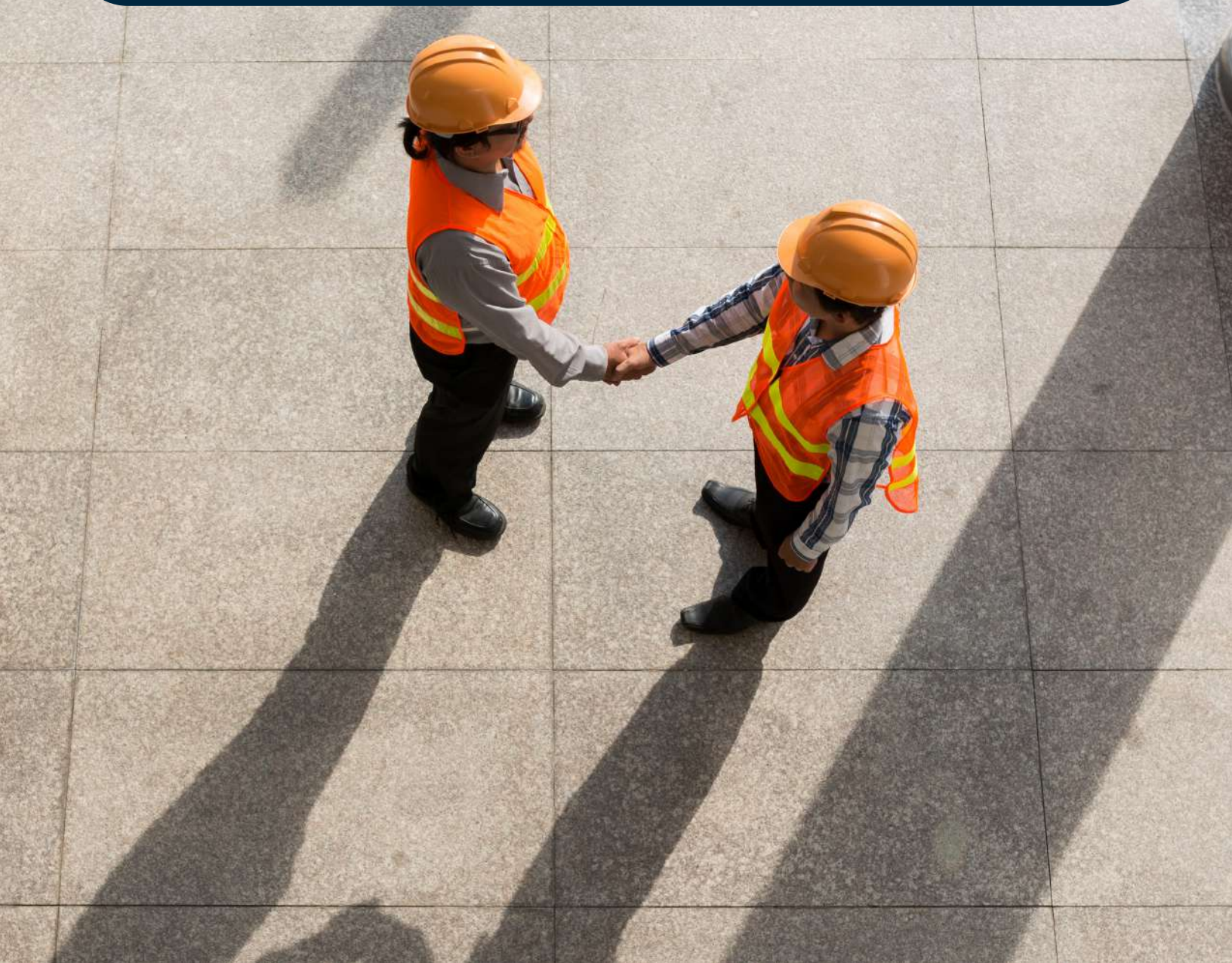
GORDIAN®

Job Order Contract Construction Task Catalog®

CSI Division 01-43 May 2024

Public Building Commission of Chicago



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CTC Information:

1. This Construction Task Catalog® was developed and customized by The Gordian Group, Inc. specifically for **Public Building Commission of Chicago**, priced locally using current labor, material and equipment costs, and published in May 2024.
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MasterFormat™

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The Unit Prices Include:

Labor Costs:

1. 1. Labor costs include unloading equipment, materials, and tools, and transporting the same up or down 2 1/2 stories (2 stories with an attic) and 125' to reach the project site; layout; measuring and cutting to fit; performing the task; disposal of excess material; and time for lunch and breaks.
2. Labor costs include direct labor through the working foreperson level at straight-time prevailing wage rates including published fringe benefits and an allowance for Social Security and Medicare taxes, worker's compensation, unemployment insurance and employee benefits.
3. Labor costs are based on workers familiar with and skilled in the performance of the task following OSHA requirements.

Equipment Costs:

1. Equipment costs include all equipment required to accomplish the work task. Allowance for the mobilization for large equipment (e.g. cranes, pile drivers, bulldozers, excavators, backhoes, bobcats etc.) is provided for under a separate work task.
2. Equipment costs are based on ownership rates. The rate difference between the Contractor owned equipment costs and the rental equipment costs are part of the adjustment factor.
3. Equipment costs include all operating expenses such as fuel, electricity, lubricants, etc. including the operator unless specifically excluded.

Material Costs:

1. Material costs include the cost of the material, delivery, and all incidentals and accessories integral to the installation.
2. Material costs include manufacturer's and/or fabricator's shop drawings.
3. Material costs include an allowance for waste for such materials that are typically provided in standard widths, lengths, weights and units such as roofing, drywall, VCT, carpet, wall covering, ceiling tile, pipe, conduit, lumber and concrete. This list is not intended to be all inclusive, but descriptive of the types of construction materials that are typically sold in standard lengths, sizes and weights.

Complete and In-Place Construction:

1. Unit prices are for complete and in-place construction and include all labor, equipment and

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material required to complete the task as described in the CTC.

2. If the Contractor uses a crane or other lifting equipment (except a truck mounted boom lift or other equipment as part of the delivery process) to lift material onto a roof, even if that roof is less than 2 ½ stories, the contractor will be paid for such crane or lifting equipment as a separate task (2 stories with an attic) and within 125’ to reach the site.
3. Unit prices include all fasteners such as anchor bolts, lag bolts, screws, adhesive, wedge anchors, expansion bolts, roofing clips (excluding hurricane clips) that are required. Fasteners listed separately in the CTC are for use with Owner furnished material and equipment or relocating or reinstalling existing material and equipment.
4. Unit prices exclude more substantial mounting material such as threaded rod or angle iron unless the task description states otherwise.

Demolition:

1. Unit prices for demolition include all labor, equipment and material required for the complete removal of the items; clean-up of the area; and transporting the demolished items up or down 2 ½ stories into a truck, dumpster, or to an owner designated area, located within 125' of the project site.
2. Unit prices for demolition exclude costs for hauling (See 01741900), dump fees (See 01741900), dumpsters (See 01741900), and trash chutes (See 01741900).
3. If the item being demolished is attached to another item being removed and can be removed as one item, then that item shall not be priced as a separate demolition task, unless the component alone must be demolished to accomplish the task (e.g. demolition of pipe includes pipe fittings unless the fitting must be demolished separately to accomplish the task; demolition of a wood door includes hinges, hardware, closures, kick plates, etc.).
4. The description "replace" includes the demolition of the existing item and the installation of the new item.
5. The descriptions "remove and relocate" or "remove and reinstall" includes the removal, cleaning of item and installation of the existing item in either the same location or another location.
6. The description "reinstall" includes the cleaning and installation of the existing item.
7. Salvageable materials remain the property of the Owner and shall be turned over as directed unless otherwise provided for in the Job Order. If the Owner allows the Contractor to take possession of the salvageable materials an equitable reimbursement will be made to the Owner through the use of task 01221600 0004.
8. Non-prepriced building demolition subcontractor quotes shall include the demolition of the building down to the top of foundation and the sorting of all demolition debris. Hauling, disposal, and/or recycling of demolition debris shall not be included in this quote and shall be priced separately in the proposal using prepriced line items.

The Adjustment Factors Include:

Business Costs:

1. Overhead costs, including, unless specifically excluded in the Contract Documents, but not limited to;
   - home office overhead
   - insurance, bonds, and indemnification
   - project meetings, training, management and supervision
   - mobilization and close-out for the contract and each Job Order
   - project office staff and equipment.
2. Profit.

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3. Subcontractor's overhead and profit.
4. All taxes for which a waiver is not available including material sales tax and equipment rental.
5. Employee or Subcontractor's wage rates that exceed the prevailing wage rates.
6. Fringe benefits, payroll taxes, worker's compensation, insurance costs and any other payment mandated by law in connection with labor that exceeds the labor rate allowances.
7. Cost of financing the work.
8. Business risks such as the risk of a lower than expected volume of work, smaller than anticipated Job Orders, poor Subcontractor performance, and inflation or material cost fluctuations.

CONSTRUCTION RELATED COSTS:

1. Services required to obtain filings, building permits, street closure permits, and all other permits or licenses.
2. Costs incurred to investigate work sites necessary to prepare proposals and the preparation and modification of proposals, sketches, incidental drawings such as irrigation layout drawings and drawings for sizing and layout of fire sprinkler systems, submittals, as-built drawings, CADD drawings, microfilm, digital photographs and other project records.
3. Costs incurred to define and modify scopes of work including but not limited to engineering and architectural services as required to support a work order.
4. Office trailer and portable toilets for Contractor's use.
5. Construction vehicles such as pick-up trucks, utility trucks, vans, service trucks, flat bed trucks, tractors, trailers, etc.
6. Storage devices or items such as gang boxes and storage containers for Contractor's tools, equipment and materials.
7. Basic safety and warning signage, minor barricades (e.g., construction tape, etc.) and personnel safety equipment (e.g., hard hats, safety harnesses with lifeline or cabling, protective clothing, safety glasses, face shields, etc.).
8. All traffic barricades, except for those tasks listed in Section 01552600 0001: Traffic Protection - Rental
9. Flagmen, groundmen and/or spotters required for traffic control and required to control the safety of the work site, workmen and pedestrians.
10. Meeting Owner security requirements.
11. Excess waste including roofing, drywall, VCT, carpet, wall covering, ceiling tile, pipe, conduit, siding, concrete, etc. This list is not intended to be all inclusive, but descriptive of the types of construction materials that are typically sold in standard lengths, sizes and weights.
12. Removing and returning Owner's furniture and furnishings (e.g. chairs, tables, pictures, etc. but excluding modular furniture, wall or ceiling attached or fastened devices or furnishings, safes or other furniture requiring disassembly).
13. Protection of all surfaces including those not in the scope of work from construction dust, debris or damage during construction up until final acceptance. The methods of protection including plastic, paper, temporary masonite and plywood (except for temporary walls), sealing doors or windows are the Contractor's responsibility
14. Daily clean-up.
15. Final professional project clean-up.
16. Working in extreme temperatures (below or above normal) or adverse conditions such as excessive rain, wind, sleet or snow.
17. Costs resulting from inadequate supply of building materials, fuel, electricity, or skilled labor.
18. Costs resulting from productivity loss.
19. Differences in project size; complexity and location.
20. All costs for other than discreet items of work specifically required to complete a particular Job Order.
21. Costs associated with Underground Utility location and identification.
22. Confined Working Space is defined according to the OSHA definition 29 CFR 1926.21(b)(6)(i): "Any

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space having limited means of egress, which is subject to accumulation of toxic or flammable contaminants or has an oxygen deficient atmosphere, including, but not limited to, storage tanks, process vessels, bins, boilers, ventilation and exhaust duct, sewers, underground vaults, tunnels, pipelines and open top spaces more than 4 feet in depth such as pits and tubs." The Contractor shall conform to all OSHA and Owner requirements for working in Confined Working Spaces. Required ventilation and air monitoring equipment tasks shall be priced from the CTC and the Contractor is entitled to the cost of decreased labor productivity which shall be an increase of 15% of the Labor portion of the CTC tasks being accomplished.

Price Variations:

1. Contractors may find differences in labor, equipment and material costs due to certain economic factors. Variations in labor cost can also result from labor efficiency, labor restrictions, working conditions and local work rules. Variations in material costs can also result from the quantity of material purchased, the existing relationship with suppliers, and because the materials have been discontinued or have become obsolete.
2. While diligent effort is made to provide accurate and reliable up-to-date pricing, it is the responsibility of the Contractor to review and analyze the unit prices, and to calculate their Adjustment Factors accordingly, prior to bidding.

General Costs:

1. This list is not exhaustive and is intended to provide general examples of costs to be included in the Contractor's Adjustment Factor as defined in the Contract.
2. The only compensation to be paid to a Contractor for the work tasks will be:

Published Unit Price	X	Installation (or Demolition) Quantity	X	Appropriate Adjustment Factor

3. No additional payments of any kind whatsoever will be made. All costs not included in the unit prices must be part of the Adjustment Factors.

General Interpretations:

Working Height:

1. Typical working height for work other than masonry is up to 14' above the finished floor or stationary working surface. The Contractor will not be paid for scaffolding, lifts, or similar equipment for work below 14'.
2. Typical working height for masonry work is up to 4' above the finished floor or stationary working surface. The Contractor will not be paid for scaffolding, lifts, or similar equipment for masonry work below 4'.

Field Engineering:

1. Surveying tasks shall be used only when the Owner requests the Contractor to perform topographic surveys or property line surveys or to establish horizontal and vertical controls. If the Owner provides horizontal and vertical control points within or adjacent to the project site, any other surveying required to complete the work is considered construction staking or layout and the cost thereof is included in the appropriate task.

Assemblies:

1. Assembly unit prices take precedence over individual component pricing.

Testing:

1. If required, the contractor will be paid for testing as required by the technical specifications and as directed by the Owner (record tests) at the unit price for the appropriate task. The cost of process quality control testing routinely performed by the Contractor is included in the unit prices for the individual tasks.

Miscellaneous:

1. For the purpose of calculating the quantity of a task, quantities are calculated on a per project basis. The

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quantity so determined shall be used for the task and all appropriate modifiers, unless the task states otherwise.

2. Whenever there are alternative tasks that may be selected to complete work the Contractor shall select the most practical and economical tasks available (e.g. rental of equipment by weeks or months rather than days or painting by roller or spray rather than brush).

3. Whenever a material, article or piece of equipment is identified in the CTC or in the specifications by reference to manufacturers' or vendors' names, trade names, catalogue numbers, or make, the identification is intended to establish a standard. Any material, article or equipment of another manufacturer or vendor which performs satisfactorily the duties imposed by the general design may be considered equally acceptable provided that, in the opinion of the Owner, the material, article or equipment so proposed is of equal quality, substance and function. The Contractor shall not provide, furnish or install any proposed material, article or equipment without the prior written approval of the Owner. The burden of proof and all costs related thereto concerning the "or equal" nature of the substitute item, whether approved or disapproved, shall be borne by the Contractor.

SPECIFICATIONS:

1. Specifications for tasks shall be interpreted as follows: All labor, material, equipment, spare parts, services, and work required by a specification shall be considered part of the unit price, unless the task description or technical specifications state otherwise.

Useful Information:

UNIT OF MEASURE DEFINITIONS:

ACR – Acre, **BAG** – Bag, **BBL** – Barrel, **BCY** - Bank (In-place) Cubic Yards, **BF** - Board Foot, **BOX** - Box (each), **BTU** - British Thermal Unit, **C** - One Hundred, **CCF** - One Hundred Cubic Feet, **CCY** - Compacted Cubic Yards, **CF** - Cubic Foot, **CFM** - Cubic Feet Per Minute, **CI** – Cubic Inch, **CLF** - One Hundred Linear Feet, **CSF** - One Hundred Square Feet, **CSY** - Hundred Square Yards, **CWT** - Carton Weight, **CY** - Cubic Yard, **CYM** - Cubic Yard Mile, **DAY** – Day, **DRM** - Drum (each), **EA** – Each, **FLR** - Floor (Per Floor), **FT** – Foot, **GAL** – Gallon, **GSF** - Ground Square Foot, **HR** – Hour, **HWT** - Hundred Carton Weight, **HYR** – Half Year, **IN** – Inch, **JOB** – Job, **LAN** – Lane, **LB** – Pound, **LCY** - Loose (Excavated) Cubic Yards, **LF** - Linear Foot, **LFD** - Linear Feet Per Day, **LIT –** Liter, **LOT** – Lot, **MBF** - One Thousand Board Feet, **MBH** - One Thousand British Thermal Units, **MCF** – One Thousand Cubic Feet, **MF3** - One Thousand Cubic Feet Per Minute, **MGL** – One Thousand Gallons, **MI** – Mile, **MLF** - One Thousand Linear Feet, **MO** – Month, **MSF** - One Thousand Square Feet, **MSY** - One Thousand Square Yards, **MT** – Metric Ton, **MTK** – Metric Ton Kilometer, **M2** – Square Meter, **M3K** – Cubic Meter Kilometer, **NPP** – Non Pre-Priced, **NTE** – Note, **OPN** – Opening, **OUT** - Outlet or Output (each), **OZ** – Ounce, **PKG** – Package, **PNT** – Point, **PR** – Pair, **QT** – Quart, **ROL** - Roll (each), **ROM** – Room, **ROW** – Row, **RSR** - Riser (Per Rise), **SEA** – Seat, **SET** – Set, **SF** - Square Foot, **SHT** – Sheet, **SI** - Square Inch, **STP** - Stop (each), **SQ** - Square or One Hundred Square Feet, **SY** - Square Yard, **SYI** – Inches per Square Yard, **TNM** - Tons per Mile, **TON** – Ton, **TRK** – Truck Load, **UI** - United Inch, **UNT** – Unit, **VLF** - Vertical Linear Foot, **WK** – Week, **YD** – Yard, **YR** – Year

MATERIAL WEIGHTS:

EARTHEN MATERIAL

1. The following engineering values for establishing shrink/swell factors shall be used unless otherwise directed by the Owner.

	Material Weight (Lbs Per CY)

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Material	In-place (Bank)	Loose (Excavated Materials)	Compacted
Earth, Common (Average)	3170	2536	3520
Sand	2880	2590	3240
Earth, Rock Mix. (75% E/ 25% R)	3380	2370	3720
Earth, Rock Mix. (50% E/50% R)	3750	2710	4000
Earth, Rock Mix. (25% E/ 75% R)	4120	3140	3680
Clay	3220	2150	3570
CA-6		2890	3820
CA-7		2730	2930
CA-1		2460	2520
Topsoil		1610	2215
FA-5		2420	2810

CONVERSIONS:

1 Acre = 43,560 Square Feet = 4046.8 Square Meters

1 Board Foot = 12” x 12” x 1” = 144 Cubic Inches

1 Centimeter = 0.3937 Inches = 0.0328 Feet

1 Cubic Foot = 0.03704 Cubic Yards = 0.02832 Cubic Meters

1 Cubic Meter = 1.3080 Cubic Yards = 35.3147 Cubic Feet

1 Cubic Yard = 27 Cubic Feet = 0.7646 Cubic Meters

1 Foot = 12 Inches = 0.3048 Meters

1 Inch = 2.54 Centimeters = 0.0254 Meters

1 Kilogram = 2.2046 Pounds

1 Kilometer = 0.6214 Miles = 3280 Feet

1 Meter = 100 Centimeters = 3.2808 Feet

1 Mile = 5280 Feet = 1.6093 Kilometers

1 Pound = 0.4536 Kilograms

1 Square Foot = 144 Square Inches = .0929 Square Meters

1 Square Meter = 1.1960 Square Yards = 10.7639 Square Feet

1 Square Yard = 9 Square Feet = 0.8361 Square Meters

1 Ton = 2000 Pounds = 907.185 Kilograms

1 Yard = 3 Feet = 0.9144 Meters

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Sheet Metal Thickness (inches)				
Gage No.	Steel Sheet	Galvanized Steel Sheet	Stainless Steel Sheet	Aluminum Sheet
10	.135	.138	.141	
11	.120	.123	.125	
12	.105	.108	.109	
13	.090	.093	.094	.072
14	.075	.079	.078	.064
15	.067	.071	.070	.057
16	.060	.064	.063	.051
17	.054	.058	.056	.045
18	.048	.052	.050	.040
19	.042	.046	.044	.036
20	.036	.040	.038	.032
21	.033	.037	.034	.028
22	.030	.034	.031	.025
23	.027	.031	.028	.023
24	.024	.028	.025	.020
25	.021	.025	.022	.018
26	.018	.022	.019	.017

Standard Geometry:

Circle

- Circumference = 2 π radius = π diameter
- Area = π radius^2 = π (diameter^2 / 4)

Cylinder

- Volume = (π radius^2)height
- Surface Area = 2 π radius^2+(2 π radius)height

Sphere

- Volume = (4 π radius^3) / 3
- Surface Area = 4 π radius^2

π = 3.14159

United Inch

- The industry standard for measuring windows is the United Inch or UI. The UI is determined by adding the width and the height in inches.

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

01 General Requirements

01 10 Summary *(01)*

01 11 Summary Of Work *(01 10)*

01 11 13 Work Covered by Contract Documents *(01 11)*

Note: For specification publishing. Review specifications for requirements.

01 11 13 00-0001	NTE	Work Covered by Contract Documents Note: For specification publishing. Review specifications for requirements.	0.00	

01 20 Price and Payment Procedures *(01)*

01 22 Unit Prices *(01 20)*

01 22 16 Unit Price Payment *(01 22)*

01 22 16 00-0001 Salvage Value *(01 22 16)*

Note: Typically, demolished items become the property of the Contractor and any salvage value is to the benefit of the Contractor. However, the Owner reserves the right to share in the value of salvaged materials or equipment. Task 01206-1001 is used to provided credit to the Owner for an agreed upon quantity of salvage value. The quantity for Task 01206-1001 shall be based on the receipt or quote for the salvaged items. If there are multiple salvage value tasks on the same Work Order, each shall be included separately with a comment in the "note" block to identify the agreed upon portion of the salvage value (e.g. masonry, steel, etc.).

01 22 16 00-0002	EA	Salvage Value	-1.00	

01 22 16 00-0003 Professional Architectural/Engineering Services *(01 22 16)*

01 22 16 00-0004	EA	Professional Architectural/Engineering Services Note: For the preparation of "Stamped" drawings only. To be used only at the direction of the Public Building Commission. The Adjustment Factor applied to Reimbursable Fees will be 1.0000.	1.00	

01 22 16 00-0005 Reimbursable Fees *(01 22 16)*

Note: Reimbursable fees include but are not limited to permits, special inspections, special insurance, A/E stamped drawings, additional warranties, etc, which are not included in a task or an Adjustment Factor as explained in the Contract or The Construction Task Catalog®.

01 22 16 00-0006	EA	Reimbursable Fees Note: Reimbursable Fees will be paid to the contractor for eligible costs as directed by Owner. Insert the appropriate quantity to adjust the base cost to the actual Reimbursable Fee. If there are multiple Reimbursable Fees, list each one separately and add a comment in the "note" block to identify the Reimbursable Fee (e.g. sidewalk closure, road cut, various permits, extended warranty, expedited shipping costs, etc.). A copy of each receipt, invoice, or proof of payment shall be submitted with the Price Proposal.	1.00	

01 22 20 Wage Rates *(01 22)*

01 22 20 00-0001 Rates For Services *(01 22 20)*

01 22 20 00-0002	HR	Watch/Guard Person, Unarmed	32.80	
01 22 20 00-0003	HR	Watch/Guard Person, Armed	42.16	
01 22 20 00-0004	HR	Certified Industrial Hygienist	121.12	
01 22 20 00-0005	HR	Senior Surveyor (Party Chief)	58.70	
01 22 20 00-0006	HR	Surveyor (Instrument person)	51.87	
01 22 20 00-0007	HR	Surveyor (Rod Person)	40.56	
01 22 20 00-0008	HR	On-Site Certified Materials Testing Technician	89.85	
01 22 20 00-0009	MI	Mileage For Professional Services (Engineering, Surveying, Etcetera) Note: For use only when the Owner directs the contractor to use personnel whose base of operations is more than 100 miles from the site. Quantity shall be miles that exceed 100.	0.67	
01 22 20 00-0010	HR	Electrician For Investigative Work	128.62	
01 22 20 00-0011	HR	Iron Worker For Emergency Fence Repairs Note: Includes service truck and tools.	152.03	
01 22 20 00-0012	HR	Iron Worker For Emergency Fence Repairs (Overtime Red Book) Note: Includes service truck and tools.	211.51	
01 22 20 00-0013	HR	Iron Worker For Emergency Fence Repairs (Overtime Black Book) Note: Includes service truck and tools.	264.39	
01 22 20 00-0014	EA	Layout For Americans With Disabilities Act Compliant Ramps Note: Price is for each corner, which consists of one or two individual ADA Ramps. Task is only to be used for the layout of ADA Ramps located at corners. Task shall not be used for any other type of layout.	1,575.21	

01 22 20 00-0015 Rates For Project Management Services *(01 22 20)*

01 22 20 00-0016	HR	Project Manager	156.25	

01 22 20 00-0017 Rates For Architectural And Engineering Services *(01 22 20)*

Note: For preparation of contract documents, structural and/or design drawings, special investigating requirements or services outside required architectural and engineering services.

01 22 20 00-0018	HR	Principal Architect	237.50	
01 22 20 00-0019	HR	Senior Architect	175.00	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 20 00-0020	HR	Architect	137.50	
01 22 20 00-0021	HR	Principal Engineer	205.00	
01 22 20 00-0022	HR	Senior Engineer	170.00	
01 22 20 00-0023	HR	Engineer	133.75	
01 22 20 00-0024	HR	Draft Person	70.00	

01 22 23 Equipment Usage *(01 22)*

Note: Includes fuel costs unless otherwise stated. These tasks shall be used for owned, leased or rented equipment. Excludes mobilization unless otherwise stated. See CSI section 01 71 13 00-0000 for equipment delivery, pickup, mobilization and demobilization.

01 22 23 00-0001 Aerial Equipment *(01 22 23)*

01 22 23 00-0002 Man Lifts *(01 22 23 00-0001)*

Note: Excludes operator, delivery, set-up, and removal.

01 22 23 00-0003 Telescoping Boom Man Lifts With Platform *(01 22 23 00-0002)*

01 22 23 00-0004 Engine Powered, Telescoping Boom Man Lifts With Platform *(01 22 23 00-0003)*

Note: Diesel or dual fuel (gasoline or liquid propane gas). Two-wheel drive. For use on unpaved or paved surfaces.

01 22 23 00-0005	DAY	40' Engine Powered, Telescoping Boom Man Lift With Platform	448.88	
		For Four-Wheel Drive, Add	*101.00*	
01 22 23 00-0006	WK	40' Engine Powered, Telescoping Boom Man Lift With Platform	1,129.44	
		For Four-Wheel Drive, Add	*254.12*	
01 22 23 00-0007	MO	40' Engine Powered, Telescoping Boom Man Lift With Platform	2,534.00	
		For Four-Wheel Drive, Add	*570.15*	
		For >6 Months (>26 Weeks) , Deduct	*-101.36*	
01 22 23 00-0008	DAY	60' Engine Powered, Telescoping Boom Man Lift With Platform	658.84	
		For Four-Wheel Drive, Add	*148.24*	
01 22 23 00-0009	WK	60' Engine Powered, Telescoping Boom Man Lift With Platform	1,571.08	
		For Four-Wheel Drive, Add	*353.49*	
01 22 23 00-0010	MO	60' Engine Powered, Telescoping Boom Man Lift With Platform	3,439.00	
		For Four-Wheel Drive, Add	*773.78*	
		For >6 Months (>26 Weeks) , Deduct	*-137.56*	
01 22 23 00-0011	DAY	80' Engine Powered, Telescoping Boom Man Lift With Platform	1,281.48	
		For Four-Wheel Drive, Add	*288.33*	
01 22 23 00-0012	WK	80' Engine Powered, Telescoping Boom Man Lift With Platform	3,105.96	
		For Four-Wheel Drive, Add	*698.84*	
01 22 23 00-0013	MO	80' Engine Powered, Telescoping Boom Man Lift With Platform	6,516.00	
		For Four-Wheel Drive, Add	*1,466.10*	
		For >6 Months (>26 Weeks) , Deduct	*-260.64*	
01 22 23 00-0014	DAY	110' Engine Powered, Telescoping Boom Man Lift With Platform	1,824.48	
		For Four-Wheel Drive, Add	*410.51*	
01 22 23 00-0015	WK	110' Engine Powered, Telescoping Boom Man Lift With Platform	4,393.23	
		For Four-Wheel Drive, Add	*988.48*	
01 22 23 00-0016	MO	110' Engine Powered, Telescoping Boom Man Lift With Platform	10,946.88	
		For Four-Wheel Drive, Add	*2,463.05*	
		For >6 Months (>26 Weeks) , Deduct	*-437.88*	
01 22 23 00-0017	DAY	120' Engine Powered, Telescoping Boom Man Lift With Platform	2,222.68	
		For Four-Wheel Drive, Add	*500.10*	
01 22 23 00-0018	WK	120' Engine Powered, Telescoping Boom Man Lift With Platform	5,668.92	
		For Four-Wheel Drive, Add	*1,275.51*	
01 22 23 00-0019	MO	120' Engine Powered, Telescoping Boom Man Lift With Platform	12,887.20	
		For Four-Wheel Drive, Add	*2,899.62*	
		For >6 Months (>26 Weeks) , Deduct	*-515.49*	

01 22 23 00-0020 Articulating (Up/Over) Boom Man Lifts With Platform *(01 22 23 00-0002)*

01 22 23 00-0021 Engine Powered, Articulating (Up/Over) Boom Man Lifts With Platform *(01 22 23 00-0020)*

Note: Diesel or dual fuel (gasoline or liquid propane gas). Four-wheel drive. For use on unpaved or paved surfaces.

01 22 23 00-0022	DAY	34' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	451.25	
01 22 23 00-0023	WK	34' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	1,132.22	
01 22 23 00-0024	MO	34' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	2,723.89	
		For >6 Months (>26 Weeks) , Deduct	*-108.96*	
01 22 23 00-0025	DAY	45' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	574.32	
01 22 23 00-0026	WK	45' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	1,255.29	
01 22 23 00-0027	MO	45' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	3,116.07	
		For >6 Months (>26 Weeks) , Deduct	*-124.64*	
01 22 23 00-0028	DAY	60' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	738.40	
01 22 23 00-0029	WK	60' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	1,706.54	
01 22 23 00-0030	MO	60' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	3,815.09	
		For >6 Months (>26 Weeks) , Deduct	*-152.60*	
01 22 23 00-0031	DAY	80' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	1,288.11	
01 22 23 00-0032	WK	80' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	3,035.66	
01 22 23 00-0033	MO	80' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	7,382.41	
		For >6 Months (>26 Weeks) , Deduct	*-295.30*	
01 22 23 00-0034	DAY	125' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	2,502.37	
01 22 23 00-0035	WK	125' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	5,907.24	
01 22 23 00-0036	MO	125' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	14,439.92	
		For >6 Months (>26 Weeks) , Deduct	*-577.60*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0037			**Electric, Articulating (Up/Over) Boom Man Lifts With Platform** *(01 22 23 00-0020)* Note: For use on paved surfaces.		
01 22 23 00-0038		DAY	30' Electric, Articulating (Up/Over) Boom Man Lift With Platform	451.25	
01 22 23 00-0039		WK	30' Electric, Articulating (Up/Over) Boom Man Lift With Platform	1,132.22	
01 22 23 00-0040		MO	30' Electric, Articulating (Up/Over) Boom Man Lift With Platform	2,723.89	
			For >6 Months (>26 Weeks) , Deduct	*-108.96*	
01 22 23 00-0041		DAY	35' Electric, Articulating (Up/Over) Boom Man Lift With Platform	451.25	
01 22 23 00-0042		WK	35' Electric, Articulating (Up/Over) Boom Man Lift With Platform	1,132.22	
01 22 23 00-0043		MO	35' Electric, Articulating (Up/Over) Boom Man Lift With Platform	2,723.89	
			For >6 Months (>26 Weeks) , Deduct	*-108.96*	
01 22 23 00-0044		DAY	40' Electric, Articulating (Up/Over) Boom Man Lift With Platform	557.91	
01 22 23 00-0045		WK	40' Electric, Articulating (Up/Over) Boom Man Lift With Platform	1,206.06	
01 22 23 00-0046		MO	40' Electric, Articulating (Up/Over) Boom Man Lift With Platform	2,994.64	
			For >6 Months (>26 Weeks) , Deduct	*-119.79*	
01 22 23 00-0047		DAY	45' Electric, Articulating (Up/Over) Boom Man Lift With Platform	557.91	
01 22 23 00-0048		WK	45' Electric, Articulating (Up/Over) Boom Man Lift With Platform	1,206.06	
01 22 23 00-0049		MO	45' Electric, Articulating (Up/Over) Boom Man Lift With Platform	2,994.64	
			For >6 Months (>26 Weeks) , Deduct	*-119.79*	
01 22 23 00-0050			**Platform Lifts** *(01 22 23 00-0001)* Note: Excludes operator, delivery, set-up, and removal.		
01 22 23 00-0051			**Electric, Scissor Platform Lifts** *(01 22 23 00-0050)* Note: For use on paved surfaces.		
01 22 23 00-0052		DAY	17' Electric, Scissor Platform Lift	196.62	
01 22 23 00-0053		WK	17' Electric, Scissor Platform Lift	393.25	
01 22 23 00-0054		MO	17' Electric, Scissor Platform Lift	804.38	
			For >6 Months (>26 Weeks) , Deduct	*-32.18*	
01 22 23 00-0055		DAY	20' Electric, Scissor Platform Lift	214.50	
01 22 23 00-0056		WK	20' Electric, Scissor Platform Lift	429.00	
01 22 23 00-0057		MO	20' Electric, Scissor Platform Lift	858.00	
			For >6 Months (>26 Weeks) , Deduct	*-34.32*	
01 22 23 00-0058		DAY	25' Electric, Scissor Platform Lift	277.06	
01 22 23 00-0059		WK	25' Electric, Scissor Platform Lift	554.12	
01 22 23 00-0060		MO	25' Electric, Scissor Platform Lift	1,188.69	
			For >6 Months (>26 Weeks) , Deduct	*-47.55*	
01 22 23 00-0061		DAY	30' Electric, Scissor Platform Lift	357.50	
01 22 23 00-0062		WK	30' Electric, Scissor Platform Lift	706.06	
01 22 23 00-0063		MO	30' Electric, Scissor Platform Lift	1,564.06	
			For >6 Months (>26 Weeks) , Deduct	*-62.56*	
01 22 23 00-0064		DAY	33' Electric, Scissor Platform Lift	384.31	
01 22 23 00-0065		WK	33' Electric, Scissor Platform Lift	750.75	
01 22 23 00-0066		MO	33' Electric, Scissor Platform Lift	1,698.12	
			For >6 Months (>26 Weeks) , Deduct	*-67.92*	
01 22 23 00-0067		DAY	40' Electric, Scissor Platform Lift	500.50	
01 22 23 00-0068		WK	40' Electric, Scissor Platform Lift	1,242.31	
01 22 23 00-0069		MO	40' Electric, Scissor Platform Lift	3,458.81	
			For >6 Months (>26 Weeks) , Deduct	*-138.35*	
01 22 23 00-0070			**Engine Powered, Scissor Platform Lifts** *(01 22 23 00-0050)* Note: Diesel or dual fuel (gasoline or liquid propane gas). Two-wheel drive. For use on unpaved or paved surfaces.		
01 22 23 00-0071		DAY	25' Engine Powered, Scissor Platform Lift	411.57	
			For Four-Wheel Drive, Add	*82.31*	
01 22 23 00-0072		WK	25' Engine Powered, Scissor Platform Lift	804.85	
			For Four-Wheel Drive, Add	*160.97*	
01 22 23 00-0073		MO	25' Engine Powered, Scissor Platform Lift	1,966.39	
			For Four-Wheel Drive, Add	*393.28*	
			For >6 Months (>26 Weeks) , Deduct	*-78.66*	
01 22 23 00-0074		DAY	33' Engine Powered, Scissor Platform Lift	420.72	
			For Four-Wheel Drive, Add	*84.14*	
01 22 23 00-0075		WK	33' Engine Powered, Scissor Platform Lift	960.33	
			For Four-Wheel Drive, Add	*192.07*	
01 22 23 00-0076		MO	33' Engine Powered, Scissor Platform Lift	2,103.58	
			For Four-Wheel Drive, Add	*420.72*	
			For >6 Months (>26 Weeks) , Deduct	*-84.14*	
01 22 23 00-0077		DAY	40' Engine Powered, Scissor Platform Lift	466.45	
			For Four-Wheel Drive, Add	*93.29*	
01 22 23 00-0078		WK	40' Engine Powered, Scissor Platform Lift	1,070.08	
			For Four-Wheel Drive, Add	*214.02*	
01 22 23 00-0079		MO	40' Engine Powered, Scissor Platform Lift	2,377.96	
			For Four-Wheel Drive, Add	*475.59*	
			For >6 Months (>26 Weeks) , Deduct	*-95.12*	
01 22 23 00-0080		DAY	43' Engine Powered, Scissor Platform Lift	493.88	
			For Four-Wheel Drive, Add	*98.78*	
01 22 23 00-0081		WK	43' Engine Powered, Scissor Platform Lift	1,152.40	
			For Four-Wheel Drive, Add	*230.48*	
01 22 23 00-0082		MO	43' Engine Powered, Scissor Platform Lift	2,835.26	
			For Four-Wheel Drive, Add	*567.05*	
			For >6 Months (>26 Weeks) , Deduct	*-113.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0083	DAY	50' Engine Powered, Scissor Platform Lift	923.75	
		For Four-Wheel Drive, Add	*184.75*	
01 22 23 00-0084	WK	50' Engine Powered, Scissor Platform Lift	2,030.41	
		For Four-Wheel Drive, Add	*406.08*	
01 22 23 00-0085	MO	50' Engine Powered, Scissor Platform Lift	4,993.72	
		For Four-Wheel Drive, Add	*998.74*	
		For >6 Months (>26 Weeks) , Deduct	*-199.75*	

01 22 23 00-0086 Personnel Lifts *(01 22 23 00-0001)*

Note: Includes delivery to job site and pick-up when complete. Excludes operator. For use on paved surfaces.

01 22 23 00-0087	DAY	24', Push-Type, Electric Single Man Personnel Lift	122.70	
01 22 23 00-0088	WK	24', Push-Type, Electric Single Man Personnel Lift	347.64	
01 22 23 00-0089	MO	24', Push-Type, Electric Single Man Personnel Lift	702.10	
		For >6 Months (>26 Weeks) , Deduct	*-28.08*	
01 22 23 00-0090	DAY	30', Push-Type, Electric Single Man Personnel Lift	170.41	
01 22 23 00-0091	WK	30', Push-Type, Electric Single Man Personnel Lift	361.27	
01 22 23 00-0092	MO	30', Push-Type, Electric Single Man Personnel Lift	1,226.97	
		For >6 Months (>26 Weeks) , Deduct	*-49.08*	
01 22 23 00-0093	DAY	36', Push-Type, Electric Single Man Personnel Lift	286.29	
01 22 23 00-0094	WK	36', Push-Type, Electric Single Man Personnel Lift	695.28	
01 22 23 00-0095	MO	36', Push-Type, Electric Single Man Personnel Lift	2,031.32	
		For >6 Months (>26 Weeks) , Deduct	*-81.25*	
01 22 23 00-0096	DAY	40', Push-Type, Electric Single Man Personnel Lift	306.74	
01 22 23 00-0097	WK	40', Push-Type, Electric Single Man Personnel Lift	763.45	
01 22 23 00-0098	MO	40', Push-Type, Electric Single Man Personnel Lift	2,297.16	
		For >6 Months (>26 Weeks) , Deduct	*-91.89*	
01 22 23 00-0099	DAY	15', Self-Propelled, Electric Single Man Personnel Lift	163.60	
01 22 23 00-0100	WK	15', Self-Propelled, Electric Single Man Personnel Lift	327.19	
01 22 23 00-0101	MO	15', Self-Propelled, Electric Single Man Personnel Lift	654.38	
		For >6 Months (>26 Weeks) , Deduct	*-26.18*	
01 22 23 00-0102	DAY	20', Self-Propelled, Electric Single Man Personnel Lift	163.60	
01 22 23 00-0103	WK	20', Self-Propelled, Electric Single Man Personnel Lift	327.19	
01 22 23 00-0104	MO	20', Self-Propelled, Electric Single Man Personnel Lift	680.29	
		For >6 Months (>26 Weeks) , Deduct	*-27.21*	

01 22 23 00-0105 Bucket Trucks *(01 22 23 00-0001)*

Note: Includes full-time operator, delivery, and removal.

01 22 23 00-0106	DAY	29' To 33' Bucket Truck With Full-Time Operator	1,422.76	
		For Equipment Without Operator, Deduct	*-723.82*	
01 22 23 00-0107	WK	29' To 33' Bucket Truck With Full-Time Operator	5,715.92	
		For Equipment Without Operator, Deduct	*-3,619.10*	
01 22 23 00-0108	MO	29' To 33' Bucket Truck With Full-Time Operator	21,020.15	
		For Equipment Without Operator, Deduct	*-15,682.79*	
		For >6 Months (>26 Weeks) , Deduct	*-213.49*	
01 22 23 00-0109	DAY	38' To 41' Bucket Truck With Full-Time Operator	1,511.72	
		For Equipment Without Operator, Deduct	*-723.82*	
01 22 23 00-0110	WK	38' To 41' Bucket Truck With Full-Time Operator	6,001.85	
		For Equipment Without Operator, Deduct	*-3,619.10*	
01 22 23 00-0111	MO	38' To 41' Bucket Truck With Full-Time Operator	21,782.63	
		For Equipment Without Operator, Deduct	*-15,682.79*	
		For >6 Months (>26 Weeks) , Deduct	*-243.99*	
01 22 23 00-0112	DAY	45' To 48' Bucket Truck With Full-Time Operator	1,740.46	
		For Equipment Without Operator, Deduct	*-723.82*	
01 22 23 00-0113	WK	45' To 48' Bucket Truck With Full-Time Operator	6,414.86	
		For Equipment Without Operator, Deduct	*-3,619.10*	
01 22 23 00-0114	MO	45' To 48' Bucket Truck With Full-Time Operator	22,672.19	
		For Equipment Without Operator, Deduct	*-15,682.79*	
		For >6 Months (>26 Weeks) , Deduct	*-279.58*	
01 22 23 00-0115	DAY	62' Bucket Truck With Full-Time Operator	2,248.78	
		For Equipment Without Operator, Deduct	*-723.82*	
01 22 23 00-0116	WK	62' Bucket Truck With Full-Time Operator	8,066.90	
		For Equipment Without Operator, Deduct	*-3,619.10*	
01 22 23 00-0117	MO	62' Bucket Truck With Full-Time Operator	27,119.99	
		For Equipment Without Operator, Deduct	*-15,682.79*	
		For >6 Months (>26 Weeks) , Deduct	*-457.49*	
01 22 23 00-0118	DAY	85' Bucket Truck With Full-Time Operator	2,502.94	
		For Equipment Without Operator, Deduct	*-723.82*	
01 22 23 00-0119	WK	85' Bucket Truck With Full-Time Operator	8,956.46	
		For Equipment Without Operator, Deduct	*-3,619.10*	
01 22 23 00-0120	MO	85' Bucket Truck With Full-Time Operator	30,296.99	
		For Equipment Without Operator, Deduct	*-15,682.79*	
		For >6 Months (>26 Weeks) , Deduct	*-584.57*	
01 22 23 00-0121	Day	105' Bucket Truck With Full-Time Operator	2,630.02	
		For Equipment Without Operator, Deduct	*-723.82*	
01 22 23 00-0122	WK	105' Bucket Truck With Full-Time Operator	9,337.70	
		For Equipment Without Operator, Deduct	*-3,619.10*	
01 22 23 00-0123	MO	105' Bucket Truck With Full-Time Operator	30,601.98	
		For Equipment Without Operator, Deduct	*-15,682.79*	
		For >6 Months (>26 Weeks) , Deduct	*-596.77*	

01 22 23 00-0124 Compaction And Paving Equipment *(01 22 23)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0125		**Steel Roadway Plates** *(01 22 23 00-0124)* Note: 3 day minimum. Excludes delivery to job site and pick-up when complete. See CSI section 01 22 23 00-0126 for for placement (set-up) from truck and removal from ground (load on truck), 01 71 13 00-0001 for material delivery on truck.		
01 22 23 00-0126	EA	Placement And Removal Of Steel Roadway Plates	62.52	
01 22 23 00-0127	DAY	1" x 4' x 8' Steel Plate	44.12	
01 22 23 00-0128	WK	1" x 4' x 8' Steel Plate	104.18	
01 22 23 00-0129	MO	1" x 4' x 8' Steel Plate	137.10	
		For >6 Months (>26 Weeks) , Deduct	*-5.48*	
01 22 23 00-0130	DAY	1" x 4' x 10' Steel Plate	58.83	
01 22 23 00-0131	WK	1" x 4' x 10' Steel Plate	132.36	
01 22 23 00-0132	MO	1" x 4' x 10' Steel Plate	161.78	
		For >6 Months (>26 Weeks) , Deduct	*-6.47*	
01 22 23 00-0133	DAY	1" x 5' x 10' Steel Plate	61.28	
01 22 23 00-0134	WK	1" x 5' x 10' Steel Plate	138.49	
01 22 23 00-0135	MO	1" x 5' x 10' Steel Plate	367.68	
		For >6 Months (>26 Weeks) , Deduct	*-14.71*	
01 22 23 00-0136	DAY	1" x 6' x 8' Steel Plate	39.22	
01 22 23 00-0137	WK	1" x 6' x 8' Steel Plate	88.24	
01 22 23 00-0138	MO	1" x 6' x 8' Steel Plate	235.32	
		For >6 Months (>26 Weeks) , Deduct	*-9.41*	
01 22 23 00-0139	DAY	1" x 6' x 10' Steel Plate	73.54	
01 22 23 00-0140	WK	1" x 6' x 10' Steel Plate	96.82	
01 22 23 00-0141	MO	1" x 6' x 10' Steel Plate	258.60	
		For >6 Months (>26 Weeks) , Deduct	*-10.34*	
01 22 23 00-0142	DAY	1" x 6' x 12' Steel Plate	102.95	
01 22 23 00-0143	WK	1" x 6' x 12' Steel Plate	131.75	
01 22 23 00-0144	MO	1" x 6' x 12' Steel Plate	356.65	
		For >6 Months (>26 Weeks) , Deduct	*-14.27*	
01 22 23 00-0145	DAY	1" x 8' x 10' Steel Plate	64.96	
01 22 23 00-0146	WK	1" x 8' x 10' Steel Plate	145.85	
01 22 23 00-0147	MO	1" x 8' x 10' Steel Plate	388.52	
		For >6 Months (>26 Weeks) , Deduct	*-15.54*	
01 22 23 00-0148	DAY	1" x 8' x 12' Steel Plate	117.66	
01 22 23 00-0149	WK	1" x 8' x 12' Steel Plate	145.85	
01 22 23 00-0150	MO	1" x 8' x 12' Steel Plate	705.95	
		For >6 Months (>26 Weeks) , Deduct	*-28.24*	
01 22 23 00-0151	DAY	1" x 8' x 16' Steel Plate	156.88	
01 22 23 00-0152	WK	1" x 8' x 16' Steel Plate	352.97	
01 22 23 00-0153	MO	1" x 8' x 16' Steel Plate	941.26	
		For >6 Months (>26 Weeks) , Deduct	*-37.65*	
01 22 23 00-0154	LF	Cold Mix For Temporary Ramp Base, 6" At Edge Of Trench Plate	2.79	1.29
01 22 23 00-0155	EA	Removal And Resetting Of Steel Roadway Plate	34.73	
01 22 23 00-0156		**Street Sweepers** *(01 22 23 00-0124)* Note: Includes full-time operator. Excludes delivery, set-up, and removal.		
01 22 23 00-0157	DAY	8' Road Broom, Self Propelled Street Sweeper With Full-Time Operator	1,138.85	
		For Equipment Without Operator, Deduct	*-946.97*	
01 22 23 00-0158	WK	8' Road Broom, Self Propelled Street Sweeper With Full-Time Operator	5,495.17	
		For Equipment Without Operator, Deduct	*-4,734.83*	
01 22 23 00-0159	MO	8' Road Broom, Self Propelled Street Sweeper With Full-Time Operator	23,226.53	
		For Equipment Without Operator, Deduct	*-20,517.59*	
		For >6 Months (>26 Weeks) , Deduct	*-108.36*	
01 22 23 00-0160	DAY	Self-Propelled Street Sweeper With Hopper And Full-Time Operator Note: Truck with main and gutter brooms, elevator, debris hopper and water tank.	2,030.04	
		For Equipment Without Operator, Deduct	*-946.97*	
01 22 23 00-0161	WK	Self-Propelled Street Sweeper With Hopper And Full-Time Operator Note: Truck with main and gutter brooms, elevator, debris hopper and water tank.	9,073.09	
		For Equipment Without Operator, Deduct	*-4,734.83*	
01 22 23 00-0162	MO	Self-Propelled Street Sweeper With Hopper And Full-Time Operator Note: Truck with main and gutter brooms, elevator, debris hopper and water tank.	35,999.80	
		For Equipment Without Operator, Deduct	*-20,517.59*	
		For >6 Months (>26 Weeks) , Deduct	*-619.29*	
01 22 23 00-0163		**Earthmoving Equipment** *(01 22 23)*		
01 22 23 00-0164		**Skid-Steer Loaders** *(01 22 23 00-0163)* Note: Includes full-time operator and combination bucket and dozer blade attachments. Add extra attachments where necessary. Excludes delivery, set-up, and removal.		
01 22 23 00-0165	DAY	700 LB Capacity, 36" Wide, Skid-Steer Loader With Full-Time Operator	1,350.88	
		For Equipment Without Operator, Deduct	*-946.97*	
01 22 23 00-0166	WK	700 LB Capacity, 36" Wide, Skid-Steer Loader With Full-Time Operator	5,794.46	
		For Equipment Without Operator, Deduct	*-4,734.83*	
01 22 23 00-0167	MO	700 LB Capacity, 36" Wide, Skid-Steer Loader With Full-Time Operator	23,069.49	
		For Equipment Without Operator, Deduct	*-20,517.59*	
		For >6 Months (>26 Weeks) , Deduct	*-102.08*	
01 22 23 00-0168	DAY	1,500 To 1,700 LB Capacity, 60" Wide, Skid-Steer Loader With Full-Time Operator	1,457.35	
		For Equipment Without Operator, Deduct	*-946.97*	
01 22 23 00-0169	WK	1,500 To 1,700 LB Capacity, 60" Wide, Skid-Steer Loader With Full-Time Operator	5,987.12	
		For Equipment Without Operator, Deduct	*-4,734.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0170	MO	1,500 To 1,700 LB Capacity, 60" Wide, Skid-Steer Loader With Full-Time Operator	23,491.99	
		For Equipment Without Operator, Deduct	*-20,517.59*	
		For >6 Months (>26 Weeks) , Deduct	*-118.98*	
01 22 23 00-0171	DAY	2,000 To 2,400 LB Capacity, 72" Wide, Skid-Steer Loader With Full-Time Operator	1,487.77	
		For Equipment Without Operator, Deduct	*-946.97*	
01 22 23 00-0172	WK	2,000 To 2,400 LB Capacity, 72" Wide, Skid-Steer Loader With Full-Time Operator	6,264.28	
		For Equipment Without Operator, Deduct	*-4,734.83*	
01 22 23 00-0173	MO	2,000 To 2,400 LB Capacity, 72" Wide, Skid-Steer Loader With Full-Time Operator	24,227.14	
		For Equipment Without Operator, Deduct	*-20,517.59*	
		For >6 Months (>26 Weeks) , Deduct	*-148.38*	
01 22 23 00-0174	DAY	Hydraulic Hammer Attachment For Skid-Steer Loaders	338.00	
01 22 23 00-0175	WK	Hydraulic Hammer Attachment For Skid-Steer Loaders	1,123.85	
01 22 23 00-0176	MO	Hydraulic Hammer Attachment For Skid-Steer Loaders	2,991.30	
		For >6 Months (>26 Weeks) , Deduct	*-119.65*	
01 22 23 00-0177	DAY	Forklift Attachment For Skid-Steer Loaders	72.67	
01 22 23 00-0178	WK	Forklift Attachment For Skid-Steer Loaders	194.35	
01 22 23 00-0179	MO	Forklift Attachment For Skid-Steer Loaders	549.25	
		For >6 Months (>26 Weeks) , Deduct	*-21.97*	
01 22 23 00-0180	DAY	Backhoe Attachment For Skid-Steer Loaders	160.55	
01 22 23 00-0181	WK	Backhoe Attachment For Skid-Steer Loaders	385.32	
01 22 23 00-0182	MO	Backhoe Attachment For Skid-Steer Loaders	958.23	
		For >6 Months (>26 Weeks) , Deduct	*-38.33*	
01 22 23 00-0183	DAY	Broom Attachment For Skid-Steer Loaders	158.86	
01 22 23 00-0184	WK	Broom Attachment For Skid-Steer Loaders	430.95	
01 22 23 00-0185	MO	Broom Attachment For Skid-Steer Loaders	1,140.75	
		For >6 Months (>26 Weeks) , Deduct	*-45.63*	
01 22 23 00-0186	DAY	Auger Attachment (Excludes Bits And Extensions) For Skid-Steer Loaders	138.58	
01 22 23 00-0187	WK	Auger Attachment (Excludes Bits And Extensions) For Skid-Steer Loaders	381.94	
01 22 23 00-0188	MO	Auger Attachment (Excludes Bits And Extensions) For Skid-Steer Loaders	1,042.73	
		For >6 Months (>26 Weeks) , Deduct	*-41.71*	
01 22 23 00-0189	DAY	Up To 18" Diameter, 4' Length, Auger Bit For Skid-Steer Mounted Augers (Excludes Auger)	38.19	
01 22 23 00-0190	WK	Up To 18" Diameter, 4' Length, Auger Bit For Skid-Steer Mounted Augers (Excludes Auger)	99.93	
01 22 23 00-0191	MO	Up To 18" Diameter, 4' Length, Auger Bit For Skid-Steer Mounted Augers (Excludes Auger)	293.91	
		For >6 Months (>26 Weeks) , Deduct	*-11.76*	
01 22 23 00-0192	DAY	>18" To 48" Diameter, 4' Length, Auger Bit For Skid-Steer Mounted Augers (Excludes Auger)	51.43	
01 22 23 00-0193	WK	>18" To 48" Diameter, 4' Length, Auger Bit For Skid-Steer Mounted Augers (Excludes Auger)	127.85	
01 22 23 00-0194	MO	>18" To 48" Diameter, 4' Length, Auger Bit For Skid-Steer Mounted Augers (Excludes Auger)	382.09	
		For >6 Months (>26 Weeks) , Deduct	*-15.28*	
01 22 23 00-0195	DAY	Up To 24" Diameter, 4' Length, Rock Tip Auger Bit For Skid-Steer Mounted Augers (Excludes Auger)	74.93	
01 22 23 00-0196	WK	Up To 24" Diameter, 4' Length, Rock Tip Auger Bit For Skid-Steer Mounted Augers (Excludes Auger)	227.80	
01 22 23 00-0197	MO	Up To 24" Diameter, 4' Length, Rock Tip Auger Bit For Skid-Steer Mounted Augers (Excludes Auger)	676.00	
		For >6 Months (>26 Weeks) , Deduct	*-27.04*	
01 22 23 00-0198	DAY	2' Length, Auger Bit Extension For Skid-Steer Mounted Augers (Excludes Auger)	15.21	
01 22 23 00-0199	WK	2' Length, Auger Bit Extension For Skid-Steer Mounted Augers (Excludes Auger)	35.49	
01 22 23 00-0200	MO	2' Length, Auger Bit Extension For Skid-Steer Mounted Augers (Excludes Auger)	94.64	
		For >6 Months (>26 Weeks) , Deduct	*-3.79*	

01 22 23 00-0201 Bulldozers *(01 22 23 00-0163)*

Note: Includes full-time operator. Excludes delivery, set-up, and removal.

01 22 23 00-0202	DAY	70 HP, D3 Bulldozer With Full-Time Operator	1,443.41	
		For Equipment Without Operator, Deduct	*-994.63*	
01 22 23 00-0203	WK	70 HP, D3 Bulldozer With Full-Time Operator	6,742.88	
		For Equipment Without Operator, Deduct	*-4,973.17*	
01 22 23 00-0204	MO	70 HP, D3 Bulldozer With Full-Time Operator	26,800.25	
		For Equipment Without Operator, Deduct	*-21,550.40*	
		For >6 Months (>26 Weeks) , Deduct	*-209.99*	
01 22 23 00-0205	DAY	90 To 105 HP, D4 Or D5 Bulldozer With Full-Time Operator	1,655.09	
		For Equipment Without Operator, Deduct	*-994.63*	
01 22 23 00-0206	WK	90 To 105 HP, D4 Or D5 Bulldozer With Full-Time Operator	7,598.09	
		For Equipment Without Operator, Deduct	*-4,973.17*	
01 22 23 00-0207	MO	90 To 105 HP, D4 Or D5 Bulldozer With Full-Time Operator	29,425.18	
		For Equipment Without Operator, Deduct	*-21,550.40*	
		For >6 Months (>26 Weeks) , Deduct	*-314.99*	
01 22 23 00-0208	DAY	140 HP, D6 Bulldozer With Full-Time Operator	2,256.29	
		For Equipment Without Operator, Deduct	*-994.63*	
01 22 23 00-0209	WK	140 HP, D6 Bulldozer With Full-Time Operator	10,002.87	
		For Equipment Without Operator, Deduct	*-4,973.17*	
01 22 23 00-0210	MO	140 HP, D6 Bulldozer With Full-Time Operator	36,622.55	
		For Equipment Without Operator, Deduct	*-21,550.40*	
		For >6 Months (>26 Weeks) , Deduct	*-602.89*	
01 22 23 00-0211	DAY	200 HP, D7 Bulldozer With Full-Time Operator	2,789.74	
		For Equipment Without Operator, Deduct	*-994.63*	
01 22 23 00-0212	WK	200 HP, D7 Bulldozer With Full-Time Operator	12,145.14	
		For Equipment Without Operator, Deduct	*-4,973.17*	
01 22 23 00-0213	MO	200 HP, D7 Bulldozer With Full-Time Operator	43,057.85	
		For Equipment Without Operator, Deduct	*-21,550.40*	
		For >6 Months (>26 Weeks) , Deduct	*-860.30*	
01 22 23 00-0214	DAY	335 HP, D8 Bulldozer With Full-Time Operator	3,424.80	
		For Equipment Without Operator, Deduct	*-994.63*	
01 22 23 00-0215	WK	335 HP, D8 Bulldozer With Full-Time Operator	14,685.39	
		For Equipment Without Operator, Deduct	*-4,973.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0216	MO	335 HP, D8 Bulldozer With Full-Time Operator	50,678.60	
		For Equipment Without Operator, Deduct	*-21,550.40*	
		For >6 Months (>26 Weeks) , Deduct	*-1,165.13*	
01 22 23 00-0217	DAY	460 HP, D9 Bulldozer With Full-Time Operator	3,780.44	
		For Equipment Without Operator, Deduct	*-994.63*	
01 22 23 00-0218	WK	460 HP, D9 Bulldozer With Full-Time Operator	16,099.47	
		For Equipment Without Operator, Deduct	*-4,973.17*	
01 22 23 00-0219	MO	460 HP, D9 Bulldozer With Full-Time Operator	54,912.35	
		For Equipment Without Operator, Deduct	*-21,550.40*	
		For >6 Months (>26 Weeks) , Deduct	*-1,334.48*	

01 22 23 00-0220 Hydraulic Excavators *(01 22 23 00-0163)*

Note: Includes full-time operator. Excludes delivery, set-up, and removal.

01 22 23 00-0221	DAY	3/8 CY Hydraulic Excavator With Full-Time Operator	1,374.60	
		For Equipment Without Operator, Deduct	*-994.63*	
01 22 23 00-0222	WK	3/8 CY Hydraulic Excavator With Full-Time Operator	6,317.14	
		For Equipment Without Operator, Deduct	*-4,973.17*	
01 22 23 00-0223	MO	3/8 CY Hydraulic Excavator With Full-Time Operator	26,053.76	
		For Equipment Without Operator, Deduct	*-21,550.40*	
		For >6 Months (>26 Weeks) , Deduct	*-180.13*	
01 22 23 00-0224	DAY	1/2 CY Hydraulic Excavator With Full-Time Operator	1,481.56	
		For Equipment Without Operator, Deduct	*-994.63*	
01 22 23 00-0225	WK	1/2 CY Hydraulic Excavator With Full-Time Operator	6,788.59	
		For Equipment Without Operator, Deduct	*-4,973.17*	
01 22 23 00-0226	MO	1/2 CY Hydraulic Excavator With Full-Time Operator	27,939.54	
		For Equipment Without Operator, Deduct	*-21,550.40*	
		For >6 Months (>26 Weeks) , Deduct	*-255.57*	
01 22 23 00-0227	DAY	5/8 CY Hydraulic Excavator With Full-Time Operator	1,515.33	
		For Equipment Without Operator, Deduct	*-994.63*	
01 22 23 00-0228	WK	5/8 CY Hydraulic Excavator With Full-Time Operator	6,964.50	
		For Equipment Without Operator, Deduct	*-4,973.17*	
01 22 23 00-0229	MO	5/8 CY Hydraulic Excavator With Full-Time Operator	28,249.15	
		For Equipment Without Operator, Deduct	*-21,550.40*	
		For >6 Months (>26 Weeks) , Deduct	*-267.95*	
01 22 23 00-0230	DAY	3/4 CY Hydraulic Excavator With Full-Time Operator	1,550.51	
		For Equipment Without Operator, Deduct	*-994.63*	
01 22 23 00-0231	WK	3/4 CY Hydraulic Excavator With Full-Time Operator	7,126.34	
		For Equipment Without Operator, Deduct	*-4,973.17*	
01 22 23 00-0232	MO	3/4 CY Hydraulic Excavator With Full-Time Operator	28,558.75	
		For Equipment Without Operator, Deduct	*-21,550.40*	
		For >6 Months (>26 Weeks) , Deduct	*-280.33*	
01 22 23 00-0233	DAY	7/8 To 1 CY Hydraulic Excavator With Full-Time Operator	1,578.66	
		For Equipment Without Operator, Deduct	*-994.63*	
01 22 23 00-0234	WK	7/8 To 1 CY Hydraulic Excavator With Full-Time Operator	7,295.21	
		For Equipment Without Operator, Deduct	*-4,973.17*	
01 22 23 00-0235	MO	7/8 To 1 CY Hydraulic Excavator With Full-Time Operator	28,868.36	
		For Equipment Without Operator, Deduct	*-21,550.40*	
		For >6 Months (>26 Weeks) , Deduct	*-292.72*	
01 22 23 00-0236	DAY	1-1/8 To 1-1/4 CY Hydraulic Excavator With Full-Time Operator	1,958.63	
		For Equipment Without Operator, Deduct	*-994.63*	
01 22 23 00-0237	WK	1-1/8 To 1-1/4 CY Hydraulic Excavator With Full-Time Operator	8,808.06	
		For Equipment Without Operator, Deduct	*-4,973.17*	
01 22 23 00-0238	MO	1-1/8 To 1-1/4 CY Hydraulic Excavator With Full-Time Operator	33,055.08	
		For Equipment Without Operator, Deduct	*-21,550.40*	
		For >6 Months (>26 Weeks) , Deduct	*-460.19*	
01 22 23 00-0239	DAY	1-3/8 To 1-1/2 CY Hydraulic Excavator With Full-Time Operator	2,014.92	
		For Equipment Without Operator, Deduct	*-994.63*	
01 22 23 00-0240	WK	1-3/8 To 1-1/2 CY Hydraulic Excavator With Full-Time Operator	9,054.34	
		For Equipment Without Operator, Deduct	*-4,973.17*	
01 22 23 00-0241	MO	1-3/8 To 1-1/2 CY Hydraulic Excavator With Full-Time Operator	33,793.91	
		For Equipment Without Operator, Deduct	*-21,550.40*	
		For >6 Months (>26 Weeks) , Deduct	*-489.74*	
01 22 23 00-0242	DAY	1-5/8 To 1-7/8 CY Hydraulic Excavator With Full-Time Operator	2,120.47	
		For Equipment Without Operator, Deduct	*-994.63*	
01 22 23 00-0243	WK	1-5/8 To 1-7/8 CY Hydraulic Excavator With Full-Time Operator	9,476.53	
		For Equipment Without Operator, Deduct	*-4,973.17*	
01 22 23 00-0244	MO	1-5/8 To 1-7/8 CY Hydraulic Excavator With Full-Time Operator	35,060.48	
		For Equipment Without Operator, Deduct	*-21,550.40*	
		For >6 Months (>26 Weeks) , Deduct	*-540.40*	
01 22 23 00-0245	DAY	2 To 2-3/8 CY Hydraulic Excavator With Full-Time Operator	2,240.09	
		For Equipment Without Operator, Deduct	*-994.63*	
01 22 23 00-0246	WK	2 To 2-3/8 CY Hydraulic Excavator With Full-Time Operator	9,947.98	
		For Equipment Without Operator, Deduct	*-4,973.17*	
01 22 23 00-0247	MO	2 To 2-3/8 CY Hydraulic Excavator With Full-Time Operator	36,467.78	
		For Equipment Without Operator, Deduct	*-21,550.40*	
		For >6 Months (>26 Weeks) , Deduct	*-596.70*	
01 22 23 00-0248	DAY	2-1/2 To 2-7/8 CY Hydraulic Excavator With Full-Time Operator	2,275.27	
		For Equipment Without Operator, Deduct	*-994.63*	
01 22 23 00-0249	WK	2-1/2 To 2-7/8 CY Hydraulic Excavator With Full-Time Operator	10,088.71	
		For Equipment Without Operator, Deduct	*-4,973.17*	
01 22 23 00-0250	MO	2-1/2 To 2-7/8 CY Hydraulic Excavator With Full-Time Operator	36,889.97	
		For Equipment Without Operator, Deduct	*-21,550.40*	
		For >6 Months (>26 Weeks) , Deduct	*-613.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0251	DAY	3 To 3-3/4 CY Hydraulic Excavator With Full-Time Operator	2,613.03	
		For Equipment Without Operator, Deduct	*-994.63*	
01 22 23 00-0252	WK	3 To 3-3/4 CY Hydraulic Excavator With Full-Time Operator	11,446.75	
		For Equipment Without Operator, Deduct	*-4,973.17*	
01 22 23 00-0253	MO	3 To 3-3/4 CY Hydraulic Excavator With Full-Time Operator	40,971.14	
		For Equipment Without Operator, Deduct	*-21,550.40*	
		For >6 Months (>26 Weeks) , Deduct	*-776.83*	
01 22 23 00-0254	DAY	4 To 5-3/4 CY Hydraulic Excavator With Full-Time Operator	3,098.54	
		For Equipment Without Operator, Deduct	*-994.63*	
01 22 23 00-0255	WK	4 To 5-3/4 CY Hydraulic Excavator With Full-Time Operator	13,374.75	
		For Equipment Without Operator, Deduct	*-4,973.17*	
01 22 23 00-0256	MO	4 To 5-3/4 CY Hydraulic Excavator With Full-Time Operator	46,741.07	
		For Equipment Without Operator, Deduct	*-21,550.40*	
		For >6 Months (>26 Weeks) , Deduct	*-1,007.63*	
01 22 23 00-0257	DAY	Concrete Crusher Attachment	98.51	
01 22 23 00-0258	WK	Concrete Crusher Attachment	379.97	
01 22 23 00-0259	MO	Concrete Crusher Attachment	1,125.84	
		For >6 Months (>26 Weeks) , Deduct	*-45.03*	
01 22 23 00-0260	DAY	1,000 Ft-Lb Hydraulic Hammer Attachment For Hydraulic Excavators	436.26	
01 22 23 00-0261	WK	1,000 Ft-Lb Hydraulic Hammer Attachment For Hydraulic Excavators	1,153.99	
01 22 23 00-0262	MO	1,000 Ft-Lb Hydraulic Hammer Attachment For Hydraulic Excavators	3,229.75	
		For >6 Months (>26 Weeks) , Deduct	*-129.19*	
01 22 23 00-0263	DAY	1,500 Ft-Lb Hydraulic Hammer Attachment For Hydraulic Excavators	675.50	
01 22 23 00-0264	WK	1,500 Ft-Lb Hydraulic Hammer Attachment For Hydraulic Excavators	1,723.94	
01 22 23 00-0265	MO	1,500 Ft-Lb Hydraulic Hammer Attachment For Hydraulic Excavators	4,482.25	
		For >6 Months (>26 Weeks) , Deduct	*-179.29*	
01 22 23 00-0266	DAY	3,000 Ft-Lb Hydraulic Hammer Attachment For Hydraulic Excavators	942.89	
01 22 23 00-0267	WK	3,000 Ft-Lb Hydraulic Hammer Attachment For Hydraulic Excavators	2,540.18	
01 22 23 00-0268	MO	3,000 Ft-Lb Hydraulic Hammer Attachment For Hydraulic Excavators	7,120.94	
		For >6 Months (>26 Weeks) , Deduct	*-284.84*	
01 22 23 00-0269	DAY	24" Compaction Wheel Attachment For Hydraulic Excavators	197.02	
01 22 23 00-0270	WK	24" Compaction Wheel Attachment For Hydraulic Excavators	788.09	
01 22 23 00-0271	MO	24" Compaction Wheel Attachment For Hydraulic Excavators	2,364.26	
		For >6 Months (>26 Weeks) , Deduct	*-94.57*	
01 22 23 00-0272	DAY	36" Compaction Wheel Attachment For Hydraulic Excavators	281.46	
01 22 23 00-0273	WK	36" Compaction Wheel Attachment For Hydraulic Excavators	1,125.84	
01 22 23 00-0274	MO	36" Compaction Wheel Attachment For Hydraulic Excavators	3,377.52	
		For >6 Months (>26 Weeks) , Deduct	*-135.10*	
01 22 23 00-0275	DAY	48" Compaction Wheel Attachment For Hydraulic Excavators	309.61	
01 22 23 00-0276	WK	48" Compaction Wheel Attachment For Hydraulic Excavators	1,224.35	
01 22 23 00-0277	MO	48" Compaction Wheel Attachment For Hydraulic Excavators	3,658.98	
		For >6 Months (>26 Weeks) , Deduct	*-146.36*	

01 22 23 00-0278 Telescopic Hydraulic Excavators (Gradall) *(01 22 23 00-0163)*

Note: Includes full-time operator. Excludes delivery, set-up, and removal.

01 22 23 00-0279	DAY	Gradall, Telescopic Hydraulic Excavator With Full-Time Operator	4,416.87	
		For Equipment Without Operator, Deduct	*-994.63*	
01 22 23 00-0280	WK	Gradall, Telescopic Hydraulic Excavator With Full-Time Operator	13,016.52	
		For Equipment Without Operator, Deduct	*-4,973.17*	
01 22 23 00-0281	MO	Gradall, Telescopic Hydraulic Excavator With Full-Time Operator	50,258.27	
		For Equipment Without Operator, Deduct	*-21,550.40*	
		For >6 Months (>26 Weeks) , Deduct	*-1,148.31*	

01 22 23 00-0282 Road Graders *(01 22 23 00-0163)*

Note: Includes full-time operator. Excludes delivery, set-up, and removal.

01 22 23 00-0283	DAY	50 To 60 HP Road Grader With Full-Time Operator	2,347.33	
		For Equipment Without Operator, Deduct	*-994.63*	
01 22 23 00-0284	WK	50 To 60 HP Road Grader With Full-Time Operator	8,490.19	
		For Equipment Without Operator, Deduct	*-4,973.17*	
01 22 23 00-0285	MO	50 To 60 HP Road Grader With Full-Time Operator	31,019.30	
		For Equipment Without Operator, Deduct	*-21,550.40*	
		For >6 Months (>26 Weeks) , Deduct	*-378.76*	
01 22 23 00-0286	DAY	80 To 100 HP Road Grader With Full-Time Operator	3,014.66	
		For Equipment Without Operator, Deduct	*-994.63*	
01 22 23 00-0287	WK	80 To 100 HP Road Grader With Full-Time Operator	9,969.14	
		For Equipment Without Operator, Deduct	*-4,973.17*	
01 22 23 00-0288	MO	80 To 100 HP Road Grader With Full-Time Operator	35,528.30	
		For Equipment Without Operator, Deduct	*-21,550.40*	
		For >6 Months (>26 Weeks) , Deduct	*-559.12*	
01 22 23 00-0289	DAY	130 To 140 HP Road Grader With Full-Time Operator	3,512.15	
		For Equipment Without Operator, Deduct	*-994.63*	
01 22 23 00-0290	WK	130 To 140 HP Road Grader With Full-Time Operator	11,442.68	
		For Equipment Without Operator, Deduct	*-4,973.17*	
01 22 23 00-0291	MO	130 To 140 HP Road Grader With Full-Time Operator	40,961.64	
		For Equipment Without Operator, Deduct	*-21,550.40*	
		For >6 Months (>26 Weeks) , Deduct	*-776.45*	
01 22 23 00-0292	DAY	170 To 185 HP Road Grader With Full-Time Operator	4,268.16	
		For Equipment Without Operator, Deduct	*-994.63*	
01 22 23 00-0293	WK	170 To 185 HP Road Grader With Full-Time Operator	18,067.31	
		For Equipment Without Operator, Deduct	*-4,973.17*	

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MINOR CSI UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0294	MO 170 To 185 HP Road Grader With Full-Time Operator	67,379.84	
	For Equipment Without Operator, Deduct	*-21,550.36*	
	For >6 Months (>26 Weeks) , Deduct	*-1,833.18*	

01 22 23 00-0295 Loader-Backhoes With Standard Bucket *(01 22 23 00-0163)*

Note: Includes full-time operator. Excludes delivery, set-up, and removal.

01 22 23 00-0296	DAY 1/2 To 5/8 CY, 65 HP, Loader-Backhoe With Standard Bucket And Full-Time Operator	1,380.53	
	For Equipment Without Operator, Deduct	*-994.63*	
01 22 23 00-0297	WK 1/2 To 5/8 CY, 65 HP, Loader-Backhoe With Standard Bucket And Full-Time Operator	5,889.67	
	For Equipment Without Operator, Deduct	*-4,973.17*	
01 22 23 00-0298	MO 1/2 To 5/8 CY, 65 HP, Loader-Backhoe With Standard Bucket And Full-Time Operator	23,707.28	
	For Equipment Without Operator, Deduct	*-21,550.40*	
	For >6 Months (>26 Weeks) , Deduct	*-86.28*	
01 22 23 00-0299	DAY 1 CY, 24" Bucket, 14'-4" Deep, 75 HP, Loader-Backhoe With Full-Time Operator	1,421.87	
	For Equipment Without Operator, Deduct	*-994.63*	
01 22 23 00-0300	WK 1 CY, 24" Bucket, 14'-4" Deep, 75 HP, Loader-Backhoe With Full-Time Operator	6,034.38	
	For Equipment Without Operator, Deduct	*-4,973.17*	
01 22 23 00-0301	MO 1 CY, 24" Bucket, 14'-4" Deep, 75 HP, Loader-Backhoe With Full-Time Operator	24,589.33	
	For Equipment Without Operator, Deduct	*-21,550.40*	
	For >6 Months (>26 Weeks) , Deduct	*-121.56*	
01 22 23 00-0302	DAY 1-1/2 CY, 24" Bucket, 16'-6" Deep, 90 HP, Loader-Backhoe With Full-Time Operator	1,485.61	
	For Equipment Without Operator, Deduct	*-994.63*	
01 22 23 00-0303	WK 1-1/2 CY, 24" Bucket, 16'-6" Deep, 90 HP, Loader-Backhoe With Full-Time Operator	6,192.88	
	For Equipment Without Operator, Deduct	*-4,973.17*	
01 22 23 00-0304	MO 1-1/2 CY, 24" Bucket, 16'-6" Deep, 90 HP, Loader-Backhoe With Full-Time Operator	25,044.14	
	For Equipment Without Operator, Deduct	*-21,550.40*	
	For >6 Months (>26 Weeks) , Deduct	*-139.75*	
01 22 23 00-0305	DAY 1-3/4 CY, 30" Bucket, 18'-0" Deep, 112 HP, Loader-Backhoe With Full-Time Operator	1,769.87	
	For Equipment Without Operator, Deduct	*-994.63*	
01 22 23 00-0306	WK 1-3/4 CY, 30" Bucket, 18'-0" Deep, 112 HP, Loader-Backhoe With Full-Time Operator	7,040.47	
	For Equipment Without Operator, Deduct	*-4,973.17*	
01 22 23 00-0307	MO 1-3/4 CY, 30" Bucket, 18'-0" Deep, 112 HP, Loader-Backhoe With Full-Time Operator	27,469.77	
	For Equipment Without Operator, Deduct	*-21,550.40*	
	For >6 Months (>26 Weeks) , Deduct	*-236.77*	

01 22 23 00-0308 Heavy Duty Construction Loaders *(01 22 23 00-0163)*

Note: Includes full-time operator. Excludes delivery, set-up, and removal.

01 22 23 00-0309	DAY 2-1/2 CY, 119 HP, Heavy Duty Construction Loader With Full-Time Operator	1,459.77	
	For Equipment Without Operator, Deduct	*-994.63*	
01 22 23 00-0310	WK 2-1/2 CY, 119 HP, Heavy Duty Construction Loader With Full-Time Operator	6,812.26	
	For Equipment Without Operator, Deduct	*-4,973.17*	
01 22 23 00-0311	MO 2-1/2 CY, 119 HP, Heavy Duty Construction Loader With Full-Time Operator	27,060.52	
	For Equipment Without Operator, Deduct	*-21,550.40*	
	For >6 Months (>26 Weeks) , Deduct	*-220.40*	
01 22 23 00-0312	DAY 3 CY, 135 HP, Heavy Duty Construction Loader With Full-Time Operator	1,846.19	
	For Equipment Without Operator, Deduct	*-994.63*	
01 22 23 00-0313	WK 3 CY, 135 HP, Heavy Duty Construction Loader With Full-Time Operator	7,234.47	
	For Equipment Without Operator, Deduct	*-4,973.17*	
01 22 23 00-0314	MO 3 CY, 135 HP, Heavy Duty Construction Loader With Full-Time Operator	27,275.20	
	For Equipment Without Operator, Deduct	*-21,550.40*	
	For >6 Months (>26 Weeks) , Deduct	*-228.99*	
01 22 23 00-0315	DAY 3-1/2 CY, 198 HP, Heavy Duty Construction Loader With Full-Time Operator	1,932.07	
	For Equipment Without Operator, Deduct	*-994.63*	
01 22 23 00-0316	WK 3-1/2 CY, 198 HP, Heavy Duty Construction Loader With Full-Time Operator	7,463.46	
	For Equipment Without Operator, Deduct	*-4,973.17*	
01 22 23 00-0317	MO 3-1/2 CY, 198 HP, Heavy Duty Construction Loader With Full-Time Operator	27,847.68	
	For Equipment Without Operator, Deduct	*-21,550.40*	
	For >6 Months (>26 Weeks) , Deduct	*-251.89*	
01 22 23 00-0318	DAY 4-1/2 CY, 215 HP, Heavy Duty Construction Loader With Full-Time Operator	2,168.21	
	For Equipment Without Operator, Deduct	*-994.63*	
01 22 23 00-0319	WK 4-1/2 CY, 215 HP, Heavy Duty Construction Loader With Full-Time Operator	8,086.03	
	For Equipment Without Operator, Deduct	*-4,973.17*	
01 22 23 00-0320	MO 4-1/2 CY, 215 HP, Heavy Duty Construction Loader With Full-Time Operator	29,422.00	
	For Equipment Without Operator, Deduct	*-21,550.40*	
	For >6 Months (>26 Weeks) , Deduct	*-314.86*	
01 22 23 00-0321	DAY 7-1/3 CY, 330 HP, Heavy Duty Construction Loader With Full-Time Operator	2,776.47	
	For Equipment Without Operator, Deduct	*-994.63*	
01 22 23 00-0322	WK 7-1/3 CY, 330 HP, Heavy Duty Construction Loader With Full-Time Operator	12,086.23	
	For Equipment Without Operator, Deduct	*-4,973.17*	
01 22 23 00-0323	MO 7-1/3 CY, 330 HP, Heavy Duty Construction Loader With Full-Time Operator	42,875.28	
	For Equipment Without Operator, Deduct	*-21,550.40*	
	For >6 Months (>26 Weeks) , Deduct	*-853.00*	
01 22 23 00-0324	DAY 13-1/2 CY, 690 HP, Heavy Duty Construction Loader With Full-Time Operator	6,783.76	
	For Equipment Without Operator, Deduct	*-994.63*	
01 22 23 00-0325	WK 13-1/2 CY, 690 HP, Heavy Duty Construction Loader With Full-Time Operator	23,771.78	
	For Equipment Without Operator, Deduct	*-4,973.17*	
01 22 23 00-0326	MO 13-1/2 CY, 690 HP, Heavy Duty Construction Loader With Full-Time Operator	72,781.71	
	For Equipment Without Operator, Deduct	*-21,550.40*	
	For >6 Months (>26 Weeks) , Deduct	*-2,049.25*	

01 22 23 00-0327 Portable Sediment Tank *(01 22 23 00-0163)*

Note: Includes delivery to job site and pick-up when complete.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0328	WK	Portable Sediment Tank	200.92	
01 22 23 00-0329	MO	Portable Sediment Tank	589.36	
		For >6 Months (>26 Weeks) , Deduct	*-23.57*	

01 22 23 00-0330 Shoring *(01 22 23 00-0163)*

Note: Includes delivery to job site and pick-up when complete.

01 22 23 00-0331 Aluminum Hydraulic Shoring *(01 22 23 00-0330)*

Note: Includes delivery to job site and pick-up when complete. Excludes sheeting.

01 22 23 00-0332	WK	2' Rails, 1 Cylinder, Aluminum Hydraulic Shoring Note: Up to 88" spread width.	120.17	
01 22 23 00-0333	MO	2' Rails, 1 Cylinder, Aluminum Hydraulic Shoring Note: Up to 88" spread width.	354.46	
		For >6 Months (>26 Weeks) , Deduct	*-14.18*	
01 22 23 00-0334	WK	Up To 12' Rails, 2 Cylinders, Aluminum Hydraulic Shoring Note: Up to 88" spread width.	161.21	
01 22 23 00-0335	MO	Up To 12' Rails, 2 Cylinders, Aluminum Hydraulic Shoring Note: Up to 88" spread width.	475.49	
		For >6 Months (>26 Weeks) , Deduct	*-19.02*	
01 22 23 00-0336	WK	Up To 16' Rails, 3 Cylinders, Aluminum Hydraulic Shoring Note: Up to 88" spread width.	298.93	
01 22 23 00-0337	MO	Up To 16' Rails, 3 Cylinders, Aluminum Hydraulic Shoring Note: Up to 88" spread width.	881.83	
		For >6 Months (>26 Weeks) , Deduct	*-35.27*	
01 22 23 00-0338	EA	Set-up And Removal Of 1 Cylinder Aluminum Hydraulic Shores	33.05	
01 22 23 00-0339	EA	Set-up And Removal Of 2 Cylinders Aluminum Hydraulic Shores	52.88	
01 22 23 00-0340	EA	Set-up And Removal Of 3 Cylinders Aluminum Hydraulic Shores	88.13	

01 22 23 00-0341 Trench Boxes/Trench Shields *(01 22 23 00-0163)*

Note: Trenching tasks include moving the trench box in excavation as trenching proceeds. Includes delivery to job site and pick-up when complete. For stackable units, combine multiple units for depth required.

01 22 23 00-0342	WK	4' x 6' Trench Box With Up To 48" Spreaders	256.08	
01 22 23 00-0343	MO	4' x 6' Trench Box With Up To 48" Spreaders	768.23	
		For >6 Months (>26 Weeks) , Deduct	*-30.73*	
01 22 23 00-0344	WK	6' x 6' Trench Box With Up To 48" Spreaders	289.12	
01 22 23 00-0345	MO	6' x 6' Trench Box With Up To 48" Spreaders	867.35	
		For >6 Months (>26 Weeks) , Deduct	*-34.69*	
01 22 23 00-0346	WK	8' x 6' Trench Box With Up To 48" Spreaders	305.64	
01 22 23 00-0347	MO	8' x 6' Trench Box With Up To 48" Spreaders	916.92	
		For >6 Months (>26 Weeks) , Deduct	*-36.68*	
01 22 23 00-0348	WK	4' x 8' Trench Box With Up To 48" Spreaders	280.86	
01 22 23 00-0349	MO	4' x 8' Trench Box With Up To 48" Spreaders	842.57	
		For >6 Months (>26 Weeks) , Deduct	*-33.70*	
01 22 23 00-0350	WK	6' x 8' Trench Box With Up To 48" Spreaders	330.42	
01 22 23 00-0351	MO	6' x 8' Trench Box With Up To 48" Spreaders	991.26	
		For >6 Months (>26 Weeks) , Deduct	*-39.65*	
01 22 23 00-0352	WK	8' x 8' Trench Box With Up To 48" Spreaders	371.72	
01 22 23 00-0353	MO	8' x 8' Trench Box With Up To 48" Spreaders	1,115.17	
		For >6 Months (>26 Weeks) , Deduct	*-44.61*	
01 22 23 00-0354	WK	4' x 10' Trench Box With Up To 48" Spreaders	313.90	
01 22 23 00-0355	MO	4' x 10' Trench Box With Up To 48" Spreaders	941.70	
		For >6 Months (>26 Weeks) , Deduct	*-37.67*	
01 22 23 00-0356	WK	6' x 10' Trench Box With Up To 48" Spreaders	371.72	
01 22 23 00-0357	MO	6' x 10' Trench Box With Up To 48" Spreaders	1,115.17	
		For >6 Months (>26 Weeks) , Deduct	*-44.61*	
01 22 23 00-0358	WK	8' x 10' Trench Box With Up To 48" Spreaders	454.33	
01 22 23 00-0359	MO	8' x 10' Trench Box With Up To 48" Spreaders	1,354.72	
		For >6 Months (>26 Weeks) , Deduct	*-54.19*	
01 22 23 00-0360	WK	4' x 12' Trench Box With Up To 48" Spreaders	371.72	
01 22 23 00-0361	MO	4' x 12' Trench Box With Up To 48" Spreaders	1,115.17	
		For >6 Months (>26 Weeks) , Deduct	*-44.61*	
01 22 23 00-0362	WK	6' x 12' Trench Box With Up To 48" Spreaders	454.33	
01 22 23 00-0363	MO	6' x 12' Trench Box With Up To 48" Spreaders	1,362.98	
		For >6 Months (>26 Weeks) , Deduct	*-54.52*	
01 22 23 00-0364	WK	8' x 12' Trench Box With Up To 48" Spreaders	578.24	
01 22 23 00-0365	MO	8' x 12' Trench Box With Up To 48" Spreaders	1,734.70	
		For >6 Months (>26 Weeks) , Deduct	*-69.39*	
01 22 23 00-0366	WK	4' x 14' Trench Box With Up To 48" Spreaders	413.02	
01 22 23 00-0367	MO	4' x 14' Trench Box With Up To 48" Spreaders	1,239.08	
		For >6 Months (>26 Weeks) , Deduct	*-49.56*	
01 22 23 00-0368	WK	6' x 14' Trench Box With Up To 48" Spreaders	536.93	
01 22 23 00-0369	MO	6' x 14' Trench Box With Up To 48" Spreaders	1,610.80	
		For >6 Months (>26 Weeks) , Deduct	*-64.43*	
01 22 23 00-0370	WK	8' x 14' Trench Box With Up To 48" Spreaders	660.84	
01 22 23 00-0371	MO	8' x 14' Trench Box With Up To 48" Spreaders	1,982.52	
		For >6 Months (>26 Weeks) , Deduct	*-79.30*	
01 22 23 00-0372	WK	4' x 16' Trench Box With Up To 48" Spreaders	454.33	
01 22 23 00-0373	MO	4' x 16' Trench Box With Up To 48" Spreaders	1,362.98	
		For >6 Months (>26 Weeks) , Deduct	*-54.52*	
01 22 23 00-0374	WK	6' x 16' Trench Box With Up To 48" Spreaders	619.54	
01 22 23 00-0375	MO	6' x 16' Trench Box With Up To 48" Spreaders	1,858.61	
		For >6 Months (>26 Weeks) , Deduct	*-74.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0376	WK	8' x 16' Trench Box With Up To 48" Spreaders	743.44	
01 22 23 00-0377	MO	8' x 16' Trench Box With Up To 48" Spreaders	2,230.34	
		For >6 Months (>26 Weeks) , Deduct	*-89.21*	
01 22 23 00-0378	WK	4' x 20' Trench Box With Up To 48" Spreaders	536.93	
01 22 23 00-0379	MO	4' x 20' Trench Box With Up To 48" Spreaders	1,610.80	
		For >6 Months (>26 Weeks) , Deduct	*-64.43*	
01 22 23 00-0380	WK	6' x 20' Trench Box With Up To 48" Spreaders	743.44	
01 22 23 00-0381	MO	6' x 20' Trench Box With Up To 48" Spreaders	2,230.34	
		For >6 Months (>26 Weeks) , Deduct	*-89.21*	
01 22 23 00-0382	WK	8' x 20' Trench Box With Up To 48" Spreaders	867.35	
01 22 23 00-0383	MO	8' x 20' Trench Box With Up To 48" Spreaders	2,602.06	
		For >6 Months (>26 Weeks) , Deduct	*-104.08*	
01 22 23 00-0384	WK	4' x 24' Trench Box With Up To 48" Spreaders	743.44	
01 22 23 00-0385	MO	4' x 24' Trench Box With Up To 48" Spreaders	2,230.34	
		For >6 Months (>26 Weeks) , Deduct	*-89.21*	
01 22 23 00-0386	WK	6' x 24' Trench Box With Up To 48" Spreaders	908.66	
01 22 23 00-0387	MO	6' x 24' Trench Box With Up To 48" Spreaders	2,725.96	
		For >6 Months (>26 Weeks) , Deduct	*-109.04*	
01 22 23 00-0388	WK	8' x 24' Trench Box With Up To 48" Spreaders	991.26	
01 22 23 00-0389	MO	8' x 24' Trench Box With Up To 48" Spreaders	2,973.78	
		For >6 Months (>26 Weeks) , Deduct	*-118.95*	
01 22 23 00-0390	WK	For Spreaders >48" To 84", Add	24.78	
01 22 23 00-0391	MO	For Spreaders >48" To 84", Add	74.34	
		For >6 Months (>26 Weeks) , Deduct	*-2.97*	
01 22 23 00-0392	WK	For Spreaders >84" To 120", Add	148.69	
01 22 23 00-0393	MO	For Spreaders >84" To 120", Add	446.07	
		For >6 Months (>26 Weeks) , Deduct	*-17.84*	
01 22 23 00-0394	WK	For Spreaders >120", Add	313.90	
01 22 23 00-0395	MO	For Spreaders >120", Add	941.70	
		For >6 Months (>26 Weeks) , Deduct	*-37.67*	
01 22 23 00-0396	WK	8' x 4' Manhole Box	390.31	
01 22 23 00-0397	MO	8' x 4' Manhole Box	1,170.93	
		For >6 Months (>26 Weeks) , Deduct	*-46.84*	
01 22 23 00-0398	WK	8' x 8' Manhole Box	557.58	
01 22 23 00-0399	MO	8' x 8' Manhole Box	1,672.75	
		For >6 Months (>26 Weeks) , Deduct	*-66.91*	

01 22 23 00-0400 Heavy Equipment (Ground Protection) Mats *(01 22 23 00-0163)*

Note: Rental price per mat. Excludes placement, moving, mobilization and demobilization.

01 22 23 00-0401	DAY	14' Width x 8' Length, 6" Thick, 3-Ply Laminated Heavy Equipment Mat	24.47	
01 22 23 00-0402	WK	14' Width x 8' Length, 6" Thick, 3-Ply Laminated Heavy Equipment Mat	58.25	
01 22 23 00-0403	MO	14' Width x 8' Length, 6" Thick, 3-Ply Laminated Heavy Equipment Mat	122.33	
		For >6 Months (>26 Weeks) , Deduct	*-4.89*	
01 22 23 00-0404	DAY	16' Width x 8' Length, 6" Thick, 3-Ply Laminated Heavy Equipment Mat	25.69	
01 22 23 00-0405	WK	16' Width x 8' Length, 6" Thick, 3-Ply Laminated Heavy Equipment Mat	61.16	
01 22 23 00-0406	MO	16' Width x 8' Length, 6" Thick, 3-Ply Laminated Heavy Equipment Mat	128.45	
		For >6 Months (>26 Weeks) , Deduct	*-5.14*	
01 22 23 00-0407	Day	16' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	20.80	
01 22 23 00-0408	WK	16' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	48.93	
01 22 23 00-0409	MO	16' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	103.98	
		For >6 Months (>26 Weeks) , Deduct	*-4.16*	
01 22 23 00-0410	Day	18' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	23.24	
01 22 23 00-0411	WK	18' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	55.05	
01 22 23 00-0412	MO	18' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	116.21	
		For >6 Months (>26 Weeks) , Deduct	*-4.65*	
01 22 23 00-0413	Day	20' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	25.69	
01 22 23 00-0414	WK	20' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	61.16	
01 22 23 00-0415	MO	20' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	128.45	
		For >6 Months (>26 Weeks) , Deduct	*-5.14*	
01 22 23 00-0416	Day	24' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	28.14	
01 22 23 00-0417	WK	24' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	66.99	
01 22 23 00-0418	MO	24' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	140.68	
		For >6 Months (>26 Weeks) , Deduct	*-5.63*	
01 22 23 00-0419	Day	12' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	22.02	
01 22 23 00-0420	WK	12' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	61.16	
01 22 23 00-0421	MO	12' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	110.10	
		For >6 Months (>26 Weeks) , Deduct	*-4.40*	
01 22 23 00-0422	Day	16' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	25.69	
01 22 23 00-0423	WK	16' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	61.16	
01 22 23 00-0424	MO	16' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	128.45	
		For >6 Months (>26 Weeks) , Deduct	*-5.14*	
01 22 23 00-0425	Day	20' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	30.58	
01 22 23 00-0426	WK	20' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	67.28	
01 22 23 00-0427	MO	20' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	152.91	
		For >6 Months (>26 Weeks) , Deduct	*-6.12*	
01 22 23 00-0428	Day	24' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	33.03	
01 22 23 00-0429	WK	24' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	78.64	
01 22 23 00-0430	MO	24' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	165.15	
		For >6 Months (>26 Weeks) , Deduct	*-6.61*	
01 22 23 00-0431	Day	28' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	35.48	
01 22 23 00-0432	WK	28' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	84.47	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0433	MO	28' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	177.38	
		For >6 Months (>26 Weeks) , Deduct	*-7.10*	
01 22 23 00-0434	Day	30' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	36.70	
01 22 23 00-0435	WK	30' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	87.38	
01 22 23 00-0436	MO	30' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	183.50	
		For >6 Months (>26 Weeks) , Deduct	*-7.34*	
01 22 23 00-0437	Day	14' Width x 8' Length, 2-3/4" Thick, Laminated Heavy Equipment Mat (Emtek™)	11.77	
01 22 23 00-0438	WK	14' Width x 8' Length, 2-3/4" Thick, Laminated Heavy Equipment Mat (Emtek™)	29.42	
01 22 23 00-0439	MO	14' Width x 8' Length, 2-3/4" Thick, Laminated Heavy Equipment Mat (Emtek™)	88.26	
		For >6 Months (>26 Weeks) , Deduct	*-3.53*	
01 22 23 00-0440	Day	14' Width x 8' Length, 3-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	14.07	
01 22 23 00-0441	WK	14' Width x 8' Length, 3-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	35.17	
01 22 23 00-0442	MO	14' Width x 8' Length, 3-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	105.51	
		For >6 Months (>26 Weeks) , Deduct	*-4.22*	
01 22 23 00-0443	Day	16' Width x 8' Length, 3-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	16.07	
01 22 23 00-0444	WK	16' Width x 8' Length, 3-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	40.16	
01 22 23 00-0445	MO	16' Width x 8' Length, 3-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	120.50	
		For >6 Months (>26 Weeks) , Deduct	*-4.82*	
01 22 23 00-0446	Day	14' Width x 8' Length, 4-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	17.13	
01 22 23 00-0447	WK	14' Width x 8' Length, 4-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	42.82	
01 22 23 00-0448	MO	14' Width x 8' Length, 4-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	128.45	
		For >6 Months (>26 Weeks) , Deduct	*-5.14*	
01 22 23 00-0449	Day	16' Width x 8' Length, 4-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	19.57	
01 22 23 00-0450	WK	16' Width x 8' Length, 4-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	48.93	
01 22 23 00-0451	MO	16' Width x 8' Length, 4-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	146.80	
		For >6 Months (>26 Weeks) , Deduct	*-5.87*	
01 22 23 00-0452	Day	16' Width x 8' Length, 5-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	22.49	
01 22 23 00-0453	WK	16' Width x 8' Length, 5-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	56.23	
01 22 23 00-0454	MO	16' Width x 8' Length, 5-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	168.69	
		For >6 Months (>26 Weeks) , Deduct	*-6.75*	
01 22 23 00-0455	Day	24' Width x 4' Length, 6" Thick, Laminated Heavy Equipment Mat (Emtek™)	17.31	
01 22 23 00-0456	WK	24' Width x 4' Length, 6" Thick, Laminated Heavy Equipment Mat (Emtek™)	43.26	
01 22 23 00-0457	MO	24' Width x 4' Length, 6" Thick, Laminated Heavy Equipment Mat (Emtek™)	129.79	
		For >6 Months (>26 Weeks) , Deduct	*-5.19*	
01 22 23 00-0458	Day	30' Width x 4' Length, 6-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	23.43	
01 22 23 00-0459	WK	30' Width x 4' Length, 6-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	58.58	
01 22 23 00-0460	MO	30' Width x 4' Length, 6-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	175.73	
		For >6 Months (>26 Weeks) , Deduct	*-7.03*	
01 22 23 00-0461	Day	24' Width x 4' Length, 7-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	20.26	
01 22 23 00-0462	WK	24' Width x 4' Length, 7-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	50.64	
01 22 23 00-0463	MO	24' Width x 4' Length, 7-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	151.93	
		For >6 Months (>26 Weeks) , Deduct	*-6.08*	
01 22 23 00-0464	Day	40' Width x 4' Length, 7-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	33.79	
01 22 23 00-0465	WK	40' Width x 4' Length, 7-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	84.46	
01 22 23 00-0466	MO	40' Width x 4' Length, 7-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	253.39	
		For >6 Months (>26 Weeks) , Deduct	*-10.14*	
01 22 23 00-0467	Day	40' Width x 4' Length, 8" Thick, Laminated Heavy Equipment Mat (Emtek™)	36.01	
01 22 23 00-0468	WK	40' Width x 4' Length, 8" Thick, Laminated Heavy Equipment Mat (Emtek™)	90.03	
01 22 23 00-0469	MO	40' Width x 4' Length, 8" Thick, Laminated Heavy Equipment Mat (Emtek™)	270.10	
		For >6 Months (>26 Weeks) , Deduct	*-10.80*	

01 22 23 00-0470 General Equipment *(01 22 23)*

01 22 23 00-0471 Jacks And Bracing *(01 22 23 00-0470)*

Note: Includes delivery to job site and pick-up when complete.

01 22 23 00-0472 Shores/Braces *(01 22 23 00-0471)*

01 22 23 00-0473	MO	Up To 5' Height, Adjustable Tubular Steel Shoring	14.62	
		For >6 Months (>26 Weeks) , Deduct	*-0.58*	
01 22 23 00-0474	MO	Up To 10' Height, Adjustable Tubular Steel Shoring	18.80	
		For >6 Months (>26 Weeks) , Deduct	*-0.75*	
01 22 23 00-0475	MO	>10' To 16' Height, Adjustable Tubular Steel Shoring	25.06	
		For >6 Months (>26 Weeks) , Deduct	*-1.00*	
01 22 23 00-0476	MO	Up To 10' Height, Adjustable Wood Shoring	8.13	
		For >6 Months (>26 Weeks) , Deduct	*-0.33*	
01 22 23 00-0477	MO	>10' To 16' Height, Adjustable Wood Shoring	10.83	
		For >6 Months (>26 Weeks) , Deduct	*-0.43*	
01 22 23 00-0478	EA	Erect And Strip Shores To 10'	13.22	
		For >20 To 50, Deduct	*-1.98*	
		For >50 To 100, Deduct	*-4.63*	
		For >100, Deduct	*-7.27*	
01 22 23 00-0479	EA	Erect And Strip Shores To 13'	15.87	
		For >20 To 50, Deduct	*-2.38*	
		For >50 To 100, Deduct	*-5.55*	
		For >100, Deduct	*-8.73*	
01 22 23 00-0480	EA	Erect And Strip Shores To 16'	18.50	
		For >20 To 50, Deduct	*-2.78*	
		For >50 To 100, Deduct	*-6.48*	
		For >100, Deduct	*-10.18*	

01 22 23 00-0481 Confined Space Entry Equipment *(01 22 23 00-0470)*

Note: Includes delivery to job site, set-up, and pick-up when complete.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0482	DAY	Ventilation Equipment For Confined Space Note: Includes electric or gas blower and ventilation duct up to 25'.	53.61	
01 22 23 00-0483	WK	Ventilation Equipment For Confined Space Note: Includes electric or gas blower and ventilation duct up to 25'.	160.84	
01 22 23 00-0484	MO	Ventilation Equipment For Confined Space Note: Includes electric or gas blower and ventilation duct up to 25'.	479.96	
		For >6 Months (>26 Weeks) , Deduct	*-19.20*	
01 22 23 00-0485	DAY	Confined Space Air Monitor, Tripod, Harness, Cables, SCBAs And Complete Assembly	64.20	
01 22 23 00-0486	WK	Confined Space Air Monitor, Tripod, Harness, Cables, SCBAs And Complete Assembly	192.60	
01 22 23 00-0487	MO	Confined Space Air Monitor, Tripod, Harness, Cables, SCBAs And Complete Assembly	577.80	
		For >6 Months (>26 Weeks) , Deduct	*-23.11*	
01 22 23 00-0488	DAY	Confined Space Air Monitor Personnel Note: Per person day.	946.97	

01 22 23 00-0489 Geophysical Instruments *(01 22 23 00-0470)*

Note: Includes delivery, set-up, and removal. Excludes prep fee.

01 22 23 00-0490	DAY	Schonstedt GA72 CD Fluxgate Magnetometer Note: The Model GA-72Cd Magnetic Locator detects the magnetic field of ferromagnetic objects. It responds to the difference in the magnetic field between two sensors which are spaced about 14 inches apart. The GA-72Cd is unique because it provides an audio signal, and visual indications of both signal strength and polarity. Although most objects can be located using either of the indications, simultaneous use of both types will help you pinpoint a target and determine its orientation and identify magnetically detectable non-metallic duct and cable.	22.40	
01 22 23 00-0491	DAY	Geometrics G858 Magnetometer Note: Displays coordinate grid, survey direction and five stacked profiles of mag data. Produces hard-copy maps within minutes of connection to PC. Comprised of a belt-mounted display/logging console connected to a cesium sensor mounted on a handheld counterbalanced staff. The console contains electronics to acquire magnetic field data with position and display it on an LCD screen for review and edit. The console stores high volumes of data in memory. Following the survey the data is transmitted at high speed to a processing computer for detailed analysis.	146.83	

01 22 23 00-0492 Direct Fired Space Heaters *(01 22 23 00-0470)*

Note: Includes delivery to job site, set-up, and pick-up when complete. Excludes operator.

01 22 23 00-0493	DAY	150,000 BTU/Hour Space Heater	77.23	
01 22 23 00-0494	WK	150,000 BTU/Hour Space Heater	222.03	
01 22 23 00-0495	MO	150,000 BTU/Hour Space Heater	627.48	
		For >6 Months (>26 Weeks) , Deduct	*-25.10*	

01 22 23 00-0496 Pumping Equipment *(01 22 23)*

01 22 23 00-0497 Gas Powered Portable Centrifugal Pumps *(01 22 23 00-0496)*

Note: Includes delivery, set-up, and removal. Excludes operator. See CSI section 01 22 23 00-0514 for larger diameter pumps.

01 22 23 00-0498	DAY	8,500 GPH, 2" Discharge, 108' Maximum Head, Gas Powered Portable Centrifugal Pump	79.62	
01 22 23 00-0499	WK	8,500 GPH, 2" Discharge, 108' Maximum Head, Gas Powered Portable Centrifugal Pump	179.14	
01 22 23 00-0500	MO	8,500 GPH, 2" Discharge, 108' Maximum Head, Gas Powered Portable Centrifugal Pump	477.72	
		For >6 Months (>26 Weeks) , Deduct	*-19.11*	
01 22 23 00-0501	DAY	16,500 GPH, 3" Discharge, 85' Maximum Head, Gas Powered Portable Centrifugal Pump	95.54	
01 22 23 00-0502	WK	16,500 GPH, 3" Discharge, 85' Maximum Head, Gas Powered Portable Centrifugal Pump	214.97	
01 22 23 00-0503	MO	16,500 GPH, 3" Discharge, 85' Maximum Head, Gas Powered Portable Centrifugal Pump	573.26	
		For >6 Months (>26 Weeks) , Deduct	*-22.93*	

01 22 23 00-0504 Gas Powered Portable Trash Pumps *(01 22 23 00-0496)*

Note: Includes delivery to job site and pick-up when complete. Excludes operator. See CSI section 01 22 23 00-0588 for operator.

01 22 23 00-0505	DAY	12,000 GPH, 2" Discharge, 100' Maximum Head, Gas Powered Portable Trash Pump	115.45	
01 22 23 00-0506	WK	12,000 GPH, 2" Discharge, 100' Maximum Head, Gas Powered Portable Trash Pump	238.86	
01 22 23 00-0507	MO	12,000 GPH, 2" Discharge, 100' Maximum Head, Gas Powered Portable Trash Pump	716.58	
		For >6 Months (>26 Weeks) , Deduct	*-28.66*	
01 22 23 00-0508	DAY	25,000 GPH, 3" Discharge, 90' Maximum Head, Gas Powered Portable Trash Pump	115.45	
01 22 23 00-0509	WK	25,000 GPH, 3" Discharge, 90' Maximum Head, Gas Powered Portable Trash Pump	308.53	
01 22 23 00-0510	MO	25,000 GPH, 3" Discharge, 90' Maximum Head, Gas Powered Portable Trash Pump	845.96	
		For >6 Months (>26 Weeks) , Deduct	*-33.84*	
01 22 23 00-0511	DAY	35,000 GPH, 4" Discharge, 106' Maximum Head, Gas Powered Portable Trash Pump	183.13	
01 22 23 00-0512	WK	35,000 GPH, 4" Discharge, 106' Maximum Head, Gas Powered Portable Trash Pump	517.53	
01 22 23 00-0513	MO	35,000 GPH, 4" Discharge, 106' Maximum Head, Gas Powered Portable Trash Pump	1,502.83	
		For >6 Months (>26 Weeks) , Deduct	*-60.11*	

01 22 23 00-0514 Diesel Powered Portable Trash Pumps *(01 22 23 00-0496)*

Note: Includes delivery, set-up, and removal. Excludes operator.

01 22 23 00-0515	DAY	63,000 GPH, 4" Discharge, 153' Maximum Head, Diesel Powered Portable Trash Pump	358.29	
01 22 23 00-0516	WK	63,000 GPH, 4" Discharge, 153' Maximum Head, Diesel Powered Portable Trash Pump	975.34	
01 22 23 00-0517	MO	63,000 GPH, 4" Discharge, 153' Maximum Head, Diesel Powered Portable Trash Pump	4,249.72	
		For >6 Months (>26 Weeks) , Deduct	*-169.99*	
01 22 23 00-0518	DAY	156,000 GPH, 6" Discharge, 160' Maximum Head, Diesel Powered Portable Trash Pump	547.39	
01 22 23 00-0519	WK	156,000 GPH, 6" Discharge, 160' Maximum Head, Diesel Powered Portable Trash Pump	1,433.16	
01 22 23 00-0520	MO	156,000 GPH, 6" Discharge, 160' Maximum Head, Diesel Powered Portable Trash Pump	3,811.81	
		For >6 Months (>26 Weeks) , Deduct	*-152.47*	
01 22 23 00-0521	DAY	246,000 GPH, 10" Discharge, 160' Maximum Head, Diesel Powered Portable Trash Pump	744.45	
01 22 23 00-0522	WK	246,000 GPH, 10" Discharge, 160' Maximum Head, Diesel Powered Portable Trash Pump	1,992.49	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0523	MO	246,000 GPH, 10" Discharge, 160' Maximum Head, Diesel Powered Portable Trash Pump	5,330.56	
		For >6 Months (>26 Weeks) , Deduct	*-213.22*	
01 22 23 00-0524	DAY	379,000 GPH, 12" Discharge, 104' Maximum Head, Diesel Powered Portable Trash Pump	963.40	
01 22 23 00-0525	WK	379,000 GPH, 12" Discharge, 104' Maximum Head, Diesel Powered Portable Trash Pump	2,460.26	
01 22 23 00-0526	MO	379,000 GPH, 12" Discharge, 104' Maximum Head, Diesel Powered Portable Trash Pump	7,225.52	
		For >6 Months (>26 Weeks) , Deduct	*-289.02*	

01 22 23 00-0527 Diesel Powered Portable Silenced Environmental Trash Pumps *(01 22 23 00-0496)*

Note: Includes delivery, set-up, and removal. Excludes operator.

01 22 23 00-0528	DAY	90,000 GPH, 4" Discharge, 330' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump	511.56	
01 22 23 00-0529	WK	90,000 GPH, 4" Discharge, 330' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump	1,164.44	
01 22 23 00-0530	MO	90,000 GPH, 4" Discharge, 330' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump	3,630.67	
		For >6 Months (>26 Weeks) , Deduct	*-145.23*	
01 22 23 00-0531	DAY	136,800 GPH, 6" Discharge, 158' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump	627.01	
01 22 23 00-0532	WK	136,800 GPH, 6" Discharge, 158' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump	1,562.54	
01 22 23 00-0533	MO	136,800 GPH, 6" Discharge, 158' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump	4,249.72	
		For >6 Months (>26 Weeks) , Deduct	*-169.99*	
01 22 23 00-0534	DAY	246,000 GPH, 10" Discharge, 158' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump	756.39	
01 22 23 00-0535	WK	246,000 GPH, 10" Discharge, 158' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump	2,237.32	
01 22 23 00-0536	MO	246,000 GPH, 10" Discharge, 158' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump	6,240.22	
		For >6 Months (>26 Weeks) , Deduct	*-249.61*	
01 22 23 00-0537	DAY	510,000 GPH, 12" Discharge, 200' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump	1,138.57	
01 22 23 00-0538	WK	510,000 GPH, 12" Discharge, 200' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump	2,908.12	
01 22 23 00-0539	MO	510,000 GPH, 12" Discharge, 200' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump	8,539.24	
		For >6 Months (>26 Weeks) , Deduct	*-341.57*	

01 22 23 00-0540 3 Phase Electric Submersible Pumps *(01 22 23 00-0496)*

Note: Includes delivery to job site and pick-up when complete. Excludes operator. See CSI section 01 22 23 00-0588 for operator.

01 22 23 00-0541	DAY	24,000 GPH, 3" Discharge, 78' Maximum Head, 3 Phase Electric Submersible Pump	199.05	
01 22 23 00-0542	WK	24,000 GPH, 3" Discharge, 78' Maximum Head, 3 Phase Electric Submersible Pump	497.62	
01 22 23 00-0543	MO	24,000 GPH, 3" Discharge, 78' Maximum Head, 3 Phase Electric Submersible Pump	1,492.88	
		For >6 Months (>26 Weeks) , Deduct	*-59.72*	
01 22 23 00-0544	DAY	49,800 GPH, 4" Discharge, 98' Maximum Head, 3 Phase Electric Submersible Pump	262.75	
01 22 23 00-0545	WK	49,800 GPH, 4" Discharge, 98' Maximum Head, 3 Phase Electric Submersible Pump	656.86	
01 22 23 00-0546	MO	49,800 GPH, 4" Discharge, 98' Maximum Head, 3 Phase Electric Submersible Pump	1,970.60	
		For >6 Months (>26 Weeks) , Deduct	*-78.82*	

01 22 23 00-0547 Suction Hose With Couplings *(01 22 23 00-0496)*

Note: Includes delivery, set-up, and removal.

01 22 23 00-0548	DAY	Up To 2" Inside Diameter, 20' Length, Suction Hose With Couplings	5.76	
01 22 23 00-0549	WK	Up To 2" Inside Diameter, 20' Length, Suction Hose With Couplings	14.40	
01 22 23 00-0550	MO	Up To 2" Inside Diameter, 20' Length, Suction Hose With Couplings	44.16	
		For >6 Months (>26 Weeks) , Deduct	*-1.77*	
01 22 23 00-0551	DAY	3" Inside Diameter, 20' Length, Suction Hose With Couplings	15.36	
01 22 23 00-0552	WK	3" Inside Diameter, 20' Length, Suction Hose With Couplings	39.36	
01 22 23 00-0553	MO	3" Inside Diameter, 20' Length, Suction Hose With Couplings	120.00	
		For >6 Months (>26 Weeks) , Deduct	*-4.80*	
01 22 23 00-0554	DAY	4" Inside Diameter, 20' Length, Suction Hose With Couplings	23.04	
01 22 23 00-0555	WK	4" Inside Diameter, 20' Length, Suction Hose With Couplings	58.56	
01 22 23 00-0556	MO	4" Inside Diameter, 20' Length, Suction Hose With Couplings	177.60	
		For >6 Months (>26 Weeks) , Deduct	*-7.10*	
01 22 23 00-0557	DAY	6" Inside Diameter, 20' Length, Suction Hose With Couplings	28.80	
01 22 23 00-0558	WK	6" Inside Diameter, 20' Length, Suction Hose With Couplings	72.00	
01 22 23 00-0559	MO	6" Inside Diameter, 20' Length, Suction Hose With Couplings	211.20	
		For >6 Months (>26 Weeks) , Deduct	*-8.45*	
01 22 23 00-0560	DAY	10" Inside Diameter, 20' Length, Suction Hose With Couplings	67.20	
01 22 23 00-0561	WK	10" Inside Diameter, 20' Length, Suction Hose With Couplings	172.80	
01 22 23 00-0562	MO	10" Inside Diameter, 20' Length, Suction Hose With Couplings	508.80	
		For >6 Months (>26 Weeks) , Deduct	*-20.35*	
01 22 23 00-0563	DAY	12" Inside Diameter, 20' Length, Suction Hose With Couplings	90.24	
01 22 23 00-0564	WK	12" Inside Diameter, 20' Length, Suction Hose With Couplings	196.80	
01 22 23 00-0565	MO	12" Inside Diameter, 20' Length, Suction Hose With Couplings	590.40	
		For >6 Months (>26 Weeks) , Deduct	*-23.62*	

01 22 23 00-0566 Discharge Hose With Couplings *(01 22 23 00-0496)*

Note: Includes delivery, set-up, and removal.

01 22 23 00-0567	DAY	1-1/2" Inside Diameter, 50' Length, Discharge Hose With Couplings	5.76	
01 22 23 00-0568	WK	1-1/2" Inside Diameter, 50' Length, Discharge Hose With Couplings	14.40	
01 22 23 00-0569	MO	1-1/2" Inside Diameter, 50' Length, Discharge Hose With Couplings	44.16	
		For >6 Months (>26 Weeks) , Deduct	*-1.77*	
01 22 23 00-0570	DAY	2" Inside Diameter, 50' Length, Discharge Hose With Couplings	6.72	
01 22 23 00-0571	WK	2" Inside Diameter, 50' Length, Discharge Hose With Couplings	16.32	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0572	MO	2" Inside Diameter, 50' Length, Discharge Hose With Couplings	50.88	
		For >6 Months (>26 Weeks) , Deduct	*-2.04*	
01 22 23 00-0573	DAY	3" Inside Diameter, 50' Length, Discharge Hose With Couplings	7.68	
01 22 23 00-0574	WK	3" Inside Diameter, 50' Length, Discharge Hose With Couplings	19.20	
01 22 23 00-0575	MO	3" Inside Diameter, 50' Length, Discharge Hose With Couplings	58.56	
		For >6 Months (>26 Weeks) , Deduct	*-2.34*	
01 22 23 00-0576	DAY	4" Inside Diameter, 50' Length, Discharge Hose With Couplings	20.16	
01 22 23 00-0577	WK	4" Inside Diameter, 50' Length, Discharge Hose With Couplings	51.84	
01 22 23 00-0578	MO	4" Inside Diameter, 50' Length, Discharge Hose With Couplings	148.80	
		For >6 Months (>26 Weeks) , Deduct	*-5.95*	
01 22 23 00-0579	DAY	6" Inside Diameter, 50' Length, Discharge Hose With Couplings	24.96	
01 22 23 00-0580	WK	6" Inside Diameter, 50' Length, Discharge Hose With Couplings	68.16	
01 22 23 00-0581	MO	6" Inside Diameter, 50' Length, Discharge Hose With Couplings	187.20	
		For >6 Months (>26 Weeks) , Deduct	*-7.49*	
01 22 23 00-0582	DAY	10" Inside Diameter, 10' Length, Discharge Hose With Couplings	19.20	
01 22 23 00-0583	WK	10" Inside Diameter, 10' Length, Discharge Hose With Couplings	48.00	
01 22 23 00-0584	MO	10" Inside Diameter, 10' Length, Discharge Hose With Couplings	144.00	
		For >6 Months (>26 Weeks) , Deduct	*-5.76*	
01 22 23 00-0585	DAY	12" Inside Diameter, 10' Length, Discharge Hose With Couplings	48.96	
01 22 23 00-0586	WK	12" Inside Diameter, 10' Length, Discharge Hose With Couplings	124.80	
01 22 23 00-0587	MO	12" Inside Diameter, 10' Length, Discharge Hose With Couplings	369.60	
		For >6 Months (>26 Weeks) , Deduct	*-14.78*	

01 22 23 00-0588 Pump Site Set-up and Operations *(01 22 23 00-0496)*

01 22 23 00-0589	EA	Set-up Pump	211.51	
01 22 23 00-0590	LF	Set-up Pump Hoses	0.66	
		Note: Includes removal after use.		
01 22 23 00-0591	DAY	Operator To Fill Storage Tank Or Drum	846.01	
01 22 23 00-0592	DAY	Operation Of Pump	211.51	
		Note: Includes re-filling fuel, checking on pump and hoses during operation.		

01 22 23 00-0593 Hydraulic Submersible Pumps *(01 22 23 00-0496)*

Note: Includes delivery, set-up, and removal. Excludes operator.

01 22 23 00-0594 Hydraulic Submersible Pumps *(01 22 23 00-0593)*

Note: Includes delivery, set-up, and removal. Excludes operator.

01 22 23 00-0595	DAY	60,000 GPH, 4" Discharge, 115' Maximum Head, Hydraulic Submersible Pump	131.37	
01 22 23 00-0596	WK	60,000 GPH, 4" Discharge, 115' Maximum Head, Hydraulic Submersible Pump	352.32	
01 22 23 00-0597	MO	60,000 GPH, 4" Discharge, 115' Maximum Head, Hydraulic Submersible Pump	985.30	
		For >6 Months (>26 Weeks) , Deduct	*-39.41*	
01 22 23 00-0598	DAY	132,000 GPH, 6" Discharge, 90' Maximum Head, Hydraulic Submersible Pump	167.20	
01 22 23 00-0599	WK	132,000 GPH, 6" Discharge, 90' Maximum Head, Hydraulic Submersible Pump	429.95	
01 22 23 00-0600	MO	132,000 GPH, 6" Discharge, 90' Maximum Head, Hydraulic Submersible Pump	1,313.73	
		For >6 Months (>26 Weeks) , Deduct	*-52.55*	

01 22 23 00-0601 Hydraulic Submersible Pump Diesel Power Packs *(01 22 23 00-0593)*

Note: Includes delivery, set-up, and removal. Excludes operator.

01 22 23 00-0602	DAY	100 HP, Hydraulic Submersible Pump Diesel Power Pack	303.55	
01 22 23 00-0603	WK	100 HP, Hydraulic Submersible Pump Diesel Power Pack	905.68	
01 22 23 00-0604	MO	100 HP, Hydraulic Submersible Pump Diesel Power Pack	2,388.60	
		For >6 Months (>26 Weeks) , Deduct	*-95.54*	

01 22 23 00-0605 HDPE Pipe With Couplings *(01 22 23 00-0496)*

Note: Includes delivery, set-up, and removal.

01 22 23 00-0606	DAY	4" x 50' HDPE Pipe With Couplings	12.10	
01 22 23 00-0607	WK	4" x 50' HDPE Pipe With Couplings	29.03	
01 22 23 00-0608	MO	4" x 50' HDPE Pipe With Couplings	89.52	
		For >6 Months (>26 Weeks) , Deduct	*-3.58*	
01 22 23 00-0609	DAY	6" x 50' HDPE Pipe With Couplings	19.36	
01 22 23 00-0610	WK	6" x 50' HDPE Pipe With Couplings	48.39	
01 22 23 00-0611	MO	6" x 50' HDPE Pipe With Couplings	147.58	
		For >6 Months (>26 Weeks) , Deduct	*-5.90*	
01 22 23 00-0612	DAY	8" x 50' HDPE Pipe With Couplings	31.45	
01 22 23 00-0613	WK	8" x 50' HDPE Pipe With Couplings	82.26	
01 22 23 00-0614	MO	8" x 50' HDPE Pipe With Couplings	244.36	
		For >6 Months (>26 Weeks) , Deduct	*-9.77*	
01 22 23 00-0615	DAY	10" x 50' HDPE Pipe With Couplings	38.71	
01 22 23 00-0616	WK	10" x 50' HDPE Pipe With Couplings	99.20	
01 22 23 00-0617	MO	10" x 50' HDPE Pipe With Couplings	302.42	
		For >6 Months (>26 Weeks) , Deduct	*-12.10*	
01 22 23 00-0618	DAY	12" x 20' HDPE Pipe With Couplings	29.03	
01 22 23 00-0619	WK	12" x 20' HDPE Pipe With Couplings	79.84	
01 22 23 00-0620	MO	12" x 20' HDPE Pipe With Couplings	241.94	
		For >6 Months (>26 Weeks) , Deduct	*-9.68*	
01 22 23 00-0621	DAY	4" Elbow For HDPE Pipe, Quick Connect	29.03	
01 22 23 00-0622	WK	4" Elbow For HDPE Pipe, Quick Connect	75.00	
01 22 23 00-0623	MO	4" Elbow For HDPE Pipe, Quick Connect	222.58	
		For >6 Months (>26 Weeks) , Deduct	*-8.90*	
01 22 23 00-0624	DAY	6" Elbow For HDPE Pipe, Quick Connect	33.87	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0625	WK	6" Elbow For HDPE Pipe, Quick Connect	87.10	
01 22 23 00-0626	MO	6" Elbow For HDPE Pipe, Quick Connect	266.13	
		For >6 Months (>26 Weeks) , Deduct	*-10.65*	
01 22 23 00-0627	DAY	8" Elbow For HDPE Pipe, Quick Connect	38.71	
01 22 23 00-0628	WK	8" Elbow For HDPE Pipe, Quick Connect	99.20	
01 22 23 00-0629	MO	8" Elbow For HDPE Pipe, Quick Connect	302.42	
		For >6 Months (>26 Weeks) , Deduct	*-12.10*	
01 22 23 00-0630	DAY	10" Elbow For HDPE Pipe, Quick Connect	48.39	
01 22 23 00-0631	WK	10" Elbow For HDPE Pipe, Quick Connect	123.39	
01 22 23 00-0632	MO	10" Elbow For HDPE Pipe, Quick Connect	375.01	
		For >6 Months (>26 Weeks) , Deduct	*-15.00*	
01 22 23 00-0633	DAY	12" Elbow For HDPE Pipe, Quick Connect	48.39	
01 22 23 00-0634	WK	12" Elbow For HDPE Pipe, Quick Connect	123.39	
01 22 23 00-0635	MO	12" Elbow For HDPE Pipe, Quick Connect	375.01	
		For >6 Months (>26 Weeks) , Deduct	*-15.00*	
01 22 23 00-0636	DAY	4" Tee For HDPE Pipe, Quick Connect	29.03	
01 22 23 00-0637	WK	4" Tee For HDPE Pipe, Quick Connect	75.00	
01 22 23 00-0638	MO	4" Tee For HDPE Pipe, Quick Connect	222.58	
		For >6 Months (>26 Weeks) , Deduct	*-8.90*	
01 22 23 00-0639	DAY	6" Tee For HDPE Pipe, Quick Connect	38.71	
01 22 23 00-0640	WK	6" Tee For HDPE Pipe, Quick Connect	99.20	
01 22 23 00-0641	MO	6" Tee For HDPE Pipe, Quick Connect	302.42	
		For >6 Months (>26 Weeks) , Deduct	*-12.10*	
01 22 23 00-0642	DAY	8" Tee For HDPE Pipe, Quick Connect	48.39	
01 22 23 00-0643	WK	8" Tee For HDPE Pipe, Quick Connect	123.39	
01 22 23 00-0644	MO	8" Tee For HDPE Pipe, Quick Connect	375.01	
		For >6 Months (>26 Weeks) , Deduct	*-15.00*	
01 22 23 00-0645	DAY	10" Tee For HDPE Pipe, Quick Connect	58.07	
01 22 23 00-0646	WK	10" Tee For HDPE Pipe, Quick Connect	147.58	
01 22 23 00-0647	MO	10" Tee For HDPE Pipe, Quick Connect	447.59	
		For >6 Months (>26 Weeks) , Deduct	*-17.90*	
01 22 23 00-0648	DAY	12" Tee For HDPE Pipe, Quick Connect	58.07	
01 22 23 00-0649	WK	12" Tee For HDPE Pipe, Quick Connect	147.58	
01 22 23 00-0650	MO	12" Tee For HDPE Pipe, Quick Connect	447.59	
		For >6 Months (>26 Weeks) , Deduct	*-17.90*	
01 22 23 00-0651	DAY	4" Cap For HDPE Pipe, Quick Connect	4.84	
01 22 23 00-0652	WK	4" Cap For HDPE Pipe, Quick Connect	14.52	
01 22 23 00-0653	MO	4" Cap For HDPE Pipe, Quick Connect	43.55	
		For >6 Months (>26 Weeks) , Deduct	*-1.74*	
01 22 23 00-0654	DAY	6" Cap For HDPE Pipe, Quick Connect	4.84	
01 22 23 00-0655	WK	6" Cap For HDPE Pipe, Quick Connect	14.52	
01 22 23 00-0656	MO	6" Cap For HDPE Pipe, Quick Connect	43.55	
		For >6 Months (>26 Weeks) , Deduct	*-1.74*	
01 22 23 00-0657	DAY	8" Cap For HDPE Pipe, Quick Connect	4.84	
01 22 23 00-0658	WK	8" Cap For HDPE Pipe, Quick Connect	14.52	
01 22 23 00-0659	MO	8" Cap For HDPE Pipe, Quick Connect	43.55	
		For >6 Months (>26 Weeks) , Deduct	*-1.74*	
01 22 23 00-0660	DAY	10" Cap For HDPE Pipe, Quick Connect	4.84	
01 22 23 00-0661	WK	10" Cap For HDPE Pipe, Quick Connect	14.52	
01 22 23 00-0662	MO	10" Cap For HDPE Pipe, Quick Connect	43.55	
		For >6 Months (>26 Weeks) , Deduct	*-1.74*	
01 22 23 00-0663	DAY	12" Cap For HDPE Pipe, Quick Connect	4.84	
01 22 23 00-0664	WK	12" Cap For HDPE Pipe, Quick Connect	14.52	
01 22 23 00-0665	MO	12" Cap For HDPE Pipe, Quick Connect	43.55	
		For >6 Months (>26 Weeks) , Deduct	*-1.74*	
01 22 23 00-0666	DAY	4" Wye For HDPE Pipe, Quick Connect	14.52	
01 22 23 00-0667	WK	4" Wye For HDPE Pipe, Quick Connect	36.29	
01 22 23 00-0668	MO	4" Wye For HDPE Pipe, Quick Connect	111.29	
		For >6 Months (>26 Weeks) , Deduct	*-4.45*	
01 22 23 00-0669	DAY	6" Wye For HDPE Pipe, Quick Connect	16.94	
01 22 23 00-0670	WK	6" Wye For HDPE Pipe, Quick Connect	43.55	
01 22 23 00-0671	MO	6" Wye For HDPE Pipe, Quick Connect	133.07	
		For >6 Months (>26 Weeks) , Deduct	*-5.32*	
01 22 23 00-0672	DAY	8" Wye For HDPE Pipe, Quick Connect	29.03	
01 22 23 00-0673	WK	8" Wye For HDPE Pipe, Quick Connect	75.00	
01 22 23 00-0674	MO	8" Wye For HDPE Pipe, Quick Connect	222.58	
		For >6 Months (>26 Weeks) , Deduct	*-8.90*	
01 22 23 00-0675	DAY	10" Wye For HDPE Pipe, Quick Connect	43.55	
01 22 23 00-0676	WK	10" Wye For HDPE Pipe, Quick Connect	111.29	
01 22 23 00-0677	MO	10" Wye For HDPE Pipe, Quick Connect	338.72	
		For >6 Months (>26 Weeks) , Deduct	*-13.55*	
01 22 23 00-0678	DAY	12" Wye For HDPE Pipe, Quick Connect	43.55	
01 22 23 00-0679	WK	12" Wye For HDPE Pipe, Quick Connect	111.29	
01 22 23 00-0680	MO	12" Wye For HDPE Pipe, Quick Connect	338.72	
		For >6 Months (>26 Weeks) , Deduct	*-13.55*	

01 22 23 00-0681 Truck And Trailer Equipment *(01 22 23)*

01 22 23 00-0682 Trucks *(01 22 23 00-0681)*
Note: Includes driver, delivery, and removal.

01 22 23 00-0683 Rear Dump Trucks *(01 22 23 00-0682)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0684	DAY	10 CY Rear Dump Truck, With Full-Time Truck Driver	2,550.07	
		For Equipment Without Operator, Deduct	*-723.82*	
01 22 23 00-0685	WK	10 CY Rear Dump Truck, With Full-Time Truck Driver	7,836.56	
		For Equipment Without Operator, Deduct	*-3,619.10*	
01 22 23 00-0686	MO	10 CY Rear Dump Truck, With Full-Time Truck Driver	26,719.13	
		For Equipment Without Operator, Deduct	*-15,682.79*	
		For >6 Months (>26 Weeks) , Deduct	*-441.45*	
01 22 23 00-0687	DAY	20 CY Rear Dump Truck, With Full-Time Truck Driver	2,732.70	
		For Equipment Without Operator, Deduct	*-723.82*	
01 22 23 00-0688	WK	20 CY Rear Dump Truck, With Full-Time Truck Driver	8,258.30	
		For Equipment Without Operator, Deduct	*-3,619.10*	
01 22 23 00-0689	MO	20 CY Rear Dump Truck, With Full-Time Truck Driver	27,822.76	
		For Equipment Without Operator, Deduct	*-15,682.79*	
		For >6 Months (>26 Weeks) , Deduct	*-485.60*	

01 30 Administrative Requirements *(01)*

01 31 Project Management and Coordination *(01 30)*

01 31 33 Project Minimum Labor Costs *(01 31)*

01 31 33 00-0001 Project Minimum Labor Cost *(01 31 33)*

Note: The Minimum Labor Cost is to be used for the work of individual Contractors or Subcontractors and is based on a half day minimum charge. Not for use on existing projects where the Contractor or Subcontractor performing the work is already on site and is not required to re-mobilize. Use the Minimum Labor Cost only when the sum of the labor component for all individual work tasks relating to the work of an individual Contractor or Subcontractor is less than the Minimum Labor Cost. When using the Minimum Labor Cost, delete the labor component from all applicable CTC work tasks. The Contractor is still entitled to the material and equipment components of the appropriate work tasks necessary to complete the work.

CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 31 33 00-0002	EA	Minimum Labor Cost, 1 Person Crew Size	420.60	
		For Full Day Minimum Charge, Add	*420.60*	
01 31 33 00-0003	EA	Minimum Labor Cost, 2 Person Crew Size	894.08	
		For Full Day Minimum Charge, Add	*894.08*	
01 31 33 00-0004	EA	Minimum Labor Cost, 3 Person Crew Size	1,314.67	
		For Full Day Minimum Charge, Add	*1,314.67*	

01 40 Quality Requirements *(01)*

01 41 Regulatory Requirements *(01 40)*

01 41 26 Permit Requirements *(01 41)*

See CSI section 01 22 16 00-0005 for reimbursable fees.

01 42 References *(01 40)*

01 42 13 Abbreviations and Acronyms *(01 42)*

Note: For specification publishing. Review specifications for requirements.

CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 42 13 00-0001	NTE	Abbreviations And Acronyms	0.00	
		Note: For specification publishing. Review specifications for requirements.		

01 42 16 Definitions *(01 42)*

Note: For specification publishing. Review specifications for requirements.

CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 42 16 00-0001	NTE	Definitions	0.00	
		Note: For specification publishing. Review specifications for requirements.		

01 42 19 Reference Standards *(01 42)*

Note: For specification publishing. Review specifications for requirements.

CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 42 19 00-0001	NTE	Reference Standards	0.00	
		Note: For specification publishing. Review specifications for requirements.		

01 42 21 Construction Suppliers or Venor List *(01 42)*

Note: For specification publishing. Review specifications for requirements.

CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 42 21 00-0001	NTE	Construction Suppliers or Venor List	0.00	
		Note: For specification publishing. Review specifications for requirements.		

01 45 Quality Control *(01 40)*

Note: Refer to section specifications for testing included with other sections.

01 45 23 Testing and Inspecting Services *(01 45)*

Note: For application to existing materials/site conditions or additional testing over specifications stated tests. Includes acquisition and maintenance of sample (for laboratory tests) to include shipping as required, applicable equipment for field tests, and appropriate test reports.

01 45 23 00-0001 Soils/Aggregate Testing *(01 45 23)*

01 45 23 00-0002 Field Soils Tests *(01 45 23 00-0001)*

CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 45 23 00-0003	EA	Plasticity Index Soils Test, ASTM D-4318, Field Soils Test	343.56	
01 45 23 00-0004	EA	4" Compaction Curves Soils Test, ASTM D-1557, Field Soils Test	487.63	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 45 23 00-0005	EA	6" Compaction Curves Soils Test, ASTM D-1557, Field Soils Test	554.12	
01 45 23 00-0006	EA	Resistance (R) Value Soils Test, CA 301, Field Soils Test	443.30	
01 45 23 00-0007	EA	Soils Classification Test, ASTM D-2487, Field Soils Test	664.95	
01 45 23 00-0008	SET	Cement Treated Base Laboratory Design, Soil Cement, Field Soils Test	1,329.47	
01 45 23 00-0009	EA	Moisture Content, Field Soils Test	49.86	
01 45 23 00-0010	EA	UBC Or Swell Test, Field Soils Test	132.99	
01 45 23 00-0011	EA	Proctor Compaction 4" Standard Mold ASTM D698, Field Soils Test	332.37	
01 45 23 00-0012	EA	Proctor Compaction 6" Standard Mold, Field Soils Test	415.46	
01 45 23 00-0013	EA	Density And Classification Test, Field Soils Test	101.23	
01 45 23 00-0014	EA	Percolation Test, Field Soils Test	253.08	
01 45 23 00-0015	EA	Infiltration Test, Field Soils Test	506.16	
01 45 23 00-0016		**Aggregate Testing** *(01 45 23 00-0001)*		
01 45 23 00-0017	EA	Coarse Aggregate Sieve Analysis Test, ASTM C-136, CA 202	110.82	
01 45 23 00-0018	EA	Fine Aggregate Sieve Analysis Test, ASTM C-136, CA 202	199.48	
01 45 23 00-0019	EA	Combined Aggregate Sieve Analysis Test, ASTM C-136, CA 202	277.06	
01 45 23 00-0020	EA	Sieve Analysis, Pit Run, ASTM C136 Note: Includes wash.	164.50	
01 45 23 00-0021	EA	Specific Special Gravity, Course, ASTM C127 Note: Includes absorption test.	176.08	
01 45 23 00-0022	EA	Special Gravity, Fine, ASTM C127 Note: Includes absorption test.	157.87	
01 45 23 00-0023	EA	Coarse Aggregate Bulk SSD Specific Gravity Test, ASTM C-128	234.78	
01 45 23 00-0024	EA	Fine Aggregate Bulk SSD Specific Gravity Test, ASTM C-128	221.65	
01 45 23 00-0025	EA	Aggregate Cleanness Value, ASTM C-128, CA 227	221.65	
01 45 23 00-0026	EA	Sand Equivalent, Average of 3 Tests, ASTM D2419, CA 217	166.24	
01 45 23 00-0027	EA	Fine Aggregate Durability Index, CA 229	177.32	
01 45 23 00-0028	EA	Sodium And Magnesium Soundness, ASTM C88	465.31	
01 45 23 00-0029	EA	Los Angeles Rattler, ASTM C-131, CA 211	354.64	
01 45 23 00-0030	EA	Los Angeles Rattler, ASTM C-535	354.64	
01 45 23 00-0031	EA	Unit Weight Of Aggregates, ASTM C29	99.74	
01 45 23 00-0032	EA	Organic Impurities In Sand, ASTM C40	99.71	
01 45 23 00-0033	EA	Crushed Particle, ASTM California Test Method	99.71	
01 45 23 00-0034	EA	Clay Lump And Friable Particles, ASTM C142	199.42	
01 45 23 00-0035		**Permeability Tests** *(01 45 23 00-0001)*		
01 45 23 00-0036		**In-Place Tests** *(01 45 23 00-0035)*		
01 45 23 00-0037	EA	Double Ring Infiltrometer Test, ASTM D3385	1,760.85	
01 45 23 00-0038	EA	Unconfined Compressive Strength (Pocket Penetrometer) Test	83.09	
01 45 23 00-0039		**Lab Tests** *(01 45 23 00-0035)*		
01 45 23 00-0040	EA	Falling Head Rigid Wall Consolidometer Technique CAE	821.73	
01 45 23 00-0041	EA	Falling Head Permeability Test EPA-9100	821.73	
01 45 23 00-0042	EA	Constant Head Permeability Test For Granular Soils, ASTM D2432	469.56	
01 45 23 00-0043		**Soil Characterization Testing for Disposal** *(01 45 23 00-0001)*		
01 45 23 00-0044	EA	Soil Characterization Testing for Disposal Note: 7 day turnaround. Includes sampling, transport to lab, analytical testing, and reporting.	3,346.92	
		For Expedited 3 Day Test, Add	*500.00*	
01 45 23 00-0045		**Concrete/Cement/Asphalt Testing** *(01 45 23)*		
01 45 23 00-0046		**Concrete Testing** *(01 45 23 00-0045)*		
01 45 23 00-0047	EA	Prepare 6 x 12 Concrete Cylinder And Deliver To Lab	26.11	
01 45 23 00-0048	EA	6 x 12 Cylinder Concrete Compression Test, ASTM C-39 Or ASTM D1633	70.43	
01 45 23 00-0049	EA	Concrete Cores Compression Test, ASTM C-42	144.07	
01 45 23 00-0050	EA	6 x 6 x 18 Concrete Flexural Test, ASTM C-78	210.57	
01 45 23 00-0051	EA	Unit Weight Of Concrete Cylinder, ASTM C-567	77.58	
01 45 23 00-0052	EA	Concrete Mix Design Review	421.14	
01 45 23 00-0053	EA	Trial Concrete Batch Prepared In Laboratory	997.42	
01 45 23 00-0054	EA	Concrete Shrinkage, ASTM C-157 Modified	775.78	
01 45 23 00-0055	EA	6 x 12 Concrete Cylinder Splitting Tensile Test, ASTM C-496	119.69	
01 45 23 00-0056	EA	Concrete Slump Test, ASTM C143	55.41	
01 45 23 00-0057	EA	Concrete Air Content Test, ASTM C138, ASTM C173, Or ASTM C231	55.41	
01 45 23 00-0058		**Cement Testing** *(01 45 23 00-0045)*		
01 45 23 00-0059	EA	Cement Grab Sample (CCR Title 24) Note: Includes sealing and storing 1 year.	55.41	
01 45 23 00-0060	EA	2" x 2" x 2" Cube Compression Test, All Type Materials	88.66	
01 45 23 00-0061		**Asphaltic Concrete Testing** *(01 45 23 00-0045)*		
01 45 23 00-0062	EA	Hveem Asphaltic Concrete Stability Test, CA 366	110.82	
01 45 23 00-0063	EA	Marshall Asphaltic Concrete Stability Test (3 Specimens), ASTM D-6926/6927	288.14	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 45 23 00-0064	EA	Stability Tests, Premixed, ASTM D1559	110.82	
01 45 23 00-0065	EA	Stability Tests, Lab. Mixed, ASTM D1559	288.14	
01 45 23 00-0066	EA	Swell Test, CA 305 Note: Includes compaction.	132.99	
01 45 23 00-0067	EA	% Asphalt Extraction Test, ASTM D-2172 B	332.48	
01 45 23 00-0068	EA	Gradation On Extracted Sample, ASTM D-5444	221.65	
01 45 23 00-0069	EA	Maximum Theoretical Unit Weight, ASTM C2041	211.30	
01 45 23 00-0070	EA	Unit Weight Sample Requiring Compaction, California Test Method 308	44.33	
01 45 23 00-0071	EA	Asphalt Unit Weight On Core Test, CA 308C	44.33	
01 45 23 00-0072	HR	Nuclear Field Density Testing, 4 Hour Minimum	228.30	
01 45 23 00-0073	EA	Asphalt Film Stripping Test, CTM 302/AASHTO T182/ASTM D1664	113.89	
01 45 23 00-0074	EA	Penetration, ASTM D5	160.10	
01 45 23 00-0075		Masonry/Concrete Block/Tile Testing *(01 45 23)*		
01 45 23 00-0076		Masonry Testing *(01 45 23 00-0075)*		
01 45 23 00-0077	EA	2" x 4" Cylinder Mortar Compression Test	73.14	
01 45 23 00-0078	EA	4" x 4" x 8" Grout Prisms Compression Test	73.14	
01 45 23 00-0079	EA	Masonry Cores Compression Test	144.07	
01 45 23 00-0080	EA	Composite Grouted Prism Compression Test	277.06	
01 45 23 00-0081		Concrete Block Testing (ASTM C140 Or CMA Per Specimen) *(01 45 23 00-0075)*		
01 45 23 00-0082	EA	Up To 8" x 8" x 16" Concrete Block Compression Test, ASTM C-140	177.32	
01 45 23 00-0083	EA	Absorption Test, Moisture Content And Unit Weight	121.91	
01 45 23 00-0084	EA	First Unit, Moisture Condition By Relative Humidity, ASTM C427	465.31	
01 45 23 00-0085	EA	Moisture Condition By Relative Humidity, ASTM C427, Additional Unit	232.66	
01 45 23 00-0086		Metals Testing *(01 45 23)*		
01 45 23 00-0087		Tank Tightness Testing *(01 45 23 00-0086)*		
01 45 23 00-0088	GAL	Up To 20 Gallon, Hydrostatic Pressure Testing Of Air Receiving Tanks	8.06	
01 45 23 00-0089	GAL	>20 To 120 Gallon, Hydrostatic Pressure Testing Of Air Receiving Tanks	6.91	
01 45 23 00-0090	EA	Up To 12,000 Gallons, Tank Volumetric Tightness Testing	2,072.37	
01 45 23 00-0091	EA	>12,000 To 29,999 Gallons, Tank Volumetric Tightness Testing	2,532.08	
01 45 23 00-0092	EA	>29,999 Gallons, Tank Volumetric Tightness Testing	3,224.71	
01 45 23 00-0093		Tank Line Tightness Testing *(01 45 23 00-0086)*		
01 45 23 00-0094	EA	Up To 12,000 Gallons, Tank Line Volumetric Tightness Testing	437.28	
01 45 23 00-0095	EA	>12,000 To 29,999 Gallons, Tank Line Volumetric Tightness Testing	485.55	
01 45 23 00-0096	EA	>29,999 Gallons, Tank Line Volumetric Tightness Testing	533.66	
01 45 23 00-0097		Other Testing *(01 45 23)*		
01 45 23 00-0098		Special Testing *(01 45 23 00-0097)*		
01 45 23 00-0099	EA	Asphalt Roofing Cut-out Samples, To Determine Unit Weight	166.18	
01 45 23 00-0100	EA	Complete Built-Up Roof Analysis, ASTM D2829 Or ASTM D3617	997.10	
01 45 23 00-0101	EA	Bacteria Test (Total Coliform Bacteria And E. Coli Bacteria)	51.80	
01 45 23 00-0102	EA	Testing For The Presence Of Polychlorinated Biphenyl (PCB) In Caulk, Analysis Per Sample	214.85	
01 45 23 00-0103	EA	Testing For The Presence Of Polychlorinated Biphenyl (PCB) In Soil, Analysis Per Sample	214.85	
01 45 23 00-0104	EA	Testing For The Presence Of Polychlorinated Biphenyl (PCB) Using Wipe Sampling, Analysis Per Sample	214.85	
01 45 23 00-0105	EA	Testing For The Presence Of Polychlorinated Biphenyl (PCB) In Air, Analysis Per Sample	1,181.68	
01 45 23 00-0106		Non-destructive Field Testing Services *(01 45 23 00-0097)*		
01 45 23 00-0107		Infrared Thermography *(01 45 23 00-0106)* Note: The following tasks use certified infrared (IR) thermographers, such as Stockton Infrared Thermographic Services, Inc. and United Infrared, Inc., to scan for specific problems and produce a report on the findings. The contractor is entitled to the mobilization charge and the appropriate square foot or hourly task.		
01 45 23 00-0108		Roof Investigation And Moisture Survey Using Infrared Thermography *(01 45 23 00-0107)* Note: For on the roof surveys.		
01 45 23 00-0109	EA	Roof Investigation And Moisture Survey Using Infrared Thermography, Mobilization Charge	3,867.30	
01 45 23 00-0110	CSF	Up To 10,000 SF, Roof Investigation And Moisture Survey Using Infrared Thermography	6.45	
		For CADD Drawings, Add		*1.29*
01 45 23 00-0111	CSF	>10,000 To 50,000 SF, Roof Investigation And Moisture Survey Using Infrared Thermography	4.30	
		For CADD Drawings, Add		*0.86*
01 45 23 00-0112	CSF	>50,000 To 250,000 SF, Roof Investigation And Moisture Survey Using Infrared Thermography	3.22	
		For CADD Drawings, Add		*0.64*
		For Elevated Infrared Thermography Roof Investigation, Add		*0.81*
		For Aerial Infrared Thermography Roof Investigation, Add		*0.81*
01 45 23 00-0113	CSF	>250,000 SF, Roof Investigation And Moisture Survey Using Infrared Thermography	2.15	
		For CADD Drawings, Add		*0.43*
		For Elevated Infrared Thermography Roof Investigation, Add		*0.54*
		For Aerial Infrared Thermography Roof Investigation, Add		*0.54*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 45 23 00-0114		**Building Moisture Investigation Using Infrared Thermography** *(01 45 23 00-0107)* Note: For finding moisture in walls and windows.		
01 45 23 00-0115	EA	Building Moisture Investigation Using Infrared Thermography, Mobilization Charge	2,041.08	
01 45 23 00-0116	CSF	Up To 1,000 SF, Building Moisture Investigation Using Infrared Thermography	6.45	
		For Digital Or Analog Recording Of All Items, Add	*3.23*	
01 45 23 00-0117	CSF	>1,000 To 5,000 SF, Building Moisture Investigation Using Infrared Thermography	4.30	
		For Digital Or Analog Recording Of All Items, Add	*2.15*	
01 45 23 00-0118	CSF	>5,000 SF, Building Moisture Investigation Using Infrared Thermography	2.15	
		For Digital Or Analog Recording Of All Items, Add	*1.08*	
01 45 23 00-0119		**General Building Investigation Using Infrared Thermography** *(01 45 23 00-0107)* Note: For finding missing or misplaced insulation, air leakage and delamination.		
01 45 23 00-0120	EA	General Building Investigation Using Infrared Thermography, Mobilization Charge	4,189.58	
01 45 23 00-0121	CSF	Up To 1,000 SF, General Building Investigation Using Infrared Thermography	6.45	
		For Digital Or Analog Recording Of All Items, Add	*3.23*	
01 45 23 00-0122	CSF	>1,000 To 5,000 SF, General Building Investigation Using Infrared Thermography	4.30	
		For Digital Or Analog Recording Of All Items, Add	*2.15*	
01 45 23 00-0123	CSF	>5,000 SF, General Building Investigation Using Infrared Thermography	2.15	
		For Digital Or Analog Recording Of All Items, Add	*1.08*	
01 45 23 00-0124		**Electrical /Mechanical Equipment Scanning Using Infrared Thermography** *(01 45 23 00-0107)* Note: For diagnosing electrical issues such as loose connections, overloaded or imbalanced circuits, faulty breakers, damaged switches, faulty fuses, etc. For diagnosing electrical issues caused by resistance and mechanical issues caused by friction.		
01 45 23 00-0125	EA	Electrical /Mechanical Equipment Scanning Using Infrared Thermography, Mobilization Charge	2,041.08	
01 45 23 00-0126	HR	Electrical /Mechanical Equipment Scanning Using Infrared Thermography	206.31	
		For Digital Or Analog Recording Of All Items, Add	*30.87*	
01 45 23 00-0127		**Concrete Block Wall Investigation Using Infrared Thermography** *(01 45 23 00-0107)* Note: For investigating issues with grouted cells, bond beams and other structural components in concrete block walls.		
01 45 23 00-0128	EA	Concrete Block Wall Investigation Using Infrared Thermography, Mobilization Charge	2,041.08	
01 45 23 00-0129	CSF	Up To 50,000 SF, Concrete Block Wall Investigation Using Infrared Thermography	6.45	
		For Digital Or Analog Recording Of All Items, Add	*0.97*	
01 45 23 00-0130	CSF	>50,000 SF, Concrete Block Wall Investigation Using Infrared Thermography	4.30	
		For Digital Or Analog Recording Of All Items, Add	*0.65*	
01 45 23 00-0131		**Other Non-destructive Field Testing Services** *(01 45 23 00-0106)*		
01 45 23 00-0132	HR	ASNT Certified Level I NDT Consultant	72.55	
01 45 23 00-0133	HR	ASNT Certified Level II NDT Consultant	80.82	
01 45 23 00-0134	HR	ASNT Certified Level III NDT Consultant	94.05	
01 45 23 00-0135	HR	Certified Industrial Radiography Radiation Safety Personnel	105.15	
01 45 29		**Testing Laboratory Services** *(01 45)* Note: For application to existing materials/site conditions or additional testing over specifications stated tests.		
01 45 29 00-0001		**Soil Borings Laboratory Tests** *(01 45 29)* See CSI section 02 32 13 00-0000 for soil borings.		
01 45 29 00-0002	EA	Atterberg Limits - Liquid Limits (LL) And Plastic Limits (PL), T89, T90, ASTM D4318, Soil Borings Laboratory Test	152.61	
01 45 29 00-0003	EA	Shrinkage Limit, Soil Borings Laboratory Test	48.69	
01 45 29 00-0004	EA	Unconfined Compressive Strength of Cohesive Soils, Soil Borings Laboratory Test	117.39	
01 45 29 00-0005	EA	Consolidation, Soil Borings Laboratory Test	821.73	
01 45 29 00-0006	EA	Swell Test, Soil Borings Laboratory Test	128.83	
01 45 29 00-0007	EA	In Place Density, Soil Borings Laboratory Test	35.22	
01 45 29 00-0008	EA	Moisture Content, ASTM D2216, Soil Borings Laboratory Test	21.88	
01 45 29 00-0009	EA	Hydrometer Analysis, Soil Borings Laboratory Test	282.46	
01 45 29 00-0010	EA	Specific Gravity, ASTM D854, Soil Borings Laboratory Test	98.48	
01 45 29 00-0011	EA	Partial Sieve Analysis, Soil Borings Laboratory Test	19.48	
01 45 29 00-0012	EA	Laboratory Permeability, Soil Borings Laboratory Test	973.77	
01 45 29 00-0013	EA	Sieve Analysis, ASTM D422, Soil Borings Laboratory Test	196.96	
01 45 29 00-0014	EA	Sulfate Soundness, Soil Borings Laboratory Test	243.44	
01 45 29 00-0015	EA	Los Angeles Abrasion, Soil Borings Laboratory Test	450.63	
01 45 29 00-0016	EA	Soil Bearing Ratio, ASTM D1883	498.71	
01 45 29 00-0017	EA	Compaction Test Subgrade, Soil Borings Laboratory Test	146.07	
01 45 29 00-0018	EA	Compaction Test Base Course, Soil Borings Laboratory Test	162.29	
01 45 29 00-0019	EA	In Place Density And Water Content Test By Nuclear Methods, ASTM D6938, Soil Borings Laboratory Test	348.32	
01 45 29 00-0020	EA	Field Density Sand Cone, AASHTO T-191, ASTM D1556, Soil Borings Laboratory Test	74.66	
01 45 29 00-0021		**Soil Testing** *(01 45 29)* Note: Analyses must be conducted in accordance with SW846 and TACO requirements. Analytical methods provided herein are suggested methods.		
01 45 29 00-0022	EA	Laboratory Analysis For VOCs (5035/8260)	227.94	
01 45 29 00-0023	EA	Laboratory Analysis For SVOCs (8270)	444.48	
01 45 29 00-0024	EA	Laboratory Analysis For Pesticides/Polychlorinated Biphenyl (PCB) (8080/8081/8082)	273.53	
01 45 29 00-0025	EA	Laboratory Analysis For Herbicides (8080/8081/8082)	387.50	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 45 29 00-0026	EA	Laboratory Analysis For TAL Inorganics (6010/6020/7471)	341.91	
01 45 29 00-0027	EA	Laboratory Analysis For BTEX (5035/8260)	102.57	
01 45 29 00-0028	EA	Laboratory Analysis For PNAs (8270)	170.96	
01 45 29 00-0029	EA	Laboratory Analysis For RCRA Metals (6020/7471) Note: Including Mercury	148.16	
01 45 29 00-0030	EA	Laboratory Analysis For Cyanide (9012)	45.59	
01 45 29 00-0031	EA	Laboratory Analysis For TCLP/SPLP RCRA Lead (1311/1312/6020/7471)	170.96	
01 45 29 00-0032	EA	Laboratory Analysis For pH (9045)	18.24	
01 45 29 00-0033	EA	Laboratory Analysis For Moisture, Ash, And Organic Matter Of Peat And Organic Soils (D2974)	56.98	
01 45 29 00-0034	EA	Laboratory Analysis For Waste Characterization For Full Scan Note: Detection limits must meet the minimum specified detection limits in TACO for Tier 1 Soil Remediation Objectives for residential properties.	2,507.34	
		For Expedited 5 Day Test, Add	*400.00*	

01 50 Temporary Facilities and Controls *(01)*

Note: Tasks in this section shall be used as directed by owner.

01 51 Temporary Utilities *(01 50)*

01 51 13 Temporary Electricity *(01 51)*

01 51 13 00-0001 Temporary Service Switch And/or Building Feeder Switch *(01 51 13)*

Note: Includes all connections and removal after use.

01 51 13 00-0002	EA	Temporary 100 Amperes, NEMA 1 Or 3R, Disconnect Switch With Fuses	1,510.46	
01 51 13 00-0003	EA	Temporary 200 Amperes, NEMA 1 Or 3R, Disconnect Switch With Fuses	2,338.75	
01 51 13 00-0004	EA	Temporary 400 Amperes, 240 Volt, NEMA 3R, Disconnect Switch With Fuses	4,306.45	
01 51 13 00-0005	EA	Temporary 600 Amperes, 240 Volt, NEMA 3R, Disconnect Switch With Fuses	7,129.45	

01 51 13 00-0006 Temporary 120/208 Volt Main Lug Panelboard Complete With Branch Fuses *(01 51 13)*

Note: Includes mounting on wall and removal after use.

01 51 13 00-0007	EA	Temporary 100 Amperes, Panelboard Complete With GFCI Circuit Breakers	1,586.28	
01 51 13 00-0008	EA	Temporary 200 Amperes, Panelboard Complete With GFCI Circuit Breakers	2,196.87	
01 51 13 00-0009	EA	Temporary 400 Amperes, Panelboard Complete With GFCI Circuit Breakers	3,442.15	
01 51 13 00-0010	EA	Temporary 600 Amperes, Panelboard Complete With GFCI Circuit Breakers	4,865.48	

01 51 13 00-0011 Temporary Conduit And Cable For Temporary Disconnect Switches And Temporary Panelboards *(01 51 13)*

Note: Includes all connections, fittings, supports and removal after use.

01 51 13 00-0012	LF	Temporary SER Cable (Conduit As Required) For Temporary Disconnect Switches And Temporary Panelboards	11.83	
01 51 13 00-0013	LF	Temporary Branch Circuit Conduit And Wiring For Temporary Disconnect Switches And Temporary Panelboards	12.96	

01 51 26 Temporary Lighting *(01 51)*

01 51 26 00-0001 Temporary Lighting Devices *(01 51 26)*

Note: Includes removal after use.

01 51 26 00-0002	EA	Temporary Exit Light	286.78	
01 51 26 00-0003	EA	Temporary 10 Light String With Cages	103.19	
01 51 26 00-0004	EA	Temporary High Bay Light	387.18	

01 52 Construction Facilities *(01 50)*

Note: Tasks in this section shall be used as directed by owner for owner's use.

01 52 13 Field Offices and Sheds *(01 52)*

01 52 13 00-0001 Field Offices and Office Trailers *(01 52 13)*

Note: Excludes furniture, utility connections and service. Minimum 6 months rental.

01 52 13 00-0002	MO	Engineer's Field Office - Type A Note: Includes suitable on-site sanitary facilities, electronic security system, equipment and furniture, all utilities and utility costs, and salvage value of the building, equipment, and furniture.	5,661.70	

01 52 13 00-0003 Storage Containers *(01 52 13)*

01 52 13 00-0004	MO	8' x 8' x 10' Storage Container	175.49	
		For Each Delivery And Removal, Two Round Trips, Add	*130.18*	
		For >12 Months, Deduct	*-52.65*	
01 52 13 00-0005	MO	8' x 8' x 20' Storage Container	183.47	
		For Each Delivery And Removal, Two Round Trips, Add	*143.20*	
		For >12 Months, Deduct	*-55.04*	
01 52 13 00-0006	MO	8' x 8' x 40' Storage Container	216.97	
		For Each Delivery And Removal, Two Round Trips, Add	*288.40*	
		For >12 Months, Deduct	*-65.09*	

01 52 19 Sanitary Facilities *(01 52)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 52 19 00-0001		**Portable Toilets** *(01 52 19)*		
		Note: Includes set-up, servicing once per week (unless task states otherwise) and removal.		
01 52 19 00-0002	WK	Portable Chemical Toilet	55.00	
		For Each Additional Servicing Per Unit Per Week, Add	*25.00*	
		For Each Delivery And Set-up, Add	*50.00*	
01 52 19 00-0003	MO	Portable Chemical Toilet	165.00	
		For Each Additional Servicing Per Unit Per Week, Add	*25.00*	
		For Each Delivery And Set-up, Add	*50.00*	
01 52 19 00-0004	WK	Americans With Disabilities Act Compliant Portable Chemical Toilet	65.60	
		For Each Additional Servicing Per Unit Per Week, Add	*25.00*	
		For Each Delivery And Set-up, Add	*50.00*	
01 52 19 00-0005	MO	Americans With Disabilities Act Compliant Portable Chemical Toilet	192.50	
		For Each Additional Servicing Per Unit Per Week, Add	*25.00*	
		For Each Delivery And Set-up, Add	*50.00*	
01 52 19 00-0006	WK	Two Station Portable Handwash	54.79	
		For Each Delivery And Set-up, Add	*50.00*	
01 52 19 00-0007	MO	Two Station Portable Handwash	166.19	
		For Each Delivery And Set-up, Add	*50.00*	

01 53 Temporary Construction *(01 50)*

01 53 16 Temporary Decking *(01 53)*

01 53 16 00-0001		**Temporary Walkways And Railings** *(01 53 16)*		
		Note: Includes removal after use.		
01 53 16 00-0002	SF	Temporary Wood Walkway, 3/4" Plywood On 2 x 6 Stringers	7.96	
01 53 16 00-0003	LF	Temporary Wooden Guardrail, 42" High, Posts, Handrail, And Intermediate Rail	33.87	
01 53 16 00-0004	LF	Temporary Wood Guardrail Base, 12" x 12" Timber Beam	15.09	
01 53 16 00-0005	RSR	Temporary Wood Stairs, Tread And Riser On 2" x 12" Stringers	26.58	

01 53 23 Temporary Ramps *(01 53)*

01 53 23 00-0001		**Temporary Plywood For Wheel Barrow Access** *(01 53 23)*		
		Note: Includes removal after use.		
01 53 23 00-0002	SF	Temporary Plywood For Wheel Barrow Access	1.62	0.51

01 54 Construction Aids *(01 50)*

01 54 23 Temporary Scaffolding and Platforms *(01 54)*

01 54 23 00-0001		**Scaffolding** *(01 54 23)*		
		Note: Additional scaffolding rental for work above the normal working height.		
01 54 23 00-0002		**Scaffolding Rental - Rental Only** *(01 54 23 00-0001)*		
		Note: Monthly rental of actual scaffolding volume rented. Scaffolding is complete with bracing, 2" thick x 12" wide scaffolding planks, scaffolding stairs (where necessary in lieu of planks), standard accessories, base leveling devices, mud sills, climbing ladders and landings, brackets, clamps and building ties, etc. See CSI section 01 54 23 00-0006 for scaffolding erection and dismantling.		
01 54 23 00-0003	CCF	Scaffolding With Bracing Accessories - Area Based On 5' Wide Sections (CCF / Month)	31.45	
		For Up To 25, Add	*12.58*	
		For >25 To 50, Add	*7.86*	
		For >50 To 150, Add	*3.15*	
01 54 23 00-0004	CCF	Scaffolding With Bracing Accessories - Area Based On 4' Wide Sections (CCF / Month)	35.37	
		For Up To 25, Add	*14.15*	
		For >25 To 50, Add	*8.84*	
		For >50 To 150, Add	*3.54*	
01 54 23 00-0005	CCF	Scaffolding With Bracing Accessories - Area Based On 3' Wide Sections (CCF / Month)	47.18	
		For Up To 25, Add	*18.87*	
		For >25 To 50, Add	*11.80*	
		For >50 To 150, Add	*4.72*	
01 54 23 00-0006		**Scaffolding Erection And Dismantling - Labor Only** *(01 54 23 00-0001)*		
		Note: Includes both initial erection and final dismantling Excludes lifting equipment. The unit of measure is the volume of scaffolding erected. See CSI section 01 54 23 00-0002 for scaffolding rental.		
01 54 23 00-0007	CCF	Up To 20' Height Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories	49.26	
01 54 23 00-0008	CCF	>20' To 40' Height Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories	64.60	
01 54 23 00-0009	CCF	>40' To 60' Height Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories	86.21	
01 54 23 00-0010	CCF	>60' To 80' Height Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories	94.83	
01 54 23 00-0011	CCF	>80' Height Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories	109.20	
01 54 23 00-0012		**Heavy Duty Masonry Scaffolding Rental - Rental Only** *(01 54 23 00-0001)*		
		Note: Monthly rental of actual scaffolding volume rented. For projects over 2 stories. Scaffolding is complete with bracing, 2" thick x 12" wide scaffolding planks, scaffolding stairs (where necessary in lieu of planks), standard accessories, base leveling devices, mud sills, climbing ladders and landings, brackets, clamps, flat plate, connectors and building ties, etc. See CSI section 01 54 23 00-0018 for erection.		
01 54 23 00-0013	CCF	Heavy Duty Masonry Scaffolding With Bracing Accessories - Area Based On 4' Wide Sections (CCF / Month)	68.38	
01 54 23 00-0014	CCF	Heavy Duty Masonry Scaffolding With Bracing Accessories - Area Based On 2' Wide Sections (CCF / Month)	125.37	
01 54 23 00-0015	LF	Aluminum Joists (LF / Month)	11.12	
01 54 23 00-0016	LF	Aluminum Stringers (LF / Month)	15.94	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 54 23 00-0017	EA	Screw Jack With U-Plate For Stringers (EA / Month)	20.09	

01 54 23 00-0018 Heavy Duty Masonry Scaffolding Erection And Dismantling - Labor Only *(01 54 23 00-0001)*

Note: Includes both initial erection and final dismantling Excludes lifting equipment. The unit of measure is the volume of scaffolding erected. See CSI section 01 54 23 00-0012 for scaffolding rental.

01 54 23 00-0019	CCF	Up To 20' Height Heavy Duty Masonry Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories.	91.95	
01 54 23 00-0020	CCF	>20' To 40' Height Heavy Duty Masonry Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories.	114.95	
01 54 23 00-0021	CCF	>40' To 60' Height Heavy Duty Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories.	137.94	
01 54 23 00-0022	CCF	>60' To 80' Height Heavy Duty Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories.	149.43	
01 54 23 00-0023	CCF	>80' Height Heavy Duty Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories.	166.68	

01 54 23 00-0024 Scaffolding Accessories *(01 54 23 00-0001)*

See CSI section 01 54 23 00-0018 for erection.

01 54 23 00-0025	CSF	Netting for Exterior Building Scaffolding Note: Includes removal after use.	41.85	

01 54 23 00-0026 Rolling Scaffolding *(01 54 23)*

Note: Includes moving and relocating scaffolding on site. Excludes initial erection and final dismantling of scaffold.

01 54 23 00-0027	DAY	>14' To 20', Rolling Scaffolding, Complete With Wheels, Railings, Etc., (5' Wide X 7' Long Section)	11.65	
01 54 23 00-0028	WK	>14' To 20', Rolling Scaffolding, Complete With Wheels, Railings, Etc., (5' Wide X 7' Long Section)	46.69	
01 54 23 00-0029	MO	>14' To 20', Rolling Scaffolding, Complete With Wheels, Railings, Etc., (5' Wide X 7' Long Section)	186.74	
01 54 23 00-0030	DAY	>20' To 40', Rolling Scaffolding, Complete With Wheels, Railings, Etc., (5' Wide X 7' Long Section)	19.50	
01 54 23 00-0031	WK	>20' To 40', Rolling Scaffolding, Complete With Wheels, Railings, Etc., (5' Wide X 7' Long Section)	78.12	
01 54 23 00-0032	MO	>20' To 40', Rolling Scaffolding, Complete With Wheels, Railings, Etc., (5' Wide X 7' Long Section)	312.52	
01 54 23 00-0033	EA	>14' To 20', Rolling Scaffolding Initial Erection And Final Dismantling For Each Scaffold	132.12	
01 54 23 00-0034	EA	>20' To 40', Rolling Scaffolding Initial Erection And Final Dismantling For Each Scaffold	165.15	

01 54 23 00-0035 Shoring Posts *(01 54 23)*

01 54 23 00-0036	DAY	6'-6" To 11' Extension, 5,000 LB Capacity, Steel Shoring Post	2.09	
01 54 23 00-0037	WK	6'-6" To 11' Extension, 5,000 LB Capacity, Steel Shoring Post	8.35	
01 54 23 00-0038	MO	6'-6" To 11' Extension, 5,000 LB Capacity, Steel Shoring Post	25.06	
01 54 23 00-0039	EA	Initial Erection And Final Dismantling For Each Shoring Post	10.57	
		For >20 To 50, Deduct	*-1.59*	
		For >50 To 100, Deduct	*-3.70*	
		For >100, Deduct	*-5.81*	

01 54 23 00-0040 Temporary Lumber, Single Use *(01 54 23)*

Note: Includes removal after use.

01 54 23 00-0041	SF	5/16" CD Grade Plywood, Temporary Lumber	2.55	
01 54 23 00-0042	SF	1/2" CD Grade Plywood, Temporary Lumber	2.91	
01 54 23 00-0043	SF	5/8" CD Grade Plywood, Temporary Lumber	3.19	
01 54 23 00-0044	SF	3/4" CD Grade Plywood, Temporary Lumber	3.52	
01 54 23 00-0045	SF	1" CD Grade Plywood, Temporary Lumber	5.18	
01 54 23 00-0046	LF	2" x 4" Temporary Lumber	3.54	
01 54 23 00-0047	LF	2" x 6" Temporary Lumber	4.54	
01 54 23 00-0048	LF	2" x 8" Temporary Lumber	5.56	
01 54 23 00-0049	LF	2" x 10" Temporary Lumber	6.58	
01 54 23 00-0050	LF	2" x 12" Temporary Lumber	7.60	
01 54 23 00-0051	LF	3" x 8" Temporary Lumber	7.60	
01 54 23 00-0052	LF	3" x 10" Temporary Lumber	9.12	
01 54 23 00-0053	LF	3" x 12" Temporary Lumber	10.63	
01 54 23 00-0054	LF	4" x 4" Temporary Lumber	4.97	
01 54 23 00-0055	LF	4" x 6" Temporary Lumber	7.25	
01 54 23 00-0056	LF	6" x 6" Temporary Lumber	9.52	
01 54 23 00-0057	LF	6" x 8" Temporary Lumber	12.41	
01 54 23 00-0058	LF	12" x 12" Temporary Lumber	31.36	

01 54 23 00-0059 Temporary Precast Concrete Blocks *(01 54 23)*

Note: Includes removal after use.

01 54 23 00-0060	EA	2' x 2' x 2' Temporary Precast Concrete (Ecology) Block Note: Includes removal after use.	136.17	
01 54 23 00-0061	EA	2' x 2' x 4' Temporary Precast Concrete (Ecology) Block Note: Includes removal after use.	170.22	
01 54 23 00-0062	EA	2' x 2' x 8' Temporary Precast Concrete (Ecology) Block Note: Includes removal after use.	223.68	

01 54 26 Temporary Swing Staging *(01 54)*

Note: Up to one month rental. Includes connection to existing electrical outlet on roof, all necessary safety equipment for personnel and anchoring to existing roof anchors. Excludes installing roof anchors.

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 54 26 00-0001		**Swing Stage** *(01 54 26)* Note: Up to one month rental. Includes connection to existing electrical outlet on roof, and all necessary safety equipment for personnel. Excludes installing roof anchors.		
01 54 26 00-0002	MO	7' Swing Stage, Electric Operated	3,005.64	
01 54 26 00-0003	MO	10' Swing Stage, Electric Operated	3,155.92	
01 54 26 00-0004	MO	14' Swing Stage, Electric Operated	3,306.20	
01 54 26 00-0005	MO	20' Swing Stage, Electric Operated	3,456.49	
01 54 26 00-0006	MO	24' Swing Stage, Electric Operated	3,606.77	
01 54 26 00-0007	MO	30' Swing Stage, Electric Operated	3,757.05	
01 54 26 00-0008	MO	42' Swing Stage, Electric Operated	3,907.33	
01 54 26 00-0009	MO	12' Swing Stage, Manually Operated	866.71	
01 54 26 00-0010	MO	24' Swing Stage, Manually Operated	1,083.38	
01 54 26 00-0011	EA	Swing Stage Platform From Hooks, Erection And Dismantling Note: Includes both initial erection and final dismantling of platform. Excludes anchors or temporary roof mounted outrigger system.	5,631.90	
01 54 26 00-0012	EA	Swing Stage Platform And Temporary Roof Mounted Outrigger System Erection And Dismantling Note: Includes both initial erection and final dismantling of temporary roof mounted outrigger system.	7,826.48	
01 54 26 00-0013	EA	Move Swing Stage Platform From Hooks To Different Location At Same Roof	2,961.38	
01 54 26 00-0014	EA	Move Swing Stage Platform and Temporary Roof Mounted Outrigger System To Different Location At Same Roof	4,124.77	

01 55 Vehicular Access and Parking *(01 50)*

01 55 26 Traffic Control *(01 55)*

CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 55 26 00-0001		**Temporary Removable Preformed Traffic Black Line Mask** *(01 55 26)* Note: Includes installation and removal after use.		
01 55 26 00-0002	LF	6" Removable Traffic Black Line Mask	5.56	
01 55 26 00-0003	LF	8" Removable Traffic Black Line Mask	6.65	
01 55 26 00-0004		**Temporary Preformed Traffic Line Tape** *(01 55 26)* Note: Includes installation and removal after use.		
01 55 26 00-0005	LF	4" Reflective Removable Traffic Line Tape	5.62	
01 55 26 00-0006	LF	6" Reflective Removable Traffic Line Tape	7.57	
01 55 26 00-0007	LF	8" Reflective Removable Traffic Line Tape	9.43	
01 55 26 00-0008		**Temporary Painted Traffic Lines** *(01 55 26)* Note: Includes installation and removal after use.		
01 55 26 00-0009	LF	4" Temporary Painted Traffic Lines	2.46	
		For Not Removed, Deduct	*-1.70*	
01 55 26 00-0010	LF	6" Temporary Painted Traffic Lines	3.25	
		For Not Removed, Deduct	*-2.31*	
01 55 26 00-0011	LF	8" Temporary Painted Traffic Lines	4.07	
		For Not Removed, Deduct	*-2.94*	
01 55 26 00-0012		**Temporary Pedestrian Traffic Control** *(01 55 26)*		
01 55 26 00-0013	CLF	1", 4 Mil Polyethylene Printed Barricade Tape, Fluorescent Orange	11.27	
01 55 26 00-0014	CLF	2", 4 Mil Polyethylene Printed Barricade Tape, Fluorescent Orange	14.43	
01 55 26 00-0015	CLF	3/4", 4 Mil Polyethylene Printed Barricade Tape, Fluorescent Yellow	9.27	
01 55 26 00-0016	CLF	2", 4 Mil Polyethylene Printed Barricade Tape, Fluorescent Yellow	11.22	
01 55 26 00-0017	CLF	3", 4 Mil Polyethylene Printed Barricade Tape, Non-Fluorescent	12.00	
01 55 26 00-0018	CLF	6", 4 Mil Polyethylene Printed Barricade Tape, Non-Fluorescent	15.96	
01 55 26 00-0019	CLF	1" Exterior Vinyl Tape (Warning Tape)	12.99	
01 55 26 00-0020	CLF	2" Exterior Vinyl Tape (Warning Tape)	17.70	
01 55 26 00-0021	CLF	3" Exterior Vinyl Tape (Warning Tape)	21.62	
01 55 26 00-0022	CLF	4" Exterior Vinyl Tape (Warning Tape)	25.25	
01 55 26 00-0023		**Linear Delineation System, Temporary Or Permanent** *(01 55 26)* Note: High visibility reflective sheeting strips. Scotchlite as manufactured by 3M.		
01 55 26 00-0024	LF	4" Linear Delineation System	11.68	
01 55 26 00-0025	LF	6" Linear Delineation System	15.69	
01 55 26 00-0026		**Traffic Protection** *(01 55 26)* Note: Equipment price includes delivery, set-up and removal.		
01 55 26 00-0027		**Temporary Traffic Barriers Usage** *(01 55 26 00-0026)* Note: Includes hauling up to 15 miles. Excludes crane for placement.		
01 55 26 00-0028	DAY	Concrete Traffic Barrier, NJ Shape, 6' Portable Section	12.06	
01 55 26 00-0029	WK	Concrete Traffic Barrier, NJ Shape, 6' Portable Section	46.88	
01 55 26 00-0030	MO	Concrete Traffic Barrier, NJ Shape, 6' Portable Section	187.52	
01 55 26 00-0031		**Temporary Portable Signs And Message Displays Usage** *(01 55 26 00-0026)*		
01 55 26 00-0032	DAY	Arrowboard, Trailer Mounted	227.71	
01 55 26 00-0033	WK	Arrowboard, Trailer Mounted	870.64	
01 55 26 00-0034	MO	Arrowboard, Trailer Mounted	2,116.33	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 55 26 00-0035	DAY	Portable Changeable Message Sign Note: Includes all labor, furnishing, placing, and maintaining, anchor system and system installation, equipment, materials, and incidental work.	304.59	
01 55 26 00-0036	WK	Portable Changeable Message Sign Note: Includes all labor, furnishing, placing, and maintaining, anchor system and system installation, equipment, materials, and incidental work.	1,164.96	
01 55 26 00-0037	MO	Portable Changeable Message Sign Note: Includes all labor, furnishing, placing, and maintaining, anchor system and system installation, equipment, materials, and incidental work.	2,830.85	
01 55 26 00-0038		Temporary Rumble Strips *(01 55 26)* Note: Includes removal after use.		
01 55 26 00-0039	LF	1/4" High, 4" Wide, Polymer Tape Temporary Rumble Strip	13.88	
01 55 26 00-0040	LF	1/2" High, 3-1/2" Wide, Polycarbonate Temporary Rumble Strip	10.07	

01 56 Temporary Barriers and Enclosures *(01 50)*

Note: Includes removal after use.

01 56 16 Temporary Dust Barriers *(01 56)*

01 56 16 00-0001		Temporary Stud Wall *(01 56 16)* Note: Includes removal after use.		
01 56 16 00-0002		Temporary Stud Wall With Drywall *(01 56 16 00-0001)* Note: Includes 2 x 4 wood studs installed 16" on center, single bottom and top plate, appropriate fastening devices, drywall taped and finished and removal after use. Excludes paint.		
01 56 16 00-0003		Temporary Stud Wall With Drywall *(01 56 16 00-0002)*		
01 56 16 00-0004	SF	3/8" Gypsum Board On One Side, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use.	6.29	
		For Metal Studs 24" On Center, Add/Deduct	*0.43*	
01 56 16 00-0005	SF	1/2" Gypsum Board On One Side, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use.	6.29	
		For Metal Studs 24" On Center, Add/Deduct	*0.43*	
01 56 16 00-0006	SF	5/8" Gypsum Board On One Side, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use.	6.38	
		For Metal Studs 24" On Center, Add/Deduct	*0.43*	
01 56 16 00-0007	SF	3/8" Gypsum Board On Both Sides, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use.	8.71	
		For Metal Studs 24" On Center, Add/Deduct	*0.52*	
01 56 16 00-0008	SF	1/2" Gypsum Board On Both Sides, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use.	8.71	
		For Metal Studs 24" On Center, Add/Deduct	*0.52*	
01 56 16 00-0009	SF	5/8" Gypsum Board On Both Sides, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use.	8.89	
		For Metal Studs 24" On Center, Add/Deduct	*0.52*	
01 56 16 00-0010		Temporary Stud Wall With Fire Rated Drywall *(01 56 16 00-0002)*		
01 56 16 00-0011	SF	1/2" Type C Fire Rated Gypsum Board On One Side, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use.	6.40	
		For Metal Studs 24" On Center, Add/Deduct	*0.43*	
01 56 16 00-0012	SF	5/8" Type C Fire Rated Gypsum Board On One Side, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use.	6.43	
		For Metal Studs 24" On Center, Add/Deduct	*0.43*	
01 56 16 00-0013	SF	5/8" Type X Fire Rated Gypsum Board On One Side, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use.	6.37	
		For Metal Studs 24" On Center, Add/Deduct	*0.43*	
01 56 16 00-0014	SF	3/4" Fire Rated (Sheetrock® Ultracode®) Gypsum Board On One Side, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use.	7.07	
		For Metal Studs 24" On Center, Add/Deduct	*0.43*	
01 56 16 00-0015	SF	1/2" Type C Fire Rated Gypsum Board On Both Sides, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use.	8.91	
		For Metal Studs 24" On Center, Add/Deduct	*0.52*	
01 56 16 00-0016	SF	5/8" Type C Fire Rated Gypsum Board On Both Sides, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use.	8.97	
		For Metal Studs 24" On Center, Add/Deduct	*0.52*	
01 56 16 00-0017	SF	5/8" Type X Fire Rated Gypsum Board On Both Sides, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use.	8.87	
		For Metal Studs 24" On Center, Add/Deduct	*0.52*	
01 56 16 00-0018	SF	3/4" Fire Rated (Sheetrock® Ultracode®) Gypsum Board On Both Sides, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use.	10.25	
		For Metal Studs 24" On Center, Add/Deduct	*0.52*	
01 56 16 00-0019		Temporary Stud Wall With Oriented Strand Board (OSB) *(01 56 16 00-0001)* Note: Includes 2 x 4 wood studs installed 16" on center, single bottom and top plate, appropriate fastening devices, oriented strand board (OSB) wall sheathing, and removal after use. Excludes paint.		
01 56 16 00-0020	SF	7/16" Oriented Strand Board (OSB) Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use.	6.26	
		For Metal Studs 24" On Center, Add/Deduct	*0.43*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 56 16 00-0021	SF	1/2" Oriented Strand Board (OSB) Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use.	6.31	
		For Metal Studs 24" On Center, Add/Deduct	*0.43*	
01 56 16 00-0022	SF	5/8" Oriented Strand Board (OSB) Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use.	6.46	
		For Metal Studs 24" On Center, Add/Deduct	*0.43*	
01 56 16 00-0023	SF	3/4" Oriented Strand Board (OSB) Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use.	6.54	
		For Metal Studs 24" On Center, Add/Deduct	*0.43*	
01 56 16 00-0024	SF	7/16" Oriented Strand Board (OSB) Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use.	8.64	
		For Metal Studs 24" On Center, Add/Deduct	*0.52*	
01 56 16 00-0025	SF	1/2" Oriented Strand Board (OSB) Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use.	8.74	
		For Metal Studs 24" On Center, Add/Deduct	*0.52*	
01 56 16 00-0026	SF	5/8" Oriented Strand Board (OSB) Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use.	9.03	
		For Metal Studs 24" On Center, Add/Deduct	*0.52*	
01 56 16 00-0027	SF	3/4" Oriented Strand Board (OSB) Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use.	9.19	
		For Metal Studs 24" On Center, Add/Deduct	*0.52*	

01 56 16 00-0028 Temporary Stud Wall With BC Plywood *(01 56 16 00-0001)*

Note: Includes 2 x 4 wood studs installed 16" on center, single bottom and top plate, appropriate fastening devices, interior/exterior BC plywood wall sheathing, and removal after use. Excludes paint.

01 56 16 00-0029	SF	3/8" BC Plywood Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use.	6.61	
		For Metal Studs 24" On Center, Add/Deduct	*0.43*	
01 56 16 00-0030	SF	1/2" BC Plywood Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use.	6.79	
		For Metal Studs 24" On Center, Add/Deduct	*0.43*	
01 56 16 00-0031	SF	5/8" BC Plywood Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use.	6.98	
		For Metal Studs 24" On Center, Add/Deduct	*0.43*	
01 56 16 00-0032	SF	3/4" BC Plywood Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use.	7.14	
		For Metal Studs 24" On Center, Add/Deduct	*0.43*	
01 56 16 00-0033	SF	3/8" BC Plywood Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use.	9.33	
		For Metal Studs 24" On Center, Add/Deduct	*0.52*	
01 56 16 00-0034	SF	1/2" BC Plywood Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use.	9.71	
		For Metal Studs 24" On Center, Add/Deduct	*0.52*	
01 56 16 00-0035	SF	5/8" BC Plywood Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use.	10.08	
		For Metal Studs 24" On Center, Add/Deduct	*0.52*	
01 56 16 00-0036	SF	3/4" BC Plywood Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use.	10.40	
		For Metal Studs 24" On Center, Add/Deduct	*0.52*	

01 56 16 00-0037 Temporary Stud Wall With Plastic Sheeting *(01 56 16 00-0001)*

Note: Includes 2 x 4 wood studs installed 16" on center, single bottom and top plate, appropriate fastening devices, 6 Mil plastic sheeting, and removal after use.

01 56 16 00-0038	SF	6 Mil, Plastic Sheeting On One Side, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use.	3.63	
		For Metal Studs 24" On Center, Add/Deduct	*0.31*	
01 56 16 00-0039	SF	6 Mil, Fire Retardant, Plastic Sheeting On One Side, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use.	3.71	
		For Metal Studs 24" On Center, Add/Deduct	*0.31*	
01 56 16 00-0040	SF	6 Mil, Fire Retardant, Anti-static, Plastic Sheeting On One Side, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use.	3.73	
		For Metal Studs 24" On Center, Add/Deduct	*0.31*	
01 56 16 00-0041	SF	6 Mil, Reinforced, Plastic Sheeting On One Side, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use.	3.72	
		For Metal Studs 24" On Center, Add/Deduct	*0.31*	
01 56 16 00-0042	SF	6 Mil, Fire Retardant, Reinforced, Plastic Sheeting On One Side, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use.	3.79	
		For Metal Studs 24" On Center, Add/Deduct	*0.31*	

01 56 16 00-0043 Dust Partition Wall *(01 56 16 00-0001)*

01 56 16 00-0044	SF	Dust Partition Wall, 5/8" Type X Gypsum Board Each Side Note: 2" x 4" fire resistant wood studs 24" on-center, compressible gasket top and bottom, and Type 55FR Griffolyn visqueen both sides (taped with Griffolyn FR tape at seams and to existing structure to form an air tight seal). Excludes doors or frames.	10.17	

01 56 16 00-0045 Temporary Doors *(01 56 16 00-0001)*

Note: For temporary stud walls. Includes removal after use.

01 56 16 00-0046	EA	Temporary Metal Door And Frame Note: Painted with panic hardware, lockset, threshold and smoke seals. Remove after use.	607.62	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 56 16 00-0047		**Sticky Mats** *(01 56 16)* Note: Includes removal after use.		
01 56 16 00-0048	EA	18" x 36", 30 Layer Sticky Mat	38.41	
		Note: Includes removal after use.		
		For 60 Layers Instead Of 30, Add	*24.84*	
01 56 16 00-0049	EA	18" x 46", 30 Layer Sticky Mat	43.93	
		Note: Includes removal after use.		
		For 60 Layers Instead Of 30, Add	*28.98*	
01 56 16 00-0050	EA	24" x 36", 30 Layer Sticky Mat	43.93	
		Note: Includes removal after use.		
		For 60 Layers Instead Of 30, Add	*28.98*	
01 56 16 00-0051	EA	25" x 45", 30 Layer Sticky Mat	57.73	
		Note: Includes removal after use.		
		For 60 Layers Instead Of 30, Add	*39.33*	
01 56 16 00-0052	EA	36" x 36", 30 Layer Sticky Mat	63.25	
		Note: Includes removal after use.		
		For 60 Layers Instead Of 30, Add	*43.47*	
01 56 16 00-0053	EA	36" x 46", 30 Layer Sticky Mat	68.77	
		Note: Includes removal after use.		
		For 60 Layers Instead Of 30, Add	*47.61*	
01 56 16 00-0054	EA	36" x 60", 30 Layer Sticky Mat	137.77	
		Note: Includes removal after use.		
		For 60 Layers Instead Of 30, Add	*99.36*	
01 56 16 00-0055	EA	36" x 72", 30 Layer Sticky Mat	164.26	
		Note: Includes removal after use.		

01 56 26 Temporary Fencing *(01 56)*

01 56 26 00-0001		**Temporary Fencing** *(01 56 26)* Note: Per ASTM A392-06 Standards		
01 56 26 00-0002		**Temporary Chain Link Fence** *(01 56 26 00-0001)* Note: Includes delivery, set-up (driving posts) and removal. Excludes auguring/drilling for posts. See CSI section 02 41 19 13-0074 for core drilling in asphalt or concrete, 32 31 13 13-0001 for augering and backfill of posts.		
01 56 26 00-0003		**Temporary Chain Link Fence, Up To 6 Months** *(01 56 26 00-0002)*		
01 56 26 00-0004	LF	Temporary 4' High Chain Link Fence And Posts, Up To 6 Months	7.61	
		For >100 To 250, Deduct	*-0.17*	
		For >250 To 500, Deduct	*-0.34*	
		For >500, Deduct	*-0.51*	
		For Each LF Shade Cloth, Add	*1.60*	
01 56 26 00-0005	LF	Temporary 6' High Chain Link Fence And Posts, Up To 6 Months	8.47	
		For >100 To 250, Deduct	*-0.19*	
		For >250 To 500, Deduct	*-0.38*	
		For >500, Deduct	*-0.57*	
		For Each LF Shade Cloth, Add	*2.55*	
01 56 26 00-0006	LF	Temporary 8' High Chain Link Fence And Posts, Up To 6 Months	11.53	
		For >100 To 250, Deduct	*-0.32*	
		For >250 To 500, Deduct	*-0.65*	
		For >500, Deduct	*-0.97*	
		For Each LF Shade Cloth, Add	*3.60*	
01 56 26 00-0007	LF	Temporary 10' High Chain Link Fence And Posts, Up To 6 Months	24.77	
		For >100 To 250, Deduct	*-0.96*	
		For >250 To 500, Deduct	*-1.92*	
		For >500, Deduct	*-2.87*	
		For Each LF Shade Cloth, Add	*4.75*	
01 56 26 00-0008		**Temporary Chain Link Fence, >6 To 12 Months** *(01 56 26 00-0002)*		
01 56 26 00-0009	LF	Temporary 4' High Chain Link Fence And Posts, >6 To 12 Months	7.96	
		For >100 To 250, Deduct	*-0.19*	
		For >250 To 500, Deduct	*-0.37*	
		For >500, Deduct	*-0.56*	
		For Each LF Shade Cloth, Add	*1.60*	
01 56 26 00-0010	LF	Temporary 6' High Chain Link Fence And Posts, >6 To 12 Months	8.84	
		For >100 To 250, Deduct	*-0.21*	
		For >250 To 500, Deduct	*-0.42*	
		For >500, Deduct	*-0.63*	
		For Each LF Shade Cloth, Add	*2.55*	
01 56 26 00-0011	LF	Temporary 8' High Chain Link Fence And Posts, >6 To 12 Months	12.16	
		For >100 To 250, Deduct	*-0.35*	
		For >250 To 500, Deduct	*-0.71*	
		For >500, Deduct	*-1.06*	
		For Each LF Shade Cloth, Add	*3.60*	
01 56 26 00-0012	LF	Temporary 10' High Chain Link Fence And Posts, >6 To 12 Months	26.68	
		For >100 To 250, Deduct	*-1.05*	
		For >250 To 500, Deduct	*-2.11*	
		For >500, Deduct	*-3.16*	
		For Each LF Shade Cloth, Add	*4.75*	
01 56 26 00-0013		**Temporary Chain Link Fence, >12 To 18 Months** *(01 56 26 00-0002)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 56 26 00-0014	LF	Temporary 4' High Chain Link Fence And Posts, >12 To 18 Months	8.33	
		For >100 To 250, Deduct	*-0.21*	
		For >250 To 500, Deduct	*-0.41*	
		For >500, Deduct	*-0.62*	
		For Each LF Shade Cloth, Add	*1.60*	
01 56 26 00-0015	LF	Temporary 6' High Chain Link Fence And Posts, >12 To 18 Months	9.27	
		For >100 To 250, Deduct	*-0.23*	
		For >250 To 500, Deduct	*-0.46*	
		For >500, Deduct	*-0.69*	
		For Each LF Shade Cloth, Add	*2.55*	
01 56 26 00-0016	LF	Temporary 8' High Chain Link Fence And Posts, >12 To 18 Months	12.88	
		For >100 To 250, Deduct	*-0.39*	
		For >250 To 500, Deduct	*-0.78*	
		For >500, Deduct	*-1.17*	
		For Each LF Shade Cloth, Add	*3.60*	
01 56 26 00-0017	LF	Temporary 10' High Chain Link Fence And Posts, >12 To 18 Months	28.79	
		For >100 To 250, Deduct	*-1.16*	
		For >250 To 500, Deduct	*-2.32*	
		For >500, Deduct	*-3.48*	
		For Each LF Shade Cloth, Add	*4.75*	

01 56 26 00-0018 Temporary Chain Link Fence, >18 Months *(01 56 26 00-0002)*

01 56 26 00-0019	LF	Temporary 4' High Chain Link Fence And Posts, >18 Months	8.74	
		For >100 To 250, Deduct	*-0.23*	
		For >250 To 500, Deduct	*-0.45*	
		For >500, Deduct	*-0.68*	
		For Each LF Shade Cloth, Add	*1.60*	
01 56 26 00-0020	LF	Temporary 6' High Chain Link Fence And Posts, >18 Months	9.71	
		For >100 To 250, Deduct	*-0.25*	
		For >250 To 500, Deduct	*-0.51*	
		For >500, Deduct	*-0.76*	
		For Each LF Shade Cloth, Add	*2.55*	
01 56 26 00-0021	LF	Temporary 8' High Chain Link Fence And Posts, >18 Months	13.65	
		For >100 To 250, Deduct	*-0.43*	
		For >250 To 500, Deduct	*-0.86*	
		For >500, Deduct	*-1.29*	
		For Each LF Shade Cloth, Add	*3.60*	
01 56 26 00-0022	LF	Temporary 10' High Chain Link Fence And Posts, >18 Months	31.10	
		For >100 To 250, Deduct	*-1.27*	
		For >250 To 500, Deduct	*-2.55*	
		For >500, Deduct	*-3.82*	
		For Each LF Shade Cloth, Add	*4.75*	

01 56 26 00-0023 Temporary Chain Link Fence Gates *(01 56 26 00-0001)*

Note: Includes delivery, set-up (driving posts) and removal. Excludes auguring/drilling for posts. See CSI section 02 41 19 13-0074 for core drilling in asphalt or concrete, 32 31 13 13-0001 for augering and backfill of posts.

01 56 26 00-0024 Temporary Chain Link Fence Gates, Up To 6 Months *(01 56 26 00-0023)*

01 56 26 00-0025 4' High, Temporary Chain Link Fence Gates, Up To 6 Months *(01 56 26 00-0024)*

01 56 26 00-0026	EA	4' Wide, 4' High, Temporary Chain Link Fence Gate, Up To 6 Months	294.75	
		For Each LF Shade Cloth, Add	*16.09*	
01 56 26 00-0027	EA	10' Wide, 4' High, Temporary Chain Link Fence Gate, Up To 6 Months	504.33	
		For Each LF Shade Cloth, Add	*40.21*	
01 56 26 00-0028	EA	12' Wide, 4' High, Temporary Chain Link Fence Gate, Up To 6 Months	563.84	
		For Each LF Shade Cloth, Add	*48.26*	
01 56 26 00-0029	EA	15' Wide, 4' High, Temporary Chain Link Fence Gate, Up To 6 Months	642.38	
		For Each LF Shade Cloth, Add	*60.32*	
01 56 26 00-0030	EA	20' Wide, 4' High, Temporary Chain Link Fence Gate, Up To 6 Months	768.25	
		For Each LF Shade Cloth, Add	*80.43*	
01 56 26 00-0031	EA	24' Wide, 4' High, Temporary Chain Link Fence Gate, Up To 6 Months	856.45	
		For Each LF Shade Cloth, Add	*96.51*	

01 56 26 00-0032 6' High, Temporary Chain Link Fence Gates, Up To 6 Months *(01 56 26 00-0024)*

01 56 26 00-0033	EA	4' Wide, 6' High, Temporary Chain Link Fence Gate, Up To 6 Months	316.18	
		For Each LF Shade Cloth, Add	*25.64*	
01 56 26 00-0034	EA	10' Wide, 6' High, Temporary Chain Link Fence Gate, Up To 6 Months	545.99	
		For Each LF Shade Cloth, Add	*64.09*	
01 56 26 00-0035	EA	12' Wide, 6' High, Temporary Chain Link Fence Gate, Up To 6 Months	611.90	
		For Each LF Shade Cloth, Add	*76.91*	
01 56 26 00-0036	EA	15' Wide, 6' High, Temporary Chain Link Fence Gate, Up To 6 Months	710.62	
		For Each LF Shade Cloth, Add	*96.13*	
01 56 26 00-0037	EA	20' Wide, 6' High, Temporary Chain Link Fence Gate, Up To 6 Months	858.31	
		For Each LF Shade Cloth, Add	*128.18*	
01 56 26 00-0038	EA	24' Wide, 6' High, Temporary Chain Link Fence Gate, Up To 6 Months	976.68	
		For Each LF Shade Cloth, Add	*153.81*	

01 56 26 00-0039 8' High, Temporary Chain Link Fence Gates, Up To 6 Months *(01 56 26 00-0024)*

01 56 26 00-0040	EA	4' Wide, 8' High, Temporary Chain Link Fence Gate, Up To 6 Months	353.50	
		For Each LF Shade Cloth, Add	*36.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 56 26 00-0041	EA	10' Wide, 8' High, Temporary Chain Link Fence Gate, Up To 6 Months	627.57	
		For Shade Cloth, Add	*90.48*	
01 56 26 00-0042	EA	12' Wide, 8' High, Temporary Chain Link Fence Gate, Up To 6 Months	700.81	
		For Shade Cloth, Add	*108.57*	
01 56 26 00-0043	EA	15' Wide, 8' High, Temporary Chain Link Fence Gate, Up To 6 Months	803.26	
		For Shade Cloth, Add	*135.72*	
01 56 26 00-0044	EA	20' Wide, 8' High, Temporary Chain Link Fence Gate, Up To 6 Months	981.69	
		For Shade Cloth, Add	*180.96*	
01 56 26 00-0045	EA	24' Wide, 8' High, Temporary Chain Link Fence Gate, Up To 6 Months	1,144.09	
		For Shade Cloth, Add	*217.15*	
01 56 26 00-0046		**10' High, Temporary Chain Link Fence Gates, Up To 6 Months** *(01 56 26 00-0024)*		
01 56 26 00-0047	EA	4' Wide, 10' High, Temporary Chain Link Fence Gate, Up To 6 Months	427.17	
		For Each LF Shade Cloth, Add	*47.75*	
01 56 26 00-0048	EA	10' Wide, 10' High, Temporary Chain Link Fence Gate, Up To 6 Months	750.36	
		For Each LF Shade Cloth, Add	*119.38*	
01 56 26 00-0049	EA	12' Wide, 10' High, Temporary Chain Link Fence Gate, Up To 6 Months	839.69	
		For Each LF Shade Cloth, Add	*143.26*	
01 56 26 00-0050	EA	15' Wide, 10' High, Temporary Chain Link Fence Gate, Up To 6 Months	960.97	
		For Each LF Shade Cloth, Add	*179.07*	
01 56 26 00-0051	EA	20' Wide, 10' High, Temporary Chain Link Fence Gate, Up To 6 Months	1,174.74	
		For Each LF Shade Cloth, Add	*238.76*	
01 56 26 00-0052	EA	24' Wide, 10' High, Temporary Chain Link Fence Gate, Up To 6 Months	1,362.66	
		For Each LF Shade Cloth, Add	*286.52*	
01 56 26 00-0053		**Temporary Chain Link Fence Gates, >6 To 12 Months** *(01 56 26 00-0023)*		
01 56 26 00-0054		**4' High, Temporary Chain Link Fence Gates, >6 To 12 Months** *(01 56 26 00-0053)*		
01 56 26 00-0055	EA	4' Wide, 4' High, Temporary Chain Link Fence Gate, >6 To 12 Months	305.52	
		For Each LF Shade Cloth, Add	*16.09*	
01 56 26 00-0056	EA	10' Wide, 4' High, Temporary Chain Link Fence Gate, >6 To 12 Months	521.08	
		For Each LF Shade Cloth, Add	*40.21*	
01 56 26 00-0057	EA	12' Wide, 4' High, Temporary Chain Link Fence Gate, >6 To 12 Months	582.99	
		For Each LF Shade Cloth, Add	*48.26*	
01 56 26 00-0058	EA	15' Wide, 4' High, Temporary Chain Link Fence Gate, >6 To 12 Months	663.92	
		For Each LF Shade Cloth, Add	*60.32*	
01 56 26 00-0059	EA	20' Wide, 4' High, Temporary Chain Link Fence Gate, >6 To 12 Months	794.58	
		For Each LF Shade Cloth, Add	*80.43*	
01 56 26 00-0060	EA	24' Wide, 4' High, Temporary Chain Link Fence Gate, >6 To 12 Months	885.17	
		For Each LF Shade Cloth, Add	*96.51*	
01 56 26 00-0061		**6' High, Temporary Chain Link Fence Gates, >6 To 12 Months** *(01 56 26 00-0053)*		
01 56 26 00-0062	EA	4' Wide, 6' High, Temporary Chain Link Fence Gate, >6 To 12 Months	327.44	
		For Each LF Shade Cloth, Add	*25.64*	
01 56 26 00-0063	EA	10' Wide, 6' High, Temporary Chain Link Fence Gate, >6 To 12 Months	563.51	
		For Each LF Shade Cloth, Add	*64.09*	
01 56 26 00-0064	EA	12' Wide, 6' High, Temporary Chain Link Fence Gate, >6 To 12 Months	631.92	
		For Each LF Shade Cloth, Add	*76.91*	
01 56 26 00-0065	EA	15' Wide, 6' High, Temporary Chain Link Fence Gate, >6 To 12 Months	733.14	
		For Each LF Shade Cloth, Add	*96.13*	
01 56 26 00-0066	EA	20' Wide, 6' High, Temporary Chain Link Fence Gate, >6 To 12 Months	885.84	
		For Each LF Shade Cloth, Add	*128.18*	
01 56 26 00-0067	EA	24' Wide, 6' High, Temporary Chain Link Fence Gate, >6 To 12 Months	1,006.70	
		For Each LF Shade Cloth, Add	*153.81*	
01 56 26 00-0068		**8' High, Temporary Chain Link Fence Gates, >6 To 12 Months** *(01 56 26 00-0053)*		
01 56 26 00-0069	EA	4' Wide, 8' High, Temporary Chain Link Fence Gate, >6 To 12 Months	365.89	
		For Each LF Shade Cloth, Add	*36.19*	
01 56 26 00-0070	EA	10' Wide, 8' High, Temporary Chain Link Fence Gate, >6 To 12 Months	646.84	
		For Shade Cloth, Add	*90.48*	
01 56 26 00-0071	EA	12' Wide, 8' High, Temporary Chain Link Fence Gate, >6 To 12 Months	722.83	
		For Shade Cloth, Add	*108.57*	
01 56 26 00-0072	EA	15' Wide, 8' High, Temporary Chain Link Fence Gate, >6 To 12 Months	828.03	
		For Shade Cloth, Add	*135.72*	
01 56 26 00-0073	EA	20' Wide, 8' High, Temporary Chain Link Fence Gate, >6 To 12 Months	1,011.96	
		For Shade Cloth, Add	*180.96*	
01 56 26 00-0074	EA	24' Wide, 8' High, Temporary Chain Link Fence Gate, >6 To 12 Months	1,177.12	
		For Shade Cloth, Add	*217.15*	
01 56 26 00-0075		**10' High, Temporary Chain Link Fence Gates, >6 To 12 Months** *(01 56 26 00-0053)*		
01 56 26 00-0076	EA	4' Wide, 10' High, Temporary Chain Link Fence Gate, >6 To 12 Months	442.66	
		For Each LF Shade Cloth, Add	*47.75*	
01 56 26 00-0077	EA	10' Wide, 10' High, Temporary Chain Link Fence Gate, >6 To 12 Months	774.44	
		For Each LF Shade Cloth, Add	*119.38*	
01 56 26 00-0078	EA	12' Wide, 10' High, Temporary Chain Link Fence Gate, >6 To 12 Months	867.22	
		For Each LF Shade Cloth, Add	*143.26*	
01 56 26 00-0079	EA	15' Wide, 10' High, Temporary Chain Link Fence Gate, >6 To 12 Months	991.94	
		For Each LF Shade Cloth, Add	*179.07*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 56 26 00-0080	EA	20' Wide, 10' High, Temporary Chain Link Fence Gate, >6 To 12 Months	1,212.59	
		For Each LF Shade Cloth, Add	*238.76*	
01 56 26 00-0081	EA	24' Wide, 10' High, Temporary Chain Link Fence Gate, >6 To 12 Months	1,403.95	
		For Each LF Shade Cloth, Add	*286.52*	

01 56 26 00-0082 Temporary Chain Link Fence Gates, >12 To 18 Months *(01 56 26 00-0023)*

01 56 26 00-0083 4' High, Temporary Chain Link Fence Gates, >12 To 18 Months *(01 56 26 00-0082)*

01 56 26 00-0084	EA	4' Wide, 4' High, Temporary Chain Link Fence Gate, >12 To 18 Months	316.83	
		For Each LF Shade Cloth, Add	*16.09*	
01 56 26 00-0085	EA	10' Wide, 4' High, Temporary Chain Link Fence Gate, >12 To 18 Months	538.68	
		For Each LF Shade Cloth, Add	*40.21*	
01 56 26 00-0086	EA	12' Wide, 4' High, Temporary Chain Link Fence Gate, >12 To 18 Months	603.09	
		For Each LF Shade Cloth, Add	*48.26*	
01 56 26 00-0087	EA	15' Wide, 4' High, Temporary Chain Link Fence Gate, >12 To 18 Months	686.54	
		For Each LF Shade Cloth, Add	*60.32*	
01 56 26 00-0088	EA	20' Wide, 4' High, Temporary Chain Link Fence Gate, >12 To 18 Months	822.23	
		For Each LF Shade Cloth, Add	*80.43*	
01 56 26 00-0089	EA	24' Wide, 4' High, Temporary Chain Link Fence Gate, >12 To 18 Months	915.33	
		For Each LF Shade Cloth, Add	*96.51*	

01 56 26 00-0090 6' High, Temporary Chain Link Fence Gates, >12 To 18 Months *(01 56 26 00-0082)*

01 56 26 00-0091	EA	4' Wide, 6' High, Temporary Chain Link Fence Gate, >12 To 18 Months	339.27	
		For Each LF Shade Cloth, Add	*25.64*	
01 56 26 00-0092	EA	10' Wide, 6' High, Temporary Chain Link Fence Gate, >12 To 18 Months	581.90	
		For Each LF Shade Cloth, Add	*64.09*	
01 56 26 00-0093	EA	12' Wide, 6' High, Temporary Chain Link Fence Gate, >12 To 18 Months	652.94	
		For Each LF Shade Cloth, Add	*76.91*	
01 56 26 00-0094	EA	15' Wide, 6' High, Temporary Chain Link Fence Gate, >12 To 18 Months	756.79	
		For Each LF Shade Cloth, Add	*96.13*	
01 56 26 00-0095	EA	20' Wide, 6' High, Temporary Chain Link Fence Gate, >12 To 18 Months	914.74	
		For Each LF Shade Cloth, Add	*128.18*	
01 56 26 00-0096	EA	24' Wide, 6' High, Temporary Chain Link Fence Gate, >12 To 18 Months	1,038.23	
		For Each LF Shade Cloth, Add	*153.81*	

01 56 26 00-0097 8' High, Temporary Chain Link Fence Gates, >12 To 18 Months *(01 56 26 00-0082)*

01 56 26 00-0098	EA	4' Wide, 8' High, Temporary Chain Link Fence Gate, >12 To 18 Months	378.89	
		For Each LF Shade Cloth, Add	*36.19*	
01 56 26 00-0099	EA	10' Wide, 8' High, Temporary Chain Link Fence Gate, >12 To 18 Months	667.07	
		For Shade Cloth, Add	*90.48*	
01 56 26 00-0100	EA	12' Wide, 8' High, Temporary Chain Link Fence Gate, >12 To 18 Months	745.95	
		For Shade Cloth, Add	*108.57*	
01 56 26 00-0101	EA	15' Wide, 8' High, Temporary Chain Link Fence Gate, >12 To 18 Months	854.05	
		For Shade Cloth, Add	*135.72*	
01 56 26 00-0102	EA	20' Wide, 8' High, Temporary Chain Link Fence Gate, >12 To 18 Months	1,043.76	
		For Shade Cloth, Add	*180.96*	
01 56 26 00-0103	EA	24' Wide, 8' High, Temporary Chain Link Fence Gate, >12 To 18 Months	1,211.80	
		For Shade Cloth, Add	*217.15*	

01 56 26 00-0104 10' High, Temporary Chain Link Fence Gates, >12 To 18 Months *(01 56 26 00-0082)*

01 56 26 00-0105	EA	4' Wide, 10' High, Temporary Chain Link Fence Gate, >12 To 18 Months	458.92	
		For Each LF Shade Cloth, Add	*47.75*	
01 56 26 00-0106	EA	10' Wide, 10' High, Temporary Chain Link Fence Gate, >12 To 18 Months	799.73	
		For Each LF Shade Cloth, Add	*119.38*	
01 56 26 00-0107	EA	12' Wide, 10' High, Temporary Chain Link Fence Gate, >12 To 18 Months	896.12	
		For Each LF Shade Cloth, Add	*143.26*	
01 56 26 00-0108	EA	15' Wide, 10' High, Temporary Chain Link Fence Gate, >12 To 18 Months	1,024.45	
		For Each LF Shade Cloth, Add	*179.07*	
01 56 26 00-0109	EA	20' Wide, 10' High, Temporary Chain Link Fence Gate, >12 To 18 Months	1,252.33	
		For Each LF Shade Cloth, Add	*238.76*	
01 56 26 00-0110	EA	24' Wide, 10' High, Temporary Chain Link Fence Gate, >12 To 18 Months	1,447.30	
		For Each LF Shade Cloth, Add	*286.52*	

01 56 26 00-0111 Temporary Chain Link Fence Gates, >18 Months *(01 56 26 00-0023)*

01 56 26 00-0112 4' High, Temporary Chain Link Fence Gates, >18 Months *(01 56 26 00-0111)*

01 56 26 00-0113	EA	4' Wide, 4' High, Temporary Chain Link Fence Gate, >18 Months	328.14	
		For Each LF Shade Cloth, Add	*16.09*	
01 56 26 00-0114	EA	10' Wide, 4' High, Temporary Chain Link Fence Gate, >18 Months	556.27	
		For Each LF Shade Cloth, Add	*40.21*	
01 56 26 00-0115	EA	12' Wide, 4' High, Temporary Chain Link Fence Gate, >18 Months	623.20	
		For Each LF Shade Cloth, Add	*48.26*	
01 56 26 00-0116	EA	15' Wide, 4' High, Temporary Chain Link Fence Gate, >18 Months	709.16	
		For Each LF Shade Cloth, Add	*60.32*	
01 56 26 00-0117	EA	20' Wide, 4' High, Temporary Chain Link Fence Gate, >18 Months	849.87	
		For Each LF Shade Cloth, Add	*80.43*	
01 56 26 00-0118	EA	24' Wide, 4' High, Temporary Chain Link Fence Gate, >18 Months	945.49	
		For Each LF Shade Cloth, Add	*96.51*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 56 26 00-0119		**6' High, Temporary Chain Link Fence Gates, >18 Months** *(01 56 26 00-0111)*		
01 56 26 00-0120	EA	4' Wide, 6' High, Temporary Chain Link Fence Gate, >18 Months	351.09	
		For Each LF Shade Cloth, Add	*25.64*	
01 56 26 00-0121	EA	10' Wide, 6' High, Temporary Chain Link Fence Gate, >18 Months	600.29	
		For Each LF Shade Cloth, Add	*64.09*	
01 56 26 00-0122	EA	12' Wide, 6' High, Temporary Chain Link Fence Gate, >18 Months	673.96	
		For Each LF Shade Cloth, Add	*76.91*	
01 56 26 00-0123	EA	15' Wide, 6' High, Temporary Chain Link Fence Gate, >18 Months	780.43	
		For Each LF Shade Cloth, Add	*96.13*	
01 56 26 00-0124	EA	20' Wide, 6' High, Temporary Chain Link Fence Gate, >18 Months	943.64	
		For Each LF Shade Cloth, Add	*128.18*	
01 56 26 00-0125	EA	24' Wide, 6' High, Temporary Chain Link Fence Gate, >18 Months	1,069.76	
		For Each LF Shade Cloth, Add	*153.81*	
01 56 26 00-0126		**8' High, Temporary Chain Link Fence Gates, >18 Months** *(01 56 26 00-0111)*		
01 56 26 00-0127	EA	4' Wide, 8' High, Temporary Chain Link Fence Gate, >18 Months	391.90	
		For Each LF Shade Cloth, Add	*36.19*	
01 56 26 00-0128	EA	10' Wide, 8' High, Temporary Chain Link Fence Gate, >18 Months	687.31	
		For Shade Cloth, Add	*90.48*	
01 56 26 00-0129	EA	12' Wide, 8' High, Temporary Chain Link Fence Gate, >18 Months	769.07	
		For Shade Cloth, Add	*108.57*	
01 56 26 00-0130	EA	15' Wide, 8' High, Temporary Chain Link Fence Gate, >18 Months	880.06	
		For Shade Cloth, Add	*135.72*	
01 56 26 00-0131	EA	20' Wide, 8' High, Temporary Chain Link Fence Gate, >18 Months	1,075.55	
		For Shade Cloth, Add	*180.96*	
01 56 26 00-0132	EA	24' Wide, 8' High, Temporary Chain Link Fence Gate, >18 Months	1,246.49	
		For Shade Cloth, Add	*217.15*	
01 56 26 00-0133		**10' High, Temporary Chain Link Fence Gates, >18 Months** *(01 56 26 00-0111)*		
01 56 26 00-0134	EA	4' Wide, 10' High, Temporary Chain Link Fence Gate, >18 Months	475.17	
		For Each LF Shade Cloth, Add	*47.75*	
01 56 26 00-0135	EA	10' Wide, 10' High, Temporary Chain Link Fence Gate, >18 Months	825.02	
		For Each LF Shade Cloth, Add	*119.38*	
01 56 26 00-0136	EA	12' Wide, 10' High, Temporary Chain Link Fence Gate, >18 Months	925.02	
		For Each LF Shade Cloth, Add	*143.26*	
01 56 26 00-0137	EA	15' Wide, 10' High, Temporary Chain Link Fence Gate, >18 Months	1,056.97	
		For Each LF Shade Cloth, Add	*179.07*	
01 56 26 00-0138	EA	20' Wide, 10' High, Temporary Chain Link Fence Gate, >18 Months	1,292.07	
		For Each LF Shade Cloth, Add	*238.76*	
01 56 26 00-0139	EA	24' Wide, 10' High, Temporary Chain Link Fence Gate, >18 Months	1,490.66	
		For Each LF Shade Cloth, Add	*286.52*	
01 56 26 00-0140		**Temporary Chain Link Fence Panels (Portable)** *(01 56 26 00-0001)*		
		Note: Includes delivery, set-up and removal. Excludes sandbags.		
01 56 26 00-0141		**Temporary Chain Link Fence Panels (Portable), Up To 6 Months** *(01 56 26 00-0140)*		
01 56 26 00-0142	LF	Temporary 4' High Chain Link Fence Panels (Portable), Up To 6 Months	8.28	
		For >100 To 250, Deduct	*-0.20*	
		For >250 To 500, Deduct	*-0.41*	
		For >500, Deduct	*-0.61*	
		For Each LF Shade Cloth, Add	*1.60*	
01 56 26 00-0143	LF	Temporary 6' High Chain Link Fence Panels (Portable), Up To 6 Months	9.19	
		For >100 To 250, Deduct	*-0.23*	
		For >250 To 500, Deduct	*-0.45*	
		For >500, Deduct	*-0.68*	
		For Each LF Shade Cloth, Add	*2.55*	
01 56 26 00-0144	LF	Temporary 8' High Chain Link Fence Panels (Portable), Up To 6 Months	12.39	
		For >100 To 250, Deduct	*-0.37*	
		For >250 To 500, Deduct	*-0.73*	
		For >500, Deduct	*-1.10*	
		For Each LF Shade Cloth, Add	*3.60*	
01 56 26 00-0145		**Temporary Chain Link Fence Panels (Portable), >6 To 12 Months** *(01 56 26 00-0140)*		
01 56 26 00-0146	LF	Temporary 4' High Chain Link Fence Panels (Portable), >6 To 12 Months	8.62	
		For >100 To 250, Deduct	*-0.22*	
		For >250 To 500, Deduct	*-0.44*	
		For >500, Deduct	*-0.66*	
		For Each LF Shade Cloth, Add	*1.60*	
01 56 26 00-0147	LF	Temporary 6' High Chain Link Fence Panels (Portable), >6 To 12 Months	9.56	
		For >100 To 250, Deduct	*-0.25*	
		For >250 To 500, Deduct	*-0.49*	
		For >500, Deduct	*-0.74*	
		For Each LF Shade Cloth, Add	*2.55*	
01 56 26 00-0148	LF	Temporary 8' High Chain Link Fence Panels (Portable), >6 To 12 Months	13.03	
		For >100 To 250, Deduct	*-0.40*	
		For >250 To 500, Deduct	*-0.80*	
		For >500, Deduct	*-1.19*	
		For Each LF Shade Cloth, Add	*3.60*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

01 56 26 00-0149 Temporary Chain Link Fence Panels (Portable), >12 To 18 Months *(01 56 26 00-0140)*

01 56 26 00-0150	LF	Temporary 4' High Chain Link Fence Panels (Portable), >12 To 18 Months	8.97	
		For >100 To 250, Deduct	*-0.24*	
		For >250 To 500, Deduct	*-0.47*	
		For >500, Deduct	*-0.71*	
		For Each LF Shade Cloth, Add	*1.60*	
01 56 26 00-0151	LF	Temporary 6' High Chain Link Fence Panels (Portable), >12 To 18 Months	10.00	
		For >100 To 250, Deduct	*-0.27*	
		For >250 To 500, Deduct	*-0.54*	
		For >500, Deduct	*-0.80*	
		For Each LF Shade Cloth, Add	*2.55*	
01 56 26 00-0152	LF	Temporary 8' High Chain Link Fence Panels (Portable), >12 To 18 Months	13.75	
		For >100 To 250, Deduct	*-0.43*	
		For >250 To 500, Deduct	*-0.87*	
		For >500, Deduct	*-1.30*	
		For Each LF Shade Cloth, Add	*3.60*	

01 56 26 00-0153 Temporary Chain Link Fence Panels (Portable), >18 Months *(01 56 26 00-0140)*

01 56 26 00-0154	LF	Temporary 4' High Chain Link Fence Panels (Portable), >18 Months	9.40	
		For >100 To 250, Deduct	*-0.26*	
		For >250 To 500, Deduct	*-0.52*	
		For >500, Deduct	*-0.78*	
		For Each LF Shade Cloth, Add	*1.60*	
01 56 26 00-0155	LF	Temporary 6' High Chain Link Fence Panels (Portable), >18 Months	10.43	
		For >100 To 250, Deduct	*-0.29*	
		For >250 To 500, Deduct	*-0.58*	
		For >500, Deduct	*-0.87*	
		For Each LF Shade Cloth, Add	*2.55*	
01 56 26 00-0156	LF	Temporary 8' High Chain Link Fence Panels (Portable), >18 Months	14.50	
		For >100 To 250, Deduct	*-0.47*	
		For >250 To 500, Deduct	*-0.94*	
		For >500, Deduct	*-1.41*	
		For Each LF Shade Cloth, Add	*3.60*	

01 56 26 00-0157 Temporary Chain Link Fence Panels (Portable) Sandbags *(01 56 26 00-0140)*

01 56 26 00-0158	BAG	Temporary Chain Link Fence Panels (Portable) Sandbag Note: Includes placement and removal.	7.90

01 56 26 00-0159 Temporary Safety Fence *(01 56 26)*

Note: Includes removal after use.

01 56 26 00-0160	LF	48" High With Posts At 8' On Center, Plastic Mesh Temporary Safety Fence	3.80

01 56 29 Temporary Protective Walkways *(01 56)*

01 56 29 00-0001 Temporary Sidewalk Bridge Protection *(01 56 29)*

01 56 29 00-0002 Installation of Sidewalk Bridge *(01 56 29 00-0001)*

Note: Excludes material rental. See CSI section 01 56 29 00-0005 for monthly rental x length.

01 56 29 00-0003	LF	Installation of Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly Note: Includes spanning openings, planking and parapet, lighting, up to 8' wide, up to 8' high, 2 post system.	183.92	
		For 3 Post System, Add	*6.00*	
		For Each Additional Foot Over 8' Wide, Add	*3.00*	
		For Each Additional Foot Over 8' High, Add	*2.00*	
01 56 29 00-0004	LF	Installation of Netting for Sidewalk Bridge	4.68	

01 56 29 00-0005 Monthly Rental of Sidewalk Bridge *(01 56 29 00-0001)*

Note: Excludes installation set-up and removal. See CSI section 01 56 29 00-0002 for installation set-up, 01 56 29 00-0016 for removal.

01 56 29 00-0006	LF	Monthly Rental Of Up To 8' Wide And 8' High, 2 Post System, Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly Note: Includes spanning openings, planking and parapet, lighting and maintenance.	15.04	
		For 3 Post System, Add	*2.26*	
01 56 29 00-0007	LF	Monthly Rental Of Up To 8' Wide, 8' - 12' High, 2 Post System, Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly Note: Includes spanning openings, planking and parapet, lighting and maintenance.	16.94	
		For 3 Post System, Add	*2.54*	
01 56 29 00-0008	LF	Monthly Rental Of Up To 8' Wide, Over 12' High, 2 Post System, Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly Note: Includes spanning openings, planking and parapet, lighting and maintenance.	18.82	
		For 3 Post System, Add	*2.82*	
01 56 29 00-0009	LF	Monthly Rental Of 8' - 12' Wide And 8' High, 2 Post System, Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly Note: Includes spanning openings, planking and parapet, lighting and maintenance.	18.82	
		For 3 Post System, Add	*2.82*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 56 29 00-0010	LF	Monthly Rental Of 8' - 12' Wide, 8' - 12' High, 2 Post System, Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly	20.68	
		Note: Includes spanning openings, planking and parapet, lighting and maintenance.		
		For 3 Post System, Add	*3.10*	
01 56 29 00-0011	LF	Monthly Rental Of 8' - 12' Wide, Over 12' High, 2 Post System, Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly	24.48	
		Note: Includes spanning openings, planking and parapet, lighting and maintenance.		
		For 3 Post System, Add	*3.67*	
01 56 29 00-0012	LF	Monthly Rental Of Over 12' Wide And 8' High, 2 Post System, Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly	22.60	
		Note: Includes spanning openings, planking and parapet, lighting and maintenance.		
		For 3 Post System, Add	*3.39*	
01 56 29 00-0013	LF	Monthly Rental Of Over 12' Wide, 8' - 12' High, 2 Post System, Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly	26.36	
		Note: Includes spanning openings, planking and parapet, lighting and maintenance.		
		For 3 Post System, Add	*3.95*	
01 56 29 00-0014	LF	Monthly Rental Of Over 12' Wide, Over 12' High, 2 Post System, Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly	28.20	
		Note: Includes spanning openings, planking and parapet, lighting and maintenance.		
		For 3 Post System, Add	*4.23*	
01 56 29 00-0015	LF	Monthly Rental of Netting for Sidewalk Bridge	2.82	

01 56 29 00-0016 Removal of Sidewalk Bridge *(01 56 29 00-0001)*

01 56 29 00-0017	LF	Removal Of Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly	38.28	
		Note: Includes spanning openings, planking and parapet, lighting, up to 8' wide, up to 8' high, 2 post system.		
		For 3 Post System, Add	*2.50*	
		For Each Additional Foot Over 8' Wide, Add	*1.25*	
		For Each Additional Foot Over 8' High, Add	*0.75*	
01 56 29 00-0018	LF	Removal Of Netting For Sidewalk Bridge	2.34	

01 56 29 00-0019 Temporary Safety Nets *(01 56 29)*

Note: Includes removal after use.

01 56 29 00-0020	SF	Small Mesh Debris Netting	2.39	
		Note: Includes 3" molded plastic base plates, plastic cable ties, and 1/4", 7x9 aircraft cable tied off to structure, not including anchors.		

01 56 33 Temporary Security Barriers *(01 56)*

01 56 33 00-0001 Board-up Opening With Plywood *(01 56 33)*

Note: For use where directed by owner for boarding up door and window openings.

01 56 33 00-0002	EA	Up To 32 SF Plywood, For Board-Up Opening	106.44	
01 56 33 00-0003	EA	>32 To 64 SF Plywood, For Board-Up Opening	212.88	
01 56 33 00-0004	EA	>64 SF Plywood, For Board-Up Opening	353.95	
01 56 33 00-0005	EA	Install 2" x 4" Frames, Up To 32 SF Area, For Board-Up Opening	34.88	
01 56 33 00-0006	EA	Install 2" x 4" Frames, >32 To 64 SF Area, For Board-Up Opening	69.77	
01 56 33 00-0007	EA	Install 2" x 4" Frames, >64 SF Area, For Board-Up Opening	130.66	
01 56 33 00-0008	EA	Install Hinges For Door Board-Up (Each Door)	78.25	
01 56 33 00-0009	EA	Provide Lock For Temporary Door	163.62	
01 56 33 00-0010	EA	Provide And Install Board-Up Door For Other Than Plywood Door	269.20	

01 56 33 00-0011 Temporary Pedestrian Barricade *(01 56 33)*

Note: Portable, interlocking galvanized steel fence with pivoting legs.

01 56 33 00-0012	DAY	3-1/2' x 7-1/2' Galvanized Steel Pedestrian Barricade, Rental	14.05	
01 56 33 00-0013	WK	3-1/2' x 7-1/2' Galvanized Steel Pedestrian Barricade, Rental	34.12	
01 56 33 00-0014	MO	3-1/2' x 7-1/2' Galvanized Steel Pedestrian Barricade, Rental	102.37	

01 56 39 Temporary Tree and Plant Protection *(01 56)*

01 56 39 00-0001 Temporary Tree Guards *(01 56 39)*

Note: Includes digging holes and removal after use.

01 56 39 00-0002	EA	Up To 4' x 4' Temporary Tree Guard, 2" x 4" Wood Stud Framing Construction, 4 Uprights Set In Earth 2' Deep, With Double Rail	221.83	
01 56 39 00-0003	EA	4' x 4' Temporary Tree Guard, 2" x 4" Wood Stud Framing Construction, 4 Uprights Set In Earth 2' Deep, With Double Rail	260.77	
01 56 39 00-0004	EA	6' x 6' Temporary Tree Guard, 2" x 4" Wood Stud Framing Construction, 4 Uprights Set In Earth 2' Deep, With Double Rail	282.92	

01 57 Temporary Controls *(01 50)*

01 57 13 Temporary Erosion and Sediment Control *(01 57)*

See CSI section 31 25 00 00-0000 for temporary erosion and sediment control.

01 57 23 Temporary Storm Water Pollution Control *(01 57)*

See CSI section 31 25 00 00-0000 for temporary storm water pollution control.

01 57 23 00-0001 Temporary Drain Guard *(01 57 23)*

Note: Includes removal after use.

01 57 23 00-0002	EA	36" x 48" x 18" Non-Woven Polypropylene Trash and Debris Drain Guard (Ultra-Drain Guard® 9227)	115.35	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 57 23 00-0003	EA	36" x 48" x 18" Non-Woven Polypropylene Oil and Sediment Drain Guard (Ultra-Drain Guard® 9217) Note: Up to 0.87 gallons oil, up to 40 lbs sediment.	113.28	
01 57 23 00-0004	EA	36" x 48" x 18" Non-Woven Polypropylene Oil and Sediment Drain Guard (Ultra-Drain Guard® 9219) Note: Up to 1.38 gallons oil, up to 40 lbs sediment.	142.37	
01 57 23 00-0005	EA	60" x 60" x 18" Non-Woven Polypropylene Oil and Sediment Drain Guard (Ultra-Drain Guard® 9356) Note: Up to 1.55 gallons oil, up to 40 lbs sediment.	140.28	
01 57 23 00-0006	EA	60" x 60" x 18" Non-Woven Polypropylene Oil and Sediment Drain Guard (Ultra-Drain Guard® 9358) Note: Up to 2.06 gallons oil, up to 40 lbs sediment.	171.45	

01 58 Project Identification *(01 50)*

Note: Includes removal after use.

01 58 13 Temporary Project Signage *(01 58)*

01 58 13 00-0001 Project Sign *(01 58 13)*

01 58 13 00-0002 MDO Plywood Signs *(01 58 13 00-0001)*

Note: Excludes posts.

01 58 13 00-0003 Reflectorized, MDO Plywood Signs *(01 58 13 00-0002)*

01 58 13 00-0004 Engineer Grade, Reflectorized, MDO Plywood Signs *(01 58 13 00-0003)*

01 58 13 00-0005	EA	Up To 8 SF, One Or Two Color Design, Engineer Grade, Reflectorized, MDO Plywood Sign	182.58	29.09
		For High-Intensity Grade, Add	*43.54*	
		For Diamond Grade, Add	*83.98*	
01 58 13 00-0006	EA	>8 To 16 SF, One Or Two Color Design, Engineer Grade, Reflectorized, MDO Plywood Sign	309.64	30.41
		For High-Intensity Grade, Add	*87.09*	
		For Diamond Grade, Add	*167.96*	
01 58 13 00-0007	EA	>16 To 24 SF, One Or Two Color Design, Engineer Grade, Reflectorized, MDO Plywood Sign	436.70	31.72
		For High-Intensity Grade, Add	*130.63*	
		For Diamond Grade, Add	*251.94*	
01 58 13 00-0008	EA	>24 To 32 SF, One Or Two Color Design, Engineer Grade, Reflectorized, MDO Plywood Sign	563.77	33.05
		For High-Intensity Grade, Add	*174.18*	
		For Diamond Grade, Add	*335.92*	
01 58 13 00-0009	SF	>32 SF, One Or Two Color Design, Engineer Grade, Reflectorized, MDO Plywood Sign	17.67	1.05
		For High-Intensity Grade, Add	*5.44*	
		For Diamond Grade, Add	*10.50*	

01 58 13 00-0010 Non-Reflectorized, MDO Plywood Signs *(01 58 13 00-0002)*

01 58 13 00-0011 One Or Two Color Design, Non-Reflectorized, MDO Plywood Signs *(01 58 13 00-0010)*

01 58 13 00-0012	EA	Up To 8 SF, One Or Two Color Design, Non-Reflectorized, MDO Plywood Sign	226.97	29.09
01 58 13 00-0013	EA	>8 To 16 SF, One Or Two Color Design, Non-Reflectorized, MDO Plywood Sign	269.90	30.41
01 58 13 00-0014	EA	>16 To 24 SF, One Or Two Color Design, Non-Reflectorized, MDO Plywood Sign	336.80	31.72
01 58 13 00-0015	EA	>24 To 32 SF, One Or Two Color Design, Non-Reflectorized, MDO Plywood Sign	399.99	33.05
01 58 13 00-0016	SF	>32 SF, One Or Two Color Design, Non-Reflectorized, MDO Plywood Sign	12.55	1.05

01 58 13 00-0017 Full Color Design, Non-Reflectorized, MDO Plywood Signs *(01 58 13 00-0010)*

01 58 13 00-0018	EA	Up To 8 SF, Full Color Design, Non-Reflectorized, MDO Plywood Sign	231.72	29.09
01 58 13 00-0019	EA	>8 To 16 SF, Full Color Design, Non-Reflectorized, MDO Plywood Sign	295.51	30.41
01 58 13 00-0020	EA	>16 To 24 SF, Full Color Design, Non-Reflectorized, MDO Plywood Sign	362.83	31.72
01 58 13 00-0021	EA	>24 To 32 SF, Full Color Design, Non-Reflectorized, MDO Plywood Sign	422.30	33.05
01 58 13 00-0022	SF	>32 SF, Full Color Design, Non-Reflectorized, MDO Plywood Sign	13.25	1.05

01 58 13 00-0023 Fabricate And Install New Posts *(01 58 13 00-0001)*

Note: Includes excavation, backfill and compaction. Excludes core drilling.

01 58 13 00-0024	LF	Galvanized Metal Channel Sign Posts	16.26	
01 58 13 00-0025	LF	4" x 4" Pressure Treated Wood Sign Posts	13.27	
01 58 13 00-0026	LF	4" x 6" Pressure Treated Wood Sign Posts	16.18	

01 58 13 00-0027 Owner Supplied Signs *(01 58 13 00-0001)*

01 58 13 00-0028	EA	Installation And Removal Of Owner Supplied Project Sign	105.76	

01 60 Product Requirements *(01)*

01 66 Product Storage and Handling Requirements *(01 60)*

01 66 19 Product Handling Requirements *(01 66)*

Note: Not for use in conjunction with other tasks when the distance is less than 2 stories or less than 125'.

01 66 19 00-0001 Transfer Delivered Materials Between Floors *(01 66 19)*

Note: For moving delivered, owner supplied or existing materials in a building.

01 66 19 00-0002	CY	Transfer Delivered Material Between Floors Via Stairs, Per Floor Note: Quantity equals volume of materials multiplied by number of floors traveled.	20.34	
01 66 19 00-0003	CY	Transfer Delivered Material Between Floors Via Elevator, Per Trip Note: Quantity is not multiplied by number of floors traveled. Includes transfer of materials between elevators, if more than one bank of elevators is required.	13.22	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 66 19 00-0004			**Transfer Delivered Materials Distances Greater Than 125'** *(01 66 19)* Note: For moving delivered, owner supplied or existing materials in a building.		
	01 66 19 00-0005	CY	Transfer Delivered Materials Distances Greater Than 125', Per CY Of Material Per 125'	8.26	
01 66 19 00-0006			**Transfer Demolition Debris Between Floors** *(01 66 19)* Note: Only for use with demolition tasks.		
	01 66 19 00-0007	CY	Transfer Demolition Debris Between Floors Via Stairs, Per Floor Note: Quantity equals material volume times bulk factor times number of floors traveled.	20.34	
	01 66 19 00-0008	CY	Transfer Demolition Debris Between Floors Via Elevator, Per Trip Note: Quantity is not multiplied by number of floors traveled. Includes transfer of materials between elevators, if more than one bank of elevators is required.	13.22	
01 66 19 00-0009			**Transfer Demolition Debris Distances Greater Than 125'** *(01 66 19)* Note: Only for use with demolition tasks.		
	01 66 19 00-0010	CY	Transfer Demolition Debris Distances Greater Than 125', Per CY Of Material Per 125'	8.26	
01 66 19 00-0011			**Moving Furniture And Furnishings** *(01 66 19)* Note: To be used when contractor is required to move furniture and furnishings occupying 55% or more of the total floor space.		
	01 66 19 00-0012	SF	Removal, Transportation, Return And Reinstallation Of Office Furniture And Furnishings Note: Includes desks, tables, file cabinets, chairs, storage boxes, bookshelves, office equipment, computers, and other furniture and furnishings. Quantity equals total floor space.	1.32	

01 70 Execution and Closeout Requirements *(01)*

01 71 Examination and Preparation *(01 70)*

01 71 13 Mobilization *(01 71)*

01 71 13 00-0001			**Equipment Delivery, Pickup, Mobilization And Demobilization** *(01 71 13)* Note: Excludes flagman for traffic control where necessary. Per each mobilization delivery.		
	01 71 13 00-0002	EA	Equipment Delivery, Pickup, Mobilization And Demobilization Using A Rollback Flatbed Truck Note: Includes loading, tie-down of equipment, delivery of equipment, off loading on site, rigging, dismantling, loading for return and transporting away. For equipment such as trenchers, skid-steer loaders (bobcats), industrial warehouse forklifts, sweepers, scissor platform lifts, telescoping and articulating boom man lifts with up to 40' boom lengths, etc.	446.71	
	01 71 13 00-0003	EA	Equipment Delivery, Pickup, Mobilization And Demobilization Using A Tractor Trailer With Up To 53' Bed Note: Includes loading, tie-down of equipment, delivery of equipment, off loading on site, rigging, dismantling, loading for return and transporting away. For equipment such as bulldozers, motor scrapers, hydraulic excavators, gradalls, road graders, loader-backhoes, heavy duty construction loaders, tractors, pavers, rollers, bridge finishers, straight mast construction forklifts, telescoping boom rough terrain construction forklifts, telescoping and articulating boom man lifts with >40' boom lengths, etc.	1,455.56	

01 71 36 Non-Destructive Concrete Examination *(01 71)*

01 71 36 00-0001			**Electromagnetic Survey** *(01 71 36)* Note: To locate voids, prior to moving heavy machinery to an area of concern, to locate reinforcing bars, conduits, pipes, etc., prior to core drilling or cutting existing concrete, masonry or asphalt, to locate underground utilities, underground storage tanks, etc. Electromagnetic survey includes Subsurface Interface Radar (SIR) and/or Ground Penetrating Radar (GPR).		
01 71 36 00-0002			**Electromagnetic (SIR/GPR) Survey** *(01 71 36 00-0001)*		
	01 71 36 00-0003	EA	Up To 1 Hour On Site, Electromagnetic (SIR/GPR) Survey, Earth, Concrete, Masonry Or Asphalt	1,128.06	
	01 71 36 00-0004	EA	>1 To 4 Hours On Site, Electromagnetic (SIR/GPR) Survey, Earth, Concrete, Masonry Or Asphalt	1,692.09	
	01 71 36 00-0005	EA	>4 To 8 Hours On Site, Electromagnetic (SIR/GPR) Survey, Earth, Concrete, Masonry Or Asphalt	3,384.18	
01 71 36 00-0006			**Reports And Mapping For Electromagnetic (SIR/GPR) Surveys** *(01 71 36 00-0001)*		
	01 71 36 00-0007	EA	Standard Report For Electromagnetic (SIR/GPR) Survey, Earth, Concrete, Masonry Or Asphalt Note: Includes a detailed description of the scope of work, inspection methods, and equipment used. Also includes visuals such as site locations, images of data, and site photos.	376.02	
	01 71 36 00-0008	EA	GPS Mapping Of Located Utilities/Items For Electromagnetic (SIR/GPR) Survey, Earth, Concrete, Masonry Or Asphalt Note: Includes GPS coordinates of located items and reference items.	752.04	
	01 71 36 00-0009	EA	CAD Mapping Of Located Utilities/Items For Electromagnetic (SIR/GPR) Survey, Earth, Concrete, Masonry Or Asphalt Note: Includes additions to the owner provided CAD drawing.	1,692.09	

01 74 Cleaning and Waste Management *(01 70)*

01 74 13 Progress Cleaning *(01 74)*

Note: For use on existing areas other than where actual work is to be performed where ordered by the owner. Daily cleanup and final cleanup is included in the contractor's adjustment factor.

01 74 13 00-0001			**General** *(01 74 13)*		
	01 74 13 00-0002	CSF	Clean Miscellaneous Surfaces, Wipe Down With Mild Detergent	26.47	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 74 13 00-0003	CY	Collect Existing Debris And Load Into Truck Or Dumpster Note: Per CY of debris removed.	30.97	

01 74 19 Construction Waste Management and Disposal *(01 74)*

Note: Tasks in this section shall be used as directed by owner.

01 74 19 00-0001 Debris Chutes *(01 74 19)*

Note: Includes hopper sections and entry sections. Used as required for buildings of all heights.

01 74 19 00-0002 Steel Temporary Debris Chutes *(01 74 19 00-0001)*

01 74 19 00-0003	LF	18" Diameter, Steel Temporary Debris Chute	40.73	
01 74 19 00-0004	LF	30" Diameter, Steel Temporary Debris Chute	62.05	

01 74 19 00-0005 Plastic Temporary Debris Chutes *(01 74 19 00-0001)*

01 74 19 00-0006	LF	24" Diameter, Plastic Temporary Debris Chute	16.13	
		For Steel Liner, Add	*3.20*	
01 74 19 00-0007	LF	30" Diameter, Plastic Temporary Debris Chute	18.50	
		For Steel Liner, Add	*3.67*	
01 74 19 00-0008	LF	36" Diameter, Plastic Temporary Debris Chute	20.85	
		For Steel Liner, Add	*4.14*	

01 74 19 00-0009 Wood Temporary Debris Chutes *(01 74 19 00-0001)*

01 74 19 00-0010	LF	4' x 4', Wood Temporary Debris Chute Note: Includes fabrication and installation.	32.19	

01 74 19 00-0011 Construction Dumpsters Rental *(01 74 19)*

Note: Includes service to delivery and pick-up of dumpster, hauling of debris, rental of dumpster and all applicable non-hazardous disposal fees. Cost of "each" is based on each pick-up. Use modifier for excess tons up to legal state limit. Unacceptable materials include: aerosol cans, all liquids, animals, antifreeze, appliances, asbestos, barrels, batteries, chemical products, computers, contaminated oils (mixed with solvents, gasoline, etc.), dirt, fluorescent tubes, hazardous waste, herbicides and pesticides, industrial waste, lubricating/hydraulic oil, mattresses, medical waste, microwaves, monitors, motor oil, oil filters, other flammable liquids, paint (except completely dried latex paint cans, no liquids), petroleum-contaminated soil/lead paint chips, propane tanks, radioactive material, railroad ties, solvents, televisions, tires, and transmission oil.

01 74 19 00-0012	EA	6 CY Dumpster (0.5 Ton) "Construction Debris" Note: Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee. Non-hazardous material.	414.61	
		For Each Ton Over Indicated Amount, Add	*45.00*	
01 74 19 00-0013	EA	10 CY Dumpster (1 Ton) "Construction Debris" Note: Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee. Non-hazardous material.	490.00	
		For Each Ton Over Indicated Amount, Add	*45.00*	
01 74 19 00-0014	EA	15 CY Dumpster (2 Ton) "Construction Debris" Note: Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee. Non-hazardous material.	534.98	
		For Each Ton Over Indicated Amount, Add	*45.00*	
01 74 19 00-0015	EA	20 CY Dumpster (3 Ton) "Construction Debris" Note: Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee. Non-hazardous material.	585.00	
		For Each Ton Over Indicated Amount, Add	*45.00*	
01 74 19 00-0016	EA	30 CY Dumpster (4 Ton) "Construction Debris" Note: Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee. Non-hazardous material.	634.96	
		For Each Ton Over Indicated Amount, Add	*45.00*	
01 74 19 00-0017	EA	40 CY Dumpster (5 Ton) "Construction Debris" Note: Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee. Non-hazardous material.	735.00	
		For Each Ton Over Indicated Amount, Add	*45.00*	

01 74 19 00-0018 Concrete Washout Service *(01 74 19)*

01 74 19 00-0019	MO	Rampless Concrete Washout Bin Note: Includes delivery.	503.44	
01 74 19 00-0020	MO	Ramped Concrete Washout Bin Note: Includes delivery.	604.13	
01 74 19 00-0021	EA	Interim Vacuum Service, Concrete Washout Bin Note: Includes vacuum and recycle excess clear liquid from the unfilled bin to allow additional space for washout material.	621.54	
01 74 19 00-0022	EA	Vacuum, Pickup, Swap And Dump, Concrete Washout Bin Note: Includes vacuum the liquid from the full bin and pick up the bin, and recycle all material. An empty bin will be left at the site if the project is not completed.	1,346.67	

01 74 19 00-0023 Debris Processing Fee *(01 74 19)*

01 74 19 00-0024 Material Recycling Fees *(01 74 19 00-0023)*

Note: Not to be used with Dumpster Tasks which includes the Landfill Dump Fee. Excludes hauling.

01 74 19 00-0025	CY	Drop-Off Asphalt At Recycling Center	21.62	
01 74 19 00-0026	CY	Drop-Off Non-Reinforced Concrete At Recycling Center	28.97	
01 74 19 00-0027	CY	Drop-Off Reinforced Concrete At Recycling Center	43.45	
01 74 19 00-0028	CY	Drop-Off Brick Or Block At Recycling Center	37.66	
01 74 19 00-0029	CY	Drop-Off Dirt At Recycling Center	42.00	
01 74 19 00-0030	CY	Drop-Off Dimensional Lumber At Recycling Center	20.28	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 74 19 00-0031		**Landfill Dump Fees** *(01 74 19 00-0023)* Note: Actual disposal quantities will be verified through certified load tickets upon completion of the work. Any discrepancies in quantities specified from the corresponding price proposal shall be rectified through a supplemental job order. Does not apply when material is transferred to owner's site or facility, or with use of dumpsters. Excludes hauling. See CSI section 01 74 19 00-0064 for hauling.		
01 74 19 00-0032	TON	Disposal Of Construction And Demolition Debris	82.01	
01 74 19 00-0033	TON	Disposal Of Non-Hazardous Special Waste Note: Includes but not limited to the following: In-Place Impacted Soil, Soil exceeds Tier 1 Residential SRO's, Unsuitable Soil, Contaminated Soil, Treated Lead Impacted Soil, and PNA Impacted Urban Fill..	49.32	
		For >5,000 To 10,000, Deduct	*-0.50*	
		For >10,000 To 30,000, Deduct	*-1.50*	
		For >30,000, Deduct	*-2.00*	
01 74 19 00-0034	TON	Disposal Of Clean Fill Material Note: Includes but not limited to the following: Soil does not exceed Tier 1 Residential SRO's and In-Place Non-Impacted Soil.	9.42	
01 74 19 00-0035	TON	Disposal Of Municipal Solid Waste Note: Includes garbage waste not classified as Non-Hazardous Special Waste.	70.93	
01 74 19 00-0036		**Mobile Crusher** *(01 74 19 00-0023)* Note: Includes crusher, operators, foreman, laborers and loader equipment.		
01 74 19 00-0037	EA	Mobilization Cost Of Mobile Concrete Crusher Note: Daily output of crusher is estimated at 1500 Tons.	10,000.00	
01 74 19 00-0038	TON	Daily Operation Of Mobile Concrete Crusher Note: Daily output of crusher is estimated at 1500 Tons. Includes crusher, operators, foreman, laborers and loader equipment.	5.75	
01 74 19 00-0039		**Hauling Of Excavated Material For Use As Earthen Fill On Site** *(01 74 19)* Note: To be used for relocation of excavated material on site, loose CY volumes apply. Includes the wait times, hauling and dumping of material at distances of over 200'. Excludes loading, grading and compaction tasks. Not to be used with cut /fill operations of less than 200'.		
01 74 19 00-0040	CY	200' To 500' On Site Hauling Of Material For Fill	2.26	
01 74 19 00-0041	CY	>500' To 1,500' On Site Hauling Of Material For Fill	2.45	
01 74 19 00-0042	CY	>1,500' On Site Hauling Of Material For Fill	2.64	
01 74 19 00-0043		**Hauling Of Materials To Disposal Sites** *(01 74 19)* Note: To be used for the hauling of all materials including special wastes from the project site to approved disposal sites. Includes all costs including the costs associated with: highway tolls, weight time for loading and dumping. Select the appropriate line item based on the ward that the Project is located in. Excludes hauling of hazardous waste and, costs for dump fees, and loading.		
01 74 19 00-0044	CY	Haul Material From Wards (12,14,22,23)	14.42	
01 74 19 00-0045	CY	Haul Material From Wards (2,9,10,11,13,15,16,18,25,27,28,34,45)	15.64	
01 74 19 00-0046	CY	Haul Material From Wards (1,3,6,7,8,17,19,20,21,26,29,30,31,33, 35,36,37,38,39,41)	16.79	
01 74 19 00-0047	CY	Haul Material From Wards (4,5,32,42,43)	23.17	
01 74 19 00-0048	CY	Haul Material From Wards (40,44,47,46,48,49,50)	25.98	
01 74 19 00-0049		**Hauling Of Building Debris To Disposal Sites** *(01 74 19)* Note: To be used for the hauling of building demolition debris from the project site to approved disposal sites. Includes all costs including the costs associated with: highway tolls, weight time for loading and dumping. Select the appropriate task based on the ward that the Project is located in. Excludes hauling of hazardous waste and, costs for dump fees, and loading.		
01 74 19 00-0050	CY	Haul Building Debris From Wards (12,14,22,23,9,10,13,15,16,25, 27,28,34)	13.81	
01 74 19 00-0051	CY	Haul Building Debris From Wards (1,3,6,8,17,20,21,26,29,30,31, 32,33,35,37,39,40,42,43,44,48,49,50)	14.00	
01 74 19 00-0052	CY	Haul Building Debris From Wards (2,4,5,7,11,18,19,36,38,41,45,47, 46)	16.45	
01 74 19 00-0053		**Hauling Of Imported Materials** *(01 74 19)* Note: Includes delivery from the approved source, any cost for loading, highway tolls and dumping. Select the appropriate task based on the ward that the Project is located in. Excludes any cost for purchasing, spreading or backfilling. All material priced per respective unit of measure stone, aggregate and engineered fill material by weight and all loose non-engineered, earthen fill material by volume. The Contractor must submit load tickets indicating the type of material, the amount of material and source.		
01 74 19 00-0054	CY	Haul Imported Earthen Fill Wards (12,14,22,23)	14.00	
01 74 19 00-0055	CY	Haul Imported Earthen Fill Wards (2,9,10,11,13,15,16,18,25,27, 28,34,45)	15.34	
01 74 19 00-0056	CY	Haul Imported Earthen Fill Wards (1,3,6,7,8,17,19,20,21,26,29, 30,31,33,35,36,37,38,39,41)	16.52	
01 74 19 00-0057	CY	Haul Imported Earthen Fill Wards (4,5,32,42,43)	17.15	
01 74 19 00-0058	CY	Haul Imported Earthen Fill Wards (40,44,47,46,48,49,50)	19.24	
01 74 19 00-0059	TON	Haul Imported Stone / Aggregate Fill To Wards (12,14,22,23)	8.49	
01 74 19 00-0060	TON	Haul Imported Stone / Aggregate Fill To Wards (2,9,10,11,13,15, 16,18,25,27,28,34,45)	8.31	
01 74 19 00-0061	TON	Haul Imported Stone / Aggregate Fill To Wards (1,3,6,7,8,17,19, 20,21,26,29,30,31,33,35,36,37,38,39,41)	9.27	
01 74 19 00-0062	TON	Haul Imported Stone / Aggregate Fill To Wards (4,5,32,42,43)	10.06	
01 74 19 00-0063	TON	Haul Imported Stone / Aggregate Fill To Wards (40,44,47,46,48, 49,50)	11.19	
01 74 19 00-0064		**Hauling** *(01 74 19)* Note: This hauling work task is to be used only for the hauling of material from the project site outside the City limits. Includes load time, time for travel, dump time and return (roundtrip). The task quantity is the number of miles to the disposal site (one way mileage) times the number of cubic yards being transported. For example, to haul 8 CY to a site 14 miles away, the quantity is calculated as follows: 14 miles x 8 CY = 112 CYM.		
01 74 19 00-0065	CYM	Hauling	0.96	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 74 23		**Final Cleaning** *(01 74)*		
01 74 23 00-0001		Cleaning Of Glass *(01 74 23)*		
01 74 23 00-0002	CSF	Cleaning Of Existing Glass Surfaces	35.47	

END OF SECTION 01

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

02 Existing Conditions

02 20 Assessment *(02)*

02 25 Existing Material Assessment *(02 20)*

02 25 16 Existing Concrete, Masonry or Asphalt Assessment *(02 25)*

See CSI section 01 71 36 00-0000 for non-destructive concrete examination.

02 25 16 13 Concrete Assessment Drilling *(02 25 16)*

See CSI section 01 71 36 00-0000 for non-destructive concrete examination.

02 30 Subsurface Investigation *(02)*

02 32 Geotechnical Investigations *(02 30)*

02 32 13 Subsurface Drilling and Sampling *(02 32)*

See CSI section 01 45 23 00-0000 for testing and lab reports.

02 32 13 00-0001 Mobilization Of Drilling Crew *(02 32 13)*

02 32 13 00-0002	EA	Mobilization Of Drilling Crew	1,348.02

02 32 13 00-0003 Auger Borings *(02 32 13)*

02 32 13 00-0004	LF	Standard Auger Hole With Split Spoon Sample At 5' Intervals	40.60

02 32 13 00-0005 Cased Borings In Earth, With Samples *(02 32 13)*

Note: All types of soils.

02 32 13 00-0006	LF	2-1/2" Diameter Cased Borings In Earth, With Samples	100.41
02 32 13 00-0007	LF	4" Diameter Cased Borings In Earth, With Samples	171.70

02 32 13 00-0008 Drilling In Rock, BW Core (2.125") *(02 32 13)*

02 32 13 00-0009	LF	Drill In Rock, BW Core, With Casing Note: Includes sampling.	106.72
02 32 13 00-0010	EA	Drill In Rock, With BW Core Boxes	9.90

02 32 13 00-0011 Drilling In Rock, NW Core (2.98") *(02 32 13)*

02 32 13 00-0012	LF	Drill In Rock, NW Core, With Casing Note: Includes sampling.	137.86
02 32 13 00-0013	EA	Drill In Rock, With NW Core Boxes	11.39

02 32 13 00-0014 Shelby Tube Sampling *(02 32 13)*

02 32 13 00-0015	EA	Shelby Tube Sampling	54.32
02 32 13 00-0016	EA	Penetration Test	44.26

02 32 13 00-0017 Grouting *(02 32 13)*

02 32 13 00-0018	VLF	Boreholes	10.30

02 32 19 Exploratory Excavations *(02 32)*

02 32 19 00-0001 Hydro Excavation *(02 32 19)*

Note: Assumes on-site disposal.

02 32 19 00-0002	EA	Hydro Excavation, Mobilization/Demobilization	180.84
02 32 19 00-0003	EA	Hydro Excavation, Minimum Charge Note: For projects where the total charge is less than the "Hydro Excavation Minimum" cost, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	723.36
02 32 19 00-0004	CY	Hydro Excavation, Normal Soil Conditions (Hydro-Vac Truck) Note: Normal soil conditions consist of silt, sand and gravel.	40.18
02 32 19 00-0005	CY	Hydro Excavation, Adverse Soil Conditions (Hydro-Vac Truck) Note: Adverse soil conditions consist of clay, glacial till and rocks.	64.29

02 40 Demolition and Structure Moving *(02)*

02 41 Demolition *(02 40)*

02 41 13 Selective Site Demolition *(02 41)*

02 41 13 13 Paving Removal *(02 41 13)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

02 41 13 13-0001 By Machine, Break-up And Remove Bituminous And Concrete Paving *(02 41 13 13)*

Note: Includes slabs, pavements, sidewalks and base courses. Includes work around obstacles, breaking into manageable sizes by machine and loading into truck, dumpster or moving material to stockpile. Removal depth to include base aggregate. Excludes saw cutting (where required) and disposal. See CSI section 02 41 19 13-0051 for saw cutting.

02 41 13 13-0002	SY	Break-up And Remove To 3" Thick Bituminous, (0 > 500)		4.76
02 41 13 13-0003	SY	Break-up And Remove To 3" Thick Bituminous, (500 > 1000)		3.43
02 41 13 13-0004	SY	Break-up And Remove To 3" Thick Bituminous, (1000 >)		2.86
02 41 13 13-0005	SY	Break-up And Remove >3" To 6" Thick Bituminous, (0 > 500)		5.52
02 41 13 13-0006	SY	Break-up And Remove >3" To 6" Thick Bituminous, (500 > 1000)		3.62
02 41 13 13-0007	SY	Break-up And Remove >3" To 6" Thick Bituminous, (1000 >)		3.04
02 41 13 13-0008	SY	Break-up And Remove To 3" Thick Concrete, Without Reinforcing, (0 > 500)		5.81
02 41 13 13-0009	SY	Break-up And Remove To 3" Thick Concrete, Without Reinforcing, (500 > 1000)		5.14
02 41 13 13-0010	SY	Break-up And Remove To 3" Thick Concrete, Without Reinforcing, (1000 >)		4.19
02 41 13 13-0011	SY	Break-up And Remove >3" To 6" Thick Concrete, Without Reinforcing, (0 > 500)		7.77
02 41 13 13-0012	SY	Break-up And Remove >3" To 6" Thick Concrete, Without Reinforcing, (500 > 1000)		7.16
02 41 13 13-0013	SY	Break-up And Remove >3" To 6" Thick Concrete, Without Reinforcing, (1000 >)		6.00
02 41 13 13-0014	SY	Break-up And Remove To 3" Thick Concrete, With Wire Mesh, (0 > 500)		6.00
02 41 13 13-0015	SY	Break-up And Remove To 3" Thick Concrete, With Wire Mesh, (500 > 1000)		5.52
02 41 13 13-0016	SY	Break-up And Remove To 3" Thick Concrete, With Wire Mesh, (1000 >)		4.76
02 41 13 13-0017	SY	Break-up And Remove > 3" To 6" Thick Concrete, With Wire Mesh, (0 > 500)		8.01
02 41 13 13-0018	SY	Break-up And Remove > 3" To 6" Thick Concrete, With Wire Mesh, (500 > 1000)		7.43
02 41 13 13-0019	SY	Break-up And Remove > 3" To 6" Thick Concrete, With Wire Mesh, (1000 >)		6.29
02 41 13 13-0020	SY	Break-up And Remove > 6" To 9" Thick Concrete With Wire Mesh, (0 > 500)		8.58
02 41 13 13-0021	SY	Break-up And Remove > 6" To 9" Thick Concrete With Wire Mesh, (500 > 1000)		7.62
02 41 13 13-0022	SY	Break-up And Remove > 6" To 9" Thick Concrete With Wire Mesh, (1000 >)		6.76
02 41 13 13-0023	SY	Break-up And Remove To 3" Thick Concrete With Reinforcing Rod, (0 > 500)		9.14
02 41 13 13-0024	SY	Break-up And Remove To 3" Thick Concrete With Reinforcing Rod, (500 > 1000)		8.20
02 41 13 13-0025	SY	Break-up And Remove To 3" Thick Concrete With Reinforcing Rod, (1000 >)		7.24
02 41 13 13-0026	SY	Break-up And Remove > 3" To 6" Thick Concrete With Reinforcing Rod, (0 > 500)		12.58
02 41 13 13-0027	SY	Break-up And Remove > 3" To 6" Thick Concrete With Reinforcing Rod, (500 > 1000)		11.24
02 41 13 13-0028	SY	Break-up And Remove > 3" To 6" Thick Concrete With Reinforcing Rod, (1000 >)		10.29
02 41 13 13-0029	SY	Break-up And Remove > 6" To 9" Thick Concrete With Reinforcing Rod, (0 > 500)		17.09
02 41 13 13-0030	SY	Break-up And Remove > 6" To 9" Thick Concrete With Reinforcing Rod, (500 > 1000)		14.29
02 41 13 13-0031	SY	Break-up And Remove > 6" To 9" Thick Concrete With Reinforcing Rod, (1000 >)		13.15
02 41 13 13-0032	SY	Break-up And Remove >9" To 14" Thick Concrete With Reinforcing Rod, (0 > 500)		28.41
02 41 13 13-0033	SY	Break-up And Remove >9" To 14" Thick Concrete With Reinforcing Rod, (500 > 1000)		23.43
02 41 13 13-0034	SY	Break-up And Remove >9" To 14" Thick Concrete With Reinforcing Rod, (1000 >)		20.57
02 41 13 13-0035	SY	Break-up And Remove >14" To 19" Thick Concrete With Reinforcing Rod, (0 > 500)		34.78
02 41 13 13-0036	SY	Break-up And Remove >14" To 19" Thick Concrete With Reinforcing Rod, (500 > 1000)		31.34
02 41 13 13-0037	SY	Break-up And Remove >14" To 19" Thick Concrete With Reinforcing Rod, (1000 >)		28.30
02 41 13 13-0038	SY	Break-up And Remove >19" To 24" Thick Concrete With Reinforcing Rod, (0 > 500)		40.52
02 41 13 13-0039	SY	Break-up And Remove >19" To 24" Thick Concrete With Reinforcing Rod, (500 > 1000)		35.53
02 41 13 13-0040	SY	Break-up And Remove >19" To 24" Thick Concrete With Reinforcing Rod, (1000 >)		31.89

02 41 13 13-0041 By Hand, Break-up And Remove Bituminous And Concrete Paving *(02 41 13 13)*

Note: Includes slabs, pavements, sidewalks and base courses. Includes work around obstacles. Work includes breaking into manageable size with jackhammer and hand tools, removal and loading onto a truck or dumpster. For individual work areas where conventional equipment access is limited or prohibited. Task is only to be used when requested by owner. Removal depth to include base aggregate. Excludes saw cutting (where required) and disposal. See CSI section 02 41 19 13-0051 for saw cutting.

02 41 13 13-0042	SF	Up To 3" By Hand, Break-up And Remove Bituminous Paving		4.51
02 41 13 13-0043	SF	>3" To 6" By Hand, Break-up And Remove Bituminous Paving		5.94
02 41 13 13-0044	SF	>6" To 9" By Hand, Break-up And Remove Bituminous Paving		7.71
02 41 13 13-0045	SF	Up To 3" By Hand, Break-up And Remove Concrete Paving		5.64
02 41 13 13-0046	SF	>3" To 6" By Hand, Break-up And Remove Concrete Paving		7.79
02 41 13 13-0047	SF	>6" To 9" By Hand, Break-up And Remove Concrete Paving		9.98

02 41 13 13-0048 Grind Concrete *(02 41 13 13)*

02 41 13 13-0049	EA	Grind Existing Sidewalks, Up To 1/2" Depth, To Remove Ridges (Tripping Hazard) Note: For each location up to 5' wide, feather up to 12" each direction.		233.55
		For >1/2" To 1" Depth Of Grinding, Add	*35.03*	
		For >1" To 1-1/2" Depth Of Grinding, Add	*58.39*	
		For Up To 5, Add	*46.71*	
		For >5 To 10, Add	*23.36*	
		For >25 To 50, Deduct	*-23.36*	
		For >50 To 250, Deduct	*-35.03*	
		For >250, Deduct	*-46.71*	
		For Sidewalks >5', Add	*23.36*	
		For Up To 12" Additional Feathering Per Side, Add	*23.36*	

02 41 13 15 Hydro Demolition *(02 41 13)*

02 41 13 15-0001 Hydro Demolition Of Concrete Pavement *(02 41 13 15)*

Note: Includes removal but excludes disposal of concrete.

02 41 13 15-0002	SF	Up To 2" Depth, Hydro Demolition, Using 40,000 PSI Water Jet		8.41
02 41 13 15-0003	SF	>2" To 4" Depth, Hydro Demolition, Using 40,000 PSI Water Jet		10.51
02 41 13 15-0004	SF	>4" To 6" Depth, Hydro Demolition, Using 40,000 PSI Water Jet		14.07

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 13 15-0005	SF	>6" To 8" Depth, Hydro Demolition, Using 40,000 PSI Water Jet	27.99	

02 41 13 43 Selective Site Demolition *(02 41 13)*

02 41 13 43-0001 Removals *(02 41 13 43)*

Note: The following City of Chicago, Department of Transportation standard site work tasks are all-inclusive, assembly work tasks and shall be used in lieu of individual component tasks. The JOC General Conditions, Book 2, further define the use of these tasks. Refer to the appropriate specifications contained in Book 4 for a complete definition of what is included in these work tasks.

02 41 13 43-0002	SY	Pavement Removal, 6" To 9", (0 > 250)	45.64	
02 41 13 43-0003	SY	Pavement Removal, 6" To 9", (250 > 2500)	37.66	
02 41 13 43-0004	SY	Pavement Removal, 6" To 9", (2500 > 5000)	31.96	
02 41 13 43-0005	SY	Pavement Removal, 6" To 9", (5000 > 10000)	27.17	
02 41 13 43-0006	SY	Pavement Removal, 6" To 9", (10000 >)	22.40	
02 41 13 43-0007	SY	Pavement Removal, 9" To 12", (0 > 250)	57.02	
02 41 13 43-0008	SY	Pavement Removal, 9" To 12", (250 > 2500)	47.02	
02 41 13 43-0009	SY	Pavement Removal, 9" To 12", (2500 > 5000)	39.95	
02 41 13 43-0010	SY	Pavement Removal, 9" To 12", (5000 > 10000)	33.19	
02 41 13 43-0011	SY	Pavement Removal, 9" To 12", (10000 >)	29.75	
02 41 13 43-0012	SY	Pavement Removal, 12" Or Greater, (0 > 250)	68.45	
02 41 13 43-0013	SY	Pavement Removal, 12" Or Greater, (250 > 2500)	56.36	
02 41 13 43-0014	SY	Pavement Removal, 12" Or Greater, (2500 > 5000)	47.91	
02 41 13 43-0015	SY	Pavement Removal, 12" Or Greater, (5000 > 10000)	40.63	
02 41 13 43-0016	SY	Pavement Removal, 12" Or Greater, (10000 >)	33.29	
02 41 13 43-0017	SY	Pavement Removal And Replacement, (0 > 50)	175.05	
02 41 13 43-0018	SY	Pavement Removal And Replacement, (50 > 500)	134.97	
02 41 13 43-0019	SY	Pavement Removal And Replacement, (500 > 2,000)	107.75	
02 41 13 43-0020	SY	Pavement Removal And Replacement, (2000 >)	86.25	
02 41 13 43-0021	SY	Track Removal, (Up To 100)	105.45	
02 41 13 43-0022	SY	Track Removal, (>100 To 500)	97.78	
02 41 13 43-0023	SY	Track Removal, (>500)	53.68	
02 41 13 43-0024	SY	Granite Block And Brick Paver Removal And Salvage, (Up To 100)	178.31	
02 41 13 43-0025	SY	Granite Block And Brick Paver Removal And Salvage, (>100 To 500)	148.61	
02 41 13 43-0026	SY	Granite Block And Brick Paver Removal And Salvage, (>500)	118.88	
02 41 13 43-0027	LF	Curb Removal, (0 > 20)	13.93	
02 41 13 43-0028	LF	Curb Removal, (20 > 1500)	11.59	
02 41 13 43-0029	LF	Curb Removal, (1500 >)	10.21	
02 41 13 43-0030	LF	Combination Curb And Gutter Removal, (0 > 100)	13.43	
02 41 13 43-0031	LF	Combination Curb And Gutter Removal, (100 > 1500)	10.26	
02 41 13 43-0032	LF	Combination Curb And Gutter Removal, (1500 > 10000)	8.82	
02 41 13 43-0033	LF	Combination Curb And Gutter Removal, (10000 >)	7.19	
02 41 13 43-0034	SF	Sidewalk Removal, (0 > 500)	5.20	
02 41 13 43-0035	SF	Sidewalk Removal, (500 > 1000)	4.36	
02 41 13 43-0036	SF	Sidewalk Removal, (1000 > 2500)	3.63	
02 41 13 43-0037	SF	Sidewalk Removal, (2500 > 12000)	2.95	
02 41 13 43-0038	SF	Sidewalk Removal, (12000 >)	2.16	
02 41 13 43-0039	SY	Driveway And Alley Pavement Removal, (Up To 100)	48.07	
02 41 13 43-0040	SY	Driveway And Alley Pavement Removal, (>100 To 400)	38.67	
02 41 13 43-0041	SY	Driveway And Alley Pavement Removal, (>400 To 800)	31.36	
02 41 13 43-0042	SY	Driveway And Alley Pavement Removal, (>800)	21.30	
02 41 13 43-0043	SY	Up To 50, Bituminous Concrete Surface Removal (Variable Depth) Note: Includes all machinery (such as milling machine, sweeper, truck), hauling and disposal.	91.50	
02 41 13 43-0044	SY	>50 To 100, Bituminous Concrete Surface Removal, Variable Depth Note: Includes all machinery (such as milling machine, sweeper, truck), hauling and disposal.	54.62	
02 41 13 43-0045	SY	>100 To 400, Bituminous Concrete Surface Removal, Variable Depth Note: Includes all machinery (such as milling machine, sweeper, truck), hauling and disposal.	43.38	
02 41 13 43-0046	SY	>400 To 1,000, Bituminous Concrete Surface Removal, Variable Depth Note: Includes all machinery (such as milling machine, sweeper, truck), hauling and disposal.	31.50	
02 41 13 43-0047	SY	>1,000 To 5,000, Bituminous Concrete Surface Removal, Variable Depth Note: Includes all machinery (such as milling machine, sweeper, truck), hauling and disposal.	17.36	
02 41 13 43-0048	SY	>5,000, Bituminous Concrete Surface Removal, Variable Depth Note: Includes all machinery (such as milling machine, sweeper, truck), hauling and disposal.	11.81	
02 41 13 43-0049	SF	Median Removal (Special), (Up To 50)	48.08	
02 41 13 43-0050	SF	Median Removal (Special), (>50 To 250)	27.85	
02 41 13 43-0051	SF	Median Removal (Special), (>250 To 1,000)	20.01	
02 41 13 43-0052	SF	Median Removal (Special), (>1,000)	13.55	
02 41 13 43-0053	LF	Up To 100, Saw Cutting Pavement, Up To 5"	11.01	
02 41 13 43-0054	LF	>100 To 500, Saw Cutting Pavement, Up To 5"	6.19	
02 41 13 43-0055	LF	>500 To 2,500, Saw Cutting Pavement, Up To 5"	5.00	
02 41 13 43-0056	LF	>2,500, Saw Cutting Pavement, Up To 5"	3.97	
02 41 13 43-0057	LF	Up To 100, Saw Cutting Pavement, >5" To 12"	13.77	
02 41 13 43-0058	LF	>100 To 500, Saw Cutting Pavement, >5" To 12"	7.77	
02 41 13 43-0059	LF	>500 To 2,500, Saw Cutting Pavement, >5" To 12"	6.19	
02 41 13 43-0060	LF	>2,500, Saw Cutting Pavement, >5" To 12"	5.00	
02 41 13 43-0061	LF	Up To 100, Saw Cutting Pavement, >12"	16.51	
02 41 13 43-0062	LF	>100 To 500, Saw Cutting Pavement, >12"	9.29	
02 41 13 43-0063	LF	>500 To 2,500, Saw Cutting Pavement, >12"	7.42	
02 41 13 43-0064	LF	>2,500, Saw Cutting Pavement, >12"	6.03	
02 41 13 43-0065	EA	Up To 10, Saw Cutting Curb, Full Depth	18.08	
02 41 13 43-0066	EA	>10 To 50, Saw Cutting Curb, Full Depth	10.16	
02 41 13 43-0067	EA	>50 To 200, Saw Cutting Curb, Full Depth	8.10	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 13 43-0068	EA	>200, Saw Cutting Curb, Full Depth		6.54
02 41 13 43-0069	LF	Sawcutting Pavement, Decorative Jointing, (0 > 200)		4.55
02 41 13 43-0070	LF	Sawcutting Pavement, Decorative Jointing, (200 > 1000)		2.76
02 41 13 43-0071	LF	Sawcutting Pavement, Decorative Jointing, (1000 > 5000)		2.20
02 41 13 43-0072	LF	Sawcutting Pavement, Decorative Jointing, (5000 >)		1.79
02 41 13 43-0073	IN	Tree Removal (Under 6 Inch Diameter), (0 > 10)		69.95
02 41 13 43-0074	IN	Tree Removal (Under 6 Inch Diameter), (10 > 20)		58.34
02 41 13 43-0075	IN	Tree Removal (Under 6 Inch Diameter), (20 > 100)		39.14
02 41 13 43-0076	IN	Tree Removal (Under 6 Inch Diameter), (100 > 1,000)		32.38
02 41 13 43-0077	IN	Tree Removal (Under 6 Inch Diameter), (1,000 >)		17.28
02 41 13 43-0078	IN	Tree Removal (6 To 15 Inch Diameter), (0 > 10)		80.38
02 41 13 43-0079	IN	Tree Removal (6 To 15 Inch Diameter), (10 > 20)		67.83
02 41 13 43-0080	IN	Tree Removal (6 To 15 Inch Diameter), (20 > 100)		50.22
02 41 13 43-0081	IN	Tree Removal (6 To 15 Inch Diameter), (100 > 1,000)		39.82
02 41 13 43-0082	IN	Tree Removal (6 To 15 Inch Diameter), (1,000 >)		24.87
02 41 13 43-0083	IN	Tree Removal (Over 15 Inch Diameter), (0 > 10)		90.42
02 41 13 43-0084	IN	Tree Removal (Over 15 Inch Diameter), (10 > 20)		75.35
02 41 13 43-0085	IN	Tree Removal (Over 15 Inch Diameter), (20 > 50)		57.77
02 41 13 43-0086	IN	Tree Removal (Over 15 Inch Diameter), (50 > 1,000)		49.99
02 41 13 43-0087	IN	Tree Removal (Over 15 Inch Diameter), (1,000 >)		32.10
02 41 13 43-0088	CY	Removal Of Debris, (Up To 400)		97.04
02 41 13 43-0089	CY	Removal Of Debris, (>400 To 5,000)		54.63
02 41 13 43-0090	CY	Removal Of Debris, (>5,000)		38.74
02 41 13 43-0091	SF	Vaulted Sidewalk Removal, Moderate		12.65
02 41 13 43-0092	SF	Vaulted Sidewalk Removal, Complex		24.46
02 41 13 43-0093	EA	Drainage Structure Removal		456.28
02 41 13 43-0094	EA	3' x 3' Tree Grate And Frame Removal		105.69
02 41 13 43-0095	EA	4' x 6' Tree Grate And Frame Removal		137.40
02 41 13 43-0096	EA	5' x 5' Tree Grate And Frame Removal		142.69
02 41 13 43-0097	EA	6' x 6' Tree Grate And Frame Removal		179.69
02 41 13 43-0098	EA	Utility Pole Removal, Up To 40'		742.41
		Note: Includes cutting pole at ground level and disposal of pole		
02 41 13 43-0099	CY	Concrete Step Removal		394.85
02 41 13 43-0100	LF	Removal Of Guard Rail And Posts		11.82
02 41 13 43-0101	LF	Removal Of Chain Link Fence		5.19
02 41 13 43-0102	LF	Removal Of Ornamental Fence		8.95
02 41 13 43-0103	SY	Driveway And Alley Pavement Removal By Hand Around Structures		228.45

02 41 16 Structure Demolition *(02 41)*

02 41 16 13 Building Demolition *(02 41 16)*

02 41 16 13-0001 Foundation Demolition *(02 41 16 13)*

Note: Excludes earthwork. See CSI section 31 00 00 00-0000 for earthwork.

02 41 16 13-0002 Break-Up And Remove Building Foundations And Footings *(02 41 16 13-0001)*

Note: Excludes earthwork. See CSI section 31 00 00 00-0000 for earthwork.

02 41 16 13-0003	CF	Demolish Reinforced Concrete Building Foundation/Footings, Up To 12" Thick	4.89
02 41 16 13-0004	CF	Demo Reinforced Concrete Building Foundation/Footings, >12" To 14" Thick	5.34
02 41 16 13-0005	CF	Demo Reinforced Concrete Building Foundation/Footings, >14" To 16" Thick	6.05
02 41 16 13-0006	CF	Demo Reinforced Concrete Building Foundation/Footings, >16" To 18" Thick	6.67
02 41 16 13-0007	CF	Demo Reinforced Concrete Building Foundation/Footings, >18" To 20" Thick	7.11
02 41 16 13-0008	CF	Demo Reinforced Concrete Building Foundation/Footings, >20" To 22" Thick	8.01
02 41 16 13-0009	CF	Demo Reinforced Concrete Building Foundation/Footings, >22" To 24" Thick	8.89
02 41 16 13-0010	CF	Demo Reinforced Concrete Building Foundation/Footings, >24" To 36" Thick	10.66
02 41 16 13-0011	CF	Demo Reinforced Concrete Building Foundation/Footings, >36" To 48" Thick	12.45

02 41 16 13-0012 Other Foundation Demolition *(02 41 16 13)*

02 41 16 13-0013	CF	Demo Concrete Footing For Fence, Gate, Playground Equipment	17.39
		Note: Includes excavation.	
		For >135 To 405, Deduct	*-1.52*
		For >405 To 810, Deduct	*-3.04*
		For >810 To 2025, Deduct	*-4.35*
		For >2025, Deduct	*-6.96*

02 41 19 Selective Demolition *(02 41)*

02 41 19 13 Selective Building Demolition *(02 41 19)*

02 41 19 13-0001 Exterior Masonry Removal *(02 41 19 13)*

02 41 19 13-0002 Masonry Columns Removal (Interior And Exterior) *(02 41 19 13-0001)*

02 41 19 13-0003	VLF	8" x 8" Masonry Column Removal	17.67
02 41 19 13-0004	VLF	10" x 10" Masonry Column Removal	27.60
02 41 19 13-0005	VLF	12" x 12" Masonry Column Removal	35.36
02 41 19 13-0006	VLF	14" x 14" Masonry Column Removal	44.26
02 41 19 13-0007	VLF	16" x 16" Masonry Column Removal	54.37
02 41 19 13-0008	CF	Masonry Column Removal, Per CF Of Masonry Removed; For Other Sizes Over 16" Square	30.53

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 19 13-0009		**Masonry Chimney Removal** *(02 41 19 13-0001)*		
02 41 19 13-0010	CF	Up To 3 CF/VLF Chimney Removal, Per CF Of Masonry Removed	35.82	
02 41 19 13-0011	CF	>3 To 10 CF/VLF Chimney Removal, Per CF Of Masonry Removed	26.89	
02 41 19 13-0012	CF	>10 To 20 CF/VLF Chimney Removal, Per CF Of Masonry Removed	20.58	
02 41 19 13-0013	CF	>20 CF/VLF Chimney Removal, Per CF Of Masonry Removed	14.25	
02 41 19 13-0014		**Remove And Reset Precast, Stone Or Masonry Coping** *(02 41 19 13-0001)*		
		Note: Includes removing, cleaning, and resetting coping with new ties and mortar. Excludes finished edge saw cutting at the intersection between demolition and undisturbed areas. See CSI section 02 41 19 13-0051 for saw cutting.		
02 41 19 13-0015	LF	Up To 8" Wide, Remove And Reset Precast, Stone Or Masonry Coping	23.16	
02 41 19 13-0016	LF	>8" To 12" Wide, Remove And Reset Precast, Stone Or Masonry Coping	34.77	
02 41 19 13-0017	LF	>12" To 24" Wide, Remove And Reset Precast, Stone Or Masonry Coping	66.74	
02 41 19 13-0018		**Facade Removal** *(02 41 19 13-0001)*		
		Note: Includes any saw cutting that may be required for size reduction into manageable pieces for handling and disposal. Excludes finished edge saw cutting at the intersection between demolition and undisturbed areas. See CSI section 02 41 19 13-0051 for saw cutting.		
02 41 19 13-0019	SF	Stone Or Brick Veneer Facade Removal	6.72	
		For Cleaning and Storage For Reuse, Add	*10.08*	
		For Reinforcing, Add	*1.01*	
02 41 19 13-0020		**Exterior Masonry Removal** *(02 41 19 13-0001)*		
		Note: Includes any saw cutting that may be required for size reduction into manageable pieces for handling and disposal. Salvage modifier includes removing mortar, scraping, cleaning, placement on pallets and storage on site. Excludes finished edge saw cutting at the intersection between demolition and undisturbed areas. See CSI section 02 41 19 13-0051 for saw cutting.		
02 41 19 13-0021	SF	Demolish 4" Thick Non-Reinforced Concrete Block Exterior Wall	5.92	
02 41 19 13-0022	SF	Demolish 6" Thick Non-Reinforced Concrete Block Exterior Wall	6.67	
02 41 19 13-0023	SF	Demolish 8" Thick Non-Reinforced Concrete Block Exterior Wall	8.07	
02 41 19 13-0024	SF	Demolish 10" Thick Non-Reinforced Concrete Block Exterior Wall	8.82	
02 41 19 13-0025	SF	Demolish 12" Thick Non-Reinforced Concrete Block Exterior Wall	9.68	
02 41 19 13-0026	SF	Demolish 16" Thick Non-Reinforced Concrete Block Exterior Wall	12.11	
02 41 19 13-0027	SF	Demolish 4" Thick Reinforced Concrete Block Exterior Wall	6.99	
02 41 19 13-0028	SF	Demolish 6" Thick Reinforced Concrete Block Exterior Wall	8.01	
02 41 19 13-0029	SF	Demolish 8" Thick Reinforced Concrete Block Exterior Wall	9.68	
02 41 19 13-0030	SF	Demolish 10" Thick Reinforced Concrete Block Exterior Wall	10.59	
02 41 19 13-0031	SF	Demolish 12" Thick Reinforced Concrete Block Exterior Wall	11.62	
02 41 19 13-0032	SF	Demolish 16" Thick Reinforced Concrete Block Exterior Wall	14.54	
02 41 19 13-0033	SF	Demolish 4" Thick Brick Exterior Wall	5.92	
		For Cleaning and Storage For Reuse, Add	*8.88*	
02 41 19 13-0034	SF	Demolish 6" Thick Brick Exterior Wall	6.67	
		For Cleaning and Storage For Reuse, Add	*10.01*	
02 41 19 13-0035	SF	Demolish 8" Thick Brick Exterior Wall	8.07	
		For Cleaning and Storage For Reuse, Add	*12.11*	
02 41 19 13-0036	SF	Demolish 10" Thick Brick Exterior Wall	8.82	
		For Cleaning and Storage For Reuse, Add	*13.23*	
02 41 19 13-0037	SF	Demolish 12" Thick Brick Exterior Wall	9.68	
		For Cleaning and Storage For Reuse, Add	*14.52*	
02 41 19 13-0038	SF	Demolish 16" Thick Brick Exterior Wall	12.11	
		For Cleaning and Storage For Reuse, Add	*18.17*	
02 41 19 13-0039	CF	Exterior Brick, Concrete Block Or Composite Removal	17.21	
		For Cleaning and Storage For Reuse, Add	*25.82*	
		For Reinforcing, Add	*2.58*	
02 41 19 13-0040		**Lintel Removal** *(02 41 19 13-0001)*		
		Note: Includes any saw cutting that may be required for size reduction into manageable pieces for handling and disposal. Excludes finished edge saw cutting at the intersection between demolition and undisturbed areas. See CSI section 02 41 19 13-0051 for saw cutting.		
02 41 19 13-0041	LF	Demolish Steel Lintel	15.33	
02 41 19 13-0042	LF	Demolish Concrete Or Stone Lintel	20.44	
02 41 19 13-0043	LF	Demolish Steel Shelf Angle	16.18	
02 41 19 13-0044		**Reinstall Lintel** *(02 41 19 13-0001)*		
		Note: Excludes finished edge saw cutting at the intersection between demolition and undisturbed areas. See CSI section 02 41 19 13-0051 for saw cutting.		
02 41 19 13-0045	LF	Clean, Prime And Paint Steel Shelf Angle Or Lintel	9.36	
02 41 19 13-0046	LF	Reinstall Existing Concrete Or Stone Lintel	20.44	
02 41 19 13-0047	LF	Reinstall Existing Steel Shelf Angle	57.18	
		Note: Includes fasteners.		
02 41 19 13-0048	LF	Reinstall Existing Steel Lintel	22.71	
02 41 19 13-0049	LF	Removal And Replacement Of Steel Shelf Angle Over Window Openings At Cavity Walls	93.56	
02 41 19 13-0050	LF	Removal And Replacement Of Steel Lintel Over Window Openings	172.95	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 19 13-0051		**Saw Cutting** *(02 41 19 13)* Note: Includes blade wear, water, taping off area, layout, clean-up and mist spray with wet vacuuming for dust control where necessary. For projects where the total saw cutting charge is less than the minimum charge, use task "Saw Cut Minimum Charge" exclusively. Task "Saw Cut Minimum Charge" should not be used in conjunction with any other tasks in this section.		
02 41 19 13-0052	EA	Saw Cut Minimum Charge Note: For projects where the total saw cutting charge is less than the minimum charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	1,149.09	
02 41 19 13-0053	LF	Bituminous Paving Up To 4" Depth, Saw Cut	2.44	
		For Each Additional Pass (Depth To 3"), Add	*0.95*	
		For >250, Deduct	*-0.24*	
02 41 19 13-0054	LF	Brick Masonry Up To 4" Depth, Saw Cut	9.30	
		For Each Additional Pass (Depth To 3"), Add	*3.69*	
		For >250, Deduct	*-0.92*	
02 41 19 13-0055	LF	Concrete Block Up To 4" Depth, Saw Cut	8.40	
		For Each Additional Pass (Depth To 3"), Add	*3.33*	
		For >250, Deduct	*-0.83*	
02 41 19 13-0056	LF	Non-Reinforced Concrete Slab Or Paving Up To 4" Depth, Saw Cut	2.80	
		For Each Additional Pass (Depth To 3"), Add	*1.08*	
		For >250, Deduct	*-0.27*	
02 41 19 13-0057	LF	Welded Wire Reinforced Concrete Slab Up To 4" Depth, Saw Cut	3.70	
		For Each Additional Pass (Depth To 3"), Add	*1.44*	
		For >250, Deduct	*-0.36*	
02 41 19 13-0058	LF	Rod Reinforced Concrete Slab Up To 4" Depth, Saw Cut	6.16	
		For Each Additional Pass (Depth To 3"), Add	*2.42*	
		For >250, Deduct	*-0.60*	
02 41 19 13-0059	LF	Plain Concrete Walls Up To 4" Depth, Saw Cut	11.90	
		For Each Additional Pass (Depth To 3"), Add	*4.72*	
		For >250, Deduct	*-1.18*	
02 41 19 13-0060	LF	Saw Cut Rod Reinforced Concrete Walls Up To 4" Depth	15.99	
		For Each Additional Pass (Depth To 3"), Add	*6.35*	
		For >250, Deduct	*-1.58*	
02 41 19 13-0061	LF	Concrete And Asphalt Up To 4" Depth, Saw Cut In Streets	3.23	
		For Each Additional Pass (Depth To 3"), Add	*1.17*	
		For >250, Deduct	*-0.28*	
02 41 19 13-0062	LF	Igneous Stone Pavements Up To 4" Depth, Saw Cut	8.42	
		For Each Additional Pass (Depth To 3"), Add	*3.33*	
		For >250, Deduct	*-0.83*	
02 41 19 13-0063	LF	Sedimentary Stone Pavements Up To 4" Depth, Saw Cut	8.42	
		For Each Additional Pass (Depth To 3"), Add	*3.33*	
		For >250, Deduct	*-0.83*	
02 41 19 13-0064	LF	Metamorphic Stone Pavements Up To 4" Depth, Saw Cut	8.42	
		For Each Additional Pass (Depth To 3"), Add	*3.33*	
		For >250, Deduct	*-0.83*	
02 41 19 13-0065	LF	Terrazzo Stone Pavements Up To 4" Depth, Saw Cut	8.42	
		For Each Additional Pass (Depth To 3"), Add	*3.33*	
		For >250, Deduct	*-0.83*	
02 41 19 13-0066		**Torch Cutting** *(02 41 19 13)* Note: Includes grinding edge		
02 41 19 13-0067	LF	Up To 1/2", Torch Cut Steel Plate	3.62	
02 41 19 13-0068	LF	>1/2" To 1" Thick, Torch Cut Steel Plate	7.25	
02 41 19 13-0069	LF	>1" To 1-1/2" Thick, Torch Cut Steel Plate	10.87	
02 41 19 13-0070	LF	>1-1/2" To 2" Thick, Torch Cut Steel Plate	14.51	
02 41 19 13-0071	LF	>2" To 2-1/2" Thick, Torch Cut Steel Plate	18.12	
02 41 19 13-0072	LF	>2-1/2" To 3" Thick, Torch Cut Steel Plate	21.75	
02 41 19 13-0073	EA	Torch Cutting Minimum Charge Note: For projects where the total torch cutting charge is less than the minimum charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	1,142.65	
02 41 19 13-0074		**Drilling In Existing Materials** *(02 41 19 13)* Note: Includes drill bit wear, water, layout, set-up and clean-up.		
02 41 19 13-0075		**Concrete Core Drilling** *(02 41 19 13-0074)*		
02 41 19 13-0076		**Up To 4" Thick Concrete Core Drilling** *(02 41 19 13-0075)*		
02 41 19 13-0077	EA	Drill 1" Diameter Core In Up To 4" Concrete	45.66	
		For Horizontal Cores, Add	*9.03*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*18.07*	
02 41 19 13-0078	EA	Drill 1-1/2" Diameter Core In Up To 4" Concrete	50.66	
		For Horizontal Cores, Add	*10.03*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*20.07*	
02 41 19 13-0079	EA	Drill 2" Diameter Core In Up To 4" Concrete	56.25	
		For Horizontal Cores, Add	*11.15*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*22.30*	
02 41 19 13-0080	EA	Drill 3" Diameter Core In Up To 4" Concrete	80.32	
		For Horizontal Cores, Add	*15.93*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*31.86*	
02 41 19 13-0081	EA	Drill 4" Diameter Core In Up To 4" Concrete	107.62	
		For Horizontal Cores, Add	*21.35*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*42.70*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 19 13-0082	EA	Drill 6" Diameter Core In Up To 4" Concrete	120.59	
		For Horizontal Cores, Add	*23.90*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*47.79*	
02 41 19 13-0083	EA	Drill 8" Diameter Core In Up To 4" Concrete	192.71	
		For Horizontal Cores, Add	*38.24*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*76.48*	
02 41 19 13-0084	EA	Drill 10" Diameter Core In Up To 4" Concrete	241.06	
		For Horizontal Cores, Add	*47.80*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*95.59*	
02 41 19 13-0085	EA	Drill 12" Diameter Core In Up To 4" Concrete	281.31	
		For Horizontal Cores, Add	*55.76*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*111.53*	
02 41 19 13-0086	EA	Drill 14" Diameter Core In Up To 4" Concrete	321.58	
		For Horizontal Cores, Add	*63.72*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*127.44*	
02 41 19 13-0087	EA	Drill 18" Diameter Core In Up To 4" Concrete	362.23	
		For Horizontal Cores, Add	*71.68*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*143.37*	

02 41 19 13-0088 >4" To 6" Thick Concrete Core Drilling *(02 41 19 13-0075)*

02 41 19 13-0089	EA	Drill 1" Diameter Core In >4" To 6" Concrete	65.26	
		For Horizontal Cores, Add	*12.90*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*25.80*	
02 41 19 13-0090	EA	Drill 1-1/2" Diameter Core In >4" To 6" Concrete	72.42	
		For Horizontal Cores, Add	*14.33*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*28.67*	
02 41 19 13-0091	EA	Drill 2" Diameter Core In >4" To 6" Concrete	80.39	
		For Horizontal Cores, Add	*15.93*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*31.86*	
02 41 19 13-0092	EA	Drill 3" Diameter Core In >4" To 6" Concrete	96.62	
		For Horizontal Cores, Add	*19.12*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*38.24*	
02 41 19 13-0093	EA	Drill 4" Diameter Core In >4" To 6" Concrete	120.84	
		For Horizontal Cores, Add	*23.90*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*47.79*	
02 41 19 13-0094	EA	Drill 6" Diameter Core In >4" To 6" Concrete	161.01	
		For Horizontal Cores, Add	*31.86*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*63.73*	
02 41 19 13-0095	EA	Drill 8" Diameter Core In >4" To 6" Concrete	241.29	
		For Horizontal Cores, Add	*47.80*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*95.59*	
02 41 19 13-0096	EA	Drill 10" Diameter Core In >4" To 6" Concrete	281.93	
		For Horizontal Cores, Add	*55.76*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*111.53*	
02 41 19 13-0097	EA	Drill 12" Diameter Core In >4" To 6" Concrete	322.34	
		For Horizontal Cores, Add	*63.72*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*127.44*	
02 41 19 13-0098	EA	Drill 14" Diameter Core In >4" To 6" Concrete	362.95	
		For Horizontal Cores, Add	*71.68*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*143.37*	
02 41 19 13-0099	EA	Drill 18" Diameter Core In >4" To 6" Concrete	404.14	
		For Horizontal Cores, Add	*79.65*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*159.31*	

02 41 19 13-0100 >6" To 8" Thick Concrete Core Drilling *(02 41 19 13-0075)*

02 41 19 13-0101	EA	Drill 1" Diameter Core In >6" To 8" Concrete	72.00	
		For Horizontal Cores, Add	*14.20*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*28.39*	
02 41 19 13-0102	EA	Drill 1-1/2" Diameter Core In >6" To 8" Concrete	79.89	
		For Horizontal Cores, Add	*15.77*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*31.55*	
02 41 19 13-0103	EA	Drill 2" Diameter Core In >6" To 8" Concrete	88.64	
		For Horizontal Cores, Add	*17.52*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*35.05*	
02 41 19 13-0104	EA	Drill 3" Diameter Core In >6" To 8" Concrete	104.96	
		For Horizontal Cores, Add	*20.71*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*41.42*	
02 41 19 13-0105	EA	Drill 4" Diameter Core In >6" To 8" Concrete	137.24	
		For Horizontal Cores, Add	*27.08*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*54.16*	
02 41 19 13-0106	EA	Drill 6" Diameter Core In >6" To 8" Concrete	193.46	
		For Horizontal Cores, Add	*38.24*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*76.48*	
02 41 19 13-0107	EA	Drill 8" Diameter Core In >6" To 8" Concrete	321.70	
		For Horizontal Cores, Add	*63.72*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*127.44*	
02 41 19 13-0108	EA	Drill 10" Diameter Core In >6" To 8" Concrete	362.56	
		For Horizontal Cores, Add	*71.68*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*143.37*	
02 41 19 13-0109	EA	Drill 12" Diameter Core In >6" To 8" Concrete	403.23	
		For Horizontal Cores, Add	*79.65*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*159.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 19 13-0110	EA	Drill 14" Diameter Core In >6" To 8" Concrete	444.12	
		For Horizontal Cores, Add	*87.60*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*175.21*	
02 41 19 13-0111	EA	Drill 18" Diameter Core In >6" To 8" Concrete	485.88	
		For Horizontal Cores, Add	*95.59*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*191.18*	
02 41 19 13-0112		**>8" To 10" Thick Concrete Core Drilling** *(02 41 19 13-0075)*		
02 41 19 13-0113	EA	Drill 1" Diameter Core In >8" To 10" Concrete	85.16	
		For Horizontal Cores, Add	*16.78*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*33.55*	
02 41 19 13-0114	EA	Drill 1-1/2" Diameter Core In >8" To 10" Concrete	94.48	
		For Horizontal Cores, Add	*18.64*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*37.28*	
02 41 19 13-0115	EA	Drill 2" Diameter Core In >8" To 10" Concrete	104.83	
		For Horizontal Cores, Add	*20.71*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*41.42*	
02 41 19 13-0116	EA	Drill 3" Diameter Core In >8" To 10" Concrete	121.25	
		For Horizontal Cores, Add	*23.90*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*47.79*	
02 41 19 13-0117	EA	Drill 4" Diameter Core In >8" To 10" Concrete	137.72	
		For Horizontal Cores, Add	*27.08*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*54.16*	
02 41 19 13-0118	EA	Drill 6" Diameter Core In >8" To 10" Concrete	194.03	
		For Horizontal Cores, Add	*38.24*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*76.48*	
02 41 19 13-0119	EA	Drill 8" Diameter Core In >8" To 10" Concrete	322.48	
		For Horizontal Cores, Add	*63.72*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*127.44*	
02 41 19 13-0120	EA	Drill 10" Diameter Core In >8" To 10" Concrete	363.59	
		For Horizontal Cores, Add	*71.68*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*143.37*	
02 41 19 13-0121	EA	Drill 12" Diameter Core In >8" To 10" Concrete	404.40	
		For Horizontal Cores, Add	*79.64*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*159.28*	
02 41 19 13-0122	EA	Drill 14" Diameter Core In >8" To 10" Concrete	445.68	
		For Horizontal Cores, Add	*87.60*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*175.21*	
02 41 19 13-0123	EA	Drill 18" Diameter Core In >8" To 10" Concrete	487.83	
		For Horizontal Cores, Add	*95.57*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*191.14*	
02 41 19 13-0124		**>10" To 12" Thick Concrete Core Drilling** *(02 41 19 13-0075)*		
02 41 19 13-0125	EA	Drill 1" Diameter Core In >10" To 12" Concrete	91.89	
		For Horizontal Cores, Add	*18.07*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*36.14*	
02 41 19 13-0126	EA	Drill 1-1/2" Diameter Core In >10" To 12" Concrete	101.93	
		For Horizontal Cores, Add	*20.08*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*40.15*	
02 41 19 13-0127	EA	Drill 2" Diameter Core In >10" To 12" Concrete	113.08	
		For Horizontal Cores, Add	*22.31*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*44.61*	
02 41 19 13-0128	EA	Drill 3" Diameter Core In >10" To 12" Concrete	121.62	
		For Horizontal Cores, Add	*23.90*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*47.79*	
02 41 19 13-0129	EA	Drill 4" Diameter Core In >10" To 12" Concrete	162.10	
		For Horizontal Cores, Add	*31.86*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*63.73*	
02 41 19 13-0130	EA	Drill 6" Diameter Core In >10" To 12" Concrete	210.55	
		For Horizontal Cores, Add	*41.43*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*82.85*	
02 41 19 13-0131	EA	Drill 8" Diameter Core In >10" To 12" Concrete	339.22	
		For Horizontal Cores, Add	*66.91*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*133.82*	
02 41 19 13-0132	EA	Drill 10" Diameter Core In >10" To 12" Concrete	364.62	
		For Horizontal Cores, Add	*71.68*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*143.37*	
02 41 19 13-0133	EA	Drill 12" Diameter Core In >10" To 12" Concrete	421.69	
		For Horizontal Cores, Add	*82.85*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*165.70*	
02 41 19 13-0134		**>12" Thick Concrete Core Drilling** *(02 41 19 13-0075)*		
02 41 19 13-0135	IN	Drill 1" Diameter Core In >12" Concrete	11.17	
		For Horizontal Cores, Add	*2.21*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*4.42*	
02 41 19 13-0136	IN	Drill 1-1/2" Diameter Core In >12" Concrete	12.40	
		For Horizontal Cores, Add	*2.45*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*4.91*	
02 41 19 13-0137	IN	Drill 2" Diameter Core In >12" Concrete	13.77	
		For Horizontal Cores, Add	*2.73*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*5.46*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 19 13-0138	IN	Drill 3" Diameter Core In >12" Concrete	15.11	
		For Horizontal Cores, Add	*2.99*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*5.97*	
02 41 19 13-0139	IN	Drill 4" Diameter Core In >12" Concrete	20.13	
		For Horizontal Cores, Add	*3.98*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*7.96*	
02 41 19 13-0140	IN	Drill 6" Diameter Core In >12" Concrete	26.19	
		For Horizontal Cores, Add	*5.18*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*10.36*	
02 41 19 13-0141	IN	Drill 8" Diameter Core In >12" Concrete	42.25	
		For Horizontal Cores, Add	*8.37*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*16.74*	
02 41 19 13-0142	IN	Drill 10" Diameter Core In >12" Concrete	45.51	
		For Horizontal Cores, Add	*9.00*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*18.00*	
02 41 19 13-0143	IN	Drill 12" Diameter Core In >12" Concrete	52.43	
		For Horizontal Cores, Add	*10.36*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*20.72*	

02 41 19 13-0144 Brick/Concrete Block Core Drilling *(02 41 19 13-0074)*

02 41 19 13-0145 Up To 4" Thick Brick/Concrete Block Core Drilling *(02 41 19 13-0144)*

02 41 19 13-0146	EA	Drill 1" Diameter Core In Up To 4" Brick/Concrete Block	36.63	
		For Horizontal Cores, Add	*7.23*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*14.46*	
02 41 19 13-0147	EA	Drill 1-1/2" Diameter Core In Up To 4" Brick/Concrete Block	40.63	
		For Horizontal Cores, Add	*8.03*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*16.06*	
02 41 19 13-0148	EA	Drill 2" Diameter Core In Up To 4" Brick/Concrete Block	45.10	
		For Horizontal Cores, Add	*8.92*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*17.84*	
02 41 19 13-0149	EA	Drill 3" Diameter Core In Up To 4" Brick/Concrete Block	64.39	
		For Horizontal Cores, Add	*12.75*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*25.49*	
02 41 19 13-0150	EA	Drill 4" Diameter Core In Up To 4" Brick/Concrete Block	86.27	
		For Horizontal Cores, Add	*17.08*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*34.16*	
02 41 19 13-0151	EA	Drill 6" Diameter Core In Up To 4" Brick/Concrete Block	96.70	
		For Horizontal Cores, Add	*19.12*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*38.24*	
02 41 19 13-0152	EA	Drill 8" Diameter Core In Up To 4" Brick/Concrete Block	154.47	
		For Horizontal Cores, Add	*30.59*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*61.18*	
02 41 19 13-0153	EA	Drill 10" Diameter Core In Up To 4" Brick/Concrete Block	193.26	
		For Horizontal Cores, Add	*38.24*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*76.47*	
02 41 19 13-0154	EA	Drill 12" Diameter Core In Up To 4" Brick/Concrete Block	225.54	
		For Horizontal Cores, Add	*44.61*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*89.22*	
02 41 19 13-0155	EA	Drill 14" Diameter Core In Up To 4" Brick/Concrete Block	257.85	
		For Horizontal Cores, Add	*50.98*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*101.95*	
02 41 19 13-0156	EA	Drill 18" Diameter Core In Up To 4" Brick/Concrete Block	290.54	
		For Horizontal Cores, Add	*57.35*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*114.69*	

02 41 19 13-0157 >4" To 6" Thick Brick/Concrete Block Core Drilling *(02 41 19 13-0144)*

02 41 19 13-0158	EA	Drill 1" Diameter Core In > 4" To 6" Brick/Concrete Block	52.36	
		For Horizontal Cores, Add	*10.32*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*20.64*	
02 41 19 13-0159	EA	Drill 1-1/2" Diameter Core In > 4" To 6" Brick/Concrete Block	58.09	
		For Horizontal Cores, Add	*11.47*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*22.94*	
02 41 19 13-0160	EA	Drill 2" Diameter Core In >4" To 6" Brick/Concrete Block	64.46	
		For Horizontal Cores, Add	*12.74*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*25.48*	
02 41 19 13-0161	EA	Drill 3" Diameter Core In >4" To 6" Brick/Concrete Block	77.50	
		For Horizontal Cores, Add	*15.29*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*30.59*	
02 41 19 13-0162	EA	Drill 4" Diameter Core In >4" To 6" Brick/Concrete Block	96.95	
		For Horizontal Cores, Add	*19.12*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*38.24*	
02 41 19 13-0163	EA	Drill 6" Diameter Core In >4" To 6" Brick/Concrete Block	129.14	
		For Horizontal Cores, Add	*25.49*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*50.98*	
02 41 19 13-0164	EA	Drill 8" Diameter Core In >4" To 6" Brick/Concrete Block	193.49	
		For Horizontal Cores, Add	*38.24*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*76.47*	
02 41 19 13-0165	EA	Drill 10" Diameter Core In >4" To 6" Brick/Concrete Block	226.16	
		For Horizontal Cores, Add	*44.61*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*89.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 19 13-0166	EA	Drill 12" Diameter Core In >4" To 6" Brick/Concrete Block	258.61	
		For Horizontal Cores, Add	*50.98*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*101.95*	
02 41 19 13-0167	EA	Drill 14" Diameter Core In >4" To 6" Brick/Concrete Block	291.26	
		For Horizontal Cores, Add	*57.35*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*114.69*	
02 41 19 13-0168	EA	Drill 18" Diameter Core In >4" To 6" Brick/Concrete Block	324.49	
		For Horizontal Cores, Add	*63.72*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*127.45*	

02 41 19 13-0169 >6" To 8" Thick Brick/Concrete Block Core Drilling *(02 41 19 13-0144)*

02 41 19 13-0170	EA	Drill 1" Diameter Core In > 6" To 8" Brick/Concrete Block	57.80	
		For Horizontal Cores, Add	*11.36*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*22.71*	
02 41 19 13-0171	EA	Drill 1-1/2" Diameter Core In > 6" To 8" Brick/Concrete Block	64.11	
		For Horizontal Cores, Add	*12.62*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*25.24*	
02 41 19 13-0172	EA	Drill 2" Diameter Core In >6" To 8" Brick/Concrete Block	71.12	
		For Horizontal Cores, Add	*14.02*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*28.04*	
02 41 19 13-0173	EA	Drill 3" Diameter Core In >6" To 8" Brick/Concrete Block	84.24	
		For Horizontal Cores, Add	*16.57*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*33.14*	
02 41 19 13-0174	EA	Drill 4" Diameter Core In >6" To 8" Brick/Concrete Block	110.16	
		For Horizontal Cores, Add	*21.67*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*43.33*	
02 41 19 13-0175	EA	Drill 6" Diameter Core In >6" To 8" Brick/Concrete Block	155.22	
		For Horizontal Cores, Add	*30.59*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*61.18*	
02 41 19 13-0176	EA	Drill 8" Diameter Core In >6" To 8" Brick/Concrete Block	257.97	
		For Horizontal Cores, Add	*50.98*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*101.95*	
02 41 19 13-0177	EA	Drill 10" Diameter Core In >6" To 8" Brick/Concrete Block	290.87	
		For Horizontal Cores, Add	*57.35*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*114.69*	
02 41 19 13-0178	EA	Drill 12" Diameter Core In >6" To 8" Brick/Concrete Block	323.58	
		For Horizontal Cores, Add	*63.72*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*127.45*	
02 41 19 13-0179	EA	Drill 14" Diameter Core In >6" To 8" Brick/Concrete Block	356.52	
		For Horizontal Cores, Add	*70.08*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*140.17*	
02 41 19 13-0180	EA	Drill 18" Diameter Core In >6" To 8" Brick/Concrete Block	390.29	
		For Horizontal Cores, Add	*76.47*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*152.94*	

02 41 19 13-0181 >8" To 10" Thick Brick/Concrete Block Core Drilling *(02 41 19 13-0144)*

02 41 19 13-0182	EA	Drill 1" Diameter Core In > 8" To 10" Brick/Concrete Block	68.38	
		For Horizontal Cores, Add	*13.42*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*26.84*	
02 41 19 13-0183	EA	Drill 1-1/2" Diameter Core In > 8" To 10" Brick/Concrete Block	75.83	
		For Horizontal Cores, Add	*14.91*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*29.82*	
02 41 19 13-0184	EA	Drill 2" Diameter Core In >8" To 10" Brick/Concrete Block	84.12	
		For Horizontal Cores, Add	*16.57*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*33.14*	
02 41 19 13-0185	EA	Drill 3" Diameter Core In >8" To 10" Brick/Concrete Block	97.36	
		For Horizontal Cores, Add	*19.12*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*38.24*	
02 41 19 13-0186	EA	Drill 4" Diameter Core In >8" To 10" Brick/Concrete Block	110.64	
		For Horizontal Cores, Add	*21.67*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*43.33*	
02 41 19 13-0187	EA	Drill 6" Diameter Core In >8" To 10" Brick/Concrete Block	155.79	
		For Horizontal Cores, Add	*30.59*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*61.18*	
02 41 19 13-0188	EA	Drill 8" Diameter Core In >8" To 10" Brick/Concrete Block	258.75	
		For Horizontal Cores, Add	*50.98*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*101.95*	
02 41 19 13-0189	EA	Drill 10" Diameter Core In >8" To 10" Brick/Concrete Block	291.90	
		For Horizontal Cores, Add	*57.35*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*114.69*	
02 41 19 13-0190	EA	Drill 12" Diameter Core In >8" To 10" Brick/Concrete Block	324.76	
		For Horizontal Cores, Add	*63.71*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*127.42*	
02 41 19 13-0191	EA	Drill 14" Diameter Core In >8" To 10" Brick/Concrete Block	358.08	
		For Horizontal Cores, Add	*70.08*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*140.17*	
02 41 19 13-0192	EA	Drill 18" Diameter Core In >8" To 10" Brick/Concrete Block	392.26	
		For Horizontal Cores, Add	*76.45*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*152.91*	

02 41 19 13-0193 >10" To 12" Thick Brick/Concrete Block Core Drilling *(02 41 19 13-0144)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 19 13-0194	EA	Drill 1" Diameter Core In >10" To 12" Brick/Concrete Block	73.82	
		For Horizontal Cores, Add	*14.45*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*28.91*	
02 41 19 13-0195	EA	Drill 1-1/2" Diameter Core In > 10" To 12" Brick/Concrete Block	81.85	
		For Horizontal Cores, Add	*16.06*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*32.12*	
02 41 19 13-0196	EA	Drill 2" Diameter Core In >10" To 12" Brick/Concrete Block	90.77	
		For Horizontal Cores, Add	*17.84*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*35.69*	
02 41 19 13-0197	EA	Drill 3" Diameter Core In >10" To 12" Brick/Concrete Block	97.73	
		For Horizontal Cores, Add	*19.12*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*38.24*	
02 41 19 13-0198	EA	Drill 4" Diameter Core In >10" To 12" Brick/Concrete Block	130.23	
		For Horizontal Cores, Add	*25.49*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*50.98*	
02 41 19 13-0199	EA	Drill 6" Diameter Core In >10" To 12" Brick/Concrete Block	169.12	
		For Horizontal Cores, Add	*33.14*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*66.28*	
02 41 19 13-0200	EA	Drill 8" Diameter Core In >10" To 12" Brick/Concrete Block	272.31	
		For Horizontal Cores, Add	*53.53*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*107.06*	
02 41 19 13-0201	EA	Drill 10" Diameter Core In >10" To 12" Brick/Concrete Block	292.93	
		For Horizontal Cores, Add	*57.35*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*114.69*	
02 41 19 13-0202	EA	Drill 12" Diameter Core In >10" To 12" Brick/Concrete Block	338.84	
		For Horizontal Cores, Add	*66.28*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*132.56*	

02 41 19 13-0203 >12" Thick Brick/Concrete Block Core Drilling *(02 41 19 13-0144)*

02 41 19 13-0204	IN	Drill 1" Diameter Core In >12" Brick/Concrete Block	8.97	
		For Horizontal Cores, Add	*1.77*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*3.54*	
02 41 19 13-0205	IN	Drill 1-1/2" Diameter Core In >12" Brick/Concrete Block	9.95	
		For Horizontal Cores, Add	*1.96*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*3.93*	
02 41 19 13-0206	IN	Drill 2" Diameter Core In >12" Brick/Concrete Block	11.04	
		For Horizontal Cores, Add	*2.18*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*4.36*	
02 41 19 13-0207	IN	Drill 3" Diameter Core In >12" Brick/Concrete Block	12.13	
		For Horizontal Cores, Add	*2.39*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*4.78*	
02 41 19 13-0208	IN	Drill 4" Diameter Core In >12" Brick/Concrete Block	16.16	
		For Horizontal Cores, Add	*3.19*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*6.37*	
02 41 19 13-0209	IN	Drill 6" Diameter Core In >12" Brick/Concrete Block	21.01	
		For Horizontal Cores, Add	*4.15*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*8.29*	
02 41 19 13-0210	IN	Drill 8" Diameter Core In >12" Brick/Concrete Block	33.87	
		For Horizontal Cores, Add	*6.70*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*13.39*	
02 41 19 13-0211	IN	Drill 10" Diameter Core In >12" Brick/Concrete Block	36.52	
		For Horizontal Cores, Add	*7.20*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*14.40*	
02 41 19 13-0212	IN	Drill 12" Diameter Core In >12" Brick/Concrete Block	42.07	
		For Horizontal Cores, Add	*8.29*	
		For Overhead Ceiling Cores (Where Not Accessible From Above), Add	*16.58*	

02 41 19 13-0213 Asphalt Core Drilling *(02 41 19 13-0074)*

02 41 19 13-0214 Up To 2" Thick Asphalt Core Drilling *(02 41 19 13-0213)*

02 41 19 13-0215	EA	Drill 1" Diameter Core In Up To 2" Asphalt	21.90
02 41 19 13-0216	EA	Drill 1-1/2" Diameter Core In Up To 2" Asphalt	27.39
02 41 19 13-0217	EA	Drill 2" Diameter Core In Up To 2" Asphalt	34.24
02 41 19 13-0218	EA	Drill 3" Diameter Core In Up To 2" Asphalt	42.47
02 41 19 13-0219	EA	Drill 4" Diameter Core In Up To 2" Asphalt	53.44
02 41 19 13-0220	EA	Drill 6" Diameter Core In Up To 2" Asphalt	67.15
02 41 19 13-0221	EA	Drill 8" Diameter Core In Up To 2" Asphalt	83.63
02 41 19 13-0222	EA	Drill 10" Diameter Core In Up To 2" Asphalt	104.15
02 41 19 13-0223	EA	Drill 12" Diameter Core In Up To 2" Asphalt	130.17

02 41 19 13-0224 >2" To 3" Thick Asphalt Core Drilling *(02 41 19 13-0213)*

02 41 19 13-0225	EA	Drill 1" Diameter Core In >2" To 3" Asphalt	27.38
02 41 19 13-0226	EA	Drill 1-1/2" Diameter Core In >2" To 3" Asphalt	35.59
02 41 19 13-0227	EA	Drill 2" Diameter Core In >2" To 3" Asphalt	43.81
02 41 19 13-0228	EA	Drill 3" Diameter Core In >2" To 3" Asphalt	54.78
02 41 19 13-0229	EA	Drill 4" Diameter Core In >2" To 3" Asphalt	68.48
02 41 19 13-0230	EA	Drill 6" Diameter Core In >2" To 3" Asphalt	86.28
02 41 19 13-0231	EA	Drill 8" Diameter Core In >2" To 3" Asphalt	106.89
02 41 19 13-0232	EA	Drill 10" Diameter Core In >2" To 3" Asphalt	134.23
02 41 19 13-0233	EA	Drill 12" Diameter Core In >2" To 3" Asphalt	167.09

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 19 13-0234		**>3" To 4" Thick Asphalt Core Drilling** *(02 41 19 13-0213)*		
02 41 19 13-0235	EA	Drill 1" Diameter Core In >3" To 4" Asphalt	35.60	
02 41 19 13-0236	EA	Drill 1-1/2" Diameter Core In >3" To 4" Asphalt	45.20	
02 41 19 13-0237	EA	Drill 2" Diameter Core In >3" To 4" Asphalt	56.15	
02 41 19 13-0238	EA	Drill 3" Diameter Core In >3" To 4" Asphalt	69.87	
02 41 19 13-0239	EA	Drill 4" Diameter Core In >3" To 4" Asphalt	87.70	
02 41 19 13-0240	EA	Drill 6" Diameter Core In >3" To 4" Asphalt	109.63	
02 41 19 13-0241	EA	Drill 8" Diameter Core In >3" To 4" Asphalt	137.10	
02 41 19 13-0242	EA	Drill 10" Diameter Core In >3" To 4" Asphalt	171.31	
02 41 19 13-0243	EA	Drill 12 Diameter Core In >3" To 4" Asphalt	213.75	
02 41 19 13-0244		**>4" To 6" Thick Asphalt Core Drilling** *(02 41 19 13-0213)*		
02 41 19 13-0245	EA	Drill 1" Diameter Core In >4" To 6" Asphalt	46.59	
02 41 19 13-0246	EA	Drill 1-1/2" Diameter Core In >4" To 6" Asphalt	57.57	
02 41 19 13-0247	EA	Drill 2" Diameter Core In >4" To 6" Asphalt	71.27	
02 41 19 13-0248	EA	Drill 3" Diameter Core In >4" To 6" Asphalt	90.51	
02 41 19 13-0249	EA	Drill 4" Diameter Core In >4" To 6" Asphalt	112.48	
02 41 19 13-0250	EA	Drill 6" Diameter Core In >4" To 6" Asphalt	139.91	
02 41 19 13-0251	EA	Drill 8" Diameter Core In >4" To 6" Asphalt	175.67	
02 41 19 13-0252	EA	Drill 10" Diameter Core In >4" To 6" Asphalt	219.48	
02 41 19 13-0253	EA	Drill 12" Diameter Core In >4" To 6" Asphalt	274.29	
02 41 19 13-0254		**Manhole Core Drilling** *(02 41 19 13-0074)*		
02 41 19 13-0255	EA	Drill 4" Diameter Core In 6" Brick Manhole	239.90	
02 41 19 13-0256	EA	Drill 5" Diameter Core In 6" Brick Manhole	274.15	
02 41 19 13-0257	EA	Drill 6" Diameter Core In 6" Brick Manhole	319.74	
02 41 19 13-0258	EA	Drill 8" Diameter Core In 6" Brick Manhole	479.50	
02 41 19 13-0259	EA	Drill 2" Diameter Core In 8" Concrete Manhole	321.43	
02 41 19 13-0260	EA	Drill 3" Diameter Core In 8" Concrete Manhole	342.26	
02 41 19 13-0261	EA	Drill 4" Diameter Core In 8" Concrete Manhole	376.77	
02 41 19 13-0262	EA	Drill 5" Diameter Core In 8" Concrete Manhole	404.26	
02 41 19 13-0263	EA	Drill 6" Diameter Core In 8" Concrete Manhole	479.47	
02 41 19 13-0264	EA	Drill 8" Diameter Core In 8" Concrete Manhole	684.81	
02 41 19 13-0265	EA	Drill 2" Diameter Core In Fiberglass Manhole	31.88	
02 41 19 13-0266	EA	Drill 3" Diameter Core In Fiberglass Manhole	36.81	
02 41 19 13-0267	EA	Drill 4" Diameter Core In Fiberglass Manhole	39.88	
02 41 19 13-0268	EA	Drill 5" Diameter Core In Fiberglass Manhole	43.50	
02 41 19 13-0269	EA	Drill 6" Diameter Core In Fiberglass Manhole	47.86	
02 41 19 13-0270	EA	Drill 8" Diameter Core In Fiberglass Manhole	53.17	
02 41 19 13-0271		**Drilling In Concrete Per Inch Of Depth** *(02 41 19 13-0074)* Note: Includes layout.		
02 41 19 13-0272	IN	1/4" Diameter Drilling In Concrete Per Inch Of Depth	2.54	
02 41 19 13-0273	IN	5/16" Diameter Drilling In Concrete Per Inch Of Depth	2.69	
02 41 19 13-0274	IN	3/8" Diameter Drilling In Concrete Per Inch Of Depth	2.84	
02 41 19 13-0275	IN	1/2" Diameter Drilling In Concrete Per Inch Of Depth	3.04	
02 41 19 13-0276	IN	5/8" Diameter Drilling In Concrete Per Inch Of Depth	3.23	
02 41 19 13-0277	IN	3/4" Diameter Drilling In Concrete Per Inch Of Depth	3.56	
02 41 19 13-0278	IN	7/8" Diameter Drilling In Concrete Per Inch Of Depth	3.85	
02 41 19 13-0279	IN	1" Diameter Drilling In Concrete Per Inch Of Depth	4.04	
02 41 19 13-0280	IN	1-1/8" Diameter Drilling In Concrete Per Inch Of Depth	4.77	
02 41 19 13-0281	IN	1-1/4" Diameter Drilling In Concrete Per Inch Of Depth	4.48	
02 41 19 13-0282	IN	1-3/8" Diameter Drilling In Concrete Per Inch Of Depth	4.77	
02 41 19 13-0283	IN	1-1/2" Diameter Drilling In Concrete Per Inch Of Depth	5.07	
02 41 19 13-0284	IN	1-3/4" Diameter Drilling In Concrete Per Inch Of Depth	5.61	
02 41 19 13-0285	IN	2" Diameter Drilling In Concrete Per Inch Of Depth	6.53	
02 41 19 13-0286		**Drilling In Brick/Concrete Block Per Inch Of Depth** *(02 41 19 13-0074)* Note: Includes layout.		
02 41 19 13-0287	IN	1/4" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth	2.11	
02 41 19 13-0288	IN	5/16" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth	2.24	
02 41 19 13-0289	IN	3/8" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth	2.37	
02 41 19 13-0290	IN	1/2" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth	2.54	
02 41 19 13-0291	IN	5/8" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth	2.69	
02 41 19 13-0292	IN	3/4" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth	2.97	
02 41 19 13-0293	IN	7/8" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth	3.21	
02 41 19 13-0294	IN	1" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth	3.37	
02 41 19 13-0295	IN	1-1/8" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth	3.55	
02 41 19 13-0296	IN	1-1/4" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth	3.73	
02 41 19 13-0297	IN	1-3/8" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth	3.98	
02 41 19 13-0298	IN	1-1/2" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth	4.22	
02 41 19 13-0299	IN	1-3/4" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth	4.71	
02 41 19 13-0300	IN	2" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth	5.44	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 19 13-0301		Drilling In Wood Or Plastic Per Inch Of Depth *(02 41 19 13-0074)*		
		Note: Includes layout.		
02 41 19 13-0302	IN	1/4" Diameter Drilling In Wood Or Plastic Per Inch Of Depth	1.05	
02 41 19 13-0303	IN	5/16" Diameter Drilling In Wood Or Plastic Per Inch Of Depth	1.11	
02 41 19 13-0304	IN	3/8" Diameter Drilling In Wood Or Plastic Per Inch Of Depth	1.18	
02 41 19 13-0305	IN	1/2" Diameter Drilling In Wood Or Plastic Per Inch Of Depth	1.26	
02 41 19 13-0306	IN	5/8" Diameter Drilling In Wood Or Plastic Per Inch Of Depth	1.35	
02 41 19 13-0307	IN	3/4" Diameter Drilling In Wood Or Plastic Per Inch Of Depth	1.48	
02 41 19 13-0308	IN	7/8" Diameter Drilling In Wood Or Plastic Per Inch Of Depth	1.60	
02 41 19 13-0309	IN	1" Diameter Drilling In Wood Or Plastic Per Inch Of Depth	1.68	
02 41 19 13-0310	IN	1-1/8" Diameter Drilling In Wood Or Plastic Per Inch Of Depth	1.76	
02 41 19 13-0311	IN	1-1/4" Diameter Drilling In Wood Or Plastic Per Inch Of Depth	1.86	
02 41 19 13-0312	IN	1-3/8" Diameter Drilling In Wood Or Plastic Per Inch Of Depth	1.98	
02 41 19 13-0313	IN	1-1/2" Diameter Drilling In Wood Or Plastic Per Inch Of Depth	2.10	
02 41 19 13-0314	IN	1-3/4" Diameter Drilling In Wood Or Plastic Per Inch Of Depth	2.35	
02 41 19 13-0315	IN	2" Diameter Drilling In Wood Or Plastic Per Inch Of Depth	2.71	
02 41 19 13-0316		Limestone Core Drilling *(02 41 19 13-0074)*		
02 41 19 13-0317		10" To 14" Thick Limestone Core Drilling *(02 41 19 13-0316)*		
02 41 19 13-0318	EA	Drill 1" Diameter Core In 10" To 14" Limestone	68.81	
02 41 19 13-0319	EA	Drill 1-1/2" Diameter Core In 10" To 14" Limestone	82.64	
02 41 19 13-0320	EA	Drill 2" Diameter Core In 10" To 14" Limestone	89.64	
02 41 19 13-0321	EA	Drill 3" Diameter Core In 10" To 14" Limestone	103.67	
02 41 19 13-0322	EA	Drill 4" Diameter Core In 10" To 14" Limestone	117.71	
02 41 19 13-0323	EA	Drill 6" Diameter Core In 10" To 14" Limestone	165.89	
02 41 19 13-0324	EA	Drill 8" Diameter Core In 10" To 14" Limestone	275.79	
02 41 19 13-0325		15" To 18" Thick Limestone Core Drilling *(02 41 19 13-0316)*		
02 41 19 13-0326	EA	Drill 1" Diameter Core In 15" To 18" Limestone	75.76	
02 41 19 13-0327	EA	Drill 1-1/2" Diameter Core In 15" To 18" Limestone	89.62	
02 41 19 13-0328	EA	Drill 2" Diameter Core In 15" To 18" Limestone	96.67	
02 41 19 13-0329	EA	Drill 3" Diameter Core In 15" To 18" Limestone	103.97	
02 41 19 13-0330	EA	Drill 4" Diameter Core In 15" To 18" Limestone	138.56	
02 41 19 13-0331	EA	Drill 6" Diameter Core In 15" To 18" Limestone	179.96	
02 41 19 13-0332	EA	Drill 8" Diameter Core In 15" To 18" Limestone	290.15	
02 41 19 13-0333		19" To 24" Thick Limestone Core Drilling *(02 41 19 13-0316)*		
02 41 19 13-0334	EA	Drill 1" Diameter Core In 19" To 24" Limestone	82.70	
02 41 19 13-0335	EA	Drill 1-1/2" Diameter Core In 19" To 24" Limestone	96.59	
02 41 19 13-0336	EA	Drill 2" Diameter Core In 19" To 24" Limestone	103.69	
02 41 19 13-0337	EA	Drill 3" Diameter Core In 19" To 24" Limestone	117.84	
02 41 19 13-0338	EA	Drill 4" Diameter Core In 19" To 24" Limestone	166.18	
02 41 19 13-0339	EA	Drill 6" Diameter Core In 19" To 24" Limestone	207.67	
02 41 19 13-0340	EA	Drill 8" Diameter Core In 19" To 24" Limestone	311.36	
02 41 19 13-0341		Minimum Charge For Core Drilling *(02 41 19 13-0074)*		
02 41 19 13-0342	EA	Core Drill Minimum Charge Note: For projects where the total core drilling charge is less than the minimum charge, use task "Minimum Charge For Core Drilling" exclusively. Task "Minimum Charge For Core Drilling" should not be used in conjunction with any other tasks in this section. Does not apply to sections "Drilling In Concrete Per Inch Of Depth" or "Drilling In Brick Or Block Per Inch Of Depth" or "Drilling In Wood Or Plastic Per Inch Of Depth".	925.54	
02 41 19 13-0343		Cutouts *(02 41 19 13)* Note: Includes saw cutting and removal of material. Not to be used for openings greater than 24 SF.		
02 41 19 13-0344		Reinforced Concrete Slab On Grade Cutouts *(02 41 19 13-0343)*		
02 41 19 13-0345	SF	4" Thick Reinforced Concrete Slab On Grade Cutouts, <24 SF	59.19	
02 41 19 13-0346	SF	6" Thick Reinforced Concrete Slab On Grade Cutouts, <24 SF	62.78	
02 41 19 13-0347	SF	8" Thick Reinforced Concrete Slab On Grade Cutouts, <24 SF	66.37	
02 41 19 13-0348	SF	10" Thick Reinforced Concrete Slab On Grade Cutouts, <24 SF	69.95	
02 41 19 13-0349	SF	12" Thick Reinforced Concrete Slab On Grade Cutouts, <24 SF	71.75	
02 41 19 13-0350		Reinforced Concrete Elevated Slab Cutouts *(02 41 19 13-0343)* Note: Includes cutting and removing steel decking.		
02 41 19 13-0351	SF	4" Thick Reinforced Concrete Elevated Slab Cutouts, <24 SF	72.14	
02 41 19 13-0352	SF	6" Thick Reinforced Concrete Elevated Slab Cutouts, <24 SF	76.51	
02 41 19 13-0353	SF	8" Thick Reinforced Concrete Elevated Slab Cutouts, <24 SF	80.88	
02 41 19 13-0354	SF	10" Thick Reinforced Concrete Elevated Slab Cutouts, <24 SF	85.25	
02 41 19 13-0355	SF	12" Thick Reinforced Concrete Elevated Slab Cutouts, <24 SF	87.44	
02 41 19 13-0356		Reinforced Concrete Wall Cutouts *(02 41 19 13-0343)*		
02 41 19 13-0357	SF	4" Thick Reinforced Concrete Wall Cutouts, <24 SF	73.99	
02 41 19 13-0358	SF	6" Thick Reinforced Concrete Wall Cutouts, <24 SF	78.47	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 19 13-0359	SF	8" Thick Reinforced Concrete Wall Cutouts, <24 SF	82.95	
02 41 19 13-0360	SF	10" Thick Reinforced Concrete Wall Cutouts, <24 SF	87.44	
02 41 19 13-0361	SF	12" Thick Reinforced Concrete Wall Cutouts, <24 SF	89.68	
02 41 19 13-0362		**Brick Wall Cutouts** *(02 41 19 13-0343)*		
		Note: Excludes toothing.		
02 41 19 13-0363	SF	4" Thick Brick Wall Cutouts, <24 SF	22.42	
02 41 19 13-0364	SF	6" Thick Brick Wall Cutouts, <24 SF	37.00	
02 41 19 13-0365	SF	8" Thick Brick Wall Cutouts, <24 SF	51.52	
02 41 19 13-0366	SF	10" Thick Brick Wall Cutouts, <24 SF	62.78	
02 41 19 13-0367	SF	12" Thick Brick Wall Cutouts, <24 SF	75.11	
02 41 19 13-0368	SF	16" Thick Brick Wall Cutouts, <24 SF	88.56	
02 41 19 13-0369		**Concrete Block Wall Cutouts** *(02 41 19 13-0343)*		
		Note: Excludes toothing.		
02 41 19 13-0370	SF	4" Thick Concrete Block Wall Cutouts, <24 SF	37.09	
02 41 19 13-0371	SF	6" Thick Concrete Block Wall Cutouts, <24 SF	39.27	
02 41 19 13-0372	SF	8" Thick Concrete Block Wall Cutouts, <24 SF	41.48	
02 41 19 13-0373	SF	10" Thick Concrete Block Wall Cutouts, <24 SF	43.73	
02 41 19 13-0374	SF	12" Thick Concrete Block Wall Cutouts, <24 SF	44.84	
02 41 19 13-0375	SF	16" Thick Concrete Block Wall Cutouts, <24 SF	47.08	
02 41 19 13-0376		**Limestone Cutouts** *(02 41 19 13-0343)*		
02 41 19 13-0377	SF	2" Thick Limestone Cutouts, <24 SF	62.78	
02 41 19 13-0378	SF	4" Thick Limestone Cutouts, <24 SF	76.23	
02 41 19 13-0379	SF	6" Thick Limestone Cutouts, <24 SF	80.71	
02 41 19 13-0380	SF	8" Thick Limestone Cutouts, <24 SF	85.20	
02 41 19 13-0381	SF	10" Thick Limestone Cutouts, <24 SF	89.68	
02 41 19 13-0382	SF	12" Thick Limestone Cutouts, <24 SF	94.17	
02 41 19 13-0383		**Toothing Masonry Cutouts** *(02 41 19 13-0343)*		
		Note: For use where existing masonry must be removed in a toothing pattern along horizontal and vertical mortar joints. VLF measurement includes all horizontal cutting.		
02 41 19 13-0384	VLF	Brick, Soft Old Mortar, Toothing Masonry Cutouts	22.42	
02 41 19 13-0385	VLF	Brick, Hard Mortar, Toothing Masonry Cutouts	30.27	
02 41 19 13-0386	VLF	Concrete Block, Soft Old Mortar, Toothing Masonry Cutouts	13.45	
02 41 19 13-0387	VLF	Concrete Block, Hard Mortar, Toothing Masonry Cutouts	17.93	
02 41 19 13-0388		**Minimum Charge For Cutouts** *(02 41 19 13-0343)*		
		Note: For projects where the total cutouts charge is less than the minimum charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.		
02 41 19 13-0389	EA	Cutouts Minimum Charge	448.42	
02 41 19 13-0390		**Elevated Concrete Removal** *(02 41 19 13)*		
02 41 19 13-0391	CF	Elevated Concrete Beam/Slab/Steps Removal, Reinforced	15.02	
02 41 19 16		**Selective Interior Demolition** *(02 41 19)*		
		Note: Includes break-up of material, loading into truck or dumpster and clean-up.		
02 41 19 16-0001		**Floor Removal** *(02 41 19 16)*		
02 41 19 16-0002		**Scarify Concrete** *(02 41 19 16-0001)*		
		Note: Up to 1/4" removal per pass.		
02 41 19 16-0003	SF	Scarify Concrete Floor	0.33	
02 41 19 16-0004	SF	Scarify Concrete Tread And Riser	2.79	
02 41 19 16-0005	SF	Scarify Concrete Wall	2.53	
02 41 19 16-0006		**Fireproofing Removal** *(02 41 19 16)*		
02 41 19 16-0007	SF	Removal Of Fireproofing From Concrete Or Steel	1.51	
02 41 19 16-0008		**Demolish Ceiling** *(02 41 19 16)*		
02 41 19 16-0009	SF	Demolish Drywall Ceiling	1.16	
02 41 19 16-0010	SF	Demolish Furred Plastered Ceiling	2.71	
02 41 19 16-0011	SF	Demolish Suspended Plastered Ceiling And Suspension System	2.07	
02 41 19 16-0012		**Demolish Concrete Stair** *(02 41 19 16)*		
02 41 19 16-0013	CF	Demolish Interior Reinforced Concrete Stairs	9.68	
02 41 19 16-0014	CF	Demolish Exterior Reinforced Concrete Stairs	7.91	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 19 16-0015		**Demolish Interior Partition/Wall** *(02 41 19 16)* Note: Price includes knock down, loading, clean-up.		
02 41 19 16-0016		**Demolish Masonry And Concrete Interior Partition/Walls** *(02 41 19 16-0015)* Note: Includes saw cutting, knock down, loading and clean-up.		
02 41 19 16-0017		**Demolish Concrete Block Interior Partition/Walls** *(02 41 19 16-0016)*		
02 41 19 16-0018	SF	Demolish 4" Thick Non-Reinforced Concrete Block Interior Partition/Wall		6.27
02 41 19 16-0019	SF	Demolish 6" Thick Non-Reinforced Concrete Block Interior Partition/Wall		6.70
02 41 19 16-0020	SF	Demolish 8" Thick Non-Reinforced Concrete Block Interior Partition/Wall		7.55
02 41 19 16-0021	SF	Demolish 12" Thick Non-Reinforced Concrete Block Interior Partition/Wall		9.69
02 41 19 16-0022	SF	Demolish 16" Thick Non-Reinforced Concrete Block Interior Partition/Wall		12.12
02 41 19 16-0023	SF	Demolish 4" Thick Reinforced Concrete Block Interior Partition/Wall		7.53
02 41 19 16-0024	SF	Demolish 6" Thick Reinforced Concrete Block Interior Partition/Wall		8.04
02 41 19 16-0025	SF	Demolish 8" Thick Reinforced Concrete Block Interior Partition/Wall		9.07
02 41 19 16-0026	SF	Demolish 12" Thick Reinforced Concrete Block Interior Partition/Wall		11.63
02 41 19 16-0027	SF	Demolish 16" Thick Reinforced Concrete Block Interior Partition/Wall		14.54
02 41 19 16-0028		**Demolish Brick Interior Partition/Walls** *(02 41 19 16-0016)*		
02 41 19 16-0029	SF	Demolish 4" Thick Brick Interior Partition/Wall		6.27
02 41 19 16-0030	SF	Demolish 8" Thick Brick Interior Partition/Wall		7.55
02 41 19 16-0031	SF	Demolish 12" Thick Brick Interior Partition/Wall		9.68
02 41 19 16-0032	SF	Demolish 16" Thick Brick Interior Partition/Wall		12.11
02 41 19 16-0033		**Demolish Glass Block Interior Partition/Walls** *(02 41 19 16-0016)*		
02 41 19 16-0034	SF	Demolish Glass Block Interior Partition/Walls		5.38
02 41 19 16-0035		**Demolish Concrete Interior Partition/Walls** *(02 41 19 16-0016)* See CSI section 02 41 16 13-0001 for concrete foundation demolition.		
02 41 19 16-0036	SF	Demolish 6" Thick Non-Reinforced Concrete Interior Partition/Wall		11.41
02 41 19 16-0037	SF	Demolish 8" Thick Non-Reinforced Concrete Interior Partition/Wall		14.25
02 41 19 16-0038	SF	Demolish 12" Thick Non-Reinforced Concrete Interior Partition/Wall		19.95
02 41 19 16-0039	SF	Demolish 6" Thick Reinforced Concrete Interior Partition/Wall		13.68
02 41 19 16-0040	SF	Demolish 8" Thick Reinforced Concrete Interior Partition/Wall		17.21
02 41 19 16-0041	SF	Demolish 12" Thick Reinforced Concrete Interior Partition/Wall		23.94
02 41 19 16-0042		**Demolish Terra-Cotta Block Interior Partition/Walls** *(02 41 19 16-0016)*		
02 41 19 16-0043	SF	Demolish Up To 6" Thick Terra-Cotta Block Interior Partition/Wall Finished With Plaster		2.15
02 41 19 16-0044		**Demolish Stud Framed Interior Partition/Walls** *(02 41 19 16-0015)* Note: Includes knock down, loading and clean-up. Includes demo of insulation if required.		
02 41 19 16-0045	SF	Demolish Wood Or Metal Framed Interior Partition/Wall With Drywall 1 Side		3.82
		For Heights >14' To 20', Add	*0.57*	
		For Heights >20', Add	*0.76*	
02 41 19 16-0046	SF	Demolish Wood Or Metal Framed Interior Partition/Wall With Drywall 2 Sides		4.46
		For Heights >14' To 20', Add	*0.67*	
		For Heights >20', Add	*0.89*	
02 41 19 16-0047	SF	Demolish Wood Or Metal Framed Interior Partition/Wall With Plaster And Lath 1 Side		4.89
		For Heights >14' To 20', Add	*0.73*	
		For Heights >20', Add	*0.98*	
02 41 19 16-0048	SF	Demolish Wood Or Metal Framed Interior Partition/Wall With Plaster And Lath 2 Sides		6.79
		For Heights >14' To 20', Add	*1.02*	
		For Heights >20', Add	*1.36*	
02 41 19 16-0049	SF	Demolish Plaster And Lath From 1 Side Of An Interior Partition/Wall		2.01
		For Heights >14' To 20', Add	*0.30*	
		For Heights >20', Add	*0.40*	
02 41 19 16-0050	SF	Demolish Plaster And Lath From 2 Sides Of An Interior Partition/Wall		2.40
		For Heights >14' To 20', Add	*0.36*	
		For Heights >20', Add	*0.48*	

02 42 Removal and Salvage of Construction Materials *(02 40)*

02 42 21 Salvage of Construction Materials *(02 42)*

Note: Includes placement on pallets and storage on site.

02 42 21 35 Roofing Salvage *(02 42 21)*

02 42 21 35-0001		**Clay Tile Roofing Remove And Salvage For Re-use** *(02 42 21 35)* Note: Includes removing mortar, scraping, cleaning, placement on pallets and storage on site.		
02 42 21 35-0002	SQ	Removal Of Clay Roof Tile, Salvage For Re-use		352.19

02 42 21 47 Flooring Salvage *(02 42 21)*

02 42 21 47-0001		**Flooring Remove And Salvage For Re-Use** *(02 42 21 47)* Note: Includes removing mortar, scraping, cleaning, placement on pallets and storage on site.		
02 42 21 47-0002	SF	Removal Of Brick Flooring And Salvage		3.21

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 42 21 47-0003	SF	Removal Of Ceramic/Quarry Tile Floor And Salvage	3.21	
02 42 21 47-0004	SF	Removal Of Terrazzo Flooring And Salvage	4.43	
02 42 21 47-0005	SF	Removal Of Wood Strip Flooring And Salvage	2.59	
02 42 21 47-0006	SF	Removal Of Wood Parquet Flooring And Salvage	1.37	
02 42 21 47-0007	SF	Removal Of Resilient/Linoleum Flooring And Salvage	0.98	
02 42 21 47-0008	SF	Demolish Concrete Steps, SF Of Run	25.40	

02 43 Structure Moving *(02 40)*

02 43 13 Structure Relocation *(02 43)*

Note: Includes disconnection of utilities, moving of structure, one day move (excludes travel expenses and lodging), up to 24' wide. Reset on new foundations and hook up to utilities.

02 43 13 13 Building Relocation *(02 43 13)*

02 43 13 13-0001 Move Relocatable Structures (Trailer, Mobile Facilities, etc.), Complete *(02 43 13 13)*

Note: Includes disconnect portable from foundation, separate relocatable unit and attachments as needed for transport, secure all relocatable attachments (awnings, steps, ramps, railing, etc.) for transport, transport relocatable and attachments to new location, including permits and police escort, connect to foundation per approved specifications/details, including welding and/or hurricane anchoring as needed.

02 43 13 13-0002	SF	Up To 800 SF, Move Relocatable Metal Frame Building	40.95	
02 43 13 13-0003	SF	>800 To 920 SF, Move Relocatable Metal Frame Building	38.71	
02 43 13 13-0004	SF	>920 SF, Move Relocatable Metal Frame Building	36.23	
02 43 13 13-0005	SF	Up To 800 SF, Move Relocatable Wood Frame Building	32.86	
02 43 13 13-0006	SF	>800 To 920 SF, Move Relocatable Wood Frame Building	30.72	
02 43 13 13-0007	SF	>920 SF, Move Relocatable Wood Frame Building	27.17	
02 43 13 13-0008	SF	Up To 800 SF, Move Relocatable Wood/Metal Frame Building	39.80	
02 43 13 13-0009	SF	>800 To 920 SF, Move Relocatable Wood/Metal Frame Building	36.23	
02 43 13 13-0010	SF	>920 SF, Move Relocatable Wood/Metal Frame Building	30.72	

02 50 Site Remediation *(02)*

02 58 Snow Control *(02 50)*

02 58 13 Snow Fencing *(02 58)*

02 58 13 00-0001 Snow/Sand Fence On Steel Posts *(02 58 13)*

02 58 13 00-0002	LF	Steel Fence Post, 10' On Center With 4' Wood Snow/Sand Fence	8.69	2.55

02 60 Contaminated Site Material Removal *(02)*

02 61 Removal and Disposal of Contaminated Soils *(02 60)*

02 61 13 Excavation and Handling of Contaminated Material *(02 61)*

See CSI section 31 23 16 00-0000 for excavation.

02 61 13 00-0001 Accessories For Contaminated Soil Stockpile *(02 61 13)*

See CSI section 31 25 14 23-0001 for sand bags.

02 61 13 00-0002	SF	30 Mil Liner For Contaminated Soil Storage Note: 9.93 SF of liner per 1 ton of petroleum contaminated soil.	1.67	
02 61 13 00-0003	SF	10 Mil Liner For Contaminated Soil Storage Note: 9.93 SF of liner per 1 ton of petroleum contaminated soil.	0.99	

02 65 Underground Storage Tank Removal *(02 60)*

Note: Petroleum gasoline is classified as a hazardous material; fuel oil is considered a non-hazardous material. See CSI section 01 74 19 00-0064 for hauling, 31 20 00 00-0000 for non-contaminated soil excavation, 31 23 16 00-0000 for excavation, 31 41 00 00-0000 for shoring.

02 65 00 00-0001 Monitoring, Sampling, Testing And Analysis *(02 65)*

02 65 00 00-0002 Tests, Surveys And Maintenance For Underground Storage Tank *(02 65 00 00-0001)*

02 65 00 00-0003	EA	Site Survey For AST/UST Location By Certified Tank Installer Note: Includes testing Pump output both tank and dispenser, Calibrate pump dispenser if needed, Check all sumps both tank and dispenser, check all fitting connections for leaks and check wiring connection for possible malfunction or safety hazard, check seals on caps for fill tube, check overfill performance for safety shutdown, check all hoses and pump handle, check break-away couplings, complete written report on all data found.	1,119.47	
02 65 00 00-0004	EA	Check Cathodic Protection - Impressed Current Systems And Sacrificial Anode Systems Note: By Certified Technician. Write report of findings for action if needed	196.36	
02 65 00 00-0005	EA	Check And Report On Monitor Probes Note: By Certified Technician	45.33	
02 65 00 00-0006	EA	Tank Monitoring System: Check System Per Manufacturer's Specification By Certified Technician With Written Report Note: Including pass / fail; paper feed operational paper installed etc.; and status of inspection repairs needed etc.	317.39	
02 65 00 00-0007	EA	Removal And Replacement Of Anode On Impressed System	174.02	
02 65 00 00-0008	EA	Removal And Replacement Of Power Converter On Impressed System On Underground Storage Tank	249.43	
02 65 00 00-0009	EA	Removal And Replacement Of Monitor Probes On Underground Storage Tank	352.79	
02 65 00 00-0010	EA	Ultrasonic Test On Underground Storage Tank	204.21	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 65 00 00-0011		**Tests And Sampling Labor Hours** *(02 65 00 00-0001)*		
02 65 00 00-0012	HR	Certified Tank Installer For Underground Storage Tank	113.68	
02 65 00 00-0013	HR	Certified Geologist/Environmentalist	121.12	
02 65 00 00-0014	HR	Hourly Office Work For Reports Required For EPA On Underground Storage Tank Note: Includes title searches, well survey data, site drawings, submitting preliminary work, etc. Hours not to be used in association with other tasks performed.	130.15	
02 65 00 00-0015		**Remove Tank Contents** *(02 65)*		
02 65 00 00-0016		**Transfer Liquid** *(02 65 00 00-0015)* Note: For use to transfer liquids from one tank to another.		
02 65 00 00-0017	GAL	Transfer Reusable Liquid To Different Tank Note: Per gallon of material transferred.	0.59	
02 65 00 00-0018		**Pump Contaminated Liquids And Rinse Material** *(02 65 00 00-0015)*		
02 65 00 00-0019	GAL	Removal And Disposal Of Non-Hazardous Liquid From Tank Or Triple Basin Note: Pump, haul, and dump are included in the task.	1.15	
02 65 00 00-0020		**Sludge** *(02 65 00 00-0015)* Note: Includes scraping and solidifying agent.		
02 65 00 00-0021	GAL	Removal And Disposal Of Non-Hazardous Solids Or Sludge From Tank Or Triple Basin Note: Pump, haul, and dump are included in the task.	1.41	
02 65 00 00-0022		**Purge Vapors, Open And Clean Tank** *(02 65)*		
02 65 00 00-0023		**Purge Vapors** *(02 65 00 00-0022)*		
02 65 00 00-0024	LB	Purge Tank Using Dry Ice Note: Approximately 1.5 To 3.0 LBS of dry ice per 100 Gals of tank volume.	5.30	
02 65 00 00-0025		**Tank And Piping Removal** *(02 65)* Note: Excludes excavation.		
02 65 00 00-0026		**Remove Tank** *(02 65 00 00-0025)* Note: Includes mobilization, cutting the straps, pulling the tank out of the ground, exterior cleaning, cutting the tank open, interior cleaning, cutting tank into pieces (as applicable), loading onto a truck, hauling and all applicable disposal costs. Excludes breaking up and removing concrete or asphalt, excavation, sludge or product removal from the inside of the tank, imported fill, backfill, and compaction.		
02 65 00 00-0027	EA	Removal Of 1 - 550 Gallon Underground Storage Tank	3,283.77	
02 65 00 00-0028	EA	Removal Of >550 - 1,000 Gallon Underground Storage Tank	3,612.15	
02 65 00 00-0029	EA	Removal Of >1,000 - 2,000 Gallon Underground Storage Tank	3,973.37	
02 65 00 00-0030	EA	Removal Of >2,000 - 5,000 Gallon Underground Storage Tank	4,370.70	
02 65 00 00-0031	EA	Removal Of >5,000 - 10,000 Gallon Underground Storage Tank	4,982.61	
02 65 00 00-0032	EA	Removal Of >10,000 - 20,000 Gallon Underground Storage Tank	5,681.80	
02 65 00 00-0033	EA	Removal Of >20,000 - 30,000 Gallon Underground Storage Tank	6,475.40	
02 65 00 00-0034	EA	Removal Of >30,000 - 40,000 Gallon Underground Storage Tank	7,381.95	
02 65 00 00-0035	EA	Removal Of >40,000 - 50,000 Gallon Underground Storage Tank	8,415.43	
02 65 00 00-0036		**Other Storage Tank Removals** *(02 65 00 00-0025)*		
02 65 00 00-0037	GAL	Removal Of Cement Lining	0.69	
02 65 00 00-0038	GAL	Sandblast Tank In Prep For Lining Or Welding; Remove Sand, Vacuum Walls And Seams	0.24	
02 65 00 00-0039	GAL	Install Epoxy For Interior Corrosion Protection	1.66	
02 65 00 00-0040		**Tank Closure Report** *(02 65 00 00-0025)* Note: Excludes soils tests.		
02 65 00 00-0041	EA	Prepare Tank Closure Report	3,270.86	
02 65 00 00-0042		**Temporary Tanks** *(02 65)*		
02 65 00 00-0043		**Temporary Holding Tanks** *(02 65 00 00-0042)*		
02 65 00 00-0044		**Above Ground Temporary Holding Tanks, Monthly Rental** *(02 65 00 00-0043)*		
02 65 00 00-0045	MO	550 Gallon, Stainless Steel, DOT Approved, Above Ground Temporary Holding Tanks, Monthly Rental	937.13	
02 65 00 00-0046	MO	630 Gallon, Polyethylene, DOT Approved, Above Ground Temporary Holding Tanks, Monthly Rental	937.13	
02 65 00 00-0047	MO	630 Gallon, Polyethylene, Stackable, Above Ground Temporary Holding Tanks, Monthly Rental	1,874.25	
02 65 00 00-0048	MO	4,000 Gallon, Polyethylene, Stackable, Above Ground Temporary Holding Tanks, Monthly Rental	1,405.69	
02 65 00 00-0049	MO	4,000 Gallon, Polyethylene, Trailer Mounted, Above Ground Temporary Holding Tanks, Monthly Rental	3,279.95	
02 65 00 00-0050	MO	6,000 Gallon, Polyethylene, Total Drain, Above Ground Temporary Holding Tanks, Monthly Rental	2,342.82	
02 65 00 00-0051	MO	21,000 Gallon (500 BBL), Steel, Open, Stationary, Above Ground Temporary Holding Tanks, Monthly Rental	6,068.30	
02 65 00 00-0052	MO	21,000 Gallon (500 BBL), Steel, Closed, Stationary, Above Ground Temporary Holding Tanks, Monthly Rental	7,272.33	
02 65 00 00-0053	MO	21,000 Gallon (500 BBL), Steel, Vapor Proof, Above Ground Temporary Holding Tanks, Monthly Rental	12,281.09	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

02 65 00 00-0054 **Secondary Containment Berm** *(02 65 00 00-0042)*

02 65 00 00-0055	MO	Secondary Containment Berm Monthly Rental	2,030.44	

02 80 Facility Remediation *(02)*

02 82 Asbestos Remediation *(02 80)*

See CSI section 01 56 16 00-0001 for temporary stud walls, 01 74 19 00-0064 for hauling in excess of 25 miles to transfer or disposal site, 02 89 00 00-0003 for plastic sheeting for containment construction, 02 89 00 00-0010 for decontamination chambers.

02 82 33 Removal and Disposal of Asbestos Containing Materials *(02 82)*

Note: Includes materials, equipment, mobilization, preparation, critical barriers (e.g. electrical outlets, registers, windows, etc.), signage, removal, lockdown encapsulant applied to surfaces, bagging, clean-up, vacuuming, transportation for up to 25 miles, disposal of waste at transfer facility or final destination, personnel health monitoring, negative air, documentation and other associated costs necessary for the complete abatement and disposal of the ACM in accordance with EPA, OSHA, and local regulations. Where types of ACM are listed by quantity, the quantity of the entire project, not a particular work area, is to be used in determining which task applies. For certain types of work, there is a task with a unit of measure of SET for a quantity of less than 10 LF or SF (10 LF to 20 LF for ACM pipe insulation), followed by a series of tasks for other quantities. For those tasks the contractor will be paid the first task with a unit of measure of EA, plus an additional task to arrive at the appropriate quantity for the project.

02 82 33 00-0001 **Pipe And Pipe Fittings Insulation, Asbestos Abatement And Disposal** *(02 82 33)*

02 82 33 00-0002 **Pipe Insulation, Asbestos Abatement And Disposal** *(02 82 33 00-0001)*

Note: Diameter is outer size of insulation. Treat fittings as additional linear feet of insulation.

02 82 33 00-0003 **Up To 6" Diameter Pipe Insulation, Asbestos Abatement And Disposal** *(02 82 33 00-0002)*

See CSI section 02 82 33 00-0017 for projects with less than 10 LF.

02 82 33 00-0004	SET	Up To 20 LF, Up To 6" Diameter Pipe Insulation, Asbestos Abatement And Disposal	1,260.57	
		For Work In Restricted Working Space, Add	*372.02*	
02 82 33 00-0005	LF	>20 To 250 LF, Up To 6" Diameter Pipe Insulation, Asbestos Abatement And Disposal	43.30	
		For Work In Restricted Working Space, Add	*12.68*	
02 82 33 00-0006	LF	>250 To 500 LF, Up To 6" Diameter Pipe Insulation, Asbestos Abatement And Disposal	32.72	
		For Work In Restricted Working Space, Add	*9.51*	
02 82 33 00-0007	LF	>500 To 2,500 LF, Up To 6" Diameter Pipe Insulation, Asbestos Abatement And Disposal	24.80	
		For Work In Restricted Working Space, Add	*7.13*	
02 82 33 00-0008	LF	>2,500 To 10,000 LF, Up To 6" Diameter Pipe Insulation, Asbestos Abatement And Disposal	18.85	
		For Work In Restricted Working Space, Add	*5.35*	
02 82 33 00-0009	LF	>10,000 LF, Up To 6" Diameter Pipe Insulation, Asbestos Abatement And Disposal	16.53	
		For Work In Restricted Working Space, Add	*4.65*	

02 82 33 00-0010 **>6" To 12" Diameter Pipe Insulation, Asbestos Abatement And Disposal** *(02 82 33 00-0002)*

See CSI section 02 82 33 00-0017 for projects with less than 10 LF.

02 82 33 00-0011	SET	Up To 20 LF, >6" To 12" Diameter Pipe Insulation, Asbestos Abatement And Disposal	1,281.06	
		For Work In Restricted Working Space, Add	*372.02*	
02 82 33 00-0012	LF	>20 To 250 LF, >6" To 12" Diameter Pipe Insulation, Asbestos Abatement And Disposal	50.67	
		For Work In Restricted Working Space, Add	*14.59*	
02 82 33 00-0013	LF	>250 To 500 LF, >6" To 12" Diameter Pipe Insulation, Asbestos Abatement And Disposal	38.51	
		For Work In Restricted Working Space, Add	*10.94*	
02 82 33 00-0014	LF	>500 To 2,500 LF, >6" To 12" Diameter Pipe Insulation, Asbestos Abatement And Disposal	29.39	
		For Work In Restricted Working Space, Add	*8.20*	
02 82 33 00-0015	LF	>2,500 To 10,000 LF, >6" To 12" Diameter Pipe Insulation, Asbestos Abatement And Disposal	22.55	
		For Work In Restricted Working Space, Add	*6.15*	
02 82 33 00-0016	LF	>10,000 LF, >6" To 12" Diameter Pipe Insulation, Asbestos Abatement And Disposal	19.88	
		For Work In Restricted Working Space, Add	*5.35*	

02 82 33 00-0017 **Glove Bag Method, Pipe Insulation, Asbestos Abatement And Disposal** *(02 82 33 00-0002)*

Note: Solid isolation barriers and plastic sheeting for containment construction (except on floor) are not required for glove bag projects unless required by local codes.

02 82 33 00-0018	SET	Glove Bag For First 3 LF Pipe Insulation, Asbestos Abatement And Disposal	809.01	
		For Work In Restricted Working Space, Add	*240.86*	
02 82 33 00-0019	LF	>3 To 20 LF Additional Glove Bag Work for Pipe Insulation	135.87	
		For Work In Restricted Working Space, Add	*40.15*	
02 82 33 00-0020	LF	>20 To 250 LF Additional Glove Bag Work for Pipe Insulation	54.00	
		For Work In Restricted Working Space, Add	*15.59*	
02 82 33 00-0021	LF	>250 To 500 LF Additional Glove Bag Work for Pipe Insulation	41.00	
		For Work In Restricted Working Space, Add	*11.69*	
02 82 33 00-0022	LF	>500 LF Additional Glove Bag Work for Pipe Insulation	31.26	
		For Work In Restricted Working Space, Add	*8.76*	

02 82 33 00-0023 **Thermal Insulation, Asbestos Abatement And Disposal** *(02 82 33)*

02 82 33 00-0024 **Other Thermal Insulation, Up To 3" Thickness, Asbestos Abatement And Disposal** *(02 82 33 00-0023)*

Note: e.g., duct, boiler, tank, etc.

02 82 33 00-0025	SET	Up To 25 SF, Up To 3" Thickness Thermal Insulation, Asbestos Abatement And Disposal	1,252.89	
02 82 33 00-0026	SF	>25 To 500 SF, Up To 3" Thickness Thermal Insulation, Asbestos Abatement And Disposal	42.79	
02 82 33 00-0027	SF	>500 To 2,500 SF, Up To 3" Thickness Thermal Insulation, Asbestos Abatement And Disposal	33.80	
02 82 33 00-0028	SF	>2,500 To 10,000 SF, Up To 3" Thickness Thermal Insulation, Asbestos Abatement And Disposal	25.47	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 82 33 00-0029	SF	>10,000 SF, Up To 3" Thickness Thermal Insulation, Asbestos Abatement And Disposal	19.24	

02 82 33 00-0030 Surfacing Material, Asbestos Abatement And Disposal *(02 82 33)*

02 82 33 00-0031 Fireproofing For Small Areas, Asbestos Abatement And Disposal *(02 82 33 00-0030)*

Note: For asbestos abatement for up to 1 SF sections to expose area for attachments. See CSI section 02 82 33 00-0033 for areas > 1 SF see CSI section.

02 82 33 00-0032	EA	Up To 1 SF, Fireproofing For Small Areas, Asbestos Abatement And Disposal Note: For asbestos abatement for up to 1 SF sections to expose steel area for welding attachments.	207.19	

02 82 33 00-0033 Fireproofing, Asbestos Abatement And Disposal *(02 82 33 00-0030)*

Note: Exposed surface area, includes associated overspray.

02 82 33 00-0034	SET	Up To 25 SF, Fireproofing, Asbestos Abatement And Disposal	1,252.89	
02 82 33 00-0035	SF	>25 To 500 SF, Fireproofing, Asbestos Abatement And Disposal	51.22	
02 82 33 00-0036	SF	>500 To 2,500 SF, Fireproofing, Asbestos Abatement And Disposal	38.54	
02 82 33 00-0037	SF	>2,500 To 10,000 SF, Fireproofing, Asbestos Abatement And Disposal	29.03	
02 82 33 00-0038	SF	>10,000 SF, Fireproofing, Asbestos Abatement And Disposal	21.90	

02 82 33 00-0039 Acoustical Plaster, Asbestos Abatement And Disposal *(02 82 33 00-0030)*

Note: Remove surface coat from brown coat or remove entire assembly, including lathe and finish materials.

02 82 33 00-0040	SET	Up To 25 SF, Acoustical Plaster, Asbestos Abatement And Disposal	1,248.62	
02 82 33 00-0041	SF	>25 To 500 SF, Acoustical Plaster, Asbestos Abatement And Disposal	21.53	
02 82 33 00-0042	SF	>500 To 2,500 SF, Acoustical Plaster, Asbestos Abatement And Disposal	16.36	
02 82 33 00-0043	SF	>2,500 To 10,000 SF, Acoustical Plaster, Asbestos Abatement And Disposal	12.22	
02 82 33 00-0044	SF	>10,000 SF, Acoustical Plaster, Asbestos Abatement And Disposal	9.12	

02 82 33 00-0045 Gypsum Wall Board, Asbestos Abatement And Disposal *(02 82 33 00-0030)*

02 82 33 00-0046	SET	Up To 50 SF, Single Layer Gypsum Wall Board, Asbestos Abatement And Disposal	1,257.16	
		For Additional Layer, Add	*341.02*	
02 82 33 00-0047	SF	>50 To 500 SF, Single Layer Gypsum Wall Board, Asbestos Abatement And Disposal	16.62	
		For Additional Layer, Add	*4.48*	
02 82 33 00-0048	SF	>500 To 2,500 SF, Single Layer Gypsum Wall Board, Asbestos Abatement And Disposal	12.22	
		For Additional Layer, Add	*3.27*	
02 82 33 00-0049	SF	>2,500 To 10,000 SF, Single Layer Gypsum Wall Board, Asbestos Abatement And Disposal	9.64	
		For Additional Layer, Add	*2.56*	
02 82 33 00-0050	SF	>10,000 To 50,000 SF, Single Layer Gypsum Wall Board, Asbestos Abatement And Disposal	7.58	
		For Additional Layer, Add	*1.99*	
02 82 33 00-0051	SF	>50,000 To 100,000 SF, Single Layer Gypsum Wall Board, Asbestos Abatement And Disposal	6.03	
		For Additional Layer, Add	*1.56*	
02 82 33 00-0052	SF	>100,000 SF, Single Layer Gypsum Wall Board, Asbestos Abatement And Disposal	4.89	
		For Additional Layer, Add	*1.25*	

02 82 33 00-0053 Gypsum Wall Board (Or Backer Board) With Ceramic Tile And Mastic, Asbestos Abatement And Disposal *(02 82 33 00-0030)*

02 82 33 00-0054	SET	Up To 25 SF, Gypsum Wall Board (Or Backer Board) With Ceramic Tile And Mastic, Asbestos Abatement And Disposal	1,248.62	
02 82 33 00-0055	SF	>25 To 500 SF, Gypsum Wall Board (Or Backer Board) With Ceramic Tile And Mastic, Asbestos Abatement And Disposal	31.24	
02 82 33 00-0056	SF	>500 To 2,500 SF, Gypsum Wall Board (Or Backer Board) With Ceramic Tile And Mastic, Asbestos Abatement And Disposal	22.97	
02 82 33 00-0057	SF	>2,500 To 10,000 SF, Gypsum Wall Board (Or Backer Board) With Ceramic Tile And Mastic, Asbestos Abatement And Disposal	18.02	
02 82 33 00-0058	SF	>10,000 To 50,000 SF, Gypsum Wall Board (Or Backer Board) With Ceramic Tile And Mastic, Asbestos Abatement And Disposal	14.08	
02 82 33 00-0059	SF	>50,000 SF, Gypsum Wall Board (Or Backer Board) With Ceramic Tile And Mastic, Asbestos Abatement And Disposal	10.15	

02 82 33 00-0060 Stucco, Asbestos Abatement And Disposal *(02 82 33 00-0030)*

02 82 33 00-0061	SET	Up To 50 SF, Stucco, Asbestos Abatement And Disposal	1,257.16	
02 82 33 00-0062	SF	>50 To 500 SF, Stucco, Asbestos Abatement And Disposal	27.30	
02 82 33 00-0063	SF	>500 To 2,500 SF, Stucco, Asbestos Abatement And Disposal	20.53	
02 82 33 00-0064	SF	>2,500 To 10,000 SF, Stucco, Asbestos Abatement And Disposal	15.51	
02 82 33 00-0065	SF	>10,000 SF, Stucco, Asbestos Abatement And Disposal	11.70	

02 82 33 00-0066 Spray On Acoustical Ceiling, Asbestos Abatement And Disposal *(02 82 33 00-0030)*

02 82 33 00-0067	SET	Up To 50 SF, Spray On Acoustical Ceiling, Asbestos Abatement And Disposal	1,257.16	
02 82 33 00-0068	SF	>50 To 500 SF, Spray On Acoustical Ceiling, Asbestos Abatement And Disposal	14.12	
02 82 33 00-0069	SF	>500 To 2,500 SF, Spray On Acoustical Ceiling, Asbestos Abatement And Disposal	11.01	
02 82 33 00-0070	SF	>2,500 To 10,000 SF, Spray On Acoustical Ceiling, Asbestos Abatement And Disposal	8.10	
02 82 33 00-0071	SF	>10,000 SF, Spray On Acoustical Ceiling, Asbestos Abatement And Disposal	6.14	

02 82 33 00-0072 Plywood, Asbestos Abatement And Disposal *(02 82 33 00-0030)*

02 82 33 00-0073	SET	Up To 40 SF, Plywood, Asbestos Abatement And Disposal	1,253.74	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 82 33 00-0074	SF	>50 To 500 SF, Plywood, Asbestos Abatement And Disposal	17.91	
02 82 33 00-0075	SF	>500 To 2,500 SF, Plywood, Asbestos Abatement And Disposal	8.80	
02 82 33 00-0076	SF	>2,500 To 10,000 SF, Plywood, Asbestos Abatement And Disposal	6.05	
02 82 33 00-0077	SF	>10,000 SF, Plywood, Asbestos Abatement And Disposal	5.20	

02 82 33 00-0078 Flooring Material, Asbestos Abatement And Disposal *(02 82 33)*

02 82 33 00-0079 Floor Tile, Linoleum, Carpet Or Base, Asbestos Abatement And Disposal *(02 82 33 00-0078)*

02 82 33 00-0080 Floor Tile, Asbestos Abatement And Disposal *(02 82 33 00-0079)*

Note: Single layer or first of multiple layers. Excludes mastic.

02 82 33 00-0081	SET	Up To 100 SF, Single Layer Or First Of Multiple Layers, Floor Tile, Asbestos Abatement And Disposal	1,243.50	
		For Each Additional Layer, Add	*0.50*	
02 82 33 00-0082	SF	>100 To 500 SF, Single Layer Or First Of Multiple Layers, Floor Tile, Asbestos Abatement And Disposal	8.80	
		For Each Additional Layer, Add	*0.50*	
02 82 33 00-0083	SF	>500 To 2,500 SF, Single Layer Or First Of Multiple Layers, Floor Tile, Asbestos Abatement And Disposal	7.21	
		For Each Additional Layer, Add	*0.50*	
02 82 33 00-0084	SF	>2,500 To 10,000 SF, Single Layer Or First Of Multiple Layers, Floor Tile, Asbestos Abatement And Disposal	5.76	
		For Each Additional Layer, Add	*0.50*	
02 82 33 00-0085	SF	>10,000 SF, Single Layer Or First Of Multiple Layers, Floor Tile, Asbestos Abatement And Disposal	4.01	
		For Each Additional Layer, Add	*0.50*	

02 82 33 00-0086 Linoleum Or Vinyl Sheet, Asbestos Abatement And Disposal *(02 82 33 00-0079)*

Note: Single layer or first of multiple layers. Excludes mastic.

02 82 33 00-0087	SET	Up To 100 SF, Single Layer Or Multiple Layers, Linoleum Or Vinyl Sheet, Asbestos Abatement And Disposal	1,243.50	
		For Each Additional Layer, Add	*0.50*	
02 82 33 00-0088	SF	>100 To 500 SF, Single Layer Or Multiple Layers, Linoleum Or Vinyl Sheet, Asbestos Abatement And Disposal	8.80	
		For Each Additional Layer, Add	*0.50*	
02 82 33 00-0089	SF	>500 To 2,500 SF, Single Layer Or Multiple Layers, Linoleum Or Vinyl Sheet, Asbestos Abatement And Disposal	7.24	
		For Each Additional Layer, Add	*0.50*	
02 82 33 00-0090	SF	>2,500 To 10,000 SF, Single Layer Or Multiple Layers, Linoleum Or Vinyl Sheet, Asbestos Abatement And Disposal	6.58	
		For Each Additional Layer, Add	*0.50*	
02 82 33 00-0091	SF	>10,000 SF, Single Layer Or Multiple Layers, Linoleum Or Vinyl Sheet, Asbestos Abatement And Disposal	5.33	
		For Each Additional Layer, Add	*0.50*	

02 82 33 00-0092 Carpet, Asbestos Abatement And Disposal *(02 82 33 00-0079)*

02 82 33 00-0093	SET	Up To 100 SF, Carpet With Non-Friable Asbestos Mastic, Asbestos Abatement And Disposal	1,243.50	
02 82 33 00-0094	SF	>100 To 500 SF, Carpet With Non-Friable Asbestos Mastic, Asbestos Abatement And Disposal	6.93	
02 82 33 00-0095	SF	>500 To 2,500 SF, Carpet With Non-Friable Asbestos Mastic, Asbestos Abatement And Disposal	5.62	
02 82 33 00-0096	SF	>2,500 To 10,000 SF, Carpet With Non-Friable Asbestos Mastic, Asbestos Abatement And Disposal	4.13	
02 82 33 00-0097	SF	>10,000 SF, Carpet With Non-Friable Asbestos Mastic, Asbestos Abatement And Disposal	3.15	

02 82 33 00-0098 Wall Or Cove Base, Asbestos Abatement And Disposal *(02 82 33 00-0079)*

Note: Up to 12".

02 82 33 00-0099	SET	Up To 25 LF, Wall Base And Mastic, Asbestos Abatement And Disposal	417.63	
02 82 33 00-0100	LF	>25 To 100 LF, Wall Base And Mastic, Asbestos Abatement And Disposal	5.68	
02 82 33 00-0101	LF	>100 To 500 LF, Wall Base And Mastic, Asbestos Abatement And Disposal	3.48	
02 82 33 00-0102	LF	>500 To 2,500 LF, Wall Base And Mastic, Asbestos Abatement And Disposal	2.24	
02 82 33 00-0103	LF	>2,500 LF, Wall Base And Mastic, Asbestos Abatement And Disposal	1.62	

02 82 33 00-0104 Mastic, Asbestos Abatement And Disposal *(02 82 33 00-0078)*

Note: Applies to single layer or bottom layer only of multiple layers. Non-hydrocarbon with pine, citrus or no odor.

02 82 33 00-0105	SET	Up To 100 SF, Mastic, Asbestos Abatement And Disposal Note: Applies to bottom layer only if multiple layers.	1,248.62	
02 82 33 00-0106	SF	>100 To 500 SF, Mastic, Asbestos Abatement And Disposal Note: Applies to bottom layer only if multiple layers.	3.18	
02 82 33 00-0107	SF	>500 To 2,500 SF, Mastic, Asbestos Abatement And Disposal Note: Applies to bottom layer only if multiple layers.	2.36	
02 82 33 00-0108	SF	>2,500 To 10,000 SF, Mastic, Asbestos Abatement And Disposal Note: Applies to bottom layer only if multiple layers.	1.84	
02 82 33 00-0109	SF	>10,000 SF, Mastic, Asbestos Abatement And Disposal Note: Applies to bottom layer only if multiple layers.	1.48	

02 82 33 00-0110 Hardwood Flooring System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal *(02 82 33 00-0078)*

Note: Includes finish wood, asbestos barrier paper, cleanup of sub-wood floor, fasteners, wood fillers and protection of clean crawl space from contamination.

02 82 33 00-0111	SET	Up To 100 SF, Hardwood Flooring System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal	1,274.24	
02 82 33 00-0112	SF	>100 To 500 SF, Hardwood Flooring System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal	10.10	
02 82 33 00-0113	SF	>500 To 2,500 SF, Hardwood Flooring System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal	7.47	
02 82 33 00-0114	SF	>2,500 To 10,000 SF, Hardwood Flooring System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal	5.92	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 82 33 00-0115	SF	>10,000 SF, Hardwood Flooring System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal	4.68	
02 82 33 00-0116		**Mastic Contaminated Wood Sub-Flooring, Asbestos Abatement And Disposal** *(02 82 33 00-0078)*		
		Note: Includes removal of all anchors.		
02 82 33 00-0117	SF	Mastic-Contaminated Wood Sub-Flooring, Asbestos Abatement And Disposal	4.55	
		Note: Includes removal of all anchors.		
02 82 33 00-0118		**Cementitious Underlayment For Flooring, Asbestos Abatement And Disposal** *(02 82 33 00-0078)*		
02 82 33 00-0119	SET	Up To 100 SF, Cementitious Underlayment For Flooring, Asbestos Abatement And Disposal	1,257.15	
02 82 33 00-0120	SF	>100 To 500 SF, Cementitious Underlayment For Flooring, Asbestos Abatement And Disposal	11.23	
02 82 33 00-0121	SF	>500 To 2,500 SF, Cementitious Underlayment For Flooring, Asbestos Abatement And Disposal	7.41	
		Note: Includes detachment of mounted objects before removal.		
02 82 33 00-0122	SF	>2,500 To 10,000 SF, Cementitious Underlayment For Flooring, Asbestos Abatement And Disposal	5.86	
02 82 33 00-0123	SF	>10,000 SF, Cementitious Underlayment For Flooring, Asbestos Abatement And Disposal	4.82	
02 82 33 00-0124		**Roofing, Asbestos Abatement And Disposal** *(02 82 33)*		
02 82 33 00-0125		**Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal** *(02 82 33 00-0124)*		
		Note: Includes roofing, flashing, sheet metal, insulation, pitch pockets, board etc.		
02 82 33 00-0126		**Up To 2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal** *(02 82 33 00-0125)*		
02 82 33 00-0127	SET	Up To 125 SF, Up To 2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	1,282.78	
02 82 33 00-0128	SF	>125 To 1,000 SF, Up To 2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	8.27	
02 82 33 00-0129	SF	>1,000 To 5,000 SF, Up To 2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	6.68	
02 82 33 00-0130	SF	>5,000 To 10,000 SF, Up To 2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	5.41	
02 82 33 00-0131	SF	>10,000 To 20,000 SF, Up To 2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	4.14	
02 82 33 00-0132	SF	>20,000 SF, Up To 2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	3.19	
02 82 33 00-0133		**>2" To 5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal** *(02 82 33 00-0125)*		
02 82 33 00-0134	SET	Up To 110 SF, >2" To 5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	1,315.21	
02 82 33 00-0135	SF	>110 To 1,000 SF, >2" To 5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	9.71	
02 82 33 00-0136	SF	>1,000 To 5,000 SF, >2" To 5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	7.87	
02 82 33 00-0137	SF	>5,000 To 10,000 SF, >2" To 5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	6.47	
02 82 33 00-0138	SF	>10,000 To 20,000 SF, >2" To 5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	5.02	
02 82 33 00-0139	SF	>20,000 SF, >2" To 5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	3.93	
02 82 33 00-0140		**>5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal** *(02 82 33 00-0125)*		
02 82 33 00-0141	SET	Up To 110 SF, >5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	1,352.78	
02 82 33 00-0142	SF	>110 To 1,000 SF, >5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	11.05	
02 82 33 00-0143	SF	>1,000 To 5,000 SF, >5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	9.01	
02 82 33 00-0144	SF	>5,000 To 10,000 SF, >5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	7.46	
02 82 33 00-0145	SF	>10,000 To 20,000 SF, >5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	5.85	
02 82 33 00-0146	SF	>20,000 SF, >5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal	4.63	
02 82 33 00-0147		**Shingles And Felt Roofing, Asbestos Abatement And Disposal** *(02 82 33 00-0124)*		
02 82 33 00-0148		**Shingles And Felt Roofing, Asbestos Abatement And Disposal** *(02 82 33 00-0147)*		
02 82 33 00-0149	SET	Up To 125 SF, Shingles And Felt Roofing, Asbestos Abatement And Disposal	1,250.75	
		Note: Single or first of multiple layers.		
02 82 33 00-0150	SF	>125 To 1,000 SF, Shingles And Felt Roofing, Asbestos Abatement And Disposal	8.02	
		Note: Single or first of multiple layers.		
		For Each Additional Layer, Add	*0.25*	
02 82 33 00-0151	SF	>1,000 To 5,000 SF, Shingles And Felt Roofing, Asbestos Abatement And Disposal	6.43	
		Note: Single or first of multiple layers.		
		For Each Additional Layer, Add	*0.25*	
02 82 33 00-0152	SF	>5,000 To 10,000 SF, Shingles And Felt Roofing, Asbestos Abatement And Disposal	5.16	
		Note: Single or first of multiple layers.		
		For Each Additional Layer, Add	*0.25*	
02 82 33 00-0153	SF	>10,000 To 20,000 SF, Shingles And Felt Roofing, Asbestos Abatement And Disposal	3.89	
		Note: Single or first of multiple layers.		
		For Each Additional Layer, Add	*0.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 82 33 00-0154	SF	>20,000 SF, Shingles And Felt Roofing, Asbestos Abatement And Disposal Note: Single or first of multiple layers.	2.94	
		For Each Additional Layer, Add	*0.25*	

02 82 33 00-0155 Roof Penetration Mastic, Asbestos Abatement And Disposal *(02 82 33 00-0124)*

02 82 33 00-0156	SET	Up To 10 SF, Roof Penetration Mastic, Asbestos Abatement And Disposal	414.21	
02 82 33 00-0157	SF	>10 To 50 SF, Roof Penetration Mastic, Asbestos Abatement And Disposal	3.19	
02 82 33 00-0158	SF	>50 To 100 SF, Roof Penetration Mastic, Asbestos Abatement And Disposal	2.64	
02 82 33 00-0159	SF	>100 To 250 SF, Roof Penetration Mastic, Asbestos Abatement And Disposal	2.14	
02 82 33 00-0160	SF	>250 SF, Roof Penetration Mastic, Asbestos Abatement And Disposal	1.58	

02 82 33 00-0161 Roof Curb Mastic, Asbestos Abatement And Disposal *(02 82 33 00-0124)*

02 82 33 00-0162	SET	Up To 10 LF, Roof Curb Mastic, Asbestos Abatement And Disposal	414.21	
02 82 33 00-0163	LF	>10 To 20 LF, Roof Curb Mastic, Asbestos Abatement And Disposal	9.39	
02 82 33 00-0164	LF	>20 To 50 LF, Roof Curb Mastic, Asbestos Abatement And Disposal	7.53	
02 82 33 00-0165	LF	>50 To 150 LF, Roof Curb Mastic, Asbestos Abatement And Disposal	6.29	
02 82 33 00-0166	LF	>150 LF, Roof Curb Mastic, Asbestos Abatement And Disposal	4.56	

02 82 33 00-0167 Asbestos-Cement Products, Asbestos Abatement And Disposal *(02 82 33)*

02 82 33 00-0168 Interior Asbestos-Cement Board, Asbestos Abatement And Disposal *(02 82 33 00-0167)*

Note: Includes detachment of mounted objects before removal.

02 82 33 00-0169	SET	Up To 100 SF, Interior Asbestos-Cement Board, Asbestos Abatement And Disposal Note: Includes detachment of mounted objects before removal.	1,257.15	
02 82 33 00-0170	SF	>100 To 500 SF, Interior Asbestos-Cement Board, Asbestos Abatement And Disposal Note: Includes detachment of mounted objects before removal.	8.63	
02 82 33 00-0171	SF	>500 To 2,500 SF, Interior Asbestos-Cement Board, Asbestos Abatement And Disposal Note: Includes detachment of mounted objects before removal.	4.39	
02 82 33 00-0172	SF	>2,500 To 10,000 SF, Interior Asbestos-Cement Board, Asbestos Abatement And Disposal Note: Includes detachment of mounted objects before removal.	3.54	
02 82 33 00-0173	SF	>10,000 SF, Interior Asbestos-Cement Board, Asbestos Abatement And Disposal Note: Includes detachment of mounted objects before removal.	3.11	

02 82 33 00-0174 Exterior Asbestos-Cement Board, Asbestos Abatement And Disposal *(02 82 33 00-0167)*

02 82 33 00-0175	SET	Up To 100 SF, Exterior Asbestos-Cement Board, Asbestos Abatement And Disposal	1,257.15	
02 82 33 00-0176	SF	>100 To 500 SF, Exterior Asbestos-Cement Board, Asbestos Abatement And Disposal	7.51	
02 82 33 00-0177	SF	>500 To 2,500 SF, Exterior Asbestos-Cement Board, Asbestos Abatement And Disposal	3.93	
02 82 33 00-0178	SF	>2,500 To 10,000 SF, Exterior Asbestos-Cement Board, Asbestos Abatement And Disposal	3.17	
02 82 33 00-0179	SF	>10,000 SF, Exterior Asbestos-Cement Board, Asbestos Abatement And Disposal	2.78	

02 82 33 00-0180 Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal *(02 82 33 00-0167)*

02 82 33 00-0181	SET	Up To 10 LF, Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal	1,053.89	
02 82 33 00-0182	LF	>10 To 100 LF, Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal	44.33	
02 82 33 00-0183	LF	>100 To 250 LF, Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal	33.75	
02 82 33 00-0184	LF	>250 To 500 LF, Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal	25.83	
02 82 33 00-0185	LF	>500 To 2,500 LF, Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal	19.88	
02 82 33 00-0186	LF	>2,500 To 10,000 LF, Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal	15.43	
02 82 33 00-0187	LF	>10,000 LF, Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal	15.11	

02 82 33 00-0188 Exterior Transite Siding, Asbestos Abatement And Disposal *(02 82 33 00-0167)*

02 82 33 00-0189	SET	Up To 125 SF, Exterior Transite Siding, Asbestos Abatement And Disposal Note: Single or first of multiple layers.	1,269.02	
02 82 33 00-0190	SF	>125 To 1,000 SF, Exterior Transite Siding, Asbestos Abatement And Disposal Note: Single or first of multiple layers.	6.78	
02 82 33 00-0191	SF	>1,000 To 5,000 SF, Exterior Transite Siding, Asbestos Abatement And Disposal Note: Single or first of multiple layers.	5.45	
02 82 33 00-0192	SF	>5,000 To 10,000 SF, Exterior Transite Siding, Asbestos Abatement And Disposal Note: Single or first of multiple layers.	4.39	
02 82 33 00-0193	SF	>10,000 To 20,000 SF, Exterior Transite Siding, Asbestos Abatement And Disposal Note: Single or first of multiple layers.	3.34	
02 82 33 00-0194	SF	>20,000 SF, Exterior Transite Siding, Asbestos Abatement And Disposal Note: Single or first of multiple layers.	2.55	

02 82 33 00-0195 Asbestos Contaminated Debris, Asbestos Abatement And Disposal *(02 82 33)*

02 82 33 00-0196 Asbestos Contaminated Dust And Minor Debris Collection In All Areas, Asbestos Abatement And Disposal *(02 82 33 00-0195)*

Note: For non-attic/crawl space surface cleaning including walls, floors, equipment, and furniture.

02 82 33 00-0197	SET	Up To 10 SF, Asbestos Contaminated Dust And Minor Debris Collection In All Areas, Asbestos Abatement And Disposal	621.75	
02 82 33 00-0198	SF	>10 To 100 SF, Asbestos Contaminated Dust And Minor Debris Collection In All Areas, Asbestos Abatement And Disposal	1.19	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 82 33 00-0199	SF	>100 To 500 SF, Asbestos Contaminated Dust And Minor Debris Collection In All Areas, Asbestos Abatement And Disposal	0.79	
02 82 33 00-0200	SF	>500 To 1,000 SF, Asbestos Contaminated Dust And Minor Debris Collection In All Areas, Asbestos Abatement And Disposal	0.65	
02 82 33 00-0201	SF	>1,000 SF, Asbestos Contaminated Dust And Minor Debris Collection In All Areas, Asbestos Abatement And Disposal	0.57	

02 82 33 00-0202 Asbestos Contaminated Bulk Debris And Dust Collection In Attic And Crawl Spaces, Asbestos Abatement And Disposal *(02 82 33 00-0195)*

02 82 33 00-0203	SET	Up To 10 SF, Up To 4" Thick, Asbestos Contaminated Bulk Debris And Dust Collection In Attic And Crawl Spaces, Asbestos Abatement And Disposal	833.54	
02 82 33 00-0204	SF	>10 To 100 SF, Up To 4" Thick, Asbestos Contaminated Bulk Debris And Dust Collection In Attic And Crawl Spaces, Asbestos Abatement And Disposal	21.35	
		For Batt Insulation Removal, Add	*2.00*	
		For Encapsulated Soil, Add	*1.00*	
		For Work In Restricted Working Space, Add	*1.00*	
02 82 33 00-0205	SF	>100 To 250 SF, Up To 4" Thick, Asbestos Contaminated Bulk Debris And Dust Collection In Attic And Crawl Spaces, Asbestos Abatement And Disposal	14.63	
		For Batt Insulation Removal, Add	*2.00*	
		For Encapsulated Soil, Add	*1.00*	
		For Work In Restricted Working Space, Add	*1.00*	
02 82 33 00-0206	SF	>250 To 500 SF, Up To 4" Thick, Asbestos Contaminated Bulk Debris And Dust Collection In Attic And Crawl Spaces, Asbestos Abatement And Disposal	11.01	
		For Batt Insulation Removal, Add	*2.00*	
		For Encapsulated Soil, Add	*1.00*	
		For Work In Restricted Working Space, Add	*1.00*	
02 82 33 00-0207	SF	>500 To 2,500 SF, Up To 4" Thick, Asbestos Contaminated Bulk Debris And Dust Collection In Attic And Crawl Spaces, Asbestos Abatement And Disposal	8.95	
		For Batt Insulation Removal, Add	*2.00*	
		For Encapsulated Soil, Add	*1.00*	
		For Work In Restricted Working Space, Add	*1.00*	
02 82 33 00-0208	SF	>2,500 To 10,000 SF, Up To 4" Thick, Asbestos Contaminated Bulk Debris And Dust Collection In Attic And Crawl Spaces, Asbestos Abatement And Disposal	7.92	
		For Batt Insulation Removal, Add	*2.00*	
		For Encapsulated Soil, Add	*1.00*	
		For Work In Restricted Working Space, Add	*1.00*	
02 82 33 00-0209	SF	>10,000 SF, Up To 4" Thick, Asbestos Contaminated Bulk Debris And Dust Collection In Attic And Crawl Spaces, Asbestos Abatement And Disposal	6.88	
		For Batt Insulation Removal, Add	*2.00*	
		For Encapsulated Soil, Add	*1.00*	
		For Work In Restricted Working Space, Add	*1.00*	
02 82 33 00-0210	SET	Up To 10 SF, >4" To 7" Thick, Asbestos Contaminated Bulk Debris And Dust Collection In Attic And Crawl Spaces, Asbestos Abatement And Disposal	1,045.35	
02 82 33 00-0211	SF	>10 To 100 SF, >4" To 7" Thick, Asbestos Contaminated Bulk Debris And Dust Collection In Attic And Crawl Spaces, Asbestos Abatement And Disposal	42.28	
		For Batt Insulation Removal, Add	*2.00*	
		For Encapsulated Soil, Add	*1.00*	
		For Work In Restricted Working Space, Add	*1.00*	
02 82 33 00-0212	SF	>100 To 250 SF, >4" To 7" Thick, Asbestos Contaminated Bulk Debris And Dust Collection In Attic And Crawl Spaces, Asbestos Abatement And Disposal	28.60	
		For Batt Insulation Removal, Add	*2.00*	
		For Encapsulated Soil, Add	*1.00*	
		For Work In Restricted Working Space, Add	*1.00*	
02 82 33 00-0213	SF	>250 To 500 SF, >4" To 7" Thick, Asbestos Contaminated Bulk Debris And Dust Collection In Attic And Crawl Spaces, Asbestos Abatement And Disposal	21.78	
		For Batt Insulation Removal, Add	*2.00*	
		For Encapsulated Soil, Add	*1.00*	
		For Work In Restricted Working Space, Add	*1.00*	
02 82 33 00-0214	SF	>500 To 2,500 SF, >4" To 7" Thick, Asbestos Contaminated Bulk Debris And Dust Collection In Attic And Crawl Spaces, Asbestos Abatement And Disposal	17.64	
		For Batt Insulation Removal, Add	*2.00*	
		For Encapsulated Soil, Add	*1.00*	
		For Work In Restricted Working Space, Add	*1.00*	
02 82 33 00-0215	SF	>2,500 To 10,000 SF, >4" To 7" Thick, Asbestos Contaminated Bulk Debris And Dust Collection In Attic And Crawl Spaces, Asbestos Abatement And Disposal	15.17	
		For Batt Insulation Removal, Add	*2.00*	
		For Encapsulated Soil, Add	*1.00*	
		For Work In Restricted Working Space, Add	*1.00*	
02 82 33 00-0216	SF	>10,000 SF, >4" To 7" Thick, Asbestos Contaminated Bulk Debris And Dust Collection In Attic And Crawl Spaces, Asbestos Abatement And Disposal	13.77	
		For Batt Insulation Removal, Add	*2.00*	
		For Encapsulated Soil, Add	*1.00*	
		For Work In Restricted Working Space, Add	*1.00*	
02 82 33 00-0217	SET	Up To 10 SF, >7" To 12" Thick, Asbestos Contaminated Bulk Debris And Dust Collection In Attic And Crawl Spaces, Asbestos Abatement And Disposal	1,260.57	
02 82 33 00-0218	SF	>10 To 100 SF, >7" To 12" Thick, Asbestos Contaminated Bulk Debris And Dust Collection In Attic And Crawl Spaces, Asbestos Abatement And Disposal	84.25	
		For Batt Insulation Removal, Add	*2.00*	
		For Encapsulated Soil, Add	*1.00*	
		For Work In Restricted Working Space, Add	*1.00*	
02 82 33 00-0219	SF	>100 To 250 SF, >7" To 12" Thick, Asbestos Contaminated Bulk Debris And Dust Collection In Attic And Crawl Spaces, Asbestos Abatement And Disposal	56.85	
		For Batt Insulation Removal, Add	*2.00*	
		For Encapsulated Soil, Add	*1.00*	
		For Work In Restricted Working Space, Add	*1.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 82 33 00-0220	SF	>250 To 500 SF, >7" To 12" Thick, Asbestos Contaminated Bulk Debris And Dust Collection In Attic And Crawl Spaces, Asbestos Abatement And Disposal	43.22	
		For Batt Insulation Removal, Add	*2.00*	
		For Encapsulated Soil, Add	*1.00*	
		For Work In Restricted Working Space, Add	*1.00*	
02 82 33 00-0221	SF	>500 To 2,500 SF, >7" To 12" Thick, Asbestos Contaminated Bulk Debris And Dust Collection In Attic And Crawl Spaces, Asbestos Abatement And Disposal	34.93	
		For Batt Insulation Removal, Add	*2.00*	
		For Encapsulated Soil, Add	*1.00*	
		For Work In Restricted Working Space, Add	*1.00*	
02 82 33 00-0222	SF	>2,500 To 10,000 SF, >7" To 12" Thick, Asbestos Contaminated Bulk Debris And Dust Collection In Attic And Crawl Spaces, Asbestos Abatement And Disposal	30.00	
		For Batt Insulation Removal, Add	*2.00*	
		For Encapsulated Soil, Add	*1.00*	
		For Work In Restricted Working Space, Add	*1.00*	
02 82 33 00-0223	SF	>10,000 SF, >7" To 12" Thick, Asbestos Contaminated Bulk Debris And Dust Collection In Attic And Crawl Spaces, Asbestos Abatement And Disposal	27.20	
		For Batt Insulation Removal, Add	*2.00*	
		For Encapsulated Soil, Add	*1.00*	
		For Work In Restricted Working Space, Add	*1.00*	
02 82 33 00-0224		**Asbestos Contaminated Debris, Asbestos Abatement And Disposal** *(02 82 33 00-0195)*		
02 82 33 00-0225	SET	Up To 10 CF, Asbestos Contaminated Debris, Asbestos Abatement And Disposal	847.20	
		For Work In Restricted Working Space, Add	*248.01*	
02 82 33 00-0226	CF	>10 To 100 CF, Asbestos Contaminated Debris, Asbestos Abatement And Disposal	84.25	
		For Work In Restricted Working Space, Add	*24.66*	
02 82 33 00-0227	CF	>100 To 250 CF, Asbestos Contaminated Debris, Asbestos Abatement And Disposal	56.85	
		For Work In Restricted Working Space, Add	*16.44*	
02 82 33 00-0228	CF	>250 To 500 CF, Asbestos Contaminated Debris, Asbestos Abatement And Disposal	43.22	
		For Work In Restricted Working Space, Add	*12.35*	
02 82 33 00-0229	CF	>500 To 2,500 CF, Asbestos Contaminated Debris, Asbestos Abatement And Disposal	34.93	
		For Work In Restricted Working Space, Add	*9.86*	
02 82 33 00-0230	CF	>2,500 To 10,000 CF, Asbestos Contaminated Debris, Asbestos Abatement And Disposal	30.00	
		For Work In Restricted Working Space, Add	*8.39*	
02 82 33 00-0231	CF	>10,000 CF, Asbestos Contaminated Debris, Asbestos Abatement And Disposal	27.20	
		For Work In Restricted Working Space, Add	*7.55*	
02 82 33 00-0232		**Other Asbestos Containing Materials, Asbestos Abatement And Disposal** *(02 82 33)*		
02 82 33 00-0233		**30" To 36" Fire Door, Asbestos Abatement And Disposal** *(02 82 33 00-0232)*		
02 82 33 00-0234	SET	Up To 1 EA, 30" To 36" Fire Door, Asbestos Abatement And Disposal	422.58	
02 82 33 00-0235	EA	>1 To 20 EA, 30" To 36" Fire Door, Asbestos Abatement And Disposal	158.03	
02 82 33 00-0236	EA	>20 EA, 30" To 36" Fire Door, Asbestos Abatement And Disposal	143.15	
02 82 33 00-0237		**HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal** *(02 82 33 00-0232)*		
02 82 33 00-0238	SET	Up To 10 LF, HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal	413.79	
02 82 33 00-0239	LF	>10 To 50 LF, HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal	8.50	
02 82 33 00-0240	LF	>50 To 100 LF, HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal	6.38	
02 82 33 00-0241	LF	>100 To 250 LF, HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal	5.49	
02 82 33 00-0242	LF	>250 To 1,000 LF, HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal	4.73	
02 82 33 00-0243	LF	>1,000 To 2,500 LF, HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal	4.06	
02 82 33 00-0244	LF	>2,500 LF, HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal	3.51	
02 82 33 00-0245		**Grout, Asbestos Abatement And Disposal** *(02 82 33 00-0232)* Note: e.g. flue grout.		
02 82 33 00-0246	SET	Up To 10 LF, Grout, Asbestos Abatement And Disposal	413.64	
02 82 33 00-0247	LF	>10 To 50 LF, Grout, Asbestos Abatement And Disposal	16.31	
02 82 33 00-0248	LF	>50 To 100 LF, Grout, Asbestos Abatement And Disposal	11.23	
02 82 33 00-0249	LF	>100 To 250 LF, Grout, Asbestos Abatement And Disposal	9.62	
02 82 33 00-0250	LF	>250 To 1,000 LF, Grout, Asbestos Abatement And Disposal	8.27	
02 82 33 00-0251	LF	>1,000 To 2,500 LF, Grout, Asbestos Abatement And Disposal	7.13	
02 82 33 00-0252	LF	>2,500 LF, Grout, Asbestos Abatement And Disposal	6.12	
02 82 33 00-0253		**Gaskets, Asbestos Abatement And Disposal** *(02 82 33 00-0232)* Note: e.g. rope, web cloth, flat.		
02 82 33 00-0254	SET	Up To 10 LF, Gaskets, Asbestos Abatement And Disposal	413.79	
02 82 33 00-0255	LF	>10 To 50 LF, Gaskets, Asbestos Abatement And Disposal	21.96	
02 82 33 00-0256	LF	>50 To 250 LF, Gaskets, Asbestos Abatement And Disposal	16.48	
02 82 33 00-0257	LF	>250 To 500 LF, Gaskets, Asbestos Abatement And Disposal	14.04	
02 82 33 00-0258	LF	>500 To 1,500 LF, Gaskets, Asbestos Abatement And Disposal	12.64	
02 82 33 00-0259	LF	>1,500 To 2,500 LF, Gaskets, Asbestos Abatement And Disposal	11.37	
02 82 33 00-0260	LF	>2,500 LF, Gaskets, Asbestos Abatement And Disposal	10.82	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 82 33 00-0261		**Ceiling Tile Including Glue Removal, Asbestos Abatement And Disposal** *(02 82 33 00-0232)*		
		Note: e.g. grid, spline, or glued on.		
02 82 33 00-0262	SET	Up To 50 SF, Ceiling Tile, Asbestos Abatement And Disposal	835.25	
		Note: Including Glue Removal		
02 82 33 00-0263	SF	>50 To 1,000 SF, Ceiling Tile, Asbestos Abatement And Disposal	17.74	
		Note: Including Glue Removal		
02 82 33 00-0264	SF	>1,000 To 2,500 SF, Ceiling Tile, Asbestos Abatement And Disposal	8.63	
		Note: Including Glue Removal		
02 82 33 00-0265	SF	>2,500 To 10,000 SF, Ceiling Tile, Asbestos Abatement And Disposal	5.88	
		Note: Including Glue Removal		
02 82 33 00-0266	SF	>10,000 SF, Ceiling Tile, Asbestos Abatement And Disposal	5.03	
		Note: Including Glue Removal		
02 82 33 00-0267		**Nailed-On Ceiling Tile System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal** *(02 82 33 00-0232)*		
		Note: Includes ceiling tile, asbestos barrier paper, and furring strips.		
02 82 33 00-0268	SET	Up To 50 SF, Nailed-On Ceiling Tile System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal	831.32	
02 82 33 00-0269	SF	>50 To 1,000 SF, Nailed-On Ceiling Tile System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal	17.74	
02 82 33 00-0270	SF	>1,000 To 2,500 SF, Nailed-On Ceiling Tile System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal	8.63	
02 82 33 00-0271	SF	>2,500 To 10,000 SF, Nailed-On Ceiling Tile System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal	5.88	
02 82 33 00-0272	SF	>10,000 SF, Nailed-On Ceiling Tile System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal	5.03	
02 82 33 00-0273		**Caulking, Asbestos Abatement And Disposal** *(02 82 33 00-0232)*		
02 82 33 00-0274		**Non-Friable Caulking, Asbestos Abatement And Disposal** *(02 82 33 00-0273)*		
02 82 33 00-0275	SET	Up To 10 LF, Non-Friable Asbestos Contaminated Caulking, Asbestos Abatement And Disposal	413.64	
02 82 33 00-0276	LF	>10 To 50 LF, Non-Friable Asbestos Contaminated Caulking, Asbestos Abatement And Disposal	12.22	
02 82 33 00-0277	LF	>50 To 100 LF, Non-Friable Asbestos Contaminated Caulking, Asbestos Abatement And Disposal	8.62	
02 82 33 00-0278	LF	>100 To 250 LF, Non-Friable Asbestos Contaminated Caulking, Asbestos Abatement And Disposal	6.43	
02 82 33 00-0279	LF	>250 To 1,000 LF, Non-Friable Asbestos Contaminated Caulking, Asbestos Abatement And Disposal	4.84	
02 82 33 00-0280	LF	>1,000 To 2,500 LF, Non-Friable Asbestos Contaminated Caulking, Asbestos Abatement And Disposal	3.83	
02 82 33 00-0281	LF	>2,500 LF, Non-Friable Asbestos Contaminated Caulking, Asbestos Abatement And Disposal	3.33	
02 82 33 00-0282		**Asbestos Contaminated Paint, Asbestos Abatement And Disposal** *(02 82 33 00-0232)*		
		Note: Exposed surface area, includes associated overspray.		
02 82 33 00-0283	SET	Up To 10 SF, Asbestos Contaminated Paint On Bridges, Asbestos Abatement And Disposal	517.55	
02 82 33 00-0284	SF	>10 To 500 SF, Asbestos Contaminated Paint On Bridges, Asbestos Abatement And Disposal	50.80	
02 82 33 00-0285	SF	>500 To 2,500 SF, Asbestos Contaminated Paint On Bridges, Asbestos Abatement And Disposal	38.12	
02 82 33 00-0286	SF	>2,500 To 10,000 SF, Asbestos Contaminated Paint On Bridges, Asbestos Abatement And Disposal	28.61	
02 82 33 00-0287	SF	>10,000 SF, Asbestos Contaminated Paint On Bridges, Asbestos Abatement And Disposal	21.48	
02 82 33 00-0288		**Tackboards/Chalkboards/Markerboards With Mastic, Asbestos Abatement And Disposal** *(02 82 33 00-0232)*		
02 82 33 00-0289	SF	Tackboards/Chalkboards/Markerboards With Mastic, Asbestos Abatement And Disposal	5.34	
02 82 33 00-0290	SF	Mastic On Walls, Asbestos Abatement And Disposal	20.76	
02 82 33 00-0291		**Other Material, Asbestos Abatement And Disposal** *(02 82 33 00-0232)*		
02 82 33 00-0292	LF	Chemical Countertops, Asbestos Abatement And Disposal	28.23	
02 82 33 00-0293	EA	Chemical Fume Hood, Asbestos Abatement And Disposal	1,599.27	
02 82 33 00-0294		**Wire Insulation, Asbestos Abatement And Disposal** *(02 82 33 00-0232)*		
02 82 33 00-0295		**Wire Insulation, Asbestos Abatement And Disposal** *(02 82 33 00-0294)*		
02 82 33 00-0296	SET	Up To 10 LF, Asbestos Wire Insulation, Asbestos Abatement And Disposal	413.64	
02 82 33 00-0297	LF	>10 To 50 LF, Asbestos Wire Insulation, Asbestos Abatement And Disposal	4.60	
02 82 33 00-0298	LF	>50 To 100 LF, Asbestos Wire Insulation, Asbestos Abatement And Disposal	3.26	
02 82 33 00-0299	LF	>100 To 250 LF, Asbestos Wire Insulation, Asbestos Abatement And Disposal	2.43	
02 82 33 00-0300	LF	>250 To 1,000 LF, Asbestos Wire Insulation, Asbestos Abatement And Disposal	1.82	
02 82 33 00-0301	LF	>1,000 To 2,500 LF, Asbestos Wire Insulation, Asbestos Abatement And Disposal	1.45	
02 82 33 00-0302	LF	>2,500 LF, Asbestos Wire Insulation, Asbestos Abatement And Disposal	1.27	
02 82 33 00-0303		**Window Putty, Asbestos Abatement And Disposal** *(02 82 33 00-0232)*		
02 82 33 00-0304	SET	Up To 10 LF, Window Putty, Asbestos Abatement And Disposal	413.64	
02 82 33 00-0305	LF	>10 To 50 LF, Window Putty, Asbestos Abatement And Disposal	16.31	
02 82 33 00-0306	LF	>50 To 100 LF, Window Putty, Asbestos Abatement And Disposal	11.23	
02 82 33 00-0307	LF	>100 To 250 LF, Window Putty, Asbestos Abatement And Disposal	9.62	
02 82 33 00-0308	LF	>250 To 1,000 LF, Window Putty, Asbestos Abatement And Disposal	8.27	
02 82 33 00-0309	LF	>1,000 LF, Window Putty, Asbestos Abatement And Disposal	7.13	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 82 33 00-0310		Asbestos Contaminated Light Fixture, Asbestos Abatement And Disposal *(02 82 33 00-0232)*		
02 82 33 00-0311	SET	Up To 4 EA, Asbestos Contaminated Light Fixture, Asbestos Abatement And Disposal	866.05	
02 82 33 00-0312	EA	>4 To 40 EA, Asbestos Contaminated Light Fixture, Asbestos Abatement And Disposal	83.82	
02 82 33 00-0313	EA	>40 To 60 EA, Asbestos Contaminated Light Fixture, Asbestos Abatement And Disposal	59.16	
02 82 33 00-0314	EA	>60 To 125 EA, Asbestos Contaminated Light Fixture, Asbestos Abatement And Disposal	46.89	
02 82 33 00-0315	EA	>125 To 625 EA, Asbestos Contaminated Light Fixture, Asbestos Abatement And Disposal	39.44	
02 82 33 00-0316	EA	>625 To 1,500 EA, Asbestos Contaminated Light Fixture, Asbestos Abatement And Disposal	35.00	
02 82 33 00-0317	EA	>1,500 EA, Asbestos Contaminated Light Fixture, Asbestos Abatement And Disposal	32.47	

02 83 Lead Remediation *(02 80)*

See CSI section 01 56 16 00-0001 for temporary stud walls, 01 74 19 00-0064 for hauling in excess of 25 miles to transfer or disposal site, 02 89 00 00-0003 for plastic sheeting for containment construction, 02 89 00 00-0010 for decontamination chambers.

02 83 19 Lead-Based Paint Remediation *(02 83)*

02 83 19 13 Lead-Based Paint Abatement *(02 83 19)*

Note: Includes materials, equipment, mobilization, preparation, critical barriers (e.g. electrical outlets, registers, windows, etc.), signage, removal, bagging, clean-up, vacuuming, transportation for up to 25 miles, disposal, personnel health monitoring, negative air, documentation and other associated costs necessary for the complete removal and disposal of lead contaminated materials in accordance with EPA and local regulations. Where types of Lead are listed by quantity, the quantity of the entire project, not a particular work area, is to be used in determining which task applies. See CSI section 01 56 16 00-0001 for temporary stud walls, 01 74 19 00-0064 for hauling in excess of 25 miles to transfer or disposal site, 02 89 00 00-0003 for plastic sheeting.

CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 83 19 13-0001		Lead Sampling And Testing *(02 83 19 13)* Note: Includes packaging of sample for shipping, shipping to testing lab, chain of custody documentation, analysis of sample, lab report, and sample disposal. Excludes sampling time.		
02 83 19 13-0002	HR	Certified Lead Sampling Technician For Bulk Sampling Or Air Monitoring	87.23	
02 83 19 13-0003	EA	X-Ray Fluorescence (XRF) Lead Testing Note: Including Technician, 3 Readings Per Surface And Lab Fee	72.77	
02 83 19 13-0004	EA	5 Day Turnaround Toxicity Characteristic Leaching Procedure (TCLP) Lead Test And Lab Fee	69.66	
02 83 19 13-0005	EA	48 Hour Turnaround Toxicity Characteristic Leaching Procedure (TCLP) Lead Test And Lab Fee	105.55	
02 83 19 13-0006	EA	24 Hour Turnaround Toxicity Characteristic Leaching Procedure (TCLP) Lead Test And Lab Fee	147.77	
02 83 19 13-0007	EA	5 Day Turnaround Total Threshold Leaching Concentration (TTLC) Lead Test And Lab Fee	27.44	
02 83 19 13-0008	EA	24 Hour Turnaround Total Threshold Leaching Concentration (TTLC) Lead Test And Lab Fee	42.22	
02 83 19 13-0009	EA	8 Hour Turnaround Total Threshold Leaching Concentration (TTLC) Lead Test And Lab Fee	52.78	
02 83 19 13-0010	EA	5 Day Turnaround Soluble Threshold Limit Concentration (STLC) Lead Test And Lab Fee	69.66	
02 83 19 13-0011	EA	3 Day Turnaround Soluble Threshold Limit Concentration (STLC) Lead Test And Lab Fee	105.55	
02 83 19 13-0012	EA	5 Day Turnaround Lead Wipe Samples And Lab Fee	11.61	
02 83 19 13-0013	EA	24 Hour Turnaround Lead Wipe Samples And Lab Fee	15.83	
02 83 19 13-0014	EA	8 Hour Turnaround Lead Wipe Samples And Lab Fee	23.22	
02 83 19 13-0015	EA	5 Day Turnaround Lead Air Samples And Lab Fee	11.61	
02 83 19 13-0016	EA	24 Hour Turnaround Lead Air Samples And Lab Fee	15.83	
02 83 19 13-0017	EA	8 Hour Turnaround Lead Air Samples And Lab Fee	23.22	
02 83 19 13-0018	EA	5 Day Turnaround Lead Water Test and Lab Fee	42.22	
02 83 19 13-0019	EA	24 Hour Turnaround Lead Water Test and Lab Fee	63.33	
02 83 19 13-0020	EA	8 Hour Turnaround Lead Water Test and Lab Fee	84.44	
02 83 19 13-0021	EA	5 Day Turnaround Lead Paint Chip Test and Lab Fee	43.66	
02 83 19 13-0022	EA	5 Day Turnaround Lead Soil Test and Lab Fee	87.33	
02 83 19 13-0023		Chemical Stripping Of Lead Contaminated Material *(02 83 19 13)* Note: Per 0.02" (20 mils) application. Manufacture recommended operating temperatures not to be below 50 degrees. Includes heat gun (where required) for follow up, waste handling, packing and all personnel blood work, lab test fees and monitoring. Industrial coatings often contain other hazardous ingredients in addition to or in place of lead. These might include, but are not be limited to, chromium, cadmium and mercury.		
02 83 19 13-0024	SF	Balustrades, Chemical Stripping Of Lead Contaminated Material	33.56	
		For 0.025" (25 mil) Application, Add	*1.93*	
		For 0.03" (30 mil) Application, Add	*3.05*	
02 83 19 13-0025	SF	Balustrades, Ornate, Chemical Stripping Of Lead Contaminated Material	49.71	
		For 0.025" (25 mil) Application, Add	*2.74*	
		For 0.03" (30 mil) Application, Add	*4.26*	
02 83 19 13-0026	LF	Up To 6" Wide, Wood Trim, Chemical Stripping Of Lead Contaminated Material	14.43	
		For 0.025" (25 mil) Application, Add	*0.87*	
		For 0.03" (30 mil) Application, Add	*1.40*	
		For 0.125" (125 mil) Application, Add	*8.11*	
02 83 19 13-0027	LF	>6" To 12" Wide, Wood Trim, Chemical Stripping Of Lead Contaminated Material	29.40	
		For 0.025" (25 mil) Application, Add	*1.62*	
		For 0.03" (30 mil) Application, Add	*2.52*	
		For 0.125" (125 mil) Application, Add	*11.85*	
02 83 19 13-0028	SF	Cornice, Chemical Stripping Of Lead Contaminated Material	15.73	
		For 0.025" (25 mil) Application, Add	*1.04*	
		For 0.03" (30 mil) Application, Add	*1.71*	
02 83 19 13-0029	SF	Cornice, Ornate, Chemical Stripping Of Lead Contaminated Material	44.32	
		For 0.025" (25 mil) Application, Add	*2.47*	
		For 0.03" (30 mil) Application, Add	*3.86*	
02 83 19 13-0030	SF	Brick, Concrete Block, Concrete, Chemical Stripping Of Lead Contaminated Material	9.73	
		For 0.025" (25 mil) Application, Add	*0.69*	
		For 0.03" (30 mil) Application, Add	*1.15*	
		For 0.125" (125 mil) Application, Add	*8.43*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 83 19 13-0031	SF	Cabinets, Chemical Stripping Of Lead Contaminated Material	28.05	
		For 0.025" (25 mil) Application, Add	*1.60*	
		For 0.03" (30 mil) Application, Add	*2.53*	
02 83 19 13-0032	SF	Cabinets, Ornate, Chemical Stripping Of Lead Contaminated Material	35.72	
		For 0.025" (25 mil) Application, Add	*1.99*	
		For 0.03" (30 mil) Application, Add	*3.10*	
02 83 19 13-0033	SF	Plaster, Stucco and Drywall Surfaces, Chemical Stripping Of Lead Contaminated Material	13.37	
		For 0.025" (25 mil) Application, Add	*0.87*	
		For 0.03" (30 mil) Application, Add	*1.43*	
02 83 19 13-0034	SF	Columns, Chemical Stripping Of Lead Contaminated Material	12.88	
		For 0.025" (25 mil) Application, Add	*0.89*	
		For 0.03" (30 mil) Application, Add	*1.50*	
		For 0.125" (125 mil) Application, Add	*10.72*	
02 83 19 13-0035	SF	Flush Doors, One Side, Chemical Stripping Of Lead Contaminated Material	11.34	
		For 0.025" (25 mil) Application, Add	*0.77*	
		For 0.03" (30 mil) Application, Add	*1.28*	
02 83 19 13-0036	SF	Raised Panel Doors and Decorative Doors, Chemical Stripping Of Lead Contaminated Material	13.91	
		For 0.025" (25 mil) Application, Add	*0.90*	
		For 0.03" (30 mil) Application, Add	*1.47*	
02 83 19 13-0037	SF	Sectional Panel Or Roll-Up Doors, Chemical Stripping Of Lead Contaminated	20.48	
		For 0.025" (25 mil) Application, Add	*1.27*	
		For 0.03" (30 mil) Application, Add	*2.07*	
02 83 19 13-0038	EA	Electrical Devices, Chemical Stripping Of Lead Contaminated Material	58.37	
		For 0.025" (25 mil) Application, Add	*3.32*	
		For 0.03" (30 mil) Application, Add	*5.23*	
02 83 19 13-0039	LF	Door Frames, Chemical Stripping Of Lead Contaminated Material	14.53	
		For 0.025" (25 mil) Application, Add	*0.93*	
		For 0.03" (30 mil) Application, Add	*1.51*	
02 83 19 13-0040	SF	Wood Floors, Chemical Stripping Of Lead Contaminated Material	8.03	
		For 0.025" (25 mil) Application, Add	*0.60*	
		For 0.03" (30 mil) Application, Add	*1.03*	
02 83 19 13-0041	SF	HVAC Grilles, Chemical Stripping Of Lead Contaminated Material	29.97	
		For 0.025" (25 mil) Application, Add	*1.70*	
		For 0.03" (30 mil) Application, Add	*2.67*	
02 83 19 13-0042	SF	HVAC Grilles, Ornate, Chemical Stripping Of Lead Contaminated Material	35.72	
		For 0.025" (25 mil) Application, Add	*1.99*	
		For 0.03" (30 mil) Application, Add	*3.10*	
02 83 19 13-0043	EA	Hinges, Chemical Stripping Of Lead Contaminated Material	18.86	
		For 0.025" (25 mil) Application, Add	*1.24*	
		For 0.03" (30 mil) Application, Add	*2.05*	
02 83 19 13-0044	EA	Up To 6" Diameter Hangers, Chemical Stripping Of Lead Contaminated Material	23.20	
		For 0.025" (25 mil) Application, Add	*1.46*	
		For 0.03" (30 mil) Application, Add	*2.38*	
		For 0.125" (125 mil) Application, Add	*14.80*	
02 83 19 13-0045	LF	Up To 2" Diameter Pipes and Conduit, Chemical Stripping Of Lead Contaminated Material	6.50	
		For 0.025" (25 mil) Application, Add	*0.48*	
		For 0.03" (30 mil) Application, Add	*0.81*	
		For 0.125" (125 mil) Application, Add	*6.13*	
02 83 19 13-0046	LF	>2" To 4" Diameter Pipes and Conduit, Chemical Stripping Of Lead Contaminated Material	10.40	
		For 0.025" (25 mil) Application, Add	*0.67*	
		For 0.03" (30 mil) Application, Add	*1.10*	
		For 0.125" (125 mil) Application, Add	*7.10*	
02 83 19 13-0047	LF	>4" To 8" Diameter Pipes and Conduit, Chemical Stripping Of Lead Contaminated Material	18.61	
		For 0.025" (25 mil) Application, Add	*1.18*	
		For 0.03" (30 mil) Application, Add	*1.93*	
		For 0.125" (125 mil) Application, Add	*12.15*	
02 83 19 13-0048	LF	>8" To 12" Diameter Pipes and Conduit, Chemical Stripping Of Lead Contaminated Material	25.48	
		For 0.025" (25 mil) Application, Add	*1.57*	
		For 0.03" (30 mil) Application, Add	*2.55*	
		For 0.125" (125 mil) Application, Add	*15.37*	
02 83 19 13-0049	LF	>12" To 16" Diameter Pipes and Conduit, Chemical Stripping Of Lead Contaminated Material	45.65	
		For 0.025" (25 mil) Application, Add	*2.73*	
		For 0.03" (30 mil) Application, Add	*4.38*	
		For 0.125" (125 mil) Application, Add	*24.91*	
02 83 19 13-0050	SF	>16" Diameter Pipes, Chemical Stripping Of Lead Contaminated Material, SF Of Surface Area	13.62	
		For 0.025" (25 mil) Application, Add	*0.79*	
		For 0.03" (30 mil) Application, Add	*1.25*	
		For 0.125" (125 mil) Application, Add	*6.65*	
02 83 19 13-0051	EA	Up To 12 SF Radiators, Chemical Stripping Of Lead Contaminated Material	270.58	
		For 0.025" (25 mil) Application, Add	*14.98*	
		For 0.03" (30 mil) Application, Add	*23.38*	
02 83 19 13-0052	SF	Flat And Raised Panel Wood Shutters, Chemical Stripping Of Lead Contaminated Material	19.18	
		For 0.025" (25 mil) Application, Add	*1.52*	
		For 0.03" (30 mil) Application, Add	*2.64*	
02 83 19 13-0053	SF	Louvered Wood Shutters, Chemical Stripping Of Lead Contaminated Material	20.97	
		For 0.025" (25 mil) Application, Add	*1.61*	
		For 0.03" (30 mil) Application, Add	*2.77*	
02 83 19 13-0054	SF	Siding, Chemical Stripping Of Lead Contaminated Material	10.90	
		For 0.025" (25 mil) Application, Add	*0.80*	
		For 0.03" (30 mil) Application, Add	*1.35*	
		For 0.125" (125 mil) Application, Add	*10.23*	
02 83 19 13-0055	SF	Soffit, Chemical Stripping Of Lead Contaminated Material	22.71	
		For 0.025" (25 mil) Application, Add	*1.34*	
		For 0.03" (30 mil) Application, Add	*2.13*	
		For 0.125" (125 mil) Application, Add	*11.68*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 83 19 13-0056	SF	Flat Steel Surfaces, Chemical Stripping Of Lead Contaminated Material	10.49	
		For 0.025" (25 mil) Application, Add	*0.72*	
		For 0.03" (30 mil) Application, Add	*1.21*	
		For 0.125" (125 mil) Application, Add	*8.62*	
02 83 19 13-0057	SF	Corrugated Steel, Chemical Stripping Of Lead Contaminated Material	11.90	
		For 0.025" (25 mil) Application, Add	*0.80*	
		For 0.03" (30 mil) Application, Add	*1.32*	
		For 0.125" (125 mil) Application, Add	*8.98*	
02 83 19 13-0058	SF	Steel Beams and Columns, Chemical Stripping Of Lead Contaminated Material	11.87	
		For 0.025" (25 mil) Application, Add	*0.79*	
		For 0.03" (30 mil) Application, Add	*1.32*	
		For 0.125" (125 mil) Application, Add	*8.97*	
02 83 19 13-0059	SF	Steel Trusses, Chemical Stripping Of Lead Contaminated Material	16.78	
		For 0.025" (25 mil) Application, Add	*1.04*	
		For 0.03" (30 mil) Application, Add	*1.68*	
		For 0.125" (125 mil) Application, Add	*10.20*	
02 83 19 13-0060	SF	Wood Surfaces, Chemical Stripping Of Lead Contaminated Material	11.87	
		For 0.025" (25 mil) Application, Add	*0.79*	
		For 0.03" (30 mil) Application, Add	*1.32*	
		For 0.125" (125 mil) Application, Add	*8.97*	
02 83 19 13-0061	SF	Windows (Sash, Sill, Jambs, Casing Trim), One Side, 1/1 Light, Chemical Stripping Of Lead Contaminated Material	27.22	
		For 0.025" (25 mil) Application, Add	*1.56*	
		For 0.03" (30 mil) Application, Add	*2.47*	
02 83 19 13-0062	SF	Windows (Sash, Sill, Jambs, Muntins, Casing Trim), One Side, 2/2 Light, Chemical Stripping Of Lead Contaminated Material	29.79	
		For 0.025" (25 mil) Application, Add	*1.69*	
		For 0.03" (30 mil) Application, Add	*2.66*	
02 83 19 13-0063	SF	Windows (Sash, Sill, Jambs, Muntins, Casing Trim), One Side, 4/4 Light, Chemical Stripping Of Lead Contaminated Material	31.52	
		For 0.025" (25 mil) Application, Add	*1.78*	
		For 0.03" (30 mil) Application, Add	*2.79*	
02 83 19 13-0064	SF	Windows (Sash, Sill, Jambs, Muntins, Casing Trim), One Side, 6/6 Light, Chemical Stripping Of Lead Contaminated Material	33.27	
		For 0.025" (25 mil) Application, Add	*1.86*	
		For 0.03" (30 mil) Application, Add	*2.92*	
02 83 19 13-0065	SF	Windows (Sash, Sill, Jambs, Muntins, Casing Trim), One Side, 8/8 Light Chemical Stripping Of Lead Contaminated Material	34.99	
		For 0.025" (25 mil) Application, Add	*1.95*	
		For 0.03" (30 mil) Application, Add	*3.05*	
02 83 19 13-0066	SF	Windows (Sash, Sill, Jambs, Muntins, Casing Trim), One Side, 10/10 Light, Chemical Stripping Of Lead Contaminated Material	36.80	
		For 0.025" (25 mil) Application, Add	*2.04*	
		For 0.03" (30 mil) Application, Add	*3.19*	
02 83 19 13-0067	SF	Windows (Sash, Sill, Jambs, Muntins, Casing Trim), One Side, 12/12 light Chemical Stripping Of Lead Contaminated Material	38.49	
		For 0.025" (25 mil) Application, Add	*2.12*	
		For 0.03" (30 mil) Application, Add	*3.31*	
02 83 19 13-0068	SF	Windows (Sash, Sill, Jambs, Muntins, Casing Trim), One Side, 14/14 Light, Chemical Stripping Of Lead Contaminated Material	39.36	
		For 0.025" (25 mil) Application, Add	*2.17*	
		For 0.03" (30 mil) Application, Add	*3.38*	
02 83 19 13-0069	SF	Windows (Sash, Sill, Jambs, Muntins, Casing Trim), One Side, 16/16 Light Chemical Stripping Of Lead Contaminated Material	40.24	
		For 0.025" (25 mil) Application, Add	*2.21*	
		For 0.03" (30 mil) Application, Add	*3.44*	
02 83 19 13-0070	SF	Windows (Sash, Sill, Jambs, Muntins, Casing Trim), One Side, 20/20 Light, Chemical Stripping Of Lead Contaminated Material	41.08	
		For 0.025" (25 mil) Application, Add	*2.25*	
		For 0.03" (30 mil) Application, Add	*3.51*	
02 83 19 13-0071	SF	Metal Stairs, Chemical Stripping Of Lead Contaminated Material	54.35	
		For 0.025" (25 mil) Application, Add	*3.12*	
		For 0.03" (30 mil) Application, Add	*4.93*	
		For 0.125" (125 mil) Application, Add	*25.59*	
02 83 19 13-0072	LF	Metal Single Hand Rail, Chemical Stripping Of Lead Contaminated Material	9.48	
		For 0.025" (25 mil) Application, Add	*0.62*	
		For 0.03" (30 mil) Application, Add	*1.03*	
		For 0.125" (125 mil) Application, Add	*6.87*	
02 83 19 13-0073	SF	Metal Railing And Posts, Chemical Stripping Of Lead Contaminated Material Note: The unit of measure "SF" is measured for 'Length x Height'. Work includes both sides of railing.	27.68	
		For 0.025" (25 mil) Application, Add	*1.68*	
		For 0.03" (30 mil) Application, Add	*2.71*	
		For 0.125" (125 mil) Application, Add	*15.92*	
02 83 19 13-0074	SF	Metal Picket Fence, Chemical Stripping Of Lead Contaminated Material	30.22	
		For 0.025" (25 mil) Application, Add	*1.76*	
		For 0.03" (30 mil) Application, Add	*2.80*	
		For 0.125" (125 mil) Application, Add	*15.06*	

02 83 19 13-0075 Demolish Lead Contaminated Material *(02 83 19 13)*

Note: Includes waste handling, packing, all personnel blood work, lab test fees and monitoring. Industrial coatings often contain other hazardous ingredients in addition to or in place of lead. These might include, but are not be limited to, chromium, cadmium and mercury.

02 83 19 13-0076	SF	Demolish Ceiling Suspension System, Lead Contaminated Material		2.38
02 83 19 13-0077	SF	Demolish Plaster Or Stucco, And Lath, Lead Contaminated Material		3.47
02 83 19 13-0078	SF	Demolish Walls, Gypsum Board, Lead Contaminated Material		1.11

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 83 19 13-0079	SF	Demolish Suspended Ceiling System And Tile, Lead Contaminated Material		1.39
02 83 19 13-0080	SF	Demolish Acoustical Ceiling Tile, Lead Contaminated Material		0.88
02 83 19 13-0081	SF	Demolish Metal Pan Grid System, Lead Contaminated Material		1.38
02 83 19 13-0082	EA	Demolish Ceiling And Recessed Light Fixtures, Lead Contaminated Material		66.42
02 83 19 13-0083	EA	Demolish >2' x 4' Light Fixtures, Lead Contaminated Material		88.11
02 83 19 13-0084	SF	Demolish Non-Load Bearing Partitions Of Plaster Or Stucco, Lath And Studs, Lead Contaminated Material		9.84
02 83 19 13-0085	SF	Demolish Non-Load Bearing Partitions Of Gypsum Board And Studs, Lead Contaminated Material		5.51
02 83 19 13-0086	SF	Demolish Brick, Lead Contaminated Material		4.15
02 83 19 13-0087	SF	Demolish Concrete Block, Lead Contaminated Material		5.34
02 83 19 13-0088	SF	Demolish Tile, Lead Contaminated Material		4.02
02 83 19 13-0089	SF	Demolish Up To 6" Concrete, Lead Contaminated Material		6.05
02 83 19 13-0090	IN	Drilling, Up To 1/2" Diameter In Lead Paint/Asbestos Material Per Inch Of Depth		4.72
02 83 19 13-0091	IN	Drilling, >1/2" To 1" Diameter In Lead Paint/Asbestos Material Per Inch Of Depth		6.29
02 83 19 13-0092	LF	Demolish Wood Balustrades And Railings, Lead Contaminated Material		6.89
02 83 19 13-0093	LF	Demolish Up To 6" Wide Baseboard, Lead Contaminated Material		1.80
02 83 19 13-0094	LF	Demolish >6" To 12" Wide Baseboard, Lead Contaminated Material		2.25
02 83 19 13-0095	LF	Demolish Base Shoe Molding, Lead Contaminated Material		1.46
02 83 19 13-0096	SF	Demolish Concrete, Lead Contaminated Material		13.70
02 83 19 13-0097	LF	Demolish Cabinets, Lead Contaminated Material		31.91
02 83 19 13-0098	SF	Demolish Ceilings, Gypsum Board, Lead Contaminated Material		1.81
02 83 19 13-0099	SF	Demolish Up To 12" Diameter Columns, Lead Contaminated Material		17.68
02 83 19 13-0100	SF	Demolish Cornice, Lead Contaminated Material		2.35
02 83 19 13-0101	EA	Demolish Doors, Lead Contaminated Material		69.23
02 83 19 13-0102	LF	Demolish Door And Window Trim Or Frames, Lead Contaminated Material		2.11
02 83 19 13-0103	EA	Demolish Electrical Devices, Lead Contaminated Material		21.24
02 83 19 13-0104	LF	Demolish Up To 1" Diameter Electrical Conduit, Lead Contaminated Material		2.73
02 83 19 13-0105	LF	Demolish >1" To 2" Diameter Electrical Conduit, Lead Contaminated Material		4.54
02 83 19 13-0106	SF	Demolish Wood Floors, Lead Contaminated Material		3.27
02 83 19 13-0107	SF	Demolish Grilles, Lead Contaminated Material		3.84
02 83 19 13-0108	EA	Demolish Hinges, Lead Contaminated Material		7.73
02 83 19 13-0109	EA	Demolish Up To 6" Diameter Hangers, Lead Contaminated Material		16.59
02 83 19 13-0110	LF	Demolish Up To 2" Diameter Pipes, Lead Contaminated Material		6.80
02 83 19 13-0111	LF	Demolish >2" To 4" Diameter Pipes, Lead Contaminated Material		9.92
02 83 19 13-0112	LF	Demolish >4" To 8" Diameter Pipes, Lead Contaminated Material		15.00
02 83 19 13-0113	LF	Demolish >8" To 12" Diameter Pipes, Lead Contaminated Material		27.66
02 83 19 13-0114	EA	Demolish Radiators, Lead Contaminated Material		119.49
02 83 19 13-0115	EA	Demolish Shutters, Lead Contaminated Material		46.56
02 83 19 13-0116	SF	Demolish Siding, Lead Contaminated Material		1.85
02 83 19 13-0117	SF	Demolish Soffit, Lead Contaminated Material		1.58
02 83 19 13-0118	SF	Demolish Flat Steel Surfaces, Lead Contaminated Material		4.31
02 83 19 13-0119	SF	Demolish Steel Beams, Lead Contaminated Material		5.07
02 83 19 13-0120	SF	Demolish Trusses, Lead Contaminated Material		6.65
02 83 19 13-0121	SF	Demolish Walls, Wood, Lead Contaminated Material		4.91
02 83 19 13-0122	SF	Demolish Windows, Lead Contaminated Material		16.53
02 83 19 13-0123	SF	Demolish Metal Stair, Lead Contaminated Material		7.92
02 83 19 13-0124	LF	Demolish Single Metal Hand Rail, Lead Contaminated Material		5.82
02 83 19 13-0125	LF	Demolish Metal Railing And Posts, Lead Contaminated Material		9.49
02 83 19 13-0126	SF	Demolish Metal Picket Fence, Lead Contaminated Material		2.61
02 83 19 13-0127	SF	Demolish Plywood, Lead Contaminated Material		7.15
02 83 19 13-0128	SF	Demolish Planks (Various Sizes), Lead Contaminated Material		3.49
02 83 19 13-0129	EA	Demolish Metal Brackets Or Other Small Metal Shapes, Lead Contaminated Material		21.81
02 83 19 13-0130	SF	Demolish Ceramic Tile Block, Lead Contaminated Material		4.76
02 83 19 13-0131	LF	Demolish Metal Guard Rails, Lead Contaminated Material		13.08

02 83 19 13-0132 Wet Sanding/Light Scraping Of Lead Contaminated Material *(02 83 19 13)*

Note: Remove loose, flaking lead-based paint to prepare for painting.

02 83 19 13-0133	SET	Up To 100 SF Painted Surface, Wet Sand/Scrape Of Lead Contaminated Material To Prepare For Painting		697.84
02 83 19 13-0134	SF	>100 To 200 SF Painted Surface, Wet Sand/Scrape Of Lead Contaminated Material To Prepare For Painting		8.64
02 83 19 13-0135	SF	>200 To 350 SF Painted Surface, Wet Sand/Scrape Of Lead Contaminated Material To Prepare For Painting		6.17
02 83 19 13-0136	SF	>350 SF Painted Surface, Wet Sand/Scrape Of Lead Contaminated Material To Prepare For Painting		3.48

02 83 19 13-0137 Lead Abatement Encapsulation *(02 83 19 13)*

Note: Can also be used for asbestos contaminated encapsulation. Spray applied application unless task described otherwise.

02 83 19 13-0138	SF	Balustrades, Lead Abatement Encapsulation		6.09
02 83 19 13-0139	LF	Up To 6" Wide, Baseboard, Lead Abatement Encapsulation		5.98
02 83 19 13-0140	LF	>6" To 12" Wide, Baseboard, Lead Abatement Encapsulation		8.14
02 83 19 13-0141	SF	Brick, Concrete Block, Concrete, Lead Abatement Encapsulation		3.93
02 83 19 13-0142	SF	Ornate Cabinets, Lead Abatement Encapsulation		8.78
02 83 19 13-0143	SF	Simple Design Cabinets, Lead Abatement Encapsulation		7.16
02 83 19 13-0144	SF	Drywall Ceilings, Lead Abatement Encapsulation		2.49
02 83 19 13-0145	SF	Wood Ceilings, Lead Abatement Encapsulation		3.01
02 83 19 13-0146	SF	Acoustical And Popcorn Ceilings, Lead Abatement Encapsulation		2.79
02 83 19 13-0147	SF	Columns, Lead Abatement Encapsulation		4.74
02 83 19 13-0148	SF	Doors, Lead Abatement Encapsulation		8.99
02 83 19 13-0149	LF	Up To 2" Electrical Conduit, Lead Abatement Encapsulation		3.96
02 83 19 13-0150	SF	Picket Fence (Brush), Lead Abatement Encapsulation		2.85
02 83 19 13-0151	SF	Wood Floors (Roller), Lead Abatement Encapsulation		2.39
02 83 19 13-0152	SF	Grilles, Vents, Lead Abatement Encapsulation		6.56

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 83 19 13-0153	LF	Gutters And Downspouts, Lead Abatement Encapsulation	6.09	
02 83 19 13-0154	EA	Hangers, Lead Abatement Encapsulation	51.40	
02 83 19 13-0155	LF	Up To 4" Diameter Pipe (Brush), Lead Abatement Encapsulation	3.69	
02 83 19 13-0156	LF	>4" To 8" Diameter Pipe (Brush), Lead Abatement Encapsulation	5.36	
02 83 19 13-0157	LF	>8" To 12" Diameter Pipe (Brush), Lead Abatement Encapsulation	8.32	
02 83 19 13-0158	LF	>12" To 16" Diameter Pipe (Brush), Lead Abatement Encapsulation	12.28	
02 83 19 13-0159	EA	Radiators, Lead Abatement Encapsulation	134.31	
02 83 19 13-0160	EA	Up To 6' Shutters, Lead Abatement Encapsulation	191.19	
02 83 19 13-0161	SF	Siding, Lead Abatement Encapsulation	3.39	
02 83 19 13-0162	SF	Up To 12" Soffit, Lead Abatement Encapsulation	4.74	
02 83 19 13-0163	SF	Steel, Flat Surfaces And Tanks Up To 12', Lead Abatement Encapsulation	3.93	
02 83 19 13-0164	SF	Steel Beams And Metal Decks, Lead Abatement Encapsulation	5.12	
02 83 19 13-0165	SF	Trusses, Lead Abatement Encapsulation	5.12	
02 83 19 13-0166	SF	Drywall Walls, Lead Abatement Encapsulation	2.22	
02 83 19 13-0167	SF	Wood Walls, Lead Abatement Encapsulation	2.72	
02 83 19 13-0168	EA	Window Without Grille, Lead Abatement Encapsulation	113.99	
02 83 19 13-0169	EA	Window With Grille, Lead Abatement Encapsulation	146.44	
02 83 19 13-0170	LF	Wood Door Frames And Trim, Lead Abatement Encapsulation	3.46	
02 83 19 13-0171	LF	Steel Lintels, Lead Abatement Encapsulation	3.98	

02 83 33 Removal and Disposal of Material Containing Lead *(02 83)*

02 83 33 13 Lead-Based Paint Removal and Disposal *(02 83 33)*

02 83 33 13-0001 Remove Loose Dirt And Debris Containing Lead *(02 83 33 13)*

02 83 33 13-0002	SF	High Efficiency Particulate Air (HEPA) Vacuum And Wet Cleaning Of Lead Contaminated Area With Mild Detergent	0.28
02 83 33 13-0003	SF	High Efficiency Particulate Air (HEPA) Vacuum And Wet Cleaning Of Lead Contaminated Area With Tri-Sodium Phosphate	0.28
02 83 33 13-0004	SF	High Efficiency Particulate Air (HEPA) Vacuum And Shampoo Cleaning Of Lead Contaminated Carpeting	1.38

02 83 43 Lead Contaminated Soil Fixation *(02 83)*

02 83 43 00-0001 Lead Contaminated Soil Fixation *(02 83 43)*

02 83 43 00-0002	TON	MAECTITE Chemical Treatment For Lead Contaminated Soil Note: Includes chemical agent required to apply 1% dose to soil based on weight of disposed soil. 1% is the typical average dosage for lead contaminated soil. If, for example, a 1.5% dosage is required the quantity of disposed soil is multiplied by 1.5 (use 0.5% increments). Excludes mobilization, demobilization, on site tech support, soil mixing, soil loading, hauling and disposal. Includes treatability study.	20.97
02 83 43 00-0003	EA	Mobilize MAECTITE Chemical Treatment Equipment Note: Includes truck, trailer, pumps, air compressor, tanks, hoses, tools, safety equipment and other equipment required to apply chemicals.	7,977.90
02 83 43 00-0004	DAY	MAECTITE On Site Technician Note: Includes labor for chemical application.	1,268.78
02 83 43 00-0005	TON	In Place MAECTITE And Soil Mixing With Minimal Obstructions Note: Excludes MAECTITE.	56.98
02 83 43 00-0006	TON	In Place MAECTITE And Soil Mixing With Obstructions Note: Excludes MAECTITE.	95.73

02 84 Polychlorinated Biphenyl Remediation *(02 80)*

02 84 16 Handling of Lighting Ballasts and Lamps Containing PBCs and Mercury *(02 84)*

02 84 16 00-0001 Removal Of TSCA-Exempt PCB And Non-PCB Ballasts From Demolished Fixtures *(02 84 16)*
Note: Includes removal of TSCA-exempt PCB and Non-PCB ballast from demolished lighting fixture and placing ballast in an approved container for recycling.

02 84 16 00-0002	EA	Removal Of TSCA-Exempt Polychlorinated Biphenyl (PCB) And Non-PCB Ballast From A Demolished Fixture For Recycling	9.29

02 84 16 00-0003 Recycle TSCA-Exempt PCB And Non-PCB Ballasts *(02 84 16)*
Note: Non-leaking ballasts. Includes containers, shipping costs and recycling fees. Excludes ballast removal.

02 84 16 00-0004	EA	Recycle Non-Polychlorinated Biphenyl (PCB) Ballast Removed From Up To 4' Length Fixtures	3.21
02 84 16 00-0005	EA	Recycle Non-Polychlorinated Biphenyl (PCB) Ballast Removed From >4' To 8' Length Fixtures	4.09
02 84 16 00-0006	EA	Recycle TSCA-Exempt Polychlorinated Biphenyl (PCB) Ballast Removed From Up To 4' Length Fixtures	9.67
02 84 16 00-0007	EA	Recycle TSCA-Exempt Polychlorinated Biphenyl (PCB) Ballast Removed From >4' To 8' Length Fixtures	20.23

02 84 16 00-0008 Disposal Of Leaking PCB And Non-PCB Ballasts *(02 84 16)*
Note: Disposal at an EPA approved facility. Includes containers, shipping costs and disposal fees. Excludes ballast removal.

02 84 16 00-0009	EA	Dispose Of Leaking Non-Polychlorinated Biphenyl (PCB) Ballast Removed From Up To 4' Length Fixtures	5.85
02 84 16 00-0010	EA	Dispose Of Leaking Non-Polychlorinated Biphenyl (PCB) Ballast Removed From >4' To 8' Length Fixtures	8.05
02 84 16 00-0011	EA	Dispose Of Leaking Polychlorinated Biphenyl (PCB) Ballast Removed From Up To 4' Length Fixtures	24.85
02 84 16 00-0012	EA	Dispose Of Leaking Polychlorinated Biphenyl (PCB) Ballast Removed From >4' To 8' Length Fixtures	48.25

02 84 33 Removal and Disposal of Polychlorinated Biphenyls *(02 84)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 84 33 00-0001		Removal And Disposal Of Polychlorinated Biphenyls Oil Filled Transformers *(02 84 33)* Note: Includes disposal in approved container, rigging, manifesting, hauling, etc.		
02 84 33 00-0002	EA	Removal And Disposal Of Transformers 2.5/3.5 KVA, Non-Polychlorinated Biphenyl (PCB) Note: Includes disposal costs.	5,766.80	
02 84 33 00-0003	EA	Removal And Disposal Of Transformers 20 KVA, Non-Polychlorinated Biphenyl (PCB) Note: Includes disposal costs.	9,120.95	
02 84 33 00-0004	EA	Removal And Disposal Of Switch, Non-Polychlorinated Biphenyl (PCB)	2,352.77	
02 84 33 00-0005	EA	Removal And Disposal Of Transformers 2.5/3.5 KVA, Polychlorinated Biphenyl (PCB) Note: Includes disposal costs.	11,136.46	
02 84 33 00-0006	EA	Removal And Disposal Of Switch, Polychlorinated Biphenyl (PCB)	4,275.11	
02 84 33 00-0007	EA	Removal And Disposal Of Transformers 20 KVA, Polychlorinated Biphenyl (PCB) Note: Includes disposal costs.	17,659.40	

02 87 Bio-Hazard Material Remediation *(02 80)*

See CSI section 01 74 19 00-0043 for hauling in excess of 25 miles to transfer or disposal site.

02 87 13 Mold Remediation *(02 87)*

Note: All unit pricing in this section includes: materials, equipment, mobilization, preparation, removal, clean-up, vacuuming, transportation for up to 25 miles, disposal, monitoring (personnel and air), sampling/testing, fees, documentation and other associated costs necessary for the complete removal and disposal of mold in accordance with EPA, OSHA, IICRC standards and local regulations. Where types of Mold are listed by quantity, the quantity of the entire project, not a particular work area of building, is to be used in determining which tasks apply. For certain types of work, there is a task with a unit of measure of SET for a quantity of less than 100 LF or SF (Up to 25 LF for Mold Abatement pipe insulation), followed by a series of tasks for other quantities. For those tasks the contractor will be paid the first task with a unit of measure of EA, plus an additional task to arrive at the appropriate quantity for the project. See CSI section 01 56 16 00-0001 for temporary stud walls, 01 74 19 00-0064 for hauling in excess of 25 miles to transfer or disposal site, 02 89 00 00-0003 for plastic sheeting for containment construction, 02 89 00 00-0010 for decontamination chambers.

02 87 13 33 Removal and Disposal of Materials with Mold *(02 87 13)*

CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 87 13 33-0001		Pipe And Pipe Fittings Insulation, Mold Abatement And Disposal *(02 87 13 33)* Note: Treat fittings as additional lf of insulation.		
02 87 13 33-0002		Pipe Insulation, Mold Abatement And Disposal *(02 87 13 33-0001)* Note: Diameter is outer size of insulation.		
02 87 13 33-0003		Up To 6" Diameter Pipe Insulation, Mold Abatement And Disposal *(02 87 13 33-0002)* Note: Excludes encased fittings.		
02 87 13 33-0004	SET	Up To 20 LF, Up To 6" Diameter Pipe Insulation, Mold Abatement And Disposal	836.96	
02 87 13 33-0005	LF	>20 To 250 LF, Up To 6" Diameter Pipe Insulation, Mold Abatement And Disposal	32.48	
02 87 13 33-0006	LF	>250 To 500 LF, Up To 6" Diameter Pipe Insulation, Mold Abatement And Disposal	24.49	
02 87 13 33-0007	LF	>500 To 2,500 LF, Up To 6" Diameter Pipe Insulation, Mold Abatement And Disposal	18.49	
02 87 13 33-0008	LF	>2,500 To 10,000 LF, Up To 6" Diameter Pipe Insulation, Mold Abatement And Disposal	13.99	
02 87 13 33-0009	LF	>10,000 LF, Up To 6" Diameter Pipe Insulation, Mold Abatement And Disposal	12.23	
02 87 13 33-0010		>6" Diameter Pipe Insulation, Mold Abatement And Disposal *(02 87 13 33-0002)*		
02 87 13 33-0011	SET	Up To 20 LF, >6" Diameter Pipe Insulation, Mold Abatement And Disposal	867.69	
02 87 13 33-0012	LF	>20 To 250 LF, >6" Diameter Pipe Insulation, Mold Abatement And Disposal	38.81	
02 87 13 33-0013	LF	>250 To 500 LF, >6" Diameter Pipe Insulation, Mold Abatement And Disposal	29.62	
02 87 13 33-0014	LF	>500 To 2,500 LF, > 6" Diameter Pipe Insulation, Mold Abatement And Disposal	22.73	
02 87 13 33-0015	LF	>2,500 To 10,000 LF, >6" Diameter Pipe Insulation, Mold Abatement And Disposal	17.55	
02 87 13 33-0016	LF	>10,000 LF, > 6" Diameter Pipe Insulation, Mold Abatement And Disposal	15.54	
02 87 13 33-0017		Thermal Insulation, Mold Abatement And Disposal *(02 87 13 33)*		
02 87 13 33-0018		Other Thermal Insulation, Up To 3" Thick, Mold Abatement And Disposal *(02 87 13 33-0017)*		
02 87 13 33-0019	SET	Up To 50 SF, Up To 3" Thick Thermal Insulation, Mold Abatement And Disposal	852.32	
02 87 13 33-0020	SF	>50 To 500 SF, Up To 3" Thick Thermal Insulation, Mold Abatement And Disposal	18.89	
02 87 13 33-0021	SF	>500 To 2,500 SF, Up To 3" Thick Thermal Insulation, Mold Abatement And Disposal	14.29	
02 87 13 33-0022	SF	>2,500 To 10,000 SF, Up To 3" Thick Other Thermal Insulation, Mold Abatement And Disposal	10.84	
02 87 13 33-0023	SF	>10,000 SF, Up To 3" Thick Thermal Insulation, Mold Abatement And Disposal	8.43	
02 87 13 33-0024		Surfacing Material, Mold Abatement And Disposal *(02 87 13 33)* Note: e.g. fireproofing, acoustical plaster, etc.		
02 87 13 33-0025		Stucco, Mold Abatement And Disposal *(02 87 13 33-0024)* Note: Remove surface coat from brown coat or remove entire assembly, including lath.		
02 87 13 33-0026	SET	Up To 50 SF, Stucco, Mold Abatement And Disposal	843.79	
02 87 13 33-0027	SF	>50 To 500 SF, Stucco, Mold Abatement And Disposal	18.72	
02 87 13 33-0028	SF	>500 To 2,500 SF, Stucco, Mold Abatement And Disposal	14.12	
02 87 13 33-0029	SF	>2,500 To 10,000 SF, Stucco, Mold Abatement And Disposal	10.67	
02 87 13 33-0030	SF	>10,000 SF, Stucco, Mold Abatement And Disposal	8.11	
02 87 13 33-0031		Acoustical Plaster, Mold Abatement And Disposal *(02 87 13 33-0024)* Note: Remove surface coat from brown coat or remove entire assembly, including lath.		
02 87 13 33-0032	SET	Up To 50 SF, Acoustical Plaster, Mold Abatement And Disposal	843.79	
02 87 13 33-0033	SF	>50 To 500 SF, Acoustical Plaster, Mold Abatement And Disposal	18.72	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 87 13 33-0034	SF	>500 To 2,500 SF, Acoustical Plaster, Mold Abatement And Disposal	14.12	
02 87 13 33-0035	SF	>2,500 To 10,000 SF, Acoustical Plaster, Mold Abatement And Disposal	10.67	
02 87 13 33-0036	SF	>10,000 SF, Acoustical Plaster, Mold Abatement And Disposal	8.11	
02 87 13 33-0037		**Gypsum Board, Mold Abatement And Disposal** *(02 87 13 33-0024)*		
02 87 13 33-0038	SET	Up To 100 SF, Gypsum Board, Mold Abatement And Disposal	860.87	
02 87 13 33-0039	SF	>100 To 500 SF, Gypsum Board, Mold Abatement And Disposal	6.28	
02 87 13 33-0040	SF	>500 To 2,500 SF, Gypsum Board, Mold Abatement And Disposal	4.99	
02 87 13 33-0041	SF	>2,500 To 10,000 SF, Gypsum Board, Mold Abatement And Disposal	3.96	
02 87 13 33-0042	SF	>10,000 SF, Gypsum Board, Mold Abatement And Disposal	2.93	
02 87 13 33-0043		**Fireproofing, Mold Abatement And Disposal** *(02 87 13 33-0024)* Note: Exposed surface area, includes associated overspray.		
02 87 13 33-0044	SET	Up To 50 SF, Fireproofing, Mold Abatement And Disposal	852.32	
02 87 13 33-0045	SF	>50 To 500 SF, Fireproofing, Mold Abatement And Disposal	25.82	
02 87 13 33-0046	SF	>500 To 2,500 SF, Fireproofing, Mold Abatement And Disposal	19.52	
02 87 13 33-0047	SF	>2,500 To 10,000 SF, Fireproofing, Mold Abatement And Disposal	14.77	
02 87 13 33-0048	SF	>10,000 SF, Fireproofing, Mold Abatement And Disposal	11.20	
02 87 13 33-0049		**Flooring, Mold Abatement And Disposal** *(02 87 13 33)* Note: Includes cove base.		
02 87 13 33-0050		**Floor Tile Or Linoleum, Mold Abatement And Disposal** *(02 87 13 33-0049)*		
02 87 13 33-0051		**Floor Tile Or Linoleum, Mold Abatement And Disposal** *(02 87 13 33-0050)* Note: Single layer or first of multiple layers.		
02 87 13 33-0052	SET	Up To 100 SF, Single Layer Or First Of Multiple Layers, Floor Tile Or Linoleum, Mold Abatement And Disposal	860.87	
02 87 13 33-0053	SF	>100 To 500 SF, Single Layer Or First Of Multiple Layers, Floor Tile Or Linoleum, Mold Abatement And Disposal	6.25	
		For Each Additional Layer, Add	*1.56*	
02 87 13 33-0054	SF	>500 To 2,500 SF, Single Layer Or First Of Multiple Layers, Floor Tile Or Linoleum, Mold Abatement And Disposal	3.52	
		For Each Additional Layer, Add	*0.88*	
02 87 13 33-0055	SF	>2,500 To 10,000 SF, Single Layer Or First Of Multiple Layers, Floor Tile Or Linoleum, Mold Abatement And Disposal	2.06	
		For Each Additional Layer, Add	*0.52*	
02 87 13 33-0056	SF	>10,000 SF, Single Layer Or First Of Multiple Layers, Floor Tile Or Linoleum, Mold Abatement And Disposal	1.61	
		For Each Additional Layer, Add	*0.40*	
02 87 13 33-0057		**Carpet, Mold Abatement And Disposal** *(02 87 13 33-0049)*		
02 87 13 33-0058		**Carpet, Glue Down, Mold Abatement And Disposal** *(02 87 13 33-0057)*		
02 87 13 33-0059	SET	Up To 100 SF, Carpet, Glue Down, Mold Abatement And Disposal	860.87	
02 87 13 33-0060	SF	>100 To 500 SF, Carpet, Glue Down, Mold Abatement And Disposal	5.20	
02 87 13 33-0061	SF	>500 To 2,500 SF, Carpet, Glue Down, Mold Abatement And Disposal	3.29	
02 87 13 33-0062	SF	>2,500 To 10,000 SF, Carpet, Glue Down, Mold Abatement And Disposal	2.22	
02 87 13 33-0063	SF	>10,000 SF, Carpet, Glue Down, Mold Abatement And Disposal	1.72	
02 87 13 33-0064		**Carpet, Padded With Tack Strips, Mold Abatement And Disposal** *(02 87 13 33-0057)*		
02 87 13 33-0065	SET	Up To 100 SF, Carpet And Pad, Mold Abatement And Disposal Note: Includes tack strips.	860.87	
02 87 13 33-0066	SF	>100 To 500 SF, Carpet And Pad, Mold Abatement And Disposal Note: Includes tack strips.	5.85	
02 87 13 33-0067	SF	>500 To 2,500 SF, Carpet And Pad, Mold Abatement And Disposal Note: Includes tack strips.	4.28	
02 87 13 33-0068	SF	>2,500 To 10,000 SF, Carpet And Pad, Mold Abatement And Disposal Note: Includes tack strips.	3.41	
02 87 13 33-0069	SF	>10,000 SF, Carpet And Pad, Mold Abatement And Disposal Note: Includes tack strips.	2.63	
02 87 13 33-0070		**Subflooring, Mold Abatement And Disposal** *(02 87 13 33-0049)*		
02 87 13 33-0071	SET	Up To 75 SF, Subflooring, Mold Abatement And Disposal	852.32	
02 87 13 33-0072	SF	>75 To 500 SF, Subflooring, Mold Abatement And Disposal	7.18	
02 87 13 33-0073	SF	>500 To 2,500 SF, Subflooring, Mold Abatement And Disposal	4.62	
02 87 13 33-0074	SF	>2,500 To 10,000 SF, Subflooring, Mold Abatement And Disposal	2.81	
02 87 13 33-0075	SF	>10,000 SF, Subflooring, Mold Abatement And Disposal	1.81	
02 87 13 33-0076		**Siding, Mold Abatement And Disposal** *(02 87 13 33)*		
02 87 13 33-0077		**Interior Paneling, Mold Abatement And Disposal** *(02 87 13 33-0076)* Note: Includes detachment of mounted objects before removal.		
02 87 13 33-0078	SET	Up To 100 SF, Interior Paneling, Mold Abatement And Disposal Note: Includes detachment of mounted objects before removal.	860.87	
02 87 13 33-0079	SF	>100 To 500 SF, Interior Paneling, Mold Abatement And Disposal Note: Includes detachment of mounted objects before removal.	6.23	
02 87 13 33-0080	SF	>500 To 2,500 SF, Interior Paneling, Mold Abatement And Disposal Note: Includes detachment of mounted objects before removal.	4.39	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 87 13 33-0081	SF	>2,500 To 10,000 SF, Interior Paneling, Mold Abatement And Disposal Note: Includes detachment of mounted objects before removal.	2.59	
02 87 13 33-0082	SF	>10,000 SF, Interior Paneling, Mold Abatement And Disposal Note: Includes detachment of mounted objects before removal.	2.00	
02 87 13 33-0083		Exterior Siding, Mold Abatement And Disposal *(02 87 13 33-0076)*		
02 87 13 33-0084	SET	Up To 100 SF, Exterior Siding Board, Mold Abatement And Disposal	860.87	
02 87 13 33-0085	SF	>100 To 500 SF, Exterior Siding Board, Mold Abatement And Disposal	7.72	
02 87 13 33-0086	SF	>500 To 2,500 SF, Exterior Siding Board, Mold Abatement And Disposal	5.38	
02 87 13 33-0087	SF	>2,500 To 10,000 SF, Exterior Siding Board, Mold Abatement And Disposal	3.65	
02 87 13 33-0088	SF	>10,000 SF, Exterior Siding Board, Mold Abatement And Disposal	3.29	
02 87 13 33-0089		Contaminated Debris, Mold Abatement And Disposal *(02 87 13 33)*		
02 87 13 33-0090		Contaminated Debris, Mold Abatement And Disposal *(02 87 13 33-0089)*		
02 87 13 33-0091	SET	Up To 20 CF, Contaminated Debris, Mold Abatement And Disposal	867.69	
02 87 13 33-0092	CF	>20 To 100 CF, Contaminated Debris, Mold Abatement And Disposal	30.64	
02 87 13 33-0093	CF	>100 To 250 CF, Contaminated Debris, Mold Abatement And Disposal	21.12	
02 87 13 33-0094	CF	>250 To 500 CF, Contaminated Debris, Mold Abatement And Disposal	16.34	
02 87 13 33-0095	CF	>500 To 2,500 CF, Contaminated Debris, Mold Abatement And Disposal	13.49	
02 87 13 33-0096	CF	>2,500 To 10,000 CF, Contaminated Debris, Mold Abatement And Disposal	8.30	
02 87 13 33-0097	CF	>10,000 CF, Contaminated Debris, Mold Abatement And Disposal	7.66	
02 87 13 33-0098		Other Mold Containing Materials, Mold Abatement And Disposal *(02 87 13 33)*		
02 87 13 33-0099		Wood Studs, Mold Abatement And Disposal *(02 87 13 33-0098)* Note: 2" x 4" or 2" x 6" exposed studs in walls. Excludes surfacing material.		
02 87 13 33-0100	SET	Up To 100 LF, Wood Studs, Mold Abatement And Disposal	430.43	
02 87 13 33-0101	LF	>100 To 500 LF, Wood Studs, Mold Abatement And Disposal	3.50	
02 87 13 33-0102	LF	>500 To 2,500 LF, Wood Studs, Mold Abatement And Disposal	2.61	
02 87 13 33-0103	LF	>2,500 To 10,000 LF, Wood Studs, Mold Abatement And Disposal	2.04	
02 87 13 33-0104	LF	>10,000 LF, Wood Studs, Mold Abatement And Disposal	1.56	
02 87 13 33-0105		Ceiling Tile, Mold Abatement And Disposal *(02 87 13 33-0098)* Note: e.g. grid, spline, or glued on; 12" x 12" to 2' x 4'.		
02 87 13 33-0106	SET	Up To 100 SF, Ceiling Tile, Mold Abatement And Disposal	860.87	
02 87 13 33-0107	SF	>100 To 1,000 SF, Ceiling Tile, Mold Abatement And Disposal	10.67	
02 87 13 33-0108	SF	>1,000 To 2,500 SF, Ceiling Tile, Mold Abatement And Disposal	5.05	
02 87 13 33-0109	SF	>2,500 To 10,000 SF, Ceiling Tile, Mold Abatement And Disposal	3.65	
02 87 13 33-0110	SF	>10,000 To 25,000 SF, Ceiling Tile, Mold Abatement And Disposal	3.60	
02 87 13 33-0111	SF	>25,000 To 50,000 SF, Ceiling Tile, Mold Abatement And Disposal	3.52	
02 87 13 33-0112	SF	>50,000 To 100,000 SF, Ceiling Tile, Mold Abatement And Disposal	3.10	
02 87 13 33-0113	SF	>100,000 SF, Ceiling Tile, Mold Abatement And Disposal	2.71	
02 87 13 33-0114		Caulking, Mold Abatement And Disposal *(02 87 13 33-0098)*		
02 87 13 33-0115	SET	Up To 20 LF, Caulking, Mold Abatement And Disposal	207.25	
02 87 13 33-0116	LF	>20 To 50 LF, Caulking, Mold Abatement And Disposal	4.17	
02 87 13 33-0117	LF	>50 To 100 LF, Caulking, Mold Abatement And Disposal	2.98	
02 87 13 33-0118	LF	>100 To 250 LF, Caulking, Mold Abatement And Disposal	2.27	
02 87 13 33-0119	LF	>250 To 1,000 LF, Caulking, Mold Abatement And Disposal	1.69	
02 87 13 33-0120	LF	>1,000 To 2,500 LF, Caulking, Mold Abatement And Disposal	1.37	
02 87 13 33-0121	LF	>2,500 LF, Caulking, Mold Abatement And Disposal	1.18	
02 87 13 33-0122		Wipe Down Walls, Ceilings And Floors *(02 87 13 33-0098)*		
02 87 13 33-0123	CSF	Wipe Down Floors With Mild Bleach Solution	22.98	
		For >25 To 50, Deduct	*-2.30*	
		For >50 To 200, Deduct	*-5.74*	
		For >200, Deduct	*-9.18*	
02 87 13 33-0124	CSF	Wipe Down Walls With Mild Bleach Solution	27.03	
		For >25 To 50, Deduct	*-2.70*	
		For >50 To 200, Deduct	*-6.75*	
		For >200, Deduct	*-10.80*	
02 87 13 33-0125	CSF	Wipe Down Ceilings With Mild Bleach Solution	30.76	
		For >25 To 50, Deduct	*-3.07*	
		For >50 To 200, Deduct	*-7.69*	
		For >200, Deduct	*-12.30*	
02 87 13 33-0126	CSF	Wipe Down Countertops With Mild Bleach Solution	25.07	
		For >25 To 50, Deduct	*-2.51*	
02 87 13 33-0127	CSF	Wipe Down Other Surfaces With Mild Bleach Solution	31.82	
		For >25 To 50, Deduct	*-3.18*	
		For >50 To 200, Deduct	*-7.95*	
		For >200, Deduct	*-12.72*	

02 87 16 Excrement Removal *(02 87)*

Note: Includes materials, equipment, mobilization, preparation, critical barriers (e.g. electrical outlets, registers, windows, etc.),

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

signage, removal, clean-up, vacuuming, disposal, personnel health monitoring, documentation and other associated costs necessary for the complete removal and disposal of the contaminated material in accordance with EPA and local regulations. The quantity of the entire project, not a particular work area, is to be used in determining which tasks apply. There is a task with a unit of measure of EA for a quantity of less than 10 SF, followed by a series of tasks for additional quantities. For those tasks, the contractor will be paid the first task with a unit of measure of EA, plus each additional task in sequence to arrive at the total quantity for the entire project, not a particular work area.

02 87 16 13 Bird Excrement Removal *(02 87 16)*

02 87 16 13-0001 Bird Waste Removal *(02 87 16 13)*

Note: In addition to items listed the Bio-Hazard Material Remediation note above, includes wetting agents and disinfection of contaminated surfaces.

02 87 16 13-0002	EA	Up To 10 SF Bird Waste Removal, Up To 3" Thickness	826.71	
		For Work In Restricted Working Space, Add	*248.01*	
02 87 16 13-0003	SF	>10 To 500 SF Bird Waste Removal, Up To 3" Thickness	13.78	
		For Work In Restricted Working Space, Add	*4.13*	
02 87 16 13-0004	SF	>500 To 2,500 SF Bird Waste Removal, Up To 3" Thickness	12.53	
		For Work In Restricted Working Space, Add	*3.76*	
02 87 16 13-0005	SF	>2,500 To 10,000 SF Bird Waste Removal, Up To 3" Thickness	11.38	
		For Work In Restricted Working Space, Add	*3.41*	
02 87 16 13-0006	SF	>10,000 SF Bird Waste Removal, Up To 3" Thickness	10.35	
		For Work In Restricted Working Space, Add	*3.11*	

02 89 Hazmat Ancillary Tasks and Support *(02 80)*

02 89 00 00-0001 Barriers And Protection *(02 89)*

Note: Includes removal and disposal after use.

02 89 00 00-0002 Isolation Barriers *(02 89 00 00-0001)*

See CSI section 01 56 16 00-0001 for temporary stud walls.

02 89 00 00-0003 Hazmat Containment Construction Plastic Sheeting *(02 89 00 00-0001)*

02 89 00 00-0004	SF	6 Mil Plastic Sheeting, Applied To Floors, Hazmat Containment Construction	0.50	
02 89 00 00-0005	SF	6 Mil Plastic Sheeting, Applied To Walls, Hazmat Containment Construction	0.66	
02 89 00 00-0006	SF	6 Mil Plastic Sheeting, Applied To Ceilings, Hazmat Containment Construction	0.88	
02 89 00 00-0007	SF	6 Mil Plastic Fire Retardant, Anti-static Sheeting, Applied To Floors, Hazmat Containment Construction	0.69	
02 89 00 00-0008	SF	6 Mil Plastic Fire Retardant, Anti-static Retardant Sheeting, Applied To Walls, Hazmat Containment Construction	0.87	
02 89 00 00-0009	SF	6 Mil Plastic Fire Retardant, Anti-static Retardant Sheeting, Applied To Ceilings, Hazmat Containment Construction	1.13	

02 89 00 00-0010 Decontamination Chambers *(02 89)*

Note: Includes removal after use.

02 89 00 00-0011	EA	3 Stage Portable Personnel Decontamination Wash Facility Note: Includes connection to negative air system.	1,011.16	
02 89 00 00-0012	EA	5 Stage Portable Personnel Decontamination Wash Facility Note: Includes connection to negative air system.	1,191.77	
02 89 00 00-0013	EA	Portable Waste Decontamination Unit Note: Includes connection to negative air system.	617.08	

END OF SECTION 02

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

03 Concrete

03 01 Maintenance of Concrete *(03)*

03 01 30 Maintenance of Cast-In-Place Concrete *(03 01)*

03 01 30 51 Cleaning of Cast-In-Place Concrete *(03 01 30)*

03 01 30 51-0001 Abrasive Blasting *(03 01 30 51)*

Note: Includes containment and clean-up of all material. Includes steel ball media.

03 01 30 51-0002	SF	Concrete Floors, Abrasive Shot (Bead) Blasting		4.15	
		For Up To 100, Add		*3.66*	
		For >100 To 250, Add		*0.92*	
		For >250 To 500, Add		*0.46*	
		For >5,000 To 10,000, Deduct		*-0.09*	
		For >10,000, Deduct		*-0.18*	
03 01 30 51-0003	SF	Concrete Walls, Abrasive Shot (Bead) Blasting		5.96	
		For Up To 100, Add		*7.28*	
		For >100 To 250, Add		*1.82*	
		For >250 To 500, Add		*0.91*	
		For >5,000 To 10,000, Deduct		*-0.18*	
		For >10,000, Deduct		*-0.36*	

03 01 30 71 Rehabilitation of Cast-In-Place Concrete *(03 01 30)*

03 01 30 71-0001 Concrete Resurfacing/Repair *(03 01 30 71)*

See CSI section 09 01 90 52-0002 for surface preparation as required.

03 01 30 71-0002 Concrete Floor Resurfacing *(03 01 30 71-0001)*

03 01 30 71-0003	SF	Up To 1" Concrete Surface Patch/Repair		16.68
03 01 30 71-0004	SF	> 1" To 2" Concrete Surface Patch/Repair		23.17
03 01 30 71-0005	SF	> 2" To 3" Concrete Surface Patch/Repair		30.50
03 01 30 71-0006	SF	> 3" To 4" Concrete Surface Patch/Repair		42.88
03 01 30 71-0007	SF	1/4" Interior Floor Self-leveling, Colored Cementitious Topping		5.32
03 01 30 71-0008	SF	1/2" Interior Floor Self-leveling, Colored Cementitious Topping		7.22
03 01 30 71-0009	SF	1" Interior Floor Self-leveling, Colored Cementitious Topping		13.24

03 01 30 71-0010 Concrete Repair *(03 01 30 71-0001)*

03 01 30 71-0011 Decks Or Floors *(03 01 30 71-0010)*

Note: Includes bonding agent and sealant. Excludes saw cutting, sand blasting and forming.

03 01 30 71-0012	SF	Patch Decks Or Floors With 1/8" To 1/4" Thick Cementitious Mortar		8.14
03 01 30 71-0013	SF	Patch Decks Or Floors With 1/8" To 1/4" Thick Epoxy Cementitious Mortar		24.94
03 01 30 71-0014	SF	Patch Decks Or Floors With White Aluminum Oxide Grit (Non-Slip Aggregate)		0.71

03 01 30 71-0015 Verticals Or Overheads *(03 01 30 71-0010)*

Note: Includes bonding agent and sealant. Excludes saw cutting, sand blasting and forming.

03 01 30 71-0016	SF	Patch Verticals Or Overheads With 1/8" To 1/4" Thick Cementitious Mortar		12.23
03 01 30 71-0017	SF	Patch Verticals Or Overheads With 1/8" To 1/4" Thick Epoxy Cementitious Mortar		34.64
03 01 30 71-0018	SF	Patch Verticals Or Overheads With 1/8" To 1/4" Thick Latex Cementitious Mortar		38.87
03 01 30 71-0019	SF	Patch Verticals Or Overheads With 1/8" To 1/4" Thick Elastomeric Compound		10.22
03 01 30 71-0020	SF	Patch Verticals Or Overheads With 1/8" To 1/4" Thick Copolymer Cementitious Compound Note: Rapid Set - WunderFixx		17.89

03 01 30 71-0021 Crack Repair For Concrete *(03 01 30 71-0001)*

03 01 30 71-0022 Non-Structural Crack Repair For Concrete *(03 01 30 71-0021)*

03 01 30 71-0023 Surface Applied, Non-Structural Crack Repair For Concrete *(03 01 30 71-0022)*

Note: Includes removing all debris and contaminants accessible within the crack using hand tools, water blasting, compressed air or vacuuming. Includes installing sealer with caulk gun, cartridge gun, squeeze bottle, etc. Excludes backer rod and sanding.

03 01 30 71-0024	LF	Up To 1/4" Wide, Latex Emulsion, Gravity Fed Non-Structural Crack Repair For Concrete, Surface Applied With Squeeze Tube (Quikrete® Concrete Crack Seal)		7.60
		For V-Grooving Crack With Grinder, Add	*6.09*	
03 01 30 71-0025	LF	>1/4" To 1/2" Wide, Latex Emulsion, Gravity Fed Non-Structural Crack Repair For Concrete, Surface Applied With Squeeze Tube (Quikrete® Concrete Crack Seal)		9.93
		For V-Grooving Crack With Grinder, Add	*5.95*	
03 01 30 71-0026	LF	Up To 1/4" Wide, Sanded Acrylic Latex, Gravity Fed Non-Structural Crack Repair For Concrete, Surface Applied With Caulk Gun (Quikrete® Concrete Repair)		7.74
		For V-Grooving Crack With Grinder, Add	*6.09*	
03 01 30 71-0027	LF	>1/4" To 1/2" Wide, Sanded Acrylic Latex, Gravity Fed Non-Structural Crack Repair For Concrete, Surface Applied With Caulk Gun (Quikrete® Concrete Repair)		10.21
		For V-Grooving Crack With Grinder, Add	*5.95*	
03 01 30 71-0028	LF	Up To 1/4" Wide, Self Leveling Polyurethane Sealant, Gravity Fed Non-Structural Crack Repair For Concrete, Surface Applied With Cartridge Tool (Sikaflex® Self-Leveling Sealant)		8.25
		For V-Grooving Crack With Grinder, Add	*6.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 01 30 71-0029	LF	>1/4" To 1/2" Wide, Self Leveling Polyurethane Sealant, Gravity Fed Non-Structural Crack Repair For Concrete, Surface Applied With Cartridge Tool (Sikaflex® Self-Leveling Sealant)	11.22	
		For V-Grooving Crack With Grinder, Add	*5.95*	
03 01 30 71-0030	LF	Up To 1/4" Wide, Non-Sag Elastomeric Polyurethane Sealant, Gravity Fed Non Structural Crack Repair For Concrete, Surface Applied With Cartridge Tool (Sikaflex® Concrete Fix)	8.62	
		For V-Grooving Crack With Grinder, Add	*6.09*	
03 01 30 71-0031	LF	>1/4" To 1/2" Wide, Non-Sag Elastomeric Polyurethane Sealant, Gravity Fed Non Structural Crack Repair For Concrete, Surface Applied With Cartridge Tool (Sikaflex® Concrete Fix)	11.96	
		For V-Grooving Crack With Grinder, Add	*5.95*	
03 01 30 71-0032		**Pressure Injected, Non-Structural Crack Repair For Concrete** *(03 01 30 71-0022)* Note: Includes removing all debris and contaminants accessible within the crack using hand tools, water blasting, compressed air or vacuuming. Includes installing injection ports, sealing the crack opening (one side only), injecting the crack with polyurethane and restoring the sealed surface to flush conditions. Excludes disposal.		
03 01 30 71-0033	LF	Up To 1/4" Wide, Water Activated Polyurethane Foam Grout, Non-Structural Crack Repair For Concrete, Installed With Automated Injection Equipment (SealBoss 1570)	32.41	
		For Cracks Accessible From Both Sides, Add	*6.59*	
03 01 30 71-0034		**Structural Crack Repair For Concrete** *(03 01 30 71-0021)*		
03 01 30 71-0035		**Surface Applied, Structural Crack Repair For Concrete** *(03 01 30 71-0034)* Note: Includes removing all debris and contaminants accessible within the crack using hand tools, water blasting, compressed air or vacuuming. Excludes disposal.		
03 01 30 71-0036	LF	Up To 1/4" Wide, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack Repair For Concrete, Surface Applied With Trowel (Sikadur® 35)	8.71	
		For V-Grooving Crack With Grinder, Add	*6.09*	
03 01 30 71-0037	LF	>1/4" To 1/2" Wide, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack Repair For Concrete, Surface Applied With Trowel (Sikadur® 35)	12.15	
		For V-Grooving Crack With Grinder, Add	*5.95*	
03 01 30 71-0038	LF	Up To 1/4" Wide, Moisture Tolerant, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack Repair For Concrete, Surface Applied Trowel (Sikadur® 52)	8.52	
		For V-Grooving Crack With Grinder, Add	*6.09*	
03 01 30 71-0039	LF	>1/4" To 1/2" Wide, Moisture Tolerant, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack Repair For Concrete, Surface Applied With Trowel (Sikadur® 52)	11.75	
		For V-Grooving Crack With Grinder, Add	*5.95*	
03 01 30 71-0040	LF	Up To 1/4" Wide, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack Repair For Concrete, Surface Applied With Caulk Gun (Sikadur® Crack Fix)	10.16	
		For V-Grooving Crack With Grinder, Add	*6.09*	
03 01 30 71-0041	LF	>1/4" To 1/2" Wide, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack Repair For Concrete, Surface Applied With Caulk Gun (Sikadur® Crack Fix)	15.06	
		For V-Grooving Crack With Grinder, Add	*5.95*	
03 01 30 71-0042		**Pressure Injected, Structural Crack Repair For Concrete** *(03 01 30 71-0034)* Note: Includes removing all debris and contaminants accessible within the crack using hand tools, water blasting, compressed air or vacuuming. Includes installing injection ports, sealing the crack opening (one side only), injecting the crack with epoxy and restoring the sealed surface to flush conditions. Excludes disposal.		
03 01 30 71-0043	LF	Up To 1/4" Wide, Low Viscosity, High Strength Epoxy Resin, Structural Crack Repair For Concrete, Installed With Automated Injection Equipment (Sikadur® 35)	28.45	
		For Cracks Accessible From Both Sides, Add	*6.59*	
03 01 30 71-0044	LF	Up To 1/4" Wide, Moisture Tolerant, Low Viscosity, High Strength Epoxy Resin, Structural Crack Repair For Concrete, Installed With Automated Injection Equipment (Sikadur® 52)	28.25	
		For Cracks Accessible From Both Sides, Add	*6.59*	
03 01 30 71-0045		**Concrete Rehabilitation** *(03 01 30 71)*		
03 01 30 71-0046		**Corrosive Inhibitor** *(03 01 30 71-0045)*		
03 01 30 71-0047	SF	Corrosive Inhibitor	1.73	
03 01 30 71-0048		**Concrete Repair, Bonding And Coating** *(03 01 30 71)*		
03 01 30 71-0049		**Liquid Mineral Coats** *(03 01 30 71-0048)* Note: As manufactured by Keim Mineral Systems or equal.		
03 01 30 71-0050	SF	Concretal System / Primer, Base And Finish	2.25	
03 01 30 71-0051	SF	Concretal Grob/Primer, Base And Concretal Finish	2.59	
03 01 30 71-0052	SF	Concretal Lasur - System / Base And Stain Finish	2.21	
		For Translucent Finish, Add	*0.55*	
03 01 30 71-0053		**Concrete Repair System** *(03 01 30 71-0048)* Note: As manufactured by Keim Mineral Systems or equal.		
03 01 30 71-0054	SF	Concrete Cleaner And Remover	0.44	
03 01 30 71-0055	SF	Chlor-Rid - Salt Remover	0.39	
03 01 30 71-0056	SF	Concretal Bonding Agent	0.66	
03 01 30 71-0057		**Concrete Corrosion Protective Coating** *(03 01 30 71-0048)* Note: As manufactured by Keim Mineral Systems or equal.		
03 01 30 71-0058	SF	Concretal Corrosion Protector Coating	0.63	

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

03 01 30 72 Strengthening Of Cast-in-Place Concrete *(03 01 30)*

03 01 30 72-0001 Concrete Surface Repairs *(03 01 30 72)*

03 01 30 72-0002	SF	Sound The Concrete Surface To Locate Delaminated Areas		0.48	

03 05 Common Work Results For Concrete *(03)*

03 05 13 Concrete Admixtures *(03 05)*

03 05 13 00-0001 Concrete Admixtures *(03 05 13)*

03 05 13 00-0002	CY	Low Range Water Reducing (LRWR), Type A Concrete Admixture		8.61	
03 05 13 00-0003	CY	Set Retarding, Type B Concrete Admixture		5.96	
03 05 13 00-0004	CY	1% Calcium Chloride Accelerating, Type C Concrete Admixture		9.27	
03 05 13 00-0005	CY	2% Calcium Chloride Accelerating, Type C Concrete Admixture		18.54	
03 05 13 00-0006	CY	1% Non-Chloride Accelerating, Type C Concrete Admixture		16.55	
03 05 13 00-0007	CY	2% Non-Chloride Accelerating, Type C Concrete Admixture		33.10	
03 05 13 00-0008	CY	1% Water Reducing and Retarding (Hydration Stabilizer), Type D Concrete Admixture		7.15	
03 05 13 00-0009	CY	2% Water Reducing and Retarding (Hydration Stabilizer), Type D Concrete Admixture		13.94	
03 05 13 00-0010	CY	1% Water Reducing and Accelerating (High Early Strength), Type E Concrete Admixture		9.93	
03 05 13 00-0011	CY	2% Water Reducing and Accelerating (High Early Strength), Type E Concrete Admixture		19.86	
03 05 13 00-0012	CY	Mid Range Water Reducing (MRWR) Superplasticizer, Type A Or E Concrete Admixture		6.62	
03 05 13 00-0013	CY	High Range Water Reducing (HRWR) Superplasticizer, Type F Concrete Admixture		15.89	
03 05 13 00-0014	CY	1 LB/CY Polyethylene, Polypropylene, Nylon, Synthetic Plastic Fibers, Concrete Admixture		14.12	
03 05 13 00-0015	CY	1-1/2 LB/CY Polyethylene, Polypropylene, Nylon, Synthetic Plastic Fibers, Concrete Admixture		21.18	
03 05 13 00-0016	CY	25 LB/CY Steel Fibers, Concrete Admixture		46.40	
03 05 13 00-0017	CY	10% Microsilica (Silica Fume), Concrete Admixture		105.92	
03 05 13 00-0018	CY	Corrosion Inhibiting Concrete Admixture		39.72	
03 05 13 00-0019	CY	Winter Service Or Heat, Concrete Add		21.18	
03 05 13 00-0020	CY	Chilled Water, Concrete Add		21.18	
03 05 13 00-0021	CY	Subtle Color (See Davis Colors Color Card), Concrete Admixture		37.77	
03 05 13 00-0022	CY	Standard Color (See Davis Colors Color Card), Concrete Admixture		62.95	
03 05 13 00-0023	CY	Premium Color (See Davis Colors Color Card), Concrete Admixture		120.86	
03 05 13 00-0024	CY	Ultra Premium Color (See Davis Colors Color Card), Concrete Admixture		167.86	

03 10 Concrete Forming and Accessories *(03)*

03 11 Concrete Forming *(03 10)*

03 11 13 Structural Cast-In-Place Concrete Forming *(03 11)*

Note: Per square foot of formwork.

03 11 13 00-0001 Wood Formwork *(03 11 13)*

Note: For job built wood and/or plywood form systems where metal framed formwork cannot be used. Includes erecting, stripping, stacking, plywood, framing lumber, oiling, studs/walers, strongbacks, deadmen, supporting braces, turnbuckles, ties, and clips.

03 11 13 00-0002 Foundation Wood Formwork *(03 11 13 00-0001)*

Note: For foundation work below or at grade.

03 11 13 00-0003	SF	Continuous Footings Foundation Wood Formwork		8.74	
		For <1,000, Add		*1.64*	
		For Foundations >8' Below Grade, Add		*1.59*	
		For Curved Formwork, Add		*3.18*	
03 11 13 00-0004	SF	Pile Cap, Pier Or Spread Footings Foundation Wood Formwork		10.42	
		For <1,000, Add		*1.97*	
		For Foundations >8' Below Grade, Add		*1.92*	
		For Curved Formwork, Add		*3.84*	
03 11 13 00-0005	SF	Mat Foundation Wood Formwork		12.08	
		For <1,000, Add		*2.31*	
		For Foundations >8' Below Grade, Add		*2.26*	
		For Curved Formwork, Add		*4.52*	
03 11 13 00-0006	SF	Grade Beams Or Duct Bank Foundation Wood Formwork		10.00	
		For <1,000, Add		*1.90*	
		For Foundations >8' Below Grade, Add		*1.85*	
		For Curved Formwork, Add		*3.69*	
03 11 13 00-0007	SF	Below Grade Walls Foundation Wood Formwork		14.18	
		Note: Excludes footing			
		For <1,000, Add		*2.69*	
		For Foundations >8' Below Grade, Add		*2.61*	
		For Curved Formwork, Add		*5.22*	

03 11 13 00-0008 Slab Edge And Block-Out Wood Formwork *(03 11 13 00-0001)*

03 11 13 00-0009	LF	Up To 6" High Slab Edge and Block-Out Wood Formwork		6.76	
		For Foundations >8' Below Grade, Add		*1.27*	
		For Curved Formwork, Add		*2.54*	
		For Up To 250, Add		*1.30*	
03 11 13 00-0010	LF	>6" To 12" High Slab Edge and Block-Out Wood Formwork		9.65	
		For Foundations >8' Below Grade, Add		*1.77*	
		For Curved Formwork, Add		*3.53*	
		For Up To 250, Add		*1.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 11 13 00-0011	SF	>12" High Slab Edge and Block-Out Wood Formwork	12.43	
		For Foundations >8' Below Grade, Add	*2.29*	
		For Curved Formwork, Add	*4.58*	
		For <1,000, Add	*2.35*	

03 11 13 00-0012 Column Wood Formwork *(03 11 13 00-0001)*

03 11 13 00-0013	LF	Up To 8" Square Column Wood Formwork	52.14	
03 11 13 00-0014	LF	>8" To 12" Square Column Wood Formwork	75.89	
03 11 13 00-0015	LF	>12" To 18" Square Column Wood Formwork	95.50	
03 11 13 00-0016	LF	>18" To 24" Square Column Wood Formwork	137.20	
03 11 13 00-0017	LF	>24" To 36" Square Column Wood Formwork	196.96	
03 11 13 00-0018	LF	>36" To 48" Square Column Wood Formwork	260.43	

03 11 13 00-0019 Above Grade Wall Wood Formwork *(03 11 13 00-0001)*

03 11 13 00-0020	SF	Up To 8' High Above Grade Wall Wood Formwork	15.87	
		For Curved Formwork, Add	*5.90*	
		For <1,000, Add	*3.02*	
03 11 13 00-0021	SF	>8' High Above Grade Wall Wood Formwork	18.80	
		For Curved Formwork, Add	*7.00*	
		For <1,000, Add	*3.59*	

03 11 13 00-0022 Elevated Beam Wood Formwork *(03 11 13 00-0001)*

Note: Includes adjustable shores and column supports and bracing lumber up to 14' for bottom of elevated beam.

03 11 13 00-0023	SF	Bottom of Elevated Beam Wood Formwork	20.89	
		For Curved Formwork, Add	*7.70*	
		For <1,000, Add	*3.96*	
03 11 13 00-0024	SF	Vertical Sides of Elevated Beam Wood Formwork	13.17	
		For Curved Formwork, Add	*4.91*	
		For <1,000, Add	*2.51*	

03 11 13 00-0025 Elevated Slab Wood Formwork *(03 11 13 00-0001)*

Note: Includes adjustable shores and column supports and bracing lumber up to 14' for bottom of elevated slab.

03 11 13 00-0026	SF	Elevated Slab Wood Formwork	12.33	
		For <1,000, Add	*2.27*	

03 11 13 00-0027 Metal Framed Formwork *(03 11 13)*

Note: For all metal framed and metal form systems. Includes erecting, stripping, stacking, oiling, studs/walers, strongbacks, deadmen, supporting braces, turnbuckles, ties, and clips.

03 11 13 00-0028 Foundation Metal Framed Formwork *(03 11 13 00-0027)*

Note: For foundation work below or at grade.

03 11 13 00-0029	SF	Continuous Footings Foundation Metal Framed Formwork	8.17	
		For <1,000, Add	*1.50*	
		For Foundations >8' Below Grade, Add	*1.43*	
		For Curved Formwork, Add	*2.86*	
03 11 13 00-0030	SF	Pile Cap, Pier Or Spread Footings Foundation Metal Framed Formwork	9.05	
		For <1,000, Add	*1.67*	
		For Foundations >8' Below Grade, Add	*1.60*	
		For Curved Formwork, Add	*3.21*	
03 11 13 00-0031	SF	Mat Foundation Metal Framed Formwork	10.13	
		For <1,000, Add	*1.85*	
		For Foundations >8' Below Grade, Add	*1.77*	
		For Curved Formwork, Add	*3.54*	
03 11 13 00-0032	SF	Grade Beams Or Duct Bank Foundation Metal Framed Formwork	8.55	
		For <1,000, Add	*1.56*	
		For Foundations >8' Below Grade, Add	*1.49*	
		For Curved Formwork, Add	*2.97*	
03 11 13 00-0033	SF	Below Grade Walls Foundation Metal Framed Formwork	13.03	
		Note: Excludes footing.		
		For <1,000, Add	*2.42*	
		For Foundations >8' Below Grade, Add	*2.33*	
		For Curved Formwork, Add	*4.66*	

03 11 13 00-0034 Slab Edge And Block-Out Metal Framed Formwork *(03 11 13 00-0027)*

03 11 13 00-0035	LF	Up To 6" High Slab Edge and Block-Out Metal Framed Formwork	5.92	
		For Foundations >8' Below Grade, Add	*1.15*	
		For Curved Formwork, Add	*2.31*	
		For <250, Add	*1.16*	
03 11 13 00-0036	LF	>6" To 12" High Slab Edge and Block-Out Metal Framed Formwork	7.41	
		For Foundations >8' Below Grade, Add	*1.43*	
		For Curved Formwork, Add	*2.87*	
		For <250, Add	*1.45*	
03 11 13 00-0037	SF	>12" High Slab Edge and Block-Out Metal Framed Formwork	8.21	
		For Foundations >8' Below Grade, Add	*1.59*	
		For Curved Formwork, Add	*3.17*	
		For <1,000, Add	*1.60*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 11 13 00-0038		**Column Metal Framed Formwork** *(03 11 13 00-0027)*		
03 11 13 00-0039		**Square Columns** *(03 11 13 00-0038)*		
03 11 13 00-0040	LF	Up To 12" Square Column Metal Framed Formwork	50.74	
03 11 13 00-0041	LF	>12" To 16" Square Column Metal Framed Formwork	61.33	
03 11 13 00-0042	LF	>16" To 20" Square Column Metal Framed Formwork	71.94	
03 11 13 00-0043	LF	>20" To 24" Square Column Metal Framed Formwork	85.95	
03 11 13 00-0044	LF	>24" To 30" Square Column Metal Framed Formwork	103.56	
03 11 13 00-0045	LF	>30" To 36" Square Column Metal Framed Formwork	124.35	
03 11 13 00-0046	LF	>36" To 48" Square Column Metal Framed Formwork	159.55	
03 11 13 00-0047	LF	>48" To 60" Square Column Metal Framed Formwork	196.80	
03 11 13 00-0048		**Round Columns** *(03 11 13 00-0038)*		
03 11 13 00-0049	LF	Up To 12" Diameter Column Metal Formwork	50.12	
03 11 13 00-0050	LF	>12" To 16" Diameter Column Metal Formwork	55.72	
03 11 13 00-0051	LF	>16" To 20" Diameter Column Metal Formwork	63.94	
03 11 13 00-0052	LF	>20" To 24" Diameter Column Metal Formwork	74.51	
03 11 13 00-0053	LF	>24" To 30" Diameter Column Metal Formwork	87.94	
03 11 13 00-0054	LF	>30" To 36" Diameter Column Metal Formwork	100.70	
03 11 13 00-0055	LF	>36" To 48" Diameter Column Metal Formwork	130.62	
03 11 13 00-0056	LF	>48" To 60" Diameter Column Metal Formwork	170.68	
03 11 13 00-0057		**Above Grade Wall Metal Framed Formwork** *(03 11 13 00-0027)*		
03 11 13 00-0058	SF	Up to 8' High Above Grade Wall Metal Framed Formwork	8.02	
		For Curved Formwork, Add	*2.65*	
		For <1,000, Add	*1.42*	
03 11 13 00-0059	SF	>8' High Above Grade Wall Metal Framed Formwork	9.81	
		For Curved Formwork, Add	*3.20*	
		For <1,000, Add	*1.72*	
03 11 13 00-0060		**Elevated Beam Metal Framed Formwork** *(03 11 13 00-0027)*		
		Note: Includes adjustable shores and column supports and bracing lumber up to 14' for bottom of elevated beam.		
03 11 13 00-0061	SF	Bottom of Elevated Beam Metal Framed Formwork	8.04	
		For Curved Formwork, Add	*2.49*	
		For <1,000, Add	*1.37*	
03 11 13 00-0062	SF	Vertical Sides of Elevated Beam Metal Framed Formwork	5.99	
		For Curved Formwork, Add	*1.95*	
		For <1,000, Add	*1.05*	
03 11 13 00-0063		**Elevated Slab Metal Framed Formwork** *(03 11 13 00-0027)*		
		Note: Includes adjustable shores and column supports and bracing lumber up to 14' for bottom of elevated slab.		
03 11 13 00-0064	SF	Elevated Slab Metal Framed Formwork	11.01	
		For <1,000, Add	*1.66*	
03 11 13 00-0065		**Fiber Tube Formwork** *(03 11 13)*		
		Note: Includes all supporting braces, erecting, aligning, stripping, turnbuckles, ties and clips.		
03 11 13 00-0066		**Round Column Fiber Tube Formwork** *(03 11 13 00-0065)*		
03 11 13 00-0067	LF	6" Diameter Round Fiber Tube Formwork	21.10	
		For Plastic Lined, Add	*0.83*	
		For Columns >12' In Length, Add	*2.11*	
03 11 13 00-0068	LF	8" Diameter Round Fiber Tube Formwork	22.29	
		For Plastic Lined, Add	*0.99*	
		For Columns >12' In Length, Add	*2.23*	
03 11 13 00-0069	LF	10" Diameter Round Fiber Tube Formwork	24.79	
		For Plastic Lined, Add	*1.19*	
		For Columns >12' In Length, Add	*2.48*	
03 11 13 00-0070	LF	12" Diameter Round Fiber Tube Formwork	30.73	
		For Plastic Lined, Add	*2.11*	
		For Columns >12' In Length, Add	*3.07*	
03 11 13 00-0071	LF	14" Diameter Round Fiber Tube Formwork	34.54	
		For Plastic Lined, Add	*2.67*	
		For Columns >12' In Length, Add	*3.45*	
03 11 13 00-0072	LF	16" Diameter Round Fiber Tube Formwork	37.66	
		For Plastic Lined, Add	*3.33*	
		For Columns >12' In Length, Add	*3.77*	
03 11 13 00-0073	LF	18" Diameter Round Fiber Tube Formwork	40.56	
		For Plastic Lined, Add	*3.89*	
		For Columns >12' In Length, Add	*4.06*	
03 11 13 00-0074	LF	20" Diameter Round Fiber Tube Formwork	46.26	
		For Plastic Lined, Add	*5.29*	
		For Columns >12' In Length, Add	*4.63*	
03 11 13 00-0075	LF	22" Diameter Round Fiber Tube Formwork	48.41	
		For Plastic Lined, Add	*5.51*	
		For Columns >12' In Length, Add	*4.84*	
03 11 13 00-0076	LF	24" Diameter Round Fiber Tube Formwork	50.86	
		For Plastic Lined, Add	*5.81*	
		For Columns >12' In Length, Add	*5.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 11 13 00-0077	LF	26" Diameter Round Fiber Tube Formwork	52.96	
		For Plastic Lined, Add	*6.27*	
		For Columns >12' In Length, Add	*5.30*	
03 11 13 00-0078	LF	28" Diameter Round Fiber Tube Formwork	55.06	
		For Plastic Lined, Add	*6.73*	
		For Columns >12' In Length, Add	*5.51*	
03 11 13 00-0079	LF	30" Diameter Round Fiber Tube Formwork	57.16	
		For Plastic Lined, Add	*7.19*	
		For Columns >12' In Length, Add	*5.72*	
03 11 13 00-0080	LF	36" Diameter Round Fiber Tube Formwork	66.09	
		For Plastic Lined, Add	*9.25*	
		For Columns >12' In Length, Add	*6.61*	
03 11 13 00-0081	LF	42" Diameter Round Fiber Tube Formwork	104.35	
		For Plastic Lined, Add	*20.28*	
		For Columns >12' In Length, Add	*10.44*	
03 11 13 00-0082	LF	48" Diameter Round Fiber Tube Formwork	127.20	
		For Plastic Lined, Add	*26.69*	
		For Columns >12' In Length, Add	*12.72*	
03 11 13 00-0083	LF	54" Diameter Round Fiber Tube Formwork	229.77	
		For Plastic Lined, Add	*56.74*	
		For Columns >12' In Length, Add	*22.98*	
03 11 13 00-0084	LF	60" Diameter Round Fiber Tube Formwork	255.93	
		For Plastic Lined, Add	*64.04*	
		For Columns >12' In Length, Add	*25.59*	

03 11 13 00-0085 Accessories For Formwork *(03 11 13)*

03 11 13 00-0086 Keyway Forms, All Materials *(03 11 13 00-0085)*

03 11 13 00-0087	LF	2" x 4" To 2" x 6" Keyway Forms for Concrete Formwork, All Materials	2.37

03 11 13 00-0088 Chamfer Strips, All Materials *(03 11 13 00-0085)*

03 11 13 00-0089	LF	1/2" Wide Chamfer Strips for Concrete Formwork, All Materials	2.50
03 11 13 00-0090	LF	3/4" Wide Chamfer Strips for Concrete Formwork, All Materials	2.90
03 11 13 00-0091	LF	1" Wide Chamfer Strips for Concrete Formwork, All Materials	3.35

03 11 13 00-0092 Strip Out Reglets For Concrete Formwork *(03 11 13 00-0085)*

03 11 13 00-0093	LF	24 To 26 Gauge Galvanized Steel, Strip Out Reglets For Concrete Formwork	12.86

03 11 13 00-0094 Sleeves And Chases, Plastic Or Sheet Metal *(03 11 13 00-0085)*

03 11 13 00-0095	EA	2" Diameter Sleeves Or Chases for Concrete Formwork, Plastic or Sheet Metal	16.60
03 11 13 00-0096	EA	4" Diameter Sleeves Or Chases for Concrete Formwork, Plastic or Sheet Metal	21.20
03 11 13 00-0097	EA	6" Diameter Sleeves Or Chases for Concrete Formwork, Plastic or Sheet Metal	25.76
03 11 13 00-0098	EA	8" Diameter Sleeves Or Chases for Concrete Formwork, Plastic or Sheet Metal	31.30
03 11 13 00-0099	EA	12" Diameter Sleeves Or Chases for Concrete Formwork, Plastic or Sheet Metal	40.92
03 11 13 00-0100	EA	18" Diameter Sleeves Or Chases for Concrete Formwork, Plastic or Sheet Metal	106.13

03 11 16 Architectural Cast-In-Place Concrete Forming *(03 11)*

03 11 16 13 Concrete Form Liners *(03 11 16)*

03 11 16 13-0001 Concrete Form Liners *(03 11 16 13)*

03 11 16 13-0002	SF	Various Patterns And Textures, 1 Use, Concrete Form Liner, Add To Formwork	6.19
03 11 16 13-0003	SF	Beveled Edge, Rusticated Concrete Finish, 1 Use, Concrete Form Liner, Add To Formwork	8.09
03 11 16 13-0004	SF	Square Edge, Rusticated Concrete Finish, 1 Use, Concrete Form Liner, Add To Formwork	10.61

03 11 23 Permanent Stair Forming *(03 11)*

03 11 23 00-0001 Stairway Wood Formwork *(03 11 23)*

03 11 23 00-0002	SF	Cast On Grade Stairway Wood Formwork	20.31
		For Curved Formwork, Add	*7.85*
		For <1,000, Add	*3.97*
03 11 23 00-0003	SF	Elevated Stairway Wood Formwork	40.10
		Note: Includes adjustable column supports and bracing lumber up to 14' for bottom of elevated stair.	
		For Curved Formwork, Add	*15.24*
		For <1,000, Add	*7.75*

03 11 23 00-0004 Stairway Metal Framed Formwork *(03 11 23)*

03 11 23 00-0005	SF	Cast On Grade Stairway Metal Framed Formwork	16.97
		For Curved Formwork, Add	*6.41*
		For <1,000, Add	*3.27*
03 11 23 00-0006	SF	Elevated Stairway Metal Framed Formwork	31.44
		Note: Includes adjustable column supports and bracing lumber up to 14' for bottom of elevated stair.	
		For Curved Formwork, Add	*11.89*
		For <1,000, Add	*6.06*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

03 15 Concrete Accessories *(03 10)*

03 15 13 Waterstops *(03 15)*

03 15 13 13 Non-Expanding Waterstops *(03 15 13)*

03 15 13 13-0001 Polyvinyl Chloride (PVC) Waterstops *(03 15 13 13)*

03 15 13 13-0002	LF	3/16" Thick x 4" Wide Ribbed Polyvinyl Chloride (PVC) Waterstop	10.75	
03 15 13 13-0003	LF	3/16" Thick x 6" Wide Ribbed Polyvinyl Chloride (PVC) Waterstop	12.42	
03 15 13 13-0004	LF	3/16" Thick x 9" Wide Ribbed Polyvinyl Chloride (PVC) Waterstop With Center Bulb	15.79	
03 15 13 13-0005	LF	3/8" Thick x 9" Wide Ribbed Polyvinyl Chloride (PVC) Waterstop With Center Bulb	17.74	
03 15 13 13-0006	LF	1/2" Thick x 9" Wide Ribbed Polyvinyl Chloride (PVC) Waterstop	30.24	
03 15 13 13-0007	LF	3/16" Thick x 6" Wide Dumbbell Polyvinyl Chloride (PVC) Waterstop	13.78	
03 15 13 13-0008	LF	3/8" Thick x 6" Wide Dumbbell Polyvinyl Chloride (PVC) Waterstop	16.64	
03 15 13 13-0009	LF	3/8" Thick x 9" Wide Plain Polyvinyl Chloride (PVC) Waterstop	33.69	
03 15 13 13-0010	LF	3/8" Thick x 9" Wide Plain Polyvinyl Chloride (PVC) Waterstop With Center Bulb	25.10	

03 15 13 13-0011 Rubber Waterstops *(03 15 13 13)*

03 15 13 13-0012	LF	3/8" Thick x 6" Wide Rubber Dumbbell Waterstop	10.31	
03 15 13 13-0013	LF	3/8" Thick x 9" Wide Rubber Dumbbell Waterstop	11.78	
03 15 13 13-0014	LF	1/4" Thick x 6" Wide Rubber Waterstop, With Center Bulb	10.65	
03 15 13 13-0015	LF	1/4" Thick x 9" Wide Rubber Waterstop, With Center Bulb	14.43	
03 15 13 13-0016	LF	3/8" Thick x 6" Wide Rubber Waterstop, With Center Bulb	12.13	
03 15 13 13-0017	LF	3/8" Thick x 9" Wide Rubber Waterstop, With Center Bulb	15.38	

03 15 13 16 Expanding Waterstops *(03 15 13)*

03 15 13 16-0001 Bentonite Waterstops *(03 15 13 16)*

03 15 13 16-0002	LF	3/4" x 3/8" Bentonite Waterstop	10.20	
03 15 13 16-0003	LF	1-1/4" x 1/2" Bentonite Waterstop	16.72	
03 15 13 16-0004	LF	1" x 3/4" Bentonite Waterstop	19.06	
03 15 13 16-0005	LF	1" x 1" Bentonite Waterstop	22.17	

03 15 16 Concrete Construction Joints *(03 15)*

03 15 16 00-0001 Poured Expansion Joint *(03 15 16)*

03 15 16 00-0002	LF	1/2" x 1" Plain Asphalt Expansion Joint, Poured	3.62	1.05
		For Installation In Walls, Add	*1.76*	
03 15 16 00-0003	LF	1" x 2" Plain Asphalt Expansion Joint, Poured	7.78	1.05
		For Installation In Walls, Add	*1.99*	
03 15 16 00-0004	LF	1/2" x 1" Liquid Neoprene Expansion Joint, Poured, Cold Applied	3.47	1.05
		For Installation In Walls, Add	*1.76*	
03 15 16 00-0005	LF	1" x 2" Liquid Neoprene Expansion Joint, Poured, Cold Applied	7.16	1.05
		For Installation In Walls, Add	*1.99*	
03 15 16 00-0006	LF	1/2" x 1" Polyurethane Expansion Joint, Poured, 2 Parts	4.73	1.05
		For Installation In Walls, Add	*1.99*	
03 15 16 00-0007	LF	1" x 2" Polyurethane Expansion Joint, Poured, Poured, 2 Parts	8.44	1.05
		For Installation In Walls, Add	*3.22*	
03 15 16 00-0008	LF	1/2" x 1" Rubberized Asphalt Expansion Joint, Poured, Hot Or Cold Applied	3.99	1.05
		For Installation In Walls, Add	*1.76*	
03 15 16 00-0009	LF	1/2" x 1" Rubberized Asphalt Expansion Joint, Poured, Hot Applied Fuel Resistant	4.84	1.05
		For Installation In Walls, Add	*1.76*	
03 15 16 00-0010	LF	1" x 2" Rubberized Asphalt Expansion Joint, Poured, Hot Applied Fuel Resistant	12.18	1.05
		For Installation In Walls, Add	*1.99*	

03 15 16 00-0011 Premolded Expansion Joints *(03 15 16)*

03 15 16 00-0012 Asphalt Saturated Fiber, Premolded Expansion Joints *(03 15 16 00-0011)*

03 15 16 00-0013	LF	1/4" x 3" Asphalt Saturated Fiber, Premolded Expansion Joint	2.59	1.19
03 15 16 00-0014	LF	1/4" x 4" Asphalt Saturated Fiber, Premolded Expansion Joint	3.00	1.25
03 15 16 00-0015	LF	1/4" x 5" Asphalt Saturated Fiber, Premolded Expansion Joint	3.25	1.31
03 15 16 00-0016	LF	1/4" x 6" Asphalt Saturated Fiber, Premolded Expansion Joint	3.51	1.37
03 15 16 00-0017	LF	3/8" x 3" Asphalt Saturated Fiber, Premolded Expansion Joint	2.85	1.19
03 15 16 00-0018	LF	3/8" x 4" Asphalt Saturated Fiber, Premolded Expansion Joint	3.21	1.25
03 15 16 00-0019	LF	3/8" x 5" Asphalt Saturated Fiber, Premolded Expansion Joint	3.63	1.31
03 15 16 00-0020	LF	3/8" x 6" Asphalt Saturated Fiber, Premolded Expansion Joint	4.23	1.37
03 15 16 00-0021	LF	1/2" x 2" Asphalt Saturated Fiber, Premolded Expansion Joint	2.58	1.13
03 15 16 00-0022	LF	1/2" x 3" Asphalt Saturated Fiber, Premolded Expansion Joint	2.81	1.19
03 15 16 00-0023	LF	1/2" x 4" Asphalt Saturated Fiber, Premolded Expansion Joint	3.10	1.25
03 15 16 00-0024	LF	1/2" x 5" Asphalt Saturated Fiber, Premolded Expansion Joint	3.35	1.31
03 15 16 00-0025	LF	1/2" x 6" Asphalt Saturated Fiber, Premolded Expansion Joint	3.65	1.37
03 15 16 00-0026	LF	1/2" x 8" Asphalt Saturated Fiber, Premolded Expansion Joint	4.07	1.43
03 15 16 00-0027	LF	1/2" x 10" Asphalt Saturated Fiber, Premolded Expansion Joint	4.39	1.49
03 15 16 00-0028	LF	1/2" x 12" Asphalt Saturated Fiber, Premolded Expansion Joint	4.95	1.55
03 15 16 00-0029	LF	3/4" x 4" Asphalt Saturated Fiber, Premolded Expansion Joint	3.13	1.25
03 15 16 00-0030	LF	3/4" x 5" Asphalt Saturated Fiber, Premolded Expansion Joint	3.61	1.31
03 15 16 00-0031	LF	3/4" x 8" Asphalt Saturated Fiber, Premolded Expansion Joint	4.46	1.43
03 15 16 00-0032	SF	1" Asphalt Saturated Fiber, Premolded Expansion Joint	7.82	1.96

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 15 16 00-0033		**Cork, Premolded Expansion Joints** *(03 15 16 00-0011)*		
03 15 16 00-0034	LF	1/2" x 4" Cork, Premolded Expansion Joint	4.60	1.25
03 15 16 00-0035	LF	1/2" x 6" Cork, Premolded Expansion Joint	5.18	1.37
03 15 16 00-0036	LF	1/2" x 8" Cork, Premolded Expansion Joint	5.64	1.43
03 15 16 00-0037	LF	1/2" x 10" Cork, Premolded Expansion Joint	8.02	1.49
03 15 16 00-0038	LF	1/2" x 12" Cork, Premolded Expansion Joint	8.53	1.55
03 15 16 00-0039	SF	1/2" Cork, Premolded Expansion Joint	9.37	1.96
03 15 16 00-0040	SF	3/4" Cork, Premolded Expansion Joint	10.93	1.96
03 15 16 00-0041	SF	1" Cork, Premolded Expansion Joint	11.65	1.96
03 15 16 00-0042		**Flexible Polyethylene Foam, Premolded Expansion Joints** *(03 15 16 00-0011)*		
03 15 16 00-0043	LF	1/4" x 4" Flexible Polyethylene Foam, Premolded Expansion Joint	2.83	1.25
03 15 16 00-0044	LF	1/4" x 5" Flexible Polyethylene Foam, Premolded Expansion Joint	2.95	1.31
03 15 16 00-0045	LF	1/4" x 6" Flexible Polyethylene Foam, Premolded Expansion Joint	3.12	1.37
03 15 16 00-0046	LF	1/4" x 8" Flexible Polyethylene Foam, Premolded Expansion Joint	3.66	1.43
03 15 16 00-0047	LF	1/2" x 4" Flexible Polyethylene Foam, Premolded Expansion Joint	2.92	1.25
03 15 16 00-0048	LF	1/2" x 5" Flexible Polyethylene Foam, Premolded Expansion Joint	3.05	1.31
03 15 16 00-0049	LF	1/2" x 6" Flexible Polyethylene Foam, Premolded Expansion Joint	3.18	1.37
03 15 16 00-0050	LF	1/2" x 8" Flexible Polyethylene Foam, Premolded Expansion Joint	3.51	1.43
03 15 16 00-0051		**Zip Strip, Premolded Expansion Joints** *(03 15 16 00-0011)*		
03 15 16 00-0052	LF	1" Zip Strip, Premolded Expansion Joint	2.86	1.25
03 15 16 00-0053	LF	1-1/2" Zip Strip, Premolded Expansion Joint	3.14	1.31
03 15 16 00-0054	LF	2" Zip Strip, Premolded Expansion Joint	3.50	1.43
03 15 16 00-0055		**Sponge Rubber, Premolded Expansion Joints** *(03 15 16 00-0011)*		
03 15 16 00-0056	LF	1/2" x 4" Sponge Rubber, Premolded Expansion Joint	4.67	1.19
03 15 16 00-0057	LF	1/2" x 6" Sponge Rubber, Premolded Expansion Joint	5.59	1.19
03 15 16 00-0058		**Asphalt Felt Control Joints Or Bond Breaker** *(03 15 16)*		
03 15 16 00-0059	SF	Asphalt Felt Control Joint, 30 LB Felt Bond Breaker	1.35	0.90
		>1,250, Deduct	*-0.07*	
03 15 16 00-0060	SF	Asphalt Felt Control Joint, 15 LB Felt Bond Breaker	1.27	0.90
		>1,250, Deduct	*-0.06*	
03 15 16 00-0061		**Keyed Cold Expansion And Control Joints** *(03 15 16)*		
03 15 16 00-0062		**24 Gauge Galvanized Steel With Stakes** *(03 15 16 00-0061)*		
03 15 16 00-0063	LF	24 Gauge Galvanized Steel Keyed Joint, 3-1/2" Cold Expansion Or Control Joint	6.81	
03 15 16 00-0064	LF	24 Gauge Galvanized Steel Keyed Joint, 4-1/2" Cold Expansion Or Control Joint	6.94	
03 15 16 00-0065	LF	24 Gauge Galvanized Steel Keyed Joint, 5-1/2" Cold Expansion Or Control Joint	7.19	
03 15 16 00-0066	LF	24 Gauge Galvanized Steel Keyed Joint, 7-1/2" Cold Expansion Or Control Joint	7.65	
03 15 16 00-0067	LF	24 Gauge Galvanized Steel Keyed Joint, 9-1/2" Cold Expansion Or Control Joint	9.59	

03 15 19 Cast-In Concrete Anchors *(03 15)*

03 15 19 00-0001 Cast In Place Anchors *(03 15 19)*
Note: For cast in place installations. Includes nut and washer.

03 15 19 00-0002 J-Type Anchor Bolts *(03 15 19 00-0001)*
See CSI section 03 11 13 00-0002 for template.

03 15 19 00-0003 1/2" And 5/8" Diameter *(03 15 19 00-0002)*

03 15 19 00-0004	EA	1/2" Diameter x 6" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	13.70
		For Galvanized, Add	*3.47*
		For Stainless Steel, Add	*24.29*
		For >10 To 50, Deduct	*-0.34*
		For >50 To 100, Deduct	*-0.85*
		For >100, Deduct	*-1.70*
03 15 19 00-0005	EA	1/2" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	16.12
		For Galvanized, Add	*4.42*
		For Stainless Steel, Add	*30.94*
		For >10 To 50, Deduct	*-0.36*
		For >50 To 100, Deduct	*-0.95*
		For >100, Deduct	*-1.90*
03 15 19 00-0006	EA	1/2" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	20.07
		For Galvanized, Add	*6.09*
		For Stainless Steel, Add	*42.63*
		For >10 To 50, Deduct	*-0.39*
		For >50 To 100, Deduct	*-1.09*
		For >100, Deduct	*-2.19*

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MINOR CSI UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 15 19 00-0007	EA 5/8" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	23.80	
	For Galvanized, Add	*7.96*	
	For Stainless Steel, Add	*55.69*	
	For >10 To 50, Deduct	*-0.39*	
	For >50 To 100, Deduct	*-1.19*	
	For >100, Deduct	*-2.37*	
03 15 19 00-0008	EA 5/8" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	29.85	
	For Galvanized, Add	*10.62*	
	For Stainless Steel, Add	*74.34*	
	For >10 To 50, Deduct	*-0.43*	
	For >50 To 100, Deduct	*-1.39*	
	For >100, Deduct	*-2.78*	
03 15 19 00-0009	EA 5/8" Diameter x 24" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	33.73	
	For Galvanized, Add	*12.14*	
	For Stainless Steel, Add	*84.95*	
	For >10 To 50, Deduct	*-0.47*	
	For >50 To 100, Deduct	*-1.55*	
	For >100, Deduct	*-3.11*	
03 15 19 00-0010	3/4" And 7/8" Diameter *(03 15 19 00-0002)*		
03 15 19 00-0011	EA 3/4" Diameter x 8" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	33.56	
	For Galvanized, Add	*12.05*	
	For Stainless Steel, Add	*84.35*	
	For >10 To 50, Deduct	*-0.47*	
	For >50 To 100, Deduct	*-1.55*	
	For >100, Deduct	*-3.10*	
03 15 19 00-0012	EA 3/4" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	38.61	
	For Galvanized, Add	*14.05*	
	For Stainless Steel, Add	*98.32*	
	For >10 To 50, Deduct	*-0.53*	
	For >50 To 100, Deduct	*-1.75*	
	For >100, Deduct	*-3.51*	
03 15 19 00-0013	EA 3/4" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	47.82	
	For Galvanized, Add	*17.99*	
	For Stainless Steel, Add	*125.93*	
	For >10 To 50, Deduct	*-0.59*	
	For >50 To 100, Deduct	*-2.08*	
	For >100, Deduct	*-4.17*	
03 15 19 00-0014	EA 3/4" Diameter x 24" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	58.60	
	For Galvanized, Add	*22.67*	
	For Stainless Steel, Add	*158.69*	
	For >10 To 50, Deduct	*-0.66*	
	For >50 To 100, Deduct	*-2.46*	
	For >100, Deduct	*-4.92*	
03 15 19 00-0015	EA 7/8" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	44.78	
	For Galvanized, Add	*16.47*	
	For Stainless Steel, Add	*115.29*	
	For >10 To 50, Deduct	*-0.59*	
	For >50 To 100, Deduct	*-2.01*	
	For >100, Deduct	*-4.02*	
03 15 19 00-0016	EA 7/8" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	52.96	
	For Galvanized, Add	*19.72*	
	For Stainless Steel, Add	*138.04*	
	For >10 To 50, Deduct	*-0.68*	
	For >50 To 100, Deduct	*-2.34*	
	For >100, Deduct	*-4.68*	
03 15 19 00-0017	EA 7/8" Diameter x 24" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	68.35	
	For Galvanized, Add	*26.29*	
	For Stainless Steel, Add	*184.03*	
	For >10 To 50, Deduct	*-0.79*	
	For >50 To 100, Deduct	*-2.89*	
	For >100, Deduct	*-5.78*	
03 15 19 00-0018	1" And 1-1/8" Diameter *(03 15 19 00-0002)*		
03 15 19 00-0019	EA 1" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	56.13	
	For Galvanized, Add	*21.31*	
	For Stainless Steel, Add	*149.14*	
	For >10 To 50, Deduct	*-0.68*	
	For >50 To 100, Deduct	*-2.42*	
	For >100, Deduct	*-4.83*	
03 15 19 00-0020	EA 1" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	67.05	
	For Galvanized, Add	*25.64*	
	For Stainless Steel, Add	*179.48*	
	For >10 To 50, Deduct	*-0.79*	
	For >50 To 100, Deduct	*-2.86*	
	For >100, Deduct	*-5.72*	
03 15 19 00-0021	EA 1" Diameter x 24" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	83.21	
	For Galvanized, Add	*32.14*	
	For Stainless Steel, Add	*224.98*	
	For >10 To 50, Deduct	*-0.95*	
	For >50 To 100, Deduct	*-3.50*	
	For >100, Deduct	*-7.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 15 19 00-0022	EA	1" Diameter x 36" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	102.20	
		For Galvanized, Add	*39.27*	
		For Stainless Steel, Add	*274.89*	
		For >10 To 50, Deduct	*-1.18*	
		For >50 To 100, Deduct	*-4.33*	
		For >100, Deduct	*-8.66*	
03 15 19 00-0023	EA	1-1/8" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	68.12	
		For Galvanized, Add	*26.64*	
		For Stainless Steel, Add	*186.45*	
		For >10 To 50, Deduct	*-0.74*	
		For >50 To 100, Deduct	*-2.82*	
		For >100, Deduct	*-5.63*	
03 15 19 00-0024	EA	1-1/8" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	81.42	
		For Galvanized, Add	*32.06*	
		For Stainless Steel, Add	*224.39*	
		For >10 To 50, Deduct	*-0.87*	
		For >50 To 100, Deduct	*-3.33*	
		For >100, Deduct	*-6.67*	
03 15 19 00-0025	EA	1-1/8" Diameter x 24" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	101.14	
		For Galvanized, Add	*40.18*	
		For Stainless Steel, Add	*281.26*	
		For >10 To 50, Deduct	*-1.04*	
		For >50 To 100, Deduct	*-4.09*	
		For >100, Deduct	*-8.17*	
03 15 19 00-0026	EA	1-1/8" Diameter x 36" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	124.16	
		For Galvanized, Add	*49.09*	
		For Stainless Steel, Add	*343.63*	
		For >10 To 50, Deduct	*-1.30*	
		For >50 To 100, Deduct	*-5.05*	
		For >100, Deduct	*-10.11*	

03 15 19 00-0027 1-1/4" And 1-1/2" Diameter *(03 15 19 00-0002)*

03 15 19 00-0028	EA	1-1/4" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	83.03	
		For Galvanized, Add	*33.29*	
		For Stainless Steel, Add	*233.03*	
		For >10 To 50, Deduct	*-0.82*	
		For >50 To 100, Deduct	*-3.31*	
		For >100, Deduct	*-6.62*	
03 15 19 00-0029	EA	1-1/4" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	99.32	
		For Galvanized, Add	*40.08*	
		For Stainless Steel, Add	*280.53*	
		For >10 To 50, Deduct	*-0.96*	
		For >50 To 100, Deduct	*-3.92*	
		For >100, Deduct	*-7.84*	
03 15 19 00-0030	EA	1-1/4" Diameter x 24" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	123.50	
		For Galvanized, Add	*50.24*	
		For Stainless Steel, Add	*351.68*	
		For >10 To 50, Deduct	*-1.15*	
		For >50 To 100, Deduct	*-4.81*	
		For >100, Deduct	*-9.63*	
03 15 19 00-0031	EA	1-1/4" Diameter x 36" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	151.48	
		For Galvanized, Add	*61.36*	
		For Stainless Steel, Add	*429.49*	
		For >10 To 50, Deduct	*-1.44*	
		For >50 To 100, Deduct	*-5.94*	
		For >100, Deduct	*-11.89*	
03 15 19 00-0032	EA	1-1/2" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	101.66	
		For Galvanized, Add	*41.61*	
		For Stainless Steel, Add	*291.27*	
		For >10 To 50, Deduct	*-0.92*	
		For >50 To 100, Deduct	*-3.92*	
		For >100, Deduct	*-7.85*	
03 15 19 00-0033	EA	1-1/2" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	121.68	
		For Galvanized, Add	*50.09*	
		For Stainless Steel, Add	*350.60*	
		For >10 To 50, Deduct	*-1.08*	
		For >50 To 100, Deduct	*-4.66*	
		For >100, Deduct	*-9.31*	
03 15 19 00-0034	EA	1-1/2" Diameter x 24" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	151.44	
		For Galvanized, Add	*62.81*	
		For Stainless Steel, Add	*439.67*	
		For >10 To 50, Deduct	*-1.29*	
		For >50 To 100, Deduct	*-5.72*	
		For >100, Deduct	*-11.45*	
03 15 19 00-0035	EA	1-1/2" Diameter x 36" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	185.66	
		For Galvanized, Add	*76.70*	
		For Stainless Steel, Add	*536.90*	
		For >10 To 50, Deduct	*-1.61*	
		For >50 To 100, Deduct	*-7.06*	
		For >100, Deduct	*-14.12*	

03 15 19 00-0036 L-Type Anchor Bolts *(03 15 19 00-0001)*

See CSI section 03 11 13 00-0002 for template.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 15 19 00-0037		**3/4" And 7/8" Diameter** *(03 15 19 00-0036)*		
03 15 19 00-0038	EA	3/4" Diameter x 12" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	28.94	
		For Galvanized, Add	*9.21*	
		For Stainless Steel, Add	*64.47*	
		For >10 To 50, Deduct	*-0.53*	
		For >50 To 100, Deduct	*-1.51*	
		For >100, Deduct	*-3.03*	
03 15 19 00-0039	EA	3/4" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	34.60	
		For Galvanized, Add	*11.38*	
		For Stainless Steel, Add	*79.66*	
		For >10 To 50, Deduct	*-0.59*	
		For >50 To 100, Deduct	*-1.75*	
		For >100, Deduct	*-3.51*	
03 15 19 00-0040	EA	3/4" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	39.61	
		For Galvanized, Add	*13.05*	
		For Stainless Steel, Add	*91.32*	
		For >10 To 50, Deduct	*-0.68*	
		For >50 To 100, Deduct	*-2.00*	
		For >100, Deduct	*-4.01*	
03 15 19 00-0041	EA	3/4" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	42.86	
		For Galvanized, Add	*13.55*	
		For Stainless Steel, Add	*94.82*	
		For >10 To 50, Deduct	*-0.79*	
		For >50 To 100, Deduct	*-2.25*	
		For >100, Deduct	*-4.51*	
03 15 19 00-0042	EA	3/4" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	47.37	
		For Galvanized, Add	*14.22*	
		For Stainless Steel, Add	*99.54*	
		For >10 To 50, Deduct	*-0.95*	
		For >50 To 100, Deduct	*-2.60*	
		For >100, Deduct	*-5.21*	
03 15 19 00-0043	EA	7/8" Diameter x 12" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	34.68	
		For Galvanized, Add	*11.42*	
		For Stainless Steel, Add	*79.94*	
		For >10 To 50, Deduct	*-0.59*	
		For >50 To 100, Deduct	*-1.76*	
		For >100, Deduct	*-3.51*	
03 15 19 00-0044	EA	7/8" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	40.13	
		For Galvanized, Add	*13.31*	
		For Stainless Steel, Add	*93.14*	
		For >10 To 50, Deduct	*-0.68*	
		For >50 To 100, Deduct	*-2.02*	
		For >100, Deduct	*-4.03*	
03 15 19 00-0045	EA	7/8" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	46.29	
		For Galvanized, Add	*15.26*	
		For Stainless Steel, Add	*106.82*	
		For >10 To 50, Deduct	*-0.79*	
		For >50 To 100, Deduct	*-2.34*	
		For >100, Deduct	*-4.68*	
03 15 19 00-0046	EA	7/8" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	50.62	
		For Galvanized, Add	*15.85*	
		For Stainless Steel, Add	*110.92*	
		For >10 To 50, Deduct	*-0.95*	
		For >50 To 100, Deduct	*-2.69*	
		For >100, Deduct	*-5.37*	
03 15 19 00-0047	EA	7/8" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	56.95	
		For Galvanized, Add	*16.65*	
		For Stainless Steel, Add	*116.52*	
		For >10 To 50, Deduct	*-1.18*	
		For >50 To 100, Deduct	*-3.20*	
		For >100, Deduct	*-6.40*	
03 15 19 00-0048		**1" And 1-1/8" Diameter** *(03 15 19 00-0036)*		
03 15 19 00-0049	EA	1" Diameter x 12" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	42.82	
		For Galvanized, Add	*14.65*	
		For Stainless Steel, Add	*102.55*	
		For >10 To 50, Deduct	*-0.68*	
		For >50 To 100, Deduct	*-2.08*	
		For >100, Deduct	*-4.17*	
03 15 19 00-0050	EA	1" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	48.71	
		For Galvanized, Add	*16.47*	
		For Stainless Steel, Add	*115.29*	
		For >10 To 50, Deduct	*-0.79*	
		For >50 To 100, Deduct	*-2.40*	
		For >100, Deduct	*-4.80*	
03 15 19 00-0051	EA	1" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	55.77	
		For Galvanized, Add	*18.42*	
		For Stainless Steel, Add	*128.94*	
		For >10 To 50, Deduct	*-0.95*	
		For >50 To 100, Deduct	*-2.81*	
		For >100, Deduct	*-5.63*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 15 19 00-0052	EA	1" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	59.15	
		For Galvanized, Add	*19.29*	
		For Stainless Steel, Add	*135.03*	
		For >10 To 50, Deduct	*-1.03*	
		For >50 To 100, Deduct	*-3.02*	
		For >100, Deduct	*-6.04*	
03 15 19 00-0053	EA	1" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	64.06	
		For Galvanized, Add	*20.20*	
		For Stainless Steel, Add	*141.40*	
		For >10 To 50, Deduct	*-1.18*	
		For >50 To 100, Deduct	*-3.38*	
		For >100, Deduct	*-6.75*	
03 15 19 00-0054	EA	1" Diameter x 42" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	73.10	
		For Galvanized, Add	*23.41*	
		For Stainless Steel, Add	*163.84*	
		For >10 To 50, Deduct	*-1.31*	
		For >50 To 100, Deduct	*-3.80*	
		For >100, Deduct	*-7.60*	
03 15 19 00-0055	EA	1" Diameter x 48" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	86.34	
		For Galvanized, Add	*27.40*	
		For Stainless Steel, Add	*191.77*	
		For >10 To 50, Deduct	*-1.58*	
		For >50 To 100, Deduct	*-4.52*	
		For >100, Deduct	*-9.05*	
03 15 19 00-0056	EA	1-1/8" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	54.30	
		For Galvanized, Add	*19.27*	
		For Stainless Steel, Add	*134.86*	
		For >10 To 50, Deduct	*-0.79*	
		For >50 To 100, Deduct	*-2.54*	
		For >100, Deduct	*-5.08*	
03 15 19 00-0057	EA	1-1/8" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	62.06	
		For Galvanized, Add	*21.57*	
		For Stainless Steel, Add	*150.96*	
		For >10 To 50, Deduct	*-0.95*	
		For >50 To 100, Deduct	*-2.97*	
		For >100, Deduct	*-5.94*	
03 15 19 00-0058	EA	1-1/8" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	65.69	
		For Galvanized, Add	*22.56*	
		For Stainless Steel, Add	*157.92*	
		For >10 To 50, Deduct	*-1.03*	
		For >50 To 100, Deduct	*-3.19*	
		For >100, Deduct	*-6.37*	

03 15 19 00-0059 1-1/4" And 1-3/8" Diameter *(03 15 19 00-0036)*

03 15 19 00-0060	EA	1-1/4" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	65.53	
		For Galvanized, Add	*23.30*	
		For Stainless Steel, Add	*163.10*	
		For >10 To 50, Deduct	*-0.95*	
		For >50 To 100, Deduct	*-3.06*	
		For >100, Deduct	*-6.12*	
03 15 19 00-0061	EA	1-1/4" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	78.19	
		For Galvanized, Add	*27.27*	
		For Stainless Steel, Add	*190.86*	
		For >10 To 50, Deduct	*-1.18*	
		For >50 To 100, Deduct	*-3.73*	
		For >100, Deduct	*-7.46*	
03 15 19 00-0062	EA	1-1/4" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	86.68	
		For Galvanized, Add	*30.89*	
		For Stainless Steel, Add	*216.20*	
		For >10 To 50, Deduct	*-1.25*	
		For >50 To 100, Deduct	*-4.04*	
		For >100, Deduct	*-8.07*	
03 15 19 00-0063	EA	1-1/4" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	96.03	
		For Galvanized, Add	*34.87*	
		For Stainless Steel, Add	*244.09*	
		For >10 To 50, Deduct	*-1.31*	
		For >50 To 100, Deduct	*-4.37*	
		For >100, Deduct	*-8.75*	
03 15 19 00-0064	EA	1-1/4" Diameter x 42" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	105.44	
		For Galvanized, Add	*37.93*	
		For Stainless Steel, Add	*265.51*	
		For >10 To 50, Deduct	*-1.48*	
		For >50 To 100, Deduct	*-4.85*	
		For >100, Deduct	*-9.71*	
03 15 19 00-0065	EA	1-1/4" Diameter x 48" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	115.04	
		For Galvanized, Add	*40.62*	
		For Stainless Steel, Add	*284.31*	
		For >10 To 50, Deduct	*-1.69*	
		For >50 To 100, Deduct	*-5.41*	
		For >100, Deduct	*-10.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 15 19 00-0066	EA	1-1/4" Diameter x 54" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	126.38	
		For Galvanized, Add	*43.48*	
		For Stainless Steel, Add	*304.33*	
		For >10 To 50, Deduct	*-1.97*	
		For >50 To 100, Deduct	*-6.12*	
		For >100, Deduct	*-12.23*	
03 15 19 00-0067	EA	1-1/4" Diameter x 60" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	143.47	
		For Galvanized, Add	*48.07*	
		For Stainless Steel, Add	*336.49*	
		For >10 To 50, Deduct	*-2.37*	
		For >50 To 100, Deduct	*-7.14*	
		For >100, Deduct	*-14.27*	
03 15 19 00-0068	EA	1-3/8" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	77.19	
		For Galvanized, Add	*29.13*	
		For Stainless Steel, Add	*203.91*	
		For >10 To 50, Deduct	*-0.95*	
		For >50 To 100, Deduct	*-3.35*	
		For >100, Deduct	*-6.70*	
03 15 19 00-0069	EA	1-3/8" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	91.84	
		For Galvanized, Add	*34.09*	
		For Stainless Steel, Add	*238.63*	
		For >10 To 50, Deduct	*-1.18*	
		For >50 To 100, Deduct	*-4.07*	
		For >100, Deduct	*-8.14*	
03 15 19 00-0070	EA	1-3/8" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	102.11	
		For Galvanized, Add	*38.60*	
		For Stainless Steel, Add	*270.20*	
		For >10 To 50, Deduct	*-1.25*	
		For >50 To 100, Deduct	*-4.42*	
		For >100, Deduct	*-8.84*	
03 15 19 00-0071	EA	1-3/8" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	113.46	
		For Galvanized, Add	*43.59*	
		For Stainless Steel, Add	*305.10*	
		For >10 To 50, Deduct	*-1.31*	
		For >50 To 100, Deduct	*-4.81*	
		For >100, Deduct	*-9.62*	
03 15 19 00-0072	EA	1-3/8" Diameter x 42" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	124.42	
		For Galvanized, Add	*47.42*	
		For Stainless Steel, Add	*331.94*	
		For >10 To 50, Deduct	*-1.48*	
		For >50 To 100, Deduct	*-5.33*	
		For >100, Deduct	*-10.66*	
03 15 19 00-0073	EA	1-3/8" Diameter x 48" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	135.37	
		For Galvanized, Add	*50.78*	
		For Stainless Steel, Add	*355.46*	
		For >10 To 50, Deduct	*-1.69*	
		For >50 To 100, Deduct	*-5.92*	
		For >100, Deduct	*-11.84*	
03 15 19 00-0074	EA	1-3/8" Diameter x 54" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	149.01	
		For Galvanized, Add	*54.79*	
		For Stainless Steel, Add	*383.53*	
		For >10 To 50, Deduct	*-1.97*	
		For >50 To 100, Deduct	*-6.68*	
		For >100, Deduct	*-13.37*	
03 15 19 00-0075	EA	1-3/8" Diameter x 60" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	167.53	
		For Galvanized, Add	*60.10*	
		For Stainless Steel, Add	*420.70*	
		For >10 To 50, Deduct	*-2.37*	
		For >50 To 100, Deduct	*-7.74*	
		For >100, Deduct	*-15.48*	

03 15 19 00-0076 1-1/2", 1-3/4", And 2" Diameter *(03 15 19 00-0036)*

03 15 19 00-0077	EA	1-1/2" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	102.26	
		For Galvanized, Add	*40.38*	
		For Stainless Steel, Add	*282.63*	
		For >10 To 50, Deduct	*-1.08*	
		For >50 To 100, Deduct	*-4.17*	
		For >100, Deduct	*-8.34*	
03 15 19 00-0078	EA	1-1/2" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	109.61	
		For Galvanized, Add	*42.35*	
		For Stainless Steel, Add	*296.45*	
		For >10 To 50, Deduct	*-1.25*	
		For >50 To 100, Deduct	*-4.61*	
		For >100, Deduct	*-9.22*	
03 15 19 00-0079	EA	1-1/2" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	121.03	
		For Galvanized, Add	*46.60*	
		For Stainless Steel, Add	*326.17*	
		For >10 To 50, Deduct	*-1.39*	
		For >50 To 100, Deduct	*-5.11*	
		For >100, Deduct	*-10.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 15 19 00-0080	EA	1-1/2" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	131.40	
		For Galvanized, Add	*50.91*	
		For Stainless Steel, Add	*356.37*	
		For >10 To 50, Deduct	*-1.48*	
		For >50 To 100, Deduct	*-5.50*	
		For >100, Deduct	*-11.01*	
03 15 19 00-0081	EA	1-1/2" Diameter x 42" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	142.00	
		For Galvanized, Add	*55.23*	
		For Stainless Steel, Add	*386.58*	
		For >10 To 50, Deduct	*-1.58*	
		For >50 To 100, Deduct	*-5.92*	
		For >100, Deduct	*-11.83*	
03 15 19 00-0082	EA	1-1/2" Diameter x 48" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	155.18	
		For Galvanized, Add	*59.39*	
		For Stainless Steel, Add	*415.70*	
		For >10 To 50, Deduct	*-1.82*	
		For >50 To 100, Deduct	*-6.61*	
		For >100, Deduct	*-13.22*	
03 15 19 00-0083	EA	1-1/2" Diameter x 54" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	171.51	
		For Galvanized, Add	*64.24*	
		For Stainless Steel, Add	*449.68*	
		For >10 To 50, Deduct	*-2.15*	
		For >50 To 100, Deduct	*-7.52*	
		For >100, Deduct	*-15.03*	
03 15 19 00-0084	EA	1-1/2" Diameter x 60" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	195.06	
		For Galvanized, Add	*71.24*	
		For Stainless Steel, Add	*498.68*	
		For >10 To 50, Deduct	*-2.63*	
		For >50 To 100, Deduct	*-8.82*	
		For >100, Deduct	*-17.64*	
03 15 19 00-0085	EA	1-3/4" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	145.16	
		For Galvanized, Add	*60.75*	
		For Stainless Steel, Add	*425.25*	
		For >10 To 50, Deduct	*-1.18*	
		For >50 To 100, Deduct	*-5.40*	
		For >100, Deduct	*-10.81*	
03 15 19 00-0086	EA	1-3/4" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	150.43	
		For Galvanized, Add	*62.07*	
		For Stainless Steel, Add	*434.49*	
		For >10 To 50, Deduct	*-1.31*	
		For >50 To 100, Deduct	*-5.73*	
		For >100, Deduct	*-11.47*	
03 15 19 00-0087	EA	1-3/4" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	153.98	
		For Galvanized, Add	*63.07*	
		For Stainless Steel, Add	*441.49*	
		For >10 To 50, Deduct	*-1.39*	
		For >50 To 100, Deduct	*-5.94*	
		For >100, Deduct	*-11.88*	
03 15 19 00-0088	EA	1-3/4" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	175.27	
		For Galvanized, Add	*72.85*	
		For Stainless Steel, Add	*509.92*	
		For >10 To 50, Deduct	*-1.48*	
		For >50 To 100, Deduct	*-6.60*	
		For >100, Deduct	*-13.20*	
03 15 19 00-0089	EA	1-3/4" Diameter x 42" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	201.99	
		For Galvanized, Add	*84.09*	
		For Stainless Steel, Add	*588.63*	
		For >10 To 50, Deduct	*-1.69*	
		For >50 To 100, Deduct	*-7.59*	
		For >100, Deduct	*-15.17*	
03 15 19 00-0090	EA	1-3/4" Diameter x 48" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	209.82	
		For Galvanized, Add	*85.20*	
		For Stainless Steel, Add	*596.37*	
		For >10 To 50, Deduct	*-1.97*	
		For >50 To 100, Deduct	*-8.20*	
		For >100, Deduct	*-16.41*	
03 15 19 00-0091	EA	1-3/4" Diameter x 54" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	231.33	
		For Galvanized, Add	*92.00*	
		For Stainless Steel, Add	*644.00*	
		For >10 To 50, Deduct	*-2.37*	
		For >50 To 100, Deduct	*-9.33*	
		For >100, Deduct	*-18.67*	
03 15 19 00-0092	EA	1-3/4" Diameter x 60" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	257.34	
		For Galvanized, Add	*99.09*	
		For Stainless Steel, Add	*693.63*	
		For >10 To 50, Deduct	*-2.96*	
		For >50 To 100, Deduct	*-10.87*	
		For >100, Deduct	*-21.74*	
03 15 19 00-0093	EA	2" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	212.80	
		For Galvanized, Add	*92.48*	
		For Stainless Steel, Add	*647.36*	
		For >10 To 50, Deduct	*-1.39*	
		For >50 To 100, Deduct	*-7.41*	
		For >100, Deduct	*-14.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 15 19 00-0094	EA	2" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	231.51	
		For Galvanized, Add	*99.98*	
		For Stainless Steel, Add	*699.86*	
		For >10 To 50, Deduct	*-1.58*	
		For >50 To 100, Deduct	*-8.15*	
		For >100, Deduct	*-16.31*	
03 15 19 00-0095	EA	2" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	254.35	
		For Galvanized, Add	*108.97*	
		For Stainless Steel, Add	*762.79*	
		For >10 To 50, Deduct	*-1.82*	
		For >50 To 100, Deduct	*-9.09*	
		For >100, Deduct	*-18.18*	
03 15 19 00-0096	EA	2" Diameter x 42" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	273.85	
		For Galvanized, Add	*115.41*	
		For Stainless Steel, Add	*807.87*	
		For >10 To 50, Deduct	*-2.15*	
		For >50 To 100, Deduct	*-10.07*	
		For >100, Deduct	*-20.15*	
03 15 19 00-0097	EA	2" Diameter x 48" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	295.36	
		For Galvanized, Add	*124.02*	
		For Stainless Steel, Add	*868.11*	
		For >10 To 50, Deduct	*-2.37*	
		For >50 To 100, Deduct	*-10.93*	
		For >100, Deduct	*-21.87*	
03 15 19 00-0098	EA	2" Diameter x 54" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	317.42	
		For Galvanized, Add	*132.42*	
		For Stainless Steel, Add	*926.94*	
		For >10 To 50, Deduct	*-2.63*	
		For >50 To 100, Deduct	*-11.88*	
		For >100, Deduct	*-23.76*	
03 15 19 00-0099	EA	2" Diameter x 60" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	352.05	
		For Galvanized, Add	*142.22*	
		For Stainless Steel, Add	*995.54*	
		For >10 To 50, Deduct	*-3.38*	
		For >50 To 100, Deduct	*-13.87*	
		For >100, Deduct	*-27.74*	
03 15 19 00-0100	EA	2" Diameter x 66" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	380.31	
		For Galvanized, Add	*156.35*	
		For Stainless Steel, Add	*1,094.45*	
		For >10 To 50, Deduct	*-3.38*	
		For >50 To 100, Deduct	*-14.58*	
		For >100, Deduct	*-29.16*	
03 15 19 00-0101	EA	2" Diameter x 72" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	426.47	
		For Galvanized, Add	*173.80*	
		For Stainless Steel, Add	*1,216.57*	
		For >10 To 50, Deduct	*-3.94*	
		For >50 To 100, Deduct	*-16.58*	
		For >100, Deduct	*-33.16*	

03 15 19 00-0102 2-1/2" And 2-3/4" Diameter *(03 15 19 00-0036)*

03 15 19 00-0103	EA	2-1/2" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	438.76	
		For Galvanized, Add	*205.46*	
		For Stainless Steel, Add	*1,438.22*	
		For >10 To 50, Deduct	*-1.39*	
		For >50 To 100, Deduct	*-13.06*	
		For >100, Deduct	*-26.11*	
03 15 19 00-0104	EA	2-1/2" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	461.07	
		For Galvanized, Add	*214.76*	
		For Stainless Steel, Add	*1,503.32*	
		For >10 To 50, Deduct	*-1.58*	
		For >50 To 100, Deduct	*-13.89*	
		For >100, Deduct	*-27.79*	
03 15 19 00-0105	EA	2-1/2" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	502.21	
		For Galvanized, Add	*232.90*	
		For Stainless Steel, Add	*1,630.30*	
		For >10 To 50, Deduct	*-1.82*	
		For >50 To 100, Deduct	*-15.29*	
		For >100, Deduct	*-30.57*	
03 15 19 00-0106	EA	2-1/2" Diameter x 42" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	533.92	
		For Galvanized, Add	*245.45*	
		For Stainless Steel, Add	*1,718.12*	
		For >10 To 50, Deduct	*-2.15*	
		For >50 To 100, Deduct	*-16.58*	
		For >100, Deduct	*-33.15*	
03 15 19 00-0107	EA	2-1/2" Diameter x 48" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	564.53	
		For Galvanized, Add	*258.60*	
		For Stainless Steel, Add	*1,810.20*	
		For >10 To 50, Deduct	*-2.37*	
		For >50 To 100, Deduct	*-17.66*	
		For >100, Deduct	*-35.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 15 19 00-0108	EA	2-1/2" Diameter x 54" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	599.26	
		For Galvanized, Add	*273.34*	
		For Stainless Steel, Add	*1,913.38*	
		For >10 To 50, Deduct	*-2.63*	
		For >50 To 100, Deduct	*-18.93*	
		For >100, Deduct	*-37.85*	
03 15 19 00-0109	EA	2-1/2" Diameter x 60" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	644.46	
		For Galvanized, Add	*288.43*	
		For Stainless Steel, Add	*2,018.98*	
		For >10 To 50, Deduct	*-3.38*	
		For >50 To 100, Deduct	*-21.18*	
		For >100, Deduct	*-42.36*	
03 15 19 00-0110	EA	2-3/4" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	494.77	
		For Galvanized, Add	*232.60*	
		For Stainless Steel, Add	*1,628.17*	
		For >10 To 50, Deduct	*-1.48*	
		For >50 To 100, Deduct	*-14.59*	
		For >100, Deduct	*-29.18*	
03 15 19 00-0111	EA	2-3/4" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	531.42	
		For Galvanized, Add	*248.81*	
		For Stainless Steel, Add	*1,741.64*	
		For >10 To 50, Deduct	*-1.69*	
		For >50 To 100, Deduct	*-15.82*	
		For >100, Deduct	*-31.64*	
03 15 19 00-0112	EA	2-3/4" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	569.77	
		For Galvanized, Add	*265.17*	
		For Stainless Steel, Add	*1,856.19*	
		For >10 To 50, Deduct	*-1.97*	
		For >50 To 100, Deduct	*-17.20*	
		For >100, Deduct	*-34.40*	
03 15 19 00-0113	EA	2-3/4" Diameter x 42" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	607.14	
		For Galvanized, Add	*279.91*	
		For Stainless Steel, Add	*1,959.34*	
		For >10 To 50, Deduct	*-2.37*	
		For >50 To 100, Deduct	*-18.73*	
		For >100, Deduct	*-37.46*	
03 15 19 00-0114	EA	2-3/4" Diameter x 48" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	644.60	
		For Galvanized, Add	*296.01*	
		For Stainless Steel, Add	*2,072.07*	
		For >10 To 50, Deduct	*-2.63*	
		For >50 To 100, Deduct	*-20.06*	
		For >100, Deduct	*-40.12*	
03 15 19 00-0115	EA	2-3/4" Diameter x 54" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	696.91	
		For Galvanized, Add	*318.88*	
		For Stainless Steel, Add	*2,232.13*	
		For >10 To 50, Deduct	*-2.96*	
		For >50 To 100, Deduct	*-21.86*	
		For >100, Deduct	*-43.72*	
03 15 19 00-0116	EA	2-3/4" Diameter x 60" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	751.70	
		For Galvanized, Add	*336.41*	
		For Stainless Steel, Add	*2,354.87*	
		For >10 To 50, Deduct	*-3.94*	
		For >50 To 100, Deduct	*-24.71*	
		For >100, Deduct	*-49.42*	

03 20 Concrete Reinforcing *(03)*

Note: Includes cutting or torching to size, bending where necessary and tie wires.

03 21 Reinforcement Bars *(03 20)*

Note: Includes cutting, bending, tie wire, tying, bar chairs and all non-mechanical splicing. The weights of reinforcing steel shall be used as follows: #2 - 0.167 Lbs./LF, #3 - 0.376 Lbs./LF, #4 - 0.668 Lbs./LF, #5 - 1.043 Lbs./LF, #6 - 1.502 Lbs./LF, #7 - 2.044 Lbs./LF, #8 - 2.670 Lbs./LF, #9 - 3.400 Lbs./LF, #10 - 4.303 Lbs./LF, #11 - 5.313 Lbs./LF, #14 - 7.650 Lbs./LF, #18 - 13.600 Lbs./LF.

03 21 11 Plain Steel Reinforcement Bars *(03 21)*

03 21 11 00-0001 Beams And Girders, Steel Reinforcement Bar *(03 21 11)*

Note: ASTM A-615 Plain Steel and A-706 Low Alloy Steel.

03 21 11 00-0002	LF	#3, Grade 40, Beams And Girders, Steel Reinforcement Bar	0.79	
		For Up To 100, Add	*0.49*	
		For >100 To 200, Add	*0.27*	
		For >200 To 500, Add	*0.11*	
03 21 11 00-0003	LF	#4, Grade 40, Beams And Girders, Steel Reinforcement Bar	1.32	
		For Up To 100, Add	*0.84*	
		For >100 To 200, Add	*0.46*	
		For >200 To 500, Add	*0.18*	
03 21 11 00-0004	LF	#5, Grade 40, Beams And Girders, Steel Reinforcement Bar	1.97	
		For Up To 100, Add	*1.27*	
		For >100 To 200, Add	*0.70*	
		For >200 To 500, Add	*0.28*	
03 21 11 00-0005	LF	#6, Grade 40, Beams And Girders, Steel Reinforcement Bar	2.71	
		For Up To 100, Add	*1.79*	
		For >100 To 200, Add	*0.97*	
		For >200 To 500, Add	*0.39*	

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MINOR CSI UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 11 00-0006	LF #3, Grade 50, Beams And Girders, Steel Reinforcement Bar	0.81	
	For Up To 100, Add	*0.51*	
	For >100 To 200, Add	*0.28*	
	For >200 To 500, Add	*0.11*	
03 21 11 00-0007	LF #4, Grade 50, Beams And Girders, Steel Reinforcement Bar	1.34	
	For Up To 100, Add	*0.86*	
	For >100 To 200, Add	*0.47*	
	For >200 To 500, Add	*0.19*	
03 21 11 00-0008	LF #5, Grade 50, Beams And Girders, Steel Reinforcement Bar	2.01	
	For Up To 100, Add	*1.31*	
	For >100 To 200, Add	*0.72*	
	For >200 To 500, Add	*0.29*	
03 21 11 00-0009	LF #6, Grade 50, Beams And Girders, Steel Reinforcement Bar	2.76	
	For Up To 100, Add	*1.84*	
	For >100 To 200, Add	*1.00*	
	For >200 To 500, Add	*0.40*	
03 21 11 00-0010	LF #3, Grade 60, Beams And Girders, Steel Reinforcement Bar	0.83	
	For Up To 100, Add	*0.53*	
	For >100 To 200, Add	*0.29*	
	For >200 To 500, Add	*0.12*	
03 21 11 00-0011	LF #4, Grade 60, Beams And Girders, Steel Reinforcement Bar	1.38	
	For Up To 100, Add	*0.90*	
	For >100 To 200, Add	*0.49*	
	For >200 To 500, Add	*0.20*	
03 21 11 00-0012	LF #5, Grade 60, Beams And Girders, Steel Reinforcement Bar	2.07	
	For Up To 100, Add	*1.37*	
	For >100 To 200, Add	*0.75*	
	For >200 To 500, Add	*0.30*	
03 21 11 00-0013	LF #6, Grade 60, Beams And Girders, Steel Reinforcement Bar	2.85	
	For Up To 100, Add	*1.93*	
	For >100 To 200, Add	*1.04*	
	For >200 To 500, Add	*0.42*	
03 21 11 00-0014	LF #7, Grade 60, Beams And Girders, Steel Reinforcement Bar	3.68	
	For Up To 100, Add	*2.00*	
	For >100 To 200, Add	*1.19*	
	For >200 To 400, Add	*0.55*	
03 21 11 00-0015	LF #8, Grade 60, Beams And Girders, Steel Reinforcement Bar	4.56	
	For Up To 100, Add	*2.53*	
	For >100 To 200, Add	*1.49*	
	For >200 To 400, Add	*0.69*	
03 21 11 00-0016	LF #9, Grade 60, Beams And Girders, Steel Reinforcement Bar	5.58	
	For Up To 100, Add	*3.14*	
	For >100 To 200, Add	*1.84*	
	For >200 To 400, Add	*0.86*	
03 21 11 00-0017	LF #10, Grade 60, Beams And Girders, Steel Reinforcement Bar	6.80	
	For Up To 100, Add	*3.17*	
	For >100 To 200, Add	*1.74*	
	For >200 To 300, Add	*0.87*	
03 21 11 00-0018	LF #11, Grade 60, Beams And Girders, Steel Reinforcement Bar	8.05	
	For Up To 100, Add	*3.81*	
	For >100 To 200, Add	*2.07*	
	For >200 To 300, Add	*1.04*	
03 21 11 00-0019	LF #14, Grade 60, Beams And Girders, Steel Reinforcement Bar	11.09	
	For Up To 100, Add	*5.33*	
	For >100 To 200, Add	*2.89*	
	For >200 To 300, Add	*1.44*	
03 21 11 00-0020	LF #18, Grade 60, Beams And Girders, Steel Reinforcement Bar	18.86	
	For Up To 100, Add	*9.22*	
	For >100 To 200, Add	*4.96*	
	For >200 To 300, Add	*2.48*	
03 21 11 00-0021	LF #6, Grade 75, Beams And Girders, Steel Reinforcement Bar	2.94	
	For Up To 100, Add	*2.02*	
	For >100 To 200, Add	*1.09*	
	For >200 To 500, Add	*0.43*	
03 21 11 00-0022	LF #7, Grade 75, Beams And Girders, Steel Reinforcement Bar	3.80	
	For Up To 100, Add	*2.09*	
	For >100 To 200, Add	*1.24*	
	For >200 To 400, Add	*0.57*	
03 21 11 00-0023	LF #8, Grade 75, Beams And Girders, Steel Reinforcement Bar	4.72	
	For Up To 100, Add	*2.65*	
	For >100 To 200, Add	*1.55*	
	For >200 To 400, Add	*0.72*	
03 21 11 00-0024	LF #9, Grade 75, Beams And Girders, Steel Reinforcement Bar	5.78	
	For Up To 100, Add	*3.29*	
	For >100 To 200, Add	*1.92*	
	For >200 To 400, Add	*0.90*	
03 21 11 00-0025	LF #10, Grade 75, Beams And Girders, Steel Reinforcement Bar	7.05	
	For Up To 100, Add	*3.32*	
	For >100 To 200, Add	*1.81*	
	For >200 To 300, Add	*0.91*	
03 21 11 00-0026	LF #11, Grade 75, Beams And Girders, Steel Reinforcement Bar	8.36	
	For Up To 100, Add	*3.99*	
	For >100 To 200, Add	*2.17*	
	For >200 To 300, Add	*1.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 11 00-0027	LF	#14, Grade 75, Beams And Girders, Steel Reinforcement Bar	11.53	
		For Up To 100, Add	*5.60*	
		For >100 To 200, Add	*3.02*	
		For >200 To 300, Add	*1.51*	
03 21 11 00-0028	LF	#18, Grade 75, Beams And Girders, Steel Reinforcement Bar	19.65	
		For Up To 100, Add	*9.70*	
		For >100 To 200, Add	*5.20*	
		For >200 To 300, Add	*2.60*	
03 21 11 00-0029	LF	#3, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar	0.84	
		For Up To 100, Add	*0.54*	
		For >100 To 200, Add	*0.30*	
		For >200 To 500, Add	*0.12*	
03 21 11 00-0030	LF	#4, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar	1.41	
		For Up To 100, Add	*0.93*	
		For >100 To 200, Add	*0.51*	
		For >200 To 500, Add	*0.20*	
03 21 11 00-0031	LF	#5, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar	2.12	
		For Up To 100, Add	*1.42*	
		For >100 To 200, Add	*0.77*	
		For >200 To 500, Add	*0.31*	
03 21 11 00-0032	LF	#6, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar	2.92	
		For Up To 100, Add	*2.00*	
		For >100 To 200, Add	*1.08*	
		For >200 To 500, Add	*0.43*	
03 21 11 00-0033	LF	#7, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar	3.77	
		For Up To 100, Add	*2.07*	
		For >100 To 200, Add	*1.22*	
		For >200 To 400, Add	*0.56*	
03 21 11 00-0034	LF	#8, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar	4.68	
		For Up To 100, Add	*2.62*	
		For >100 To 200, Add	*1.54*	
		For >200 To 400, Add	*0.71*	
03 21 11 00-0035	LF	#9, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar	5.73	
		For Up To 100, Add	*3.25*	
		For >100 To 200, Add	*1.90*	
		For >200 To 400, Add	*0.89*	
03 21 11 00-0036	LF	#10, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar	6.98	
		For Up To 100, Add	*3.28*	
		For >100 To 200, Add	*1.79*	
		For >200 To 300, Add	*0.90*	
03 21 11 00-0037	LF	#11, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar	8.28	
		For Up To 100, Add	*3.95*	
		For >100 To 200, Add	*2.14*	
		For >200 To 300, Add	*1.07*	
03 21 11 00-0038	LF	#14, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar	11.42	
		For Up To 100, Add	*5.53*	
		For >100 To 200, Add	*2.99*	
		For >200 To 300, Add	*1.49*	
03 21 11 00-0039	LF	#18, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar	19.45	
		For Up To 100, Add	*9.58*	
		For >100 To 200, Add	*5.14*	
		For >200 To 300, Add	*2.57*	

03 21 11 00-0040 Columns, Steel Reinforcement Bar *(03 21 11)*

Note: ASTM A-615 Plain Steel and A-706 Low Alloy Steel.

03 21 11 00-0041	LF	#3, Grade 40, Columns, Steel Reinforcement Bar	0.83	
		For Up To 100, Add	*0.51*	
		For >100 To 200, Add	*0.28*	
		For >200 To 500, Add	*0.11*	
03 21 11 00-0042	LF	#4, Grade 40, Columns, Steel Reinforcement Bar	1.41	
		For Up To 100, Add	*0.88*	
		For >100 To 200, Add	*0.48*	
		For >200 To 500, Add	*0.19*	
03 21 11 00-0043	LF	#5, Grade 40, Columns, Steel Reinforcement Bar	2.09	
		For Up To 100, Add	*1.32*	
		For >100 To 200, Add	*0.73*	
		For >200 To 500, Add	*0.29*	
03 21 11 00-0044	LF	#6, Grade 40, Columns, Steel Reinforcement Bar	2.87	
		For Up To 100, Add	*1.85*	
		For >100 To 200, Add	*1.01*	
		For >200 To 500, Add	*0.40*	
03 21 11 00-0045	LF	#3, Grade 50, Columns, Steel Reinforcement Bar	0.85	
		For Up To 100, Add	*0.53*	
		For >100 To 200, Add	*0.29*	
		For >200 To 500, Add	*0.12*	
03 21 11 00-0046	LF	#4, Grade 50, Columns, Steel Reinforcement Bar	1.43	
		For Up To 100, Add	*0.90*	
		For >100 To 200, Add	*0.49*	
		For >200 To 500, Add	*0.20*	
03 21 11 00-0047	LF	#5, Grade 50, Columns, Steel Reinforcement Bar	2.13	
		For Up To 100, Add	*1.36*	
		For >100 To 200, Add	*0.75*	
		For >200 To 500, Add	*0.30*	

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MINOR CSI UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 11 00-0048	LF #6, Grade 50, Columns, Steel Reinforcement Bar	2.92	
	For Up To 100, Add	*1.90*	
	For >100 To 200, Add	*1.04*	
	For >200 To 500, Add	*0.41*	
03 21 11 00-0049	LF #3, Grade 60, Columns, Steel Reinforcement Bar	0.87	
	For Up To 100, Add	*0.55*	
	For >100 To 200, Add	*0.30*	
	For >200 To 500, Add	*0.12*	
03 21 11 00-0050	LF #4, Grade 60, Columns, Steel Reinforcement Bar	1.47	
	For Up To 100, Add	*0.94*	
	For >100 To 200, Add	*0.51*	
	For >200 To 500, Add	*0.21*	
03 21 11 00-0051	LF #5, Grade 60, Columns, Steel Reinforcement Bar	2.19	
	For Up To 100, Add	*1.42*	
	For >100 To 200, Add	*0.78*	
	For >200 To 500, Add	*0.31*	
03 21 11 00-0052	LF #6, Grade 60, Columns, Steel Reinforcement Bar	3.01	
	For Up To 100, Add	*1.99*	
	For >100 To 200, Add	*1.08*	
	For >200 To 500, Add	*0.43*	
03 21 11 00-0053	LF #7, Grade 60, Columns, Steel Reinforcement Bar	3.87	
	For Up To 100, Add	*2.07*	
	For >100 To 200, Add	*1.23*	
	For >200 To 400, Add	*0.57*	
03 21 11 00-0054	LF #8, Grade 60, Columns, Steel Reinforcement Bar	4.78	
	For Up To 100, Add	*2.61*	
	For >100 To 200, Add	*1.54*	
	For >200 To 400, Add	*0.71*	
03 21 11 00-0055	LF #9, Grade 60, Columns, Steel Reinforcement Bar	5.84	
	For Up To 100, Add	*3.23*	
	For >100 To 200, Add	*1.91*	
	For >200 To 400, Add	*0.88*	
03 21 11 00-0056	LF #10, Grade 60, Columns, Steel Reinforcement Bar	7.09	
	For Up To 100, Add	*3.26*	
	For >100 To 200, Add	*1.79*	
	For >200 To 300, Add	*0.90*	
03 21 11 00-0057	LF #11, Grade 60, Columns, Steel Reinforcement Bar	8.38	
	For Up To 100, Add	*3.91*	
	For >100 To 200, Add	*2.14*	
	For >200 To 300, Add	*1.07*	
03 21 11 00-0058	LF #14, Grade 60, Columns, Steel Reinforcement Bar	11.54	
	For Up To 100, Add	*5.47*	
	For >100 To 200, Add	*2.98*	
	For >200 To 300, Add	*1.49*	
03 21 11 00-0059	LF #18, Grade 60, Columns, Steel Reinforcement Bar	19.55	
	For Up To 100, Add	*9.43*	
	For >100 To 200, Add	*5.10*	
	For >200 To 300, Add	*2.55*	
03 21 11 00-0060	LF #6, Grade 75, Columns, Steel Reinforcement Bar	3.10	
	For Up To 100, Add	*2.08*	
	For >100 To 200, Add	*1.13*	
	For >200 To 500, Add	*0.45*	
03 21 11 00-0061	LF #7, Grade 75, Columns, Steel Reinforcement Bar	3.99	
	For Up To 100, Add	*2.16*	
	For >100 To 200, Add	*1.28*	
	For >200 To 400, Add	*0.59*	
03 21 11 00-0062	LF #8, Grade 75, Columns, Steel Reinforcement Bar	4.94	
	For Up To 100, Add	*2.73*	
	For >100 To 200, Add	*1.61*	
	For >200 To 400, Add	*0.74*	
03 21 11 00-0063	LF #9, Grade 75, Columns, Steel Reinforcement Bar	6.04	
	For Up To 100, Add	*3.38*	
	For >100 To 200, Add	*1.99*	
	For >200 To 400, Add	*0.92*	
03 21 11 00-0064	LF #10, Grade 75, Columns, Steel Reinforcement Bar	7.34	
	For Up To 100, Add	*3.41*	
	For >100 To 200, Add	*1.87*	
	For >200 To 300, Add	*0.93*	
03 21 11 00-0065	LF #11, Grade 75, Columns, Steel Reinforcement Bar	8.69	
	For Up To 100, Add	*4.09*	
	For >100 To 200, Add	*2.23*	
	For >200 To 300, Add	*1.12*	
03 21 11 00-0066	LF #14, Grade 75, Columns, Steel Reinforcement Bar	11.98	
	For Up To 100, Add	*5.73*	
	For >100 To 200, Add	*3.11*	
	For >200 To 300, Add	*1.55*	
03 21 11 00-0067	LF #18, Grade 75, Columns, Steel Reinforcement Bar	20.34	
	For Up To 100, Add	*9.90*	
	For >100 To 200, Add	*5.34*	
	For >200 To 300, Add	*2.67*	
03 21 11 00-0068	LF #3, Grade 60, Columns, Low Alloy Steel Reinforcement Bar	0.88	
	For Up To 100, Add	*0.56*	
	For >100 To 200, Add	*0.31*	
	For >200 To 500, Add	*0.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 11 00-0069	LF	#4, Grade 60, Columns, Low Alloy Steel Reinforcement Bar	1.50	
		For Up To 100, Add	*0.97*	
		For >100 To 200, Add	*0.53*	
		For >200 To 500, Add	*0.21*	
03 21 11 00-0070	LF	#5, Grade 60, Columns, Low Alloy Steel Reinforcement Bar	2.24	
		For Up To 100, Add	*1.47*	
		For >100 To 200, Add	*0.80*	
		For >200 To 500, Add	*0.32*	
03 21 11 00-0071	LF	#6, Grade 60, Columns, Low Alloy Steel Reinforcement Bar	3.08	
		For Up To 100, Add	*2.06*	
		For >100 To 200, Add	*1.12*	
		For >200 To 500, Add	*0.45*	
03 21 11 00-0072	LF	#7, Grade 60, Columns, Low Alloy Steel Reinforcement Bar	3.96	
		For Up To 100, Add	*2.13*	
		For >100 To 200, Add	*1.27*	
		For >200 To 400, Add	*0.58*	
03 21 11 00-0073	LF	#8, Grade 60, Columns, Low Alloy Steel Reinforcement Bar	4.90	
		For Up To 100, Add	*2.70*	
		For >100 To 200, Add	*1.59*	
		For >200 To 400, Add	*0.74*	
03 21 11 00-0074	LF	#9, Grade 60, Columns, Low Alloy Steel Reinforcement Bar	5.99	
		For Up To 100, Add	*3.34*	
		For >100 To 200, Add	*1.97*	
		For >200 To 400, Add	*0.91*	
03 21 11 00-0075	LF	#10, Grade 60, Columns, Low Alloy Steel Reinforcement Bar	7.27	
		For Up To 100, Add	*3.36*	
		For >100 To 200, Add	*1.85*	
		For >200 To 300, Add	*0.92*	
03 21 11 00-0076	LF	#11, Grade 60, Columns, Low Alloy Steel Reinforcement Bar	8.61	
		For Up To 100, Add	*4.04*	
		For >100 To 200, Add	*2.21*	
		For >200 To 300, Add	*1.10*	
03 21 11 00-0077	LF	#14, Grade 60, Columns, Low Alloy Steel Reinforcement Bar	11.87	
		For Up To 100, Add	*5.66*	
		For >100 To 200, Add	*3.08*	
		For >200 To 300, Add	*1.54*	
03 21 11 00-0078	LF	#18, Grade 60, Columns, Low Alloy Steel Reinforcement Bar	20.14	
		For Up To 100, Add	*9.78*	
		For >100 To 200, Add	*5.28*	
		For >200 To 300, Add	*2.64*	

03 21 11 00-0079 Footings, Steel Reinforcement Bar *(03 21 11)*

Note: ASTM A-615 Plain Steel and A-706 Low Alloy Steel.

03 21 11 00-0080	LF	#3, Grade 40, Footings, Steel Reinforcement Bar	0.71	
		For Up To 100, Add	*0.46*	
		For >100 To 200, Add	*0.25*	
		For >200 To 500, Add	*0.10*	
03 21 11 00-0081	LF	#4, Grade 40, Footings, Steel Reinforcement Bar	1.21	
		For Up To 100, Add	*0.80*	
		For >100 To 200, Add	*0.43*	
		For >200 To 500, Add	*0.17*	
03 21 11 00-0082	LF	#5, Grade 40, Footings, Steel Reinforcement Bar	1.81	
		For Up To 100, Add	*1.21*	
		For >100 To 200, Add	*0.66*	
		For >200 To 500, Add	*0.26*	
03 21 11 00-0083	LF	#6, Grade 40, Footings, Steel Reinforcement Bar	2.48	
		For Up To 100, Add	*1.69*	
		For >100 To 200, Add	*0.91*	
		For >200 To 500, Add	*0.37*	
03 21 11 00-0084	LF	#3, Grade 50, Footings, Steel Reinforcement Bar	0.73	
		For Up To 100, Add	*0.48*	
		For >100 To 200, Add	*0.26*	
		For >200 To 500, Add	*0.10*	
03 21 11 00-0085	LF	#4, Grade 50, Footings, Steel Reinforcement Bar	1.23	
		For Up To 100, Add	*0.82*	
		For >100 To 200, Add	*0.44*	
		For >200 To 500, Add	*0.18*	
03 21 11 00-0086	LF	#5, Grade 50, Footings, Steel Reinforcement Bar	1.85	
		For Up To 100, Add	*1.25*	
		For >100 To 200, Add	*0.68*	
		For >200 To 500, Add	*0.27*	
03 21 11 00-0087	LF	#6, Grade 50, Footings, Steel Reinforcement Bar	2.53	
		For Up To 100, Add	*1.74*	
		For >100 To 200, Add	*0.94*	
		For >200 To 500, Add	*0.38*	
03 21 11 00-0088	LF	#3, Grade 60, Footings, Steel Reinforcement Bar	0.75	
		For Up To 100, Add	*0.50*	
		For >100 To 200, Add	*0.27*	
		For >200 To 500, Add	*0.11*	
03 21 11 00-0089	LF	#4, Grade 60, Footings, Steel Reinforcement Bar	1.27	
		For Up To 100, Add	*0.86*	
		For >100 To 200, Add	*0.46*	
		For >200 To 500, Add	*0.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 11 00-0090	LF	#5, Grade 60, Footings, Steel Reinforcement Bar	1.91	
		For Up To 100, Add	*1.31*	
		For >100 To 200, Add	*0.71*	
		For >200 To 500, Add	*0.28*	
03 21 11 00-0091	LF	#6, Grade 60, Footings, Steel Reinforcement Bar	2.62	
		For Up To 100, Add	*1.83*	
		For >100 To 200, Add	*0.98*	
		For >200 To 500, Add	*0.39*	
03 21 11 00-0092	LF	#7, Grade 60, Footings, Steel Reinforcement Bar	3.40	
		For Up To 100, Add	*1.90*	
		For >100 To 200, Add	*1.12*	
		For >200 To 400, Add	*0.52*	
03 21 11 00-0093	LF	#8, Grade 60, Footings, Steel Reinforcement Bar	4.23	
		For Up To 100, Add	*2.41*	
		For >100 To 200, Add	*1.41*	
		For >200 To 400, Add	*0.66*	
03 21 11 00-0094	LF	#9, Grade 60, Footings, Steel Reinforcement Bar	5.19	
		For Up To 100, Add	*3.00*	
		For >100 To 200, Add	*1.74*	
		For >200 To 400, Add	*0.82*	
03 21 11 00-0095	LF	#10, Grade 60, Footings, Steel Reinforcement Bar	6.34	
		For Up To 100, Add	*3.72*	
		For >100 To 200, Add	*2.15*	
		For >200 To 400, Add	*1.01*	
		For Up To 100, Add	*3.03*	
		For >100 To 200, Add	*1.64*	
		For >200 To 300, Add	*0.82*	
03 21 11 00-0096	LF	#11, Grade 60, Footings, Steel Reinforcement Bar	7.54	
		For Up To 100, Add	*4.50*	
		For >100 To 200, Add	*2.58*	
		For >200 To 400, Add	*1.22*	
		For Up To 100, Add	*3.65*	
		For >100 To 200, Add	*1.97*	
		For >200 To 300, Add	*0.99*	
03 21 11 00-0097	LF	#14, Grade 60, Footings, Steel Reinforcement Bar	10.43	
		For Up To 100, Add	*6.32*	
		For >100 To 200, Add	*3.61*	
		For >200 To 400, Add	*1.71*	
		For Up To 100, Add	*5.13*	
		For >100 To 200, Add	*2.75*	
		For >200 To 300, Add	*1.38*	
03 21 11 00-0098	LF	#18, Grade 60, Footings, Steel Reinforcement Bar	17.80	
		For Up To 100, Add	*10.98*	
		For >100 To 200, Add	*6.23*	
		For >200 To 400, Add	*2.97*	
		For Up To 100, Add	*8.90*	
		For >100 To 200, Add	*4.75*	
		For >200 To 300, Add	*2.37*	
03 21 11 00-0099	LF	#6, Grade 75, Footings, Steel Reinforcement Bar	2.71	
		For Up To 100, Add	*1.92*	
		For >100 To 200, Add	*1.03*	
		For >200 To 500, Add	*0.41*	
		For Up To 100, Add	*1.51*	
		For >100 To 200, Add	*0.89*	
		For >200 To 400, Add	*0.41*	
03 21 11 00-0100	LF	#7, Grade 75, Footings, Steel Reinforcement Bar	3.52	
		For Up To 100, Add	*1.99*	
		For >100 To 200, Add	*1.17*	
		For >200 To 400, Add	*0.54*	
03 21 11 00-0101	LF	#8, Grade 75, Footings, Steel Reinforcement Bar	4.39	
		For Up To 100, Add	*2.53*	
		For >100 To 200, Add	*1.47*	
		For >200 To 400, Add	*0.69*	
03 21 11 00-0102	LF	#9, Grade 75, Footings, Steel Reinforcement Bar	5.39	
		For Up To 100, Add	*3.15*	
		For >100 To 200, Add	*1.82*	
		For >200 To 400, Add	*0.86*	
03 21 11 00-0103	LF	#10, Grade 75, Footings, Steel Reinforcement Bar	6.59	
		For Up To 100, Add	*3.18*	
		For >100 To 200, Add	*1.72*	
		For >200 To 300, Add	*0.86*	
03 21 11 00-0104	LF	#11, Grade 75, Footings, Steel Reinforcement Bar	7.85	
		For Up To 100, Add	*3.84*	
		For >100 To 200, Add	*2.07*	
		For >200 To 300, Add	*1.03*	
03 21 11 00-0105	LF	#14, Grade 75, Footings, Steel Reinforcement Bar	10.87	
		For Up To 100, Add	*5.40*	
		For >100 To 200, Add	*2.89*	
		For >200 To 300, Add	*1.44*	
03 21 11 00-0106	LF	#18, Grade 75, Footings, Steel Reinforcement Bar	18.59	
		For Up To 100, Add	*9.38*	
		For >100 To 200, Add	*4.99*	
		For >200 To 300, Add	*2.49*	
03 21 11 00-0107	LF	#3, Grade 60, Footings, Low Alloy Steel Reinforcement Bar	0.76	
		For Up To 100, Add	*0.51*	
		For >100 To 200, Add	*0.28*	
		For >200 To 500, Add	*0.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 11 00-0108	LF	#4, Grade 60, Footings, Low Alloy Steel Reinforcement Bar	1.30	
		For Up To 100, Add	*0.89*	
		For >100 To 200, Add	*0.48*	
		For >200 To 500, Add	*0.19*	
03 21 11 00-0109	LF	#5, Grade 60, Footings, Low Alloy Steel Reinforcement Bar	1.96	
		For Up To 100, Add	*1.36*	
		For >100 To 200, Add	*0.73*	
		For >200 To 500, Add	*0.29*	
03 21 11 00-0110	LF	#6, Grade 60, Footings, Low Alloy Steel Reinforcement Bar	2.69	
		For Up To 100, Add	*1.90*	
		For >100 To 200, Add	*1.02*	
		For >200 To 500, Add	*0.41*	
03 21 11 00-0111	LF	#7, Grade 60, Footings, Low Alloy Steel Reinforcement Bar	3.49	
		For Up To 100, Add	*1.97*	
		For >100 To 200, Add	*1.15*	
		For >200 To 400, Add	*0.54*	
03 21 11 00-0112	LF	#8, Grade 60, Footings, Low Alloy Steel Reinforcement Bar	4.35	
		For Up To 100, Add	*2.50*	
		For >100 To 200, Add	*1.46*	
		For >200 To 400, Add	*0.68*	
03 21 11 00-0113	LF	#9, Grade 60, Footings, Low Alloy Steel Reinforcement Bar	5.34	
		For Up To 100, Add	*3.12*	
		For >100 To 200, Add	*1.80*	
		For >200 To 400, Add	*0.85*	
03 21 11 00-0114	LF	#10, Grade 60, Footings, Low Alloy Steel Reinforcement Bar	6.52	
		For Up To 100, Add	*3.14*	
		For >100 To 200, Add	*1.70*	
		For >200 To 300, Add	*0.85*	
03 21 11 00-0115	LF	#11, Grade 60, Footings, Low Alloy Steel Reinforcement Bar	7.77	
		For Up To 100, Add	*3.79*	
		For >100 To 200, Add	*2.04*	
		For >200 To 300, Add	*1.02*	
03 21 11 00-0116	LF	#14, Grade 60, Footings, Low Alloy Steel Reinforcement Bar	10.76	
		For Up To 100, Add	*5.33*	
		For >100 To 200, Add	*2.85*	
		For >200 To 300, Add	*1.43*	
03 21 11 00-0117	LF	#18, Grade 60, Footings, Low Alloy Steel Reinforcement Bar	18.39	
		For Up To 100, Add	*9.26*	
		For >100 To 200, Add	*4.93*	
		For >200 To 300, Add	*2.46*	

03 21 11 00-0118 Slab On Grade, Steel Reinforcement Bar *(03 21 11)*

Note: ASTM A-615 Plain Steel and A-706 Low Alloy Steel.

03 21 11 00-0119	LF	#3, Grade 40, Slab On Grade, Steel Reinforcement Bar	0.69	
		For Up To 100, Add	*0.45*	
		For >100 To 200, Add	*0.25*	
		For >200 To 500, Add	*0.10*	
03 21 11 00-0120	LF	#4, Grade 40, Slab On Grade, Steel Reinforcement Bar	1.17	
		For Up To 100, Add	*0.78*	
		For >100 To 200, Add	*0.42*	
		For >200 To 500, Add	*0.17*	
03 21 11 00-0121	LF	#5, Grade 40, Slab On Grade, Steel Reinforcement Bar	1.74	
		For Up To 100, Add	*1.18*	
		For >100 To 200, Add	*0.64*	
		For >200 To 500, Add	*0.26*	
03 21 11 00-0122	LF	#6, Grade 40, Slab On Grade, Steel Reinforcement Bar	2.40	
		For Up To 100, Add	*1.66*	
		For >100 To 200, Add	*0.89*	
		For >200 To 500, Add	*0.36*	
03 21 11 00-0123	LF	#3, Grade 50, Slab On Grade, Steel Reinforcement Bar	0.71	
		For Up To 100, Add	*0.47*	
		For >100 To 200, Add	*0.26*	
		For >200 To 500, Add	*0.10*	
03 21 11 00-0124	LF	#4, Grade 50, Slab On Grade, Steel Reinforcement Bar	1.19	
		For Up To 100, Add	*0.80*	
		For >100 To 200, Add	*0.43*	
		For >200 To 500, Add	*0.17*	
03 21 11 00-0125	LF	#5, Grade 50, Slab On Grade, Steel Reinforcement Bar	1.78	
		For Up To 100, Add	*1.22*	
		For >100 To 200, Add	*0.66*	
		For >200 To 500, Add	*0.26*	
03 21 11 00-0126	LF	#6, Grade 50, Slab On Grade, Steel Reinforcement Bar	2.45	
		For Up To 100, Add	*1.71*	
		For >100 To 200, Add	*0.92*	
		For >200 To 500, Add	*0.37*	
03 21 11 00-0127	LF	#3, Grade 60, Slab On Grade, Steel Reinforcement Bar	0.73	
		For Up To 100, Add	*0.49*	
		For >100 To 200, Add	*0.27*	
		For >200 To 500, Add	*0.11*	
03 21 11 00-0128	LF	#4, Grade 60, Slab On Grade, Steel Reinforcement Bar	1.23	
		For Up To 100, Add	*0.84*	
		For >100 To 200, Add	*0.45*	
		For >200 To 500, Add	*0.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 11 00-0129	LF	#5, Grade 60, Slab On Grade, Steel Reinforcement Bar	1.84	
		For Up To 100, Add	*1.28*	
		For >100 To 200, Add	*0.69*	
		For >200 To 500, Add	*0.28*	
03 21 11 00-0130	LF	#6, Grade 60, Slab On Grade, Steel Reinforcement Bar	2.54	
		For Up To 100, Add	*1.80*	
		For >100 To 200, Add	*0.96*	
		For >200 To 500, Add	*0.39*	
03 21 11 00-0131	LF	#7, Grade 60, Slab On Grade, Steel Reinforcement Bar	3.31	
		For Up To 100, Add	*1.87*	
		For >100 To 200, Add	*1.09*	
		For >200 To 400, Add	*0.51*	
03 21 11 00-0132	LF	#8, Grade 60, Slab On Grade, Steel Reinforcement Bar	4.12	
		For Up To 100, Add	*2.37*	
		For >100 To 200, Add	*1.38*	
		For >200 To 400, Add	*0.65*	
03 21 11 00-0133	LF	#9, Grade 60, Slab On Grade, Steel Reinforcement Bar	5.06	
		For Up To 100, Add	*2.96*	
		For >100 To 200, Add	*1.71*	
		For >200 To 400, Add	*0.80*	
03 21 11 00-0134	LF	#10, Grade 60, Slab On Grade, Steel Reinforcement Bar	6.18	
		For Up To 100, Add	*2.98*	
		For >100 To 200, Add	*1.61*	
		For >200 To 300, Add	*0.81*	
03 21 11 00-0135	LF	#11, Grade 60, Slab On Grade, Steel Reinforcement Bar	7.37	
		For Up To 100, Add	*3.60*	
		For >100 To 200, Add	*1.94*	
		For >200 To 300, Add	*0.97*	
03 21 11 00-0136	LF	#14, Grade 60, Slab On Grade, Steel Reinforcement Bar	10.20	
		For Up To 100, Add	*5.06*	
		For >100 To 200, Add	*2.71*	
		For >200 To 300, Add	*1.35*	
03 21 11 00-0137	LF	#18, Grade 60, Slab On Grade, Steel Reinforcement Bar	17.45	
		For Up To 100, Add	*8.80*	
		For >100 To 200, Add	*4.68*	
		For >200 To 300, Add	*2.34*	
03 21 11 00-0138	LF	#6, Grade 75, Slab On Grade, Steel Reinforcement Bar	2.63	
		For Up To 100, Add	*1.89*	
		For >100 To 200, Add	*1.01*	
		For >200 To 500, Add	*0.40*	
03 21 11 00-0139	LF	#7, Grade 75, Slab On Grade, Steel Reinforcement Bar	3.43	
		For Up To 100, Add	*1.96*	
		For >100 To 200, Add	*1.14*	
		For >200 To 400, Add	*0.53*	
03 21 11 00-0140	LF	#8, Grade 75, Slab On Grade, Steel Reinforcement Bar	4.28	
		For Up To 100, Add	*2.49*	
		For >100 To 200, Add	*1.44*	
		For >200 To 400, Add	*0.68*	
03 21 11 00-0141	LF	#9, Grade 75, Slab On Grade, Steel Reinforcement Bar	5.26	
		For Up To 100, Add	*3.11*	
		For >100 To 200, Add	*1.79*	
		For >200 To 400, Add	*0.84*	
03 21 11 00-0142	LF	#10, Grade 75, Slab On Grade, Steel Reinforcement Bar	6.43	
		For Up To 100, Add	*3.13*	
		For >100 To 200, Add	*1.69*	
		For >200 To 300, Add	*0.84*	
03 21 11 00-0143	LF	#11, Grade 75, Slab On Grade, Steel Reinforcement Bar	7.68	
		For Up To 100, Add	*3.79*	
		For >100 To 200, Add	*2.03*	
		For >200 To 300, Add	*1.02*	
03 21 11 00-0144	LF	#14, Grade 75, Slab On Grade, Steel Reinforcement Bar	10.64	
		For Up To 100, Add	*5.33*	
		For >100 To 200, Add	*2.84*	
		For >200 To 300, Add	*1.42*	
03 21 11 00-0145	LF	#18, Grade 75, Slab On Grade, Steel Reinforcement Bar	18.24	
		For Up To 100, Add	*9.27*	
		For >100 To 200, Add	*4.92*	
		For >200 To 300, Add	*2.46*	
03 21 11 00-0146	LF	#3, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	0.74	
		For Up To 100, Add	*0.50*	
		For >100 To 200, Add	*0.27*	
		For >200 To 500, Add	*0.11*	
03 21 11 00-0147	LF	#4, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	1.26	
		For Up To 100, Add	*0.87*	
		For >100 To 200, Add	*0.47*	
		For >200 To 500, Add	*0.19*	
03 21 11 00-0148	LF	#5, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	1.89	
		For Up To 100, Add	*1.33*	
		For >100 To 200, Add	*0.71*	
		For >200 To 500, Add	*0.29*	
03 21 11 00-0149	LF	#6, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	2.61	
		For Up To 100, Add	*1.87*	
		For >100 To 200, Add	*1.00*	
		For >200 To 500, Add	*0.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 11 00-0150	LF	#7, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	3.40	
		For Up To 100, Add	*1.94*	
		For >100 To 200, Add	*1.13*	
		For >200 To 400, Add	*0.53*	
03 21 11 00-0151	LF	#8, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	4.24	
		For Up To 100, Add	*2.46*	
		For >100 To 200, Add	*1.43*	
		For >200 To 400, Add	*0.67*	
03 21 11 00-0152	LF	#9, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	5.21	
		For Up To 100, Add	*3.07*	
		For >100 To 200, Add	*1.77*	
		For >200 To 400, Add	*0.83*	
03 21 11 00-0153	LF	#10, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	6.36	
		For Up To 100, Add	*3.09*	
		For >100 To 200, Add	*1.67*	
		For >200 To 300, Add	*0.83*	
03 21 11 00-0154	LF	#11, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	7.60	
		For Up To 100, Add	*3.74*	
		For >100 To 200, Add	*2.01*	
		For >200 To 300, Add	*1.00*	
03 21 11 00-0155	LF	#14, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	10.53	
		For Up To 100, Add	*5.26*	
		For >100 To 200, Add	*2.81*	
		For >200 To 300, Add	*1.40*	
03 21 11 00-0156	LF	#18, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	18.04	
		For Up To 100, Add	*9.15*	
		For >100 To 200, Add	*4.86*	
		For >200 To 300, Add	*2.43*	

03 21 11 00-0157 Elevated Slabs, Steel Reinforcement Bar *(03 21 11)*

Note: ASTM A-615 Plain Steel and A-706 Low Alloy Steel.

03 21 11 00-0158	LF	#3, Grade 40, Elevated Slabs, Steel Reinforcement Bar	0.63	
		For Up To 100, Add	*0.43*	
		For >100 To 200, Add	*0.23*	
		For >200 To 500, Add	*0.09*	
03 21 11 00-0159	LF	#4, Grade 40, Elevated Slabs, Steel Reinforcement Bar	1.08	
		For Up To 100, Add	*0.74*	
		For >100 To 200, Add	*0.40*	
		For >200 To 500, Add	*0.16*	
03 21 11 00-0160	LF	#5, Grade 40, Elevated Slabs, Steel Reinforcement Bar	1.63	
		For Up To 100, Add	*1.14*	
		For >100 To 200, Add	*0.61*	
		For >200 To 500, Add	*0.24*	
03 21 11 00-0161	LF	#6, Grade 40, Elevated Slabs, Steel Reinforcement Bar	2.24	
		For Up To 100, Add	*1.60*	
		For >100 To 200, Add	*0.85*	
		For >200 To 500, Add	*0.34*	
03 21 11 00-0162	LF	#3, Grade 50, Elevated Slabs, Steel Reinforcement Bar	0.65	
		For Up To 100, Add	*0.45*	
		For >100 To 200, Add	*0.24*	
		For >200 To 500, Add	*0.10*	
03 21 11 00-0163	LF	#4, Grade 50, Elevated Slabs, Steel Reinforcement Bar	1.10	
		For Up To 100, Add	*0.76*	
		For >100 To 200, Add	*0.41*	
		For >200 To 500, Add	*0.16*	
03 21 11 00-0164	LF	#5, Grade 50, Elevated Slabs, Steel Reinforcement Bar	1.67	
		For Up To 100, Add	*1.18*	
		For >100 To 200, Add	*0.63*	
		For >200 To 500, Add	*0.25*	
03 21 11 00-0165	LF	#6, Grade 50, Elevated Slabs, Steel Reinforcement Bar	2.29	
		For Up To 100, Add	*1.65*	
		For >100 To 200, Add	*0.88*	
		For >200 To 500, Add	*0.35*	
03 21 11 00-0166	LF	#3, Grade 60, Elevated Slabs, Steel Reinforcement Bar	0.67	
		For Up To 100, Add	*0.47*	
		For >100 To 200, Add	*0.25*	
		For >200 To 500, Add	*0.10*	
03 21 11 00-0167	LF	#4, Grade 60, Elevated Slabs, Steel Reinforcement Bar	1.14	
		For Up To 100, Add	*0.80*	
		For >100 To 200, Add	*0.43*	
		For >200 To 500, Add	*0.17*	
03 21 11 00-0168	LF	#5, Grade 60, Elevated Slabs, Steel Reinforcement Bar	1.73	
		For Up To 100, Add	*1.24*	
		For >100 To 200, Add	*0.66*	
		For >200 To 500, Add	*0.26*	
03 21 11 00-0169	LF	#6, Grade 60, Elevated Slabs, Steel Reinforcement Bar	2.38	
		For Up To 100, Add	*1.74*	
		For >100 To 200, Add	*0.92*	
		For >200 To 500, Add	*0.37*	
03 21 11 00-0170	LF	#7, Grade 60, Elevated Slabs, Steel Reinforcement Bar	3.12	
		For Up To 100, Add	*1.80*	
		For >100 To 200, Add	*1.05*	
		For >200 To 400, Add	*0.49*	

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MINOR CSI UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 11 00-0171	LF #8, Grade 60, Elevated Slabs, Steel Reinforcement Bar	3.89	
	For Up To 100, Add	*2.29*	
	For >100 To 200, Add	*1.32*	
	For >200 To 400, Add	*0.62*	
03 21 11 00-0172	LF #9, Grade 60, Elevated Slabs, Steel Reinforcement Bar	4.81	
	For Up To 100, Add	*2.87*	
	For >100 To 200, Add	*1.65*	
	For >200 To 400, Add	*0.78*	
03 21 11 00-0173	LF #10, Grade 60, Elevated Slabs, Steel Reinforcement Bar	5.89	
	For Up To 100, Add	*2.90*	
	For >100 To 200, Add	*1.55*	
	For >200 To 300, Add	*0.78*	
03 21 11 00-0174	LF #11, Grade 60, Elevated Slabs, Steel Reinforcement Bar	7.03	
	For Up To 100, Add	*3.50*	
	For >100 To 200, Add	*1.87*	
	For >200 To 300, Add	*0.94*	
03 21 11 00-0175	LF #14, Grade 60, Elevated Slabs, Steel Reinforcement Bar	9.77	
	For Up To 100, Add	*4.94*	
	For >100 To 200, Add	*2.62*	
	For >200 To 300, Add	*1.31*	
03 21 11 00-0176	LF #18, Grade 60, Elevated Slabs, Steel Reinforcement Bar	16.77	
	For Up To 100, Add	*8.60*	
	For >100 To 200, Add	*4.54*	
	For >200 To 300, Add	*2.27*	
03 21 11 00-0177	LF #6, Grade 75, Elevated Slabs, Steel Reinforcement Bar	2.47	
	For Up To 100, Add	*1.83*	
	For >100 To 200, Add	*0.97*	
	For >200 To 500, Add	*0.39*	
03 21 11 00-0178	LF #7, Grade 75, Elevated Slabs, Steel Reinforcement Bar	3.24	
	For Up To 100, Add	*1.89*	
	For >100 To 200, Add	*1.10*	
	For >200 To 400, Add	*0.51*	
03 21 11 00-0179	LF #8, Grade 75, Elevated Slabs, Steel Reinforcement Bar	4.05	
	For Up To 100, Add	*2.41*	
	For >100 To 200, Add	*1.39*	
	For >200 To 400, Add	*0.65*	
03 21 11 00-0180	LF #9, Grade 75, Elevated Slabs, Steel Reinforcement Bar	5.01	
	For Up To 100, Add	*3.02*	
	For >100 To 200, Add	*1.73*	
	For >200 To 400, Add	*0.82*	
03 21 11 00-0181	LF #10, Grade 75, Elevated Slabs, Steel Reinforcement Bar	6.14	
	For Up To 100, Add	*3.05*	
	For >100 To 200, Add	*1.63*	
	For >200 To 300, Add	*0.81*	
03 21 11 00-0182	LF #11, Grade 75, Elevated Slabs, Steel Reinforcement Bar	7.34	
	For Up To 100, Add	*3.69*	
	For >100 To 200, Add	*1.96*	
	For >200 To 300, Add	*0.98*	
03 21 11 00-0183	LF #14, Grade 75, Elevated Slabs, Steel Reinforcement Bar	10.21	
	For Up To 100, Add	*5.20*	
	For >100 To 200, Add	*2.75*	
	For >200 To 300, Add	*1.38*	
03 21 11 00-0184	LF #18, Grade 75, Elevated Slabs, Steel Reinforcement Bar	17.56	
	For Up To 100, Add	*9.07*	
	For >100 To 200, Add	*4.78*	
	For >200 To 300, Add	*2.39*	
03 21 11 00-0185	LF #3, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar	0.68	
	For Up To 100, Add	*0.48*	
	For >100 To 200, Add	*0.26*	
	For >200 To 500, Add	*0.10*	
03 21 11 00-0186	LF #4, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar	1.17	
	For Up To 100, Add	*0.83*	
	For >100 To 200, Add	*0.45*	
	For >200 To 500, Add	*0.18*	
03 21 11 00-0187	LF #5, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar	1.78	
	For Up To 100, Add	*1.29*	
	For >100 To 200, Add	*0.69*	
	For >200 To 500, Add	*0.27*	
03 21 11 00-0188	LF #6, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar	2.45	
	For Up To 100, Add	*1.81*	
	For >100 To 200, Add	*0.96*	
	For >200 To 500, Add	*0.38*	
03 21 11 00-0189	LF #7, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar	3.21	
	For Up To 100, Add	*1.87*	
	For >100 To 200, Add	*1.08*	
	For >200 To 400, Add	*0.51*	
03 21 11 00-0190	LF #8, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar	4.01	
	For Up To 100, Add	*2.38*	
	For >100 To 200, Add	*1.37*	
	For >200 To 400, Add	*0.65*	
03 21 11 00-0191	LF #9, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar	4.96	
	For Up To 100, Add	*2.98*	
	For >100 To 200, Add	*1.71*	
	For >200 To 400, Add	*0.81*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 11 00-0192	LF	#10, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar	6.07	
		For Up To 100, Add	*3.00*	
		For >100 To 200, Add	*1.61*	
		For >200 To 300, Add	*0.80*	
03 21 11 00-0193	LF	#11, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar	7.26	
		For Up To 100, Add	*3.64*	
		For >100 To 200, Add	*1.94*	
		For >200 To 300, Add	*0.97*	
03 21 11 00-0194	LF	#14, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar	10.10	
		For Up To 100, Add	*5.13*	
		For >100 To 200, Add	*2.72*	
		For >200 To 300, Add	*1.36*	
03 21 11 00-0195	LF	#18, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar	17.36	
		For Up To 100, Add	*8.95*	
		For >100 To 200, Add	*4.72*	
		For >200 To 300, Add	*2.36*	

03 21 11 00-0196 Walls, Steel Reinforcement Bar *(03 21 11)*

Note: ASTM A-615 Plain Steel and A-706 Low Alloy Steel.

03 21 11 00-0197	LF	#3, Grade 40, Walls, Steel Reinforcement Bar	0.61	
		For Up To 100, Add	*0.42*	
		For >100 To 200, Add	*0.23*	
		For >200 To 500, Add	*0.09*	
03 21 11 00-0198	LF	#4, Grade 40, Walls, Steel Reinforcement Bar	1.04	
		For Up To 100, Add	*0.73*	
		For >100 To 200, Add	*0.39*	
		For >200 To 500, Add	*0.16*	
03 21 11 00-0199	LF	#5, Grade 40, Walls, Steel Reinforcement Bar	1.56	
		For Up To 100, Add	*1.11*	
		For >100 To 200, Add	*0.59*	
		For >200 To 500, Add	*0.24*	
03 21 11 00-0200	LF	#6, Grade 40, Walls, Steel Reinforcement Bar	2.17	
		For Up To 100, Add	*1.57*	
		For >100 To 200, Add	*0.84*	
		For >200 To 500, Add	*0.33*	
03 21 11 00-0201	LF	#3, Grade 50, Walls, Steel Reinforcement Bar	0.63	
		For Up To 100, Add	*0.44*	
		For >100 To 200, Add	*0.24*	
		For >200 To 500, Add	*0.09*	
03 21 11 00-0202	LF	#4, Grade 50, Walls, Steel Reinforcement Bar	1.06	
		For Up To 100, Add	*0.75*	
		For >100 To 200, Add	*0.40*	
		For >200 To 500, Add	*0.16*	
03 21 11 00-0203	LF	#5, Grade 50, Walls, Steel Reinforcement Bar	1.60	
		For Up To 100, Add	*1.15*	
		For >100 To 200, Add	*0.61*	
		For >200 To 500, Add	*0.25*	
03 21 11 00-0204	LF	#6, Grade 50, Walls, Steel Reinforcement Bar	2.22	
		For Up To 100, Add	*1.62*	
		For >100 To 200, Add	*0.86*	
		For >200 To 500, Add	*0.34*	
03 21 11 00-0205	LF	#3, Grade 60, Walls, Steel Reinforcement Bar	0.65	
		For Up To 100, Add	*0.46*	
		For >100 To 200, Add	*0.25*	
		For >200 To 500, Add	*0.10*	
03 21 11 00-0206	LF	#4, Grade 60, Walls, Steel Reinforcement Bar	1.10	
		For Up To 100, Add	*0.79*	
		For >100 To 200, Add	*0.42*	
		For >200 To 500, Add	*0.17*	
03 21 11 00-0207	LF	#5, Grade 60, Walls, Steel Reinforcement Bar	1.66	
		For Up To 100, Add	*1.21*	
		For >100 To 200, Add	*0.64*	
		For >200 To 500, Add	*0.26*	
03 21 11 00-0208	LF	#6, Grade 60, Walls, Steel Reinforcement Bar	2.31	
		For Up To 100, Add	*1.71*	
		For >100 To 200, Add	*0.91*	
		For >200 To 500, Add	*0.36*	
03 21 11 00-0209	LF	#7, Grade 60, Walls, Steel Reinforcement Bar	3.01	
		For Up To 100, Add	*1.77*	
		For >100 To 200, Add	*1.02*	
		For >200 To 400, Add	*0.48*	
03 21 11 00-0210	LF	#8, Grade 60, Walls, Steel Reinforcement Bar	3.78	
		For Up To 100, Add	*2.26*	
		For >100 To 200, Add	*1.29*	
		For >200 To 400, Add	*0.61*	
03 21 11 00-0211	LF	#9, Grade 60, Walls, Steel Reinforcement Bar	4.68	
		For Up To 100, Add	*2.83*	
		For >100 To 200, Add	*1.62*	
		For >200 To 400, Add	*0.77*	
03 21 11 00-0212	LF	#10, Grade 60, Walls, Steel Reinforcement Bar	5.74	
		For Up To 100, Add	*2.85*	
		For >100 To 200, Add	*1.52*	
		For >200 To 300, Add	*0.76*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 11 00-0213	LF	#11, Grade 60, Walls, Steel Reinforcement Bar	6.86	
		For Up To 100, Add	*3.45*	
		For >100 To 200, Add	*1.84*	
		For >200 To 300, Add	*0.92*	
03 21 11 00-0214	LF	#14, Grade 60, Walls, Steel Reinforcement Bar	9.55	
		For Up To 100, Add	*4.87*	
		For >100 To 200, Add	*2.58*	
		For >200 To 300, Add	*1.29*	
03 21 11 00-0215	LF	#18, Grade 60, Walls, Steel Reinforcement Bar	16.42	
		For Up To 100, Add	*8.49*	
		For >100 To 200, Add	*4.47*	
		For >200 To 300, Add	*2.24*	
03 21 11 00-0216	LF	#6, Grade 75, Walls, Steel Reinforcement Bar	2.40	
		For Up To 100, Add	*1.80*	
		For >100 To 200, Add	*0.95*	
		For >200 To 500, Add	*0.38*	
03 21 11 00-0217	LF	#7, Grade 75, Walls, Steel Reinforcement Bar	3.13	
		For Up To 100, Add	*1.86*	
		For >100 To 200, Add	*1.07*	
		For >200 To 400, Add	*0.50*	
03 21 11 00-0218	LF	#8, Grade 75, Walls, Steel Reinforcement Bar	3.94	
		For Up To 100, Add	*2.38*	
		For >100 To 200, Add	*1.36*	
		For >200 To 400, Add	*0.64*	
03 21 11 00-0219	LF	#9, Grade 75, Walls, Steel Reinforcement Bar	4.88	
		For Up To 100, Add	*2.98*	
		For >100 To 200, Add	*1.70*	
		For >200 To 400, Add	*0.81*	
03 21 11 00-0220	LF	#10, Grade 75, Walls, Steel Reinforcement Bar	5.99	
		For Up To 100, Add	*3.00*	
		For >100 To 200, Add	*1.60*	
		For >200 To 300, Add	*0.80*	
03 21 11 00-0221	LF	#11, Grade 75, Walls, Steel Reinforcement Bar	7.17	
		For Up To 100, Add	*3.64*	
		For >100 To 200, Add	*1.93*	
		For >200 To 300, Add	*0.96*	
03 21 11 00-0222	LF	#14, Grade 75, Walls, Steel Reinforcement Bar	9.99	
		For Up To 100, Add	*5.13*	
		For >100 To 200, Add	*2.71*	
		For >200 To 300, Add	*1.36*	
03 21 11 00-0223	LF	#18, Grade 75, Walls, Steel Reinforcement Bar	17.21	
		For Up To 100, Add	*8.96*	
		For >100 To 200, Add	*4.71*	
		For >200 To 300, Add	*2.35*	
03 21 11 00-0224	LF	#3, Grade 60, Walls, Low Alloy Steel Reinforcement Bar	0.66	
		For Up To 100, Add	*0.47*	
		For >100 To 200, Add	*0.25*	
		For >200 To 500, Add	*0.10*	
03 21 11 00-0225	LF	#4, Grade 60, Walls, Low Alloy Steel Reinforcement Bar	1.13	
		For Up To 100, Add	*0.82*	
		For >100 To 200, Add	*0.44*	
		For >200 To 500, Add	*0.17*	
03 21 11 00-0226	LF	#5, Grade 60, Walls, Low Alloy Steel Reinforcement Bar	1.71	
		For Up To 100, Add	*1.26*	
		For >100 To 200, Add	*0.67*	
		For >200 To 500, Add	*0.27*	
03 21 11 00-0227	LF	#6, Grade 60, Walls, Low Alloy Steel Reinforcement Bar	2.38	
		For Up To 100, Add	*1.78*	
		For >100 To 200, Add	*0.94*	
		For >200 To 500, Add	*0.38*	
03 21 11 00-0228	LF	#7, Grade 60, Walls, Low Alloy Steel Reinforcement Bar	3.10	
		For Up To 100, Add	*1.83*	
		For >100 To 200, Add	*1.06*	
		For >200 To 400, Add	*0.50*	
03 21 11 00-0229	LF	#8, Grade 60, Walls, Low Alloy Steel Reinforcement Bar	3.90	
		For Up To 100, Add	*2.35*	
		For >100 To 200, Add	*1.34*	
		For >200 To 400, Add	*0.64*	
03 21 11 00-0230	LF	#9, Grade 60, Walls, Low Alloy Steel Reinforcement Bar	4.83	
		For Up To 100, Add	*2.94*	
		For >100 To 200, Add	*1.68*	
		For >200 To 400, Add	*0.80*	
03 21 11 00-0231	LF	#10, Grade 60, Walls, Low Alloy Steel Reinforcement Bar	5.92	
		For Up To 100, Add	*2.96*	
		For >100 To 200, Add	*1.58*	
		For >200 To 300, Add	*0.79*	
03 21 11 00-0232	LF	#11, Grade 60, Walls, Low Alloy Steel Reinforcement Bar	7.09	
		For Up To 100, Add	*3.59*	
		For >100 To 200, Add	*1.91*	
		For >200 To 300, Add	*0.95*	
03 21 11 00-0233	LF	#14, Grade 60, Walls, Low Alloy Steel Reinforcement Bar	9.88	
		For Up To 100, Add	*5.07*	
		For >100 To 200, Add	*2.68*	
		For >200 To 300, Add	*1.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 11 00-0234	LF	#18, Grade 60, Walls, Low Alloy Steel Reinforcement Bar	17.01	
		For Up To 100, Add	*8.84*	
		For >100 To 200, Add	*4.65*	
		For >200 To 300, Add	*2.32*	

03 21 11 00-0235 Mechanical Joint Connection *(03 21 11)*

03 21 11 00-0236 Thermal Type Mechanical Joint Connection *(03 21 11 00-0235)*

03 21 11 00-0237	EA	Thermal Type Mechanical Joint Connection, Add Per Splice	253.81

03 21 11 00-0238 Screwed Type Mechanical Joint Connection *(03 21 11 00-0235)*

03 21 11 00-0239	EA	Screwed Type Mechanical Joint Connection, Add Per Splice	139.68

03 21 11 00-0240 Deformed Straight Dowels *(03 21 11)*

Note: Excludes drilling. See CSI section 02 41 19 13-0271 for drilling in concrete.

03 21 11 00-0241	EA	3/8" Diameter x 24" Long, Deformed Straight Dowel	2.95
		For Up To 12" Length, Deduct	*-0.35*
		For >12" To <24" Length, Deduct	*-0.17*
03 21 11 00-0242	EA	1/2" Diameter x 24" Long, Deformed Straight Dowel	3.53
		For Up To 12" Length, Deduct	*-0.46*
		For >12" To <24" Length, Deduct	*-0.23*
03 21 11 00-0243	EA	5/8" Diameter x 24" Long, Deformed Straight Dowel	4.32
		For Up To 12" Length, Deduct	*-0.72*
		For >12" To <24" Length, Deduct	*-0.36*
03 21 11 00-0244	EA	3/4" Diameter x 24" Long, Deformed Straight Dowel	5.26
		For Up To 12" Length, Deduct	*-1.04*
		For >12" To <24" Length, Deduct	*-0.52*
03 21 11 00-0245	EA	7/8" Diameter x 24" Long, Deformed Straight Dowel	6.20
		For Up To 12" Length, Deduct	*-1.45*
		For >12" To <24" Length, Deduct	*-0.73*
03 21 11 00-0246	EA	1" Diameter x 24" Long, Deformed Straight Dowel	7.83
		For Up To 12" Length, Deduct	*-1.86*
		For >12" To <24" Length, Deduct	*-0.93*
03 21 11 00-0247	EA	1-1/8" Diameter x 24" Long, Deformed Straight Dowel	9.22
		For Up To 12" Length, Deduct	*-2.30*
		For >12" To <24" Length, Deduct	*-1.15*
03 21 11 00-0248	EA	1-1/4" Diameter x 24" Long, Deformed Straight Dowel	11.31
		For Up To 12" Length, Deduct	*-3.00*
		For >12" To <24" Length, Deduct	*-1.50*
03 21 11 00-0249	EA	1-3/8" Diameter x 24" Long, Deformed Straight Dowel	13.43
		For Up To 12" Length, Deduct	*-3.71*
		For >12" To <24" Length, Deduct	*-1.85*

03 21 11 00-0250 Spirals, Reinforcing Steel *(03 21 11)*

03 21 11 00-0251	TON	Up To 15" Diameter, Grade 60, Spirals, Reinforcing Steel	3,926.43
		For Grade 75, Add	*136.87*
03 21 11 00-0252	TON	>15" To 24" Diameter, Grade 60, Spirals, Reinforcing Steel	3,875.98
		For Grade 75, Add	*136.87*
03 21 11 00-0253	TON	>24" To 36" Diameter, Grade 60, Spirals, Reinforcing Steel	3,837.53
		For Grade 75, Add	*136.87*
03 21 11 00-0254	TON	>36" To 48" Diameter, Grade 60, Spirals, Reinforcing Steel	3,774.60
		For Grade 75, Add	*136.87*
03 21 11 00-0255	TON	>48" To 64" Diameter, Grade 60, Spirals, Reinforcing Steel	3,689.52
		For Grade 75, Add	*136.87*
03 21 11 00-0256	TON	>64" To 84" Diameter, Grade 60, Spirals, Reinforcing Steel	3,650.25
		For Grade 75, Add	*140.23*
03 21 11 00-0257	TON	>84" To 96" Diameter, Grade 60, Spirals, Reinforcing Steel	3,579.03
		For Grade 75, Add	*140.23*

03 21 11 00-0258 Accessories For Reinforcing Steel *(03 21 11)*

03 21 11 00-0259 Reinforcing Steel Lap-Weld Splice *(03 21 11 00-0258)*

03 21 11 00-0260	EA	Up To #6 Reinforcing Steel Lap-Weld Splice	69.87
03 21 11 00-0261	EA	>#6 Reinforcing Steel Lap-Weld Splice	110.15

03 21 11 00-0262 Reinforcing Steel Sleeve And Wedge Splice Joint *(03 21 11 00-0258)*

03 21 11 00-0263	EA	Up To #4 Reinforcing Steel, Sleeve And Wedge Splice Joint	38.27
03 21 11 00-0264	EA	#5 Reinforcing Steel, Sleeve And Wedge Splice Joint	56.42
03 21 11 00-0265	EA	#6 Reinforcing Steel, Sleeve And Wedge Splice Joint	81.98

03 21 13 Galvanized Reinforcement Steel Bars *(03 21)*

03 21 13 00-0001 Beams And Girders, Galvanized Steel Reinforcement Bar *(03 21 13)*

Note: ASTM A-767 Hot Dipped Galvanized Steel.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 13 00-0002	LF	#3, Grade 40, Beams And Girders, Galvanized Steel Reinforcement Bar	0.94	
		For Up To 100, Add	*0.64*	
		For >100 To 200, Add	*0.35*	
		For >200 To 500, Add	*0.14*	
03 21 13 00-0003	LF	#4, Grade 40, Beams And Girders, Galvanized Steel Reinforcement Bar	1.58	
		For Up To 100, Add	*1.10*	
		For >100 To 200, Add	*0.59*	
		For >200 To 500, Add	*0.24*	
03 21 13 00-0004	LF	#5, Grade 40, Beams And Girders, Galvanized Steel Reinforcement Bar	2.38	
		For Up To 100, Add	*1.68*	
		For >100 To 200, Add	*0.90*	
		For >200 To 500, Add	*0.36*	
03 21 13 00-0005	LF	#6, Grade 40, Beams And Girders, Galvanized Steel Reinforcement Bar	3.30	
		For Up To 100, Add	*2.38*	
		For >100 To 200, Add	*1.27*	
		For >200 To 500, Add	*0.51*	
03 21 13 00-0006	LF	#3, Grade 50, Beams And Girders, Galvanized Steel Reinforcement Bar	0.96	
		For Up To 100, Add	*0.66*	
		For >100 To 200, Add	*0.36*	
		For >200 To 500, Add	*0.14*	
03 21 13 00-0007	LF	#4, Grade 50, Beams And Girders, Galvanized Steel Reinforcement Bar	1.61	
		For Up To 100, Add	*1.13*	
		For >100 To 200, Add	*0.61*	
		For >200 To 500, Add	*0.24*	
03 21 13 00-0008	LF	#5, Grade 50, Beams And Girders, Galvanized Steel Reinforcement Bar	2.42	
		For Up To 100, Add	*1.72*	
		For >100 To 200, Add	*0.92*	
		For >200 To 500, Add	*0.37*	
03 21 13 00-0009	LF	#6, Grade 50, Beams And Girders, Galvanized Steel Reinforcement Bar	3.36	
		For Up To 100, Add	*2.44*	
		For >100 To 200, Add	*1.30*	
		For >200 To 500, Add	*0.52*	
03 21 13 00-0010	LF	#3, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar	0.98	
		For Up To 100, Add	*0.68*	
		For >100 To 200, Add	*0.37*	
		For >200 To 500, Add	*0.15*	
03 21 13 00-0011	LF	#4, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar	1.65	
		For Up To 100, Add	*1.17*	
		For >100 To 200, Add	*0.63*	
		For >200 To 500, Add	*0.25*	
03 21 13 00-0012	LF	#5, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar	2.49	
		For Up To 100, Add	*1.79*	
		For >100 To 200, Add	*0.96*	
		For >200 To 500, Add	*0.38*	
03 21 13 00-0013	LF	#6, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar	3.45	
		For Up To 100, Add	*2.53*	
		For >100 To 200, Add	*1.34*	
		For >200 To 500, Add	*0.54*	
03 21 13 00-0014	LF	#7, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar	4.50	
		For Up To 100, Add	*2.62*	
		For >100 To 200, Add	*1.52*	
		For >200 To 400, Add	*0.71*	
03 21 13 00-0015	LF	#8, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar	5.62	
		For Up To 100, Add	*3.32*	
		For >100 To 200, Add	*1.91*	
		For >200 To 400, Add	*0.90*	
03 21 13 00-0016	LF	#9, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar	6.93	
		For Up To 100, Add	*4.15*	
		For >100 To 200, Add	*2.38*	
		For >200 To 400, Add	*1.13*	
03 21 13 00-0017	LF	#10, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar	8.51	
		For Up To 100, Add	*4.19*	
		For >100 To 200, Add	*2.25*	
		For >200 To 300, Add	*1.12*	
03 21 13 00-0018	LF	#11, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar	10.16	
		For Up To 100, Add	*5.07*	
		For >100 To 200, Add	*2.71*	
		For >200 To 300, Add	*1.35*	
03 21 13 00-0019	LF	#14, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar	14.13	
		For Up To 100, Add	*7.16*	
		For >100 To 200, Add	*3.80*	
		For >200 To 300, Add	*1.90*	
03 21 13 00-0020	LF	#18, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar	24.26	
		For Up To 100, Add	*12.46*	
		For >100 To 200, Add	*6.58*	
		For >200 To 300, Add	*3.29*	
03 21 13 00-0021	LF	#6, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar	3.54	
		For Up To 100, Add	*2.62*	
		For >100 To 200, Add	*1.39*	
		For >200 To 500, Add	*0.55*	
03 21 13 00-0022	LF	#7, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar	4.62	
		For Up To 100, Add	*2.71*	
		For >100 To 200, Add	*1.56*	
		For >200 To 400, Add	*0.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 13 00-0023	LF	#8, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar	5.78	
		For Up To 100, Add	*3.44*	
		For >100 To 200, Add	*1.98*	
		For >200 To 400, Add	*0.93*	
03 21 13 00-0024	LF	#9, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar	7.13	
		For Up To 100, Add	*4.30*	
		For >100 To 200, Add	*2.46*	
		For >200 To 400, Add	*1.17*	
03 21 13 00-0025	LF	#10, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar	8.76	
		For Up To 100, Add	*4.34*	
		For >100 To 200, Add	*2.32*	
		For >200 To 300, Add	*1.16*	
03 21 13 00-0026	LF	#11, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar	10.47	
		For Up To 100, Add	*5.26*	
		For >100 To 200, Add	*2.80*	
		For >200 To 300, Add	*1.40*	
03 21 13 00-0027	LF	#14, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar	14.57	
		For Up To 100, Add	*7.42*	
		For >100 To 200, Add	*3.93*	
		For >200 To 300, Add	*1.97*	
03 21 13 00-0028	LF	#18, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar	25.05	
		For Up To 100, Add	*12.94*	
		For >100 To 200, Add	*6.82*	
		For >200 To 300, Add	*3.41*	

03 21 13 00-0029 Columns, Galvanized Steel Reinforcement Bar *(03 21 13)*

Note: ASTM A-767 Hot Dipped Galvanized Steel.

03 21 13 00-0030	LF	#3, Grade 40, Columns, Galvanized Steel Reinforcement Bar	0.98	
		For Up To 100, Add	*0.66*	
		For >100 To 200, Add	*0.36*	
		For >200 To 500, Add	*0.14*	
03 21 13 00-0031	LF	#4, Grade 40, Columns, Galvanized Steel Reinforcement Bar	1.67	
		For Up To 100, Add	*1.14*	
		For >100 To 200, Add	*0.61*	
		For >200 To 500, Add	*0.25*	
03 21 13 00-0032	LF	#5, Grade 40, Columns, Galvanized Steel Reinforcement Bar	2.50	
		For Up To 100, Add	*1.73*	
		For >100 To 200, Add	*0.93*	
		For >200 To 500, Add	*0.37*	
03 21 13 00-0033	LF	#6, Grade 40, Columns, Galvanized Steel Reinforcement Bar	3.46	
		For Up To 100, Add	*2.44*	
		For >100 To 200, Add	*1.31*	
		For >200 To 500, Add	*0.52*	
03 21 13 00-0034	LF	#3, Grade 50, Columns, Galvanized Steel Reinforcement Bar	1.00	
		For Up To 100, Add	*0.68*	
		For >100 To 200, Add	*0.37*	
		For >200 To 500, Add	*0.15*	
03 21 13 00-0035	LF	#4, Grade 50, Columns, Galvanized Steel Reinforcement Bar	1.70	
		For Up To 100, Add	*1.17*	
		For >100 To 200, Add	*0.63*	
		For >200 To 500, Add	*0.25*	
03 21 13 00-0036	LF	#5, Grade 50, Columns, Galvanized Steel Reinforcement Bar	2.54	
		For Up To 100, Add	*1.77*	
		For >100 To 200, Add	*0.95*	
		For >200 To 500, Add	*0.38*	
03 21 13 00-0037	LF	#6, Grade 50, Columns, Galvanized Steel Reinforcement Bar	3.52	
		For Up To 100, Add	*2.50*	
		For >100 To 200, Add	*1.34*	
		For >200 To 500, Add	*0.53*	
03 21 13 00-0038	LF	#3, Grade 60, Columns, Galvanized Steel Reinforcement Bar	1.02	
		For Up To 100, Add	*0.70*	
		For >100 To 200, Add	*0.38*	
		For >200 To 500, Add	*0.15*	
03 21 13 00-0039	LF	#4, Grade 60, Columns, Galvanized Steel Reinforcement Bar	1.74	
		For Up To 100, Add	*1.21*	
		For >100 To 200, Add	*0.65*	
		For >200 To 500, Add	*0.26*	
03 21 13 00-0040	LF	#5, Grade 60, Columns, Galvanized Steel Reinforcement Bar	2.61	
		For Up To 100, Add	*1.84*	
		For >100 To 200, Add	*0.99*	
		For >200 To 500, Add	*0.39*	
03 21 13 00-0041	LF	#6, Grade 60, Columns, Galvanized Steel Reinforcement Bar	3.61	
		For Up To 100, Add	*2.59*	
		For >100 To 200, Add	*1.38*	
		For >200 To 500, Add	*0.55*	
03 21 13 00-0042	LF	#7, Grade 60, Columns, Galvanized Steel Reinforcement Bar	4.69	
		For Up To 100, Add	*2.68*	
		For >100 To 200, Add	*1.56*	
		For >200 To 400, Add	*0.73*	
03 21 13 00-0043	LF	#8, Grade 60, Columns, Galvanized Steel Reinforcement Bar	5.84	
		For Up To 100, Add	*3.40*	
		For >100 To 200, Add	*1.97*	
		For >200 To 400, Add	*0.92*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 13 00-0044	LF	#9, Grade 60, Columns, Galvanized Steel Reinforcement Bar	7.19	
		For Up To 100, Add	*4.24*	
		For >100 To 200, Add	*2.45*	
		For >200 To 400, Add	*1.15*	
03 21 13 00-0045	LF	#10, Grade 60, Columns, Galvanized Steel Reinforcement Bar	8.80	
		For Up To 100, Add	*4.28*	
		For >100 To 200, Add	*2.31*	
		For >200 To 300, Add	*1.15*	
03 21 13 00-0046	LF	#11, Grade 60, Columns, Galvanized Steel Reinforcement Bar	10.49	
		For Up To 100, Add	*5.17*	
		For >100 To 200, Add	*2.77*	
		For >200 To 300, Add	*1.39*	
03 21 13 00-0047	LF	#14, Grade 60, Columns, Galvanized Steel Reinforcement Bar	14.58	
		For Up To 100, Add	*7.29*	
		For >100 To 200, Add	*3.89*	
		For >200 To 300, Add	*1.94*	
03 21 13 00-0048	LF	#18, Grade 60, Columns, Galvanized Steel Reinforcement Bar	24.95	
		For Up To 100, Add	*12.67*	
		For >100 To 200, Add	*6.72*	
		For >200 To 300, Add	*3.36*	
03 21 13 00-0049	LF	#6, Grade 75, Columns, Galvanized Steel Reinforcement Bar	3.70	
		For Up To 100, Add	*2.68*	
		For >100 To 200, Add	*1.43*	
		For >200 To 500, Add	*0.57*	
03 21 13 00-0050	LF	#7, Grade 75, Columns, Galvanized Steel Reinforcement Bar	4.81	
		For Up To 100, Add	*2.77*	
		For >100 To 200, Add	*1.61*	
		For >200 To 400, Add	*0.75*	
03 21 13 00-0051	LF	#8, Grade 75, Columns, Galvanized Steel Reinforcement Bar	6.00	
		For Up To 100, Add	*3.52*	
		For >100 To 200, Add	*2.03*	
		For >200 To 400, Add	*0.96*	
03 21 13 00-0052	LF	#9, Grade 75, Columns, Galvanized Steel Reinforcement Bar	7.39	
		For Up To 100, Add	*4.39*	
		For >100 To 200, Add	*2.53*	
		For >200 To 400, Add	*1.19*	
03 21 13 00-0053	LF	#10, Grade 75, Columns, Galvanized Steel Reinforcement Bar	9.05	
		For Up To 100, Add	*4.43*	
		For >100 To 200, Add	*2.38*	
		For >200 To 300, Add	*1.19*	
03 21 13 00-0054	LF	#11, Grade 75, Columns, Galvanized Steel Reinforcement Bar	10.80	
		For Up To 100, Add	*5.36*	
		For >100 To 200, Add	*2.87*	
		For >200 To 300, Add	*1.43*	
03 21 13 00-0055	LF	#14, Grade 75, Columns, Galvanized Steel Reinforcement Bar	15.02	
		For Up To 100, Add	*7.55*	
		For >100 To 200, Add	*4.02*	
		For >200 To 300, Add	*2.01*	
03 21 13 00-0056	LF	#18, Grade 75, Columns, Galvanized Steel Reinforcement Bar	25.74	
		For Up To 100, Add	*13.14*	
		For >100 To 200, Add	*6.96*	
		For >200 To 300, Add	*3.48*	

03 21 13 00-0057 Footings, Galvanized Steel Reinforcement Bar *(03 21 13)*

Note: ASTM A-767 Hot Dipped Galvanized Steel.

03 21 13 00-0058	LF	#3, Grade 40, Footings, Galvanized Steel Reinforcement Bar	0.86	
		For Up To 100, Add	*0.61*	
		For >100 To 200, Add	*0.33*	
		For >200 To 500, Add	*0.13*	
03 21 13 00-0059	LF	#4, Grade 40, Footings, Galvanized Steel Reinforcement Bar	1.47	
		For Up To 100, Add	*1.06*	
		For >100 To 200, Add	*0.56*	
		For >200 To 500, Add	*0.23*	
03 21 13 00-0060	LF	#5, Grade 40, Footings, Galvanized Steel Reinforcement Bar	2.22	
		For Up To 100, Add	*1.62*	
		For >100 To 200, Add	*0.86*	
		For >200 To 500, Add	*0.34*	
03 21 13 00-0061	LF	#6, Grade 40, Footings, Galvanized Steel Reinforcement Bar	3.07	
		For Up To 100, Add	*2.28*	
		For >100 To 200, Add	*1.21*	
		For >200 To 500, Add	*0.48*	
03 21 13 00-0062	LF	#3, Grade 50, Footings, Galvanized Steel Reinforcement Bar	0.88	
		For Up To 100, Add	*0.63*	
		For >100 To 200, Add	*0.34*	
		For >200 To 500, Add	*0.13*	
03 21 13 00-0063	LF	#4, Grade 50, Footings, Galvanized Steel Reinforcement Bar	1.50	
		For Up To 100, Add	*1.09*	
		For >100 To 200, Add	*0.58*	
		For >200 To 500, Add	*0.23*	
03 21 13 00-0064	LF	#5, Grade 50, Footings, Galvanized Steel Reinforcement Bar	2.26	
		For Up To 100, Add	*1.66*	
		For >100 To 200, Add	*0.88*	
		For >200 To 500, Add	*0.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 13 00-0065	LF	#6, Grade 50, Footings, Galvanized Steel Reinforcement Bar	3.13	
		For Up To 100, Add	*2.34*	
		For >100 To 200, Add	*1.24*	
		For >200 To 500, Add	*0.50*	
03 21 13 00-0066	LF	#3, Grade 60, Footings, Galvanized Steel Reinforcement Bar	0.90	
		For Up To 100, Add	*0.65*	
		For >100 To 200, Add	*0.35*	
		For >200 To 500, Add	*0.14*	
03 21 13 00-0067	LF	#4, Grade 60, Footings, Galvanized Steel Reinforcement Bar	1.54	
		For Up To 100, Add	*1.13*	
		For >100 To 200, Add	*0.60*	
		For >200 To 500, Add	*0.24*	
03 21 13 00-0068	LF	#5, Grade 60, Footings, Galvanized Steel Reinforcement Bar	2.33	
		For Up To 100, Add	*1.73*	
		For >100 To 200, Add	*0.92*	
		For >200 To 500, Add	*0.37*	
03 21 13 00-0069	LF	#6, Grade 60, Footings, Galvanized Steel Reinforcement Bar	3.22	
		For Up To 100, Add	*2.43*	
		For >100 To 200, Add	*1.28*	
		For >200 To 500, Add	*0.51*	
03 21 13 00-0070	LF	#7, Grade 60, Footings, Galvanized Steel Reinforcement Bar	4.22	
		For Up To 100, Add	*2.52*	
		For >100 To 200, Add	*1.45*	
		For >200 To 400, Add	*0.68*	
03 21 13 00-0071	LF	#8, Grade 60, Footings, Galvanized Steel Reinforcement Bar	5.29	
		For Up To 100, Add	*3.21*	
		For >100 To 200, Add	*1.83*	
		For >200 To 400, Add	*0.87*	
03 21 13 00-0072	LF	#9, Grade 60, Footings, Galvanized Steel Reinforcement Bar	6.54	
		For Up To 100, Add	*4.02*	
		For >100 To 200, Add	*2.28*	
		For >200 To 400, Add	*1.09*	
03 21 13 00-0073	LF	#10, Grade 60, Footings, Galvanized Steel Reinforcement Bar	8.05	
		For Up To 100, Add	*4.06*	
		For >100 To 200, Add	*2.16*	
		For >200 To 300, Add	*1.08*	
03 21 13 00-0074	LF	#11, Grade 60, Footings, Galvanized Steel Reinforcement Bar	9.65	
		For Up To 100, Add	*4.92*	
		For >100 To 200, Add	*2.61*	
		For >200 To 300, Add	*1.30*	
03 21 13 00-0075	LF	#14, Grade 60, Footings, Galvanized Steel Reinforcement Bar	13.47	
		For Up To 100, Add	*6.96*	
		For >100 To 200, Add	*3.67*	
		For >200 To 300, Add	*1.83*	
03 21 13 00-0076	LF	#18, Grade 60, Footings, Galvanized Steel Reinforcement Bar	23.20	
		For Up To 100, Add	*12.14*	
		For >100 To 200, Add	*6.37*	
		For >200 To 300, Add	*3.18*	
03 21 13 00-0077	LF	#6, Grade 75, Footings, Galvanized Steel Reinforcement Bar	3.31	
		For Up To 100, Add	*2.52*	
		For >100 To 200, Add	*1.33*	
		For >200 To 500, Add	*0.53*	
03 21 13 00-0078	LF	#7, Grade 75, Footings, Galvanized Steel Reinforcement Bar	4.34	
		For Up To 100, Add	*2.61*	
		For >100 To 200, Add	*1.49*	
		For >200 To 400, Add	*0.71*	
03 21 13 00-0079	LF	#8, Grade 75, Footings, Galvanized Steel Reinforcement Bar	5.45	
		For Up To 100, Add	*3.33*	
		For >100 To 200, Add	*1.90*	
		For >200 To 400, Add	*0.90*	
03 21 13 00-0080	LF	#9, Grade 75, Footings, Galvanized Steel Reinforcement Bar	6.74	
		For Up To 100, Add	*4.17*	
		For >100 To 200, Add	*2.36*	
		For >200 To 400, Add	*1.13*	
03 21 13 00-0081	LF	#10, Grade 75, Footings, Galvanized Steel Reinforcement Bar	8.30	
		For Up To 100, Add	*4.21*	
		For >100 To 200, Add	*2.23*	
		For >200 To 300, Add	*1.12*	
03 21 13 00-0082	LF	#11, Grade 75, Footings, Galvanized Steel Reinforcement Bar	9.96	
		For Up To 100, Add	*5.11*	
		For >100 To 200, Add	*2.70*	
		For >200 To 300, Add	*1.35*	
03 21 13 00-0083	LF	#14, Grade 75, Footings, Galvanized Steel Reinforcement Bar	13.91	
		For Up To 100, Add	*7.22*	
		For >100 To 200, Add	*3.80*	
		For >200 To 300, Add	*1.90*	
03 21 13 00-0084	LF	#18, Grade 75, Footings, Galvanized Steel Reinforcement Bar	23.99	
		For Up To 100, Add	*12.62*	
		For >100 To 200, Add	*6.61*	
		For >200 To 300, Add	*3.30*	

03 21 13 00-0085 Slab On Grade, Galvanized Steel Reinforcement Bar *(03 21 13)*
Note: ASTM A-767 Hot Dipped Galvanized Steel.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 13 00-0086	LF	#3, Grade 40, Slab On Grade, Galvanized Steel Reinforcement Bar	0.84	
		For Up To 100, Add	*0.60*	
		For >100 To 200, Add	*0.32*	
		For >200 To 500, Add	*0.13*	
03 21 13 00-0087	LF	#4, Grade 40, Slab On Grade, Galvanized Steel Reinforcement Bar	1.43	
		For Up To 100, Add	*1.04*	
		For >100 To 200, Add	*0.55*	
		For >200 To 500, Add	*0.22*	
03 21 13 00-0088	LF	#5, Grade 40, Slab On Grade, Galvanized Steel Reinforcement Bar	2.15	
		For Up To 100, Add	*1.59*	
		For >100 To 200, Add	*0.84*	
		For >200 To 500, Add	*0.34*	
03 21 13 00-0089	LF	#6, Grade 40, Slab On Grade, Galvanized Steel Reinforcement Bar	2.99	
		For Up To 100, Add	*2.25*	
		For >100 To 200, Add	*1.19*	
		For >200 To 500, Add	*0.48*	
03 21 13 00-0090	LF	#3, Grade 50, Slab On Grade, Galvanized Steel Reinforcement Bar	0.86	
		For Up To 100, Add	*0.62*	
		For >100 To 200, Add	*0.33*	
		For >200 To 500, Add	*0.13*	
03 21 13 00-0091	LF	#4, Grade 50, Slab On Grade, Galvanized Steel Reinforcement Bar	1.46	
		For Up To 100, Add	*1.07*	
		For >100 To 200, Add	*0.57*	
		For >200 To 500, Add	*0.23*	
03 21 13 00-0092	LF	#5, Grade 50, Slab On Grade, Galvanized Steel Reinforcement Bar	2.19	
		For Up To 100, Add	*1.63*	
		For >100 To 200, Add	*0.86*	
		For >200 To 500, Add	*0.35*	
03 21 13 00-0093	LF	#6, Grade 50, Slab On Grade, Galvanized Steel Reinforcement Bar	3.05	
		For Up To 100, Add	*2.31*	
		For >100 To 200, Add	*1.22*	
		For >200 To 500, Add	*0.49*	
03 21 13 00-0094	LF	#3, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	0.88	
		For Up To 100, Add	*0.64*	
		For >100 To 200, Add	*0.34*	
		For >200 To 500, Add	*0.14*	
03 21 13 00-0095	LF	#4, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	1.50	
		For Up To 100, Add	*1.11*	
		For >100 To 200, Add	*0.59*	
		For >200 To 500, Add	*0.24*	
03 21 13 00-0096	LF	#5, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	2.26	
		For Up To 100, Add	*1.70*	
		For >100 To 200, Add	*0.90*	
		For >200 To 500, Add	*0.36*	
03 21 13 00-0097	LF	#6, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	3.14	
		For Up To 100, Add	*2.40*	
		For >100 To 200, Add	*1.26*	
		For >200 To 500, Add	*0.51*	
03 21 13 00-0098	LF	#7, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	4.13	
		For Up To 100, Add	*2.49*	
		For >100 To 200, Add	*1.42*	
		For >200 To 400, Add	*0.67*	
03 21 13 00-0099	LF	#8, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	5.18	
		For Up To 100, Add	*3.17*	
		For >100 To 200, Add	*1.80*	
		For >200 To 400, Add	*0.86*	
03 21 13 00-0100	LF	#9, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	6.41	
		For Up To 100, Add	*3.97*	
		For >100 To 200, Add	*2.25*	
		For >200 To 400, Add	*1.07*	
03 21 13 00-0101	LF	#10, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	7.89	
		For Up To 100, Add	*4.01*	
		For >100 To 200, Add	*2.13*	
		For >200 To 300, Add	*1.06*	
03 21 13 00-0102	LF	#11, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	9.48	
		For Up To 100, Add	*4.87*	
		For >100 To 200, Add	*2.57*	
		For >200 To 300, Add	*1.29*	
03 21 13 00-0103	LF	#14, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	13.24	
		For Up To 100, Add	*6.89*	
		For >100 To 200, Add	*3.62*	
		For >200 To 300, Add	*1.81*	
03 21 13 00-0104	LF	#18, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	22.85	
		For Up To 100, Add	*12.04*	
		For >100 To 200, Add	*6.30*	
		For >200 To 300, Add	*3.15*	
03 21 13 00-0105	LF	#6, Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar	3.23	
		For Up To 100, Add	*2.49*	
		For >100 To 200, Add	*1.31*	
		For >200 To 500, Add	*0.52*	
03 21 13 00-0106	LF	#7, Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar	4.25	
		For Up To 100, Add	*2.58*	
		For >100 To 200, Add	*1.47*	
		For >200 To 400, Add	*0.70*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 13 00-0107	LF	#8, Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar	5.34	
		For Up To 100, Add	*3.29*	
		For >100 To 200, Add	*1.87*	
		For >200 To 400, Add	*0.89*	
03 21 13 00-0108	LF	#9, Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar	6.61	
		For Up To 100, Add	*4.12*	
		For >100 To 200, Add	*2.33*	
		For >200 To 400, Add	*1.11*	
03 21 13 00-0109	LF	#10, Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar	8.14	
		For Up To 100, Add	*4.16*	
		For >100 To 200, Add	*2.20*	
		For >200 To 300, Add	*1.10*	
03 21 13 00-0110	LF	#11, Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar	9.79	
		For Up To 100, Add	*5.06*	
		For >100 To 200, Add	*2.66*	
		For >200 To 300, Add	*1.33*	
03 21 13 00-0111	LF	#14, Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar	13.68	
		For Up To 100, Add	*7.15*	
		For >100 To 200, Add	*3.75*	
		For >200 To 300, Add	*1.88*	
03 21 13 00-0112	LF	#18, Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar	23.64	
		For Up To 100, Add	*12.51*	
		For >100 To 200, Add	*6.54*	
		For >200 To 300, Add	*3.27*	

03 21 13 00-0113 Elevated Slabs, Galvanized Steel Reinforcement Bar *(03 21 13)*

Note: ASTM A-767 Hot Dipped Galvanized Steel.

03 21 13 00-0114	LF	#3, Grade 40, Elevated Slabs, Galvanized Steel Reinforcement Bar	0.78	
		For Up To 100, Add	*0.58*	
		For >100 To 200, Add	*0.31*	
		For >200 To 500, Add	*0.12*	
03 21 13 00-0115	LF	#4, Grade 40, Elevated Slabs, Galvanized Steel Reinforcement Bar	1.34	
		For Up To 100, Add	*1.00*	
		For >100 To 200, Add	*0.53*	
		For >200 To 500, Add	*0.21*	
03 21 13 00-0116	LF	#5, Grade 40, Elevated Slabs, Galvanized Steel Reinforcement Bar	2.04	
		For Up To 100, Add	*1.55*	
		For >100 To 200, Add	*0.82*	
		For >200 To 500, Add	*0.33*	
03 21 13 00-0117	LF	#6, Grade 40, Elevated Slabs, Galvanized Steel Reinforcement Bar	2.83	
		For Up To 100, Add	*2.19*	
		For >100 To 200, Add	*1.15*	
		For >200 To 500, Add	*0.46*	
03 21 13 00-0118	LF	#3, Grade 50, Elevated Slabs, Galvanized Steel Reinforcement Bar	0.80	
		For Up To 100, Add	*0.60*	
		For >100 To 200, Add	*0.32*	
		For >200 To 500, Add	*0.13*	
03 21 13 00-0119	LF	#4, Grade 50, Elevated Slabs, Galvanized Steel Reinforcement Bar	1.37	
		For Up To 100, Add	*1.03*	
		For >100 To 200, Add	*0.55*	
		For >200 To 500, Add	*0.22*	
03 21 13 00-0120	LF	#5, Grade 50, Elevated Slabs, Galvanized Steel Reinforcement Bar	2.08	
		For Up To 100, Add	*1.59*	
		For >100 To 200, Add	*0.84*	
		For >200 To 500, Add	*0.33*	
03 21 13 00-0121	LF	#6, Grade 50, Elevated Slabs, Galvanized Steel Reinforcement Bar	2.89	
		For Up To 100, Add	*2.25*	
		For >100 To 200, Add	*1.18*	
		For >200 To 500, Add	*0.47*	
03 21 13 00-0122	LF	#3, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	0.82	
		For Up To 100, Add	*0.62*	
		For >100 To 200, Add	*0.33*	
		For >200 To 500, Add	*0.13*	
03 21 13 00-0123	LF	#4, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	1.41	
		For Up To 100, Add	*1.07*	
		For >100 To 200, Add	*0.57*	
		For >200 To 500, Add	*0.23*	
03 21 13 00-0124	LF	#5, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	2.15	
		For Up To 100, Add	*1.66*	
		For >100 To 200, Add	*0.87*	
		For >200 To 500, Add	*0.35*	
03 21 13 00-0125	LF	#6, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	2.98	
		For Up To 100, Add	*2.34*	
		For >100 To 200, Add	*1.22*	
		For >200 To 500, Add	*0.49*	
03 21 13 00-0126	LF	#7, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	3.94	
		For Up To 100, Add	*2.42*	
		For >100 To 200, Add	*1.38*	
		For >200 To 400, Add	*0.65*	
03 21 13 00-0127	LF	#8, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	4.95	
		For Up To 100, Add	*3.09*	
		For >100 To 200, Add	*1.75*	
		For >200 To 400, Add	*0.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 13 00-0128	LF	#9, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	6.16	
		For Up To 100, Add	*3.88*	
		For >100 To 200, Add	*2.19*	
		For >200 To 400, Add	*1.05*	
03 21 13 00-0129	LF	#10, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	7.60	
		For Up To 100, Add	*3.92*	
		For >100 To 200, Add	*2.07*	
		For >200 To 300, Add	*1.03*	
03 21 13 00-0130	LF	#11, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	9.14	
		For Up To 100, Add	*4.77*	
		For >100 To 200, Add	*2.50*	
		For >200 To 300, Add	*1.25*	
03 21 13 00-0131	LF	#14, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	12.81	
		For Up To 100, Add	*6.76*	
		For >100 To 200, Add	*3.53*	
		For >200 To 300, Add	*1.77*	
03 21 13 00-0132	LF	#18, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	22.17	
		For Up To 100, Add	*11.84*	
		For >100 To 200, Add	*6.16*	
		For >200 To 300, Add	*3.08*	
03 21 13 00-0133	LF	#6, Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar	3.07	
		For Up To 100, Add	*2.43*	
		For >100 To 200, Add	*1.27*	
		For >200 To 500, Add	*0.51*	
03 21 13 00-0134	LF	#7, Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar	4.06	
		For Up To 100, Add	*2.51*	
		For >100 To 200, Add	*1.42*	
		For >200 To 400, Add	*0.68*	
03 21 13 00-0135	LF	#8, Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar	5.11	
		For Up To 100, Add	*3.21*	
		For >100 To 200, Add	*1.81*	
		For >200 To 400, Add	*0.87*	
03 21 13 00-0136	LF	#9, Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar	6.36	
		For Up To 100, Add	*4.03*	
		For >100 To 200, Add	*2.27*	
		For >200 To 400, Add	*1.09*	
03 21 13 00-0137	LF	#10, Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar	7.85	
		For Up To 100, Add	*4.07*	
		For >100 To 200, Add	*2.14*	
		For >200 To 300, Add	*1.07*	
03 21 13 00-0138	LF	#11, Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar	9.45	
		For Up To 100, Add	*4.95*	
		For >100 To 200, Add	*2.60*	
		For >200 To 300, Add	*1.30*	
03 21 13 00-0139	LF	#14, Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar	13.25	
		For Up To 100, Add	*7.02*	
		For >100 To 200, Add	*3.67*	
		For >200 To 300, Add	*1.83*	
03 21 13 00-0140	LF	#18, Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar	22.96	
		For Up To 100, Add	*12.31*	
		For >100 To 200, Add	*6.40*	
		For >200 To 300, Add	*3.20*	

03 21 13 00-0141 Walls, Galvanized Steel Reinforcement Bar *(03 21 13)*

Note: ASTM A-767 Hot Dipped Galvanized Steel.

03 21 13 00-0142	LF	#3, Grade 40, Walls, Galvanized Steel Reinforcement Bar	0.76	
		For Up To 100, Add	*0.57*	
		For >100 To 200, Add	*0.30*	
		For >200 To 500, Add	*0.12*	
03 21 13 00-0143	LF	#4, Grade 40, Walls, Galvanized Steel Reinforcement Bar	1.30	
		For Up To 100, Add	*0.99*	
		For >100 To 200, Add	*0.52*	
		For >200 To 500, Add	*0.21*	
03 21 13 00-0144	LF	#5, Grade 40, Walls, Galvanized Steel Reinforcement Bar	1.97	
		For Up To 100, Add	*1.52*	
		For >100 To 200, Add	*0.80*	
		For >200 To 500, Add	*0.32*	
03 21 13 00-0145	LF	#6, Grade 40, Walls, Galvanized Steel Reinforcement Bar	2.76	
		For Up To 100, Add	*2.16*	
		For >100 To 200, Add	*1.13*	
		For >200 To 500, Add	*0.45*	
03 21 13 00-0146	LF	#3, Grade 50, Walls, Galvanized Steel Reinforcement Bar	0.78	
		For Up To 100, Add	*0.59*	
		For >100 To 200, Add	*0.31*	
		For >200 To 500, Add	*0.12*	
03 21 13 00-0147	LF	#4, Grade 50, Walls, Galvanized Steel Reinforcement Bar	1.33	
		For Up To 100, Add	*1.02*	
		For >100 To 200, Add	*0.54*	
		For >200 To 500, Add	*0.21*	
03 21 13 00-0148	LF	#5, Grade 50, Walls, Galvanized Steel Reinforcement Bar	2.01	
		For Up To 100, Add	*1.56*	
		For >100 To 200, Add	*0.82*	
		For >200 To 500, Add	*0.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 13 00-0149	LF	#6, Grade 50, Walls, Galvanized Steel Reinforcement Bar	2.82	
		For Up To 100, Add	*2.22*	
		For >100 To 200, Add	*1.16*	
		For >200 To 500, Add	*0.46*	
03 21 13 00-0150	LF	#3, Grade 60, Walls, Galvanized Steel Reinforcement Bar	0.80	
		For Up To 100, Add	*0.61*	
		For >100 To 200, Add	*0.32*	
		For >200 To 500, Add	*0.13*	
03 21 13 00-0151	LF	#4, Grade 60, Walls, Galvanized Steel Reinforcement Bar	1.37	
		For Up To 100, Add	*1.06*	
		For >100 To 200, Add	*0.56*	
		For >200 To 500, Add	*0.22*	
03 21 13 00-0152	LF	#5, Grade 60, Walls, Galvanized Steel Reinforcement Bar	2.08	
		For Up To 100, Add	*1.63*	
		For >100 To 200, Add	*0.85*	
		For >200 To 500, Add	*0.34*	
03 21 13 00-0153	LF	#6, Grade 60, Walls, Galvanized Steel Reinforcement Bar	2.91	
		For Up To 100, Add	*2.31*	
		For >100 To 200, Add	*1.21*	
		For >200 To 500, Add	*0.48*	
03 21 13 00-0154	LF	#7, Grade 60, Walls, Galvanized Steel Reinforcement Bar	3.83	
		For Up To 100, Add	*2.38*	
		For >100 To 200, Add	*1.35*	
		For >200 To 400, Add	*0.64*	
03 21 13 00-0155	LF	#8, Grade 60, Walls, Galvanized Steel Reinforcement Bar	4.84	
		For Up To 100, Add	*3.05*	
		For >100 To 200, Add	*1.72*	
		For >200 To 400, Add	*0.82*	
03 21 13 00-0156	LF	#9, Grade 60, Walls, Galvanized Steel Reinforcement Bar	6.03	
		For Up To 100, Add	*3.84*	
		For >100 To 200, Add	*2.16*	
		For >200 To 400, Add	*1.04*	
03 21 13 00-0157	LF	#10, Grade 60, Walls, Galvanized Steel Reinforcement Bar	7.45	
		For Up To 100, Add	*3.88*	
		For >100 To 200, Add	*2.04*	
		For >200 To 300, Add	*1.02*	
03 21 13 00-0158	LF	#11, Grade 60, Walls, Galvanized Steel Reinforcement Bar	8.97	
		For Up To 100, Add	*4.72*	
		For >100 To 200, Add	*2.47*	
		For >200 To 300, Add	*1.23*	
03 21 13 00-0159	LF	#14, Grade 60, Walls, Galvanized Steel Reinforcement Bar	12.59	
		For Up To 100, Add	*6.69*	
		For >100 To 200, Add	*3.49*	
		For >200 To 300, Add	*1.75*	
03 21 13 00-0160	LF	#18, Grade 60, Walls, Galvanized Steel Reinforcement Bar	21.82	
		For Up To 100, Add	*11.73*	
		For >100 To 200, Add	*6.09*	
		For >200 To 300, Add	*3.05*	
03 21 13 00-0161	LF	#6, Grade 75, Walls, Galvanized Steel Reinforcement Bar	3.00	
		For Up To 100, Add	*2.40*	
		For >100 To 200, Add	*1.25*	
		For >200 To 500, Add	*0.50*	
03 21 13 00-0162	LF	#7, Grade 75, Walls, Galvanized Steel Reinforcement Bar	3.95	
		For Up To 100, Add	*2.47*	
		For >100 To 200, Add	*1.40*	
		For >200 To 400, Add	*0.67*	
03 21 13 00-0163	LF	#8, Grade 75, Walls, Galvanized Steel Reinforcement Bar	5.00	
		For Up To 100, Add	*3.17*	
		For >100 To 200, Add	*1.78*	
		For >200 To 400, Add	*0.86*	
03 21 13 00-0164	LF	#9, Grade 75, Walls, Galvanized Steel Reinforcement Bar	6.23	
		For Up To 100, Add	*3.99*	
		For >100 To 200, Add	*2.24*	
		For >200 To 400, Add	*1.08*	
03 21 13 00-0165	LF	#10, Grade 75, Walls, Galvanized Steel Reinforcement Bar	7.70	
		For Up To 100, Add	*4.03*	
		For >100 To 200, Add	*2.11*	
		For >200 To 300, Add	*1.06*	
03 21 13 00-0166	LF	#11, Grade 75, Walls, Galvanized Steel Reinforcement Bar	9.28	
		For Up To 100, Add	*4.90*	
		For >100 To 200, Add	*2.56*	
		For >200 To 300, Add	*1.28*	
03 21 13 00-0167	LF	#14, Grade 75, Walls, Galvanized Steel Reinforcement Bar	13.03	
		For Up To 100, Add	*6.96*	
		For >100 To 200, Add	*3.62*	
		For >200 To 300, Add	*1.81*	
03 21 13 00-0168	LF	#18, Grade 75, Walls, Galvanized Steel Reinforcement Bar	22.61	
		For Up To 100, Add	*12.20*	
		For >100 To 200, Add	*6.33*	
		For >200 To 300, Add	*3.16*	

03 21 16 Epoxy-Coated Reinforcement Steel Bars *(03 21)*

03 21 16 00-0001 Beams And Girders, Epoxy Coated Steel Reinforcement Bar *(03 21 16)*
Note: ASTM A-775 Epoxy Coated Steel.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 16 00-0002	LF	#3, Grade 40, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	0.92	
		For Up To 100, Add	*0.62*	
		For >100 To 200, Add	*0.34*	
		For >200 To 500, Add	*0.13*	
03 21 16 00-0003	LF	#4, Grade 40, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	1.55	
		For Up To 100, Add	*1.07*	
		For >100 To 200, Add	*0.58*	
		For >200 To 500, Add	*0.23*	
03 21 16 00-0004	LF	#5, Grade 40, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	2.34	
		For Up To 100, Add	*1.64*	
		For >100 To 200, Add	*0.88*	
		For >200 To 500, Add	*0.35*	
03 21 16 00-0005	LF	#6, Grade 40, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	3.24	
		For Up To 100, Add	*2.32*	
		For >100 To 200, Add	*1.24*	
		For >200 To 500, Add	*0.49*	
03 21 16 00-0006	LF	#3, Grade 50, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	0.94	
		For Up To 100, Add	*0.64*	
		For >100 To 200, Add	*0.35*	
		For >200 To 500, Add	*0.14*	
03 21 16 00-0007	LF	#4, Grade 50, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	1.58	
		For Up To 100, Add	*1.10*	
		For >100 To 200, Add	*0.59*	
		For >200 To 500, Add	*0.24*	
03 21 16 00-0008	LF	#5, Grade 50, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	2.38	
		For Up To 100, Add	*1.68*	
		For >100 To 200, Add	*0.90*	
		For >200 To 500, Add	*0.36*	
03 21 16 00-0009	LF	#6, Grade 50, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	3.30	
		For Up To 100, Add	*2.38*	
		For >100 To 200, Add	*1.27*	
		For >200 To 500, Add	*0.51*	
03 21 16 00-0010	LF	#3, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	0.96	
		For Up To 100, Add	*0.66*	
		For >100 To 200, Add	*0.36*	
		For >200 To 500, Add	*0.14*	
03 21 16 00-0011	LF	#4, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	1.62	
		For Up To 100, Add	*1.14*	
		For >100 To 200, Add	*0.61*	
		For >200 To 500, Add	*0.24*	
03 21 16 00-0012	LF	#5, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	2.44	
		For Up To 100, Add	*1.74*	
		For >100 To 200, Add	*0.93*	
		For >200 To 500, Add	*0.37*	
03 21 16 00-0013	LF	#6, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	3.38	
		For Up To 100, Add	*2.46*	
		For >100 To 200, Add	*1.31*	
		For >200 To 500, Add	*0.52*	
03 21 16 00-0014	LF	#7, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	4.41	
		For Up To 100, Add	*2.55*	
		For >100 To 200, Add	*1.48*	
		For >200 To 400, Add	*0.69*	
03 21 16 00-0015	LF	#8, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	5.51	
		For Up To 100, Add	*3.24*	
		For >100 To 200, Add	*1.87*	
		For >200 To 400, Add	*0.88*	
03 21 16 00-0016	LF	#9, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	6.78	
		For Up To 100, Add	*4.04*	
		For >100 To 200, Add	*2.32*	
		For >200 To 400, Add	*1.10*	
03 21 16 00-0017	LF	#10, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	8.32	
		For Up To 100, Add	*4.08*	
		For >100 To 200, Add	*2.19*	
		For >200 To 300, Add	*1.10*	
03 21 16 00-0018	LF	#11, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	9.93	
		For Up To 100, Add	*4.94*	
		For >100 To 200, Add	*2.64*	
		For >200 To 300, Add	*1.32*	
03 21 16 00-0019	LF	#14, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	13.80	
		For Up To 100, Add	*6.96*	
		For >100 To 200, Add	*3.70*	
		For >200 To 300, Add	*1.85*	
03 21 16 00-0020	LF	#18, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	23.67	
		For Up To 100, Add	*12.11*	
		For >100 To 200, Add	*6.40*	
		For >200 To 300, Add	*3.20*	
03 21 16 00-0021	LF	#6, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	3.47	
		For Up To 100, Add	*2.55*	
		For >100 To 200, Add	*1.35*	
		For >200 To 500, Add	*0.54*	
03 21 16 00-0022	LF	#7, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	4.53	
		For Up To 100, Add	*2.64*	
		For >100 To 200, Add	*1.53*	
		For >200 To 400, Add	*0.72*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 16 00-0023	LF	#8, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	5.66	
		For Up To 100, Add	*3.35*	
		For >100 To 200, Add	*1.93*	
		For >200 To 400, Add	*0.91*	
03 21 16 00-0024	LF	#9, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	6.98	
		For Up To 100, Add	*4.19*	
		For >100 To 200, Add	*2.40*	
		For >200 To 400, Add	*1.14*	
03 21 16 00-0025	LF	#10, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	8.57	
		For Up To 100, Add	*4.23*	
		For >100 To 200, Add	*2.27*	
		For >200 To 300, Add	*1.13*	
03 21 16 00-0026	LF	#11, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	10.24	
		For Up To 100, Add	*5.12*	
		For >100 To 200, Add	*2.73*	
		For >200 To 300, Add	*1.37*	
03 21 16 00-0027	LF	#14, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	14.24	
		For Up To 100, Add	*7.22*	
		For >100 To 200, Add	*3.83*	
		For >200 To 300, Add	*1.92*	
03 21 16 00-0028	LF	#18, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	24.46	
		For Up To 100, Add	*12.58*	
		For >100 To 200, Add	*6.64*	
		For >200 To 300, Add	*3.32*	

03 21 16 00-0029 Columns, Epoxy Coated Steel Reinforcement Bar *(03 21 16)*

Note: ASTM A-775 Epoxy Coated Steel.

03 21 16 00-0030	LF	#3, Grade 40, Columns, Epoxy Coated Steel Reinforcement Bar	0.96	
		For Up To 100, Add	*0.64*	
		For >100 To 200, Add	*0.35*	
		For >200 To 500, Add	*0.14*	
03 21 16 00-0031	LF	#4, Grade 40, Columns, Epoxy Coated Steel Reinforcement Bar	1.64	
		For Up To 100, Add	*1.11*	
		For >100 To 200, Add	*0.60*	
		For >200 To 500, Add	*0.24*	
03 21 16 00-0032	LF	#5, Grade 40, Columns, Epoxy Coated Steel Reinforcement Bar	2.46	
		For Up To 100, Add	*1.69*	
		For >100 To 200, Add	*0.91*	
		For >200 To 500, Add	*0.36*	
03 21 16 00-0033	LF	#6, Grade 40, Columns, Epoxy Coated Steel Reinforcement Bar	3.40	
		For Up To 100, Add	*2.38*	
		For >100 To 200, Add	*1.28*	
		For >200 To 500, Add	*0.51*	
03 21 16 00-0034	LF	#3, Grade 50, Columns, Epoxy Coated Steel Reinforcement Bar	0.98	
		For Up To 100, Add	*0.66*	
		For >100 To 200, Add	*0.36*	
		For >200 To 500, Add	*0.14*	
03 21 16 00-0035	LF	#4, Grade 50, Columns, Epoxy Coated Steel Reinforcement Bar	1.67	
		For Up To 100, Add	*1.14*	
		For >100 To 200, Add	*0.61*	
		For >200 To 500, Add	*0.25*	
03 21 16 00-0036	LF	#5, Grade 50, Columns, Epoxy Coated Steel Reinforcement Bar	2.50	
		For Up To 100, Add	*1.73*	
		For >100 To 200, Add	*0.93*	
		For >200 To 500, Add	*0.37*	
03 21 16 00-0037	LF	#6, Grade 50, Columns, Epoxy Coated Steel Reinforcement Bar	3.46	
		For Up To 100, Add	*2.44*	
		For >100 To 200, Add	*1.31*	
		For >200 To 500, Add	*0.52*	
03 21 16 00-0038	LF	#3, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	1.00	
		For Up To 100, Add	*0.68*	
		For >100 To 200, Add	*0.37*	
		For >200 To 500, Add	*0.15*	
03 21 16 00-0039	LF	#4, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	1.71	
		For Up To 100, Add	*1.18*	
		For >100 To 200, Add	*0.63*	
		For >200 To 500, Add	*0.25*	
03 21 16 00-0040	LF	#5, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	2.56	
		For Up To 100, Add	*1.79*	
		For >100 To 200, Add	*0.96*	
		For >200 To 500, Add	*0.38*	
03 21 16 00-0041	LF	#6, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	3.54	
		For Up To 100, Add	*2.52*	
		For >100 To 200, Add	*1.35*	
		For >200 To 500, Add	*0.54*	
03 21 16 00-0042	LF	#7, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	4.60	
		For Up To 100, Add	*2.61*	
		For >100 To 200, Add	*1.53*	
		For >200 To 400, Add	*0.71*	
03 21 16 00-0043	LF	#8, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	5.73	
		For Up To 100, Add	*3.32*	
		For >100 To 200, Add	*1.92*	
		For >200 To 400, Add	*0.90*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 16 00-0044	LF	#9, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	7.04	
		For Up To 100, Add	*4.13*	
		For >100 To 200, Add	*2.39*	
		For >200 To 400, Add	*1.12*	
03 21 16 00-0045	LF	#10, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	8.61	
		For Up To 100, Add	*4.17*	
		For >100 To 200, Add	*2.25*	
		For >200 To 300, Add	*1.13*	
03 21 16 00-0046	LF	#11, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	10.26	
		For Up To 100, Add	*5.03*	
		For >100 To 200, Add	*2.70*	
		For >200 To 300, Add	*1.35*	
03 21 16 00-0047	LF	#14, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	14.25	
		For Up To 100, Add	*7.09*	
		For >100 To 200, Add	*3.79*	
		For >200 To 300, Add	*1.89*	
03 21 16 00-0048	LF	#18, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	24.36	
		For Up To 100, Add	*12.32*	
		For >100 To 200, Add	*6.54*	
		For >200 To 300, Add	*3.27*	
03 21 16 00-0049	LF	#6, Grade 75, Columns, Epoxy Coated Steel Reinforcement Bar	3.63	
		For Up To 100, Add	*2.61*	
		For >100 To 200, Add	*1.39*	
		For >200 To 500, Add	*0.56*	
03 21 16 00-0050	LF	#7, Grade 75, Columns, Epoxy Coated Steel Reinforcement Bar	4.72	
		For Up To 100, Add	*2.70*	
		For >100 To 200, Add	*1.57*	
		For >200 To 400, Add	*0.74*	
03 21 16 00-0051	LF	#8, Grade 75, Columns, Epoxy Coated Steel Reinforcement Bar	5.88	
		For Up To 100, Add	*3.43*	
		For >100 To 200, Add	*1.98*	
		For >200 To 400, Add	*0.93*	
03 21 16 00-0052	LF	#9, Grade 75, Columns, Epoxy Coated Steel Reinforcement Bar	7.24	
		For Up To 100, Add	*4.28*	
		For >100 To 200, Add	*2.47*	
		For >200 To 400, Add	*1.16*	
03 21 16 00-0053	LF	#10, Grade 75, Columns, Epoxy Coated Steel Reinforcement Bar	8.86	
		For Up To 100, Add	*4.32*	
		For >100 To 200, Add	*2.33*	
		For >200 To 300, Add	*1.16*	
03 21 16 00-0054	LF	#11, Grade 75, Columns, Epoxy Coated Steel Reinforcement Bar	10.57	
		For Up To 100, Add	*5.22*	
		For >100 To 200, Add	*2.80*	
		For >200 To 300, Add	*1.40*	
03 21 16 00-0055	LF	#14, Grade 75, Columns, Epoxy Coated Steel Reinforcement Bar	14.69	
		For Up To 100, Add	*7.36*	
		For >100 To 200, Add	*3.92*	
		For >200 To 300, Add	*1.96*	
03 21 16 00-0056	LF	#18, Grade 75, Columns, Epoxy Coated Steel Reinforcement Bar	25.15	
		For Up To 100, Add	*12.79*	
		For >100 To 200, Add	*6.78*	
		For >200 To 300, Add	*3.39*	

03 21 16 00-0057 Footings, Epoxy Coated Steel Reinforcement Bar *(03 21 16)*

Note: ASTM A-775 Epoxy Coated Steel.

03 21 16 00-0058	LF	#3, Grade 40, Footings, Epoxy Coated Steel Reinforcement Bar	0.84	
		For Up To 100, Add	*0.59*	
		For >100 To 200, Add	*0.32*	
		For >200 To 500, Add	*0.13*	
03 21 16 00-0059	LF	#4, Grade 40, Footings, Epoxy Coated Steel Reinforcement Bar	1.44	
		For Up To 100, Add	*1.03*	
		For >100 To 200, Add	*0.55*	
		For >200 To 500, Add	*0.22*	
03 21 16 00-0060	LF	#5, Grade 40, Footings, Epoxy Coated Steel Reinforcement Bar	2.18	
		For Up To 100, Add	*1.58*	
		For >100 To 200, Add	*0.84*	
		For >200 To 500, Add	*0.34*	
03 21 16 00-0061	LF	#6, Grade 40, Footings, Epoxy Coated Steel Reinforcement Bar	3.01	
		For Up To 100, Add	*2.22*	
		For >100 To 200, Add	*1.18*	
		For >200 To 500, Add	*0.47*	
03 21 16 00-0062	LF	#3, Grade 50, Footings, Epoxy Coated Steel Reinforcement Bar	0.86	
		For Up To 100, Add	*0.61*	
		For >100 To 200, Add	*0.33*	
		For >200 To 500, Add	*0.13*	
03 21 16 00-0063	LF	#4, Grade 50, Footings, Epoxy Coated Steel Reinforcement Bar	1.47	
03 21 16 00-0064	LF	#5, Grade 50, Footings, Epoxy Coated Steel Reinforcement Bar	2.22	
		For Up To 100, Add	*1.62*	
		For >100 To 200, Add	*0.86*	
		For >200 To 500, Add	*0.34*	
03 21 16 00-0065	LF	#6, Grade 50, Footings, Epoxy Coated Steel Reinforcement Bar	3.07	
		For Up To 100, Add	*2.28*	
		For >100 To 200, Add	*1.21*	
		For >200 To 500, Add	*0.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 16 00-0066	LF	#3, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	0.88	
		For Up To 100, Add	*0.63*	
		For >100 To 200, Add	*0.34*	
		For >200 To 500, Add	*0.13*	
03 21 16 00-0067	LF	#4, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	1.51	
		For Up To 100, Add	*1.10*	
		For >100 To 200, Add	*0.58*	
		For >200 To 500, Add	*0.23*	
03 21 16 00-0068	LF	#5, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	2.28	
		For Up To 100, Add	*1.68*	
		For >100 To 200, Add	*0.89*	
		For >200 To 500, Add	*0.36*	
03 21 16 00-0069	LF	#6, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	3.15	
		For Up To 100, Add	*2.36*	
		For >100 To 200, Add	*1.25*	
		For >200 To 500, Add	*0.50*	
03 21 16 00-0070	LF	#7, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	4.13	
		For Up To 100, Add	*2.45*	
		For >100 To 200, Add	*1.41*	
		For >200 To 400, Add	*0.66*	
03 21 16 00-0071	LF	#8, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	5.18	
		For Up To 100, Add	*3.13*	
		For >100 To 200, Add	*1.79*	
		For >200 To 400, Add	*0.85*	
03 21 16 00-0072	LF	#9, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	6.39	
		For Up To 100, Add	*3.90*	
		For >100 To 200, Add	*2.22*	
		For >200 To 400, Add	*1.06*	
03 21 16 00-0073	LF	#10, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	7.86	
		For Up To 100, Add	*3.94*	
		For >100 To 200, Add	*2.10*	
		For >200 To 300, Add	*1.05*	
03 21 16 00-0074	LF	#11, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	9.42	
		For Up To 100, Add	*4.78*	
		For >100 To 200, Add	*2.54*	
		For >200 To 300, Add	*1.27*	
03 21 16 00-0075	LF	#14, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	13.14	
		For Up To 100, Add	*6.76*	
		For >100 To 200, Add	*3.57*	
		For >200 To 300, Add	*1.78*	
03 21 16 00-0076	LF	#18, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	22.61	
		For Up To 100, Add	*11.79*	
		For >100 To 200, Add	*6.19*	
		For >200 To 300, Add	*3.10*	
03 21 16 00-0077	LF	#6, Grade 75, Footings, Epoxy Coated Steel Reinforcement Bar	3.24	
		For Up To 100, Add	*2.45*	
		For >100 To 200, Add	*1.29*	
		For >200 To 500, Add	*0.52*	
03 21 16 00-0078	LF	#7, Grade 75, Footings, Epoxy Coated Steel Reinforcement Bar	4.25	
		For Up To 100, Add	*2.54*	
		For >100 To 200, Add	*1.46*	
		For >200 To 400, Add	*0.69*	
03 21 16 00-0079	LF	#8, Grade 75, Footings, Epoxy Coated Steel Reinforcement Bar	5.33	
		For Up To 100, Add	*3.24*	
		For >100 To 200, Add	*1.85*	
		For >200 To 400, Add	*0.88*	
03 21 16 00-0080	LF	#9, Grade 75, Footings, Epoxy Coated Steel Reinforcement Bar	6.59	
		For Up To 100, Add	*4.05*	
		For >100 To 200, Add	*2.30*	
		For >200 To 400, Add	*1.10*	
03 21 16 00-0081	LF	#10, Grade 75, Footings, Epoxy Coated Steel Reinforcement Bar	8.11	
		For Up To 100, Add	*4.09*	
		For >100 To 200, Add	*2.18*	
		For >200 To 300, Add	*1.09*	
03 21 16 00-0082	LF	#11, Grade 75, Footings, Epoxy Coated Steel Reinforcement Bar	9.73	
		For Up To 100, Add	*4.97*	
		For >100 To 200, Add	*2.63*	
		For >200 To 300, Add	*1.31*	
03 21 16 00-0083	LF	#14, Grade 75, Footings, Epoxy Coated Steel Reinforcement Bar	13.58	
		For Up To 100, Add	*7.02*	
		For >100 To 200, Add	*3.70*	
		For >200 To 300, Add	*1.85*	
03 21 16 00-0084	LF	#18, Grade 75, Footings, Epoxy Coated Steel Reinforcement Bar	23.40	
		For Up To 100, Add	*12.26*	
		For >100 To 200, Add	*6.43*	
		For >200 To 300, Add	*3.21*	

03 21 16 00-0085 Slab On Grade, Epoxy Coated Steel Reinforcement Bar *(03 21 16)*

Note: ASTM A-775 Epoxy Coated Steel.

03 21 16 00-0086	LF	#3, Grade 40, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	0.82	
		For Up To 100, Add	*0.58*	
		For >100 To 200, Add	*0.31*	
		For >200 To 500, Add	*0.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 16 00-0087	LF	#4, Grade 40, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	1.40	
		For Up To 100, Add	*1.01*	
		For >100 To 200, Add	*0.54*	
		For >200 To 500, Add	*0.22*	
03 21 16 00-0088	LF	#5, Grade 40, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	2.11	
		For Up To 100, Add	*1.55*	
		For >100 To 200, Add	*0.82*	
		For >200 To 500, Add	*0.33*	
03 21 16 00-0089	LF	#6, Grade 40, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	2.93	
		For Up To 100, Add	*2.19*	
		For >100 To 200, Add	*1.16*	
		For >200 To 500, Add	*0.46*	
03 21 16 00-0090	LF	#3, Grade 50, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	0.84	
		For Up To 100, Add	*0.60*	
		For >100 To 200, Add	*0.32*	
		For >200 To 500, Add	*0.13*	
03 21 16 00-0091	LF	#4, Grade 50, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	1.43	
		For Up To 100, Add	*1.04*	
		For >100 To 200, Add	*0.55*	
		For >200 To 500, Add	*0.22*	
03 21 16 00-0092	LF	#5, Grade 50, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	2.15	
		For Up To 100, Add	*1.59*	
		For >100 To 200, Add	*0.84*	
		For >200 To 500, Add	*0.34*	
03 21 16 00-0093	LF	#6, Grade 50, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	2.99	
		For Up To 100, Add	*2.25*	
		For >100 To 200, Add	*1.19*	
		For >200 To 500, Add	*0.48*	
03 21 16 00-0094	LF	#3, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	0.86	
		For Up To 100, Add	*0.62*	
		For >100 To 200, Add	*0.33*	
		For >200 To 500, Add	*0.13*	
03 21 16 00-0095	LF	#4, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	1.47	
		For Up To 100, Add	*1.08*	
		For >100 To 200, Add	*0.57*	
		For >200 To 500, Add	*0.23*	
03 21 16 00-0096	LF	#5, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	2.21	
		For Up To 100, Add	*1.65*	
		For >100 To 200, Add	*0.87*	
		For >200 To 500, Add	*0.35*	
03 21 16 00-0097	LF	#6, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	3.07	
		For Up To 100, Add	*2.33*	
		For >100 To 200, Add	*1.23*	
		For >200 To 500, Add	*0.49*	
03 21 16 00-0098	LF	#7, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	4.04	
		For Up To 100, Add	*2.42*	
		For >100 To 200, Add	*1.39*	
		For >200 To 400, Add	*0.66*	
03 21 16 00-0099	LF	#8, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	5.07	
		For Up To 100, Add	*3.09*	
		For >100 To 200, Add	*1.76*	
		For >200 To 400, Add	*0.84*	
03 21 16 00-0100	LF	#9, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	6.26	
		For Up To 100, Add	*3.86*	
		For >100 To 200, Add	*2.19*	
		For >200 To 400, Add	*1.04*	
03 21 16 00-0101	LF	#10, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	7.70	
		For Up To 100, Add	*3.89*	
		For >100 To 200, Add	*2.07*	
		For >200 To 300, Add	*1.03*	
03 21 16 00-0102	LF	#11, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	9.25	
		For Up To 100, Add	*4.73*	
		For >100 To 200, Add	*2.50*	
		For >200 To 300, Add	*1.25*	
03 21 16 00-0103	LF	#14, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	12.91	
		For Up To 100, Add	*6.69*	
		For >100 To 200, Add	*3.52*	
		For >200 To 300, Add	*1.76*	
03 21 16 00-0104	LF	#18, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	22.26	
		For Up To 100, Add	*11.69*	
		For >100 To 200, Add	*6.12*	
		For >200 To 300, Add	*3.06*	
03 21 16 00-0105	LF	#6, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	3.16	
		For Up To 100, Add	*2.42*	
		For >100 To 200, Add	*1.27*	
		For >200 To 500, Add	*0.51*	
03 21 16 00-0106	LF	#7, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	4.16	
		For Up To 100, Add	*2.51*	
		For >100 To 200, Add	*1.43*	
		For >200 To 400, Add	*0.68*	
03 21 16 00-0107	LF	#8, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	5.22	
		For Up To 100, Add	*3.20*	
		For >100 To 200, Add	*1.82*	
		For >200 To 400, Add	*0.87*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 16 00-0108	LF	#9, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	6.46	
		For Up To 100, Add	*4.01*	
		For >100 To 200, Add	*2.27*	
		For >200 To 400, Add	*1.08*	
03 21 16 00-0109	LF	#10, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	7.95	
		For Up To 100, Add	*4.04*	
		For >100 To 200, Add	*2.14*	
		For >200 To 300, Add	*1.07*	
03 21 16 00-0110	LF	#11, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	9.56	
		For Up To 100, Add	*4.92*	
		For >100 To 200, Add	*2.60*	
		For >200 To 300, Add	*1.30*	
03 21 16 00-0111	LF	#14, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	13.35	
		For Up To 100, Add	*6.95*	
		For >100 To 200, Add	*3.65*	
		For >200 To 300, Add	*1.83*	
03 21 16 00-0112	LF	#18, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	23.05	
		For Up To 100, Add	*12.16*	
		For >100 To 200, Add	*6.36*	
		For >200 To 300, Add	*3.18*	

03 21 16 00-0113 Elevated Slabs, Epoxy Coated Steel Reinforcement Bar *(03 21 16)*

Note: ASTM A-775 Epoxy Coated Steel.

03 21 16 00-0114	LF	#3, Grade 40, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	0.76	
		For Up To 100, Add	*0.56*	
		For >100 To 200, Add	*0.30*	
		For >200 To 500, Add	*0.12*	
03 21 16 00-0115	LF	#4, Grade 40, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	1.31	
		For Up To 100, Add	*0.97*	
		For >100 To 200, Add	*0.52*	
		For >200 To 500, Add	*0.21*	
03 21 16 00-0116	LF	#5, Grade 40, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	2.00	
		For Up To 100, Add	*1.51*	
		For >100 To 200, Add	*0.80*	
		For >200 To 500, Add	*0.32*	
03 21 16 00-0117	LF	#6, Grade 40, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	2.77	
		For Up To 100, Add	*2.13*	
		For >100 To 200, Add	*1.12*	
		For >200 To 500, Add	*0.45*	
03 21 16 00-0118	LF	#3, Grade 50, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	0.78	
		For Up To 100, Add	*0.58*	
		For >100 To 200, Add	*0.31*	
		For >200 To 500, Add	*0.12*	
03 21 16 00-0119	LF	#4, Grade 50, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	1.34	
		For Up To 100, Add	*1.00*	
		For >100 To 200, Add	*0.53*	
		For >200 To 500, Add	*0.21*	
03 21 16 00-0120	LF	#5, Grade 50, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	2.04	
		For Up To 100, Add	*1.55*	
		For >100 To 200, Add	*0.82*	
		For >200 To 500, Add	*0.33*	
03 21 16 00-0121	LF	#6, Grade 50, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	2.83	
		For Up To 100, Add	*2.19*	
		For >100 To 200, Add	*1.15*	
		For >200 To 500, Add	*0.46*	
03 21 16 00-0122	LF	#3, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	0.80	
		For Up To 100, Add	*0.60*	
		For >100 To 200, Add	*0.32*	
		For >200 To 500, Add	*0.13*	
03 21 16 00-0123	LF	#4, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	1.38	
		For Up To 100, Add	*1.04*	
		For >100 To 200, Add	*0.55*	
		For >200 To 500, Add	*0.22*	
03 21 16 00-0124	LF	#5, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	2.10	
		For Up To 100, Add	*1.61*	
		For >100 To 200, Add	*0.85*	
		For >200 To 500, Add	*0.34*	
03 21 16 00-0125	LF	#6, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	2.91	
		For Up To 100, Add	*2.27*	
		For >100 To 200, Add	*1.19*	
		For >200 To 500, Add	*0.48*	
03 21 16 00-0126	LF	#7, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	3.85	
		For Up To 100, Add	*2.35*	
		For >100 To 200, Add	*1.34*	
		For >200 To 400, Add	*0.64*	
03 21 16 00-0127	LF	#8, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	4.84	
		For Up To 100, Add	*3.01*	
		For >100 To 200, Add	*1.70*	
		For >200 To 400, Add	*0.81*	
03 21 16 00-0128	LF	#9, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	6.01	
		For Up To 100, Add	*3.77*	
		For >100 To 200, Add	*2.13*	
		For >200 To 400, Add	*1.02*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 16 00-0129	LF	#10, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	7.41	
		For Up To 100, Add	*3.81*	
		For >100 To 200, Add	*2.01*	
		For >200 To 300, Add	*1.01*	
03 21 16 00-0130	LF	#11, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	8.91	
		For Up To 100, Add	*4.63*	
		For >100 To 200, Add	*2.43*	
		For >200 To 300, Add	*1.22*	
03 21 16 00-0131	LF	#14, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	12.48	
		For Up To 100, Add	*6.56*	
		For >100 To 200, Add	*3.44*	
		For >200 To 300, Add	*1.72*	
03 21 16 00-0132	LF	#18, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	21.58	
		For Up To 100, Add	*11.48*	
		For >100 To 200, Add	*5.99*	
		For >200 To 300, Add	*2.99*	
03 21 16 00-0133	LF	#6, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	3.00	
		For Up To 100, Add	*2.36*	
		For >100 To 200, Add	*1.23*	
		For >200 To 500, Add	*0.49*	
03 21 16 00-0134	LF	#7, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	3.97	
		For Up To 100, Add	*2.44*	
		For >100 To 200, Add	*1.39*	
		For >200 To 400, Add	*0.66*	
03 21 16 00-0135	LF	#8, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	4.99	
		For Up To 100, Add	*3.12*	
		For >100 To 200, Add	*1.76*	
		For >200 To 400, Add	*0.84*	
03 21 16 00-0136	LF	#9, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	6.21	
		For Up To 100, Add	*3.92*	
		For >100 To 200, Add	*2.21*	
		For >200 To 400, Add	*1.06*	
03 21 16 00-0137	LF	#10, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	7.66	
		For Up To 100, Add	*3.96*	
		For >100 To 200, Add	*2.09*	
		For >200 To 300, Add	*1.04*	
03 21 16 00-0138	LF	#11, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	9.22	
		For Up To 100, Add	*4.82*	
		For >100 To 200, Add	*2.53*	
		For >200 To 300, Add	*1.26*	
03 21 16 00-0139	LF	#14, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	12.92	
		For Up To 100, Add	*6.83*	
		For >100 To 200, Add	*3.57*	
		For >200 To 300, Add	*1.78*	
03 21 16 00-0140	LF	#18, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	22.37	
		For Up To 100, Add	*11.96*	
		For >100 To 200, Add	*6.22*	
		For >200 To 300, Add	*3.11*	

03 21 16 00-0141 Walls, Epoxy Coated Steel Reinforcement Bar *(03 21 16)*

Note: ASTM A-775 Epoxy Coated Steel.

03 21 16 00-0142	LF	#3, Grade 40, Walls, Epoxy Coated Steel Reinforcement Bar	0.74	
		For Up To 100, Add	*0.55*	
		For >100 To 200, Add	*0.29*	
		For >200 To 500, Add	*0.12*	
03 21 16 00-0143	LF	#4, Grade 40, Walls, Epoxy Coated Steel Reinforcement Bar	1.27	
		For Up To 100, Add	*0.96*	
		For >100 To 200, Add	*0.51*	
		For >200 To 500, Add	*0.20*	
03 21 16 00-0144	LF	#5, Grade 40, Walls, Epoxy Coated Steel Reinforcement Bar	1.93	
		For Up To 100, Add	*1.48*	
		For >100 To 200, Add	*0.78*	
		For >200 To 500, Add	*0.31*	
03 21 16 00-0145	LF	#6, Grade 40, Walls, Epoxy Coated Steel Reinforcement Bar	2.70	
		For Up To 100, Add	*2.10*	
		For >100 To 200, Add	*1.10*	
		For >200 To 500, Add	*0.44*	
03 21 16 00-0146	LF	#3, Grade 50, Walls, Epoxy Coated Steel Reinforcement Bar	0.76	
		For Up To 100, Add	*0.57*	
		For >100 To 200, Add	*0.30*	
		For >200 To 500, Add	*0.12*	
03 21 16 00-0147	LF	#4, Grade 50, Walls, Epoxy Coated Steel Reinforcement Bar	1.30	
		For Up To 100, Add	*0.99*	
		For >100 To 200, Add	*0.52*	
		For >200 To 500, Add	*0.21*	
03 21 16 00-0148	LF	#5, Grade 50, Walls, Epoxy Coated Steel Reinforcement Bar	1.97	
		For Up To 100, Add	*1.52*	
		For >100 To 200, Add	*0.80*	
		For >200 To 500, Add	*0.32*	
03 21 16 00-0149	LF	#6, Grade 50, Walls, Epoxy Coated Steel Reinforcement Bar	2.76	
		For Up To 100, Add	*2.16*	
		For >100 To 200, Add	*1.13*	
		For >200 To 500, Add	*0.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 16 00-0150	LF	#3, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar	0.78	
		For Up To 100, Add	*0.59*	
		For >100 To 200, Add	*0.31*	
		For >200 To 500, Add	*0.12*	
03 21 16 00-0151	LF	#4, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar	1.34	
		For Up To 100, Add	*1.03*	
		For >100 To 200, Add	*0.54*	
		For >200 To 500, Add	*0.22*	
03 21 16 00-0152	LF	#5, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar	2.03	
		For Up To 100, Add	*1.58*	
		For >100 To 200, Add	*0.83*	
		For >200 To 500, Add	*0.33*	
03 21 16 00-0153	LF	#6, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar	2.84	
		For Up To 100, Add	*2.24*	
		For >100 To 200, Add	*1.17*	
		For >200 To 500, Add	*0.47*	
03 21 16 00-0154	LF	#7, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar	3.74	
		For Up To 100, Add	*2.31*	
		For >100 To 200, Add	*1.31*	
		For >200 To 400, Add	*0.63*	
03 21 16 00-0155	LF	#8, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar	4.73	
		For Up To 100, Add	*2.97*	
		For >100 To 200, Add	*1.67*	
		For >200 To 400, Add	*0.80*	
03 21 16 00-0156	LF	#9, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar	5.88	
		For Up To 100, Add	*3.73*	
		For >100 To 200, Add	*2.10*	
		For >200 To 400, Add	*1.01*	
03 21 16 00-0157	LF	#10, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar	7.26	
		For Up To 100, Add	*3.76*	
		For >100 To 200, Add	*1.98*	
		For >200 To 300, Add	*0.99*	
03 21 16 00-0158	LF	#11, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar	8.74	
		For Up To 100, Add	*4.58*	
		For >100 To 200, Add	*2.40*	
		For >200 To 300, Add	*1.20*	
03 21 16 00-0159	LF	#14, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar	12.26	
		For Up To 100, Add	*6.50*	
		For >100 To 200, Add	*3.39*	
		For >200 To 300, Add	*1.70*	
03 21 16 00-0160	LF	#18, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar	21.23	
		For Up To 100, Add	*11.38*	
		For >100 To 200, Add	*5.92*	
		For >200 To 300, Add	*2.96*	
03 21 16 00-0161	LF	#6, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar	2.93	
		For Up To 100, Add	*2.33*	
		For >100 To 200, Add	*1.22*	
		For >200 To 500, Add	*0.49*	
03 21 16 00-0162	LF	#7, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar	3.86	
		For Up To 100, Add	*2.40*	
		For >100 To 200, Add	*1.36*	
		For >200 To 400, Add	*0.65*	
03 21 16 00-0163	LF	#8, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar	4.88	
		For Up To 100, Add	*3.08*	
		For >100 To 200, Add	*1.73*	
		For >200 To 400, Add	*0.83*	
03 21 16 00-0164	LF	#9, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar	6.08	
		For Up To 100, Add	*3.88*	
		For >100 To 200, Add	*2.18*	
		For >200 To 400, Add	*1.05*	
03 21 16 00-0165	LF	#10, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar	7.51	
		For Up To 100, Add	*3.91*	
		For >100 To 200, Add	*2.06*	
		For >200 To 300, Add	*1.03*	
03 21 16 00-0166	LF	#11, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar	9.05	
		For Up To 100, Add	*4.76*	
		For >100 To 200, Add	*2.49*	
		For >200 To 300, Add	*1.25*	
03 21 16 00-0167	LF	#14, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar	12.70	
		For Up To 100, Add	*6.76*	
		For >100 To 200, Add	*3.52*	
		For >200 To 300, Add	*1.76*	
03 21 16 00-0168	LF	#18, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar	22.02	
		For Up To 100, Add	*11.85*	
		For >100 To 200, Add	*6.15*	
		For >200 To 300, Add	*3.08*	

03 21 16 00-0169 Epoxy Coated Deformed Straight Dowels *(03 21 16)*

Note: Excludes drilling. See CSI section 02 41 19 13-0271 for drilling in concrete.

03 21 16 00-0170	EA	3/8" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel	4.90	
		For Up To 12" Length, Deduct	*-0.49*	
		For >12" To <24" Length, Deduct	*-0.24*	
03 21 16 00-0171	EA	1/2" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel	5.77	
		For Up To 12" Length, Deduct	*-0.74*	
		For >12" To <24" Length, Deduct	*-0.37*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 16 00-0172	EA	5/8" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel	7.15	
		For Up To 12" Length, Deduct	*-1.10*	
		For >12" To <24" Length, Deduct	*-0.55*	
03 21 16 00-0173	EA	3/4" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel	8.88	
		For Up To 12" Length, Deduct	*-1.46*	
		For >12" To <24" Length, Deduct	*-0.73*	
03 21 16 00-0174	EA	7/8" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel	10.68	
		For Up To 12" Length, Deduct	*-1.99*	
		For >12" To <24" Length, Deduct	*-0.99*	
03 21 16 00-0175	EA	1" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel	12.42	
		For Up To 12" Length, Deduct	*-2.45*	
		For >12" To <24" Length, Deduct	*-1.22*	
03 21 16 00-0176	EA	1-1/8" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel	14.67	
		For Up To 12" Length, Deduct	*-2.96*	
		For >12" To <24" Length, Deduct	*-1.48*	
03 21 16 00-0177	EA	1-1/4" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel	17.66	
		For Up To 12" Length, Deduct	*-3.59*	
		For >12" To <24" Length, Deduct	*-1.79*	

03 22 Fabric and Grid Reinforcing *(03 20)*

03 22 11 Plain Steel Welded Wire Fabric Reinforcing *(03 22)*

Note: Includes cutting, tie wire, tying, overlap, bar chairs and all non-mechanical splicing.

03 22 11 00-0001 Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs *(03 22 11)*

Note: Includes bar chairs. Under 5 tons. ASTM A-185

03 22 11 00-0002	SF	6" x 6" x #10, 21 LB/CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W1.4 x W1.4)	1.03	
		For >5 Ton, Deduct	*-0.15*	
03 22 11 00-0003	SF	6" x 6" x #8, 30 LB/CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.1 x W2.1)	1.18	
		For >5 Ton, Deduct	*-0.18*	
03 22 11 00-0004	SF	6" x 6" x #6, 42 LB/CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.9 x W2.9)	1.35	
		For >5 Ton, Deduct	*-0.20*	
03 22 11 00-0005	SF	6" x 6" x #4, 58 LB/CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W4.0 x W4.0)	1.61	
		For >5 Ton, Deduct	*-0.23*	
03 22 11 00-0006	SF	4" x 4" x #10, 31 LB/CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W1.4 x W1.4)	1.24	
		For >5 Ton, Deduct	*-0.18*	
03 22 11 00-0007	SF	4" x 4" x #8, 44 LB/CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.1 x W2.1)	1.40	
		For >5 Ton, Deduct	*-0.20*	
03 22 11 00-0008	SF	4" x 4" x #6, 62 LB/CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.9 x W2.9)	1.78	
		For >5 Ton, Deduct	*-0.24*	
03 22 11 00-0009	SF	4" x 4" x #4, 85 LB/CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W4.0 x W4.0)	2.08	
		For >5 Ton, Deduct	*-0.28*	
03 22 11 00-0010	SF	2" x 2" x #12, 37 LB/CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W0.9 x W0.9)	1.95	
		For >5 Ton, Deduct	*-0.25*	

03 22 13 Galvanized Welded Wire Fabric Reinforcing *(03 22)*

03 22 13 00-0001 Galvanized Welded Wire Fabric Reinforcing Placed In Floors Or Slabs *(03 22 13)*

Note: Includes bar chairs. Under 5 tons.

03 22 13 00-0002	SF	6" x 6" x #10, 21 LB/CSF, Galvanized Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W1.4 x W1.4)	1.16	
		For >5 Ton, Deduct	*-0.17*	
03 22 13 00-0003	SF	6" x 6" x #8, 29 LB/CSF, Galvanized Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.1 x W2.1)	1.33	
		For >5 Ton, Deduct	*-0.19*	
03 22 13 00-0004	SF	6" x 6" x #6, 42 LB/CSF, Galvanized Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.9 x W2.9)	1.54	
		For >5 Ton, Deduct	*-0.22*	
03 22 13 00-0005	SF	6" x 6" x #4, 58 LB/CSF, Galvanized Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W4.0 x W4.0)	1.88	
		For >5 Ton, Deduct	*-0.25*	
03 22 13 00-0006	SF	4" x 4" x #10, 31 LB/CSF, Galvanized Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W1.4 x W1.4)	1.41	
		For >5 Ton, Deduct	*-0.20*	
03 22 13 00-0007	SF	4" x 4" x #8, 43 LB/CSF, Galvanized Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.1 x W2.1)	1.62	
		For >5 Ton, Deduct	*-0.22*	
03 22 13 00-0008	SF	4" x 4" x #6, 62 LB/CSF, Galvanized Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.9 x W2.9)	2.12	
		For >5 Ton, Deduct	*-0.28*	
03 22 13 00-0009	SF	4" x 4" x #4, 85 LB/CSF, Galvanized Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W4.0 x W4.0)	2.50	
		For >5 Ton, Deduct	*-0.32*	

03 22 13 00-0010 Galvanized Welded Wire Reinforcement Wrap Placed In Beams And Columns *(03 22 13)*

Note: Includes bar chairs. Under 5 tons.

03 22 13 00-0011	SF	2" x 2" x #14, 21 LB/CSF, Galvanized Welded Wire Fabric Reinforcing Wrap Placed In Beams And Columns (W0.5 x W0.5)	4.02	
		For >5 Ton, Deduct	*-0.62*	

03 22 16 Epoxy-Coated Welded Wire Fabric Reinforcing *(03 22)*

03 22 16 00-0001 Epoxy Coated Welded Wire Fabric Reinforcing Placed In Floors Or Slabs *(03 22 16)*

Note: Includes bar chairs. Under 5 tons.

03 22 16 00-0002	SF	6" x 6" x #10, 21 LB/CSF, Epoxy Coated Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W1.4 x W1.4)	1.14	
		For >5 Ton, Deduct	*-0.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 22 16 00-0003	SF	6" x 6" x #8, 29 LB/CSF, Epoxy Coated Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.1 x W2.1)	1.31	
		For >5 Ton, Deduct	*-0.19*	
03 22 16 00-0004	SF	6" x 6" x #6, 42 LB/CSF, Epoxy Coated Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.9 x W2.9)	1.52	
		For >5 Ton, Deduct	*-0.21*	
03 22 16 00-0005	SF	6" x 6" x #4, 58 LB/CSF, Epoxy Coated Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W4.0 x W4.0)	1.84	
		For >5 Ton, Deduct	*-0.25*	
03 22 16 00-0006	SF	4" x 4" x #10, 31 LB/CSF, Epoxy Coated Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W1.4 x W1.4)	1.39	
		For >5 Ton, Deduct	*-0.20*	
03 22 16 00-0007	SF	4" x 4" x #8, 43 LB/CSF, Epoxy Coated Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.1 x W2.1)	1.59	
		For >5 Ton, Deduct	*-0.22*	
03 22 16 00-0008	SF	4" x 4" x #6, 62 LB/CSF, Epoxy Coated Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.9 x W2.9)	2.08	
		For >5 Ton, Deduct	*-0.27*	
03 22 16 00-0009	SF	4" x 4" x #4, 85 LB/CSF, Epoxy Coated Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W4.0 x W4.0)	2.45	
		For >5 Ton, Deduct	*-0.32*	

03 30 Cast-In-Place Concrete *(03)*

See CSI section 01 74 19 00-0064 for hauling over 15 miles.

03 30 53 Miscellaneous Cast-in-Place Concrete *(03 30)*

03 30 53 00-0001 Place Concrete Duct Bank *(03 30 53)*

03 30 53 00-0002	CY	Direct Chute, Place 3,000 PSI Concrete Duct Bank	232.60
		For 2,000 PSI Concrete, Deduct	*-10.30*
		For 2,500 PSI Concrete, Deduct	*-5.15*
		For 3,500 PSI Concrete, Add	*9.53*
		For 3,750 PSI Concrete, Add	*12.96*
		For 4000 PSI, Add	*16.40*
		For 4500 PSI, Add	*19.07*
		For 5000 PSI, Add	*21.73*
		For 6000 PSI, Add	*51.48*
		For 7,500 PSI Concrete, Add	*127.83*
		For White Cement Concrete, Add	*22.88*
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*24.78*
		For High Early Strength, Type 3 ASTM C150, Add	*19.07*
		For Lightweight Aggregate, ASTM C330, Add	*66.73*
		For Up To 20, Add	*16.78*
		For >20 To 50, Add	*6.29*
		For >100 To 200, Deduct	*-4.65*
		For >200 To 400, Deduct	*-9.30*
		For >400, Deduct	*-13.96*

03 30 53 00-0003 Place Concrete Thrust Blocks And Backfill *(03 30 53)*

03 30 53 00-0004	CY	Direct Chute, Place 3,000 PSI Concrete Thrust Blocks	285.35
		For 2,000 PSI Concrete, Deduct	*-10.30*
		For 2,500 PSI Concrete, Deduct	*-5.15*
		For 3,500 PSI Concrete, Add	*9.53*

03 30 53 00-0005 Hand Mix And Place Concrete *(03 30 53)*

03 30 53 00-0006	CF	Hand Mix And Place 3,000 PSI Concrete Note: For use where conventional equipment access is limited or when directed by the owner. Includes local aggregate, sand, bagged cement (Type I) and water.	22.52
		For Up To 25 CF, Add	*2.66*
		For 2,000 PSI Concrete, Deduct	*-0.44*
		For 2,500 PSI Concrete, Deduct	*-0.22*
		For 3,500 PSI Concrete, Add	*0.41*

03 31 Structural Concrete *(03 30)*

03 31 13 Heavyweight Structural Concrete *(03 31)*

Note: Includes delivery, fuel charge and placement of material. See CSI section 02 41 00 00-0000 for demolition, 03 05 13 00-0001 for admixtures, 03 11 00 00-0000 for forming, 03 20 00 00-0000 for reinforcing, 03 31 13 00-0086 for small concrete purchases (short load), 03 35 00 00-0000 for finishing, 03 39 00 00-0000 for curing.

03 31 13 00-0001 Concrete Slab Assemblies *(03 31 13)*

03 31 13 00-0002 3,000 PSI Slab On Grade Concrete Slabs Assemblies *(03 31 13 00-0001)*

Note: Includes forms, welded wire reinforcement (where necessary), #3 to #6 reinforcing rods at 12" on center each way with chairs (where necessary), vapor barrier, concrete, curing, latex or hot asphalt expansion joints, control joints, screed, float, and finish for pedestrian slabs. Excludes excavation, base, earthwork, and expansion joints along existing slab. See CSI section 03 05 13 00-0001 for color additive alternative, 03 37 16 00-0001 for concrete pumping equipment.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0003	SF	4" 3,000 PSI Slab On Grade Concrete Slab Assembly	9.42	
		For 2,000 PSI Concrete, Deduct	*-0.25*	
		For 2,500 PSI Concrete, Deduct	*-0.13*	
		For 3,500 PSI Concrete, Add	*0.09*	
		For 4,000 PSI Concrete, Add	*0.29*	
		For 4,500 PSI Concrete, Add	*0.37*	
		For 5,000 PSI Concrete, Add	*0.42*	
		For Reinforcing Rods Are At 18" On Center, Deduct	*-0.45*	
		For Reinforcing Rods Are At 24" On Center, Deduct	*-0.66*	
		For Up To 500, Add	*3.80*	
		For >500 To 1,000, Add	*2.61*	
		For >1,000 To 2,000, Add	*1.42*	
		For >2,000 To 5,000, Add	*0.71*	
		For >10,000 To 20,000, Deduct	*-0.23*	
		For >20,000 To 35,000, Deduct	*-0.47*	
		For >35,000 To 50,000, Deduct	*-0.70*	
		For >50,000 To 70,000, Deduct	*-0.94*	
		For >70,000, Deduct	*-1.17*	
03 31 13 00-0004	SF	5" 3,000 PSI Slab On Grade Concrete Slab Assembly	10.28	
		For 2,000 PSI Concrete, Deduct	*-0.28*	
		For 2,500 PSI Concrete, Deduct	*-0.14*	
		For 3,500 PSI Concrete, Add	*0.10*	
		For 4,000 PSI Concrete, Add	*0.33*	
		For 4,500 PSI Concrete, Add	*0.42*	
		For 5,000 PSI Concrete, Add	*0.48*	
		For Reinforcing Rods Are At 18" On Center, Deduct	*-0.45*	
		For Reinforcing Rods Are At 24" On Center, Deduct	*-0.66*	
		For Up To 500, Add	*4.06*	
		For >500 To 1,000, Add	*2.80*	
		For >1,000 To 2,000, Add	*1.53*	
		For >2,000 To 5,000, Add	*0.77*	
		For >10,000 To 20,000, Deduct	*-0.26*	
		For >20,000 To 35,000, Deduct	*-0.52*	
		For >35,000 To 50,000, Deduct	*-0.78*	
		For >50,000 To 70,000, Deduct	*-1.03*	
		For >70,000, Deduct	*-1.29*	
03 31 13 00-0005	SF	6" 3,000 PSI Slab On Grade Concrete Slab Assembly	11.48	
		For 2,000 PSI Concrete, Deduct	*-0.33*	
		For 2,500 PSI Concrete, Deduct	*-0.17*	
		For 3,500 PSI Concrete, Add	*0.12*	
		For 4,000 PSI Concrete, Add	*0.39*	
		For 4,500 PSI Concrete, Add	*0.49*	
		For 5,000 PSI Concrete, Add	*0.56*	
		For Reinforcing Rods Are At 18" On Center, Deduct	*-0.45*	
		For Reinforcing Rods Are At 24" On Center, Deduct	*-0.66*	
		For Up To 500, Add	*4.43*	
		For >500 To 1,000, Add	*3.06*	
		For >1,000 To 2,000, Add	*1.68*	
		For >2,000 To 5,000, Add	*0.84*	
		For >10,000 To 20,000, Deduct	*-0.31*	
		For >20,000 To 35,000, Deduct	*-0.59*	
		For >35,000 To 50,000, Deduct	*-0.88*	
		For >50,000 To 70,000, Deduct	*-1.17*	
		For >70,000, Deduct	*-1.46*	
03 31 13 00-0006	SF	7" 3,000 PSI Slab On Grade Concrete Slab Assembly	12.64	
		For 2,000 PSI Concrete, Deduct	*-0.38*	
		For 2,500 PSI Concrete, Deduct	*-0.19*	
		For 3,500 PSI Concrete, Add	*0.13*	
		For 4,000 PSI Concrete, Add	*0.45*	
		For 4,500 PSI Concrete, Add	*0.56*	
		For 5,000 PSI Concrete, Add	*0.64*	
		For Reinforcing Rods Are At 18" On Center, Deduct	*-0.45*	
		For Reinforcing Rods Are At 24" On Center, Deduct	*-0.66*	
		For Up To 500, Add	*4.76*	
		For >500 To 1,000, Add	*3.29*	
		For >1,000 To 2,000, Add	*1.82*	
		For >2,000 To 5,000, Add	*0.91*	
		For >10,000 To 20,000, Deduct	*-0.35*	
		For >20,000 To 35,000, Deduct	*-0.67*	
		For >35,000 To 50,000, Deduct	*-0.99*	
		For >50,000 To 70,000, Deduct	*-1.30*	
		For >70,000, Deduct	*-1.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0007	SF	8" 3,000 PSI Slab On Grade Concrete Slab Assembly	13.62	
		For 2,000 PSI Concrete, Deduct	*-0.42*	
		For 2,500 PSI Concrete, Deduct	*-0.21*	
		For 3,500 PSI Concrete, Add	*0.15*	
		For 4,000 PSI Concrete, Add	*0.49*	
		For 4,500 PSI Concrete, Add	*0.62*	
		For 5,000 PSI Concrete, Add	*0.71*	
		For Reinforcing Rods Are At 18" On Center, Deduct	*-0.45*	
		For Reinforcing Rods Are At 24" On Center, Deduct	*-0.66*	
		For Up To 500, Add	*5.04*	
		For >500 To 1,000, Add	*3.49*	
		For >1,000 To 2,000, Add	*1.94*	
		For >2,000 To 5,000, Add	*0.97*	
		For >10,000 To 20,000, Deduct	*-0.39*	
		For >20,000 To 35,000, Deduct	*-0.73*	
		For >35,000 To 50,000, Deduct	*-1.07*	
		For >50,000 To 70,000, Deduct	*-1.41*	
		For >70,000, Deduct	*-1.75*	
03 31 13 00-0008	SF	10" 3,000 PSI Slab On Grade Concrete Slab Assembly	16.13	
		For 2,000 PSI Concrete, Deduct	*-0.53*	
		For 2,500 PSI Concrete, Deduct	*-0.27*	
		For 3,500 PSI Concrete, Add	*0.19*	
		For 4,000 PSI Concrete, Add	*0.62*	
		For 4,500 PSI Concrete, Add	*0.78*	
		For 5,000 PSI Concrete, Add	*0.90*	
		For Reinforcing Rods Are At 18" On Center, Deduct	*-0.45*	
		For Reinforcing Rods Are At 24" On Center, Deduct	*-0.66*	
		For Up To 500, Add	*5.72*	
		For >500 To 1,000, Add	*3.98*	
		For >1,000 To 2,000, Add	*2.24*	
		For >2,000 To 5,000, Add	*1.12*	
		For >10,000 To 20,000, Deduct	*-0.49*	
		For >20,000 To 35,000, Deduct	*-0.90*	
		For >35,000 To 50,000, Deduct	*-1.30*	
		For >50,000 To 70,000, Deduct	*-1.70*	
		For >70,000, Deduct	*-2.11*	
03 31 13 00-0009	SF	12" 3,000 PSI Slab On Grade Concrete Slab Assembly	18.08	
		For 2,000 PSI Concrete, Deduct	*-0.62*	
		For 2,500 PSI Concrete, Deduct	*-0.31*	
		For 3,500 PSI Concrete, Add	*0.22*	
		For 4,000 PSI Concrete, Add	*0.72*	
		For 4,500 PSI Concrete, Add	*0.90*	
		For 5,000 PSI Concrete, Add	*1.04*	
		For Reinforcing Rods Are At 18" On Center, Deduct	*-0.45*	
		For Reinforcing Rods Are At 24" On Center, Deduct	*-0.66*	
		For Up To 500, Add	*6.29*	
		For >500 To 1,000, Add	*4.38*	
		For >1,000 To 2,000, Add	*2.48*	
		For >2,000 To 5,000, Add	*1.24*	
		For >10,000 To 20,000, Deduct	*-0.57*	
		For >20,000 To 35,000, Deduct	*-1.02*	
		For >35,000 To 50,000, Deduct	*-1.47*	
		For >50,000 To 70,000, Deduct	*-1.93*	
		For >70,000, Deduct	*-2.38*	

03 31 13 00-0010 Concrete Delivery And Placement *(03 31 13)*

Note: Includes cleaning out equipment and normal concrete placement tests. Costs include equipment usage such as pump truck, crane, chute or chute with conveyor belt. Discounts are based on per job quantity. Fly Ash substitution for Portland will be at no cost adjustment. See CSI section 01 45 23 00-0000 for additional tests, 03 05 13 00-0001 for admixtures.

03 31 13 00-0011 Place Concrete By Method Indicated *(03 31 13 00-0010)*

Note: Tasks for concrete placement "By Concrete Pump" exclude the pumping equipment. See CSI section 03 37 16 00-0001 for concrete pumping equipment.

03 31 13 00-0012 Place Concrete Pile Caps *(03 31 13 00-0011)*

03 31 13 00-0013	CY	Crane And Bucket, Place 3,000 PSI Concrete Pile Caps	337.56	
		For 2,000 PSI Concrete, Deduct	*-10.30*	
		For 2,500 PSI Concrete, Deduct	*-5.15*	
		For 3,500 PSI Concrete, Add	*9.53*	
		For 3,750 PSI Concrete, Add	*12.96*	
		For 4000 PSI, Add	*16.40*	
		For 4500 PSI, Add	*19.07*	
		For 5000 PSI, Add	*21.73*	
		For 6000 PSI, Add	*51.48*	
		For 7,500 PSI Concrete, Add	*127.83*	
		For White Cement Concrete, Add	*22.88*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*24.78*	
		For High Early Strength, Type 3 ASTM C150, Add	*19.07*	
		For Lightweight Aggregate, ASTM C330, Add	*66.73*	
		For Up To 20, Add	*58.76*	
		For >20 To 50, Add	*22.04*	
		For >100 To 200, Deduct	*-6.75*	
		For >200 To 400, Deduct	*-13.50*	
		For >400, Deduct	*-20.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0014	CY	Direct Chute, Place 3,000 PSI Concrete Pile Caps	260.28	
		For 2,000 PSI Concrete, Deduct	*-10.30*	
		For 2,500 PSI Concrete, Deduct	*-5.15*	
		For 3,500 PSI Concrete, Add	*9.53*	
		For 3,750 PSI Concrete, Add	*12.96*	
		For 4000 PSI, Add	*16.40*	
		For 4500 PSI, Add	*19.07*	
		For 5000 PSI, Add	*21.73*	
		For 6000 PSI, Add	*51.48*	
		For 7,500 PSI Concrete, Add	*127.83*	
		For White Cement Concrete, Add	*22.88*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*24.78*	
		For High Early Strength, Type 3 ASTM C150, Add	*19.07*	
		For Lightweight Aggregate, ASTM C330, Add	*66.73*	
		For Up To 20, Add	*27.85*	
		For >20 To 50, Add	*10.44*	
		For >100 To 200, Deduct	*-5.21*	
		For >200 To 400, Deduct	*-10.41*	
		For >400, Deduct	*-15.62*	
03 31 13 00-0015	CY	Concrete Pump, Place 3,000 PSI Concrete Pile Caps Note: Excludes pumping equipment.	272.84	
		For 2,000 PSI Concrete, Deduct	*-11.15*	
		For 2,500 PSI Concrete, Deduct	*-5.58*	
		For 3,500 PSI Concrete, Add	*10.33*	
		For 3,750 PSI Concrete, Add	*14.04*	
		For 4000 PSI, Add	*17.76*	
		For 4500 PSI, Add	*20.65*	
		For 5000 PSI, Add	*23.54*	
		For 6000 PSI, Add	*55.76*	
		For 7,500 PSI Concrete, Add	*138.48*	
		For White Cement Concrete, Add	*24.78*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*26.85*	
		For High Early Strength, Type 3 ASTM C150, Add	*20.65*	
		For Lightweight Aggregate, ASTM C330, Add	*72.29*	
		For Up To 20, Add	*26.52*	
		For >20 To 50, Add	*9.95*	
		For >100 To 200, Deduct	*-5.46*	
		For >200 To 400, Deduct	*-10.91*	
		For >400, Deduct	*-16.37*	

03 31 13 00-0016 Place Concrete Continuous Footings *(03 31 13 00-0011)*

03 31 13 00-0017	CY	Crane And Bucket, Place 3,000 PSI Concrete Continuous Footings	321.24	
		For 2,000 PSI Concrete, Deduct	*-10.30*	
		For 2,500 PSI Concrete, Deduct	*-5.15*	
		For 3,500 PSI Concrete, Add	*9.53*	
		For 3,750 PSI Concrete, Add	*12.96*	
		For 4000 PSI, Add	*16.40*	
		For 4500 PSI, Add	*19.07*	
		For 5000 PSI, Add	*21.73*	
		For 6000 PSI, Add	*51.48*	
		For 7,500 PSI Concrete, Add	*127.83*	
		For White Cement Concrete, Add	*22.88*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*24.78*	
		For High Early Strength, Type 3 ASTM C150, Add	*19.07*	
		For Lightweight Aggregate, ASTM C330, Add	*66.73*	
		For Up To 20, Add	*52.24*	
		For >20 To 50, Add	*19.59*	
		For >100 To 200, Deduct	*-6.42*	
		For >200 To 400, Deduct	*-12.85*	
		For >400, Deduct	*-19.27*	
03 31 13 00-0018	CY	Direct Chute, Place 3,000 PSI Concrete Continuous Footings	252.55	
		For 2,000 PSI Concrete, Deduct	*-10.30*	
		For 2,500 PSI Concrete, Deduct	*-5.15*	
		For 3,500 PSI Concrete, Add	*9.53*	
		For 3,750 PSI Concrete, Add	*12.96*	
		For 4000 PSI, Add	*16.40*	
		For 4500 PSI, Add	*19.07*	
		For 5000 PSI, Add	*21.73*	
		For 6000 PSI, Add	*51.48*	
		For 7,500 PSI Concrete, Add	*127.83*	
		For White Cement Concrete, Add	*22.88*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*24.78*	
		For High Early Strength, Type 3 ASTM C150, Add	*19.07*	
		For Lightweight Aggregate, ASTM C330, Add	*66.73*	
		For Up To 20, Add	*24.76*	
		For >20 To 50, Add	*9.29*	
		For >100 To 200, Deduct	*-5.05*	
		For >200 To 400, Deduct	*-10.10*	
		For >400, Deduct	*-15.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0019	CY	Concrete Pump, Place 3,000 PSI Concrete Continuous Footings Note: Excludes pumping equipment.	265.47	
		For 2,000 PSI Concrete, Deduct	*-11.15*	
		For 2,500 PSI Concrete, Deduct	*-5.58*	
		For 3,500 PSI Concrete, Add	*10.33*	
		For 3,750 PSI Concrete, Add	*14.04*	
		For 4000 PSI, Add	*17.76*	
		For 4500 PSI, Add	*20.65*	
		For 5000 PSI, Add	*23.54*	
		For 6000 PSI, Add	*55.76*	
		For 7,500 PSI Concrete, Add	*138.48*	
		For White Cement Concrete, Add	*24.78*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*26.85*	
		For High Early Strength, Type 3 ASTM C150, Add	*20.65*	
		For Lightweight Aggregate, ASTM C330, Add	*72.29*	
		For Up To 20, Add	*23.58*	
		For >20 To 50, Add	*8.84*	
		For >100 To 200, Deduct	*-5.31*	
		For >200 To 400, Deduct	*-10.62*	
		For >400, Deduct	*-15.93*	

03 31 13 00-0020 Place Concrete Spread Footings *(03 31 13 00-0011)*

03 31 13 00-0021	CY	Crane And Bucket, Place 3,000 PSI Concrete Spread Footings	411.02	
		For 2,000 PSI Concrete, Deduct	*-10.30*	
		For 2,500 PSI Concrete, Deduct	*-5.15*	
		For 3,500 PSI Concrete, Add	*9.53*	
		For 3,750 PSI Concrete, Add	*12.96*	
		For 4000 PSI, Add	*16.40*	
		For 4500 PSI, Add	*19.07*	
		For 5000 PSI, Add	*21.73*	
		For 6000 PSI, Add	*51.48*	
		For 7,500 PSI Concrete, Add	*127.83*	
		For White Cement Concrete, Add	*22.88*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*24.78*	
		For High Early Strength, Type 3 ASTM C150, Add	*19.07*	
		For Lightweight Aggregate, ASTM C330, Add	*66.73*	
		For Up To 20, Add	*88.15*	
		For >20 To 50, Add	*33.06*	
		For >100 To 200, Deduct	*-8.22*	
		For >200 To 400, Deduct	*-16.44*	
		For >400, Deduct	*-24.66*	
03 31 13 00-0022	CY	Direct Chute, Place 3,000 PSI Concrete Spread Footings	295.10	
		For 2,000 PSI Concrete, Deduct	*-10.30*	
		For 2,500 PSI Concrete, Deduct	*-5.15*	
		For 3,500 PSI Concrete, Add	*9.53*	
		For 3,750 PSI Concrete, Add	*12.96*	
		For 4000 PSI, Add	*16.40*	
		For 4500 PSI, Add	*19.07*	
		For 5000 PSI, Add	*21.73*	
		For 6000 PSI, Add	*51.48*	
		For 7,500 PSI Concrete, Add	*127.83*	
		For White Cement Concrete, Add	*22.88*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*24.78*	
		For High Early Strength, Type 3 ASTM C150, Add	*19.07*	
		For Lightweight Aggregate, ASTM C330, Add	*66.73*	
		For Up To 20, Add	*41.78*	
		For >20 To 50, Add	*15.67*	
		For >100 To 200, Deduct	*-5.90*	
		For >200 To 400, Deduct	*-11.80*	
		For >400, Deduct	*-17.71*	
03 31 13 00-0023	CY	Concrete Pump, Place 3,000 PSI Concrete Spread Footings Note: Excludes pumping equipment.	306.01	
		For 2,000 PSI Concrete, Deduct	*-11.15*	
		For 2,500 PSI Concrete, Deduct	*-5.58*	
		For 3,500 PSI Concrete, Add	*10.33*	
		For 3,750 PSI Concrete, Add	*14.04*	
		For 4000 PSI, Add	*17.76*	
		For 4500 PSI, Add	*20.65*	
		For 5000 PSI, Add	*23.54*	
		For 6000 PSI, Add	*55.76*	
		For 7,500 PSI Concrete, Add	*138.48*	
		For White Cement Concrete, Add	*24.78*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*26.85*	
		For High Early Strength, Type 3 ASTM C150, Add	*20.65*	
		For Lightweight Aggregate, ASTM C330, Add	*72.29*	
		For Up To 20, Add	*39.79*	
		For >20 To 50, Add	*14.92*	
		For >100 To 200, Deduct	*-6.12*	
		For >200 To 400, Deduct	*-12.24*	
		For >400, Deduct	*-18.36*	

03 31 13 00-0024 Place Concrete Mat Foundation *(03 31 13 00-0011)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0025	CY	Crane And Bucket, Place 3,000 PSI Concrete Mat Foundation	229.83	
		For 2,000 PSI Concrete, Deduct	*-10.30*	
		For 2,500 PSI Concrete, Deduct	*-5.15*	
		For 3,500 PSI Concrete, Add	*9.53*	
		For 3,750 PSI Concrete, Add	*12.96*	
		For 4000 PSI, Add	*16.40*	
		For 4500 PSI, Add	*19.07*	
		For 5000 PSI, Add	*21.73*	
		For 6000 PSI, Add	*51.48*	
		For 7,500 PSI Concrete, Add	*127.83*	
		For White Cement Concrete, Add	*22.88*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*24.78*	
		For High Early Strength, Type 3 ASTM C150, Add	*19.07*	
		For Lightweight Aggregate, ASTM C330, Add	*66.73*	
		For Up To 20, Add	*15.67*	
		For >20 To 50, Add	*5.88*	
		For >100 To 200, Deduct	*-4.60*	
		For >200 To 400, Deduct	*-9.19*	
		For >400, Deduct	*-13.79*	
03 31 13 00-0026	CY	Direct Chute, Place 3,000 PSI Concrete Mat Foundation	209.23	
		For 2,000 PSI Concrete, Deduct	*-10.30*	
		For 2,500 PSI Concrete, Deduct	*-5.15*	
		For 3,500 PSI Concrete, Add	*9.53*	
		For 3,750 PSI Concrete, Add	*12.96*	
		For 4000 PSI, Add	*16.40*	
		For 4500 PSI, Add	*19.07*	
		For 5000 PSI, Add	*21.73*	
		For 6000 PSI, Add	*51.48*	
		For 7,500 PSI Concrete, Add	*127.83*	
		For White Cement Concrete, Add	*22.88*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*24.78*	
		For High Early Strength, Type 3 ASTM C150, Add	*19.07*	
		For Lightweight Aggregate, ASTM C330, Add	*66.73*	
		For Up To 20, Add	*7.43*	
		For >20 To 50, Add	*2.79*	
		For >100 To 200, Deduct	*-4.18*	
		For >200 To 400, Deduct	*-8.37*	
		For >400, Deduct	*-12.55*	
03 31 13 00-0027	CY	Concrete Pump, Place 3,000 PSI Concrete Mat Foundation Note: Excludes pumping equipment.	222.01	
		For 2,000 PSI Concrete, Deduct	*-11.15*	
		For 2,500 PSI Concrete, Deduct	*-5.58*	
		For 3,500 PSI Concrete, Add	*10.33*	
		For 3,750 PSI Concrete, Add	*14.04*	
		For 4000 PSI, Add	*17.76*	
		For 4500 PSI, Add	*20.65*	
		For 5000 PSI, Add	*23.54*	
		For 6000 PSI, Add	*55.76*	
		For 7,500 PSI Concrete, Add	*138.48*	
		For White Cement Concrete, Add	*24.78*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*26.85*	
		For High Early Strength, Type 3 ASTM C150, Add	*20.65*	
		For Lightweight Aggregate, ASTM C330, Add	*72.29*	
		For Up To 20, Add	*6.19*	
		For >20 To 50, Add	*2.32*	
		For >100 To 200, Deduct	*-4.44*	
		For >200 To 400, Deduct	*-8.88*	
		For >400, Deduct	*-13.32*	

03 31 13 00-0028 Place Concrete Grade Beams *(03 31 13 00-0011)*

03 31 13 00-0029	CY	Crane And Bucket, Place 3,000 PSI Concrete Grade Beams	295.12	
		For 2,000 PSI Concrete, Deduct	*-10.30*	
		For 2,500 PSI Concrete, Deduct	*-5.15*	
		For 3,500 PSI Concrete, Add	*9.53*	
		For 3,750 PSI Concrete, Add	*12.96*	
		For 4000 PSI, Add	*16.40*	
		For 4500 PSI, Add	*19.07*	
		For 5000 PSI, Add	*21.73*	
		For 6000 PSI, Add	*51.48*	
		For 7,500 PSI Concrete, Add	*127.83*	
		For White Cement Concrete, Add	*22.88*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*24.78*	
		For High Early Strength, Type 3 ASTM C150, Add	*19.07*	
		For Lightweight Aggregate, ASTM C330, Add	*66.73*	
		For Up To 20, Add	*41.79*	
		For >20 To 50, Add	*15.67*	
		For >100 To 200, Deduct	*-5.90*	
		For >200 To 400, Deduct	*-11.80*	
		For >400, Deduct	*-17.71*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0030	CY	Direct Chute, Place 3,000 PSI Concrete Grade Beams	240.16	
		For 2,000 PSI Concrete, Deduct	*-10.30*	
		For 2,500 PSI Concrete, Deduct	*-5.15*	
		For 3,500 PSI Concrete, Add	*9.53*	
		For 3,750 PSI Concrete, Add	*12.96*	
		For 4000 PSI, Add	*16.40*	
		For 4500 PSI, Add	*19.07*	
		For 5000 PSI, Add	*21.73*	
		For 6000 PSI, Add	*51.48*	
		For 7,500 PSI Concrete, Add	*127.83*	
		For White Cement Concrete, Add	*22.88*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*24.78*	
		For High Early Strength, Type 3 ASTM C150, Add	*19.07*	
		For Lightweight Aggregate, ASTM C330, Add	*66.73*	
		For Up To 20, Add	*19.80*	
		For >20 To 50, Add	*7.43*	
		For >100 To 200, Deduct	*-4.80*	
		For >200 To 400, Deduct	*-9.61*	
		For >400, Deduct	*-14.41*	
03 31 13 00-0031	CY	Concrete Pump, Place 3,000 PSI Concrete Grade Beams	253.69	
		Note: Excludes pumping equipment.		
		For 2,000 PSI Concrete, Deduct	*-11.15*	
		For 2,500 PSI Concrete, Deduct	*-5.58*	
		For 3,500 PSI Concrete, Add	*10.33*	
		For 3,750 PSI Concrete, Add	*14.04*	
		For 4000 PSI, Add	*17.76*	
		For 4500 PSI, Add	*20.65*	
		For 5000 PSI, Add	*23.54*	
		For 6000 PSI, Add	*55.76*	
		For 7,500 PSI Concrete, Add	*138.48*	
		For White Cement Concrete, Add	*24.78*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*26.85*	
		For High Early Strength, Type 3 ASTM C150, Add	*20.65*	
		For Lightweight Aggregate, ASTM C330, Add	*72.29*	
		For Up To 20, Add	*18.86*	
		For >20 To 50, Add	*7.07*	
		For >100 To 200, Deduct	*-5.07*	
		For >200 To 400, Deduct	*-10.15*	
		For >400, Deduct	*-15.22*	

03 31 13 00-0032 Place Concrete Slab On Grade *(03 31 13 00-0011)*

03 31 13 00-0033	CY	Up To 6", By Crane And Bucket, Place 3,000 PSI Concrete Slab On Grade	297.58	
		For 2,000 PSI Concrete, Deduct	*-10.30*	
		For 2,500 PSI Concrete, Deduct	*-5.15*	
		For 3,500 PSI Concrete, Add	*9.53*	
		For 3,750 PSI Concrete, Add	*12.96*	
		For 4000 PSI, Add	*16.40*	
		For 4500 PSI, Add	*19.07*	
		For 5000 PSI, Add	*21.73*	
		For 6000 PSI, Add	*51.48*	
		For 7,500 PSI Concrete, Add	*127.83*	
		For White Cement Concrete, Add	*22.88*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*24.78*	
		For High Early Strength, Type 3 ASTM C150, Add	*19.07*	
		For Lightweight Aggregate, ASTM C330, Add	*66.73*	
		For Up To 20, Add	*42.77*	
		For >20 To 50, Add	*16.04*	
		For >100 To 200, Deduct	*-5.95*	
		For >200 To 400, Deduct	*-11.90*	
		For >400, Deduct	*-17.85*	
03 31 13 00-0034	CY	>6", By Crane And Bucket, Place 3,000 PSI Concrete Slab On Grade	271.79	
		For 2,000 PSI Concrete, Deduct	*-10.30*	
		For 2,500 PSI Concrete, Deduct	*-5.15*	
		For 3,500 PSI Concrete, Add	*9.53*	
		For 3,750 PSI Concrete, Add	*12.96*	
		For 4000 PSI, Add	*16.40*	
		For 4500 PSI, Add	*19.07*	
		For 5000 PSI, Add	*21.73*	
		For 6000 PSI, Add	*51.48*	
		For 7,500 PSI Concrete, Add	*127.83*	
		For White Cement Concrete, Add	*22.88*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*24.78*	
		For High Early Strength, Type 3 ASTM C150, Add	*19.07*	
		For Lightweight Aggregate, ASTM C330, Add	*66.73*	
		For Up To 20, Add	*32.46*	
		For >20 To 50, Add	*12.17*	
		For >100 To 200, Deduct	*-5.44*	
		For >200 To 400, Deduct	*-10.87*	
		For >400, Deduct	*-16.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0035	CY	Up To 6", By Direct Chute, Place 3,000 PSI Concrete Slab On Grade	241.33	
		For 2,000 PSI Concrete, Deduct	*-10.30*	
		For 2,500 PSI Concrete, Deduct	*-5.15*	
		For 3,500 PSI Concrete, Add	*9.53*	
		For 3,750 PSI Concrete, Add	*12.96*	
		For 4000 PSI, Add	*16.40*	
		For 4500 PSI, Add	*19.07*	
		For 5000 PSI, Add	*21.73*	
		For 6000 PSI, Add	*51.48*	
		For 7,500 PSI Concrete, Add	*127.83*	
		For White Cement Concrete, Add	*22.88*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*24.78*	
		For High Early Strength, Type 3 ASTM C150, Add	*19.07*	
		For Lightweight Aggregate, ASTM C330, Add	*66.73*	
		For Up To 20, Add	*20.27*	
		For >20 To 50, Add	*7.60*	
		For >100 To 200, Deduct	*-4.83*	
		For >200 To 400, Deduct	*-9.65*	
		For >400, Deduct	*-14.48*	
03 31 13 00-0036	CY	>6", By Direct Chute, Place 3,000 PSI Concrete Slab On Grade	229.10	
		For 2,000 PSI Concrete, Deduct	*-10.30*	
		For 2,500 PSI Concrete, Deduct	*-5.15*	
		For 3,500 PSI Concrete, Add	*9.53*	
		For 3,750 PSI Concrete, Add	*12.96*	
		For 4000 PSI, Add	*16.40*	
		For 4500 PSI, Add	*19.07*	
		For 5000 PSI, Add	*21.73*	
		For 6000 PSI, Add	*51.48*	
		For 7,500 PSI Concrete, Add	*127.83*	
		For White Cement Concrete, Add	*22.88*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*24.78*	
		For High Early Strength, Type 3 ASTM C150, Add	*19.07*	
		For Lightweight Aggregate, ASTM C330, Add	*66.73*	
		For Up To 20, Add	*15.38*	
		For >20 To 50, Add	*5.77*	
		For >100 To 200, Deduct	*-4.58*	
		For >200 To 400, Deduct	*-9.16*	
		For >400, Deduct	*-13.75*	
03 31 13 00-0037	CY	Up To 6", By Concrete Pump, Place 3,000 PSI Concrete Slab On Grade Note: Excludes pumping equipment.	248.76	
		For 2,000 PSI Concrete, Deduct	*-11.15*	
		For 2,500 PSI Concrete, Deduct	*-5.58*	
		For 3,500 PSI Concrete, Add	*10.33*	
		For 3,750 PSI Concrete, Add	*14.04*	
		For 4000 PSI, Add	*17.76*	
		For 4500 PSI, Add	*20.65*	
		For 5000 PSI, Add	*23.54*	
		For 6000 PSI, Add	*55.76*	
		For 7,500 PSI Concrete, Add	*138.48*	
		For White Cement Concrete, Add	*24.78*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*26.85*	
		For High Early Strength, Type 3 ASTM C150, Add	*20.65*	
		For Lightweight Aggregate, ASTM C330, Add	*72.29*	
		For Up To 20, Add	*16.89*	
		For >20 To 50, Add	*6.33*	
		For >100 To 200, Deduct	*-4.98*	
		For >200 To 400, Deduct	*-9.95*	
		For >400, Deduct	*-14.93*	
03 31 13 00-0038	CY	>6", By Concrete Pump, Place 3,000 PSI Concrete Slab On Grade Note: Excludes pumping equipment.	238.58	
		For 2,000 PSI Concrete, Deduct	*-11.15*	
		For 2,500 PSI Concrete, Deduct	*-5.58*	
		For 3,500 PSI Concrete, Add	*10.33*	
		For 3,750 PSI Concrete, Add	*14.04*	
		For 4000 PSI, Add	*17.76*	
		For 4500 PSI, Add	*20.65*	
		For 5000 PSI, Add	*23.54*	
		For 6000 PSI, Add	*55.76*	
		For 7,500 PSI Concrete, Add	*138.48*	
		For White Cement Concrete, Add	*24.78*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*26.85*	
		For High Early Strength, Type 3 ASTM C150, Add	*20.65*	
		For Lightweight Aggregate, ASTM C330, Add	*72.29*	
		For Up To 20, Add	*12.82*	
		For >20 To 50, Add	*4.81*	
		For >100 To 200, Deduct	*-4.77*	
		For >200 To 400, Deduct	*-9.54*	
		For >400, Deduct	*-14.31*	

03 31 13 00-0039 Place Concrete Stairs *(03 31 13 00-0011)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0040	CY	Crane And Bucket, Place 3,000 PSI On Grade Concrete Stairs	671.74	
		For 2,000 PSI Concrete, Deduct	*-10.30*	
		For 2,500 PSI Concrete, Deduct	*-5.15*	
		For 3,500 PSI Concrete, Add	*9.53*	
		For 3,750 PSI Concrete, Add	*12.96*	
		For 4000 PSI, Add	*16.40*	
		For 4500 PSI, Add	*19.07*	
		For 5000 PSI, Add	*21.73*	
		For 6000 PSI, Add	*51.48*	
		For 7,500 PSI Concrete, Add	*127.83*	
		For White Cement Concrete, Add	*22.88*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*24.78*	
		For High Early Strength, Type 3 ASTM C150, Add	*19.07*	
		For Lightweight Aggregate, ASTM C330, Add	*66.73*	
		For Up To 20, Add	*192.44*	
		For >20 To 50, Add	*72.16*	
		For >100 To 200, Deduct	*-13.43*	
		For >200 To 400, Deduct	*-26.87*	
		For >400, Deduct	*-40.30*	
03 31 13 00-0041	CY	Direct Chute, Place 3,000 PSI On Grade Concrete Stairs	418.71	
		For 2,000 PSI Concrete, Deduct	*-10.30*	
		For 2,500 PSI Concrete, Deduct	*-5.15*	
		For 3,500 PSI Concrete, Add	*9.53*	
		For 3,750 PSI Concrete, Add	*12.96*	
		For 4000 PSI, Add	*16.40*	
		For 4500 PSI, Add	*19.07*	
		For 5000 PSI, Add	*21.73*	
		For 6000 PSI, Add	*51.48*	
		For 7,500 PSI Concrete, Add	*127.83*	
		For White Cement Concrete, Add	*22.88*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*24.78*	
		For High Early Strength, Type 3 ASTM C150, Add	*19.07*	
		For Lightweight Aggregate, ASTM C330, Add	*66.73*	
		For Up To 20, Add	*91.22*	
		For >20 To 50, Add	*34.21*	
		For >100 To 200, Deduct	*-8.37*	
		For >200 To 400, Deduct	*-16.75*	
		For >400, Deduct	*-25.12*	
03 31 13 00-0042	CY	Concrete Pump, Place 3,000 PSI On Grade Concrete Stairs Note: Excludes pumping equipment.	396.59	
		For 2,000 PSI Concrete, Deduct	*-11.15*	
		For 2,500 PSI Concrete, Deduct	*-5.58*	
		For 3,500 PSI Concrete, Add	*10.33*	
		For 3,750 PSI Concrete, Add	*14.04*	
		For 4000 PSI, Add	*17.76*	
		For 4500 PSI, Add	*20.65*	
		For 5000 PSI, Add	*23.54*	
		For 6000 PSI, Add	*55.76*	
		For 7,500 PSI Concrete, Add	*138.48*	
		For White Cement Concrete, Add	*24.78*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*26.85*	
		For High Early Strength, Type 3 ASTM C150, Add	*20.65*	
		For Lightweight Aggregate, ASTM C330, Add	*72.29*	
		For Up To 20, Add	*76.02*	
		For >20 To 50, Add	*28.51*	
		For >100 To 200, Deduct	*-7.93*	
		For >200 To 400, Deduct	*-15.86*	
		For >400, Deduct	*-23.80*	

03 31 13 00-0043 Place Concrete Superstructure By Method Indicated *(03 31 13 00-0010)*

See CSI section 03 37 16 00-0001 for concrete pump truck.

03 31 13 00-0044 Place Elevated Concrete Beams *(03 31 13 00-0043)*

03 31 13 00-0045	CY	Crane And Bucket, Place 3,000 PSI Elevated Concrete Beams	451.82	
		For 2,000 PSI Concrete, Deduct	*-10.30*	
		For 2,500 PSI Concrete, Deduct	*-5.15*	
		For 3,500 PSI Concrete, Add	*9.53*	
		For 3,750 PSI Concrete, Add	*12.96*	
		For 4000 PSI, Add	*16.40*	
		For 4500 PSI, Add	*19.07*	
		For 5000 PSI, Add	*21.73*	
		For 6000 PSI, Add	*51.48*	
		For 7,500 PSI Concrete, Add	*127.83*	
		For White Cement Concrete, Add	*22.88*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*24.78*	
		For High Early Strength, Type 3 ASTM C150, Add	*19.07*	
		For Lightweight Aggregate, ASTM C330, Add	*66.73*	
		For Up To 20, Add	*104.47*	
		For >20 To 50, Add	*39.18*	
		For >100 To 200, Deduct	*-9.04*	
		For >200 To 400, Deduct	*-18.07*	
		For >400, Deduct	*-27.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0046	CY	Concrete Pump, Place 3,000 PSI Elevated Concrete Beams Note: Excludes pumping equipment.	324.42	
		For 2,000 PSI Concrete, Deduct	*-11.15*	
		For 2,500 PSI Concrete, Deduct	*-5.58*	
		For 3,500 PSI Concrete, Add	*10.33*	
		For 3,750 PSI Concrete, Add	*14.04*	
		For 4000 PSI, Add	*17.76*	
		For 4500 PSI, Add	*20.65*	
		For 5000 PSI, Add	*23.54*	
		For 6000 PSI, Add	*55.76*	
		For 7,500 PSI Concrete, Add	*138.48*	
		For White Cement Concrete, Add	*24.78*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*26.85*	
		For High Early Strength, Type 3 ASTM C150, Add	*20.65*	
		For Lightweight Aggregate, ASTM C330, Add	*72.29*	
		For Up To 20, Add	*47.16*	
		For >20 To 50, Add	*17.68*	
		For >100 To 200, Deduct	*-6.49*	
		For >200 To 400, Deduct	*-12.98*	
		For >400, Deduct	*-19.47*	

03 31 13 00-0047 Place Elevated Concrete Slab *(03 31 13 00-0043)*

03 31 13 00-0048	CY	Up To 6", By Crane And Bucket, Place 3,000 PSI Elevated Concrete Slab	313.61	
		For 2,000 PSI Concrete, Deduct	*-10.30*	
		For 2,500 PSI Concrete, Deduct	*-5.15*	
		For 3,500 PSI Concrete, Add	*9.53*	
		For 3,750 PSI Concrete, Add	*12.96*	
		For 4000 PSI, Add	*16.40*	
		For 4500 PSI, Add	*19.07*	
		For 5000 PSI, Add	*21.73*	
		For 6000 PSI, Add	*51.48*	
		For 7,500 PSI Concrete, Add	*127.83*	
		For White Cement Concrete, Add	*22.88*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*24.78*	
		For High Early Strength, Type 3 ASTM C150, Add	*19.07*	
		For Lightweight Aggregate, ASTM C330, Add	*66.73*	
		For Up To 20, Add	*49.18*	
		For >20 To 50, Add	*18.44*	
		For >100 To 200, Deduct	*-6.27*	
		For >200 To 400, Deduct	*-12.54*	
		For >400, Deduct	*-18.82*	
03 31 13 00-0049	CY	>6", By Crane And Bucket, Place 3,000 PSI Elevated Concrete Slab	283.95	
		For 2,000 PSI Concrete, Deduct	*-10.30*	
		For 2,500 PSI Concrete, Deduct	*-5.15*	
		For 3,500 PSI Concrete, Add	*9.53*	
		For 3,750 PSI Concrete, Add	*12.96*	
		For 4000 PSI, Add	*16.40*	
		For 4500 PSI, Add	*19.07*	
		For 5000 PSI, Add	*21.73*	
		For 6000 PSI, Add	*51.48*	
		For 7,500 PSI Concrete, Add	*127.83*	
		For White Cement Concrete, Add	*22.88*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*24.78*	
		For High Early Strength, Type 3 ASTM C150, Add	*19.07*	
		For Lightweight Aggregate, ASTM C330, Add	*66.73*	
		For Up To 20, Add	*37.32*	
		For >20 To 50, Add	*14.00*	
		For >100 To 200, Deduct	*-5.68*	
		For >200 To 400, Deduct	*-11.36*	
		For >400, Deduct	*-17.04*	
03 31 13 00-0050	CY	Up To 6", By Concrete Pump, Place 3,000 PSI Elevated Concrete Slab Note: Excludes pumping equipment.	262.04	
		For 2,000 PSI Concrete, Deduct	*-11.15*	
		For 2,500 PSI Concrete, Deduct	*-5.58*	
		For 3,500 PSI Concrete, Add	*10.33*	
		For 3,750 PSI Concrete, Add	*14.04*	
		For 4000 PSI, Add	*17.76*	
		For 4500 PSI, Add	*20.65*	
		For 5000 PSI, Add	*23.54*	
		For 6000 PSI, Add	*55.76*	
		For 7,500 PSI Concrete, Add	*138.48*	
		For White Cement Concrete, Add	*24.78*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*26.85*	
		For High Early Strength, Type 3 ASTM C150, Add	*20.65*	
		For Lightweight Aggregate, ASTM C330, Add	*72.29*	
		For Up To 20, Add	*22.20*	
		For >20 To 50, Add	*8.33*	
		For >100 To 200, Deduct	*-5.24*	
		For >200 To 400, Deduct	*-10.48*	
		For >400, Deduct	*-15.72*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0051	CY	>6", By Concrete Pump, Place 3,000 PSI Elevated Concrete Slab Note: Excludes pumping equipment.	248.64	
		For 2,000 PSI Concrete, Deduct	*-11.15*	
		For 2,500 PSI Concrete, Deduct	*-5.58*	
		For 3,500 PSI Concrete, Add	*10.33*	
		For 3,750 PSI Concrete, Add	*14.04*	
		For 4000 PSI, Add	*17.76*	
		For 4500 PSI, Add	*20.65*	
		For 5000 PSI, Add	*23.54*	
		For 6000 PSI, Add	*55.76*	
		For 7,500 PSI Concrete, Add	*138.48*	
		For White Cement Concrete, Add	*24.78*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*26.85*	
		For High Early Strength, Type 3 ASTM C150, Add	*20.65*	
		For Lightweight Aggregate, ASTM C330, Add	*72.29*	
		For Up To 20, Add	*16.84*	
		For >20 To 50, Add	*6.32*	
		For >100 To 200, Deduct	*-4.97*	
		For >200 To 400, Deduct	*-9.95*	
		For >400, Deduct	*-14.92*	

03 31 13 00-0052 Place Concrete Columns *(03 31 13 00-0043)*

03 31 13 00-0053	CY	12" Square Or Round, By Crane And Bucket, Place 3,000 PSI Concrete Columns	472.72	
		For 2,000 PSI Concrete, Deduct	*-10.30*	
		For 2,500 PSI Concrete, Deduct	*-5.15*	
		For 3,500 PSI Concrete, Add	*9.53*	
		For 3,750 PSI Concrete, Add	*12.96*	
		For 4000 PSI, Add	*16.40*	
		For 4500 PSI, Add	*19.07*	
		For 5000 PSI, Add	*21.73*	
		For 6000 PSI, Add	*51.48*	
		For 7,500 PSI Concrete, Add	*127.83*	
		For White Cement Concrete, Add	*22.88*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*24.78*	
		For High Early Strength, Type 3 ASTM C150, Add	*19.07*	
		For Lightweight Aggregate, ASTM C330, Add	*66.73*	
		For Up To 20, Add	*112.83*	
		For >20 To 50, Add	*42.31*	
		For >100 To 200, Deduct	*-9.45*	
		For >200 To 400, Deduct	*-18.91*	
		For >400, Deduct	*-28.36*	
03 31 13 00-0054	CY	18" Square Or Round, By Crane And Bucket, Place 3,000 PSI Concrete Columns	395.67	
		For 2,000 PSI Concrete, Deduct	*-10.30*	
		For 2,500 PSI Concrete, Deduct	*-5.15*	
		For 3,500 PSI Concrete, Add	*9.53*	
		For 3,750 PSI Concrete, Add	*12.96*	
		For 4000 PSI, Add	*16.40*	
		For 4500 PSI, Add	*19.07*	
		For 5000 PSI, Add	*21.73*	
		For 6000 PSI, Add	*51.48*	
		For 7,500 PSI Concrete, Add	*127.83*	
		For White Cement Concrete, Add	*22.88*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*24.78*	
		For High Early Strength, Type 3 ASTM C150, Add	*19.07*	
		For Lightweight Aggregate, ASTM C330, Add	*66.73*	
		For Up To 20, Add	*82.01*	
		For >20 To 50, Add	*30.75*	
		For >100 To 200, Deduct	*-7.91*	
		For >200 To 400, Deduct	*-15.83*	
		For >400, Deduct	*-23.74*	
03 31 13 00-0055	CY	24" Square Or Round, By Crane And Bucket, Place 3,000 PSI Concrete Columns	340.57	
		For 2,000 PSI Concrete, Deduct	*-10.30*	
		For 2,500 PSI Concrete, Deduct	*-5.15*	
		For 3,500 PSI Concrete, Add	*9.53*	
		For 3,750 PSI Concrete, Add	*12.96*	
		For 4000 PSI, Add	*16.40*	
		For 4500 PSI, Add	*19.07*	
		For 5000 PSI, Add	*21.73*	
		For 6000 PSI, Add	*51.48*	
		For 7,500 PSI Concrete, Add	*127.83*	
		For White Cement Concrete, Add	*22.88*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*24.78*	
		For High Early Strength, Type 3 ASTM C150, Add	*19.07*	
		For Lightweight Aggregate, ASTM C330, Add	*66.73*	
		For Up To 20, Add	*59.97*	
		For >20 To 50, Add	*22.49*	
		For >100 To 200, Deduct	*-6.81*	
		For >200 To 400, Deduct	*-13.62*	
		For >400, Deduct	*-20.43*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0056	CY	36" Square Or Round, By Crane And Bucket, Place 3,000 PSI Concrete Columns	316.02	
		For 2,000 PSI Concrete, Deduct	*-10.30*	
		For 2,500 PSI Concrete, Deduct	*-5.15*	
		For 3,500 PSI Concrete, Add	*9.53*	
		For 3,750 PSI Concrete, Add	*12.96*	
		For 4000 PSI, Add	*16.40*	
		For 4500 PSI, Add	*19.07*	
		For 5000 PSI, Add	*21.73*	
		For 6000 PSI, Add	*51.48*	
		For 7,500 PSI Concrete, Add	*127.83*	
		For White Cement Concrete, Add	*22.88*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*24.78*	
		For High Early Strength, Type 3 ASTM C150, Add	*19.07*	
		For Lightweight Aggregate, ASTM C330, Add	*66.73*	
		For Up To 20, Add	*50.15*	
		For >20 To 50, Add	*18.81*	
		For >100 To 200, Deduct	*-6.32*	
		For >200 To 400, Deduct	*-12.64*	
		For >400, Deduct	*-18.96*	
03 31 13 00-0057	CY	12" Square Or Round, By Concrete Pump, Place 3,000 PSI Concrete Columns Note: Excludes pumping equipment.	333.86	
		For 2,000 PSI Concrete, Deduct	*-11.15*	
		For 2,500 PSI Concrete, Deduct	*-5.58*	
		For 3,500 PSI Concrete, Add	*10.33*	
		For 3,750 PSI Concrete, Add	*14.04*	
		For 4000 PSI, Add	*17.76*	
		For 4500 PSI, Add	*20.65*	
		For 5000 PSI, Add	*23.54*	
		For 6000 PSI, Add	*55.76*	
		For 7,500 PSI Concrete, Add	*138.48*	
		For White Cement Concrete, Add	*24.78*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*26.85*	
		For High Early Strength, Type 3 ASTM C150, Add	*20.65*	
		For Lightweight Aggregate, ASTM C330, Add	*72.29*	
		For Up To 20, Add	*50.93*	
		For >20 To 50, Add	*19.10*	
		For >100 To 200, Deduct	*-6.68*	
		For >200 To 400, Deduct	*-13.35*	
		For >400, Deduct	*-20.03*	
03 31 13 00-0058	CY	18" Square Or Round, By Concrete Pump, Place 3,000 PSI Concrete Columns Note: Excludes pumping equipment.	299.08	
		For 2,000 PSI Concrete, Deduct	*-11.15*	
		For 2,500 PSI Concrete, Deduct	*-5.58*	
		For 3,500 PSI Concrete, Add	*10.33*	
		For 3,750 PSI Concrete, Add	*14.04*	
		For 4000 PSI, Add	*17.76*	
		For 4500 PSI, Add	*20.65*	
		For 5000 PSI, Add	*23.54*	
		For 6000 PSI, Add	*55.76*	
		For 7,500 PSI Concrete, Add	*138.48*	
		For White Cement Concrete, Add	*24.78*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*26.85*	
		For High Early Strength, Type 3 ASTM C150, Add	*20.65*	
		For Lightweight Aggregate, ASTM C330, Add	*72.29*	
		For Up To 20, Add	*37.02*	
		For >20 To 50, Add	*13.88*	
		For >100 To 200, Deduct	*-5.98*	
		For >200 To 400, Deduct	*-11.96*	
		For >400, Deduct	*-17.94*	
03 31 13 00-0059	CY	24" Square Or Round, By Concrete Pump, Place 3,000 PSI Concrete Columns Note: Excludes pumping equipment.	274.20	
		For 2,000 PSI Concrete, Deduct	*-11.15*	
		For 2,500 PSI Concrete, Deduct	*-5.58*	
		For 3,500 PSI Concrete, Add	*10.33*	
		For 3,750 PSI Concrete, Add	*14.04*	
		For 4000 PSI, Add	*17.76*	
		For 4500 PSI, Add	*20.65*	
		For 5000 PSI, Add	*23.54*	
		For 6000 PSI, Add	*55.76*	
		For 7,500 PSI Concrete, Add	*138.48*	
		For White Cement Concrete, Add	*24.78*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*26.85*	
		For High Early Strength, Type 3 ASTM C150, Add	*20.65*	
		For Lightweight Aggregate, ASTM C330, Add	*72.29*	
		For Up To 20, Add	*27.07*	
		For >20 To 50, Add	*10.15*	
		For >100 To 200, Deduct	*-5.48*	
		For >200 To 400, Deduct	*-10.97*	
		For >400, Deduct	*-16.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0060	CY	36" Square Or Round, By Concrete Pump, Place 3,000 PSI Concrete Columns Note: Excludes pumping equipment.	263.12	
		For 2,000 PSI Concrete, Deduct	*-11.15*	
		For 2,500 PSI Concrete, Deduct	*-5.58*	
		For 3,500 PSI Concrete, Add	*10.33*	
		For 3,750 PSI Concrete, Add	*14.04*	
		For 4000 PSI, Add	*17.76*	
		For 4500 PSI, Add	*20.65*	
		For 5000 PSI, Add	*23.54*	
		For 6000 PSI, Add	*55.76*	
		For 7,500 PSI Concrete, Add	*138.48*	
		For White Cement Concrete, Add	*24.78*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*26.85*	
		For High Early Strength, Type 3 ASTM C150, Add	*20.65*	
		For Lightweight Aggregate, ASTM C330, Add	*72.29*	
		For Up To 20, Add	*22.64*	
		For >20 To 50, Add	*8.49*	
		For >100 To 200, Deduct	*-5.26*	
		For >200 To 400, Deduct	*-10.52*	
		For >400, Deduct	*-15.79*	

03 31 13 00-0061 Place Concrete Walls *(03 31 13 00-0043)*

03 31 13 00-0062	CY	Up To 8" Thick, By Crane And Bucket, Place 3,000 PSI Concrete Walls	455.10	
		For 2,000 PSI Concrete, Deduct	*-10.30*	
		For 2,500 PSI Concrete, Deduct	*-5.15*	
		For 3,500 PSI Concrete, Add	*9.53*	
		For 3,750 PSI Concrete, Add	*12.96*	
		For 4000 PSI, Add	*16.40*	
		For 4500 PSI, Add	*19.07*	
		For 5000 PSI, Add	*21.73*	
		For 6000 PSI, Add	*51.48*	
		For 7,500 PSI Concrete, Add	*127.83*	
		For White Cement Concrete, Add	*22.88*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*24.78*	
		For High Early Strength, Type 3 ASTM C150, Add	*19.07*	
		For Lightweight Aggregate, ASTM C330, Add	*66.73*	
		For Up To 20, Add	*105.78*	
		For >20 To 50, Add	*39.67*	
		For >100 To 200, Deduct	*-9.10*	
		For >200 To 400, Deduct	*-18.20*	
		For >400, Deduct	*-27.31*	
03 31 13 00-0063	CY	12" Thick, By Crane And Bucket, Place 3,000 PSI Concrete Walls	433.16	
		For 2,000 PSI Concrete, Deduct	*-10.30*	
		For 2,500 PSI Concrete, Deduct	*-5.15*	
		For 3,500 PSI Concrete, Add	*9.53*	
		For 3,750 PSI Concrete, Add	*12.96*	
		For 4000 PSI, Add	*16.40*	
		For 4500 PSI, Add	*19.07*	
		For 5000 PSI, Add	*21.73*	
		For 6000 PSI, Add	*51.48*	
		For 7,500 PSI Concrete, Add	*127.83*	
		For White Cement Concrete, Add	*22.88*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*24.78*	
		For High Early Strength, Type 3 ASTM C150, Add	*19.07*	
		For Lightweight Aggregate, ASTM C330, Add	*66.73*	
		For Up To 20, Add	*97.00*	
		For >20 To 50, Add	*36.38*	
		For >100 To 200, Deduct	*-8.66*	
		For >200 To 400, Deduct	*-17.33*	
		For >400, Deduct	*-25.99*	
03 31 13 00-0064	CY	15" Thick, By Crane And Bucket, Place 3,000 PSI Concrete Walls	375.76	
		For 2,000 PSI Concrete, Deduct	*-10.30*	
		For 2,500 PSI Concrete, Deduct	*-5.15*	
		For 3,500 PSI Concrete, Add	*9.53*	
		For 3,750 PSI Concrete, Add	*12.96*	
		For 4000 PSI, Add	*16.40*	
		For 4500 PSI, Add	*19.07*	
		For 5000 PSI, Add	*21.73*	
		For 6000 PSI, Add	*51.48*	
		For 7,500 PSI Concrete, Add	*127.83*	
		For White Cement Concrete, Add	*22.88*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*24.78*	
		For High Early Strength, Type 3 ASTM C150, Add	*19.07*	
		For Lightweight Aggregate, ASTM C330, Add	*66.73*	
		For Up To 20, Add	*74.04*	
		For >20 To 50, Add	*27.77*	
		For >100 To 200, Deduct	*-7.52*	
		For >200 To 400, Deduct	*-15.03*	
		For >400, Deduct	*-22.55*	

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MINOR CSI UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0065	CY Up To 8" Thick, By Direct Chute, Place 3,000 PSI Concrete Walls	315.99	
	For 2,000 PSI Concrete, Deduct	*-10.30*	
	For 2,500 PSI Concrete, Deduct	*-5.15*	
	For 3,500 PSI Concrete, Add	*9.53*	
	For 3,750 PSI Concrete, Add	*12.96*	
	For 4000 PSI, Add	*16.40*	
	For 4500 PSI, Add	*19.07*	
	For 5000 PSI, Add	*21.73*	
	For 6000 PSI, Add	*51.48*	
	For 7,500 PSI Concrete, Add	*127.83*	
	For White Cement Concrete, Add	*22.88*	
	For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*24.78*	
	For High Early Strength, Type 3 ASTM C150, Add	*19.07*	
	For Lightweight Aggregate, ASTM C330, Add	*66.73*	
	For Up To 20, Add	*50.14*	
	For >20 To 50, Add	*18.80*	
	For >100 To 200, Deduct	*-6.32*	
	For >200 To 400, Deduct	*-12.64*	
	For >400, Deduct	*-18.96*	
03 31 13 00-0066	CY 12" Thick, By Direct Chute, Place 3,000 PSI Concrete Walls	290.92	
	For 2,000 PSI Concrete, Deduct	*-10.30*	
	For 2,500 PSI Concrete, Deduct	*-5.15*	
	For 3,500 PSI Concrete, Add	*9.53*	
	For 3,750 PSI Concrete, Add	*12.96*	
	For 4000 PSI, Add	*16.40*	
	For 4500 PSI, Add	*19.07*	
	For 5000 PSI, Add	*21.73*	
	For 6000 PSI, Add	*51.48*	
	For 7,500 PSI Concrete, Add	*127.83*	
	For White Cement Concrete, Add	*22.88*	
	For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*24.78*	
	For High Early Strength, Type 3 ASTM C150, Add	*19.07*	
	For Lightweight Aggregate, ASTM C330, Add	*66.73*	
	For Up To 20, Add	*40.11*	
	For >20 To 50, Add	*15.04*	
	For >100 To 200, Deduct	*-5.82*	
	For >200 To 400, Deduct	*-11.64*	
	For >400, Deduct	*-17.46*	
03 31 13 00-0067	CY 15" Thick, By Direct Chute, Place 3,000 PSI Concrete Walls	278.39	
	For 2,000 PSI Concrete, Deduct	*-10.30*	
	For 2,500 PSI Concrete, Deduct	*-5.15*	
	For 3,500 PSI Concrete, Add	*9.53*	
	For 3,750 PSI Concrete, Add	*12.96*	
	For 4000 PSI, Add	*16.40*	
	For 4500 PSI, Add	*19.07*	
	For 5000 PSI, Add	*21.73*	
	For 6000 PSI, Add	*51.48*	
	For 7,500 PSI Concrete, Add	*127.83*	
	For White Cement Concrete, Add	*22.88*	
	For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*24.78*	
	For High Early Strength, Type 3 ASTM C150, Add	*19.07*	
	For Lightweight Aggregate, ASTM C330, Add	*66.73*	
	For Up To 20, Add	*35.10*	
	For >20 To 50, Add	*13.16*	
	For >100 To 200, Deduct	*-5.57*	
	For >200 To 400, Deduct	*-11.14*	
	For >400, Deduct	*-16.70*	
03 31 13 00-0068	CY Up To 8" Thick, By Concrete Pump, Place 3,000 PSI Concrete Walls Note: Excludes pumping equipment.	325.89	
	For 2,000 PSI Concrete, Deduct	*-11.15*	
	For 2,500 PSI Concrete, Deduct	*-5.58*	
	For 3,500 PSI Concrete, Add	*10.33*	
	For 3,750 PSI Concrete, Add	*14.04*	
	For 4000 PSI, Add	*17.76*	
	For 4500 PSI, Add	*20.65*	
	For 5000 PSI, Add	*23.54*	
	For 6000 PSI, Add	*55.76*	
	For 7,500 PSI Concrete, Add	*138.48*	
	For White Cement Concrete, Add	*24.78*	
	For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*26.85*	
	For High Early Strength, Type 3 ASTM C150, Add	*20.65*	
	For Lightweight Aggregate, ASTM C330, Add	*72.29*	
	For Up To 20, Add	*47.74*	
	For >20 To 50, Add	*17.90*	
	For >100 To 200, Deduct	*-6.52*	
	For >200 To 400, Deduct	*-13.04*	
	For >400, Deduct	*-19.55*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0069	CY	12" Thick, By Concrete Pump, Place 3,000 PSI Concrete Walls	302.02	
		Note: Excludes pumping equipment.		
		For 2,000 PSI Concrete, Deduct	*-11.15*	
		For 2,500 PSI Concrete, Deduct	*-5.58*	
		For 3,500 PSI Concrete, Add	*10.33*	
		For 3,750 PSI Concrete, Add	*14.04*	
		For 4000 PSI, Add	*17.76*	
		For 4500 PSI, Add	*20.65*	
		For 5000 PSI, Add	*23.54*	
		For 6000 PSI, Add	*55.76*	
		For 7,500 PSI Concrete, Add	*138.48*	
		For White Cement Concrete, Add	*24.78*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*26.85*	
		For High Early Strength, Type 3 ASTM C150, Add	*20.65*	
		For Lightweight Aggregate, ASTM C330, Add	*72.29*	
		For Up To 20, Add	*38.20*	
		For >20 To 50, Add	*14.32*	
		For >100 To 200, Deduct	*-6.04*	
		For >200 To 400, Deduct	*-12.08*	
		For >400, Deduct	*-18.12*	
03 31 13 00-0070	CY	15" Thick, By Concrete Pump, Place 3,000 PSI Concrete Walls	290.09	
		Note: Excludes pumping equipment.		
		For 2,000 PSI Concrete, Deduct	*-11.15*	
		For 2,500 PSI Concrete, Deduct	*-5.58*	
		For 3,500 PSI Concrete, Add	*10.33*	
		For 3,750 PSI Concrete, Add	*14.04*	
		For 4000 PSI, Add	*17.76*	
		For 4500 PSI, Add	*20.65*	
		For 5000 PSI, Add	*23.54*	
		For 6000 PSI, Add	*55.76*	
		For 7,500 PSI Concrete, Add	*138.48*	
		For White Cement Concrete, Add	*24.78*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*26.85*	
		For High Early Strength, Type 3 ASTM C150, Add	*20.65*	
		For Lightweight Aggregate, ASTM C330, Add	*72.29*	
		For Up To 20, Add	*33.42*	
		For >20 To 50, Add	*12.53*	
		For >100 To 200, Deduct	*-5.80*	
		For >200 To 400, Deduct	*-11.60*	
		For >400, Deduct	*-17.41*	

03 31 13 00-0071 Place Elevated Concrete Stairs *(03 31 13 00-0043)*

03 31 13 00-0072	CY	Crane And Bucket, Place 3,000 PSI Elevated Concrete Stairs	725.25	
		For 2,000 PSI Concrete, Deduct	*-10.30*	
		For 2,500 PSI Concrete, Deduct	*-5.15*	
		For 3,500 PSI Concrete, Add	*9.53*	
		For 3,750 PSI Concrete, Add	*12.96*	
		For 4000 PSI, Add	*16.40*	
		For 4500 PSI, Add	*19.07*	
		For 5000 PSI, Add	*21.73*	
		For 6000 PSI, Add	*51.48*	
		For 7,500 PSI Concrete, Add	*127.83*	
		For White Cement Concrete, Add	*22.88*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*24.78*	
		For High Early Strength, Type 3 ASTM C150, Add	*19.07*	
		For Lightweight Aggregate, ASTM C330, Add	*66.73*	
		For Up To 20, Add	*213.84*	
		For >20 To 50, Add	*80.19*	
		For >100 To 200, Deduct	*-14.51*	
		For >200 To 400, Deduct	*-29.01*	
		For >400, Deduct	*-43.52*	
03 31 13 00-0073	CY	Direct Chute, Place 3,000 PSI Elevated Concrete Stairs	444.03	
		For 2,000 PSI Concrete, Deduct	*-10.30*	
		For 2,500 PSI Concrete, Deduct	*-5.15*	
		For 3,500 PSI Concrete, Add	*9.53*	
		For 3,750 PSI Concrete, Add	*12.96*	
		For 4000 PSI, Add	*16.40*	
		For 4500 PSI, Add	*19.07*	
		For 5000 PSI, Add	*21.73*	
		For 6000 PSI, Add	*51.48*	
		For 7,500 PSI Concrete, Add	*127.83*	
		For White Cement Concrete, Add	*22.88*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*24.78*	
		For High Early Strength, Type 3 ASTM C150, Add	*19.07*	
		For Lightweight Aggregate, ASTM C330, Add	*66.73*	
		For Up To 20, Add	*101.35*	
		For >20 To 50, Add	*38.01*	
		For >100 To 200, Deduct	*-8.88*	
		For >200 To 400, Deduct	*-17.76*	
		For >400, Deduct	*-26.64*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0074	CY	Concrete Pump, Place 3,000 PSI Elevated Concrete Stairs Note: Excludes pumping equipment.	417.69	
		For 2,000 PSI Concrete, Deduct	*-11.15*	
		For 2,500 PSI Concrete, Deduct	*-5.58*	
		For 3,500 PSI Concrete, Add	*10.33*	
		For 3,750 PSI Concrete, Add	*14.04*	
		For 4000 PSI, Add	*17.76*	
		For 4500 PSI, Add	*20.65*	
		For 5000 PSI, Add	*23.54*	
		For 6000 PSI, Add	*55.76*	
		For 7,500 PSI Concrete, Add	*138.48*	
		For White Cement Concrete, Add	*24.78*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*26.85*	
		For High Early Strength, Type 3 ASTM C150, Add	*20.65*	
		For Lightweight Aggregate, ASTM C330, Add	*72.29*	
		For Up To 20, Add	*84.46*	
		For >20 To 50, Add	*31.67*	
		For >100 To 200, Deduct	*-8.35*	
		For >200 To 400, Deduct	*-16.71*	
		For >400, Deduct	*-25.06*	
03 31 13 00-0075		**Place Concrete Coping** *(03 31 13 00-0043)*		
03 31 13 00-0076	CY	Crane And Bucket, Place 3,000 PSI Concrete Coping	743.73	
		For 2,000 PSI Concrete, Deduct	*-10.30*	
		For 2,500 PSI Concrete, Deduct	*-5.15*	
		For 3,500 PSI Concrete, Add	*9.53*	
		For 3,750 PSI Concrete, Add	*12.96*	
		For 4000 PSI, Add	*16.40*	
		For 4500 PSI, Add	*19.07*	
		For 5000 PSI, Add	*21.73*	
		For 6000 PSI, Add	*51.48*	
		For 7,500 PSI Concrete, Add	*127.83*	
		For White Cement Concrete, Add	*22.88*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*24.78*	
		For High Early Strength, Type 3 ASTM C150, Add	*19.07*	
		For Lightweight Aggregate, ASTM C330, Add	*66.73*	
		For Up To 20, Add	*221.23*	
		For >20 To 50, Add	*82.96*	
		For >100 To 200, Deduct	*-14.87*	
		For >200 To 400, Deduct	*-29.75*	
		For >400, Deduct	*-44.62*	
03 31 13 00-0077	CY	Direct Chute, Place 3,000 PSI Concrete Coping	442.32	
		For 2,000 PSI Concrete, Deduct	*-10.30*	
		For 2,500 PSI Concrete, Deduct	*-5.15*	
		For 3,500 PSI Concrete, Add	*9.53*	
		For 3,750 PSI Concrete, Add	*12.96*	
		For 4000 PSI, Add	*16.40*	
		For 4500 PSI, Add	*19.07*	
		For 5000 PSI, Add	*21.73*	
		For 6000 PSI, Add	*51.48*	
		For 7,500 PSI Concrete, Add	*127.83*	
		For White Cement Concrete, Add	*22.88*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*24.78*	
		For High Early Strength, Type 3 ASTM C150, Add	*19.07*	
		For Lightweight Aggregate, ASTM C330, Add	*66.73*	
		For Up To 20, Add	*100.67*	
		For >20 To 50, Add	*37.75*	
		For >100 To 200, Deduct	*-8.85*	
		For >200 To 400, Deduct	*-17.69*	
		For >400, Deduct	*-26.54*	
03 31 13 00-0078	CY	Concrete Pump, Place 3,000 PSI Concrete Coping Note: Excludes pumping equipment.	587.74	
		For 2,000 PSI Concrete, Deduct	*-11.15*	
		For 2,500 PSI Concrete, Deduct	*-5.58*	
		For 3,500 PSI Concrete, Add	*10.33*	
		For 3,750 PSI Concrete, Add	*14.04*	
		For 4000 PSI, Add	*17.76*	
		For 4500 PSI, Add	*20.65*	
		For 5000 PSI, Add	*23.54*	
		For 6000 PSI, Add	*55.76*	
		For 7,500 PSI Concrete, Add	*138.48*	
		For White Cement Concrete, Add	*24.78*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*26.85*	
		For High Early Strength, Type 3 ASTM C150, Add	*20.65*	
		For Lightweight Aggregate, ASTM C330, Add	*72.29*	
		For Up To 20, Add	*152.48*	
		For >20 To 50, Add	*57.18*	
		For >100 To 200, Deduct	*-11.75*	
		For >200 To 400, Deduct	*-23.51*	
		For >400, Deduct	*-35.26*	
03 31 13 00-0079		**Concrete Carts** *(03 31 13 00-0010)* Note: Used to place concrete were necessary.		
03 31 13 00-0080	CY	50' Haul, Non-Motorized, Concrete Buggy	29.62	
03 31 13 00-0081	CY	150' Haul, Non-Motorized, Concrete Buggy	39.65	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0082	CY	250' Haul, Non-Motorized, Concrete Buggy	52.88	
03 31 13 00-0083	CY	50' Haul, Motorized, Concrete Buggy	13.16	
03 31 13 00-0084	CY	150' Haul, Motorized, Concrete Buggy	17.64	
03 31 13 00-0085	CY	250' Haul, Motorized, Concrete Buggy	23.52	

03 31 13 00-0086 Delivery Fee For Small Concrete Purchases (Short Load) *(03 31 13)*

03 31 13 00-0087	CY	Delivery Fee For Small Concrete Purchases (Short Load) Per CY For Each CY Less Than 9 CY Note: The task quantity is 9 minus the number of CY's delivered. For example, the delivery fee for 2CY's is: (9-2) = 7.	26.22	

03 31 13 00-0088 Equipment Pads *(03 31 13)*

03 31 13 00-0089 Small Concrete Equipment Housekeeping Pad Assemblies *(03 31 13 00-0088)*

Note: Includes forms, hand mix concrete, finish, curing and reinforcing. For up to 50 SF per pad. See CSI section 03 31 13 00-0002 for >50 SF concrete pads.

03 31 13 00-0090	SF	4" Equipment Pad With Welded Wire Reinforcement Assembly	23.42	
03 31 13 00-0091	SF	4" Equipment Pad With Rebar Assembly	28.81	
03 31 13 00-0092	SF	6" Equipment Pad With Rebar Assembly	36.26	
03 31 13 00-0093	SF	7" Equipment Pad With Rebar	37.90	
03 31 13 00-0094	SF	8" Equipment Pad With Rebar Assembly	45.62	

03 31 16 Lightweight Structural Concrete *(03 31)*

03 31 16 00-0001 Low Density Cellular / Foam Concrete Fill *(03 31 16)*

03 31 16 00-0002	CY	Lightweight Low Density Pervious Cellular/Foam Concrete, 100 To 120 PCF Density Range	327.03	

03 35 Concrete Finishing *(03 30)*

03 35 13 High-Tolerance Concrete Floor Finishing *(03 35)*

03 35 13 00-0001 Floor Finishes *(03 35 13)*

Note: Task is for final finish type and includes all required prior finishes.

03 35 13 00-0002	SF	Screed, Concrete Floor Finish	1.30	
		For Up To 100, Add	*2.60*	
		For >100 To 250, Add	*0.65*	
		For >250 To 500, Add	*0.33*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000, Deduct	*-0.13*	
03 35 13 00-0003	SF	Darby, Concrete Floor Finish	1.56	
		For Up To 100, Add	*3.12*	
		For >100 To 250, Add	*0.78*	
		For >250 To 500, Add	*0.39*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000, Deduct	*-0.16*	
03 35 13 00-0004	SF	Broom, Concrete Floor Finish	1.72	
		For Up To 100, Add	*3.44*	
		For >100 To 250, Add	*0.86*	
		For >250 To 500, Add	*0.43*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000, Deduct	*-0.17*	
03 35 13 00-0005	SF	Final Float, Concrete Floor Finish	1.99	
		For Up To 100, Add	*3.98*	
		For >100 To 250, Add	*1.00*	
		For >250 To 500, Add	*0.50*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000, Deduct	*-0.20*	
03 35 13 00-0006	SF	Steel Trowel, Concrete Floor Finish	2.24	
		For Up To 100, Add	*4.48*	
		For >100 To 250, Add	*1.12*	
		For >250 To 500, Add	*0.56*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000, Deduct	*-0.22*	

03 35 16 Heavy-Duty Concrete Floor Finishing *(03 35)*

03 35 16 00-0001 Shake On Floor Hardeners *(03 35 16)*

03 35 16 00-0002	SF	0.3 LB/SF, Metallic, Shake On Floor Hardener	1.56	
03 35 16 00-0003	SF	0.65 LB/SF, Metallic, Shake On Floor Hardener	2.35	
03 35 16 00-0004	SF	0.3 LB/SF, Non-Metallic, Shake On Floor Hardener	1.49	
03 35 16 00-0005	SF	0.65 LB/SF, Non-Metallic, Shake On Floor Hardener	1.76	

03 35 19 Colored Concrete Finishing *(03 35)*

03 35 19 00-0001 Concrete Surface Treatments *(03 35 19)*

03 35 19 00-0002	SF	Acrylic Latex Bonding Agent	0.63	
03 35 19 00-0003	SF	Epoxy Resin Bonding Agent	3.53	
03 35 19 00-0004	SF	Clear Acrylic Sealer, Hardener And Dustproofer	0.42	
03 35 19 00-0005	SF	Colored Acrylic Sealer, Hardener And Dustproofer	0.44	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 35 23		**Exposed Aggregate Concrete Finishing** *(03 35)*		
03 35 23 00-0001		Exposed Aggregate, Concrete Finish *(03 35 23)*		
03 35 23 00-0002	SF	Exposed Aggregate, Concrete Floor Finish	4.73	
03 35 26		**Grooved Concrete Surface Finishing** *(03 35)*		
03 35 26 00-0001		Ramp, Grooved Concrete Surface Finishing *(03 35 26)*		
03 35 26 00-0002	SF	Ramp, Grooved Concrete Surface Finishing	4.65	
03 35 29		**Tooled Concrete Finishing** *(03 35)*		
03 35 29 00-0001		Marblecrete Finishes *(03 35 29)*		
03 35 29 00-0002	SF	2" Thick Marblecrete And Finish	46.78	
03 35 29 00-0003	SF	4" Thick Marblecrete And Finish	62.76	
03 35 33		**Stamped Concrete Finishing** *(03 35)*		
03 35 33 00-0001		Stamped Concrete Finishes *(03 35 33)*		
03 35 33 00-0002	SF	Up To 2,500 SF Stamped Concrete Finish	5.15	
03 35 33 00-0003	SF	>2,500 To 10,000 SF Stamped Concrete Finish	4.66	
03 35 33 00-0004	SF	>10,000 SF Stamped Concrete Finish	4.46	
03 35 43		**Polished Concrete Finishing** *(03 35)*		
03 35 43 00-0001		Concrete Floor Polishing System *(03 35 43)*		
		Note: The floor polishing system below may consist of one or multiple applications of each task/step below depending on existing conditions and desired results.		
03 35 43 00-0002	SF	Mechanically Grind Concrete Floor With 40 Grit Metal Bonded Diamond Wheels	2.42	
		For Up To 500, Add	*4.62*	
		For >500 To 1,000, Add	*4.28*	
		For >1,000 To 2,500, Add	*2.83*	
		For >2,500 To 4,000, Add	*1.48*	
		For >8,000 To 15,000, Deduct	*-0.57*	
		For >15,000 To 25,000, Deduct	*-0.73*	
		For >25,000, Deduct	*-1.02*	
03 35 43 00-0003	SF	Mechanically Grind Concrete Floor With 80 Grit Metal Bonded Diamond Wheels	1.95	
		For Up To 500, Add	*3.71*	
		For >500 To 1,000, Add	*3.44*	
		For >1,000 To 2,500, Add	*2.27*	
		For >2,500 To 4,000, Add	*1.18*	
		For >8,000 To 15,000, Deduct	*-0.46*	
		For >15,000 To 25,000, Deduct	*-0.58*	
		For >25,000, Deduct	*-0.82*	
03 35 43 00-0004	SF	Mechanically Grind Concrete Floor With 100 Grit Resin Bonded Diamond Wheels	1.62	
		For Up To 500, Add	*3.07*	
		For >500 To 1,000, Add	*2.84*	
		For >1,000 To 2,500, Add	*1.88*	
		For >2,500 To 4,000, Add	*0.98*	
		For >8,000 To 15,000, Deduct	*-0.38*	
		For >15,000 To 25,000, Deduct	*-0.48*	
		For >25,000, Deduct	*-0.68*	
03 35 43 00-0005	SF	Mechanically Grind Concrete Floor With 150 Grit Metal Bonded Diamond Wheels	1.52	
		For Up To 500, Add	*2.87*	
		For >500 To 1,000, Add	*2.66*	
		For >1,000 To 2,500, Add	*1.76*	
		For >2,500 To 4,000, Add	*0.92*	
		For >8,000 To 15,000, Deduct	*-0.36*	
		For >15,000 To 25,000, Deduct	*-0.45*	
		For >25,000, Deduct	*-0.64*	
03 35 43 00-0006	SF	Mechanically Grind Concrete Floor With 200 Grit Resin Bonded Diamond Wheels	1.40	
		For Up To 500, Add	*2.64*	
		For >500 To 1,000, Add	*2.45*	
		For >1,000 To 2,500, Add	*1.62*	
		For >2,500 To 4,000, Add	*0.84*	
		For >8,000 To 15,000, Deduct	*-0.33*	
		For >15,000 To 25,000, Deduct	*-0.41*	
		For >25,000, Deduct	*-0.58*	
03 35 43 00-0007	SF	Mechanically Grind Concrete Floor With 400 Grit Resin Bonded Diamond Wheels	1.40	
		For Up To 500, Add	*2.64*	
		For >500 To 1,000, Add	*2.45*	
		For >1,000 To 2,500, Add	*1.62*	
		For >2,500 To 4,000, Add	*0.84*	
		For >8,000 To 15,000, Deduct	*-0.33*	
		For >15,000 To 25,000, Deduct	*-0.41*	
		For >25,000, Deduct	*-0.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 35 43 00-0008	SF	Mechanically Grind Concrete Floor With 800 Grit Resin Bonded Diamond Wheels	1.40	
		For Up To 500, Add	*2.64*	
		For >500 To 1,000, Add	*2.45*	
		For >1,000 To 2,500, Add	*1.62*	
		For >2,500 To 4,000, Add	*0.84*	
		For >8,000 To 15,000, Deduct	*-0.33*	
		For >15,000 To 25,000, Deduct	*-0.41*	
		For >25,000, Deduct	*-0.58*	
03 35 43 00-0009	SF	Mechanically Grind Concrete Floor With 1,500 Grit Resin Bonded Diamond Wheels	1.40	
		For Up To 500, Add	*2.64*	
		For >500 To 1,000, Add	*2.45*	
		For >1,000 To 2,500, Add	*1.62*	
		For >2,500 To 4,000, Add	*0.84*	
		For >8,000 To 15,000, Deduct	*-0.33*	
		For >15,000 To 25,000, Deduct	*-0.41*	
		For >25,000, Deduct	*-0.58*	
03 35 43 00-0010	SF	High Speed Burnish Concrete Floor With Diamond Pads	0.34	
		For Up To 500, Add	*0.58*	
		For >500 To 1,000, Add	*0.54*	
		For >1,000 To 2,500, Add	*0.36*	
		For >2,500 To 4,000, Add	*0.19*	
		For >8,000 To 15,000, Deduct	*-0.07*	
		For >15,000 To 25,000, Deduct	*-0.09*	
		For >25,000, Deduct	*-0.13*	
03 35 43 00-0011	SF	Apply 1 Coat Of Concrete Densifier For Concrete Floor Polishing	0.66	
		For Up To 500, Add	*0.72*	
		For >500 To 1,000, Add	*0.67*	
		For >1,000 To 2,500, Add	*0.44*	
		For >2,500 To 4,000, Add	*0.23*	
		For >8,000 To 15,000, Deduct	*-0.09*	
		For >15,000 To 25,000, Deduct	*-0.11*	
		For >25,000, Deduct	*-0.16*	
03 35 43 00-0012	SF	Apply 2 Coats Of Concrete Densifier With Stain Protector For Concrete Floor Polishing	1.13	
		For Up To 500, Add	*1.05*	
		For >500 To 1,000, Add	*0.97*	
		For >1,000 To 2,500, Add	*0.64*	
		For >2,500 To 4,000, Add	*0.33*	
		For >8,000 To 15,000, Deduct	*-0.13*	
		For >15,000 To 25,000, Deduct	*-0.16*	
		For >25,000, Deduct	*-0.23*	
03 35 43 00-0013	SF	Concrete Floor Polishing Final Clean Up	0.19	
		For Up To 500, Add	*0.37*	
		For >500 To 1,000, Add	*0.34*	
		For >1,000 To 2,500, Add	*0.23*	
		For >2,500 To 4,000, Add	*0.12*	
		For >8,000 To 15,000, Deduct	*-0.05*	
		For >15,000 To 25,000, Deduct	*-0.06*	
		For >25,000, Deduct	*-0.08*	

03 35 63 Slip-Resistant Floor Finishing *(03 35)*

03 35 63 00-0001 Slip-Resistant Floor Finishing *(03 35 63)*

03 35 63 00-0002	SF	Aluminum Oxide Abrasive Floor Finish, 0.25 LB/SF	1.91	
		For Up To 100, Add	*2.48*	
		For >100 To 250, Add	*0.62*	
		For >250 To 500, Add	*0.31*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000, Deduct	*-0.12*	
03 35 63 00-0003	SF	Silicone Carbide Abrasive Floor Finish 0.25 LB/SF	1.59	
		For Up To 100, Add	*2.48*	
		For >100 To 250, Add	*0.62*	
		For >250 To 500, Add	*0.31*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000, Deduct	*-0.12*	
03 35 63 00-0004	SF	Non-Slip Protection, Aluminum Oxide At 1-1/4 LB/SF, Emery - Corundum	2.84	
		For Up To 100, Add	*2.48*	
		For >100 To 250, Add	*0.62*	
		For >250 To 500, Add	*0.31*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000, Deduct	*-0.12*	

03 35 66 Acid Etch Floor Finishing *(03 35)*

03 35 66 00-0001 Acid Etch Floor *(03 35 66)*

03 35 66 00-0002	SF	Concrete Floor Finishes, Etch With Acid And Rinse	1.21	
		For Up To 100, Add	*1.20*	
		For >100 To 250, Add	*0.30*	
		For >250 To 500, Add	*0.15*	
		For >5,000 To 10,000, Deduct	*-0.03*	
		For >10,000, Deduct	*-0.06*	

03 35 83 Concrete Wall Finishing *(03 35)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 35 83 00-0001		Wall Finishes *(03 35 83)*		
03 35 83 00-0002	SF	Burlap Rub With Grout, New Concrete Wall Finishes	2.28	
		For Up To 100, Add	*4.34*	
		For >100 To 250, Add	*1.09*	
		For >250 To 500, Add	*0.54*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000, Deduct	*-0.22*	
03 35 83 00-0003	SF	1/16" Float Finish, New Concrete Wall Finishes	3.42	
		For Up To 100, Add	*6.52*	
		For >100 To 250, Add	*1.63*	
		For >250 To 500, Add	*0.82*	
		For >5,000 To 10,000, Deduct	*-0.16*	
		For >10,000, Deduct	*-0.33*	
03 35 83 00-0004	SF	Etch With Acid And Rinse, New Concrete Wall Finishes	1.33	
		For Up To 100, Add	*1.44*	
		For >100 To 250, Add	*0.36*	
		For >250 To 500, Add	*0.18*	
		For >5,000 To 10,000, Deduct	*-0.04*	
		For >10,000, Deduct	*-0.07*	
03 35 83 00-0005	SF	Bush Hammer Green Concrete, New Concrete Wall Finishes	6.96	
		For Up To 100, Add	*13.80*	
		For >100 To 250, Add	*3.45*	
		For >250 To 500, Add	*1.73*	
		For >5,000 To 10,000, Deduct	*-0.35*	
		For >10,000, Deduct	*-0.69*	
03 35 83 00-0006	SF	Bush Hammer Cured Concrete, New Concrete Wall Finishes	10.77	
		For Up To 100, Add	*21.32*	
		For >100 To 250, Add	*5.33*	
		For >250 To 500, Add	*2.67*	
		For >5,000 To 10,000, Deduct	*-0.53*	
		For >10,000, Deduct	*-1.07*	
03 35 83 00-0007	SF	Break Ties And Patch, New Concrete Wall Finishes	1.31	
		For Up To 100, Add	*2.34*	
		For >100 To 250, Add	*0.59*	
		For >250 To 500, Add	*0.29*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000, Deduct	*-0.12*	
03 35 83 00-0008	SF	Carborundum Dry Rub, New Concrete Wall Finishes	4.48	
		For Up To 100, Add	*8.68*	
		For >100 To 250, Add	*2.17*	
		For >250 To 500, Add	*1.09*	
		For >5,000 To 10,000, Deduct	*-0.22*	
		For >10,000, Deduct	*-0.43*	
03 35 83 00-0009	SF	Carborundum Wet Rub, New Concrete Wall Finishes	6.84	
		For Up To 100, Add	*13.40*	
		For >100 To 250, Add	*3.35*	
		For >250 To 500, Add	*1.68*	
		For >5,000 To 10,000, Deduct	*-0.34*	
		For >10,000, Deduct	*-0.67*	
03 35 83 00-0010	SF	Up To 1/4" Penetration Abrasive Media Blasting, New Concrete Wall Finishes Note: 4.5 Lbs of sand or abrasive media material per SF	6.32	
		For Up To 100, Add	*10.32*	
		For >100 To 250, Add	*2.58*	
		For >250 To 500, Add	*1.29*	
		For >5,000 To 10,000, Deduct	*-0.26*	
		For >10,000, Deduct	*-0.52*	
03 35 83 00-0011	SF	>1/4" To 1/2" Penetration Abrasive Media Blasting, New Concrete Wall Finishes Note: 9 Lbs of sand abrasive media material per SF	12.65	
		For Up To 100, Add	*20.66*	
		For >100 To 250, Add	*5.17*	
		For >250 To 500, Add	*2.58*	
		For >5,000 To 10,000, Deduct	*-0.52*	
		For >10,000, Deduct	*-1.03*	

03 37 Specialty Placed Concrete *(03 30)*

Note: Includes gun finish. Not to be used for pumping concrete tasks. See CSI section 03 35 00 00-0000 for finishing.

03 37 13 Shotcrete *(03 37)*

03 37 13 00-0001		Shotcrete, Fiber Reinforced, Structural Repair *(03 37 13)*		
03 37 13 00-0002	SF	1" Thick Shotcrete, Fiber Reinforced	3.88	
		For Up To 25, Add	*0.75*	
		For >25 To 50, Add	*0.43*	
		For >50 To 150, Add	*0.18*	
03 37 13 00-0003	SF	2" Thick Shotcrete, Fiber Reinforced	7.28	
		For Up To 25, Add	*1.37*	
		For >25 To 50, Add	*0.79*	
		For >50 To 150, Add	*0.32*	
03 37 13 00-0004	SF	3" Thick Shotcrete, Fiber Reinforced	10.28	
		For Up To 25, Add	*1.90*	
		For >25 To 50, Add	*1.09*	
		For >50 To 150, Add	*0.43*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 37 13 00-0005	SF	4" Thick Shotcrete, Fiber Reinforced	12.93	
		For Up To 25, Add	*2.33*	
		For >25 To 50, Add	*1.34*	
		For >50 To 150, Add	*0.52*	
03 37 13 00-0006	SF	6" Thick Shotcrete, Fiber Reinforced	17.42	
		For Up To 25, Add	*3.01*	
		For >25 To 50, Add	*1.72*	
		For >50 To 150, Add	*0.63*	

03 37 13 00-0007 Gunite (Dry Mix Shotcrete), Sprayed *(03 37 13)*

See CSI section 03 22 11 00-0001 for wire mesh reinforcing.

03 37 13 00-0008	SF	1" Thick Gunite (Dry Mix Shotcrete), Sprayed	4.31	
		For Radius Or Irregular Surface, Add	*1.32*	
		For Up To 25, Add	*0.92*	
		For >25 To 50, Add	*0.54*	
		For >50 To 150, Add	*0.25*	
03 37 13 00-0009	SF	2" Thick Gunite (Dry Mix Shotcrete), Sprayed	7.94	
		For Radius Or Irregular Surface, Add	*2.36*	
		For Up To 25, Add	*1.68*	
		For >25 To 50, Add	*0.99*	
		For >50 To 150, Add	*0.44*	
03 37 13 00-0010	SF	3" Thick Gunite (Dry Mix Shotcrete), Sprayed	11.02	
		For Radius Or Irregular Surface, Add	*3.18*	
		For Up To 25, Add	*2.30*	
		For >25 To 50, Add	*1.35*	
		For >50 To 150, Add	*0.60*	
03 37 13 00-0011	SF	4" Thick Gunite (Dry Mix Shotcrete), Sprayed	13.64	
		For Radius Or Irregular Surface, Add	*3.82*	
		For Up To 25, Add	*2.80*	
		For >25 To 50, Add	*1.64*	
		For >50 To 150, Add	*0.72*	

03 37 16 Pumped Concrete *(03 37)*

03 37 16 00-0001 Concrete Pumping With Boom Truck *(03 37 16)*

Note: Includes truck rental, operator, and local travel delivery. For delivery/set-up of equipment add one hour, for clean-up of equipment add one hour. Use four hours as the minimum cost including set-up and clean-up. Excludes concrete, use "Concrete Pump" concrete tasks from appropriate section to place into pump hopper and place concrete. Sizes are measured at a 30 degree vertical reach. See CSI section 03 31 13 00-0010 for concrete placement.

03 37 16 00-0002	HR	55' To 60' Boom Truck For Concrete Placement (95 CY Per Hour Rating)	212.85
03 37 16 00-0003	HR	70' To 80' Boom Truck For Concrete Placement (117 CY Per Hour Rating)	227.16
03 37 16 00-0004	HR	90' To 100' Boom Truck For Concrete Placement (117 CY Per Hour Rating)	278.84
03 37 16 00-0005	HR	105' To 115' Boom Truck For Concrete Placement (117 CY Per Hour Rating)	311.01
03 37 16 00-0006	HR	120' To 130' Boom Truck For Concrete Placement (170 CY Per Hour Rating)	344.21
03 37 16 00-0007	HR	135' To 140' Boom Truck For Concrete Placement (170 CY Per Hour Rating)	414.53
03 37 16 00-0008	HR	148' To 155' Boom Truck For Concrete Placement (170 CY Per Hour Rating)	456.48
03 37 16 00-0009	HR	170' To 175' Boom Truck For Concrete Placement (182 CY Per Hour Rating)	558.09
03 37 16 00-0010	HR	35 CY/HR, 66 HP Trailer Mounted Concrete Pump Note: Includes hoses	160.65

03 39 Concrete Curing *(03 30)*

03 39 13 Water Concrete Curing *(03 39)*

03 39 13 00-0001 Water Concrete Curing *(03 39 13)*

03 39 13 00-0002	SF	Water Based Curing, Sealing, Hardening And Dustproofing Compound Note: Coverage rates: rough finish = 300 SF/GAL, broom finish = 300 to 400 SF/GAL, steel troweled = 500 to 600 SF/GAL, and vertical surface = 400 - 500 SF/GAL.	0.39

03 39 23 Membrane Concrete Curing *(03 39)*

03 39 23 23 Sheet Membrane Concrete Curing *(03 39 23)*

03 39 23 23-0001 Cold Weather Concrete Curing Blankets *(03 39 23 23)*

03 39 23 23-0002	CSF	Electric, Cold Weather Concrete Curing Blanket	311.92
03 39 23 23-0003	CSF	Non-Electric, Cold Weather Concrete Curing Blanket	41.88

03 40 Precast Concrete *(03)*

Note: Precast concrete material prices are based on a precast operation producing large quantities of precast products. Includes the concrete panel, delivery to construction site and overhead/mobilization charges for the precast plant.

03 41 Precast Structural Concrete *(03 40)*

03 41 16 Precast Concrete Slabs *(03 41)*

03 41 16 00-0001 Flat Floor Slab/Floor Plank *(03 41 16)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 41 16 00-0002		**Erection Costs For Using A 90 Ton Crawler Crane** *(03 41 16 00-0001)* Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.		
03 41 16 00-0003	EA	Erect Precast Floor Deck, 0-2 Ton/Piece 150' Maximum Radius With 90 Ton Crane	410.73	328.61
03 41 16 00-0004	EA	Erect Precast Floor Deck, 2-3 Ton/Piece 121' Maximum Radius With 90 Ton Crane	456.58	365.21
03 41 16 00-0005	EA	Erect Precast Floor Deck, 3-4 Ton/Piece 105' Maximum Radius With 90 Ton Crane	484.83	387.84
03 41 16 00-0006	EA	Erect Precast Floor Deck, 4-5 Ton/Piece 88' Maximum Radius With 90 Ton Crane	513.98	411.20
03 41 16 00-0007	EA	Erect Precast Floor Deck, 5-6 Ton/Piece 82' Maximum Radius With 90 Ton Crane	550.04	440.01
03 41 16 00-0008	EA	Erect Precast Floor Deck, 6-7 Ton/Piece 75' Maximum Radius With 90 Ton Crane	587.86	470.29
03 41 16 00-0009	EA	Erect Precast Floor Deck, 7-8 Ton/Piece 70' Maximum Radius With 90 Ton Crane	631.26	504.97
03 41 16 00-0010	EA	Erect Precast Floor Deck, 8-9 Ton/Piece 65' Maximum Radius With 90 Ton Crane	686.55	549.21
03 41 16 00-0011	EA	Erect Precast Floor Deck, 9-10 Ton/Piece 60' Maximum Radius With 90 Ton Crane	746.49	597.27
03 41 16 00-0012		**Material Cost** *(03 41 16 00-0001)* Note: Includes cost for 3000 PSI concrete, reinforcing steel, imbedded items, formwork and precast plant operations cost.		
03 41 16 00-0013	SF	4" Thick 3,000 PSI Concrete, Precast Floor Slab Or Plank, Ready To Erect	31.64	
		For 3,500 PSI Concrete, Add	*0.63*	
		For 4,000 PSI Concrete, Add	*0.95*	
		For 4,500 PSI Concrete, Add	*1.27*	
		For 5,000 PSI Concrete, Add	*1.90*	
03 41 16 00-0014	SF	5" Thick 3,000 PSI Concrete, Precast Floor Slab Or Plank, Ready To Erect	37.97	
		For 3,500 PSI Concrete, Add	*0.76*	
		For 4,000 PSI Concrete, Add	*1.14*	
		For 4,500 PSI Concrete, Add	*1.52*	
		For 5,000 PSI Concrete, Add	*2.28*	
03 41 16 00-0015	SF	6" Thick 3,000 PSI Concrete, Precast Floor Slab Or Plank, Ready To Erect	46.41	
		For 3,500 PSI Concrete, Add	*0.93*	
		For 4,000 PSI Concrete, Add	*1.39*	
		For 4,500 PSI Concrete, Add	*1.86*	
		For 5,000 PSI Concrete, Add	*2.78*	
03 41 16 00-0016	SF	8" Thick 3,000 PSI Concrete, Precast Floor Slab Or Plank, Ready To Erect	61.60	
		For 3,500 PSI Concrete, Add	*1.23*	
		For 4,000 PSI Concrete, Add	*1.85*	
		For 4,500 PSI Concrete, Add	*2.46*	
		For 5,000 PSI Concrete, Add	*3.70*	
03 41 16 00-0017		**Floor Units, Combination Beam And Slab** *(03 41 16)*		
03 41 16 00-0018		**Erection Costs For Using 90 Ton Crawler Crane** *(03 41 16 00-0017)* Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.		
03 41 16 00-0019	EA	Erect Precast Comb Deck, 0-5 Ton/Piece Beam And Slab, 88' Maximum Radius With 90 Ton Crane	508.37	406.68
03 41 16 00-0020	EA	Erect Precast Comb Deck, 5-10 Ton/Piece Beam And Slab, 60' Maximum Radius With 90 Ton Crane	554.09	443.33
03 41 16 00-0021	EA	Erect Precast Comb Deck, 10-15 Ton/Piece Beam And Slab, 43' Maximum Radius With 90 Ton Crane	612.42	489.87
03 41 16 00-0022	EA	Erect Precast Comb Deck, 15-20 Ton/Piece Beam And Slab, 36' Maximum Radius With 90 Ton Crane	680.03	543.99
03 41 16 00-0023	EA	Erect Precast Comb Deck, 20-25 Ton/Piece Beam And Slab, 31' Maximum Radius With 90 Ton Crane	764.41	611.47
03 41 16 00-0024		**Erection Costs Using A 125 Ton Crawler Crane** *(03 41 16 00-0017)* Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.		
03 41 16 00-0025	EA	Erect Precast Comb Deck, 0-5 Ton/Piece Beam And Slab, 110' Maximum Radius, 125 Ton Crane	635.55	508.48
03 41 16 00-0026	EA	Erect Precast Comb Deck, 5-10 Ton/Piece Beam And Slab, 75' Maximum Radius, 125 Ton Crane	692.72	554.14
03 41 16 00-0027	EA	Erect Precast Comb Deck, 10-15 Ton/Piece Beam And Slab, 55' Maximum Radius, 125 Ton Crane	765.64	612.56
03 41 16 00-0028	EA	Erect Precast Comb Deck, 15-20 Ton/Piece Beam And Slab, 50' Maximum Radius, 125 Ton Crane	850.15	680.15
03 41 16 00-0029	EA	Erect Precast Comb Deck, 20-25 Ton/Piece Beam And Slab, 40' Maximum Radius, 125 Ton Crane	955.65	764.59
03 41 16 00-0030	EA	Erect Precast Comb Deck, 20-25 Ton/Piece Beam And Slab, 33' Maximum Radius, 125 Ton Crane	1,039.08	831.20
03 41 16 00-0031	EA	Erect Precast Comb Deck, 20-25 Ton/Piece Beam And Slab, 30' Maximum Radius, 125 Ton Crane	1,148.45	918.75
03 41 16 00-0032	EA	Erect Precast Comb Deck, 20-25 Ton/Piece Beam And Slab, 28' Maximum Radius, 125 Ton Crane	1,271.10	1,016.95
03 41 16 00-0033	EA	Erect Precast Comb Deck, 20-25 Ton/Piece Beam And Slab, 26' Maximum Radius, 125 Ton Crane	1,438.72	1,150.99
03 41 16 00-0034		**Material Cost** *(03 41 16 00-0017)* Note: Includes cost of 3000 PSI concrete, reinforcing steel, imbedded items, formwork and precast plant operation.		
03 41 16 00-0035		**4" Slab** *(03 41 16 00-0034)*		
03 41 16 00-0036	CY	Precast Combination Deck, 4" Slab With Beams Edge Beam Only, 3,000 PSI Concrete	3,332.85	
		For 3,500 PSI Concrete, Add	*66.66*	
		For 4,000 PSI Concrete, Add	*99.99*	
		For 4,500 PSI Concrete, Add	*133.31*	
		For 5,000 PSI Concrete, Add	*199.97*	
03 41 16 00-0037	CY	Precast Combination Deck, 4" Slab With Beams Edge Beam + 1 Interim Beam, 3,000 PSI Concrete	3,375.03	
		For 3,500 PSI Concrete, Add	*67.50*	
		For 4,000 PSI Concrete, Add	*101.25*	
		For 4,500 PSI Concrete, Add	*135.00*	
		For 5,000 PSI Concrete, Add	*202.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 41 16 00-0038	CY	Precast Combination Deck, 4" Slab With Beams Edge Beam + 2 Interim Beam, 3,000 PSI Concrete	3,796.91	
		For 3,500 PSI Concrete, Add	*75.94*	
		For 4,000 PSI Concrete, Add	*113.91*	
		For 4,500 PSI Concrete, Add	*151.88*	
		For 5,000 PSI Concrete, Add	*227.81*	

03 41 16 00-0039 5" Slab *(03 41 16 00-0034)*

03 41 16 00-0040	CY	Precast Combination Deck, 5" Slab With Beams Edge Beam Only, 3,000 PSI Concrete	3,417.22	
		For 3,500 PSI Concrete, Add	*68.34*	
		For 4,000 PSI Concrete, Add	*102.52*	
		For 4,500 PSI Concrete, Add	*136.69*	
		For 5,000 PSI Concrete, Add	*205.03*	
03 41 16 00-0041	CY	Precast Combination Deck, 5" Slab With Beams Edge Beam + 1 Interim Beam, 3,000 PSI Concrete	3,543.79	
		For 3,500 PSI Concrete, Add	*70.88*	
		For 4,000 PSI Concrete, Add	*106.31*	
		For 4,500 PSI Concrete, Add	*141.75*	
		For 5,000 PSI Concrete, Add	*212.63*	
03 41 16 00-0042	CY	Precast Combination Deck, 5" Slab With Beams Edge Beam + 2 Interim Beam, 3,000 PSI Concrete	4,514.11	
		For 3,500 PSI Concrete, Add	*90.28*	
		For 4,000 PSI Concrete, Add	*135.42*	
		For 4,500 PSI Concrete, Add	*180.56*	
		For 5,000 PSI Concrete, Add	*270.85*	

03 41 16 00-0043 6" Slab *(03 41 16 00-0034)*

03 41 16 00-0044	CY	Precast Combination Deck, 6" Slab With Beams Edge Beam Only, 3,000 PSI Concrete	3,543.79	
		For 3,500 PSI Concrete, Add	*70.88*	
		For 4,000 PSI Concrete, Add	*106.31*	
		For 4,500 PSI Concrete, Add	*141.75*	
		For 5,000 PSI Concrete, Add	*212.63*	
03 41 16 00-0045	CY	Precast Combination Deck, 6" Slab With Beams Edge Beam + 1 Interim Beam, 3,000 PSI Concrete	4,218.79	
		For 3,500 PSI Concrete, Add	*84.38*	
		For 4,000 PSI Concrete, Add	*126.56*	
		For 4,500 PSI Concrete, Add	*168.75*	
		For 5,000 PSI Concrete, Add	*253.13*	
03 41 16 00-0046	CY	Precast Combination Deck, 6" Slab With Beams Edge Beam + 2 Interim Beam, 3,000 PSI Concrete	5,146.93	
		For 3,500 PSI Concrete, Add	*102.94*	
		For 4,000 PSI Concrete, Add	*154.41*	
		For 4,500 PSI Concrete, Add	*205.88*	
		For 5,000 PSI Concrete, Add	*308.82*	

03 41 19 Precast Concrete Wall Panels *(03 41)*

03 41 19 00-0001 Structural Wall Panels *(03 41 19)*

Note: Gray, smooth form or board finish one side.

03 41 19 00-0002 Erection Cost Using 50 Ton Hydraulic Crane *(03 41 19 00-0001)*

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking of joints.

03 41 19 00-0003	EA	Erect Precast Wall Panel 0-1 Ton/Piece 100' Maximum Radius With 50 Ton Crane	404.75	323.83
03 41 19 00-0004	EA	Erect Precast Wall Panel 1-3 Ton/Piece 65' Maximum Radius With 50 Ton Crane	449.95	359.90
03 41 19 00-0005	EA	Erect Precast Wall Panel 3-5 Ton/Piece 50' Maximum Radius With 50 Ton Crane	506.50	405.22
03 41 19 00-0006	EA	Erect Precast Wall Panel 5-7 Ton/Piece 40' Maximum Radius With 50 Ton Crane	542.04	433.61
03 41 19 00-0007	EA	Erect Precast Wall Panel 7-9 Ton/Piece 33' Maximum Radius With 50 Ton Crane	579.31	463.45
03 41 19 00-0008	EA	Erect Precast Wall Panel 9-11 Ton/Piece 30' Maximum Radius With 50 Ton Crane	622.08	497.63
03 41 19 00-0009	EA	Erect Precast Wall Panel 11-13 Ton/Piece 25' Maximum Radius With 50 Ton Crane	676.57	541.22
03 41 19 00-0010	EA	Erect Precast Wall Panel 13-15 Ton/Piece 23' Maximum Radius With 50 Ton Crane	735.63	588.58

03 41 19 00-0011 Erection Cost Using 90 Ton Crawler Crane *(03 41 19 00-0001)*

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking of joints.

03 41 19 00-0012	EA	Erect Precast Wall Panel 0-1 Ton/Piece 180' Maximum Radius With 90 Ton Crane	457.31	365.81
03 41 19 00-0013	EA	Erect Precast Wall Panel 1-3 Ton/Piece 121' Maximum Radius With 90 Ton Crane	508.37	406.68
03 41 19 00-0014	EA	Erect Precast Wall Panel 3-5 Ton/Piece 89' Maximum Radius With 90 Ton Crane	572.26	457.88
03 41 19 00-0015	EA	Erect Precast Wall Panel 5-7 Ton/Piece 75' Maximum Radius With 90 Ton Crane	612.42	489.87
03 41 19 00-0016	EA	Erect Precast Wall Panel 7-9 Ton/Piece 65' Maximum Radius With 90 Ton Crane	654.52	523.62
03 41 19 00-0017	EA	Erect Precast Wall Panel 9-11 Ton/Piece 55' Maximum Radius With 90 Ton Crane	702.85	562.31
03 41 19 00-0018	EA	Erect Precast Wall Panel 11-13 Ton/Piece 50' Maximum Radius With 90 Ton Crane	764.41	611.47
03 41 19 00-0019	EA	Erect Precast Wall Panel 13-15 Ton/Piece 43' Maximum Radius With 90 Ton Crane	831.15	664.85
03 41 19 00-0020	EA	Erect Precast Wall Panel 15-20 Ton/Piece 36' Maximum Radius With 90 Ton Crane	918.63	734.96
03 41 19 00-0021	EA	Erect Precast Wall Panel 20-25 Ton/Piece 31' Maximum Radius With 90 Ton Crane	1,016.74	813.35
03 41 19 00-0022	EA	Erect Precast Wall Panel 25-30 Ton/Piece 26' Maximum Radius With 90 Ton Crane	1,150.82	920.70
03 41 19 00-0023	EA	Erect Precast Wall Panel 30-35 Ton/Piece 25' Maximum Radius With 90 Ton Crane	1,309.05	1,047.24
03 41 19 00-0024	EA	Erect Precast Wall Panel 35-40 Ton/Piece 23' Maximum Radius With 90 Ton Crane	1,517.74	1,214.21

03 41 19 00-0025 Material Cost *(03 41 19 00-0001)*

Note: Includes cost of 3000 PSI concrete, reinforcing steel, imbedded items, formwork and precast plant operations.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 41 19 00-0026	SF	4" Thick 3,000 PSI Concrete, Precast Wall Panel, Ready To Erect	42.19	
		For 3,500 PSI Concrete, Add	*0.84*	
		For 4,000 PSI Concrete, Add	*1.27*	
		For 4,500 PSI Concrete, Add	*1.69*	
		For 5,000 PSI Concrete, Add	*2.53*	
		For White Facing, Add	*8.44*	
		For Solid White Through Thickness, Add	*8.44*	
		For Broken Rib Finish, Add	*4.22*	
		For Fluted Surface, Add	*4.22*	
		For Exposed Aggregate, Add	*8.44*	
		For Sandblasting Of Surface, Add	*4.22*	
		For 2" Polystyrene Insulation, Add	*2.16*	
03 41 19 00-0027	SF	5" Thick 3,000 PSI Concrete, Precast Wall Panel, Ready To Erect	51.89	
		For 3,500 PSI Concrete, Add	*1.04*	
		For 4,000 PSI Concrete, Add	*1.56*	
		For 4,500 PSI Concrete, Add	*2.08*	
		For 5,000 PSI Concrete, Add	*3.11*	
		For White Facing, Add	*10.38*	
		For Solid White Through Thickness, Add	*10.38*	
		For Broken Rib Finish, Add	*5.19*	
		For Fluted Surface, Add	*5.19*	
		For Exposed Aggregate, Add	*10.38*	
		For Sandblasting Of Surface, Add	*5.19*	
		For 2" Polystyrene Insulation, Add	*2.16*	
03 41 19 00-0028	SF	6" Thick 3,000 PSI Concrete, Precast Wall Panel, Ready To Erect	62.44	
		For 3,500 PSI Concrete, Add	*1.25*	
		For 4,000 PSI Concrete, Add	*1.87*	
		For 4,500 PSI Concrete, Add	*2.50*	
		For 5,000 PSI Concrete, Add	*3.75*	
		For White Facing, Add	*12.49*	
		For Solid White Through Thickness, Add	*12.49*	
		For Broken Rib Finish, Add	*6.24*	
		For Fluted Surface, Add	*6.24*	
		For Exposed Aggregate, Add	*12.49*	
		For Sandblasting Of Surface, Add	*6.24*	
		For 2" Polystyrene Insulation, Add	*2.16*	
03 41 19 00-0029	SF	8" Thick 3,000 PSI Concrete, Precast Wall Panel, Ready To Erect	82.27	
		For 3,500 PSI Concrete, Add	*1.65*	
		For 4,000 PSI Concrete, Add	*2.47*	
		For 4,500 PSI Concrete, Add	*3.29*	
		For 5,000 PSI Concrete, Add	*4.94*	
		For White Facing, Add	*16.45*	
		For Solid White Through Thickness, Add	*16.45*	
		For Broken Rib Finish, Add	*8.23*	
		For Fluted Surface, Add	*8.23*	
		For Exposed Aggregate, Add	*16.45*	
		For Sandblasting Of Surface, Add	*8.23*	
		For 2" Polystyrene Insulation, Add	*2.16*	

03 41 19 00-0030 Partition Panels *(03 41 19)*

03 41 19 00-0031 Erection Costs Using 20 Ton Hydraulic Crane *(03 41 19 00-0030)*

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.

03 41 19 00-0032	EA	Erect Precast Partition Wall 0-1 Ton/Piece 69' Maximum Radius With 20 Ton Crane	332.31	265.81
03 41 19 00-0033	EA	Erect Precast Partition Wall 1-2 Ton/Piece 50' Maximum Radius With 20 Ton Crane	369.43	295.57
03 41 19 00-0034	EA	Erect Precast Partition Wall 2-3 Ton/Piece 41' Maximum Radius With 20 Ton Crane	415.86	332.67
03 41 19 00-0035	EA	Erect Precast Partition Wall 3-4 Ton/Piece 33' Maximum Radius With 20 Ton Crane	475.63	380.50
03 41 19 00-0036	EA	Erect Precast Partition Wall 4-5 Ton/Piece 30' Maximum Radius With 20 Ton Crane	510.75	408.63
03 41 19 00-0037	EA	Erect Precast Partition Wall 5-6 Ton/Piece 26' Maximum Radius With 20 Ton Crane	555.48	444.37
03 41 19 00-0038	EA	Erect Precast Partition Wall 6-7 Ton/Piece 23' Maximum Radius With 20 Ton Crane	603.97	483.24
03 41 19 00-0039	EA	Erect Precast Partition Wall 7-8 Ton/Piece 20' Maximum Radius With 20 Ton Crane	667.55	534.06

03 41 19 00-0040 Erection Costs Using 50 Ton Hydraulic Crane *(03 41 19 00-0030)*

Note: Includes handling, hoisting in place, alignment, bracing and permanent connections. Excludes grouting or caulking of joints.

03 41 19 00-0041	EA	Erect Precast Partition Wall 0-1 Ton/Piece 100' Maximum Radius With 50 Ton Crane	404.75	323.83
03 41 19 00-0042	EA	Erect Precast Partition Wall 1-2 Ton/Piece 82' Maximum Radius With 50 Ton Crane	449.95	359.90
03 41 19 00-0043	EA	Erect Precast Partition Wall 2-3 Ton/Piece 65' Maximum Radius With 50 Ton Crane	506.50	405.22
03 41 19 00-0044	EA	Erect Precast Partition Wall 3-4 Ton/Piece 57' Maximum Radius With 50 Ton Crane	579.31	463.45
03 41 19 00-0045	EA	Erect Precast Partition Wall 4-5 Ton/Piece 50' Maximum Radius With 50 Ton Crane	622.08	497.63
03 41 19 00-0046	EA	Erect Precast Partition Wall 5-6 Ton/Piece 44' Maximum Radius With 50 Ton Crane	676.57	541.22
03 41 19 00-0047	EA	Erect Precast Partition Wall 6-7 Ton/Piece 40' Maximum Radius With 50 Ton Crane	735.63	588.58
03 41 19 00-0048	EA	Erect Precast Partition Wall 7-8 Ton/Piece 36' Maximum Radius With 50 Ton Crane	813.07	650.43
03 41 19 00-0049	EA	Erect Precast Partition Wall 8-10 Ton/Piece 31' Maximum Radius With 50 Ton Crane	899.90	719.93
03 41 19 00-0050	EA	Erect Precast Partition Wall 10-12 Ton/Piece 26' Maximum Radius With 50 Ton Crane	1,018.57	814.80
03 41 19 00-0051	EA	Erect Precast Partition Wall 12-14 Ton/Piece 25' Maximum Radius With 50 Ton Crane	1,158.62	926.90
03 41 19 00-0052	EA	Erect Precast Partition Wall 14-16 Ton/Piece 21' Maximum Radius With 50 Ton Crane	1,343.33	1,074.62

03 41 19 00-0053 Material Cost *(03 41 19 00-0030)*

Note: Includes cost of 3000 PSI concrete, reinforcing steel, imbedded items, formwork and precast plant operations.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 41 19 00-0054	SF	4" Thick 3,000 PSI Concrete, Precast Partition Wall, Ready To Erect	40.08	
		For 4,000 PSI Concrete, Add	*1.20*	
		For 4,500 PSI Concrete, Add	*1.60*	
		For 5,000 PSI Concrete, Add	*2.40*	
		For White Facing, Add	*8.02*	
		For Solid White Through Thickness, Add	*8.02*	
		For Broken Rib Finish, Add	*4.01*	
		For Fluted Surface, Add	*4.01*	
		For Exposed Aggregate, Add	*8.02*	
		For Sandblasting Of Surface, Add	*4.01*	
03 41 19 00-0055	SF	5" Thick 3,000 PSI Concrete, Precast Partition Wall, Ready To Erect	49.36	
		For 4,000 PSI Concrete, Add	*1.48*	
		For 4,500 PSI Concrete, Add	*1.97*	
		For 5,000 PSI Concrete, Add	*2.96*	
		For White Facing, Add	*9.87*	
		For Solid White Through Thickness, Add	*9.87*	
		For Broken Rib Finish, Add	*4.94*	
		For Fluted Surface, Add	*4.94*	
		For Exposed Aggregate, Add	*9.87*	
		For Sandblasting Of Surface, Add	*4.94*	
03 41 19 00-0056	SF	6" Thick 3,000 PSI Concrete, Precast Partition Wall, Ready To Erect	59.06	
		For 4,000 PSI Concrete, Add	*1.77*	
		For 4,500 PSI Concrete, Add	*2.36*	
		For 5,000 PSI Concrete, Add	*3.54*	
		For White Facing, Add	*11.81*	
		For Solid White Through Thickness, Add	*11.81*	
		For Broken Rib Finish, Add	*5.91*	
		For Fluted Surface, Add	*5.91*	
		For Exposed Aggregate, Add	*11.81*	
		For Sandblasting Of Surface, Add	*5.91*	
03 41 19 00-0057	SF	8" Thick 3,000 PSI Concrete, Precast Partition Wall, Ready To Erect	78.05	
		For 4,000 PSI Concrete, Add	*2.34*	
		For 4,500 PSI Concrete, Add	*3.12*	
		For 5,000 PSI Concrete, Add	*4.68*	
		For White Facing, Add	*15.61*	
		For Solid White Through Thickness, Add	*15.61*	
		For Broken Rib Finish, Add	*7.81*	
		For Fluted Surface, Add	*7.81*	
		For Exposed Aggregate, Add	*15.61*	
		For Sandblasting Of Surface, Add	*7.81*	

03 41 19 00-0058 Cladding Panels *(03 41 19)*

03 41 19 00-0059 Erection Costs Using 50 Ton Hydraulic Crane *(03 41 19 00-0058)*

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.

03 41 19 00-0060	EA	Erect Precast Cladding 0-1 Ton/Piece 100' Maximum Radius With 50 Ton Crane	427.14	341.65
03 41 19 00-0061	EA	Erect Precast Cladding 1-3 Ton/Piece 65' Maximum Radius With 50 Ton Crane	477.78	382.20
03 41 19 00-0062	EA	Erect Precast Cladding 3-5 Ton/Piece 50' Maximum Radius With 50 Ton Crane	542.04	433.61
03 41 19 00-0063	EA	Erect Precast Cladding 5-7 Ton/Piece 40' Maximum Radius With 50 Ton Crane	579.31	463.45
03 41 19 00-0064	EA	Erect Precast Cladding 7-9 Ton/Piece 33' Maximum Radius With 50 Ton Crane	622.08	497.63
03 41 19 00-0065	EA	Erect Precast Cladding 9-11 Ton/Piece 30' Maximum Radius With 50 Ton Crane	676.57	541.22
03 41 19 00-0066	EA	Erect Precast Cladding 11-13 Ton/Piece 25' Maximum Radius With 50 Ton Crane	735.63	588.58
03 41 19 00-0067	EA	Erect Precast Cladding 13-15 Ton/Piece 23' Maximum Radius With 50 Ton Crane	813.07	650.43

03 41 19 00-0068 Erection Costs Using 90 Ton Crawler Crane *(03 41 19 00-0058)*

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.

03 41 19 00-0069	EA	Erect Precast Cladding 0-1 Ton/Piece 180' Maximum Radius With 90 Ton Crane	482.59	386.02
03 41 19 00-0070	EA	Erect Precast Cladding 1-3 Ton/Piece 121' Maximum Radius With 90 Ton Crane	539.81	431.85
03 41 19 00-0071	EA	Erect Precast Cladding 3-5 Ton/Piece 89' Maximum Radius With 90 Ton Crane	612.42	489.87
03 41 19 00-0072	EA	Erect Precast Cladding 5-7 Ton/Piece 75' Maximum Radius With 90 Ton Crane	654.52	523.62
03 41 19 00-0073	EA	Erect Precast Cladding 7-9 Ton/Piece 65' Maximum Radius With 90 Ton Crane	702.85	562.31
03 41 19 00-0074	EA	Erect Precast Cladding 9-11 Ton/Piece 55' Maximum Radius With 90 Ton Crane	764.41	611.47
03 41 19 00-0075	EA	Erect Precast Cladding 11-13 Ton/Piece 90' Maximum Radius With 90 Ton Crane	831.15	664.85
03 41 19 00-0076	EA	Erect Precast Cladding 13-15 Ton/Piece 43' Maximum Radius With 90 Ton Crane	918.63	734.96
03 41 19 00-0077	EA	Erect Precast Cladding 15-20 Ton/Piece 36' Maximum Radius With 90 Ton Crane	1,016.74	813.35
03 41 19 00-0078	EA	Erect Precast Cladding 20-25 Ton/Piece 31' Maximum Radius With 90 Ton Crane	1,150.82	920.70
03 41 19 00-0079	EA	Erect Precast Cladding 25-30 Ton/Piece 26' Maximum Radius With 90 Ton Crane	1,309.05	1,047.24
03 41 19 00-0080	EA	Erect Precast Cladding 30-35 Ton/Piece 25' Maximum Radius With 90 Ton Crane	1,517.74	1,214.21

03 41 19 00-0081 Material Cost *(03 41 19 00-0058)*

Note: Includes cost of 3000 PSI concrete, reinforcing steel, imbedded items, formwork, and precast plant operations.

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 41 19 00-0082	SF	4" Thick 3,000 PSI Concrete, Precast Cladding Panel, Ready To Erect	40.08	
		For 3,500 PSI Concrete, Add	*0.80*	
		For 4,000 PSI Concrete, Add	*1.20*	
		For 4,500 PSI Concrete, Add	*1.60*	
		For 5,000 PSI Concrete, Add	*2.40*	
		For White Facing, Add	*8.02*	
		For Solid White Through Thickness, Add	*8.02*	
		For Broken Rib Finish, Add	*4.01*	
		For Fluted Surface, Add	*4.01*	
		For Exposed Aggregate, Add	*8.02*	
		For Sandblasting Of Surface, Add	*4.01*	
03 41 19 00-0083	SF	5" Thick 3,000 PSI Concrete, Precast Cladding Panel, Ready To Erect	49.36	
		For 3,500 PSI Concrete, Add	*0.99*	
		For 4,000 PSI Concrete, Add	*1.48*	
		For 4,500 PSI Concrete, Add	*1.97*	
		For 5,000 PSI Concrete, Add	*2.96*	
		For White Facing, Add	*9.87*	
		For Solid White Through Thickness, Add	*9.87*	
		For Broken Rib Finish, Add	*4.94*	
		For Fluted Surface, Add	*4.94*	
		For Exposed Aggregate, Add	*9.87*	
		For Sandblasting Of Surface, Add	*4.94*	
03 41 19 00-0084	SF	6" Thick 3,000 PSI Concrete, Precast Cladding Panel, Ready To Erect	59.06	
		For 3,500 PSI Concrete, Add	*1.18*	
		For 4,000 PSI Concrete, Add	*1.77*	
		For 4,500 PSI Concrete, Add	*2.36*	
		For 5,000 PSI Concrete, Add	*3.54*	
		For White Facing, Add	*11.81*	
		For Solid White Through Thickness, Add	*11.81*	
		For Broken Rib Finish, Add	*5.91*	
		For Fluted Surface, Add	*5.91*	
		For Exposed Aggregate, Add	*11.81*	
		For Sandblasting Of Surface, Add	*5.91*	
03 41 19 00-0085	SF	8" Thick 3,000 PSI Concrete, Precast Cladding Panel, Ready To Erect	78.05	
		For 3,500 PSI Concrete, Add	*1.56*	
		For 4,000 PSI Concrete, Add	*2.34*	
		For 4,500 PSI Concrete, Add	*3.12*	
		For 5,000 PSI Concrete, Add	*4.68*	
		For White Facing, Add	*15.61*	
		For Solid White Through Thickness, Add	*15.61*	
		For Broken Rib Finish, Add	*7.81*	
		For Fluted Surface, Add	*7.81*	
		For Exposed Aggregate, Add	*15.61*	
		For Sandblasting Of Surface, Add	*7.81*	

03 41 19 00-0086 Sandwich Panel *(03 41 19)*

03 41 19 00-0087 Erection Costs Using 50 Ton Hydraulic Crane *(03 41 19 00-0086)*

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.

03 41 19 00-0088	EA	Erect Precast Sandwich Panel 0-1 Ton/Piece 100' Maximum Radius With 50 Ton Crane	427.14	341.65
03 41 19 00-0089	EA	Erect Precast Sandwich Panel 1-3 Ton/Piece 65' Maximum Radius With 50 Ton Crane	477.78	382.20
03 41 19 00-0090	EA	Erect Precast Sandwich Panel 3-5 Ton/Piece 50' Maximum Radius With 50 Ton Crane	542.04	433.61
03 41 19 00-0091	EA	Erect Precast Sandwich Panel 5-7 Ton/Piece 40' Maximum Radius With 50 Ton Crane	579.31	463.45
03 41 19 00-0092	EA	Erect Precast Sandwich Panel 7-9 Ton/Piece 33' Maximum Radius With 50 Ton Crane	622.08	497.63
03 41 19 00-0093	EA	Erect Precast Sandwich Panel 9-11 Ton/Piece 30' Maximum Radius With 50 Ton Crane	676.57	541.22
03 41 19 00-0094	EA	Erect Precast Sandwich Panel 11-13 Ton/Piece 25' Maximum Radius With 50 Ton Crane	735.63	588.58
03 41 19 00-0095	EA	Erect Precast Sandwich Panel 13-15 Ton/Piece 23' Maximum Radius With 50 Ton Crane	813.07	650.43

03 41 19 00-0096 Erection Costs Using 90 Ton Crawler Crane *(03 41 19 00-0086)*

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.

03 41 19 00-0097	EA	Erect Precast Sandwich Panel 0-1 Ton/Piece 180' Maximum Radius With 90 Ton Crane	433.45	346.69
03 41 19 00-0098	EA	Erect Precast Sandwich Panel 1-3 Ton/Piece 121' Maximum Radius With 90 Ton Crane	484.83	387.84
03 41 19 00-0099	EA	Erect Precast Sandwich Panel 3-5 Ton/Piece 89' Maximum Radius With 90 Ton Crane	550.04	440.01
03 41 19 00-0100	EA	Erect Precast Sandwich Panel 5-7 Ton/Piece 75' Maximum Radius With 90 Ton Crane	587.86	470.29
03 41 19 00-0101	EA	Erect Precast Sandwich Panel 7-9 Ton/Piece 65' Maximum Radius With 90 Ton Crane	631.26	504.97
03 41 19 00-0102	EA	Erect Precast Sandwich Panel 9-11 Ton/Piece 55' Maximum Radius With 90 Ton Crane	686.55	549.21
03 41 19 00-0103	EA	Erect Precast Sandwich Panel 11-13 Ton/Piece 50' Maximum Radius With 90 Ton Crane	746.49	597.27
03 41 19 00-0104	EA	Erect Precast Sandwich Panel 13-15 Ton/Piece 43' Maximum Radius With 90 Ton Crane	825.06	660.02
03 41 19 00-0105	EA	Erect Precast Sandwich Panel 15-20 Ton/Piece 36' Maximum Radius With 90 Ton Crane	913.18	730.56
03 41 19 00-0106	EA	Erect Precast Sandwich Panel 20-25 Ton/Piece 31' Maximum Radius With 90 Ton Crane	1,033.60	826.82
03 41 19 00-0107	EA	Erect Precast Sandwich Panel 25-30 Ton/Piece 26' Maximum Radius With 90 Ton Crane	1,175.71	940.57
03 41 19 00-0108	EA	Erect Precast Sandwich Panel 30-35 Ton/Piece 25' Maximum Radius With 90 Ton Crane	1,363.15	1,090.48

03 41 19 00-0109 Material Cost *(03 41 19 00-0086)*

Note: Includes cost of 3000 PSI concrete, reinforcing steel, imbedded items, formwork, and precast plant operations. Sandwich panel consists of 2.5" cladding panel, 2" fiber board insulation and the structural panel as defined.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 41 19 00-0110	SF	4" Thick 3,000 PSI Concrete, Precast Sandwich Panel, Ready To Erect	54.84	
		For 3,500 PSI Concrete, Add	*1.10*	
		For 4,000 PSI Concrete, Add	*1.65*	
		For 4,500 PSI Concrete, Add	*2.19*	
		For 5,000 PSI Concrete, Add	*3.29*	
		For White Facing, Add	*10.97*	
		For Solid White Through Thickness, Add	*10.97*	
		For Broken Rib Finish, Add	*5.48*	
		For Fluted Surface, Add	*5.48*	
		For Exposed Aggregate, Add	*10.97*	
		For Sandblasting Of Surface, Add	*5.48*	
03 41 19 00-0111	SF	5" Thick 3,000 PSI Concrete, Precast Sandwich Panel, Ready To Erect	64.55	
		For 3,500 PSI Concrete, Add	*1.29*	
		For 4,000 PSI Concrete, Add	*1.94*	
		For 4,500 PSI Concrete, Add	*2.58*	
		For 5,000 PSI Concrete, Add	*3.87*	
		For White Facing, Add	*12.91*	
		For Solid White Through Thickness, Add	*12.91*	
		For Broken Rib Finish, Add	*6.46*	
		For Fluted Surface, Add	*6.46*	
		For Exposed Aggregate, Add	*12.91*	
		For Sandblasting Of Surface, Add	*6.46*	
03 41 19 00-0112	SF	6" Thick 3,000 PSI Concrete, Precast Sandwich Panel, Ready To Erect	75.09	
		For 3,500 PSI Concrete, Add	*1.50*	
		For 4,000 PSI Concrete, Add	*2.25*	
		For 4,500 PSI Concrete, Add	*3.00*	
		For 5,000 PSI Concrete, Add	*4.51*	
		For White Facing, Add	*15.02*	
		For Solid White Through Thickness, Add	*15.02*	
		For Broken Rib Finish, Add	*7.51*	
		For Fluted Surface, Add	*7.51*	
		For Exposed Aggregate, Add	*15.02*	
		For Sandblasting Of Surface, Add	*7.51*	
03 41 19 00-0113	SF	8" Thick 3,000 PSI Concrete, Precast Sandwich Panel, Ready To Erect	94.92	
		For 3,500 PSI Concrete, Add	*1.90*	
		For 4,000 PSI Concrete, Add	*2.85*	
		For 4,500 PSI Concrete, Add	*3.80*	
		For 5,000 PSI Concrete, Add	*5.70*	
		For White Facing, Add	*18.98*	
		For Solid White Through Thickness, Add	*18.98*	
		For Broken Rib Finish, Add	*9.49*	
		For Fluted Surface, Add	*9.49*	
		For Exposed Aggregate, Add	*18.98*	
		For Sandblasting Of Surface, Add	*9.49*	

03 41 23 Precast Concrete Stairs *(03 41)*

03 41 23 00-0001 Erection Costs Using A 50 Ton Hydraulic Crane *(03 41 23)*

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.

03 41 23 00-0002	EA	Erect Precast Stairs, 0-2 Ton/Piece 82' Maximum Radius With 50 Ton Crane	449.95	359.90
03 41 23 00-0003	EA	Erect Precast Stairs, 2-3 Ton/Piece 65' Maximum Radius With 50 Ton Crane	477.78	382.20
03 41 23 00-0004	EA	Erect Precast Stairs, 3-4 Ton/Piece 57' Maximum Radius With 50 Ton Crane	506.50	405.22
03 41 23 00-0005	EA	Erect Precast Stairs, 4-5 Ton/Piece 50' Maximum Radius With 50 Ton Crane	542.04	433.61
03 41 23 00-0006	EA	Erect Precast Stairs, 5-6 Ton/Piece 44' Maximum Radius With 50 Ton Crane	579.31	463.45
03 41 23 00-0007	EA	Erect Precast Stairs, 6-7 Ton/Piece 40' Maximum Radius With 50 Ton Crane	622.08	497.63
03 41 23 00-0008	EA	Erect Precast Stairs, 7-8 Ton/Piece 36' Maximum Radius With 50 Ton Crane	676.57	541.22
03 41 23 00-0009	EA	Erect Precast Stairs, 8-9 Ton/Piece 33' Maximum Radius With 50 Ton Crane	735.63	588.58

03 41 23 00-0010 Erection Costs Using A 90 Ton Crawler Crane *(03 41 23)*

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.

03 41 23 00-0011	EA	Erect Precast Stairs, 0-2 Ton/Piece 151' Maximum Radius With 90 Ton Crane	449.95	359.90
03 41 23 00-0012	EA	Erect Precast Stairs, 2-3 Ton/Piece 121' Maximum Radius With 90 Ton Crane	477.78	382.20
03 41 23 00-0013	EA	Erect Precast Stairs, 3-4 Ton/Piece 105' Maximum Radius With 90 Ton Crane	506.50	405.22
03 41 23 00-0014	EA	Erect Precast Stairs, 4-5 Ton/Piece 89' Maximum Radius With 90 Ton Crane	542.04	433.61
03 41 23 00-0015	EA	Erect Precast Stairs, 5-6 Ton/Piece 82' Maximum Radius With 90 Ton Crane	579.31	463.45
03 41 23 00-0016	EA	Erect Precast Stairs, 6-7 Ton/Piece 75' Maximum Radius With 90 Ton Crane	622.08	497.63
03 41 23 00-0017	EA	Erect Precast Stairs, 7-8 Ton/Piece 70' Maximum Radius With 90 Ton Crane	676.57	541.22
03 41 23 00-0018	EA	Erect Precast Stairs, 8-9 Ton/Piece 65' Maximum Radius With 90 Ton Crane	735.63	588.58

03 41 23 00-0019 Material Cost *(03 41 23)*

Note: Includes cost of 3000 PSI concrete, reinforcing steel, imbedded items, formwork and precast operations.

03 41 23 00-0020	EA	3' Wide With 10-1/2" Depth Treads Precast Concrete Stair Unit, Per Riser	845.49	
		For 3,500 PSI Concrete, Add	*110.34*	
		For 4,000 PSI Concrete, Add	*207.31*	
		For 4,500 PSI Concrete, Add	*304.71*	
		For 5,000 PSI Concrete, Add	*414.54*	

03 41 26 Precast Concrete Structural Sections *(03 41)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 41 26 00-0001		**Precast Beams, Girder And Joists** *(03 41 26)*		
03 41 26 00-0002		**Erection Costs Using A 90 Ton Crawler Crane** *(03 41 26 00-0001)*		
		Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.		
03 41 26 00-0003	EA	Erect Precast Structural Sections, 0-5 Ton/Piece Beam, Girder, Joist; 89' Maximum Radius, 90 Ton Crane	572.26	457.88
03 41 26 00-0004	EA	Erect Precast Structural Sections, 5-10 Ton/Piece Beam, Girder, Joist; 60' Maximum Radius, 90 Ton Crane	612.42	489.87
03 41 26 00-0005	EA	Erect Precast Structural Sections, 10-15 Ton/Piece Beam, Girder, Joist; 43' Maximum Radius, 90 Ton Crane	654.52	523.62
03 41 26 00-0006	EA	Erect Precast Structural Sections, 15-20 Ton/Piece Beam, Girder, Joist; 36' Maximum Radius, 90 Ton Crane	702.85	562.31
03 41 26 00-0007		**Erection Costs Using A 125 Ton Crawler Crane** *(03 41 26 00-0001)*		
		Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.		
03 41 26 00-0008	EA	Erect Precast Structural Sections, 0-5 Ton/Piece Beam, Girder, Joist; 110' Maximum Radius, 125 Ton Crane	715.43	572.30
03 41 26 00-0009	EA	Erect Precast Structural Sections, 5-10 Ton/Piece Beam, Girder, Joist; 75' Maximum Radius, 125 Ton Crane	765.64	612.56
03 41 26 00-0010	EA	Erect Precast Structural Sections, 10-15 Ton/Piece Beam, Girder, Joist; 55' Maximum Radius, 125 Ton Crane	818.27	654.62
03 41 26 00-0011	EA	Erect Precast Structural Sections, 15-20 Ton/Piece Beam, Girder, Joist; 50' Maximum Radius, 125 Ton Crane	878.68	702.90
03 41 26 00-0012	EA	Erect Precast Structural Sections, 20-25 Ton/Piece Beam, Girder, Joist; 40' Maximum Radius, 125 Ton Crane	955.65	764.59
03 41 26 00-0013	EA	Erect Precast Structural Sections, 25-30 Ton/Piece Beam, Girder, Joist; 33' Maximum Radius, 125 Ton Crane	1,039.08	831.20
03 41 26 00-0014	EA	Erect Precast Structural Sections, 30-35 Ton/Piece Beam, Girder, Joist; 30' Maximum Radius, 125 Ton Crane	1,148.45	918.75
03 41 26 00-0015	EA	Erect Precast Structural Sections, 35-40 Ton/Piece Beam, Girder, Joist; 28' Maximum Radius, 125 Ton Crane	1,271.10	1,016.95
03 41 26 00-0016		**Material Cost** *(03 41 26 00-0001)*		
		Note: Includes cost of 3000 PSI concrete, reinforcing steel, imbedded items, formwork, and precast plant operations.		
03 41 26 00-0017		**1,000 LB/LF Live Load** *(03 41 26 00-0016)*		
03 41 26 00-0018	LF	Precast Structural Sections, 1,000 LB/LF, 15' Span Live Load, Span, 3,000 PSI	169.07	
		For 3,500 PSI Concrete, Add	*4.62*	
		For 4,000 PSI Concrete, Add	*6.93*	
		For 4,500 PSI Concrete, Add	*9.23*	
		For 5,000 PSI Concrete, Add	*13.86*	
03 41 26 00-0019	LF	Precast Structural Sections, 1,000 LB/LF, 20' Span Live Load, Span, 3,000 PSI	211.34	
		For 3,500 PSI Concrete, Add	*5.77*	
		For 4,000 PSI Concrete, Add	*8.66*	
		For 4,500 PSI Concrete, Add	*11.54*	
		For 5,000 PSI Concrete, Add	*17.33*	
03 41 26 00-0020	LF	Precast Structural Sections, 1,000 LB/LF, 30' Span Live Load, Span, 3,000 PSI	253.61	
		For 3,500 PSI Concrete, Add	*6.92*	
		For 4,000 PSI Concrete, Add	*10.40*	
		For 4,500 PSI Concrete, Add	*13.85*	
		For 5,000 PSI Concrete, Add	*20.80*	
03 41 26 00-0021		**3,000 LB/LF Live Load** *(03 41 26 00-0016)*		
03 41 26 00-0022	LF	Precast Structural Sections, 3,000 LB/LF, 15' Span Live Load, Span, 3,000 PSI	211.34	
		For 3,500 PSI Concrete, Add	*5.77*	
		For 4,000 PSI Concrete, Add	*8.66*	
		For 4,500 PSI Concrete, Add	*11.54*	
		For 5,000 PSI Concrete, Add	*17.33*	
03 41 26 00-0023	LF	Precast Structural Sections, 3,000 LB/LF, 20' Span Live Load, Span, 3,000 PSI	253.61	
		For 3,500 PSI Concrete, Add	*6.92*	
		For 4,000 PSI Concrete, Add	*10.40*	
		For 4,500 PSI Concrete, Add	*13.85*	
		For 5,000 PSI Concrete, Add	*20.80*	
03 41 26 00-0024	LF	Precast Structural Sections, 3,000 LB/LF, 30' Span Live Load, Span, 3,000 PSI	338.15	
		For 3,500 PSI Concrete, Add	*9.23*	
		For 4,000 PSI Concrete, Add	*13.86*	
		For 4,500 PSI Concrete, Add	*18.46*	
		For 5,000 PSI Concrete, Add	*27.73*	
03 41 26 00-0025		**5,000 LB/LF Live Load** *(03 41 26 00-0016)*		
03 41 26 00-0026	LF	Precast Structural Sections, 5,000 LB/LF, 15' Span Live Load, Span, 3,000 PSI	295.88	
		For 3,500 PSI Concrete, Add	*8.08*	
		For 4,000 PSI Concrete, Add	*12.13*	
		For 4,500 PSI Concrete, Add	*16.16*	
		For 5,000 PSI Concrete, Add	*24.26*	
03 41 26 00-0027	LF	Precast Structural Sections, 5,000 LB/LF, 20' Span Live Load, Span, 3,000 PSI	338.15	
		For 3,500 PSI Concrete, Add	*9.23*	
		For 4,000 PSI Concrete, Add	*13.86*	
		For 4,500 PSI Concrete, Add	*18.46*	
		For 5,000 PSI Concrete, Add	*27.73*	
03 41 26 00-0028	LF	Precast Structural Sections, 5,000 LB/LF, 30' Span Live Load, Span, 3,000 PSI	422.68	
		For 3,500 PSI Concrete, Add	*11.54*	
		For 4,000 PSI Concrete, Add	*17.33*	
		For 4,500 PSI Concrete, Add	*23.08*	
		For 5,000 PSI Concrete, Add	*34.66*	
03 41 26 00-0029		**Precast Concrete Columns** *(03 41 26)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

03 41 26 00-0030 Erection Costs Using A 90 Ton Crawler Crane *(03 41 26 00-0029)*

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.

03 41 26 00-0031	EA	Erect Precast Concrete Columns, 0-3 Ton/Piece 121' Maximum Radius With 90 Ton Crane	328.87	263.07
03 41 26 00-0032	EA	Erect Precast Concrete Columns, 3-5 Ton/Piece 89' Maximum Radius With 90 Ton Crane	349.65	279.68
03 41 26 00-0033	EA	Erect Precast Concrete Columns, 5-7 Ton/Piece 75' Maximum Radius With 90 Ton Crane	374.73	299.80
03 41 26 00-0034	EA	Erect Precast Concrete Columns, 7-9 Ton/Piece 65' Maximum Radius With 90 Ton Crane	401.96	321.56
03 41 26 00-0035	EA	Erect Precast Concrete Columns, 9-11 Ton/Piece 55' Maximum Radius With 90 Ton Crane	433.45	346.69
03 41 26 00-0036	EA	Erect Precast Concrete Columns, 11-13 Ton/Piece 50' Maximum Radius With 90 Ton Crane	470.29	376.23
03 41 26 00-0037	EA	Erect Precast Concrete Columns, 13-15 Ton/Piece 43' Maximum Radius With 90 Ton Crane	513.98	411.20

03 41 26 00-0038 Material Cost *(03 41 26 00-0029)*

Note: Includes cost of 3000 PSI concrete, reinforcing steel, imbedded items, formwork, and precast operations.

03 41 26 00-0039 12" x 12" Column, Square, Tied *(03 41 26 00-0038)*

03 41 26 00-0040	CY	12" x 12" Precast Column, Tied, Average Reinforced 351 LB/CY	875.09
		For 3,500 PSI Concrete, Add	*65.63*
		For 4,000 PSI Concrete, Add	*123.39*
		For 4,500 PSI Concrete, Add	*182.02*
		For 5,000 PSI Concrete, Add	*247.65*

03 41 26 00-0041 16" x 16" Column, Square, Tied *(03 41 26 00-0038)*

03 41 26 00-0042	CY	16" x 16" Precast Column, Tied, Average Reinforced 368 LB/CY	896.70
		For 3,500 PSI Concrete, Add	*67.25*
		For 4,000 PSI Concrete, Add	*126.43*
		For 4,500 PSI Concrete, Add	*186.51*
		For 5,000 PSI Concrete, Add	*253.77*

03 41 26 00-0043 20" x 20" Column, Square, Tied *(03 41 26 00-0038)*

03 41 26 00-0044	CY	20" x 20" Precast Column, Tied, Average Reinforced 357 LB/CY	898.43
		For 3,500 PSI Concrete, Add	*67.38*
		For 4,000 PSI Concrete, Add	*126.68*
		For 4,500 PSI Concrete, Add	*186.87*
		For 5,000 PSI Concrete, Add	*254.26*

03 41 26 00-0045 24" x 24" Column, Square, Tied *(03 41 26 00-0038)*

03 41 26 00-0046	CY	24" x 24" Precast Column, Tied, Average Reinforced 365 LB/CY	898.43
		For 3,500 PSI Concrete, Add	*67.38*
		For 4,000 PSI Concrete, Add	*126.68*
		For 4,500 PSI Concrete, Add	*186.87*
		For 5,000 PSI Concrete, Add	*254.26*

03 41 26 00-0047 28" x 28" Column, Square, Tied *(03 41 26 00-0038)*

03 41 26 00-0048	CY	28" x 28" Precast Column, Tied, Average Reinforced 347 LB/CY	898.43
		For 3,500 PSI Concrete, Add	*67.38*
		For 4,000 PSI Concrete, Add	*126.68*
		For 4,500 PSI Concrete, Add	*186.87*
		For 5,000 PSI Concrete, Add	*254.26*

03 41 26 00-0049 32" x 32" Column, Square, Tied *(03 41 26 00-0038)*

03 41 26 00-0050	CY	32" x 32" Precast Column, Tied, Average Reinforced 351 LB/CY	896.70
		For 3,500 PSI Concrete, Add	*67.25*
		For 4,000 PSI Concrete, Add	*126.43*
		For 4,500 PSI Concrete, Add	*186.51*
		For 5,000 PSI Concrete, Add	*253.77*

03 41 26 00-0051 36" x 36" Column, Square, Tied *(03 41 26 00-0038)*

03 41 26 00-0052	CY	36" x 36" Precast Column, Tied, Average Reinforced 278 LB/CY	898.43
		For 3,500 PSI Concrete, Add	*67.38*
		For 4,000 PSI Concrete, Add	*126.68*
		For 4,500 PSI Concrete, Add	*186.87*
		For 5,000 PSI Concrete, Add	*254.26*

03 41 33 Precast Structural Pretensioned Concrete *(03 41)*

03 41 33 00-0001 Slabs, Roof And Floor Members *(03 41 33)*

03 41 33 00-0002	SF	4" Thick Precast Prestressed Slab, 12-16' Span Roof/Floor	18.35	2.71
03 41 33 00-0003	SF	6" Thick Precast Prestressed Slab, 16-25' Span Roof/Floor	22.77	2.71
03 41 33 00-0004	SF	8" Thick Precast Prestressed Slab, 25-32' Span Roof/Floor	27.21	2.85
03 41 33 00-0005	SF	10" Thick Precast Prestressed Slab, 32-40' Span Roof/Floor	31.65	2.98

03 41 33 00-0006 Tee Members *(03 41 33)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 41 33 00-0007		**Multiple Tee, Roof And Floor** *(03 41 33 00-0006)*		
03 41 33 00-0008	SF	Prestressed Multiple Tee, Roof And Floor Members	40.77	3.53
03 41 33 00-0009		**Double Tee Wall Member** *(03 41 33 00-0006)*		
03 41 33 00-0010	SF	Prestressed Double Tee Wall Members Precast Concrete, <40' Span	58.54	9.62
03 41 33 00-0011		**Single Tee, Short Span, Roof Members** *(03 41 33 00-0006)*		
03 41 33 00-0012	SF	Prestressed Single Tee, Short Span Roof Precast Concrete Members, <40' Span	48.23	5.83
03 41 33 00-0013		**Single Tee, Long Span, Roof Members** *(03 41 33 00-0006)*		
03 41 33 00-0014	SF	Prestressed Single Tee, Long Span Roof Precast Concrete Members, <40' Span	57.55	5.01
03 41 33 00-0015		**Prestressed Concrete Items** *(03 41 33)*		
03 41 33 00-0016		**Prestressed Quad Tee** *(03 41 33 00-0015)*		
03 41 33 00-0017	SF	Tees, Prestressed Quad Tee, Short Spans, Roof	29.27	1.08
03 41 33 00-0018	SF	Tees, Prestressed Quad Tee, Short Spans, Floor	30.54	1.08
03 41 33 00-0019		**Prestressed Double Tee** *(03 41 33 00-0015)*		
03 41 33 00-0020	SF	Tees, Double Tee, Floor Members , 60' Span	48.51	0.95
03 41 33 00-0021	SF	Tees, Double Tee, Floor Members , 80' Span	66.74	0.95
03 41 33 00-0022	SF	Tees, Double Tee, Roof Members, 30' Span	33.28	1.63
03 41 33 00-0023	SF	Tees, Double Tee, Roof Members, 50' Span	51.31	1.08
03 41 33 00-0024	SF	Tees, Double Tee, Wall Members, Up To 55' High	36.13	2.17
03 41 33 00-0025		**Prestressed Single Tee** *(03 41 33 00-0015)*		
03 41 33 00-0026	SF	Tees, Single Tee Roof Members, 40' Span	57.64	2.43
03 41 33 00-0027	SF	Tees, Single Tee Roof Members, 80' Span	66.53	1.49
03 41 33 00-0028	SF	Tees, Single Tee Roof Members, 100' Span	87.90	1.35
03 41 33 00-0029	SF	Tees, Single Tee Roof Members, 120' Span	92.55	1.35
03 41 33 00-0030		**Prestressed Double Tee Floor Members** *(03 41 33 00-0015)*		
03 41 33 00-0031	EA	Tees, Double Tees, Floor Members, Lightweight, 20" X 8' Wide, 45'	14,860.92	390.13
03 41 33 00-0032	EA	Tees, Double Tees, Floor Members, Lightweight, 24" X 8' Wide, 50'	16,183.29	433.49
03 41 33 00-0033	EA	Tees, Double Tees, Floor Members, Lightweight, 32" X 10' Wide, 60'	27,030.85	487.67
03 41 33 00-0034	EA	Tees, Double Tees, Floor Members, Standard Weight, 12" X 8' Wide, 25'	5,854.51	354.78
03 41 33 00-0035	EA	Tees, Double Tees, Floor Members, Standard Weight, 16" X 8' Wide, 25'	7,674.32	390.13
03 41 33 00-0036	EA	Tees, Double Tees, Floor Members, Standard Weight, 18" X 8' Wide, 35'	9,788.03	390.13
03 41 33 00-0037	EA	Tees, Double Tees, Floor Members, Standard Weight, 20" X 8' Wide, 45'	10,899.02	433.49
03 41 33 00-0038	EA	Tees, Double Tees, Floor Members, Standard Weight, 24" X 8' Wide, 50'	13,925.87	487.67
03 41 33 00-0039	EA	Tees, Double Tees, Floor Members, Standard Weight, 32" X 10' Wide, 60'	25,004.54	557.57
03 41 33 00-0040		**Prestressed Double Tee Roof Members** *(03 41 33 00-0015)*		
03 41 33 00-0041	EA	Tees, Double Tees, Roof Members, Lightweight, 20" X 8' Wide, 45'	11,690.36	390.13
03 41 33 00-0042	EA	Tees, Double Tees, Roof Members, Lightweight, 24" X 8' Wide, 50'	15,337.80	433.49
03 41 33 00-0043	EA	Tees, Double Tees, Roof Members, Lightweight, 32" X 10' Wide, 60'	25,128.51	487.67
03 41 33 00-0044	EA	Tees, Double Tees, Roof Members, Standard Weight, 12" X 8' Wide, 30'	7,841.39	354.78
03 41 33 00-0045	EA	Tees, Double Tees, Roof Members, Standard Weight, 16" X 8' Wide, 30'	8,266.16	390.13
03 41 33 00-0046	EA	Tees, Double Tees, Roof Members, Standard Weight, 18" X 8' Wide, 30'	9,153.92	390.13
03 41 33 00-0047	EA	Tees, Double Tees, Roof Members, Standard Weight, 20" X 8' Wide, 40'	9,419.43	433.49
03 41 33 00-0048	EA	Tees, Double Tees, Roof Members, Standard Weight, 24" X 8' Wide, 50'	12,446.27	487.67
03 41 33 00-0049	EA	Tees, Double Tees, Roof Members, Standard Weight, 32" X 10' Wide, 60'	21,411.24	557.57
03 41 33 00-0050		**Plant Produced Pretensioned Prestressed Concrete Hollow Core Slab** *(03 41 33)*		
03 41 33 00-0051	SF	Hollow Core Slab, 4" Slab, 12' - 16' Spans, Plant Produced Pretensioned Prestressed Concrete	30.90	
03 41 33 00-0052	SF	Hollow Core Slab, 6" Slab, 16' - 25' Spans, Plant Produced Pretensioned Prestressed Concrete	32.17	
03 41 33 00-0053	SF	Hollow Core Slab, 8" Slab, 25' - 30' Spans, Plant Produced Pretensioned Prestressed Concrete	33.72	
03 41 33 00-0054	SF	Hollow Core Slab, 10" Slab, 30' - 35' Spans, Plant Produced Pretensioned Prestressed Concrete	34.89	
03 41 33 00-0055	SF	Hollow Core Slab, 12" Slab, 35' - 40' Spans, Plant Produced Pretensioned Prestressed Concrete	37.33	
03 41 33 00-0056		**Double And Single Tees** *(03 41 33)*		
03 41 33 00-0057		**Double And Single Tees With 16" Roof And Floor Loading** *(03 41 33 00-0056)*		
03 41 33 00-0058	SF	Double Tee With 16" Roof Loading, 30' Span, Pretensioned Prestressed Concrete	37.41	
03 41 33 00-0059	SF	Double Tee With 16" Roof Loading, 40' Span, Pretensioned Prestressed Concrete	36.52	
03 41 33 00-0060	SF	Double Tee With 16" Roof Loading, 45' Span, Pretensioned Prestressed Concrete	34.48	
03 41 33 00-0061	SF	Double Tee With 16" Floor Loading, 30' Span, Pretensioned Prestressed Concrete	37.41	
03 41 33 00-0062	SF	Double Tee With 16" Floor Loading, 40' Span, Pretensioned Prestressed Concrete	37.28	
03 41 33 00-0063	SF	Single Tee With 16" Roof Loading, 30' Span, Pretensioned Prestressed Concrete	57.20	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 41 33 00-0064	SF	Single Tee With 16" Roof Loading, 40' Span, Pretensioned Prestressed Concrete	55.93	
03 41 33 00-0065	SF	Single Tee With 16" Roof Loading, 45' Span, Pretensioned Prestressed Concrete	52.36	
03 41 33 00-0066	SF	Single Tee With 16" Floor Loading, 30' Span, Pretensioned Prestressed Concrete	57.20	
03 41 33 00-0067	SF	Single Tee With 16" Floor Loading, 40' Span, Pretensioned Prestressed Concrete	53.64	
03 41 33 00-0068		Double And Single Tees With 24" Roof And Floor Loading *(03 41 33 00-0056)*		
03 41 33 00-0069	SF	Double Tee With 24" Roof Loading, 30' Span, Pretensioned Prestressed Concrete	38.55	
03 41 33 00-0070	SF	Double Tee With 24" Roof Loading, 40' Span, Pretensioned Prestressed Concrete	37.66	
03 41 33 00-0071	SF	Double Tee With 24" Roof Loading, 45' Span, Pretensioned Prestressed Concrete	36.38	
03 41 33 00-0072	SF	Double Tee With 24" Floor Loading, 30' Span, Pretensioned Prestressed Concrete	38.55	
03 41 33 00-0073	SF	Double Tee With 24" Floor Loading, 40' Span, Pretensioned Prestressed Concrete	37.28	
03 41 33 00-0074	SF	Single Tee With 24" Roof Loading, 30' Span, Pretensioned Prestressed Concrete	58.72	
03 41 33 00-0075	SF	Single Tee With 24" Roof Loading, 40' Span, Pretensioned Prestressed Concrete	57.45	
03 41 33 00-0076	SF	Single Tee With 24" Roof Loading, 45' Span, Pretensioned Prestressed Concrete	55.41	
03 41 33 00-0077	SF	Single Tee With 24" Floor Loading, 30' Span, Pretensioned Prestressed Concrete	58.72	
03 41 33 00-0078	SF	Single Tee With 24" Floor Loading, 40' Span, Pretensioned Prestressed Concrete	57.07	
03 41 33 00-0079		Double And Single Tees With 32" Roof And Floor Loading *(03 41 33 00-0056)*		
03 41 33 00-0080	SF	Double Tee With 32" Roof Load, 50' Span, Pretensioned Prestressed Concrete	40.63	
03 41 33 00-0081	SF	Double Tee With 32" Roof Load, 60' Span, Pretensioned Prestressed Concrete	39.35	
03 41 33 00-0082	SF	Double Tee With 32" Roof Load, 70' Span, Pretensioned Prestressed Concrete	38.05	
03 41 33 00-0083	SF	Single Tee With 32" Roof Load, 50' Span, Pretensioned Prestressed Concrete	62.31	
03 41 33 00-0084	SF	Single Tee With 32" Roof Load, 60' Span, Pretensioned Prestressed Concrete	60.27	
03 41 33 00-0085	SF	Single Tee With 32" Roof Load, 70' Span, Pretensioned Prestressed Concrete	57.84	

03 48 Precast Concrete Specialties *(03 40)*

03 48 16 Precast Concrete Splash Blocks *(03 48)*

03 48 16 00-0001		Precast Concrete Splash Blocks *(03 48 16)*		
03 48 16 00-0002	EA	Precast Concrete Splash Blocks, 20" x 12" x 3"	41.24	4.76

03 48 21 Precast Concrete Handrails *(03 48)*

03 48 21 00-0001		Installation Cost *(03 48 21)*		
		Note: Includes handling, hoisting into place, alignment, and permanent connections. Excludes grouting.		
03 48 21 00-0002	EA	Install Precast Handrails, 0-2 Ton/Handrail	188.68	84.94
03 48 21 00-0003	EA	Install Precast Handrails, Over 2 Ton/Handrail	226.28	101.80
03 48 21 00-0004		Material Cost *(03 48 21)*		
		Note: Includes 3000 PSI concrete, imbedded items, formwork and precast operations.		
03 48 21 00-0005	CY	4" Thick 3,000 PSI Concrete Precast Concrete Handrail	3,339.77	
		For 3,500 PSI Concrete, Add	*217.92*	
		For 4,000 PSI Concrete, Add	*409.46*	
		For 4,500 PSI Concrete, Add	*601.83*	
		For 5,000 PSI Concrete, Add	*818.74*	
03 48 21 00-0006	CY	5" Thick 3,000 PSI Concrete Precast Concrete Handrail	3,466.59	
		For 3,500 PSI Concrete, Add	*226.20*	
		For 4,000 PSI Concrete, Add	*425.00*	
		For 4,500 PSI Concrete, Add	*624.68*	
		For 5,000 PSI Concrete, Add	*849.83*	
03 48 21 00-0007	CY	6" Thick 3,000 PSI Concrete Precast Concrete Handrail	3,593.42	
		For 3,500 PSI Concrete, Add	*234.47*	
		For 4,000 PSI Concrete, Add	*440.55*	
		For 4,500 PSI Concrete, Add	*647.53*	
		For 5,000 PSI Concrete, Add	*880.93*	
03 48 21 00-0008	CY	8" Thick 3,000 PSI Concrete Precast Concrete Handrail	3,762.52	
		For 3,500 PSI Concrete, Add	*245.50*	
		For 4,000 PSI Concrete, Add	*461.28*	
		For 4,500 PSI Concrete, Add	*678.01*	
		For 5,000 PSI Concrete, Add	*922.38*	

03 48 22 Precast Concrete Sun Screen and Trellis *(03 48)*

03 48 22 00-0001		Sun Screen Blades *(03 48 22)*		
03 48 22 00-0002		Installation Cost *(03 48 22 00-0001)*		
		Note: Includes handling, hoisting into place, alignment, bracing, and permanent connections.		
03 48 22 00-0003	EA	Install Precast Sun Screen Blade, 0-1 Ton/Each	94.34	42.47
03 48 22 00-0004	EA	Install Precast Sun Screen Blade, 1-2 Ton/Each	113.34	50.96
03 48 22 00-0005	EA	Install Precast Sun Screen Blade, 2-3 Ton/Each	141.61	63.77
03 48 22 00-0006		Material Cost *(03 48 22 00-0001)*		
		Note: Includes 3000 PSI concrete, imbedded items, formwork and precast concrete operations.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 48 22 00-0007	CY	4" Thick 3,000 PSI Concrete Precast Sun Screen Blades	3,551.14	
		For 3,500 PSI Concrete, Add	*231.71*	
		For 4,000 PSI Concrete, Add	*435.37*	
		For 4,500 PSI Concrete, Add	*639.92*	
		For 5,000 PSI Concrete, Add	*870.56*	
03 48 22 00-0008	CY	5" Thick 3,000 PSI Concrete Precast Sun Screen Blades	3,677.97	
		For 3,500 PSI Concrete, Add	*239.99*	
		For 4,000 PSI Concrete, Add	*450.92*	
		For 4,500 PSI Concrete, Add	*662.77*	
		For 5,000 PSI Concrete, Add	*901.65*	
03 48 22 00-0009	CY	6" Thick 3,000 PSI Concrete Precast Sun Screen Blades	3,847.07	
		For 3,500 PSI Concrete, Add	*251.02*	
		For 4,000 PSI Concrete, Add	*471.65*	
		For 4,500 PSI Concrete, Add	*693.24*	
		For 5,000 PSI Concrete, Add	*943.11*	
03 48 22 00-0010	CY	8" Thick 3,000 PSI Concrete Precast Sun Screen Blades	4,016.17	
		For 3,500 PSI Concrete, Add	*262.06*	
		For 4,000 PSI Concrete, Add	*492.38*	
		For 4,500 PSI Concrete, Add	*723.71*	
		For 5,000 PSI Concrete, Add	*984.56*	
03 48 22 00-0011		Sun Screen/Trellis Units *(03 48 22)*		
03 48 22 00-0012		Installation Cost Using A 50 Ton Hydraulic Crane *(03 48 22 00-0011)*		
		Note: Includes handling, hoisting into place, alignment, bracing and permanent to connections.		
03 48 22 00-0013	EA	Install Precast Trellis, 0-1 Tons/Unit 100' Maximum Radius With 50 Ton Crane	427.14	192.19
03 48 22 00-0014	EA	Install Precast Trellis, 1-3 Tons/Unit 65' Maximum Radius With 50 Ton Crane	477.78	215.07
03 48 22 00-0015	EA	Install Precast Trellis, 3-5 Tons/Unit 50' Maximum Radius With 50 Ton Crane	542.04	243.89
03 48 22 00-0016	EA	Install Precast Trellis, 5-7 Tons/Unit 40' Maximum Radius With 50 Ton Crane	579.31	260.69
03 48 22 00-0017		Material Cost *(03 48 22 00-0011)*		
		Note: Includes 3000 PSI concrete, imbedded items, formwork and precast concrete operations.		
03 48 22 00-0018	CY	4" Thick 3,000 PSI Concrete Precast Trellises Blades	4,100.73	
		For 3,500 PSI Concrete, Add	*267.57*	
		For 4,000 PSI Concrete, Add	*502.75*	
		For 4,500 PSI Concrete, Add	*738.95*	
		For 5,000 PSI Concrete, Add	*1,005.29*	
03 48 22 00-0019	CY	5" Thick 3,000 PSI Concrete Precast Trellises Blades	4,227.55	
		For 3,500 PSI Concrete, Add	*275.85*	
		For 4,000 PSI Concrete, Add	*518.30*	
		For 4,500 PSI Concrete, Add	*761.80*	
		For 5,000 PSI Concrete, Add	*1,036.38*	
03 48 22 00-0020	CY	6" Thick 3,000 PSI Concrete Precast Trellises Blades	4,396.65	
		For 3,500 PSI Concrete, Add	*286.88*	
		For 4,000 PSI Concrete, Add	*539.03*	
		For 4,500 PSI Concrete, Add	*792.28*	
		For 5,000 PSI Concrete, Add	*1,077.84*	
03 48 22 00-0021	CY	8" Thick 3,000 PSI Concrete Precast Trellises Blades	4,608.03	
		For 3,500 PSI Concrete, Add	*300.67*	
		For 4,000 PSI Concrete, Add	*564.94*	
		For 4,500 PSI Concrete, Add	*830.37*	
		For 5,000 PSI Concrete, Add	*1,129.66*	
03 48 24		**Precast Minaret Segments** *(03 48)*		
03 48 24 00-0001		Installation Costs Using A 50 Ton Hydraulic Crane *(03 48 24)*		
		Note: Includes handling, hoisting into place, alignment, bracing and permanent connections.		
03 48 24 00-0002		L - Shaped Segments *(03 48 24 00-0001)*		
03 48 24 00-0003	EA	Install Minaret, L-Shape Segment, 0-1 Ton/Each 100' Maximum Radius With 50 Ton Crane	415.65	332.52
03 48 24 00-0004	EA	Install Minaret, L-Shape Segment, 1-3 Ton/Each 65' Maximum Radius With 50 Ton Crane	465.77	372.64
03 48 24 00-0005	EA	Install Minaret, L-Shape Segment, 3-5 Ton/Each 50' Maximum Radius With 50 Ton Crane	526.65	421.31
03 48 24 00-0006	EA	Install Minaret, L-Shape Segment, 5-7 Ton/Each 40' Maximum Radius With 50 Ton Crane	561.76	449.40
03 48 24 00-0007		O - Shaped Segments *(03 48 24 00-0001)*		
03 48 24 00-0008	EA	Install Minaret, O-Shape Segment, 0-1 Ton/Each 100' Maximum Radius With 50 Ton Crane	439.29	351.50
03 48 24 00-0009	EA	Install Minaret, O-Shape Segment, 1-3 Ton/Each 65' Maximum Radius With 50 Ton Crane	493.04	394.36
03 48 24 00-0010	EA	Install Minaret, O-Shape Segment, 3-5 Ton/Each 50' Maximum Radius With 50 Ton Crane	558.37	446.65
03 48 24 00-0011	EA	Install Minaret, O-Shape Segment, 5-7 Ton/Each 40' Maximum Radius With 50 Ton Crane	598.00	478.37
03 48 24 00-0012		Platform Segment *(03 48 24 00-0001)*		
03 48 24 00-0013	EA	Install Minaret, Platform Segments, 0-1 Ton/Each 100' Maximum Radius With 50 Ton Crane	842.63	674.18
03 48 24 00-0014	EA	Install Minaret, Platform Segments, 1-3 Ton/Each 65' Maximum Radius With 50 Ton Crane	1,018.57	814.80
03 48 24 00-0015	EA	Install Minaret, Platform Segments, 3-5 Ton/Each 50' Maximum Radius With 50 Ton Crane	1,130.36	904.31
03 48 24 00-0016	EA	Install Minaret, Platform Segments, 5-7 Ton/Each 40' Maximum Radius With 50 Ton Crane	1,269.73	1,015.82
03 48 24 00-0017		Cap Segment *(03 48 24 00-0001)*		
03 48 24 00-0018	EA	Install Minaret, Cap Segments, 0-1 Ton/Each 100' Maximum Radius With 50 Ton Crane	461.15	368.87

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 48 24 00-0019	EA	Install Minaret, Cap Segments, 1-3 Ton/Each 65' Maximum Radius With 50 Ton Crane	514.94	411.89
03 48 24 00-0020	EA	Install Minaret, Cap Segments, 3-5 Ton/Each 50' Maximum Radius With 50 Ton Crane	586.65	469.25
03 48 24 00-0021	EA	Install Minaret, Cap Segments, 5-7 Ton/Each 40' Maximum Radius With 50 Ton Crane	626.29	500.96
03 48 24 00-0022		Installation Costs Using A 90 Ton Crawler Crane *(03 48 24)*		
		Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting and caulking of joints.		
03 48 24 00-0023		L - Shaped Segments *(03 48 24 00-0022)*		
03 48 24 00-0024	EA	Install Minaret, L-Shaped Segments, 0-1 Ton/Each 180' Maximum Radius With 90 Ton Crane	421.78	337.43
03 48 24 00-0025	EA	Install Minaret, L-Shaped Segments, 1-3 Ton/Each 135' Maximum Radius With 90 Ton Crane	472.65	378.14
03 48 24 00-0026	EA	Install Minaret, L-Shaped Segments, 3-5 Ton/Each 100' Maximum Radius With 90 Ton Crane	534.42	427.52
03 48 24 00-0027	EA	Install Minaret, L-Shaped Segments, 5-7 Ton/Each 79' Maximum Radius With 90 Ton Crane	570.04	456.04
03 48 24 00-0028		O - Shaped Segment *(03 48 24 00-0022)*		
03 48 24 00-0029	EA	Install Minaret, O-Shaped Segments, 0-1 Ton/Each 180' Maximum Radius With 90 Ton Crane	445.77	356.68
03 48 24 00-0030	EA	Install Minaret, O-Shaped Segments, 1-3 Ton/Each 135' Maximum Radius With 90 Ton Crane	500.31	400.18
03 48 24 00-0031	EA	Install Minaret, O-Shaped Segments, 3-5 Ton/Each 100' Maximum Radius With 90 Ton Crane	566.61	453.24
03 48 24 00-0032	EA	Install Minaret, O-Shaped Segments, 5-7 Ton/Each 795' Maximum Radius With 90 Ton Crane	606.82	485.43
03 48 24 00-0033		Platform Segment *(03 48 24 00-0022)*		
03 48 24 00-0034	EA	Install Minaret, Platform Segment, 0-1 Ton/Each 180' Maximum Radius With 90 Ton Crane	681.58	545.24
03 48 24 00-0035	EA	Install Minaret, Platform Segment, 1-3 Ton/Each 135' Maximum Radius With 90 Ton Crane	825.06	660.02
03 48 24 00-0036	EA	Install Minaret, Platform Segment, 3-5 Ton/Each 100' Maximum Radius With 90 Ton Crane	913.18	730.56
03 48 24 00-0037	EA	Install Minaret, Platform Segment, 5-7 Ton/Each 79' Maximum Radius With 90 Ton Crane	1,033.60	826.82
03 48 24 00-0038		Cap Segment *(03 48 24 00-0022)*		
03 48 24 00-0039	EA	Install Minaret, Cap Segment, 0-1 Ton/Each 180' Maximum Radius With 90 Ton Crane	467.95	374.32
03 48 24 00-0040	EA	Install Minaret, Cap Segment, 1-3 Ton/Each 135' Maximum Radius With 90 Ton Crane	522.54	417.97
03 48 24 00-0041	EA	Install Minaret, Cap Segment, 3-5 Ton/Each 100' Maximum Radius With 90 Ton Crane	595.30	476.17
03 48 24 00-0042	EA	Install Minaret, Cap Segment, 5-7 Ton/Each 79' Maximum Radius With 90 Ton Crane	635.53	508.35
03 48 24 00-0043		Material Costs *(03 48 24)*		
		Note: Includes 3000 PSI concrete, imbedded items, formwork and precast concrete operations.		
03 48 24 00-0044	CY	Precast Concrete Minaret, L-Shaped Segments, 3,000 PSI Concrete Note: Including Post Tension Cost	10,145.56	
03 48 24 00-0045	CY	Precast Concrete Minaret, O-Shaped Segments, 3,000 PSI Concrete Note: Including Post Tension Cost	10,145.56	
03 48 24 00-0046	CY	Precast Concrete Minaret, Platform Segments, 3,000 PSI Concrete Note: Including Post Tension Cost	10,145.56	
03 48 24 00-0047	CY	Precast Concrete Minaret, Cap Segments, 3,000 PSI Concrete Note: Including Post Tension Cost	10,145.56	
03 48 29		**Precast Accessories** *(03 48)*		
		Note: Includes installation labor, material and equipment.		
03 48 29 00-0001		Bearing Pads For Precast Members *(03 48 29)*		
03 48 29 00-0002		Continuous 2" Wide Strips *(03 48 29 00-0001)*		
03 48 29 00-0003	LF	Bearing Pads, Continuous 2" Wide x 1/8" Thick Strips Note: For precast members	1.44	
03 48 29 00-0004	LF	Bearing Pads, Continuous 2" Wide x 1/4" Thick Strips Note: For precast members.	1.93	
03 48 29 00-0005	LF	Bearing Pads, Continuous 2" Wide x 1/2" Thick Strips Note: For precast members	3.02	
03 48 29 00-0006	LF	Bearing Pads, Continuous 2" Wide x 3/4" Thick Strips Note: For precast members	4.16	
03 48 29 00-0007	LF	Bearing Pads, Continuous 2" Wide x 1" Thick Strips Note: For precast members	5.33	
03 48 29 00-0008	LF	Bearing Pads, Continuous 2" Wide x 1-1/2" Thick Strips Note: For precast members	7.56	
03 48 29 00-0009		Bearing Pad Pipe Supports *(03 48 29)*		
03 48 29 00-0010	LF	4" x 4" Precast Pipe Support	10.38	
03 48 46		**Precast Skylight Shells** *(03 48)*		
03 48 46 00-0001		Installation Cost Using A 90 Ton Crawler Crane *(03 48 46)*		
		Note: Includes handling, hoisting into place, alignment, bracing and permanent connections.		
03 48 46 00-0002	EA	Install Precast Skylight Shell, 0-4 Tons/Each Based On 90 Ton Crawler Crane	612.42	275.63
03 48 46 00-0003	EA	Install Precast Skylight Shell, 4-6 Tons/Each Based On 90 Ton Crawler Crane	680.03	306.03
03 48 46 00-0004	EA	Install Precast Skylight Shell, 6-8 Tons/Each Based On 90 Ton Crawler Crane	764.41	343.99

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 48 46 00-0005		**Material Cost** *(03 48 46)* Note: Includes 3000 PSI concrete, imbedded items, formwork and precast concrete operations.		
03 48 46 00-0006	CY	3.5" Thick 3,000 PSI Concrete Precast Skylight With 4.4' Radius	4,244.58	
03 48 49		**Precast Landings** *(03 48)*		
03 48 49 00-0001	SF	3" Thick Precast Landing	108.15	
03 48 49 00-0002	SF	4" Thick Precast Landing	125.99	
03 48 49 00-0003	SF	5" Thick Precast Landing	143.29	
03 48 49 00-0004	SF	6" Thick Precast Landing	165.23	
03 48 51		**Precast Relocatable Steps and Ramps** *(03 48)*		
03 48 51 00-0001		**Relocatable Precast Steps And Ramps** *(03 48 51)* Note: Use only approved precast ramps and steps To be used for relocatable step installation. Includes factory new precast product, delivery of precast product to the construction site, erection cost including handling, hoisting into place, alignment, concrete pad/cap, bottom leveling landing, bracing, plastic shims for leveling, railings, permanent connections, grouting and caulking. Add child railings line items when requested. All landings are 5'-0" x 5'-0" standard size for all ramps and steps unless otherwise stated.		
03 48 51 00-0002		**Steps** *(03 48 51 00-0001)*		
03 48 51 00-0003	EA	Furnish And Install 21" Precast Steps, Landing (4'-0" x 5'-0") And Railing	6,339.59	
		For 6'-6" x 6'-6" Landing, Add	*2,555.64*	
03 48 51 00-0004	EA	Install (Only) Existing 21" Precast Steps, Landing (4'-0" x 5'-0") And Rails	2,971.73	
		For 6'-6" x 6'-6" Landing, Add	*1,040.11*	
03 48 51 00-0005	EA	Furnish And Install 28" Precast Steps, Landing (4'-0" x 5'-0") And Railings	6,969.07	
		For 6'-6" x 6'-6" Landing, Add	*2,819.89*	
03 48 51 00-0006	EA	Install (Only) Existing 28" Precast Steps, Landing (4'-0" x 5'-0") And Rails	3,161.92	
		For 6'-6" x 6'-6" Landing, Add	*1,106.67*	
03 48 51 00-0007	EA	Furnish And Install 28" Precast Steps, Landing (5'-0" x 5'-0") And Railings	8,160.36	
		For 6'-6" x 6'-6" Landing, Add	*3,324.70*	
03 48 51 00-0008	EA	Install (Only) Existing 28" Precast Steps, Landing (5'-0" x 5'-0") And Railings	3,474.64	
		For 6'-6" x 6'-6" Landing, Add	*1,216.12*	
03 48 51 00-0009	EA	Furnish And Install Child Rail On 21" Steps	590.78	
03 48 51 00-0010	EA	Furnish And Install Child Rail On 28" Steps	675.14	
03 48 51 00-0011	EA	Furnish And Install Child Rail On 35" Steps	570.56	
03 48 51 00-0012		**Ramps** *(03 48 51 00-0001)*		
03 48 51 00-0013	EA	Furnish And Install 21" Precast Ramp, Landing And Railings	10,154.04	
		For 6'-6" x 6'-6" Landing, Add	*4,213.25*	
03 48 51 00-0014	EA	Install (Only) Existing 21" Precast Ramp, Landing And Railings	3,560.72	
		For 6'-6" x 6'-6" Landing, Add	*1,246.25*	
03 48 51 00-0015	EA	Furnish And Install 26" Precast Ramp, Landing And Railings	10,708.43	
		For 6'-6" x 6'-6" Landing, Add	*4,439.67*	
03 48 51 00-0016	EA	Install (Only) Existing 26" Precast Ramp, Landing And Railings	3,791.28	
		For 6'-6" x 6'-6" Landing, Add	*1,326.95*	
03 48 51 00-0017	EA	Furnish And Install 30" Precast Ramp, Landing And Railings	12,263.93	
		For 6'-6" x 6'-6" Landing, Add	*5,108.13*	
03 48 51 00-0018	EA	Install (Only) Existing 30" Precast Ramp, Landing And Railings	4,127.83	
		For 6'-6" x 6'-6" Landing, Add	*1,444.74*	
03 48 51 00-0019	EA	Furnish And Install Child Rail On 21" Ramps	780.66	
03 48 51 00-0020	EA	Furnish And Install Child Rail On 26" Ramps	844.77	
03 48 51 00-0021	EA	Furnish And Install Child Rail On 30" Ramps	878.97	
03 48 51 00-0022	EA	Precast Filler 18" With Rails (Used With 6.5x6.5 Landing)	1,230.84	
03 48 51 00-0023	EA	Furnish And Install Precast Ramp, Landing And Railings. For Odd Shapes	151.51	
03 48 54		**Precast Concrete Blocks** *(03 48)*		
03 48 54 00-0001		**Precast Interlocking Concrete Blocks** *(03 48 54)* Note: Includes lifting loop		
03 48 54 00-0002	EA	2' x 2' x 2' Precast Interlocking Concrete (Ecology) Block	171.26	48.67
03 48 54 00-0003	EA	2' x 2' x 3' Precast Interlocking Concrete (Ecology) Block	204.07	54.75
03 48 54 00-0004	EA	2' x 2' x 4' Precast Interlocking Concrete (Ecology) Block	236.88	60.83
03 48 54 00-0005	EA	2' x 2' x 6' Precast Interlocking Concrete (Ecology) Block	320.11	66.92
03 48 54 00-0006	EA	2' x 2' x 8' Precast Interlocking Concrete (Ecology) Block	385.11	73.00

03 50 Cast Decks and Underlayment *(03)*

03 51 Cast Roof Decks *(03 50)*

03 51 13 Cementitious Wood Fiber Decks *(03 51)*

03 51 13 00-0001		**Cement Fiber Tongue And Groove Planks** *(03 51 13)*		
03 51 13 00-0002	SF	1" Thick Cementitious Fiber Tongue And Groove Planks, Cement Wood Fiber System	4.10	
03 51 13 00-0003	SF	1-1/2" Thick Cementitious Fiber Tongue And Groove Planks, Cement Wood Fiber System	4.26	
03 51 13 00-0004	SF	2" Thick Cementitious Fiber Tongue And Groove Planks, Cement Wood Fiber System	4.47	
03 51 13 00-0005	SF	2-1/2" Thick Cementitious Fiber Tongue And Groove Planks, Cement Wood Fiber System	5.08	
03 51 13 00-0006	SF	3" Thick Cementitious Fiber Tongue And Groove Planks, Cement Wood Fiber System	5.76	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	03 51 13 00-0007	SF	3-1/2" Thick Cementitious Fiber Tongue And Groove Planks, Cement Wood Fiber System	6.52	
	03 51 13 00-0008	SF	4" Thick Cementitious Fiber Tongue And Groove Planks, Cement Wood Fiber System	7.47	

03 51 16 Gypsum Concrete Roof Decks *(03 51)*

03 51 16 00-0001 Class A Gypsum Fill Concrete Deck *(03 51 16)*

	03 51 16 00-0002	SF	2" Thick Precast Gypsum Fill Concrete Deck, Class A	11.84	0.69
	03 51 16 00-0003	SF	2-1/2" Thick Precast Gypsum Fill Concrete Deck, Class A	14.66	0.81
	03 51 16 00-0004	SF	3" Thick Precast Gypsum Fill Concrete Deck, Class A	17.49	0.92
	03 51 16 00-0005	SF	3-1/2" Thick Precast Gypsum Fill Concrete Deck, Class A	20.36	1.04
	03 51 16 00-0006	SF	4" Thick Precast Gypsum Fill Concrete Deck, Class A	23.25	1.15

03 51 16 00-0007 Form Board For Lightweight Deck *(03 51 16)*

	03 51 16 00-0008	SF	Gypsum Deck Form Board, 1/2" Drywall For Lightweight Deck	2.25	
	03 51 16 00-0009	SF	Gypsum Deck Form Board, 1" Mineral Fiber Board For Lightweight Deck	2.89	
	03 51 16 00-0010	SF	Gypsum Deck Form Board, 1-1/2" Mineral Fiber Board For Lightweight Deck	5.63	
	03 51 16 00-0011	SF	Gypsum Deck Form Board, 1" Cementitious Fiber Board For Lightweight Deck	2.47	0.67
	03 51 16 00-0012	SF	Gypsum Deck Form Board, 1-1/2" Cementitious Fiber Board For Lightweight Deck	2.94	0.67
	03 51 16 00-0013	SF	Gypsum Deck Form Board, 1" Glass Fiber Board For Lightweight Deck	3.20	0.67
	03 51 16 00-0014	SF	Gypsum Deck Form Board, 1-1/2" Glass Fiber Board For Lightweight Deck	3.90	0.67

03 51 16 00-0015 Gypsum Plank *(03 51 16)*

	03 51 16 00-0016	SF	2" Thick, Insulating Concrete Gypsum Plank, Roof Deck	4.74	
	03 51 16 00-0017	SF	3" Thick, Insulating Concrete Gypsum Plank, Roof Deck	6.18	

03 53 Concrete Topping *(03 50)*

Note: Installed over new or existing concrete.

03 53 14 Granolithic Concrete Topping *(03 53)*

03 53 14 00-0001 Granolithic Topping Laid After *(03 53 14)*

Note: Using 1:1:1-1/2 mix.

	03 53 14 00-0002	SF	1/2" Thick Concrete Topping, Granolithic Laid After Finish, 1:1:1-1/2 Mix	5.40	
	03 53 14 00-0003	SF	1" Thick Concrete Topping, Granolithic Laid After Finish, 1:1:1-1/2 Mix	5.80	
	03 53 14 00-0004	SF	2" Thick Concrete Topping, Granolithic Laid After Finish, 1:1:1-1/2 Mix	7.23	

03 53 19 Concrete Overlayment *(03 53)*

03 53 19 00-0001 Integral Topping Including Hard Trowel Finish *(03 53 19)*

Note: Using 1:1:2 mix.

	03 53 19 00-0002	SF	3/16" Thick Hard Trowel Integral Concrete Topping, 1:1:2 Mix	3.21	
	03 53 19 00-0003	SF	1/2" Thick Hard Trowel Integral Concrete Topping, 1:1:2 Mix	3.58	
	03 53 19 00-0004	SF	3/4" Thick Hard Trowel Integral Concrete Topping, 1:1:2 Mix	4.17	
	03 53 19 00-0005	SF	1" Thick Hard Trowel Integral Concrete Topping, 1:1:2 Mix	4.91	
	03 53 19 00-0006	SF	2" Thick Hard Trowel Integral Concrete Topping, 1:1:2 Mix	6.93	
	03 53 19 00-0007	SF	2-1/2" Thick Hard Trowel Integral Concrete Topping, 1:1:2 Mix	5.85	
	03 53 19 00-0008	SF	3" Thick Hard Trowel Integral Concrete Topping, 1:1:2 Mix	6.52	

03 54 Cast Underlayment *(03 50)*

Note: Includes primer. Excludes sandblasting existing smooth finished concrete surface (where necessary).

03 54 16 Hydraulic Cement Underlayment *(03 54)*

03 54 16 00-0001 Self Leveling Cementitious Underlayment For Floors *(03 54 16)*

Note: Includes primer.

	03 54 16 00-0002	SF	1/8" Thick Self Leveling Cementitious Underlayment For Floors	1.93	
			Note: Including Surface Preparation		
			For Up To 100 SF, Add	*0.18*	
			For >100 To 250 SF, Add	*0.09*	
	03 54 16 00-0003	SF	1/4" Thick Self Leveling Cementitious Underlayment For Floors	3.28	
			Note: Including Surface Preparation		
			For Up To 100 SF, Add	*0.18*	
			For >100 To 250 SF, Add	*0.09*	
	03 54 16 00-0004	SF	3/8" Thick Self Leveling Cementitious Underlayment For Floors	4.19	
			Note: Including Surface Preparation		
			For Up To 100 SF, Add	*0.18*	
			For >100 To 250 SF, Add	*0.09*	
	03 54 16 00-0005	SF	1/2" Thick Self Leveling Cementitious Underlayment For Floors	5.99	
			Note: Including Surface Preparation		
			For Up To 100 SF, Add	*0.18*	
			For >100 To 250 SF, Add	*0.09*	
	03 54 16 00-0006	SF	5/8" Thick Self Leveling Cementitious Underlayment For Floors	7.07	
			Note: Including Surface Preparation		
			For Up To 100 SF, Add	*0.18*	
			For >100 To 250 SF, Add	*0.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 54 16 00-0007	SF	3/4" Thick Self Leveling Cementitious Underlayment For Floors Note: Including Surface Preparation	8.75	
		For Up To 100 SF, Add	*0.21*	
		For >100 To 250 SF, Add	*0.11*	
03 54 16 00-0008	SF	1" Thick Self Leveling Cementitious Underlayment For Floors Note: Including Surface Preparation	11.45	
		For Up To 100 SF, Add	*0.21*	
		For >100 To 250 SF, Add	*0.11*	
03 54 16 00-0009	SF	1-1/4" Thick Self Leveling Cementitious Underlayment For Floors Note: Including Surface Preparation	15.11	
		For Up To 100 SF, Add	*0.24*	
		For >100 To 250 SF, Add	*0.12*	
03 54 16 00-0010	SF	1-1/2" Thick Self Leveling Cementitious Underlayment For Floors Note: Including Surface Preparation	16.93	
		For Up To 100 SF, Add	*0.24*	
		For >100 To 250 SF, Add	*0.12*	
03 54 16 00-0011	SF	1-3/4" Thick Self Leveling Cementitious Underlayment For Floors Note: Including Surface Preparation	22.45	
		For Up To 100 SF, Add	*0.30*	
		For >100 To 250 SF, Add	*0.15*	

03 60 Grouting *(03)*

03 61 Cementitious Grouting *(03 60)*

Note: 1 part cement to 3 parts sand by volume.

03 61 16 Cementitious Flowable Grout *(03 61)*

03 61 16 00-0001 Cementitious Flowable Grout *(03 61 16)*

03 61 16 00-0002	CY	Cementitious Flowable Grout	548.74

03 62 Non-Shrink Grouting *(03 60)*

03 62 13 Non-Metallic Non-Shrink Grouting *(03 62)*

03 62 13 00-0001 Fluid Type, Non-Metallic Non-Shrink Grouting For Bases *(03 62 13)*

03 62 13 00-0002	SF	1" Deep, Fluid Type, Non-Metallic Non-Shrink Grout For Bases	32.44
03 62 13 00-0003	SF	2" Deep, Fluid Type, Non-Metallic Non-Shrink Grout For Bases	47.31

03 62 13 00-0004 Non-Metallic Non-Shrink Grouting For Bases *(03 62 13)*

03 62 13 00-0005	SF	1" Deep, Non-Metallic Non-Shrink Grout For Bases	49.37
03 62 13 00-0006	SF	2" Deep, Non-Metallic Non-Shrink Grout For Bases	78.22

03 62 13 00-0007 Non-Metallic Non-Shrink Grouting For Joints *(03 62 13)*

03 62 13 00-0008 1/2" Joint Thickness, Non-Metallic Non-Shrink Grout For Joints *(03 62 13 00-0007)*

03 62 13 00-0009	LF	4" Deep x 1/2" Thick, Non-Metallic Non-Shrink Grout For Joints	2.45
03 62 13 00-0010	LF	6" Deep x 1/2" Thick, Non-Metallic Non-Shrink Grout For Joints	3.19
03 62 13 00-0011	LF	8" Deep x 1/2" Thick, Non-Metallic Non-Shrink Grout For Joints	4.24

03 62 13 00-0012 1" Joint Thickness, Non-Metallic Non-Shrink Grout For Joints *(03 62 13 00-0007)*

03 62 13 00-0013	LF	4" Deep x 1" Thick, Non-Metallic Non-Shrink Grout For Joints	3.60
03 62 13 00-0014	LF	6" Deep x 1" Thick, Non-Metallic Non-Shrink Grout For Joints	4.78
03 62 13 00-0015	LF	8" Deep x 1" Thick, Non-Metallic Non-Shrink Grout For Joints	6.35

03 62 16 Metallic Non-Shrink Grouting *(03 62)*

03 62 16 00-0001 Metallic Non-Shrink Grouting For Bases *(03 62 16)*

03 62 16 00-0002	SF	1" Deep, Metallic Non-Shrink Grout For Bases	42.48
03 62 16 00-0003	SF	2" Deep, Metallic Non-Shrink Grout For Bases	64.88

03 62 16 00-0004 Metallic Non-Shrink Grouting For Joints *(03 62 16)*

03 62 16 00-0005 1/2" Joint Thickness, Metallic Non-Shrink Grout For Joints *(03 62 16 00-0004)*

03 62 16 00-0006	LF	4" Deep x 1/2" Thick, Metallic Non-Shrink Grout For Joints	2.02
03 62 16 00-0007	LF	6" Deep x 1/2" Thick, Metallic Non-Shrink Grout For Joints	2.54
03 62 16 00-0008	LF	8" Deep x 1/2" Thick, Metallic Non-Shrink Grout For Joints	3.40

03 62 16 00-0009 1" Joint Thickness, Metallic Non-Shrink Grout For Joints *(03 62 16 00-0004)*

03 62 16 00-0010	LF	4" Deep x 1" Thick, Metallic Non-Shrink Grout For Joints	2.76
03 62 16 00-0011	LF	6" Deep x 1" Thick, Metallic Non-Shrink Grout For Joints	3.48
03 62 16 00-0012	LF	8" Deep x 1" Thick, Metallic Non-Shrink Grout For Joints	4.64

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

03 63 Epoxy Grouting *(03 60)*

03 63 00 00-0001 Spray On Concrete Epoxy Grout *(03 63)*
Note: (Sika 224) per thickness per coat.

03 63 00 00-0002	SF	1/4" Thick Coat Spray On Concrete Epoxy Grout	4.36	
		For Color, Add	*1.10*	
03 63 00 00-0003	SF	3/8" Thick Coat Spray On Concrete Epoxy Grout	6.01	
		For Color, Add	*1.65*	
03 63 00 00-0004	SF	1/2" Thick Coat Spray On Concrete Epoxy Grout	7.68	
		For Color, Add	*2.20*	
03 63 00 00-0005	SF	5/8" Thick Coat Spray On Concrete Epoxy Grout	9.15	
		For Color, Add	*2.76*	
03 63 00 00-0006	SF	3/4" Thick Coat Spray On Concrete Epoxy Grout	10.66	
		For Color, Add	*3.31*	
03 63 00 00-0007	SF	1" Thick Coat Spray On Concrete Epoxy Grout	13.76	
		For Color, Add	*4.42*	

03 64 Injection Grouting *(03 60)*

Note: By volume of void filled. Includes injection ports.

03 64 23 Epoxy Injection Grouting *(03 64)*

03 64 23 00-0001 Pressure Injected Epoxy Grout *(03 64 23)*

03 64 23 00-0002	CF	Pressure Injected Epoxy Grout	1,342.41	
		For >4, Deduct	*-141.43*	

03 64 26 Cementitious Injection Grouting *(03 64)*

03 64 26 00-0001 Pressure Injected Cementitious Grout *(03 64 26)*

03 64 26 00-0002	CF	Pressure Injected Cementitious Grout	239.32	
		For >4, Deduct	*-60.68*	

03 80 Concrete Cutting and Boring *(03)*

03 81 Concrete Cutting *(03 80)*

03 81 13 Flat Concrete Sawing *(03 81)*

See CSI section 02 41 19 13-0051 for saw cutting.

03 81 16 Track Mounted Concrete Wall Sawing *(03 81)*

See CSI section 02 41 19 13-0051 for saw cutting.

03 82 Concrete Boring *(03 80)*

03 82 13 Concrete Core Drilling *(03 82)*

See CSI section 02 41 19 13-0074 for core drilling.

END OF SECTION 03

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

04 Masonry

04 01 Maintenance of Masonry *(04)*

04 01 20 Maintenance of Unit Masonry *(04 01)*

Note: For use on existing brick. Includes clean-up of debris. Excludes disposal.

04 01 20 41 Unit Masonry Stabilization *(04 01 20)*

04 01 20 41-0001 Masonry Repair (Helifix®) *(04 01 20 41)*

04 01 20 41-0002 Grouted Ties For Stabilizing Solid Masonry (Helifix® CemTie) *(04 01 20 41-0001)*

Note: Austenitic stainless steel. For stabilizing solid masonry. Includes drilling, cementitious grout and patching surface.

04 01 20 41-0003 304 Stainless Steel Helical Pin, Grouted Ties For Stabilizing Solid Masonry (Helifix® CemTie) *(04 01 20 41-0002)*

04 01 20 41-0004	EA	8mm Diameter, 350mm Length, 304 Stainless Steel Helical Pin, Grouted Tie For Stabilizing Solid Masonry (Helifix® CemTie)		23.01	
		For Up To 10, Add		*11.40*	
		For >10 To 50, Add		*5.70*	
04 01 20 41-0005	EA	8mm Diameter, 600mm Length, 304 Stainless Steel Helical Pin, Grouted Tie For Stabilizing Solid Masonry (Helifix® CemTie)		32.14	
		For Up To 10, Add		*11.40*	
		For >10 To 50, Add		*5.70*	
04 01 20 41-0006	EA	8mm Diameter, 900mm Length, 304 Stainless Steel Helical Pin, Grouted Tie For Stabilizing Solid Masonry (Helifix® CemTie)		42.05	
		For Up To 10, Add		*11.40*	
		For >10 To 50, Add		*5.70*	

04 01 20 41-0007 316 Stainless Steel Helical Pin, Grouted Ties For Stabilizing Solid Masonry (Helifix® CemTie) *(04 01 20 41-0002)*

04 01 20 41-0008	EA	8mm Diameter, 350mm Length, 316 Stainless Steel Helical Pin, Grouted Tie For Stabilizing Solid Masonry (Helifix® CemTie)		24.99	
		For Up To 10, Add		*11.40*	
		For >10 To 50, Add		*5.70*	
04 01 20 41-0009	EA	8mm Diameter, 600mm Length, 316 Stainless Steel Helical Pin, Grouted Tie For Stabilizing Solid Masonry (Helifix® CemTie)		35.65	
		For Up To 10, Add		*11.40*	
		For >10 To 50, Add		*5.70*	
04 01 20 41-0010	EA	8mm Diameter, 900mm Length, 316 Stainless Steel Helical Pin, Grouted Tie For Stabilizing Solid Masonry (Helifix® CemTie)		47.32	
		For Up To 10, Add		*11.40*	
		For >10 To 50, Add		*5.70*	

04 01 20 41-0011 Ties For Stitching Masonry Cracks (Helifix® Helibar) *(04 01 20 41-0001)*

Note: Austenitic stainless steel. For stabilizing cracked masonry. Includes removing horizontal mortar and re-pointing mortar bed. Includes cementitious grout. Excludes repairing vertical crack.

04 01 20 41-0012 304 Stainless Steel Helical Pin, Ties For Stitching Masonry Cracks (Helifix® Helibar) *(04 01 20 41-0011)*

04 01 20 41-0013	EA	4.5mm Diameter, 1m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)		64.65	
		For Up To 10, Add		*45.61*	
		For >10 To 50, Add		*22.81*	
04 01 20 41-0014	EA	4.5mm Diameter, 1.2m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)		69.84	
		For Up To 10, Add		*45.61*	
		For >10 To 50, Add		*22.81*	
04 01 20 41-0015	EA	4.5mm Diameter, 7m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)		190.14	
		For Up To 10, Add		*45.61*	
		For >10 To 50, Add		*22.81*	
04 01 20 41-0016	EA	6mm Diameter, 1m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)		64.65	
		For Up To 10, Add		*45.61*	
		For >10 To 50, Add		*22.81*	
04 01 20 41-0017	EA	6mm Diameter, 1.2m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)		69.84	
		For Up To 10, Add		*45.61*	
		For >10 To 50, Add		*22.81*	
04 01 20 41-0018	EA	6mm Diameter, 1.5m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)		75.74	
		For Up To 10, Add		*45.61*	
		For >10 To 50, Add		*22.81*	
04 01 20 41-0019	EA	6mm Diameter, 2m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)		86.82	
		For Up To 10, Add		*45.61*	
		For >10 To 50, Add		*22.81*	
04 01 20 41-0020	EA	6mm Diameter, 7m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)		190.14	
		For Up To 10, Add		*45.61*	
		For >10 To 50, Add		*22.81*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 01 20 41-0021		316 Stainless Steel Helical Pin, Ties For Stitching Masonry Cracks (Helifix® Helibar) *(04 01 20 41-0011)*		
04 01 20 41-0022	EA	4.5mm Diameter, 1m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	67.48	
		For Up To 10, Add	*45.61*	
		For >10 To 50, Add	*22.81*	
04 01 20 41-0023	EA	4.5mm Diameter, 1.2m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	73.60	
		For Up To 10, Add	*45.61*	
		For >10 To 50, Add	*22.81*	
04 01 20 41-0024	EA	4.5mm Diameter, 7m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	213.66	
		For Up To 10, Add	*45.61*	
		For >10 To 50, Add	*22.81*	
04 01 20 41-0025	EA	6mm Diameter, 1m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	67.48	
		For Up To 10, Add	*45.61*	
		For >10 To 50, Add	*22.81*	
04 01 20 41-0026	EA	6mm Diameter, 1.2m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	73.60	
		For Up To 10, Add	*45.61*	
		For >10 To 50, Add	*22.81*	
04 01 20 41-0027	EA	6mm Diameter, 1.5m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	80.44	
		For Up To 10, Add	*45.61*	
		For >10 To 50, Add	*22.81*	
04 01 20 41-0028	EA	6mm Diameter, 2m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	93.41	
		For Up To 10, Add	*45.61*	
		For >10 To 50, Add	*22.81*	
04 01 20 41-0029	EA	6mm Diameter, 7m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	213.66	
		For Up To 10, Add	*45.61*	
		For >10 To 50, Add	*22.81*	
04 01 20 41-0030		Mechanical Repair Anchors (Helifix® TorkFix) *(04 01 20 41-0001)*		
		Note: Austenitic stainless steel. For stabilizing masonry veneer walls to inner wythes of brick, concrete block, wood studs or steel studs. Includes drilling and patching surface.		
04 01 20 41-0031		304 Stainless Steel, Mechanical Repair Anchors (Helifix® TorkFix) *(04 01 20 41-0030)*		
04 01 20 41-0032	EA	4-1/2" Length, Brick To Brick/Concrete Block, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	11.85	
		For Up To 10, Add	*6.84*	
		For >10 To 50, Add	*3.42*	
04 01 20 41-0033	EA	5-1/2" Length, Brick To Brick/Concrete Block, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	12.78	
		For Up To 10, Add	*6.84*	
		For >10 To 50, Add	*3.42*	
04 01 20 41-0034	EA	6-1/2" Length, Brick To Brick/Concrete Block, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	13.71	
		For Up To 10, Add	*6.84*	
		For >10 To 50, Add	*3.42*	
04 01 20 41-0035	EA	7-1/2" Length, Brick To Brick/Concrete Block, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	14.64	
		For Up To 10, Add	*6.84*	
		For >10 To 50, Add	*3.42*	
04 01 20 41-0036	EA	8-1/2" Length, Brick To Brick/Concrete Block, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	15.57	
		For Up To 10, Add	*6.84*	
		For >10 To 50, Add	*3.42*	
04 01 20 41-0037	EA	9-1/2" Length, Brick To Brick/Concrete Block, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	16.49	
		For Up To 10, Add	*6.84*	
		For >10 To 50, Add	*3.42*	
04 01 20 41-0038	EA	4-1/2" Length, Brick To Wood Frame/Steel Stud, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	11.85	
		For Up To 10, Add	*6.84*	
		For >10 To 50, Add	*3.42*	
04 01 20 41-0039	EA	5-1/2" Length, Brick To Wood Frame/Steel Stud, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	12.78	
		For Up To 10, Add	*6.84*	
		For >10 To 50, Add	*3.42*	
04 01 20 41-0040	EA	6-1/2" Length, Brick To Wood Frame/Steel Stud, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	13.71	
		For Up To 10, Add	*6.84*	
		For >10 To 50, Add	*3.42*	
04 01 20 41-0041	EA	7-1/2" Length, Brick To Wood Frame/Steel Stud, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	14.64	
		For Up To 10, Add	*6.84*	
		For >10 To 50, Add	*3.42*	
04 01 20 41-0042	EA	8-1/2" Length, Brick To Wood Frame/Steel Stud, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	15.57	
		For Up To 10, Add	*6.84*	
		For >10 To 50, Add	*3.42*	
04 01 20 41-0043	EA	10-1/2" Length, Brick To Wood Frame/Steel Stud, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	17.42	
		For Up To 10, Add	*6.84*	
		For >10 To 50, Add	*3.42*	
04 01 20 41-0044	EA	4-1/2" Length, 304 Stainless Steel, Veneer Panel Anchor (Helifix® TorkFix)	11.85	
		For Up To 10, Add	*6.84*	
		For >10 To 50, Add	*3.42*	
04 01 20 41-0045	EA	6-1/2" Length, 304 Stainless Steel, Veneer Panel Anchor (Helifix® TorkFix)	13.71	
		For Up To 10, Add	*6.84*	
		For >10 To 50, Add	*3.42*	
04 01 20 41-0046	EA	8" Length, 304 Stainless Steel, Veneer Panel Anchor (Helifix® TorkFix)	15.10	
		For Up To 10, Add	*6.84*	
		For >10 To 50, Add	*3.42*	

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 01 20 41-0047		316 Stainless Steel, Mechanical Repair Anchors (Helifix® TorkFix) *(04 01 20 41-0030)*			
04 01 20 41-0048	EA	4-1/2" Length, Brick To Brick/Concrete Block, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)		11.85	
		For Up To 10, Add		*6.84*	
		For >10 To 50, Add		*3.42*	
04 01 20 41-0049	EA	5-1/2" Length, Brick To Brick/Concrete Block, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)		12.78	
		For Up To 10, Add		*6.84*	
		For >10 To 50, Add		*3.42*	
04 01 20 41-0050	EA	6-1/2" Length, Brick To Brick/Concrete Block, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)		13.71	
		For Up To 10, Add		*6.84*	
		For >10 To 50, Add		*3.42*	
04 01 20 41-0051	EA	7-1/2" Length, Brick To Brick/Concrete Block, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)		14.64	
		For Up To 10, Add		*6.84*	
		For >10 To 50, Add		*3.42*	
04 01 20 41-0052	EA	8-1/2" Length, Brick To Brick/Concrete Block, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)		15.57	
		For Up To 10, Add		*6.84*	
		For >10 To 50, Add		*3.42*	
04 01 20 41-0053	EA	9-1/2" Length, Brick To Brick/Concrete Block, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)		16.49	
		For Up To 10, Add		*6.84*	
		For >10 To 50, Add		*3.42*	
04 01 20 41-0054	EA	4-1/2" Length, Brick To Wood Frame/Steel Stud, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)		11.85	
		For Up To 10, Add		*6.84*	
		For >10 To 50, Add		*3.42*	
04 01 20 41-0055	EA	5-1/2" Length, Brick To Wood Frame/Steel Stud, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)		12.78	
		For Up To 10, Add		*6.84*	
		For >10 To 50, Add		*3.42*	
04 01 20 41-0056	EA	6-1/2" Length, Brick To Wood Frame/Steel Stud, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)		13.71	
		For Up To 10, Add		*6.84*	
		For >10 To 50, Add		*3.42*	
04 01 20 41-0057	EA	7-1/2" Length, Brick To Wood Frame/Steel Stud, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)		14.64	
		For Up To 10, Add		*6.84*	
		For >10 To 50, Add		*3.42*	
04 01 20 41-0058	EA	8-1/2" Length, Brick To Wood Frame/Steel Stud, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)		15.57	
		For Up To 10, Add		*6.84*	
		For >10 To 50, Add		*3.42*	
04 01 20 41-0059	EA	10-1/2" Length, Brick To Wood Frame/Steel Stud, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)		17.42	
		For Up To 10, Add		*6.84*	
		For >10 To 50, Add		*3.42*	
04 01 20 41-0060	EA	4-1/2" Length, 316 Stainless Steel, Veneer Panel Anchor (Helifix® TorkFix)		11.85	
		For Up To 10, Add		*6.84*	
		For >10 To 50, Add		*3.42*	
04 01 20 41-0061	EA	6-1/2" Length, 316 Stainless Steel, Veneer Panel Anchor (Helifix® TorkFix)		13.71	
		For Up To 10, Add		*6.84*	
		For >10 To 50, Add		*3.42*	
04 01 20 41-0062	EA	8" Length, 316 Stainless Steel, Veneer Panel Anchor (Helifix® TorkFix)		15.10	
		For Up To 10, Add		*6.84*	
		For >10 To 50, Add		*3.42*	
04 01 20 41-0063		Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®) *(04 01 20 41-0001)*			
		Note: Austenitic stainless steel. For pinning stucco, terracotta, granite, marble, etc., to concrete block, brick or solid concrete. Includes drilling and patching surface.			
04 01 20 41-0064		304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®) *(04 01 20 41-0063)*			
04 01 20 41-0065	EA	8mm Diameter, 115mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)		9.66	
		For Up To 10, Add		*6.84*	
		For >10 To 50, Add		*3.42*	
		For Metal Stud Clip, Add		*2.59*	
04 01 20 41-0066	EA	8mm Diameter, 155mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)		10.00	
		For Up To 10, Add		*6.84*	
		For >10 To 50, Add		*3.42*	
		For Metal Stud Clip, Add		*2.59*	
04 01 20 41-0067	EA	8mm Diameter, 170mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)		10.06	
		For Up To 10, Add		*6.84*	
		For >10 To 50, Add		*3.42*	
		For Metal Stud Clip, Add		*2.59*	
04 01 20 41-0068	EA	8mm Diameter, 195mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)		10.20	
		For Up To 10, Add		*6.84*	
		For >10 To 50, Add		*3.42*	
		For Metal Stud Clip, Add		*2.59*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 01 20 41-0069	EA	8mm Diameter, 220mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	10.44	
		For Up To 10, Add	*6.84*	
		For >10 To 50, Add	*3.42*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0070	EA	8mm Diameter, 245mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	10.65	
		For Up To 10, Add	*6.84*	
		For >10 To 50, Add	*3.42*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0071	EA	8mm Diameter, 270mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	10.75	
		For Up To 10, Add	*6.84*	
		For >10 To 50, Add	*3.42*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0072	EA	8mm Diameter, 295mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	10.88	
		For Up To 10, Add	*6.84*	
		For >10 To 50, Add	*3.42*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0073	EA	8mm Diameter, 325mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	11.47	
		For Up To 10, Add	*6.84*	
		For >10 To 50, Add	*3.42*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0074	EA	8mm Diameter, 350mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	11.56	
		For Up To 10, Add	*6.84*	
		For >10 To 50, Add	*3.42*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0075	EA	8mm Diameter, 400mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	12.27	
		For Up To 10, Add	*6.84*	
		For >10 To 50, Add	*3.42*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0076	EA	8mm Diameter, 450mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	12.88	
		For Up To 10, Add	*6.84*	
		For >10 To 50, Add	*3.42*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0077	EA	8mm Diameter, 500mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	13.40	
		For Up To 10, Add	*6.84*	
		For >10 To 50, Add	*3.42*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0078	EA	8mm Diameter, 550mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	15.22	
		For Up To 10, Add	*6.84*	
		For >10 To 50, Add	*3.42*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0079	EA	8mm Diameter, 600mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	16.84	
		For Up To 10, Add	*6.84*	
		For >10 To 50, Add	*3.42*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0080	EA	8mm Diameter, 700mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	19.00	
		For Up To 10, Add	*6.84*	
		For >10 To 50, Add	*3.42*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0081	EA	10mm Diameter, 125mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	9.78	
		For Up To 10, Add	*6.84*	
		For >10 To 50, Add	*3.42*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0082	EA	10mm Diameter, 155mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	10.14	
		For Up To 10, Add	*6.84*	
		For >10 To 50, Add	*3.42*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0083	EA	10mm Diameter, 170mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	10.46	
		For Up To 10, Add	*6.84*	
		For >10 To 50, Add	*3.42*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0084	EA	10mm Diameter, 195mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	10.75	
		For Up To 10, Add	*6.84*	
		For >10 To 50, Add	*3.42*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0085	EA	10mm Diameter, 220mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	10.94	
		For Up To 10, Add	*6.84*	
		For >10 To 50, Add	*3.42*	
		For Metal Stud Clip, Add	*2.59*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 01 20 41-0086	EA	10mm Diameter, 245mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	11.07	
		For Up To 10, Add	*6.84*	
		For >10 To 50, Add	*3.42*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0087	EA	10mm Diameter, 270mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	11.28	
		For Up To 10, Add	*6.84*	
		For >10 To 50, Add	*3.42*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0088	EA	10mm Diameter, 300mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	11.37	
		For Up To 10, Add	*6.84*	
		For >10 To 50, Add	*3.42*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0089	EA	10mm Diameter, 350mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	11.79	
		For Up To 10, Add	*6.84*	
		For >10 To 50, Add	*3.42*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0090	EA	10mm Diameter, 400mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	12.39	
		For Up To 10, Add	*6.84*	
		For >10 To 50, Add	*3.42*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0091	EA	10mm Diameter, 450mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	12.89	
		For Up To 10, Add	*6.84*	
		For >10 To 50, Add	*3.42*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0092	EA	10mm Diameter, 500mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	13.53	
		For Up To 10, Add	*6.84*	
		For >10 To 50, Add	*3.42*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0093	EA	10mm Diameter, 550mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	16.95	
		For Up To 10, Add	*6.84*	
		For >10 To 50, Add	*3.42*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0094	EA	10mm Diameter, 600mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	18.86	
		For Up To 10, Add	*6.84*	
		For >10 To 50, Add	*3.42*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0095	EA	10mm Diameter, 700mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	21.83	
		For Up To 10, Add	*6.84*	
		For >10 To 50, Add	*3.42*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0096	EA	8mm Tapered To 6.5mm Diameter, 155mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	10.56	
		For Up To 10, Add	*6.84*	
		For >10 To 50, Add	*3.42*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0097	EA	8mm Tapered To 6.5mm Diameter, 170mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	10.77	
		For Up To 10, Add	*6.84*	
		For >10 To 50, Add	*3.42*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0098	EA	8mm Tapered To 6.5mm Diameter, 185mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	10.91	
		For Up To 10, Add	*6.84*	
		For >10 To 50, Add	*3.42*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0099	EA	8mm Tapered To 6.5mm Diameter, 195mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	11.01	
		For Up To 10, Add	*6.84*	
		For >10 To 50, Add	*3.42*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0100	EA	8mm Tapered To 6.5mm Diameter, 220mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	11.31	
		For Up To 10, Add	*6.84*	
		For >10 To 50, Add	*3.42*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0101	EA	8mm Tapered To 6.5mm Diameter, 245mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	11.78	
		For Up To 10, Add	*6.84*	
		For >10 To 50, Add	*3.42*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0102	EA	8mm Tapered To 6.5mm Diameter, 270mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	11.96	
		For Up To 10, Add	*6.84*	
		For >10 To 50, Add	*3.42*	
		For Metal Stud Clip, Add	*2.59*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 01 20 41-0103	EA	8mm Tapered To 6.5mm Diameter, 295mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	12.43	
		For Up To 10, Add	*6.84*	
		For >10 To 50, Add	*3.42*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0104	EA	10mm Tapered To 8mm Diameter, 155mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	11.11	
		For Up To 10, Add	*6.84*	
		For >10 To 50, Add	*3.42*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0105	EA	10mm Tapered To 8mm Diameter, 170mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	11.52	
		For Up To 10, Add	*6.84*	
		For >10 To 50, Add	*3.42*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0106	EA	10mm Tapered To 8mm Diameter, 195mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	11.81	
		For Up To 10, Add	*6.84*	
		For >10 To 50, Add	*3.42*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0107	EA	10mm Tapered To 8mm Diameter, 220mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	11.99	
		For Up To 10, Add	*6.84*	
		For >10 To 50, Add	*3.42*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0108	EA	10mm Tapered To 8mm Diameter, 245mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	12.12	
		For Up To 10, Add	*6.84*	
		For >10 To 50, Add	*3.42*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0109	EA	10mm Tapered To 8mm Diameter, 300mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	12.43	
		For Up To 10, Add	*6.84*	
		For >10 To 50, Add	*3.42*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0110	EA	304 Stainless Steel, Seismic Connector (Helifix® DryFix®)	5.10	
		Note: For installation over the DryFix® helical pin. Excludes removal of grout from the horizontal mortar joint and installation of Helibar or 9 gauge continuous wire.		
		For Up To 10, Add	*3.42*	
		For >10 To 50, Add	*1.71*	

04 01 20 41-0111 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®) *(04 01 20 41-0063)*

04 01 20 41-0112	EA	8mm Diameter, 115mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	10.19	
		For Up To 10, Add	*6.84*	
		For >10 To 50, Add	*3.42*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0113	EA	8mm Diameter, 155mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	10.61	
		For Up To 10, Add	*6.84*	
		For >10 To 50, Add	*3.42*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0114	EA	8mm Diameter, 170mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	10.69	
		For Up To 10, Add	*6.84*	
		For >10 To 50, Add	*3.42*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0115	EA	8mm Diameter, 195mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	10.86	
		For Up To 10, Add	*6.84*	
		For >10 To 50, Add	*3.42*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0116	EA	8mm Diameter, 220mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	11.17	
		For Up To 10, Add	*6.84*	
		For >10 To 50, Add	*3.42*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0117	EA	8mm Diameter, 245mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	11.42	
		For Up To 10, Add	*6.84*	
		For >10 To 50, Add	*3.42*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0118	EA	8mm Diameter, 270mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	11.55	
		For Up To 10, Add	*6.84*	
		For >10 To 50, Add	*3.42*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0119	EA	8mm Diameter, 295mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	11.72	
		For Up To 10, Add	*6.84*	
		For >10 To 50, Add	*3.42*	
		For Metal Stud Clip, Add	*2.59*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 01 20 41-0120	EA	8mm Diameter, 325mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	12.33	
		For Up To 10, Add	*6.84*	
		For >10 To 50, Add	*3.42*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0121	EA	8mm Diameter, 350mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	12.44	
		For Up To 10, Add	*6.84*	
		For >10 To 50, Add	*3.42*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0122	EA	8mm Diameter, 400mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	13.33	
		For Up To 10, Add	*6.84*	
		For >10 To 50, Add	*3.42*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0123	EA	8mm Diameter, 450mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	14.08	
		For Up To 10, Add	*6.84*	
		For >10 To 50, Add	*3.42*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0124	EA	8mm Diameter, 500mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	14.74	
		For Up To 10, Add	*6.84*	
		For >10 To 50, Add	*3.42*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0125	EA	8mm Diameter, 550mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	17.01	
		For Up To 10, Add	*6.84*	
		For >10 To 50, Add	*3.42*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0126	EA	8mm Diameter, 600mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	18.86	
		For Up To 10, Add	*6.84*	
		For >10 To 50, Add	*3.42*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0127	EA	8mm Diameter, 700mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	21.55	
		For Up To 10, Add	*6.84*	
		For >10 To 50, Add	*3.42*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0128	EA	10mm Diameter, 125mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	10.41	
		For Up To 10, Add	*6.84*	
		For >10 To 50, Add	*3.42*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0129	EA	10mm Diameter, 155mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	10.82	
		For Up To 10, Add	*6.84*	
		For >10 To 50, Add	*3.42*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0130	EA	10mm Diameter, 170mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	11.22	
		For Up To 10, Add	*6.84*	
		For >10 To 50, Add	*3.42*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0131	EA	10mm Diameter, 195mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	11.59	
		For Up To 10, Add	*6.84*	
		For >10 To 50, Add	*3.42*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0132	EA	10mm Diameter, 220mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	11.82	
		For Up To 10, Add	*6.84*	
		For >10 To 50, Add	*3.42*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0133	EA	10mm Diameter, 245mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	11.98	
		For Up To 10, Add	*6.84*	
		For >10 To 50, Add	*3.42*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0134	EA	10mm Diameter, 270mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	12.25	
		For Up To 10, Add	*6.84*	
		For >10 To 50, Add	*3.42*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0135	EA	10mm Diameter, 300mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	12.36	
		For Up To 10, Add	*6.84*	
		For >10 To 50, Add	*3.42*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0136	EA	10mm Diameter, 350mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	12.85	
		For Up To 10, Add	*6.84*	
		For >10 To 50, Add	*3.42*	
		For Metal Stud Clip, Add	*2.59*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 01 20 41-0137	EA	10mm Diameter, 400mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	13.53	
		For Up To 10, Add	*6.84*	
		For >10 To 50, Add	*3.42*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0138	EA	10mm Diameter, 450mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	14.15	
		For Up To 10, Add	*6.84*	
		For >10 To 50, Add	*3.42*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0139	EA	10mm Diameter, 500mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	14.94	
		For Up To 10, Add	*6.84*	
		For >10 To 50, Add	*3.42*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0140	EA	10mm Diameter, 550mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	19.21	
		For Up To 10, Add	*6.84*	
		For >10 To 50, Add	*3.42*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0141	EA	10mm Diameter, 600mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	21.26	
		For Up To 10, Add	*6.84*	
		For >10 To 50, Add	*3.42*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0142	EA	10mm Diameter, 700mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	24.98	
		For Up To 10, Add	*6.84*	
		For >10 To 50, Add	*3.42*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0143	EA	8mm Tapered To 6.5mm Diameter, 155mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	11.40	
		For Up To 10, Add	*6.84*	
		For >10 To 50, Add	*3.42*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0144	EA	8mm Tapered To 6.5mm Diameter, 170mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	11.64	
		For Up To 10, Add	*6.84*	
		For >10 To 50, Add	*3.42*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0145	EA	8mm Tapered To 6.5mm Diameter, 185mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	11.80	
		For Up To 10, Add	*6.84*	
		For >10 To 50, Add	*3.42*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0146	EA	8mm Tapered To 6.5mm Diameter, 195mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	11.93	
		For Up To 10, Add	*6.84*	
		For >10 To 50, Add	*3.42*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0147	EA	8mm Tapered To 6.5mm Diameter, 220mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	12.30	
		For Up To 10, Add	*6.84*	
		For >10 To 50, Add	*3.42*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0148	EA	8mm Tapered To 6.5mm Diameter, 245mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	12.90	
		For Up To 10, Add	*6.84*	
		For >10 To 50, Add	*3.42*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0149	EA	8mm Tapered To 6.5mm Diameter, 270mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	13.09	
		For Up To 10, Add	*6.84*	
		For >10 To 50, Add	*3.42*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0150	EA	8mm Tapered To 6.5mm Diameter, 295mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	13.68	
		For Up To 10, Add	*6.84*	
		For >10 To 50, Add	*3.42*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0151	EA	10mm Tapered To 8mm Diameter, 155mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	12.00	
		For Up To 10, Add	*6.84*	
		For >10 To 50, Add	*3.42*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0152	EA	10mm Tapered To 8mm Diameter, 170mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	12.51	
		For Up To 10, Add	*6.84*	
		For >10 To 50, Add	*3.42*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0153	EA	10mm Tapered To 8mm Diameter, 195mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	12.88	
		For Up To 10, Add	*6.84*	
		For >10 To 50, Add	*3.42*	
		For Metal Stud Clip, Add	*2.59*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 01 20 41-0154	EA	10mm Tapered To 8mm Diameter, 220mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	13.11	
		For Up To 10, Add	*6.84*	
		For >10 To 50, Add	*3.42*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0155	EA	10mm Tapered To 8mm Diameter, 245mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	13.27	
		For Up To 10, Add	*6.84*	
		For >10 To 50, Add	*3.42*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0156	EA	10mm Tapered To 8mm Diameter, 300mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	13.65	
		For Up To 10, Add	*6.84*	
		For >10 To 50, Add	*3.42*	
		For Metal Stud Clip, Add	*2.59*	
04 01 20 41-0157	EA	316 Stainless Steel, Seismic Connector (Helifix® DryFix®)	5.51	
		Note: For installation over the DryFix® helical pin. Excludes removal of grout from the horizontal mortar joint and installation of Helibar or 9 gauge continuous wire.		
		For Up To 10, Add	*3.42*	
		For >10 To 50, Add	*1.71*	

04 01 20 41-0158 Concrete Patching Pins (Helifix® PatchPin) *(04 01 20 41-0001)*

Note: Austenitic stainless steel. For patching reinforced concrete. Includes drilling. Excludes patching mortar.

04 01 20 41-0159 304 Stainless Steel Helical Pin, Concrete Patching Pins (Helifix® PatchPin) *(04 01 20 41-0158)*

04 01 20 41-0160	EA	8mm Diameter, 70mm Length, 304 Stainless Steel Helical Pin, Concrete Patching Pin (Helifix® PatchPin)	8.37	
		For Up To 10, Add	*6.84*	
		For >10 To 50, Add	*3.42*	
04 01 20 41-0161	EA	8mm Diameter, 102mm Length, 304 Stainless Steel Helical Pin, Concrete Patching Pin (Helifix® PatchPin)	8.41	
		For Up To 10, Add	*6.84*	
		For >10 To 50, Add	*3.42*	

04 01 20 41-0162 316 Stainless Steel Helical Pin, Concrete Patching Pins (Helifix® PatchPin) *(04 01 20 41-0158)*

04 01 20 41-0163	EA	8mm Diameter, 70mm Length, 316 Stainless Steel Helical Pin, Concrete Patching Pin (Helifix® PatchPin)	8.65	
		For Up To 10, Add	*6.84*	
		For >10 To 50, Add	*3.42*	
04 01 20 41-0164	EA	8mm Diameter, 102mm Length, 316 Stainless Steel Helical Pin, Concrete Patching Pin (Helifix® PatchPin)	8.72	
		For Up To 10, Add	*6.84*	
		For >10 To 50, Add	*3.42*	

04 01 20 41-0165 Movement Joint Ties (Helifix® Movement Joint Tie *(04 01 20 41-0001)*

Note: Austenitic stainless steel. For creating movement joints in existing walls. Includes removing horizontal mortar and re-pointing mortar bed. Includes cementitious grout.

04 01 20 41-0166 304 Stainless Steel Helical Pin, Movement Joint Ties (Helifix® Movement Joint Tie) *(04 01 20 41-0165)*

04 01 20 41-0167	EA	6mm Diameter, 400mm Length, 304 Stainless Steel Helical Pin, Movement Joint Tie With De-Bond Sleeve (Helifix® Movement Joint Tie)	54.30	
		For Up To 10, Add	*45.61*	
		For >10 To 50, Add	*22.81*	

04 01 20 41-0168 316 Stainless Steel Helical Pin, Movement Joint Ties (Helifix® Movement Joint Tie) *(04 01 20 41-0165)*

04 01 20 41-0169	EA	6mm Diameter, 400mm Length, 316 Stainless Steel Helical Pin, Movement Joint Tie With De-Bond Sleeve (Helifix® Movement Joint Tie)	55.60	
		For Up To 10, Add	*45.61*	
		For >10 To 50, Add	*22.81*	

04 01 20 41-0170 Unit Masonry Stabilization *(04 01 20 41)*

04 01 20 41-0171 Repair Bulging Or Loose Masonry *(04 01 20 41-0170)*

04 01 20 41-0172	SF	Repair Bulging Or Loose Masonry Using Existing Masonry	98.33	
		Note: Includes saw cutting, toothing, removing loose masonry, installing anchor and reinstalling brick and mortar.		
04 01 20 41-0173	SF	Repair Bulging Or Loose Masonry Using New Masonry	104.11	
		Note: Includes saw cutting, toothing, removing loose masonry, installing anchor and installing new brick and mortar.		

04 01 20 51 Unit Masonry Maintenance *(04 01 20)*

04 01 20 51-0001 Grind Unit Masonry *(04 01 20 51)*

04 01 20 51-0002	SF	Grind Smooth Masonry Wall	4.57	

04 01 20 91 Unit Masonry Restoration *(04 01 20)*

See CSI section 03 01 30 71-0045 for crack repair.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 01 20 91-0001		Cut And Repoint Masonry *(04 01 20 91)*		
		Note: Remove existing mortar to 3/4" depth. Repoint with pointing mortar. Includes pointing mortar, cutting, rinsing and cleaning joint.		
04 01 20 91-0002	SF	Cut And Repoint, Hard Mortar, Running Bond, Brick	11.25	
		For Common Bond, Add	*0.43*	
		For Flemish Bond, Add	*1.50*	
		For English Bond, Add	*2.46*	
		For Oversized Or Larger Than Standard, Deduct	*-1.69*	
		For >250 To 1,000, Deduct	*-0.53*	
		For >1,000, Deduct	*-1.10*	
04 01 20 91-0003	SF	Cut And Repoint, Soft, Loose Or Crumbling Mortar, Running Bond, Brick	7.82	
		For Common Bond, Add	*0.29*	
		For Flemish Bond, Add	*1.02*	
		For English Bond, Add	*1.67*	
		For Oversized Or Larger Than Standard, Deduct	*-1.17*	
		For >250 To 1,000, Deduct	*-0.36*	
		For >1,000, Deduct	*-0.75*	
04 01 20 91-0004	SF	Cut And Repoint, Hard Mortar, Running Bond, Concrete Block	6.09	
		For Common Bond, Add	*0.22*	
		For Oversized Or Larger Than Standard, Deduct	*-0.91*	
		For >250 To 1,000, Deduct	*-0.28*	
		For >1,000, Deduct	*-0.58*	
04 01 20 91-0005	SF	Cut And Repoint, Soft, Loose Or Crumbling Mortar, Running Bond, Concrete Block	4.33	
		For Common Bond, Add	*0.15*	
		For Oversized Or Larger Than Standard, Deduct	*-0.65*	
		For >250 To 1,000, Deduct	*-0.19*	
		For >1,000, Deduct	*-0.40*	
04 01 20 91-0006	LF	Cut And Repoint Brick/Block, Irregular Shapes And Other Than Complete SF Area	3.30	
04 01 20 91-0007		Repair Masonry *(04 01 20 91)*		
		Note: Includes mortar for repair.		
04 01 20 91-0008	SF	Patch And Repair Terra Cotta Walls Or Coping	22.31	
		Note: Including Replacement Of Damaged Material		
04 01 20 91-0009	SF	Patch And Repair Terra Cotta Floors	20.72	
		Note: Including Replacement Of Damaged Material		
04 01 20 91-0010	LF	Chip And Repair With Masonry Patch, Cracks Up To 1/4"	5.19	
04 01 20 91-0011	SF	Patching Over Masonry Surface With Elastomeric Paint Using A Trowel 6" Blade	8.85	
04 01 20 91-0012	LF	Up To 1/4" Wide, Water Activated Polyurethane Foam Grout, Non-Structural Crack Repair For Masonry, Installed With Automated Injection Equipment (SealBoss 1570)	38.28	
		For Cracks Accessible From Both Sides, Add	*7.77*	
04 01 20 91-0013	LF	Up To 1/4" Wide, Moisture Tolerant, Low Viscosity, High Strength Epoxy Resin, Structural Crack Repair For Masonry, Installed With Automated Injection Equipment (Sikadur® 52)	34.12	
		For Cracks Accessible From Both Sides, Add	*7.77*	
04 01 20 91-0014	LF	Up To 1/4" Wide, Moisture Tolerant, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack Repair For Masonry, Surface Applied Trowel (Sikadur® 52)	9.58	
		For V-Grooving Crack With Grinder, Add	*6.97*	
04 01 20 91-0015	LF	>1/4" To 1/2" Wide, Moisture Tolerant, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack Repair For Masonry, Surface Applied With Trowel (Sikadur® 52)	12.80	
		For V-Grooving Crack With Grinder, Add	*6.61*	

04 01 50 Maintenance of Refractory Masonry *(04 01)*

04 01 50 52 Refractory Masonry Cleaning *(04 01 50)*

04 01 50 52-0001		Chimney Cleaning *(04 01 50 52)*		
04 01 50 52-0002	LF	Up To 2 SF Cross Section Chimney Cleaning	8.47	
04 01 50 52-0003	LF	>2 To 4 SF Cross Section Chimney Cleaning	16.92	
04 01 50 52-0004	LF	>4 SF Cross Section Chimney Cleaning	25.39	

04 05 Common Work Results for Masonry *(04)*

04 05 13 Masonry Mortaring *(04 05)*

04 05 13 26 Engineered Masonry Mortaring *(04 05 13)*

Note: Mortar, sand and standard supplements are included in the cost of brick, block, stone, simulated or synthetic masonry units.

04 05 13 26-0001		Masonry Cement Mortar *(04 05 13 26)*		
		Note: Ratio is bag material to sand.		
04 05 13 26-0002	CF	Type M Masonry Cement 1:1:6 Mix	6.84	
04 05 13 26-0003	CF	Type N Masonry Cement 1:3 Mix	6.31	
04 05 13 26-0004	CF	Type O Masonry Cement 1:3 Mix	6.48	
04 05 13 26-0005	CF	Type PM Masonry Cement 1:1:6 Mix, 2,500 PSI	7.09	
04 05 13 26-0006	CF	Type S Masonry Cement 1/2:1:4 Mix	7.48	
04 05 13 26-0007		Mortar Admixture *(04 05 13 26)*		
04 05 13 26-0008	CF	Water - Repellent Stearate - Cost Based On CF Of Mortar	0.47	
04 05 13 26-0009	CF	Pozzolanic Plasticizers - Cost Based On CF Of Mortar	0.09	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 13 26-0010			Color Admixtures For Mortar *(04 05 13 26)*		
			Note: Costs are based on CF of mortar.		
04 05 13 26-0011		CF	Buff Colored Admixture	2.97	
04 05 13 26-0012		CF	Brown Colored Admixture	3.37	
04 05 13 26-0013		CF	Black Colored Admixture	4.17	
04 05 13 26-0014		CF	Red Colored Admixture	9.14	
04 05 13 26-0015			Portland Cement *(04 05 13 26)*		
04 05 13 26-0016		CF	Normal Portland Cement (Type I)	15.83	
04 05 13 26-0017		CF	Modified Portland Cement (Type II)	7.90	
04 05 13 26-0018		CF	High Early Strength Portland Cement (Type III)	8.38	
04 05 13 26-0019		CF	White Non-Staining Portland Cement (Type I)	17.55	

04 05 16 Masonry Grouting *(04 05)*

04 05 16 26 Engineered Masonry Grouting *(04 05 16)*

Note: Excludes reinforcement.

04 05 16 26-0001			Grout Bond Beams And Lintels, Grout Fill *(04 05 16 26)*		
			Note: Excludes block.		
04 05 16 26-0002		LF	Grout Bond Beams And Lintels - 6" Block, Grout Fill Only, 0.1125 CF/LF, 8" Deep	5.30	
04 05 16 26-0003		LF	Grout Bond Beams And Lintels - 8" Block, Grout Fill Only, 0.20 CF/LF, 8" Deep	5.78	
04 05 16 26-0004		LF	Grout Bond Beams And Lintels - 10" Block, Grout Fill Only, 0.25 CF/LF, 8" Deep	6.44	
04 05 16 26-0005		LF	Grout Bond Beams And Lintels, 12" Block, Grout Fill Only, 0.30 CF/LF, 8" Deep	7.19	
04 05 16 26-0006			Grout Concrete Block Cores, Grout Fill *(04 05 16 26)*		
			Note: Per SF of face area filled.		
04 05 16 26-0007		SF	Grout Concrete Block Cores- 4" Block, Grout Fill Block Solid (0.067 CF/SF)	4.16	
04 05 16 26-0008		SF	Grout Concrete Block Cores- 6" Block, Grout Fill Block Solid (0.175 CF/SF)	6.02	
04 05 16 26-0009		SF	Grout Concrete Block Cores- 8" Block, Grout Fill Block Solid (0.258 CF/SF)	8.58	
04 05 16 26-0010		SF	Grout Concrete Block Cores- 10" Block, Grout Fill Block Solid (0.34 CF/SF)	10.52	
04 05 16 26-0011		SF	Grout Concrete Block Cores- 12" Block, Grout Fill Block Solid (0.422 CF/SF)	12.43	
04 05 16 26-0012			Grout Cavity Walls, Grout Fill *(04 05 16 26)*		
			Note: Per SF of face area filled.		
04 05 16 26-0013		SF	Grout Cavity Walls - 2" Space, Grout Fill (0.167 CF/SF)	4.86	
04 05 16 26-0014		SF	Grout Cavity Walls - 3" Space, Grout Fill (0.250 CF/SF)	6.85	
04 05 16 26-0015		SF	Grout Cavity Walls - 4" Space, Grout Fill (0.333 CF/SF)	8.58	
04 05 16 26-0016		SF	Grout Cavity Walls - 6" Space, Grout Fill (0.500 CF/SF)	11.63	
04 05 16 26-0017			Grout Frames, Grout Fill *(04 05 16 26)*		
04 05 16 26-0018		LF	Grout Door Frames - Grout Fill	7.66	
04 05 16 26-0019		LF	Grout Window Frames - Grout Fill	6.55	
04 05 16 26-0020			Sand Filled Walls *(04 05 16 26)*		
04 05 16 26-0021			Sand Fill Cavity Walls, Sand Fill *(04 05 16 26-0020)*		
			Note: Per SF of face area filled.		
04 05 16 26-0022		SF	Sand Fill Cavity Walls - 2" Space, Sand Fill (0.167 CF/SF)	4.02	
04 05 16 26-0023		SF	Sand Fill Cavity Walls - 3" Space, Sand Fill (0.250 CF/SF)	5.54	
04 05 16 26-0024		SF	Sand Fill Cavity Walls - 4" Space, Sand Fill (0.333 CF/SF)	6.80	
04 05 16 26-0025		SF	Sand Fill Cavity Walls - 6" Space, Sand Fill (0.500 CF/SF)	9.03	

04 05 19 Masonry Anchorage and Reinforcing *(04 05)*

04 05 19 13 Continuous Joint Reinforcing *(04 05 19)*

Note: Includes cutting and bending.

04 05 19 13-0001			Continuous Joint Reinforcing *(04 05 19 13)*		
04 05 19 13-0002			Ladder-Type, Masonry Wall Reinforcement *(04 05 19 13-0001)*		
04 05 19 13-0003			Ladder-Type, Masonry Wall Reinforcement *(04 05 19 13-0002)*		
04 05 19 13-0004			Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement *(04 05 19 13-0003)*		
04 05 19 13-0005		CLF	#4 (For 4" Walls), Mill Galvanized, Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	63.66	
			For Hot-Dipped Galvanized, Add	*9.51*	
			For Stainless Steel, Add	*38.02*	
04 05 19 13-0006		CLF	#6 (For 6" Walls), Mill Galvanized, Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	67.67	
			For Hot-Dipped Galvanized, Add	*9.99*	
			For Stainless Steel, Add	*39.94*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0007	CLF	#8 (For 8" Walls), Mill Galvanized, Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	73.09	
		For Hot-Dipped Galvanized, Add	*10.53*	
		For Stainless Steel, Add	*42.10*	
04 05 19 13-0008	CLF	#10 (For 10" Walls), Mill Galvanized, Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	79.52	
		For Hot-Dipped Galvanized, Add	*11.14*	
		For Stainless Steel, Add	*44.54*	
04 05 19 13-0009	CLF	#12 (For 12" Walls), Mill Galvanized, Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	87.08	
		For Hot-Dipped Galvanized, Add	*11.74*	
		For Stainless Steel, Add	*46.94*	
04 05 19 13-0010	CLF	#13 (For 13" Walls), Mill Galvanized, Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	92.74	
		For Hot-Dipped Galvanized, Add	*12.03*	
		For Stainless Steel, Add	*48.10*	
04 05 19 13-0011	CLF	#14 (For 14" Walls), Mill Galvanized, Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	96.84	
		For Hot-Dipped Galvanized, Add	*12.36*	
		For Stainless Steel, Add	*49.44*	
04 05 19 13-0012	CLF	#16 (For 16" Walls), Mill Galvanized, Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	110.69	
		For Hot-Dipped Galvanized, Add	*16.99*	
		For Stainless Steel, Add	*67.96*	
04 05 19 13-0013	CLF	#18 (For 18" Walls), Mill Galvanized, Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	133.82	
		For Hot-Dipped Galvanized, Add	*26.27*	
		For Stainless Steel, Add	*105.06*	

04 05 19 13-0014 Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement *(04 05 19 13-0003)*

04 05 19 13-0015	CLF	#4 (For 4" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	74.20	
		For Hot-Dipped Galvanized, Add	*14.78*	
		For Stainless Steel, Add	*59.10*	
04 05 19 13-0016	CLF	#6 (For 6" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	78.33	
		For Hot-Dipped Galvanized, Add	*15.32*	
		For Stainless Steel, Add	*61.26*	
04 05 19 13-0017	CLF	#8 (For 8" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	83.86	
		For Hot-Dipped Galvanized, Add	*15.91*	
		For Stainless Steel, Add	*63.64*	
04 05 19 13-0018	CLF	#10 (For 10" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	90.18	
		For Hot-Dipped Galvanized, Add	*16.47*	
		For Stainless Steel, Add	*65.86*	
04 05 19 13-0019	CLF	#12 (For 12" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	97.71	
		For Hot-Dipped Galvanized, Add	*17.05*	
		For Stainless Steel, Add	*68.20*	
04 05 19 13-0020	CLF	#13 (For 13" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	103.42	
		For Hot-Dipped Galvanized, Add	*17.37*	
		For Stainless Steel, Add	*69.48*	
04 05 19 13-0021	CLF	#14 (For 14" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	107.45	
		For Hot-Dipped Galvanized, Add	*17.66*	
		For Stainless Steel, Add	*70.64*	
04 05 19 13-0022	CLF	#16 (For 16" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	124.70	
		For Hot-Dipped Galvanized, Add	*24.00*	
		For Stainless Steel, Add	*96.00*	
04 05 19 13-0023	CLF	#18 (For 18" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	157.85	
		For Hot-Dipped Galvanized, Add	*38.29*	
		For Stainless Steel, Add	*153.16*	

04 05 19 13-0024 Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement *(04 05 19 13-0003)*

04 05 19 13-0025	CLF	#4 (For 4" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	84.42	
		For Hot-Dipped Galvanized, Add	*19.89*	
		For Stainless Steel, Add	*79.54*	
04 05 19 13-0026	CLF	#6 (For 6" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	90.05	
		For Hot-Dipped Galvanized, Add	*20.98*	
		For Stainless Steel, Add	*83.92*	
04 05 19 13-0027	CLF	#8 (For 8" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	95.66	
		For Hot-Dipped Galvanized, Add	*22.07*	
		For Stainless Steel, Add	*88.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0028	CLF	#10 (For 10" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	104.01	
		For Hot-Dipped Galvanized, Add	*23.38*	
		For Stainless Steel, Add	*93.52*	
04 05 19 13-0029	CLF	#12 (For 12" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	112.33	
		For Hot-Dipped Galvanized, Add	*24.68*	
		For Stainless Steel, Add	*98.70*	
04 05 19 13-0030	CLF	#13 (For 13" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	119.45	
		For Hot-Dipped Galvanized, Add	*25.38*	
		For Stainless Steel, Add	*101.50*	
04 05 19 13-0031	CLF	#14 (For 14" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	123.50	
		For Hot-Dipped Galvanized, Add	*25.97*	
		For Stainless Steel, Add	*103.88*	
04 05 19 13-0032	CLF	#16 (For 16" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	131.04	
		For Hot-Dipped Galvanized, Add	*27.17*	
		For Stainless Steel, Add	*108.66*	
04 05 19 13-0033	CLF	#18 (For 18" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	171.55	
		For Hot-Dipped Galvanized, Add	*45.13*	
		For Stainless Steel, Add	*180.52*	

04 05 19 13-0034 Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement *(04 05 19 13-0003)*

04 05 19 13-0035	CLF	#4 (For 4" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	87.94	
		For Hot-Dipped Galvanized, Add	*21.65*	
		For Stainless Steel, Add	*86.58*	
04 05 19 13-0036	CLF	#6 (For 6" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	91.94	
		For Hot-Dipped Galvanized, Add	*22.12*	
		For Stainless Steel, Add	*88.46*	
04 05 19 13-0037	CLF	#8 (For 8" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	97.35	
		For Hot-Dipped Galvanized, Add	*22.66*	
		For Stainless Steel, Add	*90.62*	
04 05 19 13-0038	CLF	#10 (For 10" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	103.78	
		For Hot-Dipped Galvanized, Add	*23.27*	
		For Stainless Steel, Add	*93.06*	
04 05 19 13-0039	CLF	#12 (For 12" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	111.34	
		For Hot-Dipped Galvanized, Add	*23.86*	
		For Stainless Steel, Add	*95.44*	
04 05 19 13-0040	CLF	#13 (For 13" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	117.01	
		For Hot-Dipped Galvanized, Add	*24.16*	
		For Stainless Steel, Add	*96.62*	
04 05 19 13-0041	CLF	#14 (For 14" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	121.09	
		For Hot-Dipped Galvanized, Add	*24.49*	
		For Stainless Steel, Add	*97.94*	
04 05 19 13-0042	CLF	#16 (For 16" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	134.94	
		For Hot-Dipped Galvanized, Add	*29.12*	
		For Stainless Steel, Add	*116.46*	

04 05 19 13-0043 Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement *(04 05 19 13-0003)*

04 05 19 13-0044	CLF	#4 (For 4" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	98.47	
		For Hot-Dipped Galvanized, Add	*26.91*	
		For Stainless Steel, Add	*107.64*	
04 05 19 13-0045	CLF	#6 (For 6" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	102.62	
		For Hot-Dipped Galvanized, Add	*27.46*	
		For Stainless Steel, Add	*109.82*	
04 05 19 13-0046	CLF	#8 (For 8" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	108.14	
		For Hot-Dipped Galvanized, Add	*28.05*	
		For Stainless Steel, Add	*112.20*	
04 05 19 13-0047	CLF	#10 (For 10" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	114.46	
		For Hot-Dipped Galvanized, Add	*28.61*	
		For Stainless Steel, Add	*114.42*	
04 05 19 13-0048	CLF	#12 (For 12" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	121.99	
		For Hot-Dipped Galvanized, Add	*29.19*	
		For Stainless Steel, Add	*116.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0049	CLF	#13 (For 13" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	127.69	
		For Hot-Dipped Galvanized, Add	*29.51*	
		For Stainless Steel, Add	*118.02*	
04 05 19 13-0050	CLF	#14 (For 14" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	131.72	
		For Hot-Dipped Galvanized, Add	*29.80*	
		For Stainless Steel, Add	*119.18*	
04 05 19 13-0051	CLF	#16 (For 16" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	148.96	
		For Hot-Dipped Galvanized, Add	*36.13*	
		For Stainless Steel, Add	*144.52*	
04 05 19 13-0052	CLF	#18 (For 18" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	182.12	
		For Hot-Dipped Galvanized, Add	*50.43*	
		For Stainless Steel, Add	*201.70*	

04 05 19 13-0053 Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement *(04 05 19 13-0003)*

04 05 19 13-0054	CLF	#4 (For 4" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	108.68	
		For Hot-Dipped Galvanized, Add	*32.02*	
		For Stainless Steel, Add	*128.06*	
04 05 19 13-0055	CLF	#6 (For 6" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	114.31	
		For Hot-Dipped Galvanized, Add	*33.11*	
		For Stainless Steel, Add	*132.44*	
04 05 19 13-0056	CLF	#8 (For 8" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	119.93	
		For Hot-Dipped Galvanized, Add	*34.21*	
		For Stainless Steel, Add	*136.82*	
04 05 19 13-0057	CLF	#10 (For 10" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	128.27	
		For Hot-Dipped Galvanized, Add	*35.51*	
		For Stainless Steel, Add	*142.04*	
04 05 19 13-0058	CLF	#12 (For 12" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	136.60	
		For Hot-Dipped Galvanized, Add	*36.81*	
		For Stainless Steel, Add	*147.24*	
04 05 19 13-0059	CLF	#13 (For 13" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	143.71	
		For Hot-Dipped Galvanized, Add	*37.51*	
		For Stainless Steel, Add	*150.02*	
04 05 19 13-0060	CLF	#14 (For 14" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	147.76	
		For Hot-Dipped Galvanized, Add	*38.10*	
		For Stainless Steel, Add	*152.40*	
04 05 19 13-0061	CLF	#16 (For 16" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	155.30	
		For Hot-Dipped Galvanized, Add	*39.30*	
		For Stainless Steel, Add	*157.18*	
04 05 19 13-0062	CLF	#18 (For 18" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	195.81	
		For Hot-Dipped Galvanized, Add	*57.26*	
		For Stainless Steel, Add	*229.04*	

04 05 19 13-0063 Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement *(04 05 19 13-0003)*

04 05 19 13-0064	CLF	#4 (For 4" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	112.20	
		For Hot-Dipped Galvanized, Add	*33.78*	
		For Stainless Steel, Add	*135.10*	
04 05 19 13-0065	CLF	#6 (For 6" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	116.20	
		For Hot-Dipped Galvanized, Add	*34.25*	
		For Stainless Steel, Add	*136.98*	
04 05 19 13-0066	CLF	#8 (For 8" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	121.61	
		For Hot-Dipped Galvanized, Add	*34.79*	
		For Stainless Steel, Add	*139.14*	
04 05 19 13-0067	CLF	#10 (For 10" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	128.04	
		For Hot-Dipped Galvanized, Add	*35.40*	
		For Stainless Steel, Add	*141.58*	
04 05 19 13-0068	CLF	#12 (For 12" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	135.61	
		For Hot-Dipped Galvanized, Add	*36.00*	
		For Stainless Steel, Add	*143.98*	
04 05 19 13-0069	CLF	#13 (For 13" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	141.27	
		For Hot-Dipped Galvanized, Add	*36.29*	
		For Stainless Steel, Add	*145.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0070	CLF	#14 (For 14" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	145.35	
		For Hot-Dipped Galvanized, Add	*36.62*	
		For Stainless Steel, Add	*146.46*	
04 05 19 13-0071	CLF	#16 (For 16" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	159.21	
		For Hot-Dipped Galvanized, Add	*41.25*	
		For Stainless Steel, Add	*165.00*	
04 05 19 13-0072	CLF	#18 (For 18" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	182.33	
		For Hot-Dipped Galvanized, Add	*50.53*	
		For Stainless Steel, Add	*202.10*	

04 05 19 13-0073 Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement *(04 05 19 13-0003)*

04 05 19 13-0074	CLF	#4 (For 4" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	122.74	
		For Hot-Dipped Galvanized, Add	*39.05*	
		For Stainless Steel, Add	*156.18*	
04 05 19 13-0075	CLF	#6 (For 6" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	126.88	
		For Hot-Dipped Galvanized, Add	*39.59*	
		For Stainless Steel, Add	*158.34*	
04 05 19 13-0076	CLF	#8 (For 8" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	132.40	
		For Hot-Dipped Galvanized, Add	*40.18*	
		For Stainless Steel, Add	*160.72*	
04 05 19 13-0077	CLF	#10 (For 10" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, Four-Wire, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	138.72	
		For Hot-Dipped Galvanized, Add	*40.74*	
		For Stainless Steel, Add	*162.94*	
04 05 19 13-0078	CLF	#12 (For 12" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	146.26	
		For Hot-Dipped Galvanized, Add	*41.32*	
		For Stainless Steel, Add	*165.28*	
04 05 19 13-0079	CLF	#13 (For 13" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	151.95	
		For Hot-Dipped Galvanized, Add	*41.64*	
		For Stainless Steel, Add	*166.54*	
04 05 19 13-0080	CLF	#14 (For 14" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	155.99	
		For Hot-Dipped Galvanized, Add	*41.93*	
		For Stainless Steel, Add	*167.72*	
04 05 19 13-0081	CLF	#16 (For 16" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	173.23	
		For Hot-Dipped Galvanized, Add	*48.27*	
		For Stainless Steel, Add	*193.06*	
04 05 19 13-0082	CLF	#18 (For 18" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	206.39	
		For Hot-Dipped Galvanized, Add	*62.56*	
		For Stainless Steel, Add	*250.24*	

04 05 19 13-0083 Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement *(04 05 19 13-0003)*

04 05 19 13-0084	CLF	#4 (For 4" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	132.94	
		For Hot-Dipped Galvanized, Add	*44.15*	
		For Stainless Steel, Add	*176.58*	
04 05 19 13-0085	CLF	#6 (For 6" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	138.57	
		For Hot-Dipped Galvanized, Add	*45.24*	
		For Stainless Steel, Add	*180.96*	
04 05 19 13-0086	CLF	#8 (For 8" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	144.19	
		For Hot-Dipped Galvanized, Add	*46.34*	
		For Stainless Steel, Add	*185.34*	
04 05 19 13-0087	CLF	#10 (For 10" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	152.53	
		For Hot-Dipped Galvanized, Add	*47.64*	
		For Stainless Steel, Add	*190.56*	
04 05 19 13-0088	CLF	#12 (For 12" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	160.87	
		For Hot-Dipped Galvanized, Add	*48.95*	
		For Stainless Steel, Add	*195.78*	
04 05 19 13-0089	CLF	#13 (For 13" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	167.97	
		For Hot-Dipped Galvanized, Add	*49.64*	
		For Stainless Steel, Add	*198.54*	
04 05 19 13-0090	CLF	#14 (For 14" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	172.03	
		For Hot-Dipped Galvanized, Add	*50.24*	
		For Stainless Steel, Add	*200.94*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0091	CLF	#16 (For 16" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	179.56	
		For Hot-Dipped Galvanized, Add	*51.43*	
		For Stainless Steel, Add	*205.70*	
04 05 19 13-0092	CLF	#18 (For 18" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	220.08	
		For Hot-Dipped Galvanized, Add	*69.40*	
		For Stainless Steel, Add	*277.58*	

04 05 19 13-0093 Ladder-Type With Tabs, Masonry Wall Reinforcement *(04 05 19 13-0002)*

04 05 19 13-0094 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement *(04 05 19 13-0093)*

04 05 19 13-0095	CLF	#8 (For 8" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	90.29	
		For Hot-Dipped Galvanized, Add	*16.16*	
		For Stainless Steel, Add	*64.64*	
04 05 19 13-0096	CLF	#10 (For 10" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	99.69	
		For Hot-Dipped Galvanized, Add	*17.65*	
		For Stainless Steel, Add	*70.58*	
04 05 19 13-0097	CLF	#12 (For 12" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	108.76	
		For Hot-Dipped Galvanized, Add	*18.96*	
		For Stainless Steel, Add	*75.82*	
04 05 19 13-0098	CLF	#13 (For 13" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	116.70	
		For Hot-Dipped Galvanized, Add	*19.71*	
		For Stainless Steel, Add	*78.84*	
04 05 19 13-0099	CLF	#14 (For 14" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	121.33	
		For Hot-Dipped Galvanized, Add	*20.41*	
		For Stainless Steel, Add	*81.64*	
04 05 19 13-0100	CLF	#16 (For 16" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	130.24	
		For Hot-Dipped Galvanized, Add	*21.97*	
		For Stainless Steel, Add	*87.88*	
04 05 19 13-0101	CLF	#18 (For 18" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	137.95	
		For Hot-Dipped Galvanized, Add	*23.25*	
		For Stainless Steel, Add	*93.00*	

04 05 19 13-0102 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement *(04 05 19 13-0093)*

04 05 19 13-0103	CLF	#8 (For 8" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	103.42	
		For Hot-Dipped Galvanized, Add	*22.73*	
		For Stainless Steel, Add	*90.90*	
04 05 19 13-0104	CLF	#10 (For 10" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	112.85	
		For Hot-Dipped Galvanized, Add	*24.23*	
		For Stainless Steel, Add	*96.90*	
04 05 19 13-0105	CLF	#12 (For 12" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	121.77	
		For Hot-Dipped Galvanized, Add	*25.46*	
		For Stainless Steel, Add	*101.84*	
04 05 19 13-0106	CLF	#13 (For 13" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	129.86	
		For Hot-Dipped Galvanized, Add	*26.29*	
		For Stainless Steel, Add	*105.16*	
04 05 19 13-0107	CLF	#14 (For 14" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	134.46	
		For Hot-Dipped Galvanized, Add	*26.98*	
		For Stainless Steel, Add	*107.90*	
04 05 19 13-0108	CLF	#16 (For 16" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	143.37	
		For Hot-Dipped Galvanized, Add	*28.54*	
		For Stainless Steel, Add	*114.14*	
04 05 19 13-0109	CLF	#18 (For 18" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	151.26	
		For Hot-Dipped Galvanized, Add	*29.91*	
		For Stainless Steel, Add	*119.62*	

04 05 19 13-0110 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement *(04 05 19 13-0093)*

04 05 19 13-0111	CLF	#8 (For 8" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	109.80	
		For Hot-Dipped Galvanized, Add	*25.92*	
		For Stainless Steel, Add	*103.66*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0112	CLF	#10 (For 10" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	120.74	
		For Hot-Dipped Galvanized, Add	*28.17*	
		For Stainless Steel, Add	*112.68*	
04 05 19 13-0113	CLF	#12 (For 12" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	131.62	
		For Hot-Dipped Galvanized, Add	*30.39*	
		For Stainless Steel, Add	*121.54*	
04 05 19 13-0114	CLF	#13 (For 13" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	140.40	
		For Hot-Dipped Galvanized, Add	*31.56*	
		For Stainless Steel, Add	*126.24*	
04 05 19 13-0115	CLF	#14 (For 14" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	145.79	
		For Hot-Dipped Galvanized, Add	*32.64*	
		For Stainless Steel, Add	*130.56*	
04 05 19 13-0116	CLF	#16 (For 16" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	156.18	
		For Hot-Dipped Galvanized, Add	*34.94*	
		For Stainless Steel, Add	*139.76*	
04 05 19 13-0117	CLF	#18 (For 18" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	165.84	
		For Hot-Dipped Galvanized, Add	*37.20*	
		For Stainless Steel, Add	*148.78*	

04 05 19 13-0118 Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0002)*

04 05 19 13-0119 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0118)*

04 05 19 13-0120	CLF	#8 (For 4" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	125.64	
		For Hot-Dipped Galvanized, Add	*33.84*	
		For Stainless Steel, Add	*135.34*	
04 05 19 13-0121	CLF	#10 (For 6" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	134.13	
		For Hot-Dipped Galvanized, Add	*34.87*	
		For Stainless Steel, Add	*139.46*	
04 05 19 13-0122	CLF	#12 (For 8" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	142.68	
		For Hot-Dipped Galvanized, Add	*35.92*	
		For Stainless Steel, Add	*143.66*	
04 05 19 13-0123	CLF	#14 (For 10" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	154.67	
		For Hot-Dipped Galvanized, Add	*37.08*	
		For Stainless Steel, Add	*148.32*	
04 05 19 13-0124	CLF	#16 (For 12" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	162.79	
		For Hot-Dipped Galvanized, Add	*38.25*	
		For Stainless Steel, Add	*152.98*	
04 05 19 13-0125	CLF	#18 (For 14" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	171.49	
		For Hot-Dipped Galvanized, Add	*40.02*	
		For Stainless Steel, Add	*160.08*	

04 05 19 13-0126 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0118)*

04 05 19 13-0127	CLF	#8 (For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	146.22	
		For Hot-Dipped Galvanized, Add	*44.13*	
		For Stainless Steel, Add	*176.50*	
04 05 19 13-0128	CLF	#10 (For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	154.75	
		For Hot-Dipped Galvanized, Add	*45.18*	
		For Stainless Steel, Add	*180.70*	
04 05 19 13-0129	CLF	#12 (For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	163.56	
		For Hot-Dipped Galvanized, Add	*46.36*	
		For Stainless Steel, Add	*185.42*	
04 05 19 13-0130	CLF	#14 (For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	175.28	
		For Hot-Dipped Galvanized, Add	*47.39*	
		For Stainless Steel, Add	*189.54*	
04 05 19 13-0131	CLF	#16 (For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	183.43	
		For Hot-Dipped Galvanized, Add	*48.57*	
		For Stainless Steel, Add	*194.26*	
04 05 19 13-0132	CLF	#18 (For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	190.94	
		For Hot-Dipped Galvanized, Add	*49.75*	
		For Stainless Steel, Add	*198.98*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0133		**3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement** *(04 05 19 13-0118)*		
04 05 19 13-0134	CLF	#8 (For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	147.74	
		For Hot-Dipped Galvanized, Add	*44.89*	
		For Stainless Steel, Add	*179.54*	
04 05 19 13-0135	CLF	#10 (For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	157.40	
		For Hot-Dipped Galvanized, Add	*46.50*	
		For Stainless Steel, Add	*186.00*	
04 05 19 13-0136	CLF	#12 (For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	167.05	
		For Hot-Dipped Galvanized, Add	*48.10*	
		For Stainless Steel, Add	*192.40*	
04 05 19 13-0137	CLF	#14 (For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	180.58	
		For Hot-Dipped Galvanized, Add	*50.04*	
		For Stainless Steel, Add	*200.14*	
04 05 19 13-0138	CLF	#16 (For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	190.22	
		For Hot-Dipped Galvanized, Add	*51.96*	
		For Stainless Steel, Add	*207.84*	
04 05 19 13-0139	CLF	#18 (For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	199.18	
		For Hot-Dipped Galvanized, Add	*53.87*	
		For Stainless Steel, Add	*215.46*	
04 05 19 13-0140		**Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement** *(04 05 19 13-0002)*		
04 05 19 13-0141		**9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement** *(04 05 19 13-0140)*		
04 05 19 13-0142	CLF	#10 (For 4" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	135.91	
		For Hot-Dipped Galvanized, Add	*35.76*	
		For Stainless Steel, Add	*143.02*	
04 05 19 13-0143	CLF	#12 (For 6" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	144.40	
		For Hot-Dipped Galvanized, Add	*36.78*	
		For Stainless Steel, Add	*147.10*	
04 05 19 13-0144	CLF	#14 (For 8" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	156.10	
		For Hot-Dipped Galvanized, Add	*37.80*	
		For Stainless Steel, Add	*151.18*	
04 05 19 13-0145	CLF	#16 (For 10" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	164.30	
		For Hot-Dipped Galvanized, Add	*39.00*	
		For Stainless Steel, Add	*156.00*	
04 05 19 13-0146	CLF	#18 (For 12" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	171.78	
		For Hot-Dipped Galvanized, Add	*40.17*	
		For Stainless Steel, Add	*160.66*	
04 05 19 13-0147	CLF	#20 (For 14" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	180.06	
		For Hot-Dipped Galvanized, Add	*42.51*	
		For Stainless Steel, Add	*170.04*	
04 05 19 13-0148		**3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement** *(04 05 19 13-0140)*		
04 05 19 13-0149	CLF	#10 (For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	156.52	
		For Hot-Dipped Galvanized, Add	*46.06*	
		For Stainless Steel, Add	*184.24*	
04 05 19 13-0150	CLF	#12 (For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	165.04	
		For Hot-Dipped Galvanized, Add	*47.10*	
		For Stainless Steel, Add	*188.38*	
04 05 19 13-0151	CLF	#14 (For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	177.03	
		For Hot-Dipped Galvanized, Add	*48.26*	
		For Stainless Steel, Add	*193.04*	
04 05 19 13-0152	CLF	#16 (For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	184.89	
		For Hot-Dipped Galvanized, Add	*49.30*	
		For Stainless Steel, Add	*197.18*	
04 05 19 13-0153	CLF	#18 (For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	192.40	
		For Hot-Dipped Galvanized, Add	*50.48*	
		For Stainless Steel, Add	*201.90*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0154		CLF	#20 (For 14" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	200.94	
			For Hot-Dipped Galvanized, Add	*52.95*	
			For Stainless Steel, Add	*211.80*	

04 05 19 13-0155 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement *(04 05 19 13-0140)*

04 05 19 13-0156		CLF	#10 (For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	157.98	
			For Hot-Dipped Galvanized, Add	*46.79*	
			For Stainless Steel, Add	*187.16*	
04 05 19 13-0157		CLF	#12 (For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	167.66	
			For Hot-Dipped Galvanized, Add	*48.41*	
			For Stainless Steel, Add	*193.62*	
04 05 19 13-0158		CLF	#14 (For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	180.58	
			For Hot-Dipped Galvanized, Add	*50.04*	
			For Stainless Steel, Add	*200.14*	
04 05 19 13-0159		CLF	#16 (For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	190.22	
			For Hot-Dipped Galvanized, Add	*51.96*	
			For Stainless Steel, Add	*207.84*	
04 05 19 13-0160		CLF	#18 (For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	199.18	
			For Hot-Dipped Galvanized, Add	*53.87*	
			For Stainless Steel, Add	*215.46*	
04 05 19 13-0161		CLF	#20 (For 14" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	208.24	
			For Hot-Dipped Galvanized, Add	*56.60*	
			For Stainless Steel, Add	*226.40*	

04 05 19 13-0162 Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0002)*

04 05 19 13-0163 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0162)*

04 05 19 13-0164		CLF	#8 (For 4" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	129.13	
			For Hot-Dipped Galvanized, Add	*32.37*	
			For Stainless Steel, Add	*129.46*	
			For Seismic Hook And Eye, Add	*13.92*	
04 05 19 13-0165		CLF	#10 (For 6" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	137.26	
			For Hot-Dipped Galvanized, Add	*33.21*	
			For Stainless Steel, Add	*132.82*	
			For Seismic Hook And Eye, Add	*14.28*	
04 05 19 13-0166		CLF	#12 (For 8" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	148.73	
			For Hot-Dipped Galvanized, Add	*34.11*	
			For Stainless Steel, Add	*136.44*	
			For Seismic Hook And Eye, Add	*14.67*	
04 05 19 13-0167		CLF	#14 (For 10" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	156.44	
			For Hot-Dipped Galvanized, Add	*35.07*	
			For Stainless Steel, Add	*140.28*	
			For Seismic Hook And Eye, Add	*15.08*	
04 05 19 13-0168		CLF	#16 (For 12" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	163.60	
			For Hot-Dipped Galvanized, Add	*36.08*	
			For Stainless Steel, Add	*144.30*	
			For Seismic Hook And Eye, Add	*15.51*	
04 05 19 13-0169		CLF	#18 (For 14" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	169.00	
			For Hot-Dipped Galvanized, Add	*36.98*	
			For Stainless Steel, Add	*147.92*	
			For Seismic Hook And Eye, Add	*15.90*	

04 05 19 13-0170 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0162)*

04 05 19 13-0171		CLF	#8 (For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	148.46	
			For Hot-Dipped Galvanized, Add	*42.03*	
			For Stainless Steel, Add	*168.12*	
			For Seismic Hook And Eye, Add	*18.07*	
04 05 19 13-0172		CLF	#10 (For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	156.22	
			For Hot-Dipped Galvanized, Add	*42.69*	
			For Stainless Steel, Add	*170.74*	
			For Seismic Hook And Eye, Add	*18.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0173	CLF	#12 (For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	167.74	
		For Hot-Dipped Galvanized, Add	*43.62*	
		For Stainless Steel, Add	*174.46*	
		For Seismic Hook And Eye, Add	*18.75*	
04 05 19 13-0174	CLF	#14 (For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	175.34	
		For Hot-Dipped Galvanized, Add	*44.52*	
		For Stainless Steel, Add	*178.08*	
		For Seismic Hook And Eye, Add	*19.14*	
04 05 19 13-0175	CLF	#16 (For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	182.29	
		For Hot-Dipped Galvanized, Add	*45.42*	
		For Stainless Steel, Add	*181.68*	
		For Seismic Hook And Eye, Add	*19.53*	
04 05 19 13-0176	CLF	#18 (For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	189.79	
		For Hot-Dipped Galvanized, Add	*47.38*	
		For Stainless Steel, Add	*189.50*	
		For Seismic Hook And Eye, Add	*20.37*	

04 05 19 13-0177 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0162)*

04 05 19 13-0178	CLF	#8 (For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	149.89	
		For Hot-Dipped Galvanized, Add	*42.75*	
		For Stainless Steel, Add	*170.98*	
		For Seismic Hook And Eye, Add	*18.38*	
04 05 19 13-0179	CLF	#10 (For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	159.42	
		For Hot-Dipped Galvanized, Add	*44.29*	
		For Stainless Steel, Add	*177.14*	
		For Seismic Hook And Eye, Add	*19.04*	
04 05 19 13-0180	CLF	#12 (For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	172.14	
		For Hot-Dipped Galvanized, Add	*45.82*	
		For Stainless Steel, Add	*183.26*	
		For Seismic Hook And Eye, Add	*19.70*	
04 05 19 13-0181	CLF	#14 (For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	181.60	
		For Hot-Dipped Galvanized, Add	*47.65*	
		For Stainless Steel, Add	*190.60*	
		For Seismic Hook And Eye, Add	*20.49*	
04 05 19 13-0182	CLF	#16 (For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	190.42	
		For Hot-Dipped Galvanized, Add	*49.49*	
		For Stainless Steel, Add	*197.94*	
		For Seismic Hook And Eye, Add	*21.28*	
04 05 19 13-0183	CLF	#18 (For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	197.65	
		For Hot-Dipped Galvanized, Add	*51.31*	
		For Stainless Steel, Add	*205.22*	
		For Seismic Hook And Eye, Add	*22.06*	

04 05 19 13-0184 Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement *(04 05 19 13-0002)*

04 05 19 13-0185 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement *(04 05 19 13-0184)*

04 05 19 13-0186	CLF	#10 (For 4" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	139.42	
		For Hot-Dipped Galvanized, Add	*34.29*	
		For Stainless Steel, Add	*137.14*	
		For Seismic Hook And Eye, Add	*14.74*	
04 05 19 13-0187	CLF	#12 (For 6" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	150.74	
		For Hot-Dipped Galvanized, Add	*35.12*	
		For Stainless Steel, Add	*140.46*	
		For Seismic Hook And Eye, Add	*15.10*	
04 05 19 13-0188	CLF	#14 (For 8" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	158.19	
		For Hot-Dipped Galvanized, Add	*35.95*	
		For Stainless Steel, Add	*143.78*	
		For Seismic Hook And Eye, Add	*15.46*	
04 05 19 13-0189	CLF	#16 (For 10" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	165.46	
		For Hot-Dipped Galvanized, Add	*37.01*	
		For Stainless Steel, Add	*148.02*	
		For Seismic Hook And Eye, Add	*15.91*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0190		CLF	#18 (For 12" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	170.98	
			For Hot-Dipped Galvanized, Add	*37.97*	
			For Stainless Steel, Add	*151.88*	
			For Seismic Hook And Eye, Add	*16.33*	

04 05 19 13-0191 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement *(04 05 19 13-0184)*

04 05 19 13-0192		CLF	#10 (For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	158.05	
			For Hot-Dipped Galvanized, Add	*43.60*	
			For Stainless Steel, Add	*174.40*	
			For Seismic Hook And Eye, Add	*18.75*	
04 05 19 13-0193		CLF	#12 (For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	169.52	
			For Hot-Dipped Galvanized, Add	*44.51*	
			For Stainless Steel, Add	*178.02*	
			For Seismic Hook And Eye, Add	*19.14*	
04 05 19 13-0194		CLF	#14 (For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	177.23	
			For Hot-Dipped Galvanized, Add	*45.47*	
			For Stainless Steel, Add	*181.86*	
			For Seismic Hook And Eye, Add	*19.55*	
04 05 19 13-0195		CLF	#16 (For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	183.92	
			For Hot-Dipped Galvanized, Add	*46.24*	
			For Stainless Steel, Add	*184.94*	
			For Seismic Hook And Eye, Add	*19.88*	
04 05 19 13-0196		CLF	#18 (For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	189.61	
			For Hot-Dipped Galvanized, Add	*47.29*	
			For Stainless Steel, Add	*189.14*	
			For Seismic Hook And Eye, Add	*20.33*	

04 05 19 13-0197 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement *(04 05 19 13-0184)*

04 05 19 13-0198		CLF	#10 (For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	159.98	
			For Hot-Dipped Galvanized, Add	*44.57*	
			For Stainless Steel, Add	*178.26*	
			For Seismic Hook And Eye, Add	*19.16*	
04 05 19 13-0199		CLF	#12 (For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	172.72	
			For Hot-Dipped Galvanized, Add	*46.11*	
			For Stainless Steel, Add	*184.42*	
			For Seismic Hook And Eye, Add	*19.83*	
04 05 19 13-0200		CLF	#14 (For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	181.60	
			For Hot-Dipped Galvanized, Add	*47.65*	
			For Stainless Steel, Add	*190.60*	
			For Seismic Hook And Eye, Add	*20.49*	
04 05 19 13-0201		CLF	#16 (For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	190.42	
			For Hot-Dipped Galvanized, Add	*49.49*	
			For Stainless Steel, Add	*197.94*	
			For Seismic Hook And Eye, Add	*21.28*	
04 05 19 13-0202		CLF	#18 (For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	197.65	
			For Hot-Dipped Galvanized, Add	*51.31*	
			For Stainless Steel, Add	*205.22*	
			For Seismic Hook And Eye, Add	*22.06*	

04 05 19 13-0203 Truss-Type, Masonry Wall Reinforcement *(04 05 19 13-0001)*

04 05 19 13-0204 Truss-Type, Masonry Wall Reinforcement *(04 05 19 13-0203)*

04 05 19 13-0205 Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement *(04 05 19 13-0204)*

04 05 19 13-0206		CLF	#4 (For 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	71.61	
			For Hot-Dipped Galvanized, Add	*13.48*	
			For Stainless Steel, Add	*53.92*	
04 05 19 13-0207		CLF	#6 (For 6" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	74.95	
			For Hot-Dipped Galvanized, Add	*13.63*	
			For Stainless Steel, Add	*54.50*	
04 05 19 13-0208		CLF	#8 (For 8" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	80.37	
			For Hot-Dipped Galvanized, Add	*14.17*	
			For Stainless Steel, Add	*56.66*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0209	CLF	#10 (For 10" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	86.98	
		For Hot-Dipped Galvanized, Add	*14.87*	
		For Stainless Steel, Add	*59.46*	
04 05 19 13-0210	CLF	#12 (For 12" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	94.91	
		For Hot-Dipped Galvanized, Add	*15.65*	
		For Stainless Steel, Add	*62.60*	
04 05 19 13-0211	CLF	#13 (For 13" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	100.83	
		For Hot-Dipped Galvanized, Add	*16.07*	
		For Stainless Steel, Add	*64.28*	
04 05 19 13-0212	CLF	#14 (For 14" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	104.93	
		For Hot-Dipped Galvanized, Add	*16.69*	
		For Stainless Steel, Add	*66.74*	
04 05 19 13-0213	CLF	#16 (For 16" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	123.58	
		For Hot-Dipped Galvanized, Add	*23.44*	
		For Stainless Steel, Add	*93.76*	
04 05 19 13-0214	CLF	#18 (For 18" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	130.83	
		For Hot-Dipped Galvanized, Add	*24.78*	
		For Stainless Steel, Add	*99.12*	
04 05 19 13-0215	CLF	#20 (For 20" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	172.73	
		For Hot-Dipped Galvanized, Add	*42.86*	
		For Stainless Steel, Add	*171.44*	

04 05 19 13-0216 Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement *(04 05 19 13-0204)*

04 05 19 13-0217	CLF	#4 (For 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	82.04	
		For Hot-Dipped Galvanized, Add	*18.70*	
		For Stainless Steel, Add	*74.78*	
04 05 19 13-0218	CLF	#6 (For 6" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	85.61	
		For Hot-Dipped Galvanized, Add	*18.96*	
		For Stainless Steel, Add	*75.82*	
04 05 19 13-0219	CLF	#8 (For 8" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	91.03	
		For Hot-Dipped Galvanized, Add	*19.50*	
		For Stainless Steel, Add	*77.98*	
04 05 19 13-0220	CLF	#10 (For 10" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	97.61	
		For Hot-Dipped Galvanized, Add	*20.18*	
		For Stainless Steel, Add	*80.72*	
04 05 19 13-0221	CLF	#12 (For 12" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	105.39	
		For Hot-Dipped Galvanized, Add	*20.89*	
		For Stainless Steel, Add	*83.56*	
04 05 19 13-0222	CLF	#13 (For 13" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	111.45	
		For Hot-Dipped Galvanized, Add	*21.39*	
		For Stainless Steel, Add	*85.54*	
04 05 19 13-0223	CLF	#14 (For 14" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	115.38	
		For Hot-Dipped Galvanized, Add	*21.91*	
		For Stainless Steel, Add	*87.64*	
04 05 19 13-0224	CLF	#16 (For 16" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	137.61	
		For Hot-Dipped Galvanized, Add	*30.46*	
		For Stainless Steel, Add	*121.82*	
04 05 19 13-0225	CLF	#18 (For 18" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	144.86	
		For Hot-Dipped Galvanized, Add	*31.80*	
		For Stainless Steel, Add	*127.18*	
04 05 19 13-0226	CLF	#20 (For 20" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	201.40	
		For Hot-Dipped Galvanized, Add	*60.07*	
		For Stainless Steel, Add	*240.26*	

04 05 19 13-0227 Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement *(04 05 19 13-0204)*

04 05 19 13-0228	CLF	#4 (For 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	97.99	
		For Hot-Dipped Galvanized, Add	*26.67*	
		For Stainless Steel, Add	*106.68*	
04 05 19 13-0229	CLF	#6 (For 6" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	102.10	
		For Hot-Dipped Galvanized, Add	*27.01*	
		For Stainless Steel, Add	*108.02*	
04 05 19 13-0230	CLF	#8 (For 8" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	107.51	
		For Hot-Dipped Galvanized, Add	*28.00*	
		For Stainless Steel, Add	*111.98*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0231	CLF	#10 (For 10" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	115.95	
		For Hot-Dipped Galvanized, Add	*29.35*	
		For Stainless Steel, Add	*117.40*	
04 05 19 13-0232	CLF	#12 (For 12" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	125.06	
		For Hot-Dipped Galvanized, Add	*31.04*	
		For Stainless Steel, Add	*124.16*	
04 05 19 13-0233	CLF	#13 (For 13" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	132.32	
		For Hot-Dipped Galvanized, Add	*31.81*	
		For Stainless Steel, Add	*127.24*	
04 05 19 13-0234	CLF	#14 (For 14" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	137.48	
		For Hot-Dipped Galvanized, Add	*32.96*	
		For Stainless Steel, Add	*131.84*	
04 05 19 13-0235	CLF	#16 (For 16" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	169.24	
		For Hot-Dipped Galvanized, Add	*46.27*	
		For Stainless Steel, Add	*185.06*	
04 05 19 13-0236	CLF	#18 (For 18" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	179.06	
		For Hot-Dipped Galvanized, Add	*48.89*	
		For Stainless Steel, Add	*195.54*	
04 05 19 13-0237	CLF	#20 (For 20" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	256.06	
		For Hot-Dipped Galvanized, Add	*84.53*	
		For Stainless Steel, Add	*338.10*	

04 05 19 13-0238 Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement *(04 05 19 13-0204)*

04 05 19 13-0239	CLF	#4 (For 4" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	87.94	
		For Hot-Dipped Galvanized, Add	*21.65*	
		For Stainless Steel, Add	*86.58*	
04 05 19 13-0240	CLF	#6 (For 6" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	91.94	
		For Hot-Dipped Galvanized, Add	*22.12*	
		For Stainless Steel, Add	*88.46*	
04 05 19 13-0241	CLF	#8 (For 8" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	97.35	
		For Hot-Dipped Galvanized, Add	*22.66*	
		For Stainless Steel, Add	*90.62*	
04 05 19 13-0242	CLF	#10 (For 10" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	103.78	
		For Hot-Dipped Galvanized, Add	*23.27*	
		For Stainless Steel, Add	*93.06*	
04 05 19 13-0243	CLF	#12 (For 12" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	111.34	
		For Hot-Dipped Galvanized, Add	*23.86*	
		For Stainless Steel, Add	*95.44*	
04 05 19 13-0244	CLF	#13 (For 13" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	117.01	
		For Hot-Dipped Galvanized, Add	*24.16*	
		For Stainless Steel, Add	*96.62*	
04 05 19 13-0245	CLF	#14 (For 14" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	121.09	
		For Hot-Dipped Galvanized, Add	*24.49*	
		For Stainless Steel, Add	*97.94*	
04 05 19 13-0246	CLF	#16 (For 16" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	134.94	
		For Hot-Dipped Galvanized, Add	*29.12*	
		For Stainless Steel, Add	*116.46*	

04 05 19 13-0247 Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement *(04 05 19 13-0204)*

04 05 19 13-0248	CLF	#4 (For 4" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	98.47	
		For Hot-Dipped Galvanized, Add	*26.91*	
		For Stainless Steel, Add	*107.64*	
04 05 19 13-0249	CLF	#6 (For 6" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	102.62	
		For Hot-Dipped Galvanized, Add	*27.46*	
		For Stainless Steel, Add	*109.82*	
04 05 19 13-0250	CLF	#8 (For 8" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	108.14	
		For Hot-Dipped Galvanized, Add	*28.05*	
		For Stainless Steel, Add	*112.20*	
04 05 19 13-0251	CLF	#10 (For 10" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	114.46	
		For Hot-Dipped Galvanized, Add	*28.61*	
		For Stainless Steel, Add	*114.42*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0252	CLF	#12 (For 12" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	121.99	
		For Hot-Dipped Galvanized, Add	*29.19*	
		For Stainless Steel, Add	*116.74*	
04 05 19 13-0253	CLF	#13 (For 13" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	127.69	
		For Hot-Dipped Galvanized, Add	*29.51*	
		For Stainless Steel, Add	*118.02*	
04 05 19 13-0254	CLF	#14 (For 14" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	131.72	
		For Hot-Dipped Galvanized, Add	*29.80*	
		For Stainless Steel, Add	*119.18*	
04 05 19 13-0255	CLF	#16 (For 16" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	148.96	
		For Hot-Dipped Galvanized, Add	*36.13*	
		For Stainless Steel, Add	*144.52*	
04 05 19 13-0256	CLF	#18 (For 18" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	182.12	
		For Hot-Dipped Galvanized, Add	*50.43*	
		For Stainless Steel, Add	*201.70*	

04 05 19 13-0257 Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement *(04 05 19 13-0204)*

04 05 19 13-0258	CLF	#4 (For 4" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	108.68	
		For Hot-Dipped Galvanized, Add	*32.02*	
		For Stainless Steel, Add	*128.06*	
04 05 19 13-0259	CLF	#6 (For 6" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	114.31	
		For Hot-Dipped Galvanized, Add	*33.11*	
		For Stainless Steel, Add	*132.44*	
04 05 19 13-0260	CLF	#8 (For 8" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	119.93	
		For Hot-Dipped Galvanized, Add	*34.21*	
		For Stainless Steel, Add	*136.82*	
04 05 19 13-0261	CLF	#10 (For 10" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	128.27	
		For Hot-Dipped Galvanized, Add	*35.51*	
		For Stainless Steel, Add	*142.04*	
04 05 19 13-0262	CLF	#12 (For 12" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	136.60	
		For Hot-Dipped Galvanized, Add	*36.81*	
		For Stainless Steel, Add	*147.24*	
04 05 19 13-0263	CLF	#13 (For 13" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	143.71	
		For Hot-Dipped Galvanized, Add	*37.51*	
		For Stainless Steel, Add	*150.02*	
04 05 19 13-0264	CLF	#14 (For 14" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	147.76	
		For Hot-Dipped Galvanized, Add	*38.10*	
		For Stainless Steel, Add	*152.40*	
04 05 19 13-0265	CLF	#16 (For 16" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	155.30	
		For Hot-Dipped Galvanized, Add	*39.30*	
		For Stainless Steel, Add	*157.18*	
04 05 19 13-0266	CLF	#18 (For 18" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	195.81	
		For Hot-Dipped Galvanized, Add	*57.26*	
		For Stainless Steel, Add	*229.04*	

04 05 19 13-0267 Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement *(04 05 19 13-0204)*

04 05 19 13-0268	CLF	#4 (For 4" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	112.20	
		For Hot-Dipped Galvanized, Add	*33.78*	
		For Stainless Steel, Add	*135.10*	
04 05 19 13-0269	CLF	#6 (For 6" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	116.20	
		For Hot-Dipped Galvanized, Add	*34.25*	
		For Stainless Steel, Add	*136.98*	
04 05 19 13-0270	CLF	#8 (For 8" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	121.61	
		For Hot-Dipped Galvanized, Add	*34.79*	
		For Stainless Steel, Add	*139.14*	
04 05 19 13-0271	CLF	#10 (For 10" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	128.04	
		For Hot-Dipped Galvanized, Add	*35.40*	
		For Stainless Steel, Add	*141.58*	
04 05 19 13-0272	CLF	#12 (For 12" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	135.61	
		For Hot-Dipped Galvanized, Add	*36.00*	
		For Stainless Steel, Add	*143.98*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0273	CLF	#13 (For 13" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	141.27	
		For Hot-Dipped Galvanized, Add	*36.29*	
		For Stainless Steel, Add	*145.14*	
04 05 19 13-0274	CLF	#14 (For 14" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	145.35	
		For Hot-Dipped Galvanized, Add	*36.62*	
		For Stainless Steel, Add	*146.46*	
04 05 19 13-0275	CLF	#16 (For 16" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	159.21	
		For Hot-Dipped Galvanized, Add	*41.25*	
		For Stainless Steel, Add	*165.00*	
04 05 19 13-0276	CLF	#18 (For 18" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	182.33	
		For Hot-Dipped Galvanized, Add	*50.53*	
		For Stainless Steel, Add	*202.10*	

04 05 19 13-0277 Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement *(04 05 19 13-0204)*

04 05 19 13-0278	CLF	#4 (For 4" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	122.74	
		For Hot-Dipped Galvanized, Add	*39.05*	
		For Stainless Steel, Add	*156.18*	
04 05 19 13-0279	CLF	#6 (For 6" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	126.88	
		For Hot-Dipped Galvanized, Add	*39.59*	
		For Stainless Steel, Add	*158.34*	
04 05 19 13-0280	CLF	#8 (For 8" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	132.40	
		For Hot-Dipped Galvanized, Add	*40.18*	
		For Stainless Steel, Add	*160.72*	
04 05 19 13-0281	CLF	#10 (For 10" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	138.72	
		For Hot-Dipped Galvanized, Add	*40.74*	
		For Stainless Steel, Add	*162.94*	
04 05 19 13-0282	CLF	#12 (For 12" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	146.26	
		For Hot-Dipped Galvanized, Add	*41.32*	
		For Stainless Steel, Add	*165.28*	
04 05 19 13-0283	CLF	#13 (For 13" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	151.95	
		For Hot-Dipped Galvanized, Add	*41.64*	
		For Stainless Steel, Add	*166.54*	
04 05 19 13-0284	CLF	#14 (For 14" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	155.99	
		For Hot-Dipped Galvanized, Add	*41.93*	
		For Stainless Steel, Add	*167.72*	
04 05 19 13-0285	CLF	#16 (For 16" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	173.23	
		For Hot-Dipped Galvanized, Add	*48.27*	
		For Stainless Steel, Add	*193.06*	
04 05 19 13-0286	CLF	#18 (For 18" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	206.39	
		For Hot-Dipped Galvanized, Add	*62.56*	
		For Stainless Steel, Add	*250.24*	

04 05 19 13-0287 Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement *(04 05 19 13-0204)*

04 05 19 13-0288	CLF	#4 (For 4" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	132.94	
		For Hot-Dipped Galvanized, Add	*44.15*	
		For Stainless Steel, Add	*176.58*	
04 05 19 13-0289	CLF	#6 (For 6" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	138.57	
		For Hot-Dipped Galvanized, Add	*45.24*	
		For Stainless Steel, Add	*180.96*	
04 05 19 13-0290	CLF	#8 (For 8" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	144.19	
		For Hot-Dipped Galvanized, Add	*46.34*	
		For Stainless Steel, Add	*185.34*	
04 05 19 13-0291	CLF	#10 (For 10" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	152.53	
		For Hot-Dipped Galvanized, Add	*47.64*	
		For Stainless Steel, Add	*190.56*	
04 05 19 13-0292	CLF	#12 (For 12" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	160.87	
		For Hot-Dipped Galvanized, Add	*48.95*	
		For Stainless Steel, Add	*195.78*	
04 05 19 13-0293	CLF	#13 (For 13" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	167.97	
		For Hot-Dipped Galvanized, Add	*49.64*	
		For Stainless Steel, Add	*198.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0294	CLF	#14 (For 14" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	172.03	
		For Hot-Dipped Galvanized, Add	*50.24*	
		For Stainless Steel, Add	*200.94*	
04 05 19 13-0295	CLF	#16 (For 16" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	179.56	
		For Hot-Dipped Galvanized, Add	*51.43*	
		For Stainless Steel, Add	*205.70*	
04 05 19 13-0296	CLF	#18 (For 18" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	220.08	
		For Hot-Dipped Galvanized, Add	*69.40*	
		For Stainless Steel, Add	*277.58*	

04 05 19 13-0297 Truss-Type With Tabs, Masonry Wall Reinforcement *(04 05 19 13-0203)*

04 05 19 13-0298 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement *(04 05 19 13-0297)*

04 05 19 13-0299	CLF	#8 (For 8" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	100.22	
		For Hot-Dipped Galvanized, Add	*21.13*	
		For Stainless Steel, Add	*84.50*	
04 05 19 13-0300	CLF	#10 (For 10" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	108.69	
		For Hot-Dipped Galvanized, Add	*22.15*	
		For Stainless Steel, Add	*88.58*	
04 05 19 13-0301	CLF	#12 (For 12" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	117.73	
		For Hot-Dipped Galvanized, Add	*23.44*	
		For Stainless Steel, Add	*93.76*	
04 05 19 13-0302	CLF	#13 (For 13" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	125.93	
		For Hot-Dipped Galvanized, Add	*24.33*	
		For Stainless Steel, Add	*97.30*	
04 05 19 13-0303	CLF	#14 (For 14" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	130.65	
		For Hot-Dipped Galvanized, Add	*25.07*	
		For Stainless Steel, Add	*100.28*	
04 05 19 13-0304	CLF	#16 (For 16" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	140.02	
		For Hot-Dipped Galvanized, Add	*26.86*	
		For Stainless Steel, Add	*107.44*	
04 05 19 13-0305	CLF	#18 (For 18" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	148.75	
		For Hot-Dipped Galvanized, Add	*28.65*	
		For Stainless Steel, Add	*114.60*	

04 05 19 13-0306 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement *(04 05 19 13-0297)*

04 05 19 13-0307	CLF	#8 (For 8" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	113.38	
		For Hot-Dipped Galvanized, Add	*27.71*	
		For Stainless Steel, Add	*110.82*	
04 05 19 13-0308	CLF	#10 (For 10" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	121.88	
		For Hot-Dipped Galvanized, Add	*28.74*	
		For Stainless Steel, Add	*114.96*	
04 05 19 13-0309	CLF	#12 (For 12" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	130.86	
		For Hot-Dipped Galvanized, Add	*30.01*	
		For Stainless Steel, Add	*120.02*	
04 05 19 13-0310	CLF	#13 (For 13" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	139.09	
		For Hot-Dipped Galvanized, Add	*30.91*	
		For Stainless Steel, Add	*123.62*	
04 05 19 13-0311	CLF	#14 (For 14" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	143.72	
		For Hot-Dipped Galvanized, Add	*31.61*	
		For Stainless Steel, Add	*126.42*	
04 05 19 13-0312	CLF	#16 (For 16" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	153.12	
		For Hot-Dipped Galvanized, Add	*33.41*	
		For Stainless Steel, Add	*133.64*	
04 05 19 13-0313	CLF	#18 (For 18" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	161.91	
		For Hot-Dipped Galvanized, Add	*35.23*	
		For Stainless Steel, Add	*140.92*	

04 05 19 13-0314 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement *(04 05 19 13-0297)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0315	CLF	#8 (For 8" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	125.58	
		For Hot-Dipped Galvanized, Add	*33.81*	
		For Stainless Steel, Add	*135.22*	
04 05 19 13-0316	CLF	#10 (For 10" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	135.21	
		For Hot-Dipped Galvanized, Add	*35.41*	
		For Stainless Steel, Add	*141.62*	
04 05 19 13-0317	CLF	#12 (For 12" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	146.06	
		For Hot-Dipped Galvanized, Add	*37.61*	
		For Stainless Steel, Add	*150.42*	
04 05 19 13-0318	CLF	#13 (For 13" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	154.88	
		For Hot-Dipped Galvanized, Add	*38.80*	
		For Stainless Steel, Add	*155.20*	
04 05 19 13-0319	CLF	#14 (For 14" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	160.49	
		For Hot-Dipped Galvanized, Add	*39.99*	
		For Stainless Steel, Add	*159.96*	
04 05 19 13-0320	CLF	#16 (For 16" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	171.67	
		For Hot-Dipped Galvanized, Add	*42.69*	
		For Stainless Steel, Add	*170.74*	
04 05 19 13-0321	CLF	#18 (For 18" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	181.27	
		For Hot-Dipped Galvanized, Add	*44.91*	
		For Stainless Steel, Add	*179.64*	

04 05 19 13-0322 Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0203)*

04 05 19 13-0323 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0322)*

04 05 19 13-0324	CLF	#8 (For 4" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	141.24	
		For Hot-Dipped Galvanized, Add	*41.64*	
		For Stainless Steel, Add	*166.54*	
04 05 19 13-0325	CLF	#10 (For 6" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	148.26	
		For Hot-Dipped Galvanized, Add	*41.93*	
		For Stainless Steel, Add	*167.72*	
04 05 19 13-0326	CLF	#12 (For 8" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	156.74	
		For Hot-Dipped Galvanized, Add	*42.95*	
		For Stainless Steel, Add	*171.78*	
04 05 19 13-0327	CLF	#14 (For 10" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	169.11	
		For Hot-Dipped Galvanized, Add	*44.30*	
		For Stainless Steel, Add	*177.20*	
04 05 19 13-0328	CLF	#16 (For 12" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	178.10	
		For Hot-Dipped Galvanized, Add	*45.90*	
		For Stainless Steel, Add	*183.60*	
04 05 19 13-0329	CLF	#18 (For 14" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	187.16	
		For Hot-Dipped Galvanized, Add	*47.86*	
		For Stainless Steel, Add	*191.42*	

04 05 19 13-0330 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0322)*

04 05 19 13-0331	CLF	#8 (For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	161.60	
		For Hot-Dipped Galvanized, Add	*51.82*	
		For Stainless Steel, Add	*207.26*	
04 05 19 13-0332	CLF	#10 (For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	168.90	
		For Hot-Dipped Galvanized, Add	*52.25*	
		For Stainless Steel, Add	*209.00*	
04 05 19 13-0333	CLF	#12 (For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	177.39	
		For Hot-Dipped Galvanized, Add	*53.27*	
		For Stainless Steel, Add	*213.08*	
04 05 19 13-0334	CLF	#14 (For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	189.70	
		For Hot-Dipped Galvanized, Add	*54.60*	
		For Stainless Steel, Add	*218.38*	
04 05 19 13-0335	CLF	#16 (For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	198.43	
		For Hot-Dipped Galvanized, Add	*56.07*	
		For Stainless Steel, Add	*224.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0336	CLF	#18 (For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	206.55	
		For Hot-Dipped Galvanized, Add	*57.55*	
		For Stainless Steel, Add	*230.20*	

04 05 19 13-0337 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0322)*

04 05 19 13-0338	CLF	#8 (For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	172.75	
		For Hot-Dipped Galvanized, Add	*57.39*	
		For Stainless Steel, Add	*229.56*	
04 05 19 13-0339	CLF	#10 (For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	180.05	
		For Hot-Dipped Galvanized, Add	*57.83*	
		For Stainless Steel, Add	*231.30*	
04 05 19 13-0340	CLF	#12 (For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	189.70	
		For Hot-Dipped Galvanized, Add	*59.43*	
		For Stainless Steel, Add	*237.70*	
04 05 19 13-0341	CLF	#14 (For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	203.56	
		For Hot-Dipped Galvanized, Add	*61.53*	
		For Stainless Steel, Add	*246.10*	
04 05 19 13-0342	CLF	#16 (For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	214.65	
		For Hot-Dipped Galvanized, Add	*64.18*	
		For Stainless Steel, Add	*256.70*	
04 05 19 13-0343	CLF	#18 (For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	225.68	
		For Hot-Dipped Galvanized, Add	*67.12*	
		For Stainless Steel, Add	*268.46*	

04 05 19 13-0344 Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement *(04 05 19 13-0203)*

04 05 19 13-0345 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement *(04 05 19 13-0344)*

04 05 19 13-0346	CLF	#10 (For 4" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	151.55	
		For Hot-Dipped Galvanized, Add	*43.58*	
		For Stainless Steel, Add	*174.30*	
04 05 19 13-0347	CLF	#12 (For 6" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	158.61	
		For Hot-Dipped Galvanized, Add	*43.88*	
		For Stainless Steel, Add	*175.52*	
04 05 19 13-0348	CLF	#14 (For 8" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	170.25	
		For Hot-Dipped Galvanized, Add	*44.87*	
		For Stainless Steel, Add	*179.48*	
04 05 19 13-0349	CLF	#16 (For 10" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	178.72	
		For Hot-Dipped Galvanized, Add	*46.21*	
		For Stainless Steel, Add	*184.84*	
04 05 19 13-0350	CLF	#18 (For 12" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	187.13	
		For Hot-Dipped Galvanized, Add	*47.84*	
		For Stainless Steel, Add	*191.36*	
04 05 19 13-0351	CLF	#20 (For 14" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	194.04	
		For Hot-Dipped Galvanized, Add	*49.50*	
		For Stainless Steel, Add	*198.00*	

04 05 19 13-0352 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement *(04 05 19 13-0344)*

04 05 19 13-0353	CLF	#10 (For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	171.84	
		For Hot-Dipped Galvanized, Add	*53.72*	
		For Stainless Steel, Add	*214.88*	
04 05 19 13-0354	CLF	#12 (For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	179.16	
		For Hot-Dipped Galvanized, Add	*54.16*	
		For Stainless Steel, Add	*216.62*	
04 05 19 13-0355	CLF	#14 (For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	190.86	
		For Hot-Dipped Galvanized, Add	*55.18*	
		For Stainless Steel, Add	*220.70*	
04 05 19 13-0356	CLF	#16 (For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	199.33	
		For Hot-Dipped Galvanized, Add	*56.52*	
		For Stainless Steel, Add	*226.06*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0357		CLF	#18 (For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	207.42	
			For Hot-Dipped Galvanized, Add	*57.99*	
			For Stainless Steel, Add	*231.94*	
04 05 19 13-0358		CLF	#20 (For 14" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	214.50	
			For Hot-Dipped Galvanized, Add	*59.73*	
			For Stainless Steel, Add	*238.92*	

04 05 19 13-0359 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement *(04 05 19 13-0344)*

04 05 19 13-0360		CLF	#10 (For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	183.02	
			For Hot-Dipped Galvanized, Add	*59.31*	
			For Stainless Steel, Add	*237.24*	
04 05 19 13-0361		CLF	#12 (For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	190.31	
			For Hot-Dipped Galvanized, Add	*59.73*	
			For Stainless Steel, Add	*238.92*	
04 05 19 13-0362		CLF	#14 (For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	203.24	
			For Hot-Dipped Galvanized, Add	*61.37*	
			For Stainless Steel, Add	*245.46*	
04 05 19 13-0363		CLF	#16 (For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	213.19	
			For Hot-Dipped Galvanized, Add	*63.45*	
			For Stainless Steel, Add	*253.78*	
04 05 19 13-0364		CLF	#18 (For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	223.61	
			For Hot-Dipped Galvanized, Add	*66.08*	
			For Stainless Steel, Add	*264.32*	
04 05 19 13-0365		CLF	#20 (For 14" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	231.22	
			For Hot-Dipped Galvanized, Add	*68.09*	
			For Stainless Steel, Add	*272.36*	

04 05 19 13-0366 Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0203)*

04 05 19 13-0367 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0366)*

04 05 19 13-0368		CLF	#8 (For 4" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	143.71	
			For Hot-Dipped Galvanized, Add	*39.66*	
			For Stainless Steel, Add	*158.62*	
			For Seismic Hook And Eye, Add	*17.05*	
04 05 19 13-0369		CLF	#10 (For 6" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	150.72	
			For Hot-Dipped Galvanized, Add	*39.94*	
			For Stainless Steel, Add	*159.74*	
			For Seismic Hook And Eye, Add	*17.17*	
04 05 19 13-0370		CLF	#12 (For 8" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	162.09	
			For Hot-Dipped Galvanized, Add	*40.79*	
			For Stainless Steel, Add	*163.16*	
			For Seismic Hook And Eye, Add	*17.54*	
04 05 19 13-0371		CLF	#14 (For 10" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	170.36	
			For Hot-Dipped Galvanized, Add	*42.03*	
			For Stainless Steel, Add	*168.12*	
			For Seismic Hook And Eye, Add	*18.07*	
04 05 19 13-0372		CLF	#16 (For 12" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	178.07	
			For Hot-Dipped Galvanized, Add	*43.31*	
			For Stainless Steel, Add	*173.24*	
			For Seismic Hook And Eye, Add	*18.62*	
04 05 19 13-0373		CLF	#18 (For 14" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	184.81	
			For Hot-Dipped Galvanized, Add	*44.89*	
			For Stainless Steel, Add	*179.54*	
			For Seismic Hook And Eye, Add	*19.30*	

04 05 19 13-0374 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0366)*

04 05 19 13-0375		CLF	#8 (For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	162.41	
			For Hot-Dipped Galvanized, Add	*49.01*	
			For Stainless Steel, Add	*196.02*	
			For Seismic Hook And Eye, Add	*21.07*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0376	CLF	#10 (For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	169.61	
		For Hot-Dipped Galvanized, Add	*49.38*	
		For Stainless Steel, Add	*197.52*	
		For Seismic Hook And Eye, Add	*21.23*	
04 05 19 13-0377	CLF	#12 (For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	180.85	
		For Hot-Dipped Galvanized, Add	*50.17*	
		For Stainless Steel, Add	*200.68*	
		For Seismic Hook And Eye, Add	*21.57*	
04 05 19 13-0378	CLF	#14 (For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	188.99	
		For Hot-Dipped Galvanized, Add	*51.35*	
		For Stainless Steel, Add	*205.38*	
		For Seismic Hook And Eye, Add	*22.08*	
04 05 19 13-0379	CLF	#16 (For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	196.68	
		For Hot-Dipped Galvanized, Add	*52.62*	
		For Stainless Steel, Add	*210.46*	
		For Seismic Hook And Eye, Add	*22.62*	
04 05 19 13-0380	CLF	#18 (For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	203.06	
		For Hot-Dipped Galvanized, Add	*54.01*	
		For Stainless Steel, Add	*216.04*	
		For Seismic Hook And Eye, Add	*23.22*	

04 05 19 13-0381 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement *(04 05 19 13-0366)*

04 05 19 13-0382	CLF	#8 (For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	173.70	
		For Hot-Dipped Galvanized, Add	*54.65*	
		For Stainless Steel, Add	*218.60*	
		For Seismic Hook And Eye, Add	*23.50*	
04 05 19 13-0383	CLF	#10 (For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	181.00	
		For Hot-Dipped Galvanized, Add	*55.08*	
		For Stainless Steel, Add	*220.30*	
		For Seismic Hook And Eye, Add	*23.68*	
04 05 19 13-0384	CLF	#12 (For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	193.71	
		For Hot-Dipped Galvanized, Add	*56.60*	
		For Stainless Steel, Add	*226.40*	
		For Seismic Hook And Eye, Add	*24.34*	
04 05 19 13-0385	CLF	#14 (For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	203.49	
		For Hot-Dipped Galvanized, Add	*58.60*	
		For Stainless Steel, Add	*234.38*	
		For Seismic Hook And Eye, Add	*25.20*	
04 05 19 13-0386	CLF	#16 (For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	213.68	
		For Hot-Dipped Galvanized, Add	*61.12*	
		For Stainless Steel, Add	*244.46*	
		For Seismic Hook And Eye, Add	*26.28*	
04 05 19 13-0387	CLF	#18 (For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	222.86	
		For Hot-Dipped Galvanized, Add	*63.91*	
		For Stainless Steel, Add	*255.64*	
		For Seismic Hook And Eye, Add	*27.48*	

04 05 19 13-0388 Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement *(04 05 19 13-0203)*

04 05 19 13-0389 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall *(04 05 19 13-0388)*

04 05 19 13-0390	CLF	#10 (For 4" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	153.89	
		For Hot-Dipped Galvanized, Add	*41.52*	
		For Stainless Steel, Add	*166.08*	
		For Seismic Hook And Eye, Add	*17.85*	
04 05 19 13-0391	CLF	#12 (For 6" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	164.13	
		For Hot-Dipped Galvanized, Add	*41.81*	
		For Stainless Steel, Add	*167.24*	
		For Seismic Hook And Eye, Add	*17.98*	
04 05 19 13-0392	CLF	#14 (For 8" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	171.76	
		For Hot-Dipped Galvanized, Add	*42.73*	
		For Stainless Steel, Add	*170.92*	
		For Seismic Hook And Eye, Add	*18.37*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0393		CLF	#16 (For 10" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	179.53	
			For Hot-Dipped Galvanized, Add	*44.04*	
			For Stainless Steel, Add	*176.16*	
			For Seismic Hook And Eye, Add	*18.94*	
04 05 19 13-0394		CLF	#18 (For 12" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	186.15	
			For Hot-Dipped Galvanized, Add	*45.56*	
			For Stainless Steel, Add	*182.22*	
			For Seismic Hook And Eye, Add	*19.59*	

04 05 19 13-0395 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement *(04 05 19 13-0388)*

04 05 19 13-0396		CLF	#10 (For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	174.04	
			For Hot-Dipped Galvanized, Add	*51.60*	
			For Stainless Steel, Add	*206.38*	
			For Seismic Hook And Eye, Add	*22.19*	
04 05 19 13-0397		CLF	#12 (For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	184.34	
			For Hot-Dipped Galvanized, Add	*51.92*	
			For Stainless Steel, Add	*207.66*	
			For Seismic Hook And Eye, Add	*22.32*	
04 05 19 13-0398		CLF	#14 (For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	191.91	
			For Hot-Dipped Galvanized, Add	*52.81*	
			For Stainless Steel, Add	*211.22*	
			For Seismic Hook And Eye, Add	*22.71*	
04 05 19 13-0399		CLF	#16 (For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	199.44	
			For Hot-Dipped Galvanized, Add	*54.00*	
			For Stainless Steel, Add	*215.98*	
			For Seismic Hook And Eye, Add	*23.22*	
04 05 19 13-0400		CLF	#18 (For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	205.48	
			For Hot-Dipped Galvanized, Add	*55.22*	
			For Stainless Steel, Add	*220.88*	
			For Seismic Hook And Eye, Add	*23.74*	

04 05 19 13-0401 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement *(04 05 19 13-0388)*

04 05 19 13-0402		CLF	#10 (For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	183.82	
			For Hot-Dipped Galvanized, Add	*56.49*	
			For Stainless Steel, Add	*225.94*	
			For Seismic Hook And Eye, Add	*24.29*	
04 05 19 13-0403		CLF	#12 (For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	194.30	
			For Hot-Dipped Galvanized, Add	*56.90*	
			For Stainless Steel, Add	*227.58*	
			For Seismic Hook And Eye, Add	*24.46*	
04 05 19 13-0404		CLF	#14 (For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	203.17	
			For Hot-Dipped Galvanized, Add	*58.44*	
			For Stainless Steel, Add	*233.74*	
			For Seismic Hook And Eye, Add	*25.13*	
04 05 19 13-0405		CLF	#16 (For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	212.28	
			For Hot-Dipped Galvanized, Add	*60.42*	
			For Stainless Steel, Add	*241.66*	
			For Seismic Hook And Eye, Add	*25.98*	
04 05 19 13-0406		CLF	#18 (For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	220.91	
			For Hot-Dipped Galvanized, Add	*62.94*	
			For Stainless Steel, Add	*251.74*	
			For Seismic Hook And Eye, Add	*27.06*	

04 05 19 16 Masonry Anchors *(04 05 19)*

04 05 19 16-0001 Rectangular, Wire Masonry Wall Ties *(04 05 19 16)*

04 05 19 16-0002 Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Ties *(04 05 19 16-0001)*

04 05 19 16-0003	EA	2" Width x 4" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie	1.58	
04 05 19 16-0004	EA	2" Width x 6" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie	1.69	
04 05 19 16-0005	EA	2" Width x 8" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie	1.80	
04 05 19 16-0006	EA	2" Width x 10" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie	1.93	
04 05 19 16-0007	EA	2" Width x 12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie	2.06	
04 05 19 16-0008	EA	4" Width x 6" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie	1.80	
04 05 19 16-0009	EA	4" Width x 8" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie	1.93	
04 05 19 16-0010	EA	4" Width x 10" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie	2.06	
04 05 19 16-0011	EA	4" Width x 12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie	2.19	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 16-0012		**Mill Galvanized, Rectangular, Wire Masonry Wall Ties** *(04 05 19 16-0001)*		
04 05 19 16-0013	EA	2" Width x 4" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie	1.39	
04 05 19 16-0014	EA	2" Width x 6" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie	1.43	
04 05 19 16-0015	EA	2" Width x 8" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie	1.48	
04 05 19 16-0016	EA	2" Width x 10" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie	1.55	
04 05 19 16-0017	EA	2" Width x 12" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie	1.62	
04 05 19 16-0018	EA	4" Width x 6" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie	1.48	
04 05 19 16-0019	EA	4" Width x 8" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie	1.55	
04 05 19 16-0020	EA	4" Width x 10" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie	1.62	
04 05 19 16-0021	EA	4" Width x 12" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie	1.70	
04 05 19 16-0022		**Z-Type, Wire Masonry Wall Ties** *(04 05 19 16)*		
04 05 19 16-0023		**Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Ties** *(04 05 19 16-0022)*		
04 05 19 16-0024	EA	6" Length, 2" Bends, 3/16" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie	1.39	
04 05 19 16-0025	EA	8" Length, 2" Bends, 3/16" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie	1.46	
04 05 19 16-0026	EA	10" Length, 2" Bends, 3/16" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie	1.65	
04 05 19 16-0027	EA	12" Length, 2" Bends, 3/16" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie	1.74	
04 05 19 16-0028	EA	6" Length, 2" Bends, 1/4" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie	1.76	
04 05 19 16-0029	EA	8" Length, 2" Bends, 1/4" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie	1.88	
04 05 19 16-0030	EA	10" Length, 2" Bends, 1/4" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie	2.03	
04 05 19 16-0031	EA	12" Length, 2" Bends, 1/4" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie	2.12	
04 05 19 16-0032		**Mill Galvanized, Z-Type, Wire Masonry Wall Ties** *(04 05 19 16-0022)*		
04 05 19 16-0033	EA	6" Length, 2" Bends, 3/16" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie	1.25	
04 05 19 16-0034	EA	8" Length, 2" Bends, 3/16" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie	1.27	
04 05 19 16-0035	EA	10" Length, 2" Bends, 3/16" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie	1.42	
04 05 19 16-0036	EA	12" Length, 2" Bends, 3/16" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie	1.46	
04 05 19 16-0037	EA	6" Length, 2" Bends, 1/4" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie	1.47	
04 05 19 16-0038	EA	8" Length, 2" Bends, 1/4" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie	1.55	
04 05 19 16-0039	EA	10" Length, 2" Bends, 1/4" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie	1.62	
04 05 19 16-0040	EA	12" Length, 2" Bends, 1/4" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie	1.72	
04 05 19 16-0041		**Wire Beam Ties** *(04 05 19 16)*		
04 05 19 16-0042		**Hot-Dipped Galvanized, Wire Beam Ties** *(04 05 19 16-0041)*		
04 05 19 16-0043	EA	2" Width x 12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Beam Tie	1.92	
04 05 19 16-0044	EA	4" Width x 12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Beam Tie	1.97	
04 05 19 16-0045	EA	6" Width x 12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Beam Tie	2.01	
04 05 19 16-0046	EA	8" Width x 12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Beam Tie	2.06	
04 05 19 16-0047	EA	10" Width x 12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Beam Tie	2.15	
04 05 19 16-0048		**Mill Galvanized, Wire Beam Ties** *(04 05 19 16-0041)*		
04 05 19 16-0049	EA	2" Width x 12" Length, 3/16" Diameter, Mill Galvanized, Wire Beam Tie	2.31	
04 05 19 16-0050	EA	4" Width x 12" Length, 3/16" Diameter, Mill Galvanized, Wire Beam Tie	2.42	
04 05 19 16-0051	EA	6" Width x 12" Length, 3/16" Diameter, Mill Galvanized, Wire Beam Tie	2.54	
04 05 19 16-0052	EA	8" Width x 12" Length, 3/16" Diameter, Mill Galvanized, Wire Beam Tie	2.59	
04 05 19 16-0053	EA	10" Width x 12" Length, 3/16" Diameter, Mill Galvanized, Wire Beam Tie	2.68	
04 05 19 16-0054		**Adjustable Double Pintle, Wire Masonry Wall Ties** *(04 05 19 16)*		
04 05 19 16-0055		**Hot-Dipped Galvanized, Adjustable Double Pintle, Wire Masonry Wall Ties** *(04 05 19 16-0054)*		
04 05 19 16-0056	EA	6" Total Length, 3/16" Diameter, Hot-Dipped Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie	2.15	
04 05 19 16-0057	EA	7" Total Length, 3/16" Diameter, Hot-Dipped Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie	2.25	
04 05 19 16-0058	EA	8" Total Length, 3/16" Diameter, Hot-Dipped Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie	2.28	
04 05 19 16-0059	EA	9" Total Length, 3/16" Diameter, Hot-Dipped Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie	2.37	
04 05 19 16-0060	EA	10" Total Length, 3/16" Diameter, Hot-Dipped Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie	2.40	
04 05 19 16-0061		**Mill Galvanized, Adjustable Double Pintle, Wire Masonry Wall Ties** *(04 05 19 16-0054)*		
04 05 19 16-0062	EA	6" Total Length, 3/16" Diameter, Mill Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie	1.80	
04 05 19 16-0063	EA	7" Total Length, 3/16" Diameter, Mill Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie	1.86	
04 05 19 16-0064	EA	8" Total Length, 3/16" Diameter, Mill Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie	1.89	
04 05 19 16-0065	EA	9" Total Length, 3/16" Diameter, Mill Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie	1.94	
04 05 19 16-0066	EA	10" Total Length, 3/16" Diameter, Mill Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie	1.96	
04 05 19 16-0067		**Corrugated Buck (Brick) Anchors** *(04 05 19 16)*		
04 05 19 16-0068		**Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchors** *(04 05 19 16-0067)*		
04 05 19 16-0069	EA	3-1/2" Length, 1-1/4" Width, 16 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor	2.64	
04 05 19 16-0070	EA	4-1/2" Length, 1-1/4" Width, 16 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor	2.75	
04 05 19 16-0071	EA	5-1/2" Length, 1-1/4" Width, 16 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor	2.85	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 16-0072	EA	6-1/2" Length, 1-1/4" Width, 16 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor	2.96	
04 05 19 16-0073	EA	7-1/2" Length, 1-1/4" Width, 16 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor	3.07	
04 05 19 16-0074	EA	3-1/2" Length, 1-1/4" Width, 14 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor	2.73	
04 05 19 16-0075	EA	4-1/2" Length, 1-1/4" Width, 14 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor	2.85	
04 05 19 16-0076	EA	5-1/2" Length, 1-1/4" Width, 14 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor	2.96	
04 05 19 16-0077	EA	6-1/2" Length, 1-1/4" Width, 14 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor	3.08	
04 05 19 16-0078	EA	7-1/2" Length, 1-1/4" Width, 14 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor	3.20	
04 05 19 16-0079		**Mill Galvanized, Corrugated Buck (Brick) Anchors** *(04 05 19 16-0067)*		
04 05 19 16-0080	EA	3-1/2" Length, 1-1/4" Width, 16 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor	2.26	
04 05 19 16-0081	EA	4-1/2" Length, 1-1/4" Width, 16 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor	2.34	
04 05 19 16-0082	EA	5-1/2" Length, 1-1/4" Width, 16 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor	2.41	
04 05 19 16-0083	EA	6-1/2" Length, 1-1/4" Width, 16 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor	2.49	
04 05 19 16-0084	EA	7-1/2" Length, 1-1/4" Width, 16 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor	2.57	
04 05 19 16-0085	EA	3-1/2" Length, 1-1/4" Width, 14 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor	2.33	
04 05 19 16-0086	EA	4-1/2" Length, 1-1/4" Width, 14 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor	2.41	
04 05 19 16-0087	EA	5-1/2" Length, 1-1/4" Width, 14 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor	2.50	
04 05 19 16-0088	EA	6-1/2" Length, 1-1/4" Width, 14 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor	2.58	
04 05 19 16-0089	EA	7-1/2" Length, 1-1/4" Width, 14 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor	2.67	
04 05 19 16-0090		**Corrugated Wall Ties** *(04 05 19 16)*		
04 05 19 16-0091		**Hot-Dipped Galvanized, Corrugated Wall Ties** *(04 05 19 16-0090)*		
04 05 19 16-0092	EA	7/8" Width, 7" Length, 28 Gauge, Hot-Dipped Galvanized, Corrugated Wall Tie	1.24	
04 05 19 16-0093	EA	7/8" Width, 7" Length, 26 Gauge, Hot-Dipped Galvanized, Corrugated Wall Tie	1.33	
04 05 19 16-0094	EA	7/8" Width, 7" Length, 24 Gauge, Hot-Dipped Galvanized, Corrugated Wall Tie	1.37	
04 05 19 16-0095	EA	7/8" Width, 7" Length, 22 Gauge, Hot-Dipped Galvanized, Corrugated Wall Tie	1.40	
04 05 19 16-0096	EA	7/8" Width, 7" Length, 16 Gauge, Hot-Dipped Galvanized, Corrugated Wall Tie	1.70	
04 05 19 16-0097		**Mill Galvanized, Corrugated Wall Ties** *(04 05 19 16-0090)*		
04 05 19 16-0098	EA	7/8" Width, 7" Length, 26 Gauge, Mill Galvanized, Corrugated Wall Tie	1.28	
04 05 19 16-0099	EA	7/8" Width, 7" Length, 24 Gauge, Mill Galvanized, Corrugated Wall Tie	1.30	
04 05 19 16-0100	EA	7/8" Width, 7" Length, 22 Gauge, Mill Galvanized, Corrugated Wall Tie	1.33	
04 05 19 16-0101	EA	7/8" Width, 7" Length, 16 Gauge, Mill Galvanized, Corrugated Wall Tie	1.56	
04 05 19 16-0102		**Stainless Steel, Corrugated Wall Ties** *(04 05 19 16-0090)*		
04 05 19 16-0103	EA	7/8" Width, 7" Length, 28 Gauge, Stainless Steel, Corrugated Wall Tie	1.55	
04 05 19 16-0104	EA	7/8" Width, 7" Length, 26 Gauge, Stainless Steel, Corrugated Wall Tie	1.61	
04 05 19 16-0105	EA	7/8" Width, 7" Length, 24 Gauge, Stainless Steel, Corrugated Wall Tie	1.68	
04 05 19 16-0106	EA	7/8" Width, 7" Length, 22 Gauge, Stainless Steel, Corrugated Wall Tie	1.74	
04 05 19 16-0107	EA	7/8" Width, 7" Length, 16 Gauge, Stainless Steel, Corrugated Wall Tie	2.07	
04 05 19 16-0108		**Wire Mesh Wall Ties** *(04 05 19 16)*		
		Note: 1/2" square mesh.		
04 05 19 16-0109	EA	3" Width, 8" Length, 16 Gauge, Hot-Dipped Galvanized, Wire Mesh Wall Tie	2.59	
04 05 19 16-0110	EA	3" Width, 12" Length, 16 Gauge, Hot-Dipped Galvanized, Wire Mesh Wall Tie	3.18	
04 05 19 16-0111	EA	6" Width, 8" Length, 16 Gauge, Hot-Dipped Galvanized, Wire Mesh Wall Tie	3.80	
04 05 19 16-0112	EA	6" Width, 12" Length, 16 Gauge, Hot-Dipped Galvanized, Wire Mesh Wall Tie	4.92	
04 05 19 16-0113	EA	10" Width, 8" Length, 16 Gauge, Hot-Dipped Galvanized, Wire Mesh Wall Tie	4.57	
04 05 19 16-0114	EA	10" Width, 12" Length, 16 Gauge, Hot-Dipped Galvanized, Wire Mesh Wall Tie	5.71	
04 05 19 16-0115		**Triangle Brick Ties** *(04 05 19 16)*		
04 05 19 16-0116		**Hot-Dipped Galvanized, Triangle Brick Ties** *(04 05 19 16-0115)*		
04 05 19 16-0117	EA	3" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	2.28	
04 05 19 16-0118	EA	3-1/2" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	2.33	
04 05 19 16-0119	EA	4" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	2.38	
04 05 19 16-0120	EA	4-1/2" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	2.47	
04 05 19 16-0121	EA	5" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	2.52	
04 05 19 16-0122	EA	6" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	2.67	
04 05 19 16-0123	EA	7" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	2.77	
04 05 19 16-0124	EA	9" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	3.00	
04 05 19 16-0125	EA	3" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	2.77	
04 05 19 16-0126	EA	3-1/2" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	2.80	
04 05 19 16-0127	EA	4" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	2.84	
04 05 19 16-0128	EA	4-1/2" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	2.92	
04 05 19 16-0129	EA	5" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	2.96	
04 05 19 16-0130	EA	6" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	3.10	
04 05 19 16-0131	EA	7" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	3.18	
04 05 19 16-0132	EA	9" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	3.42	
04 05 19 16-0133		**Mill Galvanized, Triangle Brick Ties** *(04 05 19 16-0115)*		
04 05 19 16-0134	EA	3" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie	2.05	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 16-0135	EA	3-1/2" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie	2.06	
04 05 19 16-0136	EA	4" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie	2.08	
04 05 19 16-0137	EA	4-1/2" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie	2.15	
04 05 19 16-0138	EA	5" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie	2.16	
04 05 19 16-0139	EA	6" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie	2.26	
04 05 19 16-0140	EA	7" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie	2.29	
04 05 19 16-0141	EA	9" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie	2.37	
04 05 19 16-0142	EA	3" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie	2.33	
04 05 19 16-0143	EA	3-1/2" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie	2.36	
04 05 19 16-0144	EA	4" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie	2.39	
04 05 19 16-0145	EA	4-1/2" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie	2.47	
04 05 19 16-0146	EA	5" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie	2.49	
04 05 19 16-0147	EA	6" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie	2.60	
04 05 19 16-0148	EA	7" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie	2.65	
04 05 19 16-0149	EA	9" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie	2.79	
04 05 19 16-0150		**Seismic Veneer Anchors** *(04 05 19 16)*		
04 05 19 16-0151	EA	3-1/2" Length, 1-1/4" Width, Stainless Steel, Seismic Notch Veneer Anchor Note: For horizontal wire attachment. Excludes wire.	6.30	
04 05 19 16-0152		**Slip-Set, Joint Stabilization Anchors** *(04 05 19 16)* Note: For restraining lateral movement at control joints. Field bendable.		
04 05 19 16-0153	EA	9-5/8" Length, 1-5/8" Width, Mill Galvanized, Slip-Set, Joint Stabilization Anchor	8.15	
04 05 19 16-0154	EA	9-5/8" Length, 1-5/8" Width, Hot-Dipped Galvanized, Slip-Set, Joint Stabilization Anchor	8.85	
04 05 19 16-0155	EA	9-5/8" Length, 1-5/8" Width, Stainless Steel, Slip-Set, Joint Stabilization Anchor	6.30	
04 05 19 16-0156		**Strap Partition Top Anchors** *(04 05 19 16)*		
04 05 19 16-0157	EA	12 Gauge Strap, 3/8" Rod, Hot-Dipped Galvanized, Partition Top Anchor	4.62	
04 05 19 16-0158	EA	12 Gauge Strap, 3/8" Rod, Stainless Steel, Partition Top Anchor	6.62	
04 05 19 16-0159		**Rigid Partition Anchors** *(04 05 19 16)*		
04 05 19 16-0160		**Hot-Dipped Galvanized, Rigid Partition Anchors** *(04 05 19 16-0159)*		
04 05 19 16-0161	EA	1" Width, 8" Length, 1/8" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor	3.35	
04 05 19 16-0162	EA	1-1/4" Width, 8" Length, 1/8" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor	3.65	
04 05 19 16-0163	EA	1-1/2" Width, 8" Length, 1/8" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor	4.02	
04 05 19 16-0164	EA	1-3/4" Width, 8" Length, 1/8" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor	4.36	
04 05 19 16-0165	EA	2" Width, 8" Length, 1/8" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor	4.69	
04 05 19 16-0166	EA	2-1/4" Width, 8" Length, 1/8" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor	5.03	
04 05 19 16-0167	EA	1" Width, 8" Length, 1/4" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor	4.70	
04 05 19 16-0168	EA	1-1/4" Width, 8" Length, 1/4" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor	5.77	
04 05 19 16-0169	EA	1-1/2" Width, 8" Length, 1/4" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor	6.85	
04 05 19 16-0170	EA	1-3/4" Width, 8" Length, 1/4" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor	7.93	
04 05 19 16-0171	EA	2" Width, 8" Length, 1/4" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor	9.00	
04 05 19 16-0172	EA	2-1/4" Width, 8" Length, 1/4" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor	10.08	
04 05 19 16-0173		**Mill Galvanized, Rigid Partition Anchors** *(04 05 19 16-0159)*		
04 05 19 16-0174	EA	1" Width, 8" Length, 1/8" Thick, Mill Galvanized, U Or Z Style, Rigid Partition Anchor	3.05	
04 05 19 16-0175	EA	1-1/4" Width, 8" Length, 1/8" Thick, Mill Galvanized, U Or Z Style, Rigid Partition Anchor	3.31	
04 05 19 16-0176	EA	1-1/2" Width, 8" Length, 1/8" Thick, Mill Galvanized, U Or Z Style, Rigid Partition Anchor	3.58	
04 05 19 16-0177	EA	1-3/4" Width, 8" Length, 1/8" Thick, Mill Galvanized, U Or Z Style, Rigid Partition Anchor	3.84	
04 05 19 16-0178	EA	2" Width, 8" Length, 1/8" Thick, Mill Galvanized, U Or Z Style, Rigid Partition Anchor	4.10	
04 05 19 16-0179	EA	2-1/4" Width, 8" Length, 1/8" Thick, Mill Galvanized, U Or Z Style, Rigid Partition Anchor	4.36	
04 05 19 16-0180		**Screw-On Masonry Veneer Anchor Plates** *(04 05 19 16)*		
04 05 19 16-0181	EA	12 Gauge, Hot-Dipped Galvanized, Screw-On Masonry Veneer Anchor Plate	2.15	
04 05 19 16-0182	EA	14 Gauge, Hot-Dipped Galvanized, Screw-On Masonry Veneer Anchor Plate	2.27	
04 05 19 16-0183		**Wire Column Ties** *(04 05 19 16)*		
04 05 19 16-0184		**Hot-Dipped Galvanized, Wire Column Ties** *(04 05 19 16-0183)*		
04 05 19 16-0185	EA	3" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie	2.62	
04 05 19 16-0186	EA	5" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie	2.80	
04 05 19 16-0187	EA	7" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie	2.93	
04 05 19 16-0188	EA	9" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie	3.11	
04 05 19 16-0189	EA	10" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie	2.77	
04 05 19 16-0190	EA	12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie	2.93	
04 05 19 16-0191	EA	14" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie	3.04	
04 05 19 16-0192	EA	16" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie	3.16	
04 05 19 16-0193	EA	3" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie	3.56	
04 05 19 16-0194	EA	5" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie	3.87	
04 05 19 16-0195	EA	7" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie	4.08	
04 05 19 16-0196	EA	9" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie	4.37	
04 05 19 16-0197	EA	10" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie	3.87	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 16-0198	EA	12" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie	4.08	
04 05 19 16-0199	EA	14" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie	4.26	
04 05 19 16-0200	EA	16" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie	4.46	
04 05 19 16-0201		Mill Galvanized, Wire Column Ties *(04 05 19 16-0183)*		
04 05 19 16-0202	EA	3" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie	2.30	
04 05 19 16-0203	EA	5" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie	2.41	
04 05 19 16-0204	EA	7" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie	2.48	
04 05 19 16-0205	EA	9" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie	2.59	
04 05 19 16-0206	EA	10" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie	2.35	
04 05 19 16-0207	EA	12" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie	2.46	
04 05 19 16-0208	EA	14" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie	2.53	
04 05 19 16-0209	EA	16" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie	2.62	
04 05 19 16-0210	EA	3" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie	3.00	
04 05 19 16-0211	EA	5" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie	3.20	
04 05 19 16-0212	EA	7" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie	3.29	
04 05 19 16-0213	EA	9" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie	3.49	
04 05 19 16-0214	EA	10" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie	2.91	
04 05 19 16-0215	EA	12" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie	3.25	
04 05 19 16-0216	EA	14" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie	3.38	
04 05 19 16-0217	EA	16" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie	3.49	
04 05 19 16-0218		Dovetail Anchors, Slots And Ties *(04 05 19 16)*		
04 05 19 16-0219		Dovetail Anchor Slots *(04 05 19 16-0218)*		
04 05 19 16-0220		Hot-Dipped Galvanized, Dovetail Anchor Slot *(04 05 19 16-0219)*		
04 05 19 16-0221	LF	24 Gauge, Hot-Dipped Galvanized, Dovetail Anchor Slot	4.74	
04 05 19 16-0222	LF	22 Gauge, Hot-Dipped Galvanized, Dovetail Anchor Slot	5.27	
04 05 19 16-0223	LF	20 Gauge, Hot-Dipped Galvanized, Dovetail Anchor Slot	5.58	
04 05 19 16-0224	LF	18 Gauge, Hot-Dipped Galvanized, Dovetail Anchor Slot	5.73	
04 05 19 16-0225	LF	16 Gauge, Hot-Dipped Galvanized, Dovetail Anchor Slot	6.09	
04 05 19 16-0226		Mill Galvanized, Dovetail Anchor Slot *(04 05 19 16-0219)*		
04 05 19 16-0227	LF	24 Gauge, Mill Galvanized, Dovetail Anchor Slot	3.69	
04 05 19 16-0228	LF	22 Gauge, Mill Galvanized, Dovetail Anchor Slot	4.36	
04 05 19 16-0229	LF	20 Gauge, Mill Galvanized, Dovetail Anchor Slot	4.51	
04 05 19 16-0230	LF	18 Gauge, Mill Galvanized, Dovetail Anchor Slot	4.74	
04 05 19 16-0231	LF	16 Gauge, Mill Galvanized, Dovetail Anchor Slot	4.89	
04 05 19 16-0232		304 Stainless Steel, Dovetail Anchor Slot *(04 05 19 16-0219)*		
04 05 19 16-0233	LF	24 Gauge, 304 Stainless Steel, Dovetail Anchor Slot	4.25	
04 05 19 16-0234	LF	22 Gauge, 304 Stainless Steel, Dovetail Anchor Slot	4.69	
04 05 19 16-0235	LF	20 Gauge, 304 Stainless Steel, Dovetail Anchor Slot	4.84	
04 05 19 16-0236	LF	18 Gauge, 304 Stainless Steel, Dovetail Anchor Slot	5.34	
04 05 19 16-0237	LF	16 Gauge, 304 Stainless Steel, Dovetail Anchor Slot	5.82	
04 05 19 16-0238		316 Stainless Steel, Dovetail Anchor Slot *(04 05 19 16-0219)*		
04 05 19 16-0239	LF	24 Gauge, 316 Stainless Steel, Dovetail Anchor Slot	4.59	
04 05 19 16-0240	LF	22 Gauge, 316 Stainless Steel, Dovetail Anchor Slot	4.93	
04 05 19 16-0241	LF	20 Gauge, 316 Stainless Steel, Dovetail Anchor Slot	5.26	
04 05 19 16-0242	LF	18 Gauge, 316 Stainless Steel, Dovetail Anchor Slot	5.69	
04 05 19 16-0243	LF	16 Gauge, 316 Stainless Steel, Dovetail Anchor Slot	5.94	
04 05 19 16-0244		Dovetail Corrugated Brick Ties *(04 05 19 16-0218)*		
04 05 19 16-0245		Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie *(04 05 19 16-0244)*		
04 05 19 16-0246	EA	3-1/2" Length, 1" Width, 16 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie	1.64	
04 05 19 16-0247	EA	5-1/2" Length, 1" Width, 16 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie	1.81	
04 05 19 16-0248	EA	7-1/2" Length, 1" Width, 16 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie	1.98	
04 05 19 16-0249	EA	3-1/2" Length, 1" Width, 14 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie	1.68	
04 05 19 16-0250	EA	5-1/2" Length, 1" Width, 14 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie	2.00	
04 05 19 16-0251	EA	7-1/2" Length, 1" Width, 14 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie	2.24	
04 05 19 16-0252	EA	3-1/2" Length, 1" Width, 12 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie	1.77	
04 05 19 16-0253	EA	5-1/2" Length, 1" Width, 12 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie	1.99	
04 05 19 16-0254	EA	7-1/2" Length, 1" Width, 12 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie	2.21	
04 05 19 16-0255		Mill Galvanized, Dovetail Corrugated Brick Tie *(04 05 19 16-0244)*		
04 05 19 16-0256	EA	3-1/2" Length, 1" Width, 16 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie	1.49	
04 05 19 16-0257	EA	5-1/2" Length, 1" Width, 16 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie	1.59	
04 05 19 16-0258	EA	7-1/2" Length, 1" Width, 16 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie	1.70	
04 05 19 16-0259	EA	3-1/2" Length, 1" Width, 14 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie	1.57	
04 05 19 16-0260	EA	5-1/2" Length, 1" Width, 14 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie	1.78	
04 05 19 16-0261	EA	7-1/2" Length, 1" Width, 14 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie	1.95	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 16-0262	EA	3-1/2" Length, 1" Width, 12 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie	1.61	
04 05 19 16-0263	EA	5-1/2" Length, 1" Width, 12 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie	1.86	
04 05 19 16-0264	EA	7-1/2" Length, 1" Width, 12 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie	2.03	
04 05 19 16-0265		Dovetail Stone Anchors *(04 05 19 16-0218)*		
04 05 19 16-0266		Hot-Dipped Galvanized, Dovetail Stone Anchors *(04 05 19 16-0265)*		
04 05 19 16-0267	EA	3-1/2" Length, 1" Width, 16 Gauge, Hot-Dipped Galvanized, Dovetail Stone Anchor	2.00	
04 05 19 16-0268	EA	5-1/2" Length, 1" Width, 16 Gauge, Hot-Dipped Galvanized, Dovetail Stone Anchor	2.17	
04 05 19 16-0269	EA	7-1/2" Length, 1" Width, 16 Gauge, Hot-Dipped Galvanized, Dovetail Stone Anchor	2.35	
04 05 19 16-0270		Dovetail Partition Top Anchors *(04 05 19 16-0218)*		
04 05 19 16-0271	EA	3/8" Rod, Hot-Dipped Galvanized, Dovetail Partition Top Anchor	4.81	
04 05 19 16-0272	EA	3/8" Rod, Stainless Steel, Dovetail Partition Top Anchor	7.14	
04 05 19 16-0273		Dovetail Flexible Triangle Brick Ties *(04 05 19 16-0218)*		
04 05 19 16-0274		Hot-Dipped Galvanized, Dovetail Flexible Triangle Brick Ties *(04 05 19 16-0273)*		
04 05 19 16-0275	EA	3" Length, 3/16" Diameter, Hot-Dipped Galvanized, Dovetail Flexible Triangle Brick Tie	3.00	
04 05 19 16-0276	EA	5" Length, 3/16" Diameter, Hot-Dipped Galvanized, Dovetail Flexible Triangle Brick Tie	3.23	
04 05 19 16-0277	EA	7" Length, 3/16" Diameter, Hot-Dipped Galvanized, Dovetail Flexible Triangle Brick Tie	3.38	
04 05 19 16-0278	EA	9" Length, 3/16" Diameter, Hot-Dipped Galvanized, Dovetail Flexible Triangle Brick Tie	3.54	
04 05 19 16-0279		Mill Galvanized, Dovetail Flexible Triangle Brick Ties *(04 05 19 16-0273)*		
04 05 19 16-0280	EA	3" Length, 3/16" Diameter, Mill Galvanized, Dovetail Flexible Triangle Brick Tie	2.68	
04 05 19 16-0281	EA	5" Length, 3/16" Diameter, Mill Galvanized, Dovetail Flexible Triangle Brick Tie	2.70	
04 05 19 16-0282	EA	7" Length, 3/16" Diameter, Mill Galvanized, Dovetail Flexible Triangle Brick Tie	2.80	
04 05 19 16-0283	EA	9" Length, 3/16" Diameter, Mill Galvanized, Dovetail Flexible Triangle Brick Tie	3.05	
04 05 19 26		**Masonry Reinforcing Bars** *(04 05 19)*		
		Note: Includes cutting and bending.		
04 05 19 26-0001		Plain Steel Masonry Reinforcement Bar *(04 05 19 26)*		
04 05 19 26-0002	LF	#3, Grade 40, Horizontal Placed, Steel Masonry Reinforcement Bar	1.15	
04 05 19 26-0003	LF	#4, Grade 40, Horizontal Placed, Steel Masonry Reinforcement Bar	1.87	
04 05 19 26-0004	LF	#5, Grade 40, Horizontal Placed, Steel Masonry Reinforcement Bar	2.62	
04 05 19 26-0005	LF	#6, Grade 40, Horizontal Placed, Steel Masonry Reinforcement Bar	3.40	
04 05 19 26-0006	LF	#3, Grade 50, Horizontal Placed, Steel Masonry Reinforcement Bar	1.17	
04 05 19 26-0007	LF	#4, Grade 50, Horizontal Placed, Steel Masonry Reinforcement Bar	1.89	
04 05 19 26-0008	LF	#5, Grade 50, Horizontal Placed, Steel Masonry Reinforcement Bar	2.66	
04 05 19 26-0009	LF	#6, Grade 50, Horizontal Placed, Steel Masonry Reinforcement Bar	3.45	
04 05 19 26-0010	LF	#3, Grade 60, Horizontal Placed, Steel Masonry Reinforcement Bar	1.19	
04 05 19 26-0011	LF	#4, Grade 60, Horizontal Placed, Steel Masonry Reinforcement Bar	1.93	
04 05 19 26-0012	LF	#5, Grade 60, Horizontal Placed, Steel Masonry Reinforcement Bar	2.72	
04 05 19 26-0013	LF	#6, Grade 60, Horizontal Placed, Steel Masonry Reinforcement Bar	3.54	
04 05 19 26-0014	LF	#3, Grade 40, Vertical Placed, Steel Masonry Reinforcement Bar	1.36	
04 05 19 26-0015	LF	#4, Grade 40, Vertical Placed, Steel Masonry Reinforcement Bar	2.20	
04 05 19 26-0016	LF	#5, Grade 40, Vertical Placed, Steel Masonry Reinforcement Bar	3.08	
04 05 19 26-0017	LF	#6, Grade 40, Vertical Placed, Steel Masonry Reinforcement Bar	3.96	
04 05 19 26-0018	LF	#3, Grade 50, Vertical Placed, Steel Masonry Reinforcement Bar	1.38	
04 05 19 26-0019	LF	#4, Grade 50, Vertical Placed, Steel Masonry Reinforcement Bar	2.22	
04 05 19 26-0020	LF	#5, Grade 50, Vertical Placed, Steel Masonry Reinforcement Bar	3.12	
04 05 19 26-0021	LF	#6, Grade 50, Vertical Placed, Steel Masonry Reinforcement Bar	4.01	
04 05 19 26-0022	LF	#3, Grade 60, Vertical Placed, Steel Masonry Reinforcement Bar	1.40	
04 05 19 26-0023	LF	#4, Grade 60, Vertical Placed, Steel Masonry Reinforcement Bar	2.26	
04 05 19 26-0024	LF	#5, Grade 60, Vertical Placed, Steel Masonry Reinforcement Bar	3.18	
04 05 19 26-0025	LF	#6, Grade 60, Vertical Placed, Steel Masonry Reinforcement Bar	4.10	
04 05 19 26-0026		Galvanized Steel Masonry Reinforcement Bar *(04 05 19 26)*		
04 05 19 26-0027	LF	#3, Grade 40, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar	1.30	
04 05 19 26-0028	LF	#4, Grade 40, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar	2.13	
04 05 19 26-0029	LF	#5, Grade 40, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar	3.03	
04 05 19 26-0030	LF	#6, Grade 40, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar	3.99	
04 05 19 26-0031	LF	#3, Grade 50, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar	1.32	
04 05 19 26-0032	LF	#4, Grade 50, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar	2.16	
04 05 19 26-0033	LF	#5, Grade 50, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar	3.07	
04 05 19 26-0034	LF	#6, Grade 50, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar	4.05	
04 05 19 26-0035	LF	#3, Grade 60, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar	1.34	
04 05 19 26-0036	LF	#4, Grade 60, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar	2.20	
04 05 19 26-0037	LF	#5, Grade 60, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar	3.14	
04 05 19 26-0038	LF	#6, Grade 60, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar	4.14	
04 05 19 26-0039	LF	#3, Grade 40, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar	1.51	
04 05 19 26-0040	LF	#4, Grade 40, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar	2.46	
04 05 19 26-0041	LF	#5, Grade 40, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar	3.49	
04 05 19 26-0042	LF	#6, Grade 40, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar	4.55	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 26-0043		LF	#3, Grade 50, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar	1.53	
04 05 19 26-0044		LF	#4, Grade 50, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar	2.49	
04 05 19 26-0045		LF	#5, Grade 50, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar	3.53	
04 05 19 26-0046		LF	#6, Grade 50, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar	4.61	
04 05 19 26-0047		LF	#3, Grade 60, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar	1.55	
04 05 19 26-0048		LF	#4, Grade 60, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar	2.53	
04 05 19 26-0049		LF	#5, Grade 60, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar	3.60	
04 05 19 26-0050		LF	#6, Grade 60, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar	4.70	
04 05 19 26-0051			Epoxy-Coated Masonry Reinforcement Bar *(04 05 19 26)*		
04 05 19 26-0052		LF	#3, Grade 40, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar	1.28	
04 05 19 26-0053		LF	#4, Grade 40, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar	2.10	
04 05 19 26-0054		LF	#5, Grade 40, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar	2.99	
04 05 19 26-0055		LF	#6, Grade 40, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar	3.93	
04 05 19 26-0056		LF	#3, Grade 50, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar	1.30	
04 05 19 26-0057		LF	#4, Grade 50, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar	2.13	
04 05 19 26-0058		LF	#5, Grade 50, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar	3.03	
04 05 19 26-0059		LF	#6, Grade 50, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar	3.99	
04 05 19 26-0060		LF	#3, Grade 60, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar	1.32	
04 05 19 26-0061		LF	#4, Grade 60, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar	2.17	
04 05 19 26-0062		LF	#5, Grade 60, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar	3.09	
04 05 19 26-0063		LF	#6, Grade 60, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar	4.07	
04 05 19 26-0064		LF	#3, Grade 40, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar	1.49	
04 05 19 26-0065		LF	#4, Grade 40, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar	2.43	
04 05 19 26-0066		LF	#5, Grade 40, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar	3.45	
04 05 19 26-0067		LF	#6, Grade 40, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar	4.49	
04 05 19 26-0068		LF	#3, Grade 50, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar	1.51	
04 05 19 26-0069		LF	#4, Grade 50, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar	2.46	
04 05 19 26-0070		LF	#5, Grade 50, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar	3.49	
04 05 19 26-0071		LF	#6, Grade 50, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar	4.55	
04 05 19 26-0072		LF	#3, Grade 60, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar	1.53	
04 05 19 26-0073		LF	#4, Grade 60, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar	2.50	
04 05 19 26-0074		LF	#5, Grade 60, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar	3.55	
04 05 19 26-0075		LF	#6, Grade 60, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar	4.63	

04 05 23 Masonry Accessories *(04 05)*

04 05 23 13 Masonry Control and Expansion Joints *(04 05 23)*

04 05 23 13-0001			Masonry Control Joints *(04 05 23 13)*		
04 05 23 13-0002			Rubber, Masonry Control Joints *(04 05 23 13-0001)*		
04 05 23 13-0003		LF	1-5/8" Width, T-Style, Rubber, Masonry Control Joint	7.58	1.14
04 05 23 13-0004		LF	2-5/8" Width, Rubber, Masonry Control Joint	7.36	1.14
04 05 23 13-0005		LF	6-7/8" Width, Rubber, Masonry Control Joint	15.74	1.14
04 05 23 13-0006			Polyvinyl Chloride (PVC), Masonry Control Joints *(04 05 23 13-0001)*		
04 05 23 13-0007		LF	1-5/8" Width, T-Style, Polyvinyl Chloride (PVC), Masonry Control Joint	4.51	1.14
04 05 23 13-0008		LF	2-5/8" Width, Polyvinyl Chloride (PVC), Masonry Control Joint	4.69	1.14
04 05 23 13-0009		LF	4-7/8" Width, Polyvinyl Chloride (PVC), Masonry Control Joint	5.93	1.14
04 05 23 13-0010		LF	6-7/8" Width, Polyvinyl Chloride (PVC), Masonry Control Joint	6.56	1.14
04 05 23 13-0011		LF	11-1/8" Width, Polyvinyl Chloride (PVC), Masonry Control Joint	6.17	1.14

04 05 23 16 Masonry Embedded Flashing *(04 05 23)*

04 05 23 16-0001			Lead Coated Copper Through Wall Flashing *(04 05 23 16)*		
04 05 23 16-0002			Mastic Backed 2 Sides, Lead Coated Copper Through Wall Flashing *(04 05 23 16-0001)*		
04 05 23 16-0003		SF	2 Ounce, Mastic Backed 2 Sides, Lead Coated Copper Through Wall Flashing	9.43	1.75
04 05 23 16-0004		SF	3 Ounce, Mastic Backed 2 Sides, Lead Coated Copper Through Wall Flashing	10.48	1.75
04 05 23 16-0005		SF	5 Ounce, Mastic Backed 2 Sides, Lead Coated Copper Through Wall Flashing	13.40	1.75
04 05 23 16-0006		SF	7 Ounce, Mastic Backed 2 Sides, Lead Coated Copper Through Wall Flashing	15.98	1.75
04 05 23 16-0007			Fabric Backed 2 Sides, Lead Coated Copper Through Wall Flashing *(04 05 23 16-0001)*		
04 05 23 16-0008		SF	2 Ounce, Fabric Backed 2 Sides, Lead Coated Copper Through Wall Flashing	10.45	1.75
04 05 23 16-0009		SF	3 Ounce, Fabric Backed 2 Sides, Lead Coated Copper Through Wall Flashing	11.40	1.75
04 05 23 16-0010		SF	5 Ounce, Fabric Backed 2 Sides, Lead Coated Copper Through Wall Flashing	14.77	1.75
04 05 23 16-0011		SF	7 Ounce, Fabric Backed 2 Sides, Lead Coated Copper Through Wall Flashing	17.87	1.75
04 05 23 16-0012			Paper Backed 2 Sides, Lead Coated Copper Through Wall Flashing *(04 05 23 16-0001)*		
04 05 23 16-0013		SF	2 Ounce, Paper Backed 2 Sides, Lead Coated Copper Through Wall Flashing	9.66	1.75
04 05 23 16-0014		SF	3 Ounce, Paper Backed 2 Sides, Lead Coated Copper Through Wall Flashing	10.98	1.75
04 05 23 16-0015		SF	5 Ounce, Paper Backed 2 Sides, Lead Coated Copper Through Wall Flashing	12.87	1.75
04 05 23 16-0016		SF	7 Ounce, Paper Backed 2 Sides, Lead Coated Copper Through Wall Flashing	16.82	1.75

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 23 16-0017		Stainless Steel Through Wall Flashing *(04 05 23 16)*		
04 05 23 16-0018		Paper Backed 2 Sides, Stainless Steel Through Wall Flashing *(04 05 23 16-0017)*		
04 05 23 16-0019	SF	0.005" Thick Paper Backed 2 Sides, Stainless Steel Through Wall Flashing	6.67	1.63
04 05 23 16-0020		Polyvinyl Chloride (PVC) Through Wall Flashing *(04 05 23 16)*		
04 05 23 16-0021	SF	0.010" Thick Black Polyvinyl Chloride (PVC) Through Wall Flashing	4.34	1.74
04 05 23 16-0022	SF	0.020" Thick Black Polyvinyl Chloride (PVC) Through Wall Flashing	4.70	1.74
04 05 23 16-0023	SF	0.030" Thick Black Polyvinyl Chloride (PVC) Through Wall Flashing	5.12	1.74
04 05 23 16-0024	SF	0.056" Thick Black Polyvinyl Chloride (PVC) Through Wall Flashing	6.50	1.74
04 05 23 16-0025		Copper Through Wall Flashing *(04 05 23 16)*		
04 05 23 16-0026		2 Sides Coated With Asphalt, Thru-Wall Copper Flashing *(04 05 23 16-0025)*		
04 05 23 16-0027	SF	2 Ounce, 2 Sides Coated With Asphalt, Thru-Wall Copper Flashing	7.84	1.63
04 05 23 16-0028	SF	3 Ounce, 2 Sides Coated With Asphalt, Thru-Wall Copper Flashing	8.62	1.63
04 05 23 16-0029	SF	5 Ounce, 2 Sides Coated With Asphalt, Thru-Wall Copper Flashing	10.76	1.63
04 05 23 16-0030	SF	7 Ounce, 2 Sides Coated With Asphalt, Thru-Wall Copper Flashing	12.65	1.63
04 05 23 16-0031	SF	10 Ounce, 2 Sides Coated With Asphalt, Thru-Wall Copper Flashing	13.45	1.63
04 05 23 16-0032		2 Sides Glass Fabric And Asphalt, Thru-Wall Copper Flashing *(04 05 23 16-0025)*		
04 05 23 16-0033	SF	2 Ounce, 2 Sides Glass Fabric And Asphalt, Thru-Wall Copper Flashing	8.61	1.63
04 05 23 16-0034	SF	3 Ounce, 2 Sides Glass Fabric And Asphalt, Thru-Wall Copper Flashing	9.29	1.63
04 05 23 16-0035	SF	5 Ounce, 2 Sides Glass Fabric And Asphalt, Thru-Wall Copper Flashing	11.77	1.63
04 05 23 16-0036	SF	7 Ounce, 2 Sides Glass Fabric And Asphalt, Thru-Wall Copper Flashing	14.03	1.63
04 05 23 16-0037	SF	10 Ounce, 2 Sides Glass Fabric And Asphalt, Thru-Wall Copper Flashing	15.37	1.63
04 05 23 16-0038		1 Side Kraft Paper And Asphalt, Thru-Wall Copper Flashing *(04 05 23 16-0025)*		
04 05 23 16-0039	SF	2 Ounce, 1 Side Kraft Paper And Asphalt, Thru-Wall Copper Flashing	7.93	1.63
04 05 23 16-0040	SF	3 Ounce, 1 Side Kraft Paper And Asphalt, Thru-Wall Copper Flashing	8.71	1.63
04 05 23 16-0041	SF	5 Ounce, 1 Side Kraft Paper And Asphalt, Thru-Wall Copper Flashing	10.84	1.63
04 05 23 16-0042	SF	7 Ounce, 1 Side Kraft Paper And Asphalt, Thru-Wall Copper Flashing	12.73	1.63
04 05 23 16-0043	SF	10 Ounce, 1 Side Kraft Paper And Asphalt, Thru-Wall Copper Flashing	13.53	1.63
04 05 23 16-0044		2 Sides Kraft Paper And Asphalt, Thru-Wall Copper Flashing *(04 05 23 16-0025)*		
04 05 23 16-0045	SF	2 Ounce, 2 Sides Kraft Paper And Asphalt, Thru-Wall Copper Flashing	8.03	1.63
04 05 23 16-0046	SF	3 Ounce, 2 Sides Kraft Paper And Asphalt, Thru-Wall Copper Flashing	8.98	1.63
04 05 23 16-0047	SF	5 Ounce, 2 Sides Kraft Paper And Asphalt, Thru-Wall Copper Flashing	10.37	1.63
04 05 23 16-0048	SF	7 Ounce, 2 Sides Kraft Paper And Asphalt, Thru-Wall Copper Flashing	13.27	1.63
04 05 23 16-0049	SF	10 Ounce, 2 Sides Kraft Paper And Asphalt, Thru-Wall Copper Flashing	9.42	1.63
04 05 23 16-0050		2 Sides Kraft Paper Reinforced With Glass Fabric And Asphalt, Thru-Wall Copper Flashing *(04 05 23 16-0025)*		
04 05 23 16-0051	SF	3 Ounce, 2 Sides Kraft Paper Reinforced With Glass Fabric And Asphalt, Thru-Wall Copper Flashing	11.20	1.63
04 05 23 16-0052	SF	5 Ounce, 2 Sides Kraft Paper Reinforced With Glass Fabric And Asphalt, Thru-Wall Copper Flashing	14.06	1.63
04 05 23 16-0053		2 Sides Glass Fabric, Thru-Wall Copper Flashing *(04 05 23 16-0025)*		
		Note: Glass fabric is bonded to both sides with a non-asphaltic adhesive.		
04 05 23 16-0054	SF	3 Ounce, 2 Sides Glass Fabric, Thru-Wall Copper Flashing	9.55	1.63
04 05 23 16-0055	SF	5 Ounce, 2 Sides Glass Fabric, Thru-Wall Copper Flashing	12.10	1.63

04 20 Unit Masonry *(04)*

Note: Includes finishing joints (pointing) and cleaning of new brick and mortar. Cutting of new bricks/blocks to size. Weep holes and wicking material.

04 21 Clay Unit Masonry *(04 20)*

04 21 13 Brick Masonry *(04 21)*

Note: Includes brick and mortar. See CSI section 04 05 19 13-0000 for reinforcing, 04 05 19 16-0000 for masonry anchors.

04 21 13 00-0001 Brick Masonry *(04 21 13)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 21 13 00-0002	SF	Standard Size Red Brick, Running Bond	29.06	
		Note: Standard size brick, 3-5/8" x 2-1/4" x 8". (6.55 Bricks/SF)		
		For Buff Or Gray, Add	*0.96*	
		For Common Or American Bond, Add	*0.93*	
		For English Bond, Add	*1.86*	
		For Flemish Bond, Add	*3.78*	
		For Stacked Bond, Add	*2.62*	
		For <10, Small Area Replacements (Individual Areas), Add	*35.21*	
		For Curved Wall, Add	*4.66*	
		For Corbels, Add	*17.46*	
		For Severe Weather (SW) Brick, Add	*0.87*	
		For Glazed Brick, Add	*20.23*	
04 21 13 00-0003	SF	Engineer Standard Size Red Brick, Running Bond	29.91	
		Note: Engineer standard size brick, 3-5/8" x 2-3/4" x 8". (5.39 Bricks/SF)		
		For Buff Or Gray, Add	*1.19*	
		For Common Or American Bond, Add	*0.91*	
		For English Bond, Add	*1.82*	
		For Flemish Bond, Add	*3.77*	
		For Stacked Bond, Add	*2.63*	
		For <10, Small Area Replacements (Individual Areas), Add	*34.48*	
		For Curved Wall, Add	*4.55*	
		For Corbels, Add	*17.06*	
		For Severe Weather (SW) Brick, Add	*1.07*	
		For Glazed Brick, Add	*25.06*	
04 21 13 00-0004	SF	Modular Size Red Brick, Running Bond	29.06	
		Note: Modular size brick, 3-5/8" x 2-1/4" x 7-5/8". (6.75 Bricks/SF)		
		For Buff Or Gray, Add	*0.96*	
		For Common Or American Bond, Add	*0.93*	
		For English Bond, Add	*1.86*	
		For Flemish Bond, Add	*3.78*	
		For Stacked Bond, Add	*2.62*	
		For <10, Small Area Replacements (Individual Areas), Add	*35.21*	
		For Curved Wall, Add	*4.66*	
		For Corbels, Add	*17.46*	
		For Severe Weather (SW) Brick, Add	*0.87*	
		For Glazed Brick, Add	*20.23*	
04 21 13 00-0005	SF	Engineer Modular Size Red Brick, Running Bond	29.91	
		Note: Engineer modular size brick, 3-5/8" x 2-3/4" x 7-5/8". (5.63 Bricks/SF)		
		For Buff Or Gray, Add	*1.19*	
		For Common Or American Bond, Add	*0.91*	
		For English Bond, Add	*1.82*	
		For Flemish Bond, Add	*3.77*	
		For Stacked Bond, Add	*2.63*	
		For <10, Small Area Replacements (Individual Areas), Add	*34.48*	
		For Curved Wall, Add	*4.55*	
		For Corbels, Add	*17.06*	
		For Severe Weather (SW) Brick, Add	*1.07*	
		For Glazed Brick, Add	*25.06*	
04 21 13 00-0006	SF	Economy Size Red Brick, Running Bond	29.72	
		Note: Economy size brick, 3-5/8" x 3-5/8" x 7-5/8". (4.5 Bricks/SF)		
		For Buff Or Gray, Add	*1.16*	
		For Common Or American Bond, Add	*0.91*	
		For English Bond, Add	*1.82*	
		For Flemish Bond, Add	*3.76*	
		For Stacked Bond, Add	*2.62*	
		For <10, Small Area Replacements (Individual Areas), Add	*34.47*	
		For Curved Wall, Add	*4.55*	
		For Corbels, Add	*17.06*	
		For Severe Weather (SW) Brick, Add	*1.05*	
		For Glazed Brick, Add	*24.40*	
04 21 13 00-0007	SF	Utility Size Red Brick, Running Bond	21.86	
		Note: Utility size brick, 3-5/8" x 3-5/8" x 11-5/8". (3.0 Bricks/SF)		
		For Buff Or Gray, Add	*1.00*	
		For Common Or American Bond, Add	*0.64*	
		For English Bond, Add	*1.27*	
		For Flemish Bond, Add	*2.68*	
		For Stacked Bond, Add	*1.89*	
		For <10, Small Area Replacements (Individual Areas), Add	*24.13*	
		For Curved Wall, Add	*3.18*	
		For Corbels, Add	*11.92*	
		For Severe Weather (SW) Brick, Add	*0.90*	
		For Glazed Brick, Add	*20.90*	
04 21 13 00-0008	SF	Double Utility Size Red Brick, Running Bond	20.07	
		Note: Double utility size brick, 3-5/8" x 7-5/8" x 11-5/8". (1.5 Bricks/SF)		
		For Buff Or Gray, Add	*0.70*	
		For Common Or American Bond, Add	*0.64*	
		For English Bond, Add	*1.27*	
		For Flemish Bond, Add	*2.59*	
		For Stacked Bond, Add	*1.80*	
		For <10, Small Area Replacements (Individual Areas), Add	*24.04*	
		For Curved Wall, Add	*3.18*	
		For Corbels, Add	*11.92*	
		For Severe Weather (SW) Brick, Add	*0.63*	
		For Glazed Brick, Add	*14.63*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 21 13 00-0009	SF	Norman Size Red Brick, Running Bond Note: Norman size brick, 3-5/8" x 2-1/4" x 11-5/8". (4.5 Bricks/SF)	30.27	
		For Buff Or Gray, Add	*1.25*	
		For Common Or American Bond, Add	*0.91*	
		For English Bond, Add	*1.82*	
		For Flemish Bond, Add	*3.79*	
		For Stacked Bond, Add	*2.65*	
		For <10, Small Area Replacements (Individual Areas), Add	*34.50*	
		For Curved Wall, Add	*4.55*	
		For Corbels, Add	*17.06*	
		For Severe Weather (SW) Brick, Add	*1.13*	
		For Glazed Brick, Add	*26.32*	
04 21 13 00-0010	SF	Roman Size Red Brick, Running Bond Note: Roman size brick, 3-5/8" x 1-5/8" x 11-5/8". (6.0 Bricks/SF)	31.85	
		For Buff Or Gray, Add	*1.52*	
		For Common Or American Bond, Add	*0.91*	
		For English Bond, Add	*1.82*	
		For Flemish Bond, Add	*3.87*	
		For Stacked Bond, Add	*2.73*	
		For <10, Small Area Replacements (Individual Areas), Add	*34.58*	
		For Curved Wall, Add	*4.55*	
		For Corbels, Add	*17.06*	
		For Severe Weather (SW) Brick, Add	*1.37*	
		For Glazed Brick, Add	*31.85*	

04 21 13 00-0011 Fire Brick *(04 21 13)*

04 21 13 00-0012	SF	Running Bond, Red Fire Brick	33.44	
		For Buff Or Gray, Add	*1.78*	
		For Common Or American Bond, Add	*0.91*	
		For English Bond, Add	*1.82*	
		For Flemish Bond, Add	*3.95*	
		For Stacked Bond, Add	*2.81*	
		For <10, Small Area Replacements (Individual Areas), Add	*34.66*	

04 21 13 00-0013 Window Sill *(04 21 13)*

04 21 13 00-0014	LF	Standard Size Red Brick, Window Sill Note: Standard size brick, 3-5/8" x 2-1/4" x 8", placed on edge.	27.10	
		For Buff Or Gray, Add	*0.28*	
04 21 13 00-0015	LF	Engineer Standard Size Red Brick, Window Sill Note: Engineer standard size brick, 3-5/8" x 2-3/4" x 8", placed on edge.	27.30	
		For Buff Or Gray, Add	*0.31*	
04 21 13 00-0016	LF	Modular Size Red Brick, Window Sill Note: Modular size brick, 3-5/8" x 2-1/4" x 7-5/8", placed on edge.	27.10	
		For Buff Or Gray, Add	*0.28*	
04 21 13 00-0017	LF	Engineer Modular Size Red Brick, Window Sill Note: Engineer modular size brick, 3-5/8" x 2-3/4" x 7-5/8", placed on edge.	27.43	
		For Buff Or Gray, Add	*0.33*	
04 21 13 00-0018	LF	Economy Size Red Brick, Window Sill Note: Economy size brick, 3-5/8" x 3-5/8" x 7-5/8", placed on edge.	28.30	
		For Buff Or Gray, Add	*0.48*	
04 21 13 00-0019	LF	Utility Size Red Brick, Window Sill Note: Utility size brick, 3-5/8" x 3-5/8" x 11-5/8", placed on edge.	28.48	
		For Buff Or Gray, Add	*0.51*	
04 21 13 00-0020	LF	Double Utility Size Red Brick, Window Sill Note: Double utility size brick, 3-5/8" x 7-5/8" x 11-5/8", placed on edge.	28.48	
		For Buff Or Gray, Add	*0.51*	
04 21 13 00-0021	LF	Norman Size Red Brick, Window Sill Note: Norman size brick, 3-5/8" x 2-1/4" x 11-5/8", placed on edge.	27.54	
		For Buff Or Gray, Add	*0.35*	
04 21 13 00-0022	LF	Roman Size Red Brick, Window Sill Note: Roman size brick, 3-5/8" x 1-5/8" x 11-5/8", placed on edge.	27.63	
		For Buff Or Gray, Add	*0.37*	

04 21 19 Clay Tile Masonry *(04 21)*

04 21 19 00-0001 Scored Face, Hollow, Clay Backing Tile *(04 21 19)*

04 21 19 00-0002 Load Bearing, Scored Face, Hollow, Clay Backing Tile *(04 21 19 00-0001)*

04 21 19 00-0003	SF	4" Thick Load Bearing, Scored Face, Hollow, Clay Backing Tile	25.79	
		For Smooth Face, One Side, Add	*1.54*	
		For Smooth Face, Two Sides, Add	*2.56*	
04 21 19 00-0004	SF	6" Thick Load Bearing, Scored Face, Hollow, Clay Backing Tile	27.96	
		For Smooth Face, One Side, Add	*1.70*	
		For Smooth Face, Two Sides, Add	*2.84*	
04 21 19 00-0005	SF	8" Thick Load Bearing, Scored Face, Hollow, Clay Backing Tile	31.20	
		For Smooth Face, One Side, Add	*1.96*	
		For Smooth Face, Two Sides, Add	*3.30*	
04 21 19 00-0006	SF	10" Thick Load Bearing, Scored Face, Hollow, Clay Backing Tile	42.07	
		For Smooth Face, One Side, Add	*2.98*	
		For Smooth Face, Two Sides, Add	*5.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 21 19 00-0007	SF	12" Thick Load Bearing, Scored Face, Hollow, Clay Backing Tile	54.71	
		For Smooth Face, One Side, Add	*4.12*	
		For Smooth Face, Two Sides, Add	*7.16*	

04 21 19 00-0008 Non-Load Bearing, Scored Face, Hollow, Clay Backing Tile *(04 21 19 00-0001)*

04 21 19 00-0009	SF	3" Thick Non-Load Bearing, Scored Face, Hollow, Clay Backing Tile	21.73	
		For Smooth Face, One Side, Add	*1.25*	
		For Smooth Face, Two Sides, Add	*2.06*	
04 21 19 00-0010	SF	4" Thick Non-Load Bearing, Scored Face, Hollow, Clay Backing Tile	25.70	
		For Smooth Face, One Side, Add	*1.60*	
		For Smooth Face, Two Sides, Add	*2.68*	
04 21 19 00-0011	SF	6" Thick Non-Load Bearing, Scored Face, Hollow, Clay Backing Tile	26.42	
		For Smooth Face, One Side, Add	*1.62*	
		For Smooth Face, Two Sides, Add	*2.72*	
04 21 19 00-0012	SF	8" Thick Non-Load Bearing, Scored Face, Hollow, Clay Backing Tile	39.35	
		For Smooth Face, One Side, Add	*2.84*	
		For Smooth Face, Two Sides, Add	*4.89*	
04 21 19 00-0013	SF	12" Thick Non-Load Bearing, Scored Face, Hollow, Clay Backing Tile	53.01	
		For Smooth Face, One Side, Add	*4.07*	
		For Smooth Face, Two Sides, Add	*7.09*	

04 21 26 Glazed Structural Clay Tile Masonry *(04 21)*

Note: Includes tile and mortar in all colors.

04 21 26 00-0001 6T Series Structural Glazed Clay Tile *(04 21 26)*

04 21 26 00-0002 Glazed On One Side 6T Series Structural Glazed Clay Tile *(04 21 26 00-0001)*

04 21 26 00-0003	SF	2" Thick 1 Sided 6T Series Structural Glazed Clay Tile, 5-1/3" x 12"	36.51	
		For Stacked Bond, Add	*2.50*	
04 21 26 00-0004	SF	4" Thick 1 Sided 6T Series Structural Glazed Clay Tile, 5-1/3" x 12"	40.52	
		For Stacked Bond, Add	*2.50*	
04 21 26 00-0005	SF	6" Thick 1 Sided 6T Series Structural Glazed Clay Tile, 5-1/3" x 12"	48.92	
		For Stacked Bond, Add	*2.61*	

04 21 26 00-0006 Special Shapes 6T Series Structural Glazed Clay Tile *(04 21 26 00-0001)*

04 21 26 00-0007	LF	Bullnose, Jamb Or Sill Shapes 6T Series Structural Glazed Clay Tile	38.67	
		For Stacked Bond, Add	*2.95*	
04 21 26 00-0008	LF	2" Or 4" Cove Base 6T Series Structural Glazed Clay Tile	45.35	
		For Stacked Bond, Add	*2.95*	

04 21 26 00-0009 8W Series Structural Glazed Clay Tile *(04 21 26)*

04 21 26 00-0010 Glazed On One Side 8W Series Structural Glazed Clay Tile *(04 21 26 00-0009)*

04 21 26 00-0011	SF	2" Thick 1 Sided 8W Series Structural Glazed Clay Tile, 8" x 16"	28.17	
		For Stacked Bond, Add	*1.59*	
04 21 26 00-0012	SF	4" Thick 1 Sided 8W Series Structural Glazed Clay Tile, 8" x 16"	34.71	
		For Stacked Bond, Add	*1.70*	
04 21 26 00-0013	SF	6" Thick 1 Sided 8W Series Structural Glazed Clay Tile, 8" x 16"	47.25	
		For Stacked Bond, Add	*1.82*	

04 21 26 00-0014 Special Shapes 8W Series Structural Glazed Clay Tile *(04 21 26 00-0009)*

04 21 26 00-0015	LF	Bullnose, Jamb Or Sill Shapes 8W Series Structural Glazed Clay Tile	38.38	
		For Stacked Bond, Add	*2.04*	
04 21 26 00-0016	LF	2" Or 4" Cove Base 8W Series Structural Glazed Clay Tile	38.32	
		For Stacked Bond, Add	*2.04*	

04 21 26 00-0017 4W Series Structural Glazed Clay Tile *(04 21 26)*

04 21 26 00-0018 Glazed On One Side 4W Series Structural Glazed Clay Tile *(04 21 26 00-0017)*

04 21 26 00-0019	SF	2" Thick 1 Sided 4W Series Structural Glazed Tile, 8" x 8"	38.02	
		For Stacked Bond, Add	*2.50*	
04 21 26 00-0020	SF	4" Thick 1 Sided 4W Series Structural Glazed Tile, 8" x 8"	40.02	
		For Stacked Bond, Add	*2.50*	
04 21 26 00-0021	SF	6" Thick 1 Sided 4W Series Structural Glazed Tile, 8" x 8"	49.18	
		For Stacked Bond, Add	*2.61*	

04 21 26 00-0022 Special Shapes 4W Series Structural Glazed Clay Tile *(04 21 26 00-0017)*

04 21 26 00-0023	LF	Bullnose, Jamb Or Sill Shapes 4W Series Structural Glazed Clay Tile	39.89	
		For Stacked Bond, Add	*2.95*	
04 21 26 00-0024	LF	2" Or 4" Cove Base 4W Series Structural Glazed Clay Tile	45.24	
		For Stacked Bond, Add	*2.95*	

04 21 26 00-0025 6T Series Sound Absorbing Structural Glazed Tile *(04 21 26)*

04 21 26 00-0026	SF	4" Thick, 6T Sound Absorbing Structural Glazed Tile	39.41	
04 21 26 00-0027	SF	6" Thick, 6T Sound Absorbing Structural Glazed Tile	42.50	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 21 26 00-0028	SF	8" Thick, 6T Sound Absorbing Structural Glazed Tile	49.62	

04 21 26 00-0029 8T Series Sound Absorbing Structural Glazed Tile *(04 21 26)*

04 21 26 00-0030	SF	4" Thick, 8T Sound Absorbing Structural Glazed Tile	42.26	
04 21 26 00-0031	SF	6" Thick, 8T Sound Absorbing Structural Glazed Tile	47.50	
04 21 26 00-0032	SF	8" Thick, 8T Acoustical Glazed Tile	56.50	

04 22 Concrete Unit Masonry *(04 20)*

Note: Includes block and mortar. Excludes horizontal and vertical reinforcing. See CSI section 04 05 19 13-0000 for joint reinforcing.

04 22 23 Architectural Concrete Unit Masonry *(04 22)*

04 22 23 13 Exposed Aggregate Concrete Unit Masonry *(04 22 23)*

04 22 23 13-0001 Concrete Blocks *(04 22 23 13)*

04 22 23 13-0002 Lightweight Concrete Blocks *(04 22 23 13-0001)*

04 22 23 13-0003 Cored, Lightweight, Concrete Blocks *(04 22 23 13-0002)*

04 22 23 13-0004	SF	4" x 8" x 16", Cored, Lightweight, Concrete Block	14.10
		For Stacked Bond, Add	*3.14*
		For Scored Block, Add	*0.40*
		For Curved Wall Application, Add	*2.42*
		For <10, Small Area Replacements (Individual Areas), Add	*18.27*
04 22 23 13-0005	SF	6" x 8" x 16", Cored, Lightweight, Concrete Block	15.62
		For Stacked Bond, Add	*3.40*
		For Scored Block, Add	*0.51*
		For Curved Wall Application, Add	*2.61*
		For <10, Small Area Replacements (Individual Areas), Add	*19.78*
04 22 23 13-0006	SF	8" x 8" x 16", Cored, Lightweight, Concrete Block	16.91
		For Stacked Bond, Add	*3.65*
		For Scored Block, Add	*0.58*
		For Curved Wall Application, Add	*2.81*
		For <10, Small Area Replacements (Individual Areas), Add	*21.26*
04 22 23 13-0007	SF	10" x 8" x 16", Cored, Lightweight, Concrete Block	18.52
		For Stacked Bond, Add	*3.82*
		For Scored Block, Add	*0.77*
		For Curved Wall Application, Add	*2.94*
		For <10, Small Area Replacements (Individual Areas), Add	*22.31*
04 22 23 13-0008	SF	12" x 8" x 16", Cored, Lightweight, Concrete Block	22.38
		For Stacked Bond, Add	*4.75*
		For Scored Block, Add	*0.83*
		For Curved Wall Application, Add	*3.65*
		For <10, Small Area Replacements (Individual Areas), Add	*27.68*

04 22 23 13-0009 Solid, Lightweight, Concrete Blocks *(04 22 23 13-0002)*

04 22 23 13-0010	SF	4" x 8" x 16", Solid, Lightweight, Concrete Block	15.08
		For Stacked Bond, Add	*3.22*
		For Scored Block, Add	*0.54*
		For Curved Wall Application, Add	*2.48*
		For <10, Small Area Replacements (Individual Areas), Add	*18.79*
04 22 23 13-0011	SF	6" x 8" x 16", Solid, Lightweight, Concrete Block	16.53
		For Stacked Bond, Add	*3.54*
		For Scored Block, Add	*0.58*
		For Curved Wall Application, Add	*2.72*
		For <10, Small Area Replacements (Individual Areas), Add	*20.65*
04 22 23 13-0012	SF	8" x 8" x 16", Solid, Lightweight, Concrete Block	17.47
		For Stacked Bond, Add	*3.76*
		For Scored Block, Add	*0.60*
		For Curved Wall Application, Add	*2.89*
		For <10, Small Area Replacements (Individual Areas), Add	*21.92*
04 22 23 13-0013	SF	10" x 8" x 16", Solid, Lightweight, Concrete Block	19.30
		For Stacked Bond, Add	*3.94*
		For Scored Block, Add	*0.83*
		For Curved Wall Application, Add	*3.03*
		For <10, Small Area Replacements (Individual Areas), Add	*23.02*
04 22 23 13-0014	SF	12" x 8" x 16", Solid, Lightweight, Concrete Block	23.31
		For Stacked Bond, Add	*4.90*
		For Scored Block, Add	*0.89*
		For Curved Wall Application, Add	*3.77*
		For <10, Small Area Replacements (Individual Areas), Add	*28.62*

04 22 23 13-0015 Normal Weight Concrete Blocks *(04 22 23 13-0001)*

04 22 23 13-0016 Cored, Normal Weight, Concrete Blocks *(04 22 23 13-0015)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 22 23 13-0017	SF	4" x 8" x 16", Cored, Normal Weight, Concrete Block	14.41	
		For Stacked Bond, Add	*3.22*	
		For Scored Block, Add	*0.40*	
		For Curved Wall Application, Add	*2.48*	
		For <10, Small Area Replacements (Individual Areas), Add	*18.74*	
		For 3,500 PSI, Add	*0.42*	
		For 5,000 PSI, Add	*0.73*	
04 22 23 13-0018	SF	6" x 8" x 16", Cored, Normal Weight, Concrete Block	15.93	
		For Stacked Bond, Add	*3.54*	
		For Scored Block, Add	*0.46*	
		For Curved Wall Application, Add	*2.72*	
		For <10, Small Area Replacements (Individual Areas), Add	*20.60*	
		For 3,500 PSI, Add	*0.49*	
		For 5,000 PSI, Add	*0.83*	
04 22 23 13-0019	SF	8" x 8" x 16", Cored, Normal Weight, Concrete Block	17.12	
		For Stacked Bond, Add	*3.76*	
		For Scored Block, Add	*0.53*	
		For Curved Wall Application, Add	*2.89*	
		For <10, Small Area Replacements (Individual Areas), Add	*21.89*	
		For 3,500 PSI, Add	*0.56*	
		For 5,000 PSI, Add	*0.96*	
04 22 23 13-0020	SF	10" x 8" x 16", Cored, Normal Weight, Concrete Block	20.26	
		For Stacked Bond, Add	*3.94*	
		For Scored Block, Add	*1.02*	
		For Curved Wall Application, Add	*3.03*	
		For <10, Small Area Replacements (Individual Areas), Add	*23.09*	
		For 3,500 PSI, Add	*1.08*	
		For 5,000 PSI, Add	*1.84*	
04 22 23 13-0021	SF	12" x 8" x 16", Cored, Normal Weight, Concrete Block	24.14	
		For Stacked Bond, Add	*4.90*	
		For Scored Block, Add	*1.06*	
		For Curved Wall Application, Add	*3.77*	
		For <10, Small Area Replacements (Individual Areas), Add	*28.69*	
		For 3,500 PSI, Add	*1.11*	
		For 5,000 PSI, Add	*1.90*	

04 22 23 13-0022 Solid, Normal Weight, Concrete Blocks *(04 22 23 13-0015)*

04 22 23 13-0023	SF	4" x 8" x 16", Solid, Normal Weight, Concrete Block	15.28	
		For Stacked Bond, Add	*3.31*	
		For Scored Block, Add	*0.51*	
		For Curved Wall Application, Add	*2.54*	
		For <10, Small Area Replacements (Individual Areas), Add	*19.27*	
		For 3,500 PSI, Add	*0.54*	
		For 5,000 PSI, Add	*0.92*	
04 22 23 13-0024	SF	6" x 8" x 16", Solid, Normal Weight, Concrete Block	16.40	
		For Stacked Bond, Add	*3.65*	
		For Scored Block, Add	*0.47*	
		For Curved Wall Application, Add	*2.81*	
		For <10, Small Area Replacements (Individual Areas), Add	*21.22*	
		For 3,500 PSI, Add	*0.50*	
		For 5,000 PSI, Add	*0.85*	
04 22 23 13-0025	SF	8" x 8" x 16", Solid, Normal Weight, Concrete Block	17.65	
		For Stacked Bond, Add	*3.87*	
		For Scored Block, Add	*0.55*	
		For Curved Wall Application, Add	*2.98*	
		For <10, Small Area Replacements (Individual Areas), Add	*22.56*	
		For 3,500 PSI, Add	*0.58*	
		For 5,000 PSI, Add	*0.99*	
04 22 23 13-0026	SF	10" x 8" x 16", Solid, Normal Weight, Concrete Block	19.32	
		For Stacked Bond, Add	*4.07*	
		For Scored Block, Add	*0.74*	
		For Curved Wall Application, Add	*3.13*	
		For <10, Small Area Replacements (Individual Areas), Add	*23.74*	
		For 3,500 PSI, Add	*0.77*	
		For 5,000 PSI, Add	*1.32*	
04 22 23 13-0027	SF	12" x 8" x 16", Solid, Normal Weight, Concrete Block	23.36	
		For Stacked Bond, Add	*5.08*	
		For Scored Block, Add	*0.77*	
		For Curved Wall Application, Add	*3.90*	
		For <10, Small Area Replacements (Individual Areas), Add	*29.57*	
		For 3,500 PSI, Add	*0.81*	
		For 5,000 PSI, Add	*1.38*	

04 22 23 13-0028 Bond Beam Or Lintel Concrete Blocks *(04 22 23 13)*

04 22 23 13-0029 Lightweight, Bond Beam Or Lintel Concrete Blocks *(04 22 23 13-0028)*

Note: Excludes concrete fill and reinforcing.

04 22 23 13-0030	LF	6" x 8" x 16", Lightweight, Bond Beam Or Lintel Concrete Block	16.22	
		For Stacked Bond, Add	*3.40*	
		For Grout And Fill With 2 #5 Rebar, Add	*9.69*	
		For Scored Block, Add	*0.63*	
		For Curved Wall Application, Add	*2.61*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 22 23 13-0031	LF	8" x 8" x 16", Lightweight, Bond Beam Or Lintel Concrete Block	17.85	
		For Stacked Bond, Add	*3.65*	
		For Grout And Fill With 2 #5 Rebar, Add	*10.84*	
		For Scored Block, Add	*0.76*	
		For Curved Wall Application, Add	*2.81*	
04 22 23 13-0032	LF	12" x 8" x 16", Lightweight, Bond Beam Or Lintel Concrete Block	22.31	
		For Stacked Bond, Add	*4.75*	
		For Grout And Fill With 2 #5 Rebar, Add	*13.19*	
		For Scored Block, Add	*0.81*	
		For Curved Wall Application, Add	*3.65*	

04 22 23 13-0033 Normal Weight, Bond Beam Or Lintel Concrete Blocks *(04 22 23 13-0028)*

Note: Excludes concrete fill and reinforcing.

04 22 23 13-0034	LF	6" x 8" x 16", Normal Weight, Bond Beam Or Lintel Concrete Block	16.33	
		For Stacked Bond, Add	*3.54*	
		For Grout And Fill With 2 #5 Rebar, Add	*9.52*	
		For Scored Block, Add	*0.54*	
		For Curved Wall Application, Add	*2.72*	
		For 3,500 PSI, Add	*0.57*	
		For 5,000 PSI, Add	*0.98*	
04 22 23 13-0035	LF	8" x 8" x 16", Normal Weight, Bond Beam Or Lintel Concrete Block	17.82	
		For Stacked Bond, Add	*3.76*	
		For Grout And Fill With 2 #5 Rebar, Add	*10.59*	
		For Scored Block, Add	*0.67*	
		For Curved Wall Application, Add	*2.89*	
		For 3,500 PSI, Add	*0.71*	
		For 5,000 PSI, Add	*1.21*	
04 22 23 13-0036	LF	12" x 8" x 16", Normal Weight, Bond Beam Or Lintel Concrete Block	22.47	
		For Stacked Bond, Add	*4.90*	
		For Grout And Fill With 2 #5 Rebar, Add	*13.04*	
		For Scored Block, Add	*0.72*	
		For Curved Wall Application, Add	*3.77*	
		For 3,500 PSI, Add	*0.76*	
		For 5,000 PSI, Add	*1.30*	

04 22 23 23 Prefaced Concrete Unit Masonry *(04 22 23)*

04 22 23 23-0001 Ground Face Concrete Blocks *(04 22 23 23)*

04 22 23 23-0002	SF	4" x 8" x 16", Ground Face, Concrete Block	18.37	
		For Stacked Bond, Add	*3.94*	
		For Scored Block, Add	*0.65*	
		For Curved Wall Application, Add	*3.03*	
		For <10, Small Area Replacements (Individual Areas), Add	*22.95*	
04 22 23 23-0003	SF	6" x 8" x 16", Ground Face, Concrete Block	20.72	
		For Stacked Bond, Add	*4.43*	
		For Scored Block, Add	*0.74*	
		For Curved Wall Application, Add	*3.41*	
		For <10, Small Area Replacements (Individual Areas), Add	*25.84*	
04 22 23 23-0004	SF	8" x 8" x 16", Ground Face, Concrete Block	22.36	
		For Stacked Bond, Add	*4.68*	
		For Scored Block, Add	*0.87*	
		For Curved Wall Application, Add	*3.60*	
		For <10, Small Area Replacements (Individual Areas), Add	*27.33*	
04 22 23 23-0005	SF	10" x 8" x 16", Ground Face, Concrete Block	23.88	
		For Stacked Bond, Add	*4.96*	
		For Scored Block, Add	*0.96*	
		For Curved Wall Application, Add	*3.82*	
		For <10, Small Area Replacements (Individual Areas), Add	*28.98*	
04 22 23 23-0006	SF	12" x 8" x 16", Ground Face, Concrete Block	28.82	
		For Stacked Bond, Add	*6.13*	
		For Scored Block, Add	*1.05*	
		For Curved Wall Application, Add	*4.71*	
		For <10, Small Area Replacements (Individual Areas), Add	*35.75*	

04 22 23 26 Sound-Absorbing Concrete Unit Masonry *(04 22 23)*

04 22 23 26-0001 Slotted, Acoustical Concrete Block *(04 22 23 26)*

04 22 23 26-0002	SF	4" x 8" x 16", .45 - .55 NRC, Slotted, Acoustical Concrete Block	24.07	
		For Stacked Bond, Add	*3.94*	
		For Curved Wall Application, Add	*3.03*	
		For <10, Small Area Replacements (Individual Areas), Add	*23.38*	
04 22 23 26-0003	SF	6" x 8" x 16", .45 - .55 NRC, Slotted, Acoustical Concrete Block	26.92	
		For Stacked Bond, Add	*4.28*	
		For Curved Wall Application, Add	*3.29*	
		For <10, Small Area Replacements (Individual Areas), Add	*25.46*	
04 22 23 26-0004	SF	8" x 8" x 16", .45 - .55 NRC, Slotted, Acoustical Concrete Block	30.90	
		For Stacked Bond, Add	*4.68*	
		For Curved Wall Application, Add	*3.60*	
		For <10, Small Area Replacements (Individual Areas), Add	*27.97*	

04 22 23 29 Split-Face Concrete Unit Masonry *(04 22 23)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 22 23 29-0001		Split Face, Concrete Blocks *(04 22 23 29)*		
04 22 23 29-0002		Plain Or Scored, Split Face, Concrete Blocks *(04 22 23 29-0001)*		
04 22 23 29-0003	SF	4" x 8" x 16", Plain Or Scored, Split Face, Concrete Block	18.76	
		For Stacked Bond, Add	*3.94*	
		For Curved Wall Application, Add	*3.03*	
		For <10, Small Area Replacements (Individual Areas), Add	*22.98*	
04 22 23 29-0004	SF	6" x 8" x 16", Plain Or Scored, Split Face, Concrete Block	21.17	
		For Stacked Bond, Add	*4.43*	
		For Curved Wall Application, Add	*3.41*	
		For <10, Small Area Replacements (Individual Areas), Add	*25.87*	
04 22 23 29-0005	SF	8" x 8" x 16", Plain Or Scored, Split Face, Concrete Block	22.87	
		For Stacked Bond, Add	*4.68*	
		For Curved Wall Application, Add	*3.60*	
		For <10, Small Area Replacements (Individual Areas), Add	*27.37*	
04 22 23 29-0006	SF	10" x 8" x 16", Plain Or Scored, Split Face, Concrete Block	24.49	
		For Stacked Bond, Add	*4.96*	
		For Curved Wall Application, Add	*3.82*	
		For <10, Small Area Replacements (Individual Areas), Add	*29.03*	
04 22 23 29-0007	SF	12" x 8" x 16", Plain Or Scored, Split Face, Concrete Block	29.18	
		For Stacked Bond, Add	*6.13*	
		For Curved Wall Application, Add	*4.71*	
		For <10, Small Area Replacements (Individual Areas), Add	*35.78*	
04 22 23 29-0008		Plain Or Scored, Split Face, Bond Beam Or Lintel Concrete Blocks *(04 22 23 29-0001)*		
04 22 23 29-0009	SF	4" x 8" x 16", Plain Or Scored, Split Face, Bond Beam Or Lintel Concrete Block	19.66	
		For Stacked Bond, Add	*3.94*	
		For Grout And Fill With 2 #5 Rebar, Add	*12.09*	
		For Curved Wall Application, Add	*3.03*	
		For <10, Small Area Replacements (Individual Areas), Add	*23.05*	
04 22 23 29-0010	SF	6" x 8" x 16", Plain Or Scored, Split Face, Bond Beam Or Lintel Concrete Block	22.20	
		For Stacked Bond, Add	*4.43*	
		For Grout And Fill With 2 #5 Rebar, Add	*13.68*	
		For Curved Wall Application, Add	*3.41*	
		For <10, Small Area Replacements (Individual Areas), Add	*25.95*	
04 22 23 29-0011	SF	8" x 8" x 16", Plain Or Scored, Split Face, Bond Beam Or Lintel Concrete Block	24.09	
		For Stacked Bond, Add	*4.68*	
		For Grout And Fill With 2 #5 Rebar, Add	*15.09*	
		For Curved Wall Application, Add	*3.60*	
		For <10, Small Area Replacements (Individual Areas), Add	*27.46*	
04 22 23 29-0012	SF	10" x 8" x 16", Plain Or Scored, Split Face, Bond Beam Or Lintel Concrete Block	25.84	
		For Stacked Bond, Add	*4.96*	
		For Grout And Fill With 2 #5 Rebar, Add	*16.30*	
		For Curved Wall Application, Add	*3.82*	
		For <10, Small Area Replacements (Individual Areas), Add	*29.13*	
04 22 23 29-0013	SF	12" x 8" x 16", Plain Or Scored, Split Face, Bond Beam Or Lintel Concrete Block	30.58	
		For Stacked Bond, Add	*6.13*	
		For Grout And Fill With 2 #5 Rebar, Add	*18.80*	
		For Curved Wall Application, Add	*4.71*	
		For <10, Small Area Replacements (Individual Areas), Add	*35.88*	
04 22 23 29-0014		Split Rib, Concrete Block *(04 22 23 29)*		
04 22 23 29-0015		Split Rib, Concrete Block *(04 22 23 29-0014)*		
04 22 23 29-0016	SF	4" x 8" x 16", Split Rib, Concrete Block	18.47	
		For Stacked Bond, Add	*3.94*	
		For Curved Wall Application, Add	*3.03*	
		For <10, Small Area Replacements (Individual Areas), Add	*22.96*	
04 22 23 29-0017	SF	6" x 8" x 16", Split Rib, Concrete Block	21.84	
		For Stacked Bond, Add	*4.43*	
		For Curved Wall Application, Add	*3.41*	
		For <10, Small Area Replacements (Individual Areas), Add	*25.92*	
04 22 23 29-0018	SF	8" x 8" x 16", Split Rib, Concrete Block	23.22	
		For Stacked Bond, Add	*4.68*	
		For Curved Wall Application, Add	*3.60*	
		For <10, Small Area Replacements (Individual Areas), Add	*27.39*	
04 22 23 29-0019	SF	10" x 8" x 16", Split Rib, Concrete Block	24.78	
		For Stacked Bond, Add	*4.96*	
		For Curved Wall Application, Add	*3.82*	
		For <10, Small Area Replacements (Individual Areas), Add	*29.05*	
04 22 23 29-0020	SF	12" x 8" x 16", Split Rib, Concrete Block	29.81	
		For Stacked Bond, Add	*6.13*	
		For Curved Wall Application, Add	*4.71*	
		For <10, Small Area Replacements (Individual Areas), Add	*35.82*	
04 22 23 31		**Glazed Concrete Masonry Unit** *(04 22 23)*		
04 22 23 31-0001		One Glazed Face, Concrete Blocks *(04 22 23 31)*		
04 22 23 31-0002		One Glazed Face, Concrete Blocks *(04 22 23 31-0001)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 22 23 31-0003	SF	4" x 8" x 16", One Glazed Face, Concrete Block	30.69	
		For Stacked Bond, Add	*3.82*	
		For Curved Wall Application, Add	*2.94*	
		For <10, Small Area Replacements (Individual Areas), Add	*23.22*	
04 22 23 31-0004	SF	6" x 8" x 16", One Glazed Face, Concrete Block	32.92	
		For Stacked Bond, Add	*4.20*	
		For Curved Wall Application, Add	*3.23*	
		For <10, Small Area Replacements (Individual Areas), Add	*25.50*	
04 22 23 31-0005	SF	8" x 8" x 16", One Glazed Face, Concrete Block	34.86	
		For Stacked Bond, Add	*4.43*	
		For Curved Wall Application, Add	*3.41*	
		For <10, Small Area Replacements (Individual Areas), Add	*26.90*	
04 22 23 31-0006	SF	10" x 8" x 16", One Glazed Face, Concrete Block	36.91	
		For Stacked Bond, Add	*4.68*	
		For Curved Wall Application, Add	*3.60*	
		For <10, Small Area Replacements (Individual Areas), Add	*28.42*	
04 22 23 31-0007	SF	12" x 8" x 16", One Glazed Face, Concrete Block	42.03	
		For Stacked Bond, Add	*5.77*	
		For Curved Wall Application, Add	*4.44*	
		For <10, Small Area Replacements (Individual Areas), Add	*34.77*	

04 22 23 31-0008 Two Glazed Faces, Concrete Blocks *(04 22 23 31)*

04 22 23 31-0009 Two Glazed Faces, Concrete Blocks *(04 22 23 31-0008)*

04 22 23 31-0010	SF	4" x 8" x 16", Two Glazed Faces, Concrete Block	40.51	
		For Stacked Bond, Add	*4.35*	
		For Curved Wall Application, Add	*3.35*	
		For <10, Small Area Replacements (Individual Areas), Add	*26.89*	
04 22 23 31-0011	SF	6" x 8" x 16", Two Glazed Faces, Concrete Block	42.56	
		For Stacked Bond, Add	*4.68*	
		For Curved Wall Application, Add	*3.60*	
		For <10, Small Area Replacements (Individual Areas), Add	*28.84*	
04 22 23 31-0012	SF	8" x 8" x 16", Two Glazed Faces, Concrete Block	45.49	
		For Stacked Bond, Add	*5.17*	
		For Curved Wall Application, Add	*3.97*	
		For <10, Small Area Replacements (Individual Areas), Add	*31.73*	
04 22 23 31-0013	SF	12" x 8" x 16", Two Glazed Faces, Concrete Block	58.20	
		For Stacked Bond, Add	*5.72*	
		For Curved Wall Application, Add	*4.40*	
		For <10, Small Area Replacements (Individual Areas), Add	*35.73*	

04 23 Glass Unit Masonry *(04 20)*

04 23 13 Vertical Glass Unit Masonry *(04 23)*

Note: Includes 1/4" mortar joints and caulking. Excludes joint reinforcement and anchors.

04 23 13 00-0001 Glass Block Unit Masonry *(04 23 13)*

04 23 13 00-0002	SF	6" x 6" x 4" Plain Glass Block	84.03	
		For Solar Reflective (Suntrol) Blocks, Add	*15.90*	
		For Essex (Horizontal Striated) Blocks, Add	*9.08*	
		For Sculptured Or Patterned Blocks, Add	*15.90*	
		For Colored Glass, Add	*45.42*	
		For Thinline Block, Deduct	*-11.36*	
		For >1,000 To 5,000, Deduct	*-6.12*	
		For >5,000, Deduct	*-10.31*	
04 23 13 00-0003	SF	8" x 8" x 4" Plain Glass Block	60.54	
		For Solar Reflective (Suntrol) Blocks, Add	*11.25*	
		For Essex (Horizontal Striated) Blocks, Add	*6.43*	
		For Sculptured Or Patterned Blocks, Add	*11.25*	
		For Colored Glass, Add	*32.15*	
		For Thinline Block, Deduct	*-8.04*	
		For >1,000 To 5,000, Deduct	*-4.44*	
		For >5,000, Deduct	*-7.46*	
04 23 13 00-0004	SF	12" x 12" x 4" Plain Glass Block	67.19	
		For Solar Reflective (Suntrol) Blocks, Add	*14.38*	
		For Essex (Horizontal Striated) Blocks, Add	*8.22*	
		For Sculptured Or Patterned Blocks, Add	*14.38*	
		For Colored Glass, Add	*41.08*	
		For Thinline Block, Deduct	*-10.27*	
		For >1,000 To 5,000, Deduct	*-4.66*	
		For >5,000, Deduct	*-8.01*	

04 23 13 00-0005 Solid Glass Block (Vistabrik®) *(04 23 13)*

04 23 13 00-0006	SF	3" x 8" x 3" Solid Glass Block (Vistabrik®)	764.59
04 23 13 00-0007	SF	4" x 8" x 3" Solid Glass Block (Vistabrik®)	580.67
04 23 13 00-0008	SF	6" x 8" x 3" Solid Glass Block (Vistabrik®)	398.94
04 23 13 00-0009	SF	8" x 8" x 3" Solid Glass Block (Vistabrik®)	279.51

04 40 Stone Assemblies *(04)*

Note: Includes pointing and cleaning of new stone and mortar. All stone prices include material and mortar.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 41 Dry-Placed Stone *(04 40)*				
04 41 00 00-0001		Ashlar Veneer, Random Size, Square Cut Rough Stone *(04 41)*		
04 41 00 00-0002	SF	4" Thick Ashlar Veneer, Random Size, Square Cut Rough Stone	28.31	8.80
04 41 00 00-0003	SF	6" Thick Ashlar Veneer, Random Size, Square Cut Rough Stone	28.77	8.80
04 42 Exterior Stone Cladding *(04 40)*				
04 42 43 Stone Panels for Curtain Walls *(04 42)*				
04 42 43 00-0001		Marble Facing Panels *(04 42 43)* Note: 3' x 1.5'		
04 42 43 00-0002	SF	3/4" Thick Marble Facing Panels	77.04	19.62
04 42 43 00-0003	SF	7/8" Thick Marble Facing Panels	81.16	19.87
04 42 43 00-0004	SF	1-1/2" Thick Marble Facing Panels	93.15	20.24
04 42 43 00-0005	SF	2" Thick Marble Facing Panels	102.06	20.88
04 42 43 00-0006	SF	2-1/4" Thick Marble Facing Panels	108.74	22.15
04 42 43 00-0007	CF	Marble Face Panel	453.59	72.13
04 42 43 00-0008		Smooth Limestone Panels *(04 42 43)* Note: Up to 12' x 5' panels.		
04 42 43 00-0009	SF	1-1/2" Thick Smooth Limestone Panels	65.64	39.35
04 42 43 00-0010	SF	2" Thick Smooth Limestone Panels	69.51	41.26
04 42 43 00-0011	SF	3" Thick Smooth Limestone Panels	73.55	43.15
04 42 43 00-0012	SF	4" Thick Smooth Limestone Panels	84.64	47.46
04 42 43 00-0013		Sandstone Panels *(04 42 43)*		
04 42 43 00-0014	SF	2-1/2" Thick Sandstone Panels	74.39	41.26
04 42 43 00-0015	SF	4" Thick Sandstone Panels	82.16	47.46
04 42 43 00-0016	SF	Split Face Sandstone Panels, Random Sizes	76.37	47.46
04 43 Stone Masonry *(04 40)*				
04 43 16 Stone Fabrications *(04 43)*				
04 43 16 00-0001		Marble *(04 43 16)*		
04 43 16 00-0002		Marble Base *(04 43 16 00-0001)* Note: 1" thick.		
04 43 16 00-0003	LF	4" High Marble Base	127.98	83.40
04 43 16 00-0004	LF	6" High Marble Base	144.32	90.84
04 43 16 00-0005		Marble Columns *(04 43 16 00-0001)*		
04 43 16 00-0006	CF	Plain Faced Solid Marble Columns	317.90	72.13
04 43 16 00-0007	CF	Fluted, Carved Solid Marble Columns	517.27	72.13
04 43 16 00-0008		Marble Flooring *(04 43 16 00-0001)*		
04 43 16 00-0009	SF	3/8" Uniform Color Marble Flooring	34.90	19.09
04 43 16 00-0010	SF	1/2" Uniform Color Marble Flooring	37.11	19.09
04 43 16 00-0011	SF	1/2" Travertine Marble Flooring	44.25	21.81
04 43 16 00-0012		Marble Items *(04 43 16 00-0001)*		
04 43 16 00-0013	LF	12" Wide Marble Stair Treads	87.46	29.75
04 43 16 00-0014	LF	6" Wide Marble Stair Risers	66.85	23.85
04 43 16 00-0015	LF	6" Wide x 2" Thick Marble Window Sills	41.05	17.86
04 43 16 00-0016	LF	5" Wide x 7/8" Thick Marble Window Stool, Polished	76.81	21.92
04 43 16 00-0017	SF	7/8" Thick, Non-Skid, Marble Patio Blocks	47.11	27.68
04 43 16 00-0018		Limestone *(04 43 16)*		
04 43 16 00-0019		Ashlar Veneer Limestone *(04 43 16 00-0018)*		
04 43 16 00-0020	SF	4" Ashlar Veneer Limestone, Random Sizes	65.72	29.75
04 43 16 00-0021	SF	6" To 8" Thick, Pitched Face Ashlar Veneer Limestone, Random Sizes	98.60	40.88
04 43 16 00-0022		Limestone Coping *(04 43 16 00-0018)* Note: Measured from the highest point. Includes drilling into existing materials, caulk and ties.		
04 43 16 00-0023	SF	2-1/2" Thick Limestone Coping	31.41	10.12
04 43 16 00-0024	SF	3" Thick Limestone Coping	34.91	10.76
04 43 16 00-0025	SF	3-1/2" Thick Limestone Coping	38.42	11.39
04 43 16 00-0026	SF	4" Thick Limestone Coping	40.65	11.77
04 43 16 00-0027	SF	5" Thick Limestone Coping	46.38	12.03

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 43 16 00-0028	SF	6" Thick Limestone Coping	65.26	12.66
04 43 16 00-0029	CF	>6" Thick Limestone Coping	109.88	27.12
04 43 16 00-0030		**Limestone Stair Treads** *(04 43 16 00-0018)*		
04 43 16 00-0031	SF	2" Thick Limestone Treads	38.66	9.49
04 43 16 00-0032	SF	2-1/2" Thick Limestone Treads	40.99	10.12
04 43 16 00-0033	SF	3" Thick Limestone Treads	45.63	10.76
04 43 16 00-0034	SF	3-1/2" Thick Limestone Treads	49.03	11.39
04 43 16 00-0035	SF	4" Thick Limestone Treads	52.41	11.39
04 43 16 00-0036	SF	5" Thick Limestone Treads	56.65	12.03
04 43 16 00-0037	SF	6" Thick Limestone Tread, Smooth Finish	75.92	12.66
04 43 16 00-0038		**Limestone Items** *(04 43 16 00-0018)*		
04 43 16 00-0039	CF	Sawn Edge Limestone Block, Sill, Lintel, Jamb And Other Trim	204.71	101.69
04 43 16 00-0040		**Granite** *(04 43 16)*		
04 43 16 00-0041		**Polished Granite Veneer Facing Panels** *(04 43 16 00-0040)*		
		Note: Excludes structural support steel.		
04 43 16 00-0042	SF	7/8" Thick Black Polished Granite Veneer Facing Panels	112.36	39.61
04 43 16 00-0043	SF	7/8" Thick Gray Polished Granite Veneer Facing Panels	102.94	39.61
04 43 16 00-0044		**Granite Stair Treads** *(04 43 16 00-0040)*		
04 43 16 00-0045	SF	2" Thick Granite Stair Tread	65.50	9.49
04 43 16 00-0046		**Slate** *(04 43 16)*		
04 43 16 00-0047		**Slate Panels Or Sills** *(04 43 16 00-0046)*		
04 43 16 00-0048	SF	1" Thick Slate Panels	67.48	39.61
04 43 16 00-0049	SF	2" Thick Slate Panels	77.00	39.61
04 43 16 00-0050		**Slate Sills Or Stools** *(04 43 16 00-0046)*		
04 43 16 00-0051	LF	6" Wide, 1" Thick Slate Sills Or Stools With Sand Finish	31.74	17.97
04 43 16 00-0052	LF	10" Wide, 1" Thick Slate Sills Or Stools With Sand Finish	37.79	17.97
04 43 16 00-0053	LF	6" Wide, 2" Thick Slate Sills Or Stools With Sand Finish	36.94	17.97
04 43 16 00-0054	LF	10" Wide, 2" Thick Slate Sills Or Stools With Sand Finish	49.92	17.97
04 43 16 00-0055		**Slate Stair Treads** *(04 43 16 00-0046)*		
04 43 16 00-0056	SF	2" Thick Slate Stair Tread	44.55	9.49

04 50 Refractory Masonry *(04)*

04 51 Flue Liner Masonry *(04 50)*

Note: Includes mortar joints.

04 51 00 00-0001		**Rectangular Flue Liners** *(04 51)*		
04 51 00 00-0002	VLF	4" x 8" Clay Flue Liners	21.27	
04 51 00 00-0003	VLF	8" x 8" Clay Flue Liners	28.91	
04 51 00 00-0004	VLF	8" x 12" Clay Flue Liners	33.07	
04 51 00 00-0005	VLF	12" x 12" Clay Flue Liners	41.08	
04 51 00 00-0006	VLF	12" x 16" Clay Flue Liners	49.70	
04 51 00 00-0007	VLF	12" x 18" Clay Flue Liners	56.33	
04 51 00 00-0008	VLF	16" x 16" Clay Flue Liners	61.54	
04 51 00 00-0009	VLF	16" x 20" Clay Flue Liners	75.39	
04 51 00 00-0010	VLF	18" x 18" Clay Flue Liners	80.48	
04 51 00 00-0011	VLF	20" x 20" Clay Flue Liners	103.21	
04 51 00 00-0012	VLF	20" x 24" Clay Flue Liners	112.36	
04 51 00 00-0013	VLF	24" x 24" Clay Flue Liners	132.85	
04 51 00 00-0014		**Round Flue Liners** *(04 51)*		
04 51 00 00-0015	VLF	6" Diameter Clay Flue Liners	50.81	
04 51 00 00-0016	VLF	8" Diameter Clay Flue Liners	72.93	
04 51 00 00-0017	VLF	10" Diameter Clay Flue Liners	95.39	
04 51 00 00-0018	VLF	12" Diameter Clay Flue Liners	115.81	
04 51 00 00-0019	VLF	15" Diameter Clay Flue Liners	141.53	
04 51 00 00-0020	VLF	18" Diameter Clay Flue Liners	152.94	
04 51 00 00-0021	VLF	21" Diameter Clay Flue Liners	194.82	
04 51 00 00-0022	VLF	24" Diameter Clay Flue Liners	238.99	
04 51 00 00-0023	VLF	27" Diameter Clay Flue Liners	275.70	
04 51 00 00-0024	VLF	30" Diameter Clay Flue Liners	313.51	
04 51 00 00-0025	VLF	33" Diameter Clay Flue Liners	329.24	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 51 00 00-0026	VLF	36" Diameter Clay Flue Liners	334.49	

04 51 00 00-0027 Standard Chimney Block *(04 51)*

Note: Includes refractory mortar. Excludes flue liners.

04 51 00 00-0028	EA	14" x 14" x 8" Concrete Block Chimney Unit	36.59	
04 51 00 00-0029	EA	14" x 18" x 8" Concrete Block Chimney Unit	39.87	
04 51 00 00-0030	EA	16" x 16" x 8" Concrete Block Chimney Unit	40.14	
04 51 00 00-0031	EA	17" x 17" x 8" Concrete Block Chimney Unit	42.10	
04 51 00 00-0032	EA	16" x 20" x 8" Concrete Block Chimney Unit	44.27	
04 51 00 00-0033	EA	17" x 21" x 8" Concrete Block Chimney Unit	46.58	
04 51 00 00-0034	EA	21" x 21" x 8" Concrete Block Chimney Unit	52.55	

04 70 Manufactured Masonry *(04)*

04 72 Cast Stone Masonry *(04 70)*

04 72 00 00-0001 Solid Precast Concrete Lintels *(04 72)*

04 72 00 00-0002 Solid Precast Concrete Lintels *(04 72 00 00-0001)*

04 72 00 00-0003	LF	4" x 8", Solid Precast Concrete Lintel	19.52	
04 72 00 00-0004	LF	6" x 8", Solid Precast Concrete Lintel	24.60	
04 72 00 00-0005	LF	8" x 8", Solid Precast Concrete Lintel	30.19	

04 72 00 00-0006 U Shaped Precast Concrete Lintels *(04 72 00 00-0001)*

Note: Excludes concrete fill and field added reinforcing. See CSI section 04 05 16 26-0001 for concrete fill.

04 72 00 00-0007	LF	6" x 8", U Shaped Precast Concrete Lintel	20.92	
04 72 00 00-0008	LF	8" x 8", U Shaped Precast Concrete Lintel	25.20	
04 72 00 00-0009	LF	12" x 8", U Shaped Precast Concrete Lintel	40.61	

04 72 00 00-0010 Precast Concrete Coping *(04 72)*

Note: Includes caulk and ties. Excludes drilling into existing materials or other anchoring bolts. See CSI section 04 43 00 00-0000 for stone coping, 07 62 00 00-0000 for metal copings.

04 72 00 00-0011 Precast Concrete Coping *(04 72 00 00-0010)*

Note: Measured at highest point.

04 72 00 00-0012	SF	2" Thick Precast Concrete Coping	57.73	14.69
04 72 00 00-0013	SF	2-1/2" Thick Precast Concrete Coping	64.17	15.82
04 72 00 00-0014	SF	3" Thick Precast Concrete Coping	73.64	16.95
04 72 00 00-0015	SF	3-1/2" Thick Precast Concrete Coping	78.63	18.08
04 72 00 00-0016	SF	4" Thick Precast Concrete Coping	83.68	19.21
04 72 00 00-0017	SF	5" Thick Precast Concrete Coping	98.56	20.34
04 72 00 00-0018	SF	6" Thick Precast Concrete Coping	111.48	21.47

04 72 00 00-0019 Precast Concrete Window Sills *(04 72)*

Note: Includes caulk and ties.

04 72 00 00-0020 Precast Concrete Window Sills *(04 72 00 00-0019)*

04 72 00 00-0021	LF	6" Wide Precast Concrete Window Sill	41.82	11.30
04 72 00 00-0022	LF	10" Wide Precast Concrete Window Sill	60.59	11.30
04 72 00 00-0023	LF	14" Wide Precast Concrete Window Sill	70.63	11.30

END OF SECTION 04

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

05 Metals

05 05 Common Work Results for Metals *(05)*

05 05 19 Post-Installed Concrete Anchors *(05 05)*

See CSI section 03 15 19 00-0000 for cast-in concrete anchors.

05 05 19 00-0001 Concrete And Masonry Anchors *(05 05 19)*

05 05 19 00-0002 Expansion Anchors *(05 05 19 00-0001)*
Note: Includes drilling.

05 05 19 00-0003 Wedge Expansion Bolt Anchors *(05 05 19 00-0002)*

05 05 19 00-0004 Zinc Plated Steel, Wedge Anchor Expansion Bolt *(05 05 19 00-0003)*
Note: Includes nut and washer.

05 05 19 00-0005	EA	1/4" Diameter x 1-3/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	12.97	
		For >10 To 50, Deduct	*-0.59*	
		For >50 To 100, Deduct	*-1.20*	
		For >100, Deduct	*-2.41*	
05 05 19 00-0006	EA	1/4" Diameter x 2-1/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	13.16	
		For >10 To 50, Deduct	*-0.59*	
		For >50 To 100, Deduct	*-1.21*	
		For >100, Deduct	*-2.42*	
05 05 19 00-0007	EA	1/4" Diameter x 3-1/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	13.61	
		For >10 To 50, Deduct	*-0.60*	
		For >50 To 100, Deduct	*-1.24*	
		For >100, Deduct	*-2.49*	
05 05 19 00-0008	EA	3/8" Diameter x 2-1/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	16.03	
		For >10 To 50, Deduct	*-0.71*	
		For >50 To 100, Deduct	*-1.47*	
		For >100, Deduct	*-2.94*	
05 05 19 00-0009	EA	3/8" Diameter x 2-3/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	16.18	
		For >10 To 50, Deduct	*-0.71*	
		For >50 To 100, Deduct	*-1.47*	
		For >100, Deduct	*-2.95*	
05 05 19 00-0010	EA	3/8" Diameter x 3" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	16.23	
		For >10 To 50, Deduct	*-0.71*	
		For >50 To 100, Deduct	*-1.48*	
		For >100, Deduct	*-2.95*	
05 05 19 00-0011	EA	3/8" Diameter x 5" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	16.79	
		For >10 To 50, Deduct	*-0.71*	
		For >50 To 100, Deduct	*-1.49*	
		For >100, Deduct	*-2.98*	
05 05 19 00-0012	EA	1/2" Diameter x 2-3/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	23.47	
		For >10 To 50, Deduct	*-1.01*	
		For >50 To 100, Deduct	*-2.11*	
		For >100, Deduct	*-4.22*	
05 05 19 00-0013	EA	1/2" Diameter x 3-3/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	23.59	
		For >10 To 50, Deduct	*-1.01*	
		For >50 To 100, Deduct	*-2.11*	
		For >100, Deduct	*-4.22*	
05 05 19 00-0014	EA	1/2" Diameter x 4-1/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	23.82	
		For >10 To 50, Deduct	*-1.01*	
		For >50 To 100, Deduct	*-2.12*	
		For >100, Deduct	*-4.23*	
05 05 19 00-0015	EA	1/2" Diameter x 5-1/2" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	24.45	
		For >10 To 50, Deduct	*-1.01*	
		For >50 To 100, Deduct	*-2.13*	
		For >100, Deduct	*-4.26*	
05 05 19 00-0016	EA	1/2" Diameter x 7" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	25.32	
		For >10 To 50, Deduct	*-1.01*	
		For >50 To 100, Deduct	*-2.15*	
		For >100, Deduct	*-4.31*	
05 05 19 00-0017	EA	5/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	31.45	
		For >10 To 50, Deduct	*-1.25*	
		For >50 To 100, Deduct	*-2.66*	
		For >100, Deduct	*-5.33*	
05 05 19 00-0018	EA	5/8" Diameter x 4-1/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	31.64	
		For >10 To 50, Deduct	*-1.25*	
		For >50 To 100, Deduct	*-2.67*	
		For >100, Deduct	*-5.34*	
05 05 19 00-0019	EA	5/8" Diameter x 5" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	32.04	
		For >10 To 50, Deduct	*-1.25*	
		For >50 To 100, Deduct	*-2.68*	
		For >100, Deduct	*-5.36*	
05 05 19 00-0020	EA	5/8" Diameter x 6" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	32.81	
		For >10 To 50, Deduct	*-1.25*	
		For >50 To 100, Deduct	*-2.70*	
		For >100, Deduct	*-5.40*	
05 05 19 00-0021	EA	5/8" Diameter x 7" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	33.59	
		For >10 To 50, Deduct	*-1.25*	
		For >50 To 100, Deduct	*-2.72*	
		For >100, Deduct	*-5.43*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 19 00-0022	EA	5/8" Diameter x 8-1/2" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	39.70	
		For >10 To 50, Deduct	*-1.25*	
		For >50 To 100, Deduct	*-2.87*	
		For >100, Deduct	*-5.74*	
05 05 19 00-0023	EA	5/8" Diameter x 10" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	44.95	
		For >10 To 50, Deduct	*-1.25*	
		For >50 To 100, Deduct	*-3.00*	
		For >100, Deduct	*-6.00*	
05 05 19 00-0024	EA	3/4" Diameter x 4-1/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	38.28	
		For >10 To 50, Deduct	*-1.49*	
		For >50 To 100, Deduct	*-3.19*	
		For >100, Deduct	*-6.38*	
05 05 19 00-0025	EA	3/4" Diameter x 4-3/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	38.44	
		For >10 To 50, Deduct	*-1.49*	
		For >50 To 100, Deduct	*-3.20*	
		For >100, Deduct	*-6.39*	
05 05 19 00-0026	EA	3/4" Diameter x 5-1/2" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	39.38	
		For >10 To 50, Deduct	*-1.49*	
		For >50 To 100, Deduct	*-3.22*	
		For >100, Deduct	*-6.44*	
05 05 19 00-0027	EA	3/4" Diameter x 6-1/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	40.50	
		For >10 To 50, Deduct	*-1.49*	
		For >50 To 100, Deduct	*-3.25*	
		For >100, Deduct	*-6.49*	
05 05 19 00-0028	EA	3/4" Diameter x 7" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	41.79	
		For >10 To 50, Deduct	*-1.49*	
		For >50 To 100, Deduct	*-3.28*	
		For >100, Deduct	*-6.56*	
05 05 19 00-0029	EA	3/4" Diameter x 8-1/2" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	46.69	
		For >10 To 50, Deduct	*-1.49*	
		For >50 To 100, Deduct	*-3.40*	
		For >100, Deduct	*-6.80*	
05 05 19 00-0030	EA	3/4" Diameter x 10" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	53.21	
		For >10 To 50, Deduct	*-1.49*	
		For >50 To 100, Deduct	*-3.56*	
		For >100, Deduct	*-7.13*	
05 05 19 00-0031	EA	3/4" Diameter x 12" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	60.57	
		For >10 To 50, Deduct	*-1.49*	
		For >50 To 100, Deduct	*-3.75*	
		For >100, Deduct	*-7.50*	
05 05 19 00-0032	EA	7/8" Diameter x 6" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	56.58	
		For >10 To 50, Deduct	*-1.62*	
		For >50 To 100, Deduct	*-3.84*	
		For >100, Deduct	*-7.68*	
05 05 19 00-0033	EA	7/8" Diameter x 8" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	60.45	
		For >10 To 50, Deduct	*-1.62*	
		For >50 To 100, Deduct	*-3.94*	
		For >100, Deduct	*-7.87*	
05 05 19 00-0034	EA	7/8" Diameter x 10" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	65.58	
		For >10 To 50, Deduct	*-1.62*	
		For >50 To 100, Deduct	*-4.06*	
		For >100, Deduct	*-8.13*	
05 05 19 00-0035	EA	1" Diameter x 6" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	68.81	
		For >10 To 50, Deduct	*-2.09*	
		For >50 To 100, Deduct	*-4.86*	
		For >100, Deduct	*-9.72*	
05 05 19 00-0036	EA	1" Diameter x 9" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	76.10	
		For >10 To 50, Deduct	*-2.09*	
		For >50 To 100, Deduct	*-5.04*	
		For >100, Deduct	*-10.08*	
05 05 19 00-0037	EA	1" Diameter x 12" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	83.32	
		For >10 To 50, Deduct	*-2.09*	
		For >50 To 100, Deduct	*-5.22*	
		For >100, Deduct	*-10.44*	
05 05 19 00-0038	EA	1-1/4" Diameter x 9" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	90.28	
		For >10 To 50, Deduct	*-2.68*	
		For >50 To 100, Deduct	*-6.27*	
		For >100, Deduct	*-12.55*	
05 05 19 00-0039	EA	1-1/4" Diameter x 12" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	95.49	
		For >10 To 50, Deduct	*-2.68*	
		For >50 To 100, Deduct	*-6.40*	
		For >100, Deduct	*-12.81*	

05 05 19 00-0040 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt *(05 05 19 00-0003)*

Note: Includes nut and washer.

05 05 19 00-0041	EA	1/4" Diameter x 1-3/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	14.16	
		For >10 To 50, Deduct	*-0.59*	
		For >50 To 100, Deduct	*-1.23*	
		For >100, Deduct	*-2.47*	
05 05 19 00-0042	EA	1/4" Diameter x 2-1/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	14.73	
		For >10 To 50, Deduct	*-0.59*	
		For >50 To 100, Deduct	*-1.25*	
		For >100, Deduct	*-2.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 19 00-0043	EA	1/4" Diameter x 3-1/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	15.40	
		For >10 To 50, Deduct	*-0.60*	
		For >50 To 100, Deduct	*-1.29*	
		For >100, Deduct	*-2.58*	
05 05 19 00-0044	EA	3/8" Diameter x 2-1/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	18.37	
		For >10 To 50, Deduct	*-0.71*	
		For >50 To 100, Deduct	*-1.53*	
		For >100, Deduct	*-3.06*	
05 05 19 00-0045	EA	3/8" Diameter x 2-3/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	18.86	
		For >10 To 50, Deduct	*-0.71*	
		For >50 To 100, Deduct	*-1.54*	
		For >100, Deduct	*-3.08*	
05 05 19 00-0046	EA	3/8" Diameter x 3" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	19.20	
		For >10 To 50, Deduct	*-0.71*	
		For >50 To 100, Deduct	*-1.55*	
		For >100, Deduct	*-3.10*	
05 05 19 00-0047	EA	3/8" Diameter x 5" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	21.86	
		For >10 To 50, Deduct	*-0.71*	
		For >50 To 100, Deduct	*-1.62*	
		For >100, Deduct	*-3.23*	
05 05 19 00-0048	EA	1/2" Diameter x 2-3/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	28.87	
		For >10 To 50, Deduct	*-1.01*	
		For >50 To 100, Deduct	*-2.24*	
		For >100, Deduct	*-4.49*	
05 05 19 00-0049	EA	1/2" Diameter x 3-3/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	29.79	
		For >10 To 50, Deduct	*-1.01*	
		For >50 To 100, Deduct	*-2.27*	
		For >100, Deduct	*-4.53*	
05 05 19 00-0050	EA	1/2" Diameter x 4-1/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	30.32	
		For >10 To 50, Deduct	*-1.01*	
		For >50 To 100, Deduct	*-2.28*	
		For >100, Deduct	*-4.56*	
05 05 19 00-0051	EA	1/2" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	32.74	
		For >10 To 50, Deduct	*-1.01*	
		For >50 To 100, Deduct	*-2.34*	
		For >100, Deduct	*-4.68*	
05 05 19 00-0052	EA	1/2" Diameter x 7" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	36.38	
		For >10 To 50, Deduct	*-1.01*	
		For >50 To 100, Deduct	*-2.43*	
		For >100, Deduct	*-4.86*	
05 05 19 00-0053	EA	5/8" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	42.45	
		For >10 To 50, Deduct	*-1.25*	
		For >50 To 100, Deduct	*-2.94*	
		For >100, Deduct	*-5.88*	
05 05 19 00-0054	EA	5/8" Diameter x 5" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	44.82	
		For >10 To 50, Deduct	*-1.25*	
		For >50 To 100, Deduct	*-3.00*	
		For >100, Deduct	*-6.00*	
05 05 19 00-0055	EA	5/8" Diameter x 6" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	47.38	
		For >10 To 50, Deduct	*-1.25*	
		For >50 To 100, Deduct	*-3.06*	
		For >100, Deduct	*-6.12*	
05 05 19 00-0056	EA	5/8" Diameter x 7" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	50.77	
		For >10 To 50, Deduct	*-1.25*	
		For >50 To 100, Deduct	*-3.15*	
		For >100, Deduct	*-6.29*	
05 05 19 00-0057	EA	5/8" Diameter x 8-1/2" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	65.70	
		For >10 To 50, Deduct	*-1.25*	
		For >50 To 100, Deduct	*-3.52*	
		For >100, Deduct	*-7.04*	
05 05 19 00-0058	EA	3/4" Diameter x 4-1/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	50.71	
		For >10 To 50, Deduct	*-1.49*	
		For >50 To 100, Deduct	*-3.50*	
		For >100, Deduct	*-7.00*	
05 05 19 00-0059	EA	3/4" Diameter x 4-3/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	55.51	
		For >10 To 50, Deduct	*-1.49*	
		For >50 To 100, Deduct	*-3.62*	
		For >100, Deduct	*-7.24*	
05 05 19 00-0060	EA	3/4" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	59.62	
		For >10 To 50, Deduct	*-1.49*	
		For >50 To 100, Deduct	*-3.72*	
		For >100, Deduct	*-7.45*	
05 05 19 00-0061	EA	3/4" Diameter x 6-1/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	60.12	
		For >10 To 50, Deduct	*-1.49*	
		For >50 To 100, Deduct	*-3.74*	
		For >100, Deduct	*-7.47*	
05 05 19 00-0062	EA	3/4" Diameter x 7" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	63.97	
		For >10 To 50, Deduct	*-1.49*	
		For >50 To 100, Deduct	*-3.83*	
		For >100, Deduct	*-7.67*	
05 05 19 00-0063	EA	3/4" Diameter x 8-1/2" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	73.97	
		For >10 To 50, Deduct	*-1.49*	
		For >50 To 100, Deduct	*-4.08*	
		For >100, Deduct	*-8.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 19 00-0064	EA	3/4" Diameter x 10" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	88.08	
		For >10 To 50, Deduct	*-1.49*	
		For >50 To 100, Deduct	*-4.44*	
		For >100, Deduct	*-8.87*	
05 05 19 00-0065	EA	7/8" Diameter x 8" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	87.99	
		For >10 To 50, Deduct	*-1.62*	
		For >50 To 100, Deduct	*-4.62*	
		For >100, Deduct	*-9.25*	
05 05 19 00-0066	EA	1" Diameter x 6" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	129.14	
		For >10 To 50, Deduct	*-2.09*	
		For >50 To 100, Deduct	*-6.37*	
		For >100, Deduct	*-12.73*	
05 05 19 00-0067	EA	1" Diameter x 9" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	150.00	
		For >10 To 50, Deduct	*-2.09*	
		For >50 To 100, Deduct	*-6.89*	
		For >100, Deduct	*-13.77*	

05 05 19 00-0068 316 Stainless Steel, Wedge Anchor Expansion Bolt *(05 05 19 00-0003)*

Note: Includes nut and washer.

05 05 19 00-0069	EA	1/4" Diameter x 2-1/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt	14.65	
		For >10 To 50, Deduct	*-0.59*	
		For >50 To 100, Deduct	*-1.25*	
		For >100, Deduct	*-2.49*	
05 05 19 00-0070	EA	1/4" Diameter x 3-1/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt	15.61	
		For >10 To 50, Deduct	*-0.60*	
		For >50 To 100, Deduct	*-1.29*	
		For >100, Deduct	*-2.59*	
05 05 19 00-0071	EA	3/8" Diameter x 2-1/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt	19.95	
		For >10 To 50, Deduct	*-0.71*	
		For >50 To 100, Deduct	*-1.57*	
		For >100, Deduct	*-3.14*	
05 05 19 00-0072	EA	3/8" Diameter x 2-3/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt	20.79	
		For >10 To 50, Deduct	*-0.71*	
		For >50 To 100, Deduct	*-1.59*	
		For >100, Deduct	*-3.18*	
05 05 19 00-0073	EA	3/8" Diameter x 3" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt	21.00	
		For >10 To 50, Deduct	*-0.71*	
		For >50 To 100, Deduct	*-1.59*	
		For >100, Deduct	*-3.19*	
05 05 19 00-0074	EA	3/8" Diameter x 5" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt	25.00	
		For >10 To 50, Deduct	*-0.71*	
		For >50 To 100, Deduct	*-1.69*	
		For >100, Deduct	*-3.39*	
05 05 19 00-0075	EA	1/2" Diameter x 2-3/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt	32.70	
		For >10 To 50, Deduct	*-1.01*	
		For >50 To 100, Deduct	*-2.34*	
		For >100, Deduct	*-4.68*	
05 05 19 00-0076	EA	1/2" Diameter x 3-3/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt	35.03	
		For >10 To 50, Deduct	*-1.01*	
		For >50 To 100, Deduct	*-2.40*	
		For >100, Deduct	*-4.79*	
05 05 19 00-0077	EA	1/2" Diameter x 4-1/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt	39.25	
		For >10 To 50, Deduct	*-1.01*	
		For >50 To 100, Deduct	*-2.50*	
		For >100, Deduct	*-5.00*	
05 05 19 00-0078	EA	1/2" Diameter x 5-1/2" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt	40.30	
		For >10 To 50, Deduct	*-1.01*	
		For >50 To 100, Deduct	*-2.53*	
		For >100, Deduct	*-5.06*	
05 05 19 00-0079	EA	5/8" Diameter x 5" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt	55.38	
		For >10 To 50, Deduct	*-1.25*	
		For >50 To 100, Deduct	*-3.26*	
		For >100, Deduct	*-6.52*	
05 05 19 00-0080	EA	5/8" Diameter x 7" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt	56.65	
		For >10 To 50, Deduct	*-1.25*	
		For >50 To 100, Deduct	*-3.29*	
		For >100, Deduct	*-6.59*	
05 05 19 00-0081	EA	3/4" Diameter x 4-3/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt	68.80	
		For >10 To 50, Deduct	*-1.49*	
		For >50 To 100, Deduct	*-3.95*	
		For >100, Deduct	*-7.91*	
05 05 19 00-0082	EA	3/4" Diameter x 5-1/2" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt	74.07	
		For >10 To 50, Deduct	*-1.49*	
		For >50 To 100, Deduct	*-4.09*	
		For >100, Deduct	*-8.17*	

05 05 19 00-0083 Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt *(05 05 19 00-0003)*

Note: Includes nut and washer.

05 05 19 00-0084	EA	1/2" Diameter x 2-3/4" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt	26.07	
		For >10 To 50, Deduct	*-1.01*	
		For >50 To 100, Deduct	*-2.17*	
		For >100, Deduct	*-4.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 19 00-0085	EA	1/2" Diameter x 4-1/4" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt	27.59	
		For >10 To 50, Deduct	*-1.01*	
		For >50 To 100, Deduct	*-2.21*	
		For >100, Deduct	*-4.42*	
05 05 19 00-0086	EA	1/2" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt	29.12	
		For >10 To 50, Deduct	*-1.01*	
		For >50 To 100, Deduct	*-2.25*	
		For >100, Deduct	*-4.50*	
05 05 19 00-0087	EA	1/2" Diameter x 7" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt	29.88	
		For >10 To 50, Deduct	*-1.01*	
		For >50 To 100, Deduct	*-2.27*	
		For >100, Deduct	*-4.54*	
05 05 19 00-0088	EA	5/8" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt	36.01	
		For >10 To 50, Deduct	*-1.25*	
		For >50 To 100, Deduct	*-2.78*	
		For >100, Deduct	*-5.56*	
05 05 19 00-0089	EA	5/8" Diameter x 6" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt	34.17	
		For >10 To 50, Deduct	*-1.25*	
		For >50 To 100, Deduct	*-2.73*	
		For >100, Deduct	*-5.46*	
05 05 19 00-0090	EA	3/4" Diameter x 4-3/4" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt	46.87	
		For >10 To 50, Deduct	*-1.49*	
		For >50 To 100, Deduct	*-3.41*	
		For >100, Deduct	*-6.81*	
05 05 19 00-0091	EA	3/4" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt	48.55	
		For >10 To 50, Deduct	*-1.49*	
		For >50 To 100, Deduct	*-3.45*	
		For >100, Deduct	*-6.90*	
05 05 19 00-0092	EA	3/4" Diameter x 8-1/2" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt	56.79	
		For >10 To 50, Deduct	*-1.49*	
		For >50 To 100, Deduct	*-3.65*	
		For >100, Deduct	*-7.31*	
05 05 19 00-0093	EA	1" Diameter x 6" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt	59.40	
		For >10 To 50, Deduct	*-2.09*	
		For >50 To 100, Deduct	*-4.62*	
		For >100, Deduct	*-9.24*	
05 05 19 00-0094	EA	1" Diameter x 9" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt	64.15	
		For >10 To 50, Deduct	*-2.09*	
		For >50 To 100, Deduct	*-4.74*	
		For >100, Deduct	*-9.48*	
05 05 19 00-0095	EA	1" Diameter x 12" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt	68.85	
		For >10 To 50, Deduct	*-2.09*	
		For >50 To 100, Deduct	*-4.86*	
		For >100, Deduct	*-9.72*	

05 05 19 00-0096 Concrete Sleeve Anchors *(05 05 19 00-0002)*

05 05 19 00-0097 Zinc Plated Steel, Concrete Sleeve Anchors *(05 05 19 00-0096)*

Note: Includes nut and washer.

05 05 19 00-0098	EA	1/4" Diameter x 5/8" Length, Zinc Plated Steel, Concrete Sleeve Anchor	12.89	
		For >10 To 50, Deduct	*-0.60*	
		For >50 To 100, Deduct	*-1.22*	
		For >100, Deduct	*-2.44*	
05 05 19 00-0099	EA	1/4" Diameter x 1-3/8" Length, Zinc Plated Steel, Concrete Sleeve Anchor	13.17	
		For >10 To 50, Deduct	*-0.60*	
		For >50 To 100, Deduct	*-1.23*	
		For >100, Deduct	*-2.46*	
05 05 19 00-0100	EA	1/4" Diameter x 2-1/4" Length, Zinc Plated Steel, Concrete Sleeve Anchor	13.51	
		For >10 To 50, Deduct	*-0.60*	
		For >50 To 100, Deduct	*-1.24*	
		For >100, Deduct	*-2.47*	
05 05 19 00-0101	EA	5/16" Diameter x 1-1/2" Length, Zinc Plated Steel, Concrete Sleeve Anchor	13.62	
		For >10 To 50, Deduct	*-0.63*	
		For >50 To 100, Deduct	*-1.28*	
		For >100, Deduct	*-2.57*	
05 05 19 00-0102	EA	5/16" Diameter x 2-1/2" Length, Zinc Plated Steel, Concrete Sleeve Anchor	13.88	
		For >10 To 50, Deduct	*-0.63*	
		For >50 To 100, Deduct	*-1.29*	
		For >100, Deduct	*-2.58*	
05 05 19 00-0103	EA	3/8" Diameter x 1-7/8" Length, Zinc Plated Steel, Concrete Sleeve Anchor	15.45	
		For >10 To 50, Deduct	*-0.71*	
		For >50 To 100, Deduct	*-1.46*	
		For >100, Deduct	*-2.91*	
05 05 19 00-0104	EA	3/8" Diameter x 3" Length, Zinc Plated Steel, Concrete Sleeve Anchor	15.92	
		For >10 To 50, Deduct	*-0.71*	
		For >50 To 100, Deduct	*-1.47*	
		For >100, Deduct	*-2.94*	
05 05 19 00-0105	EA	3/8" Diameter x 4" Length, Zinc Plated Steel, Concrete Sleeve Anchor	16.37	
		For >10 To 50, Deduct	*-0.71*	
		For >50 To 100, Deduct	*-1.48*	
		For >100, Deduct	*-2.96*	
05 05 19 00-0106	EA	1/2" Diameter x 2-1/4" Length, Zinc Plated Steel, Concrete Sleeve Anchor	22.44	
		For >10 To 50, Deduct	*-1.01*	
		For >50 To 100, Deduct	*-2.08*	
		For >100, Deduct	*-4.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 19 00-0107	EA	1/2" Diameter x 3" Length, Zinc Plated Steel, Concrete Sleeve Anchor	23.03	
		For >10 To 50, Deduct	*-1.01*	
		For >50 To 100, Deduct	*-2.10*	
		For >100, Deduct	*-4.19*	
05 05 19 00-0108	EA	1/2" Diameter x 4" Length, Zinc Plated Steel, Concrete Sleeve Anchor	23.54	
		For >10 To 50, Deduct	*-1.01*	
		For >50 To 100, Deduct	*-2.11*	
		For >100, Deduct	*-4.22*	
05 05 19 00-0109	EA	1/2" Diameter x 6" Length, Zinc Plated Steel, Concrete Sleeve Anchor	24.15	
		For >10 To 50, Deduct	*-1.01*	
		For >50 To 100, Deduct	*-2.12*	
		For >100, Deduct	*-4.25*	
05 05 19 00-0110	EA	5/8" Diameter x 2-1/4" Length, Zinc Plated Steel, Concrete Sleeve Anchor	28.40	
		For >10 To 50, Deduct	*-1.25*	
		For >50 To 100, Deduct	*-2.59*	
		For >100, Deduct	*-5.17*	
05 05 19 00-0111	EA	5/8" Diameter x 3" Length, Zinc Plated Steel, Concrete Sleeve Anchor	29.29	
		For >10 To 50, Deduct	*-1.25*	
		For >50 To 100, Deduct	*-2.61*	
		For >100, Deduct	*-5.22*	
05 05 19 00-0112	EA	5/8" Diameter x 4-1/4" Length, Zinc Plated Steel, Concrete Sleeve Anchor	29.97	
		For >10 To 50, Deduct	*-1.25*	
		For >50 To 100, Deduct	*-2.63*	
		For >100, Deduct	*-5.25*	
05 05 19 00-0113	EA	5/8" Diameter x 6" Length, Zinc Plated Steel, Concrete Sleeve Anchor	31.89	
		For >10 To 50, Deduct	*-1.25*	
		For >50 To 100, Deduct	*-2.67*	
		For >100, Deduct	*-5.35*	
05 05 19 00-0114	EA	3/4" Diameter x 2-1/2" Length, Zinc Plated Steel, Concrete Sleeve Anchor	35.41	
		For >10 To 50, Deduct	*-1.49*	
		For >50 To 100, Deduct	*-3.12*	
		For >100, Deduct	*-6.24*	
05 05 19 00-0115	EA	3/4" Diameter x 4-1/4" Length, Zinc Plated Steel, Concrete Sleeve Anchor	37.07	
		For >10 To 50, Deduct	*-1.49*	
		For >50 To 100, Deduct	*-3.16*	
		For >100, Deduct	*-6.32*	
05 05 19 00-0116	EA	3/4" Diameter x 5-1/2" Length, Zinc Plated Steel, Concrete Sleeve Anchor	38.57	
		For >10 To 50, Deduct	*-1.49*	
		For >50 To 100, Deduct	*-3.20*	
		For >100, Deduct	*-6.40*	
05 05 19 00-0117	EA	3/4" Diameter x 6-1/4" Length, Zinc Plated Steel, Concrete Sleeve Anchor	40.96	
		For >10 To 50, Deduct	*-1.49*	
		For >50 To 100, Deduct	*-3.26*	
		For >100, Deduct	*-6.52*	

05 05 19 00-0118 304/18-8 Stainless Steel, Concrete Sleeve Anchors *(05 05 19 00-0096)*

Note: Includes nut and washer.

05 05 19 00-0119	EA	1/4" Diameter x 1-3/8" Length, 304/18-8 Stainless Steel, Concrete Sleeve Anchor	15.01	
		For >10 To 50, Deduct	*-0.60*	
		For >50 To 100, Deduct	*-1.27*	
		For >100, Deduct	*-2.55*	
05 05 19 00-0120	EA	3/8" Diameter x 1-7/8" Length, 304/18-8 Stainless Steel, Concrete Sleeve Anchor	19.92	
		For >10 To 50, Deduct	*-0.71*	
		For >50 To 100, Deduct	*-1.57*	
		For >100, Deduct	*-3.14*	
05 05 19 00-0121	EA	3/8" Diameter x 3" Length, 304/18-8 Stainless Steel, Concrete Sleeve Anchor	22.17	
		For >10 To 50, Deduct	*-0.71*	
		For >50 To 100, Deduct	*-1.62*	
		For >100, Deduct	*-3.25*	
05 05 19 00-0122	EA	1/2" Diameter x 2-1/4" Length, 304/18-8 Stainless Steel, Concrete Sleeve Anchor	29.87	
		For >10 To 50, Deduct	*-1.01*	
		For >50 To 100, Deduct	*-2.27*	
		For >100, Deduct	*-4.53*	
05 05 19 00-0123	EA	1/2" Diameter x 4" Length, 304/18-8 Stainless Steel, Concrete Sleeve Anchor	33.91	
		For >10 To 50, Deduct	*-1.01*	
		For >50 To 100, Deduct	*-2.37*	
		For >100, Deduct	*-4.73*	
05 05 19 00-0124	EA	5/8" Diameter x 4-1/4" Length, 304/18-8 Stainless Steel, Concrete Sleeve Anchor	46.99	
		For >10 To 50, Deduct	*-1.25*	
		For >50 To 100, Deduct	*-3.05*	
		For >100, Deduct	*-6.10*	

05 05 19 00-0125 Concrete Strike Anchors *(05 05 19 00-0002)*

Note: Includes nut and washer.

05 05 19 00-0126	EA	1/4" Diameter x 1-3/4" Length, Zinc Plated Steel, Concrete Strike Anchor	14.25	
		For >10 To 50, Deduct	*-0.60*	
		For >50 To 100, Deduct	*-1.25*	
		For >100, Deduct	*-2.51*	
05 05 19 00-0127	EA	1/4" Diameter x 2-3/8" Length, Zinc Plated Steel, Concrete Strike Anchor	14.72	
		For >10 To 50, Deduct	*-0.60*	
		For >50 To 100, Deduct	*-1.27*	
		For >100, Deduct	*-2.53*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 19 00-0128	EA	5/16" Diameter x 2-3/4" Length, Zinc Plated Steel, Concrete Strike Anchor	15.30	
		For >10 To 50, Deduct	*-0.63*	
		For >50 To 100, Deduct	*-1.33*	
		For >100, Deduct	*-2.65*	
05 05 19 00-0129	EA	5/16" Diameter x 4" Length, Zinc Plated Steel, Concrete Strike Anchor	17.24	
		For >10 To 50, Deduct	*-0.63*	
		For >50 To 100, Deduct	*-1.37*	
		For >100, Deduct	*-2.75*	
05 05 19 00-0130	EA	3/8" Diameter x 2-3/8" Length, Zinc Plated Steel, Concrete Strike Anchor	17.57	
		For >10 To 50, Deduct	*-0.71*	
		For >50 To 100, Deduct	*-1.51*	
		For >100, Deduct	*-3.02*	
05 05 19 00-0131	EA	3/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Concrete Strike Anchor	19.02	
		For >10 To 50, Deduct	*-0.71*	
		For >50 To 100, Deduct	*-1.55*	
		For >100, Deduct	*-3.09*	
05 05 19 00-0132	EA	3/8" Diameter x 5" Length, Zinc Plated Steel, Concrete Strike Anchor	20.14	
		For >10 To 50, Deduct	*-0.71*	
		For >50 To 100, Deduct	*-1.57*	
		For >100, Deduct	*-3.15*	
05 05 19 00-0133	EA	1/2" Diameter x 2-3/4" Length, Zinc Plated Steel, Concrete Strike Anchor	26.05	
		For >10 To 50, Deduct	*-1.01*	
		For >50 To 100, Deduct	*-2.17*	
		For >100, Deduct	*-4.34*	
05 05 19 00-0134	EA	1/2" Diameter x 3-1/2" Length, Zinc Plated Steel, Concrete Strike Anchor	26.92	
		For >10 To 50, Deduct	*-1.01*	
		For >50 To 100, Deduct	*-2.19*	
		For >100, Deduct	*-4.39*	
05 05 19 00-0135	EA	1/2" Diameter x 4-3/4" Length, Zinc Plated Steel, Concrete Strike Anchor	29.47	
		For >10 To 50, Deduct	*-1.01*	
		For >50 To 100, Deduct	*-2.26*	
		For >100, Deduct	*-4.51*	
05 05 19 00-0136	EA	1/2" Diameter x 6" Length, Zinc Plated Steel, Concrete Strike Anchor	32.78	
		For >10 To 50, Deduct	*-1.01*	
		For >50 To 100, Deduct	*-2.34*	
		For >100, Deduct	*-4.68*	
05 05 19 00-0137	EA	5/8" Diameter x 4" Length, Zinc Plated Steel, Concrete Strike Anchor	36.06	
		For >10 To 50, Deduct	*-1.25*	
		For >50 To 100, Deduct	*-2.78*	
		For >100, Deduct	*-5.56*	
05 05 19 00-0138	EA	5/8" Diameter x 4-3/4" Length, Zinc Plated Steel, Concrete Strike Anchor	39.11	
		For >10 To 50, Deduct	*-1.25*	
		For >50 To 100, Deduct	*-2.85*	
		For >100, Deduct	*-5.71*	
05 05 19 00-0139	EA	5/8" Diameter x 6" Length, Zinc Plated Steel, Concrete Strike Anchor	41.80	
		For >10 To 50, Deduct	*-1.25*	
		For >50 To 100, Deduct	*-2.92*	
		For >100, Deduct	*-5.84*	
05 05 19 00-0140	EA	3/4" Diameter x 5" Length, Zinc Plated Steel, Concrete Strike Anchor	48.13	
		For >10 To 50, Deduct	*-1.49*	
		For >50 To 100, Deduct	*-3.44*	
		For >100, Deduct	*-6.87*	
05 05 19 00-0141	EA	3/4" Diameter x 6" Length, Zinc Plated Steel, Concrete Strike Anchor	50.99	
		For >10 To 50, Deduct	*-1.49*	
		For >50 To 100, Deduct	*-3.51*	
		For >100, Deduct	*-7.02*	

05 05 19 00-0142 Multi-Set Drop-In Anchors *(05 05 19 00-0002)*

05 05 19 00-0143 Zinc Plated Steel, Multi-Set Drop-In Anchors *(05 05 19 00-0142)*

Note: Excludes bolt, nut and washer.

05 05 19 00-0144	EA	1/4" Bolt Diameter, Zinc Plated Steel, Multi-Set Drop-In Anchor	17.90	
		For >10 To 50, Deduct	*-0.83*	
		For >50 To 100, Deduct	*-1.70*	
		For >100, Deduct	*-3.40*	
05 05 19 00-0145	EA	3/8" Bolt Diameter, Zinc Plated Steel, Multi-Set Drop-In Anchor	21.93	
		For >10 To 50, Deduct	*-1.02*	
		For >50 To 100, Deduct	*-2.07*	
		For >100, Deduct	*-4.15*	
05 05 19 00-0146	EA	1/2" Bolt Diameter, Zinc Plated Steel, Multi-Set Drop-In Anchor	27.38	
		For >10 To 50, Deduct	*-1.20*	
		For >50 To 100, Deduct	*-2.48*	
		For >100, Deduct	*-4.97*	
05 05 19 00-0147	EA	5/8" Bolt Diameter, Zinc Plated Steel, Multi-Set Drop-In Anchor	31.71	
		For >10 To 50, Deduct	*-1.32*	
		For >50 To 100, Deduct	*-2.77*	
		For >100, Deduct	*-5.54*	
05 05 19 00-0148	EA	3/4" Bolt Diameter, Zinc Plated Steel, Multi-Set Drop-In Anchor	39.18	
		For >10 To 50, Deduct	*-1.50*	
		For >50 To 100, Deduct	*-3.23*	
		For >100, Deduct	*-6.45*	

05 05 19 00-0149 304/18-8 Stainless Steel, Multi-Set Drop-In Anchors *(05 05 19 00-0142)*

Note: Excludes bolt, nut and washer.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 19 00-0150	EA	1/4" Bolt Diameter, 304/18-8 Stainless Steel, Multi-Set Drop-In Anchor	22.36	
		For >10 To 50, Deduct	*-0.83*	
		For >50 To 100, Deduct	*-1.81*	
		For >100, Deduct	*-3.62*	
05 05 19 00-0151	EA	3/8" Bolt Diameter, 304/18-8 Stainless Steel, Multi-Set Drop-In Anchor	30.52	
		For >10 To 50, Deduct	*-1.02*	
		For >50 To 100, Deduct	*-2.29*	
		For >100, Deduct	*-4.58*	
05 05 19 00-0152	EA	1/2" Bolt Diameter, 304/18-8 Stainless Steel, Multi-Set Drop-In Anchor	38.43	
		For >10 To 50, Deduct	*-1.20*	
		For >50 To 100, Deduct	*-2.76*	
		For >100, Deduct	*-5.52*	
05 05 19 00-0153	EA	5/8" Bolt Diameter, 304/18-8 Stainless Steel, Multi-Set Drop-In Anchor	49.53	
		For >10 To 50, Deduct	*-1.32*	
		For >50 To 100, Deduct	*-3.21*	
		For >100, Deduct	*-6.43*	
05 05 19 00-0154	EA	3/4" Bolt Diameter, 304/18-8 Stainless Steel, Multi-Set Drop-In Anchor	69.82	
		For >10 To 50, Deduct	*-1.50*	
		For >50 To 100, Deduct	*-3.99*	
		For >100, Deduct	*-7.99*	

05 05 19 00-0155 Single Bolt Expansion Anchors *(05 05 19 00-0002)*

Note: Excludes bolt, nut and washer.

05 05 19 00-0156	EA	1/4" Bolt Diameter, Zinc Plated Steel, Single Bolt Expansion Anchor	13.30	
		For >10 To 50, Deduct	*-0.60*	
		For >50 To 100, Deduct	*-1.23*	
		For >100, Deduct	*-2.46*	
05 05 19 00-0157	EA	5/16" Bolt Diameter, Zinc Plated Steel, Single Bolt Expansion Anchor	14.39	
		For >10 To 50, Deduct	*-0.63*	
		For >50 To 100, Deduct	*-1.30*	
		For >100, Deduct	*-2.61*	
05 05 19 00-0158	EA	3/8" Bolt Diameter, Zinc Plated Steel, Single Bolt Expansion Anchor	16.27	
		For >10 To 50, Deduct	*-0.71*	
		For >50 To 100, Deduct	*-1.48*	
		For >100, Deduct	*-2.95*	
05 05 19 00-0159	EA	1/2" Bolt Diameter, Zinc Plated Steel, Single Bolt Expansion Anchor	24.15	
		For >10 To 50, Deduct	*-1.01*	
		For >50 To 100, Deduct	*-2.12*	
		For >100, Deduct	*-4.25*	
05 05 19 00-0160	EA	5/8" Bolt Diameter, Zinc Plated Steel, Single Bolt Expansion Anchor	35.69	
		For >10 To 50, Deduct	*-1.25*	
		For >50 To 100, Deduct	*-2.77*	
		For >100, Deduct	*-5.54*	
05 05 19 00-0161	EA	3/4" Bolt Diameter, Zinc Plated Steel, Single Bolt Expansion Anchor	43.35	
		For >10 To 50, Deduct	*-1.49*	
		For >50 To 100, Deduct	*-3.32*	
		For >100, Deduct	*-6.63*	

05 05 19 00-0162 Concrete Lag Shield Anchors *(05 05 19 00-0002)*

Note: Excludes lag bolt and washer.

05 05 19 00-0163	EA	1/4" Bolt Diameter, Zinc Plated Steel, Concrete Lag Shield Anchor	13.01	
		For >10 To 50, Deduct	*-0.60*	
		For >50 To 100, Deduct	*-1.22*	
		For >100, Deduct	*-2.45*	
05 05 19 00-0164	EA	5/16" Bolt Diameter, Zinc Plated Steel, Concrete Lag Shield Anchor	15.49	
		For >10 To 50, Deduct	*-0.71*	
		For >50 To 100, Deduct	*-1.46*	
		For >100, Deduct	*-2.91*	
05 05 19 00-0165	EA	3/8" Bolt Diameter, Zinc Plated Steel, Concrete Lag Shield Anchor	16.32	
		For >10 To 50, Deduct	*-0.71*	
		For >50 To 100, Deduct	*-1.48*	
		For >100, Deduct	*-2.96*	
05 05 19 00-0166	EA	1/2" Bolt Diameter, Zinc Plated Steel, Concrete Lag Shield Anchor	22.96	
		For >10 To 50, Deduct	*-1.01*	
		For >50 To 100, Deduct	*-2.09*	
		For >100, Deduct	*-4.19*	
05 05 19 00-0167	EA	5/8" Bolt Diameter, Zinc Plated Steel, Concrete Lag Shield Anchor	33.86	
		For >10 To 50, Deduct	*-1.25*	
		For >50 To 100, Deduct	*-2.72*	
		For >100, Deduct	*-5.45*	
05 05 19 00-0168	EA	3/4" Bolt Diameter, Zinc Plated Steel, Concrete Lag Shield Anchor	36.77	
		For >10 To 50, Deduct	*-1.49*	
		For >50 To 100, Deduct	*-3.15*	
		For >100, Deduct	*-6.31*	

05 05 19 00-0169 Chemical And Adhesive Anchors *(05 05 19 00-0001)*

05 05 19 00-0170 Chemically Adhered Anchor Rods *(05 05 19 00-0169)*

Note: Includes drilling hole, injected adhesive or pre-placed adhesive cartridge, nut and washer. Zinc coated carbon steel.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 19 00-0171	EA	1/4" x 1-9/16" Long Chemically Adhered Anchor Rod	18.58	
		For >10 To 50, Deduct	*-0.66*	
		For >50 To 100, Deduct	*-1.45*	
		For >100, Deduct	*-2.91*	
05 05 19 00-0172	EA	5/16" x 2-3/8" Long Chemically Adhered Anchor Rod	22.25	
		For >10 To 50, Deduct	*-0.72*	
		For >50 To 100, Deduct	*-1.63*	
		For >100, Deduct	*-3.27*	
05 05 19 00-0173	EA	3/8" x 2-3/4" Long Chemically Adhered Anchor Rod	27.53	
		For >10 To 50, Deduct	*-0.90*	
		For >50 To 100, Deduct	*-2.04*	
		For >100, Deduct	*-4.07*	
05 05 19 00-0174	EA	1/2" x 3-11/16" Long Chemically Adhered Anchor Rod	32.87	
		For >10 To 50, Deduct	*-1.01*	
		For >50 To 100, Deduct	*-2.34*	
		For >100, Deduct	*-4.68*	
05 05 19 00-0175	EA	1/2" x 5-1/2" Long Chemically Adhered Anchor Rod	35.74	
		For >10 To 50, Deduct	*-1.01*	
		For >50 To 100, Deduct	*-2.41*	
		For >100, Deduct	*-4.83*	
05 05 19 00-0176	EA	5/8" x 7" Long Chemically Adhered Anchor Rod	44.25	
		For >10 To 50, Deduct	*-1.25*	
		For >50 To 100, Deduct	*-2.98*	
		For >100, Deduct	*-5.97*	
05 05 19 00-0177	EA	3/4" x 9-1/2" Long Chemically Adhered Anchor Rod	59.56	
		For >10 To 50, Deduct	*-1.49*	
		For >50 To 100, Deduct	*-3.72*	
		For >100, Deduct	*-7.45*	
05 05 19 00-0178	EA	7/8" x 10" Long Chemically Adhered Anchor Rod	72.94	
		For >10 To 50, Deduct	*-1.61*	
		For >50 To 100, Deduct	*-4.24*	
		For >100, Deduct	*-8.48*	
05 05 19 00-0179	EA	1" x 11-3/4" Long Chemically Adhered Anchor Rod	101.38	
		For >10 To 50, Deduct	*-2.09*	
		For >50 To 100, Deduct	*-5.67*	
		For >100, Deduct	*-11.34*	
05 05 19 00-0180	EA	1-1/4" x 14" Long Chemically Adhered Anchor Rod	151.13	
		For >10 To 50, Deduct	*-2.64*	
		For >50 To 100, Deduct	*-7.73*	
		For >100, Deduct	*-15.47*	

05 05 19 00-0181 Chemical Adhesives For Bolts, Dowels Or Threaded Rod *(05 05 19 00-0169)*

Note: Injected or drop in cartridge. Sizes listed are for the diameter of the bolt, dowel or rod to be anchored. Includes drilling. Drill a hole 1/16" to 1/4" larger that the diameter of the thread and a depth a minimum of 4-1/2 times the diameter of the bolt. Excludes bolt, dowel or rod.

05 05 19 00-0182	EA	5/16" Chemical Adhesive For Bolt, Dowel Or Threaded Rod	15.22	
		For >10 To 50, Deduct	*-0.72*	
		For >50 To 100, Deduct	*-1.46*	
		For >100, Deduct	*-2.92*	
05 05 19 00-0183	EA	3/8" Chemical Adhesive For Bolt, Dowel Or Threaded Rod	17.89	
		For >10 To 50, Deduct	*-0.84*	
		For >50 To 100, Deduct	*-1.71*	
		For >100, Deduct	*-3.41*	
05 05 19 00-0184	EA	1/2" Chemical Adhesive For Bolt, Dowel Or Threaded Rod	21.83	
		For >10 To 50, Deduct	*-1.01*	
		For >50 To 100, Deduct	*-2.07*	
		For >100, Deduct	*-4.13*	
05 05 19 00-0185	EA	5/8" Chemical Adhesive For Bolt, Dowel Or Threaded Rod	25.52	
		For >10 To 50, Deduct	*-1.09*	
		For >50 To 100, Deduct	*-2.27*	
		For >100, Deduct	*-4.53*	
05 05 19 00-0186	EA	3/4" Chemical Adhesive For Bolt, Dowel Or Threaded Rod	33.28	
		For >10 To 50, Deduct	*-1.33*	
		For >50 To 100, Deduct	*-2.83*	
		For >100, Deduct	*-5.65*	
05 05 19 00-0187	EA	7/8" Chemical Adhesive For Bolt, Dowel Or Threaded Rod	37.43	
		For >10 To 50, Deduct	*-1.43*	
		For >50 To 100, Deduct	*-3.07*	
		For >100, Deduct	*-6.15*	
05 05 19 00-0188	EA	1" Chemical Adhesive For Bolt, Dowel Or Threaded Rod	47.77	
		For >10 To 50, Deduct	*-1.72*	
		For >50 To 100, Deduct	*-3.77*	
		For >100, Deduct	*-7.55*	
05 05 19 00-0189	EA	1-1/8" Chemical Adhesive For Bolt, Dowel Or Threaded Rod	53.72	
		For >10 To 50, Deduct	*-1.86*	
		For >50 To 100, Deduct	*-4.14*	
		For >100, Deduct	*-8.28*	
05 05 19 00-0190	EA	1-1/4" Chemical Adhesive For Bolt, Dowel Or Threaded Rod	63.58	
		For >10 To 50, Deduct	*-2.11*	
		For >50 To 100, Deduct	*-4.75*	
		For >100, Deduct	*-9.51*	
05 05 19 00-0191	EA	1-3/8" Chemical Adhesive For Bolt, Dowel Or Threaded Rod	72.76	
		For >10 To 50, Deduct	*-2.30*	
		For >50 To 100, Deduct	*-5.27*	
		For >100, Deduct	*-10.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 19 00-0192	EA	1-1/2" Chemical Adhesive For Bolt, Dowel Or Threaded Rod	85.75	
		For >10 To 50, Deduct	*-2.51*	
		For >50 To 100, Deduct	*-5.90*	
		For >100, Deduct	*-11.80*	
05 05 19 00-0193	EA	1-3/4" Chemical Adhesive For Bolt, Dowel Or Threaded Rod	112.33	
		For >10 To 50, Deduct	*-2.94*	
		For >50 To 100, Deduct	*-7.22*	
		For >100, Deduct	*-14.44*	
05 05 19 00-0194	EA	2" Chemical Adhesive For Bolt, Dowel Or Threaded Rod	178.02	
		For >10 To 50, Deduct	*-3.55*	
		For >50 To 100, Deduct	*-9.78*	
		For >100, Deduct	*-19.56*	

05 05 19 00-0195 Grout Concrete Anchor Bolt Or Threaded Rod *(05 05 19 00-0169)*

05 05 19 00-0196	EA	Grout Concrete Anchor Bolt or Threaded Rod	6.03	
		For >10 To 50, Deduct	*-0.29*	
		For >50 To 100, Deduct	*-0.59*	
		For >100, Deduct	*-1.18*	

05 05 19 00-0197 Other Concrete And Masonry Anchors *(05 05 19 00-0001)*

05 05 19 00-0198 Tapcon Masonry Screws *(05 05 19 00-0197)*

Note: Includes drilling. Countersunk or hex head.

05 05 19 00-0199	EA	3/16" x 1-1/4" Tapcon Masonry Screw	12.51	
		For >10 To 50, Deduct	*-0.60*	
		For >50 To 100, Deduct	*-1.21*	
		For >100, Deduct	*-2.42*	
05 05 19 00-0200	EA	3/16" x 2-1/4" Tapcon Masonry Screw	12.66	
		For >10 To 50, Deduct	*-0.60*	
		For >50 To 100, Deduct	*-1.22*	
		For >100, Deduct	*-2.43*	
05 05 19 00-0201	EA	3/16" x 3-1/4" Tapcon Masonry Screw	12.96	
		For >10 To 50, Deduct	*-0.60*	
		For >50 To 100, Deduct	*-1.22*	
		For >100, Deduct	*-2.45*	
05 05 19 00-0202	EA	1/4" x 1-1/4" Tapcon Masonry Screw	12.68	
		For >10 To 50, Deduct	*-0.60*	
		For >50 To 100, Deduct	*-1.22*	
		For >100, Deduct	*-2.43*	
05 05 19 00-0203	EA	1/4" x 2-1/4" Tapcon Masonry Screw	12.85	
		For >10 To 50, Deduct	*-0.60*	
		For >50 To 100, Deduct	*-1.22*	
		For >100, Deduct	*-2.44*	
05 05 19 00-0204	EA	1/4" x 3-1/4" Tapcon Masonry Screw	13.22	
		For >10 To 50, Deduct	*-0.60*	
		For >50 To 100, Deduct	*-1.23*	
		For >100, Deduct	*-2.46*	

05 05 19 00-0205 Large Diameter, Self-Threading Concrete Fasteners *(05 05 19 00-0197)*

Note: Includes drilling. Zinc plated.

05 05 19 00-0206	EA	3/8" x 1-3/4", Large Diameter, Self-Threading Concrete Fastener	13.32	
		For >10 To 50, Deduct	*-0.60*	
		For >50 To 100, Deduct	*-1.23*	
		For >100, Deduct	*-2.46*	
05 05 19 00-0207	EA	3/8" x 2-1/2", Large Diameter, Self-Threading Concrete Fastener	13.81	
		For >10 To 50, Deduct	*-0.60*	
		For >50 To 100, Deduct	*-1.24*	
		For >100, Deduct	*-2.49*	
05 05 19 00-0208	EA	3/8" x 3", Large Diameter, Self-Threading Concrete Fastener	13.94	
		For >10 To 50, Deduct	*-0.60*	
		For >50 To 100, Deduct	*-1.25*	
		For >100, Deduct	*-2.49*	
05 05 19 00-0209	EA	3/8" x 4", Large Diameter, Self-Threading Concrete Fastener	14.17	
		For >10 To 50, Deduct	*-0.60*	
		For >50 To 100, Deduct	*-1.25*	
		For >100, Deduct	*-2.51*	
05 05 19 00-0210	EA	3/8" x 5", Large Diameter, Self-Threading Concrete Fastener	14.37	
		For >10 To 50, Deduct	*-0.60*	
		For >50 To 100, Deduct	*-1.26*	
		For >100, Deduct	*-2.52*	
05 05 19 00-0211	EA	1/2" x 3", Large Diameter, Self-Threading Concrete Fastener	14.79	
		For >10 To 50, Deduct	*-0.60*	
		For >50 To 100, Deduct	*-1.27*	
		For >100, Deduct	*-2.54*	
05 05 19 00-0212	EA	1/2" x 4", Large Diameter, Self-Threading Concrete Fastener	15.31	
		For >10 To 50, Deduct	*-0.60*	
		For >50 To 100, Deduct	*-1.28*	
		For >100, Deduct	*-2.56*	
05 05 19 00-0213	EA	1/2" x 5", Large Diameter, Self-Threading Concrete Fastener	15.79	
		For >10 To 50, Deduct	*-0.60*	
		For >50 To 100, Deduct	*-1.29*	
		For >100, Deduct	*-2.59*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 19 00-0214	EA	1/2" x 6", Large Diameter, Self-Threading Concrete Fastener	17.13	
		For >10 To 50, Deduct	*-0.60*	
		For >50 To 100, Deduct	*-1.33*	
		For >100, Deduct	*-2.65*	
05 05 19 00-0215	EA	5/8" x 3", Large Diameter, Self-Threading Concrete Fastener	17.29	
		For >10 To 50, Deduct	*-0.60*	
		For >50 To 100, Deduct	*-1.33*	
		For >100, Deduct	*-2.66*	
05 05 19 00-0216	EA	5/8" x 4", Large Diameter, Self-Threading Concrete Fastener	18.10	
		For >10 To 50, Deduct	*-0.60*	
		For >50 To 100, Deduct	*-1.35*	
		For >100, Deduct	*-2.70*	
05 05 19 00-0217	EA	5/8" x 5", Large Diameter, Self-Threading Concrete Fastener	18.94	
		For >10 To 50, Deduct	*-0.60*	
		For >50 To 100, Deduct	*-1.37*	
		For >100, Deduct	*-2.74*	
05 05 19 00-0218	EA	5/8" x 6", Large Diameter, Self-Threading Concrete Fastener	19.48	
		For >10 To 50, Deduct	*-0.60*	
		For >50 To 100, Deduct	*-1.39*	
		For >100, Deduct	*-2.77*	
05 05 19 00-0219	EA	3/4" x 4-1/2", Large Diameter, Self-Threading Concrete Fastener	19.24	
		For >10 To 50, Deduct	*-0.60*	
		For >50 To 100, Deduct	*-1.38*	
		For >100, Deduct	*-2.76*	
05 05 19 00-0220	EA	3/4" x 5-1/2", Large Diameter, Self-Threading Concrete Fastener	20.02	
		For >10 To 50, Deduct	*-0.60*	
		For >50 To 100, Deduct	*-1.40*	
		For >100, Deduct	*-2.80*	
05 05 19 00-0221	EA	3/4" x 6-1/4", Large Diameter, Self-Threading Concrete Fastener	21.83	
		For >10 To 50, Deduct	*-0.60*	
		For >50 To 100, Deduct	*-1.44*	
		For >100, Deduct	*-2.89*	

05 05 19 00-0222 Pin Bolt Drives *(05 05 19 00-0197)*

Note: Includes drilling. Zinc plated.

05 05 19 00-0223	EA	1/4" x 1" Pin Bolt Drive	8.01	
		For >10 To 50, Deduct	*-0.36*	
		For >50 To 100, Deduct	*-0.74*	
		For >100, Deduct	*-1.48*	
05 05 19 00-0224	EA	1/4" x 1-1/4" Pin Bolt Drive	8.01	
		For >10 To 50, Deduct	*-0.36*	
		For >50 To 100, Deduct	*-0.74*	
		For >100, Deduct	*-1.48*	
05 05 19 00-0225	EA	1/4" x 1-1/2" Pin Bolt Drive	8.12	
		For >10 To 50, Deduct	*-0.36*	
		For >50 To 100, Deduct	*-0.74*	
		For >100, Deduct	*-1.48*	
05 05 19 00-0226	EA	1/4" x 2" Pin Bolt Drive	8.15	
		For >10 To 50, Deduct	*-0.36*	
		For >50 To 100, Deduct	*-0.74*	
		For >100, Deduct	*-1.49*	

05 05 19 00-0227 Powder Actuated, Shot-In Place Anchors *(05 05 19 00-0197)*

05 05 19 00-0228	EA	0.15" Diameter x 1/2" Length, Stud Powder Actuated Anchor	2.13	
		For >10 To 50, Deduct	*-0.08*	
		For >50 To 100, Deduct	*-0.17*	
		For >100, Deduct	*-0.35*	
05 05 19 00-0229	EA	0.15" Diameter x 3/4" Length, Stud Powder Actuated Anchor	2.26	
		For >10 To 50, Deduct	*-0.08*	
		For >50 To 100, Deduct	*-0.18*	
		For >100, Deduct	*-0.36*	
05 05 19 00-0230	EA	0.15"/0.18" Diameter x 1" Length, Stud Powder Actuated Anchor	2.46	
		For >10 To 50, Deduct	*-0.09*	
		For >50 To 100, Deduct	*-0.20*	
		For >100, Deduct	*-0.39*	
05 05 19 00-0231	EA	0.15"/0.18" Diameter x 1-1/4" Length, Stud Powder Actuated Anchor	2.79	
		For >10 To 50, Deduct	*-0.10*	
		For >50 To 100, Deduct	*-0.21*	
		For >100, Deduct	*-0.43*	
05 05 19 00-0232	EA	0.15"/0.18" Diameter x 1-7/8" Length, Stud Powder Actuated Anchor	3.01	
		For >10 To 50, Deduct	*-0.10*	
		For >50 To 100, Deduct	*-0.22*	
		For >100, Deduct	*-0.44*	

05 05 19 00-0233 Powder Actuated, Shot-In Place Anchors With Exposed Thread *(05 05 19 00-0197)*

05 05 19 00-0234	EA	0.145" Diameter x 1" Long Shank, 3/4" Thread Length, 1/4" - 20 Treaded Stud Powder Actuated Anchor	2.68	
		For >10 To 50, Deduct	*-0.08*	
		For >50 To 100, Deduct	*-0.19*	
		For >100, Deduct	*-0.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 19 00-0235	EA	0.205" Diameter x 1-1/6" Long Shank, 1" Thread Length, 3/8" - 16 Treaded Stud Powder Actuated Anchor	3.81	
		For >10 To 50, Deduct	*-0.10*	
		For >50 To 100, Deduct	*-0.25*	
		For >100, Deduct	*-0.50*	

05 05 21 Fastening Methods for Metal *(05 05)*

05 05 21 00-0001 Welding *(05 05 21)*

05 05 21 00-0002 Minimum Charge For Welding *(05 05 21 00-0001)*

05 05 21 00-0003	EA	Welding Minimum Charge Note: For projects where the total welding charge is less than the minimum charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	584.43

05 05 21 00-0004 Spot Welding *(05 05 21 00-0001)*

See CSI section 05 05 21 00-0007 for a series of welds.

05 05 21 00-0005	EA	Up To 15 Spot Weldings, Welds Up To 1" Length Each	14.90
		For Aluminum Welding, Add	*2.34*
		For Stainless Steel Welding, Add	*3.85*
05 05 21 00-0006	EA	>15 Spot Weldings, Welds Up To 1" Length Each	11.63
		For Aluminum Welding, Add	*1.85*
		For Stainless Steel Welding, Add	*3.04*

05 05 21 00-0007 Field Welding (Seam And Stitch Welding) *(05 05 21 00-0001)*

05 05 21 00-0008 Vertical Fillet Welds *(05 05 21 00-0007)*

Note: For existing steel and moment connections. Includes tack welds for proper alignment until the final welds are made.

05 05 21 00-0009	LF	1/8" Vertical Fillet Weld	9.49
		For Aluminum Welding, Add	*1.92*
		For Stainless Steel Welding, Add	*3.00*
		For Up To 25, Add	*3.11*
		For >25 To 50, Add	*2.21*
05 05 21 00-0010	LF	3/16" Vertical Fillet Weld	18.33
		For Aluminum Welding, Add	*3.36*
		For Stainless Steel Welding, Add	*5.35*
		For Up To 25, Add	*6.16*
		For >25 To 50, Add	*4.38*
05 05 21 00-0011	LF	1/4" Vertical Fillet Weld	27.53
		For Aluminum Welding, Add	*5.07*
		For Stainless Steel Welding, Add	*8.05*
		For Up To 25, Add	*9.25*
		For >25 To 50, Add	*6.57*
05 05 21 00-0012	LF	5/16" Vertical Fillet Weld	36.33
		For Aluminum Welding, Add	*6.71*
		For Stainless Steel Welding, Add	*10.66*
		For Up To 25, Add	*12.19*
		For >25 To 50, Add	*8.66*
05 05 21 00-0013	LF	3/8" Vertical Fillet Weld	45.88
		For Aluminum Welding, Add	*8.44*
		For Stainless Steel Welding, Add	*13.41*
		For Up To 25, Add	*15.41*
		For >25 To 50, Add	*10.95*
05 05 21 00-0014	LF	7/16" Vertical Fillet Weld	53.31
		For Aluminum Welding, Add	*9.23*
		For Stainless Steel Welding, Add	*14.87*
		For Up To 25, Add	*18.15*
		For >25 To 50, Add	*12.92*
05 05 21 00-0015	LF	1/2" Vertical Fillet Weld	62.72
		For Aluminum Welding, Add	*11.57*
		For Stainless Steel Welding, Add	*18.39*
		For Up To 25, Add	*21.05*
		For >25 To 50, Add	*14.96*
05 05 21 00-0016	LF	9/16" Vertical Fillet Weld	73.31
		For Aluminum Welding, Add	*12.93*
		For Stainless Steel Welding, Add	*20.75*
		For Up To 25, Add	*24.85*
		For >25 To 50, Add	*17.68*
05 05 21 00-0017	LF	5/8" Vertical Fillet Weld	84.99
		For Aluminum Welding, Add	*15.05*
		For Stainless Steel Welding, Add	*24.12*
		For Up To 25, Add	*28.79*
		For >25 To 50, Add	*20.48*
05 05 21 00-0018	LF	3/4" Vertical Fillet Weld	114.80
		For Aluminum Welding, Add	*21.17*
		For Stainless Steel Welding, Add	*33.64*
		For Up To 25, Add	*38.54*
		For >25 To 50, Add	*27.38*
05 05 21 00-0019	LF	7/8" Vertical Fillet Weld	169.66
		For Aluminum Welding, Add	*29.85*
		For Stainless Steel Welding, Add	*47.91*
		For Up To 25, Add	*57.55*
		For >25 To 50, Add	*40.95*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 21 00-0020	LF	1" Vertical Fillet Weld	228.72	
		For Aluminum Welding, Add	*41.68*	
		For Stainless Steel Welding, Add	*66.40*	
		For Up To 25, Add	*76.98*	
		For >25 To 50, Add	*54.72*	

05 05 21 00-0021 Horizontal Or Flat Fillet Welds *(05 05 21 00-0007)*

Note: For existing steel and moment connections. Includes tack welds for proper alignment until the final welds are made.

05 05 21 00-0022	LF	1/8" Horizontal Or Flat Fillet Weld	8.00	
		For Aluminum Welding, Add	*1.70*	
		For Stainless Steel Welding, Add	*2.62*	
		For Up To 25, Add	*2.59*	
		For >25 To 50, Add	*1.83*	
05 05 21 00-0023	LF	3/16" Horizontal Or Flat Fillet Weld	15.56	
		For Aluminum Welding, Add	*2.98*	
		For Stainless Steel Welding, Add	*4.70*	
		For Up To 25, Add	*5.18*	
		For >25 To 50, Add	*3.67*	
05 05 21 00-0024	LF	1/4" Horizontal Or Flat Fillet Weld	23.27	
		For Aluminum Welding, Add	*4.46*	
		For Stainless Steel Welding, Add	*7.03*	
		For Up To 25, Add	*7.74*	
		For >25 To 50, Add	*5.49*	
05 05 21 00-0025	LF	5/16" Horizontal Or Flat Fillet Weld	30.75	
		For Aluminum Welding, Add	*5.94*	
		For Stainless Steel Welding, Add	*9.35*	
		For Up To 25, Add	*10.21*	
		For >25 To 50, Add	*7.25*	
05 05 21 00-0026	LF	3/8" Horizontal Or Flat Fillet Weld	38.80	
		For Aluminum Welding, Add	*7.43*	
		For Stainless Steel Welding, Add	*11.72*	
		For Up To 25, Add	*12.91*	
		For >25 To 50, Add	*9.16*	
05 05 21 00-0027	LF	7/16" Horizontal Or Flat Fillet Weld	44.90	
		For Aluminum Welding, Add	*8.03*	
		For Stainless Steel Welding, Add	*12.85*	
		For Up To 25, Add	*15.18*	
		For >25 To 50, Add	*10.79*	
05 05 21 00-0028	LF	1/2" Horizontal Or Flat Fillet Weld	53.01	
		For Aluminum Welding, Add	*10.21*	
		For Stainless Steel Welding, Add	*16.08*	
		For Up To 25, Add	*17.61*	
		For >25 To 50, Add	*12.50*	
05 05 21 00-0029	LF	9/16" Horizontal Or Flat Fillet Weld	61.89	
		For Aluminum Welding, Add	*11.35*	
		For Stainless Steel Welding, Add	*18.06*	
		For Up To 25, Add	*20.80*	
		For >25 To 50, Add	*14.78*	
05 05 21 00-0030	LF	5/8" Horizontal Or Flat Fillet Weld	72.11	
		For Aluminum Welding, Add	*13.50*	
		For Stainless Steel Welding, Add	*21.38*	
		For Up To 25, Add	*24.12*	
		For >25 To 50, Add	*17.13*	
05 05 21 00-0031	LF	3/4" Horizontal Or Flat Fillet Weld	97.12	
		For Aluminum Welding, Add	*18.71*	
		For Stainless Steel Welding, Add	*29.46*	
		For Up To 25, Add	*32.27*	
		For >25 To 50, Add	*22.90*	
05 05 21 00-0032	LF	7/8" Horizontal Or Flat Fillet Weld	142.12	
		For Aluminum Welding, Add	*25.43*	
		For Stainless Steel Welding, Add	*40.67*	
		For Up To 25, Add	*48.03*	
		For >25 To 50, Add	*34.16*	
05 05 21 00-0033	LF	1" Horizontal Or Flat Fillet Weld	192.79	
		For Aluminum Welding, Add	*36.65*	
		For Stainless Steel Welding, Add	*57.86*	
		For Up To 25, Add	*64.26*	
		For >25 To 50, Add	*45.62*	

05 05 23 Metal Fastenings *(05 05)*

05 05 23 00-0001 Hex Bolts *(05 05 23)*

Note: For owner furnished materials or where requested by the owner. Excludes drilling through steel, concrete, brick or block. See CSI section 02 41 19 13-0271 for drilling into concrete, 02 41 19 13-0286 for drilling into brick or block.

05 05 23 00-0002 A307B Heavy Hex Bolts *(05 05 23 00-0001)*

Note: Includes A307B heavy hex nut and two structural washers.

05 05 23 00-0003 Plain Finish A307B Heavy Hex Bolts *(05 05 23 00-0002)*

05 05 23 00-0004	EA	1/2" Diameter x 1-1/2" Long, Plain Finish A307B Heavy Hex Bolt	16.86	1.67
		For >10 To 50, Deduct	*-0.70*	
		For >50 To 100, Deduct	*-1.47*	
		For >100, Deduct	*-2.94*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0005	EA	1/2" Diameter x 3" Long, Plain Finish A307B Heavy Hex Bolt	18.52	1.67
		For >10 To 50, Deduct	*-0.70*	
		For >50 To 100, Deduct	*-1.51*	
		For >100, Deduct	*-3.02*	
05 05 23 00-0006	EA	5/8" Diameter x 2" Long, Plain Finish A307B Heavy Hex Bolt	18.56	1.67
		For >10 To 50, Deduct	*-0.70*	
		For >50 To 100, Deduct	*-1.51*	
		For >100, Deduct	*-3.03*	
05 05 23 00-0007	EA	5/8" Diameter x 4" Long, Plain Finish A307B Heavy Hex Bolt	22.07	1.91
		For >10 To 50, Deduct	*-0.80*	
		For >50 To 100, Deduct	*-1.75*	
		For >100, Deduct	*-3.50*	
05 05 23 00-0008	EA	3/4" Diameter x 2" Long, Plain Finish A307B Heavy Hex Bolt	21.35	1.67
		For >10 To 50, Deduct	*-0.70*	
		For >50 To 100, Deduct	*-1.58*	
		For >100, Deduct	*-3.16*	
05 05 23 00-0009	EA	3/4" Diameter x 4" Long, Plain Finish A307B Heavy Hex Bolt	25.54	1.91
		For >10 To 50, Deduct	*-0.80*	
		For >50 To 100, Deduct	*-1.83*	
		For >100, Deduct	*-3.67*	
05 05 23 00-0010	EA	3/4" Diameter x 6" Long, Plain Finish A307B Heavy Hex Bolt	32.10	2.00
		For >10 To 50, Deduct	*-0.83*	
		For >50 To 100, Deduct	*-2.05*	
		For >100, Deduct	*-4.11*	
05 05 23 00-0011	EA	3/4" Diameter x 8" Long, Plain Finish A307B Heavy Hex Bolt	34.47	2.10
		For >10 To 50, Deduct	*-0.88*	
		For >50 To 100, Deduct	*-2.18*	
		For >100, Deduct	*-4.35*	
05 05 23 00-0012	EA	7/8" Diameter x 2" Long, Plain Finish A307B Heavy Hex Bolt	25.49	1.82
		For >10 To 50, Deduct	*-0.76*	
		For >50 To 100, Deduct	*-1.77*	
		For >100, Deduct	*-3.55*	
05 05 23 00-0013	EA	7/8" Diameter x 4" Long, Plain Finish A307B Heavy Hex Bolt	30.65	2.00
		For >10 To 50, Deduct	*-0.83*	
		For >50 To 100, Deduct	*-2.02*	
		For >100, Deduct	*-4.03*	
05 05 23 00-0014	EA	1" Diameter x 4" Long, Plain Finish A307B Heavy Hex Bolt	35.96	2.10
		For >10 To 50, Deduct	*-0.88*	
		For >50 To 100, Deduct	*-2.21*	
		For >100, Deduct	*-4.43*	
05 05 23 00-0015	EA	1" Diameter x 6" Long, Plain Finish A307B Heavy Hex Bolt	50.98	2.21
		For >10 To 50, Deduct	*-0.92*	
		For >50 To 100, Deduct	*-2.66*	
		For >100, Deduct	*-5.31*	
05 05 23 00-0016	EA	1-1/4" Diameter x 4" Long, Plain Finish A307B Heavy Hex Bolt	59.65	2.50
		For >10 To 50, Deduct	*-1.04*	
		For >50 To 100, Deduct	*-3.05*	
		For >100, Deduct	*-6.10*	
05 05 23 00-0017	EA	1-1/4" Diameter x 6" Long, Plain Finish A307B Heavy Hex Bolt	67.07	2.68
		For >10 To 50, Deduct	*-1.12*	
		For >50 To 100, Deduct	*-3.35*	
		For >100, Deduct	*-6.70*	

05 05 23 00-0018 Galvanized A307B Heavy Hex Bolts *(05 05 23 00-0002)*

05 05 23 00-0019	EA	1/2" Diameter x 1-1/2" Long, Galvanized A307B Heavy Hex Bolt	17.67	1.67
		For >10 To 50, Deduct	*-0.70*	
		For >50 To 100, Deduct	*-1.49*	
		For >100, Deduct	*-2.98*	
05 05 23 00-0020	EA	1/2" Diameter x 3" Long, Galvanized A307B Heavy Hex Bolt	19.06	1.67
		For >10 To 50, Deduct	*-0.70*	
		For >50 To 100, Deduct	*-1.53*	
		For >100, Deduct	*-3.05*	
05 05 23 00-0021	EA	5/8" Diameter x 2" Long, Galvanized A307B Heavy Hex Bolt	20.57	1.67
		For >10 To 50, Deduct	*-0.70*	
		For >50 To 100, Deduct	*-1.56*	
		For >100, Deduct	*-3.13*	
05 05 23 00-0022	EA	5/8" Diameter x 4" Long, Galvanized A307B Heavy Hex Bolt	24.08	1.91
		For >10 To 50, Deduct	*-0.80*	
		For >50 To 100, Deduct	*-1.80*	
		For >100, Deduct	*-3.60*	
05 05 23 00-0023	EA	3/4" Diameter x 2" Long, Galvanized A307B Heavy Hex Bolt	23.64	1.67
		For >10 To 50, Deduct	*-0.70*	
		For >50 To 100, Deduct	*-1.64*	
		For >100, Deduct	*-3.28*	
05 05 23 00-0024	EA	3/4" Diameter x 4" Long, Galvanized A307B Heavy Hex Bolt	29.76	1.91
		For >10 To 50, Deduct	*-0.80*	
		For >50 To 100, Deduct	*-1.94*	
		For >100, Deduct	*-3.88*	
05 05 23 00-0025	EA	3/4" Diameter x 6" Long, Galvanized A307B Heavy Hex Bolt	39.38	2.00
		For >10 To 50, Deduct	*-0.83*	
		For >50 To 100, Deduct	*-2.23*	
		For >100, Deduct	*-4.47*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0026	EA	3/4" Diameter x 8" Long, Galvanized A307B Heavy Hex Bolt	46.25	2.10
		For >10 To 50, Deduct	*-0.88*	
		For >50 To 100, Deduct	*-2.47*	
		For >100, Deduct	*-4.94*	
05 05 23 00-0027	EA	7/8" Diameter x 2" Long, Galvanized A307B Heavy Hex Bolt	31.47	1.82
		For >10 To 50, Deduct	*-0.76*	
		For >50 To 100, Deduct	*-1.92*	
		For >100, Deduct	*-3.85*	
05 05 23 00-0028	EA	7/8" Diameter x 4" Long, Galvanized A307B Heavy Hex Bolt	37.39	2.00
		For >10 To 50, Deduct	*-0.83*	
		For >50 To 100, Deduct	*-2.18*	
		For >100, Deduct	*-4.37*	
05 05 23 00-0029	EA	1" Diameter x 4" Long, Galvanized A307B Heavy Hex Bolt	44.66	2.10
		For >10 To 50, Deduct	*-0.88*	
		For >50 To 100, Deduct	*-2.43*	
		For >100, Deduct	*-4.86*	
05 05 23 00-0030	EA	1" Diameter x 6" Long, Galvanized A307B Heavy Hex Bolt	66.75	2.21
		For >10 To 50, Deduct	*-0.92*	
		For >50 To 100, Deduct	*-3.05*	
		For >100, Deduct	*-6.10*	
05 05 23 00-0031	EA	1-1/4" Diameter x 4" Long, Galvanized A307B Heavy Hex Bolt	66.70	2.50
		For >10 To 50, Deduct	*-1.04*	
		For >50 To 100, Deduct	*-3.23*	
		For >100, Deduct	*-6.46*	
05 05 23 00-0032	EA	1-1/4" Diameter x 6" Long, Galvanized A307B Heavy Hex Bolt	83.41	2.68
		For >10 To 50, Deduct	*-1.12*	
		For >50 To 100, Deduct	*-3.76*	
		For >100, Deduct	*-7.52*	

05 05 23 00-0033 A325 High Strength Structural Bolts *(05 05 23 00-0001)*

Note: Includes A325 heavy hex nut and two structural washers.

05 05 23 00-0034 Plain Finish A325 High Strength Structural Bolts *(05 05 23 00-0033)*

Note: Includes A325 heavy hex nut and structural washer.

05 05 23 00-0035	EA	1/2" Diameter x 1-1/2" Long, Plain Finish A325 High Strength Structural Bolt	16.47	1.67
		For >10 To 50, Deduct	*-0.70*	
		For >50 To 100, Deduct	*-1.46*	
		For >100, Deduct	*-2.92*	
05 05 23 00-0036	EA	1/2" Diameter x 3" Long, Plain Finish A325 High Strength Structural Bolt	16.84	1.67
		For >10 To 50, Deduct	*-0.70*	
		For >50 To 100, Deduct	*-1.47*	
		For >100, Deduct	*-2.94*	
05 05 23 00-0037	EA	5/8" Diameter x 2" Long, Plain Finish A325 High Strength Structural Bolt	18.02	1.67
		For >10 To 50, Deduct	*-0.70*	
		For >50 To 100, Deduct	*-1.50*	
		For >100, Deduct	*-3.00*	
05 05 23 00-0038	EA	5/8" Diameter x 4" Long, Plain Finish A325 High Strength Structural Bolt	22.10	1.91
		For >10 To 50, Deduct	*-0.80*	
		For >50 To 100, Deduct	*-1.75*	
		For >100, Deduct	*-3.50*	
05 05 23 00-0039	EA	5/8" Diameter x 6" Long, Plain Finish A325 High Strength Structural Bolt	25.61	2.00
		For >10 To 50, Deduct	*-0.83*	
		For >50 To 100, Deduct	*-1.89*	
		For >100, Deduct	*-3.78*	
05 05 23 00-0040	EA	3/4" Diameter x 2" Long, Plain Finish A325 High Strength Structural Bolt	19.64	1.67
		For >10 To 50, Deduct	*-0.70*	
		For >50 To 100, Deduct	*-1.54*	
		For >100, Deduct	*-3.08*	
05 05 23 00-0041	EA	3/4" Diameter x 4" Long, Plain Finish A325 High Strength Structural Bolt	23.84	1.91
		For >10 To 50, Deduct	*-0.80*	
		For >50 To 100, Deduct	*-1.79*	
		For >100, Deduct	*-3.58*	
05 05 23 00-0042	EA	3/4" Diameter x 6" Long, Plain Finish A325 High Strength Structural Bolt	27.14	2.00
		For >10 To 50, Deduct	*-0.83*	
		For >50 To 100, Deduct	*-1.93*	
		For >100, Deduct	*-3.86*	
05 05 23 00-0043	EA	3/4" Diameter x 8" Long, Plain Finish A325 High Strength Structural Bolt	33.43	2.10
		For >10 To 50, Deduct	*-0.88*	
		For >50 To 100, Deduct	*-2.15*	
		For >100, Deduct	*-4.30*	
05 05 23 00-0044	EA	7/8" Diameter x 2" Long, Plain Finish A325 High Strength Structural Bolt	22.81	1.82
		For >10 To 50, Deduct	*-0.76*	
		For >50 To 100, Deduct	*-1.71*	
		For >100, Deduct	*-3.41*	
05 05 23 00-0045	EA	7/8" Diameter x 4" Long, Plain Finish A325 High Strength Structural Bolt	27.80	2.00
		For >10 To 50, Deduct	*-0.83*	
		For >50 To 100, Deduct	*-1.94*	
		For >100, Deduct	*-3.89*	
05 05 23 00-0046	EA	7/8" Diameter x 6" Long, Plain Finish A325 High Strength Structural Bolt	31.74	2.10
		For >10 To 50, Deduct	*-0.88*	
		For >50 To 100, Deduct	*-2.11*	
		For >100, Deduct	*-4.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0047	EA	7/8" Diameter x 8" Long, Plain Finish A325 High Strength Structural Bolt	34.40	2.21
		For >10 To 50, Deduct	*-0.92*	
		For >50 To 100, Deduct	*-2.24*	
		For >100, Deduct	*-4.48*	
05 05 23 00-0048	EA	1" Diameter x 2" Long, Plain Finish A325 High Strength Structural Bolt	25.22	1.89
		For >10 To 50, Deduct	*-0.79*	
		For >50 To 100, Deduct	*-1.81*	
		For >100, Deduct	*-3.63*	
05 05 23 00-0049	EA	1" Diameter x 4" Long, Plain Finish A325 High Strength Structural Bolt	30.36	2.10
		For >10 To 50, Deduct	*-0.88*	
		For >50 To 100, Deduct	*-2.07*	
		For >100, Deduct	*-4.15*	
05 05 23 00-0050	EA	1" Diameter x 6" Long, Plain Finish A325 High Strength Structural Bolt	35.18	2.21
		For >10 To 50, Deduct	*-0.92*	
		For >50 To 100, Deduct	*-2.26*	
		For >100, Deduct	*-4.52*	
05 05 23 00-0051	EA	1" Diameter x 8" Long, Plain Finish A325 High Strength Structural Bolt	45.11	2.35
		For >10 To 50, Deduct	*-0.98*	
		For >50 To 100, Deduct	*-2.60*	
		For >100, Deduct	*-5.20*	
05 05 23 00-0052	EA	1-1/4" Diameter x 3" Long, Plain Finish A325 High Strength Structural Bolt	43.05	2.35
		For >10 To 50, Deduct	*-0.98*	
		For >50 To 100, Deduct	*-2.55*	
		For >100, Deduct	*-5.10*	
05 05 23 00-0053	EA	1-1/4" Diameter x 4" Long, Plain Finish A325 High Strength Structural Bolt	48.81	2.50
		For >10 To 50, Deduct	*-1.04*	
		For >50 To 100, Deduct	*-2.78*	
		For >100, Deduct	*-5.56*	
05 05 23 00-0054	EA	1-1/4" Diameter x 6" Long, Plain Finish A325 High Strength Structural Bolt	57.32	2.68
		For >10 To 50, Deduct	*-1.12*	
		For >50 To 100, Deduct	*-3.11*	
		For >100, Deduct	*-6.21*	
05 05 23 00-0055	EA	1-1/4" Diameter x 8" Long, Plain Finish A325 High Strength Structural Bolt	67.33	2.86
		For >10 To 50, Deduct	*-1.19*	
		For >50 To 100, Deduct	*-3.47*	
		For >100, Deduct	*-6.94*	

05 05 23 00-0056 Galvanized A325 High Strength Structural Bolts *(05 05 23 00-0033)*

Note: Includes A325 heavy hex nut and structural washer.

05 05 23 00-0057	EA	1/2" Diameter x 1-1/2" Long, Galvanized A325 High Strength Structural Bolt	17.21	1.67
		For >10 To 50, Deduct	*-0.70*	
		For >50 To 100, Deduct	*-1.48*	
		For >100, Deduct	*-2.96*	
05 05 23 00-0058	EA	1/2" Diameter x 3" Long, Galvanized A325 High Strength Structural Bolt	17.47	1.67
		For >10 To 50, Deduct	*-0.70*	
		For >50 To 100, Deduct	*-1.49*	
		For >100, Deduct	*-2.97*	
05 05 23 00-0059	EA	5/8" Diameter x 2" Long, Galvanized A325 High Strength Structural Bolt	19.56	1.67
		For >10 To 50, Deduct	*-0.70*	
		For >50 To 100, Deduct	*-1.54*	
		For >100, Deduct	*-3.08*	
05 05 23 00-0060	EA	5/8" Diameter x 4" Long, Galvanized A325 High Strength Structural Bolt	23.20	1.91
		For >10 To 50, Deduct	*-0.80*	
		For >50 To 100, Deduct	*-1.78*	
		For >100, Deduct	*-3.55*	
05 05 23 00-0061	EA	5/8" Diameter x 6" Long, Galvanized A325 High Strength Structural Bolt	24.55	2.00
		For >10 To 50, Deduct	*-0.83*	
		For >50 To 100, Deduct	*-1.86*	
		For >100, Deduct	*-3.73*	
05 05 23 00-0062	EA	3/4" Diameter x 2" Long, Galvanized A325 High Strength Structural Bolt	20.36	1.67
		For >10 To 50, Deduct	*-0.70*	
		For >50 To 100, Deduct	*-1.56*	
		For >100, Deduct	*-3.12*	
05 05 23 00-0063	EA	3/4" Diameter x 4" Long, Galvanized A325 High Strength Structural Bolt	24.74	1.91
		For >10 To 50, Deduct	*-0.80*	
		For >50 To 100, Deduct	*-1.81*	
		For >100, Deduct	*-3.63*	
05 05 23 00-0064	EA	3/4" Diameter x 6" Long, Galvanized A325 High Strength Structural Bolt	28.54	2.00
		For >10 To 50, Deduct	*-0.83*	
		For >50 To 100, Deduct	*-1.96*	
		For >100, Deduct	*-3.93*	
05 05 23 00-0065	EA	3/4" Diameter x 8" Long, Galvanized A325 High Strength Structural Bolt	36.74	2.10
		For >10 To 50, Deduct	*-0.88*	
		For >50 To 100, Deduct	*-2.23*	
		For >100, Deduct	*-4.47*	
05 05 23 00-0066	EA	7/8" Diameter x 2" Long, Galvanized A325 High Strength Structural Bolt	27.08	1.82
		For >10 To 50, Deduct	*-0.76*	
		For >50 To 100, Deduct	*-1.81*	
		For >100, Deduct	*-3.63*	
05 05 23 00-0067	EA	7/8" Diameter x 4" Long, Galvanized A325 High Strength Structural Bolt	30.32	2.00
		For >10 To 50, Deduct	*-0.83*	
		For >50 To 100, Deduct	*-2.01*	
		For >100, Deduct	*-4.01*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0068	EA	7/8" Diameter x 6" Long, Galvanized A325 High Strength Structural Bolt	34.80	2.10
		For >10 To 50, Deduct	*-0.88*	
		For >50 To 100, Deduct	*-2.19*	
		For >100, Deduct	*-4.37*	
05 05 23 00-0069	EA	7/8" Diameter x 8" Long, Galvanized A325 High Strength Structural Bolt	43.58	2.21
		For >10 To 50, Deduct	*-0.92*	
		For >50 To 100, Deduct	*-2.47*	
		For >100, Deduct	*-4.94*	
05 05 23 00-0070	EA	1" Diameter x 2" Long, Galvanized A325 High Strength Structural Bolt	28.54	1.89
		For >10 To 50, Deduct	*-0.79*	
		For >50 To 100, Deduct	*-1.90*	
		For >100, Deduct	*-3.79*	
05 05 23 00-0071	EA	1" Diameter x 4" Long, Galvanized A325 High Strength Structural Bolt	37.97	2.10
		For >10 To 50, Deduct	*-0.88*	
		For >50 To 100, Deduct	*-2.26*	
		For >100, Deduct	*-4.53*	
05 05 23 00-0072	EA	1" Diameter x 6" Long, Galvanized A325 High Strength Structural Bolt	41.56	2.21
		For >10 To 50, Deduct	*-0.92*	
		For >50 To 100, Deduct	*-2.42*	
		For >100, Deduct	*-4.84*	
05 05 23 00-0073	EA	1" Diameter x 8" Long, Galvanized A325 High Strength Structural Bolt	52.96	2.35
		For >10 To 50, Deduct	*-0.98*	
		For >50 To 100, Deduct	*-2.80*	
		For >100, Deduct	*-5.59*	
05 05 23 00-0074	EA	1-1/4" Diameter x 3" Long, Galvanized A325 High Strength Structural Bolt	52.64	2.35
		For >10 To 50, Deduct	*-0.98*	
		For >50 To 100, Deduct	*-2.79*	
		For >100, Deduct	*-5.58*	
05 05 23 00-0075	EA	1-1/4" Diameter x 4" Long, Galvanized A325 High Strength Structural Bolt	56.13	2.50
		For >10 To 50, Deduct	*-1.04*	
		For >50 To 100, Deduct	*-2.96*	
		For >100, Deduct	*-5.93*	
05 05 23 00-0076	EA	1-1/4" Diameter x 6" Long, Galvanized A325 High Strength Structural Bolt	65.72	2.68
		For >10 To 50, Deduct	*-1.12*	
		For >50 To 100, Deduct	*-3.32*	
		For >100, Deduct	*-6.63*	
05 05 23 00-0077	EA	1-1/4" Diameter x 8" Long, Galvanized A325 High Strength Structural Bolt	76.09	2.86
		For >10 To 50, Deduct	*-1.19*	
		For >50 To 100, Deduct	*-3.69*	
		For >100, Deduct	*-7.37*	

05 05 23 00-0078 A490 High Strength Structural Bolts *(05 05 23 00-0001)*

Note: Includes A490 heavy hex nut and two structural washers.

05 05 23 00-0079 Plain Finish A490 High Strength Structural Bolts *(05 05 23 00-0078)*

05 05 23 00-0080	EA	5/8" Diameter x 2" Long, Plain Finish A490 High Strength Structural Bolt	18.60	1.67
		For >10 To 50, Deduct	*-0.70*	
		For >50 To 100, Deduct	*-1.51*	
		For >100, Deduct	*-3.03*	
05 05 23 00-0081	EA	5/8" Diameter x 4" Long, Plain Finish A490 High Strength Structural Bolt	26.09	1.91
		For >10 To 50, Deduct	*-0.80*	
		For >50 To 100, Deduct	*-1.85*	
		For >100, Deduct	*-3.70*	
05 05 23 00-0082	EA	5/8" Diameter x 6" Long, Plain Finish A490 High Strength Structural Bolt	27.90	2.00
		For >10 To 50, Deduct	*-0.83*	
		For >50 To 100, Deduct	*-1.95*	
		For >100, Deduct	*-3.90*	
05 05 23 00-0083	EA	3/4" Diameter x 2" Long, Plain Finish A490 High Strength Structural Bolt	20.85	1.67
		For >10 To 50, Deduct	*-0.70*	
		For >50 To 100, Deduct	*-1.57*	
		For >100, Deduct	*-3.14*	
05 05 23 00-0084	EA	3/4" Diameter x 4" Long, Plain Finish A490 High Strength Structural Bolt	25.22	1.91
		For >10 To 50, Deduct	*-0.80*	
		For >50 To 100, Deduct	*-1.83*	
		For >100, Deduct	*-3.65*	
05 05 23 00-0085	EA	3/4" Diameter x 6" Long, Plain Finish A490 High Strength Structural Bolt	29.36	2.00
		For >10 To 50, Deduct	*-0.83*	
		For >50 To 100, Deduct	*-1.98*	
		For >100, Deduct	*-3.97*	
05 05 23 00-0086	EA	3/4" Diameter x 8" Long, Plain Finish A490 High Strength Structural Bolt	37.74	2.10
		For >10 To 50, Deduct	*-0.88*	
		For >50 To 100, Deduct	*-2.26*	
		For >100, Deduct	*-4.52*	
05 05 23 00-0087	EA	7/8" Diameter x 2" Long, Plain Finish A490 High Strength Structural Bolt	24.20	1.82
		For >10 To 50, Deduct	*-0.76*	
		For >50 To 100, Deduct	*-1.74*	
		For >100, Deduct	*-3.48*	
05 05 23 00-0088	EA	7/8" Diameter x 4" Long, Plain Finish A490 High Strength Structural Bolt	28.24	2.00
		For >10 To 50, Deduct	*-0.83*	
		For >50 To 100, Deduct	*-1.95*	
		For >100, Deduct	*-3.91*	
05 05 23 00-0089	EA	7/8" Diameter x 6" Long, Plain Finish A490 High Strength Structural Bolt	40.73	2.10
		For >10 To 50, Deduct	*-0.88*	
		For >50 To 100, Deduct	*-2.33*	
		For >100, Deduct	*-4.67*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0090	EA	1" Diameter x 2" Long, Plain Finish A490 High Strength Structural Bolt	28.47	1.89
		For >10 To 50, Deduct	*-0.79*	
		For >50 To 100, Deduct	*-1.89*	
		For >100, Deduct	*-3.79*	
05 05 23 00-0091	EA	1" Diameter x 4" Long, Plain Finish A490 High Strength Structural Bolt	34.00	2.10
		For >10 To 50, Deduct	*-0.88*	
		For >50 To 100, Deduct	*-2.17*	
		For >100, Deduct	*-4.33*	
05 05 23 00-0092	EA	1" Diameter x 6" Long, Plain Finish A490 High Strength Structural Bolt	39.11	2.21
		For >10 To 50, Deduct	*-0.92*	
		For >50 To 100, Deduct	*-2.36*	
		For >100, Deduct	*-4.72*	
05 05 23 00-0093	EA	1-1/4" Diameter x 3" Long, Plain Finish A490 High Strength Structural Bolt	48.85	2.35
		For >10 To 50, Deduct	*-0.98*	
		For >50 To 100, Deduct	*-2.69*	
		For >100, Deduct	*-5.39*	
05 05 23 00-0094	EA	1-1/4" Diameter x 4" Long, Plain Finish A490 High Strength Structural Bolt	62.65	2.50
		For >10 To 50, Deduct	*-1.04*	
		For >50 To 100, Deduct	*-3.13*	
		For >100, Deduct	*-6.25*	
05 05 23 00-0095	EA	1-1/4" Diameter x 6" Long, Plain Finish A490 High Strength Structural Bolt	65.94	2.68
		For >10 To 50, Deduct	*-1.12*	
		For >50 To 100, Deduct	*-3.32*	
		For >100, Deduct	*-6.64*	
05 05 23 00-0096	EA	1-1/4" Diameter x 8" Long, Plain Finish A490 High Strength Structural Bolt	68.81	2.86
		For >10 To 50, Deduct	*-1.19*	
		For >50 To 100, Deduct	*-3.50*	
		For >100, Deduct	*-7.01*	

05 05 23 00-0097 Hex Head Bolts *(05 05 23 00-0001)*

05 05 23 00-0098 Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0097)*

05 05 23 00-0099 1/4" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0098)*

05 05 23 00-0100	EA	1/4" Diameter x 1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.63	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.88*	
		For >500, Deduct	*-2.25*	
05 05 23 00-0101	EA	1/4" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.66	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.88*	
		For >500, Deduct	*-2.25*	
05 05 23 00-0102	EA	1/4" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.75	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.88*	
		For >500, Deduct	*-2.25*	
05 05 23 00-0103	EA	1/4" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.80	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.88*	
		For >500, Deduct	*-2.25*	
05 05 23 00-0104	EA	1/4" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.07	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.93*	
		For >500, Deduct	*-2.31*	
05 05 23 00-0105	EA	1/4" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.11	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.93*	
		For >500, Deduct	*-2.31*	
05 05 23 00-0106	EA	1/4" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.25	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.93*	
		For >500, Deduct	*-2.31*	
05 05 23 00-0107	EA	1/4" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.47	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.38*	
05 05 23 00-0108	EA	1/4" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.52	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.38*	
05 05 23 00-0109	EA	1/4" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.74	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.38*	
05 05 23 00-0110	EA	1/4" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.12	
		For >100 To 250, Deduct	*-1.63*	
		For >250 To 500, Deduct	*-2.04*	
		For >500, Deduct	*-2.44*	
05 05 23 00-0111	EA	1/4" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.28	
		For >100 To 250, Deduct	*-1.63*	
		For >250 To 500, Deduct	*-2.04*	
		For >500, Deduct	*-2.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0112	EA	1/4" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.51	
		For >100 To 250, Deduct	*-1.63*	
		For >250 To 500, Deduct	*-2.04*	
		For >500, Deduct	*-2.44*	
05 05 23 00-0113	EA	1/4" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.21	
		For >100 To 250, Deduct	*-1.67*	
		For >250 To 500, Deduct	*-2.09*	
		For >500, Deduct	*-2.51*	
05 05 23 00-0114	EA	1/4" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.56	
		For >100 To 250, Deduct	*-1.67*	
		For >250 To 500, Deduct	*-2.09*	
		For >500, Deduct	*-2.51*	
05 05 23 00-0115	EA	1/4" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.66	
		For >100 To 250, Deduct	*-1.67*	
		For >250 To 500, Deduct	*-2.09*	
		For >500, Deduct	*-2.51*	
05 05 23 00-0116		**5/16" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts** *(05 05 23 00-0098)*		
05 05 23 00-0117	EA	5/16" Diameter x 1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.71	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.88*	
		For >500, Deduct	*-2.25*	
05 05 23 00-0118	EA	5/16" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.74	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.88*	
		For >500, Deduct	*-2.25*	
05 05 23 00-0119	EA	5/16" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.82	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.88*	
		For >500, Deduct	*-2.25*	
05 05 23 00-0120	EA	5/16" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.88	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.88*	
		For >500, Deduct	*-2.25*	
05 05 23 00-0121	EA	5/16" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.17	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.93*	
		For >500, Deduct	*-2.31*	
05 05 23 00-0122	EA	5/16" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.32	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.93*	
		For >500, Deduct	*-2.31*	
05 05 23 00-0123	EA	5/16" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.37	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.93*	
		For >500, Deduct	*-2.31*	
05 05 23 00-0124	EA	5/16" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.73	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.38*	
05 05 23 00-0125	EA	5/16" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.94	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.38*	
05 05 23 00-0126	EA	5/16" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.02	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.38*	
05 05 23 00-0127	EA	5/16" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.31	
		For >100 To 250, Deduct	*-1.63*	
		For >250 To 500, Deduct	*-2.04*	
		For >500, Deduct	*-2.44*	
05 05 23 00-0128	EA	5/16" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.39	
		For >100 To 250, Deduct	*-1.63*	
		For >250 To 500, Deduct	*-2.04*	
		For >500, Deduct	*-2.44*	
05 05 23 00-0129	EA	5/16" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.19	
		For >100 To 250, Deduct	*-1.63*	
		For >250 To 500, Deduct	*-2.04*	
		For >500, Deduct	*-2.44*	
05 05 23 00-0130	EA	5/16" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.79	
		For >100 To 250, Deduct	*-1.67*	
		For >250 To 500, Deduct	*-2.09*	
		For >500, Deduct	*-2.51*	
05 05 23 00-0131	EA	5/16" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	11.14	
		For >100 To 250, Deduct	*-1.67*	
		For >250 To 500, Deduct	*-2.09*	
		For >500, Deduct	*-2.51*	
05 05 23 00-0132	EA	5/16" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	11.46	
		For >100 To 250, Deduct	*-1.67*	
		For >250 To 500, Deduct	*-2.09*	
		For >500, Deduct	*-2.51*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

05 05 23 00-0133 3/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0098)*

05 05 23 00-0134	EA	3/8" Diameter x 1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.81	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.88*	
		For >500, Deduct	*-2.25*	
05 05 23 00-0135	EA	3/8" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.84	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.88*	
		For >500, Deduct	*-2.25*	
05 05 23 00-0136	EA	3/8" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.95	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.88*	
		For >500, Deduct	*-2.25*	
05 05 23 00-0137	EA	3/8" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.05	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.88*	
		For >500, Deduct	*-2.25*	
05 05 23 00-0138	EA	3/8" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.35	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.93*	
		For >500, Deduct	*-2.31*	
05 05 23 00-0139	EA	3/8" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.54	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.93*	
		For >500, Deduct	*-2.31*	
05 05 23 00-0140	EA	3/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.72	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.93*	
		For >500, Deduct	*-2.31*	
05 05 23 00-0141	EA	3/8" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.12	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.38*	
05 05 23 00-0142	EA	3/8" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.36	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.38*	
05 05 23 00-0143	EA	3/8" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.49	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.38*	
05 05 23 00-0144	EA	3/8" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.96	
		For >100 To 250, Deduct	*-1.63*	
		For >250 To 500, Deduct	*-2.04*	
		For >500, Deduct	*-2.44*	
05 05 23 00-0145	EA	3/8" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.09	
		For >100 To 250, Deduct	*-1.63*	
		For >250 To 500, Deduct	*-2.04*	
		For >500, Deduct	*-2.44*	
05 05 23 00-0146	EA	3/8" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.19	
		For >100 To 250, Deduct	*-1.63*	
		For >250 To 500, Deduct	*-2.04*	
		For >500, Deduct	*-2.44*	
05 05 23 00-0147	EA	3/8" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.46	
		For >100 To 250, Deduct	*-1.67*	
		For >250 To 500, Deduct	*-2.09*	
		For >500, Deduct	*-2.51*	
05 05 23 00-0148	EA	3/8" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.61	
		For >100 To 250, Deduct	*-1.67*	
		For >250 To 500, Deduct	*-2.09*	
		For >500, Deduct	*-2.51*	
05 05 23 00-0149	EA	3/8" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.82	
		For >100 To 250, Deduct	*-1.67*	
		For >250 To 500, Deduct	*-2.09*	
		For >500, Deduct	*-2.51*	

05 05 23 00-0150 7/16" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0098)*

05 05 23 00-0151	EA	7/16" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.32	
		For >100 To 250, Deduct	*-1.71*	
		For >250 To 500, Deduct	*-2.14*	
		For >500, Deduct	*-2.57*	
05 05 23 00-0152	EA	7/16" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.47	
		For >100 To 250, Deduct	*-1.71*	
		For >250 To 500, Deduct	*-2.14*	
		For >500, Deduct	*-2.57*	
05 05 23 00-0153	EA	7/16" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.49	
		For >100 To 250, Deduct	*-1.71*	
		For >250 To 500, Deduct	*-2.14*	
		For >500, Deduct	*-2.57*	
05 05 23 00-0154	EA	7/16" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.90	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0155	EA	7/16" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.13	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	
05 05 23 00-0156	EA	7/16" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.31	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	
05 05 23 00-0157	EA	7/16" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	11.02	
		For >100 To 250, Deduct	*-1.80*	
		For >250 To 500, Deduct	*-2.25*	
		For >500, Deduct	*-2.70*	
05 05 23 00-0158	EA	7/16" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	11.16	
		For >100 To 250, Deduct	*-1.80*	
		For >250 To 500, Deduct	*-2.25*	
		For >500, Deduct	*-2.70*	
05 05 23 00-0159	EA	7/16" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	11.43	
		For >100 To 250, Deduct	*-1.80*	
		For >250 To 500, Deduct	*-2.25*	
		For >500, Deduct	*-2.70*	
05 05 23 00-0160	EA	7/16" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	12.10	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.30*	
		For >500, Deduct	*-2.76*	
05 05 23 00-0161	EA	7/16" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	12.23	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.30*	
		For >500, Deduct	*-2.76*	
05 05 23 00-0162	EA	7/16" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	12.57	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.30*	
		For >500, Deduct	*-2.76*	
05 05 23 00-0163	EA	7/16" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	12.93	
		For >100 To 250, Deduct	*-1.88*	
		For >250 To 500, Deduct	*-2.36*	
		For >500, Deduct	*-2.83*	
05 05 23 00-0164	EA	7/16" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	13.24	
		For >100 To 250, Deduct	*-1.88*	
		For >250 To 500, Deduct	*-2.36*	
		For >500, Deduct	*-2.83*	
05 05 23 00-0165	EA	7/16" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	13.85	
		For >100 To 250, Deduct	*-1.88*	
		For >250 To 500, Deduct	*-2.36*	
		For >500, Deduct	*-2.83*	
05 05 23 00-0166		1/2" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0098)*		
05 05 23 00-0167	EA	1/2" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.19	
		For >100 To 250, Deduct	*-1.71*	
		For >250 To 500, Deduct	*-2.14*	
		For >500, Deduct	*-2.57*	
05 05 23 00-0168	EA	1/2" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.37	
		For >100 To 250, Deduct	*-1.71*	
		For >250 To 500, Deduct	*-2.14*	
		For >500, Deduct	*-2.57*	
05 05 23 00-0169	EA	1/2" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.55	
		For >100 To 250, Deduct	*-1.71*	
		For >250 To 500, Deduct	*-2.14*	
		For >500, Deduct	*-2.57*	
05 05 23 00-0170	EA	1/2" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.97	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	
05 05 23 00-0171	EA	1/2" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.15	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	
05 05 23 00-0172	EA	1/2" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.34	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	
05 05 23 00-0173	EA	1/2" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.81	
		For >100 To 250, Deduct	*-1.80*	
		For >250 To 500, Deduct	*-2.25*	
		For >500, Deduct	*-2.70*	
05 05 23 00-0174	EA	1/2" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	11.02	
		For >100 To 250, Deduct	*-1.80*	
		For >250 To 500, Deduct	*-2.25*	
		For >500, Deduct	*-2.70*	
05 05 23 00-0175	EA	1/2" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	11.40	
		For >100 To 250, Deduct	*-1.80*	
		For >250 To 500, Deduct	*-2.25*	
		For >500, Deduct	*-2.70*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0176	EA	1/2" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	11.67	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.30*	
		For >500, Deduct	*-2.76*	
05 05 23 00-0177	EA	1/2" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	11.71	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.30*	
		For >500, Deduct	*-2.76*	
05 05 23 00-0178	EA	1/2" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	12.03	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.30*	
		For >500, Deduct	*-2.76*	
05 05 23 00-0179	EA	1/2" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	12.53	
		For >100 To 250, Deduct	*-1.88*	
		For >250 To 500, Deduct	*-2.36*	
		For >500, Deduct	*-2.83*	
05 05 23 00-0180	EA	1/2" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	12.73	
		For >100 To 250, Deduct	*-1.88*	
		For >250 To 500, Deduct	*-2.36*	
		For >500, Deduct	*-2.83*	
05 05 23 00-0181	EA	1/2" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	13.28	
		For >100 To 250, Deduct	*-1.88*	
		For >250 To 500, Deduct	*-2.36*	
		For >500, Deduct	*-2.83*	
05 05 23 00-0182	EA	1/2" Diameter x 8-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	13.77	
		For >100 To 250, Deduct	*-1.93*	
		For >250 To 500, Deduct	*-2.41*	
		For >500, Deduct	*-2.89*	
05 05 23 00-0183	EA	1/2" Diameter x 9" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	13.97	
		For >100 To 250, Deduct	*-1.93*	
		For >250 To 500, Deduct	*-2.41*	
		For >500, Deduct	*-2.89*	
05 05 23 00-0184	EA	1/2" Diameter x 9-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	14.74	
		For >100 To 250, Deduct	*-1.93*	
		For >250 To 500, Deduct	*-2.41*	
		For >500, Deduct	*-2.89*	
05 05 23 00-0185	EA	1/2" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	14.96	
		For >100 To 250, Deduct	*-1.93*	
		For >250 To 500, Deduct	*-2.41*	
		For >500, Deduct	*-2.89*	
05 05 23 00-0186		**9/16" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts** *(05 05 23 00-0098)*		
05 05 23 00-0187	EA	9/16" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.38	
		For >100 To 250, Deduct	*-1.71*	
		For >250 To 500, Deduct	*-2.14*	
		For >500, Deduct	*-2.57*	
05 05 23 00-0188	EA	9/16" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.63	
		For >100 To 250, Deduct	*-1.71*	
		For >250 To 500, Deduct	*-2.14*	
		For >500, Deduct	*-2.57*	
05 05 23 00-0189	EA	9/16" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.69	
		For >100 To 250, Deduct	*-1.71*	
		For >250 To 500, Deduct	*-2.14*	
		For >500, Deduct	*-2.57*	
05 05 23 00-0190	EA	9/16" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.71	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	
05 05 23 00-0191	EA	9/16" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	11.03	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	
05 05 23 00-0192	EA	9/16" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	11.14	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	
05 05 23 00-0193	EA	9/16" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	11.40	
		For >100 To 250, Deduct	*-1.80*	
		For >250 To 500, Deduct	*-2.25*	
		For >500, Deduct	*-2.70*	
05 05 23 00-0194	EA	9/16" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	11.48	
		For >100 To 250, Deduct	*-1.80*	
		For >250 To 500, Deduct	*-2.25*	
		For >500, Deduct	*-2.70*	
05 05 23 00-0195	EA	9/16" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	11.75	
		For >100 To 250, Deduct	*-1.80*	
		For >250 To 500, Deduct	*-2.25*	
		For >500, Deduct	*-2.70*	
05 05 23 00-0196	EA	9/16" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	12.03	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.30*	
		For >500, Deduct	*-2.76*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0197	EA	9/16" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	12.11	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.30*	
		For >500, Deduct	*-2.76*	
05 05 23 00-0198	EA	9/16" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	12.35	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.30*	
		For >500, Deduct	*-2.76*	
05 05 23 00-0199	EA	9/16" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	12.82	
		For >100 To 250, Deduct	*-1.88*	
		For >250 To 500, Deduct	*-2.36*	
		For >500, Deduct	*-2.83*	
05 05 23 00-0200	EA	9/16" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	13.11	
		For >100 To 250, Deduct	*-1.88*	
		For >250 To 500, Deduct	*-2.36*	
		For >500, Deduct	*-2.83*	
05 05 23 00-0201	EA	9/16" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	13.40	
		For >100 To 250, Deduct	*-1.88*	
		For >250 To 500, Deduct	*-2.36*	
		For >500, Deduct	*-2.83*	
05 05 23 00-0202	EA	9/16" Diameter x 8-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	13.87	
		For >100 To 250, Deduct	*-1.93*	
		For >250 To 500, Deduct	*-2.41*	
		For >500, Deduct	*-2.89*	
05 05 23 00-0203	EA	9/16" Diameter x 9" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	14.21	
		For >100 To 250, Deduct	*-1.93*	
		For >250 To 500, Deduct	*-2.41*	
		For >500, Deduct	*-2.89*	
05 05 23 00-0204	EA	9/16" Diameter x 9-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	14.44	
		For >100 To 250, Deduct	*-1.93*	
		For >250 To 500, Deduct	*-2.41*	
		For >500, Deduct	*-2.89*	
05 05 23 00-0205	EA	9/16" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	14.79	
		For >100 To 250, Deduct	*-1.93*	
		For >250 To 500, Deduct	*-2.41*	
		For >500, Deduct	*-2.89*	
05 05 23 00-0206		5/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0098)*		
05 05 23 00-0207	EA	5/8" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.99	
		For >100 To 250, Deduct	*-1.93*	
		For >250 To 500, Deduct	*-2.41*	
		For >500, Deduct	*-2.89*	
05 05 23 00-0208	EA	5/8" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	11.16	
		For >100 To 250, Deduct	*-1.93*	
		For >250 To 500, Deduct	*-2.41*	
		For >500, Deduct	*-2.89*	
05 05 23 00-0209	EA	5/8" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	11.37	
		For >100 To 250, Deduct	*-1.93*	
		For >250 To 500, Deduct	*-2.41*	
		For >500, Deduct	*-2.89*	
05 05 23 00-0210	EA	5/8" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	11.88	
		For >100 To 250, Deduct	*-1.97*	
		For >250 To 500, Deduct	*-2.46*	
		For >500, Deduct	*-2.96*	
05 05 23 00-0211	EA	5/8" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	12.20	
		For >100 To 250, Deduct	*-1.97*	
		For >250 To 500, Deduct	*-2.46*	
		For >500, Deduct	*-2.96*	
05 05 23 00-0212	EA	5/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	12.60	
		For >100 To 250, Deduct	*-1.97*	
		For >250 To 500, Deduct	*-2.46*	
		For >500, Deduct	*-2.96*	
05 05 23 00-0213	EA	5/8" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	13.31	
		For >100 To 250, Deduct	*-2.01*	
		For >250 To 500, Deduct	*-2.52*	
		For >500, Deduct	*-3.02*	
05 05 23 00-0214	EA	5/8" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	13.92	
		For >100 To 250, Deduct	*-2.01*	
		For >250 To 500, Deduct	*-2.52*	
		For >500, Deduct	*-3.02*	
05 05 23 00-0215	EA	5/8" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	14.40	
		For >100 To 250, Deduct	*-2.01*	
		For >250 To 500, Deduct	*-2.52*	
		For >500, Deduct	*-3.02*	
05 05 23 00-0216	EA	5/8" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	14.80	
		For >100 To 250, Deduct	*-2.05*	
		For >250 To 500, Deduct	*-2.57*	
		For >500, Deduct	*-3.08*	
05 05 23 00-0217	EA	5/8" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	14.86	
		For >100 To 250, Deduct	*-2.05*	
		For >250 To 500, Deduct	*-2.57*	
		For >500, Deduct	*-3.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0218	EA	5/8" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	15.67	
		For >100 To 250, Deduct	*-2.05*	
		For >250 To 500, Deduct	*-2.57*	
		For >500, Deduct	*-3.08*	
05 05 23 00-0219	EA	5/8" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	16.35	
		For >100 To 250, Deduct	*-2.10*	
		For >250 To 500, Deduct	*-2.62*	
		For >500, Deduct	*-3.15*	
05 05 23 00-0220	EA	5/8" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	16.99	
		For >100 To 250, Deduct	*-2.10*	
		For >250 To 500, Deduct	*-2.62*	
		For >500, Deduct	*-3.15*	
05 05 23 00-0221	EA	5/8" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	17.74	
		For >100 To 250, Deduct	*-2.10*	
		For >250 To 500, Deduct	*-2.62*	
		For >500, Deduct	*-3.15*	
05 05 23 00-0222	EA	5/8" Diameter x 8-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	18.76	
		For >100 To 250, Deduct	*-2.14*	
		For >250 To 500, Deduct	*-2.68*	
		For >500, Deduct	*-3.21*	
05 05 23 00-0223	EA	5/8" Diameter x 9" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	19.49	
		For >100 To 250, Deduct	*-2.14*	
		For >250 To 500, Deduct	*-2.68*	
		For >500, Deduct	*-3.21*	
05 05 23 00-0224	EA	5/8" Diameter x 9-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	20.24	
		For >100 To 250, Deduct	*-2.14*	
		For >250 To 500, Deduct	*-2.68*	
		For >500, Deduct	*-3.21*	
05 05 23 00-0225	EA	5/8" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	20.82	
		For >100 To 250, Deduct	*-2.14*	
		For >250 To 500, Deduct	*-2.68*	
		For >500, Deduct	*-3.21*	

05 05 23 00-0226 3/4" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0098)*

05 05 23 00-0227	EA	3/4" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	11.54	
		For >100 To 250, Deduct	*-1.93*	
		For >250 To 500, Deduct	*-2.41*	
		For >500, Deduct	*-2.89*	
05 05 23 00-0228	EA	3/4" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	11.87	
		For >100 To 250, Deduct	*-1.93*	
		For >250 To 500, Deduct	*-2.41*	
		For >500, Deduct	*-2.89*	
05 05 23 00-0229	EA	3/4" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	12.18	
		For >100 To 250, Deduct	*-1.93*	
		For >250 To 500, Deduct	*-2.41*	
		For >500, Deduct	*-2.89*	
05 05 23 00-0230	EA	3/4" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	12.78	
		For >100 To 250, Deduct	*-1.97*	
		For >250 To 500, Deduct	*-2.46*	
		For >500, Deduct	*-2.96*	
05 05 23 00-0231	EA	3/4" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	13.25	
		For >100 To 250, Deduct	*-1.97*	
		For >250 To 500, Deduct	*-2.46*	
		For >500, Deduct	*-2.96*	
05 05 23 00-0232	EA	3/4" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	13.67	
		For >100 To 250, Deduct	*-1.97*	
		For >250 To 500, Deduct	*-2.46*	
		For >500, Deduct	*-2.96*	
05 05 23 00-0233	EA	3/4" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	14.33	
		For >100 To 250, Deduct	*-2.01*	
		For >250 To 500, Deduct	*-2.52*	
		For >500, Deduct	*-3.02*	
05 05 23 00-0234	EA	3/4" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	14.91	
		For >100 To 250, Deduct	*-2.01*	
		For >250 To 500, Deduct	*-2.52*	
		For >500, Deduct	*-3.02*	
05 05 23 00-0235	EA	3/4" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	15.37	
		For >100 To 250, Deduct	*-2.01*	
		For >250 To 500, Deduct	*-2.52*	
		For >500, Deduct	*-3.02*	
05 05 23 00-0236	EA	3/4" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	16.53	
		For >100 To 250, Deduct	*-2.05*	
		For >250 To 500, Deduct	*-2.57*	
		For >500, Deduct	*-3.08*	
05 05 23 00-0237	EA	3/4" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	16.91	
		For >100 To 250, Deduct	*-2.05*	
		For >250 To 500, Deduct	*-2.57*	
		For >500, Deduct	*-3.08*	
05 05 23 00-0238	EA	3/4" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	17.63	
		For >100 To 250, Deduct	*-2.05*	
		For >250 To 500, Deduct	*-2.57*	
		For >500, Deduct	*-3.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0239	EA	3/4" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	17.89	
		For >100 To 250, Deduct	*-2.10*	
		For >250 To 500, Deduct	*-2.62*	
		For >500, Deduct	*-3.15*	
05 05 23 00-0240	EA	3/4" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	19.57	
		For >100 To 250, Deduct	*-2.10*	
		For >250 To 500, Deduct	*-2.62*	
		For >500, Deduct	*-3.15*	
05 05 23 00-0241	EA	3/4" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	20.35	
		For >100 To 250, Deduct	*-2.10*	
		For >250 To 500, Deduct	*-2.62*	
		For >500, Deduct	*-3.15*	
05 05 23 00-0242	EA	3/4" Diameter x 8-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	21.58	
		For >100 To 250, Deduct	*-2.14*	
		For >250 To 500, Deduct	*-2.68*	
		For >500, Deduct	*-3.21*	
05 05 23 00-0243	EA	3/4" Diameter x 9" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	22.36	
		For >100 To 250, Deduct	*-2.14*	
		For >250 To 500, Deduct	*-2.68*	
		For >500, Deduct	*-3.21*	
05 05 23 00-0244	EA	3/4" Diameter x 9-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	23.40	
		For >100 To 250, Deduct	*-2.14*	
		For >250 To 500, Deduct	*-2.68*	
		For >500, Deduct	*-3.21*	
05 05 23 00-0245	EA	3/4" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	24.41	
		For >100 To 250, Deduct	*-2.14*	
		For >250 To 500, Deduct	*-2.68*	
		For >500, Deduct	*-3.21*	
05 05 23 00-0246		7/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0098)*		
05 05 23 00-0247	EA	7/8" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	14.36	
		For >100 To 250, Deduct	*-2.14*	
		For >250 To 500, Deduct	*-2.68*	
		For >500, Deduct	*-3.21*	
05 05 23 00-0248	EA	7/8" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	14.64	
		For >100 To 250, Deduct	*-2.14*	
		For >250 To 500, Deduct	*-2.68*	
		For >500, Deduct	*-3.21*	
05 05 23 00-0249	EA	7/8" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	14.78	
		For >100 To 250, Deduct	*-2.14*	
		For >250 To 500, Deduct	*-2.68*	
		For >500, Deduct	*-3.21*	
05 05 23 00-0250	EA	7/8" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	15.38	
		For >100 To 250, Deduct	*-2.18*	
		For >250 To 500, Deduct	*-2.73*	
		For >500, Deduct	*-3.28*	
05 05 23 00-0251	EA	7/8" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	16.14	
		For >100 To 250, Deduct	*-2.18*	
		For >250 To 500, Deduct	*-2.73*	
		For >500, Deduct	*-3.28*	
05 05 23 00-0252	EA	7/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	17.03	
		For >100 To 250, Deduct	*-2.18*	
		For >250 To 500, Deduct	*-2.73*	
		For >500, Deduct	*-3.28*	
05 05 23 00-0253	EA	7/8" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	17.98	
		For >100 To 250, Deduct	*-2.23*	
		For >250 To 500, Deduct	*-2.78*	
		For >500, Deduct	*-3.34*	
05 05 23 00-0254	EA	7/8" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	19.28	
		For >100 To 250, Deduct	*-2.23*	
		For >250 To 500, Deduct	*-2.78*	
		For >500, Deduct	*-3.34*	
05 05 23 00-0255	EA	7/8" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	20.00	
		For >100 To 250, Deduct	*-2.23*	
		For >250 To 500, Deduct	*-2.78*	
		For >500, Deduct	*-3.34*	
05 05 23 00-0256	EA	7/8" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	20.78	
		For >100 To 250, Deduct	*-2.27*	
		For >250 To 500, Deduct	*-2.84*	
		For >500, Deduct	*-3.41*	
05 05 23 00-0257	EA	7/8" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	21.21	
		For >100 To 250, Deduct	*-2.27*	
		For >250 To 500, Deduct	*-2.84*	
		For >500, Deduct	*-3.41*	
05 05 23 00-0258	EA	7/8" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	22.23	
		For >100 To 250, Deduct	*-2.27*	
		For >250 To 500, Deduct	*-2.84*	
		For >500, Deduct	*-3.41*	
05 05 23 00-0259	EA	7/8" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	23.47	
		For >100 To 250, Deduct	*-2.31*	
		For >250 To 500, Deduct	*-2.89*	
		For >500, Deduct	*-3.47*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0260	EA	7/8" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	24.51	
		For >100 To 250, Deduct	*-2.31*	
		For >250 To 500, Deduct	*-2.89*	
		For >500, Deduct	*-3.47*	
05 05 23 00-0261	EA	7/8" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	25.53	
		For >100 To 250, Deduct	*-2.31*	
		For >250 To 500, Deduct	*-2.89*	
		For >500, Deduct	*-3.47*	
05 05 23 00-0262	EA	7/8" Diameter x 8-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	26.70	
		For >100 To 250, Deduct	*-2.35*	
		For >250 To 500, Deduct	*-2.94*	
		For >500, Deduct	*-3.53*	
05 05 23 00-0263	EA	7/8" Diameter x 9" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	27.78	
		For >100 To 250, Deduct	*-2.35*	
		For >250 To 500, Deduct	*-2.94*	
		For >500, Deduct	*-3.53*	
05 05 23 00-0264	EA	7/8" Diameter x 9-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	28.78	
		For >100 To 250, Deduct	*-2.35*	
		For >250 To 500, Deduct	*-2.94*	
		For >500, Deduct	*-3.53*	
05 05 23 00-0265	EA	7/8" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	29.84	
		For >100 To 250, Deduct	*-2.35*	
		For >250 To 500, Deduct	*-2.94*	
		For >500, Deduct	*-3.53*	

05 05 23 00-0266 1" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0098)*

05 05 23 00-0267	EA	1" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	15.62	
		For >100 To 250, Deduct	*-2.14*	
		For >250 To 500, Deduct	*-2.68*	
		For >500, Deduct	*-3.21*	
05 05 23 00-0268	EA	1" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	17.49	
		For >100 To 250, Deduct	*-2.14*	
		For >250 To 500, Deduct	*-2.68*	
		For >500, Deduct	*-3.21*	
05 05 23 00-0269	EA	1" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	18.89	
		For >100 To 250, Deduct	*-2.18*	
		For >250 To 500, Deduct	*-2.73*	
		For >500, Deduct	*-3.28*	
05 05 23 00-0270	EA	1" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	20.37	
		For >100 To 250, Deduct	*-2.18*	
		For >250 To 500, Deduct	*-2.73*	
		For >500, Deduct	*-3.28*	
05 05 23 00-0271	EA	1" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	21.71	
		For >100 To 250, Deduct	*-2.18*	
		For >250 To 500, Deduct	*-2.73*	
		For >500, Deduct	*-3.28*	
05 05 23 00-0272	EA	1" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	23.31	
		For >100 To 250, Deduct	*-2.23*	
		For >250 To 500, Deduct	*-2.78*	
		For >500, Deduct	*-3.34*	
05 05 23 00-0273	EA	1" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	24.61	
		For >100 To 250, Deduct	*-2.23*	
		For >250 To 500, Deduct	*-2.78*	
		For >500, Deduct	*-3.34*	
05 05 23 00-0274	EA	1" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	25.95	
		For >100 To 250, Deduct	*-2.23*	
		For >250 To 500, Deduct	*-2.78*	
		For >500, Deduct	*-3.34*	
05 05 23 00-0275	EA	1" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	26.84	
		For >100 To 250, Deduct	*-2.27*	
		For >250 To 500, Deduct	*-2.84*	
		For >500, Deduct	*-3.41*	
05 05 23 00-0276	EA	1" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	27.49	
		For >100 To 250, Deduct	*-2.27*	
		For >250 To 500, Deduct	*-2.84*	
		For >500, Deduct	*-3.41*	
05 05 23 00-0277	EA	1" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	28.62	
		For >100 To 250, Deduct	*-2.27*	
		For >250 To 500, Deduct	*-2.84*	
		For >500, Deduct	*-3.41*	
05 05 23 00-0278	EA	1" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	29.95	
		For >100 To 250, Deduct	*-2.31*	
		For >250 To 500, Deduct	*-2.89*	
		For >500, Deduct	*-3.47*	
05 05 23 00-0279	EA	1" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	31.07	
		For >100 To 250, Deduct	*-2.31*	
		For >250 To 500, Deduct	*-2.89*	
		For >500, Deduct	*-3.47*	
05 05 23 00-0280	EA	1" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	32.23	
		For >100 To 250, Deduct	*-2.31*	
		For >250 To 500, Deduct	*-2.89*	
		For >500, Deduct	*-3.47*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0281	EA	1" Diameter x 8-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	33.37	
		For >100 To 250, Deduct	*-2.35*	
		For >250 To 500, Deduct	*-2.94*	
		For >500, Deduct	*-3.53*	
05 05 23 00-0282	EA	1" Diameter x 9" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	34.68	
		For >100 To 250, Deduct	*-2.35*	
		For >250 To 500, Deduct	*-2.94*	
		For >500, Deduct	*-3.53*	
05 05 23 00-0283	EA	1" Diameter x 9-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	35.84	
		For >100 To 250, Deduct	*-2.35*	
		For >250 To 500, Deduct	*-2.94*	
		For >500, Deduct	*-3.53*	
05 05 23 00-0284	EA	1" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	37.02	
		For >100 To 250, Deduct	*-2.35*	
		For >250 To 500, Deduct	*-2.94*	
		For >500, Deduct	*-3.53*	

05 05 23 00-0285 Zinc Plated Steel, Grade 5, Hex Head Bolts *(05 05 23 00-0097)*

05 05 23 00-0286 1/4" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts *(05 05 23 00-0285)*

05 05 23 00-0287	EA	1/4" Diameter x 1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.69	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.88*	
		For >500, Deduct	*-2.25*	
05 05 23 00-0288	EA	1/4" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.75	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.88*	
		For >500, Deduct	*-2.25*	
05 05 23 00-0289	EA	1/4" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.80	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.88*	
		For >500, Deduct	*-2.25*	
05 05 23 00-0290	EA	1/4" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.90	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.88*	
		For >500, Deduct	*-2.25*	
05 05 23 00-0291	EA	1/4" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.21	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.93*	
		For >500, Deduct	*-2.31*	
05 05 23 00-0292	EA	1/4" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.39	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.93*	
		For >500, Deduct	*-2.31*	
05 05 23 00-0293	EA	1/4" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.58	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.93*	
		For >500, Deduct	*-2.31*	
05 05 23 00-0294	EA	1/4" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.94	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.38*	
05 05 23 00-0295	EA	1/4" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.18	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.38*	
05 05 23 00-0296	EA	1/4" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.34	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.38*	
05 05 23 00-0297	EA	1/4" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.73	
		For >100 To 250, Deduct	*-1.63*	
		For >250 To 500, Deduct	*-2.04*	
		For >500, Deduct	*-2.44*	
05 05 23 00-0298	EA	1/4" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.88	
		For >100 To 250, Deduct	*-1.63*	
		For >250 To 500, Deduct	*-2.04*	
		For >500, Deduct	*-2.44*	
05 05 23 00-0299	EA	1/4" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.03	
		For >100 To 250, Deduct	*-1.63*	
		For >250 To 500, Deduct	*-2.04*	
		For >500, Deduct	*-2.44*	
05 05 23 00-0300	EA	1/4" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.44	
		For >100 To 250, Deduct	*-1.67*	
		For >250 To 500, Deduct	*-2.09*	
		For >500, Deduct	*-2.51*	
05 05 23 00-0301	EA	1/4" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.66	
		For >100 To 250, Deduct	*-1.67*	
		For >250 To 500, Deduct	*-2.09*	
		For >500, Deduct	*-2.51*	
05 05 23 00-0302	EA	1/4" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.87	
		For >100 To 250, Deduct	*-1.67*	
		For >250 To 500, Deduct	*-2.09*	
		For >500, Deduct	*-2.51*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

05 05 23 00-0303 5/16" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts *(05 05 23 00-0285)*

05 05 23 00-0304	EA	5/16" Diameter x 1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.81	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.88*	
		For >500, Deduct	*-2.25*	
05 05 23 00-0305	EA	5/16" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.85	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.88*	
		For >500, Deduct	*-2.25*	
05 05 23 00-0306	EA	5/16" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.92	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.88*	
		For >500, Deduct	*-2.25*	
05 05 23 00-0307	EA	5/16" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.06	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.88*	
		For >500, Deduct	*-2.25*	
05 05 23 00-0308	EA	5/16" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.37	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.93*	
		For >500, Deduct	*-2.31*	
05 05 23 00-0309	EA	5/16" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.54	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.93*	
		For >500, Deduct	*-2.31*	
05 05 23 00-0310	EA	5/16" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.83	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.93*	
		For >500, Deduct	*-2.31*	
05 05 23 00-0311	EA	5/16" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.19	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.38*	
05 05 23 00-0312	EA	5/16" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.43	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.38*	
05 05 23 00-0313	EA	5/16" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.64	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.38*	
05 05 23 00-0314	EA	5/16" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.29	
		For >100 To 250, Deduct	*-1.63*	
		For >250 To 500, Deduct	*-2.04*	
		For >500, Deduct	*-2.44*	
05 05 23 00-0315	EA	5/16" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.37	
		For >100 To 250, Deduct	*-1.63*	
		For >250 To 500, Deduct	*-2.04*	
		For >500, Deduct	*-2.44*	
05 05 23 00-0316	EA	5/16" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.66	
		For >100 To 250, Deduct	*-1.63*	
		For >250 To 500, Deduct	*-2.04*	
		For >500, Deduct	*-2.44*	
05 05 23 00-0317	EA	5/16" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	11.25	
		For >100 To 250, Deduct	*-1.67*	
		For >250 To 500, Deduct	*-2.09*	
		For >500, Deduct	*-2.51*	
05 05 23 00-0318	EA	5/16" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	11.65	
		For >100 To 250, Deduct	*-1.67*	
		For >250 To 500, Deduct	*-2.09*	
		For >500, Deduct	*-2.51*	
05 05 23 00-0319	EA	5/16" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	12.03	
		For >100 To 250, Deduct	*-1.67*	
		For >250 To 500, Deduct	*-2.09*	
		For >500, Deduct	*-2.51*	

05 05 23 00-0320 3/8" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts *(05 05 23 00-0285)*

05 05 23 00-0321	EA	3/8" Diameter x 1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.87	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.88*	
		For >500, Deduct	*-2.25*	
05 05 23 00-0322	EA	3/8" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.91	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.88*	
		For >500, Deduct	*-2.25*	
05 05 23 00-0323	EA	3/8" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.04	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.88*	
		For >500, Deduct	*-2.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0324	EA	3/8" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.18	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.88*	
		For >500, Deduct	*-2.25*	
05 05 23 00-0325	EA	3/8" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.55	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.93*	
		For >500, Deduct	*-2.31*	
05 05 23 00-0326	EA	3/8" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.71	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.93*	
		For >500, Deduct	*-2.31*	
05 05 23 00-0327	EA	3/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.97	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.93*	
		For >500, Deduct	*-2.31*	
05 05 23 00-0328	EA	3/8" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.46	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.38*	
05 05 23 00-0329	EA	3/8" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.07	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.38*	
05 05 23 00-0330	EA	3/8" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.35	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.38*	
05 05 23 00-0331	EA	3/8" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.93	
		For >100 To 250, Deduct	*-1.63*	
		For >250 To 500, Deduct	*-2.04*	
		For >500, Deduct	*-2.44*	
05 05 23 00-0332	EA	3/8" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	11.19	
		For >100 To 250, Deduct	*-1.63*	
		For >250 To 500, Deduct	*-2.04*	
		For >500, Deduct	*-2.44*	
05 05 23 00-0333	EA	3/8" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	11.65	
		For >100 To 250, Deduct	*-1.63*	
		For >250 To 500, Deduct	*-2.04*	
		For >500, Deduct	*-2.44*	
05 05 23 00-0334	EA	3/8" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	12.20	
		For >100 To 250, Deduct	*-1.67*	
		For >250 To 500, Deduct	*-2.09*	
		For >500, Deduct	*-2.51*	
05 05 23 00-0335	EA	3/8" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	12.81	
		For >100 To 250, Deduct	*-1.67*	
		For >250 To 500, Deduct	*-2.09*	
		For >500, Deduct	*-2.51*	
05 05 23 00-0336	EA	3/8" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	13.30	
		For >100 To 250, Deduct	*-1.67*	
		For >250 To 500, Deduct	*-2.09*	
		For >500, Deduct	*-2.51*	

05 05 23 00-0337 7/16" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts *(05 05 23 00-0285)*

05 05 23 00-0338	EA	7/16" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.21	
		For >100 To 250, Deduct	*-1.71*	
		For >250 To 500, Deduct	*-2.14*	
		For >500, Deduct	*-2.57*	
05 05 23 00-0339	EA	7/16" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.33	
		For >100 To 250, Deduct	*-1.71*	
		For >250 To 500, Deduct	*-2.14*	
		For >500, Deduct	*-2.57*	
05 05 23 00-0340	EA	7/16" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.65	
		For >100 To 250, Deduct	*-1.71*	
		For >250 To 500, Deduct	*-2.14*	
		For >500, Deduct	*-2.57*	
05 05 23 00-0341	EA	7/16" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.10	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	
05 05 23 00-0342	EA	7/16" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.33	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	
05 05 23 00-0343	EA	7/16" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.54	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	
05 05 23 00-0344	EA	7/16" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	11.04	
		For >100 To 250, Deduct	*-1.80*	
		For >250 To 500, Deduct	*-2.25*	
		For >500, Deduct	*-2.70*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0345	EA	7/16" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	12.24	
		For >100 To 250, Deduct	*-1.80*	
		For >250 To 500, Deduct	*-2.25*	
		For >500, Deduct	*-2.70*	
05 05 23 00-0346	EA	7/16" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	12.78	
		For >100 To 250, Deduct	*-1.80*	
		For >250 To 500, Deduct	*-2.25*	
		For >500, Deduct	*-2.70*	
05 05 23 00-0347	EA	7/16" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	13.16	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.30*	
		For >500, Deduct	*-2.76*	
05 05 23 00-0348	EA	7/16" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	13.41	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.30*	
		For >500, Deduct	*-2.76*	
05 05 23 00-0349	EA	7/16" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	13.67	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.30*	
		For >500, Deduct	*-2.76*	
05 05 23 00-0350	EA	7/16" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	14.23	
		For >100 To 250, Deduct	*-1.88*	
		For >250 To 500, Deduct	*-2.36*	
		For >500, Deduct	*-2.83*	
05 05 23 00-0351	EA	7/16" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	14.58	
		For >100 To 250, Deduct	*-1.88*	
		For >250 To 500, Deduct	*-2.36*	
		For >500, Deduct	*-2.83*	
05 05 23 00-0352	EA	7/16" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	14.93	
		For >100 To 250, Deduct	*-1.88*	
		For >250 To 500, Deduct	*-2.36*	
		For >500, Deduct	*-2.83*	

05 05 23 00-0353 1/2" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts *(05 05 23 00-0285)*

05 05 23 00-0354	EA	1/2" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.37	
		For >100 To 250, Deduct	*-1.71*	
		For >250 To 500, Deduct	*-2.14*	
		For >500, Deduct	*-2.57*	
05 05 23 00-0355	EA	1/2" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.54	
		For >100 To 250, Deduct	*-1.71*	
		For >250 To 500, Deduct	*-2.14*	
		For >500, Deduct	*-2.57*	
05 05 23 00-0356	EA	1/2" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.72	
		For >100 To 250, Deduct	*-1.71*	
		For >250 To 500, Deduct	*-2.14*	
		For >500, Deduct	*-2.57*	
05 05 23 00-0357	EA	1/2" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.22	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	
05 05 23 00-0358	EA	1/2" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.49	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	
05 05 23 00-0359	EA	1/2" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.79	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	
05 05 23 00-0360	EA	1/2" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	11.26	
		For >100 To 250, Deduct	*-1.80*	
		For >250 To 500, Deduct	*-2.25*	
		For >500, Deduct	*-2.70*	
05 05 23 00-0361	EA	1/2" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	12.21	
		For >100 To 250, Deduct	*-1.80*	
		For >250 To 500, Deduct	*-2.25*	
		For >500, Deduct	*-2.70*	
05 05 23 00-0362	EA	1/2" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	12.27	
		For >100 To 250, Deduct	*-1.80*	
		For >250 To 500, Deduct	*-2.25*	
		For >500, Deduct	*-2.70*	
05 05 23 00-0363	EA	1/2" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	13.13	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.30*	
		For >500, Deduct	*-2.76*	
05 05 23 00-0364	EA	1/2" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	13.50	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.30*	
		For >500, Deduct	*-2.76*	
05 05 23 00-0365	EA	1/2" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	14.45	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.30*	
		For >500, Deduct	*-2.76*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0366	EA	1/2" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	15.51	
		For >100 To 250, Deduct	*-1.88*	
		For >250 To 500, Deduct	*-2.36*	
		For >500, Deduct	*-2.83*	
05 05 23 00-0367	EA	1/2" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	16.05	
		For >100 To 250, Deduct	*-1.88*	
		For >250 To 500, Deduct	*-2.36*	
		For >500, Deduct	*-2.83*	
05 05 23 00-0368	EA	1/2" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	16.24	
		For >100 To 250, Deduct	*-1.88*	
		For >250 To 500, Deduct	*-2.36*	
		For >500, Deduct	*-2.83*	
05 05 23 00-0369	EA	1/2" Diameter x 8-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	17.43	
		For >100 To 250, Deduct	*-1.93*	
		For >250 To 500, Deduct	*-2.41*	
		For >500, Deduct	*-2.89*	
05 05 23 00-0370	EA	1/2" Diameter x 9" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	18.36	
		For >100 To 250, Deduct	*-1.93*	
		For >250 To 500, Deduct	*-2.41*	
		For >500, Deduct	*-2.89*	
05 05 23 00-0371	EA	1/2" Diameter x 9-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	19.67	
		For >100 To 250, Deduct	*-1.93*	
		For >250 To 500, Deduct	*-2.41*	
		For >500, Deduct	*-2.89*	
05 05 23 00-0372	EA	1/2" Diameter x 10" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	20.18	
		For >100 To 250, Deduct	*-1.93*	
		For >250 To 500, Deduct	*-2.41*	
		For >500, Deduct	*-2.89*	

05 05 23 00-0373 9/16" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts *(05 05 23 00-0285)*

05 05 23 00-0374	EA	9/16" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.89	
		For >100 To 250, Deduct	*-1.71*	
		For >250 To 500, Deduct	*-2.14*	
		For >500, Deduct	*-2.57*	
05 05 23 00-0375	EA	9/16" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.19	
		For >100 To 250, Deduct	*-1.71*	
		For >250 To 500, Deduct	*-2.14*	
		For >500, Deduct	*-2.57*	
05 05 23 00-0376	EA	9/16" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.47	
		For >100 To 250, Deduct	*-1.71*	
		For >250 To 500, Deduct	*-2.14*	
		For >500, Deduct	*-2.57*	
05 05 23 00-0377	EA	9/16" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.98	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	
05 05 23 00-0378	EA	9/16" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	11.37	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	
05 05 23 00-0379	EA	9/16" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	11.79	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	
05 05 23 00-0380	EA	9/16" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	12.50	
		For >100 To 250, Deduct	*-1.80*	
		For >250 To 500, Deduct	*-2.25*	
		For >500, Deduct	*-2.70*	
05 05 23 00-0381	EA	9/16" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	14.15	
		For >100 To 250, Deduct	*-1.80*	
		For >250 To 500, Deduct	*-2.25*	
		For >500, Deduct	*-2.70*	
05 05 23 00-0382	EA	9/16" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	14.58	
		For >100 To 250, Deduct	*-1.80*	
		For >250 To 500, Deduct	*-2.25*	
		For >500, Deduct	*-2.70*	
05 05 23 00-0383	EA	9/16" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	15.27	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.30*	
		For >500, Deduct	*-2.76*	
05 05 23 00-0384	EA	9/16" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	15.73	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.30*	
		For >500, Deduct	*-2.76*	
05 05 23 00-0385	EA	9/16" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	17.25	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.30*	
		For >500, Deduct	*-2.76*	
05 05 23 00-0386	EA	9/16" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	19.34	
		For >100 To 250, Deduct	*-1.88*	
		For >250 To 500, Deduct	*-2.36*	
		For >500, Deduct	*-2.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0387	EA	9/16" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	19.97	
		For >100 To 250, Deduct	*-1.88*	
		For >250 To 500, Deduct	*-2.36*	
		For >500, Deduct	*-2.83*	
05 05 23 00-0388	EA	9/16" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	21.02	
		For >100 To 250, Deduct	*-1.88*	
		For >250 To 500, Deduct	*-2.36*	
		For >500, Deduct	*-2.83*	
05 05 23 00-0389	EA	9/16" Diameter x 8-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	22.22	
		For >100 To 250, Deduct	*-1.93*	
		For >250 To 500, Deduct	*-2.41*	
		For >500, Deduct	*-2.89*	
05 05 23 00-0390	EA	9/16" Diameter x 9" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	22.61	
		For >100 To 250, Deduct	*-1.93*	
		For >250 To 500, Deduct	*-2.41*	
		For >500, Deduct	*-2.89*	
05 05 23 00-0391	EA	9/16" Diameter x 9-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	22.99	
		For >100 To 250, Deduct	*-1.93*	
		For >250 To 500, Deduct	*-2.41*	
		For >500, Deduct	*-2.89*	
05 05 23 00-0392	EA	9/16" Diameter x 10" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	23.93	
		For >100 To 250, Deduct	*-1.93*	
		For >250 To 500, Deduct	*-2.41*	
		For >500, Deduct	*-2.89*	

05 05 23 00-0393 5/8" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts *(05 05 23 00-0285)*

05 05 23 00-0394	EA	5/8" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	11.28	
		For >100 To 250, Deduct	*-1.93*	
		For >250 To 500, Deduct	*-2.41*	
		For >500, Deduct	*-2.89*	
05 05 23 00-0395	EA	5/8" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	11.39	
		For >100 To 250, Deduct	*-1.93*	
		For >250 To 500, Deduct	*-2.41*	
		For >500, Deduct	*-2.89*	
05 05 23 00-0396	EA	5/8" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	11.48	
		For >100 To 250, Deduct	*-1.93*	
		For >250 To 500, Deduct	*-2.41*	
		For >500, Deduct	*-2.89*	
05 05 23 00-0397	EA	5/8" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	11.99	
		For >100 To 250, Deduct	*-1.97*	
		For >250 To 500, Deduct	*-2.46*	
		For >500, Deduct	*-2.96*	
05 05 23 00-0398	EA	5/8" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	12.49	
		For >100 To 250, Deduct	*-1.97*	
		For >250 To 500, Deduct	*-2.46*	
		For >500, Deduct	*-2.96*	
05 05 23 00-0399	EA	5/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	12.95	
		For >100 To 250, Deduct	*-1.97*	
		For >250 To 500, Deduct	*-2.46*	
		For >500, Deduct	*-2.96*	
05 05 23 00-0400	EA	5/8" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	13.63	
		For >100 To 250, Deduct	*-2.01*	
		For >250 To 500, Deduct	*-2.52*	
		For >500, Deduct	*-3.02*	
05 05 23 00-0401	EA	5/8" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	14.52	
		For >100 To 250, Deduct	*-2.01*	
		For >250 To 500, Deduct	*-2.52*	
		For >500, Deduct	*-3.02*	
05 05 23 00-0402	EA	5/8" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	14.99	
		For >100 To 250, Deduct	*-2.01*	
		For >250 To 500, Deduct	*-2.52*	
		For >500, Deduct	*-3.02*	
05 05 23 00-0403	EA	5/8" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	15.45	
		For >100 To 250, Deduct	*-2.05*	
		For >250 To 500, Deduct	*-2.57*	
		For >500, Deduct	*-3.08*	
05 05 23 00-0404	EA	5/8" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	16.21	
		For >100 To 250, Deduct	*-2.05*	
		For >250 To 500, Deduct	*-2.57*	
		For >500, Deduct	*-3.08*	
05 05 23 00-0405	EA	5/8" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	17.41	
		For >100 To 250, Deduct	*-2.05*	
		For >250 To 500, Deduct	*-2.57*	
		For >500, Deduct	*-3.08*	
05 05 23 00-0406	EA	5/8" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	18.73	
		For >100 To 250, Deduct	*-2.10*	
		For >250 To 500, Deduct	*-2.62*	
		For >500, Deduct	*-3.15*	
05 05 23 00-0407	EA	5/8" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	19.73	
		For >100 To 250, Deduct	*-2.10*	
		For >250 To 500, Deduct	*-2.62*	
		For >500, Deduct	*-3.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0408	EA	5/8" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	19.88	
		For >100 To 250, Deduct	*-2.10*	
		For >250 To 500, Deduct	*-2.62*	
		For >500, Deduct	*-3.15*	
05 05 23 00-0409	EA	5/8" Diameter x 8-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	21.89	
		For >100 To 250, Deduct	*-2.14*	
		For >250 To 500, Deduct	*-2.68*	
		For >500, Deduct	*-3.21*	
05 05 23 00-0410	EA	5/8" Diameter x 9" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	23.23	
		For >100 To 250, Deduct	*-2.14*	
		For >250 To 500, Deduct	*-2.68*	
		For >500, Deduct	*-3.21*	
05 05 23 00-0411	EA	5/8" Diameter x 9-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	25.20	
		For >100 To 250, Deduct	*-2.14*	
		For >250 To 500, Deduct	*-2.68*	
		For >500, Deduct	*-3.21*	
05 05 23 00-0412	EA	5/8" Diameter x 10" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	25.89	
		For >100 To 250, Deduct	*-2.14*	
		For >250 To 500, Deduct	*-2.68*	
		For >500, Deduct	*-3.21*	

05 05 23 00-0413 3/4" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts *(05 05 23 00-0285)*

05 05 23 00-0414	EA	3/4" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	12.41	
		For >100 To 250, Deduct	*-1.93*	
		For >250 To 500, Deduct	*-2.41*	
		For >500, Deduct	*-2.89*	
05 05 23 00-0415	EA	3/4" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	12.61	
		For >100 To 250, Deduct	*-1.93*	
		For >250 To 500, Deduct	*-2.41*	
		For >500, Deduct	*-2.89*	
05 05 23 00-0416	EA	3/4" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	12.71	
		For >100 To 250, Deduct	*-1.93*	
		For >250 To 500, Deduct	*-2.41*	
		For >500, Deduct	*-2.89*	
05 05 23 00-0417	EA	3/4" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	13.36	
		For >100 To 250, Deduct	*-1.97*	
		For >250 To 500, Deduct	*-2.46*	
		For >500, Deduct	*-2.96*	
05 05 23 00-0418	EA	3/4" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	13.86	
		For >100 To 250, Deduct	*-1.97*	
		For >250 To 500, Deduct	*-2.46*	
		For >500, Deduct	*-2.96*	
05 05 23 00-0419	EA	3/4" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	14.63	
		For >100 To 250, Deduct	*-1.97*	
		For >250 To 500, Deduct	*-2.46*	
		For >500, Deduct	*-2.96*	
05 05 23 00-0420	EA	3/4" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	15.36	
		For >100 To 250, Deduct	*-2.01*	
		For >250 To 500, Deduct	*-2.52*	
		For >500, Deduct	*-3.02*	
05 05 23 00-0421	EA	3/4" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	15.85	
		For >100 To 250, Deduct	*-2.01*	
		For >250 To 500, Deduct	*-2.52*	
		For >500, Deduct	*-3.02*	
05 05 23 00-0422	EA	3/4" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	16.88	
		For >100 To 250, Deduct	*-2.01*	
		For >250 To 500, Deduct	*-2.52*	
		For >500, Deduct	*-3.02*	
05 05 23 00-0423	EA	3/4" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	17.57	
		For >100 To 250, Deduct	*-2.05*	
		For >250 To 500, Deduct	*-2.57*	
		For >500, Deduct	*-3.08*	
05 05 23 00-0424	EA	3/4" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	18.42	
		For >100 To 250, Deduct	*-2.05*	
		For >250 To 500, Deduct	*-2.57*	
		For >500, Deduct	*-3.08*	
05 05 23 00-0425	EA	3/4" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	19.46	
		For >100 To 250, Deduct	*-2.05*	
		For >250 To 500, Deduct	*-2.57*	
		For >500, Deduct	*-3.08*	
05 05 23 00-0426	EA	3/4" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	21.16	
		For >100 To 250, Deduct	*-2.10*	
		For >250 To 500, Deduct	*-2.62*	
		For >500, Deduct	*-3.15*	
05 05 23 00-0427	EA	3/4" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	22.24	
		For >100 To 250, Deduct	*-2.10*	
		For >250 To 500, Deduct	*-2.62*	
		For >500, Deduct	*-3.15*	
05 05 23 00-0428	EA	3/4" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	22.86	
		For >100 To 250, Deduct	*-2.10*	
		For >250 To 500, Deduct	*-2.62*	
		For >500, Deduct	*-3.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0429	EA	3/4" Diameter x 8-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	24.68	
		For >100 To 250, Deduct	*-2.14*	
		For >250 To 500, Deduct	*-2.68*	
		For >500, Deduct	*-3.21*	
05 05 23 00-0430	EA	3/4" Diameter x 9" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	25.23	
		For >100 To 250, Deduct	*-2.14*	
		For >250 To 500, Deduct	*-2.68*	
		For >500, Deduct	*-3.21*	
05 05 23 00-0431	EA	3/4" Diameter x 9-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	27.02	
		For >100 To 250, Deduct	*-2.14*	
		For >250 To 500, Deduct	*-2.68*	
		For >500, Deduct	*-3.21*	
05 05 23 00-0432	EA	3/4" Diameter x 10" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	27.46	
		For >100 To 250, Deduct	*-2.14*	
		For >250 To 500, Deduct	*-2.68*	
		For >500, Deduct	*-3.21*	
05 05 23 00-0433		**7/8" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts** *(05 05 23 00-0285)*		
05 05 23 00-0434	EA	7/8" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	14.90	
		For >100 To 250, Deduct	*-2.14*	
		For >250 To 500, Deduct	*-2.68*	
		For >500, Deduct	*-3.21*	
05 05 23 00-0435	EA	7/8" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	15.14	
		For >100 To 250, Deduct	*-2.14*	
		For >250 To 500, Deduct	*-2.68*	
		For >500, Deduct	*-3.21*	
05 05 23 00-0436	EA	7/8" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	15.48	
		For >100 To 250, Deduct	*-2.14*	
		For >250 To 500, Deduct	*-2.68*	
		For >500, Deduct	*-3.21*	
05 05 23 00-0437	EA	7/8" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	16.03	
		For >100 To 250, Deduct	*-2.18*	
		For >250 To 500, Deduct	*-2.73*	
		For >500, Deduct	*-3.28*	
05 05 23 00-0438	EA	7/8" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	17.04	
		For >100 To 250, Deduct	*-2.18*	
		For >250 To 500, Deduct	*-2.73*	
		For >500, Deduct	*-3.28*	
05 05 23 00-0439	EA	7/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	17.71	
		For >100 To 250, Deduct	*-2.18*	
		For >250 To 500, Deduct	*-2.73*	
		For >500, Deduct	*-3.28*	
05 05 23 00-0440	EA	7/8" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	18.43	
		For >100 To 250, Deduct	*-2.23*	
		For >250 To 500, Deduct	*-2.78*	
		For >500, Deduct	*-3.34*	
05 05 23 00-0441	EA	7/8" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	19.62	
		For >100 To 250, Deduct	*-2.23*	
		For >250 To 500, Deduct	*-2.78*	
		For >500, Deduct	*-3.34*	
05 05 23 00-0442	EA	7/8" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	20.52	
		For >100 To 250, Deduct	*-2.23*	
		For >250 To 500, Deduct	*-2.78*	
		For >500, Deduct	*-3.34*	
05 05 23 00-0443	EA	7/8" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	21.17	
		For >100 To 250, Deduct	*-2.27*	
		For >250 To 500, Deduct	*-2.84*	
		For >500, Deduct	*-3.41*	
05 05 23 00-0444	EA	7/8" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	21.91	
		For >100 To 250, Deduct	*-2.27*	
		For >250 To 500, Deduct	*-2.84*	
		For >500, Deduct	*-3.41*	
05 05 23 00-0445	EA	7/8" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	25.12	
		For >100 To 250, Deduct	*-2.27*	
		For >250 To 500, Deduct	*-2.84*	
		For >500, Deduct	*-3.41*	
05 05 23 00-0446	EA	7/8" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	26.47	
		For >100 To 250, Deduct	*-2.31*	
		For >250 To 500, Deduct	*-2.89*	
		For >500, Deduct	*-3.47*	
05 05 23 00-0447	EA	7/8" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	27.88	
		For >100 To 250, Deduct	*-2.31*	
		For >250 To 500, Deduct	*-2.89*	
		For >500, Deduct	*-3.47*	
05 05 23 00-0448	EA	7/8" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	27.97	
		For >100 To 250, Deduct	*-2.31*	
		For >250 To 500, Deduct	*-2.89*	
		For >500, Deduct	*-3.47*	
05 05 23 00-0449	EA	7/8" Diameter x 8-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	30.21	
		For >100 To 250, Deduct	*-2.35*	
		For >250 To 500, Deduct	*-2.94*	
		For >500, Deduct	*-3.53*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0450	EA	7/8" Diameter x 9" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	31.58	
		For >100 To 250, Deduct	*-2.35*	
		For >250 To 500, Deduct	*-2.94*	
		For >500, Deduct	*-3.53*	
05 05 23 00-0451	EA	7/8" Diameter x 9-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	32.76	
		For >100 To 250, Deduct	*-2.35*	
		For >250 To 500, Deduct	*-2.94*	
		For >500, Deduct	*-3.53*	
05 05 23 00-0452	EA	7/8" Diameter x 10" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	33.94	
		For >100 To 250, Deduct	*-2.35*	
		For >250 To 500, Deduct	*-2.94*	
		For >500, Deduct	*-3.53*	

05 05 23 00-0453 1" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts *(05 05 23 00-0285)*

05 05 23 00-0454	EA	1" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	17.14	
		For >100 To 250, Deduct	*-2.14*	
		For >250 To 500, Deduct	*-2.68*	
		For >500, Deduct	*-3.21*	
05 05 23 00-0455	EA	1" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	17.22	
		For >100 To 250, Deduct	*-2.14*	
		For >250 To 500, Deduct	*-2.68*	
		For >500, Deduct	*-3.21*	
05 05 23 00-0456	EA	1" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	18.19	
		For >100 To 250, Deduct	*-2.18*	
		For >250 To 500, Deduct	*-2.73*	
		For >500, Deduct	*-3.28*	
05 05 23 00-0457	EA	1" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	19.16	
		For >100 To 250, Deduct	*-2.18*	
		For >250 To 500, Deduct	*-2.73*	
		For >500, Deduct	*-3.28*	
05 05 23 00-0458	EA	1" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	19.88	
		For >100 To 250, Deduct	*-2.18*	
		For >250 To 500, Deduct	*-2.73*	
		For >500, Deduct	*-3.28*	
05 05 23 00-0459	EA	1" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	21.01	
		For >100 To 250, Deduct	*-2.23*	
		For >250 To 500, Deduct	*-2.78*	
		For >500, Deduct	*-3.34*	
05 05 23 00-0460	EA	1" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	22.15	
		For >100 To 250, Deduct	*-2.23*	
		For >250 To 500, Deduct	*-2.78*	
		For >500, Deduct	*-3.34*	
05 05 23 00-0461	EA	1" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	23.82	
		For >100 To 250, Deduct	*-2.23*	
		For >250 To 500, Deduct	*-2.78*	
		For >500, Deduct	*-3.34*	
05 05 23 00-0462	EA	1" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	25.23	
		For >100 To 250, Deduct	*-2.27*	
		For >250 To 500, Deduct	*-2.84*	
		For >500, Deduct	*-3.41*	
05 05 23 00-0463	EA	1" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	25.58	
		For >100 To 250, Deduct	*-2.27*	
		For >250 To 500, Deduct	*-2.84*	
		For >500, Deduct	*-3.41*	
05 05 23 00-0464	EA	1" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	27.90	
		For >100 To 250, Deduct	*-2.27*	
		For >250 To 500, Deduct	*-2.84*	
		For >500, Deduct	*-3.41*	
05 05 23 00-0465	EA	1" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	29.60	
		For >100 To 250, Deduct	*-2.31*	
		For >250 To 500, Deduct	*-2.89*	
		For >500, Deduct	*-3.47*	
05 05 23 00-0466	EA	1" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	32.08	
		For >100 To 250, Deduct	*-2.31*	
		For >250 To 500, Deduct	*-2.89*	
		For >500, Deduct	*-3.47*	
05 05 23 00-0467	EA	1" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	32.78	
		For >100 To 250, Deduct	*-2.31*	
		For >250 To 500, Deduct	*-2.89*	
		For >500, Deduct	*-3.47*	
05 05 23 00-0468	EA	1" Diameter x 8-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	40.91	
		For >100 To 250, Deduct	*-2.35*	
		For >250 To 500, Deduct	*-2.94*	
		For >500, Deduct	*-3.53*	
05 05 23 00-0469	EA	1" Diameter x 9" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	41.54	
		For >100 To 250, Deduct	*-2.35*	
		For >250 To 500, Deduct	*-2.94*	
		For >500, Deduct	*-3.53*	
05 05 23 00-0470	EA	1" Diameter x 9-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	43.23	
		For >100 To 250, Deduct	*-2.35*	
		For >250 To 500, Deduct	*-2.94*	
		For >500, Deduct	*-3.53*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0471	EA	1" Diameter x 10" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	44.39	
		For >100 To 250, Deduct	*-2.35*	
		For >250 To 500, Deduct	*-2.94*	
		For >500, Deduct	*-3.53*	

05 05 23 00-0472 Zinc Plated Steel, Grade 8, Hex Head Bolts *(05 05 23 00-0097)*

05 05 23 00-0473 1/4" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts *(05 05 23 00-0472)*

05 05 23 00-0474	EA	1/4" Diameter x 1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.72	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.88*	
		For >500, Deduct	*-2.25*	
05 05 23 00-0475	EA	1/4" Diameter x 1" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.84	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.88*	
		For >500, Deduct	*-2.25*	
05 05 23 00-0476	EA	1/4" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.90	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.88*	
		For >500, Deduct	*-2.25*	
05 05 23 00-0477	EA	1/4" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.03	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.88*	
		For >500, Deduct	*-2.25*	
05 05 23 00-0478	EA	1/4" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.32	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.93*	
		For >500, Deduct	*-2.31*	
05 05 23 00-0479	EA	1/4" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.46	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.93*	
		For >500, Deduct	*-2.31*	
05 05 23 00-0480	EA	1/4" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.59	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.93*	
		For >500, Deduct	*-2.31*	
05 05 23 00-0481	EA	1/4" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.81	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.38*	
05 05 23 00-0482	EA	1/4" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.19	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.38*	
05 05 23 00-0483	EA	1/4" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.55	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.38*	
05 05 23 00-0484	EA	1/4" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.96	
		For >100 To 250, Deduct	*-1.63*	
		For >250 To 500, Deduct	*-2.04*	
		For >500, Deduct	*-2.44*	
05 05 23 00-0485	EA	1/4" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.16	
		For >100 To 250, Deduct	*-1.63*	
		For >250 To 500, Deduct	*-2.04*	
		For >500, Deduct	*-2.44*	
05 05 23 00-0486	EA	1/4" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.40	
		For >100 To 250, Deduct	*-1.63*	
		For >250 To 500, Deduct	*-2.04*	
		For >500, Deduct	*-2.44*	
05 05 23 00-0487	EA	1/4" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.78	
		For >100 To 250, Deduct	*-1.67*	
		For >250 To 500, Deduct	*-2.09*	
		For >500, Deduct	*-2.51*	
05 05 23 00-0488	EA	1/4" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	11.25	
		For >100 To 250, Deduct	*-1.67*	
		For >250 To 500, Deduct	*-2.09*	
		For >500, Deduct	*-2.51*	
05 05 23 00-0489	EA	1/4" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	11.46	
		For >100 To 250, Deduct	*-1.67*	
		For >250 To 500, Deduct	*-2.09*	
		For >500, Deduct	*-2.51*	

05 05 23 00-0490 5/16" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts *(05 05 23 00-0472)*

05 05 23 00-0491	EA	5/16" Diameter x 1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.83	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.88*	
		For >500, Deduct	*-2.25*	
05 05 23 00-0492	EA	5/16" Diameter x 1" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.90	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.88*	
		For >500, Deduct	*-2.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0493	EA	5/16" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.13	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.88*	
		For >500, Deduct	*-2.25*	
05 05 23 00-0494	EA	5/16" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.17	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.88*	
		For >500, Deduct	*-2.25*	
05 05 23 00-0495	EA	5/16" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.51	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.93*	
		For >500, Deduct	*-2.31*	
05 05 23 00-0496	EA	5/16" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.85	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.93*	
		For >500, Deduct	*-2.31*	
05 05 23 00-0497	EA	5/16" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.95	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.93*	
		For >500, Deduct	*-2.31*	
05 05 23 00-0498	EA	5/16" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.36	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.38*	
05 05 23 00-0499	EA	5/16" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.57	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.38*	
05 05 23 00-0500	EA	5/16" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.06	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.38*	
05 05 23 00-0501	EA	5/16" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.57	
		For >100 To 250, Deduct	*-1.63*	
		For >250 To 500, Deduct	*-2.04*	
		For >500, Deduct	*-2.44*	
05 05 23 00-0502	EA	5/16" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.75	
		For >100 To 250, Deduct	*-1.63*	
		For >250 To 500, Deduct	*-2.04*	
		For >500, Deduct	*-2.44*	
05 05 23 00-0503	EA	5/16" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	11.04	
		For >100 To 250, Deduct	*-1.63*	
		For >250 To 500, Deduct	*-2.04*	
		For >500, Deduct	*-2.44*	
05 05 23 00-0504	EA	5/16" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	11.45	
		For >100 To 250, Deduct	*-1.67*	
		For >250 To 500, Deduct	*-2.09*	
		For >500, Deduct	*-2.51*	
05 05 23 00-0505	EA	5/16" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	11.66	
		For >100 To 250, Deduct	*-1.67*	
		For >250 To 500, Deduct	*-2.09*	
		For >500, Deduct	*-2.51*	
05 05 23 00-0506	EA	5/16" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	12.07	
		For >100 To 250, Deduct	*-1.67*	
		For >250 To 500, Deduct	*-2.09*	
		For >500, Deduct	*-2.51*	

05 05 23 00-0507 3/8" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts *(05 05 23 00-0472)*

05 05 23 00-0508	EA	3/8" Diameter x 1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.07	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.88*	
		For >500, Deduct	*-2.25*	
05 05 23 00-0509	EA	3/8" Diameter x 1" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.10	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.88*	
		For >500, Deduct	*-2.25*	
05 05 23 00-0510	EA	3/8" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.11	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.88*	
		For >500, Deduct	*-2.25*	
05 05 23 00-0511	EA	3/8" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.38	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.88*	
		For >500, Deduct	*-2.25*	
05 05 23 00-0512	EA	3/8" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.74	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.93*	
		For >500, Deduct	*-2.31*	
05 05 23 00-0513	EA	3/8" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.01	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.93*	
		For >500, Deduct	*-2.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0514	EA	3/8" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.25	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.93*	
		For >500, Deduct	*-2.31*	
05 05 23 00-0515	EA	3/8" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.23	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.38*	
05 05 23 00-0516	EA	3/8" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.53	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.38*	
05 05 23 00-0517	EA	3/8" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.59	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.38*	
05 05 23 00-0518	EA	3/8" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.93	
		For >100 To 250, Deduct	*-1.63*	
		For >250 To 500, Deduct	*-2.04*	
		For >500, Deduct	*-2.44*	
05 05 23 00-0519	EA	3/8" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	11.27	
		For >100 To 250, Deduct	*-1.63*	
		For >250 To 500, Deduct	*-2.04*	
		For >500, Deduct	*-2.44*	
05 05 23 00-0520	EA	3/8" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	12.77	
		For >100 To 250, Deduct	*-1.63*	
		For >250 To 500, Deduct	*-2.04*	
		For >500, Deduct	*-2.44*	
05 05 23 00-0521	EA	3/8" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	13.33	
		For >100 To 250, Deduct	*-1.67*	
		For >250 To 500, Deduct	*-2.09*	
		For >500, Deduct	*-2.51*	
05 05 23 00-0522	EA	3/8" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	14.00	
		For >100 To 250, Deduct	*-1.67*	
		For >250 To 500, Deduct	*-2.09*	
		For >500, Deduct	*-2.51*	
05 05 23 00-0523	EA	3/8" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	15.57	
		For >100 To 250, Deduct	*-1.67*	
		For >250 To 500, Deduct	*-2.09*	
		For >500, Deduct	*-2.51*	

05 05 23 00-0524 7/16" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts *(05 05 23 00-0472)*

05 05 23 00-0525	EA	7/16" Diameter x 1" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.39	
		For >100 To 250, Deduct	*-1.71*	
		For >250 To 500, Deduct	*-2.14*	
		For >500, Deduct	*-2.57*	
05 05 23 00-0526	EA	7/16" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.43	
		For >100 To 250, Deduct	*-1.71*	
		For >250 To 500, Deduct	*-2.14*	
		For >500, Deduct	*-2.57*	
05 05 23 00-0527	EA	7/16" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.85	
		For >100 To 250, Deduct	*-1.71*	
		For >250 To 500, Deduct	*-2.14*	
		For >500, Deduct	*-2.57*	
05 05 23 00-0528	EA	7/16" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.10	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	
05 05 23 00-0529	EA	7/16" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.57	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	
05 05 23 00-0530	EA	7/16" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.83	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	
05 05 23 00-0531	EA	7/16" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	11.10	
		For >100 To 250, Deduct	*-1.80*	
		For >250 To 500, Deduct	*-2.25*	
		For >500, Deduct	*-2.70*	
05 05 23 00-0532	EA	7/16" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	12.15	
		For >100 To 250, Deduct	*-1.80*	
		For >250 To 500, Deduct	*-2.25*	
		For >500, Deduct	*-2.70*	
05 05 23 00-0533	EA	7/16" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	12.97	
		For >100 To 250, Deduct	*-1.80*	
		For >250 To 500, Deduct	*-2.25*	
		For >500, Deduct	*-2.70*	
05 05 23 00-0534	EA	7/16" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	13.74	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.30*	
		For >500, Deduct	*-2.76*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0535	EA	7/16" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	14.03	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.30*	
		For >500, Deduct	*-2.76*	
05 05 23 00-0536	EA	7/16" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	14.46	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.30*	
		For >500, Deduct	*-2.76*	
05 05 23 00-0537	EA	7/16" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	15.31	
		For >100 To 250, Deduct	*-1.88*	
		For >250 To 500, Deduct	*-2.36*	
		For >500, Deduct	*-2.83*	
05 05 23 00-0538	EA	7/16" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	16.70	
		For >100 To 250, Deduct	*-1.88*	
		For >250 To 500, Deduct	*-2.36*	
		For >500, Deduct	*-2.83*	
05 05 23 00-0539	EA	7/16" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	16.81	
		For >100 To 250, Deduct	*-1.88*	
		For >250 To 500, Deduct	*-2.36*	
		For >500, Deduct	*-2.83*	

05 05 23 00-0540 1/2" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts *(05 05 23 00-0472)*

05 05 23 00-0541	EA	1/2" Diameter x 1" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.66	
		For >100 To 250, Deduct	*-1.71*	
		For >250 To 500, Deduct	*-2.14*	
		For >500, Deduct	*-2.57*	
05 05 23 00-0542	EA	1/2" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.97	
		For >100 To 250, Deduct	*-1.71*	
		For >250 To 500, Deduct	*-2.14*	
		For >500, Deduct	*-2.57*	
05 05 23 00-0543	EA	1/2" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.16	
		For >100 To 250, Deduct	*-1.71*	
		For >250 To 500, Deduct	*-2.14*	
		For >500, Deduct	*-2.57*	
05 05 23 00-0544	EA	1/2" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.57	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	
05 05 23 00-0545	EA	1/2" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.91	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	
05 05 23 00-0546	EA	1/2" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	11.67	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	
05 05 23 00-0547	EA	1/2" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	12.42	
		For >100 To 250, Deduct	*-1.80*	
		For >250 To 500, Deduct	*-2.25*	
		For >500, Deduct	*-2.70*	
05 05 23 00-0548	EA	1/2" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	12.87	
		For >100 To 250, Deduct	*-1.80*	
		For >250 To 500, Deduct	*-2.25*	
		For >500, Deduct	*-2.70*	
05 05 23 00-0549	EA	1/2" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	13.19	
		For >100 To 250, Deduct	*-1.80*	
		For >250 To 500, Deduct	*-2.25*	
		For >500, Deduct	*-2.70*	
05 05 23 00-0550	EA	1/2" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	13.96	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.30*	
		For >500, Deduct	*-2.76*	
05 05 23 00-0551	EA	1/2" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	14.92	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.30*	
		For >500, Deduct	*-2.76*	
05 05 23 00-0552	EA	1/2" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	15.80	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.30*	
		For >500, Deduct	*-2.76*	
05 05 23 00-0553	EA	1/2" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	16.78	
		For >100 To 250, Deduct	*-1.88*	
		For >250 To 500, Deduct	*-2.36*	
		For >500, Deduct	*-2.83*	
05 05 23 00-0554	EA	1/2" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	17.17	
		For >100 To 250, Deduct	*-1.88*	
		For >250 To 500, Deduct	*-2.36*	
		For >500, Deduct	*-2.83*	
05 05 23 00-0555	EA	1/2" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	18.27	
		For >100 To 250, Deduct	*-1.88*	
		For >250 To 500, Deduct	*-2.36*	
		For >500, Deduct	*-2.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0556	EA	1/2" Diameter x 8-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	20.32	
		For >100 To 250, Deduct	*-1.93*	
		For >250 To 500, Deduct	*-2.41*	
		For >500, Deduct	*-2.89*	
05 05 23 00-0557	EA	1/2" Diameter x 9" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	21.11	
		For >100 To 250, Deduct	*-1.93*	
		For >250 To 500, Deduct	*-2.41*	
		For >500, Deduct	*-2.89*	
05 05 23 00-0558	EA	1/2" Diameter x 9-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	21.52	
		For >100 To 250, Deduct	*-1.93*	
		For >250 To 500, Deduct	*-2.41*	
		For >500, Deduct	*-2.89*	
05 05 23 00-0559	EA	1/2" Diameter x 10" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	23.49	
		For >100 To 250, Deduct	*-1.93*	
		For >250 To 500, Deduct	*-2.41*	
		For >500, Deduct	*-2.89*	

05 05 23 00-0560 9/16" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts *(05 05 23 00-0472)*

05 05 23 00-0561	EA	9/16" Diameter x 1" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.95	
		For >100 To 250, Deduct	*-1.71*	
		For >250 To 500, Deduct	*-2.14*	
		For >500, Deduct	*-2.57*	
05 05 23 00-0562	EA	9/16" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.13	
		For >100 To 250, Deduct	*-1.71*	
		For >250 To 500, Deduct	*-2.14*	
		For >500, Deduct	*-2.57*	
05 05 23 00-0563	EA	9/16" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.56	
		For >100 To 250, Deduct	*-1.71*	
		For >250 To 500, Deduct	*-2.14*	
		For >500, Deduct	*-2.57*	
05 05 23 00-0564	EA	9/16" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	11.40	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	
05 05 23 00-0565	EA	9/16" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	11.55	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	
05 05 23 00-0566	EA	9/16" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	12.17	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	
05 05 23 00-0567	EA	9/16" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	12.81	
		For >100 To 250, Deduct	*-1.80*	
		For >250 To 500, Deduct	*-2.25*	
		For >500, Deduct	*-2.70*	
05 05 23 00-0568	EA	9/16" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	14.85	
		For >100 To 250, Deduct	*-1.80*	
		For >250 To 500, Deduct	*-2.25*	
		For >500, Deduct	*-2.70*	
05 05 23 00-0569	EA	9/16" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	15.25	
		For >100 To 250, Deduct	*-1.80*	
		For >250 To 500, Deduct	*-2.25*	
		For >500, Deduct	*-2.70*	
05 05 23 00-0570	EA	9/16" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	15.79	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.30*	
		For >500, Deduct	*-2.76*	
05 05 23 00-0571	EA	9/16" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	16.67	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.30*	
		For >500, Deduct	*-2.76*	
05 05 23 00-0572	EA	9/16" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	20.02	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.30*	
		For >500, Deduct	*-2.76*	
05 05 23 00-0573	EA	9/16" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	24.15	
		For >100 To 250, Deduct	*-1.88*	
		For >250 To 500, Deduct	*-2.36*	
		For >500, Deduct	*-2.83*	
05 05 23 00-0574	EA	9/16" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	28.99	
		For >100 To 250, Deduct	*-1.88*	
		For >250 To 500, Deduct	*-2.36*	
		For >500, Deduct	*-2.83*	
05 05 23 00-0575	EA	9/16" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	34.26	
		For >100 To 250, Deduct	*-1.88*	
		For >250 To 500, Deduct	*-2.36*	
		For >500, Deduct	*-2.83*	

05 05 23 00-0576 5/8" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts *(05 05 23 00-0472)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0577	EA	5/8" Diameter x 1" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	11.68	
		For >100 To 250, Deduct	*-1.93*	
		For >250 To 500, Deduct	*-2.41*	
		For >500, Deduct	*-2.89*	
05 05 23 00-0578	EA	5/8" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	11.86	
		For >100 To 250, Deduct	*-1.93*	
		For >250 To 500, Deduct	*-2.41*	
		For >500, Deduct	*-2.89*	
05 05 23 00-0579	EA	5/8" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	12.33	
		For >100 To 250, Deduct	*-1.93*	
		For >250 To 500, Deduct	*-2.41*	
		For >500, Deduct	*-2.89*	
05 05 23 00-0580	EA	5/8" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	13.24	
		For >100 To 250, Deduct	*-1.97*	
		For >250 To 500, Deduct	*-2.46*	
		For >500, Deduct	*-2.96*	
05 05 23 00-0581	EA	5/8" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	13.80	
		For >100 To 250, Deduct	*-1.97*	
		For >250 To 500, Deduct	*-2.46*	
		For >500, Deduct	*-2.96*	
05 05 23 00-0582	EA	5/8" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	14.11	
		For >100 To 250, Deduct	*-1.97*	
		For >250 To 500, Deduct	*-2.46*	
		For >500, Deduct	*-2.96*	
05 05 23 00-0583	EA	5/8" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	14.53	
		For >100 To 250, Deduct	*-2.01*	
		For >250 To 500, Deduct	*-2.52*	
		For >500, Deduct	*-3.02*	
05 05 23 00-0584	EA	5/8" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	15.54	
		For >100 To 250, Deduct	*-2.01*	
		For >250 To 500, Deduct	*-2.52*	
		For >500, Deduct	*-3.02*	
05 05 23 00-0585	EA	5/8" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	15.98	
		For >100 To 250, Deduct	*-2.01*	
		For >250 To 500, Deduct	*-2.52*	
		For >500, Deduct	*-3.02*	
05 05 23 00-0586	EA	5/8" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	16.67	
		For >100 To 250, Deduct	*-2.05*	
		For >250 To 500, Deduct	*-2.57*	
		For >500, Deduct	*-3.08*	
05 05 23 00-0587	EA	5/8" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	17.14	
		For >100 To 250, Deduct	*-2.05*	
		For >250 To 500, Deduct	*-2.57*	
		For >500, Deduct	*-3.08*	
05 05 23 00-0588	EA	5/8" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	18.13	
		For >100 To 250, Deduct	*-2.05*	
		For >250 To 500, Deduct	*-2.57*	
		For >500, Deduct	*-3.08*	
05 05 23 00-0589	EA	5/8" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	20.70	
		For >100 To 250, Deduct	*-2.10*	
		For >250 To 500, Deduct	*-2.62*	
		For >500, Deduct	*-3.15*	
05 05 23 00-0590	EA	5/8" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	21.83	
		For >100 To 250, Deduct	*-2.10*	
		For >250 To 500, Deduct	*-2.62*	
		For >500, Deduct	*-3.15*	
05 05 23 00-0591	EA	5/8" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	22.31	
		For >100 To 250, Deduct	*-2.10*	
		For >250 To 500, Deduct	*-2.62*	
		For >500, Deduct	*-3.15*	
05 05 23 00-0592	EA	5/8" Diameter x 8-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	24.52	
		For >100 To 250, Deduct	*-2.14*	
		For >250 To 500, Deduct	*-2.68*	
		For >500, Deduct	*-3.21*	
05 05 23 00-0593	EA	5/8" Diameter x 9" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	26.73	
		For >100 To 250, Deduct	*-2.14*	
		For >250 To 500, Deduct	*-2.68*	
		For >500, Deduct	*-3.21*	
05 05 23 00-0594	EA	5/8" Diameter x 9-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	26.90	
		For >100 To 250, Deduct	*-2.14*	
		For >250 To 500, Deduct	*-2.68*	
		For >500, Deduct	*-3.21*	
05 05 23 00-0595	EA	5/8" Diameter x 10" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	28.96	
		For >100 To 250, Deduct	*-2.14*	
		For >250 To 500, Deduct	*-2.68*	
		For >500, Deduct	*-3.21*	

05 05 23 00-0596 3/4" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts *(05 05 23 00-0472)*

05 05 23 00-0597	EA	3/4" Diameter x 1" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	12.73	
		For >100 To 250, Deduct	*-1.93*	
		For >250 To 500, Deduct	*-2.41*	
		For >500, Deduct	*-2.89*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0598	EA	3/4" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	12.93	
		For >100 To 250, Deduct	*-1.93*	
		For >250 To 500, Deduct	*-2.41*	
		For >500, Deduct	*-2.89*	
05 05 23 00-0599	EA	3/4" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	13.06	
		For >100 To 250, Deduct	*-1.93*	
		For >250 To 500, Deduct	*-2.41*	
		For >500, Deduct	*-2.89*	
05 05 23 00-0600	EA	3/4" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	13.57	
		For >100 To 250, Deduct	*-1.97*	
		For >250 To 500, Deduct	*-2.46*	
		For >500, Deduct	*-2.96*	
05 05 23 00-0601	EA	3/4" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	13.99	
		For >100 To 250, Deduct	*-1.97*	
		For >250 To 500, Deduct	*-2.46*	
		For >500, Deduct	*-2.96*	
05 05 23 00-0602	EA	3/4" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	15.19	
		For >100 To 250, Deduct	*-1.97*	
		For >250 To 500, Deduct	*-2.46*	
		For >500, Deduct	*-2.96*	
05 05 23 00-0603	EA	3/4" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	15.91	
		For >100 To 250, Deduct	*-2.01*	
		For >250 To 500, Deduct	*-2.52*	
		For >500, Deduct	*-3.02*	
05 05 23 00-0604	EA	3/4" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	16.01	
		For >100 To 250, Deduct	*-2.01*	
		For >250 To 500, Deduct	*-2.52*	
		For >500, Deduct	*-3.02*	
05 05 23 00-0605	EA	3/4" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	17.65	
		For >100 To 250, Deduct	*-2.01*	
		For >250 To 500, Deduct	*-2.52*	
		For >500, Deduct	*-3.02*	
05 05 23 00-0606	EA	3/4" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	18.45	
		For >100 To 250, Deduct	*-2.05*	
		For >250 To 500, Deduct	*-2.57*	
		For >500, Deduct	*-3.08*	
05 05 23 00-0607	EA	3/4" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	19.31	
		For >100 To 250, Deduct	*-2.05*	
		For >250 To 500, Deduct	*-2.57*	
		For >500, Deduct	*-3.08*	
05 05 23 00-0608	EA	3/4" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	20.91	
		For >100 To 250, Deduct	*-2.05*	
		For >250 To 500, Deduct	*-2.57*	
		For >500, Deduct	*-3.08*	
05 05 23 00-0609	EA	3/4" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	23.08	
		For >100 To 250, Deduct	*-2.10*	
		For >250 To 500, Deduct	*-2.62*	
		For >500, Deduct	*-3.15*	
05 05 23 00-0610	EA	3/4" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	23.94	
		For >100 To 250, Deduct	*-2.10*	
		For >250 To 500, Deduct	*-2.62*	
		For >500, Deduct	*-3.15*	
05 05 23 00-0611	EA	3/4" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	24.38	
		For >100 To 250, Deduct	*-2.10*	
		For >250 To 500, Deduct	*-2.62*	
		For >500, Deduct	*-3.15*	
05 05 23 00-0612	EA	3/4" Diameter x 8-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	26.70	
		For >100 To 250, Deduct	*-2.14*	
		For >250 To 500, Deduct	*-2.68*	
		For >500, Deduct	*-3.21*	
05 05 23 00-0613	EA	3/4" Diameter x 9" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	28.26	
		For >100 To 250, Deduct	*-2.14*	
		For >250 To 500, Deduct	*-2.68*	
		For >500, Deduct	*-3.21*	
05 05 23 00-0614	EA	3/4" Diameter x 9-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	29.37	
		For >100 To 250, Deduct	*-2.14*	
		For >250 To 500, Deduct	*-2.68*	
		For >500, Deduct	*-3.21*	
05 05 23 00-0615	EA	3/4" Diameter x 10" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	29.78	
		For >100 To 250, Deduct	*-2.14*	
		For >250 To 500, Deduct	*-2.68*	
		For >500, Deduct	*-3.21*	

05 05 23 00-0616 7/8" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts *(05 05 23 00-0472)*

05 05 23 00-0617	EA	7/8" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	16.70	
		For >100 To 250, Deduct	*-2.14*	
		For >250 To 500, Deduct	*-2.68*	
		For >500, Deduct	*-3.21*	
05 05 23 00-0618	EA	7/8" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	17.23	
		For >100 To 250, Deduct	*-2.14*	
		For >250 To 500, Deduct	*-2.68*	
		For >500, Deduct	*-3.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0619	EA	7/8" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	18.23	
		For >100 To 250, Deduct	*-2.18*	
		For >250 To 500, Deduct	*-2.73*	
		For >500, Deduct	*-3.28*	
05 05 23 00-0620	EA	7/8" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	19.82	
		For >100 To 250, Deduct	*-2.18*	
		For >250 To 500, Deduct	*-2.73*	
		For >500, Deduct	*-3.28*	
05 05 23 00-0621	EA	7/8" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	20.00	
		For >100 To 250, Deduct	*-2.18*	
		For >250 To 500, Deduct	*-2.73*	
		For >500, Deduct	*-3.28*	
05 05 23 00-0622	EA	7/8" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	20.55	
		For >100 To 250, Deduct	*-2.23*	
		For >250 To 500, Deduct	*-2.78*	
		For >500, Deduct	*-3.34*	
05 05 23 00-0623	EA	7/8" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	24.38	
		For >100 To 250, Deduct	*-2.23*	
		For >250 To 500, Deduct	*-2.78*	
		For >500, Deduct	*-3.34*	
05 05 23 00-0624	EA	7/8" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	25.36	
		For >100 To 250, Deduct	*-2.23*	
		For >250 To 500, Deduct	*-2.78*	
		For >500, Deduct	*-3.34*	
05 05 23 00-0625	EA	7/8" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	27.85	
		For >100 To 250, Deduct	*-2.27*	
		For >250 To 500, Deduct	*-2.84*	
		For >500, Deduct	*-3.41*	
05 05 23 00-0626	EA	7/8" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	29.29	
		For >100 To 250, Deduct	*-2.27*	
		For >250 To 500, Deduct	*-2.84*	
		For >500, Deduct	*-3.41*	
05 05 23 00-0627	EA	7/8" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	33.00	
		For >100 To 250, Deduct	*-2.27*	
		For >250 To 500, Deduct	*-2.84*	
		For >500, Deduct	*-3.41*	
05 05 23 00-0628	EA	7/8" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	34.44	
		For >100 To 250, Deduct	*-2.31*	
		For >250 To 500, Deduct	*-2.89*	
		For >500, Deduct	*-3.47*	
05 05 23 00-0629	EA	7/8" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	38.26	
		For >100 To 250, Deduct	*-2.31*	
		For >250 To 500, Deduct	*-2.89*	
		For >500, Deduct	*-3.47*	
05 05 23 00-0630	EA	7/8" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	39.80	
		For >100 To 250, Deduct	*-2.31*	
		For >250 To 500, Deduct	*-2.89*	
		For >500, Deduct	*-3.47*	
05 05 23 00-0631	EA	7/8" Diameter x 8-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	41.25	
		For >100 To 250, Deduct	*-2.35*	
		For >250 To 500, Deduct	*-2.94*	
		For >500, Deduct	*-3.53*	
05 05 23 00-0632	EA	7/8" Diameter x 9" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	41.69	
		For >100 To 250, Deduct	*-2.35*	
		For >250 To 500, Deduct	*-2.94*	
		For >500, Deduct	*-3.53*	
05 05 23 00-0633	EA	7/8" Diameter x 9-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	42.07	
		For >100 To 250, Deduct	*-2.35*	
		For >250 To 500, Deduct	*-2.94*	
		For >500, Deduct	*-3.53*	
05 05 23 00-0634	EA	7/8" Diameter x 10" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	42.99	
		For >100 To 250, Deduct	*-2.35*	
		For >250 To 500, Deduct	*-2.94*	
		For >500, Deduct	*-3.53*	

05 05 23 00-0635 1" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts *(05 05 23 00-0472)*

05 05 23 00-0636	EA	1" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	18.21	
		For >100 To 250, Deduct	*-2.14*	
		For >250 To 500, Deduct	*-2.68*	
		For >500, Deduct	*-3.21*	
05 05 23 00-0637	EA	1" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	19.54	
		For >100 To 250, Deduct	*-2.14*	
		For >250 To 500, Deduct	*-2.68*	
		For >500, Deduct	*-3.21*	
05 05 23 00-0638	EA	1" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	20.34	
		For >100 To 250, Deduct	*-2.18*	
		For >250 To 500, Deduct	*-2.73*	
		For >500, Deduct	*-3.28*	
05 05 23 00-0639	EA	1" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	21.33	
		For >100 To 250, Deduct	*-2.18*	
		For >250 To 500, Deduct	*-2.73*	
		For >500, Deduct	*-3.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0640	EA	1" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	23.19	
		For >100 To 250, Deduct	*-2.18*	
		For >250 To 500, Deduct	*-2.73*	
		For >500, Deduct	*-3.28*	
05 05 23 00-0641	EA	1" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	23.89	
		For >100 To 250, Deduct	*-2.23*	
		For >250 To 500, Deduct	*-2.78*	
		For >500, Deduct	*-3.34*	
05 05 23 00-0642	EA	1" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	25.49	
		For >100 To 250, Deduct	*-2.23*	
		For >250 To 500, Deduct	*-2.78*	
		For >500, Deduct	*-3.34*	
05 05 23 00-0643	EA	1" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	27.63	
		For >100 To 250, Deduct	*-2.23*	
		For >250 To 500, Deduct	*-2.78*	
		For >500, Deduct	*-3.34*	
05 05 23 00-0644	EA	1" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	28.86	
		For >100 To 250, Deduct	*-2.27*	
		For >250 To 500, Deduct	*-2.84*	
		For >500, Deduct	*-3.41*	
05 05 23 00-0645	EA	1" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	29.76	
		For >100 To 250, Deduct	*-2.27*	
		For >250 To 500, Deduct	*-2.84*	
		For >500, Deduct	*-3.41*	
05 05 23 00-0646	EA	1" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	34.23	
		For >100 To 250, Deduct	*-2.27*	
		For >250 To 500, Deduct	*-2.84*	
		For >500, Deduct	*-3.41*	
05 05 23 00-0647	EA	1" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	35.13	
		For >100 To 250, Deduct	*-2.31*	
		For >250 To 500, Deduct	*-2.89*	
		For >500, Deduct	*-3.47*	
05 05 23 00-0648	EA	1" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	40.18	
		For >100 To 250, Deduct	*-2.31*	
		For >250 To 500, Deduct	*-2.89*	
		For >500, Deduct	*-3.47*	
05 05 23 00-0649	EA	1" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	41.05	
		For >100 To 250, Deduct	*-2.31*	
		For >250 To 500, Deduct	*-2.89*	
		For >500, Deduct	*-3.47*	
05 05 23 00-0650	EA	1" Diameter x 8-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	43.95	
		For >100 To 250, Deduct	*-2.35*	
		For >250 To 500, Deduct	*-2.94*	
		For >500, Deduct	*-3.53*	
05 05 23 00-0651	EA	1" Diameter x 9" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	45.42	
		For >100 To 250, Deduct	*-2.35*	
		For >250 To 500, Deduct	*-2.94*	
		For >500, Deduct	*-3.53*	
05 05 23 00-0652	EA	1" Diameter x 9-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	49.26	
		For >100 To 250, Deduct	*-2.35*	
		For >250 To 500, Deduct	*-2.94*	
		For >500, Deduct	*-3.53*	
05 05 23 00-0653	EA	1" Diameter x 10" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	51.61	
		For >100 To 250, Deduct	*-2.35*	
		For >250 To 500, Deduct	*-2.94*	
		For >500, Deduct	*-3.53*	

05 05 23 00-0654 Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0097)*

05 05 23 00-0655 1/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0654)*

05 05 23 00-0656	EA	1/4" Diameter x 1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.88	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.88*	
		For >500, Deduct	*-2.25*	
05 05 23 00-0657	EA	1/4" Diameter x 1" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.90	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.88*	
		For >500, Deduct	*-2.25*	
05 05 23 00-0658	EA	1/4" Diameter x 1-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.92	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.88*	
		For >500, Deduct	*-2.25*	
05 05 23 00-0659	EA	1/4" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.20	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.88*	
		For >500, Deduct	*-2.25*	
05 05 23 00-0660	EA	1/4" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.54	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.93*	
		For >500, Deduct	*-2.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0661	EA	1/4" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.70	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.93*	
		For >500, Deduct	*-2.31*	
05 05 23 00-0662	EA	1/4" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.77	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.93*	
		For >500, Deduct	*-2.31*	
05 05 23 00-0663	EA	1/4" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.00	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.38*	
05 05 23 00-0664	EA	1/4" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.19	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.38*	
05 05 23 00-0665	EA	1/4" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.24	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.38*	
05 05 23 00-0666	EA	1/4" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.59	
		For >100 To 250, Deduct	*-1.63*	
		For >250 To 500, Deduct	*-2.04*	
		For >500, Deduct	*-2.44*	
05 05 23 00-0667	EA	1/4" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.76	
		For >100 To 250, Deduct	*-1.63*	
		For >250 To 500, Deduct	*-2.04*	
		For >500, Deduct	*-2.44*	
05 05 23 00-0668	EA	1/4" Diameter x 6-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.82	
		For >100 To 250, Deduct	*-1.63*	
		For >250 To 500, Deduct	*-2.04*	
		For >500, Deduct	*-2.44*	
05 05 23 00-0669	EA	1/4" Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	10.18	
		For >100 To 250, Deduct	*-1.67*	
		For >250 To 500, Deduct	*-2.09*	
		For >500, Deduct	*-2.51*	
05 05 23 00-0670	EA	1/4" Diameter x 7-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	10.64	
		For >100 To 250, Deduct	*-1.67*	
		For >250 To 500, Deduct	*-2.09*	
		For >500, Deduct	*-2.51*	
05 05 23 00-0671	EA	1/4" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	11.22	
		For >100 To 250, Deduct	*-1.67*	
		For >250 To 500, Deduct	*-2.09*	
		For >500, Deduct	*-2.51*	

05 05 23 00-0672 5/16" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0654)*

05 05 23 00-0673	EA	5/16" Diameter x 1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.76	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.88*	
		For >500, Deduct	*-2.25*	
05 05 23 00-0674	EA	5/16" Diameter x 1" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.28	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.88*	
		For >500, Deduct	*-2.25*	
05 05 23 00-0675	EA	5/16" Diameter x 1-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.33	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.88*	
		For >500, Deduct	*-2.25*	
05 05 23 00-0676	EA	5/16" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.35	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.88*	
		For >500, Deduct	*-2.25*	
05 05 23 00-0677	EA	5/16" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.80	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.93*	
		For >500, Deduct	*-2.31*	
05 05 23 00-0678	EA	5/16" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.30	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.93*	
		For >500, Deduct	*-2.31*	
05 05 23 00-0679	EA	5/16" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.39	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.93*	
		For >500, Deduct	*-2.31*	
05 05 23 00-0680	EA	5/16" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.74	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.38*	
05 05 23 00-0681	EA	5/16" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.78	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0682	EA	5/16" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	10.18	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.38*	
05 05 23 00-0683	EA	5/16" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	10.51	
		For >100 To 250, Deduct	*-1.63*	
		For >250 To 500, Deduct	*-2.04*	
		For >500, Deduct	*-2.44*	
05 05 23 00-0684	EA	5/16" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	10.66	
		For >100 To 250, Deduct	*-1.63*	
		For >250 To 500, Deduct	*-2.04*	
		For >500, Deduct	*-2.44*	
05 05 23 00-0685	EA	5/16" Diameter x 6-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	11.04	
		For >100 To 250, Deduct	*-1.63*	
		For >250 To 500, Deduct	*-2.04*	
		For >500, Deduct	*-2.44*	
05 05 23 00-0686	EA	5/16" Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	12.01	
		For >100 To 250, Deduct	*-1.67*	
		For >250 To 500, Deduct	*-2.09*	
		For >500, Deduct	*-2.51*	
05 05 23 00-0687	EA	5/16" Diameter x 7-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	12.62	
		For >100 To 250, Deduct	*-1.67*	
		For >250 To 500, Deduct	*-2.09*	
		For >500, Deduct	*-2.51*	
05 05 23 00-0688	EA	5/16" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	13.19	
		For >100 To 250, Deduct	*-1.67*	
		For >250 To 500, Deduct	*-2.09*	
		For >500, Deduct	*-2.51*	

05 05 23 00-0689 3/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0654)*

05 05 23 00-0690	EA	3/8" Diameter x 1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.92	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.88*	
		For >500, Deduct	*-2.25*	
05 05 23 00-0691	EA	3/8" Diameter x 1" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.04	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.88*	
		For >500, Deduct	*-2.25*	
05 05 23 00-0692	EA	3/8" Diameter x 1-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.17	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.88*	
		For >500, Deduct	*-2.25*	
05 05 23 00-0693	EA	3/8" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.49	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.88*	
		For >500, Deduct	*-2.25*	
05 05 23 00-0694	EA	3/8" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.84	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.93*	
		For >500, Deduct	*-2.31*	
05 05 23 00-0695	EA	3/8" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.11	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.93*	
		For >500, Deduct	*-2.31*	
05 05 23 00-0696	EA	3/8" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.30	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.93*	
		For >500, Deduct	*-2.31*	
05 05 23 00-0697	EA	3/8" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.77	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.38*	
05 05 23 00-0698	EA	3/8" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.90	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.38*	
05 05 23 00-0699	EA	3/8" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	10.23	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.38*	
05 05 23 00-0700	EA	3/8" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	10.58	
		For >100 To 250, Deduct	*-1.63*	
		For >250 To 500, Deduct	*-2.04*	
		For >500, Deduct	*-2.44*	
05 05 23 00-0701	EA	3/8" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	11.03	
		For >100 To 250, Deduct	*-1.63*	
		For >250 To 500, Deduct	*-2.04*	
		For >500, Deduct	*-2.44*	
05 05 23 00-0702	EA	3/8" Diameter x 6-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	11.10	
		For >100 To 250, Deduct	*-1.63*	
		For >250 To 500, Deduct	*-2.04*	
		For >500, Deduct	*-2.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0703	EA	3/8" Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	11.34	
		For >100 To 250, Deduct	*-1.67*	
		For >250 To 500, Deduct	*-2.09*	
		For >500, Deduct	*-2.51*	
05 05 23 00-0704	EA	3/8" Diameter x 7-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	11.39	
		For >100 To 250, Deduct	*-1.67*	
		For >250 To 500, Deduct	*-2.09*	
		For >500, Deduct	*-2.51*	
05 05 23 00-0705	EA	3/8" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	11.91	
		For >100 To 250, Deduct	*-1.67*	
		For >250 To 500, Deduct	*-2.09*	
		For >500, Deduct	*-2.51*	

05 05 23 00-0706 7/16" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0654)*

05 05 23 00-0707	EA	7/16" Diameter x 1" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.77	
		For >100 To 250, Deduct	*-1.71*	
		For >250 To 500, Deduct	*-2.14*	
		For >500, Deduct	*-2.57*	
05 05 23 00-0708	EA	7/16" Diameter x 1-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	10.35	
		For >100 To 250, Deduct	*-1.71*	
		For >250 To 500, Deduct	*-2.14*	
		For >500, Deduct	*-2.57*	
05 05 23 00-0709	EA	7/16" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	10.79	
		For >100 To 250, Deduct	*-1.71*	
		For >250 To 500, Deduct	*-2.14*	
		For >500, Deduct	*-2.57*	
05 05 23 00-0710	EA	7/16" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	11.75	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	
05 05 23 00-0711	EA	7/16" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	11.78	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	
05 05 23 00-0712	EA	7/16" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	11.82	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	
05 05 23 00-0713	EA	7/16" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	12.41	
		For >100 To 250, Deduct	*-1.80*	
		For >250 To 500, Deduct	*-2.25*	
		For >500, Deduct	*-2.70*	
05 05 23 00-0714	EA	7/16" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	12.82	
		For >100 To 250, Deduct	*-1.80*	
		For >250 To 500, Deduct	*-2.25*	
		For >500, Deduct	*-2.70*	
05 05 23 00-0715	EA	7/16" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	13.19	
		For >100 To 250, Deduct	*-1.80*	
		For >250 To 500, Deduct	*-2.25*	
		For >500, Deduct	*-2.70*	
05 05 23 00-0716	EA	7/16" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	13.82	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.30*	
		For >500, Deduct	*-2.76*	
05 05 23 00-0717	EA	7/16" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	14.25	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.30*	
		For >500, Deduct	*-2.76*	

05 05 23 00-0718 1/2" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0654)*

05 05 23 00-0719	EA	1/2" Diameter x 1" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.52	
		For >100 To 250, Deduct	*-1.71*	
		For >250 To 500, Deduct	*-2.14*	
		For >500, Deduct	*-2.57*	
05 05 23 00-0720	EA	1/2" Diameter x 1-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.71	
		For >100 To 250, Deduct	*-1.71*	
		For >250 To 500, Deduct	*-2.14*	
		For >500, Deduct	*-2.57*	
05 05 23 00-0721	EA	1/2" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	10.08	
		For >100 To 250, Deduct	*-1.71*	
		For >250 To 500, Deduct	*-2.14*	
		For >500, Deduct	*-2.57*	
05 05 23 00-0722	EA	1/2" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	10.72	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	
05 05 23 00-0723	EA	1/2" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	11.01	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0724	EA	1/2" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	11.55	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	
05 05 23 00-0725	EA	1/2" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	11.86	
		For >100 To 250, Deduct	*-1.80*	
		For >250 To 500, Deduct	*-2.25*	
		For >500, Deduct	*-2.70*	
05 05 23 00-0726	EA	1/2" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	12.06	
		For >100 To 250, Deduct	*-1.80*	
		For >250 To 500, Deduct	*-2.25*	
		For >500, Deduct	*-2.70*	
05 05 23 00-0727	EA	1/2" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	12.49	
		For >100 To 250, Deduct	*-1.80*	
		For >250 To 500, Deduct	*-2.25*	
		For >500, Deduct	*-2.70*	
05 05 23 00-0728	EA	1/2" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	12.90	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.30*	
		For >500, Deduct	*-2.76*	
05 05 23 00-0729	EA	1/2" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	13.38	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.30*	
		For >500, Deduct	*-2.76*	
05 05 23 00-0730	EA	1/2" Diameter x 6-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	13.42	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.30*	
		For >500, Deduct	*-2.76*	
05 05 23 00-0731	EA	1/2" Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	13.72	
		For >100 To 250, Deduct	*-1.88*	
		For >250 To 500, Deduct	*-2.36*	
		For >500, Deduct	*-2.83*	
05 05 23 00-0732	EA	1/2" Diameter x 7-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	13.85	
		For >100 To 250, Deduct	*-1.88*	
		For >250 To 500, Deduct	*-2.36*	
		For >500, Deduct	*-2.83*	
05 05 23 00-0733	EA	1/2" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	14.21	
		For >100 To 250, Deduct	*-1.88*	
		For >250 To 500, Deduct	*-2.36*	
		For >500, Deduct	*-2.83*	
05 05 23 00-0734	EA	1/2" Diameter x 8-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	16.13	
		For >100 To 250, Deduct	*-1.93*	
		For >250 To 500, Deduct	*-2.41*	
		For >500, Deduct	*-2.89*	
05 05 23 00-0735	EA	1/2" Diameter x 9" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	16.42	
		For >100 To 250, Deduct	*-1.93*	
		For >250 To 500, Deduct	*-2.41*	
		For >500, Deduct	*-2.89*	
05 05 23 00-0736	EA	1/2" Diameter x 9-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	16.48	
		For >100 To 250, Deduct	*-1.93*	
		For >250 To 500, Deduct	*-2.41*	
		For >500, Deduct	*-2.89*	
05 05 23 00-0737	EA	1/2" Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	16.65	
		For >100 To 250, Deduct	*-1.93*	
		For >250 To 500, Deduct	*-2.41*	
		For >500, Deduct	*-2.89*	

05 05 23 00-0738 5/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0654)*

05 05 23 00-0739	EA	5/8" Diameter x 1" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	11.26	
		For >100 To 250, Deduct	*-1.93*	
		For >250 To 500, Deduct	*-2.41*	
		For >500, Deduct	*-2.89*	
05 05 23 00-0740	EA	5/8" Diameter x 1-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	11.55	
		For >100 To 250, Deduct	*-1.93*	
		For >250 To 500, Deduct	*-2.41*	
		For >500, Deduct	*-2.89*	
05 05 23 00-0741	EA	5/8" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	11.75	
		For >100 To 250, Deduct	*-1.93*	
		For >250 To 500, Deduct	*-2.41*	
		For >500, Deduct	*-2.89*	
05 05 23 00-0742	EA	5/8" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	12.29	
		For >100 To 250, Deduct	*-1.97*	
		For >250 To 500, Deduct	*-2.46*	
		For >500, Deduct	*-2.96*	
05 05 23 00-0743	EA	5/8" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	12.72	
		For >100 To 250, Deduct	*-1.97*	
		For >250 To 500, Deduct	*-2.46*	
		For >500, Deduct	*-2.96*	
05 05 23 00-0744	EA	5/8" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	13.67	
		For >100 To 250, Deduct	*-1.97*	
		For >250 To 500, Deduct	*-2.46*	
		For >500, Deduct	*-2.96*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0745	EA	5/8" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	14.03	
		For >100 To 250, Deduct	*-2.01*	
		For >250 To 500, Deduct	*-2.52*	
		For >500, Deduct	*-3.02*	
05 05 23 00-0746	EA	5/8" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	14.20	
		For >100 To 250, Deduct	*-2.01*	
		For >250 To 500, Deduct	*-2.52*	
		For >500, Deduct	*-3.02*	
05 05 23 00-0747	EA	5/8" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	14.49	
		For >100 To 250, Deduct	*-2.01*	
		For >250 To 500, Deduct	*-2.52*	
		For >500, Deduct	*-3.02*	
05 05 23 00-0748	EA	5/8" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	15.08	
		For >100 To 250, Deduct	*-2.05*	
		For >250 To 500, Deduct	*-2.57*	
		For >500, Deduct	*-3.08*	
05 05 23 00-0749	EA	5/8" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	15.41	
		For >100 To 250, Deduct	*-2.05*	
		For >250 To 500, Deduct	*-2.57*	
		For >500, Deduct	*-3.08*	
05 05 23 00-0750	EA	5/8" Diameter x 6-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	16.39	
		For >100 To 250, Deduct	*-2.05*	
		For >250 To 500, Deduct	*-2.57*	
		For >500, Deduct	*-3.08*	
05 05 23 00-0751	EA	5/8" Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	16.67	
		For >100 To 250, Deduct	*-2.10*	
		For >250 To 500, Deduct	*-2.62*	
		For >500, Deduct	*-3.15*	
05 05 23 00-0752	EA	5/8" Diameter x 7-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	18.38	
		For >100 To 250, Deduct	*-2.10*	
		For >250 To 500, Deduct	*-2.62*	
		For >500, Deduct	*-3.15*	
05 05 23 00-0753	EA	5/8" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	18.89	
		For >100 To 250, Deduct	*-2.10*	
		For >250 To 500, Deduct	*-2.62*	
		For >500, Deduct	*-3.15*	
05 05 23 00-0754	EA	5/8" Diameter x 8-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	19.81	
		For >100 To 250, Deduct	*-2.14*	
		For >250 To 500, Deduct	*-2.68*	
		For >500, Deduct	*-3.21*	
05 05 23 00-0755	EA	5/8" Diameter x 9" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	20.62	
		For >100 To 250, Deduct	*-2.14*	
		For >250 To 500, Deduct	*-2.68*	
		For >500, Deduct	*-3.21*	
05 05 23 00-0756	EA	5/8" Diameter x 9-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	22.47	
		For >100 To 250, Deduct	*-2.14*	
		For >250 To 500, Deduct	*-2.68*	
		For >500, Deduct	*-3.21*	
05 05 23 00-0757	EA	5/8" Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	22.61	
		For >100 To 250, Deduct	*-2.14*	
		For >250 To 500, Deduct	*-2.68*	
		For >500, Deduct	*-3.21*	

05 05 23 00-0758 3/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0654)*

05 05 23 00-0759	EA	3/4" Diameter x 1" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	12.65	
		For >100 To 250, Deduct	*-1.93*	
		For >250 To 500, Deduct	*-2.41*	
		For >500, Deduct	*-2.89*	
05 05 23 00-0760	EA	3/4" Diameter x 1-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	12.71	
		For >100 To 250, Deduct	*-1.93*	
		For >250 To 500, Deduct	*-2.41*	
		For >500, Deduct	*-2.89*	
05 05 23 00-0761	EA	3/4" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	13.06	
		For >100 To 250, Deduct	*-1.93*	
		For >250 To 500, Deduct	*-2.41*	
		For >500, Deduct	*-2.89*	
05 05 23 00-0762	EA	3/4" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	14.08	
		For >100 To 250, Deduct	*-1.97*	
		For >250 To 500, Deduct	*-2.46*	
		For >500, Deduct	*-2.96*	
05 05 23 00-0763	EA	3/4" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	15.41	
		For >100 To 250, Deduct	*-1.97*	
		For >250 To 500, Deduct	*-2.46*	
		For >500, Deduct	*-2.96*	
05 05 23 00-0764	EA	3/4" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	16.26	
		For >100 To 250, Deduct	*-1.97*	
		For >250 To 500, Deduct	*-2.46*	
		For >500, Deduct	*-2.96*	
05 05 23 00-0765	EA	3/4" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	16.93	
		For >100 To 250, Deduct	*-2.01*	
		For >250 To 500, Deduct	*-2.52*	
		For >500, Deduct	*-3.02*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0766	EA	3/4" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	17.01	
		For >100 To 250, Deduct	*-2.01*	
		For >250 To 500, Deduct	*-2.52*	
		For >500, Deduct	*-3.02*	
05 05 23 00-0767	EA	3/4" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	17.19	
		For >100 To 250, Deduct	*-2.01*	
		For >250 To 500, Deduct	*-2.52*	
		For >500, Deduct	*-3.02*	
05 05 23 00-0768	EA	3/4" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	17.52	
		For >100 To 250, Deduct	*-2.05*	
		For >250 To 500, Deduct	*-2.57*	
		For >500, Deduct	*-3.08*	
05 05 23 00-0769	EA	3/4" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	18.65	
		For >100 To 250, Deduct	*-2.05*	
		For >250 To 500, Deduct	*-2.57*	
		For >500, Deduct	*-3.08*	
05 05 23 00-0770	EA	3/4" Diameter x 6-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	19.12	
		For >100 To 250, Deduct	*-2.05*	
		For >250 To 500, Deduct	*-2.57*	
		For >500, Deduct	*-3.08*	
05 05 23 00-0771	EA	3/4" Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	20.26	
		For >100 To 250, Deduct	*-2.10*	
		For >250 To 500, Deduct	*-2.62*	
		For >500, Deduct	*-3.15*	
05 05 23 00-0772	EA	3/4" Diameter x 7-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	20.41	
		For >100 To 250, Deduct	*-2.10*	
		For >250 To 500, Deduct	*-2.62*	
		For >500, Deduct	*-3.15*	
05 05 23 00-0773	EA	3/4" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	20.87	
		For >100 To 250, Deduct	*-2.10*	
		For >250 To 500, Deduct	*-2.62*	
		For >500, Deduct	*-3.15*	
05 05 23 00-0774	EA	3/4" Diameter x 8-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	21.77	
		For >100 To 250, Deduct	*-2.14*	
		For >250 To 500, Deduct	*-2.68*	
		For >500, Deduct	*-3.21*	
05 05 23 00-0775	EA	3/4" Diameter x 9" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	22.26	
		For >100 To 250, Deduct	*-2.14*	
		For >250 To 500, Deduct	*-2.68*	
		For >500, Deduct	*-3.21*	
05 05 23 00-0776	EA	3/4" Diameter x 9-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	22.53	
		For >100 To 250, Deduct	*-2.14*	
		For >250 To 500, Deduct	*-2.68*	
		For >500, Deduct	*-3.21*	
05 05 23 00-0777	EA	3/4" Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	22.67	
		For >100 To 250, Deduct	*-2.14*	
		For >250 To 500, Deduct	*-2.68*	
		For >500, Deduct	*-3.21*	

05 05 23 00-0778 7/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0654)*

05 05 23 00-0779	EA	7/8" Diameter x 1-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	16.49	
		For >100 To 250, Deduct	*-2.14*	
		For >250 To 500, Deduct	*-2.68*	
		For >500, Deduct	*-3.21*	
05 05 23 00-0780	EA	7/8" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	17.04	
		For >100 To 250, Deduct	*-2.14*	
		For >250 To 500, Deduct	*-2.68*	
		For >500, Deduct	*-3.21*	
05 05 23 00-0781	EA	7/8" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	17.56	
		For >100 To 250, Deduct	*-2.18*	
		For >250 To 500, Deduct	*-2.73*	
		For >500, Deduct	*-3.28*	
05 05 23 00-0782	EA	7/8" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	20.42	
		For >100 To 250, Deduct	*-2.18*	
		For >250 To 500, Deduct	*-2.73*	
		For >500, Deduct	*-3.28*	
05 05 23 00-0783	EA	7/8" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	20.84	
		For >100 To 250, Deduct	*-2.18*	
		For >250 To 500, Deduct	*-2.73*	
		For >500, Deduct	*-3.28*	
05 05 23 00-0784	EA	7/8" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	21.60	
		For >100 To 250, Deduct	*-2.23*	
		For >250 To 500, Deduct	*-2.78*	
		For >500, Deduct	*-3.34*	
05 05 23 00-0785	EA	7/8" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	22.20	
		For >100 To 250, Deduct	*-2.23*	
		For >250 To 500, Deduct	*-2.78*	
		For >500, Deduct	*-3.34*	
05 05 23 00-0786	EA	7/8" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	22.96	
		For >100 To 250, Deduct	*-2.23*	
		For >250 To 500, Deduct	*-2.78*	
		For >500, Deduct	*-3.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0787	EA	7/8" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	23.72	
		For >100 To 250, Deduct	*-2.27*	
		For >250 To 500, Deduct	*-2.84*	
		For >500, Deduct	*-3.41*	
05 05 23 00-0788	EA	7/8" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	24.31	
		For >100 To 250, Deduct	*-2.27*	
		For >250 To 500, Deduct	*-2.84*	
		For >500, Deduct	*-3.41*	
05 05 23 00-0789	EA	7/8" Diameter x 6-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	29.03	
		For >100 To 250, Deduct	*-2.27*	
		For >250 To 500, Deduct	*-2.84*	
		For >500, Deduct	*-3.41*	
05 05 23 00-0790	EA	7/8" Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	29.89	
		For >100 To 250, Deduct	*-2.31*	
		For >250 To 500, Deduct	*-2.89*	
		For >500, Deduct	*-3.47*	
05 05 23 00-0791	EA	7/8" Diameter x 7-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	30.99	
		For >100 To 250, Deduct	*-2.31*	
		For >250 To 500, Deduct	*-2.89*	
		For >500, Deduct	*-3.47*	
05 05 23 00-0792	EA	7/8" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	31.25	
		For >100 To 250, Deduct	*-2.31*	
		For >250 To 500, Deduct	*-2.89*	
		For >500, Deduct	*-3.47*	
05 05 23 00-0793	EA	7/8" Diameter x 8-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	31.77	
		For >100 To 250, Deduct	*-2.35*	
		For >250 To 500, Deduct	*-2.94*	
		For >500, Deduct	*-3.53*	
05 05 23 00-0794	EA	7/8" Diameter x 9" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	32.38	
		For >100 To 250, Deduct	*-2.35*	
		For >250 To 500, Deduct	*-2.94*	
		For >500, Deduct	*-3.53*	
05 05 23 00-0795	EA	7/8" Diameter x 9-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	33.14	
		For >100 To 250, Deduct	*-2.35*	
		For >250 To 500, Deduct	*-2.94*	
		For >500, Deduct	*-3.53*	
05 05 23 00-0796	EA	7/8" Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	33.86	
		For >100 To 250, Deduct	*-2.35*	
		For >250 To 500, Deduct	*-2.94*	
		For >500, Deduct	*-3.53*	

05 05 23 00-0797 1" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts *(05 05 23 00-0654)*

05 05 23 00-0798	EA	1" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	20.32	
		For >100 To 250, Deduct	*-2.14*	
		For >250 To 500, Deduct	*-2.68*	
		For >500, Deduct	*-3.21*	
05 05 23 00-0799	EA	1" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	20.71	
		For >100 To 250, Deduct	*-2.18*	
		For >250 To 500, Deduct	*-2.73*	
		For >500, Deduct	*-3.28*	
05 05 23 00-0800	EA	1" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	21.73	
		For >100 To 250, Deduct	*-2.18*	
		For >250 To 500, Deduct	*-2.73*	
		For >500, Deduct	*-3.28*	
05 05 23 00-0801	EA	1" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	22.54	
		For >100 To 250, Deduct	*-2.18*	
		For >250 To 500, Deduct	*-2.73*	
		For >500, Deduct	*-3.28*	
05 05 23 00-0802	EA	1" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	24.59	
		For >100 To 250, Deduct	*-2.23*	
		For >250 To 500, Deduct	*-2.78*	
		For >500, Deduct	*-3.34*	
05 05 23 00-0803	EA	1" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	25.01	
		For >100 To 250, Deduct	*-2.23*	
		For >250 To 500, Deduct	*-2.78*	
		For >500, Deduct	*-3.34*	
05 05 23 00-0804	EA	1" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	26.20	
		For >100 To 250, Deduct	*-2.23*	
		For >250 To 500, Deduct	*-2.78*	
		For >500, Deduct	*-3.34*	
05 05 23 00-0805	EA	1" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	26.54	
		For >100 To 250, Deduct	*-2.27*	
		For >250 To 500, Deduct	*-2.84*	
		For >500, Deduct	*-3.41*	
05 05 23 00-0806	EA	1" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	26.98	
		For >100 To 250, Deduct	*-2.27*	
		For >250 To 500, Deduct	*-2.84*	
		For >500, Deduct	*-3.41*	
05 05 23 00-0807	EA	1" Diameter x 6-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	31.03	
		For >100 To 250, Deduct	*-2.27*	
		For >250 To 500, Deduct	*-2.84*	
		For >500, Deduct	*-3.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0808	EA	1" Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	32.00	
		For >100 To 250, Deduct	*-2.31*	
		For >250 To 500, Deduct	*-2.89*	
		For >500, Deduct	*-3.47*	
05 05 23 00-0809	EA	1" Diameter x 7-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	33.70	
		For >100 To 250, Deduct	*-2.31*	
		For >250 To 500, Deduct	*-2.89*	
		For >500, Deduct	*-3.47*	
05 05 23 00-0810	EA	1" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	35.37	
		For >100 To 250, Deduct	*-2.31*	
		For >250 To 500, Deduct	*-2.89*	
		For >500, Deduct	*-3.47*	
05 05 23 00-0811	EA	1" Diameter x 8-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	36.09	
		For >100 To 250, Deduct	*-2.35*	
		For >250 To 500, Deduct	*-2.94*	
		For >500, Deduct	*-3.53*	
05 05 23 00-0812	EA	1" Diameter x 9" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	37.45	
		For >100 To 250, Deduct	*-2.35*	
		For >250 To 500, Deduct	*-2.94*	
		For >500, Deduct	*-3.53*	
05 05 23 00-0813	EA	1" Diameter x 9-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	38.48	
		For >100 To 250, Deduct	*-2.35*	
		For >250 To 500, Deduct	*-2.94*	
		For >500, Deduct	*-3.53*	
05 05 23 00-0814	EA	1" Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	40.01	
		For >100 To 250, Deduct	*-2.35*	
		For >250 To 500, Deduct	*-2.94*	
		For >500, Deduct	*-3.53*	

05 05 23 00-0815 304/18-8 Stainless Steel, Hex Head Bolts *(05 05 23 00-0097)*

05 05 23 00-0816 1/4" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts *(05 05 23 00-0815)*

05 05 23 00-0817	EA	1/4" Diameter x 1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	7.86	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.88*	
		For >500, Deduct	*-2.25*	
05 05 23 00-0818	EA	1/4" Diameter x 1" Length, 304/18-8 Stainless Steel, Hex Head Bolt	8.00	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.88*	
		For >500, Deduct	*-2.25*	
05 05 23 00-0819	EA	1/4" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	8.18	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.88*	
		For >500, Deduct	*-2.25*	
05 05 23 00-0820	EA	1/4" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	8.37	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.88*	
		For >500, Deduct	*-2.25*	
05 05 23 00-0821	EA	1/4" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	8.77	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.93*	
		For >500, Deduct	*-2.31*	
05 05 23 00-0822	EA	1/4" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt	9.05	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.93*	
		For >500, Deduct	*-2.31*	
05 05 23 00-0823	EA	1/4" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	9.39	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.93*	
		For >500, Deduct	*-2.31*	
05 05 23 00-0824	EA	1/4" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt	9.85	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.38*	
05 05 23 00-0825	EA	1/4" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	10.26	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.38*	
05 05 23 00-0826	EA	1/4" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt	10.64	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.38*	
05 05 23 00-0827	EA	1/4" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	11.17	
		For >100 To 250, Deduct	*-1.63*	
		For >250 To 500, Deduct	*-2.04*	
		For >500, Deduct	*-2.44*	
05 05 23 00-0828	EA	1/4" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt	11.79	
		For >100 To 250, Deduct	*-1.63*	
		For >250 To 500, Deduct	*-2.04*	
		For >500, Deduct	*-2.44*	
05 05 23 00-0829	EA	1/4" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	19.27	
		For >100 To 250, Deduct	*-1.63*	
		For >250 To 500, Deduct	*-2.04*	
		For >500, Deduct	*-2.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0830	EA	1/4" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt	23.14	
		For >100 To 250, Deduct	*-1.67*	
		For >250 To 500, Deduct	*-2.09*	
		For >500, Deduct	*-2.51*	
05 05 23 00-0831	EA	1/4" Diameter x 7-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	23.49	
		For >100 To 250, Deduct	*-1.67*	
		For >250 To 500, Deduct	*-2.09*	
		For >500, Deduct	*-2.51*	
05 05 23 00-0832	EA	1/4" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Head Bolt	24.33	
		For >100 To 250, Deduct	*-1.67*	
		For >250 To 500, Deduct	*-2.09*	
		For >500, Deduct	*-2.51*	

05 05 23 00-0833 5/16" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts *(05 05 23 00-0815)*

05 05 23 00-0834	EA	5/16" Diameter x 1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	8.12	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.88*	
		For >500, Deduct	*-2.25*	
05 05 23 00-0835	EA	5/16" Diameter x 1" Length, 304/18-8 Stainless Steel, Hex Head Bolt	8.25	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.88*	
		For >500, Deduct	*-2.25*	
05 05 23 00-0836	EA	5/16" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	8.52	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.88*	
		For >500, Deduct	*-2.25*	
05 05 23 00-0837	EA	5/16" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	8.73	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.88*	
		For >500, Deduct	*-2.25*	
05 05 23 00-0838	EA	5/16" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	9.34	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.93*	
		For >500, Deduct	*-2.31*	
05 05 23 00-0839	EA	5/16" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt	9.47	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.93*	
		For >500, Deduct	*-2.31*	
05 05 23 00-0840	EA	5/16" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	10.17	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.93*	
		For >500, Deduct	*-2.31*	
05 05 23 00-0841	EA	5/16" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt	10.87	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.38*	
05 05 23 00-0842	EA	5/16" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	11.65	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.38*	
05 05 23 00-0843	EA	5/16" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt	12.04	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.38*	
05 05 23 00-0844	EA	5/16" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	13.45	
		For >100 To 250, Deduct	*-1.63*	
		For >250 To 500, Deduct	*-2.04*	
		For >500, Deduct	*-2.44*	
05 05 23 00-0845	EA	5/16" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt	15.41	
		For >100 To 250, Deduct	*-1.63*	
		For >250 To 500, Deduct	*-2.04*	
		For >500, Deduct	*-2.44*	
05 05 23 00-0846	EA	5/16" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	19.86	
		For >100 To 250, Deduct	*-1.63*	
		For >250 To 500, Deduct	*-2.04*	
		For >500, Deduct	*-2.44*	
05 05 23 00-0847	EA	5/16" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt	27.28	
		For >100 To 250, Deduct	*-1.67*	
		For >250 To 500, Deduct	*-2.09*	
		For >500, Deduct	*-2.51*	

05 05 23 00-0848 3/8" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts *(05 05 23 00-0815)*

05 05 23 00-0849	EA	3/8" Diameter x 1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	8.45	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.88*	
		For >500, Deduct	*-2.25*	
05 05 23 00-0850	EA	3/8" Diameter x 1" Length, 304/18-8 Stainless Steel, Hex Head Bolt	8.62	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.88*	
		For >500, Deduct	*-2.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0851	EA	3/8" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	9.04	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.88*	
		For >500, Deduct	*-2.25*	
05 05 23 00-0852	EA	3/8" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	9.57	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.88*	
		For >500, Deduct	*-2.25*	
05 05 23 00-0853	EA	3/8" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	10.05	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.93*	
		For >500, Deduct	*-2.31*	
05 05 23 00-0854	EA	3/8" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt	10.48	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.93*	
		For >500, Deduct	*-2.31*	
05 05 23 00-0855	EA	3/8" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	11.05	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.93*	
		For >500, Deduct	*-2.31*	
05 05 23 00-0856	EA	3/8" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt	11.77	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.38*	
05 05 23 00-0857	EA	3/8" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	12.43	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.38*	
05 05 23 00-0858	EA	3/8" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt	13.90	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.38*	
05 05 23 00-0859	EA	3/8" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	14.29	
		For >100 To 250, Deduct	*-1.63*	
		For >250 To 500, Deduct	*-2.04*	
		For >500, Deduct	*-2.44*	
05 05 23 00-0860	EA	3/8" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt	15.50	
		For >100 To 250, Deduct	*-1.63*	
		For >250 To 500, Deduct	*-2.04*	
		For >500, Deduct	*-2.44*	
05 05 23 00-0861	EA	3/8" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	18.08	
		For >100 To 250, Deduct	*-1.63*	
		For >250 To 500, Deduct	*-2.04*	
		For >500, Deduct	*-2.44*	
05 05 23 00-0862	EA	3/8" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt	18.90	
		For >100 To 250, Deduct	*-1.67*	
		For >250 To 500, Deduct	*-2.09*	
		For >500, Deduct	*-2.51*	
05 05 23 00-0863	EA	3/8" Diameter x 7-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	19.27	
		For >100 To 250, Deduct	*-1.67*	
		For >250 To 500, Deduct	*-2.09*	
		For >500, Deduct	*-2.51*	
05 05 23 00-0864	EA	3/8" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Head Bolt	21.85	
		For >100 To 250, Deduct	*-1.67*	
		For >250 To 500, Deduct	*-2.09*	
		For >500, Deduct	*-2.51*	

05 05 23 00-0865 7/16" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts *(05 05 23 00-0815)*

05 05 23 00-0866	EA	7/16" Diameter x 1" Length, 304/18-8 Stainless Steel, Hex Head Bolt	10.88	
		For >100 To 250, Deduct	*-1.71*	
		For >250 To 500, Deduct	*-2.14*	
		For >500, Deduct	*-2.57*	
05 05 23 00-0867	EA	7/16" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	11.06	
		For >100 To 250, Deduct	*-1.71*	
		For >250 To 500, Deduct	*-2.14*	
		For >500, Deduct	*-2.57*	
05 05 23 00-0868	EA	7/16" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	11.74	
		For >100 To 250, Deduct	*-1.71*	
		For >250 To 500, Deduct	*-2.14*	
		For >500, Deduct	*-2.57*	
05 05 23 00-0869	EA	7/16" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	12.36	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	
05 05 23 00-0870	EA	7/16" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt	13.18	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	
05 05 23 00-0871	EA	7/16" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	14.55	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0872	EA	7/16" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt	15.40	
		For >100 To 250, Deduct	*-1.80*	
		For >250 To 500, Deduct	*-2.25*	
		For >500, Deduct	*-2.70*	
05 05 23 00-0873	EA	7/16" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	17.00	
		For >100 To 250, Deduct	*-1.80*	
		For >250 To 500, Deduct	*-2.25*	
		For >500, Deduct	*-2.70*	
05 05 23 00-0874	EA	7/16" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt	17.70	
		For >100 To 250, Deduct	*-1.80*	
		For >250 To 500, Deduct	*-2.25*	
		For >500, Deduct	*-2.70*	
05 05 23 00-0875	EA	7/16" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	20.11	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.30*	
		For >500, Deduct	*-2.76*	
05 05 23 00-0876	EA	7/16" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt	22.55	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.30*	
		For >500, Deduct	*-2.76*	
05 05 23 00-0877	EA	7/16" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	22.88	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.30*	
		For >500, Deduct	*-2.76*	
05 05 23 00-0878	EA	7/16" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt	23.39	
		For >100 To 250, Deduct	*-1.88*	
		For >250 To 500, Deduct	*-2.36*	
		For >500, Deduct	*-2.83*	

05 05 23 00-0879 1/2" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts *(05 05 23 00-0815)*

05 05 23 00-0880	EA	1/2" Diameter x 1" Length, 304/18-8 Stainless Steel, Hex Head Bolt	10.86	
		For >100 To 250, Deduct	*-1.71*	
		For >250 To 500, Deduct	*-2.14*	
		For >500, Deduct	*-2.57*	
05 05 23 00-0881	EA	1/2" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	11.06	
		For >100 To 250, Deduct	*-1.71*	
		For >250 To 500, Deduct	*-2.14*	
		For >500, Deduct	*-2.57*	
05 05 23 00-0882	EA	1/2" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	12.13	
		For >100 To 250, Deduct	*-1.71*	
		For >250 To 500, Deduct	*-2.14*	
		For >500, Deduct	*-2.57*	
05 05 23 00-0883	EA	1/2" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	12.77	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	
05 05 23 00-0884	EA	1/2" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt	13.75	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	
05 05 23 00-0885	EA	1/2" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	14.28	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	
05 05 23 00-0886	EA	1/2" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt	15.14	
		For >100 To 250, Deduct	*-1.80*	
		For >250 To 500, Deduct	*-2.25*	
		For >500, Deduct	*-2.70*	
05 05 23 00-0887	EA	1/2" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	15.61	
		For >100 To 250, Deduct	*-1.80*	
		For >250 To 500, Deduct	*-2.25*	
		For >500, Deduct	*-2.70*	
05 05 23 00-0888	EA	1/2" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt	18.17	
		For >100 To 250, Deduct	*-1.80*	
		For >250 To 500, Deduct	*-2.25*	
		For >500, Deduct	*-2.70*	
05 05 23 00-0889	EA	1/2" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	19.09	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.30*	
		For >500, Deduct	*-2.76*	
05 05 23 00-0890	EA	1/2" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt	20.25	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.30*	
		For >500, Deduct	*-2.76*	
05 05 23 00-0891	EA	1/2" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	21.55	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.30*	
		For >500, Deduct	*-2.76*	
05 05 23 00-0892	EA	1/2" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt	23.70	
		For >100 To 250, Deduct	*-1.88*	
		For >250 To 500, Deduct	*-2.36*	
		For >500, Deduct	*-2.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0893	EA	1/2" Diameter x 7-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	24.48	
		For >100 To 250, Deduct	*-1.88*	
		For >250 To 500, Deduct	*-2.36*	
		For >500, Deduct	*-2.83*	
05 05 23 00-0894	EA	1/2" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Head Bolt	25.71	
		For >100 To 250, Deduct	*-1.88*	
		For >250 To 500, Deduct	*-2.36*	
		For >500, Deduct	*-2.83*	
05 05 23 00-0895	EA	1/2" Diameter x 8-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	31.94	
		For >100 To 250, Deduct	*-1.93*	
		For >250 To 500, Deduct	*-2.41*	
		For >500, Deduct	*-2.89*	
05 05 23 00-0896	EA	1/2" Diameter x 9" Length, 304/18-8 Stainless Steel, Hex Head Bolt	32.43	
		For >100 To 250, Deduct	*-1.93*	
		For >250 To 500, Deduct	*-2.41*	
		For >500, Deduct	*-2.89*	
05 05 23 00-0897	EA	1/2" Diameter x 9-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	35.82	
		For >100 To 250, Deduct	*-1.93*	
		For >250 To 500, Deduct	*-2.41*	
		For >500, Deduct	*-2.89*	
05 05 23 00-0898	EA	1/2" Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Head Bolt	39.20	
		For >100 To 250, Deduct	*-1.93*	
		For >250 To 500, Deduct	*-2.41*	
		For >500, Deduct	*-2.89*	

05 05 23 00-0899 9/16" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts *(05 05 23 00-0815)*

05 05 23 00-0900	EA	9/16" Diameter x 1" Length, 304/18-8 Stainless Steel, Hex Head Bolt	16.49	
		For >100 To 250, Deduct	*-1.71*	
		For >250 To 500, Deduct	*-2.14*	
		For >500, Deduct	*-2.57*	
05 05 23 00-0901	EA	9/16" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	18.72	
		For >100 To 250, Deduct	*-1.71*	
		For >250 To 500, Deduct	*-2.14*	
		For >500, Deduct	*-2.57*	
05 05 23 00-0902	EA	9/16" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	22.62	
		For >100 To 250, Deduct	*-1.71*	
		For >250 To 500, Deduct	*-2.14*	
		For >500, Deduct	*-2.57*	
05 05 23 00-0903	EA	9/16" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	23.62	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	
05 05 23 00-0904	EA	9/16" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt	25.00	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	
05 05 23 00-0905	EA	9/16" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	27.42	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	
05 05 23 00-0906	EA	9/16" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt	31.20	
		For >100 To 250, Deduct	*-1.80*	
		For >250 To 500, Deduct	*-2.25*	
		For >500, Deduct	*-2.70*	
05 05 23 00-0907	EA	9/16" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	31.75	
		For >100 To 250, Deduct	*-1.80*	
		For >250 To 500, Deduct	*-2.25*	
		For >500, Deduct	*-2.70*	
05 05 23 00-0908	EA	9/16" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt	36.86	
		For >100 To 250, Deduct	*-1.80*	
		For >250 To 500, Deduct	*-2.25*	
		For >500, Deduct	*-2.70*	
05 05 23 00-0909	EA	9/16" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	39.49	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.30*	
		For >500, Deduct	*-2.76*	
05 05 23 00-0910	EA	9/16" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt	42.22	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.30*	
		For >500, Deduct	*-2.76*	

05 05 23 00-0911 5/8" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts *(05 05 23 00-0815)*

05 05 23 00-0912	EA	5/8" Diameter x 1" Length, 304/18-8 Stainless Steel, Hex Head Bolt	13.83	
		For >100 To 250, Deduct	*-1.93*	
		For >250 To 500, Deduct	*-2.41*	
		For >500, Deduct	*-2.89*	
05 05 23 00-0913	EA	5/8" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	14.34	
		For >100 To 250, Deduct	*-1.93*	
		For >250 To 500, Deduct	*-2.41*	
		For >500, Deduct	*-2.89*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0914	EA	5/8" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	16.47	
		For >100 To 250, Deduct	*-1.93*	
		For >250 To 500, Deduct	*-2.41*	
		For >500, Deduct	*-2.89*	
05 05 23 00-0915	EA	5/8" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	17.04	
		For >100 To 250, Deduct	*-1.97*	
		For >250 To 500, Deduct	*-2.46*	
		For >500, Deduct	*-2.96*	
05 05 23 00-0916	EA	5/8" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt	18.05	
		For >100 To 250, Deduct	*-1.97*	
		For >250 To 500, Deduct	*-2.46*	
		For >500, Deduct	*-2.96*	
05 05 23 00-0917	EA	5/8" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	19.50	
		For >100 To 250, Deduct	*-1.97*	
		For >250 To 500, Deduct	*-2.46*	
		For >500, Deduct	*-2.96*	
05 05 23 00-0918	EA	5/8" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt	21.53	
		For >100 To 250, Deduct	*-2.01*	
		For >250 To 500, Deduct	*-2.52*	
		For >500, Deduct	*-3.02*	
05 05 23 00-0919	EA	5/8" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	21.55	
		For >100 To 250, Deduct	*-2.01*	
		For >250 To 500, Deduct	*-2.52*	
		For >500, Deduct	*-3.02*	
05 05 23 00-0920	EA	5/8" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt	23.17	
		For >100 To 250, Deduct	*-2.01*	
		For >250 To 500, Deduct	*-2.52*	
		For >500, Deduct	*-3.02*	
05 05 23 00-0921	EA	5/8" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	24.29	
		For >100 To 250, Deduct	*-2.05*	
		For >250 To 500, Deduct	*-2.57*	
		For >500, Deduct	*-3.08*	
05 05 23 00-0922	EA	5/8" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt	25.76	
		For >100 To 250, Deduct	*-2.05*	
		For >250 To 500, Deduct	*-2.57*	
		For >500, Deduct	*-3.08*	
05 05 23 00-0923	EA	5/8" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	31.11	
		For >100 To 250, Deduct	*-2.05*	
		For >250 To 500, Deduct	*-2.57*	
		For >500, Deduct	*-3.08*	
05 05 23 00-0924	EA	5/8" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt	34.26	
		For >100 To 250, Deduct	*-2.10*	
		For >250 To 500, Deduct	*-2.62*	
		For >500, Deduct	*-3.15*	
05 05 23 00-0925	EA	5/8" Diameter x 7-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	36.68	
		For >100 To 250, Deduct	*-2.10*	
		For >250 To 500, Deduct	*-2.62*	
		For >500, Deduct	*-3.15*	
05 05 23 00-0926	EA	5/8" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Head Bolt	37.78	
		For >100 To 250, Deduct	*-2.10*	
		For >250 To 500, Deduct	*-2.62*	
		For >500, Deduct	*-3.15*	
05 05 23 00-0927	EA	5/8" Diameter x 8-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	42.46	
		For >100 To 250, Deduct	*-2.14*	
		For >250 To 500, Deduct	*-2.68*	
		For >500, Deduct	*-3.21*	
05 05 23 00-0928	EA	5/8" Diameter x 9" Length, 304/18-8 Stainless Steel, Hex Head Bolt	43.89	
		For >100 To 250, Deduct	*-2.14*	
		For >250 To 500, Deduct	*-2.68*	
		For >500, Deduct	*-3.21*	
05 05 23 00-0929	EA	5/8" Diameter x 9-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	50.25	
		For >100 To 250, Deduct	*-2.14*	
		For >250 To 500, Deduct	*-2.68*	
		For >500, Deduct	*-3.21*	
05 05 23 00-0930	EA	5/8" Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Head Bolt	52.87	
		For >100 To 250, Deduct	*-2.14*	
		For >250 To 500, Deduct	*-2.68*	
		For >500, Deduct	*-3.21*	

05 05 23 00-0931 3/4" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts *(05 05 23 00-0815)*

05 05 23 00-0932	EA	3/4" Diameter x 1" Length, 304/18-8 Stainless Steel, Hex Head Bolt	16.15	
		For >100 To 250, Deduct	*-1.93*	
		For >250 To 500, Deduct	*-2.41*	
		For >500, Deduct	*-2.89*	
05 05 23 00-0933	EA	3/4" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	17.15	
		For >100 To 250, Deduct	*-1.93*	
		For >250 To 500, Deduct	*-2.41*	
		For >500, Deduct	*-2.89*	
05 05 23 00-0934	EA	3/4" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	18.46	
		For >100 To 250, Deduct	*-1.93*	
		For >250 To 500, Deduct	*-2.41*	
		For >500, Deduct	*-2.89*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0935	EA	3/4" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	20.10	
		For >100 To 250, Deduct	*-1.97*	
		For >250 To 500, Deduct	*-2.46*	
		For >500, Deduct	*-2.96*	
05 05 23 00-0936	EA	3/4" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt	21.55	
		For >100 To 250, Deduct	*-1.97*	
		For >250 To 500, Deduct	*-2.46*	
		For >500, Deduct	*-2.96*	
05 05 23 00-0937	EA	3/4" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	23.99	
		For >100 To 250, Deduct	*-1.97*	
		For >250 To 500, Deduct	*-2.46*	
		For >500, Deduct	*-2.96*	
05 05 23 00-0938	EA	3/4" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt	25.65	
		For >100 To 250, Deduct	*-2.01*	
		For >250 To 500, Deduct	*-2.52*	
		For >500, Deduct	*-3.02*	
05 05 23 00-0939	EA	3/4" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	27.91	
		For >100 To 250, Deduct	*-2.01*	
		For >250 To 500, Deduct	*-2.52*	
		For >500, Deduct	*-3.02*	
05 05 23 00-0940	EA	3/4" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt	29.73	
		For >100 To 250, Deduct	*-2.01*	
		For >250 To 500, Deduct	*-2.52*	
		For >500, Deduct	*-3.02*	
05 05 23 00-0941	EA	3/4" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	31.81	
		For >100 To 250, Deduct	*-2.05*	
		For >250 To 500, Deduct	*-2.57*	
		For >500, Deduct	*-3.08*	
05 05 23 00-0942	EA	3/4" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt	33.92	
		For >100 To 250, Deduct	*-2.05*	
		For >250 To 500, Deduct	*-2.57*	
		For >500, Deduct	*-3.08*	
05 05 23 00-0943	EA	3/4" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	37.89	
		For >100 To 250, Deduct	*-2.05*	
		For >250 To 500, Deduct	*-2.57*	
		For >500, Deduct	*-3.08*	
05 05 23 00-0944	EA	3/4" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt	48.64	
		For >100 To 250, Deduct	*-2.10*	
		For >250 To 500, Deduct	*-2.62*	
		For >500, Deduct	*-3.15*	
05 05 23 00-0945	EA	3/4" Diameter x 7-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	52.00	
		For >100 To 250, Deduct	*-2.10*	
		For >250 To 500, Deduct	*-2.62*	
		For >500, Deduct	*-3.15*	
05 05 23 00-0946	EA	3/4" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Head Bolt	59.19	
		For >100 To 250, Deduct	*-2.10*	
		For >250 To 500, Deduct	*-2.62*	
		For >500, Deduct	*-3.15*	
05 05 23 00-0947	EA	3/4" Diameter x 8-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	59.73	
		For >100 To 250, Deduct	*-2.14*	
		For >250 To 500, Deduct	*-2.68*	
		For >500, Deduct	*-3.21*	
05 05 23 00-0948	EA	3/4" Diameter x 9" Length, 304/18-8 Stainless Steel, Hex Head Bolt	60.86	
		For >100 To 250, Deduct	*-2.14*	
		For >250 To 500, Deduct	*-2.68*	
		For >500, Deduct	*-3.21*	
05 05 23 00-0949	EA	3/4" Diameter x 9-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	63.93	
		For >100 To 250, Deduct	*-2.14*	
		For >250 To 500, Deduct	*-2.68*	
		For >500, Deduct	*-3.21*	
05 05 23 00-0950	EA	3/4" Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Head Bolt	66.29	
		For >100 To 250, Deduct	*-2.14*	
		For >250 To 500, Deduct	*-2.68*	
		For >500, Deduct	*-3.21*	

05 05 23 00-0951 7/8" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts *(05 05 23 00-0815)*

05 05 23 00-0952	EA	7/8" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	23.47	
		For >100 To 250, Deduct	*-2.14*	
		For >250 To 500, Deduct	*-2.68*	
		For >500, Deduct	*-3.21*	
05 05 23 00-0953	EA	7/8" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	25.96	
		For >100 To 250, Deduct	*-2.14*	
		For >250 To 500, Deduct	*-2.68*	
		For >500, Deduct	*-3.21*	
05 05 23 00-0954	EA	7/8" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	28.07	
		For >100 To 250, Deduct	*-2.18*	
		For >250 To 500, Deduct	*-2.73*	
		For >500, Deduct	*-3.28*	
05 05 23 00-0955	EA	7/8" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt	30.59	
		For >100 To 250, Deduct	*-2.18*	
		For >250 To 500, Deduct	*-2.73*	
		For >500, Deduct	*-3.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0956	EA	7/8" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	31.41	
		For >100 To 250, Deduct	*-2.18*	
		For >250 To 500, Deduct	*-2.73*	
		For >500, Deduct	*-3.28*	
05 05 23 00-0957	EA	7/8" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt	33.69	
		For >100 To 250, Deduct	*-2.23*	
		For >250 To 500, Deduct	*-2.78*	
		For >500, Deduct	*-3.34*	
05 05 23 00-0958	EA	7/8" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	34.49	
		For >100 To 250, Deduct	*-2.23*	
		For >250 To 500, Deduct	*-2.78*	
		For >500, Deduct	*-3.34*	
05 05 23 00-0959	EA	7/8" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt	39.98	
		For >100 To 250, Deduct	*-2.23*	
		For >250 To 500, Deduct	*-2.78*	
		For >500, Deduct	*-3.34*	
05 05 23 00-0960	EA	7/8" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	41.02	
		For >100 To 250, Deduct	*-2.27*	
		For >250 To 500, Deduct	*-2.84*	
		For >500, Deduct	*-3.41*	
05 05 23 00-0961	EA	7/8" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt	43.13	
		For >100 To 250, Deduct	*-2.27*	
		For >250 To 500, Deduct	*-2.84*	
		For >500, Deduct	*-3.41*	
05 05 23 00-0962	EA	7/8" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	54.75	
		For >100 To 250, Deduct	*-2.27*	
		For >250 To 500, Deduct	*-2.84*	
		For >500, Deduct	*-3.41*	
05 05 23 00-0963	EA	7/8" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt	59.42	
		For >100 To 250, Deduct	*-2.31*	
		For >250 To 500, Deduct	*-2.89*	
		For >500, Deduct	*-3.47*	
05 05 23 00-0964	EA	7/8" Diameter x 7-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	64.63	
		For >100 To 250, Deduct	*-2.31*	
		For >250 To 500, Deduct	*-2.89*	
		For >500, Deduct	*-3.47*	
05 05 23 00-0965	EA	7/8" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Head Bolt	68.83	
		For >100 To 250, Deduct	*-2.31*	
		For >250 To 500, Deduct	*-2.89*	
		For >500, Deduct	*-3.47*	
05 05 23 00-0966	EA	7/8" Diameter x 8-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	81.80	
		For >100 To 250, Deduct	*-2.35*	
		For >250 To 500, Deduct	*-2.94*	
		For >500, Deduct	*-3.53*	
05 05 23 00-0967	EA	7/8" Diameter x 9" Length, 304/18-8 Stainless Steel, Hex Head Bolt	92.01	
		For >100 To 250, Deduct	*-2.35*	
		For >250 To 500, Deduct	*-2.94*	
		For >500, Deduct	*-3.53*	
05 05 23 00-0968	EA	7/8" Diameter x 9-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	96.74	
		For >100 To 250, Deduct	*-2.35*	
		For >250 To 500, Deduct	*-2.94*	
		For >500, Deduct	*-3.53*	
05 05 23 00-0969	EA	7/8" Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Head Bolt	101.45	
		For >100 To 250, Deduct	*-2.35*	
		For >250 To 500, Deduct	*-2.94*	
		For >500, Deduct	*-3.53*	

05 05 23 00-0970 1" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts *(05 05 23 00-0815)*

05 05 23 00-0971	EA	1" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	29.49	
		For >100 To 250, Deduct	*-2.14*	
		For >250 To 500, Deduct	*-2.68*	
		For >500, Deduct	*-3.21*	
05 05 23 00-0972	EA	1" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	31.31	
		For >100 To 250, Deduct	*-2.14*	
		For >250 To 500, Deduct	*-2.68*	
		For >500, Deduct	*-3.21*	
05 05 23 00-0973	EA	1" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	34.22	
		For >100 To 250, Deduct	*-2.18*	
		For >250 To 500, Deduct	*-2.73*	
		For >500, Deduct	*-3.28*	
05 05 23 00-0974	EA	1" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt	36.51	
		For >100 To 250, Deduct	*-2.18*	
		For >250 To 500, Deduct	*-2.73*	
		For >500, Deduct	*-3.28*	
05 05 23 00-0975	EA	1" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	40.26	
		For >100 To 250, Deduct	*-2.18*	
		For >250 To 500, Deduct	*-2.73*	
		For >500, Deduct	*-3.28*	
05 05 23 00-0976	EA	1" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt	44.69	
		For >100 To 250, Deduct	*-2.23*	
		For >250 To 500, Deduct	*-2.78*	
		For >500, Deduct	*-3.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0977	EA	1" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	47.31	
		For >100 To 250, Deduct	*-2.23*	
		For >250 To 500, Deduct	*-2.78*	
		For >500, Deduct	*-3.34*	
05 05 23 00-0978	EA	1" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt	51.17	
		For >100 To 250, Deduct	*-2.23*	
		For >250 To 500, Deduct	*-2.78*	
		For >500, Deduct	*-3.34*	
05 05 23 00-0979	EA	1" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	55.03	
		For >100 To 250, Deduct	*-2.27*	
		For >250 To 500, Deduct	*-2.84*	
		For >500, Deduct	*-3.41*	
05 05 23 00-0980	EA	1" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt	55.24	
		For >100 To 250, Deduct	*-2.27*	
		For >250 To 500, Deduct	*-2.84*	
		For >500, Deduct	*-3.41*	
05 05 23 00-0981	EA	1" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	65.61	
		For >100 To 250, Deduct	*-2.27*	
		For >250 To 500, Deduct	*-2.84*	
		For >500, Deduct	*-3.41*	
05 05 23 00-0982	EA	1" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt	78.95	
		For >100 To 250, Deduct	*-2.31*	
		For >250 To 500, Deduct	*-2.89*	
		For >500, Deduct	*-3.47*	
05 05 23 00-0983	EA	1" Diameter x 7-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	80.90	
		For >100 To 250, Deduct	*-2.31*	
		For >250 To 500, Deduct	*-2.89*	
		For >500, Deduct	*-3.47*	
05 05 23 00-0984	EA	1" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Head Bolt	82.86	
		For >100 To 250, Deduct	*-2.31*	
		For >250 To 500, Deduct	*-2.89*	
		For >500, Deduct	*-3.47*	
05 05 23 00-0985	EA	1" Diameter x 8-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	86.97	
		For >100 To 250, Deduct	*-2.35*	
		For >250 To 500, Deduct	*-2.94*	
		For >500, Deduct	*-3.53*	
05 05 23 00-0986	EA	1" Diameter x 9" Length, 304/18-8 Stainless Steel, Hex Head Bolt	92.97	
		For >100 To 250, Deduct	*-2.35*	
		For >250 To 500, Deduct	*-2.94*	
		For >500, Deduct	*-3.53*	
05 05 23 00-0987	EA	1" Diameter x 9-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	120.18	
		For >100 To 250, Deduct	*-2.35*	
		For >250 To 500, Deduct	*-2.94*	
		For >500, Deduct	*-3.53*	
05 05 23 00-0988	EA	1" Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Head Bolt	151.88	
		For >100 To 250, Deduct	*-2.35*	
		For >250 To 500, Deduct	*-2.94*	
		For >500, Deduct	*-3.53*	

05 05 23 00-0989 316 Stainless Steel, Hex Head Bolts *(05 05 23 00-0097)*

05 05 23 00-0990 1/4" Diameter, 316 Stainless Steel, Hex Head Bolts *(05 05 23 00-0989)*

05 05 23 00-0991	EA	1/2" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	8.13	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.88*	
		For >500, Deduct	*-2.25*	
05 05 23 00-0992	EA	1" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	8.42	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.88*	
		For >500, Deduct	*-2.25*	
05 05 23 00-0993	EA	1-1/2" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	8.63	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.88*	
		For >500, Deduct	*-2.25*	
05 05 23 00-0994	EA	2" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	8.77	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.88*	
		For >500, Deduct	*-2.25*	
05 05 23 00-0995	EA	2-1/2" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	9.39	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.93*	
		For >500, Deduct	*-2.31*	
05 05 23 00-0996	EA	3" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	9.76	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.93*	
		For >500, Deduct	*-2.31*	
05 05 23 00-0997	EA	3-1/2" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	10.13	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.93*	
		For >500, Deduct	*-2.31*	
05 05 23 00-0998	EA	4" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	10.64	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0999	EA	4-1/2" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	10.95	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.38*	
05 05 23 00-1000	EA	5" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	11.08	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.38*	
05 05 23 00-1001	EA	5-1/2" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	12.26	
		For >100 To 250, Deduct	*-1.63*	
		For >250 To 500, Deduct	*-2.04*	
		For >500, Deduct	*-2.44*	
05 05 23 00-1002	EA	6" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	12.52	
		For >100 To 250, Deduct	*-1.63*	
		For >250 To 500, Deduct	*-2.04*	
		For >500, Deduct	*-2.44*	
05 05 23 00-1003	EA	6-1/2" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	22.05	
		For >100 To 250, Deduct	*-1.63*	
		For >250 To 500, Deduct	*-2.04*	
		For >500, Deduct	*-2.44*	
05 05 23 00-1004	EA	7" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	33.80	
		For >100 To 250, Deduct	*-1.67*	
		For >250 To 500, Deduct	*-2.09*	
		For >500, Deduct	*-2.51*	
05 05 23 00-1005	EA	7-1/2" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	59.23	
		For >100 To 250, Deduct	*-1.67*	
		For >250 To 500, Deduct	*-2.09*	
		For >500, Deduct	*-2.51*	
05 05 23 00-1006	EA	8" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	65.03	
		For >100 To 250, Deduct	*-1.67*	
		For >250 To 500, Deduct	*-2.09*	
		For >500, Deduct	*-2.51*	

05 05 23 00-1007 5/16" Diameter, 316 Stainless Steel, Hex Head Bolts *(05 05 23 00-0989)*

05 05 23 00-1008	EA	5/16" Diameter x 1/2" Length, 316 Stainless Steel, Hex Head Bolt	8.52	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.88*	
		For >500, Deduct	*-2.25*	
05 05 23 00-1009	EA	5/16" Diameter x 1" Length, 316 Stainless Steel, Hex Head Bolt	8.85	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.88*	
		For >500, Deduct	*-2.25*	
05 05 23 00-1010	EA	5/16" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt	9.39	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.88*	
		For >500, Deduct	*-2.25*	
05 05 23 00-1011	EA	5/16" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt	9.80	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.88*	
		For >500, Deduct	*-2.25*	
05 05 23 00-1012	EA	5/16" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt	10.19	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.93*	
		For >500, Deduct	*-2.31*	
05 05 23 00-1013	EA	5/16" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt	11.03	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.93*	
		For >500, Deduct	*-2.31*	
05 05 23 00-1014	EA	5/16" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt	11.62	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.93*	
		For >500, Deduct	*-2.31*	
05 05 23 00-1015	EA	5/16" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt	12.08	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.38*	
05 05 23 00-1016	EA	5/16" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt	13.33	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.38*	
05 05 23 00-1017	EA	5/16" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt	13.58	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.38*	
05 05 23 00-1018	EA	5/16" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt	14.68	
		For >100 To 250, Deduct	*-1.63*	
		For >250 To 500, Deduct	*-2.04*	
		For >500, Deduct	*-2.44*	
05 05 23 00-1019	EA	5/16" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt	15.66	
		For >100 To 250, Deduct	*-1.63*	
		For >250 To 500, Deduct	*-2.04*	
		For >500, Deduct	*-2.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1020	EA	5/16" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt	23.77	
		For >100 To 250, Deduct	*-1.63*	
		For >250 To 500, Deduct	*-2.04*	
		For >500, Deduct	*-2.44*	
05 05 23 00-1021	EA	5/16" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt	35.50	
		For >100 To 250, Deduct	*-1.67*	
		For >250 To 500, Deduct	*-2.09*	
		For >500, Deduct	*-2.51*	

05 05 23 00-1022 3/8" Diameter, 316 Stainless Steel, Hex Head Bolts *(05 05 23 00-0989)*

05 05 23 00-1023	EA	3/8" Diameter x 1/2" Length, 316 Stainless Steel, Hex Head Bolt	9.38	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.88*	
		For >500, Deduct	*-2.25*	
05 05 23 00-1024	EA	3/8" Diameter x 1" Length, 316 Stainless Steel, Hex Head Bolt	9.51	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.88*	
		For >500, Deduct	*-2.25*	
05 05 23 00-1025	EA	3/8" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt	10.02	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.88*	
		For >500, Deduct	*-2.25*	
05 05 23 00-1026	EA	3/8" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt	11.23	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-1.88*	
		For >500, Deduct	*-2.25*	
05 05 23 00-1027	EA	3/8" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt	11.87	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.93*	
		For >500, Deduct	*-2.31*	
05 05 23 00-1028	EA	3/8" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt	12.09	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.93*	
		For >500, Deduct	*-2.31*	
05 05 23 00-1029	EA	3/8" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt	13.14	
		For >100 To 250, Deduct	*-1.54*	
		For >250 To 500, Deduct	*-1.93*	
		For >500, Deduct	*-2.31*	
05 05 23 00-1030	EA	3/8" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt	13.51	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.38*	
05 05 23 00-1031	EA	3/8" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt	14.17	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.38*	
05 05 23 00-1032	EA	3/8" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt	14.62	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-1.98*	
		For >500, Deduct	*-2.38*	
05 05 23 00-1033	EA	3/8" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt	16.30	
		For >100 To 250, Deduct	*-1.63*	
		For >250 To 500, Deduct	*-2.04*	
		For >500, Deduct	*-2.44*	
05 05 23 00-1034	EA	3/8" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt	18.08	
		For >100 To 250, Deduct	*-1.63*	
		For >250 To 500, Deduct	*-2.04*	
		For >500, Deduct	*-2.44*	
05 05 23 00-1035	EA	3/8" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt	18.16	
		For >100 To 250, Deduct	*-1.63*	
		For >250 To 500, Deduct	*-2.04*	
		For >500, Deduct	*-2.44*	
05 05 23 00-1036	EA	3/8" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt	22.88	
		For >100 To 250, Deduct	*-1.67*	
		For >250 To 500, Deduct	*-2.09*	
		For >500, Deduct	*-2.51*	
05 05 23 00-1037	EA	3/8" Diameter x 7-1/2" Length, 316 Stainless Steel, Hex Head Bolt	30.23	
		For >100 To 250, Deduct	*-1.67*	
		For >250 To 500, Deduct	*-2.09*	
		For >500, Deduct	*-2.51*	
05 05 23 00-1038	EA	3/8" Diameter x 8" Length, 316 Stainless Steel, Hex Head Bolt	38.16	
		For >100 To 250, Deduct	*-1.67*	
		For >250 To 500, Deduct	*-2.09*	
		For >500, Deduct	*-2.51*	

05 05 23 00-1039 7/16" Diameter, 316 Stainless Steel, Hex Head Bolts *(05 05 23 00-0989)*

05 05 23 00-1040	EA	7/16" Diameter x 1" Length, 316 Stainless Steel, Hex Head Bolt	12.47	
		For >100 To 250, Deduct	*-1.71*	
		For >250 To 500, Deduct	*-2.14*	
		For >500, Deduct	*-2.57*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1041	EA	7/16" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt	13.23	
		For >100 To 250, Deduct	*-1.71*	
		For >250 To 500, Deduct	*-2.14*	
		For >500, Deduct	*-2.57*	
05 05 23 00-1042	EA	7/16" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt	14.65	
		For >100 To 250, Deduct	*-1.71*	
		For >250 To 500, Deduct	*-2.14*	
		For >500, Deduct	*-2.57*	
05 05 23 00-1043	EA	7/16" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt	16.09	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	
05 05 23 00-1044	EA	7/16" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt	17.46	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	
05 05 23 00-1045	EA	7/16" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt	19.71	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	
05 05 23 00-1046	EA	7/16" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt	22.08	
		For >100 To 250, Deduct	*-1.80*	
		For >250 To 500, Deduct	*-2.25*	
		For >500, Deduct	*-2.70*	
05 05 23 00-1047	EA	7/16" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt	22.47	
		For >100 To 250, Deduct	*-1.80*	
		For >250 To 500, Deduct	*-2.25*	
		For >500, Deduct	*-2.70*	
05 05 23 00-1048	EA	7/16" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt	23.29	
		For >100 To 250, Deduct	*-1.80*	
		For >250 To 500, Deduct	*-2.25*	
		For >500, Deduct	*-2.70*	
05 05 23 00-1049	EA	7/16" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt	24.06	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.30*	
		For >500, Deduct	*-2.76*	
05 05 23 00-1050	EA	7/16" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt	24.64	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.30*	
		For >500, Deduct	*-2.76*	
05 05 23 00-1051	EA	7/16" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt	25.23	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.30*	
		For >500, Deduct	*-2.76*	
05 05 23 00-1052	EA	7/16" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt	25.91	
		For >100 To 250, Deduct	*-1.88*	
		For >250 To 500, Deduct	*-2.36*	
		For >500, Deduct	*-2.83*	

05 05 23 00-1053 1/2" Diameter, 316 Stainless Steel, Hex Head Bolts *(05 05 23 00-0989)*

05 05 23 00-1054	EA	1/2" Diameter x 1" Length, 316 Stainless Steel, Hex Head Bolt	12.43	
		For >100 To 250, Deduct	*-1.71*	
		For >250 To 500, Deduct	*-2.14*	
		For >500, Deduct	*-2.57*	
05 05 23 00-1055	EA	1/2" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt	13.25	
		For >100 To 250, Deduct	*-1.71*	
		For >250 To 500, Deduct	*-2.14*	
		For >500, Deduct	*-2.57*	
05 05 23 00-1056	EA	1/2" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt	14.40	
		For >100 To 250, Deduct	*-1.71*	
		For >250 To 500, Deduct	*-2.14*	
		For >500, Deduct	*-2.57*	
05 05 23 00-1057	EA	1/2" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt	15.98	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	
05 05 23 00-1058	EA	1/2" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt	17.25	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	
05 05 23 00-1059	EA	1/2" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt	17.56	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	
05 05 23 00-1060	EA	1/2" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt	18.31	
		For >100 To 250, Deduct	*-1.80*	
		For >250 To 500, Deduct	*-2.25*	
		For >500, Deduct	*-2.70*	
05 05 23 00-1061	EA	1/2" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt	20.75	
		For >100 To 250, Deduct	*-1.80*	
		For >250 To 500, Deduct	*-2.25*	
		For >500, Deduct	*-2.70*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1062	EA	1/2" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt	25.71	
		For >100 To 250, Deduct	*-1.80*	
		For >250 To 500, Deduct	*-2.25*	
		For >500, Deduct	*-2.70*	
05 05 23 00-1063	EA	1/2" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt	26.30	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.30*	
		For >500, Deduct	*-2.76*	
05 05 23 00-1064	EA	1/2" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt	27.08	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.30*	
		For >500, Deduct	*-2.76*	
05 05 23 00-1065	EA	1/2" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt	33.22	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.30*	
		For >500, Deduct	*-2.76*	
05 05 23 00-1066	EA	1/2" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt	37.53	
		For >100 To 250, Deduct	*-1.88*	
		For >250 To 500, Deduct	*-2.36*	
		For >500, Deduct	*-2.83*	
05 05 23 00-1067	EA	1/2" Diameter x 7-1/2" Length, 316 Stainless Steel, Hex Head Bolt	40.18	
		For >100 To 250, Deduct	*-1.88*	
		For >250 To 500, Deduct	*-2.36*	
		For >500, Deduct	*-2.83*	
05 05 23 00-1068	EA	1/2" Diameter x 8" Length, 316 Stainless Steel, Hex Head Bolt	44.58	
		For >100 To 250, Deduct	*-1.88*	
		For >250 To 500, Deduct	*-2.36*	
		For >500, Deduct	*-2.83*	
05 05 23 00-1069	EA	1/2" Diameter x 8-1/2" Length, 316 Stainless Steel, Hex Head Bolt	56.41	
		For >100 To 250, Deduct	*-1.93*	
		For >250 To 500, Deduct	*-2.41*	
		For >500, Deduct	*-2.89*	
05 05 23 00-1070	EA	1/2" Diameter x 9" Length, 316 Stainless Steel, Hex Head Bolt	63.91	
		For >100 To 250, Deduct	*-1.93*	
		For >250 To 500, Deduct	*-2.41*	
		For >500, Deduct	*-2.89*	
05 05 23 00-1071	EA	1/2" Diameter x 9-1/2" Length, 316 Stainless Steel, Hex Head Bolt	65.14	
		For >100 To 250, Deduct	*-1.93*	
		For >250 To 500, Deduct	*-2.41*	
		For >500, Deduct	*-2.89*	
05 05 23 00-1072	EA	1/2" Diameter x 10" Length, 316 Stainless Steel, Hex Head Bolt	67.06	
		For >100 To 250, Deduct	*-1.93*	
		For >250 To 500, Deduct	*-2.41*	
		For >500, Deduct	*-2.89*	

05 05 23 00-1073 9/16" Diameter, 316 Stainless Steel, Hex Head Bolts *(05 05 23 00-0989)*

05 05 23 00-1074	EA	9/16" Diameter x 1" Length, 316 Stainless Steel, Hex Head Bolt	32.98	
		For >100 To 250, Deduct	*-1.71*	
		For >250 To 500, Deduct	*-2.14*	
		For >500, Deduct	*-2.57*	
05 05 23 00-1075	EA	9/16" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt	35.67	
		For >100 To 250, Deduct	*-1.71*	
		For >250 To 500, Deduct	*-2.14*	
		For >500, Deduct	*-2.57*	
05 05 23 00-1076	EA	9/16" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt	44.70	
		For >100 To 250, Deduct	*-1.71*	
		For >250 To 500, Deduct	*-2.14*	
		For >500, Deduct	*-2.57*	
05 05 23 00-1077	EA	9/16" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt	49.97	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	
05 05 23 00-1078	EA	9/16" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt	55.30	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	
05 05 23 00-1079	EA	9/16" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt	60.63	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.19*	
		For >500, Deduct	*-2.63*	
05 05 23 00-1080	EA	9/16" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt	64.17	
		For >100 To 250, Deduct	*-1.80*	
		For >250 To 500, Deduct	*-2.25*	
		For >500, Deduct	*-2.70*	
05 05 23 00-1081	EA	9/16" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt	68.57	
		For >100 To 250, Deduct	*-1.80*	
		For >250 To 500, Deduct	*-2.25*	
		For >500, Deduct	*-2.70*	
05 05 23 00-1082	EA	9/16" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt	72.47	
		For >100 To 250, Deduct	*-1.80*	
		For >250 To 500, Deduct	*-2.25*	
		For >500, Deduct	*-2.70*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1083	EA	9/16" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt	73.86	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.30*	
		For >500, Deduct	*-2.76*	
05 05 23 00-1084	EA	9/16" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt	77.30	
		For >100 To 250, Deduct	*-1.84*	
		For >250 To 500, Deduct	*-2.30*	
		For >500, Deduct	*-2.76*	

05 05 23 00-1085 5/8" Diameter, 316 Stainless Steel, Hex Head Bolts *(05 05 23 00-0989)*

05 05 23 00-1086	EA	5/8" Diameter x 1" Length, 316 Stainless Steel, Hex Head Bolt	17.68	
		For >100 To 250, Deduct	*-1.93*	
		For >250 To 500, Deduct	*-2.41*	
		For >500, Deduct	*-2.89*	
05 05 23 00-1087	EA	5/8" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt	17.91	
		For >100 To 250, Deduct	*-1.93*	
		For >250 To 500, Deduct	*-2.41*	
		For >500, Deduct	*-2.89*	
05 05 23 00-1088	EA	5/8" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt	17.99	
		For >100 To 250, Deduct	*-1.93*	
		For >250 To 500, Deduct	*-2.41*	
		For >500, Deduct	*-2.89*	
05 05 23 00-1089	EA	5/8" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt	19.75	
		For >100 To 250, Deduct	*-1.97*	
		For >250 To 500, Deduct	*-2.46*	
		For >500, Deduct	*-2.96*	
05 05 23 00-1090	EA	5/8" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt	21.34	
		For >100 To 250, Deduct	*-1.97*	
		For >250 To 500, Deduct	*-2.46*	
		For >500, Deduct	*-2.96*	
05 05 23 00-1091	EA	5/8" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt	26.36	
		For >100 To 250, Deduct	*-1.97*	
		For >250 To 500, Deduct	*-2.46*	
		For >500, Deduct	*-2.96*	
05 05 23 00-1092	EA	5/8" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt	27.62	
		For >100 To 250, Deduct	*-2.01*	
		For >250 To 500, Deduct	*-2.52*	
		For >500, Deduct	*-3.02*	
05 05 23 00-1093	EA	5/8" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt	32.02	
		For >100 To 250, Deduct	*-2.01*	
		For >250 To 500, Deduct	*-2.52*	
		For >500, Deduct	*-3.02*	
05 05 23 00-1094	EA	5/8" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt	33.54	
		For >100 To 250, Deduct	*-2.01*	
		For >250 To 500, Deduct	*-2.52*	
		For >500, Deduct	*-3.02*	
05 05 23 00-1095	EA	5/8" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt	36.64	
		For >100 To 250, Deduct	*-2.05*	
		For >250 To 500, Deduct	*-2.57*	
		For >500, Deduct	*-3.08*	
05 05 23 00-1096	EA	5/8" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt	37.89	
		For >100 To 250, Deduct	*-2.05*	
		For >250 To 500, Deduct	*-2.57*	
		For >500, Deduct	*-3.08*	
05 05 23 00-1097	EA	5/8" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt	45.59	
		For >100 To 250, Deduct	*-2.05*	
		For >250 To 500, Deduct	*-2.57*	
		For >500, Deduct	*-3.08*	
05 05 23 00-1098	EA	5/8" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt	48.58	
		For >100 To 250, Deduct	*-2.10*	
		For >250 To 500, Deduct	*-2.62*	
		For >500, Deduct	*-3.15*	
05 05 23 00-1099	EA	5/8" Diameter x 7-1/2" Length, 316 Stainless Steel, Hex Head Bolt	49.56	
		For >100 To 250, Deduct	*-2.10*	
		For >250 To 500, Deduct	*-2.62*	
		For >500, Deduct	*-3.15*	
05 05 23 00-1100	EA	5/8" Diameter x 8" Length, 316 Stainless Steel, Hex Head Bolt	53.15	
		For >100 To 250, Deduct	*-2.10*	
		For >250 To 500, Deduct	*-2.62*	
		For >500, Deduct	*-3.15*	
05 05 23 00-1101	EA	5/8" Diameter x 8-1/2" Length, 316 Stainless Steel, Hex Head Bolt	56.60	
		For >100 To 250, Deduct	*-2.14*	
		For >250 To 500, Deduct	*-2.68*	
		For >500, Deduct	*-3.21*	
05 05 23 00-1102	EA	5/8" Diameter x 9" Length, 316 Stainless Steel, Hex Head Bolt	59.65	
		For >100 To 250, Deduct	*-2.14*	
		For >250 To 500, Deduct	*-2.68*	
		For >500, Deduct	*-3.21*	
05 05 23 00-1103	EA	5/8" Diameter x 9-1/2" Length, 316 Stainless Steel, Hex Head Bolt	74.18	
		For >100 To 250, Deduct	*-2.14*	
		For >250 To 500, Deduct	*-2.68*	
		For >500, Deduct	*-3.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1104	EA	5/8" Diameter x 10" Length, 316 Stainless Steel, Hex Head Bolt	89.71	
		For >100 To 250, Deduct	*-2.14*	
		For >250 To 500, Deduct	*-2.68*	
		For >500, Deduct	*-3.21*	

05 05 23 00-1105 3/4" Diameter, 316 Stainless Steel, Hex Head Bolts *(05 05 23 00-0989)*

05 05 23 00-1106	EA	3/4" Diameter x 1" Length, 316 Stainless Steel, Hex Head Bolt	23.79	
		For >100 To 250, Deduct	*-1.93*	
		For >250 To 500, Deduct	*-2.41*	
		For >500, Deduct	*-2.89*	
05 05 23 00-1107	EA	3/4" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt	24.34	
		For >100 To 250, Deduct	*-1.93*	
		For >250 To 500, Deduct	*-2.41*	
		For >500, Deduct	*-2.89*	
05 05 23 00-1108	EA	3/4" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt	26.43	
		For >100 To 250, Deduct	*-1.93*	
		For >250 To 500, Deduct	*-2.41*	
		For >500, Deduct	*-2.89*	
05 05 23 00-1109	EA	3/4" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt	28.48	
		For >100 To 250, Deduct	*-1.97*	
		For >250 To 500, Deduct	*-2.46*	
		For >500, Deduct	*-2.96*	
05 05 23 00-1110	EA	3/4" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt	32.39	
		For >100 To 250, Deduct	*-1.97*	
		For >250 To 500, Deduct	*-2.46*	
		For >500, Deduct	*-2.96*	
05 05 23 00-1111	EA	3/4" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt	34.66	
		For >100 To 250, Deduct	*-1.97*	
		For >250 To 500, Deduct	*-2.46*	
		For >500, Deduct	*-2.96*	
05 05 23 00-1112	EA	3/4" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt	39.69	
		For >100 To 250, Deduct	*-2.01*	
		For >250 To 500, Deduct	*-2.52*	
		For >500, Deduct	*-3.02*	
05 05 23 00-1113	EA	3/4" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt	41.68	
		For >100 To 250, Deduct	*-2.01*	
		For >250 To 500, Deduct	*-2.52*	
		For >500, Deduct	*-3.02*	
05 05 23 00-1114	EA	3/4" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt	42.78	
		For >100 To 250, Deduct	*-2.01*	
		For >250 To 500, Deduct	*-2.52*	
		For >500, Deduct	*-3.02*	
05 05 23 00-1115	EA	3/4" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt	44.45	
		For >100 To 250, Deduct	*-2.05*	
		For >250 To 500, Deduct	*-2.57*	
		For >500, Deduct	*-3.08*	
05 05 23 00-1116	EA	3/4" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt	46.95	
		For >100 To 250, Deduct	*-2.05*	
		For >250 To 500, Deduct	*-2.57*	
		For >500, Deduct	*-3.08*	
05 05 23 00-1117	EA	3/4" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt	54.65	
		For >100 To 250, Deduct	*-2.05*	
		For >250 To 500, Deduct	*-2.57*	
		For >500, Deduct	*-3.08*	
05 05 23 00-1118	EA	3/4" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt	66.00	
		For >100 To 250, Deduct	*-2.10*	
		For >250 To 500, Deduct	*-2.62*	
		For >500, Deduct	*-3.15*	
05 05 23 00-1119	EA	3/4" Diameter x 7-1/2" Length, 316 Stainless Steel, Hex Head Bolt	74.68	
		For >100 To 250, Deduct	*-2.10*	
		For >250 To 500, Deduct	*-2.62*	
		For >500, Deduct	*-3.15*	
05 05 23 00-1120	EA	3/4" Diameter x 8" Length, 316 Stainless Steel, Hex Head Bolt	75.98	
		For >100 To 250, Deduct	*-2.10*	
		For >250 To 500, Deduct	*-2.62*	
		For >500, Deduct	*-3.15*	
05 05 23 00-1121	EA	3/4" Diameter x 8-1/2" Length, 316 Stainless Steel, Hex Head Bolt	81.41	
		For >100 To 250, Deduct	*-2.14*	
		For >250 To 500, Deduct	*-2.68*	
		For >500, Deduct	*-3.21*	
05 05 23 00-1122	EA	3/4" Diameter x 9" Length, 316 Stainless Steel, Hex Head Bolt	94.56	
		For >100 To 250, Deduct	*-2.14*	
		For >250 To 500, Deduct	*-2.68*	
		For >500, Deduct	*-3.21*	
05 05 23 00-1123	EA	3/4" Diameter x 9-1/2" Length, 316 Stainless Steel, Hex Head Bolt	95.67	
		For >100 To 250, Deduct	*-2.14*	
		For >250 To 500, Deduct	*-2.68*	
		For >500, Deduct	*-3.21*	
05 05 23 00-1124	EA	3/4" Diameter x 10" Length, 316 Stainless Steel, Hex Head Bolt	98.44	
		For >100 To 250, Deduct	*-2.14*	
		For >250 To 500, Deduct	*-2.68*	
		For >500, Deduct	*-3.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1125		**7/8" Diameter, 316 Stainless Steel, Hex Head Bolts** *(05 05 23 00-0989)*		
05 05 23 00-1126	EA	7/8" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt	26.85	
		For >100 To 250, Deduct	*-2.14*	
		For >250 To 500, Deduct	*-2.68*	
		For >500, Deduct	*-3.21*	
05 05 23 00-1127	EA	7/8" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt	30.47	
		For >100 To 250, Deduct	*-2.14*	
		For >250 To 500, Deduct	*-2.68*	
		For >500, Deduct	*-3.21*	
05 05 23 00-1128	EA	7/8" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt	32.66	
		For >100 To 250, Deduct	*-2.18*	
		For >250 To 500, Deduct	*-2.73*	
		For >500, Deduct	*-3.28*	
05 05 23 00-1129	EA	7/8" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt	37.72	
		For >100 To 250, Deduct	*-2.18*	
		For >250 To 500, Deduct	*-2.73*	
		For >500, Deduct	*-3.28*	
05 05 23 00-1130	EA	7/8" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt	39.99	
		For >100 To 250, Deduct	*-2.18*	
		For >250 To 500, Deduct	*-2.73*	
		For >500, Deduct	*-3.28*	
05 05 23 00-1131	EA	7/8" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt	42.19	
		For >100 To 250, Deduct	*-2.23*	
		For >250 To 500, Deduct	*-2.78*	
		For >500, Deduct	*-3.34*	
05 05 23 00-1132	EA	7/8" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt	45.25	
		For >100 To 250, Deduct	*-2.23*	
		For >250 To 500, Deduct	*-2.78*	
		For >500, Deduct	*-3.34*	
05 05 23 00-1133	EA	7/8" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt	52.15	
		For >100 To 250, Deduct	*-2.23*	
		For >250 To 500, Deduct	*-2.78*	
		For >500, Deduct	*-3.34*	
05 05 23 00-1134	EA	7/8" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt	52.55	
		For >100 To 250, Deduct	*-2.27*	
		For >250 To 500, Deduct	*-2.84*	
		For >500, Deduct	*-3.41*	
05 05 23 00-1135	EA	7/8" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt	54.83	
		For >100 To 250, Deduct	*-2.27*	
		For >250 To 500, Deduct	*-2.84*	
		For >500, Deduct	*-3.41*	
05 05 23 00-1136	EA	7/8" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt	74.13	
		For >100 To 250, Deduct	*-2.27*	
		For >250 To 500, Deduct	*-2.84*	
		For >500, Deduct	*-3.41*	
05 05 23 00-1137	EA	7/8" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt	82.86	
		For >100 To 250, Deduct	*-2.31*	
		For >250 To 500, Deduct	*-2.89*	
		For >500, Deduct	*-3.47*	
05 05 23 00-1138	EA	7/8" Diameter x 7-1/2" Length, 316 Stainless Steel, Hex Head Bolt	92.02	
		For >100 To 250, Deduct	*-2.31*	
		For >250 To 500, Deduct	*-2.89*	
		For >500, Deduct	*-3.47*	
05 05 23 00-1139	EA	7/8" Diameter x 8" Length, 316 Stainless Steel, Hex Head Bolt	96.53	
		For >100 To 250, Deduct	*-2.31*	
		For >250 To 500, Deduct	*-2.89*	
		For >500, Deduct	*-3.47*	
05 05 23 00-1140	EA	7/8" Diameter x 8-1/2" Length, 316 Stainless Steel, Hex Head Bolt	102.60	
		For >100 To 250, Deduct	*-2.35*	
		For >250 To 500, Deduct	*-2.94*	
		For >500, Deduct	*-3.53*	
05 05 23 00-1141	EA	7/8" Diameter x 9" Length, 316 Stainless Steel, Hex Head Bolt	106.52	
		For >100 To 250, Deduct	*-2.35*	
		For >250 To 500, Deduct	*-2.94*	
		For >500, Deduct	*-3.53*	
05 05 23 00-1142	EA	7/8" Diameter x 9-1/2" Length, 316 Stainless Steel, Hex Head Bolt	110.41	
		For >100 To 250, Deduct	*-2.35*	
		For >250 To 500, Deduct	*-2.94*	
		For >500, Deduct	*-3.53*	
05 05 23 00-1143	EA	7/8" Diameter x 10" Length, 316 Stainless Steel, Hex Head Bolt	114.79	
		For >100 To 250, Deduct	*-2.35*	
		For >250 To 500, Deduct	*-2.94*	
		For >500, Deduct	*-3.53*	
05 05 23 00-1144		**1" Diameter, 316 Stainless Steel, Hex Head Bolts** *(05 05 23 00-0989)*		
05 05 23 00-1145	EA	1" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt	34.80	
		For >100 To 250, Deduct	*-2.14*	
		For >250 To 500, Deduct	*-2.68*	
		For >500, Deduct	*-3.21*	
05 05 23 00-1146	EA	1" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt	40.59	
		For >100 To 250, Deduct	*-2.18*	
		For >250 To 500, Deduct	*-2.73*	
		For >500, Deduct	*-3.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1147	EA	1" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt	44.32	
		For >100 To 250, Deduct	*-2.18*	
		For >250 To 500, Deduct	*-2.73*	
		For >500, Deduct	*-3.28*	
05 05 23 00-1148	EA	1" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt	50.28	
		For >100 To 250, Deduct	*-2.18*	
		For >250 To 500, Deduct	*-2.73*	
		For >500, Deduct	*-3.28*	
05 05 23 00-1149	EA	1" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt	52.62	
		For >100 To 250, Deduct	*-2.23*	
		For >250 To 500, Deduct	*-2.78*	
		For >500, Deduct	*-3.34*	
05 05 23 00-1150	EA	1" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt	56.66	
		For >100 To 250, Deduct	*-2.23*	
		For >250 To 500, Deduct	*-2.78*	
		For >500, Deduct	*-3.34*	
05 05 23 00-1151	EA	1" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt	60.74	
		For >100 To 250, Deduct	*-2.23*	
		For >250 To 500, Deduct	*-2.78*	
		For >500, Deduct	*-3.34*	
05 05 23 00-1152	EA	1" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt	65.07	
		For >100 To 250, Deduct	*-2.27*	
		For >250 To 500, Deduct	*-2.84*	
		For >500, Deduct	*-3.41*	
05 05 23 00-1153	EA	1" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt	75.61	
		For >100 To 250, Deduct	*-2.27*	
		For >250 To 500, Deduct	*-2.84*	
		For >500, Deduct	*-3.41*	
05 05 23 00-1154	EA	1" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt	86.01	
		For >100 To 250, Deduct	*-2.27*	
		For >250 To 500, Deduct	*-2.84*	
		For >500, Deduct	*-3.41*	
05 05 23 00-1155	EA	1" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt	100.44	
		For >100 To 250, Deduct	*-2.31*	
		For >250 To 500, Deduct	*-2.89*	
		For >500, Deduct	*-3.47*	
05 05 23 00-1156	EA	1" Diameter x 7-1/2" Length, 316 Stainless Steel, Hex Head Bolt	112.39	
		For >100 To 250, Deduct	*-2.31*	
		For >250 To 500, Deduct	*-2.89*	
		For >500, Deduct	*-3.47*	
05 05 23 00-1157	EA	1" Diameter x 8" Length, 316 Stainless Steel, Hex Head Bolt	114.11	
		For >100 To 250, Deduct	*-2.31*	
		For >250 To 500, Deduct	*-2.89*	
		For >500, Deduct	*-3.47*	
05 05 23 00-1158	EA	1" Diameter x 8-1/2" Length, 316 Stainless Steel, Hex Head Bolt	118.22	
		For >100 To 250, Deduct	*-2.35*	
		For >250 To 500, Deduct	*-2.94*	
		For >500, Deduct	*-3.53*	
05 05 23 00-1159	EA	1" Diameter x 9" Length, 316 Stainless Steel, Hex Head Bolt	119.87	
		For >100 To 250, Deduct	*-2.35*	
		For >250 To 500, Deduct	*-2.94*	
		For >500, Deduct	*-3.53*	
05 05 23 00-1160	EA	1" Diameter x 9-1/2" Length, 316 Stainless Steel, Hex Head Bolt	139.71	
		For >100 To 250, Deduct	*-2.35*	
		For >250 To 500, Deduct	*-2.94*	
		For >500, Deduct	*-3.53*	
05 05 23 00-1161	EA	1" Diameter x 10" Length, 316 Stainless Steel, Hex Head Bolt	158.87	
		For >100 To 250, Deduct	*-2.35*	
		For >250 To 500, Deduct	*-2.94*	
		For >500, Deduct	*-3.53*	

05 05 23 00-1162 Screws *(05 05 23)*

05 05 23 00-1163 Teks® 5 Self Drilling Screws *(05 05 23 00-1162)*

Note: Includes Climaseal® finish, self-drill point and tapping threads.

05 05 23 00-1164	EA	12-24 x 1-1/4", Hex Washer Head, Teks® 5 Self Drilling Screw	4.09	
		For >10 To 50, Deduct	*-0.18*	
		For >50 To 100, Deduct	*-0.37*	
		For >100, Deduct	*-0.74*	
05 05 23 00-1165	EA	12-24 x 1-1/2", Hex Washer Head, Teks® 5 Self Drilling Screw	4.28	
		For >10 To 50, Deduct	*-0.18*	
		For >50 To 100, Deduct	*-0.37*	
		For >100, Deduct	*-0.75*	
05 05 23 00-1166	EA	12-24 x 2", Hex Washer Head, Teks® 5 Self Drilling Screw	4.78	
		For >10 To 50, Deduct	*-0.19*	
		For >50 To 100, Deduct	*-0.40*	
		For >100, Deduct	*-0.81*	
05 05 23 00-1167	EA	1/4" x 3", 28 TPI, Hex Washer Head, Teks® 5 Self Drilling Screw	6.62	
		For >10 To 50, Deduct	*-0.24*	
		For >50 To 100, Deduct	*-0.52*	
		For >100, Deduct	*-1.05*	
05 05 23 00-1168	EA	1/4" x 4", 28 TPI, Hex Washer Head, Teks® 5 Self Drilling Screw	7.07	
		For >10 To 50, Deduct	*-0.25*	
		For >50 To 100, Deduct	*-0.55*	
		For >100, Deduct	*-1.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1169	EA	1/4" x 6", 28 TPI, Hex Washer Head, Teks® 5 Self Drilling Screw	8.81	
		For >10 To 50, Deduct	*-0.26*	
		For >50 To 100, Deduct	*-0.61*	
		For >100, Deduct	*-1.23*	
05 05 23 00-1170	EA	1/4" x 8", 28 TPI, Hex Washer Head, Teks® 5 Self Drilling Screw	9.88	
		For >10 To 50, Deduct	*-0.27*	
		For >50 To 100, Deduct	*-0.66*	
		For >100, Deduct	*-1.31*	

05 05 23 00-1171 Security Screws *(05 05 23 00-1162)*

05 05 23 00-1172 304/18-8 Stainless Steel, Security Screws *(05 05 23 00-1171)*

Note: Includes "security" style drive in machine or sheet metal screw threads.

05 05 23 00-1173	EA	#4 Diameter x 1/2" Length, 304/18-8 Stainless Steel, Security Screws	3.21	
		For >10 To 50, Deduct	*-0.15*	
		For >50 To 100, Deduct	*-0.31*	
		For >100, Deduct	*-0.61*	
05 05 23 00-1174	EA	#6 Diameter x 1/2" Length, 304/18-8 Stainless Steel, Security Screw	3.77	
		For >10 To 50, Deduct	*-0.15*	
		For >50 To 100, Deduct	*-0.32*	
		For >100, Deduct	*-0.64*	
05 05 23 00-1175	EA	#6 Diameter x 1" Length, 304/18-8 Stainless Steel, Security Screw	4.25	
		For >10 To 50, Deduct	*-0.15*	
		For >50 To 100, Deduct	*-0.33*	
		For >100, Deduct	*-0.66*	
05 05 23 00-1176	EA	#6 Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Security Screw	4.42	
		For >10 To 50, Deduct	*-0.15*	
		For >50 To 100, Deduct	*-0.34*	
		For >100, Deduct	*-0.67*	
05 05 23 00-1177	EA	#6 Diameter x 2" Length, 304/18-8 Stainless Steel, Security Screw	4.73	
		For >10 To 50, Deduct	*-0.15*	
		For >50 To 100, Deduct	*-0.34*	
		For >100, Deduct	*-0.69*	
05 05 23 00-1178	EA	#8 Diameter x 1/2" Length, 304/18-8 Stainless Steel, Security Screw	3.90	
		For >10 To 50, Deduct	*-0.15*	
		For >50 To 100, Deduct	*-0.32*	
		For >100, Deduct	*-0.65*	
05 05 23 00-1179	EA	#8 Diameter x 1" Length, 304/18-8 Stainless Steel, Security Screw	4.13	
		For >10 To 50, Deduct	*-0.15*	
		For >50 To 100, Deduct	*-0.33*	
		For >100, Deduct	*-0.66*	
05 05 23 00-1180	EA	#8 Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Security Screw	4.60	
		For >10 To 50, Deduct	*-0.15*	
		For >50 To 100, Deduct	*-0.34*	
		For >100, Deduct	*-0.68*	
05 05 23 00-1181	EA	#8 Diameter x 2" Length, 304/18-8 Stainless Steel, Security Screw	4.75	
		For >10 To 50, Deduct	*-0.15*	
		For >50 To 100, Deduct	*-0.34*	
		For >100, Deduct	*-0.69*	
05 05 23 00-1182	EA	#10 Diameter x 1/2" Length, 304/18-8 Stainless Steel, Security Screw	4.04	
		For >10 To 50, Deduct	*-0.15*	
		For >50 To 100, Deduct	*-0.33*	
		For >100, Deduct	*-0.65*	
05 05 23 00-1183	EA	#10 Diameter x 1" Length, 304/18-8 Stainless Steel, Security Screw	4.10	
		For >10 To 50, Deduct	*-0.15*	
		For >50 To 100, Deduct	*-0.33*	
		For >100, Deduct	*-0.66*	
05 05 23 00-1184	EA	#10 Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Security Screw	4.31	
		For >10 To 50, Deduct	*-0.15*	
		For >50 To 100, Deduct	*-0.33*	
		For >100, Deduct	*-0.67*	
05 05 23 00-1185	EA	#10 Diameter x 2" Length, 304/18-8 Stainless Steel, Security Screw	4.96	
		For >10 To 50, Deduct	*-0.15*	
		For >50 To 100, Deduct	*-0.35*	
		For >100, Deduct	*-0.70*	
05 05 23 00-1186	EA	1/4" Diameter x 1/2" Length, 304/18-8 Stainless Steel, Security Screw	4.42	
		For >10 To 50, Deduct	*-0.15*	
		For >50 To 100, Deduct	*-0.34*	
		For >100, Deduct	*-0.67*	
05 05 23 00-1187	EA	1/4" Diameter x 1" Length, 304/18-8 Stainless Steel, Security Screw	4.56	
		For >10 To 50, Deduct	*-0.15*	
		For >50 To 100, Deduct	*-0.34*	
		For >100, Deduct	*-0.68*	
05 05 23 00-1188	EA	1/4" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Security Screw	5.19	
		For >10 To 50, Deduct	*-0.15*	
		For >50 To 100, Deduct	*-0.35*	
		For >100, Deduct	*-0.71*	
05 05 23 00-1189	EA	1/4" Diameter x 2" Length, 304/18-8 Stainless Steel, Security Screw	6.17	
		For >10 To 50, Deduct	*-0.15*	
		For >50 To 100, Deduct	*-0.38*	
		For >100, Deduct	*-0.76*	

05 05 23 00-1190 Threaded Rod *(05 05 23)*

Note: Fully threaded. See CSI section 05 05 19 00-0169 for anchoring adhesive, 05 05 23 00-1283 for nuts and

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
		washers.		
05 05 23 00-1191		**Plain Finish Steel, Low Carbon Threaded Rod** *(05 05 23 00-1190)*		
05 05 23 00-1192	LF	1/4" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	3.42	0.66
		For Left Hand Threaded Rod, Add	*0.21*	
05 05 23 00-1193	LF	5/16" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	4.62	0.73
		For Left Hand Threaded Rod, Add	*0.32*	
05 05 23 00-1194	LF	3/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	5.38	0.85
		For Left Hand Threaded Rod, Add	*0.37*	
05 05 23 00-1195	LF	7/16" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	7.48	0.87
		For Left Hand Threaded Rod, Add	*0.58*	
05 05 23 00-1196	LF	1/2" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	7.67	0.90
		For Left Hand Threaded Rod, Add	*0.59*	
05 05 23 00-1197	LF	9/16" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	9.67	0.91
		For Left Hand Threaded Rod, Add	*0.79*	
05 05 23 00-1198	LF	5/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	10.98	0.92
		For Left Hand Threaded Rod, Add	*0.91*	
05 05 23 00-1199	LF	3/4" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	18.49	0.95
		For Left Hand Threaded Rod, Add	*1.66*	
05 05 23 00-1200	LF	7/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	20.20	0.98
		For Left Hand Threaded Rod, Add	*1.82*	
05 05 23 00-1201	LF	1" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	27.83	1.11
		For Left Hand Threaded Rod, Add	*2.56*	
05 05 23 00-1202	LF	1-1/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	34.77	1.24
		For Left Hand Threaded Rod, Add	*3.23*	
05 05 23 00-1203	LF	1-1/4" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	46.35	1.34
		For Left Hand Threaded Rod, Add	*4.36*	
05 05 23 00-1204	LF	1-3/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	57.91	1.45
		For Left Hand Threaded Rod, Add	*5.50*	
05 05 23 00-1205	LF	1-1/2" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	69.46	1.52
		For Left Hand Threaded Rod, Add	*6.64*	
05 05 23 00-1206	LF	1-3/4" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	85.43	1.59
		For Left Hand Threaded Rod, Add	*8.23*	
05 05 23 00-1207	LF	2" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	109.43	1.67
		For Left Hand Threaded Rod, Add	*10.61*	
05 05 23 00-1208		**Zinc Plated Steel, Low Carbon Threaded Rod** *(05 05 23 00-1190)*		
05 05 23 00-1209	LF	1/4" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	3.45	0.66
		For Left Hand Threaded Rod, Add	*0.21*	
05 05 23 00-1210	LF	5/16" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	5.31	0.73
		For Left Hand Threaded Rod, Add	*0.38*	
05 05 23 00-1211	LF	3/8" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	5.90	0.85
		For Left Hand Threaded Rod, Add	*0.42*	
05 05 23 00-1212	LF	7/16" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	8.79	0.87
		For Left Hand Threaded Rod, Add	*0.71*	
05 05 23 00-1213	LF	1/2" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	9.49	0.90
		For Left Hand Threaded Rod, Add	*0.77*	
05 05 23 00-1214	LF	9/16" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	12.66	0.91
		For Left Hand Threaded Rod, Add	*1.09*	
05 05 23 00-1215	LF	5/8" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	13.47	0.92
		For Left Hand Threaded Rod, Add	*1.16*	
05 05 23 00-1216	LF	3/4" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	20.63	0.95
		For Left Hand Threaded Rod, Add	*1.87*	
05 05 23 00-1217	LF	7/8" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	26.94	0.98
		For Left Hand Threaded Rod, Add	*2.50*	
05 05 23 00-1218	LF	1" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	36.33	1.11
		For Left Hand Threaded Rod, Add	*3.41*	
05 05 23 00-1219	LF	1-1/8" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	47.06	1.24
		For Left Hand Threaded Rod, Add	*4.46*	
05 05 23 00-1220	LF	1-1/4" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	56.23	1.34
		For Left Hand Threaded Rod, Add	*5.35*	
05 05 23 00-1221	LF	1-3/8" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	64.04	1.45
		For Left Hand Threaded Rod, Add	*6.11*	
05 05 23 00-1222	LF	1-1/2" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	80.90	1.52
		For Left Hand Threaded Rod, Add	*7.79*	
05 05 23 00-1223	LF	1-3/4" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	100.50	1.59
		For Left Hand Threaded Rod, Add	*9.73*	
05 05 23 00-1224	LF	2" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	147.20	1.67
		For Left Hand Threaded Rod, Add	*14.39*	
05 05 23 00-1225		**Hot Dipped Galvanized Steel, Low Carbon Threaded Rod** *(05 05 23 00-1190)*		
05 05 23 00-1226	LF	3/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod	10.18	0.85
		For Left Hand Threaded Rod, Add	*0.85*	
05 05 23 00-1227	LF	1/2" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod	14.48	0.90
		For Left Hand Threaded Rod, Add	*1.27*	
05 05 23 00-1228	LF	5/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod	19.80	0.92
		For Left Hand Threaded Rod, Add	*1.80*	
05 05 23 00-1229	LF	3/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod	27.44	0.95
		For Left Hand Threaded Rod, Add	*2.56*	
05 05 23 00-1230	LF	7/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod	38.28	0.98
		For Left Hand Threaded Rod, Add	*3.63*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1231	LF	1" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod	49.53	1.11
		For Left Hand Threaded Rod, Add	*4.73*	
05 05 23 00-1232	LF	1-1/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod	65.35	1.24
		For Left Hand Threaded Rod, Add	*6.29*	
05 05 23 00-1233	LF	1-1/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod	86.15	1.34
		For Left Hand Threaded Rod, Add	*8.34*	
05 05 23 00-1234	LF	1-3/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod	96.37	1.45
		For Left Hand Threaded Rod, Add	*9.35*	
05 05 23 00-1235	LF	1-1/2" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod	114.90	1.52
		For Left Hand Threaded Rod, Add	*11.19*	
05 05 23 00-1236	LF	1-3/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod	139.82	1.59
		For Left Hand Threaded Rod, Add	*13.66*	
05 05 23 00-1237	LF	2" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod	245.00	1.67
		For Left Hand Threaded Rod, Add	*24.17*	

05 05 23 00-1238 304/18-8 Stainless Steel Threaded Rod *(05 05 23 00-1190)*

05 05 23 00-1239	LF	1/4" Diameter, 304/18-8 Stainless Steel Threaded Rod	4.29	0.66
		For Left Hand Threaded Rod, Add	*0.30*	
05 05 23 00-1240	LF	5/16" Diameter, 304/18-8 Stainless Steel Threaded Rod	6.51	0.73
		For Left Hand Threaded Rod, Add	*0.50*	
05 05 23 00-1241	LF	3/8" Diameter, 304/18-8 Stainless Steel Threaded Rod	8.40	0.85
		For Left Hand Threaded Rod, Add	*0.67*	
05 05 23 00-1242	LF	7/16" Diameter, 304/18-8 Stainless Steel Threaded Rod	11.73	0.87
		For Left Hand Threaded Rod, Add	*1.00*	
05 05 23 00-1243	LF	1/2" Diameter, 304/18-8 Stainless Steel Threaded Rod	14.10	0.90
		For Left Hand Threaded Rod, Add	*1.23*	
05 05 23 00-1244	LF	9/16" Diameter, 304/18-8 Stainless Steel Threaded Rod	20.37	0.91
		For Left Hand Threaded Rod, Add	*1.86*	
05 05 23 00-1245	LF	5/8" Diameter, 304/18-8 Stainless Steel Threaded Rod	21.27	0.92
		For Left Hand Threaded Rod, Add	*1.94*	
05 05 23 00-1246	LF	3/4" Diameter, 304/18-8 Stainless Steel Threaded Rod	29.86	0.95
		For Left Hand Threaded Rod, Add	*2.80*	
05 05 23 00-1247	LF	7/8" Diameter, 304/18-8 Stainless Steel Threaded Rod	41.15	0.98
		For Left Hand Threaded Rod, Add	*3.92*	
05 05 23 00-1248	LF	1" Diameter, 304/18-8 Stainless Steel Threaded Rod	52.82	1.11
		For Left Hand Threaded Rod, Add	*5.06*	
05 05 23 00-1249	LF	1-1/4" Diameter, 304/18-8 Stainless Steel Threaded Rod	112.03	1.34
		For Left Hand Threaded Rod, Add	*10.93*	
05 05 23 00-1250	LF	1-1/2" Diameter, 304/18-8 Stainless Steel Threaded Rod	170.72	1.52
		For Left Hand Threaded Rod, Add	*16.77*	
05 05 23 00-1251	LF	1-3/4" Diameter, 304/18-8 Stainless Steel Threaded Rod	175.61	1.59
		For Left Hand Threaded Rod, Add	*17.24*	
05 05 23 00-1252	LF	2" Diameter, 304/18-8 Stainless Steel Threaded Rod	243.10	1.67
		For Left Hand Threaded Rod, Add	*23.98*	

05 05 23 00-1253 316 Stainless Steel Threaded Rod *(05 05 23 00-1190)*

05 05 23 00-1254	LF	1/4" Diameter, 316 Stainless Steel Threaded Rod	6.28	0.66
		For Left Hand Threaded Rod, Add	*0.49*	
05 05 23 00-1255	LF	5/16" Diameter, 316 Stainless Steel Threaded Rod	10.19	0.73
		For Left Hand Threaded Rod, Add	*0.87*	
05 05 23 00-1256	LF	3/8" Diameter, 316 Stainless Steel Threaded Rod	13.55	0.85
		For Left Hand Threaded Rod, Add	*1.19*	
05 05 23 00-1257	LF	7/16" Diameter, 316 Stainless Steel Threaded Rod	21.25	0.87
		For Left Hand Threaded Rod, Add	*1.95*	
05 05 23 00-1258	LF	1/2" Diameter, 316 Stainless Steel Threaded Rod	22.54	0.90
		For Left Hand Threaded Rod, Add	*2.08*	
05 05 23 00-1259	LF	9/16" Diameter, 316 Stainless Steel Threaded Rod	29.64	0.91
		For Left Hand Threaded Rod, Add	*2.78*	
05 05 23 00-1260	LF	5/8" Diameter, 316 Stainless Steel Threaded Rod	31.91	0.92
		For Left Hand Threaded Rod, Add	*3.01*	
05 05 23 00-1261	LF	3/4" Diameter, 316 Stainless Steel Threaded Rod	46.61	0.95
		For Left Hand Threaded Rod, Add	*4.47*	
05 05 23 00-1262	LF	7/8" Diameter, 316 Stainless Steel Threaded Rod	63.89	0.98
		For Left Hand Threaded Rod, Add	*6.19*	
05 05 23 00-1263	LF	1" Diameter, 316 Stainless Steel Threaded Rod	80.88	1.11
		For Left Hand Threaded Rod, Add	*7.87*	
05 05 23 00-1264	LF	1-1/4" Diameter, 316 Stainless Steel Threaded Rod	170.97	1.34
		For Left Hand Threaded Rod, Add	*16.82*	
05 05 23 00-1265	LF	1-1/2" Diameter, 316 Stainless Steel Threaded Rod	224.17	1.52
		For Left Hand Threaded Rod, Add	*22.11*	

05 05 23 00-1266 Plain Finish Steel, B-7 Alloy Threaded Rod *(05 05 23 00-1190)*

05 05 23 00-1267	LF	1/4" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	6.36	0.66
		For Zinc Plating, Add	*2.51*	
05 05 23 00-1268	LF	5/16" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	10.07	0.73
		For Zinc Plating, Add	*4.30*	
05 05 23 00-1269	LF	3/8" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	10.48	0.85
		For Zinc Plating, Add	*4.41*	
05 05 23 00-1270	LF	7/16" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	11.49	0.87
		For Zinc Plating, Add	*4.89*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1271	LF	1/2" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	12.71	0.90
		For Zinc Plating, Add	*5.47*	
05 05 23 00-1272	LF	9/16" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	16.07	0.91
		For Zinc Plating, Add	*7.13*	
05 05 23 00-1273	LF	5/8" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	16.60	0.92
		For Zinc Plating, Add	*7.38*	
05 05 23 00-1274	LF	3/4" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	22.29	0.95
		For Zinc Plating, Add	*10.20*	
05 05 23 00-1275	LF	7/8" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	26.87	0.98
		For Zinc Plating, Add	*12.46*	
05 05 23 00-1276	LF	1" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	35.01	1.11
		For Zinc Plating, Add	*16.40*	
05 05 23 00-1277	LF	1-1/8" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	45.75	1.24
		For Zinc Plating, Add	*21.64*	
05 05 23 00-1278	LF	1-1/4" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	50.91	1.34
		For Zinc Plating, Add	*24.07*	
05 05 23 00-1279	LF	1-3/8" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	58.90	1.45
		For Zinc Plating, Add	*28.00*	
05 05 23 00-1280	LF	1-1/2" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	71.87	1.52
		For Zinc Plating, Add	*34.42*	
05 05 23 00-1281	LF	1-3/4" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	74.28	1.59
		For Zinc Plating, Add	*35.55*	
05 05 23 00-1282	LF	2" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod	100.14	1.67
		For Zinc Plating, Add	*48.41*	

05 05 23 00-1283 Nuts And Washers *(05 05 23)*

05 05 23 00-1284 Hex Nuts *(05 05 23 00-1283)*

05 05 23 00-1285 Zinc Plated Steel, Low Carbon/Grade 2 Hex Nuts *(05 05 23 00-1284)*

05 05 23 00-1286	EA	1/4" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	0.67	0.30
05 05 23 00-1287	EA	5/16" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	0.75	0.30
05 05 23 00-1288	EA	3/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	0.80	0.30
05 05 23 00-1289	EA	7/16" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	0.94	0.30
05 05 23 00-1290	EA	1/2" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	1.03	0.30
05 05 23 00-1291	EA	9/16" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	1.39	0.30
05 05 23 00-1292	EA	5/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	1.44	0.30
05 05 23 00-1293	EA	3/4" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	1.71	0.59
05 05 23 00-1294	EA	7/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	2.56	0.59
05 05 23 00-1295	EA	1" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	3.27	0.59
05 05 23 00-1296	EA	1-1/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	5.40	0.59
05 05 23 00-1297	EA	1-1/4" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	6.63	0.59
05 05 23 00-1298	EA	1-3/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	9.82	0.59
05 05 23 00-1299	EA	1-1/2" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	11.39	0.90
05 05 23 00-1300	EA	1-3/4" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	16.81	0.90
05 05 23 00-1301	EA	2" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	24.36	0.90

05 05 23 00-1302 Zinc Plated Steel, Grade 5 Hex Nuts *(05 05 23 00-1284)*

05 05 23 00-1303	EA	1/4" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	0.69	0.30
05 05 23 00-1304	EA	5/16" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	0.76	0.30
05 05 23 00-1305	EA	3/8" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	0.83	0.30
05 05 23 00-1306	EA	7/16" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	0.98	0.30
05 05 23 00-1307	EA	1/2" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	1.17	0.30
05 05 23 00-1308	EA	9/16" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	1.43	0.30
05 05 23 00-1309	EA	5/8" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	1.47	0.30
05 05 23 00-1310	EA	3/4" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	1.95	0.59
05 05 23 00-1311	EA	7/8" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	2.80	0.59
05 05 23 00-1312	EA	1" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	3.99	0.59
05 05 23 00-1313	EA	1-1/8" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	6.12	0.59
05 05 23 00-1314	EA	1-1/4" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	8.70	0.59
05 05 23 00-1315	EA	1-3/8" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	12.85	0.59
05 05 23 00-1316	EA	1-1/2" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	14.20	0.90
05 05 23 00-1317	EA	1-3/4" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	25.77	0.90
05 05 23 00-1318	EA	2" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	37.01	0.90

05 05 23 00-1319 Zinc Plated Steel, Grade 8 Hex Nuts *(05 05 23 00-1284)*

05 05 23 00-1320	EA	1/4" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	0.71	0.30
05 05 23 00-1321	EA	5/16" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	0.82	0.30
05 05 23 00-1322	EA	3/8" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	0.89	0.30
05 05 23 00-1323	EA	7/16" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	1.14	0.30
05 05 23 00-1324	EA	1/2" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	1.38	0.30
05 05 23 00-1325	EA	9/16" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	1.67	0.30
05 05 23 00-1326	EA	5/8" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	1.91	0.30
05 05 23 00-1327	EA	3/4" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	2.39	0.59
05 05 23 00-1328	EA	7/8" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	3.64	0.59
05 05 23 00-1329	EA	1" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	4.88	0.59
05 05 23 00-1330	EA	1-1/8" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	7.68	0.59
05 05 23 00-1331	EA	1-1/4" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	9.61	0.59
05 05 23 00-1332	EA	1-3/8" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	15.91	0.59

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1333	EA	1-1/2" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	16.89	0.90
05 05 23 00-1334	EA	1-3/4" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	25.84	0.90
05 05 23 00-1335	EA	2" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	36.60	0.90
05 05 23 00-1336		**Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nuts** *(05 05 23 00-1284)*		
05 05 23 00-1337	EA	1/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	0.71	0.30
05 05 23 00-1338	EA	5/16" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	0.80	0.30
05 05 23 00-1339	EA	3/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	0.87	0.30
05 05 23 00-1340	EA	7/16" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	1.11	0.30
05 05 23 00-1341	EA	1/2" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	1.29	0.30
05 05 23 00-1342	EA	9/16" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	1.45	0.30
05 05 23 00-1343	EA	5/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	1.61	0.30
05 05 23 00-1344	EA	3/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	2.17	0.59
05 05 23 00-1345	EA	7/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	3.20	0.59
05 05 23 00-1346	EA	1" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	4.45	0.59
05 05 23 00-1347	EA	1-1/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	7.42	0.59
05 05 23 00-1348	EA	1-1/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	9.54	0.59
05 05 23 00-1349	EA	1-3/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	14.24	0.59
05 05 23 00-1350	EA	1-1/2" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	16.63	0.90
05 05 23 00-1351	EA	1-3/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	29.13	0.90
05 05 23 00-1352	EA	2" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	50.51	0.90
05 05 23 00-1353		**304 Stainless Steel Hex Nuts** *(05 05 23 00-1284)*		
05 05 23 00-1354	EA	1/4" Diameter, 304 Stainless Steel Hex Nut	0.83	0.30
05 05 23 00-1355	EA	5/16" Diameter, 304 Stainless Steel Hex Nut	1.00	0.30
05 05 23 00-1356	EA	3/8" Diameter, 304 Stainless Steel Hex Nut	1.13	0.30
05 05 23 00-1357	EA	7/16" Diameter, 304 Stainless Steel Hex Nut	1.78	0.30
05 05 23 00-1358	EA	1/2" Diameter, 304 Stainless Steel Hex Nut	1.93	0.30
05 05 23 00-1359	EA	9/16" Diameter, 304 Stainless Steel Hex Nut	3.05	0.30
05 05 23 00-1360	EA	5/8" Diameter, 304 Stainless Steel Hex Nut	3.42	0.30
05 05 23 00-1361	EA	3/4" Diameter, 304 Stainless Steel Hex Nut	3.95	0.59
05 05 23 00-1362	EA	7/8" Diameter, 304 Stainless Steel Hex Nut	6.62	0.59
05 05 23 00-1363	EA	1" Diameter, 304 Stainless Steel Hex Nut	10.24	0.59
05 05 23 00-1364	EA	1-1/4" Diameter, 304 Stainless Steel Hex Nut	24.91	0.59
05 05 23 00-1365	EA	1-1/2" Diameter, 304 Stainless Steel Hex Nut	48.17	0.90
05 05 23 00-1366	EA	1-3/4" Diameter, 304 Stainless Steel Hex Nut	85.00	0.90
05 05 23 00-1367	EA	2" Diameter, 304 Stainless Steel Hex Nut	121.31	0.90
05 05 23 00-1368		**316 Stainless Steel Hex Nuts** *(05 05 23 00-1284)*		
05 05 23 00-1369	EA	1/4" Diameter, 316 Stainless Steel Hex Nut	1.00	0.30
05 05 23 00-1370	EA	5/16" Diameter, 316 Stainless Steel Hex Nut	1.14	0.30
05 05 23 00-1371	EA	3/8" Diameter, 316 Stainless Steel Hex Nut	1.39	0.30
05 05 23 00-1372	EA	7/16" Diameter, 316 Stainless Steel Hex Nut	2.40	0.30
05 05 23 00-1373	EA	1/2" Diameter, 316 Stainless Steel Hex Nut	2.58	0.30
05 05 23 00-1374	EA	9/16" Diameter, 316 Stainless Steel Hex Nut	3.59	0.30
05 05 23 00-1375	EA	5/8" Diameter, 316 Stainless Steel Hex Nut	4.08	0.30
05 05 23 00-1376	EA	3/4" Diameter, 316 Stainless Steel Hex Nut	5.76	0.59
05 05 23 00-1377	EA	7/8" Diameter, 316 Stainless Steel Hex Nut	8.11	0.59
05 05 23 00-1378	EA	1" Diameter, 316 Stainless Steel Hex Nut	12.60	0.59
05 05 23 00-1379	EA	1-1/4" Diameter, 316 Stainless Steel Hex Nut	38.84	0.59
05 05 23 00-1380	EA	1-1/2" Diameter, 316 Stainless Steel Hex Nut	63.02	0.90
05 05 23 00-1381	EA	1-3/4" Diameter, 316 Stainless Steel Hex Nut	106.62	0.90
05 05 23 00-1382	EA	2" Diameter, 316 Stainless Steel Hex Nut	198.56	0.90
05 05 23 00-1383		**Flat Washers** *(05 05 23 00-1283)*		
05 05 23 00-1384		**Zinc Plated Steel, Low Carbon Flat Washers** *(05 05 23 00-1383)*		
05 05 23 00-1385	EA	1/4" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.05	
05 05 23 00-1386	EA	5/16" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.09	
05 05 23 00-1387	EA	3/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.16	
05 05 23 00-1388	EA	7/16" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.24	
05 05 23 00-1389	EA	1/2" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.34	
05 05 23 00-1390	EA	9/16" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.39	
05 05 23 00-1391	EA	5/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.66	
05 05 23 00-1392	EA	3/4" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.95	
05 05 23 00-1393	EA	7/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	1.13	
05 05 23 00-1394	EA	1" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	1.39	
05 05 23 00-1395	EA	1-1/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	1.57	
05 05 23 00-1396	EA	1-1/4" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	1.88	
05 05 23 00-1397	EA	1-3/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	2.95	
05 05 23 00-1398	EA	1-1/2" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	3.02	
05 05 23 00-1399	EA	1-3/4" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	4.47	
05 05 23 00-1400	EA	2" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	5.56	
05 05 23 00-1401		**Zinc Plated Steel, Hardened Flat Washers** *(05 05 23 00-1383)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1402	EA	1/4" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	0.20	
05 05 23 00-1403	EA	5/16" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	0.28	
05 05 23 00-1404	EA	3/8" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	0.32	
05 05 23 00-1405	EA	7/16" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	0.44	
05 05 23 00-1406	EA	1/2" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	0.59	
05 05 23 00-1407	EA	9/16" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	0.95	
05 05 23 00-1408	EA	5/8" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	1.36	
05 05 23 00-1409	EA	3/4" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	1.92	
05 05 23 00-1410	EA	7/8" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	3.21	
05 05 23 00-1411	EA	1" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	3.56	
05 05 23 00-1412	EA	1-1/8" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	5.18	
05 05 23 00-1413	EA	1-1/4" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	5.65	
05 05 23 00-1414	EA	1-3/8" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	7.45	
05 05 23 00-1415	EA	1-1/2" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	8.52	
05 05 23 00-1416	EA	1-3/4" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	11.45	
05 05 23 00-1417	EA	2" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	13.74	
05 05 23 00-1418		Hot Dipped Galvanized Steel Flat Washers *(05 05 23 00-1383)*		
05 05 23 00-1419	EA	1/4" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	0.13	
05 05 23 00-1420	EA	5/16" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	0.19	
05 05 23 00-1421	EA	3/8" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	0.21	
05 05 23 00-1422	EA	7/16" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	0.40	
05 05 23 00-1423	EA	1/2" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	0.51	
05 05 23 00-1424	EA	9/16" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	0.84	
05 05 23 00-1425	EA	5/8" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	0.94	
05 05 23 00-1426	EA	3/4" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	1.42	
05 05 23 00-1427	EA	7/8" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	2.00	
05 05 23 00-1428	EA	1" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	2.20	
05 05 23 00-1429	EA	1-1/8" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	3.36	
05 05 23 00-1430	EA	1-1/4" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	3.74	
05 05 23 00-1431	EA	1-3/8" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	5.34	
05 05 23 00-1432	EA	1-1/2" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	5.79	
05 05 23 00-1433	EA	1-3/4" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	8.40	
05 05 23 00-1434		304/18-8 Stainless Steel Flat Washers *(05 05 23 00-1383)*		
05 05 23 00-1435	EA	1/4" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	0.18	
05 05 23 00-1436	EA	5/16" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	0.25	
05 05 23 00-1437	EA	3/8" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	0.35	
05 05 23 00-1438	EA	7/16" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	0.64	
05 05 23 00-1439	EA	1/2" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	1.17	
05 05 23 00-1440	EA	9/16" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	1.46	
05 05 23 00-1441	EA	5/8" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	2.15	
05 05 23 00-1442	EA	3/4" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	2.19	
05 05 23 00-1443	EA	7/8" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	4.61	
05 05 23 00-1444	EA	1" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	5.84	
05 05 23 00-1445	EA	1-1/8" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	6.80	
05 05 23 00-1446	EA	1-1/4" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	7.32	
05 05 23 00-1447	EA	1-3/8" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	7.74	
05 05 23 00-1448	EA	1-1/2" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	9.43	
05 05 23 00-1449	EA	1-3/4" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	11.72	
05 05 23 00-1450	EA	2" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	23.03	
05 05 23 00-1451		316 Stainless Steel Flat Washers *(05 05 23 00-1383)*		
05 05 23 00-1452	EA	1/4" Inside Diameter, 316 Stainless Steel Flat Washer	0.36	
05 05 23 00-1453	EA	5/16" Inside Diameter, 316 Stainless Steel Flat Washer	0.39	
05 05 23 00-1454	EA	3/8" Inside Diameter, 316 Stainless Steel Flat Washer	0.70	
05 05 23 00-1455	EA	7/16" Inside Diameter, 316 Stainless Steel Flat Washer	0.82	
05 05 23 00-1456	EA	1/2" Inside Diameter, 316 Stainless Steel Flat Washer	1.52	
05 05 23 00-1457	EA	9/16" Inside Diameter, 316 Stainless Steel Flat Washer	2.73	
05 05 23 00-1458	EA	5/8" Inside Diameter, 316 Stainless Steel Flat Washer	3.22	
05 05 23 00-1459	EA	3/4" Inside Diameter, 316 Stainless Steel Flat Washer	4.06	
05 05 23 00-1460	EA	7/8" Inside Diameter, 316 Stainless Steel Flat Washer	6.29	
05 05 23 00-1461	EA	1" Inside Diameter, 316 Stainless Steel Flat Washer	7.03	
05 05 23 00-1462	EA	1-1/8" Inside Diameter, 316 Stainless Steel Flat Washer	8.01	
05 05 23 00-1463	EA	1-1/4" Inside Diameter, 316 Stainless Steel Flat Washer	9.86	
05 05 23 00-1464	EA	1-3/8" Inside Diameter, 316 Stainless Steel Flat Washer	10.43	
05 05 23 00-1465	EA	1-1/2" Inside Diameter, 316 Stainless Steel Flat Washer	10.66	
05 05 23 00-1466	EA	1-3/4" Inside Diameter, 316 Stainless Steel Flat Washer	15.63	
05 05 23 00-1467		Lock Washers *(05 05 23 00-1283)*		
05 05 23 00-1468		Zinc Plated Steel, Low Carbon Lock Washers *(05 05 23 00-1467)*		
05 05 23 00-1469	EA	1/4" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	0.02	
05 05 23 00-1470	EA	5/16" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	0.04	
05 05 23 00-1471	EA	3/8" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	0.06	
05 05 23 00-1472	EA	7/16" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	0.10	
05 05 23 00-1473	EA	1/2" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	0.13	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1474	EA	9/16" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	0.22	
05 05 23 00-1475	EA	5/8" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	0.25	
05 05 23 00-1476	EA	3/4" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	0.38	
05 05 23 00-1477	EA	7/8" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	0.63	
05 05 23 00-1478	EA	1" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	1.14	
05 05 23 00-1479	EA	1-1/8" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	1.66	
05 05 23 00-1480	EA	1-1/4" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	2.55	
05 05 23 00-1481	EA	1-3/8" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	4.03	
05 05 23 00-1482	EA	1-1/2" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	4.75	
05 05 23 00-1483	EA	1-3/4" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	8.47	
05 05 23 00-1484	EA	2" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	9.54	
05 05 23 00-1485		Hot Dipped Galvanized Steel Lock Washers *(05 05 23 00-1467)*		
05 05 23 00-1486	EA	1/4" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	0.10	
05 05 23 00-1487	EA	5/16" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	0.12	
05 05 23 00-1488	EA	3/8" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	0.16	
05 05 23 00-1489	EA	7/16" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	0.18	
05 05 23 00-1490	EA	1/2" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	0.28	
05 05 23 00-1491	EA	9/16" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	0.37	
05 05 23 00-1492	EA	5/8" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	0.44	
05 05 23 00-1493	EA	3/4" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	0.73	
05 05 23 00-1494	EA	7/8" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	1.05	
05 05 23 00-1495	EA	1" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	1.66	
05 05 23 00-1496	EA	1-1/8" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	3.01	
05 05 23 00-1497	EA	1-1/4" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	3.59	
05 05 23 00-1498	EA	1-3/8" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	5.18	
05 05 23 00-1499	EA	1-1/2" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	5.92	
05 05 23 00-1500	EA	1-3/4" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	8.01	
05 05 23 00-1501	EA	2" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	10.91	
05 05 23 00-1502		304/18-8 Stainless Steel Lock Washers *(05 05 23 00-1467)*		
05 05 23 00-1503	EA	1/4" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	0.15	
05 05 23 00-1504	EA	5/16" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	0.21	
05 05 23 00-1505	EA	3/8" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	0.30	
05 05 23 00-1506	EA	7/16" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	0.56	
05 05 23 00-1507	EA	1/2" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	0.62	
05 05 23 00-1508	EA	9/16" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	1.51	
05 05 23 00-1509	EA	5/8" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	1.78	
05 05 23 00-1510	EA	3/4" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	2.07	
05 05 23 00-1511	EA	7/8" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	3.75	
05 05 23 00-1512	EA	1" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	5.29	
05 05 23 00-1513	EA	1-1/8" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	9.24	
05 05 23 00-1514	EA	1-1/4" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	12.29	
05 05 23 00-1515	EA	1-3/8" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	15.63	
05 05 23 00-1516	EA	1-1/2" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	18.75	
05 05 23 00-1517		316 Stainless Steel Lock Washers *(05 05 23 00-1467)*		
05 05 23 00-1518	EA	1/4" Inside Diameter, 316 Stainless Steel Lock Washer	0.19	
05 05 23 00-1519	EA	5/16" Inside Diameter, 316 Stainless Steel Lock Washer	0.41	
05 05 23 00-1520	EA	3/8" Inside Diameter, 316 Stainless Steel Lock Washer	0.47	
05 05 23 00-1521	EA	7/16" Inside Diameter, 316 Stainless Steel Lock Washer	0.81	
05 05 23 00-1522	EA	1/2" Inside Diameter, 316 Stainless Steel Lock Washer	0.90	
05 05 23 00-1523	EA	9/16" Inside Diameter, 316 Stainless Steel Lock Washer	1.61	
05 05 23 00-1524	EA	5/8" Inside Diameter, 316 Stainless Steel Lock Washer	1.76	
05 05 23 00-1525	EA	3/4" Inside Diameter, 316 Stainless Steel Lock Washer	3.05	
05 05 23 00-1526	EA	7/8" Inside Diameter, 316 Stainless Steel Lock Washer	5.04	
05 05 23 00-1527	EA	1" Inside Diameter, 316 Stainless Steel Lock Washer	6.86	
05 05 23 00-1528	EA	1-1/8" Inside Diameter, 316 Stainless Steel Lock Washer	9.57	
05 05 23 00-1529	EA	1-1/4" Inside Diameter, 316 Stainless Steel Lock Washer	14.73	
05 05 23 00-1530	EA	1-3/8" Inside Diameter, 316 Stainless Steel Lock Washer	26.37	
05 05 23 00-1531	EA	1-1/2" Inside Diameter, 316 Stainless Steel Lock Washer	29.28	
05 05 23 00-1532		Load Indicating Washers *(05 05 23 00-1283)*		
05 05 23 00-1533		A325, Direct Tension Indicator, Load Indicating Washers (ASTM F959) *(05 05 23 00-1532)*		
05 05 23 00-1534		Plain Finish, A325, Direct Tension Indicator, Load Indicating Washers (ASTM F959) *(05 05 23 00-1533)*		
05 05 23 00-1535	EA	1/2", Plain Finish, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	2.76	
05 05 23 00-1536	EA	5/8", Plain Finish, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	3.13	
05 05 23 00-1537	EA	3/4", Plain Finish, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	3.37	
05 05 23 00-1538	EA	7/8", Plain Finish, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	3.83	
05 05 23 00-1539	EA	1", Plain Finish, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	4.63	
05 05 23 00-1540	EA	1-1/8", Plain Finish, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	7.69	
05 05 23 00-1541	EA	1-1/4", Plain Finish, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	9.94	
05 05 23 00-1542	EA	1-3/8", Plain Finish, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	12.69	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1543	EA	1-1/2", Plain Finish, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	13.95	
05 05 23 00-1544		Galvanized, A325, Direct Tension Indicator, Load Indicating Washers (ASTM F959) *(05 05 23 00-1533)*		
05 05 23 00-1545	EA	1/2", Galvanized, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	3.50	
05 05 23 00-1546	EA	5/8", Galvanized, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	3.89	
05 05 23 00-1547	EA	3/4", Galvanized, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	3.79	
05 05 23 00-1548	EA	7/8", Galvanized, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	4.63	
05 05 23 00-1549	EA	1", Galvanized, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	5.48	
05 05 23 00-1550	EA	1-1/8", Galvanized, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	8.26	
05 05 23 00-1551	EA	1-1/4", Galvanized, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	10.40	
05 05 23 00-1552	EA	1-3/8", Galvanized, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	14.79	
05 05 23 00-1553	EA	1-1/2", Galvanized, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	16.27	
05 05 23 00-1554		Beveled Washers *(05 05 23 00-1283)*		
05 05 23 00-1555		Plain Finish, Square Beveled Structural Washers (ASTM F436) *(05 05 23 00-1554)*		
05 05 23 00-1556	EA	1/2", Plain Finish, Square Beveled Structural Washer (ASTM F436)	4.56	
05 05 23 00-1557	EA	5/8", Plain Finish, Square Beveled Structural Washer (ASTM F436)	4.66	
05 05 23 00-1558	EA	3/4", Plain Finish, Square Beveled Structural Washer (ASTM F436)	4.76	
05 05 23 00-1559	EA	7/8", Plain Finish, Square Beveled Structural Washer (ASTM F436)	5.79	
05 05 23 00-1560	EA	1", Plain Finish, Square Beveled Structural Washer (ASTM F436)	6.09	
05 05 23 00-1561		Galvanized, Square Beveled Structural Washers (ASTM F436) *(05 05 23 00-1554)*		
05 05 23 00-1562	EA	1/2", Galvanized, Square Beveled Structural Washer (ASTM F436)	6.56	
05 05 23 00-1563	EA	5/8", Galvanized, Square Beveled Structural Washer (ASTM F436)	6.85	
05 05 23 00-1564	EA	3/4", Galvanized, Square Beveled Structural Washer (ASTM F436)	6.85	
05 05 23 00-1565	EA	7/8", Galvanized, Square Beveled Structural Washer (ASTM F436)	7.25	
05 05 23 00-1566	EA	1", Galvanized, Square Beveled Structural Washer (ASTM F436)	7.71	
05 05 23 00-1567		Welded Stud Anchors *(05 05 23)*		
05 05 23 00-1568	EA	1-1/8" Long x 1/4" Diameter, Welded Stud Concrete Anchors	4.99	
05 05 23 00-1569	EA	2-11/16" Long x 1/4" Diameter, Welded Stud Concrete Anchors	5.10	
05 05 23 00-1570	EA	3-1/8" Long x 1/4" Diameter, Welded Stud Concrete Anchors	5.15	
05 05 23 00-1571	EA	4-1/8" Long x 1/4" Diameter, Welded Stud Concrete Anchors	5.19	
05 05 23 00-1572	EA	1-3/8" Long x 3/8" Diameter, Welded Stud Concrete Anchors	4.89	
05 05 23 00-1573	EA	1-5/8" Long x 3/8" Diameter, Welded Stud Concrete Anchors	5.16	
05 05 23 00-1574	EA	2-1/8" Long x 3/8" Diameter, Welded Stud Concrete Anchors	5.43	
05 05 23 00-1575	EA	2-5/8" Long x 3/8" Diameter, Welded Stud Concrete Anchors	5.57	
05 05 23 00-1576	EA	3-1/8" Long x 3/8" Diameter, Welded Stud Concrete Anchors	5.71	
05 05 23 00-1577	EA	4-1/8" Long x 3/8" Diameter, Welded Stud Concrete Anchors	6.27	
05 05 23 00-1578	EA	5-1/8" Long x 3/8" Diameter, Welded Stud Concrete Anchors	6.73	
05 05 23 00-1579	EA	6-1/8" Long x 3/8" Diameter, Welded Stud Concrete Anchors	7.10	
05 05 23 00-1580	EA	1-1/2" Long x 1/2" Diameter, Welded Stud Concrete Anchors	6.01	
05 05 23 00-1581	EA	1-5/8" Long x 1/2" Diameter, Welded Stud Concrete Anchors	6.05	
05 05 23 00-1582	EA	2-1/8" Long x 1/2" Diameter, Welded Stud Concrete Anchors	6.47	
05 05 23 00-1583	EA	2-5/8" Long x 1/2" Diameter, Welded Stud Concrete Anchors	6.87	
05 05 23 00-1584	EA	3-1/8" Long x 1/2" Diameter, Welded Stud Concrete Anchors	7.36	
05 05 23 00-1585	EA	4-1/8" Long x 1/2" Diameter, Welded Stud Concrete Anchors	8.12	
05 05 23 00-1586	EA	5-5/16" Long x 1/2" Diameter, Welded Stud Concrete Anchors	8.61	
05 05 23 00-1587	EA	6-1/8" Long x 1/2" Diameter, Welded Stud Concrete Anchors	9.95	
05 05 23 00-1588	EA	8-1/8" Long x 1/2" Diameter, Welded Stud Concrete Anchors	12.48	
05 05 23 00-1589	EA	2-11/16" Long x 5/8" Diameter, Welded Stud Concrete Anchors	8.61	
05 05 23 00-1590	EA	3-3/16" Long x 5/8" Diameter, Welded Stud Concrete Anchors	9.25	
05 05 23 00-1591	EA	3-11/16" Long x 5/8" Diameter, Welded Stud Concrete Anchors	9.77	
05 05 23 00-1592	EA	4-3/16" Long x 5/8" Diameter, Welded Stud Concrete Anchors	10.29	
05 05 23 00-1593	EA	4-11/16" Long x 5/8" Diameter, Welded Stud Concrete Anchors	10.72	
05 05 23 00-1594	EA	5-3/16" Long x 5/8" Diameter, Welded Stud Concrete Anchors	11.11	
05 05 23 00-1595	EA	6-3/16" Long x 5/8" Diameter, Welded Stud Concrete Anchors	11.63	
05 05 23 00-1596	EA	6-9/16" Long x 5/8" Diameter, Welded Stud Concrete Anchors	13.80	
05 05 23 00-1597	EA	8-3/16" Long x 5/8" Diameter, Welded Stud Concrete Anchors	16.79	
05 05 23 00-1598		Welded Shear Stud Connector *(05 05 23)*		
05 05 23 00-1599		3/4" Diameter Welded Shear Stud Connector *(05 05 23 00-1598)*		
05 05 23 00-1600	EA	3/4" Diameter x 3-3/16" Long, Welded Shear Stud Connector	11.06	
05 05 23 00-1601	EA	3/4" Diameter x 3-3/8" Long, Welded Shear Stud Connector	11.52	
05 05 23 00-1602	EA	3/4" Diameter x 3-7/8" Long, Welded Shear Stud Connector	11.64	
05 05 23 00-1603	EA	3/4" Diameter x 4-3/16" Long, Welded Shear Stud Connector	11.70	
05 05 23 00-1604	EA	3/4" Diameter x 4-3/8" Long, Welded Shear Stud Connector	12.22	
05 05 23 00-1605	EA	3/4" Diameter x 4-11/16" Long, Welded Shear Stud Connector	13.17	
05 05 23 00-1606	EA	3/4" Diameter x 4-7/8" Long, Welded Shear Stud Connector	22.36	
05 05 23 00-1607	EA	3/4" Diameter x 5-3/16" Long, Welded Shear Stud Connector	14.27	
05 05 23 00-1608	EA	3/4" Diameter x 5-3/8" Long, Welded Shear Stud Connector	15.95	
05 05 23 00-1609	EA	3/4" Diameter x 6-3/16" Long, Welded Shear Stud Connector	20.73	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1610	EA	3/4" Diameter x 7-3/16" Long, Welded Shear Stud Connector	21.25	
05 05 23 00-1611	EA	3/4" Diameter x 8-3/16" Long, Welded Shear Stud Connector	23.08	
05 05 23 00-1612	EA	3/4" Diameter x 10-3/16" Long, Welded Shear Stud Connector	30.77	

05 05 23 00-1613 7/8" Diameter Welded Shear Stud Connector *(05 05 23 00-1598)*

05 05 23 00-1614	EA	7/8" Diameter x 3-3/16" Long, Welded Shear Stud Connector	13.35	
05 05 23 00-1615	EA	7/8" Diameter x 3-11/16" Long, Welded Shear Stud Connector	14.09	
05 05 23 00-1616	EA	7/8" Diameter x 4-3/16" Long, Welded Shear Stud Connector	14.82	
05 05 23 00-1617	EA	7/8" Diameter x 5-3/16" Long, Welded Shear Stud Connector	16.93	
05 05 23 00-1618	EA	7/8" Diameter x 6-3/16" Long, Welded Shear Stud Connector	21.86	
05 05 23 00-1619	EA	7/8" Diameter x 7-3/16" Long, Welded Shear Stud Connector	24.09	
05 05 23 00-1620	EA	7/8" Diameter x 8-3/16" Long, Welded Shear Stud Connector	26.28	
05 05 23 00-1621	EA	7/8" Diameter x 10-3/16" Long, Welded Shear Stud Connector	32.45	

05 05 23 00-1622 1" Diameter Welded Shear Stud Connector *(05 05 23 00-1598)*

05 05 23 00-1623	EA	1" Diameter x 3-1/4" Long, Welded Shear Stud Connector	18.15	
05 05 23 00-1624	EA	1" Diameter x 4-1/4" Long, Welded Shear Stud Connector	20.41	
05 05 23 00-1625	EA	1" Diameter x 5-1/4" Long, Welded Shear Stud Connector	23.73	
05 05 23 00-1626	EA	1" Diameter x 6-1/4" Long, Welded Shear Stud Connector	30.19	
05 05 23 00-1627	EA	1" Diameter x 7-1/4" Long, Welded Shear Stud Connector	33.67	
05 05 23 00-1628	EA	1" Diameter x 8-1/4" Long, Welded Shear Stud Connector	37.15	

05 10 Structural Metal Framing *(05)*

05 12 Structural Steel Framing *(05 10)*

05 12 23 Structural Steel for Buildings *(05 12)*

See CSI section 05 05 21 00-0007 for moment connection welding, 05 12 23 00-0101 for field fabrication of additional structural metal connections.

05 12 23 00-0001 Rolled Steel Members *(05 12 23)*

Note: Prices by Ton (or LB) are based on ASTM A992/A36 steel with bolted standard beam connections and shop primed with red primer paint. Stock cross-sections only. Includes shop fabrication into sub-assemblies and delivery to site, all connecting bolts, connecting welds, and crane for erection (or demolition). Excludes moment connection welding. See CSI section 05 05 21 00-0007 for moment connection welding, 05 12 23 00-0101 for field fabrication of additional structural metal connections.

05 12 23 00-0002 Beams, Girders And Columns *(05 12 23 00-0001)*

Note: For one and two story I beams and W shapes and HP shapes.

05 12 23 00-0003	TON	Up To 30 LB/LF Beams, Girders And Columns	12,366.62	1,481.58
		For ASTM A242 Type 2 High Strength Steel, Add	*744.12*	
		For Hot Dip Galvanizing, Add	*2,604.43*	
		For >10 To 25 Tons, Deduct	*-790.63*	
		For >25 To 50 Tons, Deduct	*-1,627.77*	
		For >50 Tons, Deduct	*-2,325.39*	
05 12 23 00-0004	TON	>30-65 LB/LF Beams, Girders And Columns	8,655.55	957.74
		For ASTM A242 Type 2 High Strength Steel, Add	*610.71*	
		For Hot Dip Galvanizing, Add	*2,137.48*	
		For >10 To 25 Tons, Deduct	*-648.88*	
		For >25 To 50 Tons, Deduct	*-1,335.93*	
		For >50 Tons, Deduct	*-1,908.47*	
05 12 23 00-0005	TON	>65-100 LB/LF Beams, Girders And Columns	7,351.92	538.78
		For ASTM A242 Type 2 High Strength Steel, Add	*542.18*	
		For Hot Dip Galvanizing, Add	*1,897.62*	
		For >10 To 25 Tons, Deduct	*-576.06*	
		For >25 To 50 Tons, Deduct	*-1,186.01*	
		For >50 Tons, Deduct	*-1,694.31*	
05 12 23 00-0006	TON	>100-300 LB/LF Beams, Girders And Columns	4,939.54	286.78
		For ASTM A242 Type 2 High Strength Steel, Add	*370.64*	
		For Hot Dip Galvanizing, Add	*1,297.25*	
		For >10 To 25 Tons, Deduct	*-393.81*	
		For >25 To 50 Tons, Deduct	*-810.78*	
		For >50 Tons, Deduct	*-1,158.26*	

05 12 23 00-0007 Trusses, Built-Up *(05 12 23 00-0001)*

05 12 23 00-0008	TON	Built-Up Trusses, Rolled Structural Steel Members	9,184.54	1,007.60
		For ASTM A242 Type 2 High Strength Steel, Add	*648.83*	
		For Hot Dip Galvanizing, Add	*2,270.89*	
		For >10 To 25 Tons, Deduct	*-689.38*	
		For >25 To 50 Tons, Deduct	*-1,419.31*	
		For >50 Tons, Deduct	*-2,027.58*	

05 12 23 00-0009 Shapes *(05 12 23 00-0001)*

05 12 23 00-0010 Rolled Shape Steel Angles *(05 12 23 00-0009)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0011	TON	Up To 10 LB/LF Rolled Shape Steel Angles	18,023.17	2,754.26
		For ASTM A242 Type 2 High Strength Steel, Add	*1,074.62*	
		For Hot Dip Galvanizing, Add	*3,761.17*	
		For >10 To 25 Tons, Deduct	*-1,141.78*	
		For >25 To 50 Tons, Deduct	*-2,350.73*	
		For >50 Tons, Deduct	*-3,358.19*	
05 12 23 00-0012	TON	>10 To 20 LB/LF Rolled Shape Steel Angles	15,914.88	1,616.34
		For ASTM A242 Type 2 High Strength Steel, Add	*1,027.98*	
		For Hot Dip Galvanizing, Add	*3,597.95*	
		For >10 To 25 Tons, Deduct	*-1,092.23*	
		For >25 To 50 Tons, Deduct	*-2,248.72*	
		For >50 Tons, Deduct	*-3,212.45*	
05 12 23 00-0013	TON	>20 To 58 LB/LF Rolled Shape Steel Angles	12,325.31	957.74
		For ASTM A242 Type 2 High Strength Steel, Add	*904.30*	
		For Hot Dip Galvanizing, Add	*3,165.06*	
		For >10 To 25 Tons, Deduct	*-960.82*	
		For >25 To 50 Tons, Deduct	*-1,978.16*	
		For >50 Tons, Deduct	*-2,825.95*	

05 12 23 00-0014 Rolled C, MC Steel Channels *(05 12 23 00-0009)*

05 12 23 00-0015	TON	Up To 10 LB/LF Rolled C, MC Steel Channels	19,545.37	3,771.48
		For ASTM A242 Type 2 High Strength Steel, Add	*1,058.40*	
		For Hot Dip Galvanizing, Add	*3,704.39*	
		For >10 To 25 Tons, Deduct	*-1,124.55*	
		For >25 To 50 Tons, Deduct	*-2,315.25*	
		For >50 Tons, Deduct	*-3,307.50*	
05 12 23 00-0016	TON	>10 To 20 Rolled C, MC Steel Channels	15,737.47	2,873.51
		For ASTM A242 Type 2 High Strength Steel, Add	*1,013.79*	
		For Hot Dip Galvanizing, Add	*3,548.27*	
		For >10 To 25 Tons, Deduct	*-1,077.15*	
		For >25 To 50 Tons, Deduct	*-2,217.67*	
		For >50 Tons, Deduct	*-3,168.10*	
05 12 23 00-0017	TON	>20 To 58 LB/LF Rolled C, MC Steel Channels	12,122.55	957.74
		For ASTM A242 Type 2 High Strength Steel, Add	*888.08*	
		For Hot Dip Galvanizing, Add	*3,108.29*	
		For >10 To 25 Tons, Deduct	*-943.59*	
		For >25 To 50 Tons, Deduct	*-1,942.68*	
		For >50 Tons, Deduct	*-2,775.26*	

05 12 23 00-0018 Double L Shape Steel Angles *(05 12 23 00-0009)*

05 12 23 00-0019	TON	Up To 20 LB/LF Double L Shape Steel Angles	16,751.20	2,185.30
		For ASTM A242 Type 2 High Strength Steel, Add	*1,034.07*	
		For Hot Dip Galvanizing, Add	*3,619.24*	
		For >10 To 25 Tons, Deduct	*-1,098.70*	
		For >25 To 50 Tons, Deduct	*-2,262.02*	
		For >50 Tons, Deduct	*-3,231.46*	
05 12 23 00-0020	TON	>20 To 50 LB/LF Double L Shape Steel Angles	13,187.03	957.74
		For ASTM A242 Type 2 High Strength Steel, Add	*973.24*	
		For Hot Dip Galvanizing, Add	*3,406.34*	
		For >10 To 25 Tons, Deduct	*-1,034.07*	
		For >25 To 50 Tons, Deduct	*-2,128.96*	
		For >50 Tons, Deduct	*-3,041.38*	
05 12 23 00-0021	TON	>50 To 80 LB/LF Double L Shape Steel Angles	9,952.27	538.78
		For ASTM A242 Type 2 High Strength Steel, Add	*750.21*	
		For Hot Dip Galvanizing, Add	*2,625.72*	
		For >10 To 25 Tons, Deduct	*-797.09*	
		For >25 To 50 Tons, Deduct	*-1,641.07*	
		For >50 Tons, Deduct	*-2,344.39*	
05 12 23 00-0022	TON	>80 To 115 LB/LF Double L Shape Steel Angles	6,388.78	287.21
		For ASTM A242 Type 2 High Strength Steel, Add	*486.62*	
		For Hot Dip Galvanizing, Add	*1,703.17*	
		For >10 To 25 Tons, Deduct	*-517.03*	
		For >25 To 50 Tons, Deduct	*-1,064.48*	
		For >50 Tons, Deduct	*-1,520.69*	

05 12 23 00-0023 Structural WT, MT, ST Tee Shapes *(05 12 23 00-0001)*

05 12 23 00-0024	TON	Up To 30 LB/LF Structural WT, MT, ST Tee Shapes	15,230.57	1,616.34
		For ASTM A242 Type 2 High Strength Steel, Add	*973.24*	
		For Hot Dip Galvanizing, Add	*3,406.34*	
		For >10 To 25 Tons, Deduct	*-1,034.07*	
		For >25 To 50 Tons, Deduct	*-2,128.96*	
		For >50 Tons, Deduct	*-3,041.38*	
05 12 23 00-0025	TON	>30 To 65 LB/LF Structural WT, MT, ST Tee Shapes	10,323.23	957.74
		For ASTM A242 Type 2 High Strength Steel, Add	*744.12*	
		For Hot Dip Galvanizing, Add	*2,604.43*	
		For >10 To 25 Tons, Deduct	*-790.63*	
		For >25 To 50 Tons, Deduct	*-1,627.77*	
		For >50 Tons, Deduct	*-2,325.39*	

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MINOR CSI UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0026	TON >65 To 100 LB/LF Structural WT, MT, ST Tee Shapes	8,178.14	538.78
	For ASTM A242 Type 2 High Strength Steel, Add	*608.28*	
	For Hot Dip Galvanizing, Add	*2,128.96*	
	For >10 To 25 Tons, Deduct	*-646.29*	
	For >25 To 50 Tons, Deduct	*-1,330.60*	
	For >50 Tons, Deduct	*-1,900.86*	
05 12 23 00-0027	TON >100 To 365 LB/LF Structural WT, MT, ST Tee Shapes	6,034.43	286.78
	For ASTM A242 Type 2 High Strength Steel, Add	*458.23*	
	For Hot Dip Galvanizing, Add	*1,603.82*	
	For >10 To 25 Tons, Deduct	*-486.87*	
	For >25 To 50 Tons, Deduct	*-1,002.39*	
	For >50 Tons, Deduct	*-1,431.98*	
05 12 23 00-0028	**Combination Section Shapes** *(05 12 23 00-0001)*		
05 12 23 00-0029	**Combination Section, W Shapes And Angles** *(05 12 23 00-0028)*		
05 12 23 00-0030	TON Up To 30 LB/LF Combination Section - W Shapes And Angles	14,444.88	1,616.34
	For ASTM A242 Type 2 High Strength Steel, Add	*910.38*	
	For Hot Dip Galvanizing, Add	*3,186.35*	
	For >10 To 25 Tons, Deduct	*-967.28*	
	For >25 To 50 Tons, Deduct	*-1,991.47*	
	For >50 Tons, Deduct	*-2,844.95*	
05 12 23 00-0031	TON >30-65 LB/LF Combination Section - W Shapes And Angles	10,399.28	957.74
	For ASTM A242 Type 2 High Strength Steel, Add	*750.21*	
	For Hot Dip Galvanizing, Add	*2,625.73*	
	For >10 To 25 Tons, Deduct	*-797.10*	
	For >25 To 50 Tons, Deduct	*-1,641.08*	
	For >50 Tons, Deduct	*-2,344.40*	
05 12 23 00-0032	TON >65-100 LB/LF Combination Section - W Shapes And Angles	7,544.51	538.78
	For ASTM A242 Type 2 High Strength Steel, Add	*557.58*	
	For Hot Dip Galvanizing, Add	*1,951.55*	
	For >10 To 25 Tons, Deduct	*-592.43*	
	For >25 To 50 Tons, Deduct	*-1,219.72*	
	For >50 Tons, Deduct	*-1,742.45*	
05 12 23 00-0033	TON >100-300 LB/LF Combination Section - W Shapes And Angles	6,540.85	286.78
	For ASTM A242 Type 2 High Strength Steel, Add	*498.79*	
	For Hot Dip Galvanizing, Add	*1,745.75*	
	For >10 To 25 Tons, Deduct	*-529.96*	
	For >25 To 50 Tons, Deduct	*-1,091.09*	
	For >50 Tons, Deduct	*-1,558.71*	
05 12 23 00-0034	TON >300-500 LB/LF Combination Section - W Shapes And Angles	5,653.08	143.97
	For ASTM A242 Type 2 High Strength Steel, Add	*439.99*	
	For Hot Dip Galvanizing, Add	*1,539.95*	
	For >10 To 25 Tons, Deduct	*-467.49*	
	For >25 To 50 Tons, Deduct	*-962.47*	
	For >50 Tons, Deduct	*-1,374.96*	
05 12 23 00-0035	**Combination Section, S Shapes And Angles** *(05 12 23 00-0028)*		
05 12 23 00-0036	TON >30-65 LB/LF Combination Section - S Shapes And Angles	9,993.75	957.74
	For ASTM A242 Type 2 High Strength Steel, Add	*717.76*	
	For Hot Dip Galvanizing, Add	*2,512.18*	
	For >10 To 25 Tons, Deduct	*-762.63*	
	For >25 To 50 Tons, Deduct	*-1,570.11*	
	For >50 Tons, Deduct	*-2,243.02*	
05 12 23 00-0037	TON >65-100 LB/LF Combination Section - S Shapes And Angles	7,569.86	538.78
	For ASTM A242 Type 2 High Strength Steel, Add	*559.61*	
	For Hot Dip Galvanizing, Add	*1,958.64*	
	For >10 To 25 Tons, Deduct	*-594.59*	
	For >25 To 50 Tons, Deduct	*-1,224.15*	
	For >50 Tons, Deduct	*-1,748.79*	
05 12 23 00-0038	**Combination Section, Channels And Angles** *(05 12 23 00-0028)*		
05 12 23 00-0039	TON Up To 30 LB/LF Combination Section - Channels And Angles	15,230.57	1,616.34
	For ASTM A242 Type 2 High Strength Steel, Add	*973.24*	
	For Hot Dip Galvanizing, Add	*3,406.34*	
	For >10 To 25 Tons, Deduct	*-1,034.07*	
	For >25 To 50 Tons, Deduct	*-2,128.96*	
	For >50 Tons, Deduct	*-3,041.38*	
05 12 23 00-0040	TON >30-65 LB/LF Combination Section - Channels And Angles	10,906.16	957.74
	For ASTM A242 Type 2 High Strength Steel, Add	*790.76*	
	For Hot Dip Galvanizing, Add	*2,767.65*	
	For >10 To 25 Tons, Deduct	*-840.18*	
	For >25 To 50 Tons, Deduct	*-1,729.78*	
	For >50 Tons, Deduct	*-2,471.12*	
05 12 23 00-0041	TON >65-100 LB/LF Combination Section - Channels And Angles	7,747.28	538.78
	For ASTM A242 Type 2 High Strength Steel, Add	*573.81*	
	For Hot Dip Galvanizing, Add	*2,008.32*	
	For >10 To 25 Tons, Deduct	*-609.67*	
	For >25 To 50 Tons, Deduct	*-1,255.20*	
	For >50 Tons, Deduct	*-1,793.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

05 12 23 00-0042 Standard Weight Pipe *(05 12 23 00-0001)*

05 12 23 00-0043	TON	1/2" To 5" Diameter Standard Weight Pipe	8,827.09	862.05
		For ASTM A242 Type 2 High Strength Steel, Add	*632.61*	
		For Hot Dip Galvanizing, Add	*2,214.12*	
		For >10 To 25 Tons, Deduct	*-672.14*	
		For >25 To 50 Tons, Deduct	*-1,383.82*	
		For >50 Tons, Deduct	*-1,976.89*	
05 12 23 00-0044	TON	>5" To 12" Diameter Standard Weight Pipe	9,411.80	1,077.57
		For ASTM A242 Type 2 High Strength Steel, Add	*660.99*	
		For Hot Dip Galvanizing, Add	*2,313.47*	
		For >10 To 25 Tons, Deduct	*-702.30*	
		For >25 To 50 Tons, Deduct	*-1,445.92*	
		For >50 Tons, Deduct	*-2,065.60*	

05 12 23 00-0045 Structural Steel Shapes *(05 12 23)*

Note: Prices by Ton (or LB) are based on ASTM A992/A36 steel with bolted standard beam connections and shop primed with red primer paint. Stock cross-sections only. Includes shop fabrication into sub-assemblies and delivery to site, all connecting bolts, connecting welds, and crane for erection (or demolition). Excludes moment connection welding. See CSI section 05 05 21 00-0007 for moment connection welding, 05 12 23 00-0101 for field fabrication of additional structural metal connections.

05 12 23 00-0046 Steel Rods *(05 12 23 00-0045)*

05 12 23 00-0047	TON	1/2" To 5" Diameter Extra Strong Steel, Solid	9,538.35	673.55
		For ASTM A242 Type 2 High Strength Steel, Add	*705.60*	
		For Hot Dip Galvanizing, Add	*2,469.59*	
		For >10 To 25 Tons, Deduct	*-749.70*	
		For >25 To 50 Tons, Deduct	*-1,543.50*	
		For >50 Tons, Deduct	*-2,205.00*	
05 12 23 00-0048	TON	>5" To 12" Diameter Extra Strong Steel, Solid	10,906.16	957.74
		For ASTM A242 Type 2 High Strength Steel, Add	*790.76*	
		For Hot Dip Galvanizing, Add	*2,767.65*	
		For >10 To 25 Tons, Deduct	*-840.18*	
		For >25 To 50 Tons, Deduct	*-1,729.78*	
		For >50 Tons, Deduct	*-2,471.12*	

05 12 23 00-0049 Column Base Plates *(05 12 23 00-0045)*

05 12 23 00-0050	LB	Column Base Plates, Up To 150 LB / Each, A36 Miscellaneous Steel Items	4.79	0.94
		For ASTM A242 Type 2 High Strength Steel, Add	*0.30*	
		For Hot Dip Galvanizing, Add	*1.06*	
05 12 23 00-0051	LB	Column Base Plates, >150 LB / Each, A36 Miscellaneous Steel Items	4.50	0.80
		For ASTM A242 Type 2 High Strength Steel, Add	*0.29*	
		For Hot Dip Galvanizing, Add	*1.01*	
05 12 23 00-0052	TON	Column Base Plates, Up To 150 LB Each, A36 Miscellaneous Steel Items	8,729.43	833.75
		For ASTM A242 Type 2 High Strength Steel, Add	*627.21*	
		For Hot Dip Galvanizing, Add	*2,195.23*	
		For >10 To 25 Tons, Deduct	*-666.41*	
		For >25 To 50 Tons, Deduct	*-1,372.02*	
		For >50 Tons, Deduct	*-1,960.02*	
05 12 23 00-0053	TON	Column Base Plates, >150 LB Each, A36 Miscellaneous Steel Items	6,204.25	500.25
		For ASTM A242 Type 2 High Strength Steel, Add	*453.65*	
		For Hot Dip Galvanizing, Add	*1,587.78*	
		For >10 To 25 Tons, Deduct	*-482.00*	
		For >25 To 50 Tons, Deduct	*-992.36*	
		For >50 Tons, Deduct	*-1,417.66*	

05 12 23 00-0054 Double Extra Strong Pipes *(05 12 23 00-0045)*

05 12 23 00-0055	TON	2" To 5" Diameter Double Extra Strong Pipe	11,400.83	1,231.44
		For ASTM A242 Type 2 High Strength Steel, Add	*806.98*	
		For Hot Dip Galvanizing, Add	*2,824.42*	
		For >10 To 25 Tons, Deduct	*-857.41*	
		For >25 To 50 Tons, Deduct	*-1,765.27*	
		For >50 Tons, Deduct	*-2,521.81*	
05 12 23 00-0056	TON	>5" To 8" Diameter Double Extra Strong Pipe	10,794.55	663.06
		For ASTM A242 Type 2 High Strength Steel, Add	*806.98*	
		For Hot Dip Galvanizing, Add	*2,824.42*	
		For >10 To 25 Tons, Deduct	*-857.41*	
		For >25 To 50 Tons, Deduct	*-1,765.27*	
		For >50 Tons, Deduct	*-2,521.81*	

05 12 23 00-0057 Structural Pipes *(05 12 23 00-0045)*

05 12 23 00-0058	TON	3" To 5" Outside Diameter Structural Pipe, Extra Heavy A36 Miscellaneous Steel Items	7,971.94	568.96
		For ASTM A242 Type 2 High Strength Steel, Add	*567.72*	
		For Hot Dip Galvanizing, Add	*1,987.03*	
		For >10 To 25 Tons, Deduct	*-603.21*	
		For >25 To 50 Tons, Deduct	*-1,241.89*	
		For >50 Tons, Deduct	*-1,774.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0059	TON	>5" To 12" Outside Diameter Structural Pipe, Extra Heavy A36 Miscellaneous Steel Items	8,544.14	656.16
		For ASTM A242 Type 2 High Strength Steel, Add	*567.72*	
		For Hot Dip Galvanizing, Add	*1,987.03*	
		For >10 To 25 Tons, Deduct	*-603.21*	
		For >25 To 50 Tons, Deduct	*-1,241.89*	
		For >50 Tons, Deduct	*-1,774.14*	
05 12 23 00-0060		Structural Tubing *(05 12 23 00-0045)*		
05 12 23 00-0061		Rectangle Structural Tubing *(05 12 23 00-0060)*		
05 12 23 00-0062	TON	3" x 2" Weight Range 5-7 LB/LF Structural Tubing - Rectangle	13,285.41	574.70
		For ASTM A242 Type 2 High Strength Steel, Add	*1,013.79*	
		For Hot Dip Galvanizing, Add	*3,548.27*	
		For >10 To 25 Tons, Deduct	*-1,077.15*	
		For >25 To 50 Tons, Deduct	*-2,217.67*	
		For >50 Tons, Deduct	*-3,168.10*	
05 12 23 00-0063	TON	4" x 3", 2" Weight Range 6-13 LB/LF Structural Tubing - Rectangle	13,379.72	663.06
		For ASTM A242 Type 2 High Strength Steel, Add	*1,013.79*	
		For Hot Dip Galvanizing, Add	*3,548.27*	
		For >10 To 25 Tons, Deduct	*-1,077.15*	
		For >25 To 50 Tons, Deduct	*-2,217.67*	
		For >50 Tons, Deduct	*-3,168.10*	
05 12 23 00-0064	TON	5" x 4", 3", 2" Weight Range 8-20 LB/LF Structural Tubing - Rectangle	11,664.53	718.37
		For ASTM A242 Type 2 High Strength Steel, Add	*871.86*	
		For Hot Dip Galvanizing, Add	*3,051.51*	
		For >10 To 25 Tons, Deduct	*-926.35*	
		For >25 To 50 Tons, Deduct	*-1,907.20*	
		For >50 Tons, Deduct	*-2,724.57*	
05 12 23 00-0065	TON	6" x 4", 3", 2" Weight Range 9-29 LB/LF Structural Tubing - Rectangle	11,057.44	862.05
		For ASTM A242 Type 2 High Strength Steel, Add	*811.03*	
		For Hot Dip Galvanizing, Add	*2,838.62*	
		For >10 To 25 Tons, Deduct	*-861.72*	
		For >25 To 50 Tons, Deduct	*-1,774.14*	
		For >50 Tons, Deduct	*-2,534.48*	
05 12 23 00-0066	TON	7" x 5", 4", 3" Weight Range 12-35 LB/LF Structural Tubing - Rectangle	10,863.24	957.74
		For ASTM A242 Type 2 High Strength Steel, Add	*787.32*	
		For Hot Dip Galvanizing, Add	*2,755.63*	
		For >10 To 25 Tons, Deduct	*-836.53*	
		For >25 To 50 Tons, Deduct	*-1,722.27*	
		For >50 Tons, Deduct	*-2,460.39*	
05 12 23 00-0067	TON	8" x 6", 4", 3", 2" Weight Range 11-42 LB/LF Structural Tubing - Rectangle	11,023.34	1,325.41
		For ASTM A242 Type 2 High Strength Steel, Add	*768.76*	
		For Hot Dip Galvanizing, Add	*2,690.68*	
		For >10 To 25 Tons, Deduct	*-816.81*	
		For >25 To 50 Tons, Deduct	*-1,681.67*	
		For >50 Tons, Deduct	*-2,402.39*	
05 12 23 00-0068	TON	10" x 6", 4", 2" Weight Range 15-50 LB/LF Structural Tubing - Rectangle	11,449.28	1,752.12
		For ASTM A242 Type 2 High Strength Steel, Add	*766.43*	
		For Hot Dip Galvanizing, Add	*2,682.49*	
		For >10 To 25 Tons, Deduct	*-814.33*	
		For >25 To 50 Tons, Deduct	*-1,676.56*	
		For >50 Tons, Deduct	*-2,395.08*	
05 12 23 00-0069	TON	12" x 6", 4", 2" Weight Range 17-76 LB/LF Structural Tubing - Rectangle	11,723.28	1,913.90
		For ASTM A242 Type 2 High Strength Steel, Add	*774.54*	
		For Hot Dip Galvanizing, Add	*2,710.88*	
		For >10 To 25 Tons, Deduct	*-822.95*	
		For >25 To 50 Tons, Deduct	*-1,694.30*	
		For >50 Tons, Deduct	*-2,420.43*	
05 12 23 00-0070	TON	14" x 10", 6", 4" Weight Range 29-76 LB/LF Structural Tubing - Rectangle	11,980.52	2,155.13
		For ASTM A242 Type 2 High Strength Steel, Add	*774.54*	
		For Hot Dip Galvanizing, Add	*2,710.88*	
		For >10 To 25 Tons, Deduct	*-822.95*	
		For >25 To 50 Tons, Deduct	*-1,694.30*	
		For >50 Tons, Deduct	*-2,420.43*	
05 12 23 00-0071	TON	16" x 12", 8", 4" Weight Range 40-90 LB/LF Structural Tubing - Rectangle	12,645.40	2,873.51
		For ASTM A242 Type 2 High Strength Steel, Add	*766.43*	
		For Hot Dip Galvanizing, Add	*2,682.49*	
		For >10 To 25 Tons, Deduct	*-814.33*	
		For >25 To 50 Tons, Deduct	*-1,676.56*	
		For >50 Tons, Deduct	*-2,395.08*	
05 12 23 00-0072	TON	18" x 6", 4" Weight Range 48-76 LB/LF Structural Tubing - Rectangle	14,156.30	4,527.64
		For ASTM A242 Type 2 High Strength Steel, Add	*746.15*	
		For Hot Dip Galvanizing, Add	*2,611.53*	
		For >10 To 25 Tons, Deduct	*-792.78*	
		For >25 To 50 Tons, Deduct	*-1,632.20*	
		For >50 Tons, Deduct	*-2,331.72*	
05 12 23 00-0073	TON	20" x 12", 8", 4" Weight Range 48-105 LB/LF Structural Tubing - Rectangle	15,957.37	6,610.92
		For ASTM A242 Type 2 High Strength Steel, Add	*712.47*	
		For Hot Dip Galvanizing, Add	*2,493.63*	
		For >10 To 25 Tons, Deduct	*-756.99*	
		For >25 To 50 Tons, Deduct	*-1,558.52*	
		For >50 Tons, Deduct	*-2,226.46*	
05 12 23 00-0074		Square Structural Tubing *(05 12 23 00-0060)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0075	TON	2" x 2" Weight Range 4-6 LB/LF Structural Tubing - Square	13,247.10	538.78
		For ASTM A242 Type 2 High Strength Steel, Add	*1,013.79*	
		For Hot Dip Galvanizing, Add	*3,548.27*	
		For >10 To 25 Tons, Deduct	*-1,077.15*	
		For >25 To 50 Tons, Deduct	*-2,217.67*	
		For >50 Tons, Deduct	*-3,168.10*	
05 12 23 00-0076	TON	2.5" x 2.5" Weight Range 5-8 LB/LF Structural Tubing - Square	13,285.41	574.70
		For ASTM A242 Type 2 High Strength Steel, Add	*1,013.79*	
		For Hot Dip Galvanizing, Add	*3,548.27*	
		For >10 To 25 Tons, Deduct	*-1,077.15*	
		For >25 To 50 Tons, Deduct	*-2,217.67*	
		For >50 Tons, Deduct	*-3,168.10*	
05 12 23 00-0077	TON	3" x 3" Weight Range 6-11 LB/LF Structural Tubing - Square	11,917.98	718.37
		For ASTM A242 Type 2 High Strength Steel, Add	*892.14*	
		For Hot Dip Galvanizing, Add	*3,122.48*	
		For >10 To 25 Tons, Deduct	*-947.90*	
		For >25 To 50 Tons, Deduct	*-1,951.55*	
		For >50 Tons, Deduct	*-2,787.93*	
05 12 23 00-0078	TON	3.5" x 3.5" Weight Range 8-13 LB/LF Structural Tubing - Square	11,817.78	862.05
		For ASTM A242 Type 2 High Strength Steel, Add	*871.86*	
		For Hot Dip Galvanizing, Add	*3,051.51*	
		For >10 To 25 Tons, Deduct	*-926.35*	
		For >25 To 50 Tons, Deduct	*-1,907.20*	
		For >50 Tons, Deduct	*-2,724.57*	
05 12 23 00-0079	TON	4" x 4" Weight Range 10-22 LB/LF Structural Tubing - Square	9,462.49	1,077.57
		For ASTM A242 Type 2 High Strength Steel, Add	*665.05*	
		For Hot Dip Galvanizing, Add	*2,327.67*	
		For >10 To 25 Tons, Deduct	*-706.61*	
		For >25 To 50 Tons, Deduct	*-1,454.79*	
		For >50 Tons, Deduct	*-2,078.27*	
05 12 23 00-0080	TON	5" x 5" Weight Range 12-30 LB/LF Structural Tubing - Square	9,626.69	1,231.44
		For ASTM A242 Type 2 High Strength Steel, Add	*665.05*	
		For Hot Dip Galvanizing, Add	*2,327.67*	
		For >10 To 25 Tons, Deduct	*-706.61*	
		For >25 To 50 Tons, Deduct	*-1,454.79*	
		For >50 Tons, Deduct	*-2,078.27*	
05 12 23 00-0081	TON	6" x 6" Weight Range 15-35 LB/LF Structural Tubing - Square	10,152.13	1,724.10
		For ASTM A242 Type 2 High Strength Steel, Add	*665.05*	
		For Hot Dip Galvanizing, Add	*2,327.67*	
		For >10 To 25 Tons, Deduct	*-706.61*	
		For >25 To 50 Tons, Deduct	*-1,454.79*	
		For >50 Tons, Deduct	*-2,078.27*	
05 12 23 00-0082	TON	7" x 7" Weight Range 17-42 LB/LF Structural Tubing - Square	10,763.97	2,155.13
		For ASTM A242 Type 2 High Strength Steel, Add	*677.21*	
		For Hot Dip Galvanizing, Add	*2,370.24*	
		For >10 To 25 Tons, Deduct	*-719.54*	
		For >25 To 50 Tons, Deduct	*-1,481.40*	
		For >50 Tons, Deduct	*-2,116.29*	
05 12 23 00-0083	TON	8" x 8" Weight Range 20-60 LB/LF Structural Tubing - Square	12,898.85	2,873.51
		For ASTM A242 Type 2 High Strength Steel, Add	*786.70*	
		For Hot Dip Galvanizing, Add	*2,753.46*	
		For >10 To 25 Tons, Deduct	*-835.87*	
		For >25 To 50 Tons, Deduct	*-1,720.91*	
		For >50 Tons, Deduct	*-2,458.45*	
05 12 23 00-0084	TON	10" x 10" Weight Range 33-77 LB/LF Structural Tubing - Square	14,431.38	4,310.25
		For ASTM A242 Type 2 High Strength Steel, Add	*786.70*	
		For Hot Dip Galvanizing, Add	*2,753.46*	
		For >10 To 25 Tons, Deduct	*-835.87*	
		For >25 To 50 Tons, Deduct	*-1,720.91*	
		For >50 Tons, Deduct	*-2,458.45*	
05 12 23 00-0085	TON	12" x 12" Weight Range 40-80 LB/LF Structural Tubing - Square	13,861.41	5,058.95
		For ASTM A242 Type 2 High Strength Steel, Add	*677.21*	
		For Hot Dip Galvanizing, Add	*2,370.24*	
		For >10 To 25 Tons, Deduct	*-719.54*	
		For >25 To 50 Tons, Deduct	*-1,481.40*	
		For >50 Tons, Deduct	*-2,116.29*	
05 12 23 00-0086	TON	14" x 14" Weight Range 57-90 LB/LF Structural Tubing - Square	16,682.57	6,610.92
		For ASTM A242 Type 2 High Strength Steel, Add	*770.48*	
		For Hot Dip Galvanizing, Add	*2,696.69*	
		For >10 To 25 Tons, Deduct	*-818.64*	
		For >25 To 50 Tons, Deduct	*-1,685.43*	
		For >50 Tons, Deduct	*-2,407.76*	
05 12 23 00-0087	TON	16" x 16" Weight Range 65-105 LB/LF Structural Tubing - Square	19,028.99	8,620.51
		For ASTM A242 Type 2 High Strength Steel, Add	*786.70*	
		For Hot Dip Galvanizing, Add	*2,753.46*	
		For >10 To 25 Tons, Deduct	*-835.87*	
		For >25 To 50 Tons, Deduct	*-1,720.91*	
		For >50 Tons, Deduct	*-2,458.45*	

05 12 23 00-0088 Structural Shapes *(05 12 23 00-0045)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0089	TON	Structural Shapes, Steel Angle A36 Structural Steel, Purlins And Girts (Up To 20 LB/LF)	9,503.65	3,335.02
		For ASTM A242 Type 2 High Strength Steel, Add	*336.80*	
		For Hot Dip Galvanizing, Add	*1,178.79*	
		For >20 To 50 LB/LF, Deduct	*-1,215.05*	
		For >50 To 75 LB/LF, Deduct	*-1,954.91*	
		For >75 To 100 LB/LF, Deduct	*-2,694.78*	
		For >10 To 25 Tons, Deduct	*-357.85*	
		For >25 To 50 Tons, Deduct	*-736.75*	
		For >50 Tons, Deduct	*-1,052.50*	
05 12 23 00-0090	TON	Structural Shapes, Steel Plate A36 Structural Steel Note: Up to 21.5 LB per SF	9,884.45	1,334.01
		For ASTM A242 Type 2 High Strength Steel, Add	*648.84*	
		For Hot Dip Galvanizing, Add	*2,270.94*	
		For >21.5 To 50 LB/LF, Deduct	*-1,077.14*	
		For >10 To 25 Tons, Deduct	*-689.39*	
		For >25 To 50 Tons, Deduct	*-1,419.34*	
		For >50 Tons, Deduct	*-2,027.63*	
05 12 23 00-0091	LB	Structural Shapes, Primed Pipe Supports (Up To 20 LB/LF)	5.76	0.30
05 12 23 00-0092	LB	Structural Shapes, Galvanized Pipe Supports	7.02	0.30

05 12 23 00-0093 Built-Up Trusses *(05 12 23 00-0045)*

05 12 23 00-0094	TON	Up To 50 LF Span Average Weight 100 LB/LF Trusses, Built-up	10,775.09	431.02
		For >10 To 25 Tons, Deduct	*-876.80*	
		For >25 To 50 Tons, Deduct	*-1,805.18*	
		For >50 Tons, Deduct	*-2,578.83*	
05 12 23 00-0095	TON	>50-100 LF Span Average Weight 120 LB/LF Trusses, Built-up	10,672.13	239.36
		For >10 To 25 Tons, Deduct	*-885.42*	
		For >25 To 50 Tons, Deduct	*-1,822.92*	
		For >50 Tons, Deduct	*-2,604.18*	
05 12 23 00-0096	TON	>100-200 LF Span Average Weight 150 LB/LF Trusses, Built-up	9,512.79	126.73
		For >10 To 25 Tons, Deduct	*-797.09*	
		For >25 To 50 Tons, Deduct	*-1,641.07*	
		For >50 Tons, Deduct	*-2,344.39*	
05 12 23 00-0097	TON	>200 LF Span Average Weight 180 LB/LF Trusses, Built-up	9,251.83	119.82
		For >10 To 25 Tons, Deduct	*-775.55*	
		For >25 To 50 Tons, Deduct	*-1,596.72*	
		For >50 Tons, Deduct	*-2,281.03*	

05 12 23 00-0098 Accessories For Steel *(05 12 23)*

05 12 23 00-0099 Field Painting For Touch-Up Of Shop Prime Coat *(05 12 23 00-0098)*

05 12 23 00-0100	SF	Touch Up Paint - Type 1 Red Oxide Field Painting Prime Coat	1.59	

05 12 23 00-0101 Connection And Stiffener Plates *(05 12 23 00-0098)*

Note: For field fabrication of additional structural metal connections.

05 12 23 00-0102	TON	1/8" Plate Weight 6.16 LB/SF Connection And Stiffener Plates	23,414.23	
		For >10 To 25 Tons, Deduct	*-1,990.21*	
		For >25 To 50 Tons, Deduct	*-4,097.49*	
		For >50 Tons, Deduct	*-5,853.56*	
05 12 23 00-0103	TON	3/16" Plate Weight 8.71 LB/SF Connection And Stiffener Plates	19,976.92	
		For >10 To 25 Tons, Deduct	*-1,698.04*	
		For >25 To 50 Tons, Deduct	*-3,495.96*	
		For >50 Tons, Deduct	*-4,994.23*	
05 12 23 00-0104	TON	1/4" Plate Weight 11.26 LB/SF Connection And Stiffener Plates	15,448.56	
		For >10 To 25 Tons, Deduct	*-1,313.13*	
		For >25 To 50 Tons, Deduct	*-2,703.50*	
		For >50 Tons, Deduct	*-3,862.14*	
05 12 23 00-0105	TON	5/16" Plate Weight 13.81 LB/SF Connection And Stiffener Plates	15,448.56	
		For >10 To 25 Tons, Deduct	*-1,313.13*	
		For >25 To 50 Tons, Deduct	*-2,703.50*	
		For >50 Tons, Deduct	*-3,862.14*	
05 12 23 00-0106	TON	3/8" Plate Weight 16.37 LB/SF Connection And Stiffener Plates	15,448.56	
		For >10 To 25 Tons, Deduct	*-1,313.13*	
		For >25 To 50 Tons, Deduct	*-2,703.50*	
		For >50 Tons, Deduct	*-3,862.14*	
05 12 23 00-0107	TON	1/2" Plate Weight 21.47 LB/SF Connection And Stiffener Plates	15,448.56	
		For >10 To 25 Tons, Deduct	*-1,313.13*	
		For >25 To 50 Tons, Deduct	*-2,703.50*	
		For >50 Tons, Deduct	*-3,862.14*	
05 12 23 00-0108	TON	9/16" Plate Weight 24.02 LB/SF Connection And Stiffener Plates	15,448.56	
		For >10 To 25 Tons, Deduct	*-1,313.13*	
		For >25 To 50 Tons, Deduct	*-2,703.50*	
		For >50 Tons, Deduct	*-3,862.14*	
05 12 23 00-0109	TON	5/8" Plate Weight 26.58 LB/SF Connection And Stiffener Plates	15,448.56	
		For >10 To 25 Tons, Deduct	*-1,313.13*	
		For >25 To 50 Tons, Deduct	*-2,703.50*	
		For >50 Tons, Deduct	*-3,862.14*	
05 12 23 00-0110	TON	3/4" Plate Weight 31.68 LB/SF Connection And Stiffener Plates	14,483.03	
		For >10 To 25 Tons, Deduct	*-1,231.06*	
		For >25 To 50 Tons, Deduct	*-2,534.53*	
		For >50 Tons, Deduct	*-3,620.76*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0111	TON	7/8" Plate Weight 36.78 LB/SF Connection And Stiffener Plates	14,483.03	
		For >10 To 25 Tons, Deduct	*-1,231.06*	
		For >25 To 50 Tons, Deduct	*-2,534.53*	
		For >50 Tons, Deduct	*-3,620.76*	
05 12 23 00-0112	TON	1" Plate Weight 41.89 LB/SF Connection And Stiffener Plates	14,483.03	
		For >10 To 25 Tons, Deduct	*-1,231.06*	
		For >25 To 50 Tons, Deduct	*-2,534.53*	
		For >50 Tons, Deduct	*-3,620.76*	

05 12 23 00-0113 Field Applied Cold Galvanizing *(05 12 23 00-0098)*

05 12 23 00-0114	SF	Brush Applied Cold Galvanizing	2.12	

05 12 23 00-0115 Metal Grinding *(05 12 23 00-0098)*

Note: For use to prepare existing metal for welding by removing of rust or scale and smoothing surface after torch cutting.

05 12 23 00-0116	SI	Metal Grinding Up To 1/32" Thickness To Be Removed Note: Includes rust or scale removal on metal and smoothing surface.	1.02	

05 12 23 00-0117 Structural Steel For Buildings And Structures *(05 12 23)*

Note: Prices by Ton (or LB) are based on ASTM A992/A36 steel with bolted standard beam connections and shop primed with red primer paint. Stock cross-sections only. Includes shop fabrication into sub-assemblies and delivery to site, all connecting bolts, connecting welds, and crane for erection (or demolition). Excludes moment connection welding.

05 12 23 00-0118 First Tier A992/A36 Structural Steel Columns, W Shapes *(05 12 23 00-0117)*

Note: With base plate. Includes material delivery and erection.

05 12 23 00-0119	LF	W14 x 730 A992/A36 Structural Column	1,681.41	92.50
		For Hot Dip Galvanizing, Add	*439.23*	
		For High Strength Low Alloy A572-50 Steel, Add	*151.33*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*336.28*	
05 12 23 00-0120	LF	W14 x 665 A992/A36 Structural Column	1,533.77	86.22
		For Hot Dip Galvanizing, Add	*400.12*	
		For High Strength Low Alloy A572-50 Steel, Add	*138.04*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*306.75*	
05 12 23 00-0121	LF	W14 x 605 A992/A36 Structural Column	1,397.34	80.25
		For Hot Dip Galvanizing, Add	*364.02*	
		For High Strength Low Alloy A572-50 Steel, Add	*125.76*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*279.47*	
05 12 23 00-0122	LF	W14 x 550 A992/A36 Structural Column	1,272.11	74.65
		For Hot Dip Galvanizing, Add	*330.92*	
		For High Strength Low Alloy A572-50 Steel, Add	*114.49*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*254.42*	
05 12 23 00-0123	LF	W14 x 500 A992/A36 Structural Column	1,163.84	74.71
		For Hot Dip Galvanizing, Add	*300.84*	
		For High Strength Low Alloy A572-50 Steel, Add	*104.75*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*232.77*	
05 12 23 00-0124	LF	W14 x 426 A992/A36 Structural Column	993.17	65.23
		For Hot Dip Galvanizing, Add	*256.32*	
		For High Strength Low Alloy A572-50 Steel, Add	*89.39*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*198.63*	
05 12 23 00-0125	LF	W14 x 342 A992/A36 Structural Column	803.53	56.47
		For Hot Dip Galvanizing, Add	*206.29*	
		For High Strength Low Alloy A572-50 Steel, Add	*72.32*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*160.71*	
05 12 23 00-0126	LF	W14 x 311 A992/A36 Structural Column	723.94	52.73
		For Hot Dip Galvanizing, Add	*185.28*	
		For High Strength Low Alloy A572-50 Steel, Add	*65.15*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*144.79*	
05 12 23 00-0127	LF	W14 x 283 A992/A36 Structural Column	657.31	49.71
		For Hot Dip Galvanizing, Add	*167.71*	
		For High Strength Low Alloy A572-50 Steel, Add	*59.16*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*131.46*	
05 12 23 00-0128	LF	W14 x 257 A992/A36 Structural Column	578.16	47.13
		For Hot Dip Galvanizing, Add	*146.50*	
		For High Strength Low Alloy A572-50 Steel, Add	*52.03*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*115.63*	
05 12 23 00-0129	LF	W14 x 233 A992/A36 Structural Column	532.12	43.82
		For Hot Dip Galvanizing, Add	*134.70*	
		For High Strength Low Alloy A572-50 Steel, Add	*47.89*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*106.42*	
05 12 23 00-0130	LF	W14 x 211 A992/A36 Structural Column	473.52	40.80
		For Hot Dip Galvanizing, Add	*119.32*	
		For High Strength Low Alloy A572-50 Steel, Add	*42.62*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*94.70*	
05 12 23 00-0131	LF	W14 x 193 A992/A36 Structural Column	428.50	38.79
		For Hot Dip Galvanizing, Add	*107.43*	
		For High Strength Low Alloy A572-50 Steel, Add	*38.57*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*85.70*	
05 12 23 00-0132	LF	W14 x 176 A992/A36 Structural Column	386.45	37.06
		For Hot Dip Galvanizing, Add	*96.28*	
		For High Strength Low Alloy A572-50 Steel, Add	*34.78*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*77.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0133	LF	W14 x 159 A992/A36 Structural Column	349.68	35.77
		For Hot Dip Galvanizing, Add	*86.47*	
		For High Strength Low Alloy A572-50 Steel, Add	*31.47*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*69.94*	
05 12 23 00-0134	LF	W14 x 145 A992/A36 Structural Column	337.93	34.63
		For Hot Dip Galvanizing, Add	*83.53*	
		For High Strength Low Alloy A572-50 Steel, Add	*30.41*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*67.59*	
05 12 23 00-0135	LF	W14 x 132 A992/A36 Structural Column	289.39	33.04
		For Hot Dip Galvanizing, Add	*70.54*	
		For High Strength Low Alloy A572-50 Steel, Add	*26.05*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*57.88*	
05 12 23 00-0136	LF	W14 x 120 A992/A36 Structural Column	271.49	32.18
		For Hot Dip Galvanizing, Add	*65.81*	
		For High Strength Low Alloy A572-50 Steel, Add	*24.43*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*54.30*	
05 12 23 00-0137	LF	W14 x 109 A992/A36 Structural Column	243.32	30.89
		For Hot Dip Galvanizing, Add	*58.39*	
		For High Strength Low Alloy A572-50 Steel, Add	*21.90*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*48.66*	
05 12 23 00-0138	LF	W14 x 99 A992/A36 Structural Column	222.23	30.03
		For Hot Dip Galvanizing, Add	*52.82*	
		For High Strength Low Alloy A572-50 Steel, Add	*20.00*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*44.45*	
05 12 23 00-0139	LF	W14 x 90 A992/A36 Structural Column	206.62	29.31
		For Hot Dip Galvanizing, Add	*48.68*	
		For High Strength Low Alloy A572-50 Steel, Add	*18.60*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*41.32*	
05 12 23 00-0140	LF	W14 x 82 A992/A36 Structural Column	190.51	28.44
		For Hot Dip Galvanizing, Add	*44.45*	
		For High Strength Low Alloy A572-50 Steel, Add	*17.15*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*38.10*	
05 12 23 00-0141	LF	W14 x 74 A992/A36 Structural Column	172.25	27.73
		For Hot Dip Galvanizing, Add	*39.62*	
		For High Strength Low Alloy A572-50 Steel, Add	*15.50*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*34.45*	
05 12 23 00-0142	LF	W14 x 68 A992/A36 Structural Column	161.06	27.30
		For Hot Dip Galvanizing, Add	*36.64*	
		For High Strength Low Alloy A572-50 Steel, Add	*14.50*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*32.21*	
05 12 23 00-0143	LF	W14 x 61 A992/A36 Structural Column	147.05	26.58
		For Hot Dip Galvanizing, Add	*32.95*	
		For High Strength Low Alloy A572-50 Steel, Add	*13.23*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*29.41*	
05 12 23 00-0144	LF	W14 x 53 A992/A36 Structural Column	134.14	25.86
		For Hot Dip Galvanizing, Add	*29.57*	
		For High Strength Low Alloy A572-50 Steel, Add	*12.07*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*26.83*	
05 12 23 00-0145	LF	W14 x 48 A992/A36 Structural Column	125.81	25.43
		For Hot Dip Galvanizing, Add	*27.38*	
		For High Strength Low Alloy A572-50 Steel, Add	*11.32*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*25.16*	
05 12 23 00-0146	LF	W14 x 43 A992/A36 Structural Column	113.76	25.00
		For Hot Dip Galvanizing, Add	*24.19*	
		For High Strength Low Alloy A572-50 Steel, Add	*10.24*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*22.75*	
05 12 23 00-0147	LF	W12 x 336 A992/A36 Structural Column	766.57	41.20
		For Hot Dip Galvanizing, Add	*200.54*	
		For High Strength Low Alloy A572-50 Steel, Add	*68.99*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*153.31*	
05 12 23 00-0148	LF	W12 x 305 A992/A36 Structural Column	699.03	40.38
		For Hot Dip Galvanizing, Add	*182.03*	
		For High Strength Low Alloy A572-50 Steel, Add	*62.91*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*139.81*	
05 12 23 00-0149	LF	W12 x 279 A992/A36 Structural Column	642.58	39.89
		For Hot Dip Galvanizing, Add	*166.52*	
		For High Strength Low Alloy A572-50 Steel, Add	*57.83*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*128.52*	
05 12 23 00-0150	LF	W12 x 252 A992/A36 Structural Column	583.45	38.90
		For Hot Dip Galvanizing, Add	*150.40*	
		For High Strength Low Alloy A572-50 Steel, Add	*52.51*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*116.69*	
05 12 23 00-0151	LF	W12 x 230 A992/A36 Structural Column	535.54	38.33
		For Hot Dip Galvanizing, Add	*137.27*	
		For High Strength Low Alloy A572-50 Steel, Add	*48.20*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*107.11*	
05 12 23 00-0152	LF	W12 x 210 A992/A36 Structural Column	491.94	37.79
		For Hot Dip Galvanizing, Add	*125.34*	
		For High Strength Low Alloy A572-50 Steel, Add	*44.27*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*98.39*	
05 12 23 00-0153	LF	W12 x 190 A992/A36 Structural Column	451.04	39.65
		For Hot Dip Galvanizing, Add	*113.40*	
		For High Strength Low Alloy A572-50 Steel, Add	*40.59*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*90.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0154	LF	W12 x 170 A992/A36 Structural Column	407.86	38.51
		For Hot Dip Galvanizing, Add	*101.82*	
		For High Strength Low Alloy A572-50 Steel, Add	*36.71*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*81.57*	
05 12 23 00-0155	LF	W12 x 152 A992/A36 Structural Column	367.79	35.77
		For Hot Dip Galvanizing, Add	*91.49*	
		For High Strength Low Alloy A572-50 Steel, Add	*33.10*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*73.56*	
05 12 23 00-0156	LF	W12 x 136 A992/A36 Structural Column	349.74	34.77
		For Hot Dip Galvanizing, Add	*86.77*	
		For High Strength Low Alloy A572-50 Steel, Add	*31.48*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*69.95*	
05 12 23 00-0157	LF	W12 x 120 A992/A36 Structural Column	265.43	31.89
		For Hot Dip Galvanizing, Add	*64.17*	
		For High Strength Low Alloy A572-50 Steel, Add	*23.89*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*53.09*	
05 12 23 00-0158	LF	W12 x 106 A992/A36 Structural Column	244.76	30.89
		For Hot Dip Galvanizing, Add	*58.79*	
		For High Strength Low Alloy A572-50 Steel, Add	*22.03*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*48.95*	
05 12 23 00-0159	LF	W12 x 96 A992/A36 Structural Column	219.21	29.89
		For Hot Dip Galvanizing, Add	*52.02*	
		For High Strength Low Alloy A572-50 Steel, Add	*19.73*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*43.84*	
05 12 23 00-0160	LF	W12 x 87 A992/A36 Structural Column	202.38	28.88
		For Hot Dip Galvanizing, Add	*47.59*	
		For High Strength Low Alloy A572-50 Steel, Add	*18.21*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*40.48*	
05 12 23 00-0161	LF	W12 x 79 A992/A36 Structural Column	177.89	28.01
		For Hot Dip Galvanizing, Add	*41.07*	
		For High Strength Low Alloy A572-50 Steel, Add	*16.01*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*35.58*	
05 12 23 00-0162	LF	W12 x 72 A992/A36 Structural Column	162.99	27.30
		For Hot Dip Galvanizing, Add	*37.14*	
		For High Strength Low Alloy A572-50 Steel, Add	*14.67*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*32.60*	
05 12 23 00-0163	LF	W12 x 65 A992/A36 Structural Column	149.17	26.72
		For Hot Dip Galvanizing, Add	*33.50*	
		For High Strength Low Alloy A572-50 Steel, Add	*13.43*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*29.83*	
05 12 23 00-0164	LF	W12 x 58 A992/A36 Structural Column	144.40	26.44
		For Hot Dip Galvanizing, Add	*32.26*	
		For High Strength Low Alloy A572-50 Steel, Add	*13.00*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*28.88*	
05 12 23 00-0165	LF	W12 x 53 A992/A36 Structural Column	134.14	25.86
		For Hot Dip Galvanizing, Add	*29.57*	
		For High Strength Low Alloy A572-50 Steel, Add	*12.07*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*26.83*	
05 12 23 00-0166	LF	W12 x 50 A992/A36 Structural Column	130.05	25.72
		For Hot Dip Galvanizing, Add	*28.47*	
		For High Strength Low Alloy A572-50 Steel, Add	*11.70*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*26.01*	
05 12 23 00-0167	LF	W12 x 45 A992/A36 Structural Column	118.36	25.15
		For Hot Dip Galvanizing, Add	*25.39*	
		For High Strength Low Alloy A572-50 Steel, Add	*10.65*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*23.67*	
05 12 23 00-0168	LF	W12 x 40 A992/A36 Structural Column	106.30	24.57
		For Hot Dip Galvanizing, Add	*22.20*	
		For High Strength Low Alloy A572-50 Steel, Add	*9.57*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*21.26*	
05 12 23 00-0169	LF	W10 x 112 A992/A36 Structural Column	255.92	31.46
		For Hot Dip Galvanizing, Add	*61.73*	
		For High Strength Low Alloy A572-50 Steel, Add	*23.03*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*51.18*	
05 12 23 00-0170	LF	W10 x 110 A992/A36 Structural Column	231.66	30.17
		For Hot Dip Galvanizing, Add	*55.36*	
		For High Strength Low Alloy A572-50 Steel, Add	*20.85*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*46.33*	
05 12 23 00-0171	LF	W10 x 88 A992/A36 Structural Column	208.45	29.17
		For Hot Dip Galvanizing, Add	*49.23*	
		For High Strength Low Alloy A572-50 Steel, Add	*18.76*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*41.69*	
05 12 23 00-0172	LF	W10 x 77 A992/A36 Structural Column	185.60	28.01
		For Hot Dip Galvanizing, Add	*43.21*	
		For High Strength Low Alloy A572-50 Steel, Add	*16.70*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*37.12*	
05 12 23 00-0173	LF	W10 x 68 A992/A36 Structural Column	167.34	27.30
		For Hot Dip Galvanizing, Add	*38.38*	
		For High Strength Low Alloy A572-50 Steel, Add	*15.06*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*33.47*	
05 12 23 00-0174	LF	W10 x 60 A992/A36 Structural Column	147.05	26.58
		For Hot Dip Galvanizing, Add	*32.95*	
		For High Strength Low Alloy A572-50 Steel, Add	*13.23*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*29.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0175	LF	W10 x 54 A992/A36 Structural Column	146.05	26.15
		For Hot Dip Galvanizing, Add	*32.76*	
		For High Strength Low Alloy A572-50 Steel, Add	*13.14*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*29.21*	
05 12 23 00-0176	LF	W10 x 49 A992/A36 Structural Column	128.47	25.72
		For Hot Dip Galvanizing, Add	*28.07*	
		For High Strength Low Alloy A572-50 Steel, Add	*11.56*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*25.69*	
05 12 23 00-0177	LF	W10 x 45 A992/A36 Structural Column	124.06	25.29
		For Hot Dip Galvanizing, Add	*26.93*	
		For High Strength Low Alloy A572-50 Steel, Add	*11.17*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*24.81*	
05 12 23 00-0178	LF	W10 x 39 A992/A36 Structural Column	108.24	24.86
		For Hot Dip Galvanizing, Add	*22.70*	
		For High Strength Low Alloy A572-50 Steel, Add	*9.74*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*21.65*	
05 12 23 00-0179	LF	W10 x 33 A992/A36 Structural Column	94.61	24.13
		For Hot Dip Galvanizing, Add	*19.12*	
		For High Strength Low Alloy A572-50 Steel, Add	*8.51*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*18.92*	
05 12 23 00-0180	LF	W8 x 67 A992/A36 Structural Column	161.24	27.30
		For Hot Dip Galvanizing, Add	*36.69*	
		For High Strength Low Alloy A572-50 Steel, Add	*14.51*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*32.25*	
05 12 23 00-0181	LF	W8 x 58 A992/A36 Structural Column	144.94	26.44
		For Hot Dip Galvanizing, Add	*32.41*	
		For High Strength Low Alloy A572-50 Steel, Add	*13.04*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*28.99*	
05 12 23 00-0182	LF	W8 x 48 A992/A36 Structural Column	129.91	25.72
		For Hot Dip Galvanizing, Add	*28.47*	
		For High Strength Low Alloy A572-50 Steel, Add	*11.69*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*25.98*	
05 12 23 00-0183	LF	W8 x 40 A992/A36 Structural Column	111.79	25.00
		For Hot Dip Galvanizing, Add	*23.65*	
		For High Strength Low Alloy A572-50 Steel, Add	*10.06*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*22.36*	
05 12 23 00-0184	LF	W8 x 35 A992/A36 Structural Column	101.17	24.43
		For Hot Dip Galvanizing, Add	*20.86*	
		For High Strength Low Alloy A572-50 Steel, Add	*9.11*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*20.23*	
05 12 23 00-0185	LF	W8 x 31 A992/A36 Structural Column	92.63	24.13
		For Hot Dip Galvanizing, Add	*18.57*	
		For High Strength Low Alloy A572-50 Steel, Add	*8.34*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*18.53*	
05 12 23 00-0186	LF	W8 x 28 A992/A36 Structural Column	87.32	23.85
		For Hot Dip Galvanizing, Add	*17.17*	
		For High Strength Low Alloy A572-50 Steel, Add	*7.86*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*17.46*	
05 12 23 00-0187	LF	W8 x 24 A992/A36 Structural Column	80.94	23.56
		For Hot Dip Galvanizing, Add	*15.48*	
		For High Strength Low Alloy A572-50 Steel, Add	*7.28*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*16.19*	
05 12 23 00-0188	LF	W8 x 21 A992/A36 Structural Column	76.70	23.42
		For Hot Dip Galvanizing, Add	*14.39*	
		For High Strength Low Alloy A572-50 Steel, Add	*6.90*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*15.34*	
05 12 23 00-0189	LF	W8 x 18 A992/A36 Structural Column	68.70	22.99
		For Hot Dip Galvanizing, Add	*12.25*	
		For High Strength Low Alloy A572-50 Steel, Add	*6.18*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*13.74*	
05 12 23 00-0190	LF	W6 x 25 A992/A36 Structural Column	84.89	23.56
		For Hot Dip Galvanizing, Add	*16.58*	
		For High Strength Low Alloy A572-50 Steel, Add	*7.64*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*16.98*	
05 12 23 00-0191	LF	W6 x 20 A992/A36 Structural Column	72.08	23.13
		For Hot Dip Galvanizing, Add	*13.14*	
		For High Strength Low Alloy A572-50 Steel, Add	*6.49*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*14.42*	
05 12 23 00-0192	LF	W6 x 15 A992/A36 Structural Column	62.02	22.41
		For Hot Dip Galvanizing, Add	*10.55*	
		For High Strength Low Alloy A572-50 Steel, Add	*5.58*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*12.40*	
05 12 23 00-0193	LF	W6 x 12 A992/A36 Structural Column	58.25	22.41
		For Hot Dip Galvanizing, Add	*9.51*	
		For High Strength Low Alloy A572-50 Steel, Add	*5.24*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*11.65*	
05 12 23 00-0194	LF	W6 x 9 A992/A36 Structural Column	53.45	22.27
		For Hot Dip Galvanizing, Add	*8.21*	
		For High Strength Low Alloy A572-50 Steel, Add	*4.81*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*10.69*	
05 12 23 00-0195	LF	W5 x 19 A992/A36 Structural Column	71.00	23.13
		For Hot Dip Galvanizing, Add	*12.84*	
		For High Strength Low Alloy A572-50 Steel, Add	*6.39*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*14.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0196	LF	W5 x 16 A992/A36 Structural Column	65.51	22.99
		For Hot Dip Galvanizing, Add	*11.40*	
		For High Strength Low Alloy A572-50 Steel, Add	*5.90*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*13.10*	
05 12 23 00-0197	LF	W4 x 13 A992/A36 Structural Column	61.44	22.70
		For Hot Dip Galvanizing, Add	*10.35*	
		For High Strength Low Alloy A572-50 Steel, Add	*5.53*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*12.29*	

05 12 23 00-0198 A992/A36 Structural Steel Beams And Girders, W Shapes *(05 12 23 00-0117)*

Note: Includes material delivery and erection.

05 12 23 00-0199	LF	W36 x 300 A992/A36 Structural Beam Or Girder	617.38	101.30
		For Hot Dip Galvanizing, Add	*141.34*	
		For High Strength Low Alloy A572-50 Steel, Add	*55.56*	
		For High Strength Low Alloy A588 Steel, Add	*123.48*	
		For Each Additional Top Copes >2, Add	*5.09*	
		For Structural Tees, WT, MT Or ST, Deduct	*-199.88*	
		For Skewed Or Sloped Connections, Add	*74.09*	
05 12 23 00-0200	LF	W36 x 280 A992/A36 Structural Beam Or Girder	590.32	107.75
		For Hot Dip Galvanizing, Add	*131.92*	
		For High Strength Low Alloy A572-50 Steel, Add	*53.13*	
		For High Strength Low Alloy A588 Steel, Add	*118.06*	
		For Each Additional Top Copes >2, Add	*4.75*	
		For Structural Tees, WT, MT Or ST, Deduct	*-189.37*	
		For Skewed Or Sloped Connections, Add	*70.84*	
05 12 23 00-0201	LF	W36 x 260 A992/A36 Structural Beam Or Girder	559.33	106.46
		For Hot Dip Galvanizing, Add	*123.72*	
		For High Strength Low Alloy A572-50 Steel, Add	*50.34*	
		For High Strength Low Alloy A588 Steel, Add	*111.87*	
		For Each Additional Top Copes >2, Add	*4.46*	
		For Structural Tees, WT, MT Or ST, Deduct	*-178.74*	
		For Skewed Or Sloped Connections, Add	*67.12*	
05 12 23 00-0202	LF	W36 x 240 A992/A36 Structural Beam Or Girder	527.54	97.64
		For Hot Dip Galvanizing, Add	*117.49*	
		For High Strength Low Alloy A572-50 Steel, Add	*47.48*	
		For High Strength Low Alloy A588 Steel, Add	*105.51*	
		For Each Additional Top Copes >2, Add	*4.23*	
		For Structural Tees, WT, MT Or ST, Deduct	*-169.02*	
		For Skewed Or Sloped Connections, Add	*63.30*	
05 12 23 00-0203	LF	W36 x 230 A992/A36 Structural Beam Or Girder	511.37	99.03
		For Hot Dip Galvanizing, Add	*112.60*	
		For High Strength Low Alloy A572-50 Steel, Add	*46.02*	
		For High Strength Low Alloy A588 Steel, Add	*102.27*	
		For Each Additional Top Copes >2, Add	*4.06*	
		For Structural Tees, WT, MT Or ST, Deduct	*-163.14*	
		For Skewed Or Sloped Connections, Add	*61.36*	
05 12 23 00-0204	LF	W36 x 210 A992/A36 Structural Beam Or Girder	480.37	103.01
		For Hot Dip Galvanizing, Add	*102.80*	
		For High Strength Low Alloy A572-50 Steel, Add	*43.23*	
		For High Strength Low Alloy A588 Steel, Add	*96.07*	
		For Each Additional Top Copes >2, Add	*3.70*	
		For Structural Tees, WT, MT Or ST, Deduct	*-151.64*	
		For Skewed Or Sloped Connections, Add	*57.64*	
05 12 23 00-0205	LF	W36 x 194 A992/A36 Structural Beam Or Girder	458.82	94.70
		For Hot Dip Galvanizing, Add	*99.29*	
		For High Strength Low Alloy A572-50 Steel, Add	*41.29*	
		For High Strength Low Alloy A588 Steel, Add	*91.76*	
		For Each Additional Top Copes >2, Add	*3.58*	
		For Structural Tees, WT, MT Or ST, Deduct	*-145.44*	
		For Skewed Or Sloped Connections, Add	*55.06*	
05 12 23 00-0206	LF	W36 x 182 A992/A36 Structural Beam Or Girder	435.95	94.01
		For Hot Dip Galvanizing, Add	*93.15*	
		For High Strength Low Alloy A572-50 Steel, Add	*39.24*	
		For High Strength Low Alloy A588 Steel, Add	*87.19*	
		For Each Additional Top Copes >2, Add	*3.36*	
		For Structural Tees, WT, MT Or ST, Deduct	*-137.54*	
		For Skewed Or Sloped Connections, Add	*52.31*	
05 12 23 00-0207	LF	W36 x 170 A992/A36 Structural Beam Or Girder	412.66	92.93
		For Hot Dip Galvanizing, Add	*87.01*	
		For High Strength Low Alloy A572-50 Steel, Add	*37.14*	
		For High Strength Low Alloy A588 Steel, Add	*82.53*	
		For Each Additional Top Copes >2, Add	*3.14*	
		For Structural Tees, WT, MT Or ST, Deduct	*-129.56*	
		For Skewed Or Sloped Connections, Add	*49.52*	
05 12 23 00-0208	LF	W36 x 160 A992/A36 Structural Beam Or Girder	401.42	99.72
		For Hot Dip Galvanizing, Add	*81.89*	
		For High Strength Low Alloy A572-50 Steel, Add	*36.13*	
		For High Strength Low Alloy A588 Steel, Add	*80.28*	
		For Each Additional Top Copes >2, Add	*2.95*	
		For Structural Tees, WT, MT Or ST, Deduct	*-124.55*	
		For Skewed Or Sloped Connections, Add	*48.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0209	LF	W36 x 150 A992/A36 Structural Beam Or Girder	385.24	98.99
		For Hot Dip Galvanizing, Add	*77.60*	
		For High Strength Low Alloy A572-50 Steel, Add	*34.67*	
		For High Strength Low Alloy A588 Steel, Add	*77.05*	
		For Each Additional Top Copes >2, Add	*2.80*	
		For Structural Tees, WT, MT Or ST, Deduct	*-118.99*	
		For Skewed Or Sloped Connections, Add	*46.23*	
05 12 23 00-0210	LF	W36 x 135 A992/A36 Structural Beam Or Girder	362.62	98.13
		For Hot Dip Galvanizing, Add	*71.60*	
		For High Strength Low Alloy A572-50 Steel, Add	*32.64*	
		For High Strength Low Alloy A588 Steel, Add	*72.52*	
		For Each Additional Top Copes >2, Add	*2.58*	
		For Structural Tees, WT, MT Or ST, Deduct	*-111.23*	
		For Skewed Or Sloped Connections, Add	*43.51*	
05 12 23 00-0211	LF	W33 x 241 A992/A36 Structural Beam Or Girder	534.49	100.71
		For Hot Dip Galvanizing, Add	*118.51*	
		For High Strength Low Alloy A572-50 Steel, Add	*48.10*	
		For High Strength Low Alloy A588 Steel, Add	*106.90*	
		For Each Additional Top Copes >2, Add	*4.27*	
		For Structural Tees, WT, MT Or ST, Deduct	*-170.96*	
		For Skewed Or Sloped Connections, Add	*64.14*	
05 12 23 00-0212	LF	W33 x 221 A992/A36 Structural Beam Or Girder	496.41	98.23
		For Hot Dip Galvanizing, Add	*108.68*	
		For High Strength Low Alloy A572-50 Steel, Add	*44.68*	
		For High Strength Low Alloy A588 Steel, Add	*99.28*	
		For Each Additional Top Copes >2, Add	*3.92*	
		For Structural Tees, WT, MT Or ST, Deduct	*-158.03*	
		For Skewed Or Sloped Connections, Add	*59.57*	
05 12 23 00-0213	LF	W33 x 201 A992/A36 Structural Beam Or Girder	465.38	102.30
		For Hot Dip Galvanizing, Add	*98.84*	
		For High Strength Low Alloy A572-50 Steel, Add	*41.88*	
		For High Strength Low Alloy A588 Steel, Add	*93.08*	
		For Each Additional Top Copes >2, Add	*3.56*	
		For Structural Tees, WT, MT Or ST, Deduct	*-146.50*	
		For Skewed Or Sloped Connections, Add	*55.85*	
05 12 23 00-0214	LF	W33 x 170 A992/A36 Structural Beam Or Girder	418.80	100.43
		For Hot Dip Galvanizing, Add	*86.51*	
		For High Strength Low Alloy A572-50 Steel, Add	*37.69*	
		For High Strength Low Alloy A588 Steel, Add	*83.76*	
		For Each Additional Top Copes >2, Add	*3.12*	
		For Structural Tees, WT, MT Or ST, Deduct	*-130.52*	
		For Skewed Or Sloped Connections, Add	*50.26*	
05 12 23 00-0215	LF	W33 x 152 A992/A36 Structural Beam Or Girder	387.00	92.64
		For Hot Dip Galvanizing, Add	*79.97*	
		For High Strength Low Alloy A572-50 Steel, Add	*34.83*	
		For High Strength Low Alloy A588 Steel, Add	*77.40*	
		For Each Additional Top Copes >2, Add	*2.88*	
		For Structural Tees, WT, MT Or ST, Deduct	*-120.63*	
		For Skewed Or Sloped Connections, Add	*46.44*	
05 12 23 00-0216	LF	W33 x 141 A992/A36 Structural Beam Or Girder	372.37	98.42
		For Hot Dip Galvanizing, Add	*74.19*	
		For High Strength Low Alloy A572-50 Steel, Add	*33.51*	
		For High Strength Low Alloy A588 Steel, Add	*74.47*	
		For Each Additional Top Copes >2, Add	*2.67*	
		For Structural Tees, WT, MT Or ST, Deduct	*-114.58*	
		For Skewed Or Sloped Connections, Add	*44.68*	
05 12 23 00-0217	LF	W33 x 130 A992/A36 Structural Beam Or Girder	354.05	97.70
		For Hot Dip Galvanizing, Add	*69.34*	
		For High Strength Low Alloy A572-50 Steel, Add	*31.86*	
		For High Strength Low Alloy A588 Steel, Add	*70.81*	
		For Each Additional Top Copes >2, Add	*2.50*	
		For Structural Tees, WT, MT Or ST, Deduct	*-108.29*	
		For Skewed Or Sloped Connections, Add	*42.49*	
05 12 23 00-0218	LF	W33 x 118 A992/A36 Structural Beam Or Girder	332.76	96.84
		For Hot Dip Galvanizing, Add	*63.68*	
		For High Strength Low Alloy A572-50 Steel, Add	*29.95*	
		For High Strength Low Alloy A588 Steel, Add	*66.55*	
		For Each Additional Top Copes >2, Add	*2.29*	
		For Structural Tees, WT, MT Or ST, Deduct	*-100.97*	
		For Skewed Or Sloped Connections, Add	*39.93*	
05 12 23 00-0219	LF	W30 x 211 A992/A36 Structural Beam Or Girder	476.60	98.05
		For Hot Dip Galvanizing, Add	*103.23*	
		For High Strength Low Alloy A572-50 Steel, Add	*42.89*	
		For High Strength Low Alloy A588 Steel, Add	*95.32*	
		For Each Additional Top Copes >2, Add	*3.72*	
		For Structural Tees, WT, MT Or ST, Deduct	*-151.12*	
		For Skewed Or Sloped Connections, Add	*57.19*	
05 12 23 00-0220	LF	W30 x 191 A992/A36 Structural Beam Or Girder	445.23	101.58
		For Hot Dip Galvanizing, Add	*93.45*	
		For High Strength Low Alloy A572-50 Steel, Add	*40.07*	
		For High Strength Low Alloy A588 Steel, Add	*89.05*	
		For Each Additional Top Copes >2, Add	*3.37*	
		For Structural Tees, WT, MT Or ST, Deduct	*-139.56*	
		For Skewed Or Sloped Connections, Add	*53.43*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0221	LF	W30 x 173 A992/A36 Structural Beam Or Girder	414.17	93.58
		For Hot Dip Galvanizing, Add	*87.23*	
		For High Strength Low Alloy A572-50 Steel, Add	*37.28*	
		For High Strength Low Alloy A588 Steel, Add	*82.83*	
		For Each Additional Top Copes >2, Add	*3.14*	
		For Structural Tees, WT, MT Or ST, Deduct	*-129.99*	
		For Skewed Or Sloped Connections, Add	*49.70*	
05 12 23 00-0222	LF	W30 x 154 A992/A36 Structural Beam Or Girder	385.57	99.13
		For Hot Dip Galvanizing, Add	*77.65*	
		For High Strength Low Alloy A572-50 Steel, Add	*34.70*	
		For High Strength Low Alloy A588 Steel, Add	*77.11*	
		For Each Additional Top Copes >2, Add	*2.80*	
		For Structural Tees, WT, MT Or ST, Deduct	*-119.09*	
		For Skewed Or Sloped Connections, Add	*46.27*	
05 12 23 00-0223	LF	W30 x 132 A992/A36 Structural Beam Or Girder	349.96	90.28
		For Hot Dip Galvanizing, Add	*70.39*	
		For High Strength Low Alloy A572-50 Steel, Add	*31.50*	
		For High Strength Low Alloy A588 Steel, Add	*69.99*	
		For Each Additional Top Copes >2, Add	*2.54*	
		For Structural Tees, WT, MT Or ST, Deduct	*-108.04*	
		For Skewed Or Sloped Connections, Add	*42.00*	
05 12 23 00-0224	LF	W30 x 124 A992/A36 Structural Beam Or Girder	334.54	90.23
		For Hot Dip Galvanizing, Add	*66.13*	
		For High Strength Low Alloy A572-50 Steel, Add	*30.11*	
		For High Strength Low Alloy A588 Steel, Add	*66.91*	
		For Each Additional Top Copes >2, Add	*2.38*	
		For Structural Tees, WT, MT Or ST, Deduct	*-102.65*	
		For Skewed Or Sloped Connections, Add	*40.14*	
05 12 23 00-0225	LF	W30 x 116 A992/A36 Structural Beam Or Girder	326.07	96.69
		For Hot Dip Galvanizing, Add	*61.86*	
		For High Strength Low Alloy A572-50 Steel, Add	*29.35*	
		For High Strength Low Alloy A588 Steel, Add	*65.21*	
		For Each Additional Top Copes >2, Add	*2.23*	
		For Structural Tees, WT, MT Or ST, Deduct	*-98.65*	
		For Skewed Or Sloped Connections, Add	*39.13*	
05 12 23 00-0226	LF	W30 x 108 A992/A36 Structural Beam Or Girder	301.44	87.07
		For Hot Dip Galvanizing, Add	*57.89*	
		For High Strength Low Alloy A572-50 Steel, Add	*27.13*	
		For High Strength Low Alloy A588 Steel, Add	*60.29*	
		For Each Additional Top Copes >2, Add	*2.09*	
		For Structural Tees, WT, MT Or ST, Deduct	*-91.58*	
		For Skewed Or Sloped Connections, Add	*36.17*	
05 12 23 00-0227	LF	W30 x 99 A992/A36 Structural Beam Or Girder	288.38	86.64
		For Hot Dip Galvanizing, Add	*54.43*	
		For High Strength Low Alloy A572-50 Steel, Add	*25.95*	
		For High Strength Low Alloy A588 Steel, Add	*57.68*	
		For Each Additional Top Copes >2, Add	*1.96*	
		For Structural Tees, WT, MT Or ST, Deduct	*-87.10*	
		For Skewed Or Sloped Connections, Add	*34.61*	
05 12 23 00-0228	LF	W27 x 178 A992/A36 Structural Beam Or Girder	461.23	109.56
		For Hot Dip Galvanizing, Add	*95.56*	
		For High Strength Low Alloy A572-50 Steel, Add	*41.51*	
		For High Strength Low Alloy A588 Steel, Add	*92.25*	
		For Each Additional Top Copes >2, Add	*3.44*	
		For Structural Tees, WT, MT Or ST, Deduct	*-143.90*	
		For Skewed Or Sloped Connections, Add	*55.35*	
05 12 23 00-0229	LF	W27 x 161 A992/A36 Structural Beam Or Girder	423.93	105.43
		For Hot Dip Galvanizing, Add	*86.43*	
		For High Strength Low Alloy A572-50 Steel, Add	*38.15*	
		For High Strength Low Alloy A588 Steel, Add	*84.79*	
		For Each Additional Top Copes >2, Add	*3.11*	
		For Structural Tees, WT, MT Or ST, Deduct	*-131.51*	
		For Skewed Or Sloped Connections, Add	*50.87*	
05 12 23 00-0230	LF	W27 x 146 A992/A36 Structural Beam Or Girder	390.93	101.70
		For Hot Dip Galvanizing, Add	*78.38*	
		For High Strength Low Alloy A572-50 Steel, Add	*35.18*	
		For High Strength Low Alloy A588 Steel, Add	*78.19*	
		For Each Additional Top Copes >2, Add	*2.82*	
		For Structural Tees, WT, MT Or ST, Deduct	*-120.55*	
		For Skewed Or Sloped Connections, Add	*46.91*	
05 12 23 00-0231	LF	W27 x 114 A992/A36 Structural Beam Or Girder	310.65	84.48
		For Hot Dip Galvanizing, Add	*61.20*	
		For High Strength Low Alloy A572-50 Steel, Add	*27.96*	
		For High Strength Low Alloy A588 Steel, Add	*62.13*	
		For Each Additional Top Copes >2, Add	*2.21*	
		For Structural Tees, WT, MT Or ST, Deduct	*-95.21*	
		For Skewed Or Sloped Connections, Add	*37.28*	
05 12 23 00-0232	LF	W27 x 102 A992/A36 Structural Beam Or Girder	289.71	86.64
		For Hot Dip Galvanizing, Add	*54.76*	
		For High Strength Low Alloy A572-50 Steel, Add	*26.07*	
		For High Strength Low Alloy A588 Steel, Add	*57.94*	
		For Each Additional Top Copes >2, Add	*1.97*	
		For Structural Tees, WT, MT Or ST, Deduct	*-87.54*	
		For Skewed Or Sloped Connections, Add	*34.77*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0233	LF	W27 x 94 A992/A36 Structural Beam Or Girder	277.44	86.06
		For Hot Dip Galvanizing, Add	*51.51*	
		For High Strength Low Alloy A572-50 Steel, Add	*24.97*	
		For High Strength Low Alloy A588 Steel, Add	*55.49*	
		For Each Additional Top Copes >2, Add	*1.86*	
		For Structural Tees, WT, MT Or ST, Deduct	*-83.33*	
		For Skewed Or Sloped Connections, Add	*33.29*	
05 12 23 00-0234	LF	W27 x 84 A992/A36 Structural Beam Or Girder	262.45	85.48
		For Hot Dip Galvanizing, Add	*47.55*	
		For High Strength Low Alloy A572-50 Steel, Add	*23.62*	
		For High Strength Low Alloy A588 Steel, Add	*52.49*	
		For Each Additional Top Copes >2, Add	*1.71*	
		For Structural Tees, WT, MT Or ST, Deduct	*-78.19*	
		For Skewed Or Sloped Connections, Add	*31.49*	
05 12 23 00-0235	LF	W24 x 162 A992/A36 Structural Beam Or Girder	408.24	101.08
		For Hot Dip Galvanizing, Add	*83.37*	
		For High Strength Low Alloy A572-50 Steel, Add	*36.74*	
		For High Strength Low Alloy A588 Steel, Add	*81.65*	
		For Each Additional Top Copes >2, Add	*3.00*	
		For Structural Tees, WT, MT Or ST, Deduct	*-126.71*	
		For Skewed Or Sloped Connections, Add	*48.99*	
05 12 23 00-0236	LF	W24 x 146 A992/A36 Structural Beam Or Girder	374.13	96.90
		For Hot Dip Galvanizing, Add	*75.14*	
		For High Strength Low Alloy A572-50 Steel, Add	*33.67*	
		For High Strength Low Alloy A588 Steel, Add	*74.83*	
		For Each Additional Top Copes >2, Add	*2.71*	
		For Structural Tees, WT, MT Or ST, Deduct	*-115.44*	
		For Skewed Or Sloped Connections, Add	*44.90*	
05 12 23 00-0237	LF	W24 x 131 A992/A36 Structural Beam Or Girder	341.60	92.50
		For Hot Dip Galvanizing, Add	*67.42*	
		For High Strength Low Alloy A572-50 Steel, Add	*30.74*	
		For High Strength Low Alloy A588 Steel, Add	*68.32*	
		For Each Additional Top Copes >2, Add	*2.43*	
		For Structural Tees, WT, MT Or ST, Deduct	*-104.76*	
		For Skewed Or Sloped Connections, Add	*40.99*	
05 12 23 00-0238	LF	W24 x 117 A992/A36 Structural Beam Or Girder	310.72	87.88
		For Hot Dip Galvanizing, Add	*60.21*	
		For High Strength Low Alloy A572-50 Steel, Add	*27.96*	
		For High Strength Low Alloy A588 Steel, Add	*62.14*	
		For Each Additional Top Copes >2, Add	*2.17*	
		For Structural Tees, WT, MT Or ST, Deduct	*-94.69*	
		For Skewed Or Sloped Connections, Add	*37.29*	
05 12 23 00-0239	LF	W24 x 104 A992/A36 Structural Beam Or Girder	281.51	83.11
		For Hot Dip Galvanizing, Add	*53.52*	
		For High Strength Low Alloy A572-50 Steel, Add	*25.34*	
		For High Strength Low Alloy A588 Steel, Add	*56.30*	
		For Each Additional Top Copes >2, Add	*1.93*	
		For Structural Tees, WT, MT Or ST, Deduct	*-85.23*	
		For Skewed Or Sloped Connections, Add	*33.78*	
05 12 23 00-0240	LF	W24 x 94 A992/A36 Structural Beam Or Girder	266.13	86.06
		For Hot Dip Galvanizing, Add	*48.37*	
		For High Strength Low Alloy A572-50 Steel, Add	*23.95*	
		For High Strength Low Alloy A588 Steel, Add	*53.23*	
		For Each Additional Top Copes >2, Add	*1.74*	
		For Structural Tees, WT, MT Or ST, Deduct	*-79.37*	
		For Skewed Or Sloped Connections, Add	*31.94*	
05 12 23 00-0241	LF	W24 x 84 A992/A36 Structural Beam Or Girder	242.50	76.29
		For Hot Dip Galvanizing, Add	*44.69*	
		For High Strength Low Alloy A572-50 Steel, Add	*21.83*	
		For High Strength Low Alloy A588 Steel, Add	*48.50*	
		For Each Additional Top Copes >2, Add	*1.61*	
		For Structural Tees, WT, MT Or ST, Deduct	*-72.66*	
		For Skewed Or Sloped Connections, Add	*29.10*	
05 12 23 00-0242	LF	W24 x 76 A992/A36 Structural Beam Or Girder	231.01	75.72
		For Hot Dip Galvanizing, Add	*41.66*	
		For High Strength Low Alloy A572-50 Steel, Add	*20.79*	
		For High Strength Low Alloy A588 Steel, Add	*46.20*	
		For Each Additional Top Copes >2, Add	*1.50*	
		For Structural Tees, WT, MT Or ST, Deduct	*-68.72*	
		For Skewed Or Sloped Connections, Add	*27.72*	
05 12 23 00-0243	LF	W24 x 68 A992/A36 Structural Beam Or Girder	216.56	75.29
		For Hot Dip Galvanizing, Add	*37.81*	
		For High Strength Low Alloy A572-50 Steel, Add	*19.49*	
		For High Strength Low Alloy A588 Steel, Add	*43.31*	
		For Each Additional Top Copes >2, Add	*1.36*	
		For Structural Tees, WT, MT Or ST, Deduct	*-63.75*	
		For Skewed Or Sloped Connections, Add	*25.99*	
05 12 23 00-0244	LF	W24 x 62 A992/A36 Structural Beam Or Girder	209.00	74.86
		For Hot Dip Galvanizing, Add	*35.83*	
		For High Strength Low Alloy A572-50 Steel, Add	*18.81*	
		For High Strength Low Alloy A588 Steel, Add	*41.80*	
		For Each Additional Top Copes >2, Add	*1.29*	
		For Structural Tees, WT, MT Or ST, Deduct	*-61.17*	
		For Skewed Or Sloped Connections, Add	*25.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0245	LF	W24 x 55 A992/A36 Structural Beam Or Girder	198.64	74.57
		For Hot Dip Galvanizing, Add	*33.08*	
		For High Strength Low Alloy A572-50 Steel, Add	*17.88*	
		For High Strength Low Alloy A588 Steel, Add	*39.73*	
		For Each Additional Top Copes >2, Add	*1.19*	
		For Structural Tees, WT, MT Or ST, Deduct	*-57.61*	
		For Skewed Or Sloped Connections, Add	*23.84*	
05 12 23 00-0246	LF	W21 x 147 A992/A36 Structural Beam Or Girder	356.38	83.12
		For Hot Dip Galvanizing, Add	*74.29*	
		For High Strength Low Alloy A572-50 Steel, Add	*32.07*	
		For High Strength Low Alloy A588 Steel, Add	*71.28*	
		For Each Additional Top Copes >2, Add	*2.68*	
		For Structural Tees, WT, MT Or ST, Deduct	*-111.43*	
		For Skewed Or Sloped Connections, Add	*42.77*	
05 12 23 00-0247	LF	W21 x 132 A992/A36 Structural Beam Or Girder	325.10	79.41
		For Hot Dip Galvanizing, Add	*66.71*	
		For High Strength Low Alloy A572-50 Steel, Add	*29.26*	
		For High Strength Low Alloy A588 Steel, Add	*65.02*	
		For Each Additional Top Copes >2, Add	*2.40*	
		For Structural Tees, WT, MT Or ST, Deduct	*-101.08*	
		For Skewed Or Sloped Connections, Add	*39.01*	
05 12 23 00-0248	LF	W21 x 122 A992/A36 Structural Beam Or Girder	305.46	78.08
		For Hot Dip Galvanizing, Add	*61.65*	
		For High Strength Low Alloy A572-50 Steel, Add	*27.49*	
		For High Strength Low Alloy A588 Steel, Add	*61.09*	
		For Each Additional Top Copes >2, Add	*2.22*	
		For Structural Tees, WT, MT Or ST, Deduct	*-94.42*	
		For Skewed Or Sloped Connections, Add	*36.66*	
05 12 23 00-0249	LF	W21 x 111 A992/A36 Structural Beam Or Girder	282.77	75.58
		For Hot Dip Galvanizing, Add	*56.10*	
		For High Strength Low Alloy A572-50 Steel, Add	*25.45*	
		For High Strength Low Alloy A588 Steel, Add	*56.55*	
		For Each Additional Top Copes >2, Add	*2.02*	
		For Structural Tees, WT, MT Or ST, Deduct	*-86.88*	
		For Skewed Or Sloped Connections, Add	*33.93*	
05 12 23 00-0250	LF	W21 x 101 A992/A36 Structural Beam Or Girder	261.97	73.16
		For Hot Dip Galvanizing, Add	*51.04*	
		For High Strength Low Alloy A572-50 Steel, Add	*23.58*	
		For High Strength Low Alloy A588 Steel, Add	*52.39*	
		For Each Additional Top Copes >2, Add	*1.84*	
		For Structural Tees, WT, MT Or ST, Deduct	*-79.99*	
		For Skewed Or Sloped Connections, Add	*31.44*	
05 12 23 00-0251	LF	W21 x 93 A992/A36 Structural Beam Or Girder	251.70	77.15
		For Hot Dip Galvanizing, Add	*47.00*	
		For High Strength Low Alloy A572-50 Steel, Add	*22.65*	
		For High Strength Low Alloy A588 Steel, Add	*50.34*	
		For Each Additional Top Copes >2, Add	*1.69*	
		For Structural Tees, WT, MT Or ST, Deduct	*-75.75*	
		For Skewed Or Sloped Connections, Add	*30.20*	
05 12 23 00-0252	LF	W21 x 83 A992/A36 Structural Beam Or Girder	238.13	76.29
		For Hot Dip Galvanizing, Add	*43.48*	
		For High Strength Low Alloy A572-50 Steel, Add	*21.43*	
		For High Strength Low Alloy A588 Steel, Add	*47.63*	
		For Each Additional Top Copes >2, Add	*1.57*	
		For Structural Tees, WT, MT Or ST, Deduct	*-71.13*	
		For Skewed Or Sloped Connections, Add	*28.58*	
05 12 23 00-0253	LF	W21 x 73 A992/A36 Structural Beam Or Girder	221.55	75.72
		For Hot Dip Galvanizing, Add	*39.07*	
		For High Strength Low Alloy A572-50 Steel, Add	*19.94*	
		For High Strength Low Alloy A588 Steel, Add	*44.31*	
		For Each Additional Top Copes >2, Add	*1.41*	
		For Structural Tees, WT, MT Or ST, Deduct	*-65.43*	
		For Skewed Or Sloped Connections, Add	*26.59*	
05 12 23 00-0254	LF	W21 x 68 A992/A36 Structural Beam Or Girder	213.19	75.29
		For Hot Dip Galvanizing, Add	*36.87*	
		For High Strength Low Alloy A572-50 Steel, Add	*19.19*	
		For High Strength Low Alloy A588 Steel, Add	*42.64*	
		For Each Additional Top Copes >2, Add	*1.33*	
		For Structural Tees, WT, MT Or ST, Deduct	*-62.57*	
		For Skewed Or Sloped Connections, Add	*25.58*	
05 12 23 00-0255	LF	W21 x 62 A992/A36 Structural Beam Or Girder	205.63	74.86
		For Hot Dip Galvanizing, Add	*34.89*	
		For High Strength Low Alloy A572-50 Steel, Add	*18.51*	
		For High Strength Low Alloy A588 Steel, Add	*41.13*	
		For Each Additional Top Copes >2, Add	*1.26*	
		For Structural Tees, WT, MT Or ST, Deduct	*-59.99*	
		For Skewed Or Sloped Connections, Add	*24.68*	
05 12 23 00-0256	LF	W21 x 57 A992/A36 Structural Beam Or Girder	198.79	74.71
		For Hot Dip Galvanizing, Add	*33.08*	
		For High Strength Low Alloy A572-50 Steel, Add	*17.89*	
		For High Strength Low Alloy A588 Steel, Add	*39.76*	
		For Each Additional Top Copes >2, Add	*1.19*	
		For Structural Tees, WT, MT Or ST, Deduct	*-57.64*	
		For Skewed Or Sloped Connections, Add	*23.85*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0257	LF	W21 x 50 A992/A36 Structural Beam Or Girder	176.14	64.80
		For Hot Dip Galvanizing, Add	*29.66*	
		For High Strength Low Alloy A572-50 Steel, Add	*15.85*	
		For High Strength Low Alloy A588 Steel, Add	*35.23*	
		For Each Additional Top Copes >2, Add	*1.07*	
		For Structural Tees, WT, MT Or ST, Deduct	*-51.26*	
		For Skewed Or Sloped Connections, Add	*21.14*	
05 12 23 00-0258	LF	W21 x 44 A992/A36 Structural Beam Or Girder	168.19	64.51
		For Hot Dip Galvanizing, Add	*27.57*	
		For High Strength Low Alloy A572-50 Steel, Add	*15.14*	
		For High Strength Low Alloy A588 Steel, Add	*33.64*	
		For Each Additional Top Copes >2, Add	*0.99*	
		For Structural Tees, WT, MT Or ST, Deduct	*-48.54*	
		For Skewed Or Sloped Connections, Add	*20.18*	
05 12 23 00-0259	LF	W18 x 119 A992/A36 Structural Beam Or Girder	297.35	77.81
		For Hot Dip Galvanizing, Add	*59.48*	
		For High Strength Low Alloy A572-50 Steel, Add	*26.76*	
		For High Strength Low Alloy A588 Steel, Add	*59.47*	
		For Each Additional Top Copes >2, Add	*2.14*	
		For Structural Tees, WT, MT Or ST, Deduct	*-91.62*	
		For Skewed Or Sloped Connections, Add	*35.68*	
05 12 23 00-0260	LF	W18 x 106 A992/A36 Structural Beam Or Girder	269.58	73.74
		For Hot Dip Galvanizing, Add	*52.98*	
		For High Strength Low Alloy A572-50 Steel, Add	*24.26*	
		For High Strength Low Alloy A588 Steel, Add	*53.92*	
		For Each Additional Top Copes >2, Add	*1.91*	
		For Structural Tees, WT, MT Or ST, Deduct	*-82.56*	
		For Skewed Or Sloped Connections, Add	*32.35*	
05 12 23 00-0261	LF	W18 x 97 A992/A36 Structural Beam Or Girder	257.19	77.15
		For Hot Dip Galvanizing, Add	*48.48*	
		For High Strength Low Alloy A572-50 Steel, Add	*23.15*	
		For High Strength Low Alloy A588 Steel, Add	*51.44*	
		For Each Additional Top Copes >2, Add	*1.75*	
		For Structural Tees, WT, MT Or ST, Deduct	*-77.65*	
		For Skewed Or Sloped Connections, Add	*30.86*	
05 12 23 00-0262	LF	W18 x 86 A992/A36 Structural Beam Or Girder	241.64	76.43
		For Hot Dip Galvanizing, Add	*44.41*	
		For High Strength Low Alloy A572-50 Steel, Add	*21.75*	
		For High Strength Low Alloy A588 Steel, Add	*48.33*	
		For Each Additional Top Copes >2, Add	*1.60*	
		For Structural Tees, WT, MT Or ST, Deduct	*-72.33*	
		For Skewed Or Sloped Connections, Add	*29.00*	
05 12 23 00-0263	LF	W18 x 76 A992/A36 Structural Beam Or Girder	227.64	75.72
		For Hot Dip Galvanizing, Add	*40.73*	
		For High Strength Low Alloy A572-50 Steel, Add	*20.49*	
		For High Strength Low Alloy A588 Steel, Add	*45.53*	
		For Each Additional Top Copes >2, Add	*1.47*	
		For Structural Tees, WT, MT Or ST, Deduct	*-67.54*	
		For Skewed Or Sloped Connections, Add	*27.32*	
05 12 23 00-0264	LF	W18 x 71 A992/A36 Structural Beam Or Girder	217.44	75.57
		For Hot Dip Galvanizing, Add	*37.97*	
		For High Strength Low Alloy A572-50 Steel, Add	*19.57*	
		For High Strength Low Alloy A588 Steel, Add	*43.49*	
		For Each Additional Top Copes >2, Add	*1.37*	
		For Structural Tees, WT, MT Or ST, Deduct	*-64.01*	
		For Skewed Or Sloped Connections, Add	*26.09*	
05 12 23 00-0265	LF	W18 x 65 A992/A36 Structural Beam Or Girder	207.49	75.29
		For Hot Dip Galvanizing, Add	*35.33*	
		For High Strength Low Alloy A572-50 Steel, Add	*18.67*	
		For High Strength Low Alloy A588 Steel, Add	*41.50*	
		For Each Additional Top Copes >2, Add	*1.27*	
		For Structural Tees, WT, MT Or ST, Deduct	*-60.60*	
		For Skewed Or Sloped Connections, Add	*24.90*	
05 12 23 00-0266	LF	W18 x 60 A992/A36 Structural Beam Or Girder	198.53	74.71
		For Hot Dip Galvanizing, Add	*32.96*	
		For High Strength Low Alloy A572-50 Steel, Add	*17.87*	
		For High Strength Low Alloy A588 Steel, Add	*39.71*	
		For Each Additional Top Copes >2, Add	*1.19*	
		For Structural Tees, WT, MT Or ST, Deduct	*-57.52*	
		For Skewed Or Sloped Connections, Add	*23.82*	
05 12 23 00-0267	LF	W18 x 55 A992/A36 Structural Beam Or Girder	189.52	74.57
		For Hot Dip Galvanizing, Add	*30.54*	
		For High Strength Low Alloy A572-50 Steel, Add	*17.06*	
		For High Strength Low Alloy A588 Steel, Add	*37.90*	
		For Each Additional Top Copes >2, Add	*1.10*	
		For Structural Tees, WT, MT Or ST, Deduct	*-54.41*	
		For Skewed Or Sloped Connections, Add	*22.74*	
05 12 23 00-0268	LF	W18 x 50 A992/A36 Structural Beam Or Girder	170.59	64.80
		For Hot Dip Galvanizing, Add	*28.12*	
		For High Strength Low Alloy A572-50 Steel, Add	*15.35*	
		For High Strength Low Alloy A588 Steel, Add	*34.12*	
		For Each Additional Top Copes >2, Add	*1.01*	
		For Structural Tees, WT, MT Or ST, Deduct	*-49.32*	
		For Skewed Or Sloped Connections, Add	*20.47*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0269	LF	W18 x 46 A992/A36 Structural Beam Or Girder	163.57	64.66
		For Hot Dip Galvanizing, Add	*26.25*	
		For High Strength Low Alloy A572-50 Steel, Add	*14.72*	
		For High Strength Low Alloy A588 Steel, Add	*32.71*	
		For Each Additional Top Copes >2, Add	*0.95*	
		For Structural Tees, WT, MT Or ST, Deduct	*-46.90*	
		For Skewed Or Sloped Connections, Add	*19.63*	
05 12 23 00-0270	LF	W18 x 40 A992/A36 Structural Beam Or Girder	142.99	55.17
		For Hot Dip Galvanizing, Add	*23.33*	
		For High Strength Low Alloy A572-50 Steel, Add	*12.87*	
		For High Strength Low Alloy A588 Steel, Add	*28.60*	
		For Each Additional Top Copes >2, Add	*0.84*	
		For Structural Tees, WT, MT Or ST, Deduct	*-41.21*	
		For Skewed Or Sloped Connections, Add	*17.16*	
05 12 23 00-0271	LF	W18 x 35 A992/A36 Structural Beam Or Girder	134.18	55.02
		For Hot Dip Galvanizing, Add	*20.97*	
		For High Strength Low Alloy A572-50 Steel, Add	*12.08*	
		For High Strength Low Alloy A588 Steel, Add	*26.84*	
		For Each Additional Top Copes >2, Add	*0.76*	
		For Structural Tees, WT, MT Or ST, Deduct	*-38.17*	
		For Skewed Or Sloped Connections, Add	*16.10*	
05 12 23 00-0272	LF	W16 x 100 A992/A36 Structural Beam Or Girder	241.25	50.14
		For Hot Dip Galvanizing, Add	*52.12*	
		For High Strength Low Alloy A572-50 Steel, Add	*21.71*	
		For High Strength Low Alloy A588 Steel, Add	*48.25*	
		For Each Additional Top Copes >2, Add	*1.88*	
		For Structural Tees, WT, MT Or ST, Deduct	*-76.42*	
		For Skewed Or Sloped Connections, Add	*28.95*	
05 12 23 00-0273	LF	W16 x 89 A992/A36 Structural Beam Or Girder	221.36	49.28
		For Hot Dip Galvanizing, Add	*46.83*	
		For High Strength Low Alloy A572-50 Steel, Add	*19.92*	
		For High Strength Low Alloy A588 Steel, Add	*44.27*	
		For Each Additional Top Copes >2, Add	*1.69*	
		For Structural Tees, WT, MT Or ST, Deduct	*-69.59*	
		For Skewed Or Sloped Connections, Add	*26.56*	
05 12 23 00-0274	LF	W16 x 77 A992/A36 Structural Beam Or Girder	200.02	48.71
		For Hot Dip Galvanizing, Add	*41.11*	
		For High Strength Low Alloy A572-50 Steel, Add	*18.00*	
		For High Strength Low Alloy A588 Steel, Add	*40.00*	
		For Each Additional Top Copes >2, Add	*1.48*	
		For Structural Tees, WT, MT Or ST, Deduct	*-62.23*	
		For Skewed Or Sloped Connections, Add	*24.00*	
05 12 23 00-0275	LF	W16 x 67 A992/A36 Structural Beam Or Girder	181.84	47.99
		For Hot Dip Galvanizing, Add	*36.27*	
		For High Strength Low Alloy A572-50 Steel, Add	*16.37*	
		For High Strength Low Alloy A588 Steel, Add	*36.37*	
		For Each Additional Top Copes >2, Add	*1.31*	
		For Structural Tees, WT, MT Or ST, Deduct	*-55.97*	
		For Skewed Or Sloped Connections, Add	*21.82*	
05 12 23 00-0276	LF	W16 x 57 A992/A36 Structural Beam Or Girder	163.87	47.27
		For Hot Dip Galvanizing, Add	*31.48*	
		For High Strength Low Alloy A572-50 Steel, Add	*14.75*	
		For High Strength Low Alloy A588 Steel, Add	*32.77*	
		For Each Additional Top Copes >2, Add	*1.13*	
		For Structural Tees, WT, MT Or ST, Deduct	*-49.79*	
		For Skewed Or Sloped Connections, Add	*19.66*	
05 12 23 00-0277	LF	W16 x 50 A992/A36 Structural Beam Or Girder	151.33	46.84
		For Hot Dip Galvanizing, Add	*28.12*	
		For High Strength Low Alloy A572-50 Steel, Add	*13.62*	
		For High Strength Low Alloy A588 Steel, Add	*30.27*	
		For Each Additional Top Copes >2, Add	*1.01*	
		For Structural Tees, WT, MT Or ST, Deduct	*-45.47*	
		For Skewed Or Sloped Connections, Add	*18.16*	
05 12 23 00-0278	LF	W16 x 45 A992/A36 Structural Beam Or Girder	142.52	46.56
		For Hot Dip Galvanizing, Add	*25.75*	
		For High Strength Low Alloy A572-50 Steel, Add	*12.83*	
		For High Strength Low Alloy A588 Steel, Add	*28.50*	
		For Each Additional Top Copes >2, Add	*0.93*	
		For Structural Tees, WT, MT Or ST, Deduct	*-42.43*	
		For Skewed Or Sloped Connections, Add	*17.10*	
05 12 23 00-0279	LF	W16 x 40 A992/A36 Structural Beam Or Girder	133.37	46.12
		For Hot Dip Galvanizing, Add	*23.33*	
		For High Strength Low Alloy A572-50 Steel, Add	*12.00*	
		For High Strength Low Alloy A588 Steel, Add	*26.67*	
		For Each Additional Top Copes >2, Add	*0.84*	
		For Structural Tees, WT, MT Or ST, Deduct	*-39.29*	
		For Skewed Or Sloped Connections, Add	*16.00*	
05 12 23 00-0280	LF	W16 x 36 A992/A36 Structural Beam Or Girder	126.20	45.83
		For Hot Dip Galvanizing, Add	*21.46*	
		For High Strength Low Alloy A572-50 Steel, Add	*11.36*	
		For High Strength Low Alloy A588 Steel, Add	*25.24*	
		For Each Additional Top Copes >2, Add	*0.77*	
		For Structural Tees, WT, MT Or ST, Deduct	*-36.84*	
		For Skewed Or Sloped Connections, Add	*15.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0281	LF	W16 x 31 A992/A36 Structural Beam Or Girder	107.56	36.49
		For Hot Dip Galvanizing, Add	*19.04*	
		For High Strength Low Alloy A572-50 Steel, Add	*9.68*	
		For High Strength Low Alloy A588 Steel, Add	*21.51*	
		For Each Additional Top Copes >2, Add	*0.69*	
		For Structural Tees, WT, MT Or ST, Deduct	*-31.81*	
		For Skewed Or Sloped Connections, Add	*12.91*	
05 12 23 00-0282	LF	W16 x 26 A992/A36 Structural Beam Or Girder	96.04	36.06
		For Hot Dip Galvanizing, Add	*15.96*	
		For High Strength Low Alloy A572-50 Steel, Add	*8.64*	
		For High Strength Low Alloy A588 Steel, Add	*19.21*	
		For Each Additional Top Copes >2, Add	*0.58*	
		For Structural Tees, WT, MT Or ST, Deduct	*-27.84*	
		For Skewed Or Sloped Connections, Add	*11.52*	
05 12 23 00-0283	LF	W14 x 99 A992/A36 Structural Beam Or Girder	229.84	41.09
		For Hot Dip Galvanizing, Add	*51.62*	
		For High Strength Low Alloy A572-50 Steel, Add	*20.69*	
		For High Strength Low Alloy A588 Steel, Add	*45.97*	
		For Each Additional Top Copes >2, Add	*1.86*	
		For Structural Tees, WT, MT Or ST, Deduct	*-73.87*	
		For Skewed Or Sloped Connections, Add	*27.58*	
05 12 23 00-0284	LF	W14 x 90 A992/A36 Structural Beam Or Girder	213.66	40.37
		For Hot Dip Galvanizing, Add	*47.33*	
		For High Strength Low Alloy A572-50 Steel, Add	*19.23*	
		For High Strength Low Alloy A588 Steel, Add	*42.73*	
		For Each Additional Top Copes >2, Add	*1.71*	
		For Structural Tees, WT, MT Or ST, Deduct	*-68.32*	
		For Skewed Or Sloped Connections, Add	*25.64*	
05 12 23 00-0285	LF	W14 x 82 A992/A36 Structural Beam Or Girder	199.20	39.94
		For Hot Dip Galvanizing, Add	*43.48*	
		For High Strength Low Alloy A572-50 Steel, Add	*17.93*	
		For High Strength Low Alloy A588 Steel, Add	*39.84*	
		For Each Additional Top Copes >2, Add	*1.57*	
		For Structural Tees, WT, MT Or ST, Deduct	*-63.34*	
		For Skewed Or Sloped Connections, Add	*23.90*	
05 12 23 00-0286	LF	W14 x 74 A992/A36 Structural Beam Or Girder	184.76	39.37
		For Hot Dip Galvanizing, Add	*39.62*	
		For High Strength Low Alloy A572-50 Steel, Add	*16.63*	
		For High Strength Low Alloy A588 Steel, Add	*36.95*	
		For Each Additional Top Copes >2, Add	*1.43*	
		For Structural Tees, WT, MT Or ST, Deduct	*-58.37*	
		For Skewed Or Sloped Connections, Add	*22.17*	
05 12 23 00-0287	LF	W14 x 68 A992/A36 Structural Beam Or Girder	174.00	38.94
		For Hot Dip Galvanizing, Add	*36.76*	
		For High Strength Low Alloy A572-50 Steel, Add	*15.66*	
		For High Strength Low Alloy A588 Steel, Add	*34.80*	
		For Each Additional Top Copes >2, Add	*1.32*	
		For Structural Tees, WT, MT Or ST, Deduct	*-54.67*	
		For Skewed Or Sloped Connections, Add	*20.88*	
05 12 23 00-0288	LF	W14 x 61 A992/A36 Structural Beam Or Girder	161.47	38.51
		For Hot Dip Galvanizing, Add	*33.41*	
		For High Strength Low Alloy A572-50 Steel, Add	*14.53*	
		For High Strength Low Alloy A588 Steel, Add	*32.29*	
		For Each Additional Top Copes >2, Add	*1.20*	
		For Structural Tees, WT, MT Or ST, Deduct	*-50.35*	
		For Skewed Or Sloped Connections, Add	*19.38*	
05 12 23 00-0289	LF	W14 x 53 A992/A36 Structural Beam Or Girder	147.21	37.93
		For Hot Dip Galvanizing, Add	*29.61*	
		For High Strength Low Alloy A572-50 Steel, Add	*13.25*	
		For High Strength Low Alloy A588 Steel, Add	*29.44*	
		For Each Additional Top Copes >2, Add	*1.07*	
		For Structural Tees, WT, MT Or ST, Deduct	*-45.45*	
		For Skewed Or Sloped Connections, Add	*17.67*	
05 12 23 00-0290	LF	W14 x 48 A992/A36 Structural Beam Or Girder	138.05	37.49
		For Hot Dip Galvanizing, Add	*27.19*	
		For High Strength Low Alloy A572-50 Steel, Add	*12.42*	
		For High Strength Low Alloy A588 Steel, Add	*27.61*	
		For Each Additional Top Copes >2, Add	*0.98*	
		For Structural Tees, WT, MT Or ST, Deduct	*-42.31*	
		For Skewed Or Sloped Connections, Add	*16.57*	
05 12 23 00-0291	LF	W14 x 43 A992/A36 Structural Beam Or Girder	129.04	37.35
		For Hot Dip Galvanizing, Add	*24.76*	
		For High Strength Low Alloy A572-50 Steel, Add	*11.61*	
		For High Strength Low Alloy A588 Steel, Add	*25.81*	
		For Each Additional Top Copes >2, Add	*0.89*	
		For Structural Tees, WT, MT Or ST, Deduct	*-39.19*	
		For Skewed Or Sloped Connections, Add	*15.48*	
05 12 23 00-0292	LF	W14 x 38 A992/A36 Structural Beam Or Girder	120.09	37.06
		For Hot Dip Galvanizing, Add	*22.40*	
		For High Strength Low Alloy A572-50 Steel, Add	*10.81*	
		For High Strength Low Alloy A588 Steel, Add	*24.02*	
		For Each Additional Top Copes >2, Add	*0.81*	
		For Structural Tees, WT, MT Or ST, Deduct	*-36.13*	
		For Skewed Or Sloped Connections, Add	*14.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0293	LF	W14 x 34 A992/A36 Structural Beam Or Girder	112.86	36.63
		For Hot Dip Galvanizing, Add	*20.47*	
		For High Strength Low Alloy A572-50 Steel, Add	*10.16*	
		For High Strength Low Alloy A588 Steel, Add	*22.57*	
		For Each Additional Top Copes >2, Add	*0.74*	
		For Structural Tees, WT, MT Or ST, Deduct	*-33.64*	
		For Skewed Or Sloped Connections, Add	*13.54*	
05 12 23 00-0294	LF	W14 x 30 A992/A36 Structural Beam Or Girder	105.62	36.49
		For Hot Dip Galvanizing, Add	*18.55*	
		For High Strength Low Alloy A572-50 Steel, Add	*9.51*	
		For High Strength Low Alloy A588 Steel, Add	*21.12*	
		For Each Additional Top Copes >2, Add	*0.67*	
		For Structural Tees, WT, MT Or ST, Deduct	*-31.15*	
		For Skewed Or Sloped Connections, Add	*12.67*	
05 12 23 00-0295	LF	W14 x 26 A992/A36 Structural Beam Or Girder	98.40	36.06
		For Hot Dip Galvanizing, Add	*16.62*	
		For High Strength Low Alloy A572-50 Steel, Add	*8.86*	
		For High Strength Low Alloy A588 Steel, Add	*19.68*	
		For Each Additional Top Copes >2, Add	*0.60*	
		For Structural Tees, WT, MT Or ST, Deduct	*-28.66*	
		For Skewed Or Sloped Connections, Add	*11.81*	
05 12 23 00-0296	LF	W14 x 22 A992/A36 Structural Beam Or Girder	91.37	35.92
		For Hot Dip Galvanizing, Add	*14.75*	
		For High Strength Low Alloy A572-50 Steel, Add	*8.22*	
		For High Strength Low Alloy A588 Steel, Add	*18.27*	
		For Each Additional Top Copes >2, Add	*0.53*	
		For Structural Tees, WT, MT Or ST, Deduct	*-26.25*	
		For Skewed Or Sloped Connections, Add	*10.96*	
05 12 23 00-0297	LF	W12 x 87 A992/A36 Structural Beam Or Girder	208.36	40.23
		For Hot Dip Galvanizing, Add	*45.90*	
		For High Strength Low Alloy A572-50 Steel, Add	*18.75*	
		For High Strength Low Alloy A588 Steel, Add	*41.67*	
		For Each Additional Top Copes >2, Add	*1.65*	
		For Structural Tees, WT, MT Or ST, Deduct	*-66.48*	
		For Skewed Or Sloped Connections, Add	*25.00*	
05 12 23 00-0298	LF	W12 x 79 A992/A36 Structural Beam Or Girder	193.91	39.65
		For Hot Dip Galvanizing, Add	*42.05*	
		For High Strength Low Alloy A572-50 Steel, Add	*17.45*	
		For High Strength Low Alloy A588 Steel, Add	*38.78*	
		For Each Additional Top Copes >2, Add	*1.52*	
		For Structural Tees, WT, MT Or ST, Deduct	*-61.51*	
		For Skewed Or Sloped Connections, Add	*23.27*	
05 12 23 00-0299	LF	W12 x 72 A992/A36 Structural Beam Or Girder	181.22	39.22
		For Hot Dip Galvanizing, Add	*38.69*	
		For High Strength Low Alloy A572-50 Steel, Add	*16.31*	
		For High Strength Low Alloy A588 Steel, Add	*36.24*	
		For Each Additional Top Copes >2, Add	*1.39*	
		For Structural Tees, WT, MT Or ST, Deduct	*-57.16*	
		For Skewed Or Sloped Connections, Add	*21.75*	
05 12 23 00-0300	LF	W12 x 65 A992/A36 Structural Beam Or Girder	168.69	38.79
		For Hot Dip Galvanizing, Add	*35.33*	
		For High Strength Low Alloy A572-50 Steel, Add	*15.18*	
		For High Strength Low Alloy A588 Steel, Add	*33.74*	
		For Each Additional Top Copes >2, Add	*1.27*	
		For Structural Tees, WT, MT Or ST, Deduct	*-52.84*	
		For Skewed Or Sloped Connections, Add	*20.24*	
05 12 23 00-0301	LF	W12 x 58 A992/A36 Structural Beam Or Girder	156.02	38.22
		For Hot Dip Galvanizing, Add	*31.97*	
		For High Strength Low Alloy A572-50 Steel, Add	*14.04*	
		For High Strength Low Alloy A588 Steel, Add	*31.20*	
		For Each Additional Top Copes >2, Add	*1.15*	
		For Structural Tees, WT, MT Or ST, Deduct	*-48.49*	
		For Skewed Or Sloped Connections, Add	*18.72*	
05 12 23 00-0302	LF	W12 x 53 A992/A36 Structural Beam Or Girder	147.21	37.93
		For Hot Dip Galvanizing, Add	*29.61*	
		For High Strength Low Alloy A572-50 Steel, Add	*13.25*	
		For High Strength Low Alloy A588 Steel, Add	*29.44*	
		For Each Additional Top Copes >2, Add	*1.07*	
		For Structural Tees, WT, MT Or ST, Deduct	*-45.45*	
		For Skewed Or Sloped Connections, Add	*17.67*	
05 12 23 00-0303	LF	W12 x 50 A992/A36 Structural Beam Or Girder	141.57	37.79
		For Hot Dip Galvanizing, Add	*28.12*	
		For High Strength Low Alloy A572-50 Steel, Add	*12.74*	
		For High Strength Low Alloy A588 Steel, Add	*28.31*	
		For Each Additional Top Copes >2, Add	*1.01*	
		For Structural Tees, WT, MT Or ST, Deduct	*-43.52*	
		For Skewed Or Sloped Connections, Add	*16.99*	
05 12 23 00-0304	LF	W12 x 45 A992/A36 Structural Beam Or Girder	132.75	37.49
		For Hot Dip Galvanizing, Add	*25.75*	
		For High Strength Low Alloy A572-50 Steel, Add	*11.95*	
		For High Strength Low Alloy A588 Steel, Add	*26.55*	
		For Each Additional Top Copes >2, Add	*0.93*	
		For Structural Tees, WT, MT Or ST, Deduct	*-40.47*	
		For Skewed Or Sloped Connections, Add	*15.93*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0305	LF	W12 x 40 A992/A36 Structural Beam Or Girder	113.83	27.87
		For Hot Dip Galvanizing, Add	*23.33*	
		For High Strength Low Alloy A572-50 Steel, Add	*10.24*	
		For High Strength Low Alloy A588 Steel, Add	*22.77*	
		For Each Additional Top Copes >2, Add	*0.84*	
		For Structural Tees, WT, MT Or ST, Deduct	*-35.38*	
		For Skewed Or Sloped Connections, Add	*13.66*	
05 12 23 00-0306	LF	W12 x 35 A992/A36 Structural Beam Or Girder	105.02	27.73
		For Hot Dip Galvanizing, Add	*20.97*	
		For High Strength Low Alloy A572-50 Steel, Add	*9.45*	
		For High Strength Low Alloy A588 Steel, Add	*21.00*	
		For Each Additional Top Copes >2, Add	*0.76*	
		For Structural Tees, WT, MT Or ST, Deduct	*-32.34*	
		For Skewed Or Sloped Connections, Add	*12.60*	
05 12 23 00-0307	LF	W12 x 30 A992/A36 Structural Beam Or Girder	95.86	27.30
		For Hot Dip Galvanizing, Add	*18.55*	
		For High Strength Low Alloy A572-50 Steel, Add	*8.63*	
		For High Strength Low Alloy A588 Steel, Add	*19.17*	
		For Each Additional Top Copes >2, Add	*0.67*	
		For Structural Tees, WT, MT Or ST, Deduct	*-29.20*	
		For Skewed Or Sloped Connections, Add	*11.50*	
05 12 23 00-0308	LF	W12 x 26 A992/A36 Structural Beam Or Girder	88.62	27.01
		For Hot Dip Galvanizing, Add	*16.62*	
		For High Strength Low Alloy A572-50 Steel, Add	*7.98*	
		For High Strength Low Alloy A588 Steel, Add	*17.72*	
		For Each Additional Top Copes >2, Add	*0.60*	
		For Structural Tees, WT, MT Or ST, Deduct	*-26.71*	
		For Skewed Or Sloped Connections, Add	*10.63*	
05 12 23 00-0309	LF	W12 x 22 A992/A36 Structural Beam Or Girder	81.59	26.72
		For Hot Dip Galvanizing, Add	*14.75*	
		For High Strength Low Alloy A572-50 Steel, Add	*7.34*	
		For High Strength Low Alloy A588 Steel, Add	*16.32*	
		For Each Additional Top Copes >2, Add	*0.53*	
		For Structural Tees, WT, MT Or ST, Deduct	*-24.29*	
		For Skewed Or Sloped Connections, Add	*9.79*	
05 12 23 00-0310	LF	W12 x 19 A992/A36 Structural Beam Or Girder	76.10	26.58
		For Hot Dip Galvanizing, Add	*13.26*	
		For High Strength Low Alloy A572-50 Steel, Add	*6.85*	
		For High Strength Low Alloy A588 Steel, Add	*15.22*	
		For Each Additional Top Copes >2, Add	*0.48*	
		For Structural Tees, WT, MT Or ST, Deduct	*-22.39*	
		For Skewed Or Sloped Connections, Add	*9.13*	
05 12 23 00-0311	LF	W12 x 16 A992/A36 Structural Beam Or Girder	70.65	26.15
		For Hot Dip Galvanizing, Add	*11.83*	
		For High Strength Low Alloy A572-50 Steel, Add	*6.36*	
		For High Strength Low Alloy A588 Steel, Add	*14.13*	
		For Each Additional Top Copes >2, Add	*0.43*	
		For Structural Tees, WT, MT Or ST, Deduct	*-20.53*	
		For Skewed Or Sloped Connections, Add	*8.48*	
05 12 23 00-0312	LF	W12 x 14 A992/A36 Structural Beam Or Girder	67.14	26.15
		For Hot Dip Galvanizing, Add	*10.90*	
		For High Strength Low Alloy A572-50 Steel, Add	*6.04*	
		For High Strength Low Alloy A588 Steel, Add	*13.43*	
		For Each Additional Top Copes >2, Add	*0.39*	
		For Structural Tees, WT, MT Or ST, Deduct	*-19.32*	
		For Skewed Or Sloped Connections, Add	*8.06*	
05 12 23 00-0313	LF	W10 x 68 A992/A36 Structural Beam Or Girder	164.77	30.03
		For Hot Dip Galvanizing, Add	*36.87*	
		For High Strength Low Alloy A572-50 Steel, Add	*14.83*	
		For High Strength Low Alloy A588 Steel, Add	*32.95*	
		For Each Additional Top Copes >2, Add	*1.33*	
		For Structural Tees, WT, MT Or ST, Deduct	*-52.89*	
		For Skewed Or Sloped Connections, Add	*19.77*	
05 12 23 00-0314	LF	W10 x 60 A992/A36 Structural Beam Or Girder	150.51	29.46
		For Hot Dip Galvanizing, Add	*33.08*	
		For High Strength Low Alloy A572-50 Steel, Add	*13.55*	
		For High Strength Low Alloy A588 Steel, Add	*30.10*	
		For Each Additional Top Copes >2, Add	*1.19*	
		For Structural Tees, WT, MT Or ST, Deduct	*-47.98*	
		For Skewed Or Sloped Connections, Add	*18.06*	
05 12 23 00-0315	LF	W10 x 54 A992/A36 Structural Beam Or Girder	139.57	28.88
		For Hot Dip Galvanizing, Add	*30.16*	
		For High Strength Low Alloy A572-50 Steel, Add	*12.56*	
		For High Strength Low Alloy A588 Steel, Add	*27.91*	
		For Each Additional Top Copes >2, Add	*1.09*	
		For Structural Tees, WT, MT Or ST, Deduct	*-44.22*	
		For Skewed Or Sloped Connections, Add	*16.75*	
05 12 23 00-0316	LF	W10 x 49 A992/A36 Structural Beam Or Girder	130.61	28.59
		For Hot Dip Galvanizing, Add	*27.79*	
		For High Strength Low Alloy A572-50 Steel, Add	*11.75*	
		For High Strength Low Alloy A588 Steel, Add	*26.12*	
		For Each Additional Top Copes >2, Add	*1.00*	
		For Structural Tees, WT, MT Or ST, Deduct	*-41.14*	
		For Skewed Or Sloped Connections, Add	*15.67*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0317	LF	W10 x 45 A992/A36 Structural Beam Or Girder	123.38	28.44
		For Hot Dip Galvanizing, Add	*25.87*	
		For High Strength Low Alloy A572-50 Steel, Add	*11.10*	
		For High Strength Low Alloy A588 Steel, Add	*24.68*	
		For Each Additional Top Copes >2, Add	*0.93*	
		For Structural Tees, WT, MT Or ST, Deduct	*-38.66*	
		For Skewed Or Sloped Connections, Add	*14.81*	
05 12 23 00-0318	LF	W10 x 39 A992/A36 Structural Beam Or Girder	112.64	27.87
		For Hot Dip Galvanizing, Add	*23.00*	
		For High Strength Low Alloy A572-50 Steel, Add	*10.14*	
		For High Strength Low Alloy A588 Steel, Add	*22.53*	
		For Each Additional Top Copes >2, Add	*0.83*	
		For Structural Tees, WT, MT Or ST, Deduct	*-34.96*	
		For Skewed Or Sloped Connections, Add	*13.52*	
05 12 23 00-0319	LF	W10 x 33 A992/A36 Structural Beam Or Girder	101.90	27.44
		For Hot Dip Galvanizing, Add	*20.14*	
		For High Strength Low Alloy A572-50 Steel, Add	*9.17*	
		For High Strength Low Alloy A588 Steel, Add	*20.38*	
		For Each Additional Top Copes >2, Add	*0.73*	
		For Structural Tees, WT, MT Or ST, Deduct	*-31.27*	
		For Skewed Or Sloped Connections, Add	*12.23*	
05 12 23 00-0320	LF	W10 x 30 A992/A36 Structural Beam Or Girder	96.40	27.30
		For Hot Dip Galvanizing, Add	*18.66*	
		For High Strength Low Alloy A572-50 Steel, Add	*8.68*	
		For High Strength Low Alloy A588 Steel, Add	*19.28*	
		For Each Additional Top Copes >2, Add	*0.67*	
		For Structural Tees, WT, MT Or ST, Deduct	*-29.36*	
		For Skewed Or Sloped Connections, Add	*11.57*	
05 12 23 00-0321	LF	W10 x 26 A992/A36 Structural Beam Or Girder	89.37	27.15
		For Hot Dip Galvanizing, Add	*16.79*	
		For High Strength Low Alloy A572-50 Steel, Add	*8.04*	
		For High Strength Low Alloy A588 Steel, Add	*17.87*	
		For Each Additional Top Copes >2, Add	*0.60*	
		For Structural Tees, WT, MT Or ST, Deduct	*-26.95*	
		For Skewed Or Sloped Connections, Add	*10.72*	
05 12 23 00-0322	LF	W10 x 22 A992/A36 Structural Beam Or Girder	81.99	26.72
		For Hot Dip Galvanizing, Add	*14.86*	
		For High Strength Low Alloy A572-50 Steel, Add	*7.38*	
		For High Strength Low Alloy A588 Steel, Add	*16.40*	
		For Each Additional Top Copes >2, Add	*0.54*	
		For Structural Tees, WT, MT Or ST, Deduct	*-24.43*	
		For Skewed Or Sloped Connections, Add	*9.84*	
05 12 23 00-0323	LF	W10 x 19 A992/A36 Structural Beam Or Girder	76.69	26.58
		For Hot Dip Galvanizing, Add	*13.43*	
		For High Strength Low Alloy A572-50 Steel, Add	*6.90*	
		For High Strength Low Alloy A588 Steel, Add	*15.34*	
		For Each Additional Top Copes >2, Add	*0.48*	
		For Structural Tees, WT, MT Or ST, Deduct	*-22.60*	
		For Skewed Or Sloped Connections, Add	*9.20*	
05 12 23 00-0324	LF	W10 x 17 A992/A36 Structural Beam Or Girder	72.98	26.44
		For Hot Dip Galvanizing, Add	*12.44*	
		For High Strength Low Alloy A572-50 Steel, Add	*6.57*	
		For High Strength Low Alloy A588 Steel, Add	*14.60*	
		For Each Additional Top Copes >2, Add	*0.45*	
		For Structural Tees, WT, MT Or ST, Deduct	*-21.32*	
		For Skewed Or Sloped Connections, Add	*8.76*	
05 12 23 00-0325	LF	W10 x 15 A992/A36 Structural Beam Or Girder	69.46	26.15
		For Hot Dip Galvanizing, Add	*11.50*	
		For High Strength Low Alloy A572-50 Steel, Add	*6.25*	
		For High Strength Low Alloy A588 Steel, Add	*13.89*	
		For Each Additional Top Copes >2, Add	*0.41*	
		For Structural Tees, WT, MT Or ST, Deduct	*-20.11*	
		For Skewed Or Sloped Connections, Add	*8.34*	
05 12 23 00-0326	LF	W10 x 12 A992/A36 Structural Beam Or Girder	64.16	26.15
		For Hot Dip Galvanizing, Add	*10.07*	
		For High Strength Low Alloy A572-50 Steel, Add	*5.77*	
		For High Strength Low Alloy A588 Steel, Add	*12.83*	
		For Each Additional Top Copes >2, Add	*0.36*	
		For Structural Tees, WT, MT Or ST, Deduct	*-18.28*	
		For Skewed Or Sloped Connections, Add	*7.70*	
05 12 23 00-0327	LF	W8 x 35 A992/A36 Structural Beam Or Girder	105.42	27.73
		For Hot Dip Galvanizing, Add	*21.08*	
		For High Strength Low Alloy A572-50 Steel, Add	*9.49*	
		For High Strength Low Alloy A588 Steel, Add	*21.08*	
		For Each Additional Top Copes >2, Add	*0.76*	
		For Structural Tees, WT, MT Or ST, Deduct	*-32.48*	
		For Skewed Or Sloped Connections, Add	*12.65*	
05 12 23 00-0328	LF	W8 x 31 A992/A36 Structural Beam Or Girder	98.19	27.30
		For Hot Dip Galvanizing, Add	*19.15*	
		For High Strength Low Alloy A572-50 Steel, Add	*8.84*	
		For High Strength Low Alloy A588 Steel, Add	*19.64*	
		For Each Additional Top Copes >2, Add	*0.69*	
		For Structural Tees, WT, MT Or ST, Deduct	*-29.99*	
		For Skewed Or Sloped Connections, Add	*11.78*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0329	LF	W8 x 28 A992/A36 Structural Beam Or Girder	103.74	25.72
		For Hot Dip Galvanizing, Add	*21.17*	
		For High Strength Low Alloy A572-50 Steel, Add	*9.34*	
		For High Strength Low Alloy A588 Steel, Add	*20.75*	
		For Each Additional Top Copes >2, Add	*0.76*	
		For Structural Tees, WT, MT Or ST, Deduct	*-32.19*	
		For Skewed Or Sloped Connections, Add	*12.45*	
05 12 23 00-0330	LF	W8 x 24 A992/A36 Structural Beam Or Girder	94.47	24.13
		For Hot Dip Galvanizing, Add	*19.08*	
		For High Strength Low Alloy A572-50 Steel, Add	*8.50*	
		For High Strength Low Alloy A588 Steel, Add	*18.89*	
		For Each Additional Top Copes >2, Add	*0.69*	
		For Structural Tees, WT, MT Or ST, Deduct	*-29.21*	
		For Skewed Or Sloped Connections, Add	*11.34*	
05 12 23 00-0331	LF	W8 x 21 A992/A36 Structural Beam Or Girder	87.89	22.41
		For Hot Dip Galvanizing, Add	*17.73*	
		For High Strength Low Alloy A572-50 Steel, Add	*7.91*	
		For High Strength Low Alloy A588 Steel, Add	*17.58*	
		For Each Additional Top Copes >2, Add	*0.64*	
		For Structural Tees, WT, MT Or ST, Deduct	*-27.16*	
		For Skewed Or Sloped Connections, Add	*10.55*	
05 12 23 00-0332	LF	W8 x 18 A992/A36 Structural Beam Or Girder	76.68	20.84
		For Hot Dip Galvanizing, Add	*15.10*	
		For High Strength Low Alloy A572-50 Steel, Add	*6.90*	
		For High Strength Low Alloy A588 Steel, Add	*15.34*	
		For Each Additional Top Copes >2, Add	*0.54*	
		For Structural Tees, WT, MT Or ST, Deduct	*-23.50*	
		For Skewed Or Sloped Connections, Add	*9.20*	
05 12 23 00-0333	LF	W8 x 10 A992/A36 Structural Beam Or Girder	40.12	14.94
		For Hot Dip Galvanizing, Add	*6.75*	
		For High Strength Low Alloy A572-50 Steel, Add	*3.61*	
		For High Strength Low Alloy A588 Steel, Add	*8.02*	
		For Each Additional Top Copes >2, Add	*0.24*	
		For Structural Tees, WT, MT Or ST, Deduct	*-11.67*	
		For Skewed Or Sloped Connections, Add	*4.81*	
05 12 23 00-0334	LF	W6 x 9 A992/A36 Structural Beam Or Girder	36.93	12.21
		For Hot Dip Galvanizing, Add	*6.66*	
		For High Strength Low Alloy A572-50 Steel, Add	*3.32*	
		For High Strength Low Alloy A588 Steel, Add	*7.39*	
		For Each Additional Top Copes >2, Add	*0.24*	
		For Structural Tees, WT, MT Or ST, Deduct	*-10.99*	
		For Skewed Or Sloped Connections, Add	*4.43*	

05 12 23 00-0335 A992/A36 Structural Steel, M Shapes *(05 12 23 00-0117)*

Note: Includes material delivery and erection.

05 12 23 00-0336	LF	M14 x 18 A992/A36 Structural Steel	71.79	20.50
		For Hot Dip Galvanizing, Add	*13.86*	
		For High Strength Low Alloy A572-50 Steel, Add	*6.46*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*14.36*	
05 12 23 00-0337	LF	M12 x 11.8 A992/A36 Structural Steel	52.07	18.13
		For Hot Dip Galvanizing, Add	*9.09*	
		For High Strength Low Alloy A572-50 Steel, Add	*4.69*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*10.41*	
05 12 23 00-0338	LF	M10 x 9 A992/A36 Structural Steel	40.48	14.56
		For Hot Dip Galvanizing, Add	*6.93*	
		For High Strength Low Alloy A572-50 Steel, Add	*3.64*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*8.10*	
05 12 23 00-0339	LF	M8 x 6.5 A992/A36 Structural Steel	29.25	10.51
		For Hot Dip Galvanizing, Add	*5.01*	
		For High Strength Low Alloy A572-50 Steel, Add	*2.63*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*5.85*	
05 12 23 00-0340	LF	M6 x 20 A992/A36 Structural Steel	79.91	23.13
		For Hot Dip Galvanizing, Add	*15.40*	
		For High Strength Low Alloy A572-50 Steel, Add	*7.19*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*15.98*	
05 12 23 00-0341	LF	M6 x 4.4 A992/A36 Structural Steel	19.78	7.11
		For Hot Dip Galvanizing, Add	*3.38*	
		For High Strength Low Alloy A572-50 Steel, Add	*1.78*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*3.96*	
05 12 23 00-0342	LF	M5 x 18.9 A992/A36 Structural Steel	77.07	23.13
		For Hot Dip Galvanizing, Add	*14.53*	
		For High Strength Low Alloy A572-50 Steel, Add	*6.94*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*15.41*	
05 12 23 00-0343	LF	M4 x 13 A992/A36 Structural Steel	63.60	22.70
		For Hot Dip Galvanizing, Add	*10.95*	
		For High Strength Low Alloy A572-50 Steel, Add	*5.72*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*12.72*	

05 12 23 00-0344 A992/A36 Structural Steel, S Shapes *(05 12 23 00-0117)*

Note: Includes material delivery and erection.

05 12 23 00-0345	LF	S24 x 121 A992/A36 Structural Steel	428.72	103.84
		For Hot Dip Galvanizing, Add	*88.25*	
		For High Strength Low Alloy A572-50 Steel, Add	*38.58*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*85.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0346	LF	S24 x 106 A992/A36 Structural Steel	380.69	95.76
		For Hot Dip Galvanizing, Add	*77.31*	
		For High Strength Low Alloy A572-50 Steel, Add	*34.26*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*76.14*	
05 12 23 00-0347	LF	S24 x 100 A992/A36 Structural Steel	364.20	95.08
		For Hot Dip Galvanizing, Add	*72.93*	
		For High Strength Low Alloy A572-50 Steel, Add	*32.78*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*72.84*	
05 12 23 00-0348	LF	S24 x 90 A992/A36 Structural Steel	332.59	90.08
		For Hot Dip Galvanizing, Add	*65.64*	
		For High Strength Low Alloy A572-50 Steel, Add	*29.93*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*66.52*	
05 12 23 00-0349	LF	S24 x 80 A992/A36 Structural Steel	300.12	84.30
		For Hot Dip Galvanizing, Add	*58.35*	
		For High Strength Low Alloy A572-50 Steel, Add	*27.01*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*60.02*	
05 12 23 00-0350	LF	S20 x 96 A992/A36 Structural Steel	349.64	91.29
		For Hot Dip Galvanizing, Add	*70.02*	
		For High Strength Low Alloy A572-50 Steel, Add	*31.47*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*69.93*	
05 12 23 00-0351	LF	S20 x 86 A992/A36 Structural Steel	317.80	86.08
		For Hot Dip Galvanizing, Add	*62.72*	
		For High Strength Low Alloy A572-50 Steel, Add	*28.60*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*63.56*	
05 12 23 00-0352	LF	S20 x 75 A992/A36 Structural Steel	281.35	79.03
		For Hot Dip Galvanizing, Add	*54.70*	
		For High Strength Low Alloy A572-50 Steel, Add	*25.32*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*56.27*	
05 12 23 00-0353	LF	S20 x 66 A992/A36 Structural Steel	251.50	73.20
		For Hot Dip Galvanizing, Add	*48.14*	
		For High Strength Low Alloy A572-50 Steel, Add	*22.64*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*50.30*	
05 12 23 00-0354	LF	S18 x 70 A992/A36 Structural Steel	266.75	77.64
		For Hot Dip Galvanizing, Add	*51.05*	
		For High Strength Low Alloy A572-50 Steel, Add	*24.01*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*53.35*	
05 12 23 00-0355	LF	S18 x 54.7 A992/A36 Structural Steel	211.85	63.85
		For Hot Dip Galvanizing, Add	*39.89*	
		For High Strength Low Alloy A572-50 Steel, Add	*19.07*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*42.37*	
05 12 23 00-0356	LF	S15 x 50 A992/A36 Structural Steel	196.92	61.44
		For Hot Dip Galvanizing, Add	*36.47*	
		For High Strength Low Alloy A572-50 Steel, Add	*17.72*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*39.38*	
05 12 23 00-0357	LF	S15 x 42.9 A992/A36 Structural Steel	171.92	55.49
		For Hot Dip Galvanizing, Add	*31.29*	
		For High Strength Low Alloy A572-50 Steel, Add	*15.47*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*34.38*	
05 12 23 00-0358	LF	S12 x 50 A992/A36 Structural Steel	193.65	58.37
		For Hot Dip Galvanizing, Add	*36.47*	
		For High Strength Low Alloy A572-50 Steel, Add	*17.43*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*38.73*	
05 12 23 00-0359	LF	S12 x 40.8 A992/A36 Structural Steel	160.68	50.14
		For Hot Dip Galvanizing, Add	*29.76*	
		For High Strength Low Alloy A572-50 Steel, Add	*14.46*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*32.14*	
05 12 23 00-0360	LF	S12 x 35 A992/A36 Structural Steel	140.25	45.27
		For Hot Dip Galvanizing, Add	*25.53*	
		For High Strength Low Alloy A572-50 Steel, Add	*12.62*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*28.05*	
05 12 23 00-0361	LF	S12 x 31.8 A992/A36 Structural Steel	129.75	43.30
		For Hot Dip Galvanizing, Add	*23.19*	
		For High Strength Low Alloy A572-50 Steel, Add	*11.68*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*25.95*	
05 12 23 00-0362	LF	S10 x 35 A992/A36 Structural Steel	142.81	47.67
		For Hot Dip Galvanizing, Add	*25.53*	
		For High Strength Low Alloy A572-50 Steel, Add	*12.85*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*28.56*	
05 12 23 00-0363	LF	S10 x 25.4 A992/A36 Structural Steel	105.58	36.41
		For Hot Dip Galvanizing, Add	*18.53*	
		For High Strength Low Alloy A572-50 Steel, Add	*9.50*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*21.12*	
05 12 23 00-0364	LF	S8 x 23 A992/A36 Structural Steel	95.60	32.96
		For Hot Dip Galvanizing, Add	*16.77*	
		For High Strength Low Alloy A572-50 Steel, Add	*8.60*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*19.12*	
05 12 23 00-0365	LF	S8 x 18.4 A992/A36 Structural Steel	77.96	27.76
		For Hot Dip Galvanizing, Add	*13.42*	
		For High Strength Low Alloy A572-50 Steel, Add	*7.02*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*15.59*	
05 12 23 00-0366	LF	S7 x 20 A992/A36 Structural Steel	84.73	30.17
		For Hot Dip Galvanizing, Add	*14.59*	
		For High Strength Low Alloy A572-50 Steel, Add	*7.63*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*16.95*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0367	LF	S7 x 15.3 A992/A36 Structural Steel	66.12	24.31
		For Hot Dip Galvanizing, Add	*11.16*	
		For High Strength Low Alloy A572-50 Steel, Add	*5.95*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*13.22*	
05 12 23 00-0368	LF	S6 x 17.25 A992/A36 Structural Steel	71.21	24.26
		For Hot Dip Galvanizing, Add	*12.58*	
		For High Strength Low Alloy A572-50 Steel, Add	*6.41*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*14.24*	
05 12 23 00-0369	LF	S6 x 12.5 A992/A36 Structural Steel	61.17	22.41
		For Hot Dip Galvanizing, Add	*10.32*	
		For High Strength Low Alloy A572-50 Steel, Add	*5.51*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*12.23*	
05 12 23 00-0370	LF	S5 x 14.75 A992/A36 Structural Steel	65.06	22.84
		For Hot Dip Galvanizing, Add	*11.31*	
		For High Strength Low Alloy A572-50 Steel, Add	*5.86*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*13.01*	
05 12 23 00-0371	LF	S5 x 10 A992/A36 Structural Steel	55.49	22.27
		For Hot Dip Galvanizing, Add	*8.78*	
		For High Strength Low Alloy A572-50 Steel, Add	*4.99*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*11.10*	
05 12 23 00-0372	LF	S4 x 9.5 A992/A36 Structural Steel	54.02	22.27
		For Hot Dip Galvanizing, Add	*8.37*	
		For High Strength Low Alloy A572-50 Steel, Add	*4.86*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*10.80*	
05 12 23 00-0373	LF	S4 x 7.7 A992/A36 Structural Steel	50.61	22.27
		For Hot Dip Galvanizing, Add	*7.47*	
		For High Strength Low Alloy A572-50 Steel, Add	*4.55*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*10.12*	
05 12 23 00-0374	LF	S3 x 7.5 A992/A36 Structural Steel	50.28	22.27
		For Hot Dip Galvanizing, Add	*7.38*	
		For High Strength Low Alloy A572-50 Steel, Add	*4.53*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*10.06*	
05 12 23 00-0375	LF	S3 x 5.7 A992/A36 Structural Steel	46.23	22.13
		For Hot Dip Galvanizing, Add	*6.29*	
		For High Strength Low Alloy A572-50 Steel, Add	*4.16*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*9.25*	

05 12 23 00-0376 A992/A36 Structural Steel, HP Shapes *(05 12 23 00-0117)*

Note: Includes material delivery and erection.

05 12 23 00-0377	LF	HP14 x 117 A992/A36 Structural Steel	258.66	30.77
		For Hot Dip Galvanizing, Add	*62.68*	
		For High Strength Low Alloy A572-50 Steel, Add	*23.28*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*51.73*	
05 12 23 00-0378	LF	HP14 x 102 A992/A36 Structural Steel	226.60	28.63
		For Hot Dip Galvanizing, Add	*54.42*	
		For High Strength Low Alloy A572-50 Steel, Add	*20.39*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*45.32*	
05 12 23 00-0379	LF	HP14 x 89 A992/A36 Structural Steel	202.12	26.85
		For Hot Dip Galvanizing, Add	*48.14*	
		For High Strength Low Alloy A572-50 Steel, Add	*18.19*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*40.42*	
05 12 23 00-0380	LF	HP14 x 73 A992/A36 Structural Steel	167.83	25.30
		For Hot Dip Galvanizing, Add	*39.09*	
		For High Strength Low Alloy A572-50 Steel, Add	*15.10*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*33.57*	
05 12 23 00-0381	LF	HP13 x 100 A992/A36 Structural Steel	222.17	28.07
		For Hot Dip Galvanizing, Add	*53.35*	
		For High Strength Low Alloy A572-50 Steel, Add	*20.00*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*44.43*	
05 12 23 00-0382	LF	HP13 x 87 A992/A36 Structural Steel	197.58	26.26
		For Hot Dip Galvanizing, Add	*47.06*	
		For High Strength Low Alloy A572-50 Steel, Add	*17.78*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*39.52*	
05 12 23 00-0383	LF	HP13 x 73 A992/A36 Structural Steel	167.83	25.30
		For Hot Dip Galvanizing, Add	*39.09*	
		For High Strength Low Alloy A572-50 Steel, Add	*15.10*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*33.57*	
05 12 23 00-0384	LF	HP13 x 60 A992/A36 Structural Steel	142.67	24.26
		For Hot Dip Galvanizing, Add	*32.41*	
		For High Strength Low Alloy A572-50 Steel, Add	*12.84*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*28.53*	
05 12 23 00-0385	LF	HP12 x 84 A992/A36 Structural Steel	186.87	27.68
		For Hot Dip Galvanizing, Add	*43.67*	
		For High Strength Low Alloy A572-50 Steel, Add	*16.82*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*37.37*	
05 12 23 00-0386	LF	HP12 x 74 A992/A36 Structural Steel	165.37	26.11
		For Hot Dip Galvanizing, Add	*38.17*	
		For High Strength Low Alloy A572-50 Steel, Add	*14.88*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*33.07*	
05 12 23 00-0387	LF	HP12 x 63 A992/A36 Structural Steel	142.61	24.01
		For Hot Dip Galvanizing, Add	*32.47*	
		For High Strength Low Alloy A572-50 Steel, Add	*12.83*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*28.52*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0388	LF	HP12 x 53 A992/A36 Structural Steel	130.90	22.83
		For Hot Dip Galvanizing, Add	*29.57*	
		For High Strength Low Alloy A572-50 Steel, Add	*11.78*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*26.18*	
05 12 23 00-0389	LF	HP10 x 57 A992/A36 Structural Steel	137.79	23.42
		For Hot Dip Galvanizing, Add	*31.31*	
		For High Strength Low Alloy A572-50 Steel, Add	*12.40*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*27.56*	
05 12 23 00-0390	LF	HP10 x 42 A992/A36 Structural Steel	113.99	21.96
		For Hot Dip Galvanizing, Add	*25.14*	
		For High Strength Low Alloy A572-50 Steel, Add	*10.26*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*22.80*	
05 12 23 00-0391	LF	HP8 x 36 A992/A36 Structural Steel	99.37	20.70
		For Hot Dip Galvanizing, Add	*21.45*	
		For High Strength Low Alloy A572-50 Steel, Add	*8.94*	
		For High Strength Low Alloy A588 Grade B Steel, Add	*19.87*	

05 12 23 00-0392 Lightweight Framing Steel Shapes *(05 12 23)*

Note: Includes cutting to length. Excludes fasteners or welds. When used with structural steel shapes by TON, connecting bolts or welds are considered included with structural steel tasks by TON.

05 12 23 00-0393 Angle Iron - L *(05 12 23 00-0392)*

05 12 23 00-0394 1/8" Thick *(05 12 23 00-0393)*

05 12 23 00-0395	LF	1/2" x 1/2" x 1/8" Thick, Plain Steel Angle Iron	3.36	2.10
		For >100 To 250, Deduct	*-0.21*	
		For >250 To 500, Deduct	*-0.29*	
		For >500 To 1,000, Deduct	*-0.45*	
		For >1,000, Deduct	*-0.60*	
		For 304 Stainless Steel, Add	*1.60*	
		For Galvanized Steel, Add	*0.35*	
		For High Strength Steel (HSS), Add	*0.67*	
05 12 23 00-0396	LF	3/4" x 1/2" x 1/8" Thick, Plain Steel Angle Iron	3.89	2.38
		For >100 To 250, Deduct	*-0.24*	
		For >250 To 500, Deduct	*-0.34*	
		For >500 To 1,000, Deduct	*-0.51*	
		For >1,000, Deduct	*-0.69*	
		For 304 Stainless Steel, Add	*2.02*	
		For Galvanized Steel, Add	*0.44*	
		For High Strength Steel (HSS), Add	*0.78*	
05 12 23 00-0397	LF	3/4" x 3/4" x 1/8" Thick, Plain Steel Angle Iron	4.38	2.63
		For >100 To 250, Deduct	*-0.26*	
		For >250 To 500, Deduct	*-0.37*	
		For >500 To 1,000, Deduct	*-0.57*	
		For >1,000, Deduct	*-0.77*	
		For 304 Stainless Steel, Add	*2.51*	
		For Galvanized Steel, Add	*0.55*	
		For High Strength Steel (HSS), Add	*0.88*	
05 12 23 00-0398	LF	1" x 3/4" x 1/8" Thick, Plain Steel Angle Iron	4.91	2.92
		For >100 To 250, Deduct	*-0.29*	
		For >250 To 500, Deduct	*-0.41*	
		For >500 To 1,000, Deduct	*-0.63*	
		For >1,000, Deduct	*-0.85*	
		For 304 Stainless Steel, Add	*2.91*	
		For Galvanized Steel, Add	*0.63*	
		For High Strength Steel (HSS), Add	*0.98*	
05 12 23 00-0399	LF	1" x 1" x 1/8" Thick, Plain Steel Angle Iron	5.40	3.15
		For >100 To 250, Deduct	*-0.32*	
		For >250 To 500, Deduct	*-0.45*	
		For >500 To 1,000, Deduct	*-0.69*	
		For >1,000, Deduct	*-0.93*	
		For 304 Stainless Steel, Add	*3.39*	
		For Galvanized Steel, Add	*0.74*	
		For High Strength Steel (HSS), Add	*1.08*	
05 12 23 00-0400	LF	1-1/4" x 1-1/4" x 1/8" Thick, Plain Steel Angle Iron	6.45	3.71
		For >100 To 250, Deduct	*-0.37*	
		For >250 To 500, Deduct	*-0.53*	
		For >500 To 1,000, Deduct	*-0.82*	
		For >1,000, Deduct	*-1.10*	
		For 304 Stainless Steel, Add	*4.28*	
		For Galvanized Steel, Add	*0.93*	
		For High Strength Steel (HSS), Add	*1.29*	
05 12 23 00-0401	LF	1-1/2" x 1" x 1/8" Thick, Plain Steel Angle Iron	6.45	3.71
		For >100 To 250, Deduct	*-0.37*	
		For >250 To 500, Deduct	*-0.53*	
		For >500 To 1,000, Deduct	*-0.82*	
		For >1,000, Deduct	*-1.10*	
		For 304 Stainless Steel, Add	*4.28*	
		For Galvanized Steel, Add	*0.93*	
		For High Strength Steel (HSS), Add	*1.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0402	LF	1-1/2" x 1-1/2" x 1/8" Thick, Plain Steel Angle Iron	7.12	3.98
		For >100 To 250, Deduct	*-0.40*	
		For >250 To 500, Deduct	*-0.58*	
		For >500 To 1,000, Deduct	*-0.89*	
		For >1,000, Deduct	*-1.20*	
		For 304 Stainless Steel, Add	*5.16*	
		For Galvanized Steel, Add	*1.12*	
		For High Strength Steel (HSS), Add	*1.42*	
05 12 23 00-0403	LF	1-3/4" x 1-3/4" x 1/8" Thick, Plain Steel Angle Iron	7.63	4.12
		For >100 To 250, Deduct	*-0.41*	
		For >250 To 500, Deduct	*-0.60*	
		For >500 To 1,000, Deduct	*-0.93*	
		For >1,000, Deduct	*-1.26*	
		For 304 Stainless Steel, Add	*6.10*	
		For 316 Stainless Steel, Add	*6.85*	
		For Aluminum, Add	*0.39*	
		For Galvanized Steel, Add	*1.33*	
		For High Strength Steel (HSS), Add	*1.53*	
05 12 23 00-0404	LF	2" x 1-1/2" x 1/8" Thick, Plain Steel Angle Iron	7.63	4.12
		For >100 To 250, Deduct	*-0.41*	
		For >250 To 500, Deduct	*-0.60*	
		For >500 To 1,000, Deduct	*-0.93*	
		For >1,000, Deduct	*-1.26*	
		For 304 Stainless Steel, Add	*6.10*	
		For 316 Stainless Steel, Add	*6.85*	
		For Aluminum, Add	*0.39*	
		For Galvanized Steel, Add	*1.33*	
		For High Strength Steel (HSS), Add	*1.53*	
05 12 23 00-0405	LF	2" x 2" x 1/8" Thick, Plain Steel Angle Iron	8.14	4.26
		For >100 To 250, Deduct	*-0.43*	
		For >250 To 500, Deduct	*-0.63*	
		For >500 To 1,000, Deduct	*-0.98*	
		For >1,000, Deduct	*-1.32*	
		For 304 Stainless Steel, Add	*7.01*	
		For Galvanized Steel, Add	*1.53*	
		For High Strength Steel (HSS), Add	*1.63*	

05 12 23 00-0406 3/16" Thick *(05 12 23 00-0393)*

05 12 23 00-0407	LF	1" x 1" x 3/16" Thick, Plain Steel Angle Iron	6.17	3.33
		For >100 To 250, Deduct	*-0.33*	
		For >250 To 500, Deduct	*-0.49*	
		For >500 To 1,000, Deduct	*-0.75*	
		For >1,000, Deduct	*-1.02*	
		For 304 Stainless Steel, Add	*4.90*	
		For 316 Stainless Steel, Add	*5.50*	
		For Aluminum, Add	*0.31*	
		For Galvanized Steel, Add	*1.07*	
		For High Strength Steel (HSS), Add	*1.23*	
05 12 23 00-0408	LF	1-1/4" x 1-1/4" x 3/16" Thick, Plain Steel Angle Iron	7.43	3.92
		For >100 To 250, Deduct	*-0.39*	
		For >250 To 500, Deduct	*-0.58*	
		For >500 To 1,000, Deduct	*-0.89*	
		For >1,000, Deduct	*-1.21*	
		For 304 Stainless Steel, Add	*6.27*	
		For Galvanized Steel, Add	*1.36*	
		For High Strength Steel (HSS), Add	*1.49*	
05 12 23 00-0409	LF	1-1/2" x 1" x 3/16" Thick, Plain Steel Angle Iron	7.43	3.92
		For >100 To 250, Deduct	*-0.39*	
		For >250 To 500, Deduct	*-0.58*	
		For >500 To 1,000, Deduct	*-0.89*	
		For >1,000, Deduct	*-1.21*	
		For 304 Stainless Steel, Add	*6.27*	
		For Galvanized Steel, Add	*1.36*	
		For High Strength Steel (HSS), Add	*1.49*	
05 12 23 00-0410	LF	1-1/2" x 1-1/2" x 3/16" Thick, Plain Steel Angle Iron	8.27	4.21
		For >100 To 250, Deduct	*-0.42*	
		For >250 To 500, Deduct	*-0.63*	
		For >500 To 1,000, Deduct	*-0.97*	
		For >1,000, Deduct	*-1.32*	
		For 304 Stainless Steel, Add	*7.61*	
		For Galvanized Steel, Add	*1.66*	
		For High Strength Steel (HSS), Add	*1.65*	
05 12 23 00-0411	LF	1-3/4" x 1-3/4" x 3/16" Thick, Plain Steel Angle Iron	8.97	4.35
		For >100 To 250, Deduct	*-0.44*	
		For >250 To 500, Deduct	*-0.66*	
		For >500 To 1,000, Deduct	*-1.03*	
		For >1,000, Deduct	*-1.40*	
		For 304 Stainless Steel, Add	*9.01*	
		For 316 Stainless Steel, Add	*10.11*	
		For Aluminum, Add	*0.57*	
		For Galvanized Steel, Add	*1.96*	
		For High Strength Steel (HSS), Add	*1.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0412	LF	2" x 1-1/2" x 3/16" Thick, Plain Steel Angle Iron	8.97	4.36
		For >100 To 250, Deduct	*-0.44*	
		For >250 To 500, Deduct	*-0.66*	
		For >500 To 1,000, Deduct	*-1.03*	
		For >1,000, Deduct	*-1.40*	
		For 304 Stainless Steel, Add	*9.01*	
		For 316 Stainless Steel, Add	*10.11*	
		For Aluminum, Add	*0.57*	
		For Galvanized Steel, Add	*1.96*	
		For High Strength Steel (HSS), Add	*1.79*	
05 12 23 00-0413	LF	2" x 2" x 3/16" Thick, Plain Steel Angle Iron	9.64	4.51
		For >100 To 250, Deduct	*-0.45*	
		For >250 To 500, Deduct	*-0.69*	
		For >500 To 1,000, Deduct	*-1.08*	
		For >1,000, Deduct	*-1.47*	
		For 304 Stainless Steel, Add	*10.35*	
		For Galvanized Steel, Add	*2.25*	
		For High Strength Steel (HSS), Add	*1.93*	
05 12 23 00-0414	LF	2-1/2" x 2" x 3/16" Thick, Plain Steel Angle Iron	10.53	4.83
		For >100 To 250, Deduct	*-0.48*	
		For >250 To 500, Deduct	*-0.75*	
		For >500 To 1,000, Deduct	*-1.17*	
		For >1,000, Deduct	*-1.59*	
		For 304 Stainless Steel, Add	*11.66*	
		For Galvanized Steel, Add	*2.54*	
		For High Strength Steel (HSS), Add	*2.11*	
05 12 23 00-0415	LF	2-1/2" x 2-1/2" x 3/16" Thick, Plain Steel Angle Iron	11.47	5.17
		For >100 To 250, Deduct	*-0.52*	
		For >250 To 500, Deduct	*-0.80*	
		For >500 To 1,000, Deduct	*-1.26*	
		For >1,000, Deduct	*-1.72*	
		For 304 Stainless Steel, Add	*13.05*	
		For Galvanized Steel, Add	*2.84*	
		For High Strength Steel (HSS), Add	*2.29*	
05 12 23 00-0416	LF	3" x 2" x 3/16" Thick, Plain Steel Angle Iron	11.46	5.17
		For >100 To 250, Deduct	*-0.52*	
		For >250 To 500, Deduct	*-0.80*	
		For >500 To 1,000, Deduct	*-1.26*	
		For >1,000, Deduct	*-1.72*	
		For 304 Stainless Steel, Add	*13.02*	
		For Galvanized Steel, Add	*2.83*	
		For High Strength Steel (HSS), Add	*2.29*	
05 12 23 00-0417	LF	3" x 2-1/2" x 3/16" Thick, Plain Steel Angle Iron	12.66	5.70
		For >100 To 250, Deduct	*-0.57*	
		For >250 To 500, Deduct	*-0.89*	
		For >500 To 1,000, Deduct	*-1.39*	
		For >1,000, Deduct	*-1.90*	
		For 304 Stainless Steel, Add	*14.39*	
		For Galvanized Steel, Add	*3.13*	
		For High Strength Steel (HSS), Add	*2.53*	
05 12 23 00-0418	LF	3" x 3" x 3/16" Thick, Plain Steel Angle Iron	13.85	6.25
		For >100 To 250, Deduct	*-0.62*	
		For >250 To 500, Deduct	*-0.97*	
		For >500 To 1,000, Deduct	*-1.53*	
		For >1,000, Deduct	*-2.08*	
		For 304 Stainless Steel, Add	*15.73*	
		For Galvanized Steel, Add	*3.42*	
		For High Strength Steel (HSS), Add	*2.77*	

05 12 23 00-0419 1/4" Thick *(05 12 23 00-0393)*

05 12 23 00-0420	LF	1" x 1" x 1/4" Thick, Plain Steel Angle Iron	7.33	3.85
		For >100 To 250, Deduct	*-0.39*	
		For >250 To 500, Deduct	*-0.57*	
		For >500 To 1,000, Deduct	*-0.88*	
		For >1,000, Deduct	*-1.19*	
		For 304 Stainless Steel, Add	*6.24*	
		For 316 Stainless Steel, Add	*7.01*	
		For Aluminum, Add	*0.39*	
		For Galvanized Steel, Add	*1.36*	
		For High Strength Steel (HSS), Add	*1.47*	
05 12 23 00-0421	LF	1-1/4" x 1-1/4" x 1/4" Thick, Plain Steel Angle Iron	8.35	4.14
		For >100 To 250, Deduct	*-0.41*	
		For >250 To 500, Deduct	*-0.62*	
		For >500 To 1,000, Deduct	*-0.97*	
		For >1,000, Deduct	*-1.32*	
		For 304 Stainless Steel, Add	*8.07*	
		For 316 Stainless Steel, Add	*9.06*	
		For Aluminum, Add	*0.51*	
		For Galvanized Steel, Add	*1.75*	
		For High Strength Steel (HSS), Add	*1.67*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0422	LF	1-1/2" x 1" x 1/4" Thick, Plain Steel Angle Iron	8.34	4.14
		For >100 To 250, Deduct	*-0.41*	
		For >250 To 500, Deduct	*-0.62*	
		For >500 To 1,000, Deduct	*-0.97*	
		For >1,000, Deduct	*-1.32*	
		For 304 Stainless Steel, Add	*8.04*	
		For Galvanized Steel, Add	*1.75*	
		For High Strength Steel (HSS), Add	*1.67*	
05 12 23 00-0423	LF	1-1/2" x 1-1/2" x 1/4" Thick, Plain Steel Angle Iron	9.37	4.44
		For >100 To 250, Deduct	*-0.44*	
		For >250 To 500, Deduct	*-0.68*	
		For >500 To 1,000, Deduct	*-1.06*	
		For >1,000, Deduct	*-1.44*	
		For 304 Stainless Steel, Add	*9.83*	
		For Galvanized Steel, Add	*2.14*	
		For High Strength Steel (HSS), Add	*1.87*	
05 12 23 00-0424	LF	1-3/4" x 1-3/4" x 1/4" Thick, Plain Steel Angle Iron	10.24	4.58
		For >100 To 250, Deduct	*-0.46*	
		For >250 To 500, Deduct	*-0.71*	
		For >500 To 1,000, Deduct	*-1.12*	
		For >1,000, Deduct	*-1.53*	
		For 304 Stainless Steel, Add	*11.77*	
		For 316 Stainless Steel, Add	*13.22*	
		For Aluminum, Add	*0.74*	
		For Galvanized Steel, Add	*2.56*	
		For High Strength Steel (HSS), Add	*2.05*	
05 12 23 00-0425	LF	2" x 1" x 1/4" Thick, Plain Steel Angle Iron	9.10	4.30
		For >100 To 250, Deduct	*-0.42*	
		For >250 To 500, Deduct	*-0.65*	
		For >500 To 1,000, Deduct	*-1.02*	
		For >1,000, Deduct	*-1.39*	
		For 304 Stainless Steel, Add	*9.92*	
		For 316 Stainless Steel, Add	*11.14*	
		For Aluminum, Add	*0.63*	
		For Galvanized Steel, Add	*2.16*	
		For High Strength Steel (HSS), Add	*1.82*	
05 12 23 00-0426	LF	2" x 1-1/2" x 1/4" Thick, Plain Steel Angle Iron	10.22	4.58
		For >100 To 250, Deduct	*-0.46*	
		For >250 To 500, Deduct	*-0.71*	
		For >500 To 1,000, Deduct	*-1.12*	
		For >1,000, Deduct	*-1.53*	
		For 304 Stainless Steel, Add	*11.71*	
		For 316 Stainless Steel, Add	*13.15*	
		For Aluminum, Add	*0.74*	
		For Galvanized Steel, Add	*2.55*	
		For High Strength Steel (HSS), Add	*2.04*	
05 12 23 00-0427	LF	2" x 2" x 1/4" Thick, Plain Steel Angle Iron	11.05	4.73
		For >100 To 250, Deduct	*-0.47*	
		For >250 To 500, Deduct	*-0.75*	
		For >500 To 1,000, Deduct	*-1.18*	
		For >1,000, Deduct	*-1.62*	
		For 304 Stainless Steel, Add	*13.51*	
		For Galvanized Steel, Add	*2.94*	
		For High Strength Steel (HSS), Add	*2.21*	
05 12 23 00-0428	LF	2-1/2" x 2" x 1/4" Thick, Plain Steel Angle Iron	12.37	5.24
		For >100 To 250, Deduct	*-0.52*	
		For >250 To 500, Deduct	*-0.83*	
		For >500 To 1,000, Deduct	*-1.32*	
		For >1,000, Deduct	*-1.80*	
		For 304 Stainless Steel, Add	*15.36*	
		For Galvanized Steel, Add	*3.34*	
		For High Strength Steel (HSS), Add	*2.47*	
05 12 23 00-0429	LF	2-1/2" x 2-1/2" x 1/4" Thick, Plain Steel Angle Iron	13.75	5.74
		For >100 To 250, Deduct	*-0.57*	
		For >250 To 500, Deduct	*-0.92*	
		For >500 To 1,000, Deduct	*-1.45*	
		For >1,000, Deduct	*-1.99*	
		For 304 Stainless Steel, Add	*17.36*	
		For Galvanized Steel, Add	*3.78*	
		For High Strength Steel (HSS), Add	*2.75*	
05 12 23 00-0430	LF	3" x 2" x 1/4" Thick, Plain Steel Angle Iron	13.75	5.74
		For >100 To 250, Deduct	*-0.57*	
		For >250 To 500, Deduct	*-0.92*	
		For >500 To 1,000, Deduct	*-1.45*	
		For >1,000, Deduct	*-1.99*	
		For 304 Stainless Steel, Add	*17.36*	
		For Galvanized Steel, Add	*3.78*	
		For High Strength Steel (HSS), Add	*2.75*	
05 12 23 00-0431	LF	3" x 2-1/2" x 1/4" Thick, Plain Steel Angle Iron	15.20	6.37
		For >100 To 250, Deduct	*-0.64*	
		For >250 To 500, Deduct	*-1.02*	
		For >500 To 1,000, Deduct	*-1.61*	
		For >1,000, Deduct	*-2.20*	
		For 304 Stainless Steel, Add	*19.10*	
		For Galvanized Steel, Add	*4.15*	
		For High Strength Steel (HSS), Add	*3.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0432	LF	3" x 3" x 1/4" Thick, Plain Steel Angle Iron	16.62	7.00
		For >100 To 250, Deduct	*-0.70*	
		For >250 To 500, Deduct	*-1.12*	
		For >500 To 1,000, Deduct	*-1.77*	
		For >1,000, Deduct	*-2.41*	
		For 304 Stainless Steel, Add	*20.75*	
		For Galvanized Steel, Add	*4.51*	
		For High Strength Steel (HSS), Add	*3.32*	
05 12 23 00-0433	LF	3-1/2" x 3" x 1/4" Thick, Plain Steel Angle Iron	18.06	7.53
		For >100 To 250, Deduct	*-0.75*	
		For >250 To 500, Deduct	*-1.20*	
		For >500 To 1,000, Deduct	*-1.91*	
		For >1,000, Deduct	*-2.61*	
		For 304 Stainless Steel, Add	*22.86*	
		For Galvanized Steel, Add	*4.97*	
		For High Strength Steel (HSS), Add	*3.61*	
05 12 23 00-0434	LF	3-1/2" x 3-1/2" x 1/4" Thick, Plain Steel Angle Iron	19.11	0.78
		For >100 To 250, Deduct	*-0.79*	
		For >250 To 500, Deduct	*-1.26*	
		For >500 To 1,000, Deduct	*-2.00*	
		For >1,000, Deduct	*-2.74*	
		For 304 Stainless Steel, Add	*24.60*	
		For Galvanized Steel, Add	*5.35*	
		For High Strength Steel (HSS), Add	*3.82*	
05 12 23 00-0435	LF	4" x 3" x 1/4" Thick, Plain Steel Angle Iron	19.11	7.87
		For >100 To 250, Deduct	*-0.79*	
		For >250 To 500, Deduct	*-1.26*	
		For >500 To 1,000, Deduct	*-2.00*	
		For >1,000, Deduct	*-2.74*	
		For 304 Stainless Steel, Add	*24.60*	
		For Galvanized Steel, Add	*5.35*	
		For High Strength Steel (HSS), Add	*3.82*	
05 12 23 00-0436	LF	4" x 3-1/2" x 1/4" Thick, Plain Steel Angle Iron	20.14	8.19
		For >100 To 250, Deduct	*-0.82*	
		For >250 To 500, Deduct	*-1.32*	
		For >500 To 1,000, Deduct	*-2.10*	
		For >1,000, Deduct	*-2.88*	
		For 304 Stainless Steel, Add	*26.25*	
		For Galvanized Steel, Add	*5.71*	
		For High Strength Steel (HSS), Add	*4.03*	
05 12 23 00-0437	LF	4" x 4" x 1/4" Thick, Plain Steel Angle Iron	21.22	8.54
		For >100 To 250, Deduct	*-0.85*	
		For >250 To 500, Deduct	*-1.38*	
		For >500 To 1,000, Deduct	*-2.20*	
		For >1,000, Deduct	*-3.02*	
		For 304 Stainless Steel, Add	*28.02*	
		For Galvanized Steel, Add	*6.09*	
		For High Strength Steel (HSS), Add	*4.24*	
05 12 23 00-0438	LF	5" x 3" x 1/4" Thick, Plain Steel Angle Iron	21.22	8.54
		For >100 To 250, Deduct	*-0.85*	
		For >250 To 500, Deduct	*-1.38*	
		For >500 To 1,000, Deduct	*-2.20*	
		For >1,000, Deduct	*-3.02*	
		For 304 Stainless Steel, Add	*28.02*	
		For Galvanized Steel, Add	*6.09*	
		For High Strength Steel (HSS), Add	*4.24*	
05 12 23 00-0439	LF	5" x 3-1/2" x 1/4" Thick, Plain Steel Angle Iron	22.39	9.00
		For >100 To 250, Deduct	*-0.90*	
		For >250 To 500, Deduct	*-1.46*	
		For >500 To 1,000, Deduct	*-2.32*	
		For >1,000, Deduct	*-3.18*	
		For 304 Stainless Steel, Add	*29.61*	
		For Galvanized Steel, Add	*6.44*	
		For High Strength Steel (HSS), Add	*4.48*	

05 12 23 00-0440 5/16" Thick *(05 12 23 00-0393)*

05 12 23 00-0441	LF	2-1/2" x 2" x 5/16" Thick, Plain Steel Angle Iron	14.82	6.09
		For >100 To 250, Deduct	*-0.61*	
		For >250 To 500, Deduct	*-0.98*	
		For >500 To 1,000, Deduct	*-1.55*	
		For >1,000, Deduct	*-2.13*	
		For 304 Stainless Steel, Add	*19.10*	
		For Galvanized Steel, Add	*4.15*	
		For High Strength Steel (HSS), Add	*2.96*	
05 12 23 00-0442	LF	2-1/2" x 2-1/2" x 5/16" Thick, Plain Steel Angle Iron	16.04	6.45
		For >100 To 250, Deduct	*-0.65*	
		For >250 To 500, Deduct	*-1.05*	
		For >500 To 1,000, Deduct	*-1.66*	
		For >1,000, Deduct	*-2.28*	
		For 304 Stainless Steel, Add	*21.20*	
		For Galvanized Steel, Add	*4.61*	
		For High Strength Steel (HSS), Add	*3.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0443	LF	3" x 2" x 5/16" Thick, Plain Steel Angle Iron	16.04	6.45
		For >100 To 250, Deduct	*-0.65*	
		For >250 To 500, Deduct	*-1.05*	
		For >500 To 1,000, Deduct	*-1.66*	
		For >1,000, Deduct	*-2.28*	
		For 304 Stainless Steel, Add	*21.20*	
		For Galvanized Steel, Add	*4.61*	
		For High Strength Steel (HSS), Add	*3.21*	
05 12 23 00-0444	LF	3" x 2-1/2" x 5/16" Thick, Plain Steel Angle Iron	17.78	7.07
		For >100 To 250, Deduct	*-0.71*	
		For >250 To 500, Deduct	*-1.15*	
		For >500 To 1,000, Deduct	*-1.83*	
		For >1,000, Deduct	*-2.51*	
		For 304 Stainless Steel, Add	*23.77*	
		For Galvanized Steel, Add	*5.17*	
		For High Strength Steel (HSS), Add	*3.56*	
05 12 23 00-0445	LF	3" x 3" x 5/16" Thick, Plain Steel Angle Iron	19.33	7.69
		For >100 To 250, Deduct	*-0.77*	
		For >250 To 500, Deduct	*-1.25*	
		For >500 To 1,000, Deduct	*-1.99*	
		For >1,000, Deduct	*-2.73*	
		For 304 Stainless Steel, Add	*25.88*	
		For Galvanized Steel, Add	*5.63*	
		For High Strength Steel (HSS), Add	*3.87*	
05 12 23 00-0446	LF	3-1/2" x 3" x 5/16" Thick, Plain Steel Angle Iron	20.60	8.08
		For >100 To 250, Deduct	*-0.81*	
		For >250 To 500, Deduct	*-1.32*	
		For >500 To 1,000, Deduct	*-2.11*	
		For >1,000, Deduct	*-2.89*	
		For 304 Stainless Steel, Add	*28.02*	
		For Galvanized Steel, Add	*6.09*	
		For High Strength Steel (HSS), Add	*4.12*	
05 12 23 00-0447	LF	3-1/2" x 3-1/2" x 5/16" Thick, Plain Steel Angle Iron	22.00	8.48
		For >100 To 250, Deduct	*-0.85*	
		For >250 To 500, Deduct	*-1.40*	
		For >500 To 1,000, Deduct	*-2.23*	
		For >1,000, Deduct	*-3.06*	
		For 304 Stainless Steel, Add	*30.47*	
		For Galvanized Steel, Add	*6.63*	
		For High Strength Steel (HSS), Add	*4.40*	
05 12 23 00-0448	LF	4" x 3" x 5/16" Thick, Plain Steel Angle Iron	22.00	8.48
		For >100 To 250, Deduct	*-0.85*	
		For >250 To 500, Deduct	*-1.40*	
		For >500 To 1,000, Deduct	*-2.23*	
		For >1,000, Deduct	*-3.06*	
		For 304 Stainless Steel, Add	*30.47*	
		For Galvanized Steel, Add	*6.63*	
		For High Strength Steel (HSS), Add	*4.40*	
05 12 23 00-0449	LF	4" x 3-1/2" x 5/16" Thick, Plain Steel Angle Iron	23.38	8.96
		For >100 To 250, Deduct	*-0.90*	
		For >250 To 500, Deduct	*-1.48*	
		For >500 To 1,000, Deduct	*-2.36*	
		For >1,000, Deduct	*-3.25*	
		For 304 Stainless Steel, Add	*32.58*	
		For Galvanized Steel, Add	*7.09*	
		For High Strength Steel (HSS), Add	*4.68*	
05 12 23 00-0450	LF	4" x 4" x 5/16" Thick, Plain Steel Angle Iron	24.70	9.37
		For >100 To 250, Deduct	*-0.94*	
		For >250 To 500, Deduct	*-1.55*	
		For >500 To 1,000, Deduct	*-2.48*	
		For >1,000, Deduct	*-3.41*	
		For 304 Stainless Steel, Add	*34.80*	
		For Galvanized Steel, Add	*7.57*	
		For High Strength Steel (HSS), Add	*4.94*	
05 12 23 00-0451	LF	5" x 3" x 5/16" Thick, Plain Steel Angle Iron	24.70	9.37
		For >100 To 250, Deduct	*-0.94*	
		For >250 To 500, Deduct	*-1.55*	
		For >500 To 1,000, Deduct	*-2.48*	
		For >1,000, Deduct	*-3.41*	
		For 304 Stainless Steel, Add	*34.80*	
		For Galvanized Steel, Add	*7.57*	
		For High Strength Steel (HSS), Add	*4.94*	
05 12 23 00-0452	LF	5" x 3-1/2" x 5/16" Thick, Plain Steel Angle Iron	25.93	9.76
		For >100 To 250, Deduct	*-0.98*	
		For >250 To 500, Deduct	*-1.62*	
		For >500 To 1,000, Deduct	*-2.60*	
		For >1,000, Deduct	*-3.57*	
		For 304 Stainless Steel, Add	*36.82*	
		For Galvanized Steel, Add	*8.01*	
		For High Strength Steel (HSS), Add	*5.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0453	LF	5" x 5" x 5/16" Thick, Plain Steel Angle Iron	28.89	10.17
		For >100 To 250, Deduct	*-1.02*	
		For >250 To 500, Deduct	*-1.74*	
		For >500 To 1,000, Deduct	*-2.80*	
		For >1,000, Deduct	*-3.86*	
		For 304 Stainless Steel, Add	*43.69*	
		For Galvanized Steel, Add	*9.50*	
		For High Strength Steel (HSS), Add	*5.78*	
05 12 23 00-0454	LF	6" x 3-1/2" x 5/16" Thick, Plain Steel Angle Iron	28.68	10.59
		For >100 To 250, Deduct	*-1.06*	
		For >250 To 500, Deduct	*-1.78*	
		For >500 To 1,000, Deduct	*-2.85*	
		For >1,000, Deduct	*-3.92*	
		For 304 Stainless Steel, Add	*41.47*	
		For Galvanized Steel, Add	*9.02*	
		For High Strength Steel (HSS), Add	*5.74*	

05 12 23 00-0455 3/8" Thick *(05 12 23 00-0393)*

05 12 23 00-0456	LF	3" x 2" x 3/8" Thick, Plain Steel Angle Iron	17.76	6.75
		For >100 To 250, Deduct	*-0.68*	
		For >250 To 500, Deduct	*-1.12*	
		For >500 To 1,000, Deduct	*-1.79*	
		For >1,000, Deduct	*-2.46*	
		For 304 Stainless Steel, Add	*24.97*	
		For Galvanized Steel, Add	*5.43*	
		For High Strength Steel (HSS), Add	*3.55*	
05 12 23 00-0457	LF	3" x 2-1/2" x 3/8" Thick, Plain Steel Angle Iron	19.59	7.31
		For >100 To 250, Deduct	*-0.73*	
		For >250 To 500, Deduct	*-1.22*	
		For >500 To 1,000, Deduct	*-1.96*	
		For >1,000, Deduct	*-2.69*	
		For 304 Stainless Steel, Add	*28.02*	
		For Galvanized Steel, Add	*6.09*	
		For High Strength Steel (HSS), Add	*3.92*	
05 12 23 00-0458	LF	3" x 3" x 3/8" Thick, Plain Steel Angle Iron	21.19	7.88
		For >100 To 250, Deduct	*-0.79*	
		For >250 To 500, Deduct	*-1.32*	
		For >500 To 1,000, Deduct	*-2.11*	
		For >1,000, Deduct	*-2.90*	
		For 304 Stainless Steel, Add	*30.47*	
		For Galvanized Steel, Add	*6.63*	
		For High Strength Steel (HSS), Add	*4.24*	
05 12 23 00-0459	LF	3-1/2" x 3" x 3/8" Thick, Plain Steel Angle Iron	22.55	8.10
		For >100 To 250, Deduct	*-0.81*	
		For >250 To 500, Deduct	*-1.37*	
		For >500 To 1,000, Deduct	*-2.21*	
		For >1,000, Deduct	*-3.04*	
		For 304 Stainless Steel, Add	*33.52*	
		For Galvanized Steel, Add	*7.29*	
		For High Strength Steel (HSS), Add	*4.51*	
05 12 23 00-0460	LF	3-1/2" x 3-1/2" x 3/8" Thick, Plain Steel Angle Iron	24.01	8.54
		For >100 To 250, Deduct	*-0.85*	
		For >250 To 500, Deduct	*-1.45*	
		For >500 To 1,000, Deduct	*-2.34*	
		For >1,000, Deduct	*-3.22*	
		For 304 Stainless Steel, Add	*35.97*	
		For Galvanized Steel, Add	*7.82*	
		For High Strength Steel (HSS), Add	*4.80*	
05 12 23 00-0461	LF	4" x 3" x 3/8" Thick, Plain Steel Angle Iron	24.01	8.54
		For >100 To 250, Deduct	*-0.85*	
		For >250 To 500, Deduct	*-1.45*	
		For >500 To 1,000, Deduct	*-2.34*	
		For >1,000, Deduct	*-3.22*	
		For 304 Stainless Steel, Add	*35.97*	
		For Galvanized Steel, Add	*7.82*	
		For High Strength Steel (HSS), Add	*4.80*	
05 12 23 00-0462	LF	4" x 3-1/2" x 3/8" Thick, Plain Steel Angle Iron	25.91	9.31
		For >100 To 250, Deduct	*-0.93*	
		For >250 To 500, Deduct	*-1.58*	
		For >500 To 1,000, Deduct	*-2.54*	
		For >1,000, Deduct	*-3.49*	
		For 304 Stainless Steel, Add	*38.50*	
		For Galvanized Steel, Add	*8.38*	
		For High Strength Steel (HSS), Add	*5.18*	
05 12 23 00-0463	LF	4" x 4" x 3/8" Thick, Plain Steel Angle Iron	27.32	9.58
		For >100 To 250, Deduct	*-0.96*	
		For >250 To 500, Deduct	*-1.64*	
		For >500 To 1,000, Deduct	*-2.64*	
		For >1,000, Deduct	*-3.65*	
		For 304 Stainless Steel, Add	*41.47*	
		For Galvanized Steel, Add	*9.02*	
		For High Strength Steel (HSS), Add	*5.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0464	LF	5" x 3" x 3/8" Thick, Plain Steel Angle Iron	27.82	9.96
		For >100 To 250, Deduct	*-1.00*	
		For >250 To 500, Deduct	*-1.69*	
		For >500 To 1,000, Deduct	*-2.72*	
		For >1,000, Deduct	*-3.75*	
		For 304 Stainless Steel, Add	*41.47*	
		For Galvanized Steel, Add	*9.02*	
		For High Strength Steel (HSS), Add	*5.56*	
05 12 23 00-0465	LF	5" x 3-1/2" x 3/8" Thick, Plain Steel Angle Iron	29.75	10.73
		For >100 To 250, Deduct	*-1.07*	
		For >250 To 500, Deduct	*-1.82*	
		For >500 To 1,000, Deduct	*-2.92*	
		For >1,000, Deduct	*-4.02*	
		For 304 Stainless Steel, Add	*44.00*	
		For Galvanized Steel, Add	*9.57*	
		For High Strength Steel (HSS), Add	*5.95*	
05 12 23 00-0466	LF	5" x 5" x 3/8" Thick, Plain Steel Angle Iron	34.98	12.51
		For >100 To 250, Deduct	*-1.25*	
		For >250 To 500, Deduct	*-2.12*	
		For >500 To 1,000, Deduct	*-3.42*	
		For >1,000, Deduct	*-4.71*	
		For 304 Stainless Steel, Add	*52.18*	
		For Galvanized Steel, Add	*11.35*	
		For High Strength Steel (HSS), Add	*7.00*	
05 12 23 00-0467	LF	6" x 3-1/2" x 3/8" Thick, Plain Steel Angle Iron	32.86	11.62
		For >100 To 250, Deduct	*-1.16*	
		For >250 To 500, Deduct	*-1.98*	
		For >500 To 1,000, Deduct	*-3.19*	
		For >1,000, Deduct	*-4.40*	
		For 304 Stainless Steel, Add	*49.50*	
		For Galvanized Steel, Add	*10.77*	
		For High Strength Steel (HSS), Add	*6.57*	
05 12 23 00-0468	LF	6" x 4" x 3/8" Thick, Plain Steel Angle Iron	34.98	12.51
		For >100 To 250, Deduct	*-1.25*	
		For >250 To 500, Deduct	*-2.12*	
		For >500 To 1,000, Deduct	*-3.42*	
		For >1,000, Deduct	*-4.71*	
		For 304 Stainless Steel, Add	*52.18*	
		For Galvanized Steel, Add	*11.35*	
		For High Strength Steel (HSS), Add	*7.00*	
05 12 23 00-0469	LF	6" x 6" x 3/8" Thick, Plain Steel Angle Iron	42.18	15.01
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-2.55*	
		For >500 To 1,000, Deduct	*-4.11*	
		For >1,000, Deduct	*-5.66*	
		For 304 Stainless Steel, Add	*63.21*	
		For Galvanized Steel, Add	*13.75*	
		For High Strength Steel (HSS), Add	*8.44*	
05 12 23 00-0470	LF	7" x 4" x 3/8" Thick, Plain Steel Angle Iron	38.58	13.75
		For >100 To 250, Deduct	*-1.38*	
		For >250 To 500, Deduct	*-2.34*	
		For >500 To 1,000, Deduct	*-3.76*	
		For >1,000, Deduct	*-5.19*	
		For 304 Stainless Steel, Add	*57.68*	
		For Galvanized Steel, Add	*12.55*	
		For High Strength Steel (HSS), Add	*7.72*	

05 12 23 00-0471 1/2" Thick *(05 12 23 00-0393)*

05 12 23 00-0472	LF	3" x 3" x 1/2" Thick, Plain Steel Angle Iron	24.72	8.05
		For >100 To 250, Deduct	*-0.80*	
		For >250 To 500, Deduct	*-1.42*	
		For >500 To 1,000, Deduct	*-2.31*	
		For >1,000, Deduct	*-3.20*	
		For 304 Stainless Steel, Add	*39.87*	
		For Galvanized Steel, Add	*8.67*	
		For High Strength Steel (HSS), Add	*4.94*	
05 12 23 00-0473	LF	4" x 3" x 1/2" Thick, Plain Steel Angle Iron	29.21	9.51
		For >100 To 250, Deduct	*-0.95*	
		For >250 To 500, Deduct	*-1.68*	
		For >500 To 1,000, Deduct	*-2.73*	
		For >1,000, Deduct	*-3.78*	
		For 304 Stainless Steel, Add	*47.11*	
		For Galvanized Steel, Add	*10.25*	
		For High Strength Steel (HSS), Add	*5.84*	
05 12 23 00-0474	LF	4" x 3-1/2" x 1/2" Thick, Plain Steel Angle Iron	31.30	10.19
		For >100 To 250, Deduct	*-1.02*	
		For >250 To 500, Deduct	*-1.80*	
		For >500 To 1,000, Deduct	*-2.92*	
		For >1,000, Deduct	*-4.05*	
		For 304 Stainless Steel, Add	*50.50*	
		For Galvanized Steel, Add	*10.99*	
		For High Strength Steel (HSS), Add	*6.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0475	LF	4" x 4" x 1/2" Thick, Plain Steel Angle Iron	33.68	10.97
		For >100 To 250, Deduct	*-1.10*	
		For >250 To 500, Deduct	*-1.94*	
		For >500 To 1,000, Deduct	*-3.15*	
		For >1,000, Deduct	*-4.35*	
		For 304 Stainless Steel, Add	*54.32*	
		For Galvanized Steel, Add	*11.82*	
		For High Strength Steel (HSS), Add	*6.74*	
05 12 23 00-0476	LF	5" x 3" x 1/2" Thick, Plain Steel Angle Iron	33.68	10.97
		For >100 To 250, Deduct	*-1.10*	
		For >250 To 500, Deduct	*-1.94*	
		For >500 To 1,000, Deduct	*-3.15*	
		For >1,000, Deduct	*-4.35*	
		For 304 Stainless Steel, Add	*54.32*	
		For Galvanized Steel, Add	*11.82*	
		For High Strength Steel (HSS), Add	*6.74*	
05 12 23 00-0477	LF	5" x 3-1/2" x 1/2" Thick, Plain Steel Angle Iron	35.77	11.65
		For >100 To 250, Deduct	*-1.16*	
		For >250 To 500, Deduct	*-2.06*	
		For >500 To 1,000, Deduct	*-3.34*	
		For >1,000, Deduct	*-4.62*	
		For 304 Stainless Steel, Add	*57.71*	
		For Galvanized Steel, Add	*12.56*	
		For High Strength Steel (HSS), Add	*7.15*	
05 12 23 00-0478	LF	5" x 5" x 1/2" Thick, Plain Steel Angle Iron	42.62	13.87
		For >100 To 250, Deduct	*-1.39*	
		For >250 To 500, Deduct	*-2.45*	
		For >500 To 1,000, Deduct	*-3.98*	
		For >1,000, Deduct	*-5.51*	
		For 304 Stainless Steel, Add	*68.74*	
		For Galvanized Steel, Add	*14.95*	
		For High Strength Steel (HSS), Add	*8.52*	
05 12 23 00-0479	LF	6" x 4" x 1/2" Thick, Plain Steel Angle Iron	42.62	13.87
		For >100 To 250, Deduct	*-1.39*	
		For >250 To 500, Deduct	*-2.45*	
		For >500 To 1,000, Deduct	*-3.98*	
		For >1,000, Deduct	*-5.51*	
		For 304 Stainless Steel, Add	*68.74*	
		For Galvanized Steel, Add	*14.95*	
		For High Strength Steel (HSS), Add	*8.52*	
05 12 23 00-0480	LF	6" x 6" x 1/2" Thick, Plain Steel Angle Iron	51.55	16.78
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.97*	
		For >500 To 1,000, Deduct	*-4.82*	
		For >1,000, Deduct	*-6.66*	
		For 304 Stainless Steel, Add	*83.13*	
		For Galvanized Steel, Add	*18.09*	
		For High Strength Steel (HSS), Add	*10.31*	
05 12 23 00-0481	LF	7" x 4" x 1/2" Thick, Plain Steel Angle Iron	47.07	15.33
		For >100 To 250, Deduct	*-1.53*	
		For >250 To 500, Deduct	*-2.71*	
		For >500 To 1,000, Deduct	*-4.40*	
		For >1,000, Deduct	*-6.08*	
		For 304 Stainless Steel, Add	*75.92*	
		For Galvanized Steel, Add	*16.52*	
		For High Strength Steel (HSS), Add	*9.41*	
05 12 23 00-0482	LF	8" x 4" x 1/2" Thick, Plain Steel Angle Iron	51.55	16.78
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.97*	
		For >500 To 1,000, Deduct	*-4.82*	
		For >1,000, Deduct	*-6.66*	
		For 304 Stainless Steel, Add	*83.13*	
		For Galvanized Steel, Add	*18.09*	
		For High Strength Steel (HSS), Add	*10.31*	
05 12 23 00-0483	LF	8" x 6" x 1/2" Thick, Plain Steel Angle Iron	60.52	19.70
		For >100 To 250, Deduct	*-1.97*	
		For >250 To 500, Deduct	*-3.48*	
		For >500 To 1,000, Deduct	*-5.65*	
		For >1,000, Deduct	*-7.82*	
		For 304 Stainless Steel, Add	*97.61*	
		For Galvanized Steel, Add	*21.24*	
		For High Strength Steel (HSS), Add	*12.10*	
05 12 23 00-0484	LF	8" x 8" x 1/2" Thick, Plain Steel Angle Iron	69.45	22.62
		For >100 To 250, Deduct	*-2.26*	
		For >250 To 500, Deduct	*-4.00*	
		For >500 To 1,000, Deduct	*-6.49*	
		For >1,000, Deduct	*-8.98*	
		For 304 Stainless Steel, Add	*112.01*	
		For Galvanized Steel, Add	*24.37*	
		For High Strength Steel (HSS), Add	*13.89*	

05 12 23 00-0485 5/8" Thick *(05 12 23 00-0393)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0486	LF	4" x 4" x 5/8" Thick, Plain Steel Angle Iron	40.12	12.57
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-2.26*	
		For >500 To 1,000, Deduct	*-3.68*	
		For >1,000, Deduct	*-5.10*	
		For Galvanized Steel, Add	*14.49*	
		For High Strength Steel (HSS), Add	*8.02*	
05 12 23 00-0487	LF	5" x 3-1/2" x 5/8" Thick, Plain Steel Angle Iron	42.95	13.45
		For >100 To 250, Deduct	*-1.34*	
		For >250 To 500, Deduct	*-2.42*	
		For >500 To 1,000, Deduct	*-3.94*	
		For >1,000, Deduct	*-5.46*	
		For Galvanized Steel, Add	*15.51*	
		For High Strength Steel (HSS), Add	*8.59*	
05 12 23 00-0488	LF	5" x 5" x 5/8" Thick, Plain Steel Angle Iron	51.12	16.01
		For >100 To 250, Deduct	*-1.60*	
		For >250 To 500, Deduct	*-2.88*	
		For >500 To 1,000, Deduct	*-4.69*	
		For >1,000, Deduct	*-6.50*	
		For Galvanized Steel, Add	*18.46*	
		For High Strength Steel (HSS), Add	*10.22*	
05 12 23 00-0489	LF	6" x 4" x 5/8" Thick, Plain Steel Angle Iron	51.12	16.01
		For >100 To 250, Deduct	*-1.60*	
		For >250 To 500, Deduct	*-2.88*	
		For >500 To 1,000, Deduct	*-4.69*	
		For >1,000, Deduct	*-6.50*	
		For Galvanized Steel, Add	*18.46*	
		For High Strength Steel (HSS), Add	*10.22*	
05 12 23 00-0490	LF	6" x 6" x 5/8" Thick, Plain Steel Angle Iron	61.86	19.37
		For >100 To 250, Deduct	*-1.94*	
		For >250 To 500, Deduct	*-3.48*	
		For >500 To 1,000, Deduct	*-5.68*	
		For >1,000, Deduct	*-7.87*	
		For Galvanized Steel, Add	*22.34*	
		For High Strength Steel (HSS), Add	*12.37*	
05 12 23 00-0491	LF	7" x 4" x 5/8" Thick, Plain Steel Angle Iron	56.48	17.69
		For >100 To 250, Deduct	*-1.77*	
		For >250 To 500, Deduct	*-3.18*	
		For >500 To 1,000, Deduct	*-5.18*	
		For >1,000, Deduct	*-7.18*	
		For Galvanized Steel, Add	*20.40*	
		For High Strength Steel (HSS), Add	*11.30*	
05 12 23 00-0492	LF	8" x 6" x 5/8" Thick, Plain Steel Angle Iron	72.83	22.81
		For >100 To 250, Deduct	*-2.28*	
		For >250 To 500, Deduct	*-4.10*	
		For >500 To 1,000, Deduct	*-6.68*	
		For >1,000, Deduct	*-9.26*	
		For Galvanized Steel, Add	*26.30*	
		For High Strength Steel (HSS), Add	*14.57*	
05 12 23 00-0493	LF	8" x 8" x 5/8" Thick, Plain Steel Angle Iron	83.58	26.18
		For >100 To 250, Deduct	*-2.62*	
		For >250 To 500, Deduct	*-4.71*	
		For >500 To 1,000, Deduct	*-7.67*	
		For >1,000, Deduct	*-10.63*	
		For Galvanized Steel, Add	*30.18*	
		For High Strength Steel (HSS), Add	*16.72*	

05 12 23 00-0494 3/4" Thick *(05 12 23 00-0393)*

05 12 23 00-0495	LF	4" x 4" x 3/4" Thick, Plain Steel Angle Iron	46.06	13.88
		For >100 To 250, Deduct	*-1.39*	
		For >250 To 500, Deduct	*-2.54*	
		For >500 To 1,000, Deduct	*-4.15*	
		For >1,000, Deduct	*-5.77*	
		For Galvanized Steel, Add	*17.08*	
		For High Strength Steel (HSS), Add	*9.21*	
05 12 23 00-0496	LF	5" x 3-1/2" x 3/4" Thick, Plain Steel Angle Iron	49.28	14.86
		For >100 To 250, Deduct	*-1.49*	
		For >250 To 500, Deduct	*-2.72*	
		For >500 To 1,000, Deduct	*-4.45*	
		For >1,000, Deduct	*-6.17*	
		For Galvanized Steel, Add	*18.27*	
		For High Strength Steel (HSS), Add	*9.86*	
05 12 23 00-0497	LF	5" x 5" x 3/4" Thick, Plain Steel Angle Iron	58.75	17.72
		For >100 To 250, Deduct	*-1.77*	
		For >250 To 500, Deduct	*-3.24*	
		For >500 To 1,000, Deduct	*-5.30*	
		For >1,000, Deduct	*-7.36*	
		For Galvanized Steel, Add	*21.79*	
		For High Strength Steel (HSS), Add	*11.75*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0498	LF	6" x 4" x 3/4" Thick, Plain Steel Angle Iron	58.75	17.72
		For >100 To 250, Deduct	*-1.77*	
		For >250 To 500, Deduct	*-3.24*	
		For >500 To 1,000, Deduct	*-5.30*	
		For >1,000, Deduct	*-7.36*	
		For Galvanized Steel, Add	*21.79*	
		For High Strength Steel (HSS), Add	*11.75*	
05 12 23 00-0499	LF	6" x 6" x 3/4" Thick, Plain Steel Angle Iron	71.44	21.53
		For >100 To 250, Deduct	*-2.15*	
		For >250 To 500, Deduct	*-3.94*	
		For >500 To 1,000, Deduct	*-6.44*	
		For >1,000, Deduct	*-8.95*	
		For Galvanized Steel, Add	*26.49*	
		For High Strength Steel (HSS), Add	*14.29*	
05 12 23 00-0500	LF	7" x 4" x 3/4" Thick, Plain Steel Angle Iron	65.22	19.66
		For >100 To 250, Deduct	*-1.97*	
		For >250 To 500, Deduct	*-3.60*	
		For >500 To 1,000, Deduct	*-5.88*	
		For >1,000, Deduct	*-8.17*	
		For Galvanized Steel, Add	*24.18*	
		For High Strength Steel (HSS), Add	*13.04*	
05 12 23 00-0501	LF	8" x 4" x 3/4" Thick, Plain Steel Angle Iron	71.44	21.53
		For >100 To 250, Deduct	*-2.15*	
		For >250 To 500, Deduct	*-3.94*	
		For >500 To 1,000, Deduct	*-6.44*	
		For >1,000, Deduct	*-8.95*	
		For Galvanized Steel, Add	*26.49*	
		For High Strength Steel (HSS), Add	*14.29*	
05 12 23 00-0502	LF	8" x 6" x 3/4" Thick, Plain Steel Angle Iron	84.14	25.36
		For >100 To 250, Deduct	*-2.54*	
		For >250 To 500, Deduct	*-4.64*	
		For >500 To 1,000, Deduct	*-7.59*	
		For >1,000, Deduct	*-10.54*	
		For Galvanized Steel, Add	*31.20*	
		For High Strength Steel (HSS), Add	*16.83*	
05 12 23 00-0503	LF	8" x 8" x 3/4" Thick, Plain Steel Angle Iron	96.83	29.19
		For >100 To 250, Deduct	*-2.92*	
		For >250 To 500, Deduct	*-5.34*	
		For >500 To 1,000, Deduct	*-8.73*	
		For >1,000, Deduct	*-12.13*	
		For Galvanized Steel, Add	*35.90*	
		For High Strength Steel (HSS), Add	*19.37*	
05 12 23 00-0504		7/8" Thick *(05 12 23 00-0393)*		
05 12 23 00-0505	LF	5" x 5" x 7/8" Thick, Plain Steel Angle Iron	65.88	19.04
		For >100 To 250, Deduct	*-1.91*	
		For >250 To 500, Deduct	*-3.55*	
		For >500 To 1,000, Deduct	*-5.83*	
		For >1,000, Deduct	*-8.12*	
		For Galvanized Steel, Add	*25.10*	
		For High Strength Steel (HSS), Add	*13.18*	
05 12 23 00-0506	LF	6" x 4" x 7/8" Thick, Plain Steel Angle Iron	65.88	19.04
		For >100 To 250, Deduct	*-1.91*	
		For >250 To 500, Deduct	*-3.55*	
		For >500 To 1,000, Deduct	*-5.83*	
		For >1,000, Deduct	*-8.12*	
		For Galvanized Steel, Add	*25.10*	
		For High Strength Steel (HSS), Add	*13.18*	
05 12 23 00-0507	LF	6" x 6" x 7/8" Thick, Plain Steel Angle Iron	80.19	23.19
		For >100 To 250, Deduct	*-2.32*	
		For >250 To 500, Deduct	*-4.32*	
		For >500 To 1,000, Deduct	*-7.10*	
		For >1,000, Deduct	*-9.88*	
		For Galvanized Steel, Add	*30.55*	
		For High Strength Steel (HSS), Add	*16.04*	
05 12 23 00-0508	LF	8" x 6" x 7/8" Thick, Plain Steel Angle Iron	94.72	27.38
		For >100 To 250, Deduct	*-2.74*	
		For >250 To 500, Deduct	*-5.11*	
		For >500 To 1,000, Deduct	*-8.39*	
		For >1,000, Deduct	*-11.67*	
		For Galvanized Steel, Add	*36.09*	
		For High Strength Steel (HSS), Add	*18.94*	
05 12 23 00-0509	LF	8" x 8" x 7/8" Thick, Plain Steel Angle Iron	109.00	31.52
		For >100 To 250, Deduct	*-3.15*	
		For >250 To 500, Deduct	*-5.88*	
		For >500 To 1,000, Deduct	*-9.65*	
		For >1,000, Deduct	*-13.43*	
		For Galvanized Steel, Add	*41.53*	
		For High Strength Steel (HSS), Add	*21.80*	
05 12 23 00-0510		Bar Channel *(05 12 23 00-0392)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0511	LF	1" x 1/2" x 1/8" Thick Bar Channel	5.83	
		For 304 Stainless Steel, Add	*4.62*	
		For 316 Stainless Steel, Add	*5.18*	
		For Aluminum, Add	*0.29*	
		For Galvanized Steel, Add	*1.00*	
		For High Strength Steel (HSS), Add	*1.17*	
05 12 23 00-0512	LF	1-1/4" x 1/2" x 1/8" Thick Bar Channel	6.52	
		For 304 Stainless Steel, Add	*5.53*	
		For 316 Stainless Steel, Add	*6.21*	
		For Aluminum, Add	*0.35*	
		For Galvanized Steel, Add	*1.20*	
		For High Strength Steel (HSS), Add	*1.30*	
05 12 23 00-0513	LF	1-1/2" x 1/2" x 1/8" Thick Bar Channel	7.10	
		For 304 Stainless Steel, Add	*6.13*	
		For 316 Stainless Steel, Add	*6.88*	
		For Aluminum, Add	*0.39*	
		For Galvanized Steel, Add	*1.33*	
		For High Strength Steel (HSS), Add	*1.42*	
05 12 23 00-0514	LF	1-1/2" x 3/4" x 1/8" Thick Bar Channel	8.16	
		For 304 Stainless Steel, Add	*6.38*	
		For 316 Stainless Steel, Add	*7.17*	
		For Aluminum, Add	*0.40*	
		For Galvanized Steel, Add	*1.39*	
		For High Strength Steel (HSS), Add	*1.63*	
05 12 23 00-0515	LF	2" x 1/2" x 1/8" Thick Bar Channel	8.66	
		For 304 Stainless Steel, Add	*7.81*	
		For 316 Stainless Steel, Add	*8.77*	
		For Aluminum, Add	*0.49*	
		For Galvanized Steel, Add	*1.70*	
05 12 23 00-0516	LF	2" x 1" x 1/8" Thick Bar Channel	11.52	
		For 304 Stainless Steel, Add	*8.72*	
		For 316 Stainless Steel, Add	*9.79*	
		For Aluminum, Add	*0.55*	
		For Galvanized Steel, Add	*1.90*	

05 12 23 00-0517 Channels - C *(05 12 23 00-0392)*

05 12 23 00-0518	LF	C2 x 1.78 - 2" Wide Channel	9.56	5.22
		For >100 To 250, Deduct	*-0.52*	
		For >250 To 500, Deduct	*-0.76*	
		For >500 To 1,000, Deduct	*-1.17*	
		For >1,000, Deduct	*-1.59*	
		For 304 Stainless Steel, Add	*7.41*	
		For 316 Stainless Steel, Add	*8.32*	
		For Aluminum, Add	*0.47*	
		For Galvanized Steel, Add	*1.61*	
05 12 23 00-0519	LF	C3 x 4.1 - 3" Wide Channel	16.10	7.50
		For >100 To 250, Deduct	*-0.75*	
		For >250 To 500, Deduct	*-1.15*	
		For >500 To 1,000, Deduct	*-1.81*	
		For >1,000, Deduct	*-2.46*	
		For 304 Stainless Steel, Add	*17.39*	
		For 316 Stainless Steel, Add	*19.52*	
		For Aluminum, Add	*1.10*	
		For Galvanized Steel, Add	*3.78*	
05 12 23 00-0520	LF	C3 x 5 - 3" Wide Channel	19.64	9.16
		For >100 To 250, Deduct	*-0.92*	
		For >250 To 500, Deduct	*-1.41*	
		For >500 To 1,000, Deduct	*-2.20*	
		For >1,000, Deduct	*-3.00*	
		For 304 Stainless Steel, Add	*21.20*	
		For 316 Stainless Steel, Add	*23.81*	
		For Aluminum, Add	*1.34*	
		For Galvanized Steel, Add	*4.61*	
05 12 23 00-0521	LF	C3 x 6 - 3" Wide Channel	23.58	10.98
		For >100 To 250, Deduct	*-1.10*	
		For >250 To 500, Deduct	*-1.69*	
		For >500 To 1,000, Deduct	*-2.64*	
		For >1,000, Deduct	*-3.60*	
		For 304 Stainless Steel, Add	*25.45*	
		For 316 Stainless Steel, Add	*28.58*	
		For Aluminum, Add	*1.61*	
		For Galvanized Steel, Add	*5.54*	
05 12 23 00-0522	LF	C4 x 5.4 - 4" Wide Channel	20.04	9.00
		For >100 To 250, Deduct	*-0.90*	
		For >250 To 500, Deduct	*-1.40*	
		For >500 To 1,000, Deduct	*-2.20*	
		For >1,000, Deduct	*-3.00*	
		For 304 Stainless Steel, Add	*22.91*	
		For 316 Stainless Steel, Add	*25.73*	
		For Aluminum, Add	*1.45*	
		For Galvanized Steel, Add	*4.98*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0523	LF	C4 x 7.25 - 4" Wide Channel	26.91	12.08
		For >100 To 250, Deduct	*-1.21*	
		For >250 To 500, Deduct	*-1.88*	
		For >500 To 1,000, Deduct	*-2.96*	
		For >1,000, Deduct	*-4.03*	
		For 304 Stainless Steel, Add	*30.75*	
		For 316 Stainless Steel, Add	*34.53*	
		For Aluminum, Add	*1.94*	
		For Galvanized Steel, Add	*6.69*	
05 12 23 00-0524	LF	C5 x 6.7 - 5" Wide Channel	23.97	10.50
		For >100 To 250, Deduct	*-1.05*	
		For >250 To 500, Deduct	*-1.65*	
		For >500 To 1,000, Deduct	*-2.60*	
		For >1,000, Deduct	*-3.55*	
		For 304 Stainless Steel, Add	*28.41*	
		For 316 Stainless Steel, Add	*31.90*	
		For Aluminum, Add	*1.79*	
		For Galvanized Steel, Add	*6.18*	
05 12 23 00-0525	LF	C5 x 9 - 5" Wide Channel	32.21	14.11
		For >100 To 250, Deduct	*-1.41*	
		For >250 To 500, Deduct	*-2.22*	
		For >500 To 1,000, Deduct	*-3.49*	
		For >1,000, Deduct	*-4.77*	
		For 304 Stainless Steel, Add	*38.19*	
		For 316 Stainless Steel, Add	*42.88*	
		For Aluminum, Add	*2.41*	
		For Galvanized Steel, Add	*8.31*	
05 12 23 00-0526	LF	C6 x 8.2 - 6" Wide Channel	29.02	12.61
		For >100 To 250, Deduct	*-1.26*	
		For >250 To 500, Deduct	*-1.99*	
		For >500 To 1,000, Deduct	*-3.13*	
		For >1,000, Deduct	*-4.28*	
		For 304 Stainless Steel, Add	*34.80*	
		For 316 Stainless Steel, Add	*39.07*	
		For Aluminum, Add	*2.20*	
		For Galvanized Steel, Add	*7.57*	
05 12 23 00-0527	LF	C6 x 10.5 - 6" Wide Channel	37.15	16.14
		For >100 To 250, Deduct	*-1.61*	
		For >250 To 500, Deduct	*-2.54*	
		For >500 To 1,000, Deduct	*-4.01*	
		For >1,000, Deduct	*-5.48*	
		For 304 Stainless Steel, Add	*44.55*	
		For 316 Stainless Steel, Add	*50.02*	
		For Aluminum, Add	*2.81*	
		For Galvanized Steel, Add	*9.69*	
05 12 23 00-0528	LF	C6 x 13 - 6" Wide Channel	46.00	19.98
		For >100 To 250, Deduct	*-2.00*	
		For >250 To 500, Deduct	*-3.15*	
		For >500 To 1,000, Deduct	*-4.97*	
		For >1,000, Deduct	*-6.78*	
		For 304 Stainless Steel, Add	*55.15*	
		For 316 Stainless Steel, Add	*61.92*	
		For Aluminum, Add	*3.48*	
		For Galvanized Steel, Add	*12.00*	
05 12 23 00-0529	LF	C7 x 9.8 - 7" Wide Channel	34.60	15.01
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-2.37*	
		For >500 To 1,000, Deduct	*-3.73*	
		For >1,000, Deduct	*-5.10*	
		For 304 Stainless Steel, Add	*41.58*	
		For 316 Stainless Steel, Add	*46.69*	
		For Aluminum, Add	*2.63*	
		For Galvanized Steel, Add	*9.05*	
05 12 23 00-0530	LF	C7 x 12.25 - 7" Wide Channel	43.24	18.75
		For >100 To 250, Deduct	*-1.88*	
		For >250 To 500, Deduct	*-2.96*	
		For >500 To 1,000, Deduct	*-4.66*	
		For >1,000, Deduct	*-6.37*	
		For 304 Stainless Steel, Add	*51.96*	
		For 316 Stainless Steel, Add	*58.34*	
		For Aluminum, Add	*3.28*	
		For Galvanized Steel, Add	*11.30*	
05 12 23 00-0531	LF	C7 x 14.75 - 7" Wide Channel	52.07	22.59
		For >100 To 250, Deduct	*-2.26*	
		For >250 To 500, Deduct	*-3.56*	
		For >500 To 1,000, Deduct	*-5.62*	
		For >1,000, Deduct	*-7.67*	
		For 304 Stainless Steel, Add	*62.56*	
		For 316 Stainless Steel, Add	*70.24*	
		For Aluminum, Add	*3.95*	
		For Galvanized Steel, Add	*13.61*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0532	LF	C8 x 11.5 - 8" Wide Channel	39.13	16.51
		For >100 To 250, Deduct	*-1.65*	
		For >250 To 500, Deduct	*-2.63*	
		For >500 To 1,000, Deduct	*-4.16*	
		For >1,000, Deduct	*-5.69*	
		For 304 Stainless Steel, Add	*48.79*	
		For 316 Stainless Steel, Add	*54.78*	
		For Aluminum, Add	*3.08*	
		For Galvanized Steel, Add	*10.61*	
05 12 23 00-0533	LF	C8 x 13.75 - 8" Wide Channel	46.79	19.74
		For >100 To 250, Deduct	*-1.97*	
		For >250 To 500, Deduct	*-3.14*	
		For >500 To 1,000, Deduct	*-4.97*	
		For >1,000, Deduct	*-6.80*	
		For 304 Stainless Steel, Add	*58.34*	
		For 316 Stainless Steel, Add	*65.50*	
		For Aluminum, Add	*3.68*	
		For Galvanized Steel, Add	*12.69*	
05 12 23 00-0534	LF	C8 x 18.75 - 8" Wide Channel	63.80	26.92
		For >100 To 250, Deduct	*-2.69*	
		For >250 To 500, Deduct	*-4.29*	
		For >500 To 1,000, Deduct	*-6.78*	
		For >1,000, Deduct	*-9.27*	
		For 304 Stainless Steel, Add	*79.54*	
		For 316 Stainless Steel, Add	*89.31*	
		For Aluminum, Add	*5.02*	
		For Galvanized Steel, Add	*17.30*	
05 12 23 00-0535	LF	C9 x 13.4 - 9" Wide Channel	45.60	19.24
		For >100 To 250, Deduct	*-1.92*	
		For >250 To 500, Deduct	*-3.06*	
		For >500 To 1,000, Deduct	*-4.85*	
		For >1,000, Deduct	*-6.63*	
		For 304 Stainless Steel, Add	*56.86*	
		For 316 Stainless Steel, Add	*63.84*	
		For Aluminum, Add	*3.59*	
		For Galvanized Steel, Add	*12.37*	
05 12 23 00-0536	LF	C9 x 15 - 9" Wide Channel	51.03	21.53
		For >100 To 250, Deduct	*-2.15*	
		For >250 To 500, Deduct	*-3.43*	
		For >500 To 1,000, Deduct	*-5.42*	
		For >1,000, Deduct	*-7.41*	
		For 304 Stainless Steel, Add	*63.64*	
		For 316 Stainless Steel, Add	*71.46*	
		For Aluminum, Add	*4.02*	
		For Galvanized Steel, Add	*13.84*	
05 12 23 00-0537	LF	C9 x 20 - 9" Wide Channel	68.06	28.70
		For >100 To 250, Deduct	*-2.87*	
		For >250 To 500, Deduct	*-4.57*	
		For >500 To 1,000, Deduct	*-7.23*	
		For >1,000, Deduct	*-9.89*	
		For 304 Stainless Steel, Add	*84.84*	
		For 316 Stainless Steel, Add	*95.26*	
		For Aluminum, Add	*5.36*	
		For Galvanized Steel, Add	*18.46*	
05 12 23 00-0538	LF	C10 x 15.3 - 10" Wide Channel	52.05	21.96
		For >100 To 250, Deduct	*-2.20*	
		For >250 To 500, Deduct	*-3.50*	
		For >500 To 1,000, Deduct	*-5.53*	
		For >1,000, Deduct	*-7.56*	
		For 304 Stainless Steel, Add	*64.89*	
		For 316 Stainless Steel, Add	*72.86*	
		For Aluminum, Add	*4.10*	
		For Galvanized Steel, Add	*14.12*	
05 12 23 00-0539	LF	C10 x 20 - 10" Wide Channel	68.06	28.70
		For >100 To 250, Deduct	*-2.87*	
		For >250 To 500, Deduct	*-4.57*	
		For >500 To 1,000, Deduct	*-7.23*	
		For >1,000, Deduct	*-9.89*	
		For 304 Stainless Steel, Add	*84.84*	
		For 316 Stainless Steel, Add	*95.26*	
		For Aluminum, Add	*5.36*	
		For Galvanized Steel, Add	*18.46*	
05 12 23 00-0540	LF	C10 x 25 - 10" Wide Channel	85.06	35.89
		For >100 To 250, Deduct	*-3.59*	
		For >250 To 500, Deduct	*-5.72*	
		For >500 To 1,000, Deduct	*-9.04*	
		For >1,000, Deduct	*-12.36*	
		For 304 Stainless Steel, Add	*106.05*	
		For 316 Stainless Steel, Add	*119.07*	
		For Aluminum, Add	*6.70*	
		For Galvanized Steel, Add	*23.07*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0541	LF	C10 x 30 - 10" Wide Channel	102.07	43.06
		For >100 To 250, Deduct	*-4.31*	
		For >250 To 500, Deduct	*-6.86*	
		For >500 To 1,000, Deduct	*-10.85*	
		For >1,000, Deduct	*-14.83*	
		For 304 Stainless Steel, Add	*127.25*	
		For 316 Stainless Steel, Add	*142.88*	
		For Aluminum, Add	*8.04*	
		For Galvanized Steel, Add	*27.68*	
05 12 23 00-0542	LF	C12 x 20.7 - 12" Wide Channel	70.43	29.72
		For >100 To 250, Deduct	*-2.97*	
		For >250 To 500, Deduct	*-4.73*	
		For >500 To 1,000, Deduct	*-7.48*	
		For >1,000, Deduct	*-10.23*	
		For 304 Stainless Steel, Add	*87.81*	
		For 316 Stainless Steel, Add	*98.59*	
		For Aluminum, Add	*5.55*	
		For Galvanized Steel, Add	*19.10*	
05 12 23 00-0543	LF	C12 x 25 - 12" Wide Channel	85.06	35.89
		For >100 To 250, Deduct	*-3.59*	
		For >250 To 500, Deduct	*-5.72*	
		For >500 To 1,000, Deduct	*-9.04*	
		For >1,000, Deduct	*-12.36*	
		For 304 Stainless Steel, Add	*106.05*	
		For 316 Stainless Steel, Add	*119.07*	
		For Aluminum, Add	*6.70*	
		For Galvanized Steel, Add	*23.07*	
05 12 23 00-0544	LF	C12 x 30 - 12" Wide Channel	102.07	43.06
		For >100 To 250, Deduct	*-4.31*	
		For >250 To 500, Deduct	*-6.86*	
		For >500 To 1,000, Deduct	*-10.85*	
		For >1,000, Deduct	*-14.83*	
		For 304 Stainless Steel, Add	*127.25*	
		For 316 Stainless Steel, Add	*142.88*	
		For Aluminum, Add	*8.04*	
		For Galvanized Steel, Add	*27.68*	
05 12 23 00-0545	LF	C15 x 33.9 - 15" Wide Channel	115.35	48.66
		For >100 To 250, Deduct	*-4.87*	
		For >250 To 500, Deduct	*-7.75*	
		For >500 To 1,000, Deduct	*-12.26*	
		For >1,000, Deduct	*-16.76*	
		For 304 Stainless Steel, Add	*143.81*	
		For 316 Stainless Steel, Add	*161.47*	
		For Aluminum, Add	*9.08*	
		For Galvanized Steel, Add	*31.29*	
05 12 23 00-0546	LF	C15 x 40 - 15" Wide Channel	136.10	57.42
		For >100 To 250, Deduct	*-5.74*	
		For >250 To 500, Deduct	*-9.14*	
		For >500 To 1,000, Deduct	*-14.46*	
		For >1,000, Deduct	*-19.78*	
		For 304 Stainless Steel, Add	*169.69*	
		For 316 Stainless Steel, Add	*190.53*	
		For Aluminum, Add	*10.72*	
		For Galvanized Steel, Add	*36.91*	
05 12 23 00-0547	LF	C15 x 50 - 15" Wide Channel	170.12	71.77
		For >100 To 250, Deduct	*-7.18*	
		For >250 To 500, Deduct	*-11.43*	
		For >500 To 1,000, Deduct	*-18.08*	
		For >1,000, Deduct	*-24.72*	
		For 304 Stainless Steel, Add	*212.10*	
		For 316 Stainless Steel, Add	*238.14*	
		For Aluminum, Add	*13.40*	
		For Galvanized Steel, Add	*46.14*	

05 12 23 00-0548 Miscellaneous Channels - MC *(05 12 23 00-0392)*

05 12 23 00-0549	LF	MC6 x 12 - 6" Wide Channel	42.46	18.45
		For >100 To 250, Deduct	*-1.85*	
		For >250 To 500, Deduct	*-2.91*	
		For >500 To 1,000, Deduct	*-4.58*	
		For >1,000, Deduct	*-6.26*	
		For 304 Stainless Steel, Add	*50.90*	
		For 316 Stainless Steel, Add	*57.15*	
		For Aluminum, Add	*3.21*	
		For Galvanized Steel, Add	*11.07*	
05 12 23 00-0550	LF	MC6 x 15.1 - 6" Wide Channel	53.43	23.21
		For >100 To 250, Deduct	*-2.32*	
		For >250 To 500, Deduct	*-3.66*	
		For >500 To 1,000, Deduct	*-5.77*	
		For >1,000, Deduct	*-7.88*	
		For 304 Stainless Steel, Add	*64.07*	
		For 316 Stainless Steel, Add	*71.94*	
		For Aluminum, Add	*4.05*	
		For Galvanized Steel, Add	*13.94*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0551	LF	MC6 x 15.3 - 6" Wide Channel	54.13	23.52
		For >100 To 250, Deduct	*-2.35*	
		For >250 To 500, Deduct	*-3.71*	
		For >500 To 1,000, Deduct	*-5.84*	
		For >1,000, Deduct	*-7.98*	
		For 304 Stainless Steel, Add	*64.89*	
		For 316 Stainless Steel, Add	*72.86*	
		For Aluminum, Add	*4.10*	
		For Galvanized Steel, Add	*14.12*	
05 12 23 00-0552	LF	MC6 x 16.3 - 6" Wide Channel	57.68	25.05
		For >100 To 250, Deduct	*-2.51*	
		For >250 To 500, Deduct	*-3.95*	
		For >500 To 1,000, Deduct	*-6.23*	
		For >1,000, Deduct	*-8.50*	
		For 304 Stainless Steel, Add	*69.14*	
		For 316 Stainless Steel, Add	*77.63*	
		For Aluminum, Add	*4.37*	
		For Galvanized Steel, Add	*15.04*	
05 12 23 00-0553	LF	MC6 x 18 - 6" Wide Channel	63.69	27.67
		For >100 To 250, Deduct	*-2.77*	
		For >250 To 500, Deduct	*-4.36*	
		For >500 To 1,000, Deduct	*-6.87*	
		For >1,000, Deduct	*-9.39*	
		For 304 Stainless Steel, Add	*76.35*	
		For 316 Stainless Steel, Add	*85.73*	
		For Aluminum, Add	*4.82*	
		For Galvanized Steel, Add	*16.61*	
05 12 23 00-0554	LF	MC7 x 17.6 - 7" Wide Channel	62.14	26.96
		For >100 To 250, Deduct	*-2.70*	
		For >250 To 500, Deduct	*-4.25*	
		For >500 To 1,000, Deduct	*-6.70*	
		For >1,000, Deduct	*-9.15*	
		For 304 Stainless Steel, Add	*74.67*	
		For 316 Stainless Steel, Add	*83.84*	
		For Aluminum, Add	*4.72*	
		For Galvanized Steel, Add	*16.24*	
05 12 23 00-0555	LF	MC7 x 19.1 - 7" Wide Channel	67.44	29.26
		For >100 To 250, Deduct	*-2.93*	
		For >250 To 500, Deduct	*-4.61*	
		For >500 To 1,000, Deduct	*-7.27*	
		For >1,000, Deduct	*-9.93*	
		For 304 Stainless Steel, Add	*81.03*	
		For 316 Stainless Steel, Add	*90.98*	
		For Aluminum, Add	*5.12*	
		For Galvanized Steel, Add	*17.63*	
05 12 23 00-0556	LF	MC7 x 22.7 - 7" Wide Channel	80.15	34.76
		For >100 To 250, Deduct	*-3.48*	
		For >250 To 500, Deduct	*-5.48*	
		For >500 To 1,000, Deduct	*-8.64*	
		For >1,000, Deduct	*-11.81*	
		For 304 Stainless Steel, Add	*96.30*	
		For 316 Stainless Steel, Add	*108.13*	
		For Aluminum, Add	*6.08*	
		For Galvanized Steel, Add	*20.95*	
05 12 23 00-0557	LF	MC8 x 8.5 - 8" Wide Channel	28.93	12.20
		For >100 To 250, Deduct	*-1.22*	
		For >250 To 500, Deduct	*-1.94*	
		For >500 To 1,000, Deduct	*-3.07*	
		For >1,000, Deduct	*-4.20*	
		For 304 Stainless Steel, Add	*36.05*	
		For 316 Stainless Steel, Add	*40.48*	
		For Aluminum, Add	*2.28*	
		For Galvanized Steel, Add	*7.84*	
05 12 23 00-0558	LF	MC8 x 18.7 - 8" Wide Channel	63.63	26.84
		For >100 To 250, Deduct	*-2.69*	
		For >250 To 500, Deduct	*-4.28*	
		For >500 To 1,000, Deduct	*-6.76*	
		For >1,000, Deduct	*-9.25*	
		For 304 Stainless Steel, Add	*79.32*	
		For 316 Stainless Steel, Add	*89.06*	
		For Aluminum, Add	*5.01*	
		For Galvanized Steel, Add	*17.25*	
05 12 23 00-0559	LF	MC8 x 20 - 8" Wide Channel	68.06	28.70
		For >100 To 250, Deduct	*-2.87*	
		For >250 To 500, Deduct	*-4.57*	
		For >500 To 1,000, Deduct	*-7.23*	
		For >1,000, Deduct	*-9.89*	
		For 304 Stainless Steel, Add	*84.84*	
		For 316 Stainless Steel, Add	*95.26*	
		For Aluminum, Add	*5.36*	
		For Galvanized Steel, Add	*18.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0560	LF	MC8 x 21.4 - 8" Wide Channel	72.82	30.73
		For >100 To 250, Deduct	*-3.07*	
		For >250 To 500, Deduct	*-4.89*	
		For >500 To 1,000, Deduct	*-7.74*	
		For >1,000, Deduct	*-10.58*	
		For 304 Stainless Steel, Add	*90.77*	
		For 316 Stainless Steel, Add	*101.92*	
		For Aluminum, Add	*5.73*	
		For Galvanized Steel, Add	*19.75*	
05 12 23 00-0561	LF	MC8 x 22.8 - 8" Wide Channel	77.57	32.74
		For >100 To 250, Deduct	*-3.27*	
		For >250 To 500, Deduct	*-5.21*	
		For >500 To 1,000, Deduct	*-8.24*	
		For >1,000, Deduct	*-11.27*	
		For 304 Stainless Steel, Add	*96.73*	
		For 316 Stainless Steel, Add	*108.61*	
		For Aluminum, Add	*6.11*	
		For Galvanized Steel, Add	*21.04*	
05 12 23 00-0562	LF	MC9 x 23.9 - 9" Wide Channel	81.32	34.31
		For >100 To 250, Deduct	*-3.43*	
		For >250 To 500, Deduct	*-5.46*	
		For >500 To 1,000, Deduct	*-8.64*	
		For >1,000, Deduct	*-11.82*	
		For 304 Stainless Steel, Add	*101.37*	
		For 316 Stainless Steel, Add	*113.82*	
		For Aluminum, Add	*6.40*	
		For Galvanized Steel, Add	*22.05*	
05 12 23 00-0563	LF	MC9 x 25.4 - 9" Wide Channel	86.42	36.46
		For >100 To 250, Deduct	*-3.65*	
		For >250 To 500, Deduct	*-5.81*	
		For >500 To 1,000, Deduct	*-9.18*	
		For >1,000, Deduct	*-12.56*	
		For 304 Stainless Steel, Add	*107.76*	
		For 316 Stainless Steel, Add	*120.99*	
		For Aluminum, Add	*6.81*	
		For Galvanized Steel, Add	*23.44*	
05 12 23 00-0564	LF	MC10 x 6.5 - 10" Wide Channel	22.12	9.33
		For >100 To 250, Deduct	*-0.93*	
		For >250 To 500, Deduct	*-1.49*	
		For >500 To 1,000, Deduct	*-2.35*	
		For >1,000, Deduct	*-3.22*	
		For 304 Stainless Steel, Add	*27.56*	
		For 316 Stainless Steel, Add	*30.94*	
		For Aluminum, Add	*1.74*	
		For Galvanized Steel, Add	*6.00*	
05 12 23 00-0565	LF	MC10 x 8.4 - 10" Wide Channel	28.58	12.06
		For >100 To 250, Deduct	*-1.21*	
		For >250 To 500, Deduct	*-1.92*	
		For >500 To 1,000, Deduct	*-3.04*	
		For >1,000, Deduct	*-4.15*	
		For 304 Stainless Steel, Add	*35.63*	
		For 316 Stainless Steel, Add	*40.00*	
		For Aluminum, Add	*2.25*	
		For Galvanized Steel, Add	*7.75*	
05 12 23 00-0566	LF	MC10 x 21.9 - 10" Wide Channel	74.51	31.44
		For >100 To 250, Deduct	*-3.14*	
		For >250 To 500, Deduct	*-5.01*	
		For >500 To 1,000, Deduct	*-7.92*	
		For >1,000, Deduct	*-10.83*	
		For 304 Stainless Steel, Add	*92.91*	
		For 316 Stainless Steel, Add	*104.32*	
		For Aluminum, Add	*5.87*	
		For Galvanized Steel, Add	*20.21*	
05 12 23 00-0567	LF	MC10 x 24.9 - 10" Wide Channel	84.73	35.76
		For >100 To 250, Deduct	*-3.58*	
		For >250 To 500, Deduct	*-5.69*	
		For >500 To 1,000, Deduct	*-9.00*	
		For >1,000, Deduct	*-12.31*	
		For 304 Stainless Steel, Add	*105.62*	
		For 316 Stainless Steel, Add	*118.59*	
		For Aluminum, Add	*6.67*	
		For Galvanized Steel, Add	*22.98*	
05 12 23 00-0568	LF	MC10 x 25.3 - 10" Wide Channel	86.08	36.33
		For >100 To 250, Deduct	*-3.63*	
		For >250 To 500, Deduct	*-5.78*	
		For >500 To 1,000, Deduct	*-9.15*	
		For >1,000, Deduct	*-12.51*	
		For 304 Stainless Steel, Add	*107.33*	
		For 316 Stainless Steel, Add	*120.51*	
		For Aluminum, Add	*6.78*	
		For Galvanized Steel, Add	*23.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0569	LF	MC10 x 28.3 - 10" Wide Channel	96.30	40.62
		For >100 To 250, Deduct	*-4.06*	
		For >250 To 500, Deduct	*-6.47*	
		For >500 To 1,000, Deduct	*-10.23*	
		For >1,000, Deduct	*-14.00*	
		For 304 Stainless Steel, Add	*120.04*	
		For 316 Stainless Steel, Add	*134.78*	
		For Aluminum, Add	*7.58*	
		For Galvanized Steel, Add	*26.11*	
05 12 23 00-0570	LF	MC10 x 28.5 - 10" Wide Channel	96.97	40.92
		For >100 To 250, Deduct	*-4.09*	
		For >250 To 500, Deduct	*-6.52*	
		For >500 To 1,000, Deduct	*-10.30*	
		For >1,000, Deduct	*-14.09*	
		For 304 Stainless Steel, Add	*120.90*	
		For 316 Stainless Steel, Add	*135.74*	
		For Aluminum, Add	*7.64*	
		For Galvanized Steel, Add	*26.30*	
05 12 23 00-0571	LF	MC10 x 33.6 - 10" Wide Channel	114.32	48.24
		For >100 To 250, Deduct	*-4.82*	
		For >250 To 500, Deduct	*-7.68*	
		For >500 To 1,000, Deduct	*-12.15*	
		For >1,000, Deduct	*-16.61*	
		For 304 Stainless Steel, Add	*142.53*	
		For 316 Stainless Steel, Add	*160.03*	
		For Aluminum, Add	*9.00*	
		For Galvanized Steel, Add	*31.01*	
05 12 23 00-0572	LF	MC10 x 41.1 - 10" Wide Channel	139.84	59.01
		For >100 To 250, Deduct	*-5.90*	
		For >250 To 500, Deduct	*-9.40*	
		For >500 To 1,000, Deduct	*-14.86*	
		For >1,000, Deduct	*-20.32*	
		For 304 Stainless Steel, Add	*174.36*	
		For 316 Stainless Steel, Add	*195.78*	
		For Aluminum, Add	*11.01*	
		For Galvanized Steel, Add	*37.93*	
05 12 23 00-0573	LF	MC12 x 30.9 - 12" Wide Channel	105.14	44.36
		For >100 To 250, Deduct	*-4.44*	
		For >250 To 500, Deduct	*-7.06*	
		For >500 To 1,000, Deduct	*-11.17*	
		For >1,000, Deduct	*-15.28*	
		For 304 Stainless Steel, Add	*131.07*	
		For 316 Stainless Steel, Add	*147.17*	
		For Aluminum, Add	*8.28*	
		For Galvanized Steel, Add	*28.51*	
05 12 23 00-0574	LF	MC12 x 32.9 - 12" Wide Channel	111.95	47.22
		For >100 To 250, Deduct	*-4.72*	
		For >250 To 500, Deduct	*-7.52*	
		For >500 To 1,000, Deduct	*-11.90*	
		For >1,000, Deduct	*-16.27*	
		For 304 Stainless Steel, Add	*139.56*	
		For 316 Stainless Steel, Add	*156.70*	
		For Aluminum, Add	*8.81*	
		For Galvanized Steel, Add	*30.36*	
05 12 23 00-0575	LF	MC12 x 35 - 12" Wide Channel	119.09	50.24
		For >100 To 250, Deduct	*-5.02*	
		For >250 To 500, Deduct	*-8.00*	
		For >500 To 1,000, Deduct	*-12.65*	
		For >1,000, Deduct	*-17.31*	
		For 304 Stainless Steel, Add	*148.49*	
		For 316 Stainless Steel, Add	*166.72*	
		For Aluminum, Add	*9.38*	
		For Galvanized Steel, Add	*32.30*	
05 12 23 00-0576	LF	MC12 x 37 - 12" Wide Channel	125.90	53.12
		For >100 To 250, Deduct	*-5.31*	
		For >250 To 500, Deduct	*-8.46*	
		For >500 To 1,000, Deduct	*-13.38*	
		For >1,000, Deduct	*-18.30*	
		For 304 Stainless Steel, Add	*156.95*	
		For 316 Stainless Steel, Add	*176.22*	
		For Aluminum, Add	*9.91*	
		For Galvanized Steel, Add	*34.14*	
05 12 23 00-0577	LF	MC12 x 40 - 12" Wide Channel	136.10	57.42
		For >100 To 250, Deduct	*-5.74*	
		For >250 To 500, Deduct	*-9.14*	
		For >500 To 1,000, Deduct	*-14.46*	
		For >1,000, Deduct	*-19.78*	
		For 304 Stainless Steel, Add	*169.69*	
		For 316 Stainless Steel, Add	*190.53*	
		For Aluminum, Add	*10.72*	
		For Galvanized Steel, Add	*36.91*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0578	LF	MC12 x 45 - 12" Wide Channel	153.12	64.61
		For >100 To 250, Deduct	*-6.46*	
		For >250 To 500, Deduct	*-10.29*	
		For >500 To 1,000, Deduct	*-16.27*	
		For >1,000, Deduct	*-22.25*	
		For 304 Stainless Steel, Add	*190.89*	
		For 316 Stainless Steel, Add	*214.34*	
		For Aluminum, Add	*12.06*	
		For Galvanized Steel, Add	*41.53*	
05 12 23 00-0579	LF	MC12 x 50 - 12" Wide Channel	170.12	71.78
		For >100 To 250, Deduct	*-7.18*	
		For >250 To 500, Deduct	*-11.43*	
		For >500 To 1,000, Deduct	*-18.08*	
		For >1,000, Deduct	*-24.72*	
		For 304 Stainless Steel, Add	*212.10*	
		For 316 Stainless Steel, Add	*238.14*	
		For Aluminum, Add	*13.40*	
		For Galvanized Steel, Add	*46.14*	
05 12 23 00-0580	LF	MC13 x 31.8 - 13" Wide Channel	108.20	45.65
		For >100 To 250, Deduct	*-4.57*	
		For >250 To 500, Deduct	*-7.27*	
		For >500 To 1,000, Deduct	*-11.50*	
		For >1,000, Deduct	*-15.72*	
		For 304 Stainless Steel, Add	*134.89*	
		For 316 Stainless Steel, Add	*151.46*	
		For Aluminum, Add	*8.52*	
		For Galvanized Steel, Add	*29.34*	
05 12 23 00-0581	LF	MC13 x 35 - 13" Wide Channel	119.09	50.24
		For >100 To 250, Deduct	*-5.02*	
		For >250 To 500, Deduct	*-8.00*	
		For >500 To 1,000, Deduct	*-12.65*	
		For >1,000, Deduct	*-17.31*	
		For 304 Stainless Steel, Add	*148.49*	
		For 316 Stainless Steel, Add	*166.72*	
		For Aluminum, Add	*9.38*	
		For Galvanized Steel, Add	*32.30*	
05 12 23 00-0582	LF	MC13 x 40 - 13" Wide Channel	136.10	57.42
		For >100 To 250, Deduct	*-5.74*	
		For >250 To 500, Deduct	*-9.14*	
		For >500 To 1,000, Deduct	*-14.46*	
		For >1,000, Deduct	*-19.78*	
		For 304 Stainless Steel, Add	*169.69*	
		For 316 Stainless Steel, Add	*190.53*	
		For Aluminum, Add	*10.72*	
		For Galvanized Steel, Add	*36.91*	
05 12 23 00-0583	LF	MC13 x 50 - 13" Wide Channel	170.12	71.78
		For >100 To 250, Deduct	*-7.18*	
		For >250 To 500, Deduct	*-11.43*	
		For >500 To 1,000, Deduct	*-18.08*	
		For >1,000, Deduct	*-24.72*	
		For 304 Stainless Steel, Add	*212.10*	
		For 316 Stainless Steel, Add	*238.14*	
		For Aluminum, Add	*13.40*	
		For Galvanized Steel, Add	*46.14*	
05 12 23 00-0584	LF	MC18 x 42.7 - 18" Wide Channel	145.29	61.30
		For >100 To 250, Deduct	*-6.13*	
		For >250 To 500, Deduct	*-9.76*	
		For >500 To 1,000, Deduct	*-15.44*	
		For >1,000, Deduct	*-21.11*	
		For 304 Stainless Steel, Add	*181.15*	
		For 316 Stainless Steel, Add	*203.39*	
		For Aluminum, Add	*11.44*	
		For Galvanized Steel, Add	*39.41*	
05 12 23 00-0585	LF	MC18 x 45.8 - 18" Wide Channel	155.83	65.76
		For >100 To 250, Deduct	*-6.57*	
		For >250 To 500, Deduct	*-10.47*	
		For >500 To 1,000, Deduct	*-16.56*	
		For >1,000, Deduct	*-22.64*	
		For 304 Stainless Steel, Add	*194.28*	
		For 316 Stainless Steel, Add	*218.14*	
		For Aluminum, Add	*12.27*	
		For Galvanized Steel, Add	*42.27*	
05 12 23 00-0586	LF	MC18 x 51.9 - 18" Wide Channel	176.59	74.51
		For >100 To 250, Deduct	*-7.45*	
		For >250 To 500, Deduct	*-11.87*	
		For >500 To 1,000, Deduct	*-18.76*	
		For >1,000, Deduct	*-25.66*	
		For 304 Stainless Steel, Add	*220.16*	
		For 316 Stainless Steel, Add	*247.20*	
		For Aluminum, Add	*13.91*	
		For Galvanized Steel, Add	*47.90*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0587	LF	MC18 x 58 - 18" Wide Channel	197.35	83.25
		For >100 To 250, Deduct	*-8.33*	
		For >250 To 500, Deduct	*-13.26*	
		For >500 To 1,000, Deduct	*-20.97*	
		For >1,000, Deduct	*-28.68*	
		For 304 Stainless Steel, Add	*246.04*	
		For 316 Stainless Steel, Add	*276.26*	
		For Aluminum, Add	*15.54*	
		For Galvanized Steel, Add	*53.52*	

05 12 23 00-0588 Structural Bar Tees *(05 12 23 00-0392)*

05 12 23 00-0589	LF	3/4" x 3/4" x 1/8" Structural Bar Tee	6.29	3.82
		For >100 To 250, Deduct	*-0.38*	
		For >250 To 500, Deduct	*-0.54*	
		For >500 To 1,000, Deduct	*-0.82*	
		For >1,000, Deduct	*-1.11*	
		For 304 Stainless Steel, Add	*3.42*	
		For 316 Stainless Steel, Add	*3.84*	
		For Aluminum, Add	*0.22*	
		For Galvanized Steel, Add	*0.74*	
05 12 23 00-0590	LF	1" x 1" x 1/8" Structural Bar Tee	7.65	4.50
		For >100 To 250, Deduct	*-0.45*	
		For >250 To 500, Deduct	*-0.64*	
		For >500 To 1,000, Deduct	*-0.98*	
		For >1,000, Deduct	*-1.32*	
		For 304 Stainless Steel, Add	*4.70*	
		For 316 Stainless Steel, Add	*5.28*	
		For Aluminum, Add	*0.30*	
		For Galvanized Steel, Add	*1.02*	
05 12 23 00-0591	LF	1-1/2" x 1-1/2" x 1/4" Structural Bar Tee	11.65	5.20
		For >100 To 250, Deduct	*-0.52*	
		For >250 To 500, Deduct	*-0.81*	
		For >500 To 1,000, Deduct	*-1.28*	
		For >1,000, Deduct	*-1.74*	
		For 304 Stainless Steel, Add	*13.45*	
		For 316 Stainless Steel, Add	*15.10*	
		For Aluminum, Add	*0.85*	
		For Galvanized Steel, Add	*2.93*	
05 12 23 00-0592	LF	2" x 2" x 1/4" Structural Bar Tee	16.09	6.80
		For >100 To 250, Deduct	*-0.68*	
		For >250 To 500, Deduct	*-1.08*	
		For >500 To 1,000, Deduct	*-1.71*	
		For >1,000, Deduct	*-2.34*	
		For 304 Stainless Steel, Add	*20.04*	
		For 316 Stainless Steel, Add	*22.50*	
		For Aluminum, Add	*1.27*	
		For Galvanized Steel, Add	*4.36*	
05 12 23 00-0593	LF	2-1/2" x 2-1/2" x 3/8" Structural Bar Tee	23.56	8.20
		For >100 To 250, Deduct	*-0.82*	
		For >250 To 500, Deduct	*-1.41*	
		For >500 To 1,000, Deduct	*-2.27*	
		For >1,000, Deduct	*-3.13*	
		For 304 Stainless Steel, Add	*35.97*	
		For 316 Stainless Steel, Add	*40.38*	
		For Aluminum, Add	*2.27*	
		For Galvanized Steel, Add	*7.82*	
05 12 23 00-0594	LF	3" x 3" x 3/8" Structural Bar Tee	29.15	10.50
		For >100 To 250, Deduct	*-1.05*	
		For >250 To 500, Deduct	*-1.78*	
		For >500 To 1,000, Deduct	*-2.86*	
		For >1,000, Deduct	*-3.94*	
		For 304 Stainless Steel, Add	*43.18*	
		For 316 Stainless Steel, Add	*48.48*	
		For Aluminum, Add	*2.73*	
		For Galvanized Steel, Add	*9.39*	

05 12 23 00-0595 Structural Zees *(05 12 23 00-0392)*

05 12 23 00-0596	LF	1-1/4" x 1-3/4" x 1-3/4" x 3/16" Structural Zee	13.97	5.20
		For >100 To 250, Deduct	*-0.52*	
		For >250 To 500, Deduct	*-0.87*	
		For >500 To 1,000, Deduct	*-1.39*	
		For >1,000, Deduct	*-1.91*	
		For 304 Stainless Steel, Add	*20.06*	
		For 316 Stainless Steel, Add	*22.53*	
		For Aluminum, Add	*1.27*	
		For Galvanized Steel, Add	*4.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0597	LF	2-11/16" x 3" x 2-11/16" x 1/4" Structural Zee	25.11	6.20
		For >100 To 250, Deduct	*-0.62*	
		For >250 To 500, Deduct	*-1.25*	
		For >500 To 1,000, Deduct	*-2.08*	
		For >1,000, Deduct	*-2.92*	
		For 304 Stainless Steel, Add	*47.99*	
		For 316 Stainless Steel, Add	*53.89*	
		For Aluminum, Add	*3.03*	
		For Galvanized Steel, Add	*10.44*	
05 12 23 00-0598	LF	3-1/16" x 4" x 3-1/16" x 1/4" Structural Zee	29.95	7.00
		For >100 To 250, Deduct	*-0.70*	
		For >250 To 500, Deduct	*-1.45*	
		For >500 To 1,000, Deduct	*-2.43*	
		For >1,000, Deduct	*-3.41*	
		For 304 Stainless Steel, Add	*58.74*	
		For 316 Stainless Steel, Add	*65.95*	
		For Aluminum, Add	*3.71*	
		For Galvanized Steel, Add	*12.78*	
05 12 23 00-0599	LF	3-1/4" x 5" x 3-1/4" x 5/16" Structural Zee	39.82	8.00
		For >100 To 250, Deduct	*-0.80*	
		For >250 To 500, Deduct	*-1.80*	
		For >500 To 1,000, Deduct	*-3.06*	
		For >1,000, Deduct	*-4.32*	
		For 304 Stainless Steel, Add	*83.08*	
		For 316 Stainless Steel, Add	*93.28*	
		For Aluminum, Add	*5.25*	
		For Galvanized Steel, Add	*18.07*	
05 12 23 00-0600	LF	3-1/2" x 6" x 3-1/2" x 3/8" Structural Zee	51.07	8.70
		For >100 To 250, Deduct	*-0.87*	
		For >250 To 500, Deduct	*-2.15*	
		For >500 To 1,000, Deduct	*-3.71*	
		For >1,000, Deduct	*-5.28*	
		For 304 Stainless Steel, Add	*112.46*	
		For 316 Stainless Steel, Add	*126.27*	
		For Aluminum, Add	*7.10*	
		For Galvanized Steel, Add	*24.47*	
05 12 23 00-0601		Junior I-Beams *(05 12 23 00-0392)*		
05 12 23 00-0602	LF	3" Junior I-Beam, 2.9 LB/LF	19.28	7.51
		For >100 To 250, Deduct	*-0.75*	
		For >250 To 500, Deduct	*-1.23*	
		For >500 To 1,000, Deduct	*-1.96*	
		For >1,000, Deduct	*-2.70*	
		For 304 Stainless Steel, Add	*26.45*	
		For 316 Stainless Steel, Add	*29.70*	
		For Aluminum, Add	*1.67*	
		For Galvanized Steel, Add	*5.75*	
05 12 23 00-0603	LF	4" Junior I-Beam, 3.2 LB/LF	21.19	8.20
		For >100 To 250, Deduct	*-0.82*	
		For >250 To 500, Deduct	*-1.35*	
		For >500 To 1,000, Deduct	*-2.15*	
		For >1,000, Deduct	*-2.96*	
		For 304 Stainless Steel, Add	*29.18*	
		For 316 Stainless Steel, Add	*32.77*	
		For Aluminum, Add	*1.84*	
		For Galvanized Steel, Add	*6.35*	
05 12 23 00-0604	LF	5" Junior I-Beam, 3.8 LB/LF	24.15	9.00
		For >100 To 250, Deduct	*-0.90*	
		For >250 To 500, Deduct	*-1.50*	
		For >500 To 1,000, Deduct	*-2.41*	
		For >1,000, Deduct	*-3.31*	
		For 304 Stainless Steel, Add	*34.63*	
		For 316 Stainless Steel, Add	*38.88*	
		For Aluminum, Add	*2.19*	
		For Galvanized Steel, Add	*7.53*	
05 12 23 00-0605	LF	6" Junior I-Beam, 4.4 LB/LF	27.15	9.81
		For >100 To 250, Deduct	*-0.98*	
		For >250 To 500, Deduct	*-1.66*	
		For >500 To 1,000, Deduct	*-2.67*	
		For >1,000, Deduct	*-3.67*	
		For 304 Stainless Steel, Add	*40.10*	
		For 316 Stainless Steel, Add	*45.02*	
		For Aluminum, Add	*2.53*	
		For Galvanized Steel, Add	*8.72*	
05 12 23 00-0606	LF	7" Junior I-Beam, 5.5 LB/LF	31.59	10.50
		For >100 To 250, Deduct	*-1.05*	
		For >250 To 500, Deduct	*-1.84*	
		For >500 To 1,000, Deduct	*-2.98*	
		For >1,000, Deduct	*-4.12*	
		For 304 Stainless Steel, Add	*50.13*	
		For 316 Stainless Steel, Add	*56.29*	
		For Aluminum, Add	*3.17*	
		For Galvanized Steel, Add	*10.91*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0607	LF	8" Junior I-Beam, 6.5 LB/LF	35.73	11.21
		For >100 To 250, Deduct	*-1.12*	
		For >250 To 500, Deduct	*-2.01*	
		For >500 To 1,000, Deduct	*-3.28*	
		For >1,000, Deduct	*-4.55*	
		For 304 Stainless Steel, Add	*59.25*	
		For 316 Stainless Steel, Add	*66.53*	
		For Aluminum, Add	*3.74*	
		For Galvanized Steel, Add	*12.89*	
05 12 23 00-0608	LF	10" Junior I-Beam, 9 LB/LF	45.86	12.81
		For >100 To 250, Deduct	*-1.28*	
		For >250 To 500, Deduct	*-2.43*	
		For >500 To 1,000, Deduct	*-4.00*	
		For >1,000, Deduct	*-5.57*	
		For 304 Stainless Steel, Add	*82.05*	
		For 316 Stainless Steel, Add	*92.13*	
		For Aluminum, Add	*5.18*	
		For Galvanized Steel, Add	*17.85*	
05 12 23 00-0609	LF	12" Junior I-Beam, 11.8 LB/LF	58.01	15.21
		For >100 To 250, Deduct	*-1.52*	
		For >250 To 500, Deduct	*-2.97*	
		For >500 To 1,000, Deduct	*-4.93*	
		For >1,000, Deduct	*-6.88*	
		For 304 Stainless Steel, Add	*107.56*	
		For 316 Stainless Steel, Add	*120.77*	
		For Aluminum, Add	*6.79*	
		For Galvanized Steel, Add	*23.40*	

05 12 23 00-0610 Round Stock *(05 12 23 00-0392)*

05 12 23 00-0611	LF	1/4" Carbon Steel Rounds, ASTM A108	2.87	
		For 304 Stainless Steel, Add	*4.36*	
		For 316 Stainless Steel, Add	*4.90*	
		For Aluminum, Add	*0.28*	
		For Galvanized Steel, Add	*0.95*	
05 12 23 00-0612	LF	3/8" Carbon Steel Rounds, ASTM A108	4.54	
		For 304 Stainless Steel, Add	*8.61*	
		For 316 Stainless Steel, Add	*9.66*	
		For Aluminum, Add	*0.54*	
		For Galvanized Steel, Add	*1.87*	
05 12 23 00-0613	LF	1/2" Carbon Steel Rounds, ASTM A108	6.26	
		For 304 Stainless Steel, Add	*13.08*	
		For 316 Stainless Steel, Add	*14.69*	
		For Aluminum, Add	*0.83*	
		For Galvanized Steel, Add	*2.85*	
05 12 23 00-0614	LF	5/8" Carbon Steel Rounds, ASTM A108	9.51	
		For 304 Stainless Steel, Add	*21.83*	
		For 316 Stainless Steel, Add	*24.51*	
		For Aluminum, Add	*1.38*	
		For Galvanized Steel, Add	*4.75*	
05 12 23 00-0615	LF	3/4" Carbon Steel Rounds, ASTM A108	11.31	
		For 304 Stainless Steel, Add	*25.91*	
		For 316 Stainless Steel, Add	*29.09*	
		For Aluminum, Add	*1.64*	
		For Galvanized Steel, Add	*5.64*	
05 12 23 00-0616	LF	7/8" Carbon Steel Rounds, ASTM A108	13.20	
		For 304 Stainless Steel, Add	*30.30*	
		For 316 Stainless Steel, Add	*34.02*	
		For Aluminum, Add	*1.91*	
		For Galvanized Steel, Add	*6.59*	
05 12 23 00-0617	LF	1" Carbon Steel Rounds, ASTM A108	19.22	
		For 304 Stainless Steel, Add	*46.14*	
		For 316 Stainless Steel, Add	*51.81*	
		For Aluminum, Add	*2.91*	
		For Galvanized Steel, Add	*10.04*	
05 12 23 00-0618	LF	1-1/8" Carbon Steel Rounds, ASTM A108	23.37	
		For 304 Stainless Steel, Add	*56.06*	
		For 316 Stainless Steel, Add	*62.94*	
		For Aluminum, Add	*3.54*	
		For Galvanized Steel, Add	*12.20*	
05 12 23 00-0619	LF	1-1/4" Carbon Steel Rounds, ASTM A108	27.92	
		For 304 Stainless Steel, Add	*65.98*	
		For 316 Stainless Steel, Add	*74.08*	
		For Aluminum, Add	*4.17*	
		For Galvanized Steel, Add	*14.35*	
05 12 23 00-0620	LF	1-3/8" Carbon Steel Rounds, ASTM A108	33.81	
		For 304 Stainless Steel, Add	*80.54*	
		For 316 Stainless Steel, Add	*90.43*	
		For Aluminum, Add	*5.09*	
		For Galvanized Steel, Add	*17.52*	
05 12 23 00-0621	LF	1-1/2" Carbon Steel Rounds, ASTM A108	37.66	
		For 304 Stainless Steel, Add	*88.32*	
		For 316 Stainless Steel, Add	*99.17*	
		For Aluminum, Add	*5.58*	
		For Galvanized Steel, Add	*19.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0622	LF	1-5/8" Carbon Steel Rounds, ASTM A108	43.46	
		For 304 Stainless Steel, Add	*100.09*	
		For 316 Stainless Steel, Add	*112.38*	
		For Aluminum, Add	*6.32*	
		For Galvanized Steel, Add	*21.77*	
05 12 23 00-0623	LF	1-3/4" Carbon Steel Rounds, ASTM A108	52.00	
		For 304 Stainless Steel, Add	*116.51*	
		For 316 Stainless Steel, Add	*130.82*	
		For Aluminum, Add	*7.36*	
		For Galvanized Steel, Add	*25.35*	
05 12 23 00-0624	LF	1-7/8" Carbon Steel Rounds, ASTM A108	62.56	
		For 304 Stainless Steel, Add	*136.46*	
		For 316 Stainless Steel, Add	*153.22*	
		For Aluminum, Add	*8.62*	
		For Galvanized Steel, Add	*29.69*	
05 12 23 00-0625	LF	2" Carbon Steel Rounds, ASTM A108	71.30	
		For 304 Stainless Steel, Add	*151.79*	
		For 316 Stainless Steel, Add	*170.43*	
		For Aluminum, Add	*9.59*	
		For Galvanized Steel, Add	*33.02*	
05 12 23 00-0626	LF	2-1/8" Carbon Steel Rounds, ASTM A108	83.24	
		For 304 Stainless Steel, Add	*173.37*	
		For 316 Stainless Steel, Add	*194.66*	
		For Aluminum, Add	*10.95*	
		For Galvanized Steel, Add	*37.71*	
05 12 23 00-0627	LF	2-1/4" Carbon Steel Rounds, ASTM A108	94.15	
		For 304 Stainless Steel, Add	*194.91*	
		For 316 Stainless Steel, Add	*218.85*	
		For Aluminum, Add	*12.31*	
		For Galvanized Steel, Add	*42.40*	
05 12 23 00-0628	LF	2-3/8" Carbon Steel Rounds, ASTM A108	107.86	
		For 304 Stainless Steel, Add	*222.96*	
		For 316 Stainless Steel, Add	*250.34*	
		For Aluminum, Add	*14.08*	
		For Galvanized Steel, Add	*48.50*	
05 12 23 00-0629	LF	2-1/2" Carbon Steel Rounds, ASTM A108	119.10	
		For 304 Stainless Steel, Add	*240.28*	
		For 316 Stainless Steel, Add	*269.79*	
		For Aluminum, Add	*15.18*	
		For Galvanized Steel, Add	*52.27*	
05 12 23 00-0630	LF	2-5/8" Carbon Steel Rounds, ASTM A108	145.74	
		For 304 Stainless Steel, Add	*305.21*	
		For 316 Stainless Steel, Add	*342.69*	
		For Aluminum, Add	*19.28*	
		For Galvanized Steel, Add	*66.40*	
05 12 23 00-0631	LF	2-3/4" Carbon Steel Rounds, ASTM A108	165.93	
		For 304 Stainless Steel, Add	*348.04*	
		For 316 Stainless Steel, Add	*390.78*	
		For Aluminum, Add	*21.98*	
		For Galvanized Steel, Add	*75.71*	
05 12 23 00-0632	LF	2-7/8 Carbon Steel Rounds, ASTM A108	185.05	
		For 304 Stainless Steel, Add	*387.86*	
		For 316 Stainless Steel, Add	*435.49*	
		For Aluminum, Add	*24.50*	
		For Galvanized Steel, Add	*84.38*	
05 12 23 00-0633	LF	3" Carbon Steel Rounds, ASTM A108	194.29	
		For 304 Stainless Steel, Add	*399.48*	
		For 316 Stainless Steel, Add	*448.54*	
		For Aluminum, Add	*25.23*	
		For Galvanized Steel, Add	*86.91*	
05 12 23 00-0634	LF	3-1/8" Carbon Steel Rounds, ASTM A108	202.55	
		For 304 Stainless Steel, Add	*408.35*	
		For 316 Stainless Steel, Add	*458.50*	
		For Aluminum, Add	*25.79*	
		For Galvanized Steel, Add	*88.83*	
05 12 23 00-0635	LF	3-1/4" Carbon Steel Rounds, ASTM A108	213.54	
		For 304 Stainless Steel, Add	*424.99*	
		For 316 Stainless Steel, Add	*477.18*	
		For Aluminum, Add	*26.84*	
		For Galvanized Steel, Add	*92.45*	
05 12 23 00-0636	LF	3-1/2" Carbon Steel Rounds, ASTM A108	260.08	
		For 304 Stainless Steel, Add	*539.25*	
		For 316 Stainless Steel, Add	*605.47*	
		For Aluminum, Add	*34.06*	
		For Galvanized Steel, Add	*117.31*	
05 12 23 00-0637	LF	3-5/8" Carbon Steel Rounds, ASTM A108	288.98	
		For 304 Stainless Steel, Add	*603.26*	
		For 316 Stainless Steel, Add	*677.34*	
		For Aluminum, Add	*38.10*	
		For Galvanized Steel, Add	*131.24*	
05 12 23 00-0638	LF	3-3/4" Carbon Steel Rounds, ASTM A108	310.18	
		For 304 Stainless Steel, Add	*645.30*	
		For 316 Stainless Steel, Add	*724.54*	
		For Aluminum, Add	*40.76*	
		For Galvanized Steel, Add	*140.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0639	LF	4" Carbon Steel Rounds, ASTM A108	347.98	
		For 304 Stainless Steel, Add	*734.70*	
		For 316 Stainless Steel, Add	*824.93*	
		For Aluminum, Add	*46.40*	
		For Galvanized Steel, Add	*159.83*	

05 12 23 00-0640 Square Stock *(05 12 23 00-0392)*

05 12 23 00-0641	LF	3/8" Square Bar Stock	2.23	
		For 304 Stainless Steel, Add	*2.02*	
		For 316 Stainless Steel, Add	*2.27*	
		For Aluminum, Add	*0.13*	
		For Galvanized Steel, Add	*0.44*	
05 12 23 00-0642	LF	1/2" Square Bar Stock	2.93	
		For 304 Stainless Steel, Add	*3.59*	
		For 316 Stainless Steel, Add	*4.03*	
		For Aluminum, Add	*0.23*	
		For Galvanized Steel, Add	*0.78*	
05 12 23 00-0643	LF	5/8" Square Bar Stock	3.81	
		For 304 Stainless Steel, Add	*5.59*	
		For 316 Stainless Steel, Add	*6.27*	
		For Aluminum, Add	*0.35*	
		For Galvanized Steel, Add	*1.22*	
05 12 23 00-0644	LF	3/4" Square Bar Stock	5.05	
		For 304 Stainless Steel, Add	*8.07*	
		For 316 Stainless Steel, Add	*9.06*	
		For Aluminum, Add	*0.51*	
		For Galvanized Steel, Add	*1.75*	
05 12 23 00-0645	LF	7/8" Square Bar Stock	6.52	
		For 304 Stainless Steel, Add	*11.26*	
		For 316 Stainless Steel, Add	*12.64*	
		For Aluminum, Add	*0.71*	
		For Galvanized Steel, Add	*2.45*	
05 12 23 00-0646	LF	1" Square Bar Stock	8.08	
		For 304 Stainless Steel, Add	*14.39*	
		For 316 Stainless Steel, Add	*16.16*	
		For Aluminum, Add	*0.91*	
		For Galvanized Steel, Add	*3.13*	
05 12 23 00-0647	LF	1-1/4" Square Bar Stock	12.65	
		For 304 Stainless Steel, Add	*22.46*	
		For 316 Stainless Steel, Add	*25.22*	
		For Aluminum, Add	*1.42*	
		For Galvanized Steel, Add	*4.89*	
05 12 23 00-0648	LF	1-1/2" Square Bar Stock	18.02	
		For 304 Stainless Steel, Add	*32.35*	
		For 316 Stainless Steel, Add	*36.32*	
		For Aluminum, Add	*2.04*	
		For Galvanized Steel, Add	*7.04*	
05 12 23 00-0649	LF	1-3/4" Square Bar Stock	26.91	
		For 304 Stainless Steel, Add	*45.00*	
		For 316 Stainless Steel, Add	*50.53*	
		For Aluminum, Add	*2.84*	
		For Galvanized Steel, Add	*9.79*	
05 12 23 00-0650	LF	2" Square Bar Stock	38.87	
		For 304 Stainless Steel, Add	*57.57*	
		For 316 Stainless Steel, Add	*64.64*	
		For Aluminum, Add	*3.64*	
		For Galvanized Steel, Add	*12.52*	

05 12 23 00-0651 Steel Tubing *(05 12 23 00-0392)*

Note: General purpose low-carbon steel.

05 12 23 00-0652 Square Steel Tubing *(05 12 23 00-0651)*

05 12 23 00-0653 0.06" Wall Thickness *(05 12 23 00-0652)*

05 12 23 00-0654	LF	1/2" x 1/2" x 0.06" Square Steel Tubing	2.82	0.71
		For >100 To 250, Deduct	*-0.07*	
		For >250 To 500, Deduct	*-0.14*	
		For >500 To 1,000, Deduct	*-0.24*	
		For >1,000, Deduct	*-0.33*	
		For Galvanized Steel, Add	*1.15*	
05 12 23 00-0655	LF	3/4" x 3/4" x 0.06" Square Steel Tubing	4.34	1.13
		For >100 To 250, Deduct	*-0.11*	
		For >250 To 500, Deduct	*-0.22*	
		For >500 To 1,000, Deduct	*-0.37*	
		For >1,000, Deduct	*-0.51*	
		For Galvanized Steel, Add	*1.75*	
05 12 23 00-0656	LF	1" x 1" x 0.06" Square Steel Tubing	5.83	2.05
		For >100 To 250, Deduct	*-0.15*	
		For >250 To 500, Deduct	*-0.30*	
		For >500 To 1,000, Deduct	*-0.50*	
		For >1,000, Deduct	*-0.69*	
		For Galvanized Steel, Add	*2.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0657	LF	1-1/4" x 1-1/4" x 0.06" Square Steel Tubing	7.69	1.94
		For >100 To 250, Deduct	*-0.20*	
		For >250 To 500, Deduct	*-0.39*	
		For >500 To 1,000, Deduct	*-0.64*	
		For >1,000, Deduct	*-0.90*	
		For Galvanized Steel, Add	*3.16*	
05 12 23 00-0658	LF	1-1/2" x 1-1/2" x 0.06" Square Steel Tubing	9.12	2.35
		For >100 To 250, Deduct	*-0.24*	
		For >250 To 500, Deduct	*-0.46*	
		For >500 To 1,000, Deduct	*-0.77*	
		For >1,000, Deduct	*-1.08*	
		For Galvanized Steel, Add	*3.71*	
05 12 23 00-0659		**0.083" Wall Thickness** *(05 12 23 00-0652)*		
05 12 23 00-0660	LF	3/4" x 3/4" x 0.083" Square Steel Tubing	5.04	1.32
		For >100 To 250, Deduct	*-0.13*	
		For >250 To 500, Deduct	*-0.26*	
		For >500 To 1,000, Deduct	*-0.43*	
		For >1,000, Deduct	*-0.60*	
		For Galvanized Steel, Add	*2.03*	
05 12 23 00-0661	LF	1" x 1" x 0.083" Square Steel Tubing	7.31	1.81
		For >100 To 250, Deduct	*-0.18*	
		For >250 To 500, Deduct	*-0.36*	
		For >500 To 1,000, Deduct	*-0.61*	
		For >1,000, Deduct	*-0.85*	
		For Galvanized Steel, Add	*3.04*	
05 12 23 00-0662	LF	1-1/4" x 1-1/4" x 0.083" Square Steel Tubing	8.87	2.30
		For >100 To 250, Deduct	*-0.23*	
		For >250 To 500, Deduct	*-0.45*	
		For >500 To 1,000, Deduct	*-0.75*	
		For >1,000, Deduct	*-1.05*	
		For Galvanized Steel, Add	*3.59*	
05 12 23 00-0663	LF	1-1/2" x 1-1/2" x 0.083" Square Steel Tubing	10.73	2.81
		For >100 To 250, Deduct	*-0.28*	
		For >250 To 500, Deduct	*-0.55*	
		For >500 To 1,000, Deduct	*-0.91*	
		For >1,000, Deduct	*-1.27*	
		For Galvanized Steel, Add	*4.33*	
05 12 23 00-0664	LF	2" x 2" x 0.083" Square Steel Tubing	13.77	3.73
		For >100 To 250, Deduct	*-0.37*	
		For >250 To 500, Deduct	*-0.72*	
		For >500 To 1,000, Deduct	*-1.19*	
		For >1,000, Deduct	*-1.66*	
		For Galvanized Steel, Add	*5.45*	
05 12 23 00-0665		**0.12" Wall Thickness** *(05 12 23 00-0652)*		
05 12 23 00-0666	LF	1" x 1" x 0.12" Square Steel Tubing	8.11	2.16
		For >100 To 250, Deduct	*-0.22*	
		For >250 To 500, Deduct	*-0.42*	
		For >500 To 1,000, Deduct	*-0.69*	
		For >1,000, Deduct	*-0.97*	
		For Galvanized Steel, Add	*3.24*	
05 12 23 00-0667	LF	1-1/4" x 1-1/4" x 0.12" Square Steel Tubing	10.44	2.77
		For >100 To 250, Deduct	*-0.28*	
		For >250 To 500, Deduct	*-0.54*	
		For >500 To 1,000, Deduct	*-0.89*	
		For >1,000, Deduct	*-1.24*	
		For Galvanized Steel, Add	*4.19*	
05 12 23 00-0668	LF	1-1/2" x 1-1/2" x 0.12" Square Steel Tubing	12.81	3.38
		For >100 To 250, Deduct	*-0.34*	
		For >250 To 500, Deduct	*-0.66*	
		For >500 To 1,000, Deduct	*-1.09*	
		For >1,000, Deduct	*-1.52*	
		For Galvanized Steel, Add	*5.15*	
05 12 23 00-0669	LF	2" x 2" x 0.12" Square Steel Tubing	17.35	4.61
		For >100 To 250, Deduct	*-0.46*	
		For >250 To 500, Deduct	*-0.90*	
		For >500 To 1,000, Deduct	*-1.48*	
		For >1,000, Deduct	*-2.07*	
		For Galvanized Steel, Add	*6.94*	
05 12 23 00-0670		**1/8" Wall Thickness** *(05 12 23 00-0652)*		
05 12 23 00-0671	LF	2" x 2" x 1/8" Square Steel Tubing	15.73	4.79
		For >100 To 250, Deduct	*-0.48*	
		For >250 To 500, Deduct	*-0.87*	
		For >500 To 1,000, Deduct	*-1.43*	
		For >1,000, Deduct	*-1.98*	
		For Galvanized Steel, Add	*5.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0672	LF	2-1/2" x 2-1/2" x 1/8" Square Steel Tubing	20.70	6.07
		For >100 To 250, Deduct	*-0.61*	
		For >250 To 500, Deduct	*-1.12*	
		For >500 To 1,000, Deduct	*-1.84*	
		For >1,000, Deduct	*-2.56*	
		For Galvanized Steel, Add	*7.82*	
05 12 23 00-0673	LF	3" x 3" x 1/8" Square Steel Tubing	24.29	7.34
		For >100 To 250, Deduct	*-0.73*	
		For >250 To 500, Deduct	*-1.34*	
		For >500 To 1,000, Deduct	*-2.19*	
		For >1,000, Deduct	*-3.05*	
		For Galvanized Steel, Add	*8.99*	
05 12 23 00-0674	LF	3-1/2" x 3-1/2" x 1/8" Square Steel Tubing	28.16	8.62
		For >100 To 250, Deduct	*-0.86*	
		For >250 To 500, Deduct	*-1.57*	
		For >500 To 1,000, Deduct	*-2.56*	
		For >1,000, Deduct	*-3.55*	
		For Galvanized Steel, Add	*10.34*	
05 12 23 00-0675	LF	4" x 4" x 1/8" Square Steel Tubing	31.10	9.90
		For >100 To 250, Deduct	*-0.99*	
		For >250 To 500, Deduct	*-1.77*	
		For >500 To 1,000, Deduct	*-2.88*	
		For >1,000, Deduct	*-3.98*	
		For Galvanized Steel, Add	*11.10*	
05 12 23 00-0676		**3/16" Wall Thickness** *(05 12 23 00-0652)*		
05 12 23 00-0677	LF	2" x 2" x 3/16" Square Steel Tubing	17.82	5.40
		For >100 To 250, Deduct	*-0.54*	
		For >250 To 500, Deduct	*-0.99*	
		For >500 To 1,000, Deduct	*-1.61*	
		For >1,000, Deduct	*-2.24*	
		For Galvanized Steel, Add	*6.58*	
05 12 23 00-0678	LF	2-1/2" x 2-1/2" x 3/16" Square Steel Tubing	23.08	6.99
		For >100 To 250, Deduct	*-0.70*	
		For >250 To 500, Deduct	*-1.28*	
		For >500 To 1,000, Deduct	*-2.09*	
		For >1,000, Deduct	*-2.90*	
		For Galvanized Steel, Add	*8.53*	
05 12 23 00-0679	LF	3" x 3" x 3/16" Square Steel Tubing	28.36	8.59
		For >100 To 250, Deduct	*-0.86*	
		For >250 To 500, Deduct	*-1.57*	
		For >500 To 1,000, Deduct	*-2.56*	
		For >1,000, Deduct	*-3.56*	
		For Galvanized Steel, Add	*10.48*	
05 12 23 00-0680	LF	3-1/2" x 3-1/2" x 3/16" Square Steel Tubing	33.63	10.19
		For >100 To 250, Deduct	*-1.02*	
		For >250 To 500, Deduct	*-1.86*	
		For >500 To 1,000, Deduct	*-3.04*	
		For >1,000, Deduct	*-4.22*	
		For Galvanized Steel, Add	*12.42*	
05 12 23 00-0681	LF	4" x 4" x 3/16" Square Steel Tubing	38.87	11.78
		For >100 To 250, Deduct	*-1.18*	
		For >250 To 500, Deduct	*-2.15*	
		For >500 To 1,000, Deduct	*-3.51*	
		For >1,000, Deduct	*-4.88*	
		For Galvanized Steel, Add	*14.37*	
05 12 23 00-0682	LF	4-1/2" x 4-1/2" x 3/16" Square Steel Tubing	44.15	13.38
		For >100 To 250, Deduct	*-1.34*	
		For >250 To 500, Deduct	*-2.44*	
		For >500 To 1,000, Deduct	*-3.99*	
		For >1,000, Deduct	*-5.54*	
		For Galvanized Steel, Add	*16.31*	
05 12 23 00-0683	LF	5" x 5" x 3/16" Square Steel Tubing	49.40	14.97
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-2.73*	
		For >500 To 1,000, Deduct	*-4.47*	
		For >1,000, Deduct	*-6.20*	
		For Galvanized Steel, Add	*18.25*	
05 12 23 00-0684	LF	6" x 6" x 3/16" Square Steel Tubing	59.96	18.17
		For >100 To 250, Deduct	*-1.82*	
		For >250 To 500, Deduct	*-3.32*	
		For >500 To 1,000, Deduct	*-5.42*	
		For >1,000, Deduct	*-7.53*	
		For Galvanized Steel, Add	*22.15*	
05 12 23 00-0685		**1/4" Wall Thickness** *(05 12 23 00-0652)*		
05 12 23 00-0686	LF	2" x 2" x 1/4" Square Steel Tubing	18.95	5.41
		For >100 To 250, Deduct	*-0.54*	
		For >250 To 500, Deduct	*-1.01*	
		For >500 To 1,000, Deduct	*-1.67*	
		For >1,000, Deduct	*-2.32*	
		For Galvanized Steel, Add	*7.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0687	LF	2-1/2" x 2-1/2" x 1/4" Square Steel Tubing	24.92	7.11
		For >100 To 250, Deduct	*-0.71*	
		For >250 To 500, Deduct	*-1.33*	
		For >500 To 1,000, Deduct	*-2.20*	
		For >1,000, Deduct	*-3.06*	
		For Galvanized Steel, Add	*9.57*	
05 12 23 00-0688	LF	3" x 3" x 1/4" Square Steel Tubing	30.87	8.81
		For >100 To 250, Deduct	*-0.88*	
		For >250 To 500, Deduct	*-1.65*	
		For >500 To 1,000, Deduct	*-2.72*	
		For >1,000, Deduct	*-3.78*	
		For Galvanized Steel, Add	*11.85*	
05 12 23 00-0689	LF	3-1/2" x 3-1/2" x 1/4" Square Steel Tubing	36.83	10.51
		For >100 To 250, Deduct	*-1.05*	
		For >250 To 500, Deduct	*-1.97*	
		For >500 To 1,000, Deduct	*-3.24*	
		For >1,000, Deduct	*-4.51*	
		For Galvanized Steel, Add	*14.14*	
05 12 23 00-0690	LF	4" x 4" x 1/4" Square Steel Tubing	42.79	12.21
		For >100 To 250, Deduct	*-1.22*	
		For >250 To 500, Deduct	*-2.29*	
		For >500 To 1,000, Deduct	*-3.77*	
		For >1,000, Deduct	*-5.25*	
		For Galvanized Steel, Add	*16.43*	
05 12 23 00-0691	LF	4-1/2" x 4-1/2" x 1/4" Square Steel Tubing	48.74	13.91
		For >100 To 250, Deduct	*-1.39*	
		For >250 To 500, Deduct	*-2.61*	
		For >500 To 1,000, Deduct	*-4.29*	
		For >1,000, Deduct	*-5.97*	
		For Galvanized Steel, Add	*18.72*	
05 12 23 00-0692	LF	5" x 5" x 1/4" Square Steel Tubing	54.74	15.62
		For >100 To 250, Deduct	*-1.56*	
		For >250 To 500, Deduct	*-2.93*	
		For >500 To 1,000, Deduct	*-4.82*	
		For >1,000, Deduct	*-6.71*	
		For Galvanized Steel, Add	*21.02*	
05 12 23 00-0693	LF	6" x 6" x 1/4" Square Steel Tubing	66.65	19.02
		For >100 To 250, Deduct	*-1.90*	
		For >250 To 500, Deduct	*-3.57*	
		For >500 To 1,000, Deduct	*-5.87*	
		For >1,000, Deduct	*-8.17*	
		For Galvanized Steel, Add	*25.59*	

05 12 23 00-0694 Rectangular Steel Tubing *(05 12 23 00-0651)*

05 12 23 00-0695 3/16" Wall Thickness *(05 12 23 00-0694)*

05 12 23 00-0696	LF	3" x 2" x 3/16" Square Steel Tubing	23.08	6.99
		For >100 To 250, Deduct	*-0.70*	
		For >250 To 500, Deduct	*-1.28*	
		For >500 To 1,000, Deduct	*-2.09*	
		For >1,000, Deduct	*-2.90*	
		For Galvanized Steel, Add	*8.53*	
05 12 23 00-0697	LF	4" x 2" x 3/16" Square Steel Tubing	28.36	8.59
		For >100 To 250, Deduct	*-0.86*	
		For >250 To 500, Deduct	*-1.57*	
		For >500 To 1,000, Deduct	*-2.56*	
		For >1,000, Deduct	*-3.56*	
		For Galvanized Steel, Add	*10.48*	
05 12 23 00-0698	LF	4" x 3" x 3/16" Square Steel Tubing	33.63	10.19
		For >100 To 250, Deduct	*-1.02*	
		For >250 To 500, Deduct	*-1.86*	
		For >500 To 1,000, Deduct	*-3.04*	
		For >1,000, Deduct	*-4.22*	
		For Galvanized Steel, Add	*12.42*	
05 12 23 00-0699	LF	5" x 2" x 3/16" Square Steel Tubing	33.63	10.19
		For >100 To 250, Deduct	*-1.02*	
		For >250 To 500, Deduct	*-1.86*	
		For >500 To 1,000, Deduct	*-3.04*	
		For >1,000, Deduct	*-4.22*	
		For Galvanized Steel, Add	*12.42*	
05 12 23 00-0700	LF	5" x 3" x 3/16" Square Steel Tubing	38.87	11.78
		For >100 To 250, Deduct	*-1.18*	
		For >250 To 500, Deduct	*-2.15*	
		For >500 To 1,000, Deduct	*-3.51*	
		For >1,000, Deduct	*-4.88*	
		For Galvanized Steel, Add	*14.37*	
05 12 23 00-0701	LF	5" x 4" x 3/16" Square Steel Tubing	44.15	13.38
		For >100 To 250, Deduct	*-1.34*	
		For >250 To 500, Deduct	*-2.44*	
		For >500 To 1,000, Deduct	*-3.99*	
		For >1,000, Deduct	*-5.54*	
		For Galvanized Steel, Add	*16.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0702	LF	6" x 2" x 3/16" Square Steel Tubing	38.87	11.78
		For >100 To 250, Deduct	*-1.18*	
		For >250 To 500, Deduct	*-2.15*	
		For >500 To 1,000, Deduct	*-3.51*	
		For >1,000, Deduct	*-4.88*	
		For Galvanized Steel, Add	*14.37*	
05 12 23 00-0703	LF	6" x 3" x 3/16" Square Steel Tubing	44.15	13.38
		For >100 To 250, Deduct	*-1.34*	
		For >250 To 500, Deduct	*-2.44*	
		For >500 To 1,000, Deduct	*-3.99*	
		For >1,000, Deduct	*-5.54*	
		For Galvanized Steel, Add	*16.31*	
05 12 23 00-0704	LF	6" x 4" x 3/16" Square Steel Tubing	49.40	14.97
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-2.73*	
		For >500 To 1,000, Deduct	*-4.47*	
		For >1,000, Deduct	*-6.20*	
		For Galvanized Steel, Add	*18.25*	

05 12 23 00-0705 1/4" Wall Thickness *(05 12 23 00-0694)*

05 12 23 00-0706	LF	3" x 2" x 1/4" Square Steel Tubing	24.92	7.11
		For >100 To 250, Deduct	*-0.71*	
		For >250 To 500, Deduct	*-1.33*	
		For >500 To 1,000, Deduct	*-2.20*	
		For >1,000, Deduct	*-3.06*	
		For Galvanized Steel, Add	*9.57*	
05 12 23 00-0707	LF	4" x 2" x 1/4" Square Steel Tubing	30.87	8.81
		For >100 To 250, Deduct	*-0.88*	
		For >250 To 500, Deduct	*-1.65*	
		For >500 To 1,000, Deduct	*-2.72*	
		For >1,000, Deduct	*-3.78*	
		For Galvanized Steel, Add	*11.85*	
05 12 23 00-0708	LF	4" x 3" x 1/4" Square Steel Tubing	36.83	10.51
		For >100 To 250, Deduct	*-1.05*	
		For >250 To 500, Deduct	*-1.97*	
		For >500 To 1,000, Deduct	*-3.24*	
		For >1,000, Deduct	*-4.51*	
		For Galvanized Steel, Add	*14.14*	
05 12 23 00-0709	LF	5" x 2" x 1/4" Square Steel Tubing	36.83	10.51
		For >100 To 250, Deduct	*-1.05*	
		For >250 To 500, Deduct	*-1.97*	
		For >500 To 1,000, Deduct	*-3.24*	
		For >1,000, Deduct	*-4.51*	
		For Galvanized Steel, Add	*14.14*	
05 12 23 00-0710	LF	5" x 3" x 1/4" Square Steel Tubing	42.79	12.21
		For >100 To 250, Deduct	*-1.22*	
		For >250 To 500, Deduct	*-2.29*	
		For >500 To 1,000, Deduct	*-3.77*	
		For >1,000, Deduct	*-5.25*	
		For Galvanized Steel, Add	*16.43*	
05 12 23 00-0711	LF	5" x 4" x 1/4" Square Steel Tubing	48.74	13.91
		For >100 To 250, Deduct	*-1.39*	
		For >250 To 500, Deduct	*-2.61*	
		For >500 To 1,000, Deduct	*-4.29*	
		For >1,000, Deduct	*-5.97*	
		For Galvanized Steel, Add	*18.72*	
05 12 23 00-0712	LF	6" x 2" x 1/4" Square Steel Tubing	42.79	12.21
		For >100 To 250, Deduct	*-1.22*	
		For >250 To 500, Deduct	*-2.29*	
		For >500 To 1,000, Deduct	*-3.77*	
		For >1,000, Deduct	*-5.25*	
		For Galvanized Steel, Add	*16.43*	
05 12 23 00-0713	LF	6" x 3" x 1/4" Square Steel Tubing	48.74	13.91
		For >100 To 250, Deduct	*-1.39*	
		For >250 To 500, Deduct	*-2.61*	
		For >500 To 1,000, Deduct	*-4.29*	
		For >1,000, Deduct	*-5.97*	
		For Galvanized Steel, Add	*18.72*	
05 12 23 00-0714	LF	6" x 4" x 1/4" Square Steel Tubing	54.74	15.62
		For >100 To 250, Deduct	*-1.56*	
		For >250 To 500, Deduct	*-2.93*	
		For >500 To 1,000, Deduct	*-4.82*	
		For >1,000, Deduct	*-6.71*	
		For Galvanized Steel, Add	*21.02*	

05 12 23 00-0715 Round Steel Tubing *(05 12 23 00-0651)*

05 12 23 00-0716 0.065" Wall Thickness *(05 12 23 00-0715)*

05 12 23 00-0717	LF	1" Diameter x 0.065" Round Steel Tubing	5.03	1.30
		For >100 To 250, Deduct	*-0.13*	
		For >250 To 500, Deduct	*-0.26*	
		For >500 To 1,000, Deduct	*-0.42*	
		For >1,000, Deduct	*-0.59*	
		For Galvanized Steel, Add	*2.05*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0718	LF	1-1/4" Diameter x 0.065" Round Steel Tubing	6.37	1.65
		For >100 To 250, Deduct	*-0.16*	
		For >250 To 500, Deduct	*-0.32*	
		For >500 To 1,000, Deduct	*-0.54*	
		For >1,000, Deduct	*-0.75*	
		For Galvanized Steel, Add	*2.59*	
05 12 23 00-0719	LF	1-1/2" Diameter x 0.065" Round Steel Tubing	7.72	1.99
		For >100 To 250, Deduct	*-0.20*	
		For >250 To 500, Deduct	*-0.39*	
		For >500 To 1,000, Deduct	*-0.65*	
		For >1,000, Deduct	*-0.91*	
		For Galvanized Steel, Add	*3.14*	
05 12 23 00-0720	LF	2" Diameter x 0.065" Round Steel Tubing	10.41	2.69
		For >100 To 250, Deduct	*-0.27*	
		For >250 To 500, Deduct	*-0.53*	
		For >500 To 1,000, Deduct	*-0.88*	
		For >1,000, Deduct	*-1.23*	
		For Galvanized Steel, Add	*4.23*	
05 12 23 00-0721	LF	2-1/2" Diameter x 0.065" Round Steel Tubing	13.10	3.38
		For >100 To 250, Deduct	*-0.34*	
		For >250 To 500, Deduct	*-0.67*	
		For >500 To 1,000, Deduct	*-1.11*	
		For >1,000, Deduct	*-1.55*	
		For Galvanized Steel, Add	*5.33*	
05 12 23 00-0722	LF	3" Diameter x 0.065" Round Steel Tubing	15.79	4.07
		For >100 To 250, Deduct	*-0.41*	
		For >250 To 500, Deduct	*-0.80*	
		For >500 To 1,000, Deduct	*-1.33*	
		For >1,000, Deduct	*-1.86*	
		For Galvanized Steel, Add	*6.42*	
05 12 23 00-0723	LF	3-1/2" Diameter x 0.065" Round Steel Tubing	18.49	4.77
		For >100 To 250, Deduct	*-0.48*	
		For >250 To 500, Deduct	*-0.94*	
		For >500 To 1,000, Deduct	*-1.56*	
		For >1,000, Deduct	*-2.18*	
		For Galvanized Steel, Add	*7.52*	
05 12 23 00-0724	LF	4" Diameter x 0.065" Round Steel Tubing	21.18	5.46
		For >100 To 250, Deduct	*-0.55*	
		For >250 To 500, Deduct	*-1.08*	
		For >500 To 1,000, Deduct	*-1.79*	
		For >1,000, Deduct	*-2.50*	
		For Galvanized Steel, Add	*8.61*	

05 12 23 00-0725 0.083" Wall Thickness *(05 12 23 00-0715)*

05 12 23 00-0726	LF	1" Diameter x 0.083" Round Steel Tubing	5.47	1.42
		For >100 To 250, Deduct	*-0.14*	
		For >250 To 500, Deduct	*-0.28*	
		For >500 To 1,000, Deduct	*-0.46*	
		For >1,000, Deduct	*-0.65*	
		For Galvanized Steel, Add	*2.21*	
05 12 23 00-0727	LF	1-1/4" Diameter x 0.083" Round Steel Tubing	6.95	1.81
		For >100 To 250, Deduct	*-0.18*	
		For >250 To 500, Deduct	*-0.35*	
		For >500 To 1,000, Deduct	*-0.59*	
		For >1,000, Deduct	*-0.82*	
		For Galvanized Steel, Add	*2.81*	
05 12 23 00-0728	LF	1-1/2" Diameter x 0.083" Round Steel Tubing	8.45	2.20
		For >100 To 250, Deduct	*-0.22*	
		For >250 To 500, Deduct	*-0.43*	
		For >500 To 1,000, Deduct	*-0.72*	
		For >1,000, Deduct	*-1.00*	
		For Galvanized Steel, Add	*3.42*	
05 12 23 00-0729	LF	2" Diameter x 0.083" Round Steel Tubing	11.42	2.98
		For >100 To 250, Deduct	*-0.30*	
		For >250 To 500, Deduct	*-0.58*	
		For >500 To 1,000, Deduct	*-0.97*	
		For >1,000, Deduct	*-1.35*	
		For Galvanized Steel, Add	*4.63*	
05 12 23 00-0730	LF	2-1/2" Diameter x 0.083" Round Steel Tubing	14.41	3.75
		For >100 To 250, Deduct	*-0.38*	
		For >250 To 500, Deduct	*-0.74*	
		For >500 To 1,000, Deduct	*-1.22*	
		For >1,000, Deduct	*-1.71*	
		For Galvanized Steel, Add	*5.83*	
05 12 23 00-0731	LF	3" Diameter x 0.083" Round Steel Tubing	17.40	4.53
		For >100 To 250, Deduct	*-0.45*	
		For >250 To 500, Deduct	*-0.89*	
		For >500 To 1,000, Deduct	*-1.47*	
		For >1,000, Deduct	*-2.06*	
		For Galvanized Steel, Add	*7.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0732	LF	3-1/2" Diameter x 0.083" Round Steel Tubing	20.37	5.30
		For >100 To 250, Deduct	*-0.53*	
		For >250 To 500, Deduct	*-1.04*	
		For >500 To 1,000, Deduct	*-1.73*	
		For >1,000, Deduct	*-2.41*	
		For Galvanized Steel, Add	*8.25*	
05 12 23 00-0733	LF	4" Diameter x 0.083" Round Steel Tubing	23.36	6.08
		For >100 To 250, Deduct	*-0.61*	
		For >250 To 500, Deduct	*-1.19*	
		For >500 To 1,000, Deduct	*-1.98*	
		For >1,000, Deduct	*-2.77*	
		For Galvanized Steel, Add	*9.46*	
05 12 23 00-0734		0.125" Wall Thickness *(05 12 23 00-0715)*		
05 12 23 00-0735	LF	2" Diameter x 0.125" Round Steel Tubing	12.33	3.75
		For >100 To 250, Deduct	*-0.38*	
		For >250 To 500, Deduct	*-0.68*	
		For >500 To 1,000, Deduct	*-1.12*	
		For >1,000, Deduct	*-1.55*	
		For Galvanized Steel, Add	*4.54*	
05 12 23 00-0736	LF	2-1/2" Diameter x 0.125" Round Steel Tubing	15.63	4.76
		For >100 To 250, Deduct	*-0.48*	
		For >250 To 500, Deduct	*-0.87*	
		For >500 To 1,000, Deduct	*-1.42*	
		For >1,000, Deduct	*-1.97*	
		For Galvanized Steel, Add	*5.75*	
05 12 23 00-0737	LF	3" Diameter x 0.125" Round Steel Tubing	18.91	5.76
		For >100 To 250, Deduct	*-0.58*	
		For >250 To 500, Deduct	*-1.05*	
		For >500 To 1,000, Deduct	*-1.71*	
		For >1,000, Deduct	*-2.38*	
		For Galvanized Steel, Add	*6.96*	
05 12 23 00-0738	LF	3-1/2" Diameter x 0.125" Round Steel Tubing	22.19	6.76
		For >100 To 250, Deduct	*-0.68*	
		For >250 To 500, Deduct	*-1.23*	
		For >500 To 1,000, Deduct	*-2.01*	
		For >1,000, Deduct	*-2.79*	
		For Galvanized Steel, Add	*8.17*	
05 12 23 00-0739	LF	4" Diameter x 0.125" Round Steel Tubing	25.49	7.77
		For >100 To 250, Deduct	*-0.78*	
		For >250 To 500, Deduct	*-1.41*	
		For >500 To 1,000, Deduct	*-2.31*	
		For >1,000, Deduct	*-3.21*	
		For Galvanized Steel, Add	*9.39*	
05 12 23 00-0740		Flat Steel Bar *(05 12 23 00-0392)*		
05 12 23 00-0741		1/8" Thick *(05 12 23 00-0740)*		
05 12 23 00-0742	LF	1/8" Thick x 1" Wide Flat Steel Bar	3.89	1.87
		For Galvanized Steel, Add	*0.68*	
05 12 23 00-0743	LF	1/8" Thick x 2" Wide Flat Steel Bar	6.02	2.80
		For Galvanized Steel, Add	*1.12*	
05 12 23 00-0744	LF	1/8" Thick x 4" Wide Flat Steel Bar	9.22	3.94
		For Galvanized Steel, Add	*2.04*	
05 12 23 00-0745	LF	1/8" Thick x 6" Wide Flat Steel Bar	12.50	5.36
		For Galvanized Steel, Add	*2.76*	
05 12 23 00-0746		3/16" Thick *(05 12 23 00-0740)*		
05 12 23 00-0747	LF	3/16" Thick x 1" Wide Flat Steel Bar	5.14	2.32
		For Galvanized Steel, Add	*1.03*	
05 12 23 00-0748	LF	3/16" Thick x 2" Wide Flat Steel Bar	8.09	3.48
		For Galvanized Steel, Add	*1.77*	
05 12 23 00-0749	LF	3/16" Thick x 4" Wide Flat Steel Bar	10.84	4.00
		For Galvanized Steel, Add	*2.99*	
05 12 23 00-0750	LF	3/16" Thick x 6" Wide Flat Steel Bar	14.99	5.55
		For Galvanized Steel, Add	*4.14*	
05 12 23 00-0751		1/4" Thick *(05 12 23 00-0740)*		
05 12 23 00-0752	LF	1/4" Thick x 1" Wide Flat Steel Bar	5.32	2.45
		For Galvanized Steel, Add	*1.02*	
05 12 23 00-0753	LF	1/4" Thick x 2" Wide Flat Steel Bar	8.83	3.68
		For Galvanized Steel, Add	*2.05*	
05 12 23 00-0754	LF	1/4" Thick x 4" Wide Flat Steel Bar	12.72	4.21
		For Galvanized Steel, Add	*3.97*	
05 12 23 00-0755	LF	1/4" Thick x 6" Wide Flat Steel Bar	18.43	6.22
		For Galvanized Steel, Add	*5.64*	
05 12 23 00-0756		3/8" Thick *(05 12 23 00-0740)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0757	LF	3/8" Thick x 1" Wide Flat Steel Bar	6.71	2.76
		For Galvanized Steel, Add	*1.59*	
05 12 23 00-0758	LF	3/8" Thick x 2" Wide Flat Steel Bar	10.96	4.13
		For Galvanized Steel, Add	*2.94*	
05 12 23 00-0759	LF	3/8" Thick x 4" Wide Flat Steel Bar	16.57	4.72
		For Galvanized Steel, Add	*5.88*	
05 12 23 00-0760	LF	3/8" Thick x 6" Wide Flat Steel Bar	23.85	6.99
		For Galvanized Steel, Add	*8.27*	
05 12 23 00-0761		**1/2" Thick** *(05 12 23 00-0740)*		
05 12 23 00-0762	LF	1/2" Thick x 1" Wide Flat Steel Bar	7.85	3.03
		For Galvanized Steel, Add	*2.04*	
05 12 23 00-0763	LF	1/2" Thick x 2" Wide Flat Steel Bar	12.89	4.56
		For Galvanized Steel, Add	*3.75*	
05 12 23 00-0764	LF	1/2" Thick x 4" Wide Flat Steel Bar	18.12	5.19
		For Galvanized Steel, Add	*6.39*	
05 12 23 00-0765	LF	1/2" Thick x 6" Wide Flat Steel Bar	32.12	7.70
		For Galvanized Steel, Add	*12.75*	
05 12 23 00-0766		**Flat Steel Plate** *(05 12 23 00-0392)*		
05 12 23 00-0767	SF	1/8" Thick Flat Steel Plate	19.83	8.05
		For 304 Stainless Steel, Add	*22.12*	
		For 316 Stainless Steel, Add	*24.83*	
		For Aluminum, Add	*1.40*	
		For Galvanized Steel, Add	*4.81*	
05 12 23 00-0768	SF	3/16" Thick Flat Steel Plate	22.21	8.32
		For 304 Stainless Steel, Add	*27.67*	
		For 316 Stainless Steel, Add	*31.07*	
		For Aluminum, Add	*1.75*	
		For Galvanized Steel, Add	*6.02*	
05 12 23 00-0769	SF	1/4" Thick Flat Steel Plate	26.38	9.33
		For 304 Stainless Steel, Add	*35.28*	
		For 316 Stainless Steel, Add	*39.62*	
		For Aluminum, Add	*2.23*	
		For Galvanized Steel, Add	*7.68*	
05 12 23 00-0770	SF	3/8" Thick Flat Steel Plate	35.18	10.50
		For 304 Stainless Steel, Add	*55.38*	
		For 316 Stainless Steel, Add	*62.18*	
		For Aluminum, Add	*3.50*	
		For Galvanized Steel, Add	*12.05*	
05 12 23 00-0771	SF	1/2" Thick Flat Steel Plate	41.53	11.54
		For 304 Stainless Steel, Add	*69.00*	
		For 316 Stainless Steel, Add	*77.47*	
		For Aluminum, Add	*4.36*	
		For Galvanized Steel, Add	*15.01*	
05 12 23 00-0772	SF	3/4" Thick Flat Steel Plate	67.06	14.30
		For 304 Stainless Steel, Add	*129.39*	
		For 316 Stainless Steel, Add	*145.28*	
		For Aluminum, Add	*8.17*	
		For Galvanized Steel, Add	*28.15*	
05 12 23 00-0773	SF	1" Thick Flat Steel Plate	89.23	17.87
		For 304 Stainless Steel, Add	*177.16*	
		For 316 Stainless Steel, Add	*198.91*	
		For Aluminum, Add	*11.19*	
		For Galvanized Steel, Add	*38.54*	

05 14 Structural Aluminum Framing *(05 10)*

05 14 13 Architecturally-Exposed Structural Aluminum Framing *(05 14)*

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 14 13 00-0001		**Rolled Or Plate Shapes** *(05 14 13)*		
		Note: 1" through 10" member.		
05 14 13 00-0002	LB	Structural Aluminum, Up To 2,000 LB / Order 1" To 10" Rolled / Plate Structural Members	9.68	1.00
05 14 13 00-0003	LB	Structural Aluminum, >2,000 - 9,999 LB / Order 1" To 10" Rolled / Plate Structural Members	8.53	0.93
05 14 13 00-0004		**Aluminum Extrusions** *(05 14 13)*		
05 14 13 00-0005	LB	Aluminum Extrusions, Stock Shapes 1" To 10" Rolled / Plate Structural Members	16.12	4.17
05 14 13 00-0006	LB	Aluminum Extrusions, Custom Shapes 1" To 10" Rolled / Plate Structural Members	17.04	4.17
05 14 13 00-0007		**Aluminum Tubing** *(05 14 13)*		
05 14 13 00-0008	LB	Aluminum Extrusions, Tubular Shapes 1" To 10" Rolled / Plate Structural Members	14.67	2.73
05 14 13 00-0009	LF	1" x 1" Aluminum Tubing, 1/8" Wall Thickness	13.76	4.45
05 14 13 00-0010	LF	1-1/4" x 1-1/4" Aluminum Tubing, 1/8" Wall Thickness	16.48	4.85
05 14 13 00-0011	LF	1-1/2" x 1-1/2" Aluminum Tubing, 1/8" Wall Thickness	18.96	5.66
05 14 13 00-0012	LF	2" x 2" Aluminum Tubing, 1/8" Wall Thickness	22.36	6.08
05 14 13 00-0013	LF	4" x 4" Aluminum Tubing, 1/4" Wall Thickness	62.38	7.70
05 14 13 00-0014	LF	2" x 5" Aluminum Tubing, 1/4" Wall Thickness	51.26	6.88

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 14 13 00-0015		**Columns** *(05 14 13)* Note: Baked on paint finish, load bearing.		
05 14 13 00-0016		**Round Columns** *(05 14 13 00-0015)*		
05 14 13 00-0017	LF	6" Diameter Aluminum Column	57.95	8.64
05 14 13 00-0018	LF	8" Diameter Aluminum Column	77.06	12.37
05 14 13 00-0019	LF	10" Diameter Aluminum Column	93.83	13.92
05 14 13 00-0020	LF	12" Diameter Aluminum Column	139.80	14.56
05 14 13 00-0021	LF	15" Diameter Aluminum Column	178.16	16.88
05 14 13 00-0022	EA	6" Diameter Aluminum Base And Cap	112.18	16.11
05 14 13 00-0023	EA	8" Diameter Aluminum Base And Cap	128.24	17.39
05 14 13 00-0024	EA	10" Diameter Aluminum Base And Cap	161.50	19.32
05 14 13 00-0025	EA	12" Diameter Aluminum Base And Cap	277.27	20.61
05 14 13 00-0026	EA	15" Diameter Aluminum Base And Cap	423.25	22.55
05 14 13 00-0027		**Octagonal Columns** *(05 14 13 00-0015)*		
05 14 13 00-0028	LF	6" Diameter Aluminum Column	64.23	8.64
05 14 13 00-0029	LF	8" Diameter Aluminum Column	87.51	12.37
05 14 13 00-0030	LF	10" Diameter Aluminum Column	107.03	13.92
05 14 13 00-0031	LF	12" Diameter Aluminum Column	161.96	14.56
05 14 13 00-0032	LF	15" Diameter Aluminum Column	207.06	16.88
05 14 13 00-0033	EA	6" Diameter Aluminum Base And Cap	128.17	16.11
05 14 13 00-0034	EA	8" Diameter Aluminum Base And Cap	146.94	17.39
05 14 13 00-0035	EA	10" Diameter Aluminum Base And Cap	186.07	19.32
05 14 13 00-0036	EA	12" Diameter Aluminum Base And Cap	324.48	20.61
05 14 13 00-0037	EA	15" Diameter Aluminum Base And Cap	498.88	22.55
05 14 13 00-0038		**Fluted Columns** *(05 14 13 00-0015)*		
05 14 13 00-0039	LF	6" Diameter Aluminum Column	71.30	8.64
05 14 13 00-0040	LF	8" Diameter Aluminum Column	96.92	12.37
05 14 13 00-0041	LF	10" Diameter Aluminum Column	118.90	13.92
05 14 13 00-0042	LF	12" Diameter Aluminum Column	181.90	14.56
05 14 13 00-0043	LF	15" Diameter Aluminum Column	233.07	16.88
05 14 13 00-0044	EA	6" Diameter Aluminum Base And Cap	142.56	16.11
05 14 13 00-0045	EA	8" Diameter Aluminum Base And Cap	163.76	17.39
05 14 13 00-0046	EA	10" Diameter Aluminum Base And Cap	208.18	19.32
05 14 13 00-0047	EA	12" Diameter Aluminum Base And Cap	366.97	20.61
05 14 13 00-0048	EA	15" Diameter Aluminum Base And Cap	566.95	22.55
05 14 13 00-0049		**Square Columns** *(05 14 13 00-0015)*		
05 14 13 00-0050	LF	6" Aluminum Column	76.13	8.64
05 14 13 00-0051	LF	8" Aluminum Column	103.35	12.37
05 14 13 00-0052	LF	10" Aluminum Column	127.03	13.92
05 14 13 00-0053	LF	12" Aluminum Column	195.54	14.56
05 14 13 00-0054	LF	15" Aluminum Column	250.86	16.88
05 14 13 00-0055	EA	6" Aluminum Base And Cap	152.41	16.11
05 14 13 00-0056	EA	8" Aluminum Base And Cap	175.26	17.39
05 14 13 00-0057	EA	10" Aluminum Base And Cap	223.30	19.32
05 14 13 00-0058	EA	12" Aluminum Base And Cap	396.03	20.61
05 14 13 00-0059	EA	15" Aluminum Base And Cap	613.50	22.55
05 14 13 00-0060		**Ornamental Or Decorative Cap And Bases** *(05 14 13 00-0015)*		
05 14 13 00-0061	EA	8" Corinthian Capital And Base	852.77	19.32
05 14 13 00-0062	EA	10" Corinthian Capital And Base	1,254.09	22.55
05 14 13 00-0063	EA	12" Corinthian Capital And Base	1,982.45	25.77
05 14 13 00-0064	EA	8" Scamozzi Capital And Base	424.84	19.32
05 14 13 00-0065	EA	10" Scamozzi Capital And Base	568.71	22.55
05 14 13 00-0066	EA	12" Scamozzi Capital And Base	1,141.20	25.77

05 15 Wire Rope Assemblies *(05 10)*

05 15 16 Steel Wire Rope Assemblies *(05 15)*

05 15 16 00-0001		**6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope** *(05 15 16)*		
05 15 16 00-0002	LF	1/4" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	1.73	0.13
		For >500, Deduct	*-0.30*	
05 15 16 00-0003	LF	5/16" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	2.33	0.13
		For >500, Deduct	*-0.39*	
05 15 16 00-0004	LF	3/8" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	2.78	0.27
		For >500, Deduct	*-0.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 15 16 00-0005	LF	7/16" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	3.36	0.27
		For >500, Deduct	*-0.53*	
05 15 16 00-0006	LF	1/2" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	3.91	0.40
		For >500, Deduct	*-0.60*	
05 15 16 00-0007	LF	9/16" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	4.80	0.53
		For >500, Deduct	*-0.72*	
05 15 16 00-0008	LF	5/8" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	5.74	0.53
		For >500, Deduct	*-0.86*	
05 15 16 00-0009	LF	3/4" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	7.97	0.94
		For >500, Deduct	*-1.17*	
05 15 16 00-0010	LF	7/8" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	10.72	1.07
		For >500, Deduct	*-1.57*	
05 15 16 00-0011	LF	1" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	13.38	1.47
		For >500, Deduct	*-1.92*	
05 15 16 00-0012	LF	1-1/8" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	16.55	1.87
		For >500, Deduct	*-2.37*	
05 15 16 00-0013	LF	1-1/4" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	20.18	2.26
		For >500, Deduct	*-2.89*	

05 15 16 00-0014 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope *(05 15 16)*

05 15 16 00-0015	LF	1/4" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	2.02	0.13
		For >500, Deduct	*-0.36*	
05 15 16 00-0016	LF	5/16" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	2.63	0.13
		For >500, Deduct	*-0.45*	
05 15 16 00-0017	LF	3/8" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	3.27	0.27
		For >500, Deduct	*-0.55*	
05 15 16 00-0018	LF	7/16" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	3.74	0.27
		For >500, Deduct	*-0.61*	
05 15 16 00-0019	LF	1/2" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	4.46	0.40
		For >500, Deduct	*-0.71*	
05 15 16 00-0020	LF	9/16" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	5.15	0.53
		For >500, Deduct	*-0.79*	
05 15 16 00-0021	LF	5/8" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	6.04	0.53
		For >500, Deduct	*-0.92*	
05 15 16 00-0022	LF	3/4" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	8.86	0.94
		For >500, Deduct	*-1.35*	
05 15 16 00-0023	LF	7/8" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	11.37	1.07
		For >500, Deduct	*-1.70*	
05 15 16 00-0024	LF	1" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	14.02	1.47
		For >500, Deduct	*-2.06*	
05 15 16 00-0025	LF	1-1/8" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	17.95	1.87
		For >500, Deduct	*-2.64*	
05 15 16 00-0026	LF	1-1/4" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	21.83	2.26
		For >500, Deduct	*-3.22*	

05 15 16 00-0027 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope *(05 15 16)*

05 15 16 00-0028	LF	1/4" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope	1.61	0.13
		For >500, Deduct	*-0.28*	
05 15 16 00-0029	LF	5/16" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope	2.19	0.13
		For >500, Deduct	*-0.37*	
05 15 16 00-0030	LF	3/8" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope	2.62	0.27
		For >500, Deduct	*-0.42*	
05 15 16 00-0031	LF	7/16" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope	3.09	0.27
		For >500, Deduct	*-0.48*	
05 15 16 00-0032	LF	1/2" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope	3.73	0.40
		For >500, Deduct	*-0.56*	
05 15 16 00-0033	LF	9/16" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope	4.72	0.53
		For >500, Deduct	*-0.71*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 15 16 00-0034	LF	5/8" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope	5.52	0.53
		For >500, Deduct	*-0.81*	
05 15 16 00-0035	LF	3/4" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope	7.77	0.94
		For >500, Deduct	*-1.13*	
05 15 16 00-0036	LF	7/8" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope	9.56	1.07
		For >500, Deduct	*-1.34*	
05 15 16 00-0037	LF	1" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope	12.16	1.47
		For >500, Deduct	*-1.68*	

05 15 16 00-0038 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope *(05 15 16)*

05 15 16 00-0039	LF	1/4" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	1.59	0.13
		For >500, Deduct	*-0.27*	
05 15 16 00-0040	LF	5/16" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	2.11	0.13
		For >500, Deduct	*-0.35*	
05 15 16 00-0041	LF	3/8" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	2.62	0.27
		For >500, Deduct	*-0.42*	
05 15 16 00-0042	LF	7/16" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	3.09	0.27
		For >500, Deduct	*-0.48*	
05 15 16 00-0043	LF	1/2" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	3.89	0.40
		For >500, Deduct	*-0.59*	
05 15 16 00-0044	LF	9/16" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	4.64	0.53
		For >500, Deduct	*-0.69*	
05 15 16 00-0045	LF	5/8" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	5.82	0.53
		For >500, Deduct	*-0.87*	
05 15 16 00-0046	LF	3/4" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	8.13	0.94
		For >500, Deduct	*-1.20*	
05 15 16 00-0047	LF	7/8" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	10.65	1.07
		For >500, Deduct	*-1.56*	
05 15 16 00-0048	LF	1" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope	13.15	1.47
		For >500, Deduct	*-1.89*	

05 15 16 00-0049 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope *(05 15 16)*

05 15 16 00-0050	LF	3/8" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	2.96	0.27
		For >500, Deduct	*-0.49*	
05 15 16 00-0051	LF	7/16" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	3.48	0.27
		For >500, Deduct	*-0.56*	
05 15 16 00-0052	LF	1/2" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	4.09	0.40
		For >500, Deduct	*-0.63*	
05 15 16 00-0053	LF	9/16" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	5.49	0.53
		For >500, Deduct	*-0.86*	
05 15 16 00-0054	LF	5/8" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	6.08	0.53
		For >500, Deduct	*-0.93*	
05 15 16 00-0055	LF	3/4" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	8.31	0.94
		For >500, Deduct	*-1.24*	
05 15 16 00-0056	LF	7/8" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	10.68	1.07
		For >500, Deduct	*-1.56*	
05 15 16 00-0057	LF	1" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	14.07	1.47
		For >500, Deduct	*-2.06*	
05 15 16 00-0058	LF	1-1/8" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	17.06	1.87
		For >500, Deduct	*-2.47*	
05 15 16 00-0059	LF	1-1/4" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	20.61	2.26
		For >500, Deduct	*-2.98*	

05 15 16 00-0060 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope *(05 15 16)*

05 15 16 00-0061	LF	3/8" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	3.03	0.27
		For >500, Deduct	*-0.50*	
05 15 16 00-0062	LF	7/16" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	3.68	0.27
		For >500, Deduct	*-0.60*	
05 15 16 00-0063	LF	1/2" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	4.36	0.40
		For >500, Deduct	*-0.69*	
05 15 16 00-0064	LF	9/16" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	6.08	0.53
		For >500, Deduct	*-0.98*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 15 16 00-0065	LF	5/8" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	6.18	0.53
		For >500, Deduct	*-0.95*	
05 15 16 00-0066	LF	3/4" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	8.50	0.94
		For >500, Deduct	*-1.28*	
05 15 16 00-0067	LF	7/8" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	11.28	1.07
		For >500, Deduct	*-1.68*	
05 15 16 00-0068	LF	1" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	14.27	1.47
		For >500, Deduct	*-2.10*	
05 15 16 00-0069		**19x7, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Rotation Resistant Wire Rope** *(05 15 16)*		
05 15 16 00-0070	LF	1/4" Diameter, 19x7, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Rotation Resistant Wire Rope	3.09	0.13
		For >500, Deduct	*-0.57*	
05 15 16 00-0071	LF	5/16" Diameter, 19x7, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Rotation Resistant Wire Rope	3.35	0.13
		For >500, Deduct	*-0.60*	
05 15 16 00-0072	LF	3/8" Diameter, 19x7, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Rotation Resistant Wire Rope	3.95	0.27
		For >500, Deduct	*-0.69*	
05 15 16 00-0073	LF	7/16" Diameter, 19x7, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Rotation Resistant Wire Rope	5.31	0.27
		For >500, Deduct	*-0.92*	
05 15 16 00-0074	LF	1/2" Diameter, 19x7, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Rotation Resistant Wire Rope	6.04	0.27
		For >500, Deduct	*-1.07*	
05 15 16 00-0075	LF	9/16" Diameter, 19x7, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Rotation Resistant Wire Rope	7.03	0.53
		For >500, Deduct	*-1.17*	
05 15 16 00-0076	LF	5/8" Diameter, 19x7, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Rotation Resistant Wire Rope	8.36	0.53
		For >500, Deduct	*-1.39*	
05 15 16 00-0077	LF	3/4" Diameter, 19x7, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Rotation Resistant Wire Rope	11.53	0.80
		For >500, Deduct	*-1.90*	
05 15 16 00-0078		**7x7, Galvanized Finish, Aircraft Cable** *(05 15 16)*		
05 15 16 00-0079	LF	1/16" Diameter, 7x7, Galvanized Finish, Aircraft Cable	0.37	0.09
		For >500, Deduct	*-0.05*	
05 15 16 00-0080	LF	3/32" Diameter, 7x7, Galvanized Finish, Aircraft Cable	0.42	0.11
		For >500, Deduct	*-0.05*	
05 15 16 00-0081	LF	1/8" Diameter, 7x7, Galvanized Finish, Aircraft Cable	0.48	0.12
		For >500, Deduct	*-0.06*	
05 15 16 00-0082	LF	5/32" Diameter, 7x7, Galvanized Finish, Aircraft Cable	0.55	0.13
		For >500, Deduct	*-0.07*	
05 15 16 00-0083	LF	3/16" Diameter, 7x7, Galvanized Finish, Aircraft Cable	0.66	0.13
		For >500, Deduct	*-0.08*	
05 15 16 00-0084		**7x19, Galvanized Finish, Aircraft Cable** *(05 15 16)*		
05 15 16 00-0085	LF	1/8" Diameter, 7x19, Galvanized Finish, Aircraft Cable	0.65	0.12
		For >500, Deduct	*-0.09*	
05 15 16 00-0086	LF	5/32" Diameter, 7x19, Galvanized Finish, Aircraft Cable	0.70	0.13
		For >500, Deduct	*-0.10*	
05 15 16 00-0087	LF	3/16" Diameter, 7x19, Galvanized Finish, Aircraft Cable	0.80	0.13
		For >500, Deduct	*-0.11*	
05 15 16 00-0088	LF	1/4" Diameter, 7x19, Galvanized Finish, Aircraft Cable	0.94	0.13
		For >500, Deduct	*-0.14*	
05 15 16 00-0089	LF	5/16" Diameter, 7x19, Galvanized Finish, Aircraft Cable	1.43	0.13
		For >500, Deduct	*-0.21*	
05 15 16 00-0090	LF	3/8" Diameter, 7x19, Galvanized Finish, Aircraft Cable	1.91	0.13
		For >500, Deduct	*-0.28*	
05 15 16 00-0091		**Heavy Duty, Galvanized Steel, Wire Rope Thimbles** *(05 15 16)*		
05 15 16 00-0092	EA	1/4" Diameter, Heavy Duty, Galvanized Steel, Wire Rope Thimble	16.75	4.00
05 15 16 00-0093	EA	5/16" Diameter, Heavy Duty, Galvanized Steel, Wire Rope Thimble	18.86	4.00
05 15 16 00-0094	EA	3/8" Diameter, Heavy Duty, Galvanized Steel, Wire Rope Thimble	21.20	4.00
05 15 16 00-0095	EA	7/16" Diameter, Heavy Duty, Galvanized Steel, Wire Rope Thimble	27.63	4.00
05 15 16 00-0096	EA	1/2" Diameter, Heavy Duty, Galvanized Steel, Wire Rope Thimble	27.66	4.00
05 15 16 00-0097	EA	9/16" Diameter, Heavy Duty, Galvanized Steel, Wire Rope Thimble	27.66	4.00
05 15 16 00-0098	EA	5/8" Diameter, Heavy Duty, Galvanized Steel, Wire Rope Thimble	29.84	4.00
05 15 16 00-0099	EA	3/4" Diameter, Heavy Duty, Galvanized Steel, Wire Rope Thimble	54.22	6.14
05 15 16 00-0100	EA	7/8" Diameter, Heavy Duty, Galvanized Steel, Wire Rope Thimble	64.06	7.47
05 15 16 00-0101	EA	1" Diameter, Heavy Duty, Galvanized Steel, Wire Rope Thimble	113.74	12.27
05 15 16 00-0102	EA	1-1/8" Diameter, Heavy Duty, Galvanized Steel, Wire Rope Thimble	163.01	16.67
05 15 16 00-0103	EA	1-1/4" Diameter, Heavy Duty, Galvanized Steel, Wire Rope Thimble	163.01	16.67

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 15 16 00-0104		**Galvanized Steel, Wire Rope Clips** *(05 15 16)*		
05 15 16 00-0105	EA	1/8" Diameter, Galvanized Steel, Wire Rope Clip	19.14	4.00
05 15 16 00-0106	EA	3/16" Diameter, Galvanized Steel, Wire Rope Clip	19.50	4.00
05 15 16 00-0107	EA	1/4" Diameter, Galvanized Steel, Wire Rope Clip	21.95	4.00
05 15 16 00-0108	EA	5/16" Diameter, Galvanized Steel, Wire Rope Clip	22.34	4.00
05 15 16 00-0109	EA	3/8" Diameter, Galvanized Steel, Wire Rope Clip	22.89	4.00
05 15 16 00-0110	EA	7/16" Diameter, Galvanized Steel, Wire Rope Clip	28.16	4.00
05 15 16 00-0111	EA	1/2" Diameter, Galvanized Steel, Wire Rope Clip	28.56	4.00
05 15 16 00-0112	EA	9/16" Diameter, Galvanized Steel, Wire Rope Clip	32.44	4.00
05 15 16 00-0113	EA	5/8" Diameter, Galvanized Steel, Wire Rope Clip	32.99	4.00
05 15 16 00-0114	EA	3/4" Diameter, Galvanized Steel, Wire Rope Clip	45.50	5.33
05 15 16 00-0115	EA	7/8" Diameter, Galvanized Steel, Wire Rope Clip	68.38	8.01
05 15 16 00-0116	EA	1" Diameter, Galvanized Steel, Wire Rope Clip	74.78	8.01
05 15 16 00-0117	EA	1-1/8" Diameter, Galvanized Steel, Wire Rope Clip	88.41	10.67
05 15 16 00-0118	EA	1-1/4" Diameter, Galvanized Steel, Wire Rope Clip	128.50	16.01
05 15 16 00-0119		**Steel, Open Swage Sockets** *(05 15 16)*		
05 15 16 00-0120	EA	1/4" Diameter, Steel, Open Swage Socket	106.31	4.00
05 15 16 00-0121	EA	5/16" Diameter, Steel, Open Swage Socket	169.29	4.00
05 15 16 00-0122	EA	3/8" Diameter, Steel, Open Swage Socket	174.57	5.33
05 15 16 00-0123	EA	7/16" Diameter, Steel, Open Swage Socket	207.74	6.67
05 15 16 00-0124	EA	1/2" Diameter, Steel, Open Swage Socket	207.74	6.67
05 15 16 00-0125	EA	9/16" Diameter, Steel, Open Swage Socket	304.78	14.68
05 15 16 00-0126	EA	5/8" Diameter, Steel, Open Swage Socket	304.78	14.68
05 15 16 00-0127	EA	3/4" Diameter, Steel, Open Swage Socket	390.92	28.02
05 15 16 00-0128	EA	7/8" Diameter, Steel, Open Swage Socket	526.52	40.02
05 15 16 00-0129	EA	1" Diameter, Steel, Open Swage Socket	742.13	61.36
05 15 16 00-0130	EA	1-1/8" Diameter, Steel, Open Swage Socket	977.32	96.05
05 15 16 00-0131	EA	1-1/4" Diameter, Steel, Open Swage Socket	1,137.93	110.73
05 15 16 00-0132		**Steel, Closed Swage Sockets** *(05 15 16)*		
05 15 16 00-0133	EA	1/4" Diameter, Steel, Closed Swage Socket	85.63	4.00
05 15 16 00-0134	EA	5/16" Diameter, Steel, Closed Swage Socket	115.71	4.00
05 15 16 00-0135	EA	3/8" Diameter, Steel, Closed Swage Socket	115.71	4.00
05 15 16 00-0136	EA	7/16" Diameter, Steel, Closed Swage Socket	144.35	5.33
05 15 16 00-0137	EA	1/2" Diameter, Steel, Closed Swage Socket	145.82	5.33
05 15 16 00-0138	EA	9/16" Diameter, Steel, Closed Swage Socket	200.49	9.34
05 15 16 00-0139	EA	5/8" Diameter, Steel, Closed Swage Socket	206.85	10.67
05 15 16 00-0140	EA	3/4" Diameter, Steel, Closed Swage Socket	256.32	17.34
05 15 16 00-0141	EA	7/8" Diameter, Steel, Closed Swage Socket	331.88	25.34
05 15 16 00-0142	EA	1" Diameter, Steel, Closed Swage Socket	474.66	34.69
05 15 16 00-0143	EA	1-1/8" Diameter, Steel, Closed Swage Socket	588.99	48.02
05 15 16 00-0144	EA	1-1/4" Diameter, Steel, Closed Swage Socket	800.09	74.70
05 15 16 00-0145		**Galvanized Steel, Open Spelter Sockets** *(05 15 16)*		
05 15 16 00-0146	EA	1/4" Galvanized Steel, Open Spelter Socket	177.63	4.00
05 15 16 00-0147	EA	5/16" Galvanized Steel, Open Spelter Socket	182.38	4.00
05 15 16 00-0148	EA	3/8" Galvanized Steel, Open Spelter Socket	182.38	4.00
05 15 16 00-0149	EA	7/16" Galvanized Steel, Open Spelter Socket	204.22	8.01
05 15 16 00-0150	EA	1/2" Galvanized Steel, Open Spelter Socket	204.22	8.01
05 15 16 00-0151	EA	9/16" Galvanized Steel, Open Spelter Socket	268.35	13.34
05 15 16 00-0152	EA	5/8" Galvanized Steel, Open Spelter Socket	268.35	13.34
05 15 16 00-0153	EA	3/4" Galvanized Steel, Open Spelter Socket	340.35	20.01
05 15 16 00-0154	EA	7/8" Galvanized Steel, Open Spelter Socket	509.70	33.35
05 15 16 00-0155	EA	1" Galvanized Steel, Open Spelter Socket	925.47	52.02
05 15 16 00-0156	EA	1-1/8" Galvanized Steel, Open Spelter Socket	1,091.51	84.05
05 15 16 00-0157	EA	1-1/4" Galvanized Steel, Open Spelter Socket	1,475.13	110.73
05 15 16 00-0158		**Galvanized Steel, Closed Spelter Sockets** *(05 15 16)*		
05 15 16 00-0159	EA	1/4" Galvanized Steel, Closed Spelter Socket	149.01	4.00
05 15 16 00-0160	EA	5/16" Galvanized Steel, Closed Spelter Socket	149.62	4.00
05 15 16 00-0161	EA	3/8" Galvanized Steel, Closed Spelter Socket	149.62	4.00
05 15 16 00-0162	EA	7/16" Galvanized Steel, Closed Spelter Socket	168.03	6.67
05 15 16 00-0163	EA	1/2" Galvanized Steel, Closed Spelter Socket	168.03	6.67
05 15 16 00-0164	EA	9/16" Galvanized Steel, Closed Spelter Socket	235.62	12.00
05 15 16 00-0165	EA	5/8" Galvanized Steel, Closed Spelter Socket	235.62	12.00
05 15 16 00-0166	EA	3/4" Galvanized Steel, Closed Spelter Socket	289.52	17.34
05 15 16 00-0167	EA	7/8" Galvanized Steel, Closed Spelter Socket	422.88	26.68
05 15 16 00-0168	EA	1" Galvanized Steel, Closed Spelter Socket	638.83	41.35
05 15 16 00-0169	EA	1-1/8" Galvanized Steel, Closed Spelter Socket	836.44	56.03
05 15 16 00-0170	EA	1-1/4" Galvanized Steel, Closed Spelter Socket	1,054.46	74.70
05 15 16 00-0171		**Forged Steel, Jaw And Jaw Turnbuckles** *(05 15 16)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 15 16 00-0172	EA	1/4" x 4", Forged Steel, Jaw And Jaw Turnbuckle	102.63	4.00
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-13.39*	
05 15 16 00-0173	EA	5/16" x 4-1/2", Forged Steel, Jaw And Jaw Turnbuckle	110.06	4.00
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-14.51*	
05 15 16 00-0174	EA	3/8" x 6", Forged Steel, Jaw And Jaw Turnbuckle	123.81	4.00
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-16.57*	
05 15 16 00-0175	EA	1/2" x 6", Forged Steel, Jaw And Jaw Turnbuckle	137.35	5.33
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-17.24*	
05 15 16 00-0176	EA	1/2" x 9", Forged Steel, Jaw And Jaw Turnbuckle	180.73	6.67
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-22.94*	
05 15 16 00-0177	EA	1/2" x 12", Forged Steel, Jaw And Jaw Turnbuckle	205.33	8.01
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-25.98*	
05 15 16 00-0178	EA	5/8" x 6", Forged Steel, Jaw And Jaw Turnbuckle	209.12	10.67
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-25.21*	
05 15 16 00-0179	EA	5/8" x 9", Forged Steel, Jaw And Jaw Turnbuckle	258.65	10.67
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-32.13*	
05 15 16 00-0180	EA	5/8" x 12", Forged Steel, Jaw And Jaw Turnbuckle	293.66	12.00
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-36.90*	
05 15 16 00-0181	EA	3/4" x 6", Forged Steel, Jaw And Jaw Turnbuckle	281.99	14.68
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-33.78*	
05 15 16 00-0182	EA	3/4" x 9", Forged Steel, Jaw And Jaw Turnbuckle	321.07	17.34
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-37.63*	
05 15 16 00-0183	EA	3/4" x 12", Forged Steel, Jaw And Jaw Turnbuckle	396.44	18.67
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-48.03*	
05 15 16 00-0184	EA	3/4" x 18", Forged Steel, Jaw And Jaw Turnbuckle	476.93	22.68
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-57.74*	
05 15 16 00-0185	EA	7/8" x 12", Forged Steel, Jaw And Jaw Turnbuckle	543.00	32.01
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-62.39*	
05 15 16 00-0186	EA	7/8" x 18", Forged Steel, Jaw And Jaw Turnbuckle	658.58	37.36
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-76.55*	
05 15 16 00-0187	EA	1" x 6", Forged Steel, Jaw And Jaw Turnbuckle	564.05	32.01
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-65.55*	
05 15 16 00-0188	EA	1" x 12", Forged Steel, Jaw And Jaw Turnbuckle	645.55	41.35
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-71.82*	
05 15 16 00-0189	EA	1" x 18", Forged Steel, Jaw And Jaw Turnbuckle	885.01	52.02
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-101.97*	
05 15 16 00-0190	EA	1" x 24", Forged Steel, Jaw And Jaw Turnbuckle	989.74	61.36
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-112.08*	
05 15 16 00-0191	EA	1-1/4" x 12", Forged Steel, Jaw And Jaw Turnbuckle	1,103.02	74.70
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-120.99*	
05 15 16 00-0192	EA	1-1/4" x 18", Forged Steel, Jaw And Jaw Turnbuckle	1,331.60	84.05
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-149.72*	
05 15 16 00-0193	EA	1-1/4" x 24", Forged Steel, Jaw And Jaw Turnbuckle	1,724.52	96.05
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-201.51*	
05 15 16 00-0194	EA	1-1/2" x 12", Forged Steel, Jaw And Jaw Turnbuckle	1,705.28	102.72
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-194.22*	
05 15 16 00-0195	EA	1-1/2" x 18", Forged Steel, Jaw And Jaw Turnbuckle	1,876.98	133.40
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-201.51*	
05 15 16 00-0196	EA	1-1/2" x 24", Forged Steel, Jaw And Jaw Turnbuckle	3,378.05	173.42
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-406.66*	
05 15 16 00-0197	EA	2" x 24", Forged Steel, Jaw And Jaw Turnbuckle	5,542.18	333.50
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	*-631.23*	

05 15 16 00-0198 Galvanized Steel, Drop Forged, Shoulder Eye Bolts *(05 15 16)*

05 15 16 00-0199	EA	1/4" Diameter Thread, 3/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	20.22
05 15 16 00-0200	EA	5/16" Diameter Thread, 7/8" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	20.33
05 15 16 00-0201	EA	3/8" Diameter Thread, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	23.12
05 15 16 00-0202	EA	7/16" Diameter Thread, 1-3/32" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	27.70
05 15 16 00-0203	EA	1/2" Diameter Thread, 1-3/16" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	27.57
05 15 16 00-0204	EA	5/8" Diameter Thread, 1-3/8" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	38.15
05 15 16 00-0205	EA	3/4" Diameter Thread, 1-1/2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	46.27
05 15 16 00-0206	EA	7/8" Diameter Thread, 1-11/16" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	63.07
05 15 16 00-0207	EA	1" Diameter Thread, 1-13/16" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	85.44
05 15 16 00-0208	EA	1-1/8" Diameter Thread, 2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	125.18
05 15 16 00-0209	EA	1-1/4" Diameter Thread, 2-3/16" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	149.18
05 15 16 00-0210	EA	1-1/2" Diameter Thread, 2-1/2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	273.37
05 15 16 00-0211	EA	1-3/4" Diameter Thread, 2-7/8" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	313.75
05 15 16 00-0212	EA	2" Diameter Thread, 3-1/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	388.60

05 15 16 00-0213 Galvanized Steel, Drop Forged, Eye Bolts *(05 15 16)*

05 15 16 00-0214	EA	1/4" Diameter Thread, 3" Shank Length, 1/2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	27.08
05 15 16 00-0215	EA	1/4" Diameter Thread, 4" Shank Length, 1/2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	24.21
05 15 16 00-0216	EA	5/16" Diameter Thread, 2-1/4" Shank Length, 5/8" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	33.54
05 15 16 00-0217	EA	5/16" Diameter Thread, 4-1/4" Shank Length, 5/8" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	21.88
05 15 16 00-0218	EA	3/8" Diameter Thread, 2-1/2" Shank Length, 3/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	30.23
05 15 16 00-0219	EA	3/8" Diameter Thread, 3" Shank Length, 3/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	46.47
05 15 16 00-0220	EA	3/8" Diameter Thread, 4" Shank Length, 3/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	44.95
05 15 16 00-0221	EA	3/8" Diameter Thread, 4-1/2" Shank Length, 3/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	42.62
05 15 16 00-0222	EA	3/8" Diameter Thread, 5" Shank Length, 3/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	38.02
05 15 16 00-0223	EA	3/8" Diameter Thread, 6" Shank Length, 3/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	39.28
05 15 16 00-0224	EA	1/2" Diameter Thread, 2" Shank Length, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	34.39

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 15 16 00-0225	EA	1/2" Diameter Thread, 3" Shank Length, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	26.98	
05 15 16 00-0226	EA	1/2" Diameter Thread, 3-1/4" Shank Length, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	35.74	
05 15 16 00-0227	EA	1/2" Diameter Thread, 4" Shank Length, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	49.51	
05 15 16 00-0228	EA	1/2" Diameter Thread, 4-1/2" Shank Length, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	37.10	
05 15 16 00-0229	EA	1/2" Diameter Thread, 6" Shank Length, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	60.90	
05 15 16 00-0230	EA	1/2" Diameter Thread, 8" Shank Length, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	53.31	
05 15 16 00-0231	EA	1/2" Diameter Thread, 10" Shank Length, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	48.39	
05 15 16 00-0232	EA	1/2" Diameter Thread, 12" Shank Length, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	57.32	
05 15 16 00-0233	EA	5/8" Diameter Thread, 4" Shank Length, 1-1/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	58.11	
05 15 16 00-0234	EA	5/8" Diameter Thread, 4-1/2" Shank Length, 1-1/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	51.49	
05 15 16 00-0235	EA	5/8" Diameter Thread, 6" Shank Length, 1-1/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	65.33	
05 15 16 00-0236	EA	5/8" Diameter Thread, 8" Shank Length, 1-1/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	75.19	
05 15 16 00-0237	EA	5/8" Diameter Thread, 10" Shank Length, 1-1/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	87.04	
05 15 16 00-0238	EA	5/8" Diameter Thread, 12" Shank Length, 1-1/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	71.47	
05 15 16 00-0239	EA	3/4" Diameter Thread, 4-1/2" Shank Length, 1-1/2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	71.58	
05 15 16 00-0240	EA	3/4" Diameter Thread, 6" Shank Length, 1-1/2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	73.01	
05 15 16 00-0241	EA	3/4" Diameter Thread, 8" Shank Length, 1-1/2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	80.91	
05 15 16 00-0242	EA	3/4" Diameter Thread, 10" Shank Length, 1-1/2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	87.40	
05 15 16 00-0243	EA	3/4" Diameter Thread, 12" Shank Length, 1-1/2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	102.56	
05 15 16 00-0244	EA	1" Diameter Thread, 8" Shank Length, 2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	136.41	

05 15 19 Stainless Steel Wire Rope Assemblies *(05 15)*

05 15 19 00-0001 7x7, 304 Stainless Steel, Aircraft Cable *(05 15 19)*

05 15 19 00-0002	LF	1/16" Diameter, 7x7, 304 Stainless Steel, Aircraft Cable	0.30	0.09
		For >500, Deduct	*-0.03*	
05 15 19 00-0003	LF	3/32" Diameter, 7x7, 304 Stainless Steel, Aircraft Cable	0.38	0.11
		For >500, Deduct	*-0.04*	
05 15 19 00-0004	LF	1/8" Diameter, 7x7, 304 Stainless Steel, Aircraft Cable	0.49	0.12
		For >500, Deduct	*-0.06*	
05 15 19 00-0005	LF	5/32" Diameter, 7x7, 304 Stainless Steel, Aircraft Cable	0.62	0.13
		For >500, Deduct	*-0.08*	
05 15 19 00-0006	LF	3/16" Diameter, 7x7, 304 Stainless Steel, Aircraft Cable	0.77	0.13
		For >500, Deduct	*-0.10*	

05 15 19 00-0007 7x19, 304 Stainless Steel, Aircraft Cable *(05 15 19)*

05 15 19 00-0008	LF	1/8" Diameter, 7x19, 304 Stainless Steel, Aircraft Cable	0.55	0.12
		For >500, Deduct	*-0.07*	
05 15 19 00-0009	LF	5/32" Diameter, 7x19, 304 Stainless Steel, Aircraft Cable	0.63	0.13
		For >500, Deduct	*-0.08*	
05 15 19 00-0010	LF	3/16" Diameter, 7x19, 304 Stainless Steel, Aircraft Cable	0.73	0.13
		For >500, Deduct	*-0.10*	
05 15 19 00-0011	LF	1/4" Diameter, 7x19, 304 Stainless Steel, Aircraft Cable	0.90	0.13
		For >500, Deduct	*-0.13*	
05 15 19 00-0012	LF	5/16" Diameter, 7x19, 304 Stainless Steel, Aircraft Cable	1.37	0.13
		For >500, Deduct	*-0.20*	
05 15 19 00-0013	LF	3/8" Diameter, 7x19, 304 Stainless Steel, Aircraft Cable	2.04	0.27
		For >500, Deduct	*-0.30*	

05 15 19 00-0014 7x7, 316 Stainless Steel, Aircraft Cable *(05 15 19)*

05 15 19 00-0015	LF	1/16" Diameter, 7x7, 316 Stainless Steel, Aircraft Cable	0.30	0.09
		For >500, Deduct	*-0.03*	
05 15 19 00-0016	LF	3/32" Diameter, 7x7, 316 Stainless Steel, Aircraft Cable	0.38	0.11
		For >500, Deduct	*-0.04*	
05 15 19 00-0017	LF	1/8" Diameter, 7x7, 316 Stainless Steel, Aircraft Cable	0.49	0.12
		For >500, Deduct	*-0.06*	
05 15 19 00-0018	LF	5/32" Diameter, 7x7, 316 Stainless Steel, Aircraft Cable	0.62	0.13
		For >500, Deduct	*-0.08*	
05 15 19 00-0019	LF	3/16" Diameter, 7x7, 316 Stainless Steel, Aircraft Cable	0.77	0.13
		For >500, Deduct	*-0.10*	

05 15 19 00-0020 7x19, 316 Stainless Steel, Aircraft Cable *(05 15 19)*

05 15 19 00-0021	LF	1/8" Diameter, 7x19, 316 Stainless Steel, Aircraft Cable	0.55	0.12
		For >500, Deduct	*-0.07*	
05 15 19 00-0022	LF	5/32" Diameter, 7x19, 316 Stainless Steel, Aircraft Cable	0.63	0.13
		For >500, Deduct	*-0.08*	
05 15 19 00-0023	LF	3/16" Diameter, 7x19, 316 Stainless Steel, Aircraft Cable	0.73	0.13
		For >500, Deduct	*-0.10*	
05 15 19 00-0024	LF	1/4" Diameter, 7x19, 316 Stainless Steel, Aircraft Cable	0.90	0.13
		For >500, Deduct	*-0.13*	
05 15 19 00-0025	LF	5/16" Diameter, 7x19, 316 Stainless Steel, Aircraft Cable	1.37	0.13
		For >500, Deduct	*-0.20*	
05 15 19 00-0026	LF	3/8" Diameter, 7x19, 316 Stainless Steel, Aircraft Cable	2.04	0.13
		For >500, Deduct	*-0.30*	

05 20 Metal Joists *(05)*

Note: Includes all connecting bolts and welds.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

05 21 Steel Joist Framing *(05 20)*

05 21 19 Open Web Steel Joist Framing *(05 21)*

05 21 19 00-0001 Open Web Joists *(05 21 19)*

05 21 19 00-0002	TON	H, J Or K Open Web Joist, Up To 30' Span, Steel, Horizontal Bridging	2,892.97	219.78
		For Welded Cross Bridging, Add	*274.72*	
		For Shop Prime Paint Other Than Manufacturer's Standard, Add	*237.27*	
05 21 19 00-0003	TON	H, J Or K Open Web Joist, >30' To 50' Span, Steel, Horizontal Bridging	2,649.98	206.04
		For Welded Cross Bridging, Add	*244.19*	
		For Shop Prime Paint Other Than Manufacturer's Standard, Add	*220.32*	
05 21 19 00-0004	TON	LJ Or LH Open Web Joist, Up To 96' Span, Steel, Bolted Cross Bridging	3,172.15	206.04
		For Welded Cross Bridging, Add	*253.59*	
		For Shop Prime Paint Other Than Manufacturer's Standard, Add	*279.22*	
05 21 19 00-0005	TON	DLJ Or DLH Open Web Joist, Up To 144' Span, Steel, Bolted Cross Bridging	3,585.81	206.04
		For Welded Cross Bridging, Add	*253.59*	
		For Shop Prime Paint Other Than Manufacturer's Standard, Add	*328.86*	
05 21 19 00-0006	TON	CS Open Web Joist, Up To 30' Span, Steel, Horizontal Bridging	3,190.88	206.04
		For Welded Cross Bridging, Add	*274.72*	
		For Shop Prime Paint Other Than Manufacturer's Standard, Add	*273.02*	
05 21 19 00-0007	TON	SLH Open Web Joist, Up To 200' Span, Steel, Bolted Cross Bridging	3,947.77	206.04
		For Welded Cross Bridging, Add	*253.59*	
		For Shop Prime Paint Other Than Manufacturer's Standard, Add	*372.30*	

05 30 Metal Decking *(05)*

Note: Includes all connecting bolts and welds.

05 31 Steel Decking *(05 30)*

See CSI section 03 30 00 00-0000 for concrete where required.

05 31 13 Steel Floor Decking *(05 31)*

Note: Floor or roof decking

05 31 13 00-0001 Open Ribbed Galvanized Steel Deck *(05 31 13)*

05 31 13 00-0002	SF	1" Deep, 22 Gauge Open Ribbed Galvanized Steel Deck	3.32	0.60
		For Painted, Deduct	*-0.13*	
		For Perforated Or Slotted, Add	*0.13*	
		For Site Installed Insulation Between Ribs, Add	*0.89*	
		For Up To 100, Add	*1.01*	
		For >100 To 500, Add	*0.56*	
		For >500 To 1,500, Add	*0.19*	
05 31 13 00-0003	SF	1" Deep, 20 Gauge Open Ribbed Galvanized Steel Deck	3.79	0.70
		For Painted, Deduct	*-0.15*	
		For Perforated Or Slotted, Add	*0.15*	
		For Site Installed Insulation Between Ribs, Add	*1.01*	
		For Up To 100, Add	*1.17*	
		For >100 To 500, Add	*0.64*	
		For >500 To 1,500, Add	*0.22*	
05 31 13 00-0004	SF	1" Deep, 18 Gauge Open Ribbed Galvanized Steel Deck	4.75	0.85
		For Painted, Deduct	*-0.18*	
		For Perforated Or Slotted, Add	*0.18*	
		For Site Installed Insulation Between Ribs, Add	*1.27*	
		For Up To 100, Add	*1.43*	
		For >100 To 500, Add	*0.79*	
		For >500 To 1,500, Add	*0.27*	
05 31 13 00-0005	SF	1-1/2" Deep, 22 Gauge Open Ribbed Galvanized Steel Deck	3.65	0.68
		For Painted, Deduct	*-0.14*	
		For Perforated Or Slotted, Add	*0.14*	
		For Site Installed Insulation Between Ribs, Add	*0.98*	
		For Up To 100, Add	*1.12*	
		For >100 To 500, Add	*0.62*	
		For >500 To 1,500, Add	*0.21*	
05 31 13 00-0006	SF	1-1/2" Deep, 20 Gauge Open Ribbed Galvanized Steel Deck	4.20	0.78
		For Painted, Deduct	*-0.16*	
		For Perforated Or Slotted, Add	*0.16*	
		For Site Installed Insulation Between Ribs, Add	*1.12*	
		For Up To 100, Add	*1.29*	
		For >100 To 500, Add	*0.71*	
		For >500 To 1,500, Add	*0.24*	
05 31 13 00-0007	SF	1-1/2" Deep, 18 Gauge Open Ribbed Galvanized Steel Deck	5.26	0.95
		For Painted, Deduct	*-0.20*	
		For Perforated Or Slotted, Add	*0.20*	
		For Site Installed Insulation Between Ribs, Add	*1.41*	
		For Up To 100, Add	*1.59*	
		For >100 To 500, Add	*0.88*	
		For >500 To 1,500, Add	*0.30*	
05 31 13 00-0008	SF	2" Deep, 22 Gauge Open Ribbed Galvanized Steel Deck	4.12	0.71
		For Painted, Deduct	*-0.16*	
		For Perforated Or Slotted, Add	*0.16*	
		For Site Installed Insulation Between Ribs, Add	*1.10*	
		For Up To 100, Add	*1.21*	
		For >100 To 500, Add	*0.68*	
		For >500 To 1,500, Add	*0.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 31 13 00-0009	SF	2" Deep, 20 Gauge Open Ribbed Galvanized Steel Deck	4.78	0.83
		For Painted, Deduct	*-0.19*	
		For Perforated Or Slotted, Add	*0.19*	
		For Site Installed Insulation Between Ribs, Add	*1.27*	
		For Up To 100, Add	*1.40*	
		For >100 To 500, Add	*0.78*	
		For >500 To 1,500, Add	*0.26*	
05 31 13 00-0010	SF	2" Deep, 18 Gauge Open Ribbed Galvanized Steel Deck	5.87	0.92
		For Painted, Deduct	*-0.24*	
		For Perforated Or Slotted, Add	*0.24*	
		For Site Installed Insulation Between Ribs, Add	*1.56*	
		For Up To 100, Add	*1.62*	
		For >100 To 500, Add	*0.93*	
		For >500 To 1,500, Add	*0.29*	
05 31 13 00-0011	SF	2" Deep, 16 Gauge Open Ribbed Galvanized Steel Deck	7.36	1.00
		For Painted, Deduct	*-0.31*	
		For Perforated Or Slotted, Add	*0.31*	
		For Site Installed Insulation Between Ribs, Add	*1.93*	
		For Up To 100, Add	*1.87*	
		For >100 To 500, Add	*1.11*	
		For >500 To 1,500, Add	*0.32*	
05 31 13 00-0012	SF	3" Deep, 22 Gauge Open Ribbed Galvanized Steel Deck	4.60	0.75
		For Painted, Deduct	*-0.18*	
		For Perforated Or Slotted, Add	*0.18*	
		For Site Installed Insulation Between Ribs, Add	*1.22*	
		For Up To 100, Add	*1.31*	
		For >100 To 500, Add	*0.74*	
		For >500 To 1,500, Add	*0.24*	
05 31 13 00-0013	SF	3" Deep, 20 Gauge Open Ribbed Galvanized Steel Deck	5.36	0.85
		For Painted, Deduct	*-0.22*	
		For Perforated Or Slotted, Add	*0.22*	
		For Site Installed Insulation Between Ribs, Add	*1.42*	
		For Up To 100, Add	*1.49*	
		For >100 To 500, Add	*0.85*	
		For >500 To 1,500, Add	*0.27*	
05 31 13 00-0014	SF	3" Deep, 18 Gauge Open Ribbed Galvanized Steel Deck	6.68	1.05
		For Painted, Deduct	*-0.27*	
		For Perforated Or Slotted, Add	*0.27*	
		For Site Installed Insulation Between Ribs, Add	*1.77*	
		For Up To 100, Add	*1.86*	
		For >100 To 500, Add	*1.06*	
		For >500 To 1,500, Add	*0.33*	
05 31 13 00-0015	SF	3" Deep, 16 Gauge Open Ribbed Galvanized Steel Deck	8.41	1.28
		For Painted, Deduct	*-0.34*	
		For Perforated Or Slotted, Add	*0.34*	
		For Site Installed Insulation Between Ribs, Add	*2.22*	
		For Up To 100, Add	*2.28*	
		For >100 To 500, Add	*1.32*	
		For >500 To 1,500, Add	*0.40*	
05 31 13 00-0016	SF	4-1/2" Deep, 18 Gauge Open Ribbed Galvanized Steel Deck	11.96	
		For Painted, Deduct	*-0.54*	
		For Perforated Or Slotted, Add	*0.54*	
		For Site Installed Insulation Between Ribs, Add	*3.08*	
		For Up To 100, Add	*2.23*	
		For >100 To 500, Add	*1.54*	
		For >500 To 1,500, Add	*0.29*	
05 31 13 00-0017	SF	4-1/2" Deep, 16 Gauge Open Ribbed Galvanized Steel Deck	15.06	1.05
		For Painted, Deduct	*-0.69*	
		For Perforated Or Slotted, Add	*0.69*	
		For Site Installed Insulation Between Ribs, Add	*3.86*	
		For Up To 100, Add	*2.69*	
		For >100 To 500, Add	*1.90*	
		For >500 To 1,500, Add	*0.33*	
05 31 13 00-0018	SF	6" Deep, 20 Gauge Open Ribbed Galvanized Steel Deck	14.00	1.05
		For Painted, Deduct	*-0.63*	
		For Perforated Or Slotted, Add	*0.63*	
		For Site Installed Insulation Between Ribs, Add	*3.60*	
		For Up To 100, Add	*2.59*	
		For >100 To 500, Add	*1.80*	
		For >500 To 1,500, Add	*0.33*	
05 31 13 00-0019	SF	6" Deep, 18 Gauge Open Ribbed Galvanized Steel Deck	14.71	1.28
		For Painted, Deduct	*-0.66*	
		For Perforated Or Slotted, Add	*0.66*	
		For Site Installed Insulation Between Ribs, Add	*3.80*	
		For Up To 100, Add	*2.91*	
		For >100 To 500, Add	*1.95*	
		For >500 To 1,500, Add	*0.40*	
05 31 13 00-0020	SF	6" Deep, 16 Gauge Open Ribbed Galvanized Steel Deck	18.36	1.55
		For Painted, Deduct	*-0.82*	
		For Perforated Or Slotted, Add	*0.82*	
		For Site Installed Insulation Between Ribs, Add	*4.74*	
		For Up To 100, Add	*3.58*	
		For >100 To 500, Add	*2.42*	
		For >500 To 1,500, Add	*0.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 31 13 00-0021	SF	7-1/2" Deep, 18 Gauge Open Ribbed Galvanized Steel Deck	16.26	1.40
		For Painted, Deduct	*-0.73*	
		For Perforated Or Slotted, Add	*0.73*	
		For Site Installed Insulation Between Ribs, Add	*4.20*	
		For Up To 100, Add	*3.20*	
		For >100 To 500, Add	*2.15*	
		For >500 To 1,500, Add	*0.44*	
05 31 13 00-0022	SF	7-1/2" Deep, 16 Gauge Open Ribbed Galvanized Steel Deck	20.25	1.70
		For Painted, Deduct	*-0.91*	
		For Perforated Or Slotted, Add	*0.91*	
		For Site Installed Insulation Between Ribs, Add	*5.22*	
		For Up To 100, Add	*3.94*	
		For >100 To 500, Add	*2.66*	
		For >500 To 1,500, Add	*0.53*	

05 31 13 00-0023 Cellular Galvanized Steel Deck *(05 31 13)*

Note: Cellular decking is made of a top ribbed sheet and a flat bottom sheet welded together to create hollow longitudinal cells within the panels.

05 31 13 00-0024	SF	1" Deep, 22/18 Gauge Cellular Galvanized Steel Deck	10.78	1.07
		For Painted, Deduct	*-0.47*	
		For Perforated Or Slotted, Add	*0.47*	
		For Insulated Cells, Add	*2.12*	
		For Site Installed Insulation Between Ribs, Add	*2.80*	
		For Up To 100, Add	*2.29*	
		For >100 To 500, Add	*1.48*	
		For >500 To 1,500, Add	*0.34*	
05 31 13 00-0025	SF	1" Deep, 18/18 Gauge Cellular Galvanized Steel Deck	11.76	1.43
		For Painted, Deduct	*-0.50*	
		For Perforated Or Slotted, Add	*0.50*	
		For Insulated Cells, Add	*2.25*	
		For Site Installed Insulation Between Ribs, Add	*3.08*	
		For Up To 100, Add	*2.78*	
		For >100 To 500, Add	*1.71*	
		For >500 To 1,500, Add	*0.45*	
05 31 13 00-0026	SF	1-1/2" Deep, 22/18 Gauge Cellular Galvanized Steel Deck	13.19	1.12
		For Painted, Deduct	*-0.59*	
		For Perforated Or Slotted, Add	*0.59*	
		For Insulated Cells, Add	*2.65*	
		For Site Installed Insulation Between Ribs, Add	*3.40*	
		For Up To 100, Add	*2.59*	
		For >100 To 500, Add	*1.74*	
		For >500 To 1,500, Add	*0.35*	
05 31 13 00-0027	SF	1-1/2" Deep, 18/18 Gauge Cellular Galvanized Steel Deck	14.32	1.50
		For Painted, Deduct	*-0.62*	
		For Perforated Or Slotted, Add	*0.62*	
		For Insulated Cells, Add	*2.80*	
		For Site Installed Insulation Between Ribs, Add	*3.72*	
		For Up To 100, Add	*3.12*	
		For >100 To 500, Add	*1.99*	
		For >500 To 1,500, Add	*0.47*	
05 31 13 00-0028	SF	3" Deep, 20/18 Gauge Cellular Galvanized Steel Deck	15.11	1.38
		For Painted, Deduct	*-0.67*	
		For Perforated Or Slotted, Add	*0.67*	
		For Insulated Cells, Add	*3.02*	
		For Site Installed Insulation Between Ribs, Add	*3.91*	
		For Up To 100, Add	*3.03*	
		For >100 To 500, Add	*2.02*	
		For >500 To 1,500, Add	*0.42*	
05 31 13 00-0029	SF	3" Deep, 18/18 Gauge Cellular Galvanized Steel Deck	18.05	1.58
		For Painted, Deduct	*-0.80*	
		For Perforated Or Slotted, Add	*0.80*	
		For Insulated Cells, Add	*3.62*	
		For Site Installed Insulation Between Ribs, Add	*4.66*	
		For Up To 100, Add	*3.58*	
		For >100 To 500, Add	*2.40*	
		For >500 To 1,500, Add	*0.49*	
05 31 13 00-0030	SF	3" Deep, 18/16 Gauge Cellular Galvanized Steel Deck	20.24	1.70
		For Painted, Deduct	*-0.91*	
		For Perforated Or Slotted, Add	*0.91*	
		For Insulated Cells, Add	*4.07*	
		For Site Installed Insulation Between Ribs, Add	*5.22*	
		For Up To 100, Add	*3.94*	
		For >100 To 500, Add	*2.66*	
		For >500 To 1,500, Add	*0.53*	
05 31 13 00-0031	SF	3" Deep, 16/16 Gauge Cellular Galvanized Steel Deck	21.88	1.82
		For Painted, Deduct	*-0.98*	
		For Perforated Or Slotted, Add	*0.98*	
		For Insulated Cells, Add	*4.41*	
		For Site Installed Insulation Between Ribs, Add	*5.64*	
		For Up To 100, Add	*4.25*	
		For >100 To 500, Add	*2.88*	
		For >500 To 1,500, Add	*0.57*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 31 13 00-0032	SF	4-1/2" Deep, 20/18 Gauge Cellular Galvanized Steel Deck	23.30	1.38
		For Painted, Deduct	*-1.08*	
		For Perforated Or Slotted, Add	*1.08*	
		For Insulated Cells, Add	*4.86*	
		For Site Installed Insulation Between Ribs, Add	*5.96*	
		For Up To 100, Add	*3.88*	
		For >100 To 500, Add	*2.85*	
		For >500 To 1,500, Add	*0.43*	
05 31 13 00-0033	SF	4-1/2" Deep, 18/18 Gauge Cellular Galvanized Steel Deck	24.80	1.60
		For Painted, Deduct	*-1.14*	
		For Perforated Or Slotted, Add	*1.14*	
		For Insulated Cells, Add	*5.13*	
		For Site Installed Insulation Between Ribs, Add	*6.35*	
		For Up To 100, Add	*4.28*	
		For >100 To 500, Add	*3.08*	
		For >500 To 1,500, Add	*0.50*	
05 31 13 00-0034	SF	4-1/2" Deep, 18/16 Gauge Cellular Galvanized Steel Deck	26.22	1.73
		For Painted, Deduct	*-1.20*	
		For Perforated Or Slotted, Add	*1.20*	
		For Insulated Cells, Add	*5.41*	
		For Site Installed Insulation Between Ribs, Add	*6.72*	
		For Up To 100, Add	*4.57*	
		For >100 To 500, Add	*3.27*	
		For >500 To 1,500, Add	*0.54*	
05 31 13 00-0035	SF	4-1/2" Deep, 16/16 Gauge Cellular Galvanized Steel Deck	27.97	1.85
		For Painted, Deduct	*-1.28*	
		For Perforated Or Slotted, Add	*1.28*	
		For Insulated Cells, Add	*5.77*	
		For Site Installed Insulation Between Ribs, Add	*7.17*	
		For Up To 100, Add	*4.89*	
		For >100 To 500, Add	*3.49*	
		For >500 To 1,500, Add	*0.58*	

05 31 23 Steel Roof Decking *(05 31)*

See CSI section 05 31 13 00-0000 for Steel floor or roof decking.

05 31 33 Steel Form Decking *(05 31)*

05 31 33 00-0001 Open Ribbed Galvanized Steel Form Deck *(05 31 33)*

05 31 33 00-0002	SF	9/16" Deep, 28 Gauge Open Ribbed Galvanized Steel Form Deck	3.07	
		For Painted, Deduct	*-0.10*	
		For Perforated Or Slotted, Add	*0.10*	
		For Up To 100, Add	*1.32*	
		For >100 To 500, Add	*0.64*	
		For >500 To 1,500, Add	*0.28*	
05 31 33 00-0003	SF	9/16" Deep, 26 Gauge Open Ribbed Galvanized Steel Form Deck	3.26	
		For Painted, Deduct	*-0.10*	
		For Perforated Or Slotted, Add	*0.10*	
		For Up To 100, Add	*1.39*	
		For >100 To 500, Add	*0.68*	
		For >500 To 1,500, Add	*0.30*	
05 31 33 00-0004	SF	9/16" Deep, 24 Gauge Open Ribbed Galvanized Steel Form Deck	3.63	
		For Painted, Deduct	*-0.11*	
		For Perforated Or Slotted, Add	*0.11*	
		For Up To 100, Add	*1.61*	
		For >100 To 500, Add	*0.78*	
		For >500 To 1,500, Add	*0.35*	
05 31 33 00-0005	SF	9/16" Deep, 22 Gauge Open Ribbed Galvanized Steel Form Deck	3.94	
		For Painted, Deduct	*-0.12*	
		For Perforated Or Slotted, Add	*0.12*	
		For Up To 100, Add	*1.81*	
		For >100 To 500, Add	*0.87*	
		For >500 To 1,500, Add	*0.39*	
05 31 33 00-0006	SF	15/16" Deep, 26 Gauge Open Ribbed Galvanized Steel Form Deck	3.66	
		For Painted, Deduct	*-0.12*	
		For Perforated Or Slotted, Add	*0.12*	
		For Up To 100, Add	*1.43*	
		For >100 To 500, Add	*0.72*	
		For >500 To 1,500, Add	*0.30*	
05 31 33 00-0007	SF	15/16" Deep, 25 Gauge Open Ribbed Galvanized Steel Form Deck	3.87	
		For Painted, Deduct	*-0.13*	
		For Perforated Or Slotted, Add	*0.13*	
		For Up To 100, Add	*1.52*	
		For >100 To 500, Add	*0.77*	
		For >500 To 1,500, Add	*0.32*	
05 31 33 00-0008	SF	15/16" Deep, 24 Gauge Open Ribbed Galvanized Steel Form Deck	4.08	
		For Painted, Deduct	*-0.14*	
		For Perforated Or Slotted, Add	*0.14*	
		For Up To 100, Add	*1.65*	
		For >100 To 500, Add	*0.82*	
		For >500 To 1,500, Add	*0.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 31 33 00-0009	SF	15/16" Deep, 22 Gauge Open Ribbed Galvanized Steel Form Deck	4.37	
		For Painted, Deduct	*-0.14*	
		For Perforated Or Slotted, Add	*0.14*	
		For Up To 100, Add	*1.85*	
		For >100 To 500, Add	*0.91*	
		For >500 To 1,500, Add	*0.39*	
05 31 33 00-0010	SF	1-15/16" Deep, 26 Gauge Open Ribbed Galvanized Steel Form Deck	4.60	
		For Painted, Deduct	*-0.15*	
		For Perforated Or Slotted, Add	*0.15*	
		For Up To 100, Add	*1.93*	
		For >100 To 500, Add	*0.95*	
		For >500 To 1,500, Add	*0.41*	
05 31 33 00-0011	SF	1-15/16" Deep, 24 Gauge Open Ribbed Galvanized Steel Form Deck	5.00	
		For Painted, Deduct	*-0.17*	
		For Perforated Or Slotted, Add	*0.17*	
		For Up To 100, Add	*2.02*	
		For >100 To 500, Add	*1.01*	
		For >500 To 1,500, Add	*0.42*	
05 31 33 00-0012	SF	1-15/16" Deep, 22 Gauge Open Ribbed Galvanized Steel Form Deck	5.71	
		For Painted, Deduct	*-0.20*	
		For Perforated Or Slotted, Add	*0.20*	
		For Up To 100, Add	*2.20*	
		For >100 To 500, Add	*1.11*	
		For >500 To 1,500, Add	*0.45*	
05 31 33 00-0013	SF	1-15/16" Deep, 20 Gauge Open Ribbed Galvanized Steel Form Deck	6.33	
		For Painted, Deduct	*-0.21*	
		For Perforated Or Slotted, Add	*0.21*	
		For Up To 100, Add	*2.49*	
		For >100 To 500, Add	*1.25*	
		For >500 To 1,500, Add	*0.52*	

05 36 Composite Metal Decking *(05 30)*

See CSI section 03 30 00 00-0000 for concrete.

05 36 00 00-0001 Composite Open Ribbed Galvanized Steel Deck *(05 36)*

Note: Composite decking has rolled-in embossments or ridges designed to interlock with the concrete slab.

05 36 00 00-0002	SF	1-1/2" Deep, 22 Gauge Composite Open Ribbed Galvanized Steel Deck	4.64	
		For Painted, Deduct	*-0.15*	
		For Perforated Or Slotted, Add	*0.15*	
		For Up To 100, Add	*1.93*	
		For >100 To 500, Add	*0.95*	
		For >500 To 1,500, Add	*0.41*	
05 36 00 00-0003	SF	1-1/2" Deep, 20 Gauge Composite Open Ribbed Galvanized Steel Deck	4.97	
		For Painted, Deduct	*-0.16*	
		For Perforated Or Slotted, Add	*0.16*	
		For Up To 100, Add	*2.13*	
		For >100 To 500, Add	*1.04*	
		For >500 To 1,500, Add	*0.45*	
05 36 00 00-0004	SF	1-1/2" Deep, 18 Gauge Composite Open Ribbed Galvanized Steel Deck	5.59	
		For Painted, Deduct	*-0.17*	
		For Perforated Or Slotted, Add	*0.17*	
		For Up To 100, Add	*2.58*	
		For >100 To 500, Add	*1.23*	
		For >500 To 1,500, Add	*0.56*	
05 36 00 00-0005	SF	1-1/2" Deep, 16 Gauge Composite Open Ribbed Galvanized Steel Deck	6.13	
		For Painted, Deduct	*-0.17*	
		For Perforated Or Slotted, Add	*0.17*	
		For Up To 100, Add	*3.03*	
		For >100 To 500, Add	*1.42*	
		For >500 To 1,500, Add	*0.67*	
05 36 00 00-0006	SF	2" Deep, 22 Gauge Composite Open Ribbed Galvanized Steel Deck	4.97	
		For Painted, Deduct	*-0.16*	
		For Perforated Or Slotted, Add	*0.16*	
		For Up To 100, Add	*2.13*	
		For >100 To 500, Add	*1.04*	
		For >500 To 1,500, Add	*0.45*	
05 36 00 00-0007	SF	2" Deep, 20 Gauge Composite Open Ribbed Galvanized Steel Deck	5.37	
		For Painted, Deduct	*-0.17*	
		For Perforated Or Slotted, Add	*0.17*	
		For Up To 100, Add	*2.34*	
		For >100 To 500, Add	*1.14*	
		For >500 To 1,500, Add	*0.50*	
05 36 00 00-0008	SF	2" Deep, 18 Gauge Composite Open Ribbed Galvanized Steel Deck	5.99	
		For Painted, Deduct	*-0.18*	
		For Perforated Or Slotted, Add	*0.18*	
		For Up To 100, Add	*2.80*	
		For >100 To 500, Add	*1.33*	
		For >500 To 1,500, Add	*0.61*	
05 36 00 00-0009	SF	2" Deep, 16 Gauge Composite Open Ribbed Galvanized Steel Deck	6.57	
		For Painted, Deduct	*-0.19*	
		For Perforated Or Slotted, Add	*0.19*	
		For Up To 100, Add	*3.24*	
		For >100 To 500, Add	*1.52*	
		For >500 To 1,500, Add	*0.72*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 36 00 00-0010	SF	3" Deep, 22 Gauge Composite Open Ribbed Galvanized Steel Deck	5.21	
		For Painted, Deduct	*-0.17*	
		For Perforated Or Slotted, Add	*0.17*	
		For Up To 100, Add	*2.20*	
		For >100 To 500, Add	*1.08*	
		For >500 To 1,500, Add	*0.47*	
05 36 00 00-0011	SF	3" Deep, 20 Gauge Composite Open Ribbed Galvanized Steel Deck	5.61	
		For Painted, Deduct	*-0.17*	
		For Perforated Or Slotted, Add	*0.17*	
		For Up To 100, Add	*2.48*	
		For >100 To 500, Add	*1.20*	
		For >500 To 1,500, Add	*0.53*	
05 36 00 00-0012	SF	3" Deep, 18 Gauge Composite Open Ribbed Galvanized Steel Deck	6.33	
		For Painted, Deduct	*-0.19*	
		For Perforated Or Slotted, Add	*0.19*	
		For Up To 100, Add	*3.00*	
		For >100 To 500, Add	*1.42*	
		For >500 To 1,500, Add	*0.66*	
05 36 00 00-0013	SF	3" Deep, 16 Gauge Composite Open Ribbed Galvanized Steel Deck	7.08	
		For Painted, Deduct	*-0.20*	
		For Perforated Or Slotted, Add	*0.20*	
		For Up To 100, Add	*3.53*	
		For >100 To 500, Add	*1.65*	
		For >500 To 1,500, Add	*0.78*	

05 36 00 00-0014 Composite Cellular Galvanized Steel Deck *(05 36)*

Note: Composite decking has rolled-in embossments or ridges designed to interlock with the concrete slab. Cellular decking is made of a top ribbed sheet and a bottom flat sheet welded together to create hollow longitudinal cells within the panels.

05 36 00 00-0015	SF	1-1/2" Deep, 20/20 Gauge Composite Cellular Galvanized Steel Deck	8.49	
		For Painted, Deduct	*-0.28*	
		For Perforated Or Slotted, Add	*0.28*	
		For Insulated Cells, Add	*1.25*	
		For Up To 100, Add	*3.50*	
		For >100 To 500, Add	*1.73*	
		For >500 To 1,500, Add	*0.74*	
05 36 00 00-0016	SF	1-1/2" Deep, 20/18 Gauge Composite Cellular Galvanized Steel Deck	9.09	
		For Painted, Deduct	*-0.29*	
		For Perforated Or Slotted, Add	*0.29*	
		For Insulated Cells, Add	*1.31*	
		For Up To 100, Add	*3.83*	
		For >100 To 500, Add	*1.88*	
		For >500 To 1,500, Add	*0.81*	
05 36 00 00-0017	SF	1-1/2" Deep, 18/20 Gauge Composite Cellular Galvanized Steel Deck	9.22	
		For Painted, Deduct	*-0.29*	
		For Perforated Or Slotted, Add	*0.29*	
		For Insulated Cells, Add	*1.31*	
		For Up To 100, Add	*3.96*	
		For >100 To 500, Add	*1.94*	
		For >500 To 1,500, Add	*0.85*	
05 36 00 00-0018	SF	1-1/2" Deep, 18/18 Gauge Composite Cellular Galvanized Steel Deck	9.82	
		For Painted, Deduct	*-0.30*	
		For Perforated Or Slotted, Add	*0.30*	
		For Insulated Cells, Add	*1.36*	
		For Up To 100, Add	*4.37*	
		For >100 To 500, Add	*2.11*	
		For >500 To 1,500, Add	*0.94*	
05 36 00 00-0019	SF	1-1/2" Deep, 18/16 Gauge Composite Cellular Galvanized Steel Deck	10.52	
		For Painted, Deduct	*-0.32*	
		For Perforated Or Slotted, Add	*0.32*	
		For Insulated Cells, Add	*1.45*	
		For Up To 100, Add	*4.72*	
		For >100 To 500, Add	*2.27*	
		For >500 To 1,500, Add	*1.02*	
05 36 00 00-0020	SF	1-1/2" Deep, 16/18 Gauge Composite Cellular Galvanized Steel Deck	10.64	
		For Painted, Deduct	*-0.32*	
		For Perforated Or Slotted, Add	*0.32*	
		For Insulated Cells, Add	*1.45*	
		For Up To 100, Add	*4.84*	
		For >100 To 500, Add	*2.32*	
		For >500 To 1,500, Add	*1.05*	
05 36 00 00-0021	SF	1-1/2" Deep, 16/16 Gauge Composite Cellular Galvanized Steel Deck	11.24	
		For Painted, Deduct	*-0.33*	
		For Perforated Or Slotted, Add	*0.33*	
		For Insulated Cells, Add	*1.50*	
		For Up To 100, Add	*5.24*	
		For >100 To 500, Add	*2.50*	
		For >500 To 1,500, Add	*1.14*	
05 36 00 00-0022	SF	2" Deep, 20/20 Gauge Composite Cellular Galvanized Steel Deck	8.79	
		For Painted, Deduct	*-0.28*	
		For Perforated Or Slotted, Add	*0.28*	
		For Insulated Cells, Add	*1.27*	
		For Up To 100, Add	*3.70*	
		For >100 To 500, Add	*1.82*	
		For >500 To 1,500, Add	*0.78*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 36 00 00-0023	SF	2" Deep, 20/18 Gauge Composite Cellular Galvanized Steel Deck	9.29	
		For Painted, Deduct	*-0.30*	
		For Perforated Or Slotted, Add	*0.30*	
		For Insulated Cells, Add	*1.33*	
		For Up To 100, Add	*3.97*	
		For >100 To 500, Add	*1.94*	
		For >500 To 1,500, Add	*0.85*	
05 36 00 00-0024	SF	2" Deep, 18/20 Gauge Composite Cellular Galvanized Steel Deck	9.41	
		For Painted, Deduct	*-0.30*	
		For Perforated Or Slotted, Add	*0.30*	
		For Insulated Cells, Add	*1.33*	
		For Up To 100, Add	*4.09*	
		For >100 To 500, Add	*1.99*	
		For >500 To 1,500, Add	*0.88*	
05 36 00 00-0025	SF	2" Deep, 18/18 Gauge Composite Cellular Galvanized Steel Deck	10.12	
		For Painted, Deduct	*-0.31*	
		For Perforated Or Slotted, Add	*0.31*	
		For Insulated Cells, Add	*1.40*	
		For Up To 100, Add	*4.50*	
		For >100 To 500, Add	*2.18*	
		For >500 To 1,500, Add	*0.97*	
05 36 00 00-0026	SF	2" Deep, 18/16 Gauge Composite Cellular Galvanized Steel Deck	10.72	
		For Painted, Deduct	*-0.33*	
		For Perforated Or Slotted, Add	*0.33*	
		For Insulated Cells, Add	*1.47*	
		For Up To 100, Add	*4.84*	
		For >100 To 500, Add	*2.33*	
		For >500 To 1,500, Add	*1.05*	
05 36 00 00-0027	SF	2" Deep, 16/18 Gauge Composite Cellular Galvanized Steel Deck	10.91	
		For Painted, Deduct	*-0.33*	
		For Perforated Or Slotted, Add	*0.33*	
		For Insulated Cells, Add	*1.47*	
		For Up To 100, Add	*5.03*	
		For >100 To 500, Add	*2.41*	
		For >500 To 1,500, Add	*1.10*	
05 36 00 00-0028	SF	2" Deep, 16/16 Gauge Composite Cellular Galvanized Steel Deck	11.52	
		For Painted, Deduct	*-0.34*	
		For Perforated Or Slotted, Add	*0.34*	
		For Insulated Cells, Add	*1.53*	
		For Up To 100, Add	*5.38*	
		For >100 To 500, Add	*2.56*	
		For >500 To 1,500, Add	*1.18*	
05 36 00 00-0029	SF	3" Deep, 20/20 Gauge Composite Cellular Galvanized Steel Deck	8.82	
		For Painted, Deduct	*-0.28*	
		For Perforated Or Slotted, Add	*0.28*	
		For Insulated Cells, Add	*1.28*	
		For Up To 100, Add	*3.70*	
		For >100 To 500, Add	*1.82*	
		For >500 To 1,500, Add	*0.78*	
05 36 00 00-0030	SF	3" Deep, 20/18 Gauge Composite Cellular Galvanized Steel Deck	9.35	
		For Painted, Deduct	*-0.30*	
		For Perforated Or Slotted, Add	*0.30*	
		For Insulated Cells, Add	*1.33*	
		For Up To 100, Add	*4.03*	
		For >100 To 500, Add	*1.97*	
		For >500 To 1,500, Add	*0.86*	
05 36 00 00-0031	SF	3" Deep, 18/20 Gauge Composite Cellular Galvanized Steel Deck	9.53	
		For Painted, Deduct	*-0.30*	
		For Perforated Or Slotted, Add	*0.30*	
		For Insulated Cells, Add	*1.33*	
		For Up To 100, Add	*4.21*	
		For >100 To 500, Add	*2.04*	
		For >500 To 1,500, Add	*0.91*	
05 36 00 00-0032	SF	3" Deep, 18/18 Gauge Composite Cellular Galvanized Steel Deck	10.21	
		For Painted, Deduct	*-0.31*	
		For Perforated Or Slotted, Add	*0.31*	
		For Insulated Cells, Add	*1.41*	
		For Up To 100, Add	*4.57*	
		For >100 To 500, Add	*2.20*	
		For >500 To 1,500, Add	*0.99*	
05 36 00 00-0033	SF	3" Deep, 18/16 Gauge Composite Cellular Galvanized Steel Deck	10.89	
		For Painted, Deduct	*-0.33*	
		For Perforated Or Slotted, Add	*0.33*	
		For Insulated Cells, Add	*1.49*	
		For Up To 100, Add	*4.91*	
		For >100 To 500, Add	*2.36*	
		For >500 To 1,500, Add	*1.06*	
05 36 00 00-0034	SF	3" Deep, 16/18 Gauge Composite Cellular Galvanized Steel Deck	11.14	
		For Painted, Deduct	*-0.33*	
		For Perforated Or Slotted, Add	*0.33*	
		For Insulated Cells, Add	*1.49*	
		For Up To 100, Add	*5.16*	
		For >100 To 500, Add	*2.46*	
		For >500 To 1,500, Add	*1.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 36 00 00-0035	SF	3" Deep, 16/16 Gauge Composite Cellular Galvanized Steel Deck	11.64	
		For Painted, Deduct	*-0.34*	
		For Perforated Or Slotted, Add	*0.34*	
		For Insulated Cells, Add	*1.53*	
		For Up To 100, Add	*5.50*	
		For >100 To 500, Add	*2.61*	
		For >500 To 1,500, Add	*1.21*	

05 40 Cold-Formed Metal Framing *(05)*

Note: Includes all connecting bolts and welds.

05 41 Structural Metal Stud Framing *(05 40)*

Note: Includes studs, bridging, fasteners, and metal stiffener at half height. Do not deduct for openings of less than 25 SF.

05 41 00 00-0001 18 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners *(05 41)*

05 41 00 00-0002	SF	2-1/2" Width, 16" On Center, 18 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners	4.31	1.04
		For Walls >10' High, Add	*0.86*	
		For Curved Wall, Add	*0.72*	
		For Up To 200, Add	*1.34*	
		For >200 To 500, Add	*0.67*	
		For 12" On Center, Add	*0.74*	
		For 24" On Center, Deduct	*-0.74*	
05 41 00 00-0003	SF	3-5/8" Width, 16" On Center, 18 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners	4.75	1.04
		For Walls >10' High, Add	*0.95*	
		For Curved Wall, Add	*0.76*	
		For Up To 200, Add	*1.46*	
		For >200 To 500, Add	*0.73*	
		For 12" On Center, Add	*0.82*	
		For 24" On Center, Deduct	*-0.82*	
05 41 00 00-0004	SF	4" Width, 16" On Center, 18 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners	4.96	1.04
		For Walls >10' High, Add	*0.99*	
		For Curved Wall, Add	*0.79*	
		For Up To 200, Add	*1.52*	
		For >200 To 500, Add	*0.76*	
		For 12" On Center, Add	*0.86*	
		For 24" On Center, Deduct	*-0.86*	
05 41 00 00-0005	SF	6" Width, 16" On Center, 18 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners	6.08	1.15
		For Walls >10' High, Add	*1.22*	
		For Curved Wall, Add	*0.83*	
		For Up To 200, Add	*1.77*	
		For >200 To 500, Add	*0.88*	
		For 12" On Center, Add	*1.08*	
		For 24" On Center, Deduct	*-1.08*	
05 41 00 00-0006	SF	8" Width, 16" On Center, 18 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners	6.71	1.27
		For Walls >10' High, Add	*1.34*	
		For Curved Wall, Add	*0.86*	
		For Up To 200, Add	*1.91*	
		For >200 To 500, Add	*0.96*	
		For 12" On Center, Add	*1.20*	
		For 24" On Center, Deduct	*-1.20*	

05 41 00 00-0007 16 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners *(05 41)*

05 41 00 00-0008	SF	2-1/2" Width, 16" On Center, 16 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners	4.61	1.04
		For Walls >10' High, Add	*0.92*	
		For Curved Wall, Add	*0.76*	
		For Up To 200, Add	*1.43*	
		For >200 To 500, Add	*0.71*	
		For 12" On Center, Add	*0.80*	
		For 24" On Center, Deduct	*-0.80*	
05 41 00 00-0009	SF	3-5/8" Width, 16" On Center, 16 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners	5.23	1.05
		For Walls >10' High, Add	*1.05*	
		For Curved Wall, Add	*0.80*	
		For Up To 200, Add	*1.58*	
		For >200 To 500, Add	*0.79*	
		For 12" On Center, Add	*0.91*	
		For 24" On Center, Deduct	*-0.91*	
05 41 00 00-0010	SF	4" Width, 16" On Center, 16 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners	5.50	1.05
		For Walls >10' High, Add	*1.10*	
		For Curved Wall, Add	*0.83*	
		For Up To 200, Add	*1.65*	
		For >200 To 500, Add	*0.83*	
		For 12" On Center, Add	*0.96*	
		For 24" On Center, Deduct	*-0.96*	
05 41 00 00-0011	SF	6" Width, 16" On Center, 16 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners	6.74	1.27
		For Walls >10' High, Add	*1.35*	
		For Curved Wall, Add	*0.87*	
		For Up To 200, Add	*1.93*	
		For >200 To 500, Add	*0.96*	
		For 12" On Center, Add	*1.20*	
		For 24" On Center, Deduct	*-1.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 41 00 00-0012	SF	8" Width, 16" On Center, 16 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners	7.37	1.38
		For Walls >10' High, Add	*1.47*	
		For Curved Wall, Add	*0.92*	
		For Up To 200, Add	*2.08*	
		For >200 To 500, Add	*1.04*	
		For 12" On Center, Add	*1.32*	
		For 24" On Center, Deduct	*-1.32*	

05 41 00 00-0013 14 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners *(05 41)*

05 41 00 00-0014	SF	3-5/8" Width, 16" On Center, 14 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners	6.22	1.44
		For Walls >10' High, Add	*1.24*	
		For Curved Wall, Add	*0.96*	
		For Up To 200, Add	*1.88*	
		For >200 To 500, Add	*0.94*	
		For 12" On Center, Add	*1.08*	
		For 24" On Center, Deduct	*-1.08*	
05 41 00 00-0015	SF	4" Width, 16" On Center, 14 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners	6.38	1.46
		For Walls >10' High, Add	*1.28*	
		For Curved Wall, Add	*0.98*	
		For Up To 200, Add	*1.93*	
		For >200 To 500, Add	*0.96*	
		For 12" On Center, Add	*1.11*	
		For 24" On Center, Deduct	*-1.11*	
05 41 00 00-0016	SF	6" Width, 16" On Center, 14 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners	7.76	1.54
		For Walls >10' High, Add	*1.55*	
		For Curved Wall, Add	*1.02*	
		For Up To 200, Add	*2.23*	
		For >200 To 500, Add	*1.12*	
		For 12" On Center, Add	*1.38*	
		For 24" On Center, Deduct	*-1.38*	
05 41 00 00-0017	SF	8" Width, 16" On Center, 14 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners	8.46	1.61
		For Walls >10' High, Add	*1.69*	
		For Curved Wall, Add	*1.07*	
		For Up To 200, Add	*2.41*	
		For >200 To 500, Add	*1.20*	
		For 12" On Center, Add	*1.51*	
		For 24" On Center, Deduct	*-1.51*	

05 42 Cold-Formed Metal Joist Framing *(05 40)*

05 42 13 Cold-Formed Metal Floor Joist Framing *(05 42)*

Note: Floor or roof joist framing

05 42 13 00-0001 Steel Joists, 18 Gauge *(05 42 13)*

05 42 13 00-0002	LF	5-1/2" - 18 Gauge Steel Joists	9.59	2.74
05 42 13 00-0003	LF	6" - 18 Gauge Steel Joists	10.69	3.44
05 42 13 00-0004	LF	7-1/4" - 18 Gauge Steel Joists	11.55	3.78
05 42 13 00-0005	LF	8" - 18 Gauge Steel Joists	11.94	4.02

05 42 13 00-0006 Steel Joists, 16 Gauge *(05 42 13)*

05 42 13 00-0007	LF	7-1/4" - 16 Gauge Steel Joists	12.34	3.81
05 42 13 00-0008	LF	8" - 16 Gauge Steel Joists	13.03	4.02

05 42 13 00-0009 Steel Joists, 14 Gauge *(05 42 13)*

05 42 13 00-0010	LF	9-1/4" - 14 Gauge Steel Joists	14.46	4.02
05 42 13 00-0011	LF	11-1/2" - 14 Gauge Steel Joists	15.63	4.23

05 42 23 Cold-Formed Metal Roof Joist Framing *(05 42)*

See CSI section 05 42 13 00-0000 for metal joist framing.

05 43 Slotted Channel Framing *(05 40)*

05 43 00 00-0001 Unistrut Channel *(05 43)*

Note: Excludes fasteners and accessories.

05 43 00 00-0002 Steel Unistrut Channel *(05 43 00 00-0001)*

05 43 00 00-0003	LF	1-5/8" Wide x 1-5/8" High, 12 Gauge, Steel Unistrut Channel	12.76	3.01
		For Powder Coating, Add	*1.01*	
		For Galvanizing, Add	*1.15*	
05 43 00 00-0004	LF	1-5/8" Wide x 1-3/8" High, 12 Gauge, Steel Unistrut Channel	13.09	3.01
		For Powder Coating, Add	*1.06*	
		For Galvanizing, Add	*1.20*	
05 43 00 00-0005	LF	1-5/8" Wide x 13/16" High, 12 Gauge, Steel Unistrut Channel	13.59	3.01
		For Powder Coating, Add	*1.14*	
		For Galvanizing, Add	*1.29*	
05 43 00 00-0006	LF	1-5/8" Wide x 1-5/8" High, 14 Gauge, Steel Unistrut Channel	12.11	3.01
		For Powder Coating, Add	*0.91*	
		For Galvanizing, Add	*1.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 43 00 00-0007	LF	1-5/8" Wide x 13/16" High, 14 Gauge, Steel Unistrut Channel	10.68	3.01
		For Powder Coating, Add	*0.70*	
		For Galvanizing, Add	*0.79*	
05 43 00 00-0008		**Stainless Steel Unistrut Channel** *(05 43 00 00-0001)*		
05 43 00 00-0009		**304 Stainless Steel Unistrut Channel** *(05 43 00 00-0008)*		
05 43 00 00-0010	LF	1-5/8" Wide x 13/16" High, 14 Gauge, 304 Stainless Steel Unistrut Channel	34.95	3.01
05 43 00 00-0011	LF	1-5/8" Wide x 13/16" High, 12 Gauge, 304 Stainless Steel Unistrut Channel	42.02	3.01
05 43 00 00-0012	LF	1-5/8" Wide x 1-5/8" High, 14 Gauge, 304 Stainless Steel Unistrut Channel	40.26	3.01
05 43 00 00-0013	LF	1-5/8" Wide x 1-5/8" High, 12 Gauge, 304 Stainless Steel Unistrut Channel	51.18	3.01
05 43 00 00-0014		**316 Stainless Steel Unistrut Channel** *(05 43 00 00-0008)*		
05 43 00 00-0015	LF	1-5/8" Wide x 13/16" High, 14 Gauge, 316 Stainless Steel Unistrut Channel	57.88	3.01
05 43 00 00-0016		**Unistrut Closure Strips** *(05 43)*		
05 43 00 00-0017	LF	Steel Raceway Closure Strip For Unistrut Channel	6.40	0.66
05 43 00 00-0018		**Lock Nuts With Spring For Unistrut Channel** *(05 43)*		
		Note: Includes hex bolt.		
05 43 00 00-0019		**Steel Lock Nuts With Spring For Unistrut Channel** *(05 43 00 00-0018)*		
		Note: Includes hex bolt.		
05 43 00 00-0020	EA	1/4-20, Steel Lock Nut With Spring For Unistrut Channel	8.63	
05 43 00 00-0021	EA	3/8-16, Steel Lock Nut With Spring For Unistrut Channel	9.33	
05 43 00 00-0022	EA	1/2-13, Steel Lock Nut With Spring For Unistrut Channel	9.85	
05 43 00 00-0023	EA	5/8-11, Steel Lock Nut With Spring For Unistrut Channel	12.67	
05 43 00 00-0024		**Stainless Steel Lock Nuts With Spring For Unistrut Channel** *(05 43 00 00-0018)*		
		Note: Includes hex bolt.		
05 43 00 00-0025	EA	1/4-20, 316 Stainless Steel Lock Nut With Spring For Unistrut Channel	19.95	
05 43 00 00-0026	EA	3/8-16, 316 Stainless Steel Lock Nut With Spring For Unistrut Channel	21.25	
05 43 00 00-0027	EA	1/2-13, 316 Stainless Steel Lock Nut With Spring For Unistrut Channel	30.14	
05 43 00 00-0028	EA	5/8-11, 316 Stainless Steel Lock Nut With Spring For Unistrut Channel	51.67	
05 43 00 00-0029		**Lock Nuts Without Spring For Unistrut Channel** *(05 43)*		
		Note: Includes hex bolt.		
05 43 00 00-0030		**Steel Lock Nuts Without Spring For Unistrut Channel** *(05 43 00 00-0029)*		
		Note: Includes hex bolt.		
05 43 00 00-0031	EA	1/4-20, Steel Lock Nut Without Spring For Unistrut Channel	8.65	
05 43 00 00-0032	EA	3/8-16, Steel Lock Nut Without Spring For Unistrut Channel	9.43	
05 43 00 00-0033	EA	1/2-13, Steel Lock Nut Without Spring For Unistrut Channel	9.89	
05 43 00 00-0034	EA	5/8-11, Steel Lock Nut Without Spring For Unistrut Channel	13.48	
05 43 00 00-0035		**Stainless Steel Lock Nuts Without Spring For Unistrut Channel** *(05 43 00 00-0029)*		
		Note: Includes hex bolt.		
05 43 00 00-0036	EA	1/4-20, 316 Stainless Steel Lock Nut Without Spring For Unistrut Channel	14.25	
05 43 00 00-0037	EA	3/8-16, 316 Stainless Steel Lock Nut Without Spring For Unistrut Channel	17.22	
05 43 00 00-0038	EA	1/2-13, 316 Stainless Steel Lock Nut Without Spring For Unistrut Channel	18.78	
05 43 00 00-0039	EA	5/8-11, 316 Stainless Steel Lock Nut Without Spring For Unistrut Channel	50.33	
05 43 00 00-0040		**Beam Clamp For Unistrut Channel** *(05 43)*		
05 43 00 00-0041	EA	1-5/8" Channel, P2675 Unistrut Beam Clamp	28.02	10.00
05 43 00 00-0042	EA	1-5/8" Channel, P2676 Unistrut Beam Clamp	35.47	10.00
05 43 00 00-0043	EA	Add For Unistrut Swivel Nut, P2676	4.06	
05 43 00 00-0044		**Beam Clamp Clevis Hangers For Unistrut Channel** *(05 43)*		
05 43 00 00-0045	EA	Up To 3/8" Rod, Beam Clamp Clevis Hanger (Unistrut P2674)	30.60	10.00
05 43 00 00-0046	EA	Up To 1/2" Rod, Beam Clamp Clevis Hanger (Unistrut P2677)	36.54	10.00
05 43 00 00-0047	EA	Add For Unistrut Swivel Nut	4.06	
05 43 00 00-0048	EA	6-Hole Electrogalvanized Steel Shelf Bracket For Unistrut	184.56	13.34
05 43 00 00-0049		**Accessories For Unistrut Channel** *(05 43)*		
05 43 00 00-0050	EA	Trolley Truck Hanger, 1-5/8" Channel P1834	62.51	10.00
05 43 00 00-0051	EA	Flat Plate Fitting, One Hole, 1-5/8" Channel P1064	16.89	6.67
05 43 00 00-0052	EA	60 Degree Angle, 1-5/8" Channel P2097	17.59	6.67
05 43 00 00-0053		**Bases For Unistrut Channel** *(05 43)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 43 00 00-0054		Steel Bases For Unistrut Channel *(05 43 00 00-0053)*		
		Note: Includes straight or angled post mounting and fasteners.		
05 43 00 00-0055	EA	6" x 6", 1-5/8" Height, Single Post, Steel Base For Unistrut Channel	130.56	33.35
05 43 00 00-0056	EA	6" x 6", 3-1/2" Height, Single Post, Steel Base For Unistrut Channel	132.11	33.35
05 43 00 00-0057	EA	6" x 6", 1-5/8" Height, Double Post, Steel Base For Unistrut Channel	182.44	33.35
05 43 00 00-0058	EA	6" x 6", 3-1/2" Height, Double Post, Steel Base For Unistrut Channel	153.14	33.35
05 43 00 00-0059		Stainless Steel Bases For Unistrut Channel *(05 43 00 00-0053)*		
		Note: Includes straight or angled post mounting and fasteners.		
05 43 00 00-0060	EA	6" x 6", 1-5/8" Height, Single Post, 304 Stainless Steel Base For Unistrut Channel	241.02	33.35
05 43 00 00-0061	EA	6" x 6", 3-1/2" Height, Single Post, 304 Stainless Steel Base For Unistrut Channel	429.19	33.35
05 43 00 00-0062	EA	6" x 6", 3-1/2" Height, Double Post, 304 Stainless Steel Base For Unistrut Channel	329.45	33.35
05 43 00 00-0063	EA	6" x 6", 1-5/8" Height, Single Post, 316 Stainless Steel Base For Unistrut Channel	481.66	33.35
05 43 00 00-0064	EA	6" x 6", 3-1/2" Height, Double Post, 316 Stainless Steel Base For Unistrut Channel	424.79	33.35

05 44 Cold-Formed Metal Trusses *(05 40)*

05 44 13 Cold-Formed Metal Roof Trusses *(05 44)*

05 44 13 00-0001		Roof Truss *(05 44 13)*		
05 44 13 00-0002	SF	Light Gauge Metal Roof Truss	33.04	

05 45 Metal Support Assemblies *(05 40)*

05 45 13 Mechanical Metal Supports *(05 45)*

See CSI section 23 05 29 00-0000 for metal supports.

05 45 16 Electrical Metal Supports *(05 45)*

See CSI section 26 05 29 00-0000 for metal supports.

05 50 Metal Fabrications *(05)*

05 51 Metal Stairs *(05 50)*

05 51 13 Metal Pan Stairs *(05 51)*

Note: Open concrete filled metal pan stair and landing including steel stringer, safety nosing and concrete. Excludes handrail.
See CSI section 05 52 13 00-0000 for handrails.

05 51 13 00-0001		Open Concrete Filled Metal Pan Stair And Landing *(05 51 13)*		
		Note: Includes steel stringer, safety nosing and concrete. Excludes handrail.		
05 51 13 00-0002	RSR	3'-6" Wide Open Concrete Filled Metal Pan Tread Stair	1,175.46	38.66
		For Closed Riser, Add	*135.76*	
05 51 13 00-0003	RSR	4'-0" Wide Open Concrete Filled Metal Pan Tread Stair	1,335.71	45.10
		For Closed Riser, Add	*154.10*	
05 51 13 00-0004	RSR	5'-0" Wide Open Concrete Filled Metal Pan Tread Stair	1,487.87	52.83
		For Closed Riser, Add	*171.30*	
05 51 13 00-0005	SF	Concrete Filled Steel Pan Landing	88.81	6.44
		Note: Conventional shape.		

05 51 19 Metal Grating Stairs *(05 51)*

Note: Open steel grating tread metal stair and landing including steel stringers, safety nosing and 2 pipe handrail.

05 51 19 00-0001		Open Steel Grating Tread Metal Stair And Landing *(05 51 19)*		
		Note: Includes steel stringers, safety nosing and 2 pipe handrail.		
05 51 19 00-0002	RSR	3'-6" Wide Open Steel Grating Tread Metal Stair	570.92	51.54
		For Closed Riser, Add	*68.55*	
		For Galvanized Steel, Add	*116.96*	
05 51 19 00-0003	RSR	4'-0" Wide Open Steel Grating Tread Metal Stair	608.66	59.27
		For Closed Riser, Add	*72.61*	
		For Galvanized Steel, Add	*122.53*	
05 51 19 00-0004	RSR	5'-0" Wide Open Steel Grating Tread Metal Stair	673.83	69.58
		For Closed Riser, Add	*79.94*	
		For Galvanized Steel, Add	*133.67*	
05 51 19 00-0005	SF	Steel Grating Landing With Framing And 2 Pipe Handrail	105.97	6.44
		Note: Conventional shape.		
		For Galvanized Steel, Add	*20.05*	

05 51 33 Metal Ladders *(05 51)*

Note: Includes factory prime.

05 51 33 13 Vertical Metal Ladders *(05 51 33)*

05 51 33 13-0001		Vertical Ladders *(05 51 33 13)*		
		Note: Climbing rungs are 3/4" corrugated steel round rungs on 12" centers. Stand-off brackets are 7"		
05 51 33 13-0002	VLF	20" Wide Fixed Vertical Steel Ladder Primed	113.73	15.46
		For Galvanized Steel, Add	*16.31*	
		For Aluminum, Add	*32.61*	
05 51 33 13-0003	VLF	24" Wide Fixed Vertical Steel Ladder Primed	130.26	15.46
		For Galvanized Steel, Add	*20.44*	
		For Aluminum, Add	*40.88*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 51 33 13-0004	VLF	20" Wide Fixed Vertical Steel Caged Ladder Primed	271.59	25.77
		For Galvanized Steel, Add	*47.37*	
		For Aluminum, Add	*94.73*	
05 51 33 13-0005	VLF	24" Wide Fixed Vertical Steel Caged Ladder Primed	304.64	25.77
		For Galvanized Steel, Add	*55.63*	
		For Aluminum, Add	*111.26*	
05 51 33 13-0006		**Vertical Ladders Options** *(05 51 33 13)*		
05 51 33 13-0007	EA	20" Wide Vertical Steel Ladder Walk-Thru Handrails, Primed Note: Extends 42" above landing surface. Includes mounting bracket.	457.85	48.32
		For Galvanized Steel, Add	*90.30*	
		For Aluminum, Add	*180.61*	
05 51 33 13-0008	EA	24" Wide Vertical Steel Ladder Walk-Thru Handrails, Primed Note: Extends 42" above landing surface. Includes mounting bracket.	501.48	51.54
		For Galvanized Steel, Add	*99.60*	
		For Aluminum, Add	*199.20*	
05 51 33 13-0009	EA	Security Cage Entry Gate With Lockable Hasp	548.65	16.11
05 51 33 13-0010	EA	6' Powder Coated, Security Ladder Guard	1,476.12	96.64
05 51 33 13-0011	EA	8' Powder Coated, Security Ladder Guard	1,765.96	112.75
05 51 33 13-0012	EA	Safety Chain Attachment	270.12	
05 51 33 13-0013		**Welded Steel Ladder Cages** *(05 51 33 13)* Note: For existing fixed ladders up to 20" wide. Excludes the ladder.		
05 51 33 13-0014		**Powder Coated, Welded Steel Ladder Cages** *(05 51 33 13-0013)*		
05 51 33 13-0015	EA	7-1/2' Length, Powder Coated, Welded Steel Ladder Cage	2,508.39	193.28
05 51 33 13-0016	EA	8-1/2' Length, Powder Coated, Welded Steel Ladder Cage	2,724.91	199.71
05 51 33 13-0017	EA	9-1/2' Length, Powder Coated, Welded Steel Ladder Cage	2,897.16	206.16
05 51 33 13-0018	EA	10-1/2' Length, Powder Coated, Welded Steel Ladder Cage	3,081.20	212.60
05 51 33 13-0019	EA	11-1/2' Length, Powder Coated, Welded Steel Ladder Cage	3,188.53	219.05
05 51 33 13-0020	EA	12-1/2' Length, Powder Coated, Welded Steel Ladder Cage	3,363.71	225.49
05 51 33 13-0021	EA	13-1/2' Length, Powder Coated, Welded Steel Ladder Cage	3,518.25	231.94
05 51 33 13-0022	EA	14-1/2' Length, Powder Coated, Welded Steel Ladder Cage	3,720.01	238.37
05 51 33 13-0023	EA	15-1/2' Length, Powder Coated, Welded Steel Ladder Cage	3,915.86	244.82
05 51 33 13-0024	EA	16-1/2' Length, Powder Coated, Welded Steel Ladder Cage	4,076.30	251.26
05 51 33 13-0025	EA	17-1/2' Length, Powder Coated, Welded Steel Ladder Cage	4,272.16	257.70
05 51 33 13-0026	EA	18-1/2' Length, Powder Coated, Welded Steel Ladder Cage	4,462.11	264.15
05 51 33 13-0027	EA	19-1/2' Length, Powder Coated, Welded Steel Ladder Cage	4,649.10	270.58
05 51 33 13-0028	EA	20-1/2' Length, Powder Coated, Welded Steel Ladder Cage	4,989.56	277.03
05 51 33 13-0029	EA	21-1/2' Length, Powder Coated, Welded Steel Ladder Cage	5,090.98	283.47
05 51 33 13-0030	EA	22-1/2' Length, Powder Coated, Welded Steel Ladder Cage	5,266.18	289.92
05 51 33 13-0031	EA	23-1/2' Length, Powder Coated, Welded Steel Ladder Cage	5,426.62	296.36
05 51 33 13-0032	EA	24-1/2' Length, Powder Coated, Welded Steel Ladder Cage	5,575.25	302.80
05 51 33 13-0033	EA	25-1/2' Length, Powder Coated, Welded Steel Ladder Cage	5,906.86	309.24
05 51 33 13-0034	EA	26-1/2' Length, Powder Coated, Welded Steel Ladder Cage	6,085.00	315.68
05 51 33 13-0035	EA	27-1/2' Length, Powder Coated, Welded Steel Ladder Cage	6,251.34	322.13
05 51 33 13-0036		**Welded Stainless Steel Ladder Cages** *(05 51 33 13-0013)*		
05 51 33 13-0037	EA	7-1/2' Length, Welded Stainless Steel Ladder Cage	6,265.14	193.28
05 51 33 13-0038	EA	8-1/2' Length, Welded Stainless Steel Ladder Cage	6,694.14	199.71
05 51 33 13-0039	EA	9-1/2' Length, Welded Stainless Steel Ladder Cage	7,409.39	206.16
05 51 33 13-0040	EA	10-1/2' Length, Welded Stainless Steel Ladder Cage	7,761.64	212.60
05 51 33 13-0041	EA	11-1/2' Length, Welded Stainless Steel Ladder Cage	8,057.84	219.05
05 51 33 13-0042	EA	12-1/2' Length, Welded Stainless Steel Ladder Cage	8,451.40	225.49
05 51 33 13-0043	EA	13-1/2' Length, Welded Stainless Steel Ladder Cage	9,160.75	231.94
05 51 33 13-0044	EA	14-1/2' Length, Welded Stainless Steel Ladder Cage	9,518.92	238.37
05 51 33 13-0045	EA	15-1/2' Length, Welded Stainless Steel Ladder Cage	9,888.88	244.82
05 51 33 13-0046	EA	16-1/2' Length, Welded Stainless Steel Ladder Cage	10,294.27	251.26
05 51 33 13-0047	EA	17-1/2' Length, Welded Stainless Steel Ladder Cage	11,018.37	257.70
05 51 33 13-0048	EA	18-1/2' Length, Welded Stainless Steel Ladder Cage	11,379.48	264.15
05 51 33 13-0049	EA	19-1/2' Length, Welded Stainless Steel Ladder Cage	11,722.89	270.58
05 51 33 13-0050	EA	20-1/2' Length, Welded Stainless Steel Ladder Cage	12,293.54	277.03
05 51 33 13-0051	EA	21-1/2' Length, Welded Stainless Steel Ladder Cage	12,935.00	283.47
05 51 33 13-0052	EA	22-1/2' Length, Welded Stainless Steel Ladder Cage	13,290.22	289.92
05 51 33 13-0053	EA	23-1/2' Length, Welded Stainless Steel Ladder Cage	13,654.29	296.36
05 51 33 13-0054	EA	24-1/2' Length, Welded Stainless Steel Ladder Cage	13,994.74	302.80
05 51 33 13-0055	EA	25-1/2' Length, Welded Stainless Steel Ladder Cage	14,872.30	309.24
05 51 33 13-0056	EA	26-1/2' Length, Welded Stainless Steel Ladder Cage	15,212.76	315.68
05 51 33 13-0057	EA	27-1/2' Length, Welded Stainless Steel Ladder Cage	15,562.06	322.13
05 51 33 16		**Inclined Metal Ladders** *(05 51 33)*		
05 51 33 16-0001		**Industrial Ship Ladder, Incline Stairs** *(05 51 33 16)* Note: Includes factory prime.		
05 51 33 16-0002	RSR	3' Wide Industrial Steel Ship Ladder With 2 Rails Each Side	408.86	64.42
		For Aluminum, Add	*140.01*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

05 51 33 23 Alternating Tread Ladders *(05 51 33)*

05 51 33 23-0001 Vertical Ladders With Alternating Tread *(05 51 33 23)*

05 51 33 23-0002	EA	4' Vertical Height Aluminum Alternating Tread Ladder	2,862.00	193.28
		For Stainless Steel, Add	*266.13*	
		For Primed Steel, Deduct	*-221.78*	
05 51 33 23-0003	EA	5' Vertical Height Aluminum Alternating Tread Ladder	3,281.40	204.88
		For Stainless Steel, Add	*324.28*	
		For Primed Steel, Deduct	*-252.93*	
05 51 33 23-0004	EA	6' Vertical Height Aluminum Alternating Tread Ladder	3,648.52	204.88
		For Stainless Steel, Add	*384.97*	
		For Primed Steel, Deduct	*-281.33*	
05 51 33 23-0005	EA	7' Vertical Height Aluminum Alternating Tread Ladder	4,159.89	257.44
		For Stainless Steel, Add	*445.62*	
		For Primed Steel, Deduct	*-305.33*	
05 51 33 23-0006	EA	8' Vertical Height Aluminum Alternating Tread Ladder	4,571.96	266.57
		For Stainless Steel, Add	*515.67*	
		For Primed Steel, Deduct	*-331.50*	
05 51 33 23-0007	EA	9' Vertical Height Aluminum Alternating Tread Ladder	4,896.35	266.57
		For Stainless Steel, Add	*581.12*	
		For Primed Steel, Deduct	*-350.68*	
05 51 33 23-0008	EA	10' Vertical Height Aluminum Alternating Tread Ladder	5,375.87	297.35
		For Stainless Steel, Add	*657.71*	
		For Primed Steel, Deduct	*-372.70*	
05 51 33 23-0009	EA	11' Vertical Height Aluminum Alternating Tread Ladder	5,739.32	297.35
		For Stainless Steel, Add	*735.96*	
		For Primed Steel, Deduct	*-391.72*	
05 51 33 23-0010	EA	12' Vertical Height Aluminum Alternating Tread Ladder	6,022.09	297.35
		For Stainless Steel, Add	*804.95*	
		For Primed Steel, Deduct	*-402.47*	

05 52 Metal Railings *(05 50)*

05 52 13 Pipe and Tube Railings *(05 52)*

Note: Includes embedded steel sleeves, grouting, connection bolts (where necessary) and drilling of bolt (where necessary).

05 52 13 00-0001 Welded Steel Pipe Railing *(05 52 13)*

Note: Includes field welds and touch-up of welds.

05 52 13 00-0002 Two Rail, Up To 42" High, Welded Steel Pipe Railings *(05 52 13 00-0001)*

Note: Includes factory primed posts and two rails.

05 52 13 00-0003	LF	1" Diameter, Schedule 40, Two Rail, Up To 42" High, Welded Steel Pipe Railing	54.64	12.89
		For 1/2" Diameter Pickets, >2" To 3" On Center, Add	*49.05*	
		For 1/2" Diameter Pickets, >3" To 4-1/2" On Center, Add	*36.14*	
		For 1/2" Diameter Pickets, >4-1/2" To 6" On Center, Add	*23.24*	
		For 3/4" Diameter Pickets, >2" To 3" On Center, Add	*61.66*	
		For 3/4" Diameter Pickets, >3" To 4-1/2" On Center, Add	*45.44*	
		For 3/4" Diameter Pickets, >4-1/2" To 6" On Center, Add	*29.22*	
		For 1" Diameter Pickets, >2" To 3" On Center, Add	*86.71*	
		For 1" Diameter Pickets, >3" To 4-1/2" On Center, Add	*63.90*	
		For 1" Diameter Pickets, >4-1/2" To 6" On Center, Add	*41.08*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-6.35*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-7.22*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-9.53*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-11.26*	
		For ADA Handrail P-Loop End Return, Add Per Each	*58.78*	
		For Additional Off Set Handrail, ADA Attachment, Add	*15.05*	
		For Aluminum, Satin Finish, Add	*12.13*	
		For Aluminum, Clear Anodized Finish, Add	*18.77*	
		For Aluminum, Dark Anodized Finish, Add	*21.65*	
		For Galvanizing, Add	*11.55*	
		For Wrought Iron, Add	*5.46*	
		For Solid Steel Rails, Add	*10.93*	
		For 304 Stainless Steel, Add	*92.38*	
		For 316 Stainless Steel, Add	*103.93*	
		For 2" Wheel Guard, Add	*2.74*	
		For 4" High Kick Plate, Add	*3.61*	
		For 6" High Kick Plate, Add	*5.77*	
		For Curved Rail, Add	*25.05*	
		For Mounting On Stairs, Add	*16.39*	
		For Mounting On Slopes, Add	*5.46*	
		For Post Base Flange With Screws, Add Per Post	*20.08*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*30.37*	
		For Custom Design Or Shapes (Square Tops, etc), Add	*20.88*	
		For Nylon Coating, Add	*4.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 52 13 00-0004	LF	1-1/4" Diameter, Schedule 40, Two Rail, Up To 42" High, Welded Steel Pipe Railing	59.62	12.89
		For 1/2" Diameter Pickets, >2" To 3" On Center, Add	*49.05*	
		For 1/2" Diameter Pickets, >3" To 4-1/2" On Center, Add	*36.14*	
		For 1/2" Diameter Pickets, >4-1/2" To 6" On Center, Add	*23.24*	
		For 3/4" Diameter Pickets, >2" To 3" On Center, Add	*61.66*	
		For 3/4" Diameter Pickets, >3" To 4-1/2" On Center, Add	*45.44*	
		For 3/4" Diameter Pickets, >4-1/2" To 6" On Center, Add	*29.22*	
		For 1" Diameter Pickets, >2" To 3" On Center, Add	*86.71*	
		For 1" Diameter Pickets, >3" To 4-1/2" On Center, Add	*63.90*	
		For 1" Diameter Pickets, >4-1/2" To 6" On Center, Add	*41.08*	
		For 1-1/4" Diameter Pickets, >3" To 4-1/2" On Center, Add	*86.52*	
		For 1-1/4" Diameter Pickets, >4-1/2" To 6" On Center, Add	*59.18*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-7.45*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-8.46*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-11.17*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-13.20*	
		For ADA Handrail P-Loop End Return, Add Per Each	*74.22*	
		For Additional Off Set Handrail, ADA Attachment, Add	*16.76*	
		For Aluminum, Satin Finish, Add	*14.22*	
		For Aluminum, Clear Anodized Finish, Add	*22.00*	
		For Aluminum, Dark Anodized Finish, Add	*25.39*	
		For Galvanizing, Add	*13.54*	
		For Wrought Iron, Add	*5.96*	
		For Solid Steel Rails, Add	*11.92*	
		For 304 Stainless Steel, Add	*108.32*	
		For 316 Stainless Steel, Add	*121.86*	
		For 2" Wheel Guard, Add	*3.22*	
		For 4" High Kick Plate, Add	*4.23*	
		For 6" High Kick Plate, Add	*6.77*	
		For Curved Rail, Add	*28.04*	
		For Mounting On Stairs, Add	*17.89*	
		For Mounting On Slopes, Add	*5.96*	
		For Post Base Flange With Screws, Add Per Post	*20.08*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*30.37*	
		For Custom Design Or Shapes (Square Tops, etc), Add	*23.37*	
		For Nylon Coating, Add	*5.08*	
		For Schedule 80 Handrail, Add	*14.57*	
05 52 13 00-0005	LF	1-1/2" Diameter, Schedule 40, Two Rail, Up To 42" High, Welded Steel Pipe Railing	64.59	12.89
		For 1/2" Diameter Pickets, >2" To 3" On Center, Add	*49.05*	
		For 1/2" Diameter Pickets, >3" To 4-1/2" On Center, Add	*36.14*	
		For 1/2" Diameter Pickets, >4-1/2" To 6" On Center, Add	*23.24*	
		For 3/4" Diameter Pickets, >2" To 3" On Center, Add	*61.66*	
		For 3/4" Diameter Pickets, >3" To 4-1/2" On Center, Add	*45.44*	
		For 3/4" Diameter Pickets, >4-1/2" To 6" On Center, Add	*29.22*	
		For 1" Diameter Pickets, >2" To 3" On Center, Add	*86.71*	
		For 1" Diameter Pickets, >3" To 4-1/2" On Center, Add	*63.90*	
		For 1" Diameter Pickets, >4-1/2" To 6" On Center, Add	*41.08*	
		For 1-1/4" Diameter Pickets, >3" To 4-1/2" On Center, Add	*86.52*	
		For 1-1/4" Diameter Pickets, >4-1/2" To 6" On Center, Add	*59.18*	
		For 1-1/2" Diameter Pickets, >3" To 4-1/2" On Center, Add	*101.51*	
		For 1-1/2" Diameter Pickets, >4-1/2" To 6" On Center, Add	*68.82*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-8.54*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-9.71*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-12.81*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-15.14*	
		For ADA Handrail P-Loop End Return, Add Per Each	*86.07*	
		For Additional Off Set Handrail, ADA Attachment, Add	*18.46*	
		For Aluminum, Satin Finish, Add	*16.30*	
		For Aluminum, Clear Anodized Finish, Add	*25.23*	
		For Aluminum, Dark Anodized Finish, Add	*29.12*	
		For Galvanizing, Add	*15.53*	
		For Wrought Iron, Add	*6.46*	
		For Solid Steel Rails, Add	*12.92*	
		For 304 Stainless Steel, Add	*124.22*	
		For 316 Stainless Steel, Add	*139.75*	
		For 2" Wheel Guard, Add	*3.69*	
		For 4" High Kick Plate, Add	*4.85*	
		For 6" High Kick Plate, Add	*7.76*	
		For Curved Rail, Add	*31.02*	
		For Mounting On Stairs, Add	*19.38*	
		For Mounting On Slopes, Add	*6.46*	
		For Post Base Flange With Screws, Add Per Post	*20.08*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*30.37*	
		For Custom Design Or Shapes (Square Tops, etc), Add	*25.85*	
		For Nylon Coating, Add	*5.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 52 13 00-0006	LF	2" Diameter, Schedule 40, Two Rail, Up To 42" High, Welded Steel Pipe Railing	73.21	12.89
		For 1/2" Diameter Pickets, >2" To 3" On Center, Add	*49.05*	
		For 1/2" Diameter Pickets, >3" To 4-1/2" On Center, Add	*36.14*	
		For 1/2" Diameter Pickets, >4-1/2" To 6" On Center, Add	*23.24*	
		For 3/4" Diameter Pickets, >2" To 3" On Center, Add	*61.66*	
		For 3/4" Diameter Pickets, >3" To 4-1/2" On Center, Add	*45.44*	
		For 3/4" Diameter Pickets, >4-1/2" To 6" On Center, Add	*29.22*	
		For 1" Diameter Pickets, >2" To 3" On Center, Add	*86.71*	
		For 1" Diameter Pickets, >3" To 4-1/2" On Center, Add	*63.90*	
		For 1" Diameter Pickets, >4-1/2" To 6" On Center, Add	*41.08*	
		For 1-1/4" Diameter Pickets, >3" To 4-1/2" On Center, Add	*86.52*	
		For 1-1/4" Diameter Pickets, >4-1/2" To 6" On Center, Add	*59.18*	
		For 1-1/2" Diameter Pickets, >3" To 4-1/2" On Center, Add	*101.51*	
		For 1-1/2" Diameter Pickets, >4-1/2" To 6" On Center, Add	*68.82*	
		For 2" Diameter Pickets, >3" To 4-1/2" On Center, Add	*132.90*	
		For 2" Diameter Pickets, >4-1/2" To 6" On Center, Add	*88.99*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-10.44*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-11.86*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-15.66*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-18.50*	
		For ADA Handrail P-Loop End Return, Add Per Each	*109.64*	
		For Additional Off Set Handrail, ADA Attachment, Add	*21.42*	
		For Aluminum, Satin Finish, Add	*19.92*	
		For Aluminum, Clear Anodized Finish, Add	*30.84*	
		For Aluminum, Dark Anodized Finish, Add	*35.58*	
		For Galvanizing, Add	*18.98*	
		For Wrought Iron, Add	*7.32*	
		For Solid Steel Rails, Add	*14.64*	
		For 304 Stainless Steel, Add	*151.81*	
		For 316 Stainless Steel, Add	*170.78*	
		For 2" Wheel Guard, Add	*4.51*	
		For 4" High Kick Plate, Add	*5.93*	
		For 6" High Kick Plate, Add	*9.49*	
		For Curved Rail, Add	*36.20*	
		For Mounting On Stairs, Add	*21.96*	
		For Mounting On Slopes, Add	*7.32*	
		For Post Base Flange With Screws, Add Per Post	*20.08*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*30.37*	
		For Custom Design Or Shapes (Square Tops, etc), Add	*30.16*	
		For Nylon Coating, Add	*7.12*	
05 52 13 00-0007	LF	2-1/2" Diameter, Schedule 40, Two Rail, Up To 42" High, Welded Steel Pipe Railing	83.55	12.89
		For 1/2" Diameter Pickets, >2" To 3" On Center, Add	*49.05*	
		For 1/2" Diameter Pickets, >3" To 4-1/2" On Center, Add	*36.14*	
		For 1/2" Diameter Pickets, >4-1/2" To 6" On Center, Add	*23.24*	
		For 3/4" Diameter Pickets, >2" To 3" On Center, Add	*61.66*	
		For 3/4" Diameter Pickets, >3" To 4-1/2" On Center, Add	*45.44*	
		For 3/4" Diameter Pickets, >4-1/2" To 6" On Center, Add	*29.22*	
		For 1" Diameter Pickets, >2" To 3" On Center, Add	*86.71*	
		For 1" Diameter Pickets, >3" To 4-1/2" On Center, Add	*63.90*	
		For 1" Diameter Pickets, >4-1/2" To 6" On Center, Add	*41.08*	
		For 1-1/4" Diameter Pickets, >3" To 4-1/2" On Center, Add	*86.52*	
		For 1-1/4" Diameter Pickets, >4-1/2" To 6" On Center, Add	*59.18*	
		For 1-1/2" Diameter Pickets, >3" To 4-1/2" On Center, Add	*101.51*	
		For 1-1/2" Diameter Pickets, >4-1/2" To 6" On Center, Add	*68.82*	
		For 2" Diameter Pickets, >3" To 4-1/2" On Center, Add	*132.90*	
		For 2" Diameter Pickets, >4-1/2" To 6" On Center, Add	*88.99*	
		For 2-1/2" Diameter Pickets, >4-1/2" To 6" On Center, Add	*135.33*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-12.71*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-14.45*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-19.07*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-22.53*	
		For ADA Handrail P-Loop End Return, Add Per Each	*162.28*	
		For Additional Off Set Handrail, ADA Attachment, Add	*24.97*	
		For Aluminum, Satin Finish, Add	*24.27*	
		For Aluminum, Clear Anodized Finish, Add	*37.56*	
		For Aluminum, Dark Anodized Finish, Add	*43.34*	
		For Galvanizing, Add	*23.11*	
		For Wrought Iron, Add	*8.36*	
		For Solid Steel Rails, Add	*16.71*	
		For 304 Stainless Steel, Add	*184.90*	
		For 316 Stainless Steel, Add	*208.01*	
		For 2" Wheel Guard, Add	*5.49*	
		For 4" High Kick Plate, Add	*7.22*	
		For 6" High Kick Plate, Add	*11.56*	
		For Curved Rail, Add	*42.40*	
		For Mounting On Stairs, Add	*25.07*	
		For Mounting On Slopes, Add	*8.36*	
		For Post Base Flange With Screws, Add Per Post	*20.08*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*30.37*	
		For Custom Design Or Shapes (Square Tops, etc), Add	*35.33*	
		For Nylon Coating, Add	*8.67*	

05 52 13 00-0008 Three Rail, Up To 42" High, Welded Steel Pipe Railings *(05 52 13 00-0001)*
Note: Includes factory primed posts and three rails.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 52 13 00-0009	LF	1" Diameter, Schedule 40, Three Rail, Up To 42" High, Welded Steel Pipe Railing	83.97	15.46
		For 1/2" Diameter Pickets, >2" To 3" On Center, Add	*49.05*	
		For 1/2" Diameter Pickets, >3" To 4-1/2" On Center, Add	*36.14*	
		For 1/2" Diameter Pickets, >4-1/2" To 6" On Center, Add	*23.24*	
		For 3/4" Diameter Pickets, >2" To 3" On Center, Add	*61.66*	
		For 3/4" Diameter Pickets, >3" To 4-1/2" On Center, Add	*45.44*	
		For 3/4" Diameter Pickets, >4-1/2" To 6" On Center, Add	*29.22*	
		For 1" Diameter Pickets, >2" To 3" On Center, Add	*86.71*	
		For 1" Diameter Pickets, >3" To 4-1/2" On Center, Add	*63.90*	
		For 1" Diameter Pickets, >4-1/2" To 6" On Center, Add	*41.08*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-11.67*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-13.26*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-17.51*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-20.69*	
		For ADA Handrail P-Loop End Return, Add Per Each	*58.78*	
		For Additional Off Set Handrail, ADA Attachment, Add	*16.08*	
		For Aluminum, Satin Finish, Add	*22.28*	
		For Aluminum, Clear Anodized Finish, Add	*34.48*	
		For Aluminum, Dark Anodized Finish, Add	*39.79*	
		For Galvanizing, Add	*21.22*	
		For Wrought Iron, Add	*8.40*	
		For Solid Steel Rails, Add	*16.79*	
		For 304 Stainless Steel, Add	*169.76*	
		For 316 Stainless Steel, Add	*190.98*	
		For 2" Wheel Guard, Add	*5.04*	
		For 4" High Kick Plate, Add	*6.63*	
		For 6" High Kick Plate, Add	*10.61*	
		For Curved Rail, Add	*41.11*	
		For Mounting On Stairs, Add	*25.19*	
		For Mounting On Slopes, Add	*8.40*	
		For Post Base Flange With Screws, Add Per Post	*20.59*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*31.14*	
		For Custom Design Or Shapes (Square Tops, etc), Add	*34.26*	
		For Nylon Coating, Add	*7.96*	
05 52 13 00-0010	LF	1-1/4" Diameter, Schedule 40, Three Rail, Up To 42" High, Welded Steel Pipe Railing	93.10	15.46
		For 1/2" Diameter Pickets, >2" To 3" On Center, Add	*49.05*	
		For 1/2" Diameter Pickets, >3" To 4-1/2" On Center, Add	*36.14*	
		For 1/2" Diameter Pickets, >4-1/2" To 6" On Center, Add	*23.24*	
		For 3/4" Diameter Pickets, >2" To 3" On Center, Add	*61.66*	
		For 3/4" Diameter Pickets, >3" To 4-1/2" On Center, Add	*45.44*	
		For 3/4" Diameter Pickets, >4-1/2" To 6" On Center, Add	*29.22*	
		For 1" Diameter Pickets, >2" To 3" On Center, Add	*86.71*	
		For 1" Diameter Pickets, >3" To 4-1/2" On Center, Add	*63.90*	
		For 1" Diameter Pickets, >4-1/2" To 6" On Center, Add	*41.08*	
		For 1-1/4" Diameter Pickets, >3" To 4-1/2" On Center, Add	*86.52*	
		For 1-1/4" Diameter Pickets, >4-1/2" To 6" On Center, Add	*59.18*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-13.68*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-15.55*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-20.52*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-24.25*	
		For ADA Handrail P-Loop End Return, Add Per Each	*74.22*	
		For Additional Off Set Handrail, ADA Attachment, Add	*17.79*	
		For Aluminum, Satin Finish, Add	*26.12*	
		For Aluminum, Clear Anodized Finish, Add	*40.42*	
		For Aluminum, Dark Anodized Finish, Add	*46.64*	
		For Galvanizing, Add	*24.87*	
		For Wrought Iron, Add	*9.31*	
		For Solid Steel Rails, Add	*18.62*	
		For 304 Stainless Steel, Add	*198.98*	
		For 316 Stainless Steel, Add	*223.85*	
		For 2" Wheel Guard, Add	*5.91*	
		For 4" High Kick Plate, Add	*7.77*	
		For 6" High Kick Plate, Add	*12.44*	
		For Curved Rail, Add	*46.58*	
		For Mounting On Stairs, Add	*27.93*	
		For Mounting On Slopes, Add	*9.31*	
		For Post Base Flange With Screws, Add Per Post	*20.59*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*31.14*	
		For Custom Design Or Shapes (Square Tops, etc), Add	*38.82*	
		For Nylon Coating, Add	*9.33*	
		For Schedule 80 Handrail, Add	*20.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 52 13 00-0011	LF	1-1/2" Diameter, Schedule 40, Three Rail, Up To 42" High, Welded Steel Pipe Railing	102.23	15.46
		For 1/2" Diameter Pickets, >2" To 3" On Center, Add	*49.05*	
		For 1/2" Diameter Pickets, >3" To 4-1/2" On Center, Add	*36.14*	
		For 1/2" Diameter Pickets, >4-1/2" To 6" On Center, Add	*23.24*	
		For 3/4" Diameter Pickets, >2" To 3" On Center, Add	*61.66*	
		For 3/4" Diameter Pickets, >3" To 4-1/2" On Center, Add	*45.44*	
		For 3/4" Diameter Pickets, >4-1/2" To 6" On Center, Add	*29.22*	
		For 1" Diameter Pickets, >2" To 3" On Center, Add	*86.71*	
		For 1" Diameter Pickets, >3" To 4-1/2" On Center, Add	*63.90*	
		For 1" Diameter Pickets, >4-1/2" To 6" On Center, Add	*41.08*	
		For 1-1/4" Diameter Pickets, >3" To 4-1/2" On Center, Add	*86.52*	
		For 1-1/4" Diameter Pickets, >4-1/2" To 6" On Center, Add	*59.18*	
		For 1-1/2" Diameter Pickets, >3" To 4-1/2" On Center, Add	*101.51*	
		For 1-1/2" Diameter Pickets, >4-1/2" To 6" On Center, Add	*68.82*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-15.69*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-17.83*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-23.53*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-27.81*	
		For ADA Handrail P-Loop End Return, Add Per Each	*86.07*	
		For Additional Off Set Handrail, ADA Attachment, Add	*19.49*	
		For Aluminum, Satin Finish, Add	*29.95*	
		For Aluminum, Clear Anodized Finish, Add	*46.35*	
		For Aluminum, Dark Anodized Finish, Add	*53.48*	
		For Galvanizing, Add	*28.52*	
		For Wrought Iron, Add	*10.22*	
		For Solid Steel Rails, Add	*20.45*	
		For 304 Stainless Steel, Add	*228.19*	
		For 316 Stainless Steel, Add	*256.72*	
		For 2" Wheel Guard, Add	*6.77*	
		For 4" High Kick Plate, Add	*8.91*	
		For 6" High Kick Plate, Add	*14.26*	
		For Curved Rail, Add	*52.06*	
		For Mounting On Stairs, Add	*30.67*	
		For Mounting On Slopes, Add	*10.22*	
		For Post Base Flange With Screws, Add Per Post	*20.59*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*31.14*	
		For Custom Design Or Shapes (Square Tops, etc), Add	*43.39*	
		For Nylon Coating, Add	*10.70*	
05 52 13 00-0012	LF	2" Diameter, Schedule 40, Three Rail, Up To 42" High, Welded Steel Pipe Railing	118.11	15.46
		For 1/2" Diameter Pickets, >2" To 3" On Center, Add	*49.05*	
		For 1/2" Diameter Pickets, >3" To 4-1/2" On Center, Add	*36.14*	
		For 1/2" Diameter Pickets, >4-1/2" To 6" On Center, Add	*23.24*	
		For 3/4" Diameter Pickets, >2" To 3" On Center, Add	*61.66*	
		For 3/4" Diameter Pickets, >3" To 4-1/2" On Center, Add	*45.44*	
		For 3/4" Diameter Pickets, >4-1/2" To 6" On Center, Add	*29.22*	
		For 1" Diameter Pickets, >2" To 3" On Center, Add	*86.71*	
		For 1" Diameter Pickets, >3" To 4-1/2" On Center, Add	*63.90*	
		For 1" Diameter Pickets, >4-1/2" To 6" On Center, Add	*41.08*	
		For 1-1/4" Diameter Pickets, >3" To 4-1/2" On Center, Add	*86.52*	
		For 1-1/4" Diameter Pickets, >4-1/2" To 6" On Center, Add	*59.18*	
		For 1-1/2" Diameter Pickets, >3" To 4-1/2" On Center, Add	*101.51*	
		For 1-1/2" Diameter Pickets, >4-1/2" To 6" On Center, Add	*68.82*	
		For 2" Diameter Pickets, >3" To 4-1/2" On Center, Add	*132.90*	
		For 2" Diameter Pickets, >4-1/2" To 6" On Center, Add	*88.99*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-19.18*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-21.80*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-28.77*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-34.00*	
		For ADA Handrail P-Loop End Return, Add Per Each	*109.64*	
		For Additional Off Set Handrail, ADA Attachment, Add	*22.45*	
		For Aluminum, Satin Finish, Add	*36.62*	
		For Aluminum, Clear Anodized Finish, Add	*56.67*	
		For Aluminum, Dark Anodized Finish, Add	*65.39*	
		For Galvanizing, Add	*34.88*	
		For Wrought Iron, Add	*11.81*	
		For Solid Steel Rails, Add	*23.62*	
		For 304 Stainless Steel, Add	*279.01*	
		For 316 Stainless Steel, Add	*313.88*	
		For 2" Wheel Guard, Add	*8.28*	
		For 4" High Kick Plate, Add	*10.90*	
		For 6" High Kick Plate, Add	*17.44*	
		For Curved Rail, Add	*61.59*	
		For Mounting On Stairs, Add	*35.43*	
		For Mounting On Slopes, Add	*11.81*	
		For Post Base Flange With Screws, Add Per Post	*20.59*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*31.14*	
		For Custom Design Or Shapes (Square Tops, etc), Add	*51.33*	
		For Nylon Coating, Add	*13.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 52 13 00-0013	LF	2-1/2" Diameter, Schedule 40, Three Rail, Up To 42" High, Welded Steel Pipe Railing	137.01	15.46
		For 1/2" Diameter Pickets, >2" To 3" On Center, Add	*49.05*	
		For 1/2" Diameter Pickets, >3" To 4-1/2" On Center, Add	*36.14*	
		For 1/2" Diameter Pickets, >4-1/2" To 6" On Center, Add	*23.24*	
		For 3/4" Diameter Pickets, >2" To 3" On Center, Add	*61.66*	
		For 3/4" Diameter Pickets, >3" To 4-1/2" On Center, Add	*45.44*	
		For 3/4" Diameter Pickets, >4-1/2" To 6" On Center, Add	*29.22*	
		For 1" Diameter Pickets, >2" To 3" On Center, Add	*86.71*	
		For 1" Diameter Pickets, >3" To 4-1/2" On Center, Add	*63.90*	
		For 1" Diameter Pickets, >4-1/2" To 6" On Center, Add	*41.08*	
		For 1-1/4" Diameter Pickets, >3" To 4-1/2" On Center, Add	*86.52*	
		For 1-1/4" Diameter Pickets, >4-1/2" To 6" On Center, Add	*59.18*	
		For 1-1/2" Diameter Pickets, >3" To 4-1/2" On Center, Add	*101.51*	
		For 1-1/2" Diameter Pickets, >4-1/2" To 6" On Center, Add	*68.82*	
		For 2" Diameter Pickets, >3" To 4-1/2" On Center, Add	*132.90*	
		For 2" Diameter Pickets, >4-1/2" To 6" On Center, Add	*88.99*	
		For 2-1/2" Diameter Pickets, >4-1/2" To 6" On Center, Add	*135.33*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-23.34*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-26.52*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-35.01*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-41.38*	
		For ADA Handrail P-Loop End Return, Add Per Each	*162.28*	
		For Additional Off Set Handrail, ADA Attachment, Add	*26.00*	
		For Aluminum, Satin Finish, Add	*44.56*	
		For Aluminum, Clear Anodized Finish, Add	*68.96*	
		For Aluminum, Dark Anodized Finish, Add	*79.57*	
		For Galvanizing, Add	*42.44*	
		For Wrought Iron, Add	*13.70*	
		For Solid Steel Rails, Add	*27.40*	
		For 304 Stainless Steel, Add	*339.49*	
		For 316 Stainless Steel, Add	*381.92*	
		For 2" Wheel Guard, Add	*10.08*	
		For 4" High Kick Plate, Add	*13.26*	
		For 6" High Kick Plate, Add	*21.22*	
		For Curved Rail, Add	*72.93*	
		For Mounting On Stairs, Add	*41.10*	
		For Mounting On Slopes, Add	*13.70*	
		For Post Base Flange With Screws, Add Per Post	*20.59*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*31.14*	
		For Custom Design Or Shapes (Square Tops, etc), Add	*60.78*	
		For Nylon Coating, Add	*15.91*	

05 52 13 00-0014 Four Rail, Up To 42" High, Welded Steel Pipe Railings *(05 52 13 00-0001)*

Note: Includes factory primed posts and four rails.

05 52 13 00-0015	LF	1" Diameter, Schedule 40, Four Rail, Up To 42" High, Welded Steel Pipe Railing	101.17	18.04
		For 1/2" Diameter Pickets, >2" To 3" On Center, Add	*49.05*	
		For 1/2" Diameter Pickets, >3" To 4-1/2" On Center, Add	*36.14*	
		For 1/2" Diameter Pickets, >4-1/2" To 6" On Center, Add	*23.24*	
		For 3/4" Diameter Pickets, >2" To 3" On Center, Add	*61.66*	
		For 3/4" Diameter Pickets, >3" To 4-1/2" On Center, Add	*45.44*	
		For 3/4" Diameter Pickets, >4-1/2" To 6" On Center, Add	*29.22*	
		For 1" Diameter Pickets, >2" To 3" On Center, Add	*86.71*	
		For 1" Diameter Pickets, >3" To 4-1/2" On Center, Add	*63.90*	
		For 1" Diameter Pickets, >4-1/2" To 6" On Center, Add	*41.08*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-14.32*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-16.28*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-21.48*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-25.39*	
		For ADA Handrail P-Loop End Return, Add Per Each	*58.78*	
		For Additional Off Set Handrail, ADA Attachment, Add	*17.11*	
		For Aluminum, Satin Finish, Add	*27.34*	
		For Aluminum, Clear Anodized Finish, Add	*42.32*	
		For Aluminum, Dark Anodized Finish, Add	*48.83*	
		For Galvanizing, Add	*26.04*	
		For Wrought Iron, Add	*10.12*	
		For Solid Steel Rails, Add	*20.23*	
		For 304 Stainless Steel, Add	*208.32*	
		For 316 Stainless Steel, Add	*234.36*	
		For 2" Wheel Guard, Add	*6.18*	
		For 4" High Kick Plate, Add	*8.14*	
		For 6" High Kick Plate, Add	*13.02*	
		For Curved Rail, Add	*49.88*	
		For Mounting On Stairs, Add	*30.35*	
		For Mounting On Slopes, Add	*10.12*	
		For Post Base Flange With Screws, Add Per Post	*21.11*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*31.91*	
		For Custom Design Or Shapes (Square Tops, etc), Add	*41.57*	
		For Nylon Coating, Add	*9.77*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 52 13 00-0016	LF	1-1/4" Diameter, Schedule 40, Four Rail, Up To 42" High, Welded Steel Pipe Railing	109.28	18.04
		For 1/2" Diameter Pickets, >2" To 3" On Center, Add	*49.05*	
		For 1/2" Diameter Pickets, >3" To 4-1/2" On Center, Add	*36.14*	
		For 1/2" Diameter Pickets, >4-1/2" To 6" On Center, Add	*23.24*	
		For 3/4" Diameter Pickets, >2" To 3" On Center, Add	*61.66*	
		For 3/4" Diameter Pickets, >3" To 4-1/2" On Center, Add	*45.44*	
		For 3/4" Diameter Pickets, >4-1/2" To 6" On Center, Add	*29.22*	
		For 1" Diameter Pickets, >2" To 3" On Center, Add	*86.71*	
		For 1" Diameter Pickets, >3" To 4-1/2" On Center, Add	*63.90*	
		For 1" Diameter Pickets, >4-1/2" To 6" On Center, Add	*41.08*	
		For 1-1/4" Diameter Pickets, >3" To 4-1/2" On Center, Add	*86.52*	
		For 1-1/4" Diameter Pickets, >4-1/2" To 6" On Center, Add	*59.18*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-16.11*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-18.30*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-24.16*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-28.55*	
		For ADA Handrail P-Loop End Return, Add Per Each	*74.22*	
		For Additional Off Set Handrail, ADA Attachment, Add	*18.82*	
		For Aluminum, Satin Finish, Add	*30.75*	
		For Aluminum, Clear Anodized Finish, Add	*47.59*	
		For Aluminum, Dark Anodized Finish, Add	*54.91*	
		For Galvanizing, Add	*29.28*	
		For Wrought Iron, Add	*10.93*	
		For Solid Steel Rails, Add	*21.86*	
		For 304 Stainless Steel, Add	*234.27*	
		For 316 Stainless Steel, Add	*263.56*	
		For 2" Wheel Guard, Add	*6.95*	
		For 4" High Kick Plate, Add	*9.15*	
		For 6" High Kick Plate, Add	*14.64*	
		For Curved Rail, Add	*54.75*	
		For Mounting On Stairs, Add	*32.78*	
		For Mounting On Slopes, Add	*10.93*	
		For Post Base Flange With Screws, Add Per Post	*21.11*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*31.91*	
		For Custom Design Or Shapes (Square Tops, etc), Add	*45.62*	
		For Nylon Coating, Add	*10.98*	
		For Schedule 80 Handrail, Add	*25.94*	
05 52 13 00-0017	LF	1-1/2" Diameter, Schedule 40, Four Rail, Up To 42" High, Welded Steel Pipe Railing	117.39	18.04
		For 1/2" Diameter Pickets, >2" To 3" On Center, Add	*49.05*	
		For 1/2" Diameter Pickets, >3" To 4-1/2" On Center, Add	*36.14*	
		For 1/2" Diameter Pickets, >4-1/2" To 6" On Center, Add	*23.24*	
		For 3/4" Diameter Pickets, >2" To 3" On Center, Add	*61.66*	
		For 3/4" Diameter Pickets, >3" To 4-1/2" On Center, Add	*45.44*	
		For 3/4" Diameter Pickets, >4-1/2" To 6" On Center, Add	*29.22*	
		For 1" Diameter Pickets, >2" To 3" On Center, Add	*86.71*	
		For 1" Diameter Pickets, >3" To 4-1/2" On Center, Add	*63.90*	
		For 1" Diameter Pickets, >4-1/2" To 6" On Center, Add	*41.08*	
		For 1-1/4" Diameter Pickets, >3" To 4-1/2" On Center, Add	*86.52*	
		For 1-1/4" Diameter Pickets, >4-1/2" To 6" On Center, Add	*59.18*	
		For 1-1/2" Diameter Pickets, >3" To 4-1/2" On Center, Add	*101.51*	
		For 1-1/2" Diameter Pickets, >4-1/2" To 6" On Center, Add	*68.82*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-17.89*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-20.33*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-26.84*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-31.71*	
		For ADA Handrail P-Loop End Return, Add Per Each	*86.07*	
		For Additional Off Set Handrail, ADA Attachment, Add	*20.52*	
		For Aluminum, Satin Finish, Add	*34.15*	
		For Aluminum, Clear Anodized Finish, Add	*52.86*	
		For Aluminum, Dark Anodized Finish, Add	*60.99*	
		For Galvanizing, Add	*32.53*	
		For Wrought Iron, Add	*11.74*	
		For Solid Steel Rails, Add	*23.48*	
		For 304 Stainless Steel, Add	*260.22*	
		For 316 Stainless Steel, Add	*292.75*	
		For 2" Wheel Guard, Add	*7.73*	
		For 4" High Kick Plate, Add	*10.17*	
		For 6" High Kick Plate, Add	*16.26*	
		For Curved Rail, Add	*59.61*	
		For Mounting On Stairs, Add	*35.22*	
		For Mounting On Slopes, Add	*11.74*	
		For Post Base Flange With Screws, Add Per Post	*21.11*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*31.91*	
		For Custom Design Or Shapes (Square Tops, etc), Add	*49.68*	
		For Nylon Coating, Add	*12.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 52 13 00-0018	LF	2" Diameter, Schedule 40, Four Rail, Up To 42" High, Welded Steel Pipe Railing	135.46	18.04
		For 1/2" Diameter Pickets, >2" To 3" On Center, Add	*49.05*	
		For 1/2" Diameter Pickets, >3" To 4-1/2" On Center, Add	*36.14*	
		For 1/2" Diameter Pickets, >4-1/2" To 6" On Center, Add	*23.24*	
		For 3/4" Diameter Pickets, >2" To 3" On Center, Add	*61.66*	
		For 3/4" Diameter Pickets, >3" To 4-1/2" On Center, Add	*45.44*	
		For 3/4" Diameter Pickets, >4-1/2" To 6" On Center, Add	*29.22*	
		For 1" Diameter Pickets, >2" To 3" On Center, Add	*86.71*	
		For 1" Diameter Pickets, >3" To 4-1/2" On Center, Add	*63.90*	
		For 1" Diameter Pickets, >4-1/2" To 6" On Center, Add	*41.08*	
		For 1-1/4" Diameter Pickets, >3" To 4-1/2" On Center, Add	*86.52*	
		For 1-1/4" Diameter Pickets, >4-1/2" To 6" On Center, Add	*59.18*	
		For 1-1/2" Diameter Pickets, >3" To 4-1/2" On Center, Add	*101.51*	
		For 1-1/2" Diameter Pickets, >4-1/2" To 6" On Center, Add	*68.82*	
		For 2" Diameter Pickets, >3" To 4-1/2" On Center, Add	*132.90*	
		For 2" Diameter Pickets, >4-1/2" To 6" On Center, Add	*88.99*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-21.87*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-24.85*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-32.80*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-38.76*	
		For ADA Handrail P-Loop End Return, Add Per Each	*109.64*	
		For Additional Off Set Handrail, ADA Attachment, Add	*23.48*	
		For Aluminum, Satin Finish, Add	*41.74*	
		For Aluminum, Clear Anodized Finish, Add	*64.60*	
		For Aluminum, Dark Anodized Finish, Add	*74.54*	
		For Galvanizing, Add	*39.76*	
		For Wrought Iron, Add	*13.55*	
		For Solid Steel Rails, Add	*27.09*	
		For 304 Stainless Steel, Add	*318.05*	
		For 316 Stainless Steel, Add	*357.80*	
		For 2" Wheel Guard, Add	*9.44*	
		For 4" High Kick Plate, Add	*12.42*	
		For 6" High Kick Plate, Add	*19.88*	
		For Curved Rail, Add	*70.46*	
		For Mounting On Stairs, Add	*40.64*	
		For Mounting On Slopes, Add	*13.55*	
		For Post Base Flange With Screws, Add Per Post	*21.11*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*31.91*	
		For Custom Design Or Shapes (Square Tops, etc), Add	*58.71*	
		For Nylon Coating, Add	*14.91*	
05 52 13 00-0019	LF	2-1/2" Diameter, Schedule 40, Four Rail, Up To 42" High, Welded Steel Pipe Railing	156.63	18.04
		For 1/2" Diameter Pickets, >2" To 3" On Center, Add	*49.05*	
		For 1/2" Diameter Pickets, >3" To 4-1/2" On Center, Add	*36.14*	
		For 1/2" Diameter Pickets, >4-1/2" To 6" On Center, Add	*23.24*	
		For 3/4" Diameter Pickets, >2" To 3" On Center, Add	*61.66*	
		For 3/4" Diameter Pickets, >3" To 4-1/2" On Center, Add	*45.44*	
		For 3/4" Diameter Pickets, >4-1/2" To 6" On Center, Add	*29.22*	
		For 1" Diameter Pickets, >2" To 3" On Center, Add	*86.71*	
		For 1" Diameter Pickets, >3" To 4-1/2" On Center, Add	*63.90*	
		For 1" Diameter Pickets, >4-1/2" To 6" On Center, Add	*41.08*	
		For 1-1/4" Diameter Pickets, >3" To 4-1/2" On Center, Add	*86.52*	
		For 1-1/4" Diameter Pickets, >4-1/2" To 6" On Center, Add	*59.18*	
		For 1-1/2" Diameter Pickets, >3" To 4-1/2" On Center, Add	*101.51*	
		For 1-1/2" Diameter Pickets, >4-1/2" To 6" On Center, Add	*68.82*	
		For 2" Diameter Pickets, >3" To 4-1/2" On Center, Add	*132.90*	
		For 2" Diameter Pickets, >4-1/2" To 6" On Center, Add	*88.99*	
		For 2-1/2" Diameter Pickets, >4-1/2" To 6" On Center, Add	*135.33*	
		For 11 Gauge A513 Steel Tubing, Deduct	*-26.52*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-30.14*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-39.78*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-47.02*	
		For ADA Handrail P-Loop End Return, Add Per Each	*162.28*	
		For Additional Off Set Handrail, ADA Attachment, Add	*27.03*	
		For Aluminum, Satin Finish, Add	*50.64*	
		For Aluminum, Clear Anodized Finish, Add	*78.36*	
		For Aluminum, Dark Anodized Finish, Add	*90.42*	
		For Galvanizing, Add	*48.22*	
		For Wrought Iron, Add	*15.66*	
		For Solid Steel Rails, Add	*31.33*	
		For 304 Stainless Steel, Add	*385.79*	
		For 316 Stainless Steel, Add	*434.02*	
		For 2" Wheel Guard, Add	*11.45*	
		For 4" High Kick Plate, Add	*15.07*	
		For 6" High Kick Plate, Add	*24.11*	
		For Curved Rail, Add	*83.16*	
		For Mounting On Stairs, Add	*46.99*	
		For Mounting On Slopes, Add	*15.66*	
		For Post Base Flange With Screws, Add Per Post	*21.11*	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	*31.91*	
		For Custom Design Or Shapes (Square Tops, etc), Add	*69.30*	
		For Nylon Coating, Add	*18.08*	

05 52 13 00-0020 Railing Infill Panels *(05 52 13)*
Note: Includes field welds and touch-up of welds.

05 52 13 00-0021 Wire Mesh Or Welded Wire Mesh, Railing Infill Panels *(05 52 13 00-0020)*
Note: Square weave or square welded wire mesh.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 52 13 00-0022	SF	Powder Coated Steel, Wire Mesh Or Welded Wire Mesh, Railing Infill Panel	14.97	
05 52 13 00-0023	SF	Galvanized Steel, Wire Mesh Or Welded Wire Mesh, Railing Infill Panel	15.90	
05 52 13 00-0024	SF	Aluminum, Wire Mesh Or Welded Wire Mesh, Railing Infill Panel	16.71	
05 52 13 00-0025	SF	Stainless Steel, Wire Mesh Or Welded Wire Mesh, Railing Infill Panel	28.26	

05 52 13 00-0026 Perforated Metal, Railing Infill Panels *(05 52 13 00-0020)*

05 52 13 00-0027	SF	Powder Coated Steel, Perforated Metal, Railing Infill Panel	14.68	
05 52 13 00-0028	SF	Galvanized Steel, Perforated Metal, Railing Infill Panel	15.18	
05 52 13 00-0029	SF	Aluminum, Perforated Metal, Railing Infill Panel	16.25	
05 52 13 00-0030	SF	Stainless Steel, Perforated Metal, Railing Infill Panel	32.61	

05 52 13 00-0031 Expanded Metal, Railing Infill Panels *(05 52 13 00-0020)*

05 52 13 00-0032	SF	Powder Coated Steel, Expanded Metal, Railing Infill Panel	6.62	
05 52 13 00-0033	SF	Galvanized Steel, Expanded Metal, Railing Infill Panel	13.53	
05 52 13 00-0034	SF	Aluminum, Expanded Metal, Railing Infill Panel	17.77	
05 52 13 00-0035	SF	Stainless Steel, Expanded Metal, Railing Infill Panel	26.50	

05 52 13 00-0036 Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railings *(05 52 13)*

Note: Includes factory primed, fasteners and field touch-up of welds.

05 52 13 00-0037	LF	1" Diameter, Schedule 40, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing	41.42	7.74
		For 11 Gauge A513 Steel Tubing, Deduct	*-4.86*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-5.53*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-7.29*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-8.62*	
		For Stainless Steel, Add	*44.20*	
		For Aluminum, Satin Finish, Add	*9.28*	
		For Curved Rail, Add	*12.43*	
		For Aluminum, Clear Anodized Finish, Add	*14.37*	
		For Aluminum, Dark Anodized Finish, Add	*16.58*	
		For Galvanized Finish, Add	*6.63*	
05 52 13 00-0038	LF	1-1/4" Diameter, Schedule 40, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing	42.13	7.74
		For 11 Gauge A513 Steel Tubing, Deduct	*-5.02*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-5.70*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-7.53*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-8.90*	
		For Stainless Steel, Add	*45.62*	
		For Aluminum, Satin Finish, Add	*9.58*	
		For Curved Rail, Add	*12.64*	
		For Aluminum, Clear Anodized Finish, Add	*14.83*	
		For Aluminum, Dark Anodized Finish, Add	*17.11*	
		For Galvanized Finish, Add	*6.84*	
05 52 13 00-0039	LF	1-1/2" Diameter, Schedule 40, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing	42.85	7.74
		For 11 Gauge A513 Steel Tubing, Deduct	*-5.18*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-5.88*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-7.76*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-9.18*	
		For Stainless Steel, Add	*47.06*	
		For Aluminum, Satin Finish, Add	*9.88*	
		For Curved Rail, Add	*12.86*	
		For Aluminum, Clear Anodized Finish, Add	*15.29*	
		For Aluminum, Dark Anodized Finish, Add	*17.65*	
		For Galvanized Finish, Add	*7.06*	
05 52 13 00-0040	LF	2" Diameter, Schedule 40, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing	51.04	7.74
		For 11 Gauge A513 Steel Tubing, Deduct	*-6.98*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-7.93*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-10.47*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-12.37*	
		For Stainless Steel, Add	*63.44*	
		For Aluminum, Satin Finish, Add	*13.32*	
		For Curved Rail, Add	*15.31*	
		For Aluminum, Clear Anodized Finish, Add	*20.62*	
		For Aluminum, Dark Anodized Finish, Add	*23.79*	
		For Galvanized Finish, Add	*9.52*	
05 52 13 00-0041	LF	2-1/2" Diameter, Schedule 40, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing	57.82	7.74
		For 11 Gauge A513 Steel Tubing, Deduct	*-8.47*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-9.63*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-12.71*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-15.02*	
		For Stainless Steel, Add	*77.00*	
		For Aluminum, Satin Finish, Add	*16.17*	
		For Curved Rail, Add	*17.35*	
		For Aluminum, Clear Anodized Finish, Add	*25.03*	
		For Aluminum, Dark Anodized Finish, Add	*28.88*	
		For Galvanized Finish, Add	*11.55*	

05 52 13 00-0042 Custom Shapes, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railings *(05 52 13)*

Note: Includes factory primed, fasteners and field touch-up of welds.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 52 13 00-0043	LF	1" Diameter, Custom Shapes, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing	49.80	8.11
		For 11 Gauge A513 Steel Tubing, Deduct	*-6.71*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-7.62*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-10.06*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-11.89*	
		For Stainless Steel, Add	*60.96*	
		For Aluminum, Satin Finish, Add	*12.80*	
		For Curved Rail, Add	*14.94*	
		For Aluminum, Clear Anodized Finish, Add	*19.81*	
		For Aluminum, Dark Anodized Finish, Add	*22.86*	
		For Galvanized Finish, Add	*9.14*	
05 52 13 00-0044	LF	1-1/4" Diameter, Custom Shapes, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing	50.80	8.11
		For 11 Gauge A513 Steel Tubing, Deduct	*-6.93*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-7.87*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-10.39*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-12.28*	
		For Stainless Steel, Add	*62.96*	
		For Aluminum, Satin Finish, Add	*13.22*	
		For Curved Rail, Add	*15.24*	
		For Aluminum, Clear Anodized Finish, Add	*20.46*	
		For Aluminum, Dark Anodized Finish, Add	*23.61*	
		For Galvanized Finish, Add	*9.44*	
05 52 13 00-0045	LF	1-1/2" Diameter, Custom Shapes, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing	51.54	8.11
		For 11 Gauge A513 Steel Tubing, Deduct	*-7.09*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-8.06*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-10.63*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-12.57*	
		For Stainless Steel, Add	*64.44*	
		For Aluminum, Satin Finish, Add	*13.53*	
		For Curved Rail, Add	*15.46*	
		For Aluminum, Clear Anodized Finish, Add	*20.94*	
		For Aluminum, Dark Anodized Finish, Add	*24.17*	
		For Galvanized Finish, Add	*9.67*	
05 52 13 00-0046	LF	2" Diameter, Custom Shapes, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing	62.99	8.11
		For 11 Gauge A513 Steel Tubing, Deduct	*-9.61*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-10.92*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-14.41*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-17.03*	
		For Stainless Steel, Add	*87.34*	
		For Aluminum, Satin Finish, Add	*18.34*	
		For Curved Rail, Add	*18.90*	
		For Aluminum, Clear Anodized Finish, Add	*28.39*	
		For Aluminum, Dark Anodized Finish, Add	*32.75*	
		For Galvanized Finish, Add	*13.10*	
05 52 13 00-0047	LF	2-1/2" Diameter, Custom Shapes, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing	70.47	8.11
		For 11 Gauge A513 Steel Tubing, Deduct	*-11.25*	
		For 12 Gauge A513 Steel Tubing, Deduct	*-12.79*	
		For 14 Gauge A513 Steel Tubing, Deduct	*-16.88*	
		For 16 Gauge A513 Steel Tubing, Deduct	*-19.95*	
		For Stainless Steel, Add	*102.30*	
		For Aluminum, Satin Finish, Add	*21.48*	
		For Curved Rail, Add	*21.14*	
		For Aluminum, Clear Anodized Finish, Add	*33.25*	
		For Aluminum, Dark Anodized Finish, Add	*38.36*	
		For Galvanized Finish, Add	*15.35*	

05 52 13 00-0048 Remove And Reinstall Pipe Railing *(05 52 13)*

05 52 13 00-0049	LF	Removal And Reinstallation Of Wall Bracket Mounted Pipe Railing	28.99	
05 52 13 00-0050	LF	Removal And Reinstallation Of Floor Mounted Pipe Railing	38.60	
05 52 13 00-0051	EA	Install New Galvanized Steel Pipe Railing Bracket	71.57	
		For Stainless Steel, Add	*65.82*	

05 53 Metal Gratings *(05 50)*

05 53 13 Bar Gratings *(05 53)*

05 53 13 00-0001 Welded Grating *(05 53 13)*

Note: Sizes are for height and width of bearing bars. Welded grating is open grid grating which has bearing bars and cross bars locked in place by resistance welding, or conventional hand welding. Resistance welded grating is produced on precise automated production equipment by combining hydraulic pressure with a powerful electric current to fuse - electroforge - the cross bar and bearing bar into a single rigid panel.

05 53 13 00-0002 Steel, Welded Grating *(05 53 13 00-0001)*

Note: Bearing bars at 1-3/16" on-center, crossbars at 4" on-center, bolted or tack welded, unpainted steel, and in all sizes.

05 53 13 00-0003	SF	3/4" x 1/8" Steel, Welded Grating	14.63	1.42
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*2.01*	
		For 304 Stainless Steel, Add	*37.88*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*3.45*	
		For Crossbars At 2" On-Center, Add	*1.27*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 53 13 00-0004	SF	3/4" x 3/16" Steel, Welded Grating	19.51	1.42
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*2.84*	
		For 304 Stainless Steel, Add	*53.54*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*4.87*	
		For Crossbars At 2" On-Center, Add	*1.80*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.31*	
05 53 13 00-0005	SF	1" x 1/8" Steel, Welded Grating	17.77	1.42
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*2.54*	
		For 304 Stainless Steel, Add	*47.96*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*4.36*	
		For Crossbars At 2" On-Center, Add	*1.61*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.27*	
05 53 13 00-0006	SF	1" x 3/16" Steel, Welded Grating	24.40	1.42
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*3.67*	
		For 304 Stainless Steel, Add	*69.24*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*6.30*	
		For Crossbars At 2" On-Center, Add	*2.33*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.44*	
05 53 13 00-0007	SF	1" x 1/4" Steel, Welded Grating	31.03	1.42
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*4.79*	
		For 304 Stainless Steel, Add	*90.52*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*8.23*	
		For Crossbars At 2" On-Center, Add	*3.05*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.60*	
05 53 13 00-0008	SF	1-1/4" x 1/8" Steel, Welded Grating	20.94	1.42
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*3.08*	
		For 304 Stainless Steel, Add	*58.13*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*5.29*	
		For Crossbars At 2" On-Center, Add	*1.96*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.35*	
05 53 13 00-0009	SF	1-1/4" x 3/16" Steel, Welded Grating	29.01	1.42
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*4.45*	
		For 304 Stainless Steel, Add	*84.04*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*7.64*	
		For Crossbars At 2" On-Center, Add	*2.83*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.55*	
05 53 13 00-0010	SF	1-1/2" x 1/8" Steel, Welded Grating	24.12	1.42
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*3.62*	
		For 304 Stainless Steel, Add	*68.34*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*6.22*	
		For Crossbars At 2" On-Center, Add	*2.30*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.43*	
05 53 13 00-0011	SF	1-1/2" x 3/16" Steel, Welded Grating	34.50	1.74
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*5.28*	
		For 304 Stainless Steel, Add	*99.61*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*9.06*	
		For Crossbars At 2" On-Center, Add	*3.35*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-3.10*	
05 53 13 00-0012	SF	1-1/2" x 1/4" Steel, Welded Grating	44.59	1.74
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*6.99*	
		For 304 Stainless Steel, Add	*132.00*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*12.01*	
		For Crossbars At 2" On-Center, Add	*4.44*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-3.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 53 13 00-0013	SF	1-3/4" x 3/16" Steel, Welded Grating	39.42	1.74
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*6.11*	
		For 304 Stainless Steel, Add	*115.40*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*10.50*	
		For Crossbars At 2" On-Center, Add	*3.88*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-3.22*	
05 53 13 00-0014	SF	2" x 3/16" Steel, Welded Grating	44.03	1.74
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*6.90*	
		For 304 Stainless Steel, Add	*130.20*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*11.84*	
		For Crossbars At 2" On-Center, Add	*4.38*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-3.34*	
05 53 13 00-0015	SF	2-1/4" x 3/16" Steel, Welded Grating	48.91	1.74
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*7.72*	
		For 304 Stainless Steel, Add	*145.86*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*13.27*	
		For Crossbars At 2" On-Center, Add	*4.91*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-3.46*	
05 53 13 00-0016	SF	2-1/2" x 3/16" Steel, Welded Grating	53.52	1.74
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*8.51*	
		For 304 Stainless Steel, Add	*160.66*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*14.61*	
		For Crossbars At 2" On-Center, Add	*5.41*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-3.58*	

05 53 13 00-0017 Pressure Locked Grating *(05 53 13)*

Note: Sizes are for height and width of bearing bars. Pressure locked grating is an open grid grating which is an assembly of tight-fitting, slotted bearing bars and cross bars, interlocked together. The permanent locking of the bars is accomplished by slotting the bearing bars with a wider 'dovetail' shape at the bottom of the slot. The bearing bar slot is usually 1/2 the depth of the cross bar. The cross bars are slotted to a depth slightly less than half its depth. When the bars are pressed together under hydraulic pressure, the cross bar material is forced into the 'dovetail' shape of the bearing bar notch, forming a strong, rigid unit.

05 53 13 00-0018 Steel, Pressure Locked Grating *(05 53 13 00-0017)*

Note: Bearing bars at 1-3/16" on-center, crossbars at 4" on-center, bolted or tack welded, unpainted steel, and in all sizes.

05 53 13 00-0019	SF	3/4" x 1/8" Steel, Pressure Locked Grating	27.44	1.42
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*4.04*	
		For 304 Stainless Steel, Add	*46.05*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*7.19*	
		For Crossbars At 2" On-Center, Add	*2.66*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.51*	
05 53 13 00-0020	SF	3/4" x 3/16" Steel, Pressure Locked Grating	33.72	1.42
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*5.07*	
		For 304 Stainless Steel, Add	*57.80*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*9.02*	
		For Crossbars At 2" On-Center, Add	*3.34*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.67*	
05 53 13 00-0021	SF	1" x 1/8" Steel, Pressure Locked Grating	30.12	1.42
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*4.48*	
		For 304 Stainless Steel, Add	*51.06*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*7.97*	
		For Crossbars At 2" On-Center, Add	*2.95*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.58*	
05 53 13 00-0022	SF	1" x 3/16" Steel, Pressure Locked Grating	40.91	1.42
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*6.25*	
		For 304 Stainless Steel, Add	*71.25*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 7/16" On-Center, Add	*55.22*	
		For Bearing Bars At 15/16" On-Center, Add	*11.12*	
		For Crossbars At 2" On-Center, Add	*4.11*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.85*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 53 13 00-0023	SF	1-1/4" x 1/8" Steel, Pressure Locked Grating	33.72	1.42
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*5.07*	
		For 304 Stainless Steel, Add	*57.80*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*9.02*	
		For Crossbars At 2" On-Center, Add	*3.34*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.67*	
05 53 13 00-0024	SF	1-1/4" x 3/16" Steel, Pressure Locked Grating	45.90	1.42
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*7.06*	
		For 304 Stainless Steel, Add	*80.58*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*12.58*	
		For Crossbars At 2" On-Center, Add	*4.65*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.97*	
05 53 13 00-0025	SF	1-1/2" x 1/8" Steel, Pressure Locked Grating	37.49	1.42
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*5.68*	
		For 304 Stainless Steel, Add	*64.85*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*10.12*	
		For Crossbars At 2" On-Center, Add	*3.74*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.76*	
05 53 13 00-0026	SF	1-1/2" x 3/16" Steel, Pressure Locked Grating	51.78	1.74
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*7.92*	
		For 304 Stainless Steel, Add	*90.39*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 7/16" On-Center, Add	*70.05*	
		For Bearing Bars At 15/16" On-Center, Add	*14.11*	
		For Crossbars At 2" On-Center, Add	*5.22*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-3.53*	
05 53 13 00-0027	SF	1-3/4" x 3/16" Steel, Pressure Locked Grating	57.05	1.74
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*8.79*	
		For 304 Stainless Steel, Add	*100.25*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*15.65*	
		For Crossbars At 2" On-Center, Add	*5.79*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-3.66*	
05 53 13 00-0028	SF	2" x 3/16" Steel, Pressure Locked Grating	61.34	1.74
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*9.49*	
		For 304 Stainless Steel, Add	*108.27*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*16.90*	
		For Crossbars At 2" On-Center, Add	*6.25*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-3.77*	
05 53 13 00-0029	SF	2-1/4" x 3/16" Steel, Pressure Locked Grating	65.46	1.74
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*10.17*	
		For 304 Stainless Steel, Add	*115.98*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*18.10*	
		For Crossbars At 2" On-Center, Add	*6.69*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-3.87*	
05 53 13 00-0030	SF	2-1/2" x 3/16" Steel, Pressure Locked Grating	69.02	1.74
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*10.75*	
		For 304 Stainless Steel, Add	*122.64*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*19.14*	
		For Crossbars At 2" On-Center, Add	*7.08*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-3.96*	

05 53 13 00-0031 Aluminum, Type 6063, Pressure Locked Grating *(05 53 13 00-0017)*

Note: Bearing bars at 1-3/16" on-center, crossbars at 4" on-center, bolted in place, and in all sizes.

05 53 13 00-0032	SF	3/4" x 1/8" Aluminum, Pressure Locked Grating	17.53	1.42
		For Bearing Bars At 15/16" On-Center, Add	*4.29*	
		For Crossbars At 2" On-Center, Add	*1.59*	
		For Set In Place Without Bolting, Deduct	*-2.26*	
		For Powder Coating, Add	*2.21*	
05 53 13 00-0033	SF	3/4" x 3/16" Aluminum, Pressure Locked Grating	23.56	1.42
		For Bearing Bars At 15/16" On-Center, Add	*6.05*	
		For Crossbars At 2" On-Center, Add	*2.24*	
		For Set In Place Without Bolting, Deduct	*-2.41*	
		For Powder Coating, Add	*3.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 53 13 00-0034	SF	1" x 1/8" Aluminum, Pressure Locked Grating	22.26	1.42
		For Bearing Bars At 15/16" On-Center, Add	*5.67*	
		For Crossbars At 2" On-Center, Add	*2.10*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-2.38*	
		For Powder Coating, Add	*2.91*	
05 53 13 00-0035	SF	1" x 3/16" Aluminum, Pressure Locked Grating	30.05	1.42
		For Bearing Bars At 7/16" On-Center, Add	*39.47*	
		For Bearing Bars At 15/16" On-Center, Add	*7.95*	
		For Crossbars At 2" On-Center, Add	*2.94*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-2.58*	
		For Powder Coating, Add	*4.08*	
05 53 13 00-0036	SF	1-1/4" x 1/8" Aluminum, Pressure Locked Grating	25.69	1.42
		For Bearing Bars At 15/16" On-Center, Add	*6.68*	
		For Crossbars At 2" On-Center, Add	*2.47*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-2.47*	
		For Powder Coating, Add	*3.43*	
05 53 13 00-0037	SF	1-1/4" x 3/16" Aluminum, Pressure Locked Grating	34.18	1.42
		For Bearing Bars At 15/16" On-Center, Add	*9.15*	
		For Crossbars At 2" On-Center, Add	*3.39*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-2.68*	
		For Powder Coating, Add	*4.70*	
05 53 13 00-0038	SF	1-1/2" x 1/8" Aluminum, Pressure Locked Grating	28.91	1.42
		For Bearing Bars At 15/16" On-Center, Add	*7.62*	
		For Crossbars At 2" On-Center, Add	*2.82*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-2.55*	
		For Powder Coating, Add	*3.91*	
05 53 13 00-0039	SF	1-1/2" x 3/16" Aluminum, Pressure Locked Grating	38.44	1.42
		For Bearing Bars At 7/16" On-Center, Add	*51.63*	
		For Bearing Bars At 15/16" On-Center, Add	*10.40*	
		For Crossbars At 2" On-Center, Add	*3.85*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-2.79*	
		For Powder Coating, Add	*5.34*	
05 53 13 00-0040	SF	1-3/4" x 3/16" Aluminum, Pressure Locked Grating	42.52	1.42
		For Bearing Bars At 15/16" On-Center, Add	*11.59*	
		For Crossbars At 2" On-Center, Add	*4.29*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-2.89*	
		For Powder Coating, Add	*5.95*	
05 53 13 00-0041	SF	2" x 3/16" Aluminum, Pressure Locked Grating	47.35	1.42
		For Bearing Bars At 15/16" On-Center, Add	*13.00*	
		For Crossbars At 2" On-Center, Add	*4.81*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-3.01*	
		For Powder Coating, Add	*6.68*	
05 53 13 00-0042	SF	2-1/4" x 3/16" Aluminum, Pressure Locked Grating	51.14	1.42
		For Bearing Bars At 15/16" On-Center, Add	*14.11*	
		For Crossbars At 2" On-Center, Add	*5.22*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-3.10*	
		For Powder Coating, Add	*7.25*	
05 53 13 00-0043	SF	2-1/2" x 3/16" Aluminum, Pressure Locked Grating	55.66	1.42
		For Bearing Bars At 15/16" On-Center, Add	*15.43*	
		For Crossbars At 2" On-Center, Add	*5.71*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-3.22*	
		For Powder Coating, Add	*7.92*	

05 53 13 00-0044 Swage Locked Grating *(05 53 13)*

Note: Sizes are for height and width of bearing bars. Swage locked grating is an open grid grating where bearing bars are pre-punched to receive a cross bar without penetrating or cutting the top surface of the bearing bar. The cross bar is then inserted through the pre-punched hole and deformed by swaging or squeezing under hydraulic pressure to permanently lock the bars in place.

05 53 13 00-0045 Steel, Swage Locked Grating *(05 53 13 00-0044)*

Note: Bearing bars at 1-3/16" on-center, crossbars at 4" on-center, bolted or tack welded, unpainted steel, and in all sizes.

05 53 13 00-0046	SF	1" x 3/16" Steel, Swaged Grating	44.75	1.42
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*3.86*	
		For 304 Stainless Steel, Add	*69.50*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*26.83*	
		For Crossbars At 2" On-Center, Add	*3.35*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-2.94*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 53 13 00-0047	SF	1-1/4" x 3/16" Steel, Swaged Grating	49.91	1.42
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*4.33*	
		For 304 Stainless Steel, Add	*78.06*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*30.13*	
		For Crossbars At 2" On-Center, Add	*3.77*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-3.07*	
05 53 13 00-0048	SF	1-1/2" x 3/16" Steel, Swaged Grating	54.60	1.74
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*4.70*	
		For 304 Stainless Steel, Add	*84.77*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*32.72*	
		For Crossbars At 2" On-Center, Add	*4.09*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-3.60*	
05 53 13 00-0049	SF	1-3/4" x 3/16" Steel, Swaged Grating	62.53	1.74
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*5.43*	
		For 304 Stainless Steel, Add	*97.92*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*37.80*	
		For Crossbars At 2" On-Center, Add	*4.72*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-3.80*	
05 53 13 00-0050	SF	2" x 3/16" Steel, Swaged Grating	70.48	1.74
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*6.16*	
		For 304 Stainless Steel, Add	*111.10*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*42.89*	
		For Crossbars At 2" On-Center, Add	*5.36*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-4.00*	
05 53 13 00-0051	SF	2-1/4" x 3/16" Steel, Swaged Grating	78.41	1.74
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*6.89*	
		For 304 Stainless Steel, Add	*124.25*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*47.96*	
		For Crossbars At 2" On-Center, Add	*6.00*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-4.20*	
05 53 13 00-0052	SF	2-1/2" x 3/16" Steel, Swaged Grating	86.37	1.74
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*7.63*	
		For 304 Stainless Steel, Add	*137.45*	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	*53.06*	
		For Crossbars At 2" On-Center, Add	*6.63*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-4.40*	

05 53 13 00-0053 Aluminum Grating, Type 6063, Swage Locked *(05 53 13 00-0044)*

Note: Bearing bars at 1-3/16" on-center, crossbars at 4" on-center, bolted in place, and in all sizes.

05 53 13 00-0054	SF	1" x 1/8" Aluminum, Swaged Grating	20.60	1.42
		For Bearing Bars At 15/16" On-Center, Add	*11.37*	
		For Crossbars At 2" On-Center, Add	*1.42*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-2.34*	
		For Powder Coating, Add	*2.67*	
05 53 13 00-0055	SF	1" x 3/16" Aluminum, Swaged Grating	26.55	1.42
		For Bearing Bars At 15/16" On-Center, Add	*15.18*	
		For Crossbars At 2" On-Center, Add	*1.90*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-2.49*	
		For Powder Coating, Add	*3.56*	
05 53 13 00-0056	SF	1-1/4" x 1/8" Aluminum, Swaged Grating	23.27	1.42
		For Bearing Bars At 15/16" On-Center, Add	*13.08*	
		For Crossbars At 2" On-Center, Add	*1.64*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-2.41*	
		For Powder Coating, Add	*3.07*	
05 53 13 00-0057	SF	1-1/4" x 3/16" Aluminum, Swaged Grating	30.55	1.42
		For Bearing Bars At 15/16" On-Center, Add	*17.74*	
		For Crossbars At 2" On-Center, Add	*2.22*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-2.59*	
		For Powder Coating, Add	*4.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 53 13 00-0058	SF	1-1/2" x 1/8" Aluminum, Swaged Grating	26.44	1.42
		For Bearing Bars At 15/16" On-Center, Add	*15.11*	
		For Crossbars At 2" On-Center, Add	*1.89*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-2.49*	
		For Powder Coating, Add	*3.54*	
05 53 13 00-0059	SF	1-1/2" x 3/16" Aluminum, Swaged Grating	34.83	1.42
		For Bearing Bars At 15/16" On-Center, Add	*20.48*	
		For Crossbars At 2" On-Center, Add	*2.56*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-2.70*	
		For Powder Coating, Add	*4.80*	
05 53 13 00-0060	SF	1-3/4" x 3/16" Aluminum, Swaged Grating	39.77	1.42
		For Bearing Bars At 15/16" On-Center, Add	*23.64*	
		For Crossbars At 2" On-Center, Add	*2.96*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-2.82*	
		For Powder Coating, Add	*5.54*	
05 53 13 00-0061	SF	2" x 3/16" Aluminum, Swaged Grating	44.68	1.42
		For Bearing Bars At 15/16" On-Center, Add	*26.78*	
		For Crossbars At 2" On-Center, Add	*3.35*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-2.94*	
		For Powder Coating, Add	*6.28*	
05 53 13 00-0062	SF	2-1/4" x 3/16" Aluminum, Swaged Grating	49.61	1.42
		For Bearing Bars At 15/16" On-Center, Add	*29.94*	
		For Crossbars At 2" On-Center, Add	*3.74*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-3.07*	
		For Powder Coating, Add	*7.02*	
05 53 13 00-0063	SF	2-1/2" x 3/16" Aluminum, Swaged Grating	54.52	1.42
		For Bearing Bars At 15/16" On-Center, Add	*33.08*	
		For Crossbars At 2" On-Center, Add	*4.14*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting, Deduct	*-3.19*	
		For Powder Coating, Add	*7.75*	

05 53 13 00-0064 Riveted Grating *(05 53 13)*

Note: Riveted grating is an open grid grating where bearing bars are pre-punched to receive a solid round rivet. Crimp/lacing bars are pre-punched as well and then formed into a reticulated shape. Bearing bars and crimp bars are then assembled and clamped in place by rivets which are cold driven under hydraulic pressure to permanently lock the assembly together.

05 53 13 00-0065 Steel, Riveted Grating *(05 53 13 00-0064)*

Note: 1" clear opening, bolted or tack welded in place, unpainted steel, all sizes.

05 53 13 00-0066	SF	3/4" x 1/8", 7.0 LB/SF, Steel, Riveted Grating	84.82	1.42
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*3.94*	
		For 304 Stainless Steel, Add	*70.43*	
		For 5/8" Clear Opening, Add	*28.29*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-3.95*	
05 53 13 00-0067	SF	3/4" x 3/16", 8.5 LB/SF, Steel, Riveted Grating	99.83	1.42
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*4.66*	
		For 304 Stainless Steel, Add	*83.32*	
		For 5/8" Clear Opening, Add	*33.47*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-4.32*	
05 53 13 00-0068	SF	1" x 1/8", 8.0 LB/SF, Steel, Riveted Grating	91.73	1.42
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*4.27*	
		For 304 Stainless Steel, Add	*76.37*	
		For 5/8" Clear Opening, Add	*30.67*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-4.12*	
05 53 13 00-0069	SF	1" x 3/16", 9.5 LB/SF, Steel, Riveted Grating	105.55	1.42
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*4.93*	
		For 304 Stainless Steel, Add	*88.24*	
		For 5/8" Clear Opening, Add	*35.44*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-4.46*	
05 53 13 00-0070	SF	1-1/4" x 1/8", 9.0 LB/SF, Steel, Riveted Grating	97.45	1.42
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*4.54*	
		For 304 Stainless Steel, Add	*81.28*	
		For 5/8" Clear Opening, Add	*32.64*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-4.26*	
05 53 13 00-0071	SF	1-1/4" x 3/16", 11.1 LB/SF, Steel, Riveted Grating	116.20	1.42
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*5.44*	
		For 304 Stainless Steel, Add	*97.38*	
		For 5/8" Clear Opening, Add	*39.11*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-4.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 53 13 00-0072	SF	1-1/2" x 1/8", 10.1 LB/SF, Steel, Riveted Grating	103.61	1.74
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*4.81*	
		For 304 Stainless Steel, Add	*86.02*	
		For 5/8" Clear Opening, Add	*34.55*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-4.83*	
05 53 13 00-0073	SF	1-1/2" x 3/16", 12.5 LB/SF, Steel, Riveted Grating	123.64	1.74
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*5.77*	
		For 304 Stainless Steel, Add	*103.23*	
		For 5/8" Clear Opening, Add	*41.46*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-5.33*	
05 53 13 00-0074	SF	1-3/4" x 3/16", 14.0 LB/SF, Steel, Riveted Grating	133.87	1.74
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*6.26*	
		For 304 Stainless Steel, Add	*112.01*	
		For 5/8" Clear Opening, Add	*44.99*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-5.58*	
05 53 13 00-0075	SF	2" x 3/16", 17.0 LB/SF, Steel, Riveted Grating	156.70	1.74
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*7.36*	
		For 304 Stainless Steel, Add	*131.62*	
		For 5/8" Clear Opening, Add	*52.86*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-6.16*	
05 53 13 00-0076	SF	2-1/4" x 3/16", 18.5 LB/SF, Steel, Riveted Grating	164.65	1.74
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*7.74*	
		For 304 Stainless Steel, Add	*138.45*	
		For 5/8" Clear Opening, Add	*55.61*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-6.35*	
05 53 13 00-0077	SF	2-1/2" x 3/16", 20.0 LB/SF, Steel, Riveted Grating	171.74	1.74
		For One Coat Of Shop Applied Paint (Red Or Black), Add	*0.22*	
		For Galvanized Steel, Add	*8.08*	
		For 304 Stainless Steel, Add	*144.54*	
		For 5/8" Clear Opening, Add	*58.05*	
		For Serrated Wear Surface, Add	*0.16*	
		For Set In Place Without Bolting Or Tack Welding, Deduct	*-6.53*	

05 53 13 00-0078 Aluminum, Riveted Grating *(05 53 13 00-0064)*

Note: 1" clear opening, bolted in place and in all sizes.

05 53 13 00-0079	SF	3/4" x 1/8", 2.4 LB/SF, Aluminum, Riveted Grating	43.40	1.42
		For 5/8" Clear Opening, Add	*14.00*	
		For Powder Coating, Add	*6.09*	
		For Set In Place Without Bolting, Deduct	*-2.91*	
05 53 13 00-0080	SF	3/4" x 3/16", 2.9 LB/SF, Aluminum, Riveted Grating	51.43	1.42
		For 5/8" Clear Opening, Add	*16.77*	
		For Powder Coating, Add	*7.29*	
		For Set In Place Without Bolting, Deduct	*-3.11*	
05 53 13 00-0081	SF	1" x 1/8", 2.7 LB/SF, Aluminum, Riveted Grating	47.69	1.42
		For 5/8" Clear Opening, Add	*15.48*	
		For Serrated Wear Surface, Add	*0.16*	
		For Powder Coating, Add	*6.73*	
		For Set In Place Without Bolting, Deduct	*-3.02*	
05 53 13 00-0082	SF	1" x 3/16", 3.2 LB/SF, Aluminum, Riveted Grating	55.53	1.42
		For 5/8" Clear Opening, Add	*18.18*	
		For Serrated Wear Surface, Add	*0.16*	
		For Powder Coating, Add	*7.91*	
		For Set In Place Without Bolting, Deduct	*-3.21*	
05 53 13 00-0083	SF	1-1/4" x 1/8", 3.1 LB/SF, Aluminum, Riveted Grating	53.43	1.42
		For 5/8" Clear Opening, Add	*17.46*	
		For Serrated Wear Surface, Add	*0.16*	
		For Powder Coating, Add	*7.59*	
		For Set In Place Without Bolting, Deduct	*-3.16*	
05 53 13 00-0084	SF	1-1/4" x 3/16", 3.8 LB/SF, Aluminum, Riveted Grating	64.31	1.42
		For 5/8" Clear Opening, Add	*21.21*	
		For Serrated Wear Surface, Add	*0.16*	
		For Powder Coating, Add	*9.22*	
		For Set In Place Without Bolting, Deduct	*-3.43*	
05 53 13 00-0085	SF	1-1/2" x 1/8", 3.4 LB/SF, Aluminum, Riveted Grating	57.35	1.42
		For 5/8" Clear Opening, Add	*18.81*	
		For Serrated Wear Surface, Add	*0.16*	
		For Powder Coating, Add	*8.18*	
		For Set In Place Without Bolting, Deduct	*-3.26*	
05 53 13 00-0086	SF	1-1/2" x 3/16", 4.3 LB/SF, Aluminum, Riveted Grating	71.17	1.42
		For 5/8" Clear Opening, Add	*23.58*	
		For Serrated Wear Surface, Add	*0.16*	
		For Powder Coating, Add	*10.25*	
		For Set In Place Without Bolting, Deduct	*-3.60*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 53 13 00-0087	SF	1-3/4" x 3/16", 4.8 LB/SF, Aluminum, Riveted Grating	78.42	1.42
		For 5/8" Clear Opening, Add	*26.08*	
		For Serrated Wear Surface, Add	*0.16*	
		For Powder Coating, Add	*11.34*	
		For Set In Place Without Bolting, Deduct	*-3.79*	
05 53 13 00-0088	SF	2" x 3/16", 5.8 LB/SF, Aluminum, Riveted Grating	93.30	1.42
		For 5/8" Clear Opening, Add	*31.21*	
		For Serrated Wear Surface, Add	*0.16*	
		For Powder Coating, Add	*13.57*	
		For Set In Place Without Bolting, Deduct	*-4.16*	
05 53 13 00-0089	SF	2-1/4" x 3/16", 6.4 LB/SF, Aluminum, Riveted Grating	101.75	1.42
		For 5/8" Clear Opening, Add	*34.13*	
		For Serrated Wear Surface, Add	*0.16*	
		For Powder Coating, Add	*14.84*	
		For Set In Place Without Bolting, Deduct	*-4.37*	
05 53 13 00-0090	SF	2-1/2" x 3/16", 7.2 LB/SF, Aluminum, Riveted Grating	113.07	1.42
		For 5/8" Clear Opening, Add	*38.03*	
		For Serrated Wear Surface, Add	*0.16*	
		For Powder Coating, Add	*16.54*	
		For Set In Place Without Bolting, Deduct	*-4.65*	

05 54 Metal Floor Plates *(05 50)*

05 54 00 00-0001 Steel Floor Plates *(05 54)*

05 54 00 00-0002	SF	16 Gauge Steel Raised Or Diamond Pattern Floor Plates	23.03	1.68
05 54 00 00-0003	SF	14 Gauge Steel Raised Or Diamond Pattern Floor Plates	26.37	1.68
05 54 00 00-0004	SF	12 Gauge Steel Raised Or Diamond Pattern Floor Plates	33.10	1.68
05 54 00 00-0005	SF	1/8" Steel Raised Or Diamond Pattern Floor Plates	44.32	1.81
05 54 00 00-0006	SF	1/4" Steel Raised Or Diamond Pattern Floor Plates	56.38	1.93

05 54 00 00-0007 Aluminum Alloy Floor Plates *(05 54)*

05 54 00 00-0008	SF	0.125" Aluminum Alloy Raised Or Diamond Pattern Floor Plate	30.60	1.42
		For Powder Coating, Add	*4.17*	
05 54 00 00-0009	SF	0.188" Aluminum Alloy Raised Or Diamond Pattern Floor Plate	35.11	1.68
		For Powder Coating, Add	*4.78*	
05 54 00 00-0010	SF	0.25" Aluminum Alloy Raised Or Diamond Pattern Floor Plate	39.64	1.81
		For Powder Coating, Add	*5.40*	

05 54 00 00-0011 Type 304 Stainless Steel Floor Plates *(05 54)*

05 54 00 00-0012	SF	1/8" Type 304 Stainless Steel Raised Or Diamond Pattern Floor Plate	39.62	1.93
05 54 00 00-0013	SF	3/16" Type 304 Stainless Steel Raised Or Diamond Pattern Floor Plate	47.35	2.19
05 54 00 00-0014	SF	1/4" Type 304 Stainless Raised Or Diamond Pattern Steel Floor Plate	61.28	2.58

05 55 Metal Stair Treads and Nosings *(05 50)*

05 55 13 Metal Stair Treads *(05 55)*

05 55 13 00-0001 Abrasive Cast Aluminum Stair Treads *(05 55 13)*

Note: Includes abrasive diamond pattern surface and anchors. Excludes stringers.

05 55 13 00-0002	LF	8" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Stair Tread	72.04	6.54
		For 3/8" Thick, Add	*15.39*	
05 55 13 00-0003	LF	9" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Stair Tread	79.42	6.54
		For 3/8" Thick, Add	*17.24*	
05 55 13 00-0004	LF	10" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Stair Tread	86.78	6.54
		For 3/8" Thick, Add	*19.08*	
05 55 13 00-0005	LF	11" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Stair Tread	94.19	6.54
		For 3/8" Thick, Add	*20.93*	
05 55 13 00-0006	LF	12" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Stair Tread	101.53	6.54
		For 3/8" Thick, Add	*22.77*	

05 55 13 00-0007 Abrasive Cast Iron Stair Treads *(05 55 13)*

Note: Includes abrasive diamond pattern surface and anchors. Excludes stringers.

05 55 13 00-0008	LF	8" Depth, 3/8" Thick, 1/4" Lip, Abrasive Cast Iron Stair Tread	100.67	6.54
05 55 13 00-0009	LF	9" Depth, 3/8" Thick, 1/4" Lip, Abrasive Cast Iron Stair Tread	111.61	6.54
05 55 13 00-0010	LF	10" Depth, 3/8" Thick, 1/4" Lip, Abrasive Cast Iron Stair Tread	122.57	6.54
05 55 13 00-0011	LF	11" Depth, 3/8" Thick, 1/4" Lip, Abrasive Cast Iron Stair Tread	133.50	6.54
05 55 13 00-0012	LF	12" Depth, 3/8" Thick, 1/4" Lip, Abrasive Cast Iron Stair Tread	144.46	6.54

05 55 13 00-0013 Aluminum/Ceramic Grit Coating, Extruded Aluminum Safety Stair Treads *(05 55 13)*

Note: Includes extruded aluminum base with diamond hard aluminum oxide abrasive filler/surface. Includes anchors. Excludes stringers.

05 55 13 00-0014	LF	6-1/2" Depth, 5/32" Thick, 1-1/16" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Safety Stair Tread	37.51	6.54
05 55 13 00-0015	LF	9" Depth, 5/32" Thick, 1-1/16" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Safety Stair Tread	44.20	6.54
05 55 13 00-0016	LF	11" Depth, 5/32" Thick, 1-1/16" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Safety Stair Tread	47.15	6.54

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 55 13 00-0017		**Aluminum/Ceramic Grit Coating, Extruded Aluminum Renovation Stair Treads** *(05 55 13)*		
		Note: Includes extruded aluminum base with diamond hard aluminum oxide abrasive filler/surface. Includes anchors. Excludes stringers.		
05 55 13 00-0018	LF	8" Depth, 9/32" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Renovation Stair Tread	55.97	6.54
		For Epoxy Sealed For Corrosive Environment, Add	*4.64*	
		For Two Color Tread, Add	*3.48*	
05 55 13 00-0019	LF	9" Depth, 9/32" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Renovation Stair Tread	56.53	6.54
		For Epoxy Sealed For Corrosive Environment, Add	*4.64*	
		For Two Color Tread, Add	*3.48*	
05 55 13 00-0020	LF	11" Depth, 9/32" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Renovation Stair Tread	68.56	6.54
		For Epoxy Sealed For Corrosive Environment, Add	*4.64*	
		For Two Color Tread, Add	*3.48*	
05 55 13 00-0021	LF	12" Depth, 9/32" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Renovation Stair Tread	79.10	6.54
		For Epoxy Sealed For Corrosive Environment, Add	*4.64*	
		For Two Color Tread, Add	*3.48*	
05 55 13 00-0022	LF	15" Depth, 9/32" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Renovation Stair Tread	92.84	6.54
		For Epoxy Sealed For Corrosive Environment, Add	*4.64*	
		For Two Color Tread, Add	*3.48*	
05 55 13 00-0023		**Stair Landing Treads** *(05 55 13)*		
05 55 13 00-0024		**Abrasive Cast Aluminum Stair Landing Treads** *(05 55 13 00-0023)*		
		Note: Includes abrasive diamond pattern surface and anchors.		
05 55 13 00-0025	SF	5/16" Thick, Abrasive Cast Aluminum Landing Treads	101.53	6.54
		For 3/8" Thick, Add	*22.77*	
05 55 13 00-0026		**Abrasive Cast Iron Stair Landing Treads** *(05 55 13 00-0023)*		
		Note: Includes abrasive diamond pattern surface and anchors.		
05 55 13 00-0027	SF	3/8" Thick, Abrasive Cast Iron Landing Treads	144.46	6.54
05 55 13 00-0028		**Aluminum/Ceramic Grit Coating, Extruded Aluminum Renovation Stair Landing Treads** *(05 55 13 00-0023)*		
		Note: Includes extruded aluminum base with diamond hard aluminum oxide abrasive filler/surface. Includes anchors.		
05 55 13 00-0029	SF	9/32" Thick, Aluminum/Ceramic Grit Coating, Extruded Aluminum Renovation Stair Landing Treads	94.05	6.54
		For Epoxy Sealed For Corrosive Environment, Add	*4.64*	
05 55 13 00-0030		**Open Cast Iron Stair Tread** *(05 55 13)*		
		Note: Includes steel stringers, safety nosing and 2 pipe handrail. Excludes landings.		
05 55 13 00-0031	RSR	3'-6" Wide, Open Cast Iron Stair Tread	805.83	51.54
		For Closed Riser, Add	*69.01*	
05 55 13 00-0032	RSR	4'-0" Wide, Open Cast Iron Stair Tread	904.16	59.27
		For Closed Riser, Add	*77.24*	
05 55 13 00-0033	RSR	5'-0" Wide, Open Cast Iron Stair Tread	996.20	69.58
		For Closed Riser, Add	*85.00*	
05 55 16		**Metal Stair Nosings** *(05 55)*		
05 55 16 00-0001		**Abrasive Cast Aluminum Nosings** *(05 55 16)*		
		Note: Includes abrasive diamond pattern surface and anchors.		
05 55 16 00-0002	LF	3" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Nosing	30.14	4.46
		For 3/8" Thick, Add	*5.75*	
05 55 16 00-0003	LF	4" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Nosing	37.27	4.46
		For 3/8" Thick, Add	*7.53*	
05 55 16 00-0004	LF	6" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Nosing	53.16	4.46
		For 3/8" Thick, Add	*11.51*	
05 55 16 00-0005		**Abrasive Cast Iron Nosings** *(05 55 16)*		
		Note: Includes abrasive diamond pattern surface and anchors.		
05 55 16 00-0006	LF	3" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Iron Nosing	35.35	4.46
		For 3/8" Thick, Add	*7.05*	
05 55 16 00-0007	LF	4" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Iron Nosing	44.12	4.46
		For 3/8" Thick, Add	*9.25*	
05 55 16 00-0008	LF	6" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Iron Nosing	61.47	4.46
		For 3/8" Thick, Add	*13.58*	
05 55 16 00-0009		**Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosings** *(05 55 16)*		
		Note: Includes extruded aluminum base with diamond hard aluminum oxide abrasive filler/surface. Includes anchors.		
05 55 16 00-0010	LF	1-7/8" Depth, 1/4" Thick, 1/4" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing	25.31	4.46
05 55 16 00-0011	LF	3" Depth, 1/4" Thick, 1/4" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing	28.75	4.46
05 55 16 00-0012	LF	4" Depth, 1/4" Thick, 1/4" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing	31.37	4.46
05 55 16 00-0013	LF	6" Depth, 1/4" Thick, 1/4" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing	39.53	4.46
05 55 16 00-0014	LF	1-7/8" Depth, 1/4" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing	26.24	4.46

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 55 16 00-0015	LF	3" Depth, 1/4" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing	29.17	4.46
05 55 16 00-0016	LF	4" Depth, 1/4" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing	32.07	4.46
05 55 16 00-0017	LF	3" Depth, 1/4" Thick, 1-3/4" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing	30.31	4.46

05 56 Metal Castings *(05 50)*

05 56 00 00-0001 Castings *(05 56)*

05 56 00 00-0002	LB	Up To 150 LB, Miscellaneous Castings, Light Section	6.36	0.64
05 56 00 00-0003	LB	>150 LB, Miscellaneous Castings, Heavy Section	10.87	0.51

05 58 Formed Metal Fabrications *(05 50)*

05 58 16 Formed Metal Enclosures *(05 58)*

05 58 16 00-0001 Drip Pan *(05 58 16)*

05 58 16 00-0002	SF	Stainless Steel Drip Pan	112.04	5.83
05 58 16 00-0003	SF	Galvanized Steel Drip Pan	110.65	5.83
05 58 16 00-0004	SF	Aluminum Drip Pan	77.46	4.66
05 58 16 00-0005	SF	Plastic Drip Pan	19.06	4.08

05 58 23 Formed Metal Guards *(05 58)*

05 58 23 00-0001 Protective Guard Rails *(05 58 23)*

Note: Includes painted finish.

05 58 23 00-0002 2-Rib, 11 Gauge Steel, Protective Guard Rails *(05 58 23 00-0001)*

Note: Steel King Armor Guard.

05 58 23 00-0003 Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rails *(05 58 23 00-0002)*

Note: Excludes posts. Includes fasteners.

05 58 23 00-0004	EA	1' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail	207.81	21.42
05 58 23 00-0005	EA	2' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail	244.73	21.42
05 58 23 00-0006	EA	3' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail	279.56	21.42
05 58 23 00-0007	EA	4' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail	316.48	21.42
05 58 23 00-0008	EA	5' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail	351.50	21.42
05 58 23 00-0009	EA	6' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail	396.90	21.42
05 58 23 00-0010	EA	7' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail	427.83	21.42
05 58 23 00-0011	EA	8' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail	475.73	21.42
05 58 23 00-0012	EA	9' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail	507.16	21.42
05 58 23 00-0013	EA	10' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail	529.61	21.42

05 58 23 00-0014 Posts For 2-Rib Guard Rails *(05 58 23 00-0002)*

Note: Includes drilling, surface mounting plate and anchors.

05 58 23 00-0015	EA	12" Height, Single Rail Post For 2-Rib Guard Rails	416.52	44.62
05 58 23 00-0016	EA	42" Height, Triple Rail Post For 2-Rib Guard Rails	544.74	44.62

05 58 23 00-0017 3-Rib, 11 Gauge Steel, Protective Guard Rails *(05 58 23 00-0001)*

Note: Steel King Steel Guard.

05 58 23 00-0018 Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rails *(05 58 23 00-0017)*

Note: Excludes posts. Includes fasteners.

05 58 23 00-0019	EA	1' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail	230.06	21.42
05 58 23 00-0020	EA	2' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail	254.61	21.42
05 58 23 00-0021	EA	3' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail	285.24	21.42
05 58 23 00-0022	EA	4' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail	313.88	21.42
05 58 23 00-0023	EA	5' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail	347.01	21.42
05 58 23 00-0024	EA	6' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail	362.97	21.42
05 58 23 00-0025	EA	7' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail	401.39	21.42
05 58 23 00-0026	EA	8' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail	433.82	21.42
05 58 23 00-0027	EA	9' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail	468.24	21.42
05 58 23 00-0028	EA	10' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail	503.17	21.42

05 58 23 00-0029 Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rails *(05 58 23 00-0017)*

Note: Excludes posts. Includes fasteners and lift-out mounting plate.

05 58 23 00-0030	EA	1' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail	340.52	21.42
05 58 23 00-0031	EA	2' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail	367.46	21.42
05 58 23 00-0032	EA	3' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail	395.40	21.42
05 58 23 00-0033	EA	4' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail	427.83	21.42
05 58 23 00-0034	EA	5' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail	460.26	21.42
05 58 23 00-0035	EA	6' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail	486.70	21.42
05 58 23 00-0036	EA	7' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail	517.14	21.42
05 58 23 00-0037	EA	8' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail	551.56	21.42
05 58 23 00-0038	EA	9' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail	588.48	21.42
05 58 23 00-0039	EA	10' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail	620.91	21.42

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 58 23 00-0040		Posts For 3-Rib Guard Rails *(05 58 23 00-0017)*		
		Note: Includes drilling, surface mounting plate and anchors.		
05 58 23 00-0041	EA	18" Height, Single Rail Post For 3-Rib Guard Rails	365.44	44.62
05 58 23 00-0042	EA	42" Height, Double Rail Post For 3-Rib Guard Rails	469.41	44.62
05 58 23 00-0043		All-Welded, Protective Guards *(05 58 23)*		
		Note: Surface mounted inverted-U style protective barriers. Includes painted finish, drilling, surface mounting plate and anchors.		
05 58 23 00-0044		All-Welded, Protective Guards *(05 58 23 00-0043)*		
05 58 23 00-0045	EA	36" Length, 9" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard	476.70	59.48
05 58 23 00-0046	EA	48" Length, 9" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard	501.64	59.48
05 58 23 00-0047	EA	36" Length, 16" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard	516.11	59.48
05 58 23 00-0048	EA	48" Length, 16" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard	537.56	59.48
05 58 23 00-0049	EA	36" Length, 24" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard	532.57	59.48
05 58 23 00-0050	EA	48" Length, 24" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard	559.02	59.48
05 58 23 00-0051	EA	36" Length, 36" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard	566.50	59.48
05 58 23 00-0052	EA	48" Length, 36" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard	574.98	59.48
05 58 23 00-0053	EA	48" Length, 42" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard	615.39	59.48
05 58 23 00-0054		Corner Style, All-Welded, Protective Guards *(05 58 23 00-0043)*		
05 58 23 00-0055	EA	24" Length, 24" Height, 4-1/2" Diameter Steel Pipe, Corner Style, All-Welded, Protective Guard	631.36	59.48
05 58 23 00-0056	EA	30" Length, 24" Height, 4-1/2" Diameter Steel Pipe, Corner Style, All-Welded, Protective Guard	661.29	59.48
05 58 23 00-0057	EA	24" Length, 36" Height, 4-1/2" Diameter Steel Pipe, Corner Style, All-Welded, Protective Guard	673.77	59.48
05 58 23 00-0058	EA	30" Length, 36" Height, 4-1/2" Diameter Steel Pipe, Corner Style, All-Welded, Protective Guard	735.13	59.48
05 58 23 00-0059		Warehouse Safety Bollards *(05 58 23)*		
		Note: Includes painted finish, drilling, surface mounting plate and anchors.		
05 58 23 00-0060	EA	24" Height, 4-1/2" Diameter Steel Pipe, Bolt Down, Warehouse Safety Bollard	309.43	44.62
05 58 23 00-0061	EA	36" Height, 4-1/2" Diameter Steel Pipe, Bolt Down, Warehouse Safety Bollard	358.72	44.62
05 58 23 00-0062	EA	42" Height, 4-1/2" Diameter Steel Pipe, Bolt Down, Warehouse Safety Bollard	410.91	44.62
05 58 23 00-0063	EA	36" Height, 5-1/2" Diameter Steel Pipe, Bolt Down, Warehouse Safety Bollard	425.18	44.62
05 58 23 00-0064	EA	42" Height, 5-1/2" Diameter Steel Pipe, Bolt Down, Warehouse Safety Bollard	458.11	44.62
05 59		**Metal Specialties** *(05 50)*		
05 59 65		**Metal Chain** *(05 59)*		
05 59 65 00-0001		Alloy Steel Chain, Self Colored, Cut Length *(05 59 65)*		
		Note: Includes all connecting links, double clevis mid-Links, slip or grab hooks, or shackles as required.		
05 59 65 00-0002	LF	3/16" Diameter Alloy Steel Chain, Cut Length, Self Colored	7.47	1.25
		For Plastic Dipped, Add	*0.74*	
05 59 65 00-0003	LF	1/4" Diameter Alloy Steel Chain, Cut Length, Self Colored	9.13	1.67
		For Plastic Dipped, Add	*0.87*	
05 59 65 00-0004	LF	3/8" Diameter Alloy Steel Chain, Cut Length, Self Colored	14.49	3.33
		For Plastic Dipped, Add	*1.17*	
05 59 65 00-0005	LF	1/2" Diameter Alloy Steel Chain, Cut Length, Self Colored	23.27	5.63
		For Plastic Dipped, Add	*1.80*	
05 59 65 00-0006	LF	5/8" Diameter Alloy Steel Chain, Cut Length, Self Colored	39.28	9.51
		For Plastic Dipped, Add	*3.04*	
05 59 65 00-0007	LF	3/4" Diameter Alloy Steel Chain, Cut Length, Self Colored	55.13	13.34
		For Plastic Dipped, Add	*4.27*	
05 59 65 00-0008	LF	7/8" Diameter Alloy Steel Chain, Cut Length, Self Colored	75.05	16.67
		For Plastic Dipped, Add	*6.26*	
05 59 65 00-0009	LF	1" Diameter Alloy Steel Chain, Cut Length, Self Colored	108.42	22.23
		For Plastic Dipped, Add	*9.59*	
05 59 65 00-0010	LF	1-1/4" Diameter Alloy Steel Chain, Cut Length, Self Colored	176.14	33.35
		For Plastic Dipped, Add	*16.42*	
05 70		**Decorative Metal** *(05)*		
		Note: Includes anchors and related accessories.		
05 71		**Decorative Metal Stairs** *(05 70)*		
05 71 13		**Fabricated Metal Spiral Stairs** *(05 71)*		
		Note: Includes factory prime.		
05 71 13 00-0001		Spiral Stairs, Stock Units *(05 71 13)*		
		Note: Includes factory prime.		
05 71 13 00-0002		Steel Tread *(05 71 13 00-0001)*		
05 71 13 00-0003	VLF	3'-6" Diameter, Spiral Steel Stair With Rails	527.87	64.42
		For Galvanized, Add	*279.31*	
05 71 13 00-0004	VLF	4' Diameter, Spiral Steel Stair With Rails	601.08	70.87
		For Galvanized, Add	*321.54*	
05 71 13 00-0005	VLF	4'-6" Diameter, Spiral Steel Stair With Rails	665.00	77.31
		For Galvanized, Add	*357.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 71 13 00-0006	VLF	5' Diameter, Spiral Steel Stair With Rails	712.68	83.76
		For Galvanized, Add	*381.63*	

05 73 Decorative Metal Railings *(05 70)*

Note: Factory primed. Includes brackets.

05 73 23 Decorative Metal Railings *(05 73)*

05 73 23 00-0001 Railings; Vertical Square Bars At 6" *(05 73 23)*

Note: Centers with shaped top rails (round, square, rectangular, diamond, triangular or other shape).

05 73 23 00-0002	LF	Steel Ornamental Handrail Vertical Square Bars At 6", Shaped Top Rail, Up To 42" High	78.55	14.17
		For Rake Or Angle Railings, Add	*11.69*	
		For Curved Railings, Add	*18.64*	
		For 4" On Center Standards, Add	*1.61*	
		For 4-1/2" On Center Standards, Add	*1.29*	
		For 5" On Center Standards, Add	*0.86*	
		For 5-1/2" On Center Standards, Add	*0.43*	
		For Each Field Bending Of Rails, Add	*16.78*	
		For Galvanized, Add	*3.00*	
05 73 23 00-0003	LF	Aluminum Ornamental Handrail Vertical Square Bars At 6", Shaped Top Rail, Up To 42" High	194.34	19.32
		For Rake Or Angle Railings, Add	*21.78*	
		For Curved Railings, Add	*66.21*	
		For 4" On Center Standards, Add	*8.69*	
		For 4-1/2" On Center Standards, Add	*6.95*	
		For 5" On Center Standards, Add	*4.63*	
		For 5-1/2" On Center Standards, Add	*2.32*	
		For Each Field Bending Of Rails, Add	*22.13*	
05 73 23 00-0004	LF	Bronze Ornamental Handrail Vertical Square Bars At 6", Shaped Top Rail, Up To 42" High	227.74	32.21
		For Rake Or Angle Railings, Add	*27.96*	
		For Curved Railings, Add	*70.75*	
		For 4" On Center Standards, Add	*8.58*	
		For 4-1/2" On Center Standards, Add	*6.86*	
		For 5" On Center Standards, Add	*4.57*	
		For 5-1/2" On Center Standards, Add	*2.29*	
		For Each Field Bending Of Rails, Add	*30.85*	
05 73 23 00-0005	LF	Stainless Steel Ornamental Handrail Vertical Square Bars At 6", Shaped Top Rail, Up To 42" High	310.72	25.77
		For Rake Or Angle Railings, Add	*32.44*	
		For Curved Railings, Add	*112.55*	
		For 4" On Center Standards, Add	*15.46*	
		For 4-1/2" On Center Standards, Add	*12.36*	
		For 5" On Center Standards, Add	*8.24*	
		For 5-1/2" On Center Standards, Add	*4.12*	
		For Each Field Bending Of Rails, Add	*28.66*	
05 73 23 00-0006	LF	Black Wrought Iron Ornamental Handrail Vertical Square Bars At 6", Shaped Top Rail, Up To 42" High	340.82	39.30
		For Rake Or Angle Railings, Add	*31.46*	
		For Curved Railings, Add	*135.03*	
		For 4" On Center Standards, Add	*19.67*	
		For 4-1/2" On Center Standards, Add	*15.73*	
		For 5" On Center Standards, Add	*10.49*	
		For 5-1/2" On Center Standards, Add	*5.24*	
		For Each Field Bending Of Rails, Add	*22.15*	

05 73 23 00-0007 Laminated Metal Or Wood Handrails With Metal Supports *(05 73 23)*

05 73 23 00-0008	LF	2-1/2" Laminated Metal Or Wood Handrail Round/Oval Shape With Metal Supports	176.54	6.44
		For Rake Or Angle Railings, Add	*14.26*	
		For Curved Railings, Add	*75.64*	
		For 4" On Center Standards, Add	*11.52*	
		For 4-1/2" On Center Standards, Add	*9.22*	
		For 5" On Center Standards, Add	*6.15*	
		For 5-1/2" On Center Standards, Add	*3.07*	
		For Each Field Bending Of Rails, Add	*8.23*	

05 73 23 00-0009 Plain Handrails *(05 73 23)*

05 73 23 00-0010	LF	2" Brass Handrail	61.30	13.20
05 73 23 00-0011	EA	90 Degree Angle For 2" Brass Handrail	137.95	50.72
05 73 23 00-0012	EA	End Cap For 2" Brass Handrail	62.98	25.43
05 73 23 00-0013	EA	Brass Bracket And Joint For 2" Brass Handrail	104.49	50.72
05 73 23 00-0014	LF	2" Stainless Steel Handrail	75.19	16.49

05 73 23 00-0015 Restoration Of Existing Metal Handrail And Railing *(05 73 23)*

Note: Task includes rust removal by grinding, cleaning, surface prep and one coat of protective primer. See CSI section 09 91 13 00-0353 for painting.

05 73 23 00-0016	LF	Refinish Metal Handrail	12.03	
05 73 23 00-0017	LF	Refinish Wrought Iron Balustrade	11.99	

05 73 23 00-0018 Remove And Reinstall Ornamental Railing *(05 73 23)*

05 73 23 00-0019	LF	Removal And Reinstallation Of Ornamental Handrail And Pickets	118.54	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

05 75 Decorative Formed Metal *(05 70)*

05 75 00 00-0001 Metal Sheets, Installed On Walls *(05 75)*

Note: Includes field fabrication (bending) where noted. See CSI section 05 54 00 00-0000 for metal floor plates.

05 75 00 00-0002 Copper Sheets, Installed On Walls *(05 75 00 00-0001)*

Note: Includes field fabrication.

05 75 00 00-0003	SF	0.0162" (12 Ounce) Thick Copper Sheet, Installed On Walls	28.28	2.32
		For >16 To 200, Deduct	*-1.59*	
		For >200 To 500, Deduct	*-3.18*	
		For >500, Deduct	*-4.59*	
05 75 00 00-0004	SF	0.0215" (16 Ounce) Thick Copper Sheet, Installed On Walls	35.37	2.59
		For >16 To 200, Deduct	*-1.96*	
		For >200 To 500, Deduct	*-3.93*	
		For >500, Deduct	*-5.69*	
05 75 00 00-0005	SF	0.0242" (18 Ounce) Thick Copper Sheet, Installed On Walls	38.71	2.79
		For >16 To 200, Deduct	*-2.15*	
		For >200 To 500, Deduct	*-4.29*	
		For >500, Deduct	*-6.23*	
05 75 00 00-0006	SF	0.027" (20 Ounce) Thick Copper Sheet, Installed On Walls	41.83	2.94
		For >16 To 200, Deduct	*-2.31*	
		For >200 To 500, Deduct	*-4.62*	
		For >500, Deduct	*-6.72*	
05 75 00 00-0007	SF	0.0323" (24 Ounce) Thick Copper Sheet, Installed On Walls	47.76	3.07
		For >16 To 200, Deduct	*-2.62*	
		For >200 To 500, Deduct	*-5.24*	
		For >500, Deduct	*-7.63*	
05 75 00 00-0008	SF	0.0431" (32 Ounce) Thick Copper Sheet, Installed On Walls	60.63	3.21
		For >16 To 200, Deduct	*-3.27*	
		For >200 To 500, Deduct	*-6.55*	
		For >500, Deduct	*-9.58*	
05 75 00 00-0009	SF	0.052" (40 Ounce) Thick Copper Sheet, Installed On Walls	71.12	3.36
		For >16 To 200, Deduct	*-3.81*	
		For >200 To 500, Deduct	*-7.62*	
		For >500, Deduct	*-11.17*	
05 75 00 00-0010	SF	0.0646" (48 Ounce) Thick Copper Sheet, Installed On Walls	86.19	3.63
		For >16 To 200, Deduct	*-4.58*	
		For >200 To 500, Deduct	*-9.16*	
		For >500, Deduct	*-13.47*	
05 75 00 00-0011	SF	0.08" Thick Copper Sheet, Installed On Walls	105.97	3.90
		For >16 To 200, Deduct	*-5.59*	
		For >200 To 500, Deduct	*-11.18*	
		For >500, Deduct	*-16.48*	
05 75 00 00-0012	SF	0.125" Thick Copper Sheet, Installed On Walls	155.91	4.20
		For >16 To 200, Deduct	*-8.11*	
		For >200 To 500, Deduct	*-16.22*	
		For >500, Deduct	*-24.02*	

05 75 00 00-0013 Stainless Steel Sheets, Installed On Walls *(05 75 00 00-0001)*

Note: Includes field fabrication.

05 75 00 00-0014	SF	0.026" Thick (24 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls	14.72	2.88
		For >16 To 200, Deduct	*-0.95*	
		For >200 To 500, Deduct	*-1.90*	
		For >500, Deduct	*-2.64*	
05 75 00 00-0015	SF	0.0312" Thick (22 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls	16.50	3.11
		For >16 To 200, Deduct	*-1.06*	
		For >200 To 500, Deduct	*-2.12*	
		For >500, Deduct	*-2.94*	
05 75 00 00-0016	SF	0.0375" Thick (20 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls	17.84	3.27
		For >16 To 200, Deduct	*-1.14*	
		For >200 To 500, Deduct	*-2.27*	
		For >500, Deduct	*-3.17*	
05 75 00 00-0017	SF	0.050" Thick (18 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls	20.47	3.41
		For >16 To 200, Deduct	*-1.28*	
		For >200 To 500, Deduct	*-2.56*	
		For >500, Deduct	*-3.58*	
05 75 00 00-0018	SF	0.0625" Thick (16 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls	23.03	3.57
		For >16 To 200, Deduct	*-1.42*	
		For >200 To 500, Deduct	*-2.84*	
		For >500, Deduct	*-3.99*	
05 75 00 00-0019	SF	0.078" Thick (14 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls	26.23	3.73
		For >16 To 200, Deduct	*-1.59*	
		For >200 To 500, Deduct	*-3.18*	
		For >500, Deduct	*-4.50*	
05 75 00 00-0020	SF	0.125" Thick (11 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls	36.66	4.35
		For >16 To 200, Deduct	*-2.16*	
		For >200 To 500, Deduct	*-4.32*	
		For >500, Deduct	*-6.15*	
05 75 00 00-0021	SF	3/16" Thick (7 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls	48.26	4.62
		For >16 To 200, Deduct	*-2.76*	
		For >200 To 500, Deduct	*-5.52*	
		For >500, Deduct	*-7.93*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 75 00 00-0022	SF	1/4" Thick (3 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls	65.31	5.60
		For >16 To 200, Deduct	*-3.69*	
		For >200 To 500, Deduct	*-7.37*	
		For >500, Deduct	*-10.64*	
05 75 00 00-0023	SF	3/8" Thick 304 Brushed Stainless Steel Sheet, Installed On Walls	105.65	6.01
		For >16 To 200, Deduct	*-5.73*	
		For >200 To 500, Deduct	*-11.47*	
		For >500, Deduct	*-16.75*	
05 75 00 00-0024	SF	1/2" Thick 304 Brushed Stainless Steel Sheet, Installed On Walls	134.47	6.99
		For >16 To 200, Deduct	*-7.25*	
		For >200 To 500, Deduct	*-14.50*	
		For >500, Deduct	*-21.22*	

05 75 00 00-0025 Aluminum Sheets, Installed On Walls *(05 75 00 00-0001)*

Note: Includes field fabrication.

05 75 00 00-0026	SF	0.016" Thick (26 Gauge) Aluminum Sheet, Installed On Walls	11.11	2.32
		For >16 To 200, Deduct	*-0.73*	
		For >200 To 500, Deduct	*-1.46*	
		For >500, Deduct	*-2.02*	
05 75 00 00-0027	SF	0.020" Thick (24 Gauge) Aluminum Sheet, Installed On Walls	12.62	2.59
		For >16 To 200, Deduct	*-0.83*	
		For >200 To 500, Deduct	*-1.65*	
		For >500, Deduct	*-2.28*	
05 75 00 00-0028	SF	0.025" Thick (22 Gauge) Aluminum Sheet, Installed On Walls	14.08	2.79
		For >16 To 200, Deduct	*-0.91*	
		For >200 To 500, Deduct	*-1.83*	
		For >500, Deduct	*-2.53*	
05 75 00 00-0029	SF	0.032" Thick (20 Gauge) Aluminum Sheet, Installed On Walls	15.63	2.94
		For >16 To 200, Deduct	*-1.00*	
		For >200 To 500, Deduct	*-2.00*	
		For >500, Deduct	*-2.79*	
05 75 00 00-0030	SF	0.040" Thick (18 Gauge) Aluminum Sheet, Installed On Walls	17.16	3.07
		For >16 To 200, Deduct	*-1.09*	
		For >200 To 500, Deduct	*-2.18*	
		For >500, Deduct	*-3.04*	
05 75 00 00-0031	SF	0.050" Thick (16 Gauge) Aluminum Sheet, Installed On Walls	18.84	3.21
		For >16 To 200, Deduct	*-1.18*	
		For >200 To 500, Deduct	*-2.37*	
		For >500, Deduct	*-3.31*	
05 75 00 00-0032	SF	0.064" Thick (14 Gauge) Aluminum Sheet, Installed On Walls	20.92	3.36
		For >16 To 200, Deduct	*-1.30*	
		For >200 To 500, Deduct	*-2.60*	
		For >500, Deduct	*-3.64*	
05 75 00 00-0033	SF	0.090" Thick (11 Gauge) Aluminum Sheet, Installed On Walls	24.88	3.90
		For >16 To 200, Deduct	*-1.54*	
		For >200 To 500, Deduct	*-3.08*	
		For >500, Deduct	*-4.32*	

05 75 00 00-0034 Galvanized Steel Sheets, Installed On Walls *(05 75 00 00-0001)*

Note: Includes field fabrication.

05 75 00 00-0035	SF	0.0217" (26 Gauge) Thick Galvanized Steel Sheet, Installed On Walls	9.62	2.32
		For >16 To 200, Deduct	*-0.66*	
		For >200 To 500, Deduct	*-1.31*	
		For >500, Deduct	*-1.79*	
05 75 00 00-0036	SF	0.0276" (24 Gauge) Thick Galvanized Steel Sheet, Installed On Walls	10.67	2.59
		For >16 To 200, Deduct	*-0.73*	
		For >200 To 500, Deduct	*-1.46*	
		For >500, Deduct	*-1.99*	
05 75 00 00-0037	SF	0.0336" (22 Gauge) Thick Galvanized Steel Sheet, Installed On Walls	11.35	2.79
		For >16 To 200, Deduct	*-0.78*	
		For >200 To 500, Deduct	*-1.55*	
		For >500, Deduct	*-2.12*	
05 75 00 00-0038	SF	0.0396" (20 Gauge) Thick Galvanized Steel Sheet, Installed On Walls	12.05	2.94
		For >16 To 200, Deduct	*-0.82*	
		For >200 To 500, Deduct	*-1.65*	
		For >500, Deduct	*-2.25*	
05 75 00 00-0039	SF	0.0516" (18 Gauge) Thick Galvanized Steel Sheet, Installed On Walls	12.94	3.07
		For >16 To 200, Deduct	*-0.88*	
		For >200 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.40*	
05 75 00 00-0040	SF	0.0635" (16 Gauge) Thick Galvanized Steel Sheet, Installed On Walls	13.90	3.21
		For >16 To 200, Deduct	*-0.94*	
		For >200 To 500, Deduct	*-1.87*	
		For >500, Deduct	*-2.57*	
05 75 00 00-0041	SF	0.0785" (14 Gauge) Thick Galvanized Steel Sheet, Installed On Walls	15.41	3.36
		For >16 To 200, Deduct	*-1.02*	
		For >200 To 500, Deduct	*-2.04*	
		For >500, Deduct	*-2.82*	
05 75 00 00-0042	SF	0.1084" (12 Gauge) Thick Galvanized Steel Sheet, Installed On Walls	17.60	3.63
		For >16 To 200, Deduct	*-1.15*	
		For >200 To 500, Deduct	*-2.31*	
		For >500, Deduct	*-3.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 75 00 00-0043	SF	0.1382" (10 Gauge) Thick Galvanized Steel Sheet, Installed On Walls	20.28	4.20
		For >16 To 200, Deduct	*-1.33*	
		For >200 To 500, Deduct	*-2.66*	
		For >500, Deduct	*-3.67*	

05 75 00 00-0044 Galvanized Zinc-Plated Steel Sheets, Installed On Walls *(05 75 00 00-0001)*

Note: Includes field fabrication.

05 75 00 00-0045	SF	0.013" Thick Galvanized Zinc Plated Steel Sheet, Installed On Walls	13.17	2.21
		For >16 To 200, Deduct	*-0.88*	
		For >200 To 500, Deduct	*-1.76*	
		For >500, Deduct	*-2.42*	
05 75 00 00-0046	SF	0.016" Thick Galvanized Zinc Plated Steel Sheet, Installed On Walls	15.23	2.49
		For >16 To 200, Deduct	*-1.01*	
		For >200 To 500, Deduct	*-2.02*	
		For >500, Deduct	*-2.78*	
05 75 00 00-0047	SF	0.019" Thick Galvanized Zinc Plated Steel Sheet, Installed On Walls	17.27	2.77
		For >16 To 200, Deduct	*-1.14*	
		For >200 To 500, Deduct	*-2.28*	
		For >500, Deduct	*-3.15*	
05 75 00 00-0048	SF	0.024" Thick Galvanized Zinc Plated Steel Sheet, Installed On Walls	19.08	3.00
		For >16 To 200, Deduct	*-1.25*	
		For >200 To 500, Deduct	*-2.51*	
		For >500, Deduct	*-3.46*	

END OF SECTION 05

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

06 Wood, Plastics, and Composites

06 01 Maintenance of Wood, Plastics, and Composites *(06)*

06 01 20 Maintenance of Finish Carpentry *(06 01)*

06 01 20 91 Finish Carpentry Restoration *(06 01 20)*

06 01 20 91-0001 Wood Trim Repair *(06 01 20 91)*

06 01 20 91-0002	SF	Restoration Of Existing Decorative Woodwork Note: Includes stripping to bare wood, filling or patching, stain or paint to match existing.	9.05	

06 01 40 Maintenance of Architectural Woodwork *(06 01)*

06 01 40 91 Architectural Woodwork Restoration *(06 01 40)*

06 01 40 91-0001 Cabinet Hardware Replacement *(06 01 40 91)*

06 01 40 91-0002	EA	Removal And Replacement Of Concealed, Full Or Half Overlay, Self Closing, Steel Cabinet Hinges	44.09	
06 01 40 91-0003	EA	Removal And Replacement Of Semi Concealed, Brass Cabinet Hinges	42.72	

06 05 Common Work Results for Wood, Plastics, and Composites *(06)*

06 05 23 Wood, Plastic, and Composite Fastenings *(06 05)*

Note: For additional fasteners above normal conditions, for replacing existing fasteners, for relocating existing materials or fixtures, or for different fasteners required due to load limits on standard fasteners.

06 05 23 00-0001 Threaded Anchor Bolts *(06 05 23)*
Note: Threaded on two ends with two nuts and flat washers.

06 05 23 00-0002	EA	1/2" Diameter x 4" Long, Threaded Anchor Bolt	17.73	
		For >10 To 50, Deduct	*-0.42*	
		For >50 To 100, Deduct	*-1.08*	
		For >100 To 250, Deduct	*-2.16*	
		For >250 To 500, Deduct	*-3.66*	
		For >500, Deduct	*-5.17*	
06 05 23 00-0003	EA	1/2" Diameter x 7-1/2" Long, Threaded Anchor Bolt	25.48	
		For >10 To 50, Deduct	*-0.46*	
		For >50 To 100, Deduct	*-1.32*	
		For >100 To 250, Deduct	*-2.65*	
		For >250 To 500, Deduct	*-4.43*	
		For >500, Deduct	*-6.21*	
06 05 23 00-0004	EA	3/4" Diameter x 7-1/2" Long, Threaded Anchor Bolt	28.51	
		For >10 To 50, Deduct	*-0.46*	
		For >50 To 100, Deduct	*-1.40*	
		For >100 To 250, Deduct	*-2.80*	
		For >250 To 500, Deduct	*-4.65*	
		For >500, Deduct	*-6.51*	
06 05 23 00-0005	EA	3/4" Diameter x 12" Long, Threaded Anchor Bolt	61.60	
		For >10 To 50, Deduct	*-0.63*	
		For >50 To 100, Deduct	*-2.48*	
		For >100 To 250, Deduct	*-4.96*	
		For >250 To 500, Deduct	*-8.06*	
		For >500, Deduct	*-11.17*	

06 05 23 00-0006 Framing Anchors *(06 05 23)*
Note: Including nails.

06 05 23 00-0007	EA	1-7/16" x 2-1/2", 18 Gauge, Galvanized Framing Angle Anchor (Simpson Strong Tie® A34)	7.49	3.57
		For >10 To 50, Deduct	*-0.34*	
		For >50 To 100, Deduct	*-0.70*	
		For >100 To 250, Deduct	*-1.39*	
		For >250 To 500, Deduct	*-2.43*	
		For >500, Deduct	*-3.47*	
06 05 23 00-0008	EA	1-7/16" x 4-1/2", 18 Gauge, Galvanized Framing Angle Anchor (Simpson Strong Tie® A35)	8.37	3.92
		For >10 To 50, Deduct	*-0.38*	
		For >50 To 100, Deduct	*-0.78*	
		For >100 To 250, Deduct	*-1.56*	
		For >250 To 500, Deduct	*-2.73*	
		For >500, Deduct	*-3.89*	

06 05 23 00-0009 Angle Anchors *(06 05 23)*
Note: Including nails.

06 05 23 00-0010	EA	2" x 1-1/2" x 1-3/8" Wide, 18 Gauge Galvanized Angle Anchor (Simpson Strong Tie® A21)	7.58	3.57
		For >10 To 50, Deduct	*-0.34*	
		For >50 To 100, Deduct	*-0.70*	
		For >100 To 250, Deduct	*-1.40*	
		For >250 To 500, Deduct	*-2.44*	
		For >500, Deduct	*-3.47*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0011	EA	2" x 1-1/2" x 2-3/4" Wide, 18 Gauge Galvanized Angle Anchor (Simpson Strong Tie® A23)	8.31	3.80
		For >10 To 50, Deduct	*-0.36*	
		For >50 To 100, Deduct	*-0.75*	
		For >100 To 250, Deduct	*-1.50*	
		For >250 To 500, Deduct	*-2.62*	
		For >500, Deduct	*-3.73*	
06 05 23 00-0012	EA	3-7/8" x 2" x 2-1/2" Wide, 12 Gauge Galvanized Angle Anchor (Simpson Strong Tie® A24)	14.06	3.92
		For >10 To 50, Deduct	*-0.38*	
		For >50 To 100, Deduct	*-0.92*	
		For >100 To 250, Deduct	*-1.85*	
		For >250 To 500, Deduct	*-3.16*	
		For >500, Deduct	*-4.46*	
06 05 23 00-0013	EA	3" x 3" x 1-1/2" Wide, 18 Gauge Galvanized Angle Anchor (Simpson Strong Tie® A33)	12.71	3.92
		For >10 To 50, Deduct	*-0.38*	
		For >50 To 100, Deduct	*-0.89*	
		For >100 To 250, Deduct	*-1.78*	
		For >250 To 500, Deduct	*-3.05*	
		For >500, Deduct	*-4.33*	
06 05 23 00-0014	EA	4-9/16" x 4-9/16" x 1-1/2" Wide, 18 Gauge Galvanized Angle Anchor (Simpson Strong Tie® A44)	13.90	4.40
		For >10 To 50, Deduct	*-0.42*	
		For >50 To 100, Deduct	*-0.98*	
		For >100 To 250, Deduct	*-1.96*	
		For >250 To 500, Deduct	*-3.36*	
		For >500, Deduct	*-4.76*	
06 05 23 00-0015	EA	5-7/8" x 5-7/8" x 1-1/2" Wide, 18 Gauge Galvanized Angle Anchor (Simpson Strong Tie® A66)	15.73	4.64
		For >10 To 50, Deduct	*-0.45*	
		For >50 To 100, Deduct	*-1.07*	
		For >100 To 250, Deduct	*-2.15*	
		For >250 To 500, Deduct	*-3.67*	
		For >500, Deduct	*-5.20*	

06 05 23 00-0016 Reinforcing Angle Wood Construction Connectors *(06 05 23)*

Note: Including nails.

06 05 23 00-0017	EA	3" x 3-3/4", 16 Gauge, Galvanized Reinforcing Angle Wood Construction Connectors (Simpson Strong Tie® L30)	8.30	3.33
		For >10 To 50, Deduct	*-0.34*	
		For >50 To 100, Deduct	*-0.72*	
		For >100 To 250, Deduct	*-1.43*	
		For >250 To 500, Deduct	*-2.49*	
		For >500, Deduct	*-3.55*	
06 05 23 00-0018	EA	5" x 3-3/4", 16 Gauge, Galvanized Reinforcing Angle Wood Construction Connectors (Simpson Strong Tie® L50)	10.19	3.57
		For >10 To 50, Deduct	*-0.36*	
		For >50 To 100, Deduct	*-0.79*	
		For >100 To 250, Deduct	*-1.59*	
		For >250 To 500, Deduct	*-2.74*	
		For >500, Deduct	*-3.90*	
06 05 23 00-0019	EA	7" x 3-3/4", 16 Gauge, Galvanized Reinforcing Angle Wood Construction Connectors (Simpson Strong Tie® L70)	11.56	3.68
		For >10 To 50, Deduct	*-0.37*	
		For >50 To 100, Deduct	*-0.85*	
		For >100 To 250, Deduct	*-1.69*	
		For >250 To 500, Deduct	*-2.91*	
		For >500, Deduct	*-4.13*	
06 05 23 00-0020	EA	9" x 3-3/4", 16 Gauge, Galvanized Reinforcing Angle Wood Construction Connectors (Simpson Strong Tie® L90)	12.81	3.80
		For >10 To 50, Deduct	*-0.39*	
		For >50 To 100, Deduct	*-0.91*	
		For >100 To 250, Deduct	*-1.81*	
		For >250 To 500, Deduct	*-3.11*	
		For >500, Deduct	*-4.40*	
06 05 23 00-0021	EA	3-3/8" x 3-3/4", 18 Gauge, Galvanized Reinforcing Skewable Angle Wood Construction Connectors (Simpson Strong Tie® LS30)	9.03	3.33
		For >10 To 50, Deduct	*-0.34*	
		For >50 To 100, Deduct	*-0.74*	
		For >100 To 250, Deduct	*-1.47*	
		For >250 To 500, Deduct	*-2.54*	
		For >500, Deduct	*-3.62*	
06 05 23 00-0022	EA	4-7/8" x 3-3/4", 18 Gauge, Galvanized Reinforcing Skewable Angle Wood Construction Connectors (Simpson Strong Tie® LS50)	9.94	3.57
		For >10 To 50, Deduct	*-0.36*	
		For >50 To 100, Deduct	*-0.79*	
		For >100 To 250, Deduct	*-1.58*	
		For >250 To 500, Deduct	*-2.73*	
		For >500, Deduct	*-3.87*	
06 05 23 00-0023	EA	6-3/8" x 3-3/4", 18 Gauge, Galvanized Reinforcing Skewable Angle Wood Construction Connectors (Simpson Strong Tie® LS70)	11.50	3.68
		For >10 To 50, Deduct	*-0.37*	
		For >50 To 100, Deduct	*-0.85*	
		For >100 To 250, Deduct	*-1.69*	
		For >250 To 500, Deduct	*-2.91*	
		For >500, Deduct	*-4.13*	
06 05 23 00-0024	EA	7-7/8" x 3-3/4", 18 Gauge, Galvanized Reinforcing Skewable Angle Wood Construction Connectors (Simpson Strong Tie® LS90)	13.58	3.80
		For >10 To 50, Deduct	*-0.39*	
		For >50 To 100, Deduct	*-0.92*	
		For >100 To 250, Deduct	*-1.85*	
		For >250 To 500, Deduct	*-3.16*	
		For >500, Deduct	*-4.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0025		**Hold Down Anchors** *(06 05 23)* Note: Including nails.		
06 05 23 00-0026	EA	8-5/8" High x 2-1/2" Wide x 2-1/4" Deep, 12 Gauge, Galvanized Hold Downs (Simpson Strong Tie® HD3B)	59.37	
		For >10 To 50, Deduct	*-1.84*	
		For >50 To 100, Deduct	*-4.25*	
		For >100 To 250, Deduct	*-8.50*	
		For >250 To 500, Deduct	*-14.59*	
		For >500, Deduct	*-20.69*	
06 05 23 00-0027	EA	9-3/8" High x 2-1/2" Wide x 2-1/2" Deep, 10 Gauge, Galvanized Hold Downs (Simpson Strong Tie® HD5B)	82.29	
		For >10 To 50, Deduct	*-1.90*	
		For >50 To 100, Deduct	*-4.91*	
		For >100 To 250, Deduct	*-9.82*	
		For >250 To 500, Deduct	*-16.64*	
		For >500, Deduct	*-23.45*	
06 05 23 00-0028	EA	12-3/8" High x 2-1/2" Wide x 2-1/2" Deep, 10 Gauge, Galvanized Hold Downs (Simpson Strong Tie® HD7B)	101.08	
		For >10 To 50, Deduct	*-2.02*	
		For >50 To 100, Deduct	*-5.56*	
		For >100 To 250, Deduct	*-11.12*	
		For >250 To 500, Deduct	*-18.70*	
		For >500, Deduct	*-26.28*	
06 05 23 00-0029	EA	14" High x 2-1/2" Wide x 2-1/2" Deep, 7 Gauge, Galvanized Hold Downs (Simpson Strong Tie® HD9B)	119.14	
		For >10 To 50, Deduct	*-2.26*	
		For >50 To 100, Deduct	*-6.37*	
		For >100 To 250, Deduct	*-12.74*	
		For >250 To 500, Deduct	*-21.36*	
		For >500, Deduct	*-29.99*	
06 05 23 00-0030	EA	20-5/16" High x 3-1/2" Wide x 4-1/2" Deep, 3 Gauge, Galvanized Hold Downs (Simpson Strong Tie® HD12)	191.98	
		For >10 To 50, Deduct	*-2.85*	
		For >50 To 100, Deduct	*-9.08*	
		For >100 To 250, Deduct	*-18.16*	
		For >250 To 500, Deduct	*-30.10*	
		For >500, Deduct	*-42.03*	
06 05 23 00-0031	EA	24-1/2" High x 3-1/2" Wide x 4-1/2" Deep, 3 Gauge, Galvanized Hold Downs (Simpson Strong Tie® HD19)	257.45	
		For >10 To 50, Deduct	*-2.97*	
		For >50 To 100, Deduct	*-10.90*	
		For >100 To 250, Deduct	*-21.79*	
		For >250 To 500, Deduct	*-35.66*	
		For >500, Deduct	*-49.53*	
06 05 23 00-0032	EA	8-11/16" Height x 3" Wide x 3-1/4" Deep, 14 Gauge, Galvanized Predeflected Holdown With Screws (Simpson Strong Tie® HDU2-SDS2.5)	69.48	
		For >10 To 50, Deduct	*-1.84*	
		For >50 To 100, Deduct	*-4.50*	
		For >100 To 250, Deduct	*-9.00*	
		For >250 To 500, Deduct	*-15.35*	
		For >500, Deduct	*-21.70*	
06 05 23 00-0033	EA	10-15/16" Height x 3" Wide x 3-1/4" Deep, 14 Gauge, Galvanized Predeflected Holdown With Screws (Simpson Strong Tie® HDU4-SDS2.5)	76.71	
		For >10 To 50, Deduct	*-1.90*	
		For >50 To 100, Deduct	*-4.77*	
		For >100 To 250, Deduct	*-9.54*	
		For >250 To 500, Deduct	*-16.22*	
		For >500, Deduct	*-22.90*	
06 05 23 00-0034	EA	13-3/16" Height x 3" Wide x 3-1/4" Deep, 14 Gauge, Galvanized Predeflected Holdown With Screws (Simpson Strong Tie® HDU5-SDS2.5)	85.78	
		For >10 To 50, Deduct	*-2.02*	
		For >50 To 100, Deduct	*-5.18*	
		For >100 To 250, Deduct	*-10.36*	
		For >250 To 500, Deduct	*-17.55*	
		For >500, Deduct	*-24.75*	
06 05 23 00-0035	EA	16-5/8" Height x 3" Wide x 3-1/2" Deep, 10 Gauge, Galvanized Predeflected Holdown With Screws (Simpson Strong Tie® HDU8-SDS2.5)	105.60	
		For >10 To 50, Deduct	*-2.26*	
		For >50 To 100, Deduct	*-6.03*	
		For >100 To 250, Deduct	*-12.06*	
		For >250 To 500, Deduct	*-20.35*	
		For >500, Deduct	*-28.64*	
06 05 23 00-0036	EA	22-1/4" Height x 3" Wide x 3-1/2" Deep, 10 Gauge, Galvanized Predeflected Holdown With Screws (Simpson Strong Tie® HDU11-SDS2.5)	135.93	
		For >10 To 50, Deduct	*-2.85*	
		For >50 To 100, Deduct	*-7.68*	
		For >100 To 250, Deduct	*-15.36*	
		For >250 To 500, Deduct	*-25.89*	
		For >500, Deduct	*-36.43*	
06 05 23 00-0037	EA	25-11/16" Height x 3" Wide x 3-1/2" Deep, 7 Gauge, Galvanized Predeflected Holdown With Screws (Simpson Strong Tie® HDU14-SDS2.5)	151.57	
		For >10 To 50, Deduct	*-2.97*	
		For >50 To 100, Deduct	*-8.25*	
		For >100 To 250, Deduct	*-16.50*	
		For >250 To 500, Deduct	*-27.72*	
		For >500, Deduct	*-38.94*	
06 05 23 00-0038		**Joist And Beam Hangers** *(06 05 23)* Note: Including nails.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0039	EA	18 Gauge, Galvanized Joist Hanger, For 2" x 4" Joist Also Acceptable For Beam Hangers (Simpson Strong Tie® LU24)	7.95	3.33
		For >10 To 50, Deduct	*-0.34*	
		For >50 To 100, Deduct	*-0.71*	
		For >100 To 250, Deduct	*-1.42*	
		For >250 To 500, Deduct	*-2.46*	
		For >500, Deduct	*-3.51*	
06 05 23 00-0040	EA	18 Gauge, Galvanized Joist Hanger, For 2" x 6" To 2" x 10" Joist, Also Acceptable For Beam Hangers (Simpson Strong Tie® LU28)	8.83	3.57
		For >10 To 50, Deduct	*-0.36*	
		For >50 To 100, Deduct	*-0.76*	
		For >100 To 250, Deduct	*-1.52*	
		For >250 To 500, Deduct	*-2.64*	
		For >500, Deduct	*-3.76*	
06 05 23 00-0041	EA	16 Gauge, Galvanized Joist Hanger, For 3" x 6" To 3" x 9" Joist, Also Acceptable For Beam Hangers (Simpson Strong Tie® LUS36)	12.23	3.68
		For >10 To 50, Deduct	*-0.37*	
		For >50 To 100, Deduct	*-0.86*	
		For >100 To 250, Deduct	*-1.73*	
		For >250 To 500, Deduct	*-2.96*	
		For >500, Deduct	*-4.20*	
06 05 23 00-0042	EA	16 Gauge, Galvanized Joist Hanger, For 3" x 10" To 3" x 14" Joist, Also Acceptable For Beam Hangers (Simpson Strong Tie® LUS310)	13.28	3.80
		For >10 To 50, Deduct	*-0.39*	
		For >50 To 100, Deduct	*-0.92*	
		For >100 To 250, Deduct	*-1.83*	
		For >250 To 500, Deduct	*-3.14*	
		For >500, Deduct	*-4.45*	
06 05 23 00-0043	EA	14 Gauge, Galvanized Joist Hanger, For 4" x 6" To 4" x 8" Joist, Also Acceptable For Beam Hangers (Simpson Strong Tie® HUS46)	20.08	4.04
		For >10 To 50, Deduct	*-0.40*	
		For >50 To 100, Deduct	*-1.10*	
		For >100 To 250, Deduct	*-2.21*	
		For >250 To 500, Deduct	*-3.71*	
		For >500, Deduct	*-5.22*	
06 05 23 00-0044	EA	14 Gauge, Galvanized Joist Hanger, For 4" x 10" To 4" x 14" Joist, Also Acceptable For Beam Hangers (Simpson Strong Tie® HUS412)	23.84	4.17
		For >10 To 50, Deduct	*-0.41*	
		For >50 To 100, Deduct	*-1.21*	
		For >100 To 250, Deduct	*-2.43*	
		For >250 To 500, Deduct	*-4.05*	
		For >500, Deduct	*-5.68*	

06 05 23 00-0045 Anchor And Ties *(06 05 23)*

Note: Including nails.

06 05 23 00-0046	EA	12-3/8" Long, 11 Gauge, Galvanized Heavy Tension Tie (Simpson Strong Tie® HTT4) Note: Includes nails. Excludes anchor bolt.	35.96	
06 05 23 00-0047	EA	16" Long, 11 Gauge, Galvanized Heavy Tension Tie (Simpson Strong Tie® HTT5) Note: Includes nails. Excludes anchor bolt.	44.53	
06 05 23 00-0048	EA	16 Gauge, Zinc Galvanized Finish Mudsill Anchor (Simpson Strong Tie® MASAZ)	4.86	
06 05 23 00-0049	EA	16 Gauge, Zinc Galvanized Finish Mudsill Anchor (Simpson Strong Tie® MASBZ)	5.45	

06 05 23 00-0050 Hurricane Ties *(06 05 23)*

06 05 23 00-0051	EA	6" x 1-3/8" Wide, 18 Gauge, Galvanized Finish Hurricane Ties (Simpson Strong Tie® H2.5A)	8.75	3.68
		For >10 To 50, Deduct	*-0.41*	
		For >50 To 100, Deduct	*-0.83*	
		For >100 To 250, Deduct	*-1.67*	
		For >250 To 500, Deduct	*-2.91*	
		For >500, Deduct	*-4.16*	
06 05 23 00-0052	EA	6" x 1-3/8" Wide, 18 Gauge, Zinc Galvanized Finish Hurricane Ties (Simpson Strong Tie® H2.5AZ)	3.14	
06 05 23 00-0053	EA	6" x 1-3/8" Wide, 18 Gauge, Stainless Steel Hurricane Ties (Simpson Strong Tie® H2.5ASS)	8.26	
06 05 23 00-0054	EA	10-7/16" x 1-1/2" Wide, 18 Gauge, Galvanized Finish Hurricane Ties (Simpson Strong Tie® H2A)	10.65	3.68
		For >10 To 50, Deduct	*-0.41*	
		For >50 To 100, Deduct	*-0.88*	
		For >100 To 250, Deduct	*-1.76*	
		For >250 To 500, Deduct	*-3.05*	
		For >500, Deduct	*-4.35*	
06 05 23 00-0055	EA	19-3/16" x 2-1/4" Wide, 18 Gauge, Galvanized Finish Hurricane Ties (Simpson Strong Tie® H6)	17.34	

06 05 23 00-0056 Post Column Bases *(06 05 23)*

Note: Including nails.

06 05 23 00-0057	EA	Adjustable And Standoff 4" x 4" Post Base, With Bolts (Simpson Strong Tie® ABA44)	33.85	
06 05 23 00-0058	EA	Adjustable And Standoff 4" x 6" Post Base, With Bolts (Simpson Strong Tie® ABA46)	51.13	
06 05 23 00-0059	EA	Adjustable And Standoff 6" x 6" Post Base, With Bolts (Simpson Strong Tie® ABA66)	52.63	

06 05 23 00-0060 Post Column Caps *(06 05 23)*

Note: Including nails.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0061	EA	4" Beam, 4" Post Flange, 18 Gauge, Galvanized Post Cap (Simpson Strong Tie® BC4)	17.97	4.17
		For >10 To 50, Deduct	*-0.46*	
		For >50 To 100, Deduct	*-1.14*	
		For >100 To 250, Deduct	*-2.27*	
		For >250 To 500, Deduct	*-3.86*	
		For >500, Deduct	*-5.46*	
06 05 23 00-0062	EA	6" Beam, 6" Post Flange, 18 Gauge, Galvanized Post Cap (Simpson Strong Tie® BC6)	38.86	4.17
		For >10 To 50, Deduct	*-0.48*	
		For >50 To 100, Deduct	*-1.70*	
		For >100 To 250, Deduct	*-3.39*	
		For >250 To 500, Deduct	*-5.57*	
		For >500, Deduct	*-7.75*	
06 05 23 00-0063	EA	3-1/8" Beam, 4" Post, 7 Gauge, Gray Paint Column Cap With Bolts (Simpson Strong Tie® CC3 1/4-4) Note: Excludes field welding	192.06	
		For >10 To 50, Deduct	*-1.19*	
		For >50 To 100, Deduct	*-6.59*	
		For >100 To 250, Deduct	*-13.17*	
		For >250 To 500, Deduct	*-20.94*	
		For >500, Deduct	*-28.72*	
		For Hot Dipped Galvanized, Add	*75.73*	
06 05 23 00-0064	EA	3-1/8" Beam, 6" Post, 7 Gauge, Gray Paint Column Cap With Bolts (Simpson Strong Tie® CC3 1/4-6)	200.99	
		For >10 To 50, Deduct	*-1.34*	
		For >50 To 100, Deduct	*-7.03*	
		For >100 To 250, Deduct	*-14.06*	
		For >250 To 500, Deduct	*-22.43*	
		For >500, Deduct	*-30.80*	
		For Hot Dipped Galvanized, Add	*78.40*	
06 05 23 00-0065	EA	4" Beam, 4" Post, 7 Gauge, Gray Paint Column Cap With Bolts (Simpson Strong Tie® CC44) Note: Excludes field welding	124.64	
		For >10 To 50, Deduct	*-1.19*	
		For >50 To 100, Deduct	*-4.90*	
		For >100 To 250, Deduct	*-9.80*	
		For >250 To 500, Deduct	*-15.89*	
		For >500, Deduct	*-21.98*	
		For Hot Dipped Galvanized, Add	*45.39*	
06 05 23 00-0066	EA	4" Beam, 6" Post, 7 Gauge, Gray Paint Column Cap With Bolts (Simpson Strong Tie® CC46)	196.89	
		For >10 To 50, Deduct	*-1.34*	
		For >50 To 100, Deduct	*-6.93*	
		For >100 To 250, Deduct	*-13.86*	
		For >250 To 500, Deduct	*-22.13*	
		For >500, Deduct	*-30.39*	
		For Hot Dipped Galvanized, Add	*76.56*	
06 05 23 00-0067	EA	4" Beam, 8" Post, 7 Gauge, Gray Paint Column Cap With Bolts (Simpson Strong Tie® CC48) Note: Excludes field welding	205.74	
		For >10 To 50, Deduct	*-1.34*	
		For >50 To 100, Deduct	*-7.15*	
		For >100 To 250, Deduct	*-14.30*	
		For >250 To 500, Deduct	*-22.79*	
		For >500, Deduct	*-31.28*	
		For Hot Dipped Galvanized, Add	*80.54*	
06 05 23 00-0068	EA	6" Beam, 4" Post, 7 Gauge, Gray Paint Column Cap With Bolts (Simpson Strong Tie® CC64)	210.09	
		For >10 To 50, Deduct	*-1.28*	
		For >50 To 100, Deduct	*-7.17*	
		For >100 To 250, Deduct	*-14.34*	
		For >250 To 500, Deduct	*-22.79*	
		For >500, Deduct	*-31.24*	
		For Hot Dipped Galvanized, Add	*83.03*	
06 05 23 00-0069	EA	6" Beam, 6" Post, 7 Gauge, Gray Paint Column Cap With Bolts (Simpson Strong Tie® CC66)	212.47	
		For >10 To 50, Deduct	*-1.40*	
		For >50 To 100, Deduct	*-7.41*	
		For >100 To 250, Deduct	*-14.82*	
		For >250 To 500, Deduct	*-23.62*	
		For >500, Deduct	*-32.43*	
		For Hot Dipped Galvanized, Add	*83.03*	
06 05 23 00-0070	EA	6" Beam, 8" Post, 7 Gauge, Gray Paint Column Cap With Bolts (Simpson Strong Tie® CC68)	212.47	
		For >10 To 50, Deduct	*-1.40*	
		For >50 To 100, Deduct	*-7.41*	
		For >100 To 250, Deduct	*-14.82*	
		For >250 To 500, Deduct	*-23.62*	
		For >500, Deduct	*-32.43*	
		For Hot Dipped Galvanized, Add	*83.03*	
06 05 23 00-0071	EA	5-1/8" Beam, 4" Post, 3 Gauge, Gray Paint Column Cap With Bolts (Simpson Strong Tie® CC5 1/4-4)	244.82	
		For >10 To 50, Deduct	*-1.28*	
		For >50 To 100, Deduct	*-8.04*	
		For >100 To 250, Deduct	*-16.08*	
		For >250 To 500, Deduct	*-25.39*	
		For >500, Deduct	*-34.71*	
		For Hot Dipped Galvanized, Add	*98.66*	
06 05 23 00-0072	EA	5-1/8" Beam, 6" Post, 3 Gauge, Gray Paint Column Cap With Bolts (Simpson Strong Tie® CC5 1/4-6)	247.20	
		For >10 To 50, Deduct	*-1.40*	
		For >50 To 100, Deduct	*-8.28*	
		For >100 To 250, Deduct	*-16.55*	
		For >250 To 500, Deduct	*-26.23*	
		For >500, Deduct	*-35.90*	
		For Hot Dipped Galvanized, Add	*98.66*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0073	EA	5-1/8" Beam, 8" Post, 3 Gauge, Gray Paint Column Cap With Bolts (Simpson Strong Tie® CC5 1/4-8)	247.20	
		For >10 To 50, Deduct	*-1.40*	
		For >50 To 100, Deduct	*-8.28*	
		For >100 To 250, Deduct	*-16.55*	
		For >250 To 500, Deduct	*-26.23*	
		For >500, Deduct	*-35.90*	
		For Hot Dipped Galvanized, Add	*98.66*	
06 05 23 00-0074	EA	8" Beam, 4" Post, 3 Gauge, Gray Paint Column Cap With Bolts (Simpson Strong Tie® CC84)	298.61	
		For >10 To 50, Deduct	*-1.28*	
		For >50 To 100, Deduct	*-9.38*	
		For >100 To 250, Deduct	*-18.77*	
		For >250 To 500, Deduct	*-29.43*	
		For >500, Deduct	*-40.09*	
		For Hot Dipped Galvanized, Add	*122.87*	
06 05 23 00-0075	EA	8" Beam, 6" Post, 3 Gauge, Gray Paint Column Cap With Bolts (Simpson Strong Tie® CC86)	300.99	
		For >10 To 50, Deduct	*-1.40*	
		For >50 To 100, Deduct	*-9.62*	
		For >100 To 250, Deduct	*-19.24*	
		For >250 To 500, Deduct	*-30.26*	
		For >500, Deduct	*-41.28*	
		For Hot Dipped Galvanized, Add	*122.87*	
06 05 23 00-0076	EA	8" Beam, 8" Post, 3 Gauge, Gray Paint Column Cap With Bolts (Simpson Strong Tie® CC88)	300.99	
		For >10 To 50, Deduct	*-1.40*	
		For >50 To 100, Deduct	*-9.62*	
		For >100 To 250, Deduct	*-19.24*	
		For >250 To 500, Deduct	*-30.26*	
		For >500, Deduct	*-41.28*	
		For Hot Dipped Galvanized, Add	*122.87*	
06 05 23 00-0077	EA	3-1/8" Beam, 4" Post, 7 Gauge, Gray Paint End Column Cap With Bolts (Simpson Strong Tie® ECC3 1/4-4) Note: Excludes field welding	192.06	
		For >10 To 50, Deduct	*-1.19*	
		For >50 To 100, Deduct	*-6.59*	
		For >100 To 250, Deduct	*-13.17*	
		For >250 To 500, Deduct	*-20.94*	
		For >500, Deduct	*-28.72*	
		For Hot Dipped Galvanized, Add	*75.73*	
06 05 23 00-0078	EA	3-1/8" Beam, 6" Post, 7 Gauge, Gray Paint End Column Cap With Bolts (Simpson Strong Tie® ECC3 1/4-6)	200.99	
		For >10 To 50, Deduct	*-1.34*	
		For >50 To 100, Deduct	*-7.03*	
		For >100 To 250, Deduct	*-14.06*	
		For >250 To 500, Deduct	*-22.43*	
		For >500, Deduct	*-30.80*	
		For Hot Dipped Galvanized, Add	*78.40*	
06 05 23 00-0079	EA	4" Beam, 4" Post, 7 Gauge, Gray Paint End Column Cap With Bolts (Simpson Strong Tie® ECC44) Note: Excludes field welding	124.64	
		For >10 To 50, Deduct	*-1.19*	
		For >50 To 100, Deduct	*-4.90*	
		For >100 To 250, Deduct	*-9.80*	
		For >250 To 500, Deduct	*-15.89*	
		For >500, Deduct	*-21.98*	
		For Hot Dipped Galvanized, Add	*45.39*	
06 05 23 00-0080	EA	4" Beam, 6" Post, 7 Gauge, Gray Paint End Column Cap With Bolts (Simpson Strong Tie® ECC46)	196.89	
		For >10 To 50, Deduct	*-1.34*	
		For >50 To 100, Deduct	*-6.93*	
		For >100 To 250, Deduct	*-13.86*	
		For >250 To 500, Deduct	*-22.13*	
		For >500, Deduct	*-30.39*	
		For Hot Dipped Galvanized, Add	*76.56*	
06 05 23 00-0081	EA	4" Beam, 8" Post, 7 Gauge, Gray Paint End Column Cap With Bolts (Simpson Strong Tie® ECC48) Note: Excludes field welding	205.74	
		For >10 To 50, Deduct	*-1.34*	
		For >50 To 100, Deduct	*-7.15*	
		For >100 To 250, Deduct	*-14.30*	
		For >250 To 500, Deduct	*-22.79*	
		For >500, Deduct	*-31.28*	
		For Hot Dipped Galvanized, Add	*80.54*	
06 05 23 00-0082	EA	6" Beam, 4" Post, 7 Gauge, Gray Paint End Column Cap With Bolts (Simpson Strong Tie® ECC64)	210.09	
		For >10 To 50, Deduct	*-1.28*	
		For >50 To 100, Deduct	*-7.17*	
		For >100 To 250, Deduct	*-14.34*	
		For >250 To 500, Deduct	*-22.79*	
		For >500, Deduct	*-31.24*	
		For Hot Dipped Galvanized, Add	*83.03*	
06 05 23 00-0083	EA	6" Beam, 6" Post, 7 Gauge, Gray Paint End Column Cap With Bolts (Simpson Strong Tie® ECC66)	212.47	
		For >10 To 50, Deduct	*-1.40*	
		For >50 To 100, Deduct	*-7.41*	
		For >100 To 250, Deduct	*-14.82*	
		For >250 To 500, Deduct	*-23.62*	
		For >500, Deduct	*-32.43*	
		For Hot Dipped Galvanized, Add	*83.03*	
06 05 23 00-0084	EA	6" Beam, 8" Post, 7 Gauge, Gray Paint End Column Cap With Bolts (Simpson Strong Tie® ECC68)	212.47	
		For >10 To 50, Deduct	*-1.40*	
		For >50 To 100, Deduct	*-7.41*	
		For >100 To 250, Deduct	*-14.82*	
		For >250 To 500, Deduct	*-23.62*	
		For >500, Deduct	*-32.43*	
		For Hot Dipped Galvanized, Add	*83.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0085	EA	5-1/8" Beam, 4" Post, 3 Gauge, Gray Paint End Column Cap With Bolts (Simpson Strong Tie® ECC5 1/4-4)	244.82	
		For >10 To 50, Deduct	*-1.28*	
		For >50 To 100, Deduct	*-8.04*	
		For >100 To 250, Deduct	*-16.08*	
		For >250 To 500, Deduct	*-25.39*	
		For >500, Deduct	*-34.71*	
		For Hot Dipped Galvanized, Add	*98.66*	
06 05 23 00-0086	EA	5-1/8" Beam, 6" Post, 3 Gauge, Gray Paint End Column Cap With Bolts (Simpson Strong Tie® ECC5 1/4-6)	247.20	
		For >10 To 50, Deduct	*-1.40*	
		For >50 To 100, Deduct	*-8.28*	
		For >100 To 250, Deduct	*-16.55*	
		For >250 To 500, Deduct	*-26.23*	
		For >500, Deduct	*-35.90*	
		For Hot Dipped Galvanized, Add	*98.66*	
06 05 23 00-0087	EA	5-1/8" Beam, 8" Post, 3 Gauge, Gray Paint End Column Cap With Bolts (Simpson Strong Tie® ECC5 1/4-8)	247.20	
		For >10 To 50, Deduct	*-1.40*	
		For >50 To 100, Deduct	*-8.28*	
		For >100 To 250, Deduct	*-16.55*	
		For >250 To 500, Deduct	*-26.23*	
		For >500, Deduct	*-35.90*	
		For Hot Dipped Galvanized, Add	*98.66*	
06 05 23 00-0088	EA	8" Beam, 4" Post, 3 Gauge, Gray Paint End Column Cap With Bolts (Simpson Strong Tie® ECC84)	298.61	
		For >10 To 50, Deduct	*-1.28*	
		For >50 To 100, Deduct	*-9.38*	
		For >100 To 250, Deduct	*-18.77*	
		For >250 To 500, Deduct	*-29.43*	
		For >500, Deduct	*-40.09*	
		For Hot Dipped Galvanized, Add	*122.87*	
06 05 23 00-0089	EA	8" Beam, 6" Post, 3 Gauge, Gray Paint End Column Cap With Bolts (Simpson Strong Tie® ECC86)	300.99	
		For >10 To 50, Deduct	*-1.40*	
		For >50 To 100, Deduct	*-9.62*	
		For >100 To 250, Deduct	*-19.24*	
		For >250 To 500, Deduct	*-30.26*	
		For >500, Deduct	*-41.28*	
		For Hot Dipped Galvanized, Add	*122.87*	
06 05 23 00-0090	EA	8" Beam, 8" Post, 3 Gauge, Gray Paint End Column Cap With Bolts (Simpson Strong Tie® ECC88)	300.99	
		For >10 To 50, Deduct	*-1.40*	
		For >50 To 100, Deduct	*-9.62*	
		For >100 To 250, Deduct	*-19.24*	
		For >250 To 500, Deduct	*-30.26*	
		For >500, Deduct	*-41.28*	
		For Hot Dipped Galvanized, Add	*122.87*	

06 05 23 00-0091 Rafter Connectors *(06 05 23)*

06 05 23 00-0092	EA	Galvanized Rigid Rafter Connector, For 2" x 6" (Simpson Strong Tie® RR)	10.36	3.68
		For >10 To 50, Deduct	*-0.41*	
		For >50 To 100, Deduct	*-0.87*	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-3.03*	
		For >500, Deduct	*-4.32*	

06 05 23 00-0093 Bolts And Fasteners *(06 05 23)*

06 05 23 00-0094 Carriage Bolts *(06 05 23 00-0093)*

Note: Includes drilling of holes in any material. Includes nut and washer.

06 05 23 00-0095 Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolts *(06 05 23 00-0094)*

06 05 23 00-0096	EA	1/4" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	15.90	
		For >10 To 50, Deduct	*-0.77*	
		For >50 To 100, Deduct	*-1.56*	
		For >100 To 250, Deduct	*-3.11*	
		For >250 To 500, Deduct	*-5.44*	
		For >500, Deduct	*-7.77*	
06 05 23 00-0097	EA	1/4" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	16.10	
		For >10 To 50, Deduct	*-0.77*	
		For >50 To 100, Deduct	*-1.56*	
		For >100 To 250, Deduct	*-3.12*	
		For >250 To 500, Deduct	*-5.46*	
		For >500, Deduct	*-7.79*	
06 05 23 00-0098	EA	1/4" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	16.22	
		For >10 To 50, Deduct	*-0.77*	
		For >50 To 100, Deduct	*-1.57*	
		For >100 To 250, Deduct	*-3.13*	
		For >250 To 500, Deduct	*-5.47*	
		For >500, Deduct	*-7.81*	
06 05 23 00-0099	EA	1/4" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	18.95	
		For >10 To 50, Deduct	*-0.89*	
		For >50 To 100, Deduct	*-1.81*	
		For >100 To 250, Deduct	*-3.62*	
		For >250 To 500, Deduct	*-6.33*	
		For >500, Deduct	*-9.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0100	EA	3/8" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	17.61	
		For >10 To 50, Deduct	*-0.83*	
		For >50 To 100, Deduct	*-1.69*	
		For >100 To 250, Deduct	*-3.38*	
		For >250 To 500, Deduct	*-5.90*	
		For >500, Deduct	*-8.42*	
06 05 23 00-0101	EA	3/8" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	19.12	
		For >10 To 50, Deduct	*-0.89*	
		For >50 To 100, Deduct	*-1.82*	
		For >100 To 250, Deduct	*-3.63*	
		For >250 To 500, Deduct	*-6.34*	
		For >500, Deduct	*-9.05*	
06 05 23 00-0102	EA	3/8" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	19.43	
		For >10 To 50, Deduct	*-0.89*	
		For >50 To 100, Deduct	*-1.82*	
		For >100 To 250, Deduct	*-3.65*	
		For >250 To 500, Deduct	*-6.36*	
		For >500, Deduct	*-9.08*	
06 05 23 00-0103	EA	3/8" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	23.23	
		For >10 To 50, Deduct	*-1.07*	
		For >50 To 100, Deduct	*-2.19*	
		For >100 To 250, Deduct	*-4.37*	
		For >250 To 500, Deduct	*-7.63*	
		For >500, Deduct	*-10.89*	
06 05 23 00-0104	EA	3/8" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	25.35	
		For >10 To 50, Deduct	*-1.13*	
		For >50 To 100, Deduct	*-2.33*	
		For >100 To 250, Deduct	*-4.66*	
		For >250 To 500, Deduct	*-8.12*	
		For >500, Deduct	*-11.58*	
06 05 23 00-0105	EA	3/8" Diameter x 12" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	28.66	
		For >10 To 50, Deduct	*-1.25*	
		For >50 To 100, Deduct	*-2.59*	
		For >100 To 250, Deduct	*-5.18*	
		For >250 To 500, Deduct	*-9.02*	
		For >500, Deduct	*-12.85*	
06 05 23 00-0106	EA	1/2" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	19.78	
		For >10 To 50, Deduct	*-0.89*	
		For >50 To 100, Deduct	*-1.83*	
		For >100 To 250, Deduct	*-3.67*	
		For >250 To 500, Deduct	*-6.39*	
		For >500, Deduct	*-9.11*	
06 05 23 00-0107	EA	1/2" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	21.78	
		For >10 To 50, Deduct	*-0.95*	
		For >50 To 100, Deduct	*-1.97*	
		For >100 To 250, Deduct	*-3.94*	
		For >250 To 500, Deduct	*-6.87*	
		For >500, Deduct	*-9.79*	
06 05 23 00-0108	EA	1/2" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	23.23	
		For >10 To 50, Deduct	*-1.01*	
		For >50 To 100, Deduct	*-2.10*	
		For >100 To 250, Deduct	*-4.19*	
		For >250 To 500, Deduct	*-7.30*	
		For >500, Deduct	*-10.41*	
06 05 23 00-0109	EA	1/2" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	26.05	
		For >10 To 50, Deduct	*-1.13*	
		For >50 To 100, Deduct	*-2.35*	
		For >100 To 250, Deduct	*-4.69*	
		For >250 To 500, Deduct	*-8.17*	
		For >500, Deduct	*-11.65*	
06 05 23 00-0110	EA	1/2" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	30.71	
		For >10 To 50, Deduct	*-1.31*	
		For >50 To 100, Deduct	*-2.73*	
		For >100 To 250, Deduct	*-5.46*	
		For >250 To 500, Deduct	*-9.50*	
		For >500, Deduct	*-13.54*	
06 05 23 00-0111	EA	1/2" Diameter x 12" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	34.54	
		For >10 To 50, Deduct	*-1.43*	
		For >50 To 100, Deduct	*-3.00*	
		For >100 To 250, Deduct	*-6.01*	
		For >250 To 500, Deduct	*-10.44*	
		For >500, Deduct	*-14.87*	
06 05 23 00-0112	EA	3/4" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	27.60	
		For >10 To 50, Deduct	*-1.07*	
		For >50 To 100, Deduct	*-2.30*	
		For >100 To 250, Deduct	*-4.59*	
		For >250 To 500, Deduct	*-7.96*	
		For >500, Deduct	*-11.32*	
06 05 23 00-0113	EA	3/4" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	30.04	
		For >10 To 50, Deduct	*-1.13*	
		For >50 To 100, Deduct	*-2.45*	
		For >100 To 250, Deduct	*-4.89*	
		For >250 To 500, Deduct	*-8.47*	
		For >500, Deduct	*-12.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0114	EA	3/4" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	36.18	
		For >10 To 50, Deduct	*-1.31*	
		For >50 To 100, Deduct	*-2.87*	
		For >100 To 250, Deduct	*-5.73*	
		For >250 To 500, Deduct	*-9.91*	
		For >500, Deduct	*-14.09*	
06 05 23 00-0115	EA	3/4" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	41.06	
		For >10 To 50, Deduct	*-1.37*	
		For >50 To 100, Deduct	*-3.08*	
		For >100 To 250, Deduct	*-6.16*	
		For >250 To 500, Deduct	*-10.60*	
		For >500, Deduct	*-15.05*	
06 05 23 00-0116	EA	3/4" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	44.57	
		For >10 To 50, Deduct	*-1.49*	
		For >50 To 100, Deduct	*-3.34*	
		For >100 To 250, Deduct	*-6.69*	
		For >250 To 500, Deduct	*-11.52*	
		For >500, Deduct	*-16.35*	
06 05 23 00-0117	EA	3/4" Diameter x 12" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	45.34	
		For >10 To 50, Deduct	*-1.55*	
		For >50 To 100, Deduct	*-3.45*	
		For >100 To 250, Deduct	*-6.91*	
		For >250 To 500, Deduct	*-11.90*	
		For >500, Deduct	*-16.90*	
06 05 23 00-0118		Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolts *(06 05 23 00-0094)*		
06 05 23 00-0119	EA	1/4" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	16.25	
		For >10 To 50, Deduct	*-0.77*	
		For >50 To 100, Deduct	*-1.57*	
		For >100 To 250, Deduct	*-3.13*	
		For >250 To 500, Deduct	*-5.47*	
		For >500, Deduct	*-7.81*	
06 05 23 00-0120	EA	1/4" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	16.61	
		For >10 To 50, Deduct	*-0.77*	
		For >50 To 100, Deduct	*-1.57*	
		For >100 To 250, Deduct	*-3.15*	
		For >250 To 500, Deduct	*-5.50*	
		For >500, Deduct	*-7.85*	
06 05 23 00-0121	EA	1/4" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	17.02	
		For >10 To 50, Deduct	*-0.77*	
		For >50 To 100, Deduct	*-1.59*	
		For >100 To 250, Deduct	*-3.17*	
		For >250 To 500, Deduct	*-5.53*	
		For >500, Deduct	*-7.89*	
06 05 23 00-0122	EA	1/4" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	20.30	
		For >10 To 50, Deduct	*-0.89*	
		For >50 To 100, Deduct	*-1.85*	
		For >100 To 250, Deduct	*-3.69*	
		For >250 To 500, Deduct	*-6.43*	
		For >500, Deduct	*-9.17*	
06 05 23 00-0123	EA	3/8" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	18.10	
		For >10 To 50, Deduct	*-0.83*	
		For >50 To 100, Deduct	*-1.70*	
		For >100 To 250, Deduct	*-3.40*	
		For >250 To 500, Deduct	*-5.94*	
		For >500, Deduct	*-8.47*	
06 05 23 00-0124	EA	3/8" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	19.88	
		For >10 To 50, Deduct	*-0.89*	
		For >50 To 100, Deduct	*-1.84*	
		For >100 To 250, Deduct	*-3.67*	
		For >250 To 500, Deduct	*-6.40*	
		For >500, Deduct	*-9.12*	
06 05 23 00-0125	EA	3/8" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	20.33	
		For >10 To 50, Deduct	*-0.89*	
		For >50 To 100, Deduct	*-1.85*	
		For >100 To 250, Deduct	*-3.69*	
		For >250 To 500, Deduct	*-6.43*	
		For >500, Deduct	*-9.17*	
06 05 23 00-0126	EA	3/8" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	24.59	
		For >10 To 50, Deduct	*-1.07*	
		For >50 To 100, Deduct	*-2.22*	
		For >100 To 250, Deduct	*-4.44*	
		For >250 To 500, Deduct	*-7.73*	
		For >500, Deduct	*-11.02*	
06 05 23 00-0127	EA	3/8" Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	26.88	
		For >10 To 50, Deduct	*-1.13*	
		For >50 To 100, Deduct	*-2.37*	
		For >100 To 250, Deduct	*-4.73*	
		For >250 To 500, Deduct	*-8.23*	
		For >500, Deduct	*-11.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0128	EA	3/8" Diameter x 12" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	30.07	
		For >10 To 50, Deduct	*-1.25*	
		For >50 To 100, Deduct	*-2.62*	
		For >100 To 250, Deduct	*-5.25*	
		For >250 To 500, Deduct	*-9.12*	
		For >500, Deduct	*-13.00*	
06 05 23 00-0129	EA	1/2" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	20.92	
		For >10 To 50, Deduct	*-0.89*	
		For >50 To 100, Deduct	*-1.86*	
		For >100 To 250, Deduct	*-3.72*	
		For >250 To 500, Deduct	*-6.48*	
		For >500, Deduct	*-9.23*	
06 05 23 00-0130	EA	1/2" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	22.68	
		For >10 To 50, Deduct	*-0.95*	
		For >50 To 100, Deduct	*-1.99*	
		For >100 To 250, Deduct	*-3.99*	
		For >250 To 500, Deduct	*-6.93*	
		For >500, Deduct	*-9.88*	
06 05 23 00-0131	EA	1/2" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	24.30	
		For >10 To 50, Deduct	*-1.01*	
		For >50 To 100, Deduct	*-2.12*	
		For >100 To 250, Deduct	*-4.25*	
		For >250 To 500, Deduct	*-7.38*	
		For >500, Deduct	*-10.52*	
06 05 23 00-0132	EA	1/2" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	27.59	
		For >10 To 50, Deduct	*-1.13*	
		For >50 To 100, Deduct	*-2.38*	
		For >100 To 250, Deduct	*-4.77*	
		For >250 To 500, Deduct	*-8.28*	
		For >500, Deduct	*-11.80*	
06 05 23 00-0133	EA	1/2" Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	32.21	
		For >10 To 50, Deduct	*-1.31*	
		For >50 To 100, Deduct	*-2.77*	
		For >100 To 250, Deduct	*-5.54*	
		For >250 To 500, Deduct	*-9.61*	
		For >500, Deduct	*-13.69*	
06 05 23 00-0134	EA	1/2" Diameter x 12" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	35.70	
		For >10 To 50, Deduct	*-1.43*	
		For >50 To 100, Deduct	*-3.03*	
		For >100 To 250, Deduct	*-6.07*	
		For >250 To 500, Deduct	*-10.53*	
		For >500, Deduct	*-14.99*	
06 05 23 00-0135	EA	3/4" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	31.02	
		For >10 To 50, Deduct	*-1.07*	
		For >50 To 100, Deduct	*-2.38*	
		For >100 To 250, Deduct	*-4.76*	
		For >250 To 500, Deduct	*-8.21*	
		For >500, Deduct	*-11.67*	
06 05 23 00-0136	EA	3/4" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	32.43	
		For >10 To 50, Deduct	*-1.13*	
		For >50 To 100, Deduct	*-2.51*	
		For >100 To 250, Deduct	*-5.01*	
		For >250 To 500, Deduct	*-8.65*	
		For >500, Deduct	*-12.28*	
06 05 23 00-0137	EA	3/4" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	37.87	
		For >10 To 50, Deduct	*-1.31*	
		For >50 To 100, Deduct	*-2.91*	
		For >100 To 250, Deduct	*-5.82*	
		For >250 To 500, Deduct	*-10.04*	
		For >500, Deduct	*-14.26*	
06 05 23 00-0138	EA	3/4" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	40.93	
		For >10 To 50, Deduct	*-1.37*	
		For >50 To 100, Deduct	*-3.08*	
		For >100 To 250, Deduct	*-6.15*	
		For >250 To 500, Deduct	*-10.59*	
		For >500, Deduct	*-15.04*	
06 05 23 00-0139	EA	3/4" Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	46.78	
		For >10 To 50, Deduct	*-1.49*	
		For >50 To 100, Deduct	*-3.40*	
		For >100 To 250, Deduct	*-6.80*	
		For >250 To 500, Deduct	*-11.68*	
		For >500, Deduct	*-16.57*	
06 05 23 00-0140	EA	3/4" Diameter x 12" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	49.94	
		For >10 To 50, Deduct	*-1.55*	
		For >50 To 100, Deduct	*-3.57*	
		For >100 To 250, Deduct	*-7.14*	
		For >250 To 500, Deduct	*-12.25*	
		For >500, Deduct	*-17.36*	

06 05 23 00-0141 304/18-8 Stainless Steel, Carriage Bolts *(06 05 23 00-0094)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0142	EA	1/4" Diameter x 2" Length, 304/18-8 Stainless Steel, Carriage Bolt	17.39	
		For >10 To 50, Deduct	*-0.77*	
		For >50 To 100, Deduct	*-1.59*	
		For >100 To 250, Deduct	*-3.19*	
		For >250 To 500, Deduct	*-5.56*	
		For >500, Deduct	*-7.92*	
06 05 23 00-0143	EA	1/4" Diameter x 4" Length, 304/18-8 Stainless Steel, Carriage Bolt	19.51	
		For >10 To 50, Deduct	*-0.77*	
		For >50 To 100, Deduct	*-1.65*	
		For >100 To 250, Deduct	*-3.29*	
		For >250 To 500, Deduct	*-5.71*	
		For >500, Deduct	*-8.14*	
06 05 23 00-0144	EA	1/4" Diameter x 6" Length, 304/18-8 Stainless Steel, Carriage Bolt	20.89	
		For >10 To 50, Deduct	*-0.77*	
		For >50 To 100, Deduct	*-1.68*	
		For >100 To 250, Deduct	*-3.36*	
		For >250 To 500, Deduct	*-5.82*	
		For >500, Deduct	*-8.27*	
06 05 23 00-0145	EA	1/4" Diameter x 8" Length, 304/18-8 Stainless Steel, Carriage Bolt	38.18	
		For >10 To 50, Deduct	*-0.89*	
		For >50 To 100, Deduct	*-2.29*	
		For >100 To 250, Deduct	*-4.59*	
		For >250 To 500, Deduct	*-7.77*	
		For >500, Deduct	*-10.95*	
06 05 23 00-0146	EA	3/8" Diameter x 2" Length, 304/18-8 Stainless Steel, Carriage Bolt	20.54	
		For >10 To 50, Deduct	*-0.83*	
		For >50 To 100, Deduct	*-1.76*	
		For >100 To 250, Deduct	*-3.52*	
		For >250 To 500, Deduct	*-6.12*	
		For >500, Deduct	*-8.71*	
06 05 23 00-0147	EA	3/8" Diameter x 4" Length, 304/18-8 Stainless Steel, Carriage Bolt	24.80	
		For >10 To 50, Deduct	*-0.89*	
		For >50 To 100, Deduct	*-1.96*	
		For >100 To 250, Deduct	*-3.92*	
		For >250 To 500, Deduct	*-6.77*	
		For >500, Deduct	*-9.62*	
06 05 23 00-0148	EA	3/8" Diameter x 6" Length, 304/18-8 Stainless Steel, Carriage Bolt	25.46	
		For >10 To 50, Deduct	*-0.89*	
		For >50 To 100, Deduct	*-1.97*	
		For >100 To 250, Deduct	*-3.95*	
		For >250 To 500, Deduct	*-6.82*	
		For >500, Deduct	*-9.68*	
06 05 23 00-0149	EA	3/8" Diameter x 8" Length, 304/18-8 Stainless Steel, Carriage Bolt	51.11	
		For >10 To 50, Deduct	*-1.07*	
		For >50 To 100, Deduct	*-2.88*	
		For >100 To 250, Deduct	*-5.77*	
		For >250 To 500, Deduct	*-9.72*	
		For >500, Deduct	*-13.68*	
06 05 23 00-0150	EA	3/8" Diameter x 10" Length, 304/18-8 Stainless Steel, Carriage Bolt	63.31	
		For >10 To 50, Deduct	*-1.13*	
		For >50 To 100, Deduct	*-3.28*	
		For >100 To 250, Deduct	*-6.56*	
		For >250 To 500, Deduct	*-10.96*	
		For >500, Deduct	*-15.37*	
06 05 23 00-0151	EA	3/8" Diameter x 12" Length, 304/18-8 Stainless Steel, Carriage Bolt	71.04	
		For >10 To 50, Deduct	*-1.25*	
		For >50 To 100, Deduct	*-3.65*	
		For >100 To 250, Deduct	*-7.30*	
		For >250 To 500, Deduct	*-12.19*	
		For >500, Deduct	*-17.09*	
06 05 23 00-0152	EA	1/2" Diameter x 2" Length, 304/18-8 Stainless Steel, Carriage Bolt	27.27	
		For >10 To 50, Deduct	*-0.89*	
		For >50 To 100, Deduct	*-2.02*	
		For >100 To 250, Deduct	*-4.04*	
		For >250 To 500, Deduct	*-6.95*	
		For >500, Deduct	*-9.86*	
06 05 23 00-0153	EA	1/2" Diameter x 4" Length, 304/18-8 Stainless Steel, Carriage Bolt	31.41	
		For >10 To 50, Deduct	*-0.95*	
		For >50 To 100, Deduct	*-2.21*	
		For >100 To 250, Deduct	*-4.43*	
		For >250 To 500, Deduct	*-7.59*	
		For >500, Deduct	*-10.75*	
06 05 23 00-0154	EA	1/2" Diameter x 6" Length, 304/18-8 Stainless Steel, Carriage Bolt	39.03	
		For >10 To 50, Deduct	*-1.01*	
		For >50 To 100, Deduct	*-2.49*	
		For >100 To 250, Deduct	*-4.98*	
		For >250 To 500, Deduct	*-8.49*	
		For >500, Deduct	*-11.99*	
06 05 23 00-0155	EA	1/2" Diameter x 8" Length, 304/18-8 Stainless Steel, Carriage Bolt	65.26	
		For >10 To 50, Deduct	*-1.13*	
		For >50 To 100, Deduct	*-3.33*	
		For >100 To 250, Deduct	*-6.65*	
		For >250 To 500, Deduct	*-11.11*	
		For >500, Deduct	*-15.57*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0156	EA	1/2" Diameter x 10" Length, 304/18-8 Stainless Steel, Carriage Bolt	73.50	
		For >10 To 50, Deduct	*-1.31*	
		For >50 To 100, Deduct	*-3.80*	
		For >100 To 250, Deduct	*-7.60*	
		For >250 To 500, Deduct	*-12.71*	
		For >500, Deduct	*-17.82*	
06 05 23 00-0157	EA	1/2" Diameter x 12" Length, 304/18-8 Stainless Steel, Carriage Bolt	119.60	
		For >10 To 50, Deduct	*-1.43*	
		For >50 To 100, Deduct	*-5.13*	
		For >100 To 250, Deduct	*-10.26*	
		For >250 To 500, Deduct	*-16.82*	
		For >500, Deduct	*-23.38*	
06 05 23 00-0158	EA	3/4" Diameter x 4" Length, 304/18-8 Stainless Steel, Carriage Bolt	92.74	
		For >10 To 50, Deduct	*-1.13*	
		For >50 To 100, Deduct	*-4.01*	
		For >100 To 250, Deduct	*-8.03*	
		For >250 To 500, Deduct	*-13.17*	
		For >500, Deduct	*-18.31*	
06 05 23 00-0159	EA	3/4" Diameter x 6" Length, 304/18-8 Stainless Steel, Carriage Bolt	133.29	
		For >10 To 50, Deduct	*-1.31*	
		For >50 To 100, Deduct	*-5.30*	
		For >100 To 250, Deduct	*-10.59*	
		For >250 To 500, Deduct	*-17.19*	
		For >500, Deduct	*-23.80*	
06 05 23 00-0160	EA	3/4" Diameter x 8" Length, 304/18-8 Stainless Steel, Carriage Bolt	148.25	
		For >10 To 50, Deduct	*-1.37*	
		For >50 To 100, Deduct	*-5.76*	
		For >100 To 250, Deduct	*-11.52*	
		For >250 To 500, Deduct	*-18.64*	
		For >500, Deduct	*-25.77*	
06 05 23 00-0161	EA	3/4" Diameter x 10" Length, 304/18-8 Stainless Steel, Carriage Bolt	222.40	
		For >10 To 50, Deduct	*-1.49*	
		For >50 To 100, Deduct	*-7.79*	
		For >100 To 250, Deduct	*-15.58*	
		For >250 To 500, Deduct	*-24.86*	
		For >500, Deduct	*-34.13*	
06 05 23 00-0162	EA	3/4" Diameter x 12" Length, 304/18-8 Stainless Steel, Carriage Bolt	234.06	
		For >10 To 50, Deduct	*-1.55*	
		For >50 To 100, Deduct	*-8.17*	
		For >100 To 250, Deduct	*-16.34*	
		For >250 To 500, Deduct	*-26.06*	
		For >500, Deduct	*-35.77*	

06 05 23 00-0163 316 Stainless Steel, Carriage Bolts *(06 05 23 00-0094)*

06 05 23 00-0164	EA	1/4" Diameter x 2" Length, 316 Stainless Steel, Carriage Bolt	27.17	
		For >10 To 50, Deduct	*-0.77*	
		For >50 To 100, Deduct	*-1.84*	
		For >100 To 250, Deduct	*-3.68*	
		For >250 To 500, Deduct	*-6.29*	
		For >500, Deduct	*-8.90*	
06 05 23 00-0165	EA	1/4" Diameter x 4" Length, 316 Stainless Steel, Carriage Bolt	30.88	
		For >10 To 50, Deduct	*-0.77*	
		For >50 To 100, Deduct	*-1.93*	
		For >100 To 250, Deduct	*-3.86*	
		For >250 To 500, Deduct	*-6.57*	
		For >500, Deduct	*-9.27*	
06 05 23 00-0166	EA	3/8" Diameter x 2" Length, 316 Stainless Steel, Carriage Bolt	33.33	
		For >10 To 50, Deduct	*-0.83*	
		For >50 To 100, Deduct	*-2.08*	
		For >100 To 250, Deduct	*-4.16*	
		For >250 To 500, Deduct	*-7.08*	
		For >500, Deduct	*-9.99*	
06 05 23 00-0167	EA	3/8" Diameter x 4" Length, 316 Stainless Steel, Carriage Bolt	39.68	
		For >10 To 50, Deduct	*-0.89*	
		For >50 To 100, Deduct	*-2.33*	
		For >100 To 250, Deduct	*-4.66*	
		For >250 To 500, Deduct	*-7.88*	
		For >500, Deduct	*-11.10*	
06 05 23 00-0168	EA	1/2" Diameter x 2" Length, 316 Stainless Steel, Carriage Bolt	56.20	
		For >10 To 50, Deduct	*-0.89*	
		For >50 To 100, Deduct	*-2.74*	
		For >100 To 250, Deduct	*-5.49*	
		For >250 To 500, Deduct	*-9.12*	
		For >500, Deduct	*-12.76*	
06 05 23 00-0169	EA	1/2" Diameter x 4" Length, 316 Stainless Steel, Carriage Bolt	61.40	
		For >10 To 50, Deduct	*-0.95*	
		For >50 To 100, Deduct	*-2.96*	
		For >100 To 250, Deduct	*-5.92*	
		For >250 To 500, Deduct	*-9.84*	
		For >500, Deduct	*-13.75*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0170	EA	1/2" Diameter x 6" Length, 316 Stainless Steel, Carriage Bolt	66.28	
		For >10 To 50, Deduct	*-1.01*	
		For >50 To 100, Deduct	*-3.17*	
		For >100 To 250, Deduct	*-6.35*	
		For >250 To 500, Deduct	*-10.53*	
		For >500, Deduct	*-14.72*	

06 05 23 00-0171 Hex Lag Bolts *(06 05 23 00-0093)*

Note: Includes drilling of holes in any material

06 05 23 00-0172 Zinc Plated Steel, Hex Lag Bolts *(06 05 23 00-0171)*

06 05 23 00-0173	EA	1/4" Diameter x 2" Length, Zinc Plated Steel, Hex Lag Bolt	15.14	
		For >10 To 50, Deduct	*-0.74*	
		For >50 To 100, Deduct	*-1.49*	
		For >100 To 250, Deduct	*-2.99*	
		For >250 To 500, Deduct	*-5.22*	
		For >500, Deduct	*-7.46*	
06 05 23 00-0174	EA	1/4" Diameter x 4" Length, Zinc Plated Steel, Hex Lag Bolt	15.31	
		For >10 To 50, Deduct	*-0.74*	
		For >50 To 100, Deduct	*-1.50*	
		For >100 To 250, Deduct	*-3.00*	
		For >250 To 500, Deduct	*-5.24*	
		For >500, Deduct	*-7.48*	
06 05 23 00-0175	EA	1/4" Diameter x 6" Length, Zinc Plated Steel, Hex Lag Bolt	15.65	
		For >10 To 50, Deduct	*-0.74*	
		For >50 To 100, Deduct	*-1.51*	
		For >100 To 250, Deduct	*-3.01*	
		For >250 To 500, Deduct	*-5.26*	
		For >500, Deduct	*-7.51*	
06 05 23 00-0176	EA	3/8" Diameter x 2" Length, Zinc Plated Steel, Hex Lag Bolt	16.71	
		For >10 To 50, Deduct	*-0.81*	
		For >50 To 100, Deduct	*-1.63*	
		For >100 To 250, Deduct	*-3.27*	
		For >250 To 500, Deduct	*-5.71*	
		For >500, Deduct	*-8.15*	
06 05 23 00-0177	EA	3/8" Diameter x 4" Length, Zinc Plated Steel, Hex Lag Bolt	18.20	
		For >10 To 50, Deduct	*-0.87*	
		For >50 To 100, Deduct	*-1.76*	
		For >100 To 250, Deduct	*-3.51*	
		For >250 To 500, Deduct	*-6.14*	
		For >500, Deduct	*-8.76*	
06 05 23 00-0178	EA	3/8" Diameter x 6" Length, Zinc Plated Steel, Hex Lag Bolt	18.58	
		For >10 To 50, Deduct	*-0.87*	
		For >50 To 100, Deduct	*-1.77*	
		For >100 To 250, Deduct	*-3.53*	
		For >250 To 500, Deduct	*-6.17*	
		For >500, Deduct	*-8.80*	
06 05 23 00-0179	EA	3/8" Diameter x 8" Length, Zinc Plated Steel, Hex Lag Bolt	22.82	
		For >10 To 50, Deduct	*-1.04*	
		For >50 To 100, Deduct	*-2.13*	
		For >100 To 250, Deduct	*-4.27*	
		For >250 To 500, Deduct	*-7.44*	
		For >500, Deduct	*-10.61*	
06 05 23 00-0180	EA	3/8" Diameter x 10" Length, Zinc Plated Steel, Hex Lag Bolt	24.19	
		For >10 To 50, Deduct	*-1.10*	
		For >50 To 100, Deduct	*-2.25*	
		For >100 To 250, Deduct	*-4.51*	
		For >250 To 500, Deduct	*-7.86*	
		For >500, Deduct	*-11.21*	
06 05 23 00-0181	EA	1/2" Diameter x 2" Length, Zinc Plated Steel, Hex Lag Bolt	18.58	
		For >10 To 50, Deduct	*-0.87*	
		For >50 To 100, Deduct	*-1.78*	
		For >100 To 250, Deduct	*-3.55*	
		For >250 To 500, Deduct	*-6.20*	
		For >500, Deduct	*-8.85*	
06 05 23 00-0182	EA	1/2" Diameter x 4" Length, Zinc Plated Steel, Hex Lag Bolt	20.28	
		For >10 To 50, Deduct	*-0.93*	
		For >50 To 100, Deduct	*-1.91*	
		For >100 To 250, Deduct	*-3.81*	
		For >250 To 500, Deduct	*-6.65*	
		For >500, Deduct	*-9.49*	
06 05 23 00-0183	EA	1/2" Diameter x 6" Length, Zinc Plated Steel, Hex Lag Bolt	22.16	
		For >10 To 50, Deduct	*-0.99*	
		For >50 To 100, Deduct	*-2.04*	
		For >100 To 250, Deduct	*-4.08*	
		For >250 To 500, Deduct	*-7.11*	
		For >500, Deduct	*-10.14*	
06 05 23 00-0184	EA	1/2" Diameter x 8" Length, Zinc Plated Steel, Hex Lag Bolt	25.29	
		For >10 To 50, Deduct	*-1.11*	
		For >50 To 100, Deduct	*-2.29*	
		For >100 To 250, Deduct	*-4.59*	
		For >250 To 500, Deduct	*-7.99*	
		For >500, Deduct	*-11.39*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0185	EA	1/2" Diameter x 10" Length, Zinc Plated Steel, Hex Lag Bolt	29.88	
		For >10 To 50, Deduct	*-1.28*	
		For >50 To 100, Deduct	*-2.67*	
		For >100 To 250, Deduct	*-5.34*	
		For >250 To 500, Deduct	*-9.29*	
		For >500, Deduct	*-13.25*	
06 05 23 00-0186	EA	1/2" Diameter x 12" Length, Zinc Plated Steel, Hex Lag Bolt	32.61	
		For >10 To 50, Deduct	*-1.40*	
		For >50 To 100, Deduct	*-2.91*	
		For >100 To 250, Deduct	*-5.83*	
		For >250 To 500, Deduct	*-10.14*	
		For >500, Deduct	*-14.45*	
06 05 23 00-0187	EA	3/4" Diameter x 4" Length, Zinc Plated Steel, Hex Lag Bolt	27.58	
		For >10 To 50, Deduct	*-1.11*	
		For >50 To 100, Deduct	*-2.35*	
		For >100 To 250, Deduct	*-4.70*	
		For >250 To 500, Deduct	*-8.16*	
		For >500, Deduct	*-11.62*	
06 05 23 00-0188	EA	3/4" Diameter x 6" Length, Zinc Plated Steel, Hex Lag Bolt	33.05	
		For >10 To 50, Deduct	*-1.28*	
		For >50 To 100, Deduct	*-2.75*	
		For >100 To 250, Deduct	*-5.50*	
		For >250 To 500, Deduct	*-9.53*	
		For >500, Deduct	*-13.57*	
06 05 23 00-0189	EA	3/4" Diameter x 8" Length, Zinc Plated Steel, Hex Lag Bolt	36.82	
		For >10 To 50, Deduct	*-1.34*	
		For >50 To 100, Deduct	*-2.93*	
		For >100 To 250, Deduct	*-5.86*	
		For >250 To 500, Deduct	*-10.13*	
		For >500, Deduct	*-14.41*	
06 05 23 00-0190	EA	3/4" Diameter x 10" Length, Zinc Plated Steel, Hex Lag Bolt	41.55	
		For >10 To 50, Deduct	*-1.46*	
		For >50 To 100, Deduct	*-3.23*	
		For >100 To 250, Deduct	*-6.45*	
		For >250 To 500, Deduct	*-11.13*	
		For >500, Deduct	*-15.82*	
06 05 23 00-0191	EA	3/4" Diameter x 12" Length, Zinc Plated Steel, Hex Lag Bolt	46.90	
		For >10 To 50, Deduct	*-1.52*	
		For >50 To 100, Deduct	*-3.45*	
		For >100 To 250, Deduct	*-6.89*	
		For >250 To 500, Deduct	*-11.85*	
		For >500, Deduct	*-16.81*	

06 05 23 00-0192 Hot Dipped Galvanized Steel, Hex Lag Bolts *(06 05 23 00-0171)*

06 05 23 00-0193	EA	1/4" Diameter x 2" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	15.22	
		For >10 To 50, Deduct	*-0.74*	
		For >50 To 100, Deduct	*-1.50*	
		For >100 To 250, Deduct	*-2.99*	
		For >250 To 500, Deduct	*-5.23*	
		For >500, Deduct	*-7.47*	
06 05 23 00-0194	EA	1/4" Diameter x 4" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	15.48	
		For >10 To 50, Deduct	*-0.74*	
		For >50 To 100, Deduct	*-1.50*	
		For >100 To 250, Deduct	*-3.00*	
		For >250 To 500, Deduct	*-5.25*	
		For >500, Deduct	*-7.50*	
06 05 23 00-0195	EA	1/4" Diameter x 6" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	15.75	
		For >10 To 50, Deduct	*-0.74*	
		For >50 To 100, Deduct	*-1.51*	
		For >100 To 250, Deduct	*-3.02*	
		For >250 To 500, Deduct	*-5.27*	
		For >500, Deduct	*-7.52*	
06 05 23 00-0196	EA	3/8" Diameter x 2" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	16.86	
		For >10 To 50, Deduct	*-0.81*	
		For >50 To 100, Deduct	*-1.64*	
		For >100 To 250, Deduct	*-3.27*	
		For >250 To 500, Deduct	*-5.72*	
		For >500, Deduct	*-8.17*	
06 05 23 00-0197	EA	3/8" Diameter x 4" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	18.43	
		For >10 To 50, Deduct	*-0.87*	
		For >50 To 100, Deduct	*-1.76*	
		For >100 To 250, Deduct	*-3.53*	
		For >250 To 500, Deduct	*-6.16*	
		For >500, Deduct	*-8.79*	
06 05 23 00-0198	EA	3/8" Diameter x 6" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	18.85	
		For >10 To 50, Deduct	*-0.87*	
		For >50 To 100, Deduct	*-1.77*	
		For >100 To 250, Deduct	*-3.55*	
		For >250 To 500, Deduct	*-6.19*	
		For >500, Deduct	*-8.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0199	EA	3/8" Diameter x 8" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	23.33	
		For >10 To 50, Deduct	*-1.04*	
		For >50 To 100, Deduct	*-2.15*	
		For >100 To 250, Deduct	*-4.29*	
		For >250 To 500, Deduct	*-7.48*	
		For >500, Deduct	*-10.67*	
06 05 23 00-0200	EA	3/8" Diameter x 10" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	25.05	
		For >10 To 50, Deduct	*-1.10*	
		For >50 To 100, Deduct	*-2.27*	
		For >100 To 250, Deduct	*-4.55*	
		For >250 To 500, Deduct	*-7.92*	
		For >500, Deduct	*-11.30*	
06 05 23 00-0201	EA	1/2" Diameter x 2" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	18.96	
		For >10 To 50, Deduct	*-0.87*	
		For >50 To 100, Deduct	*-1.79*	
		For >100 To 250, Deduct	*-3.57*	
		For >250 To 500, Deduct	*-6.23*	
		For >500, Deduct	*-8.89*	
06 05 23 00-0202	EA	1/2" Diameter x 4" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	20.50	
		For >10 To 50, Deduct	*-0.93*	
		For >50 To 100, Deduct	*-1.91*	
		For >100 To 250, Deduct	*-3.82*	
		For >250 To 500, Deduct	*-6.67*	
		For >500, Deduct	*-9.51*	
06 05 23 00-0203	EA	1/2" Diameter x 6" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	22.54	
		For >10 To 50, Deduct	*-0.99*	
		For >50 To 100, Deduct	*-2.05*	
		For >100 To 250, Deduct	*-4.10*	
		For >250 To 500, Deduct	*-7.14*	
		For >500, Deduct	*-10.18*	
06 05 23 00-0204	EA	1/2" Diameter x 8" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	26.45	
		For >10 To 50, Deduct	*-1.11*	
		For >50 To 100, Deduct	*-2.32*	
		For >100 To 250, Deduct	*-4.65*	
		For >250 To 500, Deduct	*-8.08*	
		For >500, Deduct	*-11.51*	
06 05 23 00-0205	EA	1/2" Diameter x 10" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	30.44	
		For >10 To 50, Deduct	*-1.28*	
		For >50 To 100, Deduct	*-2.68*	
		For >100 To 250, Deduct	*-5.37*	
		For >250 To 500, Deduct	*-9.34*	
		For >500, Deduct	*-13.30*	
06 05 23 00-0206	EA	1/2" Diameter x 12" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	33.99	
		For >10 To 50, Deduct	*-1.40*	
		For >50 To 100, Deduct	*-2.95*	
		For >100 To 250, Deduct	*-5.90*	
		For >250 To 500, Deduct	*-10.24*	
		For >500, Deduct	*-14.59*	
06 05 23 00-0207	EA	3/4" Diameter x 4" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	28.44	
		For >10 To 50, Deduct	*-1.11*	
		For >50 To 100, Deduct	*-2.37*	
		For >100 To 250, Deduct	*-4.74*	
		For >250 To 500, Deduct	*-8.22*	
		For >500, Deduct	*-11.70*	
06 05 23 00-0208	EA	3/4" Diameter x 6" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	33.83	
		For >10 To 50, Deduct	*-1.28*	
		For >50 To 100, Deduct	*-2.77*	
		For >100 To 250, Deduct	*-5.54*	
		For >250 To 500, Deduct	*-9.59*	
		For >500, Deduct	*-13.64*	
06 05 23 00-0209	EA	3/4" Diameter x 8" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	38.12	
		For >10 To 50, Deduct	*-1.34*	
		For >50 To 100, Deduct	*-2.96*	
		For >100 To 250, Deduct	*-5.93*	
		For >250 To 500, Deduct	*-10.23*	
		For >500, Deduct	*-14.54*	
06 05 23 00-0210	EA	3/4" Diameter x 10" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	44.61	
		For >10 To 50, Deduct	*-1.46*	
		For >50 To 100, Deduct	*-3.30*	
		For >100 To 250, Deduct	*-6.60*	
		For >250 To 500, Deduct	*-11.36*	
		For >500, Deduct	*-16.12*	
06 05 23 00-0211	EA	3/4" Diameter x 12" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt	50.19	
		For >10 To 50, Deduct	*-1.52*	
		For >50 To 100, Deduct	*-3.53*	
		For >100 To 250, Deduct	*-7.06*	
		For >250 To 500, Deduct	*-12.10*	
		For >500, Deduct	*-17.14*	

06 05 23 00-0212 304/18-8 Stainless Steel, Hex Lag Bolts *(06 05 23 00-0171)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0213	EA	1/4" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	16.20	
		For >10 To 50, Deduct	*-0.74*	
		For >50 To 100, Deduct	*-1.52*	
		For >100 To 250, Deduct	*-3.04*	
		For >250 To 500, Deduct	*-5.30*	
		For >500, Deduct	*-7.57*	
06 05 23 00-0214	EA	1/4" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	17.19	
		For >10 To 50, Deduct	*-0.74*	
		For >50 To 100, Deduct	*-1.55*	
		For >100 To 250, Deduct	*-3.09*	
		For >250 To 500, Deduct	*-5.38*	
		For >500, Deduct	*-7.67*	
06 05 23 00-0215	EA	1/4" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	19.89	
		For >10 To 50, Deduct	*-0.74*	
		For >50 To 100, Deduct	*-1.61*	
		For >100 To 250, Deduct	*-3.23*	
		For >250 To 500, Deduct	*-5.58*	
		For >500, Deduct	*-7.94*	
06 05 23 00-0216	EA	3/8" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	19.60	
		For >10 To 50, Deduct	*-0.81*	
		For >50 To 100, Deduct	*-1.71*	
		For >100 To 250, Deduct	*-3.41*	
		For >250 To 500, Deduct	*-5.93*	
		For >500, Deduct	*-8.44*	
06 05 23 00-0217	EA	3/8" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	22.26	
		For >10 To 50, Deduct	*-0.87*	
		For >50 To 100, Deduct	*-1.86*	
		For >100 To 250, Deduct	*-3.72*	
		For >250 To 500, Deduct	*-6.44*	
		For >500, Deduct	*-9.17*	
06 05 23 00-0218	EA	3/8" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	23.98	
		For >10 To 50, Deduct	*-0.87*	
		For >50 To 100, Deduct	*-1.90*	
		For >100 To 250, Deduct	*-3.80*	
		For >250 To 500, Deduct	*-6.57*	
		For >500, Deduct	*-9.34*	
06 05 23 00-0219	EA	3/8" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	51.44	
		For >10 To 50, Deduct	*-1.04*	
		For >50 To 100, Deduct	*-2.85*	
		For >100 To 250, Deduct	*-5.70*	
		For >250 To 500, Deduct	*-9.59*	
		For >500, Deduct	*-13.48*	
06 05 23 00-0220	EA	3/8" Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	73.59	
		For >10 To 50, Deduct	*-1.10*	
		For >50 To 100, Deduct	*-3.49*	
		For >100 To 250, Deduct	*-6.98*	
		For >250 To 500, Deduct	*-11.56*	
		For >500, Deduct	*-16.15*	
06 05 23 00-0221	EA	1/2" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	24.17	
		For >10 To 50, Deduct	*-0.87*	
		For >50 To 100, Deduct	*-1.92*	
		For >100 To 250, Deduct	*-3.83*	
		For >250 To 500, Deduct	*-6.62*	
		For >500, Deduct	*-9.41*	
06 05 23 00-0222	EA	1/2" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	28.92	
		For >10 To 50, Deduct	*-0.93*	
		For >50 To 100, Deduct	*-2.12*	
		For >100 To 250, Deduct	*-4.24*	
		For >250 To 500, Deduct	*-7.30*	
		For >500, Deduct	*-10.35*	
06 05 23 00-0223	EA	1/2" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	36.31	
		For >10 To 50, Deduct	*-0.99*	
		For >50 To 100, Deduct	*-2.39*	
		For >100 To 250, Deduct	*-4.79*	
		For >250 To 500, Deduct	*-8.17*	
		For >500, Deduct	*-11.56*	
06 05 23 00-0224	EA	1/2" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	78.62	
		For >10 To 50, Deduct	*-1.11*	
		For >50 To 100, Deduct	*-3.63*	
		For >100 To 250, Deduct	*-7.25*	
		For >250 To 500, Deduct	*-11.99*	
		For >500, Deduct	*-16.72*	
06 05 23 00-0225	EA	1/2" Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	107.83	
		For >10 To 50, Deduct	*-1.28*	
		For >50 To 100, Deduct	*-4.62*	
		For >100 To 250, Deduct	*-9.24*	
		For >250 To 500, Deduct	*-15.14*	
		For >500, Deduct	*-21.04*	
06 05 23 00-0226	EA	1/2" Diameter x 12" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	126.31	
		For >10 To 50, Deduct	*-1.40*	
		For >50 To 100, Deduct	*-5.26*	
		For >100 To 250, Deduct	*-10.51*	
		For >250 To 500, Deduct	*-17.17*	
		For >500, Deduct	*-23.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0227	EA	3/4" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	117.86	
		For >10 To 50, Deduct	*-1.11*	
		For >50 To 100, Deduct	*-4.61*	
		For >100 To 250, Deduct	*-9.22*	
		For >250 To 500, Deduct	*-14.93*	
		For >500, Deduct	*-20.65*	
06 05 23 00-0228	EA	3/4" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	134.66	
		For >10 To 50, Deduct	*-1.28*	
		For >50 To 100, Deduct	*-5.29*	
		For >100 To 250, Deduct	*-10.58*	
		For >250 To 500, Deduct	*-17.15*	
		For >500, Deduct	*-23.73*	
06 05 23 00-0229	EA	3/4" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	140.10	
		For >10 To 50, Deduct	*-1.34*	
		For >50 To 100, Deduct	*-5.51*	
		For >100 To 250, Deduct	*-11.03*	
		For >250 To 500, Deduct	*-17.88*	
		For >500, Deduct	*-24.73*	
06 05 23 00-0230	EA	3/4" Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	195.57	
		For >10 To 50, Deduct	*-1.46*	
		For >50 To 100, Deduct	*-7.08*	
		For >100 To 250, Deduct	*-14.15*	
		For >250 To 500, Deduct	*-22.68*	
		For >500, Deduct	*-31.22*	
06 05 23 00-0231	EA	3/4" Diameter x 12" Length, 304/18-8 Stainless Steel, Hex Lag Bolt	213.67	
		For >10 To 50, Deduct	*-1.52*	
		For >50 To 100, Deduct	*-7.62*	
		For >100 To 250, Deduct	*-15.23*	
		For >250 To 500, Deduct	*-24.36*	
		For >500, Deduct	*-33.49*	

06 05 23 00-0232 Stainless Steel Screws *(06 05 23 00-0093)*

06 05 23 00-0233	EA	#8 x 1-1/2" Stainless Steel Screw	2.33	
06 05 23 00-0234	EA	#9 x 1-1/2" Stainless Steel Screw	2.37	
06 05 23 00-0235	EA	#10 x 1-1/2" Stainless Steel Screw	2.44	
06 05 23 00-0236	EA	#12 x 1-1/2" Stainless Steel Screw	2.62	

06 05 23 00-0237 Galvanized Steel Screws *(06 05 23 00-0093)*

06 05 23 00-0238	EA	#8 x 1-1/2" Galvanized Steel Screw	2.16	
06 05 23 00-0239	EA	#9 x 1-1/2" Galvanized Steel Screw	2.21	
06 05 23 00-0240	EA	#10 x 1-1/2" Galvanized Steel Screw	2.26	
06 05 23 00-0241	EA	#12 x 1-1/2" Galvanized Steel Screw	2.41	
06 05 23 00-0242	EA	#8 x 2-1/2" Galvanized Steel Screw	2.20	
06 05 23 00-0243	EA	#9 x 2-1/2" Galvanized Steel Screw	2.24	
06 05 23 00-0244	EA	#10 x 2-1/2" Galvanized Steel Screw	2.30	
06 05 23 00-0245	EA	#12 x 2-1/2" Galvanized Steel Screw	2.49	

06 05 23 00-0246 Timber Bolts *(06 05 23 00-0093)*

Note: Includes drilling of holes in any material.

06 05 23 00-0247	EA	5/8" - 11 x 4" Threaded x 8" OAL A153 Galvanized Timber Bolt (Fastenal #11103914)	39.98	
		For >10 To 50, Deduct	*-1.23*	
		For >50 To 100, Deduct	*-2.85*	
		For >100 To 250, Deduct	*-5.69*	
		For >250 To 500, Deduct	*-9.77*	
		For >500, Deduct	*-13.85*	
06 05 23 00-0248	EA	5/8" - 11 x 4" Threaded x 10" OAL A153 Galvanized Timber Bolt (Fastenal #11103915)	45.23	
		For >10 To 50, Deduct	*-1.38*	
		For >50 To 100, Deduct	*-3.20*	
		For >100 To 250, Deduct	*-6.40*	
		For >250 To 500, Deduct	*-10.97*	
		For >500, Deduct	*-15.55*	
06 05 23 00-0249	EA	5/8" - 11 x 6" Threaded x 12" OAL A153 Galvanized Timber Bolt (Fastenal #11103916)	48.93	
		For >10 To 50, Deduct	*-1.47*	
		For >50 To 100, Deduct	*-3.43*	
		For >100 To 250, Deduct	*-6.85*	
		For >250 To 500, Deduct	*-11.74*	
		For >500, Deduct	*-16.64*	
06 05 23 00-0250	EA	5/8" - 11 x 6" Threaded x 14" OAL A153 Galvanized Timber Bolt (Fastenal #11103917)	54.85	
		For >10 To 50, Deduct	*-1.55*	
		For >50 To 100, Deduct	*-3.70*	
		For >100 To 250, Deduct	*-7.40*	
		For >250 To 500, Deduct	*-12.65*	
		For >500, Deduct	*-17.90*	
06 05 23 00-0251	EA	5/8" - 11 x 6" Threaded x 16" OAL A153 Galvanized Timber Bolt (Fastenal #11103918)	58.44	
		For >10 To 50, Deduct	*-1.64*	
		For >50 To 100, Deduct	*-3.92*	
		For >100 To 250, Deduct	*-7.83*	
		For >250 To 500, Deduct	*-13.38*	
		For >500, Deduct	*-18.93*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0252	EA	5/8" - 11 x 6" Threaded x 18" OAL A153 Galvanized Timber Bolt (Fastenal #11103919)	60.65	
		For >10 To 50, Deduct	*-1.71*	
		For >50 To 100, Deduct	*-4.08*	
		For >100 To 250, Deduct	*-8.16*	
		For >250 To 500, Deduct	*-13.94*	
		For >500, Deduct	*-19.73*	
06 05 23 00-0253	EA	3/4" - 11 x 4" Threaded x 10" OAL A153 Galvanized Timber Bolt (Fastenal #11103920)	54.64	
		For >10 To 50, Deduct	*-1.47*	
		For >50 To 100, Deduct	*-3.57*	
		For >100 To 250, Deduct	*-7.14*	
		For >250 To 500, Deduct	*-12.17*	
		For >500, Deduct	*-17.21*	
06 05 23 00-0254	EA	3/4" - 11 x 6" Threaded x 12" OAL A153 Galvanized Timber Bolt (Fastenal #11103921)	57.19	
		For >10 To 50, Deduct	*-1.53*	
		For >50 To 100, Deduct	*-3.72*	
		For >100 To 250, Deduct	*-7.44*	
		For >250 To 500, Deduct	*-12.69*	
		For >500, Deduct	*-17.94*	
06 05 23 00-0255	EA	3/4" - 11 x 6" Threaded x 14" OAL A153 Galvanized Timber Bolt (Fastenal #11103922)	63.63	
		For >10 To 50, Deduct	*-1.62*	
		For >50 To 100, Deduct	*-4.02*	
		For >100 To 250, Deduct	*-8.04*	
		For >250 To 500, Deduct	*-13.67*	
		For >500, Deduct	*-19.31*	
06 05 23 00-0256	EA	3/4" - 11 x 6" Threaded x 16" OAL A153 Galvanized Timber Bolt (Fastenal #11103923)	68.45	
		For >10 To 50, Deduct	*-1.70*	
		For >50 To 100, Deduct	*-4.26*	
		For >100 To 250, Deduct	*-8.53*	
		For >250 To 500, Deduct	*-14.49*	
		For >500, Deduct	*-20.46*	
06 05 23 00-0257	EA	3/4" - 11 x 6" Threaded x 18" OAL A153 Galvanized Timber Bolt (Fastenal #11103924)	73.72	
		For >10 To 50, Deduct	*-1.79*	
		For >50 To 100, Deduct	*-4.52*	
		For >100 To 250, Deduct	*-9.04*	
		For >250 To 500, Deduct	*-15.35*	
		For >500, Deduct	*-21.66*	

06 05 23 00-0258 Supports *(06 05 23)*

06 05 23 00-0259 Shear Plates *(06 05 23 00-0258)*

06 05 23 00-0260	EA	2-5/8" Diameter, Shear Plate	17.02	4.40
		For >10 To 50, Deduct	*-0.50*	
		For >50 To 100, Deduct	*-1.17*	
		For >100 To 250, Deduct	*-2.34*	
		For >250 To 500, Deduct	*-4.00*	
		For >500, Deduct	*-5.67*	
06 05 23 00-0261	EA	4" Diameter, Shear Plate	16.30	4.64
		For >10 To 50, Deduct	*-0.52*	
		For >50 To 100, Deduct	*-1.18*	
		For >100 To 250, Deduct	*-2.37*	
		For >250 To 500, Deduct	*-4.07*	
		For >500, Deduct	*-5.77*	

06 05 23 00-0262 Sill Anchors *(06 05 23 00-0258)*

06 05 23 00-0263	EA	Sill Anchor Embedded In Concrete	14.37	4.64
		For >10 To 50, Deduct	*-0.52*	
		For >50 To 100, Deduct	*-1.13*	
		For >100 To 250, Deduct	*-2.27*	
		For >250 To 500, Deduct	*-3.92*	
		For >500, Deduct	*-5.57*	

06 05 23 00-0264 Spike Grids *(06 05 23 00-0258)*

06 05 23 00-0265	EA	3" x 6" Flat Or Curved Spike Grid	12.74	4.40
		For >10 To 50, Deduct	*-0.50*	
		For >50 To 100, Deduct	*-1.06*	
		For >100 To 250, Deduct	*-2.12*	
		For >250 To 500, Deduct	*-3.68*	
		For >500, Deduct	*-5.24*	

06 05 23 00-0266 Split Rings *(06 05 23 00-0258)*

06 05 23 00-0267	EA	2-1/2" Diameter Split Ring	17.26	4.40
		For >10 To 50, Deduct	*-0.50*	
		For >50 To 100, Deduct	*-1.17*	
		For >100 To 250, Deduct	*-2.35*	
		For >250 To 500, Deduct	*-4.02*	
		For >500, Deduct	*-5.69*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0268	EA	4" Diameter Split Ring	18.56	4.88
		For >10 To 50, Deduct	*-0.54*	
		For >50 To 100, Deduct	*-1.28*	
		For >100 To 250, Deduct	*-2.55*	
		For >250 To 500, Deduct	*-4.37*	
		For >500, Deduct	*-6.18*	
06 05 23 00-0269		**Toothed Rings** *(06 05 23 00-0258)*		
06 05 23 00-0270	EA	2-5/8" Or 4" Toothed Ring	13.59	4.40
		For >10 To 50, Deduct	*-0.50*	
		For >50 To 100, Deduct	*-1.08*	
		For >100 To 250, Deduct	*-2.17*	
		For >250 To 500, Deduct	*-3.74*	
		For >500, Deduct	*-5.32*	
06 05 23 00-0271		**Straps And Shields** *(06 05 23)*		
06 05 23 00-0272		**Shield Plate** *(06 05 23 00-0271)*		
06 05 23 00-0273	EA	5" Wide x 8" Long, 16 Gauge, Galvanized Shield Plate (Simpson Strong Tie® PSPN58Z)	8.87	
		For >10 To 50, Deduct	*-0.07*	
		For >50 To 100, Deduct	*-0.30*	
		For >100 To 250, Deduct	*-0.59*	
		For >250 To 500, Deduct	*-1.04*	
		For >500, Deduct	*-1.57*	
06 05 23 00-0274	EA	5" Wide x 16" Long, 16 Gauge, Galvanized Shield Plate (Simpson Strong Tie® PSPN516Z)	14.07	
		For >10 To 50, Deduct	*-0.09*	
		For >50 To 100, Deduct	*-0.44*	
		For >100 To 250, Deduct	*-0.88*	
		For >250 To 500, Deduct	*-1.50*	
		For >500, Deduct	*-2.23*	
06 05 23 00-0275		**Strap Ties** *(06 05 23 00-0271)*		
06 05 23 00-0276	EA	1-1/4" Wide x 9" Long, 20 Gauge, Galvanized Strap Tie (Simpson Strong Tie® LSTA9)	3.45	
		For >10 To 50, Deduct	*-0.06*	
		For >50 To 100, Deduct	*-0.15*	
		For >100 To 250, Deduct	*-0.29*	
		For >250 To 500, Deduct	*-0.56*	
		For >500, Deduct	*-0.89*	
06 05 23 00-0277	EA	1-1/4" Wide x 12" Long, 20 Gauge, Galvanized Strap Tie (Simpson Strong Tie® LSTA12)	3.54	
		For >10 To 50, Deduct	*-0.06*	
		For >50 To 100, Deduct	*-0.15*	
		For >100 To 250, Deduct	*-0.30*	
		For >250 To 500, Deduct	*-0.56*	
		For >500, Deduct	*-0.90*	
06 05 23 00-0278	EA	1-1/4" Wide x 15" Long, 20 Gauge, Galvanized Strap Tie (Simpson Strong Tie® LSTA15)	4.53	
		For >10 To 50, Deduct	*-0.07*	
		For >50 To 100, Deduct	*-0.19*	
		For >100 To 250, Deduct	*-0.38*	
		For >250 To 500, Deduct	*-0.71*	
		For >500, Deduct	*-1.14*	
06 05 23 00-0279	EA	1-1/4" Wide x 18" Long, 20 Gauge, Galvanized Strap Tie (Simpson Strong Tie® LSTA18)	4.70	
		For >10 To 50, Deduct	*-0.07*	
		For >50 To 100, Deduct	*-0.19*	
		For >100 To 250, Deduct	*-0.38*	
		For >250 To 500, Deduct	*-0.73*	
		For >500, Deduct	*-1.16*	
06 05 23 00-0280	EA	1-1/4" Wide x 21" Long, 20 Gauge, Galvanized Strap Tie (Simpson Strong Tie® LSTA21)	4.88	
		For >10 To 50, Deduct	*-0.07*	
		For >50 To 100, Deduct	*-0.20*	
		For >100 To 250, Deduct	*-0.39*	
		For >250 To 500, Deduct	*-0.74*	
		For >500, Deduct	*-1.17*	
06 05 23 00-0281	EA	1-1/4" Wide x 24" Long, 20 Gauge, Galvanized Strap Tie (Simpson Strong Tie® LSTA24)	5.61	
		For >10 To 50, Deduct	*-0.09*	
		For >50 To 100, Deduct	*-0.23*	
		For >100 To 250, Deduct	*-0.46*	
		For >250 To 500, Deduct	*-0.87*	
		For >500, Deduct	*-1.38*	
06 05 23 00-0282	EA	1-1/4" Wide x 30" Long, 20 Gauge, Galvanized Strap Tie (Simpson Strong Tie® LSTA30)	7.24	
		For >10 To 50, Deduct	*-0.09*	
		For >50 To 100, Deduct	*-0.27*	
		For >100 To 250, Deduct	*-0.54*	
		For >250 To 500, Deduct	*-0.99*	
		For >500, Deduct	*-1.55*	
06 05 23 00-0283	EA	1-1/4" Wide x 36" Long, 20 Gauge, Galvanized Strap Tie (Simpson Strong Tie® LSTA36)	8.40	
		For >10 To 50, Deduct	*-0.10*	
		For >50 To 100, Deduct	*-0.31*	
		For >100 To 250, Deduct	*-0.63*	
		For >250 To 500, Deduct	*-1.15*	
		For >500, Deduct	*-1.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0284	EA	1-1/4" Wide x 9" Long, 18 Gauge, Galvanized Strap Tie (Simpson Strong Tie® MSTA9)	3.82	
		For >10 To 50, Deduct	*-0.06*	
		For >50 To 100, Deduct	*-0.15*	
		For >100 To 250, Deduct	*-0.31*	
		For >250 To 500, Deduct	*-0.58*	
		For >500, Deduct	*-0.93*	
06 05 23 00-0285	EA	1-1/4" Wide x 12" Long, 18 Gauge, Galvanized Strap Tie (Simpson Strong Tie® MSTA12)	3.95	
		For >10 To 50, Deduct	*-0.06*	
		For >50 To 100, Deduct	*-0.16*	
		For >100 To 250, Deduct	*-0.32*	
		For >250 To 500, Deduct	*-0.59*	
		For >500, Deduct	*-0.94*	
06 05 23 00-0286	EA	1-1/4" Wide x 15" Long, 18 Gauge, Galvanized Strap Tie (Simpson Strong Tie® MSTA15)	5.04	
		For >10 To 50, Deduct	*-0.07*	
		For >50 To 100, Deduct	*-0.20*	
		For >100 To 250, Deduct	*-0.40*	
		For >250 To 500, Deduct	*-0.75*	
		For >500, Deduct	*-1.19*	
06 05 23 00-0287	EA	1-1/4" Wide x 18" Long, 18 Gauge, Galvanized Strap Tie (Simpson Strong Tie® MSTA18)	5.26	
		For >10 To 50, Deduct	*-0.07*	
		For >50 To 100, Deduct	*-0.21*	
		For >100 To 250, Deduct	*-0.41*	
		For >250 To 500, Deduct	*-0.77*	
		For >500, Deduct	*-1.21*	
06 05 23 00-0288	EA	1-1/4" Wide x 21" Long, 18 Gauge, Galvanized Strap Tie (Simpson Strong Tie® MSTA21)	5.36	
		For >10 To 50, Deduct	*-0.07*	
		For >50 To 100, Deduct	*-0.21*	
		For >100 To 250, Deduct	*-0.42*	
		For >250 To 500, Deduct	*-0.77*	
		For >500, Deduct	*-1.22*	
06 05 23 00-0289	EA	1-1/4" Wide x 24" Long, 18 Gauge, Galvanized Strap Tie (Simpson Strong Tie® MSTA24)	6.12	
		For >10 To 50, Deduct	*-0.09*	
		For >50 To 100, Deduct	*-0.24*	
		For >100 To 250, Deduct	*-0.48*	
		For >250 To 500, Deduct	*-0.91*	
		For >500, Deduct	*-1.43*	
06 05 23 00-0290	EA	1-1/4" Wide x 30" Long, 18 Gauge, Galvanized Strap Tie (Simpson Strong Tie® MSTA30)	7.58	
		For >10 To 50, Deduct	*-0.09*	
		For >50 To 100, Deduct	*-0.28*	
		For >100 To 250, Deduct	*-0.56*	
		For >250 To 500, Deduct	*-1.01*	
		For >500, Deduct	*-1.58*	
06 05 23 00-0291	EA	1-1/4" Wide x 36" Long, 18 Gauge, Galvanized Strap Tie (Simpson Strong Tie® MSTA36)	8.41	
		For >10 To 50, Deduct	*-0.10*	
		For >50 To 100, Deduct	*-0.31*	
		For >100 To 250, Deduct	*-0.63*	
		For >250 To 500, Deduct	*-1.15*	
		For >500, Deduct	*-1.80*	
06 05 23 00-0292	EA	1-1/4" Wide x 36" Long, 18 Gauge, Galvanized Strap Tie (Simpson Strong Tie® MSTA49)	13.21	
		For >10 To 50, Deduct	*-0.12*	
		For >50 To 100, Deduct	*-0.45*	
		For >100 To 250, Deduct	*-0.90*	
		For >250 To 500, Deduct	*-1.59*	
		For >500, Deduct	*-2.42*	
06 05 23 00-0293	EA	1-1/4" Wide x 9" Long, 16 Gauge, Galvanized Strap Tie (Simpson Strong Tie® ST9)	4.50	
		For >10 To 50, Deduct	*-0.06*	
		For >50 To 100, Deduct	*-0.17*	
		For >100 To 250, Deduct	*-0.34*	
		For >250 To 500, Deduct	*-0.63*	
		For >500, Deduct	*-1.00*	
06 05 23 00-0294	EA	1-1/4" Wide x 12" Long, 16 Gauge, Galvanized Strap Tie (Simpson Strong Tie® ST12)	4.51	
		For >10 To 50, Deduct	*-0.06*	
		For >50 To 100, Deduct	*-0.17*	
		For >100 To 250, Deduct	*-0.34*	
		For >250 To 500, Deduct	*-0.63*	
		For >500, Deduct	*-1.00*	
06 05 23 00-0295	EA	1-1/4" Wide x 18" Long, 16 Gauge, Galvanized Strap Tie (Simpson Strong Tie® ST18)	5.50	
		For >10 To 50, Deduct	*-0.07*	
		For >50 To 100, Deduct	*-0.21*	
		For >100 To 250, Deduct	*-0.42*	
		For >250 To 500, Deduct	*-0.79*	
		For >500, Deduct	*-1.24*	
06 05 23 00-0296	EA	1-1/4" Wide x 22" Long, 16 Gauge, Galvanized Strap Tie (Simpson Strong Tie® ST22)	7.58	
		For >10 To 50, Deduct	*-0.09*	
		For >50 To 100, Deduct	*-0.28*	
		For >100 To 250, Deduct	*-0.56*	
		For >250 To 500, Deduct	*-1.01*	
		For >500, Deduct	*-1.58*	
06 05 23 00-0297	EA	1-3/8" Wide x 6" Long, 12 Gauge, Galvanized Strap Tie (Simpson Strong Tie® HRS6)	6.44	
		For >10 To 50, Deduct	*-0.06*	
		For >50 To 100, Deduct	*-0.22*	
		For >100 To 250, Deduct	*-0.44*	
		For >250 To 500, Deduct	*-0.78*	
		For >500, Deduct	*-1.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0298	EA	1-3/8" Wide x 8" Long, 12 Gauge, Galvanized Strap Tie (Simpson Strong Tie® HRS8)	7.10	
		For >10 To 50, Deduct	*-0.06*	
		For >50 To 100, Deduct	*-0.24*	
		For >100 To 250, Deduct	*-0.47*	
		For >250 To 500, Deduct	*-0.83*	
		For >500, Deduct	*-1.26*	
06 05 23 00-0299	EA	1-3/8" Wide x 12" Long, 12 Gauge, Galvanized Strap Tie (Simpson Strong Tie® HRS12)	9.32	
		For >10 To 50, Deduct	*-0.07*	
		For >50 To 100, Deduct	*-0.31*	
		For >100 To 250, Deduct	*-0.62*	
		For >250 To 500, Deduct	*-1.07*	
		For >500, Deduct	*-1.62*	
06 05 23 00-0300	EA	2-1/16" Wide x 27" Long, 12 Gauge, Galvanized Medium Strap Tie (Simpson Strong Tie® MST27)	13.83	
		For >10 To 50, Deduct	*-0.09*	
		For >50 To 100, Deduct	*-0.44*	
		For >100 To 250, Deduct	*-0.87*	
		For >250 To 500, Deduct	*-1.48*	
		For >500, Deduct	*-2.20*	
06 05 23 00-0301	EA	2-1/16" Wide x 37" Long, 12 Gauge, Galvanized Medium Strap Tie (Simpson Strong Tie® MST37)	17.22	
		For >10 To 50, Deduct	*-0.10*	
		For >50 To 100, Deduct	*-0.53*	
		For >100 To 250, Deduct	*-1.07*	
		For >250 To 500, Deduct	*-1.81*	
		For >500, Deduct	*-2.68*	
06 05 23 00-0302	EA	2-1/16" Wide x 48" Long, 12 Gauge, Galvanized Medium Strap Tie (Simpson Strong Tie® MST48)	25.43	
		For >10 To 50, Deduct	*-0.12*	
		For >50 To 100, Deduct	*-0.75*	
		For >100 To 250, Deduct	*-1.51*	
		For >250 To 500, Deduct	*-2.50*	
		For >500, Deduct	*-3.64*	
06 05 23 00-0303	EA	2-1/16" Wide x 60" Long, 12 Gauge, Galvanized Medium Strap Tie (Simpson Strong Tie® MST60)	44.18	
		For >10 To 50, Deduct	*-0.13*	
		For >50 To 100, Deduct	*-1.24*	
		For >100 To 250, Deduct	*-2.48*	
		For >250 To 500, Deduct	*-3.98*	
		For >500, Deduct	*-5.65*	
06 05 23 00-0304	EA	2-1/16" Wide x 72" Long, 12 Gauge, Galvanized Medium Strap Tie (Simpson Strong Tie® MST72)	56.92	
		For >10 To 50, Deduct	*-0.15*	
		For >50 To 100, Deduct	*-1.57*	
		For >100 To 250, Deduct	*-3.14*	
		For >250 To 500, Deduct	*-5.01*	
		For >500, Deduct	*-7.06*	
06 05 23 00-0305	EA	3" Wide x 28-1/4" Long, 16 Gauge, Galvanized Strap Ties (Simpson Strong Tie® MSTC28)	16.47	
		For >10 To 50, Deduct	*-0.09*	
		For >50 To 100, Deduct	*-0.50*	
		For >100 To 250, Deduct	*-1.00*	
		For >250 To 500, Deduct	*-1.68*	
		For >500, Deduct	*-2.47*	
06 05 23 00-0306	EA	3" Wide x 40-1/4" Long, 16 Gauge, Galvanized Strap Ties (Simpson Strong Tie® MSTC40)	21.25	
		For >10 To 50, Deduct	*-0.10*	
		For >50 To 100, Deduct	*-0.64*	
		For >100 To 250, Deduct	*-1.27*	
		For >250 To 500, Deduct	*-2.12*	
		For >500, Deduct	*-3.08*	
06 05 23 00-0307	EA	3" Wide x 52-1/4" Long, 16 Gauge, Galvanized Strap Ties (Simpson Strong Tie® MSTC52)	24.81	
		For >10 To 50, Deduct	*-0.12*	
		For >50 To 100, Deduct	*-0.74*	
		For >100 To 250, Deduct	*-1.48*	
		For >250 To 500, Deduct	*-2.46*	
		For >500, Deduct	*-3.58*	
06 05 23 00-0308	EA	3" Wide x 66-1/4" Long, 16 Gauge, Galvanized Strap Ties (Simpson Strong Tie® MSTC66)	37.70	
		For >10 To 50, Deduct	*-0.13*	
		For >50 To 100, Deduct	*-1.08*	
		For >100 To 250, Deduct	*-2.15*	
		For >250 To 500, Deduct	*-3.50*	
		For >500, Deduct	*-5.00*	

06 05 23 00-0309 Twist Strap Ties *(06 05 23 00-0271)*

06 05 23 00-0310	EA	1-1/4" Wide x 12" Long, 18 Gauge, Galvanized Twist Strap Tie (Simpson Strong Tie® LTS12)	4.03	
		For >10 To 50, Deduct	*-0.06*	
		For >50 To 100, Deduct	*-0.16*	
		For >100 To 250, Deduct	*-0.32*	
		For >250 To 500, Deduct	*-0.60*	
		For >500, Deduct	*-0.95*	
06 05 23 00-0311	EA	1-1/4" Wide x 16" Long, 18 Gauge, Galvanized Twist Strap Tie (Simpson Strong Tie® LTS16)	5.06	
		For >10 To 50, Deduct	*-0.07*	
		For >50 To 100, Deduct	*-0.19*	
		For >100 To 250, Deduct	*-0.39*	
		For >250 To 500, Deduct	*-0.71*	
		For >500, Deduct	*-1.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0312	EA	1-1/4" Wide x 18" Long, 18 Gauge, Galvanized Twist Strap Tie (Simpson Strong Tie® LTS18)	5.83	
		For >10 To 50, Deduct	*-0.07*	
		For >50 To 100, Deduct	*-0.22*	
		For >100 To 250, Deduct	*-0.44*	
		For >250 To 500, Deduct	*-0.81*	
		For >500, Deduct	*-1.27*	
06 05 23 00-0313	EA	1-1/4" Wide x 20" Long, 18 Gauge, Galvanized Twist Strap Tie (Simpson Strong Tie® LTS20)	6.31	
		For >10 To 50, Deduct	*-0.08*	
		For >50 To 100, Deduct	*-0.24*	
		For >100 To 250, Deduct	*-0.48*	
		For >250 To 500, Deduct	*-0.88*	
		For >500, Deduct	*-1.38*	
06 05 23 00-0314	EA	1-1/4" Wide x 12" Long, 16 Gauge, Galvanized Twist Strap Tie (Simpson Strong Tie® MTS12)	3.98	
		For >10 To 50, Deduct	*-0.06*	
		For >50 To 100, Deduct	*-0.16*	
		For >100 To 250, Deduct	*-0.32*	
		For >250 To 500, Deduct	*-0.59*	
		For >500, Deduct	*-0.94*	
06 05 23 00-0315	EA	1-1/4" Wide x 16" Long, 16 Gauge, Galvanized Twist Strap Tie (Simpson Strong Tie® MTS16)	5.14	
		For >10 To 50, Deduct	*-0.07*	
		For >50 To 100, Deduct	*-0.20*	
		For >100 To 250, Deduct	*-0.39*	
		For >250 To 500, Deduct	*-0.72*	
		For >500, Deduct	*-1.13*	
06 05 23 00-0316	EA	1-1/4" Wide x 18" Long, 16 Gauge, Galvanized Twist Strap Tie (Simpson Strong Tie® MTS18)	5.97	
		For >10 To 50, Deduct	*-0.07*	
		For >50 To 100, Deduct	*-0.22*	
		For >100 To 250, Deduct	*-0.45*	
		For >250 To 500, Deduct	*-0.82*	
		For >500, Deduct	*-1.28*	
06 05 23 00-0317	EA	1-1/4" Wide x 20" Long, 16 Gauge, Galvanized Twist Strap Tie (Simpson Strong Tie® MTS20)	6.36	
		For >10 To 50, Deduct	*-0.08*	
		For >50 To 100, Deduct	*-0.24*	
		For >100 To 250, Deduct	*-0.48*	
		For >250 To 500, Deduct	*-0.89*	
		For >500, Deduct	*-1.39*	
06 05 23 00-0318	EA	1-1/4" Wide x 24" Long, 16 Gauge, Galvanized Twist Strap Tie (Simpson Strong Tie® MTS24)	8.68	
		For >10 To 50, Deduct	*-0.09*	
		For >50 To 100, Deduct	*-0.31*	
		For >100 To 250, Deduct	*-0.61*	
		For >250 To 500, Deduct	*-1.10*	
		For >500, Deduct	*-1.69*	
06 05 23 00-0319	EA	1-1/4" Wide x 16" Long, 14 Gauge, Galvanized Twist Strap Tie (Simpson Strong Tie® HTS16)	6.63	
		For >10 To 50, Deduct	*-0.07*	
		For >50 To 100, Deduct	*-0.23*	
		For >100 To 250, Deduct	*-0.47*	
		For >250 To 500, Deduct	*-0.83*	
		For >500, Deduct	*-1.28*	
06 05 23 00-0320	EA	1-1/4" Wide x 20" Long, 14 Gauge, Galvanized Twist Strap Tie (Simpson Strong Tie® HTS20)	7.94	
		For >10 To 50, Deduct	*-0.08*	
		For >50 To 100, Deduct	*-0.28*	
		For >100 To 250, Deduct	*-0.56*	
		For >250 To 500, Deduct	*-1.00*	
		For >500, Deduct	*-1.55*	
06 05 23 00-0321	EA	1-1/4" Wide x 24" Long, 14 Gauge, Galvanized Twist Strap Tie (Simpson Strong Tie® HTS24)	9.22	
		For >10 To 50, Deduct	*-0.09*	
		For >50 To 100, Deduct	*-0.32*	
		For >100 To 250, Deduct	*-0.64*	
		For >250 To 500, Deduct	*-1.14*	
		For >500, Deduct	*-1.74*	

06 05 23 00-0322 Retrofit Plate Strap *(06 05 23 00-0271)*

06 05 23 00-0323	EA	1-3/8" Wide x 18-5/16" Long, 16 Gauge, Galvanized Retrofit Plate Strap (Simpson Strong Tie® RPS18)	6.65	
		For >10 To 50, Deduct	*-0.07*	
		For >50 To 100, Deduct	*-0.24*	
		For >100 To 250, Deduct	*-0.48*	
		For >250 To 500, Deduct	*-0.87*	
		For >500, Deduct	*-1.35*	
06 05 23 00-0324	EA	1-3/8" Wide x 22-5/16" Long, 16 Gauge, Galvanized Retrofit Plate Strap (Simpson Strong Tie® RPS22)	7.60	
		For >10 To 50, Deduct	*-0.07*	
		For >50 To 100, Deduct	*-0.26*	
		For >100 To 250, Deduct	*-0.53*	
		For >250 To 500, Deduct	*-0.94*	
		For >500, Deduct	*-1.45*	
06 05 23 00-0325	EA	1-3/8" Wide x 28-5/16" Long, 16 Gauge, Galvanized Retrofit Plate Strap (Simpson Strong Tie® RPS28)	9.09	
		For >10 To 50, Deduct	*-0.07*	
		For >50 To 100, Deduct	*-0.30*	
		For >100 To 250, Deduct	*-0.60*	
		For >250 To 500, Deduct	*-1.05*	
		For >500, Deduct	*-1.59*	

06 05 23 00-0326 Stud Shoe *(06 05 23 00-0271)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0327	EA	6" High With 3-1/4" Wide Tabs For 2X Stud, 16 Gauge, Galvanized Stud Shoe (Simpson Strong Tie® SS1.5)	11.32	
		For >10 To 50, Deduct	*-0.09*	
		For >50 To 100, Deduct	*-0.37*	
		For >100 To 250, Deduct	*-0.74*	
		For >250 To 500, Deduct	*-1.30*	
		For >500, Deduct	*-1.95*	
06 05 23 00-0328	EA	6" High With 3-1/4" Wide Tabs For 3X Stud, 16 Gauge, Galvanized Stud Shoe (Simpson Strong Tie® SS2.5)	22.33	
		For >10 To 50, Deduct	*-0.09*	
		For >50 To 100, Deduct	*-0.65*	
		For >100 To 250, Deduct	*-1.30*	
		For >250 To 500, Deduct	*-2.12*	
		For >500, Deduct	*-3.05*	
06 05 23 00-0329	EA	6" High With 3-1/4" Wide Tabs For 2-2X Studs, 16 Gauge, Galvanized Stud Shoe (Simpson Strong Tie® SS3)	22.43	
		For >10 To 50, Deduct	*-0.09*	
		For >50 To 100, Deduct	*-0.65*	
		For >100 To 250, Deduct	*-1.30*	
		For >250 To 500, Deduct	*-2.13*	
		For >500, Deduct	*-3.06*	
06 05 23 00-0330	EA	6" High With 3-1/4" Wide Tabs For 3-2X Studs, 16 Gauge, Galvanized Stud Shoe (Simpson Strong Tie® SS4.5)	30.09	
		For >10 To 50, Deduct	*-0.09*	
		For >50 To 100, Deduct	*-0.84*	
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 500, Deduct	*-2.70*	
		For >500, Deduct	*-3.83*	
06 05 23 00-0331	EA	7-1/8" High With 3-1/4" Wide Tabs For 2X Studs, 16 Gauge, Galvanized Stud Shoe (Simpson Strong Tie® HSS2-SDS1.5)	28.27	
		For >10 To 50, Deduct	*-0.09*	
		For >50 To 100, Deduct	*-0.80*	
		For >100 To 250, Deduct	*-1.59*	
		For >250 To 500, Deduct	*-2.57*	
		For >500, Deduct	*-3.65*	
06 05 23 00-0332	EA	7-1/8" High With 3-1/4" Wide Tabs For 2-2X Studs, 16 Gauge, Galvanized Stud Shoe (Simpson Strong Tie HSS2-2-SDS3)	30.63	
		For >10 To 50, Deduct	*-0.09*	
		For >50 To 100, Deduct	*-0.86*	
		For >100 To 250, Deduct	*-1.71*	
		For >250 To 500, Deduct	*-2.74*	
		For >500, Deduct	*-3.88*	
06 05 23 00-0333	EA	7-1/8" High With 3-1/4" Wide Tabs For 3-2X Studs, 16 Gauge, Galvanized Stud Shoe (Simpson Strong Tie® HSS2-3-SDS3)	32.43	
		For >10 To 50, Deduct	*-0.09*	
		For >50 To 100, Deduct	*-0.90*	
		For >100 To 250, Deduct	*-1.80*	
		For >250 To 500, Deduct	*-2.88*	
		For >500, Deduct	*-4.06*	
06 05 23 00-0334	EA	7-1/8" High With 3-1/4" Wide Tabs For 4X Studs, 16 Gauge, Galvanized Stud Shoe (Simpson Strong Tie® HSS4-SDS3)	49.04	
		For >10 To 50, Deduct	*-0.09*	
		For >50 To 100, Deduct	*-1.32*	
		For >100 To 250, Deduct	*-2.63*	
		For >250 To 500, Deduct	*-4.12*	
		For >500, Deduct	*-5.73*	

06 05 23 00-0335 Nail Stops *(06 05 23 00-0271)*

06 05 23 00-0336	EA	1-1/2" Wide x 3" Long, 16 Gauge, Galvanized Nail Stops (Simpson Strong Tie® NS1)	3.17	
		For >10 To 50, Deduct	*-0.06*	
		For >50 To 100, Deduct	*-0.14*	
		For >100 To 250, Deduct	*-0.28*	
		For >250 To 500, Deduct	*-0.53*	
		For >500, Deduct	*-0.86*	
06 05 23 00-0337	EA	1-1/2" Wide x 6" Long, 16 Gauge, Galvanized Nail Stops (Simpson Strong Tie® NS2)	3.33	
		For >10 To 50, Deduct	*-0.06*	
		For >50 To 100, Deduct	*-0.14*	
		For >100 To 250, Deduct	*-0.29*	
		For >250 To 500, Deduct	*-0.55*	
		For >500, Deduct	*-0.88*	

06 10 Rough Carpentry *(06)*

06 11 Wood Framing *(06 10)*

Note: All framing lumber is grade #2 or better unless otherwise listed. Dimensions are nominal. See CSI section 06 05 23 00-0000 for anchors and supports.

06 11 13 Engineered Wood Products *(06 11)*

Note: All framing lumber is grade #2 or better unless otherwise listed. Dimensions are nominal.

06 11 13 00-0001 Built-Up Members *(06 11 13)*

Note: A structural framing member made from fastening separate pieces of lumber together.

06 11 13 00-0002 Built-Up Beams Or Joists *(06 11 13 00-0001)*

06 11 13 00-0003	LF	Two 2" x 6" Built-up Wood Beam Or Joist	4.67	2.04
		For Each Additional 2" x_" In The Built Up Member, Add	*0.78*	
06 11 13 00-0004	LF	Two 2" x 8" Built-up Wood Beam Or Joist	5.80	2.39
		For Each Additional 2" x_" In The Built Up Member, Add	*1.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 11 13 00-0005	LF	Two 2" x 10" Built-up Wood Beam Or Joist	7.39	2.87
		For Each Additional 2" x_" In The Built Up Member, Add	*1.54*	
06 11 13 00-0006		**Built-Up Posts** *(06 11 13 00-0001)*		
06 11 13 00-0007	LF	Two 2" x 6" Built-up Wood Post	4.67	2.04
		For Each Additional 2" x_" In The Built Up Member, Add	*0.78*	
06 11 13 00-0008	LF	Two 2" x 8" Built-up Wood Post	5.80	2.39
		For Each Additional 2" x_" In The Built Up Member, Add	*1.11*	
06 11 13 00-0009	LF	Two 2" x 10" Built-up Wood Post	7.39	2.87
		For Each Additional 2" x_" In The Built Up Member, Add	*1.54*	
06 11 16		**Mechanically Graded Lumber** *(06 11)*		
06 11 16 00-0001		**Rafters And Joists** *(06 11 16)*		
06 11 16 00-0002		**Rafters** *(06 11 16 00-0001)*		
		Note: An inclined roof framing member to which a roof covering is attached.		
06 11 16 00-0003	LF	2" x 6" Wood Rafter	2.70	1.44
06 11 16 00-0004	LF	2" x 8" Wood Rafter	3.15	1.55
06 11 16 00-0005	LF	2" x 10" Wood Rafter	4.53	2.27
06 11 16 00-0006	LF	2" x 12" Wood Rafter	5.21	2.52
06 11 16 00-0007	LF	2" x 14" Wood Rafter	5.66	2.75
06 11 16 00-0008	LF	2" x 6" Pressure Treated Wood Rafter	3.37	1.44
06 11 16 00-0009	LF	2" x 8" Pressure Treated Wood Rafter	4.07	1.55
06 11 16 00-0010	LF	2" x 10" Pressure Treated Wood Rafter	5.51	2.27
06 11 16 00-0011	LF	2" x 12" Pressure Treated Wood Rafter	6.63	2.52
06 11 16 00-0012		**Joists** *(06 11 16 00-0001)*		
		Note: A series of parallel beams to support floors or ceilings.		
06 11 16 00-0013	LF	2" x 6" Wood Floor Joist	2.33	1.20
06 11 16 00-0014	LF	2" x 8" Wood Floor Joist	2.91	1.32
06 11 16 00-0015	LF	2" x 10" Wood Floor Joist	3.69	1.67
06 11 16 00-0016	LF	2" x 12" Wood Floor Joist	4.38	1.92
06 11 16 00-0017	LF	2" x 14" Wood Floor Joist	4.82	2.04
06 11 16 00-0018	LF	2" x 6" Pressure Treated Wood Floor Joist	3.00	1.20
06 11 16 00-0019	LF	2" x 8" Pressure Treated Wood Floor Joist	3.83	1.32
06 11 16 00-0020	LF	2" x 10" Pressure Treated Wood Floor Joist	4.67	1.67
06 11 16 00-0021	LF	2" x 12" Pressure Treated Wood Floor Joist	5.80	1.92
06 11 16 00-0022		**Purlins** *(06 11 16 00-0001)*		
		Note: A horizontal structural member in a roof, supporting the loads from the roof deck or sheathing.		
06 11 16 00-0023	LF	2" x 4" Wood Purlin	1.91	0.72
06 11 16 00-0024	LF	2" x 6" Wood Purlin	2.36	0.79
06 11 16 00-0025	LF	2" x 8" Wood Purlin	2.84	0.87
06 11 16 00-0026	LF	2" x 10" Wood Purlin	3.46	0.95
06 11 16 00-0027	LF	2" x 4" Pressure Treated Wood Purlin	2.31	0.72
06 11 16 00-0028	LF	2" x 6" Pressure Treated Wood Purlin	3.03	0.79
06 11 16 00-0029	LF	2" x 8" Pressure Treated Wood Purlin	3.76	0.87
06 11 16 00-0030	LF	2" x 10" Pressure Treated Wood Purlin	4.44	0.95
06 11 16 00-0031		**Exposed Rafters Or Joists** *(06 11 16 00-0001)*		
06 11 16 00-0032		**Redwood Rafters Or Joists** *(06 11 16 00-0031)*		
06 11 16 00-0033	LF	2" x 6" Redwood Rafter Or Joist	3.48	1.20
06 11 16 00-0034	LF	2" x 8" Redwood Rafter Or Joist	4.24	1.32
06 11 16 00-0035	LF	2" x 10" Redwood Rafter Or Joist	5.27	1.67
06 11 16 00-0036	LF	2" x 12" Redwood Rafter Or Joist	6.38	1.92
06 11 16 00-0037		**Cedar Rafters Or Joists** *(06 11 16 00-0031)*		
06 11 16 00-0038	LF	2" x 6" Cedar Rafter Or Joist	2.34	1.20
06 11 16 00-0039	LF	2" x 8" Cedar Rafter Or Joist	2.64	1.32
06 11 16 00-0040	LF	2" x 10" Cedar Rafter Or Joist	3.04	1.67
06 11 16 00-0041	LF	2" x 12" Cedar Rafter Or Joist	3.46	1.92
06 11 16 00-0042		**Oak Rafters Or Joists** *(06 11 16 00-0031)*		
06 11 16 00-0043	LF	2" x 6" Oak Rafter Or Joist	2.81	1.20
06 11 16 00-0044	LF	2" x 8" Oak Rafter Or Joist	3.82	1.32
06 11 16 00-0045	LF	2" x 10" Oak Rafter Or Joist	4.94	1.67
06 11 16 00-0046	LF	2" x 12" Oak Rafter Or Joist	6.07	1.92
06 11 16 00-0047		**Framing** *(06 11 16)*		
06 11 16 00-0048		**Partition Framing** *(06 11 16 00-0047)*		
06 11 16 00-0049	LF	2" x 4" Wood Stud Framing, For Partition Walls	1.85	0.95

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 11 16 00-0050	LF	2" x 6" Wood Stud Framing, For Partition Walls	2.22	1.01
06 11 16 00-0051	LF	2" x 8" Wood Stud Framing, For Partition Walls	2.60	1.08
06 11 16 00-0052	LF	2" x 4" Pressure Treated Wood Stud Framing, For Partition Walls	2.25	0.95
06 11 16 00-0053	LF	2" x 6" Pressure Treated Wood Stud Framing, For Partition Walls	2.89	1.01
06 11 16 00-0054	LF	2" x 8" Pressure Treated Wood Stud Framing, For Partition Walls	3.52	1.08

06 11 16 00-0055 Wall Framing Assemblies By The SF *(06 11 16 00-0047)*

Note: Includes single bottom and double top plates, center support bracing, vertical studs and appropriate fastening devices. Excludes blocking for wall mounted fixtures or cabinets. Per SF of wall area measures one side. Do not deduct for openings of less than 25 SF when calculating total wall square footage.

06 11 16 00-0056 Wall Framing By The SF, 12" On Center *(06 11 16 00-0055)*

06 11 16 00-0057	SF	2" x 4" At 12" On Center, Wood Wall Framing Assembly	2.37	1.16
		For Up To 200, Add	*0.81*	
		For >200 To 500, Add	*0.41*	
06 11 16 00-0058	SF	2" x 6" At 12" On Center, Wood Wall Framing Assembly	3.19	1.48
		For Up To 200, Add	*1.08*	
		For >200 To 500, Add	*0.54*	
06 11 16 00-0059	SF	2" x 8" At 12" On Center, Wood Wall Framing Assembly	4.26	1.98
		For Up To 200, Add	*1.44*	
		For >200 To 500, Add	*0.72*	

06 11 16 00-0060 Wall Framing By The SF, 16" On Center *(06 11 16 00-0055)*

06 11 16 00-0061	SF	2" x 4" At 16" On Center, Wood Wall Framing Assembly	1.94	0.93
		For Up To 200, Add	*0.66*	
		For >200 To 500, Add	*0.33*	
06 11 16 00-0062	SF	2" x 6" At 16" On Center, Wood Wall Framing Assembly	2.65	1.24
		For Up To 200, Add	*0.89*	
		For >200 To 500, Add	*0.45*	
06 11 16 00-0063	SF	2" x 8" At 16" On Center, Wood Wall Framing Assembly	3.54	1.65
		For Up To 200, Add	*1.19*	
		For >200 To 500, Add	*0.60*	

06 11 16 00-0064 Wall Framing By The SF, 24" On Center *(06 11 16 00-0055)*

06 11 16 00-0065	SF	2" x 4" At 24" On Center, Wood Wall Framing Assembly	1.53	0.73
		For Up To 200, Add	*0.52*	
		For >200 To 500, Add	*0.26*	
06 11 16 00-0066	SF	2" x 6" At 24" On Center, Wood Wall Framing Assembly	2.08	0.96
		For Up To 200, Add	*0.70*	
		For >200 To 500, Add	*0.35*	
06 11 16 00-0067	SF	2" x 8" At 24" On Center, Wood Wall Framing Assembly	2.78	1.29
		For Up To 200, Add	*0.94*	
		For >200 To 500, Add	*0.47*	

06 11 16 00-0068 Sills And Plates *(06 11 16)*

06 11 16 00-0069 Sills *(06 11 16 00-0068)*

Note: A horizontal member which rests on and is attached to the foundation.

06 11 16 00-0070	LF	2" x 4" Wood Sill	3.16	1.80
06 11 16 00-0071	LF	2" x 6" Wood Sill	3.77	2.04
06 11 16 00-0072	LF	2" x 8" Wood Sill	4.49	2.27
06 11 16 00-0073	LF	2" x 4" Pressure Treated Wood Sill	3.56	1.80
06 11 16 00-0074	LF	2" x 6" Pressure Treated Wood Sill	4.44	2.04
06 11 16 00-0075	LF	2" x 8" Pressure Treated Wood Sill	5.41	2.27

06 11 16 00-0076 Plates *(06 11 16 00-0068)*

Note: A horizontal member connecting and terminating studs, posts, joists, rafters, etc. such as the top and bottom plate on a stud framed partition wall.

06 11 16 00-0077	LF	2" x 4" Wood Plate	3.16	1.80
06 11 16 00-0078	LF	2" x 6" Wood Plate	3.77	2.04
06 11 16 00-0079	LF	2" x 8" Wood Plate	4.46	2.27
06 11 16 00-0080	LF	2" x 4" Pressure Treated Wood Plate	3.56	1.80
06 11 16 00-0081	LF	2" x 6" Pressure Treated Wood Plate	4.44	2.04
06 11 16 00-0082	LF	2" x 8" Pressure Treated Wood Plate	5.38	2.27

06 11 16 00-0083 Suspended Ceiling Framing *(06 11 16)*

06 11 16 00-0084	LF	1" x 2" Wood Suspended Ceiling Framing	2.60	1.55
06 11 16 00-0085	LF	1" x 3" Wood Suspended Ceiling Framing	2.84	1.67
06 11 16 00-0086	LF	1" x 4" Wood Suspended Ceiling Framing	2.98	1.80
06 11 16 00-0087	LF	2" x 2" Wood Suspended Ceiling Framing	3.07	1.80
06 11 16 00-0088	LF	2" x 4" Wood Suspended Ceiling Framing	3.63	2.04
06 11 16 00-0089	LF	1" x 2" Pressure Treated Wood Suspended Ceiling Framing	2.91	1.55
06 11 16 00-0090	LF	1" x 3" Pressure Treated Wood Suspended Ceiling Framing	2.85	1.67
06 11 16 00-0091	LF	1" x 4" Pressure Treated Wood Suspended Ceiling Framing	3.20	1.80
06 11 16 00-0092	LF	2" x 2" Pressure Treated Wood Suspended Ceiling Framing	3.42	1.80
06 11 16 00-0093	LF	2" x 4" Pressure Treated Wood Suspended Ceiling Framing	3.98	2.04

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 11 16 00-0094		**Posts And Girts** *(06 11 16)*		
06 11 16 00-0095		**Posts** *(06 11 16 00-0094)*		
		Note: A vertical, upright framing member.		
06 11 16 00-0096	LF	4" x 4" Wood Post	4.57	2.27
06 11 16 00-0097	LF	4" x 5" Wood Post	5.21	2.64
06 11 16 00-0098	LF	4" x 6" Wood Post	5.74	2.87
06 11 16 00-0099	LF	6" x 6" Wood Post	6.39	3.11
06 11 16 00-0100	LF	8" x 8" Wood Post	7.02	3.24
06 11 16 00-0101	LF	10" x 10" Wood Post	7.67	3.71
06 11 16 00-0102	LF	4" x 4" Pressure Treated Wood Post	6.66	2.27
06 11 16 00-0103	LF	3" x 6" Pressure Treated Wood Post	7.68	2.87
06 11 16 00-0104	LF	4" x 6" Pressure Treated Wood Post	9.44	2.87
06 11 16 00-0105	LF	6" x 6" Pressure Treated Wood Post	13.40	3.11
06 11 16 00-0106		**Girts** *(06 11 16 00-0094)*		
		Note: A horizontal member at intermediate level between columns, studs, or posts.		
06 11 16 00-0107	LF	2" x 4" Wood Girt	2.19	0.86
06 11 16 00-0108	LF	2" x 6" Wood Girt	2.67	0.94
06 11 16 00-0109	LF	2" x 8" Wood Girt	3.19	1.04
06 11 16 00-0110	LF	2" x 10" Wood Girt	3.84	1.15
06 11 16 00-0111	LF	4" x 4" Wood Girt	4.44	1.72
06 11 16 00-0112	LF	4" x 5" Wood Girt	5.08	1.94
06 11 16 00-0113	LF	4" x 6" Wood Girt	5.72	2.15
06 11 16 00-0114	LF	6" x 6" Wood Girt	6.37	2.37
06 11 16 00-0115	LF	8" x 8" Wood Girt	7.00	2.59
06 11 16 00-0116	LF	10" x 10" Wood Girt	7.65	2.81
06 11 16 00-0117	LF	2" x 4" Pressure Treated Wood Girt	2.59	0.86
06 11 16 00-0118	LF	2" x 6" Pressure Treated Wood Girt	3.34	0.94
06 11 16 00-0119	LF	2" x 8" Pressure Treated Wood Girt	4.11	1.04
06 11 16 00-0120	LF	2" x 10" Pressure Treated Wood Girt	4.82	1.15
06 11 16 00-0121	LF	4" x 4" Pressure Treated Wood Girt	6.66	1.72
06 11 16 00-0122	LF	3" x 6" Pressure Treated Wood Girt	7.68	2.15
06 11 16 00-0123	LF	4" x 6" Pressure Treated Wood Girt	9.44	2.15
06 11 16 00-0124	LF	6" x 6" Pressure Treated Wood Girt	13.40	2.37
06 11 16 00-0125		**Stair Stringers** *(06 11 16)*		
		See CSI section 06 43 13 00-0001 for treads and risers.		
06 11 16 00-0126	LF	2" x 10" Wood Stair Stringer	8.69	4.79
06 11 16 00-0127	LF	2" x 12" Wood Stair Stringer	10.27	5.63
06 11 16 00-0128	LF	2" x 10" Pressure Treated Wood Stair Stringer	9.70	4.79
06 11 16 00-0129	LF	2" x 12" Pressure Treated Wood Stair Stringer	11.66	5.63
06 11 16 00-0130		**Blocking And Sleepers** *(06 11 16)*		
06 11 16 00-0131		**Blocking** *(06 11 16 00-0130)*		
06 11 16 00-0132		**Blocking To Wood** *(06 11 16 00-0131)*		
06 11 16 00-0133	LF	2" x 4" Pressure Treated Wood Blocking To Wood	7.00	2.88
06 11 16 00-0134	LF	2" x 6" Pressure Treated Wood Blocking To Wood	8.42	3.16
06 11 16 00-0135	LF	2" x 8" Pressure Treated Wood Blocking To Wood	9.66	3.48
06 11 16 00-0136	LF	4" x 4" Pressure Treated Wood Blocking To Wood	11.27	3.82
06 11 16 00-0137	LF	4" x 6" Pressure Treated Wood Blocking To Wood	13.81	4.21
06 11 16 00-0138	LF	2" x 4" Wood Blocking To Wood	6.22	2.88
06 11 16 00-0139	LF	2" x 6" Wood Blocking To Wood	7.11	3.16
06 11 16 00-0140	LF	2" x 8" Wood Blocking To Wood	8.08	3.48
06 11 16 00-0141	LF	4" x 4" Wood Blocking To Wood	8.78	3.82
06 11 16 00-0142	LF	4" x 6" Wood Blocking To Wood	9.86	4.21
06 11 16 00-0143		**Blocking To Steel** *(06 11 16 00-0131)*		
06 11 16 00-0144	LF	2" x 4" Pressure Treated Wood Blocking To Steel	8.00	3.31
06 11 16 00-0145	LF	2" x 6" Pressure Treated Wood Blocking To Steel	9.58	3.64
06 11 16 00-0146	LF	2" x 8" Pressure Treated Wood Blocking To Steel	10.97	4.00
06 11 16 00-0147	LF	2" x 4" Wood Blocking To Steel	7.13	3.31
06 11 16 00-0148	LF	2" x 6" Wood Blocking To Steel	8.14	3.64
06 11 16 00-0149	LF	2" x 8" Wood Blocking To Steel	9.23	4.00
06 11 16 00-0150		**Blocking To Concrete** *(06 11 16 00-0131)*		
06 11 16 00-0151	LF	2" x 4" Pressure Treated Wood Blocking To Concrete	8.00	3.31
06 11 16 00-0152	LF	2" x 6" Pressure Treated Wood Blocking To Concrete	9.58	3.64
06 11 16 00-0153	LF	2" x 8" Pressure Treated Wood Blocking To Concrete	10.97	4.00
06 11 16 00-0154	LF	2" x 4" Wood Blocking To Concrete	7.13	3.31
06 11 16 00-0155	LF	2" x 6" Wood Blocking To Concrete	8.14	3.64
06 11 16 00-0156	LF	2" x 8" Wood Blocking To Concrete	9.23	4.00

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 11 16 00-0157		**Pressure Treated Lattice** *(06 11 16 00-0130)*		
06 11 16 00-0158	SF	3/4" Thick Pressure Treated Wood Lattice	6.84	2.52
06 11 16 00-0159		**Sleepers** *(06 11 16 00-0130)*		
06 11 16 00-0160		**Sleepers To Wood** *(06 11 16 00-0159)*		
06 11 16 00-0161	LF	1" x 2" Pressure Treated Wood Sleeper On Wood	1.36	0.42
06 11 16 00-0162	LF	1" x 3" Pressure Treated Wood Sleeper On Wood	1.28	0.48
06 11 16 00-0163	LF	1" x 4" Pressure Treated Wood Sleeper On Wood	1.53	0.54
06 11 16 00-0164	LF	2" x 4" Pressure Treated Wood Sleeper On Wood	2.57	0.66
06 11 16 00-0165	LF	2" x 6" Pressure Treated Wood Sleeper On Wood	3.53	0.72
06 11 16 00-0166		**Sleepers To Concrete** *(06 11 16 00-0159)*		
06 11 16 00-0167	LF	1" x 2" Pressure Treated Wood Sleeper On Concrete	1.41	0.42
06 11 16 00-0168	LF	1" x 3" Pressure Treated Wood Sleeper On Concrete	1.32	0.48
06 11 16 00-0169	LF	1" x 4" Pressure Treated Wood Sleeper On Concrete	1.57	0.54
06 11 16 00-0170	LF	2" x 4" Pressure Treated Wood Sleeper On Concrete	2.70	0.66
06 11 16 00-0171	LF	2" x 6" Pressure Treated Wood Sleeper On Concrete	3.74	0.72
06 11 16 00-0172		**Roofing Nailers** *(06 11 16)*		
06 11 16 00-0173	LF	2" x 4" Pressure Treated Lumber, For Roofing Nailers	3.62	0.95
06 11 16 00-0174	LF	2" x 6" Pressure Treated Lumber, For Roofing Nailers	4.32	1.01
06 11 16 00-0175	LF	2" x 8" Pressure Treated Lumber, For Roofing Nailers	5.02	1.08
06 11 16 00-0176		**Roofing Sleepers** *(06 11 16)*		
06 11 16 00-0177	LF	2" x 4" Pressure Treated Lumber, For Roofing Sleepers	1.76	
06 11 16 00-0178	LF	4" x 4" Pressure Treated Lumber, For Roofing Sleepers	4.95	
06 11 16 00-0179	LF	4" x 6" Pressure Treated Lumber, For Roofing Sleepers	7.28	
06 11 16 00-0180	LF	6" x 6" Pressure Treated Lumber, For Roofing Sleepers	11.04	
06 11 16 00-0181		**Canopy Framing, Bridging, And Furring** *(06 11 16)*		
06 11 16 00-0182		**Wood And Steel Bridging** *(06 11 16 00-0181)*		
06 11 16 00-0183		**Wood Bridging** *(06 11 16 00-0182)*		
06 11 16 00-0184	EA	1 Pair Wood Bridging, 1" x 3" Cross Type Note: For joists spaced at 16" on center.	9.62	4.20
06 11 16 00-0185	EA	1 Pair Wood Bridging, 2" x 3" Cross Type Note: For joists spaced at 16" on center.	9.88	4.20
06 11 16 00-0186		**Steel Bridging** *(06 11 16 00-0182)*		
06 11 16 00-0187	EA	1 Pair Steel Bridging, Wood Joists At 16" On Center	12.18	4.20
06 11 16 00-0188	EA	1 Pair Steel Bridging, Wood Joists At 24" On Center	12.14	4.20
06 11 16 00-0189		**Light Framing, Trim And Furring** *(06 11 16 00-0181)*		
06 11 16 00-0190		**Pine/Spruce/Fir Light Framing, Trim And Furring** *(06 11 16 00-0189)* Note: S4S board, select grade 1		
06 11 16 00-0191	LF	1" x 1" Pine/Spruce/Fir Light Framing, Trim And Furring	2.12	0.98
06 11 16 00-0192	LF	1" x 2" Pine/Spruce/Fir Light Framing, Trim And Furring	2.36	1.08
06 11 16 00-0193	LF	1" x 4" Pine/Spruce/Fir Light Framing, Trim And Furring	2.71	1.19
06 11 16 00-0194	LF	1" x 6" Pine/Spruce/Fir Light Framing, Trim And Furring	3.02	1.31
06 11 16 00-0195	LF	1" x 8" Pine/Spruce/Fir Light Framing, Trim And Furring	3.34	1.44
06 11 16 00-0196	LF	1" x 10" Pine/Spruce/Fir Light Framing, Trim And Furring	3.70	1.58
06 11 16 00-0197	LF	2" x 2" Pine/Spruce/Fir Light Framing, Trim And Furring	3.04	1.31
06 11 16 00-0198	LF	2" x 4" Pine/Spruce/Fir Light Framing, Trim And Furring	3.39	1.44
06 11 16 00-0199	LF	2" x 6" Pine/Spruce/Fir Light Framing, Trim And Furring	3.94	1.58
06 11 16 00-0200	LF	2" x 8" Pine/Spruce/Fir Light Framing, Trim And Furring	4.58	1.73
06 11 16 00-0201	LF	2" x 10" Pine/Spruce/Fir Light Framing, Trim And Furring	5.35	1.92
06 11 16 00-0202		**Cedar Light Framing, Trim And Furring** *(06 11 16 00-0189)* Note: S4S board, select grade 1		
06 11 16 00-0203	LF	1" x 1" Cedar Light Framing, Trim And Furring	2.14	0.98
06 11 16 00-0204	LF	1" x 2" Cedar Light Framing, Trim And Furring	2.49	1.08
06 11 16 00-0205	LF	1" x 4" Cedar Light Framing, Trim And Furring	3.21	1.19
06 11 16 00-0206	LF	1" x 6" Cedar Light Framing, Trim And Furring	3.87	1.31
06 11 16 00-0207	LF	1" x 8" Cedar Light Framing, Trim And Furring	5.59	1.44
06 11 16 00-0208	LF	1" x 10" Cedar Light Framing, Trim And Furring	6.56	1.58
06 11 16 00-0209	LF	2" x 2" Cedar Light Framing, Trim And Furring	3.36	1.31
06 11 16 00-0210	LF	2" x 4" Cedar Light Framing, Trim And Furring	3.87	1.44

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 11 16 00-0211		Oak Light Framing, Trim And Furring *(06 11 16 00-0189)*		
		Note: S4S board, select grade 1		
06 11 16 00-0212	LF	1" x 1" Oak Light Framing, Trim And Furring	2.15	0.98
06 11 16 00-0213	LF	1" x 2" Oak Light Framing, Trim And Furring	2.51	1.08
06 11 16 00-0214	LF	1" x 4" Oak Light Framing, Trim And Furring	3.09	1.19
06 11 16 00-0215	LF	1" x 6" Oak Light Framing, Trim And Furring	3.68	1.31
06 11 16 00-0216	LF	1" x 8" Oak Light Framing, Trim And Furring	4.30	1.44
06 11 16 00-0217	LF	1" x 10" Oak Light Framing, Trim And Furring	4.95	1.58
06 11 16 00-0218	LF	2" x 2" Oak Light Framing, Trim And Furring	3.33	1.31
06 11 16 00-0219	LF	2" x 4" Oak Light Framing, Trim And Furring	4.31	1.44
06 11 16 00-0220		Redwood Light Framing, Trim And Furring *(06 11 16 00-0189)*		
		Note: S4S board, select grade 1		
06 11 16 00-0221	LF	1" x 1" Redwood Light Framing, Trim And Furring	2.10	0.98
06 11 16 00-0222	LF	1" x 2" Redwood Light Framing, Trim And Furring	2.41	1.08
06 11 16 00-0223	LF	1" x 4" Redwood Light Framing, Trim And Furring	2.91	1.19
06 11 16 00-0224	LF	1" x 6" Redwood Light Framing, Trim And Furring	3.47	1.31
06 11 16 00-0225	LF	1" x 8" Redwood Light Framing, Trim And Furring	4.08	1.44
06 11 16 00-0226	LF	1" x 10" Redwood Light Framing, Trim And Furring	4.75	1.58
06 11 16 00-0227	LF	2" x 2" Redwood Light Framing, Trim And Furring	3.49	1.31
06 11 16 00-0228	LF	2" x 4" Redwood Light Framing, Trim And Furring	4.10	1.44
06 11 16 00-0229		Poplar Light Framing, Trim And Furring *(06 11 16 00-0189)*		
		Note: S4S board, select grade 1		
06 11 16 00-0230	LF	1" x 1" Poplar Light Framing, Trim And Furring	2.40	0.98
06 11 16 00-0231	LF	1" x 2" Poplar Light Framing, Trim And Furring	2.88	1.08
06 11 16 00-0232	LF	1" x 4" Poplar Light Framing, Trim And Furring	3.58	1.19
06 11 16 00-0233	LF	1" x 6" Poplar Light Framing, Trim And Furring	4.51	1.31
06 11 16 00-0234	LF	1" x 8" Poplar Light Framing, Trim And Furring	5.21	1.44
06 11 16 00-0235	LF	1" x 10" Poplar Light Framing, Trim And Furring	6.78	1.58
06 11 16 00-0236	LF	1" x 12" Poplar Light Framing, Trim And Furring	7.29	1.58
06 11 16 00-0237	LF	2" x 2" Poplar Light Framing, Trim And Furring	5.79	1.31
06 11 16 00-0238	LF	2" x 4" Poplar Light Framing, Trim And Furring	6.48	1.44
06 11 16 00-0239	LF	2" x 6" Poplar Light Framing, Trim And Furring	8.57	1.58
06 11 16 00-0240		Maple Light Framing, Trim And Furring *(06 11 16 00-0189)*		
		Note: S4S board, select grade 1		
06 11 16 00-0241	LF	1" x 4" Maple Light Framing, Trim And Furring	4.39	1.19
06 11 16 00-0242	LF	1" x 6" Maple Light Framing, Trim And Furring	5.75	1.31
06 11 16 00-0243	LF	1" x 8" Maple Light Framing, Trim And Furring	7.15	1.44

06 13 Heavy Timber Construction *(06 10)*

06 13 23 Heavy Timber Framing *(06 13)*

06 13 23 00-0001		Heavy Timber Framing *(06 13 23)*		
		Note: Excludes fasteners. See CSI section 06 05 23 00-0093 for bolts and fasteners.		
06 13 23 00-0002		Heavy Timber Beams *(06 13 23 00-0001)*		
06 13 23 00-0003		Pine, Heavy Timber Beams *(06 13 23 00-0002)*		
06 13 23 00-0004	LF	4" x 4", Pine, Heavy Timber Beam	6.26	2.12
06 13 23 00-0005	LF	4" x 6", Pine, Heavy Timber Beam	7.45	2.21
06 13 23 00-0006	LF	4" x 8", Pine, Heavy Timber Beam	8.63	2.30
06 13 23 00-0007	LF	4" x 10", Pine, Heavy Timber Beam	11.02	2.46
06 13 23 00-0008	LF	4" x 12", Pine, Heavy Timber Beam	12.97	2.61
06 13 23 00-0009	LF	6" x 6", Pine, Heavy Timber Beam	9.28	2.39
06 13 23 00-0010	LF	6" x 8", Pine, Heavy Timber Beam	10.99	2.52
06 13 23 00-0011	LF	6" x 10", Pine, Heavy Timber Beam	14.55	2.69
06 13 23 00-0012	LF	6" x 12", Pine, Heavy Timber Beam	17.15	2.75
06 13 23 00-0013	LF	8" x 8", Pine, Heavy Timber Beam	13.25	2.61
06 13 23 00-0014	LF	8" x 10", Pine, Heavy Timber Beam	17.61	2.69
06 13 23 00-0015	LF	8" x 12", Pine, Heavy Timber Beam	21.13	2.75
06 13 23 00-0016	LF	10" x 10", Pine, Heavy Timber Beam	20.89	2.75
06 13 23 00-0017	LF	10" x 12", Pine, Heavy Timber Beam	25.40	2.99
06 13 23 00-0018	LF	12" x 12", Pine, Heavy Timber Beam	29.87	3.29
06 13 23 00-0019		Douglas Fir, Heavy Timber Beams *(06 13 23 00-0002)*		
06 13 23 00-0020	LF	4" x 4", Douglas Fir, Heavy Timber Beam	6.47	2.12
06 13 23 00-0021	LF	4" x 6", Douglas Fir, Heavy Timber Beam	7.75	2.21
06 13 23 00-0022	LF	4" x 8", Douglas Fir, Heavy Timber Beam	9.04	2.30
06 13 23 00-0023	LF	4" x 10", Douglas Fir, Heavy Timber Beam	11.63	2.46
06 13 23 00-0024	LF	4" x 12", Douglas Fir, Heavy Timber Beam	13.74	2.61
06 13 23 00-0025	LF	6" x 6", Douglas Fir, Heavy Timber Beam	9.72	2.39
06 13 23 00-0026	LF	6" x 8", Douglas Fir, Heavy Timber Beam	11.58	2.52

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 13 23 00-0027	LF	6" x 10", Douglas Fir, Heavy Timber Beam	15.46	2.69
06 13 23 00-0028	LF	6" x 12", Douglas Fir, Heavy Timber Beam	18.32	2.75
06 13 23 00-0029	LF	8" x 8", Douglas Fir, Heavy Timber Beam	14.05	2.61
06 13 23 00-0030	LF	8" x 10", Douglas Fir, Heavy Timber Beam	18.83	2.69
06 13 23 00-0031	LF	8" x 12", Douglas Fir, Heavy Timber Beam	22.68	2.75
06 13 23 00-0032	LF	10" x 10", Douglas Fir, Heavy Timber Beam	22.41	2.75
06 13 23 00-0033	LF	10" x 12", Douglas Fir, Heavy Timber Beam	27.32	2.99
06 13 23 00-0034	LF	12" x 12", Douglas Fir, Heavy Timber Beam	32.19	3.29
06 13 23 00-0035		**Pressure Treated, Heavy Timber Beams** *(06 13 23 00-0002)*		
06 13 23 00-0036	LF	4" x 4", Pressure Treated, Heavy Timber Beam	7.47	2.12
06 13 23 00-0037	LF	4" x 6", Pressure Treated, Heavy Timber Beam	9.56	2.21
06 13 23 00-0038	LF	4" x 8", Pressure Treated, Heavy Timber Beam	11.38	2.30
06 13 23 00-0039	LF	4" x 10", Pressure Treated, Heavy Timber Beam	15.17	2.46
06 13 23 00-0040	LF	4" x 12", Pressure Treated, Heavy Timber Beam	18.23	2.61
06 13 23 00-0041	LF	6" x 6", Pressure Treated, Heavy Timber Beam	13.40	2.39
06 13 23 00-0042	LF	6" x 8", Pressure Treated, Heavy Timber Beam	16.53	2.52
06 13 23 00-0043	LF	6" x 10", Pressure Treated, Heavy Timber Beam	19.90	2.69
06 13 23 00-0044	LF	6" x 12", Pressure Treated, Heavy Timber Beam	24.56	2.75
06 13 23 00-0045	LF	8" x 8", Pressure Treated, Heavy Timber Beam	24.83	2.61
06 13 23 00-0046	LF	8" x 10", Pressure Treated, Heavy Timber Beam	28.95	2.69
06 13 23 00-0047	LF	8" x 12", Pressure Treated, Heavy Timber Beam	34.18	2.75
06 13 23 00-0048	LF	10" x 10", Pressure Treated, Heavy Timber Beam	34.34	2.75
06 13 23 00-0049	LF	10" x 12", Pressure Treated, Heavy Timber Beam	45.64	2.99
06 13 23 00-0050	LF	12" x 12", Pressure Treated, Heavy Timber Beam	54.17	3.29
06 13 23 00-0051		**Heavy Timber Columns** *(06 13 23 00-0001)*		
06 13 23 00-0052		**Pine, Heavy Timber Columns** *(06 13 23 00-0051)*		
06 13 23 00-0053	LF	4" x 4", Pine, Heavy Timber Column	4.24	1.12
06 13 23 00-0054	LF	4" x 6", Pine, Heavy Timber Column	5.38	1.18
06 13 23 00-0055	LF	4" x 8", Pine, Heavy Timber Column	6.44	1.22
06 13 23 00-0056	LF	4" x 10", Pine, Heavy Timber Column	8.70	1.29
06 13 23 00-0057	LF	4" x 12", Pine, Heavy Timber Column	10.51	1.37
06 13 23 00-0058	LF	6" x 6", Pine, Heavy Timber Column	7.03	1.25
06 13 23 00-0059	LF	6" x 8", Pine, Heavy Timber Column	8.65	1.31
06 13 23 00-0060	LF	6" x 10", Pine, Heavy Timber Column	11.99	1.42
06 13 23 00-0061	LF	6" x 12", Pine, Heavy Timber Column	14.54	1.45
06 13 23 00-0062	LF	8" x 8", Pine, Heavy Timber Column	10.79	1.37
06 13 23 00-0063	LF	8" x 10", Pine, Heavy Timber Column	15.05	1.42
06 13 23 00-0064	LF	8" x 12", Pine, Heavy Timber Column	18.47	1.48
06 13 23 00-0065	LF	10" x 10", Pine, Heavy Timber Column	18.22	1.48
06 13 23 00-0066	LF	10" x 12", Pine, Heavy Timber Column	22.56	1.57
06 13 23 00-0067	LF	12" x 12", Pine, Heavy Timber Column	26.76	1.73
06 13 23 00-0068		**Douglas Fir, Heavy Timber Columns** *(06 13 23 00-0051)*		
06 13 23 00-0069	LF	4" x 4", Douglas Fir, Heavy Timber Column	4.45	1.12
06 13 23 00-0070	LF	4" x 6", Douglas Fir, Heavy Timber Column	5.68	1.18
06 13 23 00-0071	LF	4" x 8", Douglas Fir, Heavy Timber Column	6.85	1.22
06 13 23 00-0072	LF	4" x 10", Douglas Fir, Heavy Timber Column	9.31	1.29
06 13 23 00-0073	LF	4" x 12", Douglas Fir, Heavy Timber Column	11.28	1.37
06 13 23 00-0074	LF	6" x 6", Douglas Fir, Heavy Timber Column	7.47	1.25
06 13 23 00-0075	LF	6" x 8", Douglas Fir, Heavy Timber Column	9.24	1.31
06 13 23 00-0076	LF	6" x 10", Douglas Fir, Heavy Timber Column	12.90	1.42
06 13 23 00-0077	LF	6" x 12", Douglas Fir, Heavy Timber Column	15.71	1.45
06 13 23 00-0078	LF	8" x 8", Douglas Fir, Heavy Timber Column	11.59	1.37
06 13 23 00-0079	LF	8" x 10", Douglas Fir, Heavy Timber Column	16.27	1.42
06 13 23 00-0080	LF	8" x 12", Douglas Fir, Heavy Timber Column	20.02	1.48
06 13 23 00-0081	LF	10" x 10", Douglas Fir, Heavy Timber Column	19.74	1.48
06 13 23 00-0082	LF	10" x 12", Douglas Fir, Heavy Timber Column	24.48	1.57
06 13 23 00-0083	LF	12" x 12", Douglas Fir, Heavy Timber Column	29.08	1.73
06 13 23 00-0084		**Pressure Treated, Heavy Timber Columns** *(06 13 23 00-0051)*		
06 13 23 00-0085	LF	4" x 4", Pressure Treated, Heavy Timber Column	5.45	1.12
06 13 23 00-0086	LF	4" x 6", Pressure Treated, Heavy Timber Column	7.49	1.18
06 13 23 00-0087	LF	4" x 8", Pressure Treated, Heavy Timber Column	9.19	1.22
06 13 23 00-0088	LF	4" x 10", Pressure Treated, Heavy Timber Column	12.85	1.29
06 13 23 00-0089	LF	4" x 12", Pressure Treated, Heavy Timber Column	15.77	1.37
06 13 23 00-0090	LF	6" x 6", Pressure Treated, Heavy Timber Column	11.15	1.25
06 13 23 00-0091	LF	6" x 8", Pressure Treated, Heavy Timber Column	14.19	1.31
06 13 23 00-0092	LF	6" x 10", Pressure Treated, Heavy Timber Column	17.34	1.42
06 13 23 00-0093	LF	6" x 12", Pressure Treated, Heavy Timber Column	21.95	1.45
06 13 23 00-0094	LF	8" x 8", Pressure Treated, Heavy Timber Column	22.37	1.37
06 13 23 00-0095	LF	8" x 10", Pressure Treated, Heavy Timber Column	26.39	1.42
06 13 23 00-0096	LF	8" x 12", Pressure Treated, Heavy Timber Column	31.52	1.48
06 13 23 00-0097	LF	10" x 10", Pressure Treated, Heavy Timber Column	31.67	1.48
06 13 23 00-0098	LF	10" x 12", Pressure Treated, Heavy Timber Column	42.80	1.57

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 13 23 00-0099	LF	12" x 12", Pressure Treated, Heavy Timber Column	51.06	1.73

06 15 Wood Decking *(06 10)*

06 15 13 Wood Floor Decking *(06 15)*

06 15 13 00-0001 Wood Deck Systems *(06 15 13)*
Note: Includes the deck, joists, girders, railing posts 8' on-center, pickets and railing. Excludes ground posts.

06 15 13 00-0002 Pressure Treated Wood Deck System *(06 15 13 00-0001)*

06 15 13 00-0003 2" x 8" Joists At 16" On Center, Pressure Treated Wood Deck System *(06 15 13 00-0002)*

06 15 13 00-0004	SF	5/4" x 4" Pressure Treated Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System	39.38	8.36
06 15 13 00-0005	SF	5/4" x 6" Pressure Treated Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System	38.05	7.94
06 15 13 00-0006	SF	2" x 4" Pressure Treated Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System	40.82	8.57
06 15 13 00-0007	SF	2" x 6" Pressure Treated Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System	39.49	8.15

06 15 13 00-0008 2" x 10" Joists At 16" On Center, Pressure Treated Wood Deck System *(06 15 13 00-0002)*

06 15 13 00-0009	SF	5/4" x 4" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System	40.67	8.57
06 15 13 00-0010	SF	5/4" x 6" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System	39.30	8.14
06 15 13 00-0011	SF	2" x 4" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System	42.12	8.78
06 15 13 00-0012	SF	2" x 6" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 16" On Center	40.78	8.34

06 15 13 00-0013 2" x 10" Joists At 24" On Center, Pressure Treated Wood Deck System *(06 15 13 00-0002)*

06 15 13 00-0014	SF	5/4" x 4" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System	39.38	8.36
06 15 13 00-0015	SF	5/4" x 6" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System	38.05	7.94
06 15 13 00-0016	SF	2" x 4" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System	40.82	8.57
06 15 13 00-0017	SF	2" x 6" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System	39.49	8.15

06 15 13 00-0018 Redwood With Pressure Treated Joists, Wood Deck System *(06 15 13 00-0001)*

06 15 13 00-0019 2" x 8" Joists At 16" On Center, Redwood With Pressure Treated Joists, Wood Deck System *(06 15 13 00-0018)*

06 15 13 00-0020	SF	5/4" x 4" Redwood Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System	41.79	8.36
06 15 13 00-0021	SF	5/4" x 6" Redwood Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System	40.57	7.70
06 15 13 00-0022	SF	2" x 4" Redwood Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System	43.84	8.57
06 15 13 00-0023	SF	2" x 6" Redwood Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System	42.33	8.15

06 15 13 00-0024 2" x 10" Joists At 16" On Center, Redwood With Pressure Treated Joists, Wood Deck System *(06 15 13 00-0018)*

06 15 13 00-0025	SF	5/4" x 4" Redwood Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System	44.46	8.57
06 15 13 00-0026	SF	5/4" x 6" Redwood Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System	43.20	8.14
06 15 13 00-0027	SF	2" x 4" Redwood Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System	46.65	8.78
06 15 13 00-0028	SF	2" x 6" Redwood Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System	45.15	8.34

06 15 13 00-0029 2" x 10" Joists At 24" On Center, Redwood With Pressure Treated Joists, Wood Deck System *(06 15 13 00-0018)*

06 15 13 00-0030	SF	5/4" x 4" Redwood Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System	42.76	8.36
06 15 13 00-0031	SF	5/4" x 6" Redwood Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System	41.54	7.94
06 15 13 00-0032	SF	2" x 4" Redwood Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System	44.86	8.57
06 15 13 00-0033	SF	2" x 6" Redwood Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System	44.13	8.15

06 15 13 00-0034 Cypress With Pressure Treated Joists, Wood Deck System *(06 15 13 00-0001)*

06 15 13 00-0035 2" x 8" Joists At 16" On Center, Cypress With Pressure Treated Joists, Wood Deck System *(06 15 13 00-0034)*

06 15 13 00-0036	SF	5/4" x 4" Cypress Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System	40.70	8.36
06 15 13 00-0037	SF	5/4" x 6" Cypress Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System	39.43	7.94
06 15 13 00-0038	SF	2" x 4" Cypress Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System	42.61	8.57
06 15 13 00-0039	SF	2" x 6" Cypress Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System	41.08	8.15

06 15 13 00-0040 2" x 10" Joists At 16" On Center, Cypress With Pressure Treated Joists, Wood Deck System *(06 15 13 00-0034)*

06 15 13 00-0041	SF	5/4" x 4" Cypress Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System	43.15	8.57
06 15 13 00-0042	SF	5/4" x 6" Cypress Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System	41.84	8.14
06 15 13 00-0043	SF	2" x 4" Cypress Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System	45.19	8.78
06 15 13 00-0044	SF	2" x 6" Cypress Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System	44.10	8.34

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 15 13 00-0045		2" x 10" Joists At 24" On Center, Cypress With Pressure Treated Joists, Wood Deck System *(06 15 13 00-0034)*		
06 15 13 00-0046	SF	5/4" x 4" Cypress Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System	42.29	8.36
06 15 13 00-0047	SF	5/4" x 6" Cypress Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System	40.29	7.94
06 15 13 00-0048	SF	2" x 4" Cypress Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System	43.52	8.57
06 15 13 00-0049	SF	2" x 6" Cypress Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System	42.42	8.15
06 15 13 00-0050		Cedar With Pressure Treated Joists Wood Deck System *(06 15 13 00-0001)*		
06 15 13 00-0051		2" x 8" Joists At 16" On Center, Cedar With Pressure Treated Joists, Wood Deck System *(06 15 13 00-0050)*		
06 15 13 00-0052	SF	5/4" x 4" Cedar Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System	40.25	8.36
06 15 13 00-0053	SF	5/4" x 6" Cedar Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System	38.96	7.94
06 15 13 00-0054	SF	2" x 4" Cedar Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System	41.76	8.57
06 15 13 00-0055	SF	2" x 6" Cedar Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System	40.47	8.15
06 15 13 00-0056		2" x 10" Joists At 16" On Center, Cedar With Pressure Treated Joists, Wood Deck System *(06 15 13 00-0050)*		
06 15 13 00-0057	SF	5/4" x 4" Cedar Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System	41.61	8.57
06 15 13 00-0058	SF	5/4" x 6" Cedar Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System	40.67	8.14
06 15 13 00-0059	SF	2" x 4" Cedar Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System	43.13	8.78
06 15 13 00-0060	SF	2" x 6" Cedar Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System	41.89	8.34
06 15 13 00-0061		2" x 10" Joists At 24" On Center, Cedar With Pressure Treated Joists, Wood Deck System *(06 15 13 00-0050)*		
06 15 13 00-0062	SF	5/4" x 4" Cedar Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System	40.79	8.36
06 15 13 00-0063	SF	5/4" x 6" Cedar Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System	39.50	7.94
06 15 13 00-0064	SF	2" x 4" Cedar Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System	42.32	8.57
06 15 13 00-0065	SF	2" x 6" Cedar Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System	41.04	8.15
06 15 13 00-0066		Wood Ramp Systems *(06 15 13)* Note: Includes the decking, joists, girders, railing posts at corners and along ramp, pickets and railing. Excludes ground posts.		
06 15 13 00-0067		Pressure Treated Wood Ramp System *(06 15 13 00-0066)*		
06 15 13 00-0068		2" x 6" Joists, Pressure Treated Wood Ramp System *(06 15 13 00-0067)*		
06 15 13 00-0069	SF	5/4" x 4" Pressure Treated Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System	46.05	8.15
06 15 13 00-0070	SF	5/4" x 6" Pressure Treated Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System	44.35	7.73
06 15 13 00-0071	SF	2" x 4" Pressure Treated Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System	47.62	8.36
06 15 13 00-0072	SF	2" x 6" Pressure Treated Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System	45.92	7.94
06 15 13 00-0073		2" x 8" Joists, Pressure Treated Wood Ramp System *(06 15 13 00-0067)*		
06 15 13 00-0074	SF	5/4" x 4" Pressure Treated Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System	47.48	8.36
06 15 13 00-0075	SF	5/4" x 6" Pressure Treated Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System	45.75	7.94
06 15 13 00-0076	SF	2" x 4" Pressure Treated Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System	49.12	8.57
06 15 13 00-0077	SF	2" x 6" Pressure Treated Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System	47.39	8.15
06 15 13 00-0078		2" x 10" Joists, Pressure Treated Wood Ramp System *(06 15 13 00-0067)*		
06 15 13 00-0079	SF	5/4" x 4" Pressure Treated Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System	48.96	8.56
06 15 13 00-0080	SF	5/4" x 6" Pressure Treated Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System	47.20	8.14
06 15 13 00-0081	SF	2" x 4" Pressure Treated Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System	50.64	8.78
06 15 13 00-0082	SF	2" x 6" Pressure Treated Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System	48.88	8.34
06 15 13 00-0083		Redwood With Pressure Treated Joists, Wood Ramp System *(06 15 13 00-0066)*		
06 15 13 00-0084		2" x 6" Joists, Redwood With Pressure Treated Joists, Wood Ramp System *(06 15 13 00-0083)*		
06 15 13 00-0085	SF	5/4" x 4" Redwood Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System	48.32	8.15
06 15 13 00-0086	SF	5/4" x 6" Redwood Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System	46.72	7.73
06 15 13 00-0087	SF	2" x 4" Redwood Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System	50.46	8.36
06 15 13 00-0088	SF	2" x 6" Redwood Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System	48.60	7.94
06 15 13 00-0089		2" x 8" Joists, Redwood With Pressure Treated Joists, Wood Ramp System *(06 15 13 00-0083)*		
06 15 13 00-0090	SF	5/4" x 4" Redwood Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System	49.89	8.36
06 15 13 00-0091	SF	5/4" x 6" Redwood Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System	48.27	7.94
06 15 13 00-0092	SF	2" x 4" Redwood Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System	52.14	8.57
06 15 13 00-0093	SF	2" x 6" Redwood Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System	50.23	8.15

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 15 13 00-0094		**2" x 10" Joists, Redwood With Pressure Treated Joists, Wood Ramp System** *(06 15 13 00-0083)*		
06 15 13 00-0095	SF	5/4" x 4" Redwood Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System	52.76	8.56
06 15 13 00-0096	SF	5/4" x 6" Redwood Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System	51.10	8.14
06 15 13 00-0097	SF	2" x 4" Redwood Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System	55.17	8.78
06 15 13 00-0098	SF	2" x 6" Redwood Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System	53.74	8.34
06 15 13 00-0099		**Cypress With Pressure Treated Joists, Wood Ramp System** *(06 15 13 00-0066)*		
06 15 13 00-0100		**2" x 6" Joists, Cypress With Pressure Treated Joists, Wood Ramp System** *(06 15 13 00-0099)*		
06 15 13 00-0101	SF	5/4" x 4" Cypress Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System	47.29	8.15
06 15 13 00-0102	SF	5/4" x 6" Cypress Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System	45.65	7.73
06 15 13 00-0103	SF	2" x 4" Cypress Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System	49.30	8.36
06 15 13 00-0104	SF	2" x 6" Cypress Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System	47.42	7.94
06 15 13 00-0105		**2" x 8" Joists, Cypress With Pressure Treated Joists, Wood Ramp System** *(06 15 13 00-0099)*		
06 15 13 00-0106	SF	5/4" x 4" Cypress Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System	48.80	8.36
06 15 13 00-0107	SF	5/4" x 6" Cypress Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System	47.13	7.94
06 15 13 00-0108	SF	2" x 4" Cypress Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System	50.91	8.57
06 15 13 00-0109	SF	2" x 6" Cypress Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System	48.98	8.15
06 15 13 00-0110		**2" x 10" Joists, Cypress With Pressure Treated Joists, Wood Ramp System** *(06 15 13 00-0099)*		
06 15 13 00-0111	SF	5/4" x 4" Cypress Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System	51.37	8.56
06 15 13 00-0112	SF	5/4" x 6" Cypress Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System	49.74	8.14
06 15 13 00-0113	SF	2" x 4" Cypress Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System	53.71	8.78
06 15 13 00-0114	SF	2" x 6" Cypress Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System	52.20	8.34
06 15 13 00-0115		**Cedar With Pressure Treated Joists, Wood Ramp System** *(06 15 13 00-0066)*		
06 15 13 00-0116		**2" x 6" Joists, Cedar With Pressure Treated Joists, Wood Ramp System** *(06 15 13 00-0115)*		
06 15 13 00-0117	SF	5/4" x 4" Cedar Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System	46.85	8.15
06 15 13 00-0118	SF	5/4" x 6" Cedar Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System	45.19	7.73
06 15 13 00-0119	SF	2" x 4" Cedar Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System	48.49	8.36
06 15 13 00-0120	SF	2" x 6" Cedar Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System	46.83	7.94
06 15 13 00-0121		**2" x 8" Joists, Cedar With Pressure Treated Joists, Wood Ramp System** *(06 15 13 00-0115)*		
06 15 13 00-0122	SF	5/4" x 4" Cedar Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System	48.33	8.36
06 15 13 00-0123	SF	5/4" x 6" Cedar Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System	46.64	7.94
06 15 13 00-0124	SF	2" x 4" Cedar Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System	50.04	8.57
06 15 13 00-0125	SF	2" x 6" Cedar Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System	48.35	8.15
06 15 13 00-0126		**2" x 10" Joists, Cedar With Pressure Treated Joists, Wood Ramp System** *(06 15 13 00-0115)*		
06 15 13 00-0127	SF	5/4" x 4" Cedar Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System	49.89	8.56
06 15 13 00-0128	SF	5/4" x 6" Cedar Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System	48.15	8.14
06 15 13 00-0129	SF	2" x 4" Cedar Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System	51.63	8.78
06 15 13 00-0130	SF	2" x 6" Cedar Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System	49.91	8.34
06 15 13 00-0131		**Wood Stair Systems** *(06 15 13)* Note: Includes the decking, joists, girders, railing posts at corners and along stairs, pickets and railing. Excludes ground posts.		
06 15 13 00-0132		**Pressure Treated Wood Stair System** *(06 15 13 00-0131)*		
06 15 13 00-0133		**2" x 10" Joists, Pressure Treated Wood Stair System** *(06 15 13 00-0132)*		
06 15 13 00-0134	RSR	3' Wide, 5/4" x 4" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	123.99	20.05
06 15 13 00-0135	RSR	3' Wide, 5/4" x 6" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	120.69	19.05
06 15 13 00-0136	RSR	3' Wide, 2" x 4" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	127.77	20.57
06 15 13 00-0137	RSR	3' Wide, 2" x 6" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	123.88	19.54
06 15 13 00-0138	RSR	3'-6" Wide, 5/4" x 4" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	130.20	21.06
06 15 13 00-0139	RSR	3'-6" Wide, 5/4" x 6" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	126.72	20.01
06 15 13 00-0140	RSR	3'-6" Wide, 2" x 4" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	134.15	21.59
06 15 13 00-0141	RSR	3'-6" Wide, 2" x 6" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	130.08	20.52
06 15 13 00-0142	RSR	4' Wide, 5/4" x 4" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	136.56	22.11
06 15 13 00-0143	RSR	4' Wide, 5/4" x 6" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	132.91	21.00
06 15 13 00-0144	RSR	4' Wide, 2" x 4" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	140.72	22.68
06 15 13 00-0145	RSR	4' Wide, 2" x 6" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	136.42	21.54
06 15 13 00-0146	RSR	5' Wide, 5/4" x 4" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	144.87	23.22
06 15 13 00-0147	RSR	5' Wide, 5/4" x 6" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	141.12	22.05
06 15 13 00-0148	RSR	5' Wide, 2" x 4" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	149.30	23.82
06 15 13 00-0149	RSR	5' Wide, 2" x 6" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	144.85	22.62

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 15 13 00-0150		**2" x 12" Joists, Pressure Treated Wood Stair System** *(06 15 13 00-0132)*		
06 15 13 00-0151	RSR	3' Wide, 5/4" x 4" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	126.68	20.55
06 15 13 00-0152	RSR	3' Wide, 5/4" x 6" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	122.83	19.53
06 15 13 00-0153	RSR	3' Wide, 2" x 4" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	130.67	21.08
06 15 13 00-0154	RSR	3' Wide, 2" x 6" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	126.75	20.03
06 15 13 00-0155	RSR	3'-6" Wide, 5/4" x 4" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	133.02	21.58
06 15 13 00-0156	RSR	3'-6" Wide, 5/4" x 6" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	128.99	20.51
06 15 13 00-0157	RSR	3'-6" Wide, 2" x 4" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	137.20	22.13
06 15 13 00-0158	RSR	3'-6" Wide, 2" x 6" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	133.09	21.02
06 15 13 00-0159	RSR	4' Wide, 5/4" x 4" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	139.54	22.66
06 15 13 00-0160	RSR	4' Wide, 5/4" x 6" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	135.29	21.53
06 15 13 00-0161	RSR	4' Wide, 2" x 4" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	143.92	23.25
06 15 13 00-0162	RSR	4' Wide, 2" x 6" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	139.60	22.09
06 15 13 00-0163	RSR	5' Wide, 5/4" x 4" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	148.00	23.81
06 15 13 00-0164	RSR	5' Wide, 5/4" x 6" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	143.61	22.61
06 15 13 00-0165	RSR	5' Wide, 2" x 4" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	152.67	24.41
06 15 13 00-0166	RSR	5' Wide, 2" x 6" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	148.19	23.18
06 15 13 00-0167		**Redwood With Pressure Treated Joists, Wood Stair System** *(06 15 13 00-0131)*		
06 15 13 00-0168		**2" x 10" Joists, Redwood With Pressure Treated Joists, Wood Stair System** *(06 15 13 00-0167)*		
06 15 13 00-0169	RSR	3' Wide, 5/4" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	137.38	20.05
06 15 13 00-0170	RSR	3' Wide, 5/4" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	133.96	19.05
06 15 13 00-0171	RSR	3' Wide, 2" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	142.00	20.57
06 15 13 00-0172	RSR	3' Wide, 2" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	138.53	19.54
06 15 13 00-0173	RSR	3'-6" Wide, 5/4" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	144.26	21.06
06 15 13 00-0174	RSR	3'-6" Wide, 5/4" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	140.66	20.01
06 15 13 00-0175	RSR	3'-6" Wide, 2" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	149.10	21.59
06 15 13 00-0176	RSR	3'-6" Wide, 2" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	145.46	20.52
06 15 13 00-0177	RSR	4' Wide, 5/4" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	151.26	22.11
06 15 13 00-0178	RSR	4' Wide, 5/4" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	147.48	21.00
06 15 13 00-0179	RSR	4' Wide, 2" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	156.33	22.68
06 15 13 00-0180	RSR	4' Wide, 2" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	152.50	21.54
06 15 13 00-0181	RSR	5' Wide, 5/4" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	161.04	23.22
06 15 13 00-0182	RSR	5' Wide, 5/4" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	157.14	22.05
06 15 13 00-0183	RSR	5' Wide, 2" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	166.47	23.82
06 15 13 00-0184	RSR	5' Wide, 2" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	162.54	22.62
06 15 13 00-0185		**2" x 12" Joists, Redwood With Pressure Treated Joists, Wood Stair System** *(06 15 13 00-0167)*		
06 15 13 00-0186	RSR	3' Wide, 5/4" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	136.13	20.55
06 15 13 00-0187	RSR	3' Wide, 5/4" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	132.61	19.53
06 15 13 00-0188	RSR	3' Wide, 2" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	140.50	21.08
06 15 13 00-0189	RSR	3' Wide, 2" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	137.05	20.03
06 15 13 00-0190	RSR	3'-6" Wide, 5/4" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	142.94	21.58
06 15 13 00-0191	RSR	3'-6" Wide, 5/4" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	139.26	20.51
06 15 13 00-0192	RSR	3'-6" Wide, 2" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	147.53	22.13
06 15 13 00-0193	RSR	3'-6" Wide, 2" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	143.90	21.02
06 15 13 00-0194	RSR	4' Wide, 5/4" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	149.91	22.66
06 15 13 00-0195	RSR	4' Wide, 5/4" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	146.02	21.53
06 15 13 00-0196	RSR	4' Wide, 2" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	154.71	23.25
06 15 13 00-0197	RSR	4' Wide, 2" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	150.89	22.09
06 15 13 00-0198	RSR	5' Wide, 5/4" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	159.40	23.81
06 15 13 00-0199	RSR	5' Wide, 5/4" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	155.42	22.61
06 15 13 00-0200	RSR	5' Wide, 2" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	164.54	24.41
06 15 13 00-0201	RSR	5' Wide, 2" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	160.61	23.18
06 15 13 00-0202		**Cypress With Pressure Treated Joists, Wood Stair System** *(06 15 13 00-0131)*		
06 15 13 00-0203		**2" x 10" Joists, Cypress With Pressure Treated Joists, Wood Stair System** *(06 15 13 00-0202)*		
06 15 13 00-0204	RSR	3' Wide, 5/4" x 4" Cypress Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	132.70	20.05
06 15 13 00-0205	RSR	3' Wide, 5/4" x 6" Cypress Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	129.13	19.05
06 15 13 00-0206	RSR	3' Wide, 2" x 4" Cypress Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	137.08	20.57
06 15 13 00-0207	RSR	3' Wide, 2" x 6" Cypress Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	133.43	19.54
06 15 13 00-0208	RSR	3'-6" Wide, 5/4" x 4" Cypress Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	139.34	21.06
06 15 13 00-0209	RSR	3'-6" Wide, 5/4" x 6" Cypress Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	135.59	20.01
06 15 13 00-0210	RSR	3'-6" Wide, 2" x 4" Cypress Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	143.93	21.59
06 15 13 00-0211	RSR	3'-6" Wide, 2" x 6" Cypress Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	140.10	20.52
06 15 13 00-0212	RSR	4' Wide, 5/4" x 4" Cypress Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	146.12	22.11
06 15 13 00-0213	RSR	4' Wide, 5/4" x 6" Cypress Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	142.18	21.00
06 15 13 00-0214	RSR	4' Wide, 2" x 4" Cypress Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	150.93	22.68
06 15 13 00-0215	RSR	4' Wide, 2" x 6" Cypress Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	146.90	21.54
06 15 13 00-0216	RSR	5' Wide, 5/4" x 4" Cypress Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	155.38	23.22
06 15 13 00-0217	RSR	5' Wide, 5/4" x 6" Cypress Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	151.31	22.05
06 15 13 00-0218	RSR	5' Wide, 2" x 4" Cypress Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	160.53	23.82
06 15 13 00-0219	RSR	5' Wide, 2" x 6" Cypress Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	156.38	22.62

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 15 13 00-0220		**2" x 12" Joists, Cypress With Pressure Treated Joists, Wood Stair System** *(06 15 13 00-0202)*		
06 15 13 00-0221	RSR	3' Wide, 5/4" x 4" Cypress Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	131.88	20.55
06 15 13 00-0222	RSR	3' Wide, 5/4" x 6" Cypress Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	128.22	19.53
06 15 13 00-0223	RSR	3' Wide, 2" x 4" Cypress Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	136.04	21.08
06 15 13 00-0224	RSR	3' Wide, 2" x 6" Cypress Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	132.40	20.03
06 15 13 00-0225	RSR	3'-6" Wide, 5/4" x 4" Cypress Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	138.48	21.58
06 15 13 00-0226	RSR	3'-6" Wide, 5/4" x 6" Cypress Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	134.65	20.51
06 15 13 00-0227	RSR	3'-6" Wide, 2" x 4" Cypress Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	142.84	22.13
06 15 13 00-0228	RSR	3'-6" Wide, 2" x 6" Cypress Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	139.01	21.02
06 15 13 00-0229	RSR	4' Wide, 5/4" x 4" Cypress Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	145.25	22.66
06 15 13 00-0230	RSR	4' Wide, 5/4" x 6" Cypress Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	141.21	21.53
06 15 13 00-0231	RSR	4' Wide, 2" x 4" Cypress Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	149.81	23.25
06 15 13 00-0232	RSR	4' Wide, 2" x 6" Cypress Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	145.79	22.09
06 15 13 00-0233	RSR	5' Wide, 5/4" x 4" Cypress Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	154.27	23.81
06 15 13 00-0234	RSR	5' Wide, 5/4" x 6" Cypress Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	150.12	22.61
06 15 13 00-0235	RSR	5' Wide, 2" x 4" Cypress Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	159.15	24.41
06 15 13 00-0236	RSR	5' Wide, 2" x 6" Cypress Decking With 2" x 12" Pressure Treated Joists	155.00	23.18
06 15 13 00-0237		**Cedar With Pressure Treated Joists, Wood Stair System** *(06 15 13 00-0131)*		
06 15 13 00-0238		**2" x 10" Joists, Cedar With Pressure Treated Joists, Wood Stair System** *(06 15 13 00-0237)*		
06 15 13 00-0239	RSR	3' Wide, 5/4" x 4" Cedar Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	127.33	20.05
06 15 13 00-0240	RSR	3' Wide, 5/4" x 6" Cedar Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	124.23	19.05
06 15 13 00-0241	RSR	3' Wide, 2" x 4" Cedar Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	131.28	20.57
06 15 13 00-0242	RSR	3' Wide, 2" x 6" Cedar Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	127.52	19.54
06 15 13 00-0243	RSR	3'-6" Wide, 5/4" x 4" Cedar Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	133.71	21.06
06 15 13 00-0244	RSR	3'-6" Wide, 5/4" x 6" Cedar Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	130.44	20.01
06 15 13 00-0245	RSR	3'-6" Wide, 2" x 4" Cedar Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	137.83	21.59
06 15 13 00-0246	RSR	3'-6" Wide, 2" x 6" Cedar Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	133.90	20.52
06 15 13 00-0247	RSR	4' Wide, 5/4" x 4" Cedar Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	140.23	22.11
06 15 13 00-0248	RSR	4' Wide, 5/4" x 6" Cedar Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	136.80	21.00
06 15 13 00-0249	RSR	4' Wide, 2" x 4" Cedar Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	144.56	22.68
06 15 13 00-0250	RSR	4' Wide, 2" x 6" Cedar Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	140.42	21.54
06 15 13 00-0251	RSR	5' Wide, 5/4" x 4" Cedar Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	148.90	23.22
06 15 13 00-0252	RSR	5' Wide, 5/4" x 6" Cedar Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	145.39	22.05
06 15 13 00-0253	RSR	5' Wide, 2" x 4" Cedar Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	153.53	23.82
06 15 13 00-0254	RSR	5' Wide, 2" x 6" Cedar Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	149.25	22.62
06 15 13 00-0255		**2" x 12" Joists, Cedar With Pressure Treated Joists, Wood Stair System** *(06 15 13 00-0237)*		
06 15 13 00-0256	RSR	3' Wide, 5/4" x 4" Cedar Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	130.06	20.55
06 15 13 00-0257	RSR	3' Wide, 5/4" x 6" Cedar Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	126.35	19.53
06 15 13 00-0258	RSR	3' Wide, 2" x 4" Cedar Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	134.22	21.08
06 15 13 00-0259	RSR	3' Wide, 2" x 6" Cedar Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	130.46	20.03
06 15 13 00-0260	RSR	3'-6" Wide, 5/4" x 4" Cedar Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	136.57	21.58
06 15 13 00-0261	RSR	3'-6" Wide, 5/4" x 6" Cedar Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	132.68	20.51
06 15 13 00-0262	RSR	3'-6" Wide, 2" x 4" Cedar Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	140.94	22.13
06 15 13 00-0263	RSR	3'-6" Wide, 2" x 6" Cedar Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	136.97	21.02
06 15 13 00-0264	RSR	4' Wide, 5/4" x 4" Cedar Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	143.25	22.66
06 15 13 00-0265	RSR	4' Wide, 5/4" x 6" Cedar Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	139.15	21.53
06 15 13 00-0266	RSR	4' Wide, 2" x 4" Cedar Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	147.82	23.25
06 15 13 00-0267	RSR	4' Wide, 2" x 6" Cedar Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	143.66	22.09
06 15 13 00-0268	RSR	5' Wide, 5/4" x 4" Cedar Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	152.07	23.81
06 15 13 00-0269	RSR	5' Wide, 5/4" x 6" Cedar Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	147.86	22.61
06 15 13 00-0270	RSR	5' Wide, 2" x 4" Cedar Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	156.96	24.41
06 15 13 00-0271	RSR	5' Wide, 2" x 6" Cedar Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	152.66	23.18
06 15 13 00-0272		**Wood Deck And Ramp Systems Repairs** *(06 15 13)* Note: Includes removal of material and screws. Excludes anchors and bolts.		
06 15 13 00-0273		**Deck Joist Or Girt** *(06 15 13 00-0272)* See CSI section 06 11 16 00-0012 for treated wood joist replacement, 06 51 13 00-0012 for plastic/composite lumber joist replacement.		
06 15 13 00-0274		**Deck Boards** *(06 15 13 00-0272)* See CSI section 06 51 13 00-0035 for plastic/composite lumber decking replacement.		
06 15 13 00-0275	LF	5/4" x 4" Round Edge Pressure Treated Deck Boards	2.39	0.92
06 15 13 00-0276	LF	5/4" x 6" Round Edge Pressure Treated Deck Boards	2.62	1.09
06 15 13 00-0277	LF	2" x 4" Round Edge Pressure Treated Deck Boards	2.49	1.09
06 15 13 00-0278	LF	2" x 6" Round Edge Pressure Treated Deck Boards	3.32	1.26
06 15 13 00-0279	LF	2" x 8" Round Edge Pressure Treated Deck Boards	4.26	1.51
06 15 13 00-0280	LF	2" x 10" Round Edge Pressure Treated Deck Boards	5.23	1.85
06 15 13 00-0281	LF	2" x 12" Round Edge Pressure Treated Deck Boards	6.47	2.18
06 15 13 00-0282	LF	2" x 4" Round Edge Cedar Deck Boards	2.62	1.09
06 15 13 00-0283	LF	2" x 6" Round Edge Cedar Deck Boards	3.37	1.26
06 15 13 00-0284	LF	2" x 4" Round Edge Redwood Deck Boards	2.85	1.09
06 15 13 00-0285	LF	2" x 6" Round Edge Redwood Deck Boards	3.72	1.26

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 15 13 00-0286		**Deck Posts** *(06 15 13 00-0272)*		
		See CSI section 06 11 16 00-0094 for treated wood post replacement, 06 51 13 00-0024 for plastic/composite lumber column replacement.		
06 15 13 00-0287		**Deck Railing And Pickets** *(06 15 13 00-0272)*		
		See CSI section 06 51 13 00-0035 for plastic/composite lumber railing replacement.		
06 15 13 00-0288	LF	2" x 4" Pressure Treated Deck Railing	2.49	1.09
06 15 13 00-0289	LF	2" x 2" Pressure Treated Deck Railing Picket	1.66	0.84
06 15 13 00-0290	LF	2" x 4" Cedar Deck Railing	2.62	1.09
06 15 13 00-0291	LF	2" x 2" Cedar Deck Railing Picket	1.98	0.84
06 15 13 00-0292	LF	2" x 4" Redwood Deck Railing	2.85	1.09
06 15 13 00-0293	LF	2" x 2" Redwood Deck Railing Picket	2.16	0.84

06 16 Sheathing *(06 10)*

06 16 23 Subflooring *(06 16)*

06 16 23 00-0001		**Board Type Subflooring** *(06 16 23)*		
06 16 23 00-0002	SF	1" x 8" Regular Surface Board Type Subfloor	3.47	0.95
		Note: 4 Sides Laid In A Regular Pattern.		
		For Water Resistant Coating Or Treatment, Add	*0.08*	
		For Foil Backing, Add	*0.13*	
		For Tongue And Groove, Add	*0.09*	
06 16 23 00-0003	SF	1" x 8" Diagonal Surface Board Type Subfloor	3.87	1.20
		Note: 4 Sides Laid In A Diagonal Pattern.		
		For Water Resistant Coating Or Treatment, Add	*0.08*	
		For Foil Backing, Add	*0.13*	
		For Tongue And Groove, Add	*0.09*	
06 16 23 00-0004	SF	1" x 10" Regular Surface Board Type Subfloor	3.33	0.84
		Note: 4 sides laid in a regular pattern.		
		For Water Resistant Coating Or Treatment, Add	*0.08*	
		For Foil Backing, Add	*0.14*	
		For Tongue And Groove, Add	*0.10*	
06 16 23 00-0005	SF	1" x 10" Diagonal Surface Board Type Subfloor	3.61	0.95
		Note: 4 sides laid in a diagonal pattern.		
		For Water Resistant Coating Or Treatment, Add	*0.08*	
		For Foil Backing, Add	*0.14*	
		For Tongue And Groove, Add	*0.10*	

06 16 33 Wood Board Sheathing *(06 16)*

06 16 33 00-0001		**Plywood** *(06 16 33)*		
06 16 33 00-0002		**Roof Decking** *(06 16 33 00-0001)*		
06 16 33 00-0003	SF	3/8" Thick CDX Plywood Roof Decking	2.06	0.60
		Note: Applied to wood rafters.		
		For Shear Wall Construction, Add	*0.28*	
		For Exterior CC Grade Plywood, Add	*0.10*	
		For Application To Metal Studs, Joists, Or Rafters, Add	*0.28*	
		For ACQ Preservative Treatment, Add	*0.31*	
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*2.12*	
		For Fire Retardant Treatment, Add	*0.51*	
		For >1,696 To 3,200, Deduct	*-0.04*	
		For >3,200 To 6,400, Deduct	*-0.06*	
		For >6,400 To 12,800, Deduct	*-0.11*	
		For >12,800, Deduct	*-0.15*	
06 16 33 00-0004	SF	1/2" Thick CDX Plywood Roof Decking	2.33	0.72
		Note: Applied to wood rafters.		
		For Shear Wall Construction, Add	*0.31*	
		For Exterior CC Grade Plywood, Add	*0.12*	
		For Application To Metal Studs, Joists, Or Rafters, Add	*0.31*	
		For ACQ Preservative Treatment, Add	*0.38*	
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*2.31*	
		For Fire Retardant Treatment, Add	*0.62*	
		For >1,696 To 3,200, Deduct	*-0.05*	
		For >3,200 To 6,400, Deduct	*-0.07*	
		For >6,400 To 12,800, Deduct	*-0.13*	
		For >12,800, Deduct	*-0.17*	
06 16 33 00-0005	SF	5/8" Thick CDX Plywood Roof Decking	2.62	0.72
		Note: Applied to wood rafters.		
		For Shear Wall Construction, Add	*0.33*	
		For Exterior CC Grade Plywood, Add	*0.15*	
		For Application To Metal Studs, Joists, Or Rafters, Add	*0.33*	
		For ACQ Preservative Treatment, Add	*0.47*	
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*2.48*	
		For Fire Retardant Treatment, Add	*0.77*	
		For >1,696 To 3,200, Deduct	*-0.06*	
		For >3,200 To 6,400, Deduct	*-0.09*	
		For >6,400 To 12,800, Deduct	*-0.15*	
		For >12,800, Deduct	*-0.20*	
		For Tongue And Groove, Add	*0.07*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 16 33 00-0006	SF	3/4" Thick CDX Plywood Roof Decking Note: Applied to wood rafters.	2.92	0.84
		For Shear Wall Construction, Add	*0.36*	
		For Exterior CC Grade Plywood, Add	*0.17*	
		For Application To Metal Studs, Joists, Or Rafters, Add	*0.36*	
		For ACQ Preservative Treatment, Add	*0.54*	
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*2.69*	
		For Fire Retardant Treatment, Add	*0.89*	
		For >1,696 To 3,200, Deduct	*-0.07*	
		For >3,200 To 6,400, Deduct	*-0.10*	
		For >6,400 To 12,800, Deduct	*-0.17*	
		For >12,800, Deduct	*-0.23*	
		For Tongue And Groove, Add	*0.08*	
06 16 33 00-0007		Wall Sheathing *(06 16 33 00-0001)*		
06 16 33 00-0008	SF	1/4" Interior BC Plywood Wall Sheathing Note: Applied to wall studs.	2.43	0.84
		For Shear Wall Construction, Add	*0.36*	
		For Exterior CC Grade Plywood, Add	*0.10*	
		For Application To Metal Studs, Joists, Or Rafters, Add	*0.36*	
		For Ceiling Installation, Add	*0.18*	
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*2.69*	
		For Fire Retardant Treatment, Add	*0.51*	
		For >1,696 To 3,200, Deduct	*-0.04*	
		For >3,200 To 6,400, Deduct	*-0.06*	
		For >6,400 To 12,800, Deduct	*-0.12*	
		For >12,800, Deduct	*-0.17*	
06 16 33 00-0009	SF	5/16" Interior BC Plywood Wall Sheathing Note: Applied to wall studs.	2.46	0.84
		For Shear Wall Construction, Add	*0.36*	
		For Exterior CC Grade Plywood, Add	*0.10*	
		For Application To Metal Studs, Joists, Or Rafters, Add	*0.36*	
		For Ceiling Installation, Add	*0.18*	
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*2.69*	
		For Fire Retardant Treatment, Add	*0.53*	
		For >1,696 To 3,200, Deduct	*-0.04*	
		For >3,200 To 6,400, Deduct	*-0.06*	
		For >6,400 To 12,800, Deduct	*-0.12*	
		For >12,800, Deduct	*-0.17*	
06 16 33 00-0010	SF	3/8" Interior BC Plywood Wall Sheathing Note: Applied to wall studs.	2.52	0.95
		For Shear Wall Construction, Add	*0.36*	
		For Exterior CC Grade Plywood, Add	*0.11*	
		For Application To Metal Studs, Joists, Or Rafters, Add	*0.36*	
		For Ceiling Installation, Add	*0.18*	
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*2.69*	
		For Fire Retardant Treatment, Add	*0.58*	
		For >1,696 To 3,200, Deduct	*-0.04*	
		For >3,200 To 6,400, Deduct	*-0.07*	
		For >6,400 To 12,800, Deduct	*-0.13*	
		For >12,800, Deduct	*-0.18*	
06 16 33 00-0011	SF	1/2" Interior BC Plywood Wall Sheathing Note: Applied to wall studs.	2.83	0.95
		For Shear Wall Construction, Add	*0.38*	
		For Exterior CC Grade Plywood, Add	*0.14*	
		For Application To Metal Studs, Joists, Or Rafters, Add	*0.38*	
		For Ceiling Installation, Add	*0.19*	
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*2.87*	
		For Fire Retardant Treatment, Add	*0.73*	
		For >1,696 To 3,200, Deduct	*-0.06*	
		For >3,200 To 6,400, Deduct	*-0.08*	
		For >6,400 To 12,800, Deduct	*-0.15*	
		For >12,800, Deduct	*-0.21*	
06 16 33 00-0012	SF	5/8" Interior BC Plywood Wall Sheathing Note: Applied to wall studs.	3.16	1.08
		For Shear Wall Construction, Add	*0.41*	
		For Exterior CC Grade Plywood, Add	*0.17*	
		For Application To Metal Studs, Joists, Or Rafters, Add	*0.41*	
		For Ceiling Installation, Add	*0.21*	
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*3.08*	
		For Fire Retardant Treatment, Add	*0.88*	
		For >1,696 To 3,200, Deduct	*-0.07*	
		For >3,200 To 6,400, Deduct	*-0.10*	
		For >6,400 To 12,800, Deduct	*-0.17*	
		For >12,800, Deduct	*-0.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 16 33 00-0013	SF	3/4" Interior BC Plywood Wall Sheathing Note: Applied to wall studs.	3.48	1.20
		For Shear Wall Construction, Add	*0.44*	
		For Exterior CC Grade Plywood, Add	*0.19*	
		For Application To Metal Studs, Joists, Or Rafters, Add	*0.44*	
		For Ceiling Installation, Add	*0.22*	
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*3.32*	
		For Fire Retardant Treatment, Add	*1.00*	
		For >1,696 To 3,200, Deduct	*-0.08*	
		For >3,200 To 6,400, Deduct	*-0.11*	
		For >6,400 To 12,800, Deduct	*-0.19*	
		For >12,800, Deduct	*-0.26*	
06 16 33 00-0014		**Floor Decking** *(06 16 33 00-0001)* Note: Includes patching of seams and all fastener holes where necessary.		
06 16 33 00-0015	SF	5/16" CD Grade Plywood Floor Decking Note: Applied to floor or joists.	1.83	0.72
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*2.03*	
		For Fire Retardant Treatment, Add	*0.38*	
		For >1,696 To 3,200, Deduct	*-0.03*	
		For >3,200 To 6,400, Deduct	*-0.04*	
		For >6,400 To 12,800, Deduct	*-0.09*	
		For >12,800, Deduct	*-0.13*	
		For ACQ Preservative Treatment, Add	*0.23*	
		For Fir Plywood, Add	*0.09*	
		For BC Grade Plywood, Add	*0.07*	
		For Exterior Glue, Add	*0.04*	
		For Marine Grade, Add	*0.38*	
06 16 33 00-0016	SF	3/8" CD Grade Plywood Floor Decking Note: Applied to floor or joists.	1.95	0.72
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*2.13*	
		For Fire Retardant Treatment, Add	*0.42*	
		For >1,696 To 3,200, Deduct	*-0.03*	
		For >3,200 To 6,400, Deduct	*-0.05*	
		For >6,400 To 12,800, Deduct	*-0.09*	
		For >12,800, Deduct	*-0.13*	
		For ACQ Preservative Treatment, Add	*0.25*	
		For Fir Plywood, Add	*0.10*	
		For BC Grade Plywood, Add	*0.08*	
		For Exterior Glue, Add	*0.05*	
		For Marine Grade, Add	*0.41*	
06 16 33 00-0017	SF	1/2" CD Grade Plywood Floor Decking Note: Applied to floor or joists.	2.19	0.72
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*2.24*	
		For Fire Retardant Treatment, Add	*0.55*	
		For >1,696 To 3,200, Deduct	*-0.04*	
		For >3,200 To 6,400, Deduct	*-0.06*	
		For >6,400 To 12,800, Deduct	*-0.11*	
		For >12,800, Deduct	*-0.16*	
		For ACQ Preservative Treatment, Add	*0.34*	
		For Fir Plywood, Add	*0.13*	
		For BC Grade Plywood, Add	*0.10*	
		For Exterior Glue, Add	*0.07*	
		For Marine Grade, Add	*0.55*	
06 16 33 00-0018	SF	5/8" CD Grade Plywood Floor Decking Note: Applied to floor or joists.	2.47	0.72
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*2.45*	
		For Fire Retardant Treatment, Add	*0.66*	
		For >1,696 To 3,200, Deduct	*-0.05*	
		For >3,200 To 6,400, Deduct	*-0.08*	
		For >6,400 To 12,800, Deduct	*-0.13*	
		For >12,800, Deduct	*-0.18*	
		For ACQ Preservative Treatment, Add	*0.40*	
		For Fir Plywood, Add	*0.16*	
		For BC Grade Plywood, Add	*0.12*	
		For Exterior Glue, Add	*0.08*	
		For Marine Grade, Add	*0.66*	
06 16 33 00-0019	SF	3/4" CD Grade Plywood Floor Decking Note: Applied to floor or joists.	2.80	0.72
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*2.58*	
		For Fire Retardant Treatment, Add	*0.85*	
		For >1,696 To 3,200, Deduct	*-0.06*	
		For >3,200 To 6,400, Deduct	*-0.10*	
		For >6,400 To 12,800, Deduct	*-0.16*	
		For >12,800, Deduct	*-0.22*	
		For ACQ Preservative Treatment, Add	*0.52*	
		For Fir Plywood, Add	*0.20*	
		For BC Grade Plywood, Add	*0.16*	
		For Exterior Glue, Add	*0.10*	
		For Marine Grade, Add	*0.85*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 16 33 00-0020	SF	1-1/8" CD Grade Plywood Floor Decking	4.11	1.08
		Note: Applied to floor or joists.		
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*3.09*	
		For Fire Retardant Treatment, Add	*1.62*	
		For >1,696 To 3,200, Deduct	*-0.12*	
		For >3,200 To 6,400, Deduct	*-0.18*	
		For >6,400 To 12,800, Deduct	*-0.28*	
		For >12,800, Deduct	*-0.35*	
		For ACQ Preservative Treatment, Add	*0.98*	
		For Fir Plywood, Add	*0.38*	
		For BC Grade Plywood, Add	*0.30*	
		For Exterior Glue, Add	*0.19*	
		For Marine Grade, Add	*1.61*	
06 16 33 00-0021	SF	1/2" AC Fir Plywood Floor Decking	2.61	0.72
		Note: Applied to floor or joists.		
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*2.24*	
		For Fire Retardant Treatment, Add	*0.88*	
		For >1,696 To 3,200, Deduct	*-0.07*	
		For >3,200 To 6,400, Deduct	*-0.10*	
		For >6,400 To 12,800, Deduct	*-0.16*	
		For >12,800, Deduct	*-0.21*	
		For ACQ Preservative Treatment, Add	*0.54*	
		For Exterior Glue, Add	*0.10*	
		For Marine Grade, Add	*0.88*	
		For Tongue And Groove, Add	*0.08*	
06 16 33 00-0022	SF	5/8" AC Fir Plywood Floor Decking	2.94	0.72
		Note: Applied to floor or joists.		
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*2.45*	
		For Fire Retardant Treatment, Add	*1.03*	
		For >1,696 To 3,200, Deduct	*-0.08*	
		For >3,200 To 6,400, Deduct	*-0.12*	
		For >6,400 To 12,800, Deduct	*-0.18*	
		For >12,800, Deduct	*-0.24*	
		For ACQ Preservative Treatment, Add	*0.63*	
		For Exterior Glue, Add	*0.12*	
		For Marine Grade, Add	*1.03*	
		For Tongue And Groove, Add	*0.09*	
06 16 33 00-0023	SF	3/4" AC Fir Plywood Floor Decking	3.14	0.72
		Note: Applied to floor or joists.		
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	*2.58*	
		For Fire Retardant Treatment, Add	*1.12*	
		For >1,696 To 3,200, Deduct	*-0.09*	
		For >3,200 To 6,400, Deduct	*-0.13*	
		For >6,400 To 12,800, Deduct	*-0.20*	
		For >12,800, Deduct	*-0.26*	
		For ACQ Preservative Treatment, Add	*0.68*	
		For Exterior Glue, Add	*0.13*	
		For Marine Grade, Add	*1.11*	
		For Tongue And Groove, Add	*0.10*	
06 16 33 00-0024		Underlayment Grade *(06 16 33 00-0001)*		
		Note: Includes patching of seams and all fastener holes where necessary.		
06 16 33 00-0025	SF	1/4" Thick Plywood Underlayment BC Grade	1.95	0.72
		For Fire Retardant Treatment, Add	*0.45*	
		For >1,696 To 3,200, Deduct	*-0.03*	
		For >3,200 To 6,400, Deduct	*-0.05*	
		For >6,400 To 12,800, Deduct	*-0.09*	
		For >12,800, Deduct	*-0.14*	
06 16 33 00-0026	SF	3/8" Thick Plywood Underlayment BC Grade	2.09	0.72
		For Fire Retardant Treatment, Add	*0.50*	
		For >1,696 To 3,200, Deduct	*-0.04*	
		For >3,200 To 6,400, Deduct	*-0.06*	
		For >6,400 To 12,800, Deduct	*-0.09*	
		For >12,800, Deduct	*-0.15*	
06 16 33 00-0027	SF	1/2" Thick Plywood Underlayment BC Grade	2.16	0.84
		For Fire Retardant Treatment, Add	*0.54*	
		For >1,696 To 3,200, Deduct	*-0.04*	
		For >3,200 To 6,400, Deduct	*-0.06*	
		For >6,400 To 12,800, Deduct	*-0.10*	
		For >12,800, Deduct	*-0.16*	
06 16 33 00-0028	SF	5/8" Thick Plywood Underlayment BC Grade	2.46	0.84
		For Fire Retardant Treatment, Add	*0.64*	
		For >1,696 To 3,200, Deduct	*-0.05*	
		For >3,200 To 6,400, Deduct	*-0.07*	
		For >6,400 To 12,800, Deduct	*-0.11*	
		For >12,800, Deduct	*-0.18*	
		For Tongue And Groove, Add	*0.06*	
06 16 33 00-0029	SF	3/4" Thick Plywood Underlayment BC Grade	2.63	0.84
		For Fire Retardant Treatment, Add	*0.77*	
		For >1,696 To 3,200, Deduct	*-0.06*	
		For >3,200 To 6,400, Deduct	*-0.09*	
		For >6,400 To 12,800, Deduct	*-0.13*	
		For >12,800, Deduct	*-0.20*	
		For Tongue And Groove, Add	*0.07*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 16 33 00-0030	SF	1-1/8" Thick Plywood Underlayment BC Grade	3.35	0.95
		For Fire Retardant Treatment, Add	*1.18*	
		For >1,696 To 3,200, Deduct	*-0.09*	
		For >3,200 To 6,400, Deduct	*-0.13*	
		For >6,400 To 12,800, Deduct	*-0.18*	
		For >12,800, Deduct	*-0.27*	
		For Tongue And Groove, Add	*0.10*	
06 16 33 00-0031	SF	3/8" Thick CDX Plywood Underlayment Grade	2.22	0.72
		For Fire Retardant Treatment, Add	*0.60*	
		For >1,696 To 3,200, Deduct	*-0.05*	
		For >3,200 To 6,400, Deduct	*-0.07*	
		For >6,400 To 12,800, Deduct	*-0.10*	
		For >12,800, Deduct	*-0.16*	
06 16 33 00-0032	SF	5/8" Thick CDX Plywood Underlayment Grade	2.79	0.84
		For Fire Retardant Treatment, Add	*0.92*	
		For >1,696 To 3,200, Deduct	*-0.07*	
		For >3,200 To 6,400, Deduct	*-0.10*	
		For >6,400 To 12,800, Deduct	*-0.15*	
		For >12,800, Deduct	*-0.22*	

06 16 33 00-0033 Oriented Strand Board *(06 16 33)*

06 16 33 00-0034 On Roof *(06 16 33 00-0033)*

06 16 33 00-0035	SF	3/8" Thick Structural Oriented Strand Board (OSB) On Roof	1.81	0.72
		For >1,408 To 3,200, Deduct	*-0.02*	
		For >3,200 To 6,400, Deduct	*-0.04*	
		For >6,400 To 12,800, Deduct	*-0.08*	
		For >12,800, Deduct	*-0.12*	
		For Fire Retardant Treatment, Add	*0.32*	
		For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	*2.12*	
06 16 33 00-0036	SF	1/2" Thick Structural Oriented Strand Board (OSB) On Roof	2.01	0.72
		For >1,408 To 3,200, Deduct	*-0.03*	
		For >3,200 To 6,400, Deduct	*-0.04*	
		For >6,400 To 12,800, Deduct	*-0.09*	
		For >12,800, Deduct	*-0.13*	
		For Fire Retardant Treatment, Add	*0.37*	
		For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	*2.31*	
06 16 33 00-0037	SF	5/8" Thick Structural Oriented Strand Board (OSB) On Roof	2.32	0.84
		For >1,408 To 3,200, Deduct	*-0.04*	
		For >3,200 To 6,400, Deduct	*-0.06*	
		For >6,400 To 12,800, Deduct	*-0.11*	
		For >12,800, Deduct	*-0.16*	
		For Fire Retardant Treatment, Add	*0.53*	
		For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	*2.48*	
06 16 33 00-0038	SF	3/4" Thick Structural Oriented Strand Board (OSB) On Roof	2.69	0.84
		For >1,408 To 3,200, Deduct	*-0.05*	
		For >3,200 To 6,400, Deduct	*-0.08*	
		For >6,400 To 12,800, Deduct	*-0.14*	
		For >12,800, Deduct	*-0.20*	
		For Fire Retardant Treatment, Add	*0.71*	
		For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	*2.69*	

06 16 33 00-0039 On Walls *(06 16 33 00-0033)*

06 16 33 00-0040	SF	3/8" Thick Structural Oriented Strand Board (OSB) On Walls	2.19	0.84
		For >1,408 To 3,200, Deduct	*-0.02*	
		For >3,200 To 6,400, Deduct	*-0.04*	
		For >6,400 To 12,800, Deduct	*-0.09*	
		For >12,800, Deduct	*-0.14*	
		For Fire Retardant Treatment, Add	*0.32*	
		For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	*2.69*	
06 16 33 00-0041	SF	1/2" Thick Structural Oriented Strand Board (OSB) On Walls	2.38	0.95
		For >1,408 To 3,200, Deduct	*-0.03*	
		For >3,200 To 6,400, Deduct	*-0.04*	
		For >6,400 To 12,800, Deduct	*-0.10*	
		For >12,800, Deduct	*-0.15*	
		For Fire Retardant Treatment, Add	*0.37*	
		For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	*2.87*	
06 16 33 00-0042	SF	5/8" Thick Structural Oriented Strand Board (OSB) On Walls	2.72	1.08
		For >1,408 To 3,200, Deduct	*-0.04*	
		For >3,200 To 6,400, Deduct	*-0.06*	
		For >6,400 To 12,800, Deduct	*-0.12*	
		For >12,800, Deduct	*-0.18*	
		For Fire Retardant Treatment, Add	*0.53*	
		For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	*3.08*	
06 16 33 00-0043	SF	3/4" Thick Structural Oriented Strand Board (OSB) On Walls	3.11	1.08
		For >1,408 To 3,200, Deduct	*-0.05*	
		For >3,200 To 6,400, Deduct	*-0.08*	
		For >6,400 To 12,800, Deduct	*-0.15*	
		For >12,800, Deduct	*-0.22*	
		For Fire Retardant Treatment, Add	*0.71*	
		For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	*3.32*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 16 33 00-0044		**On Floors** *(06 16 33 00-0033)*		
		Note: Includes patching of seams and all fastener holes where necessary.		
06 16 33 00-0045	SF	3/8" Thick Structural Oriented Strand Board (OSB) On Floors	1.84	0.72
		For >1,408 To 3,200, Deduct	*-0.02*	
		For >3,200 To 6,400, Deduct	*-0.04*	
		For >6,400 To 12,800, Deduct	*-0.08*	
		For >12,800, Deduct	*-0.12*	
		For Fire Retardant Treatment, Add	*0.32*	
		For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	*2.16*	
06 16 33 00-0046	SF	1/2" Thick Structural Oriented Strand Board (OSB) On Floors	2.19	0.84
		For >1,408 To 3,200, Deduct	*-0.03*	
		For >3,200 To 6,400, Deduct	*-0.04*	
		For >6,400 To 12,800, Deduct	*-0.09*	
		For >12,800, Deduct	*-0.14*	
		For Fire Retardant Treatment, Add	*0.37*	
		For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	*2.58*	
06 16 33 00-0047	SF	5/8" Thick Structural Oriented Strand Board (OSB) On Floors	2.55	0.95
		For >1,408 To 3,200, Deduct	*-0.04*	
		For >3,200 To 6,400, Deduct	*-0.06*	
		For >6,400 To 12,800, Deduct	*-0.12*	
		For >12,800, Deduct	*-0.17*	
		For Fire Retardant Treatment, Add	*0.53*	
		For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	*2.82*	
06 16 33 00-0048	SF	3/4" Thick Structural Oriented Strand Board (OSB) On Floors	2.95	1.08
		For >1,408 To 3,200, Deduct	*-0.05*	
		For >3,200 To 6,400, Deduct	*-0.08*	
		For >6,400 To 12,800, Deduct	*-0.15*	
		For >12,800, Deduct	*-0.21*	
		For Fire Retardant Treatment, Add	*0.71*	
		For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	*3.08*	
06 16 33 00-0049		**Particle Board** *(06 16 33)*		
06 16 33 00-0050		**Particle Board Floor Decking** *(06 16 33 00-0049)*		
		Note: Includes patching of seams and all fastener holes where necessary.		
06 16 33 00-0051	SF	3/8" Particle Board Floor Decking	2.05	0.60
		Note: Applied to plywood subfloor.		
		For Fire Retardant Treatment Add	*0.51*	
		For >1,536 To 3,200, Deduct	*-0.04*	
		For >3,200 To 6,400, Deduct	*-0.06*	
		For >6,400 To 12,800, Deduct	*-0.11*	
		For >12,800, Deduct	*-0.15*	
		For Tongue And Groove, Add	*0.04*	
06 16 33 00-0052	SF	1/2" Particle Board Floor Decking	2.36	0.60
		Note: Applied to plywood subfloor.		
		For Fire Retardant Treatment Add	*0.69*	
		For >1,536 To 3,200, Deduct	*-0.05*	
		For >3,200 To 6,400, Deduct	*-0.08*	
		For >6,400 To 12,800, Deduct	*-0.13*	
		For >12,800, Deduct	*-0.18*	
		For Tongue And Groove, Add	*0.06*	
06 16 33 00-0053	SF	5/8" Particle Board Floor Decking	2.66	0.72
		Note: Applied to plywood subfloor.		
		For Fire Retardant Treatment Add	*0.86*	
		For >1,536 To 3,200, Deduct	*-0.07*	
		For >3,200 To 6,400, Deduct	*-0.10*	
		For >6,400 To 12,800, Deduct	*-0.16*	
		For >12,800, Deduct	*-0.21*	
		For Tongue And Groove, Add	*0.08*	
06 16 33 00-0054	SF	3/4" Particle Board Floor Decking	2.95	0.72
		Note: Applied to plywood subfloor.		
		For Fire Retardant Treatment Add	*1.01*	
		For >1,536 To 3,200, Deduct	*-0.08*	
		For >3,200 To 6,400, Deduct	*-0.12*	
		For >6,400 To 12,800, Deduct	*-0.18*	
		For >12,800, Deduct	*-0.24*	
		For Tongue And Groove, Add	*0.09*	
06 16 43		**Gypsum Sheathing** *(06 16)*		
06 16 43 00-0001		**Exterior Gypsum Sheathing** *(06 16 43)*		
		Note: Includes moisture resistant core and fiberglass mats on both sides and long edges.		
06 16 43 00-0002	SF	1/2" Exterior Gypsum Sheathing (GP Dens-Glass Gold)	2.92	0.95
		For Selective Replacement <400 (Includes Removal Of Damaged Gypsum And Fitting New Gypsum To Size), Add	*2.87*	
		For Application To Metal Studs, Joists, Or Rafters, Add	*0.38*	
		For Ceiling Installation, Add	*0.19*	
		For >1,696 To 3,200, Deduct	*-0.06*	
		For >3,200 To 6,400, Deduct	*-0.09*	
		For >6,400 To 12,800, Deduct	*-0.16*	
		For >12,800, Deduct	*-0.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 16 43 00-0003	SF	5/8" Exterior Gypsum Sheathing (GP Dens-Glass Gold)	3.15	1.20
		For Selective Replacement <400 (Includes Removal Of Damaged Gypsum And Fitting New Gypsum To Size), Add	*3.08*	
		For Application To Metal Studs, Joists, Or Rafters, Add	*0.41*	
		For Ceiling Installation, Add	*0.21*	
		For >1,696 To 3,200, Deduct	*-0.07*	
		For >3,200 To 6,400, Deduct	*-0.10*	
		For >6,400 To 12,800, Deduct	*-0.17*	
		For >12,800, Deduct	*-0.23*	

06 17 Shop-Fabricated Structural Wood *(06 10)*

06 17 13 Laminated Veneer Lumber *(06 17)*

06 17 13 00-0001 Laminated Veneer Lumber (LVL) *(06 17 13)*

06 17 13 00-0002	LF	1-3/4" Wide x 5-1/2" Deep Laminated Veneer Lumber (LVL)	7.54	2.07
06 17 13 00-0003	LF	1-3/4" Wide x 7-1/4" Deep Laminated Veneer Lumber (LVL)	8.21	2.10
06 17 13 00-0004	LF	1-3/4" Wide x 9-1/2" Deep Laminated Veneer Lumber (LVL)	8.98	2.14
06 17 13 00-0005	LF	1-3/4" Wide x 11-7/8" Deep Laminated Veneer Lumber (LVL)	9.96	2.17
06 17 13 00-0006	LF	1-3/4" Wide x 14" Deep Laminated Veneer Lumber (LVL)	10.69	2.21
06 17 13 00-0007	LF	1-3/4" Wide x 16" Deep Laminated Veneer Lumber (LVL)	11.75	2.28
06 17 13 00-0008	LF	1-3/4" Wide x 18" Deep Laminated Veneer Lumber (LVL)	13.22	2.32
06 17 13 00-0009	LF	1-3/4" Wide x 24" Deep Laminated Veneer Lumber (LVL)	17.90	2.64

06 17 23 Parallel Strand Lumber *(06 17)*

06 17 23 00-0001 Laminated Strand Lumber (LSL) *(06 17 23)*

06 17 23 00-0002	LF	2" x 4" Laminated Strand Lumber (LSL)	2.60	0.95
06 17 23 00-0003	LF	2" x 6" Laminated Strand Lumber (LSL)	3.43	1.01

06 17 33 Wood I-Joists *(06 17)*

06 17 33 00-0001 Prefabricated Wood I-Joists *(06 17 33)*

06 17 33 00-0002	LF	9-1/2" Deep, 3/8" Web With 1-1/2" x 1-3/4" Flanges Prefabricated Wood I-Joist, Up To 30' Length	4.58	1.29
		For I-Joists 30' To 40' In Length, Add	*0.57*	
		For I-Joists >40' In Length, Add	*1.39*	
06 17 33 00-0003	LF	11-7/8" Deep, 3/8" Web With 1-1/2" x 1-3/4" Flanges Prefabricated Wood I-Joist, Up To 30' Length	4.95	1.44
		For I-Joists 30' To 40' In Length, Add	*0.63*	
		For I-Joists >40' In Length, Add	*1.56*	
06 17 33 00-0004	LF	14" Deep, 3/8" Web With 1-1/2" x 1-3/4" Flanges Prefabricated Wood I-Joist, Up To 30' Length	5.78	1.62
		For I-Joists 30' To 40' In Length, Add	*0.71*	
		For I-Joists >40' In Length, Add	*1.75*	
06 17 33 00-0005	LF	16" Deep, 3/8" Web With 1-1/2" x 1-3/4" Flanges Prefabricated Wood I-Joist, Up To 30' Length	6.51	1.80
		For I-Joists 30' To 40' In Length, Add	*0.79*	
		For I-Joists >40' In Length, Add	*1.94*	

06 17 43 Rim Boards *(06 17)*

06 17 43 00-0001 Oriented Strand Board (OSB) Rim Board *(06 17 43)*

06 17 43 00-0002	LF	1-1/8" Wide x 9-1/2" Deep, Oriented Strand Board (OSB) Rim Board	6.28	2.14
06 17 43 00-0003	LF	1-1/8" Wide x 11-7/8" Deep, Oriented Strand Board (OSB) Rim Board	6.81	2.17
06 17 43 00-0004	LF	1-1/8" Wide x 14" Deep, Oriented Strand Board (OSB) Rim Board	7.43	2.21

06 17 53 Shop-Fabricated Wood Trusses *(06 17)*

Note: Includes temporary and permanent bracing, and fastening with truss tie-downs.

06 17 53 00-0001 Pre-Assembled Wood Roof Trusses *(06 17 53)*

Note: For King Post, Queen Post, Fink or Howe types. Includes 2" x 4" top and bottom chords up to 42' and with 2" x 6" top and bottom chords >42'.

06 17 53 00-0002	EA	10' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	188.14	75.63
		For Up To 15, Add	*2.77*	
		For >35, Deduct	*-1.84*	
		For 3 In 12 Slope, Add	*1.11*	
		For 5 In 12 Slope, Add	*2.95*	
		For 6 In 12 Slope, Add	*5.53*	
		For 7 In 12 Slope, Add	*7.38*	
		For 8 In 12 Slope, Add	*8.85*	
06 17 53 00-0003	EA	12' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	208.73	82.83
		For Up To 15, Add	*3.23*	
		For >35, Deduct	*-2.15*	
		For 3 In 12 Slope, Add	*1.29*	
		For 5 In 12 Slope, Add	*3.45*	
		For 6 In 12 Slope, Add	*6.46*	
		For 7 In 12 Slope, Add	*8.61*	
		For 8 In 12 Slope, Add	*10.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 17 53 00-0004	EA	14' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	231.89	90.03
		For Up To 15, Add	*3.89*	
		For >35, Deduct	*-2.59*	
		For 3 In 12 Slope, Add	*1.55*	
		For 5 In 12 Slope, Add	*4.15*	
		For 6 In 12 Slope, Add	*7.77*	
		For 7 In 12 Slope, Add	*10.37*	
		For 8 In 12 Slope, Add	*12.44*	
06 17 53 00-0005	EA	16' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	261.82	97.23
		For Up To 15, Add	*5.05*	
		For >35, Deduct	*-3.37*	
		For 3 In 12 Slope, Add	*2.02*	
		For 5 In 12 Slope, Add	*5.39*	
		For 6 In 12 Slope, Add	*10.10*	
		For 7 In 12 Slope, Add	*13.47*	
		For 8 In 12 Slope, Add	*16.16*	
06 17 53 00-0006	EA	18' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	287.86	104.44
		For Up To 15, Add	*5.92*	
		For >35, Deduct	*-3.95*	
		For 3 In 12 Slope, Add	*2.37*	
		For 5 In 12 Slope, Add	*6.32*	
		For 6 In 12 Slope, Add	*11.85*	
		For 7 In 12 Slope, Add	*15.80*	
		For 8 In 12 Slope, Add	*18.96*	
06 17 53 00-0007	EA	20' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	304.23	115.24
		For Up To 15, Add	*5.53*	
		For >35, Deduct	*-3.69*	
		For 3 In 12 Slope, Add	*2.21*	
		For 5 In 12 Slope, Add	*5.90*	
		For 6 In 12 Slope, Add	*11.06*	
		For 7 In 12 Slope, Add	*14.75*	
		For 8 In 12 Slope, Add	*17.70*	
06 17 53 00-0008	EA	22' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	320.79	183.66
		For Up To 15, Add	*5.69*	
		For >35, Deduct	*-3.80*	
		For 3 In 12 Slope, Add	*2.28*	
		For 5 In 12 Slope, Add	*6.07*	
		For 6 In 12 Slope, Add	*11.39*	
		For 7 In 12 Slope, Add	*15.18*	
		For 8 In 12 Slope, Add	*18.22*	
06 17 53 00-0009	EA	24' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	341.63	129.65
		For Up To 15, Add	*6.18*	
		For >35, Deduct	*-4.12*	
		For 3 In 12 Slope, Add	*2.47*	
		For 5 In 12 Slope, Add	*6.59*	
		For 6 In 12 Slope, Add	*12.35*	
		For 7 In 12 Slope, Add	*16.47*	
		For 8 In 12 Slope, Add	*19.76*	
06 17 53 00-0010	EA	26' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	363.17	205.27
		For Up To 15, Add	*6.71*	
		For >35, Deduct	*-4.47*	
		For 3 In 12 Slope, Add	*2.68*	
		For 5 In 12 Slope, Add	*7.16*	
		For 6 In 12 Slope, Add	*13.42*	
		For 7 In 12 Slope, Add	*17.89*	
		For 8 In 12 Slope, Add	*21.47*	
06 17 53 00-0011	EA	28' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	385.63	144.05
		For Up To 15, Add	*7.31*	
		For >35, Deduct	*-4.88*	
		For 3 In 12 Slope, Add	*2.93*	
		For 5 In 12 Slope, Add	*7.80*	
		For 6 In 12 Slope, Add	*14.63*	
		For 7 In 12 Slope, Add	*19.51*	
		For 8 In 12 Slope, Add	*23.41*	
06 17 53 00-0012	EA	30' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	403.14	226.88
		For Up To 15, Add	*7.55*	
		For >35, Deduct	*-5.03*	
		For 3 In 12 Slope, Add	*3.02*	
		For 5 In 12 Slope, Add	*8.05*	
		For 6 In 12 Slope, Add	*15.09*	
		For 7 In 12 Slope, Add	*20.13*	
		For 8 In 12 Slope, Add	*24.15*	
06 17 53 00-0013	EA	32' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	420.39	154.85
		For Up To 15, Add	*8.30*	
		For >35, Deduct	*-5.53*	
		For 3 In 12 Slope, Add	*3.32*	
		For 5 In 12 Slope, Add	*8.85*	
		For 6 In 12 Slope, Add	*16.60*	
		For 7 In 12 Slope, Add	*22.14*	
		For 8 In 12 Slope, Add	*26.56*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 17 53 00-0014	EA	34' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	456.84	243.16
		For Up To 15, Add	*9.95*	
		For >35, Deduct	*-6.64*	
		For 3 In 12 Slope, Add	*3.98*	
		For 5 In 12 Slope, Add	*10.62*	
		For 6 In 12 Slope, Add	*19.91*	
		For 7 In 12 Slope, Add	*26.54*	
		For 8 In 12 Slope, Add	*31.85*	
06 17 53 00-0015	EA	36' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	474.47	165.66
		For Up To 15, Add	*10.74*	
		For >35, Deduct	*-7.16*	
		For 3 In 12 Slope, Add	*4.29*	
		For 5 In 12 Slope, Add	*11.45*	
		For 6 In 12 Slope, Add	*21.47*	
		For 7 In 12 Slope, Add	*28.63*	
		For 8 In 12 Slope, Add	*34.36*	
06 17 53 00-0016	EA	38' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	498.66	259.29
		For Up To 15, Add	*11.47*	
		For >35, Deduct	*-7.65*	
		For 3 In 12 Slope, Add	*4.59*	
		For 5 In 12 Slope, Add	*12.24*	
		For 6 In 12 Slope, Add	*22.94*	
		For 7 In 12 Slope, Add	*30.59*	
		For 8 In 12 Slope, Add	*36.71*	
06 17 53 00-0017	EA	40' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	516.35	180.06
		For Up To 15, Add	*11.72*	
		For >35, Deduct	*-7.81*	
		For 3 In 12 Slope, Add	*4.69*	
		For 5 In 12 Slope, Add	*12.50*	
		For 6 In 12 Slope, Add	*23.43*	
		For 7 In 12 Slope, Add	*31.24*	
		For 8 In 12 Slope, Add	*37.49*	
06 17 53 00-0018	EA	42' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	563.77	280.90
		For Up To 15, Add	*14.19*	
		For >35, Deduct	*-9.46*	
		For 3 In 12 Slope, Add	*5.68*	
		For 5 In 12 Slope, Add	*15.14*	
		For 6 In 12 Slope, Add	*28.39*	
		For 7 In 12 Slope, Add	*37.85*	
		For 8 In 12 Slope, Add	*45.42*	
06 17 53 00-0019	EA	44' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	610.32	194.47
		For Up To 15, Add	*16.60*	
		For >35, Deduct	*-11.07*	
		For 3 In 12 Slope, Add	*6.64*	
		For 5 In 12 Slope, Add	*17.71*	
		For 6 In 12 Slope, Add	*33.21*	
		For 7 In 12 Slope, Add	*44.28*	
		For 8 In 12 Slope, Add	*53.13*	
06 17 53 00-0020	EA	46' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	631.85	201.67
		For Up To 15, Add	*17.14*	
		For >35, Deduct	*-11.43*	
		For 3 In 12 Slope, Add	*6.86*	
		For 5 In 12 Slope, Add	*18.28*	
		For 6 In 12 Slope, Add	*34.28*	
		For 7 In 12 Slope, Add	*45.70*	
		For 8 In 12 Slope, Add	*54.84*	
06 17 53 00-0021	EA	48' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	662.01	208.87
		For Up To 15, Add	*18.32*	
		For >35, Deduct	*-12.21*	
		For 3 In 12 Slope, Add	*7.33*	
		For 5 In 12 Slope, Add	*19.54*	
		For 6 In 12 Slope, Add	*36.64*	
		For 7 In 12 Slope, Add	*48.85*	
		For 8 In 12 Slope, Add	*58.62*	
06 17 53 00-0022	EA	50' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	744.83	216.08
		For Up To 15, Add	*23.45*	
		For >35, Deduct	*-15.63*	
		For 3 In 12 Slope, Add	*9.38*	
		For 5 In 12 Slope, Add	*25.01*	
		For 6 In 12 Slope, Add	*46.90*	
		For 7 In 12 Slope, Add	*62.54*	
		For 8 In 12 Slope, Add	*75.04*	
06 17 53 00-0023	EA	52' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	711.81	194.33
		For Up To 15, Add	*20.97*	
		For >35, Deduct	*-13.98*	
		For 3 In 12 Slope, Add	*8.39*	
		For 5 In 12 Slope, Add	*22.37*	
		For 6 In 12 Slope, Add	*41.95*	
		For 7 In 12 Slope, Add	*55.93*	
		For 8 In 12 Slope, Add	*67.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 17 53 00-0024	EA	54' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	746.92	226.88
		For Up To 15, Add	*21.99*	
		For >35, Deduct	*-14.66*	
		For 3 In 12 Slope, Add	*8.79*	
		For 5 In 12 Slope, Add	*23.45*	
		For 6 In 12 Slope, Add	*43.97*	
		For 7 In 12 Slope, Add	*58.63*	
		For 8 In 12 Slope, Add	*70.36*	
06 17 53 00-0025	EA	56' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	775.73	210.31
		For Up To 15, Add	*23.07*	
		For >35, Deduct	*-15.38*	
		For 3 In 12 Slope, Add	*9.23*	
		For 5 In 12 Slope, Add	*24.61*	
		For 6 In 12 Slope, Add	*46.14*	
		For 7 In 12 Slope, Add	*61.51*	
		For 8 In 12 Slope, Add	*73.82*	
06 17 53 00-0026	EA	58' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	800.02	237.69
		For Up To 15, Add	*24.35*	
		For >35, Deduct	*-16.23*	
		For 3 In 12 Slope, Add	*9.74*	
		For 5 In 12 Slope, Add	*25.97*	
		For 6 In 12 Slope, Add	*48.70*	
		For 7 In 12 Slope, Add	*64.93*	
		For 8 In 12 Slope, Add	*77.92*	
06 17 53 00-0027	EA	60' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	816.02	241.29
		For Up To 15, Add	*25.01*	
		For >35, Deduct	*-16.67*	
		For 3 In 12 Slope, Add	*10.00*	
		For 5 In 12 Slope, Add	*26.68*	
		For 6 In 12 Slope, Add	*50.02*	
		For 7 In 12 Slope, Add	*66.69*	
		For 8 In 12 Slope, Add	*80.03*	

06 17 53 00-0028 Pre-Assembled Wood Gable End Roof Trusses *(06 17 53)*

Note: 24" on center gable studs. Includes 2" x 4" top and bottom chords up to 42' and with 2" x 6" top and bottom chords >42'.

06 17 53 00-0029	EA	10' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	192.83	75.63
		For 3 In 12 Slope, Add	*1.25*	
		For 5 In 12 Slope, Add	*3.33*	
		For 6 In 12 Slope, Add	*6.24*	
		For 7 In 12 Slope, Add	*8.31*	
		For 8 In 12 Slope, Add	*9.98*	
		For 16" On Center Gable Studs, Add	*8.31*	
06 17 53 00-0030	EA	12' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	214.21	82.83
		For 3 In 12 Slope, Add	*1.46*	
		For 5 In 12 Slope, Add	*3.88*	
		For 6 In 12 Slope, Add	*7.28*	
		For 7 In 12 Slope, Add	*9.71*	
		For 8 In 12 Slope, Add	*11.65*	
		For 16" On Center Gable Studs, Add	*9.71*	
06 17 53 00-0031	EA	14' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	238.48	90.03
		For 3 In 12 Slope, Add	*1.75*	
		For 5 In 12 Slope, Add	*4.67*	
		For 6 In 12 Slope, Add	*8.76*	
		For 7 In 12 Slope, Add	*11.68*	
		For 8 In 12 Slope, Add	*14.02*	
		For 16" On Center Gable Studs, Add	*11.68*	
06 17 53 00-0032	EA	16' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	270.39	97.23
		For 3 In 12 Slope, Add	*2.28*	
		For 5 In 12 Slope, Add	*6.07*	
		For 6 In 12 Slope, Add	*11.39*	
		For 7 In 12 Slope, Add	*15.18*	
		For 8 In 12 Slope, Add	*18.22*	
		For 16" On Center Gable Studs, Add	*15.18*	
06 17 53 00-0033	EA	18' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	297.90	104.44
		For 3 In 12 Slope, Add	*2.67*	
		For 5 In 12 Slope, Add	*7.12*	
		For 6 In 12 Slope, Add	*13.35*	
		For 7 In 12 Slope, Add	*17.81*	
		For 8 In 12 Slope, Add	*21.37*	
		For 16" On Center Gable Studs, Add	*17.81*	
06 17 53 00-0034	EA	20' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	324.16	115.24
		For 3 In 12 Slope, Add	*2.81*	
		For 5 In 12 Slope, Add	*7.49*	
		For 6 In 12 Slope, Add	*14.05*	
		For 7 In 12 Slope, Add	*18.74*	
		For 8 In 12 Slope, Add	*22.48*	
		For 16" On Center Gable Studs, Add	*18.74*	
06 17 53 00-0035	EA	22' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	341.29	122.44
		For 3 In 12 Slope, Add	*2.89*	
		For 5 In 12 Slope, Add	*7.71*	
		For 6 In 12 Slope, Add	*14.46*	
		For 7 In 12 Slope, Add	*19.28*	
		For 8 In 12 Slope, Add	*23.14*	
		For 16" On Center Gable Studs, Add	*19.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 17 53 00-0036	EA	24' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	363.87	129.65
		For 3 In 12 Slope, Add	*3.14*	
		For 5 In 12 Slope, Add	*8.37*	
		For 6 In 12 Slope, Add	*15.69*	
		For 7 In 12 Slope, Add	*20.92*	
		For 8 In 12 Slope, Add	*25.10*	
		For 16" On Center Gable Studs, Add	*20.92*	
06 17 53 00-0037	EA	26' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	387.33	136.85
		For 3 In 12 Slope, Add	*3.41*	
		For 5 In 12 Slope, Add	*9.09*	
		For 6 In 12 Slope, Add	*17.04*	
		For 7 In 12 Slope, Add	*22.73*	
		For 8 In 12 Slope, Add	*27.27*	
		For 16" On Center Gable Studs, Add	*22.73*	
06 17 53 00-0038	EA	28' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	411.98	144.05
		For 3 In 12 Slope, Add	*3.72*	
		For 5 In 12 Slope, Add	*9.91*	
		For 6 In 12 Slope, Add	*18.58*	
		For 7 In 12 Slope, Add	*24.78*	
		For 8 In 12 Slope, Add	*29.73*	
		For 16" On Center Gable Studs, Add	*24.78*	
06 17 53 00-0039	EA	30' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	431.41	151.26
		For 3 In 12 Slope, Add	*3.87*	
		For 5 In 12 Slope, Add	*10.31*	
		For 6 In 12 Slope, Add	*19.34*	
		For 7 In 12 Slope, Add	*25.78*	
		For 8 In 12 Slope, Add	*30.94*	
		For 16" On Center Gable Studs, Add	*25.78*	
06 17 53 00-0040	EA	32' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	451.50	154.85
		For 3 In 12 Slope, Add	*4.25*	
		For 5 In 12 Slope, Add	*11.34*	
		For 6 In 12 Slope, Add	*21.27*	
		For 7 In 12 Slope, Add	*28.36*	
		For 8 In 12 Slope, Add	*34.03*	
		For 16" On Center Gable Studs, Add	*28.36*	
06 17 53 00-0041	EA	34' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	494.12	162.06
		For 3 In 12 Slope, Add	*5.10*	
		For 5 In 12 Slope, Add	*13.60*	
		For 6 In 12 Slope, Add	*25.50*	
		For 7 In 12 Slope, Add	*34.00*	
		For 8 In 12 Slope, Add	*40.80*	
		For 16" On Center Gable Studs, Add	*34.00*	
06 17 53 00-0042	EA	36' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	514.71	165.66
		For 3 In 12 Slope, Add	*5.50*	
		For 5 In 12 Slope, Add	*14.67*	
		For 6 In 12 Slope, Add	*27.51*	
		For 7 In 12 Slope, Add	*36.68*	
		For 8 In 12 Slope, Add	*44.02*	
		For 16" On Center Gable Studs, Add	*36.68*	
06 17 53 00-0043	EA	38' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	541.63	172.86
		For 3 In 12 Slope, Add	*5.88*	
		For 5 In 12 Slope, Add	*15.67*	
		For 6 In 12 Slope, Add	*29.39*	
		For 7 In 12 Slope, Add	*39.18*	
		For 8 In 12 Slope, Add	*47.02*	
		For 16" On Center Gable Studs, Add	*39.18*	
06 17 53 00-0044	EA	40' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	572.85	180.06
		For 3 In 12 Slope, Add	*6.38*	
		For 5 In 12 Slope, Add	*17.02*	
		For 6 In 12 Slope, Add	*31.91*	
		For 7 In 12 Slope, Add	*42.54*	
		For 8 In 12 Slope, Add	*51.05*	
		For 16" On Center Gable Studs, Add	*42.54*	
06 17 53 00-0045	EA	42' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	632.23	187.27
		For 3 In 12 Slope, Add	*7.73*	
		For 5 In 12 Slope, Add	*20.62*	
		For 6 In 12 Slope, Add	*38.66*	
		For 7 In 12 Slope, Add	*51.54*	
		For 8 In 12 Slope, Add	*61.85*	
		For 16" On Center Gable Studs, Add	*51.54*	
06 17 53 00-0046	EA	44' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	690.40	194.47
		For 3 In 12 Slope, Add	*9.04*	
		For 5 In 12 Slope, Add	*24.12*	
		For 6 In 12 Slope, Add	*45.22*	
		For 7 In 12 Slope, Add	*60.29*	
		For 8 In 12 Slope, Add	*72.35*	
		For 16" On Center Gable Studs, Add	*60.29*	
06 17 53 00-0047	EA	46' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	714.51	201.67
		For 3 In 12 Slope, Add	*9.34*	
		For 5 In 12 Slope, Add	*24.89*	
		For 6 In 12 Slope, Add	*46.68*	
		For 7 In 12 Slope, Add	*62.23*	
		For 8 In 12 Slope, Add	*74.68*	
		For 16" On Center Gable Studs, Add	*62.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 17 53 00-0048	EA	48' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	750.36	208.87
		For 3 In 12 Slope, Add	*9.98*	
		For 5 In 12 Slope, Add	*26.61*	
		For 6 In 12 Slope, Add	*49.89*	
		For 7 In 12 Slope, Add	*66.52*	
		For 8 In 12 Slope, Add	*79.83*	
		For 16" On Center Gable Studs, Add	*66.52*	
06 17 53 00-0049	EA	50' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	813.82	216.08
		For 3 In 12 Slope, Add	*11.45*	
		For 5 In 12 Slope, Add	*30.53*	
		For 6 In 12 Slope, Add	*57.25*	
		For 7 In 12 Slope, Add	*76.33*	
		For 8 In 12 Slope, Add	*91.60*	
		For 16" On Center Gable Studs, Add	*76.33*	
06 17 53 00-0050	EA	52' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	833.32	223.28
		For 3 In 12 Slope, Add	*11.60*	
		For 5 In 12 Slope, Add	*30.94*	
		For 6 In 12 Slope, Add	*58.01*	
		For 7 In 12 Slope, Add	*77.35*	
		For 8 In 12 Slope, Add	*92.82*	
		For 16" On Center Gable Studs, Add	*77.35*	
06 17 53 00-0051	EA	54' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	859.21	226.88
		For 3 In 12 Slope, Add	*12.16*	
		For 5 In 12 Slope, Add	*32.44*	
		For 6 In 12 Slope, Add	*60.82*	
		For 7 In 12 Slope, Add	*81.09*	
		For 8 In 12 Slope, Add	*97.31*	
		For 16" On Center Gable Studs, Add	*81.09*	
06 17 53 00-0052	EA	56' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	893.53	234.08
		For 3 In 12 Slope, Add	*12.76*	
		For 5 In 12 Slope, Add	*34.03*	
		For 6 In 12 Slope, Add	*63.81*	
		For 7 In 12 Slope, Add	*85.07*	
		For 8 In 12 Slope, Add	*102.09*	
		For 16" On Center Gable Studs, Add	*85.07*	
06 17 53 00-0053	EA	58' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	924.35	237.69
		For 3 In 12 Slope, Add	*13.47*	
		For 5 In 12 Slope, Add	*35.92*	
		For 6 In 12 Slope, Add	*67.35*	
		For 7 In 12 Slope, Add	*89.80*	
		For 8 In 12 Slope, Add	*107.76*	
		For 16" On Center Gable Studs, Add	*89.80*	
06 17 53 00-0054	EA	60' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	943.72	241.29
		For 3 In 12 Slope, Add	*13.83*	
		For 5 In 12 Slope, Add	*36.89*	
		For 6 In 12 Slope, Add	*69.17*	
		For 7 In 12 Slope, Add	*92.23*	
		For 8 In 12 Slope, Add	*110.68*	
		For 16" On Center Gable Studs, Add	*92.23*	

06 18 Glued-Laminated Construction *(06 10)*

06 18 13 Glued-Laminated Beams *(06 18)*

06 18 13 00-0001 Glue Laminated Straight Beams *(06 18 13)*

Note: Based on southern yellow pine or hemlock lumber with waterproof glue and factor applied sealer.

06 18 13 00-0002	LF	3-1/2" x 6" Glue Laminated Straight Beam	9.58	3.23
06 18 13 00-0003	LF	3-1/2" x 7-1/2" Glue Laminated Straight Beam	11.97	4.03
06 18 13 00-0004	LF	3-1/2" x 9" Glue Laminated Straight Beam	14.36	4.84
06 18 13 00-0005	LF	3-1/2" x 9-1/2" Glue Laminated Straight Beam	15.16	5.11
06 18 13 00-0006	LF	3-1/2" x 10-1/2" Glue Laminated Straight Beam	16.75	5.64
06 18 13 00-0007	LF	3-1/2" x 12" Glue Laminated Straight Beam	19.14	6.46
06 18 13 00-0008	LF	3-1/2" x 13-1/2" Glue Laminated Straight Beam	21.54	7.26
06 18 13 00-0009	LF	3-1/2" x 14" Glue Laminated Straight Beam	22.34	7.53
06 18 13 00-0010	LF	3-1/2" x 15" Glue Laminated Straight Beam	23.95	8.07
06 18 13 00-0011	LF	3-1/2" x 16" Glue Laminated Straight Beam	25.52	8.61
06 18 13 00-0012	LF	3-1/2" x 16-1/2" Glue Laminated Straight Beam	26.33	8.88
06 18 13 00-0013	LF	3-1/2" x 18" Glue Laminated Straight Beam	28.72	9.69
06 18 13 00-0014	LF	3-1/2" x 19-1/2" Glue Laminated Straight Beam	31.11	10.50
06 18 13 00-0015	LF	3-1/2" x 21" Glue Laminated Straight Beam	33.50	11.30
06 18 13 00-0016	LF	3-1/2" x 22.5" Glue Laminated Straight Beam	35.91	12.11
06 18 13 00-0017	LF	5-1/2" x 6" Glue Laminated Straight Beam	15.04	5.07
06 18 13 00-0018	LF	5-1/2" x 7-1/2" Glue Laminated Straight Beam	18.80	6.34
06 18 13 00-0019	LF	5-1/2" x 9" Glue Laminated Straight Beam	22.56	7.61
06 18 13 00-0020	LF	5-1/2" x 9-1/2" Glue Laminated Straight Beam	23.82	8.04
06 18 13 00-0021	LF	5-1/2" x 10-1/2" Glue Laminated Straight Beam	26.33	8.88
06 18 13 00-0022	LF	5-1/2" x 12" Glue Laminated Straight Beam	30.09	10.15
06 18 13 00-0023	LF	5-1/2" x 13-1/2" Glue Laminated Straight Beam	33.85	11.42
06 18 13 00-0024	LF	5-1/2" x 14" Glue Laminated Straight Beam	35.10	11.84
06 18 13 00-0025	LF	5-1/2" x 15" Glue Laminated Straight Beam	37.61	12.69
06 18 13 00-0026	LF	5-1/2" x 16" Glue Laminated Straight Beam	40.11	13.53
06 18 13 00-0027	LF	5-1/2" x 16-1/2" Glue Laminated Straight Beam	41.39	13.96
06 18 13 00-0028	LF	5-1/2" x 18" Glue Laminated Straight Beam	45.14	15.21
06 18 13 00-0029	LF	5-1/2" x 19-1/2" Glue Laminated Straight Beam	48.90	16.49

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 18 13 00-0030	LF	5-1/2" x 21" Glue Laminated Straight Beam	52.66	17.75
06 18 13 00-0031	LF	5-1/2" x 22.5" Glue Laminated Straight Beam	56.43	19.03
06 18 13 00-0032	LF	5-1/2" x 24" Glue Laminated Straight Beam	60.19	20.29
06 18 13 00-0033	LF	6-3/4" x 9" Glue Laminated Straight Beam	27.70	9.33
06 18 13 00-0034	LF	6-3/4" x 9-1/2" Glue Laminated Straight Beam	29.24	9.86
06 18 13 00-0035	LF	6-3/4" x 10-1/2" Glue Laminated Straight Beam	32.31	10.90
06 18 13 00-0036	LF	6-3/4" x 12" Glue Laminated Straight Beam	36.93	12.45
06 18 13 00-0037	LF	6-3/4" x 13-1/2" Glue Laminated Straight Beam	41.56	14.01
06 18 13 00-0038	LF	6-3/4" x 14" Glue Laminated Straight Beam	43.08	14.53
06 18 13 00-0039	LF	6-3/4" x 15" Glue Laminated Straight Beam	46.17	15.56
06 18 13 00-0040	LF	6-3/4" x 16" Glue Laminated Straight Beam	49.24	16.60
06 18 13 00-0041	LF	6-3/4" x 16-1/2" Glue Laminated Straight Beam	50.78	17.12
06 18 13 00-0042	LF	6-3/4" x 18" Glue Laminated Straight Beam	55.39	18.68
06 18 13 00-0043	LF	6-3/4" x 19-1/2" Glue Laminated Straight Beam	60.01	20.24
06 18 13 00-0044	LF	6-3/4" x 21" Glue Laminated Straight Beam	64.63	21.78
06 18 13 00-0045	LF	6-3/4" x 22.5" Glue Laminated Straight Beam	69.23	23.35
06 18 13 00-0046	LF	6-3/4" x 24" Glue Laminated Straight Beam	73.86	24.91
06 18 13 00-0047	LF	8-3/4" x 9" Glue Laminated Straight Beam	35.91	12.11
06 18 13 00-0048	LF	8-3/4" x 9-1/2" Glue Laminated Straight Beam	37.89	12.78
06 18 13 00-0049	LF	8-3/4" x 10-1/2" Glue Laminated Straight Beam	41.89	14.13
06 18 13 00-0050	LF	8-3/4" x 12" Glue Laminated Straight Beam	47.86	16.14
06 18 13 00-0051	LF	8-3/4" x 13-1/2" Glue Laminated Straight Beam	53.85	18.16
06 18 13 00-0052	LF	8-3/4" x 14" Glue Laminated Straight Beam	55.85	18.84
06 18 13 00-0053	LF	8-3/4" x 15" Glue Laminated Straight Beam	59.84	20.17
06 18 13 00-0054	LF	8-3/4" x 16" Glue Laminated Straight Beam	63.82	21.52
06 18 13 00-0055	LF	8-3/4" x 16-1/2" Glue Laminated Straight Beam	65.82	22.19
06 18 13 00-0056	LF	8-3/4" x 18" Glue Laminated Straight Beam	71.82	24.21
06 18 13 00-0057	LF	8-3/4" x 19-1/2" Glue Laminated Straight Beam	77.80	26.22
06 18 13 00-0058	LF	8-3/4" x 21" Glue Laminated Straight Beam	83.77	28.25
06 18 13 00-0059	LF	8-3/4" x 22.5" Glue Laminated Straight Beam	89.76	30.27
06 18 13 00-0060	LF	8-3/4" x 24" Glue Laminated Straight Beam	95.74	32.28
06 18 13 00-0061		Glue Laminated Decking *(06 18 13)*		
06 18 13 00-0062	LF	2" - 4" Thick x 4" Wide Glue Laminated Decking	4.92	2.04
06 18 13 00-0063	LF	2" - 4" Thick x 6" Wide Glue Laminated Decking	5.08	2.04
06 18 13 00-0064	LF	2" - 4" Thick x 8" Wide Glue Laminated Decking	5.24	1.93
06 18 16		**Glued-Laminated Columns** *(06 18)*		
06 18 16 00-0001		Glue Laminated Structural Units *(06 18 16)* Note: Based on southern yellow pine or hemlock lumber in 2" laminations with waterproof glue and factor applied sealer.		
06 18 16 00-0002	LF	3-1/4" x 7-1/2" Glue Laminated Purlin Or Column	14.19	4.19
06 18 16 00-0003	LF	3-1/4" x 9-1/4" Glue Laminated Purlin Or Column	15.99	4.65
06 18 16 00-0004	LF	5-1/4" x 9-1/4" Glue Laminated Purlin Or Column	30.29	9.93
06 18 16 00-0005	LF	5-1/4" x 13" Glue Laminated Purlin Or Column	33.19	10.41

06 20 Finish Carpentry *(06)*

06 22 Millwork *(06 20)*

06 22 13 Standard Pattern Wood Trim *(06 22)*

06 22 13 00-0001		Pine Moldings (All Dimensions Are Nominal) *(06 22 13)*		
06 22 13 00-0002	LF	1/4" x 1-1/4" Wood Lattice Strip	3.37	1.19
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.44*	
06 22 13 00-0003	LF	1/4" x 1-5/8" Wood Lattice Strip	3.54	0.96
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.44*	
06 22 13 00-0004	LF	1/4" x 2-1/2" Wood Lattice Strip	4.48	0.96
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.44*	
06 22 13 00-0005	LF	1/4" x 3-1/2" Wood Lattice Strip	5.03	0.96
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.44*	
06 22 13 00-0006		Ceilings (All Dimensions Are Nominal) *(06 22 13)*		
06 22 13 00-0007		White Pine *(06 22 13 00-0006)*		
06 22 13 00-0008	LF	9/16" x 3-5/8" White Pine Crown Or Bed Molding	15.81	4.17
		For Birch, Add	*3.55*	
		For Mahogany, Oak, Maple Or Walnut, Add	*5.03*	
		For Poplar, Add	*1.97*	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.37*	
		For Stain Grade Material (No Finger Joints), Add	*1.28*	
06 22 13 00-0009	LF	11/16" x 4-5/8" White Pine Crown Or Bed Molding	21.20	4.99
		For Birch, Add	*5.07*	
		For Mahogany, Oak, Maple Or Walnut, Add	*7.04*	
		For Poplar, Add	*2.81*	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.64*	
		For Stain Grade Material (No Finger Joints), Add	*1.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 22 13 00-0010	LF	3/4" x 3/4" White Pine Crown Or Bed Molding	7.70	2.86
		For Birch, Add	*1.06*	
		For Mahogany, Oak, Maple Or Walnut, Add	*1.80*	
		For Poplar, Add	*0.59*	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.09*	
		For Stain Grade Material (No Finger Joints), Add	*0.38*	
06 22 13 00-0011	LF	9/16" x 1-5/8" White Pine Crown Or Bed Molding	8.76	2.86
		For Birch, Add	*1.44*	
		For Mahogany, Oak, Maple Or Walnut, Add	*2.28*	
		For Poplar, Add	*0.80*	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.09*	
		For Stain Grade Material (No Finger Joints), Add	*0.52*	
06 22 13 00-0012	LF	9/16" x 2-1/4" White Pine Crown Or Bed Molding	11.50	3.57
		For Birch, Add	*2.00*	
		For Mahogany, Oak, Maple Or Walnut, Add	*3.09*	
		For Poplar, Add	*1.11*	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.37*	
		For Stain Grade Material (No Finger Joints), Add	*0.72*	
06 22 13 00-0013	LF	3/4" x 3-1/2" White Pine Crown Or Bed Molding	13.26	3.57
		For Birch, Add	*2.63*	
		For Mahogany, Oak, Maple Or Walnut, Add	*3.88*	
		For Poplar, Add	*1.46*	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.37*	
		For Stain Grade Material (No Finger Joints), Add	*0.95*	
06 22 13 00-0014	LF	5/8" x 4-1/4" White Pine Crown Or Bed Molding	16.47	4.29
		For Birch, Add	*3.36*	
		For Mahogany, Oak, Maple Or Walnut, Add	*4.92*	
		For Poplar, Add	*1.87*	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.64*	
		For Stain Grade Material (No Finger Joints), Add	*1.21*	
06 22 13 00-0015	LF	1" x 2" White Pine Dentil Molding	7.97	3.33
		For Birch, Add	*1.16*	
		For Mahogany, Oak, Maple Or Walnut, Add	*1.92*	
		For Poplar, Add	*0.64*	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.09*	
		For Stain Grade Material (No Finger Joints), Add	*0.42*	
06 22 13 00-0016	LF	9/16" x 1-3/4" White Pine Cove Molding	6.73	2.50
		For Birch, Add	*1.14*	
		For Mahogany, Oak, Maple Or Walnut, Add	*1.78*	
		For Poplar, Add	*0.63*	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.82*	
		For Stain Grade Material (No Finger Joints), Add	*0.41*	
06 22 13 00-0017	LF	11/16" x 2-3/4" White Pine Cove Molding	10.11	2.50
		For Birch, Add	*2.35*	
		For Mahogany, Oak, Maple Or Walnut, Add	*3.30*	
		For Poplar, Add	*1.31*	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.82*	
		For Stain Grade Material (No Finger Joints), Add	*0.85*	
06 22 13 00-0018	LF	3/8" x 3/8" White Pine Cove Molding	3.97	1.43
		For Birch, Add	*0.54*	
		For Mahogany, Oak, Maple Or Walnut, Add	*0.92*	
		For Poplar, Add	*0.30*	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.57*	
		For Stain Grade Material (No Finger Joints), Add	*0.19*	
06 22 13 00-0019	LF	1/2" x 1/2" White Pine Cove Molding	4.35	1.43
		For Birch, Add	*0.67*	
		For Mahogany, Oak, Maple Or Walnut, Add	*1.09*	
		For Poplar, Add	*0.37*	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.57*	
		For Stain Grade Material (No Finger Joints), Add	*0.24*	
06 22 13 00-0020	LF	5/8" x 5/8" White Pine Cove Molding	5.81	1.78
		For Birch, Add	*1.02*	
		For Mahogany, Oak, Maple Or Walnut, Add	*1.57*	
		For Poplar, Add	*0.57*	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.69*	
		For Stain Grade Material (No Finger Joints), Add	*0.37*	
06 22 13 00-0021	LF	3/4" x 3/4" White Pine Cove Molding	5.81	1.78
		For Birch, Add	*1.02*	
		For Mahogany, Oak, Maple Or Walnut, Add	*1.57*	
		For Poplar, Add	*0.57*	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.69*	
		For Stain Grade Material (No Finger Joints), Add	*0.37*	
06 22 13 00-0022	LF	15/16" x 15/16" White Pine Cove Molding	7.52	1.78
		For Birch, Add	*1.63*	
		For Mahogany, Oak, Maple Or Walnut, Add	*2.34*	
		For Poplar, Add	*0.91*	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.69*	
		For Stain Grade Material (No Finger Joints), Add	*0.59*	
06 22 13 00-0023	LF	7-1/2" Wide White Pine Mullion Covers	48.78	2.14
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.98*	
06 22 13 00-0024	LF	Three Piece White Pine Mullion Trim, 2 Cove Moldings	61.75	2.14
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.98*	

06 22 13 00-0025 Cedar Trim *(06 22 13 00-0006)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 22 13 00-0026	LF	2" x 4" Cedar Ceiling Trim	13.44	5.99
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.98*	
06 22 13 00-0027		Oak Trim *(06 22 13 00-0006)*		
06 22 13 00-0028	LF	1" x 8" Clear Oak Ceiling Trim	13.97	5.52
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.84*	
06 22 13 00-0029		Closet Poles *(06 22 13)*		
06 22 13 00-0030	LF	1-1/8" Diameter Pine Closet Poles	11.74	3.09
06 22 13 00-0031	LF	1-5/8" Diameter Pine Closet Poles	14.27	3.09
06 22 13 00-0032	LF	2" Diameter Pine Closet Poles	19.48	3.45

06 25 Prefinished Paneling *(06 20)*

06 25 16 Prefinished Plywood Paneling *(06 25)*

06 25 16 00-0001 Hardboard Panels *(06 25 16)*
Note: Excludes furring and trim.

06 25 16 00-0002 Tempered Hardboard Panels *(06 25 16 00-0001)*

06 25 16 00-0003	SF	1/4" Tempered Hardboard Panels	6.05	2.15
		For Waterproof Glue, Add	*0.08*	
		For Ceiling Installation, Add	*1.47*	
		For Glue Laminated Installation, Add	*0.30*	
		For 1/8" Thick Paneling, Deduct	*-0.54*	
		For 1/2" Thick Paneling, Add	*1.21*	
		For 5/8" Thick Paneling, Add	*1.45*	
		For 3/4" Thick Paneling, Add	*1.76*	
		For Fire Retardant Treatment (Class I), Add	*0.91*	
06 25 16 00-0004	SF	1/4" Plastic Faced Tempered Hardboard Panels	6.80	2.64
		For Waterproof Glue, Add	*0.07*	
		For Ceiling Installation, Add	*1.72*	
		For Glue Laminated Installation, Add	*0.34*	
		For 1/8" Thick Paneling, Deduct	*-0.58*	
		For 1/2" Thick Paneling, Add	*1.26*	
		For 5/8" Thick Paneling, Add	*1.48*	
		For 3/4" Thick Paneling, Add	*1.77*	
		For Fire Retardant Treatment (Class I), Add	*0.84*	
06 25 16 00-0005	SF	1/4" Pegboard Tempered Hardboard Panels	6.84	2.15
		For Waterproof Glue, Add	*0.14*	
		For Ceiling Installation, Add	*1.47*	
		For Glue Laminated Installation, Add	*0.34*	
		For 1/8" Thick Paneling, Deduct	*-0.67*	
		For 1/2" Thick Paneling, Add	*1.64*	
		For 5/8" Thick Paneling, Add	*2.04*	
		For 3/4" Thick Paneling, Add	*2.57*	
		For Fire Retardant Treatment (Class I), Add	*1.53*	
06 25 16 00-0006	SF	1/4" Plastic Faced Pegboard Tempered Hardboard	7.03	2.64
		For Waterproof Glue, Add	*0.09*	
		For Ceiling Installation, Add	*1.72*	
		For Glue Laminated Installation, Add	*0.35*	
		For 1/8" Thick Paneling, Deduct	*-0.62*	
		For 1/2" Thick Paneling, Add	*1.39*	
		For 5/8" Thick Paneling, Add	*1.66*	
		For 3/4" Thick Paneling, Add	*2.00*	
		For Fire Retardant Treatment (Class I), Add	*1.02*	

06 25 16 00-0007 Untempered Hardboard Panels *(06 25 16 00-0001)*

06 25 16 00-0008	SF	1/4" Untempered Hardboard Panels	5.81	2.15
		For Waterproof Glue, Add	*0.06*	
		For Glue Laminated Installation, Add	*0.29*	
		For Lumber Core, Add	*0.10*	
		For Fire Retardant Treatment (Class I), Add	*0.72*	

06 40 Architectural Woodwork *(06)*

06 41 Architectural Wood Casework *(06 40)*

06 41 13 Wood-Veneer-Faced Architectural Cabinets *(06 41)*

06 41 13 00-0001 Removal And Reinstallation Of Cabinet Or Counters *(06 41 13)*
Note: Includes storage, cleaning and supply materials. Any height or width.

06 41 13 00-0002	LF	Removal And Reinstallation Of Wood Base Cabinets	91.03	
06 41 13 00-0003	LF	Removal And Reinstallation Of Wall Cabinets	79.15	
06 41 13 00-0004	LF	Removal And Reinstallation Of Plastic Laminated Countertops	18.78	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0005		**Wood-Veneer Faced Wall And Base Cabinets** *(06 41 13)* Note: Kitchen cabinets are constructed of 3/8" and 1/2" thick laminated particleboard with corner braces. Shelves are 3/4" laminated particleboard. The face frame is 3/4" x 1-1/2" solid wood. Hinges are 6 way adjustable, fully concealed steel. Drawers are 1/2" thick laminated particleboard boxes with 3/8" laminated particleboard bottoms. Drawer guides are side mounted, epoxy coated double rails. Excludes door or drawer pull hardware.		
06 41 13 00-0006		**Solid Maple Face Frame And Door, Wall And Base Cabinets** *(06 41 13 00-0005)*		
06 41 13 00-0007		**Base Cabinets, 35" High, 23-3/4" Deep** *(06 41 13 00-0006)*		
06 41 13 00-0008	EA	12" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Maple Face Frame, Door and Drawer Front, Base Cabinet	466.60	23.79
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*142.41*	
		For All Plywood Box Construction, Add	*148.45*	
06 41 13 00-0009	EA	15" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Maple Face Frame, Door and Drawer Front, Base Cabinet	496.91	29.74
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*142.41*	
		For All Plywood Box Construction, Add	*148.45*	
06 41 13 00-0010	EA	18" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Maple Face Frame, Door and Drawer Front, Base Cabinet	519.80	35.69
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*142.41*	
		For All Plywood Box Construction, Add	*148.45*	
06 41 13 00-0011	EA	21" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Maple Face Frame, Door and Drawer Front, Base Cabinet	547.32	41.64
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*142.41*	
		For All Plywood Box Construction, Add	*148.45*	
06 41 13 00-0012	EA	24" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Maple Face Frame, Door and Drawer Front, Base Cabinet	624.84	47.59
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*142.41*	
		For All Plywood Box Construction, Add	*148.45*	
06 41 13 00-0013	EA	27" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Maple Face Frame, Door and Drawer Front, Base Cabinet	653.77	53.54
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*142.41*	
		For All Plywood Box Construction, Add	*148.45*	
06 41 13 00-0014	EA	30" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Maple Face Frame, Door and Drawer Front, Base Cabinet	708.09	59.48
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*142.41*	
		For All Plywood Box Construction, Add	*148.45*	
06 41 13 00-0015	EA	33" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Maple Face Frame, Door and Drawer Front, Base Cabinet	746.44	65.43
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*142.41*	
		For All Plywood Box Construction, Add	*148.45*	
06 41 13 00-0016	EA	36" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Maple Face Frame, Door and Drawer Front, Base Cabinet	769.64	71.38
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*142.41*	
		For All Plywood Box Construction, Add	*148.45*	
06 41 13 00-0017	EA	48" Wide, 35" High x 23-3/4" Deep, Double Drawer and Double Door, Solid Maple Face Frame, Door and Drawer Front, Base Cabinet	879.18	95.19
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*284.83*	
		For All Plywood Box Construction, Add	*148.45*	
06 41 13 00-0018	EA	30" Wide, 35" High x 23-3/4" Deep, Double Drawer with False Panel Drawer Front, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	978.44	59.48
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*284.83*	
		For All Plywood Box Construction, Add	*148.45*	
06 41 13 00-0019	EA	36" Wide, 35" High x 23-3/4" Deep, Double Drawer with False Panel Drawer Front, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	1,087.06	71.38
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*284.83*	
		For All Plywood Box Construction, Add	*148.45*	
06 41 13 00-0020	EA	30" Wide, 35" High x 23-3/4" Deep, Triple Drawer with False Panel Drawer Front, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	1,027.92	59.48
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*427.24*	
		For All Plywood Box Construction, Add	*148.45*	
06 41 13 00-0021	EA	36" Wide, 35" High x 23-3/4" Deep, Triple Drawer with False Panel Drawer Front, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	1,148.61	71.38
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*427.24*	
		For All Plywood Box Construction, Add	*148.45*	
06 41 13 00-0022	EA	12" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	473.84	23.79
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*427.24*	
		For All Plywood Box Construction, Add	*148.45*	
06 41 13 00-0023	EA	15" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	484.84	29.74
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*427.24*	
		For All Plywood Box Construction, Add	*148.45*	
06 41 13 00-0024	EA	18" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	530.67	35.69
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*427.24*	
		For All Plywood Box Construction, Add	*148.45*	
06 41 13 00-0025	EA	21" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	565.42	41.64
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*427.24*	
		For All Plywood Box Construction, Add	*148.45*	
06 41 13 00-0026	EA	24" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	589.84	47.59
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*427.24*	
		For All Plywood Box Construction, Add	*148.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0027	EA	27" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	619.98	53.54
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*427.24*	
		For All Plywood Box Construction, Add	*148.45*	
06 41 13 00-0028	EA	30" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	1,025.50	59.48
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*427.24*	
		For All Plywood Box Construction, Add	*148.45*	
06 41 13 00-0029	EA	33" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	1,081.95	65.43
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*427.24*	
		For All Plywood Box Construction, Add	*148.45*	
06 41 13 00-0030	EA	36" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	1,137.75	71.38
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*427.24*	
		For All Plywood Box Construction, Add	*148.45*	
06 41 13 00-0031	EA	12" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	584.87	23.79
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*569.66*	
		For All Plywood Box Construction, Add	*148.45*	
06 41 13 00-0032	EA	15" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	597.08	29.74
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*569.66*	
		For All Plywood Box Construction, Add	*148.45*	
06 41 13 00-0033	EA	18" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	648.94	35.69
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*569.66*	
		For All Plywood Box Construction, Add	*148.45*	
06 41 13 00-0034	EA	21" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	690.94	41.64
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*569.66*	
		For All Plywood Box Construction, Add	*148.45*	
06 41 13 00-0035	EA	24" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	727.43	47.59
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*569.66*	
		For All Plywood Box Construction, Add	*148.45*	
06 41 13 00-0036	EA	27" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	764.81	53.54
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*569.66*	
		For All Plywood Box Construction, Add	*148.45*	
06 41 13 00-0037	EA	30" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	1,076.19	59.48
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*569.66*	
		For All Plywood Box Construction, Add	*148.45*	
06 41 13 00-0038	EA	33" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	1,138.68	65.43
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*569.66*	
		For All Plywood Box Construction, Add	*148.45*	
06 41 13 00-0039	EA	36" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	1,202.92	71.38
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*569.66*	
		For All Plywood Box Construction, Add	*148.45*	
06 41 13 00-0040		**Wall Cabinet, 12" High, 12" Deep** *(06 41 13 00-0006)*		
06 41 13 00-0041	EA	30" Wide, 12" High x 12" Deep, Double Door, Solid Maple Face Frame and Doors, Wall Cabinet	417.12	59.48
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0042	EA	33" Wide, 12" High x 12" Deep, Double Door, Solid Maple Face Frame and Doors, Wall Cabinet	445.80	65.43
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0043	EA	36" Wide, 12" High x 12" Deep, Double Door, Solid Maple Face Frame and Doors, Wall Cabinet	491.80	71.38
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0044	EA	39" Wide, 12" High x 12" Deep, Double Door, Solid Maple Face Frame and Doors, Wall Cabinet	525.60	77.34
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0045		**Wall Cabinets, 14" High, 12" Deep** *(06 41 13 00-0006)*		
06 41 13 00-0046	EA	12" Wide, 14" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	353.47	23.79
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0047	EA	15" Wide, 14" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	361.87	29.74
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0048	EA	18" Wide, 14" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	379.95	35.69
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0049	EA	21" Wide, 14" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	389.56	41.64
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0050	EA	24" Wide, 14" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	400.40	47.59
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0051	EA	30" Wide, 14" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	419.67	59.48
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0052	EA	33" Wide, 14" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	449.80	65.43
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0053	EA	36" Wide, 14" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	491.80	71.38
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0054	EA	39" Wide, 14" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	525.60	77.34
		For All Plywood Box Construction, Add	*79.66*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0055		**Wall Cabinets, 18" High, 12" Deep** *(06 41 13 00-0006)*		
06 41 13 00-0056	EA	12" Wide, 18" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	367.95	23.79
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0057	EA	15" Wide, 18" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	387.21	29.74
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0058	EA	18" Wide, 18" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	401.67	35.69
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0059	EA	21" Wide, 18" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	417.32	41.64
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0060	EA	24" Wide, 18" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	439.02	47.59
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0061	EA	27" Wide, 18" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	464.34	53.57
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0062	EA	30" Wide, 18" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	487.25	59.48
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0063	EA	33" Wide, 18" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	505.32	65.43
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0064	EA	36" Wide, 18" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	515.94	71.38
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0065		**Wall Cabinets, 30" High, 12" Deep** *(06 41 13 00-0006)*		
06 41 13 00-0066	EA	12" Wide, 30" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	397.91	23.79
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0067	EA	15" Wide, 30" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	434.12	29.74
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0068	EA	18" Wide, 30" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	464.02	35.69
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0069	EA	21" Wide, 30" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	500.34	41.64
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0070	EA	24" Wide, 30" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	535.51	47.59
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0071	EA	27" Wide, 30" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	588.57	53.57
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0072	EA	30" Wide, 30" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	603.04	59.48
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0073	EA	33" Wide, 30" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	658.71	65.43
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0074	EA	36" Wide, 30" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	678.16	71.38
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0075		**Wall Cabinets, 36" High, 12" Deep** *(06 41 13 00-0006)*		
06 41 13 00-0076	EA	12" Wide, 36" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	449.81	23.79
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0077	EA	15" Wide, 36" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	488.43	29.74
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0078	EA	18" Wide, 36" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	521.95	35.69
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0079	EA	21" Wide, 36" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	560.69	41.64
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0080	EA	24" Wide, 36" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	659.82	47.59
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0081	EA	27" Wide, 36" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	663.40	53.57
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0082	EA	30" Wide, 36" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	687.52	59.48
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0083	EA	33" Wide, 36" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	752.85	65.43
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0084	EA	36" Wide, 36" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	772.30	71.38
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0085		**Wall Cabinets, 42" High, 12" Deep** *(06 41 13 00-0006)*		
06 41 13 00-0086	EA	12" Wide, 42" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	504.12	23.79
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0087	EA	15" Wide, 42" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	551.19	29.74
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0088	EA	18" Wide, 42" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	587.13	35.69
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0089	EA	21" Wide, 42" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	624.65	41.64
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0090	EA	24" Wide, 42" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	681.54	47.59
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0091	EA	27" Wide, 42" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	728.57	53.57
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0092	EA	30" Wide, 42" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	767.18	59.48
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0093	EA	33" Wide, 42" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	840.95	65.43
		For All Plywood Box Construction, Add	*79.66*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0094	EA	36" Wide, 42" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	866.43	71.38
		For All Plywood Box Construction, Add	*79.66*	

06 41 13 00-0095 Wall Cabinets, 12" High, 23-3/4" Deep *(06 41 13 00-0006)*

06 41 13 00-0096	EA	30" Wide, 12" High x 23-3/4" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	477.57	59.48
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0097	EA	33" Wide, 12" High x 23-3/4" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	513.51	65.43
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0098	EA	36" Wide, 12" High x 23-3/4" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	552.40	71.38
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0099	EA	39" Wide, 12" High x 23-3/4" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	598.17	77.34
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0100	EA	48" Wide, 12" High x 23-3/4" Deep, Triple Door, Solid Maple Face Frame and Door, Wall Cabinet	709.19	95.19
		For All Plywood Box Construction, Add	*79.66*	

06 41 13 00-0101 Utility Cabinets, 84" High *(06 41 13 00-0006)*

06 41 13 00-0102	EA	15" Wide, 84" High x 12" Deep, Two Door, Solid Maple Face Frame and Door, Pantry Cabinet	909.67	52.88
		For All Plywood Box Construction, Add	*294.48*	
06 41 13 00-0103	EA	18" Wide, 84" High x 12" Deep, Two Door, Solid Maple Face Frame and Door, Pantry Cabinet	1,030.53	63.46
		For All Plywood Box Construction, Add	*294.48*	
06 41 13 00-0104	EA	21" Wide, 84" High x 12" Deep, Two Door, Solid Maple Face Frame and Door, Pantry Cabinet	1,159.85	497.06
		For All Plywood Box Construction, Add	*294.48*	
06 41 13 00-0105	EA	24" Wide, 84" High x 12" Deep, Two Door, Solid Maple Face Frame and Door, Pantry Cabinet	1,217.96	84.61
		For All Plywood Box Construction, Add	*294.48*	
06 41 13 00-0106	EA	30" Wide, 84" High x 12" Deep, Four Door, Solid Maple Face Frame and Door, Pantry Cabinet	1,480.02	105.76
		For All Plywood Box Construction, Add	*294.48*	
06 41 13 00-0107	EA	36" Wide, 84" High x 12" Deep, Four Door, Solid Maple Face Frame and Door, Pantry Cabinet	1,710.71	126.91
		For All Plywood Box Construction, Add	*294.48*	
06 41 13 00-0108	EA	15" Wide, 84" High x 24" Deep, Two Door, Solid Maple Face Frame and Door, Pantry Cabinet	1,032.78	52.88
		For All Plywood Box Construction, Add	*294.48*	
06 41 13 00-0109	EA	18" Wide, 84" High x 24" Deep, Two Door, Solid Maple Face Frame and Door, Pantry Cabinet	1,142.77	63.46
		For All Plywood Box Construction, Add	*294.48*	
06 41 13 00-0110	EA	21" Wide, 84" High x 24" Deep, Two Door, Solid Maple Face Frame and Door, Pantry Cabinet	1,307.09	74.03
		For All Plywood Box Construction, Add	*294.48*	
06 41 13 00-0111	EA	24" Wide, 84" High x 24" Deep, Two Door, Solid Maple Face Frame and Door, Pantry Cabinet	1,388.14	84.61
		For All Plywood Box Construction, Add	*294.48*	
06 41 13 00-0112	EA	30" Wide, 84" High x 24" Deep, Four Door, Solid Maple Face Frame and Door, Pantry Cabinet	1,729.85	105.76
		For All Plywood Box Construction, Add	*294.48*	
06 41 13 00-0113	EA	36" Wide, 84" High x 24" Deep, Four Door, Solid Maple Face Frame and Door, Pantry Cabinet	1,981.05	126.91
		For All Plywood Box Construction, Add	*294.48*	

06 41 13 00-0114 Solid Oak Face Frame And Door, Wall And Base Cabinets *(06 41 13 00-0005)*

06 41 13 00-0115 Base Cabinets, 35" High, 23-3/4" Deep *(06 41 13 00-0114)*

06 41 13 00-0116	EA	12" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Oak Face Frame, Door and Drawer Front, Base Cabinet	419.53	23.79
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*142.41*	
		For All Plywood Box Construction, Add	*148.45*	
06 41 13 00-0117	EA	15" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Oak Face Frame, Door and Drawer Front, Base Cabinet	446.22	29.74
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*142.41*	
		For All Plywood Box Construction, Add	*148.45*	
06 41 13 00-0118	EA	18" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Oak Face Frame, Door and Drawer Front, Base Cabinet	466.70	35.69
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*142.41*	
		For All Plywood Box Construction, Add	*148.45*	
06 41 13 00-0119	EA	21" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Oak Face Frame, Door and Drawer Front, Base Cabinet	491.80	41.64
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*142.41*	
		For All Plywood Box Construction, Add	*148.45*	
06 41 13 00-0120	EA	24" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Oak Face Frame, Door and Drawer Front, Base Cabinet	559.67	47.59
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*142.41*	
		For All Plywood Box Construction, Add	*148.45*	
06 41 13 00-0121	EA	27" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Oak Face Frame, Door and Drawer Front, Base Cabinet	586.19	53.54
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*142.41*	
		For All Plywood Box Construction, Add	*148.45*	
06 41 13 00-0122	EA	30" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Oak Face Frame, Door and Drawer Front, Base Cabinet	633.26	59.48
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*142.41*	
		For All Plywood Box Construction, Add	*148.45*	
06 41 13 00-0123	EA	33" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Oak Face Frame, Door and Drawer Front, Base Cabinet	667.99	65.43
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*142.41*	
		For All Plywood Box Construction, Add	*148.45*	
06 41 13 00-0124	EA	36" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Oak Face Frame, Door and Drawer Front, Base Cabinet	688.78	71.38
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*142.41*	
		For All Plywood Box Construction, Add	*148.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0125	EA	48" Wide, 35" High x 23-3/4" Deep, Double Drawer and Double Door, Solid Oak Face Frame, Door and Drawer Front, Base Cabinet	786.25	95.19
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*284.83*	
		For All Plywood Box Construction, Add	*148.45*	
06 41 13 00-0126	EA	30" Wide, 35" High x 23-3/4" Deep, Double Drawer with False Panel Drawer Front, Solid Oak Face Frame and Drawer Fronts, Base Cabinet	872.23	59.48
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*284.83*	
		For All Plywood Box Construction, Add	*148.45*	
06 41 13 00-0127	EA	36" Wide, 35" High x 23-3/4" Deep, Double Drawer with False Panel Drawer Front, Solid Oak Face Frame and Drawer Fronts, Base Cabinet	967.58	71.38
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*284.83*	
		For All Plywood Box Construction, Add	*148.45*	
06 41 13 00-0128	EA	30" Wide, 35" High x 23-3/4" Deep, Triple Drawer with False Panel Drawer Front, Solid Oak Face Frame and Drawer Fronts, Base Cabinet	915.68	59.48
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*427.24*	
		For All Plywood Box Construction, Add	*148.45*	
06 41 13 00-0129	EA	36" Wide, 35" High x 23-3/4" Deep, Triple Drawer with False Panel Drawer Front, Solid Oak Face Frame and Drawer Fronts, Base Cabinet	1,021.89	71.38
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*427.24*	
		For All Plywood Box Construction, Add	*148.45*	
06 41 13 00-0130	EA	12" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet	426.77	23.79
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*427.24*	
		For All Plywood Box Construction, Add	*148.45*	
06 41 13 00-0131	EA	15" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet	436.56	29.74
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*427.24*	
		For All Plywood Box Construction, Add	*148.45*	
06 41 13 00-0132	EA	18" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet	476.36	35.69
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*427.24*	
		For All Plywood Box Construction, Add	*148.45*	
06 41 13 00-0133	EA	21" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet	507.49	41.64
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*427.24*	
		For All Plywood Box Construction, Add	*148.45*	
06 41 13 00-0134	EA	24" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet	529.50	47.59
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*427.24*	
		For All Plywood Box Construction, Add	*148.45*	
06 41 13 00-0135	EA	27" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet	556.01	53.54
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*427.24*	
		For All Plywood Box Construction, Add	*148.45*	
06 41 13 00-0136	EA	30" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet	913.26	59.48
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*427.24*	
		For All Plywood Box Construction, Add	*148.45*	
06 41 13 00-0137	EA	33" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet	962.47	65.43
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*427.24*	
		For All Plywood Box Construction, Add	*148.45*	
06 41 13 00-0138	EA	36" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet	1,012.23	71.38
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*427.24*	
		For All Plywood Box Construction, Add	*148.45*	
06 41 13 00-0139	EA	12" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet	523.32	23.79
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*569.66*	
		For All Plywood Box Construction, Add	*148.45*	
06 41 13 00-0140	EA	15" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet	535.53	29.74
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*569.66*	
		For All Plywood Box Construction, Add	*148.45*	
06 41 13 00-0141	EA	18" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet	581.36	35.69
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*569.66*	
		For All Plywood Box Construction, Add	*148.45*	
06 41 13 00-0142	EA	21" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet	618.53	41.64
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*569.66*	
		For All Plywood Box Construction, Add	*148.45*	
06 41 13 00-0143	EA	24" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet	650.19	47.59
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*569.66*	
		For All Plywood Box Construction, Add	*148.45*	
06 41 13 00-0144	EA	27" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet	683.95	53.54
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*569.66*	
		For All Plywood Box Construction, Add	*148.45*	
06 41 13 00-0145	EA	30" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet	957.92	59.48
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*569.66*	
		For All Plywood Box Construction, Add	*148.45*	
06 41 13 00-0146	EA	33" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet	1,013.16	65.43
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*569.66*	
		For All Plywood Box Construction, Add	*148.45*	
06 41 13 00-0147	EA	36" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet	1,070.16	71.38
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*569.66*	
		For All Plywood Box Construction, Add	*148.45*	

06 41 13 00-0148 Wall Cabinets, 12" High, 12" Deep *(06 41 13 00-0114)*

06 41 13 00-0149	EA	30" Wide, 12" High x 12" Deep, Double Door, Solid Oak Face Frame and Doors, Wall Cabinet	376.08	59.48
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0150	EA	33" Wide, 12" High x 12" Deep, Double Door, Solid Oak Face Frame and Doors, Wall Cabinet	401.15	65.43
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0151	EA	36" Wide, 12" High x 12" Deep, Double Door, Solid Oak Face Frame and Doors, Wall Cabinet	442.32	71.38
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0152	EA	39" Wide, 12" High x 12" Deep, Double Door, Solid Oak Face Frame and Doors, Wall Cabinet	472.49	77.34
		For All Plywood Box Construction, Add	*79.66*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0153		**Wall Cabinets, 14" High, 12" Deep** *(06 41 13 00-0114)*		
06 41 13 00-0154	EA	12" Wide, 14" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	319.67	23.79
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0155	EA	15" Wide, 14" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	326.87	29.74
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0156	EA	18" Wide, 14" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	342.54	35.69
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0157	EA	21" Wide, 14" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	352.15	41.64
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0158	EA	24" Wide, 14" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	361.78	47.59
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0159	EA	30" Wide, 14" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	378.63	59.48
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0160	EA	33" Wide, 14" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	405.15	65.43
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0161	EA	36" Wide, 14" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	442.32	71.38
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0162	EA	39" Wide, 14" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	472.49	77.34
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0163		**Wall Cabinets, 18" High, 12" Deep** *(06 41 13 00-0114)*		
06 41 13 00-0164	EA	12" Wide, 18" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	331.74	23.79
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0165	EA	15" Wide, 18" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	348.59	29.74
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0166	EA	18" Wide, 18" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	361.85	35.69
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0167	EA	21" Wide, 18" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	376.28	41.64
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0168	EA	24" Wide, 18" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	395.57	47.59
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0169	EA	27" Wide, 18" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	418.48	53.57
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0170	EA	30" Wide, 18" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	437.77	59.48
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0171	EA	33" Wide, 18" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	454.63	65.43
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0172	EA	36" Wide, 18" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	464.04	71.38
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0173		**Wall Cabinets, 30" High, 12" Deep** *(06 41 13 00-0114)*		
06 41 13 00-0174	EA	12" Wide, 30" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	360.50	23.79
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0175	EA	15" Wide, 30" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	393.09	29.74
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0176	EA	18" Wide, 30" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	419.37	35.69
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0177	EA	21" Wide, 30" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	450.86	41.64
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0178	EA	24" Wide, 30" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	482.40	47.59
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0179	EA	27" Wide, 30" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	529.43	53.57
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0180	EA	30" Wide, 30" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	542.69	59.48
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0181	EA	33" Wide, 30" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	591.13	65.43
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0182	EA	36" Wide, 30" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	609.36	71.38
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0183		**Wall Cabinets, 36" High, 12" Deep** *(06 41 13 00-0114)*		
06 41 13 00-0184	EA	12" Wide, 36" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	406.36	23.79
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0185	EA	15" Wide, 36" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	440.16	29.74
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0186	EA	18" Wide, 36" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	470.06	35.69
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0187	EA	21" Wide, 36" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	503.96	41.64
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0188	EA	24" Wide, 36" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	592.23	47.59
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0189	EA	27" Wide, 36" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	594.61	53.57
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0190	EA	30" Wide, 36" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	616.31	59.48
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0191	EA	33" Wide, 36" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	674.40	65.43
		For All Plywood Box Construction, Add	*79.66*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0192	EA	36" Wide, 36" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	691.43	71.38
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0193		**Wall Cabinets, 42" High, 12" Deep** *(06 41 13 00-0114)*		
06 41 13 00-0194	EA	12" Wide, 42" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	453.43	23.79
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0195	EA	15" Wide, 42" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	495.68	29.74
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0196	EA	18" Wide, 42" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	527.99	35.69
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0197	EA	21" Wide, 42" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	560.69	41.64
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0198	EA	24" Wide, 42" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	611.54	47.59
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0199	EA	27" Wide, 42" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	652.54	53.57
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0200	EA	30" Wide, 42" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	686.31	59.48
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0201	EA	33" Wide, 42" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	751.64	65.43
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0202	EA	36" Wide, 42" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	774.71	71.38
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0203		**Wall Cabinets, 12" High, 23-3/4" Deep** *(06 41 13 00-0114)*		
06 41 13 00-0204	EA	30" Wide, 12" High x 23-3/4" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	430.50	59.48
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0205	EA	33" Wide, 12" High x 23-3/4" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	462.82	65.43
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0206	EA	36" Wide, 12" High x 23-3/4" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	496.88	71.38
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0207	EA	39" Wide, 12" High x 23-3/4" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	537.83	77.34
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0208	EA	48" Wide, 12" High x 23-3/4" Deep, Triple Door, Solid Oak Face Frame and Door, Wall Cabinet	635.57	95.19
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0209		**Utility Cabinets, 84" High** *(06 41 13 00-0114)*		
06 41 13 00-0210	EA	15" Wide, 84" High x 12" Deep, Two Door, Solid Oak Face Frame and Door, Pantry Cabinet	822.78	52.88
		For All Plywood Box Construction, Add	*294.48*	
06 41 13 00-0211	EA	18" Wide, 84" High x 12" Deep, Two Door, Solid Oak Face Frame and Door, Pantry Cabinet	931.57	63.46
		For All Plywood Box Construction, Add	*294.48*	
06 41 13 00-0212	EA	21" Wide, 84" High x 12" Deep, Two Door, Solid Oak Face Frame and Door, Pantry Cabinet	1,047.61	497.06
		For All Plywood Box Construction, Add	*294.48*	
06 41 13 00-0213	EA	24" Wide, 84" High x 12" Deep, Two Door, Solid Oak Face Frame and Door, Pantry Cabinet	1,100.89	84.61
		For All Plywood Box Construction, Add	*294.48*	
06 41 13 00-0214	EA	30" Wide, 84" High x 12" Deep, Four Door, Solid Oak Face Frame and Door, Pantry Cabinet	1,332.78	105.76
		For All Plywood Box Construction, Add	*294.48*	
06 41 13 00-0215	EA	36" Wide, 84" High x 12" Deep, Four Door, Solid Oak Face Frame and Door, Pantry Cabinet	1,538.12	126.91
		For All Plywood Box Construction, Add	*294.48*	
06 41 13 00-0216	EA	15" Wide, 84" High x 24" Deep, Two Door, Solid Oak Face Frame and Door, Pantry Cabinet	931.40	52.88
		For All Plywood Box Construction, Add	*294.48*	
06 41 13 00-0217	EA	18" Wide, 84" High x 24" Deep, Two Door, Solid Oak Face Frame and Door, Pantry Cabinet	1,030.53	63.46
		For All Plywood Box Construction, Add	*294.48*	
06 41 13 00-0218	EA	21" Wide, 84" High x 24" Deep, Two Door, Solid Oak Face Frame and Door, Pantry Cabinet	1,176.75	74.03
		For All Plywood Box Construction, Add	*294.48*	
06 41 13 00-0219	EA	24" Wide, 84" High x 24" Deep, Two Door, Solid Oak Face Frame and Door, Pantry Cabinet	1,250.55	84.61
		For All Plywood Box Construction, Add	*294.48*	
06 41 13 00-0220	EA	30" Wide, 84" High x 24" Deep, Four Door, Solid Oak Face Frame and Door, Pantry Cabinet	1,552.43	105.76
		For All Plywood Box Construction, Add	*294.48*	
06 41 13 00-0221	EA	36" Wide, 84" High x 24" Deep, Four Door, Solid Oak Face Frame and Door, Pantry Cabinet	1,775.88	126.91
		For All Plywood Box Construction, Add	*294.48*	
06 41 13 00-0222		**Solid Wood Face Frame And Thermofoil Door, Wall And Base Cabinets** *(06 41 13 00-0005)*		
06 41 13 00-0223		**Base Cabinets, 35" High, 23-3/4" Deep** *(06 41 13 00-0222)*		
06 41 13 00-0224	EA	12" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Wood Face Frame, Thermofoil Door and Drawer Front, Base Cabinet	419.53	23.79
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*142.41*	
		For All Plywood Box Construction, Add	*148.45*	
06 41 13 00-0225	EA	15" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Wood Face Frame, Thermofoil Door and Drawer Front, Base Cabinet	446.22	29.74
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*142.41*	
		For All Plywood Box Construction, Add	*148.45*	
06 41 13 00-0226	EA	18" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Wood Face Frame, Thermofoil Door and Drawer Front, Base Cabinet	466.70	35.69
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*142.41*	
		For All Plywood Box Construction, Add	*148.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0227	EA	21" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Wood Face Frame, Thermofoil Door and Drawer Front, Base Cabinet	491.80	41.64
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*142.41*	
		For All Plywood Box Construction, Add	*148.45*	
06 41 13 00-0228	EA	24" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Wood Face Frame, Thermofoil Door and Drawer Front, Base Cabinet	559.67	47.59
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*142.41*	
		For All Plywood Box Construction, Add	*148.45*	
06 41 13 00-0229	EA	27" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Wood Face Frame, Thermofoil Door and Drawer Front, Base Cabinet	586.19	53.54
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*142.41*	
		For All Plywood Box Construction, Add	*148.45*	
06 41 13 00-0230	EA	30" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Wood Face Frame, Thermofoil Door and Drawer Front, Base Cabinet	633.26	59.48
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*142.41*	
		For All Plywood Box Construction, Add	*148.45*	
06 41 13 00-0231	EA	33" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Wood Face Frame, Thermofoil Door and Drawer Front, Base Cabinet	667.99	65.43
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*142.41*	
		For All Plywood Box Construction, Add	*148.45*	
06 41 13 00-0232	EA	36" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Wood Face Frame, Thermofoil Door and Drawer Front, Base Cabinet	688.78	71.38
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*142.41*	
		For All Plywood Box Construction, Add	*148.45*	
06 41 13 00-0233	EA	48" Wide, 35" High x 23-3/4" Deep, Double Drawer and Double Door, Solid Wood Face Frame, Thermofoil Door and Drawer Front, Base Cabinet	786.25	95.19
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*284.83*	
		For All Plywood Box Construction, Add	*148.45*	
06 41 13 00-0234	EA	30" Wide, 35" High x 23-3/4" Deep, Double Drawer with False Panel Drawer Front, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet	872.23	59.48
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*284.83*	
		For All Plywood Box Construction, Add	*148.45*	
06 41 13 00-0235	EA	36" Wide, 35" High x 23-3/4" Deep, Double Drawer with False Panel Drawer Front, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet	967.58	71.38
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*284.83*	
		For All Plywood Box Construction, Add	*148.45*	
06 41 13 00-0236	EA	30" Wide, 35" High x 23-3/4" Deep, Triple Drawer with False Panel Drawer Front, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet	915.68	59.48
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*427.24*	
		For All Plywood Box Construction, Add	*148.45*	
06 41 13 00-0237	EA	36" Wide, 35" High x 23-3/4" Deep, Triple Drawer with False Panel Drawer Front, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet	1,021.89	71.38
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*427.24*	
		For All Plywood Box Construction, Add	*148.45*	
06 41 13 00-0238	EA	12" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet	426.77	23.79
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*427.24*	
		For All Plywood Box Construction, Add	*148.45*	
06 41 13 00-0239	EA	15" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet	436.56	29.74
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*427.24*	
		For All Plywood Box Construction, Add	*148.45*	
06 41 13 00-0240	EA	18" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet	476.36	35.69
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*427.24*	
		For All Plywood Box Construction, Add	*148.45*	
06 41 13 00-0241	EA	21" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet	507.49	41.64
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*427.24*	
		For All Plywood Box Construction, Add	*148.45*	
06 41 13 00-0242	EA	24" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet	529.50	47.59
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*427.24*	
		For All Plywood Box Construction, Add	*148.45*	
06 41 13 00-0243	EA	27" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet	556.01	53.54
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*427.24*	
		For All Plywood Box Construction, Add	*148.45*	
06 41 13 00-0244	EA	30" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet	913.26	59.48
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*427.24*	
		For All Plywood Box Construction, Add	*148.45*	
06 41 13 00-0245	EA	33" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet	962.47	65.43
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*427.24*	
		For All Plywood Box Construction, Add	*148.45*	
06 41 13 00-0246	EA	36" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet	1,012.23	71.38
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*427.24*	
		For All Plywood Box Construction, Add	*148.45*	
06 41 13 00-0247	EA	12" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet	523.32	23.79
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*569.66*	
		For All Plywood Box Construction, Add	*148.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0248	EA	15" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet	535.53	29.74
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*569.66*	
		For All Plywood Box Construction, Add	*148.45*	
06 41 13 00-0249	EA	18" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet	581.36	35.69
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*569.66*	
		For All Plywood Box Construction, Add	*148.45*	
06 41 13 00-0250	EA	21" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet	618.53	41.64
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*569.66*	
		For All Plywood Box Construction, Add	*148.45*	
06 41 13 00-0251	EA	24" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet	650.19	47.59
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*569.66*	
		For All Plywood Box Construction, Add	*148.45*	
06 41 13 00-0252	EA	27" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet	683.95	53.54
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*569.66*	
		For All Plywood Box Construction, Add	*148.45*	
06 41 13 00-0253	EA	30" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet	957.92	59.48
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*569.66*	
		For All Plywood Box Construction, Add	*148.45*	
06 41 13 00-0254	EA	33" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet	1,013.16	65.43
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*569.66*	
		For All Plywood Box Construction, Add	*148.45*	
06 41 13 00-0255	EA	36" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet	1,070.16	71.38
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*569.66*	
		For All Plywood Box Construction, Add	*148.45*	

06 41 13 00-0256 Wall Cabinets, 12" High, 12" Deep *(06 41 13 00-0222)*

06 41 13 00-0257	EA	30" Wide, 12" High x 12" Deep, Double Door, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	376.08	59.48
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0258	EA	33" Wide, 12" High x 12" Deep, Double Door, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	401.15	65.43
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0259	EA	36" Wide, 12" High x 12" Deep, Double Door, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	442.32	71.38
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0260	EA	39" Wide, 12" High x 12" Deep, Double Door, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	472.49	77.34
		For All Plywood Box Construction, Add	*79.66*	

06 41 13 00-0261 Wall Cabinets, 14" High, 12" Deep *(06 41 13 00-0222)*

06 41 13 00-0262	EA	12" Wide, 14" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	319.67	23.79
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0263	EA	15" Wide, 14" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	326.87	29.74
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0264	EA	18" Wide, 14" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	342.54	35.69
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0265	EA	21" Wide, 14" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	352.15	41.64
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0266	EA	24" Wide, 14" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	361.78	47.59
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0267	EA	30" Wide, 14" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	378.63	59.48
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0268	EA	33" Wide, 14" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	405.15	65.43
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0269	EA	36" Wide, 14" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	442.32	71.38
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0270	EA	39" Wide, 14" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	472.49	77.34
		For All Plywood Box Construction, Add	*79.66*	

06 41 13 00-0271 Wall Cabinets, 18" High, 12" Deep *(06 41 13 00-0222)*

06 41 13 00-0272	EA	12" Wide, 18" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	331.74	23.79
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0273	EA	15" Wide, 18" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	348.59	29.74
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0274	EA	18" Wide, 18" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	361.85	35.69
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0275	EA	21" Wide, 18" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	376.28	41.64
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0276	EA	24" Wide, 18" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	395.57	47.59
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0277	EA	27" Wide, 18" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	418.48	53.57
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0278	EA	30" Wide, 18" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	437.77	59.48
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0279	EA	33" Wide, 18" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	454.63	65.43
		For All Plywood Box Construction, Add	*79.66*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0280	EA	36" Wide, 18" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	464.04	71.38
		For All Plywood Box Construction, Add	*79.66*	

06 41 13 00-0281 Wall Cabinets, 30" High, 12" Deep *(06 41 13 00-0222)*

06 41 13 00-0282	EA	12" Wide, 30" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	360.50	23.79
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0283	EA	15" Wide, 30" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	393.09	29.74
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0284	EA	18" Wide, 30" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	419.37	35.69
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0285	EA	21" Wide, 30" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	450.86	41.64
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0286	EA	24" Wide, 30" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	482.40	47.59
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0287	EA	27" Wide, 30" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	529.43	53.57
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0288	EA	30" Wide, 30" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	542.69	59.48
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0289	EA	33" Wide, 30" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	591.13	65.43
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0290	EA	36" Wide, 30" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	609.36	71.38
		For All Plywood Box Construction, Add	*79.66*	

06 41 13 00-0291 Wall Cabinets, 36" High, 12" Deep *(06 41 13 00-0222)*

06 41 13 00-0292	EA	12" Wide, 36" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	406.36	23.79
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0293	EA	15" Wide, 36" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	440.16	29.74
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0294	EA	18" Wide, 36" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	470.06	35.69
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0295	EA	21" Wide, 36" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	503.96	41.64
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0296	EA	24" Wide, 36" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	592.23	47.59
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0297	EA	27" Wide, 36" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	594.61	53.57
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0298	EA	30" Wide, 36" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	616.31	59.48
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0299	EA	33" Wide, 36" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	674.40	65.43
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0300	EA	36" Wide, 36" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	691.43	71.38
		For All Plywood Box Construction, Add	*79.66*	

06 41 13 00-0301 Wall Cabinets, 42" High, 12" Deep *(06 41 13 00-0222)*

06 41 13 00-0302	EA	12" Wide, 42" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	453.43	23.79
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0303	EA	15" Wide, 42" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	495.68	29.74
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0304	EA	18" Wide, 42" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	527.99	35.69
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0305	EA	21" Wide, 42" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	560.69	41.64
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0306	EA	24" Wide, 42" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	611.54	47.59
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0307	EA	27" Wide, 42" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	652.54	53.57
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0308	EA	30" Wide, 42" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	686.31	59.48
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0309	EA	33" Wide, 42" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	751.64	65.43
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0310	EA	36" Wide, 42" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	774.71	71.38
		For All Plywood Box Construction, Add	*79.66*	

06 41 13 00-0311 Wall Cabinets, 12" High, 23-3/4" Deep *(06 41 13 00-0222)*

06 41 13 00-0312	EA	30" Wide, 12" High x 23-3/4" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	430.50	59.48
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0313	EA	33" Wide, 12" High x 23-3/4" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	462.82	65.43
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0314	EA	36" Wide, 12" High x 23-3/4" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	496.88	71.38
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0315	EA	39" Wide, 12" High x 23-3/4" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	537.83	77.34
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0316	EA	48" Wide, 12" High x 23-3/4" Deep, Triple Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	635.57	95.19
		For All Plywood Box Construction, Add	*79.66*	

06 41 13 00-0317 Utility Cabinets, 84" High *(06 41 13 00-0222)*

06 41 13 00-0318	EA	15" Wide, 84" High x 12" Deep, Two Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet	822.78	52.88
		For All Plywood Box Construction, Add	*294.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0319	EA	18" Wide, 84" High x 12" Deep, Two Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet	931.57	63.46
		For All Plywood Box Construction, Add	*294.48*	
06 41 13 00-0320	EA	21" Wide, 84" High x 12" Deep, Two Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet	1,047.61	497.06
		For All Plywood Box Construction, Add	*294.48*	
06 41 13 00-0321	EA	24" Wide, 84" High x 12" Deep, Two Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet	1,100.89	84.61
		For All Plywood Box Construction, Add	*294.48*	
06 41 13 00-0322	EA	30" Wide, 84" High x 12" Deep, Four Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet	1,332.78	105.76
		For All Plywood Box Construction, Add	*294.48*	
06 41 13 00-0323	EA	36" Wide, 84" High x 12" Deep, Four Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet	1,538.12	126.91
		For All Plywood Box Construction, Add	*294.48*	
06 41 13 00-0324	EA	15" Wide, 84" High x 24" Deep, Two Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet	931.40	52.88
		For All Plywood Box Construction, Add	*294.48*	
06 41 13 00-0325	EA	18" Wide, 84" High x 24" Deep, Two Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet	1,030.53	63.46
		For All Plywood Box Construction, Add	*294.48*	
06 41 13 00-0326	EA	21" Wide, 84" High x 24" Deep, Two Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet	1,176.75	74.03
		For All Plywood Box Construction, Add	*294.48*	
06 41 13 00-0327	EA	24" Wide, 84" High x 24" Deep, Two Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet	1,250.55	84.61
		For All Plywood Box Construction, Add	*294.48*	
06 41 13 00-0328	EA	30" Wide, 84" High x 24" Deep, Four Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet	1,552.43	105.76
		For All Plywood Box Construction, Add	*294.48*	
06 41 13 00-0329	EA	36" Wide, 84" High x 24" Deep, Four Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet	1,775.88	126.91
		For All Plywood Box Construction, Add	*294.48*	

06 41 13 00-0330 Solid Wood Face Frame And Decorative Laminate Veneer Door, Wall And Base Cabinets *(06 41 13 00-0005)*

06 41 13 00-0331 Base Cabinets, 35" High, 23-3/4" Deep *(06 41 13 00-0330)*

06 41 13 00-0332	EA	12" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Wood Face Frame, Decorative Laminate Veneer Door and Drawer Front, Base Cabinet	419.53	23.79
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*142.41*	
		For All Plywood Box Construction, Add	*148.45*	
06 41 13 00-0333	EA	15" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Wood Face Frame, Decorative Laminate Veneer Door and Drawer Front, Base Cabinet	446.22	29.74
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*142.41*	
		For All Plywood Box Construction, Add	*148.45*	
06 41 13 00-0334	EA	18" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Wood Face Frame, Decorative Laminate Veneer Door and Drawer Front, Base Cabinet	466.70	35.69
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*142.41*	
		For All Plywood Box Construction, Add	*148.45*	
06 41 13 00-0335	EA	21" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Wood Face Frame, Decorative Laminate Veneer Door and Drawer Front, Base Cabinet	491.80	41.64
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*142.41*	
		For All Plywood Box Construction, Add	*148.45*	
06 41 13 00-0336	EA	24" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Wood Face Frame, Decorative Laminate Veneer Door and Drawer Front, Base Cabinet	559.67	47.59
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*142.41*	
		For All Plywood Box Construction, Add	*148.45*	
06 41 13 00-0337	EA	27" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Wood Face Frame, Decorative Laminate Veneer Door and Drawer Front, Base Cabinet	586.19	53.54
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*142.41*	
		For All Plywood Box Construction, Add	*148.45*	
06 41 13 00-0338	EA	30" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Wood Face Frame, Decorative Laminate Veneer Door and Drawer Front, Base Cabinet	633.26	59.48
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*142.41*	
		For All Plywood Box Construction, Add	*148.45*	
06 41 13 00-0339	EA	33" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Wood Face Frame, Decorative Laminate Veneer Door and Drawer Front, Base Cabinet	667.99	65.43
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*142.41*	
		For All Plywood Box Construction, Add	*148.45*	
06 41 13 00-0340	EA	36" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Wood Face Frame, Decorative Laminate Veneer Door and Drawer Front, Base Cabinet	688.78	71.38
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*142.41*	
		For All Plywood Box Construction, Add	*148.45*	
06 41 13 00-0341	EA	48" Wide, 35" High x 23-3/4" Deep, Double Drawer and Double Door, Solid Wood Face Frame, Decorative Laminate Veneer Door and Drawer Front, Base Cabinet	786.25	95.19
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*284.83*	
		For All Plywood Box Construction, Add	*148.45*	
06 41 13 00-0342	EA	30" Wide, 35" High x 23-3/4" Deep, Double Drawer with False Panel Drawer Front, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet	872.23	59.48
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*284.83*	
		For All Plywood Box Construction, Add	*148.45*	
06 41 13 00-0343	EA	36" Wide, 35" High x 23-3/4" Deep, Double Drawer with False Panel Drawer Front, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet	967.58	71.38
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*284.83*	
		For All Plywood Box Construction, Add	*148.45*	
06 41 13 00-0344	EA	30" Wide, 35" High x 23-3/4" Deep, Triple Drawer with False Panel Drawer Front, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet	915.68	59.48
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*427.24*	
		For All Plywood Box Construction, Add	*148.45*	
06 41 13 00-0345	EA	36" Wide, 35" High x 23-3/4" Deep, Triple Drawer with False Panel Drawer Front, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet	1,021.89	71.38
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*427.24*	
		For All Plywood Box Construction, Add	*148.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0346	EA	12" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet	426.77	23.79
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*427.24*	
		For All Plywood Box Construction, Add	*148.45*	
06 41 13 00-0347	EA	15" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet	436.56	29.74
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*427.24*	
		For All Plywood Box Construction, Add	*148.45*	
06 41 13 00-0348	EA	18" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet	476.36	35.69
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*427.24*	
		For All Plywood Box Construction, Add	*148.45*	
06 41 13 00-0349	EA	21" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet	507.49	41.64
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*427.24*	
		For All Plywood Box Construction, Add	*148.45*	
06 41 13 00-0350	EA	24" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet	529.50	47.59
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*427.24*	
		For All Plywood Box Construction, Add	*148.45*	
06 41 13 00-0351	EA	27" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet	556.01	53.54
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*427.24*	
		For All Plywood Box Construction, Add	*148.45*	
06 41 13 00-0352	EA	30" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet	913.26	59.48
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*427.24*	
		For All Plywood Box Construction, Add	*148.45*	
06 41 13 00-0353	EA	33" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet	962.47	65.43
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*427.24*	
		For All Plywood Box Construction, Add	*148.45*	
06 41 13 00-0354	EA	36" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet	1,012.23	71.38
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*427.24*	
		For All Plywood Box Construction, Add	*148.45*	
06 41 13 00-0355	EA	12" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet	523.32	23.79
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*569.66*	
		For All Plywood Box Construction, Add	*148.45*	
06 41 13 00-0356	EA	15" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet	535.53	29.74
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*569.66*	
		For All Plywood Box Construction, Add	*148.45*	
06 41 13 00-0357	EA	18" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet	581.36	35.69
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*569.66*	
		For All Plywood Box Construction, Add	*148.45*	
06 41 13 00-0358	EA	21" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet	618.53	41.64
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*569.66*	
		For All Plywood Box Construction, Add	*148.45*	
06 41 13 00-0359	EA	24" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet	650.19	47.59
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*569.66*	
		For All Plywood Box Construction, Add	*148.45*	
06 41 13 00-0360	EA	27" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet	683.95	53.54
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*569.66*	
		For All Plywood Box Construction, Add	*148.45*	
06 41 13 00-0361	EA	30" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet	957.92	59.48
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*569.66*	
		For All Plywood Box Construction, Add	*148.45*	
06 41 13 00-0362	EA	33" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet	1,013.16	65.43
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*569.66*	
		For All Plywood Box Construction, Add	*148.45*	
06 41 13 00-0363	EA	36" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet	1,070.16	71.38
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	*569.66*	
		For All Plywood Box Construction, Add	*148.45*	
06 41 13 00-0364		**Wall Cabinets, 12" High, 12" Deep** *(06 41 13 00-0330)*		
06 41 13 00-0365	EA	30" Wide, 12" High x 12" Deep, Double Door, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	376.08	59.48
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0366	EA	33" Wide, 12" High x 12" Deep, Double Door, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	401.15	65.43
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0367	EA	36" Wide, 12" High x 12" Deep, Double Door, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	442.32	71.38
		For All Plywood Box Construction, Add	*79.66*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0368	EA	39" Wide, 12" High x 12" Deep, Double Door, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	472.49	77.34
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0369		**Wall Cabinets, 14" High, 12" Deep** *(06 41 13 00-0330)*		
06 41 13 00-0370	EA	12" Wide, 14" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	319.67	23.79
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0371	EA	15" Wide, 14" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	326.87	29.74
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0372	EA	18" Wide, 14" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	342.54	35.69
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0373	EA	21" Wide, 14" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	352.15	41.64
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0374	EA	24" Wide, 14" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	361.78	47.59
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0375	EA	30" Wide, 14" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	378.63	59.48
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0376	EA	33" Wide, 14" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	405.15	65.43
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0377	EA	36" Wide, 14" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	442.32	71.38
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0378	EA	39" Wide, 14" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	472.49	77.34
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0379		**Wall Cabinets, 18" High, 12" Deep** *(06 41 13 00-0330)*		
06 41 13 00-0380	EA	12" Wide, 18" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	331.74	23.79
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0381	EA	15" Wide, 18" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	348.59	29.74
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0382	EA	18" Wide, 18" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	361.85	35.69
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0383	EA	21" Wide, 18" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	376.28	41.64
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0384	EA	24" Wide, 18" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	395.57	47.59
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0385	EA	27" Wide, 18" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	418.48	53.57
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0386	EA	30" Wide, 18" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	437.77	59.48
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0387	EA	33" Wide, 18" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	454.63	65.43
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0388	EA	36" Wide, 18" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	464.04	71.38
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0389		**Wall Cabinets, 30" High, 12" Deep** *(06 41 13 00-0330)*		
06 41 13 00-0390	EA	12" Wide, 30" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	360.50	23.79
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0391	EA	15" Wide, 30" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	393.09	29.74
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0392	EA	18" Wide, 30" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	419.37	35.69
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0393	EA	21" Wide, 30" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	450.86	41.64
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0394	EA	24" Wide, 30" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	482.40	47.59
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0395	EA	27" Wide, 30" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	529.43	53.57
		For All Plywood Box Construction, Add	*79.66*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0396	EA	30" Wide, 30" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	542.69	59.48
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0397	EA	33" Wide, 30" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	591.13	65.43
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0398	EA	36" Wide, 30" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	609.36	71.38
		For All Plywood Box Construction, Add	*79.66*	

06 41 13 00-0399 Wall Cabinets, 36" High, 12" Deep *(06 41 13 00-0330)*

06 41 13 00-0400	EA	12" Wide, 36" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	406.36	23.79
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0401	EA	15" Wide, 36" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	440.16	29.74
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0402	EA	18" Wide, 36" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	470.06	35.69
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0403	EA	21" Wide, 36" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	503.96	41.64
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0404	EA	24" Wide, 36" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	592.23	47.59
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0405	EA	27" Wide, 36" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	594.61	53.57
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0406	EA	30" Wide, 36" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	616.31	59.48
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0407	EA	33" Wide, 36" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	674.40	65.43
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0408	EA	36" Wide, 36" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	691.43	71.38
		For All Plywood Box Construction, Add	*79.66*	

06 41 13 00-0409 Wall Cabinets, 42" High, 12" Deep *(06 41 13 00-0330)*

06 41 13 00-0410	EA	12" Wide, 42" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	453.43	23.79
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0411	EA	15" Wide, 42" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	495.68	29.74
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0412	EA	18" Wide, 42" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	527.99	35.69
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0413	EA	21" Wide, 42" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	560.69	41.64
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0414	EA	24" Wide, 42" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	611.54	47.59
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0415	EA	27" Wide, 42" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	652.54	53.57
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0416	EA	30" Wide, 42" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	686.31	59.48
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0417	EA	33" Wide, 42" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	751.64	65.43
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0418	EA	36" Wide, 42" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	774.71	71.38
		For All Plywood Box Construction, Add	*79.66*	

06 41 13 00-0419 Wall Cabinets, 12" High, 23-3/4" Deep *(06 41 13 00-0330)*

06 41 13 00-0420	EA	30" Wide, 12" High x 23-3/4" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	430.50	59.48
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0421	EA	33" Wide, 12" High x 23-3/4" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	462.82	65.43
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0422	EA	36" Wide, 12" High x 23-3/4" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	496.88	71.38
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0423	EA	39" Wide, 12" High x 23-3/4" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	537.83	77.34
		For All Plywood Box Construction, Add	*79.66*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0424	EA	48" Wide, 12" High x 23-3/4" Deep, Triple Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	635.57	95.19
		For All Plywood Box Construction, Add	*79.66*	
06 41 13 00-0425		**Utility Cabinets, 84" High** *(06 41 13 00-0330)*		
06 41 13 00-0426	EA	15" Wide, 84" High x 12" Deep, Two Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet	822.78	52.88
		For All Plywood Box Construction, Add	*294.48*	
06 41 13 00-0427	EA	18" Wide, 84" High x 12" Deep, Two Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet	931.57	63.46
		For All Plywood Box Construction, Add	*294.48*	
06 41 13 00-0428	EA	21" Wide, 84" High x 12" Deep, Two Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet	1,047.61	497.06
		For All Plywood Box Construction, Add	*294.48*	
06 41 13 00-0429	EA	24" Wide, 84" High x 12" Deep, Two Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet	1,100.89	84.61
		For All Plywood Box Construction, Add	*294.48*	
06 41 13 00-0430	EA	30" Wide, 84" High x 12" Deep, Four Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet	1,332.78	105.76
		For All Plywood Box Construction, Add	*294.48*	
06 41 13 00-0431	EA	36" Wide, 84" High x 12" Deep, Four Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet	1,538.12	126.91
		For All Plywood Box Construction, Add	*294.48*	
06 41 13 00-0432	EA	15" Wide, 84" High x 24" Deep, Two Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet	931.40	52.88
		For All Plywood Box Construction, Add	*294.48*	
06 41 13 00-0433	EA	18" Wide, 84" High x 24" Deep, Two Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet	1,030.53	63.46
		For All Plywood Box Construction, Add	*294.48*	
06 41 13 00-0434	EA	21" Wide, 84" High x 24" Deep, Two Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet	1,176.75	74.03
		For All Plywood Box Construction, Add	*294.48*	
06 41 13 00-0435	EA	24" Wide, 84" High x 24" Deep, Two Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet	1,250.55	84.61
		For All Plywood Box Construction, Add	*294.48*	
06 41 13 00-0436	EA	30" Wide, 84" High x 24" Deep, Four Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet	1,552.43	105.76
		For All Plywood Box Construction, Add	*294.48*	
06 41 13 00-0437	EA	36" Wide, 84" High x 24" Deep, Four Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet	1,775.88	126.91
		For All Plywood Box Construction, Add	*294.48*	
06 41 93		**Cabinet and Drawer Hardware** *(06 41)*		
06 41 93 00-0001		Cabinet Hardware *(06 41 93)*		
		Note: Includes all finishes, and mounting screws.		
06 41 93 00-0002	EA	4" To 6" Long, 1/2" Diameter, Cabinet Bar Pull	28.45	10.12
06 41 93 00-0003	EA	7" To 9" Long, 1/2" Diameter, Cabinet Bar Pull	29.31	10.12
06 41 93 00-0004	EA	10" To 12" Long, 1/2" Diameter, Cabinet Bar Pull	30.83	10.12
06 41 93 00-0005	EA	3" To 4-1/2", Flat Cabinet Pull Handle	32.51	10.12
06 41 93 00-0006	EA	5" To 6-1/2", Flat Cabinet Pull Handle	33.38	10.12
06 41 93 00-0007	EA	7" To 8-1/2", Flat Cabinet Pull Handle	42.69	10.12
06 41 93 00-0008	EA	12" To 12-1/2", Flat Cabinet Pull Handle	81.24	10.12
06 41 93 00-0009	EA	1-7/16" Diameter, Mushroom Cabinet Pull Knobs	22.13	7.73
06 41 93 00-0010	EA	3-7/16" x 1-5/8" x 1" Projection, Cabinet Cup Pull	21.98	7.73
06 41 93 00-0011	EA	1-1/4" Long, Finger Cabinet Pull	29.91	8.93
06 41 93 00-0012	EA	3" Long, Finger Cabinet Pull	33.97	8.93
06 41 93 00-0013	EA	4" Long, Finger Cabinet Pull	36.74	8.93
06 41 93 00-0014	EA	6" Long, Finger Cabinet Pull	40.53	8.93
06 41 93 00-0015	EA	12" Long, Finger Cabinet Pull	58.12	8.93
06 41 93 00-0016	EA	Cabinet Spring Loaded Adjustable Barrel Ball Catch	43.10	11.90
06 41 93 00-0017	EA	Cabinet Surface Mounted Square or Matchbook Latch	63.21	11.90
06 41 93 00-0018	EA	Cabinet Door or Drawer Mortised Lock With 2 Keys	166.37	17.85
06 41 93 00-0019	EA	Cabinet Door or Drawer Bored Lock with 2 Keys	57.06	10.12
06 41 93 00-0020	EA	Cabinet Surface Mounted Slide or Barrel Bolt Latch	38.60	10.12

06 42 Wood Paneling *(06 40)*

Note: Includes glue for installation.

06 42 13 Wood Board Paneling *(06 42)*

06 42 13 00-0001 Solid Wood Paneling *(06 42 13)*

06 42 13 00-0002 7/16" Solid Wood Paneling, Tongue And Groove, 3" To 5" Wide *(06 42 13 00-0001)*

06 42 13 00-0003	SF	Homestead Cedar Paneling Tongue And Groove, 7/16"	10.36	2.50
06 42 13 00-0004	SF	Homestead Juniper Paneling Tongue And Groove, 7/16"	10.88	2.50

06 42 13 00-0005 7/16" Solid Wood Paneling, Tongue And Groove, 6" To 10" Wide *(06 42 13 00-0001)*

06 42 13 00-0006	SF	8" Random Plank Tongue And Groove, 7/16"	13.38	2.37
06 42 13 00-0007	SF	8" Solid Plank Tongue And Groove, 7/16"	12.42	2.37

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 42 13 00-0008		1/2" Solid Wood Paneling, Tongue And Groove, 4" To 6" Wide *(06 42 13 00-0001)*		
06 42 13 00-0009	SF	Alder Wood Tongue And Groove Paneling, 1/2"	11.92	2.50
06 42 13 00-0010		1" Solid Wood Paneling, Shiplap, 6" To 8" Wide *(06 42 13 00-0001)*		
06 42 13 00-0011	SF	1" Teredo (Driftwood) Wood Shiplap	7.78	2.14
06 42 16		**Flush Wood Paneling** *(06 42)*		
06 42 16 00-0001		Veneer Hardboard Panels *(06 42 16)*		
06 42 16 00-0002	SF	1/4" Maple Veneer Paneling	6.72	2.15
		For Waterproof Glue, Add	*0.13*	
		For Ceiling Installation, Add	*1.47*	
06 42 16 00-0003		Plywood Unfinished With Trim 1/4" Thick *(06 42 16)*		
06 42 16 00-0004		Birch *(06 42 16 00-0003)*		
06 42 16 00-0005	SF	1/4" Unfinished Birch Plywood, Natural Faced With Trim	5.67	1.92
		For Waterproof Glue, Add	*0.10*	
		For Ceiling Installation, Add	*1.29*	
		For Installation On Metal Studs Or Furring, Add	*0.47*	
		For Glue Laminated Installation, Add	*0.28*	
		For Lumber Core, Add	*0.15*	
		For 1/8" Thick Paneling, Deduct	*-0.53*	
		For 1/2" Thick Paneling, Add	*1.25*	
		For 5/8" Thick Paneling, Add	*1.54*	
		For 3/4" Thick Paneling, Add	*1.90*	
		For Fire Retardant Treatment (Class I), Add	*1.07*	
06 42 16 00-0006	SF	1/4" Unfinished Birch Plywood, Select With Trim	5.77	1.92
		For Waterproof Glue, Add	*0.10*	
		For Ceiling Installation, Add	*1.29*	
		For Installation On Metal Studs Or Furring, Add	*0.47*	
		For Glue Laminated Installation, Add	*0.29*	
		For Lumber Core, Add	*0.16*	
		For 1/8" Thick Paneling, Deduct	*-0.55*	
		For 1/2" Thick Paneling, Add	*1.31*	
		For 5/8" Thick Paneling, Add	*1.61*	
		For 3/4" Thick Paneling, Add	*2.01*	
		For Fire Retardant Treatment (Class I), Add	*1.15*	
06 42 16 00-0007		Knotty Pine *(06 42 16 00-0003)*		
06 42 16 00-0008	SF	1/4" Knotty Pine Plywood, Grade AA Unfinished With Trim	6.59	2.15
		For Waterproof Glue, Add	*0.13*	
		For Ceiling Installation, Add	*1.44*	
		For Installation On Metal Studs Or Furring, Add	*0.53*	
		For Glue Laminated Installation, Add	*0.33*	
		For Lumber Core, Add	*0.20*	
		For 1/8" Thick Paneling, Deduct	*-0.64*	
		For 1/2" Thick Paneling, Add	*1.55*	
		For 5/8" Thick Paneling, Add	*1.92*	
		For 3/4" Thick Paneling, Add	*2.41*	
		For Fire Retardant Treatment (Class I), Add	*1.42*	
06 42 16 00-0009	SF	1/4" Knotty Pine Plywood, Grade AD Unfinished With Trim	6.51	2.15
		For Waterproof Glue, Add	*0.12*	
		For Ceiling Installation, Add	*1.44*	
		For Installation On Metal Studs Or Furring, Add	*0.53*	
		For Glue Laminated Installation, Add	*0.33*	
		For Lumber Core, Add	*0.19*	
		For 1/8" Thick Paneling, Deduct	*-0.62*	
		For 1/2" Thick Paneling, Add	*1.50*	
		For 5/8" Thick Paneling, Add	*1.86*	
		For 3/4" Thick Paneling, Add	*2.33*	
		For Fire Retardant Treatment (Class I), Add	*1.36*	
06 42 16 00-0010		Cedar (Aromatic - Closet Lining) *(06 42 16 00-0003)*		
06 42 16 00-0011	SF	1/4" Cedar Plywood, Standard Grade Unfinished With Trim, Closet Lining	6.54	2.39
		For Waterproof Glue, Add	*0.08*	
		For Ceiling Installation, Add	*1.62*	
		For Installation On Metal Studs Or Furring, Add	*0.59*	
		For Glue Laminated Installation, Add	*0.33*	
		For Lumber Core, Add	*0.13*	
		For 1/8" Thick Paneling, Deduct	*-0.57*	
		For 1/2" Thick Paneling, Add	*1.27*	
		For 5/8" Thick Paneling, Add	*1.51*	
		For 3/4" Thick Paneling, Add	*1.82*	
		For Fire Retardant Treatment (Class I), Add	*0.91*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 42 16 00-0012	SF	1/4" Cedar Plywood, Particle Board Unfinished With Trim, Closet Lining	6.53	2.39
		For Waterproof Glue, Add	*0.08*	
		For Ceiling Installation, Add	*1.62*	
		For Installation On Metal Studs Or Furring, Add	*0.59*	
		For Glue Laminated Installation, Add	*0.33*	
		For Lumber Core, Add	*0.13*	
		For 1/8" Thick Paneling, Deduct	*-0.57*	
		For 1/2" Thick Paneling, Add	*1.26*	
		For 5/8" Thick Paneling, Add	*1.50*	
		For 3/4" Thick Paneling, Add	*1.81*	
		For Fire Retardant Treatment (Class I), Add	*0.90*	
06 42 16 00-0013		**Top Grade Plywood Prefinished With Trim 1/4" Thick** *(06 42 16)*		
06 42 16 00-0014	SF	1/4" Top Grade Plywood, Birch Veneer Prefinished With Trim	6.31	2.15
		For Flitch Matched Veneer, Add	*0.76*	
		For Second Grade Veneer, Deduct	*-0.15*	
		For Third Grade Veneer, Deduct	*-0.23*	
		For Waterproof Glue, Add	*0.11*	
		For Ceiling Installation, Add	*1.44*	
		For Installation On Metal Studs Or Furring, Add	*0.53*	
		For Glue Laminated Installation, Add	*0.32*	
		For Lumber Core, Add	*0.17*	
		For 1/8" Thick Paneling, Deduct	*-0.59*	
		For 1/2" Thick Paneling, Add	*1.40*	
		For 5/8" Thick Paneling, Add	*1.71*	
		For 3/4" Thick Paneling, Add	*2.13*	
		For Fire Retardant Treatment (Class I), Add	*1.20*	
06 42 16 00-0015	SF	1/4" Top Grade Plywood, Cherry Veneer Prefinished With Trim	6.99	2.15
		For Flitch Matched Veneer, Add	*1.10*	
		For Second Grade Veneer, Deduct	*-0.22*	
		For Third Grade Veneer, Deduct	*-0.33*	
		For Waterproof Glue, Add	*0.15*	
		For Ceiling Installation, Add	*1.44*	
		For Installation On Metal Studs Or Furring, Add	*0.53*	
		For Glue Laminated Installation, Add	*0.35*	
		For Lumber Core, Add	*0.24*	
		For 1/8" Thick Paneling, Deduct	*-0.70*	
		For 1/2" Thick Paneling, Add	*1.76*	
		For 5/8" Thick Paneling, Add	*2.22*	
		For 3/4" Thick Paneling, Add	*2.82*	
		For Fire Retardant Treatment (Class I), Add	*1.74*	
06 42 16 00-0016	SF	1/4" Top Grade Plywood, Chestnut Veneer Prefinished With Trim	10.46	2.15
		For Flitch Matched Veneer, Add	*2.37*	
		For Second Grade Veneer, Deduct	*-0.47*	
		For Third Grade Veneer, Deduct	*-0.71*	
		For Waterproof Glue, Add	*0.33*	
		For Ceiling Installation, Add	*1.72*	
		For Installation On Metal Studs Or Furring, Add	*0.63*	
		For Glue Laminated Installation, Add	*0.52*	
		For Lumber Core, Add	*0.52*	
		For 1/8" Thick Paneling, Deduct	*-1.19*	
		For 1/2" Thick Paneling, Add	*3.24*	
		For 5/8" Thick Paneling, Add	*4.24*	
		For 3/4" Thick Paneling, Add	*5.51*	
		For Fire Retardant Treatment (Class I), Add	*3.74*	
06 42 16 00-0017	SF	1/4" Top Grade Plywood, Lauan Veneer Prefinished With Trim	5.31	2.15
		For Flitch Matched Veneer, Add	*0.51*	
		For Second Grade Veneer, Deduct	*-0.10*	
		For Third Grade Veneer, Deduct	*-0.15*	
		For Waterproof Glue, Add	*0.07*	
		For Ceiling Installation, Add	*1.29*	
		For Installation On Metal Studs Or Furring, Add	*0.47*	
		For Glue Laminated Installation, Add	*0.27*	
		For Lumber Core, Add	*0.11*	
		For 1/8" Thick Paneling, Deduct	*-0.47*	
		For 1/2" Thick Paneling, Add	*1.06*	
		For 5/8" Thick Paneling, Add	*1.27*	
		For 3/4" Thick Paneling, Add	*1.55*	
		For Fire Retardant Treatment (Class I), Add	*0.80*	
06 42 16 00-0018	SF	1/4" Top Grade Plywood, Mahogany Veneer Prefinished With Trim	9.19	2.15
		For Flitch Matched Veneer, Add	*1.90*	
		For Second Grade Veneer, Deduct	*-0.38*	
		For Third Grade Veneer, Deduct	*-0.57*	
		For Waterproof Glue, Add	*0.27*	
		For Ceiling Installation, Add	*1.62*	
		For Installation On Metal Studs Or Furring, Add	*0.59*	
		For Glue Laminated Installation, Add	*0.46*	
		For Lumber Core, Add	*0.42*	
		For 1/8" Thick Paneling, Deduct	*-1.01*	
		For 1/2" Thick Paneling, Add	*2.70*	
		For 5/8" Thick Paneling, Add	*3.50*	
		For 3/4" Thick Paneling, Add	*4.52*	
		For Fire Retardant Treatment (Class I), Add	*3.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 42 16 00-0019	SF	1/4" Top Grade Plywood, Red Oak Veneer Prefinished With Trim	6.47	2.15
		For Flitch Matched Veneer, Add	*0.84*	
		For Second Grade Veneer, Deduct	*-0.17*	
		For Third Grade Veneer, Deduct	*-0.25*	
		For Waterproof Glue, Add	*0.12*	
		For Ceiling Installation, Add	*1.44*	
		For Installation On Metal Studs Or Furring, Add	*0.53*	
		For Glue Laminated Installation, Add	*0.32*	
		For Lumber Core, Add	*0.18*	
		For 1/8" Thick Paneling, Deduct	*-0.62*	
		For 1/2" Thick Paneling, Add	*1.48*	
		For 5/8" Thick Paneling, Add	*1.83*	
		For 3/4" Thick Paneling, Add	*2.29*	
		For Fire Retardant Treatment (Class I), Add	*1.33*	
06 42 16 00-0020	SF	1/4" Top Grade Plywood, Pecan Veneer Prefinished With Trim	7.62	2.15
		For Flitch Matched Veneer, Add	*1.12*	
		For Second Grade Veneer, Deduct	*-0.22*	
		For Third Grade Veneer, Deduct	*-0.33*	
		For Waterproof Glue, Add	*0.16*	
		For Ceiling Installation, Add	*1.62*	
		For Installation On Metal Studs Or Furring, Add	*0.59*	
		For Glue Laminated Installation, Add	*0.38*	
		For Lumber Core, Add	*0.25*	
		For 1/8" Thick Paneling, Deduct	*-0.75*	
		For 1/2" Thick Paneling, Add	*1.85*	
		For 5/8" Thick Paneling, Add	*2.32*	
		For 3/4" Thick Paneling, Add	*2.92*	
		For Fire Retardant Treatment (Class I), Add	*1.76*	
06 42 16 00-0021	SF	1/4" Top Grade Plywood, Rosewood Veneer Prefinished With Trim	12.13	2.15
		For Flitch Matched Veneer, Add	*2.70*	
		For Second Grade Veneer, Deduct	*-0.54*	
		For Third Grade Veneer, Deduct	*-0.81*	
		For Waterproof Glue, Add	*0.38*	
		For Ceiling Installation, Add	*2.02*	
		For Installation On Metal Studs Or Furring, Add	*0.74*	
		For Glue Laminated Installation, Add	*0.61*	
		For Lumber Core, Add	*0.59*	
		For 1/8" Thick Paneling, Deduct	*-1.37*	
		For 1/2" Thick Paneling, Add	*3.72*	
		For 5/8" Thick Paneling, Add	*4.85*	
		For 3/4" Thick Paneling, Add	*6.31*	
		For Fire Retardant Treatment (Class I), Add	*4.26*	
06 42 16 00-0022	SF	1/4" Top Grade Plywood, Teak Veneer Prefinished With Trim	9.18	2.15
		For Flitch Matched Veneer, Add	*1.90*	
		For Second Grade Veneer, Deduct	*-0.38*	
		For Third Grade Veneer, Deduct	*-0.57*	
		For Waterproof Glue, Add	*0.27*	
		For Ceiling Installation, Add	*1.62*	
		For Installation On Metal Studs Or Furring, Add	*0.59*	
		For Glue Laminated Installation, Add	*0.46*	
		For Lumber Core, Add	*0.42*	
		For 1/8" Thick Paneling, Deduct	*-1.01*	
		For 1/2" Thick Paneling, Add	*2.69*	
		For 5/8" Thick Paneling, Add	*3.49*	
		For 3/4" Thick Paneling, Add	*4.51*	
		For Fire Retardant Treatment (Class I), Add	*2.99*	
06 42 16 00-0023	SF	1/4" Top Grade Plywood, Walnut Veneer Prefinished With Trim	8.02	2.15
		For Flitch Matched Veneer, Add	*1.62*	
		For Second Grade Veneer, Deduct	*-0.32*	
		For Third Grade Veneer, Deduct	*-0.48*	
		For Waterproof Glue, Add	*0.23*	
		For Ceiling Installation, Add	*1.44*	
		For Installation On Metal Studs Or Furring, Add	*0.53*	
		For Glue Laminated Installation, Add	*0.40*	
		For Lumber Core, Add	*0.36*	
		For 1/8" Thick Paneling, Deduct	*-0.87*	
		For 1/2" Thick Paneling, Add	*2.32*	
		For 5/8" Thick Paneling, Add	*3.00*	
		For 3/4" Thick Paneling, Add	*3.87*	
		For Fire Retardant Treatment (Class I), Add	*2.55*	
06 42 16 00-0024	SF	1/4" Top Grade Plywood, Maple Veneer Prefinished With Trim	6.51	2.15
		For Flitch Matched Veneer, Add	*0.86*	
		For Second Grade Veneer, Deduct	*-0.17*	
		For Third Grade Veneer, Deduct	*-0.26*	
		For Waterproof Glue, Add	*0.12*	
		For Ceiling Installation, Add	*1.44*	
		For Installation On Metal Studs Or Furring, Add	*0.53*	
		For Glue Laminated Installation, Add	*0.33*	
		For Lumber Core, Add	*0.19*	
		For 1/8" Thick Paneling, Deduct	*-0.62*	
		For 1/2" Thick Paneling, Add	*1.50*	
		For 5/8" Thick Paneling, Add	*1.86*	
		For 3/4" Thick Paneling, Add	*2.33*	
		For Fire Retardant Treatment (Class I), Add	*1.36*	

06 42 16 00-0025 Accessories *(06 42 16)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 42 16 00-0026	EA	Aluminum Panel Retainer "J" With Bolt	42.10	

06 42 19 Plastic-Laminate-Faced Wood Paneling *(06 42)*

06 42 19 00-0001 Plastic Laminate *(06 42 19)*

Note: Standard colors and patterns.

06 42 19 00-0002	SF	1/16" Plastic Laminate Faced Panel Note: Includes cutting to fit.	11.35	4.17

06 43 Wood Stairs and Railings *(06 40)*

06 43 13 Wood Stairs *(06 43)*

06 43 13 00-0001 Stair Parts *(06 43 13)*

06 43 13 00-0002	EA	30" Baluster, Pine	59.89	24.15
06 43 13 00-0003	EA	30" Baluster, Birch	70.78	24.15
06 43 13 00-0004	EA	42" Baluster, Pine	67.62	24.97
06 43 13 00-0005	EA	42" Baluster, Birch	79.23	24.97
06 43 13 00-0006	EA	3-1/4" Wide Newels, Starting	353.33	94.91
06 43 13 00-0007	EA	3-1/4" Wide Newels, Landing	516.91	133.20
06 43 13 00-0008	LF	Oak Gooseneck, 1 Riser	212.85	83.26
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*27.33*	
06 43 13 00-0009	LF	Oak Gooseneck, 2 Riser	249.15	91.46
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*30.04*	
06 43 13 00-0010	LF	Oak Handrail, 2-1/2" x 3" With Quarter Turn	43.14	12.49
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*4.10*	
06 43 13 00-0011	LF	1-1/16" x 9-1/2" Oak Stair Tread	56.05	7.01
		For Beech, Add	*12.63*	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*3.21*	
06 43 13 00-0012	LF	1-1/16" x 11-1/2" Oak Stair Tread	68.03	7.01
		For Beech, Add	*16.22*	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*3.21*	
06 43 13 00-0013	LF	1-1/16" x 11-1/2" Pine Stair Tread	30.93	7.01
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*3.21*	
06 43 13 00-0014	LF	3/4" x 7-1/2" High Beech Riser	42.14	7.25
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*3.35*	
06 43 13 00-0015	LF	3/4" x 7-1/2" High Oak Riser	39.60	7.25
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*3.35*	
06 43 13 00-0016	LF	3/4" x 7-1/2" High Fir Riser	23.27	7.25
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*3.35*	
06 43 13 00-0017	LF	3/4" x 7-1/2" High Pine Riser	22.47	7.25
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*3.35*	
06 43 13 00-0018	SF	Framed Stair Landings, 3/4" Plywood Surface, Per SF Of Landing	48.13	

06 43 13 00-0019 Interior Box Stairs *(06 43 13)*

Note: Factory cut and assembled straight closed box stairs, unfinished.

06 43 13 00-0020	EA	30" Wide Pine Box Stair, Per Riser	309.66	72.43
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*23.80*	
		For Prefinished Stair Rail With Balusters And Newel, Add	*75.04*	
		For Each LF Of Prefinished Handrail, Brackets And Baluster, Add	*24.93*	
		For Oak Or Maple Treads, Add	*92.79*	
06 43 13 00-0021	EA	32" Wide Pine Box Stair, Per Riser	328.25	74.09
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*24.34*	
		For Prefinished Stair Rail With Balusters And Newel, Add	*75.74*	
		For Each LF Of Prefinished Handrail, Brackets And Baluster, Add	*25.23*	
		For Oak Or Maple Treads, Add	*100.10*	
06 43 13 00-0022	EA	34" Wide Pine Box Stair, Per Riser	345.71	74.93
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*24.62*	
		For Prefinished Stair Rail With Balusters And Newel, Add	*76.11*	
		For Each LF Of Prefinished Handrail, Brackets And Baluster, Add	*25.38*	
		For Oak Or Maple Treads, Add	*107.41*	
06 43 13 00-0023	EA	36" Wide Pine Box Stair, Per Riser	365.92	75.76
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*24.89*	
		For Prefinished Stair Rail With Balusters And Newel, Add	*76.46*	
		For Each LF Of Prefinished Handrail, Brackets And Baluster, Add	*25.53*	
		For Oak Or Maple Treads, Add	*115.97*	
06 43 13 00-0024	EA	38" Wide Pine Box Stair, Per Riser	377.87	76.60
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*25.16*	
		For Prefinished Stair Rail With Balusters And Newel, Add	*76.82*	
		For Each LF Of Prefinished Handrail, Brackets And Baluster, Add	*25.67*	
		For Oak Or Maple Treads, Add	*120.82*	
06 43 13 00-0025	EA	40" Wide Pine Box Stair, Per Riser	391.02	78.26
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*25.71*	
		For Prefinished Stair Rail With Balusters And Newel, Add	*77.53*	
		For Each LF Of Prefinished Handrail, Brackets And Baluster, Add	*25.97*	
		For Oak Or Maple Treads, Add	*125.66*	
06 43 13 00-0026	EA	42" Wide Pine Box Stair, Per Riser	402.98	79.09
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*25.98*	
		For Prefinished Stair Rail With Balusters And Newel, Add	*77.89*	
		For Each LF Of Prefinished Handrail, Brackets And Baluster, Add	*26.12*	
		For Oak Or Maple Treads, Add	*130.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 43 13 00-0027	EA	44" Wide Pine Box Stair, Per Riser	414.95	79.93
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*26.26*	
		For Prefinished Stair Rail With Balusters And Newel, Add	*78.25*	
		For Each LF Of Prefinished Handrail, Brackets And Baluster, Add	*26.27*	
		For Oak Or Maple Treads, Add	*135.35*	
06 43 13 00-0028	EA	46" Wide Pine Box Stair, Per Riser	426.87	80.75
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*26.53*	
		For Prefinished Stair Rail With Balusters And Newel, Add	*78.60*	
		For Each LF Of Prefinished Handrail, Brackets And Baluster, Add	*26.42*	
		For Oak Or Maple Treads, Add	*140.19*	
06 43 13 00-0029	EA	48" Wide Pine Box Stair, Per Riser	441.11	83.26
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*27.35*	
		For Prefinished Stair Rail With Balusters And Newel, Add	*79.68*	
		For Each LF Of Prefinished Handrail, Brackets And Baluster, Add	*26.87*	
		For Oak Or Maple Treads, Add	*144.98*	

06 43 16 Wood Railings *(06 43)*

06 43 16 00-0001 Handrails *(06 43 16)*

06 43 16 00-0002 Wood Handrail With Brackets *(06 43 16 00-0001)*

Note: Includes pine, fir or red oak interior grade or pressure treated exterior grade handrail with brackets.

06 43 16 00-0003	LF	1-1/2" x 1-11/16", Wood Handrail With Brackets	19.48	5.95
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*2.73*	
06 43 16 00-0004	LF	1-7/8" x 2-5/8", Wood Handrail With Brackets	21.01	5.95
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*2.73*	
06 43 16 00-0005	LF	1-1/2" Diameter, Wood Handrail With Brackets	26.12	5.95
06 43 16 00-0006	LF	1-3/4" Diameter, Wood Handrail With Brackets	27.40	5.95
06 43 16 00-0007	LF	2" Diameter, Wood Handrail With Brackets	31.99	5.95
06 43 16 00-0008	LF	2-1/2" Diameter, Wood Handrail With Brackets	46.17	5.95

06 44 Ornamental Woodwork *(06 40)*

06 44 39 Wood Posts and Columns *(06 44)*

06 44 39 00-0001 Columns *(06 44 39)*

06 44 39 00-0002 Pine Colonial Columns, Round Tapered With Cap And Base *(06 44 39 00-0001)*

Note: Paint grade/finger jointed pine.

06 44 39 00-0003	LF	6" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base	79.34	8.38
06 44 39 00-0004	LF	8" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base	99.65	12.24
06 44 39 00-0005	LF	10" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base	121.97	14.17
06 44 39 00-0006	LF	12" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base	145.55	14.82
06 44 39 00-0007	LF	14" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base	321.89	16.75
06 44 39 00-0008	LF	16" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base	373.63	18.04
06 44 39 00-0009	LF	18" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base	449.29	19.32
06 44 39 00-0010	LF	20" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base	535.92	20.61
06 44 39 00-0011	LF	6" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base	91.09	8.38
06 44 39 00-0012	LF	8" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base	109.07	12.24
06 44 39 00-0013	LF	10" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base	134.97	14.17
06 44 39 00-0014	LF	12" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base	159.45	14.82
06 44 39 00-0015	LF	14" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base	350.13	16.75
06 44 39 00-0016	LF	16" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base	474.94	18.04
06 44 39 00-0017	LF	18" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base	512.05	19.32
06 44 39 00-0018	LF	20" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base	576.26	20.61

06 44 39 00-0019 Pine Colonial Columns, Round Non-Tapered With Cap And Base *(06 44 39 00-0001)*

Note: Paint grade/finger jointed pine.

06 44 39 00-0020	LF	6" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base	95.12	8.38
06 44 39 00-0021	LF	8" Diameter Plain Column, Pine Colonial Columns, Round Non-Tapered With Cap And Base	117.59	12.24
06 44 39 00-0022	LF	10" Diameter Plain Column, Pine Colonial Columns, Round Non-Tapered With Cap And Base	145.28	14.17
06 44 39 00-0023	LF	12" Diameter Plain Column, Pine Colonial Columns, Round Non-Tapered With Cap And Base	174.69	14.82
06 44 39 00-0024	LF	14" Diameter Plain Column, Pine Colonial Columns, Round Non-Tapered With Cap And Base	395.00	16.75
06 44 39 00-0025	LF	16" Diameter Plain Column, Pine Colonial Columns, Round Non-Tapered With Cap And Base	459.25	18.04
06 44 39 00-0026	LF	18" Diameter Plain Column, Pine Colonial Columns, Round Non-Tapered With Cap And Base	553.43	19.32
06 44 39 00-0027	LF	20" Diameter Plain Column, Pine Colonial Columns, Round Non-Tapered With Cap And Base	661.35	20.61
06 44 39 00-0028	LF	6" Diameter Fluted Column, Pine Colonial Columns, Round Non-Tapered With Cap And Base	109.83	8.38
06 44 39 00-0029	LF	8" Diameter Fluted Column, Pine Colonial Columns, Round Non-Tapered With Cap And Base	130.45	12.24
06 44 39 00-0030	LF	10" Diameter Fluted Column, Pine Colonial Columns, Round Non-Tapered With Cap And Base	162.14	14.17
06 44 39 00-0031	LF	12" Diameter Fluted Column, Pine Colonial Columns, Round Non-Tapered With Cap And Base	192.54	14.82
06 44 39 00-0032	LF	14" Diameter Fluted Column, Pine Colonial Columns, Round Non-Tapered With Cap And Base	430.37	16.75
06 44 39 00-0033	LF	16" Diameter Fluted Column, Pine Colonial Columns, Round Non-Tapered With Cap And Base	586.25	18.04
06 44 39 00-0034	LF	18" Diameter Fluted Column, Pine Colonial Columns, Round Non-Tapered With Cap And Base	632.10	19.32
06 44 39 00-0035	LF	20" Diameter Fluted Column, Pine Colonial Columns, Round Non-Tapered With Cap And Base	711.96	20.61

06 44 39 00-0036 Pine Classical Columns, Round Tapered With Cap And Base *(06 44 39 00-0001)*

Note: Paint grade/finger jointed pine.

06 44 39 00-0037	LF	6" Diameter Plain Column, Pine Classical Columns, Round Tapered With Cap And Base	84.92	8.38
06 44 39 00-0038	LF	8" Diameter Plain Column, Pine Classical Columns, Round Tapered With Cap And Base	106.37	12.24
06 44 39 00-0039	LF	10" Diameter Plain Column, Pine Classical Columns, Round Tapered With Cap And Base	130.42	14.17

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 44 39 00-0040	LF	12" Diameter Plain Column, Pine Classical Columns, Round Tapered With Cap And Base	156.01	14.82
06 44 39 00-0041	LF	6" Diameter Fluted Column, Pine Classical Columns, Round Tapered With Cap And Base	97.72	8.38
06 44 39 00-0042	LF	8" Diameter Fluted Column, Pine Classical Columns, Round Tapered With Cap And Base	116.63	12.24
06 44 39 00-0043	LF	10" Diameter Fluted Column, Pine Classical Columns, Round Tapered With Cap And Base	144.58	14.17
06 44 39 00-0044	LF	12" Diameter Fluted Column, Pine Classical Columns, Round Tapered With Cap And Base	171.15	14.82
06 44 39 00-0045		Redwood Colonial Columns, Round Tapered With Cap And Base *(06 44 39 00-0001)*		
		Note: Paint grade/finger jointed redwood.		
06 44 39 00-0046	LF	6" Diameter Plain Column, Redwood Colonial Columns, Round Tapered With Cap And Base	131.88	8.38
06 44 39 00-0047	LF	8" Diameter Plain Column, Redwood Colonial Columns, Round Tapered With Cap And Base	158.83	12.24
06 44 39 00-0048	LF	10" Diameter Plain Column, Redwood Colonial Columns, Round Tapered With Cap And Base	197.73	14.17
06 44 39 00-0049	LF	12" Diameter Plain Column, Redwood Colonial Columns, Round Tapered With Cap And Base	241.49	14.82
06 44 39 00-0050	LF	6" Diameter Fluted Column, Redwood Colonial Columns, Round Tapered With Cap And Base	151.61	8.38
06 44 39 00-0051	LF	8" Diameter Fluted Column, Redwood Colonial Columns, Round Tapered With Cap And Base	179.90	12.24
06 44 39 00-0052	LF	10" Diameter Fluted Column, Redwood Colonial Columns, Round Tapered With Cap And Base	222.39	14.17
06 44 39 00-0053	LF	12" Diameter Fluted Column, Redwood Colonial Columns, Round Tapered With Cap And Base	273.77	14.82
06 44 39 00-0054		Ornamental Or Decorative Cap And Bases, Resin *(06 44 39 00-0001)*		
		Note: For tapered wood columns.		
06 44 39 00-0055	EA	6" Resin Corinthian Capital And Base	411.35	17.39
06 44 39 00-0056	EA	8" Resin Corinthian Capital And Base	621.43	19.32
06 44 39 00-0057	EA	10" Resin Corinthian Capital And Base	865.47	22.55
06 44 39 00-0058	EA	12" Resin Corinthian Capital And Base	1,105.02	25.77
06 44 39 00-0059	EA	6" Resin Greek Erectheum Cap And Base	366.52	17.39
06 44 39 00-0060	EA	8" Resin Greek Erectheum Cap And Base	509.36	19.32
06 44 39 00-0061	EA	10" Resin Greek Erectheum Cap And Base	632.36	22.55
06 44 39 00-0062	EA	12" Resin Greek Erectheum Cap And Base	827.09	25.77
06 44 39 00-0063	EA	6" Resin Roman Ionic Capital And Base	385.74	18.04
06 44 39 00-0064	EA	8" Resin Roman Ionic Capital And Base	509.36	19.32
06 44 39 00-0065	EA	10" Resin Roman Ionic Capital And Base	632.36	22.55
06 44 39 00-0066	EA	12" Resin Roman Ionic Capital And Base	804.67	25.77
06 44 39 00-0067	EA	6" Resin Scamozzi Capital And Base	390.23	18.04
06 44 39 00-0068	EA	8" Resin Scamozzi Capital And Base	554.19	19.32
06 44 39 00-0069	EA	10" Resin Scamozzi Capital And Base	654.77	22.55
06 44 39 00-0070	EA	12" Resin Scamozzi Capital And Base	898.80	25.77
06 44 39 00-0071	EA	6" Resin Temple Of Winds Cap And Base	390.23	18.04
06 44 39 00-0072	EA	8" Resin Temple Of Winds Cap And Base	603.50	19.32
06 44 39 00-0073	EA	10" Resin Temple Of Winds Cap And Base	798.22	22.55
06 44 39 00-0074	EA	12" Resin Temple Of Winds Cap And Base	988.47	25.77
06 44 39 00-0075		Ornamental Or Decorative Cap And Bases, Plaster *(06 44 39 00-0001)*		
		Note: For tapered wood columns.		
06 44 39 00-0076	EA	6" Plaster Corinthian Capital And Base	828.26	17.39
06 44 39 00-0077	EA	8" Plaster Corinthian Capital And Base	930.75	19.32
06 44 39 00-0078	EA	10" Plaster Corinthian Capital And Base	1,183.75	22.55
06 44 39 00-0079	EA	12" Plaster Corinthian Capital And Base	1,302.26	25.77
06 44 39 00-0080	EA	6" Plaster Greek Erectheum Cap And Base	550.32	17.39
06 44 39 00-0081	EA	8" Plaster Greek Erectheum Cap And Base	639.37	19.32
06 44 39 00-0082	EA	10" Plaster Greek Erectheum Cap And Base	789.26	22.55
06 44 39 00-0083	EA	12" Plaster Greek Erectheum Cap And Base	992.95	25.77
06 44 39 00-0084	EA	6" Plaster Roman Ionic Capital And Base	529.20	18.04
06 44 39 00-0085	EA	8" Plaster Roman Ionic Capital And Base	693.16	19.32
06 44 39 00-0086	EA	10" Plaster Roman Ionic Capital And Base	838.57	22.55
06 44 39 00-0087	EA	12" Plaster Roman Ionic Capital And Base	992.95	25.77
06 44 39 00-0088	EA	6" Plaster Scamozzi Capital And Base	627.82	18.04
06 44 39 00-0089	EA	8" Plaster Scamozzi Capital And Base	832.13	19.32
06 44 39 00-0090	EA	10" Plaster Scamozzi Capital And Base	937.19	22.55
06 44 39 00-0091	EA	12" Plaster Scamozzi Capital And Base	1,190.19	25.77
06 44 39 00-0092	EA	6" Plaster Temple Of Winds Cap And Base	529.20	18.04
06 44 39 00-0093	EA	8" Plaster Temple Of Winds Cap And Base	684.19	19.32
06 44 39 00-0094	EA	10" Plaster Temple Of Winds Cap And Base	892.36	22.55
06 44 39 00-0095	EA	12" Plaster Temple Of Winds Cap And Base	1,140.89	25.77
06 44 39 00-0096	EA	6" Plaster Empire Capital And Base	596.44	18.04
06 44 39 00-0097	EA	8" Plaster Empire Capital And Base	729.02	19.32
06 44 39 00-0098	EA	10" Plaster Empire Capital And Base	887.88	22.55
06 44 39 00-0099	EA	12" Plaster Empire Capital And Base	992.95	25.77

06 46 Wood Trim *(06 40)*

06 46 13 Wood Door and Window Casings *(06 46)*

06 46 13 00-0001 Door and Window Casings *(06 46 13)*

06 46 13 00-0002	LF	1-1/8" Wide Plain Pine Door And Window Molding	5.61	1.90
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.98*	
06 46 13 00-0003	LF	1-1/8" Wide Detailed Pine Door And Window Molding	5.66	1.90
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.98*	
06 46 13 00-0004	LF	2-1/2" Wide Pine Complete Door And Window Trim	7.12	1.90
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.98*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 19		**Wood Base and Shoe Moldings** *(06 46)*		
06 46 19 00-0001		Base And Shoe Molding *(06 46 19)*		
06 46 19 00-0002	LF	1/2" x 1/2" Pine Quarter Round Trim	5.79	2.26
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.14*	
06 46 19 00-0003	LF	3/4" x 3/4" Pine Quarter Round Trim	6.21	2.26
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*1.14*	
06 46 19 00-0004	LF	3-1/2" High White Pine Base Molding, All Dimensions Are Nominal	7.43	1.43
		For Clear Birch, Add	*0.85*	
		For Clear Mahogany, Oak, Maple Or Walnut, Add	*1.68*	
		For Stain Grade Material (No Finger Joints), Add	*0.48*	
		For Clear Poplar, Add	*0.53*	
06 46 19 00-0005	LF	4-1/2" High White Pine Base Molding, All Dimensions Are Nominal	9.02	1.78
		For Clear Birch, Add	*0.98*	
		For Clear Mahogany, Oak, Maple Or Walnut, Add	*1.98*	
		For Stain Grade Material (No Finger Joints), Add	*0.55*	
		For Clear Poplar, Add	*0.61*	
06 46 19 00-0006	LF	5-1/2" High White Pine Base Molding, All Dimensions Are Nominal	11.29	2.02
		For Clear Birch, Add	*1.52*	
		For Clear Mahogany, Oak, Maple Or Walnut, Add	*2.79*	
		For Stain Grade Material (No Finger Joints), Add	*0.86*	
		For Clear Poplar, Add	*0.95*	
06 46 19 00-0007	LF	3/4" x 1" Oak Base Shoe	7.29	2.26
06 46 19 00-0008	LF	3/4" x 1" White Pine Base Shoe, Stain Grade	7.05	2.26
06 46 19 00-0009	LF	3/4" x 1" White Pine Base Shoe, Paint Grade	6.51	2.26
06 46 23		**Wood Chair Rails** *(06 46)*		
06 46 23 00-0001		Chair Rails *(06 46 23)*		
06 46 23 00-0002	LF	5/8" x 2-1/2" White Pine Shaped Chair Rail	9.14	2.14
		For Birch, Add	*1.40*	
		For Mahogany, Oak, Maple Or Walnut, Add	*2.45*	
		For Poplar, Add	*0.88*	
06 46 23 00-0003	LF	5/8" x 3-1/2" White Pine Shaped Chair Rail	11.35	2.14
		For Birch, Add	*2.11*	
		For Mahogany, Oak, Maple Or Walnut, Add	*3.44*	
		For Poplar, Add	*1.32*	
06 46 23 00-0004	LF	1/2" x 1-5/8" White Pine Shaped Chair Rail	6.77	2.14
		For Birch, Add	*1.02*	
		For Mahogany, Oak, Maple Or Walnut, Add	*1.80*	
		For Poplar, Add	*0.64*	
06 46 26		**Wood Cornices** *(06 46)*		
06 46 26 00-0001		Wood Cornices *(06 46 26)*		
06 46 26 00-0002	LF	1" x 2" White Pine Cornices, All Dimensions Are Nominal	6.75	2.14
		For Birch, Add	*0.72*	
		For Mahogany, Oak, Maple, Or Walnut, Add	*1.37*	
		For Poplar, Add	*0.90*	
06 46 26 00-0003	LF	1" x 4" White Pine Cornices, All Dimensions Are Nominal	8.56	2.26
		For Birch, Add	*1.30*	
		For Mahogany, Oak, Maple, Or Walnut, Add	*2.12*	
		For Poplar, Add	*1.62*	
06 46 26 00-0004	LF	1" x 6" White Pine Cornices, All Dimensions Are Nominal	12.04	2.37
		For Birch, Add	*2.47*	
		For Mahogany, Oak, Maple, Or Walnut, Add	*3.61*	
		For Poplar, Add	*3.09*	
06 46 26 00-0005	LF	1" x 8" White Pine Cornices, All Dimensions Are Nominal	13.93	2.37
		For Birch, Add	*3.07*	
		For Mahogany, Oak, Maple, Or Walnut, Add	*4.38*	
		For Poplar, Add	*3.84*	
06 46 26 00-0006	LF	1" x 10" White Pine Cornices, All Dimensions Are Nominal	16.13	2.50
		For Birch, Add	*3.77*	
		For Mahogany, Oak, Maple, Or Walnut, Add	*5.28*	
		For Poplar, Add	*4.71*	
06 46 26 00-0007	LF	1" x 12" White Pine Cornices, All Dimensions Are Nominal	20.85	2.74
		For Birch, Add	*5.36*	
		For Mahogany, Oak, Maple, Or Walnut, Add	*7.30*	
		For Poplar, Add	*6.71*	
06 46 29		**Wood Fasciae and Soffits** *(06 46)*		
06 46 29 00-0001		Fascia Board *(06 46 29)*		
06 46 29 00-0002		Pine Fascia Board *(06 46 29 00-0001)*		
06 46 29 00-0003	LF	1" x 6" Pine Fascia Board	5.49	2.37
06 46 29 00-0004	LF	1" x 8" Pine Fascia Board	6.25	2.64
06 46 29 00-0005	LF	1" x 10" Pine Fascia Board	6.74	2.77
06 46 29 00-0006	LF	1" x 12" Pine Fascia Board	7.90	3.11
06 46 29 00-0007	LF	2" x 6" Pine Fascia Board	5.43	2.37

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 29 00-0008	LF	2" x 8" Pine Fascia Board	6.17	2.64
06 46 29 00-0009	LF	2" x 10" Pine Fascia Board	6.85	2.77
06 46 29 00-0010	LF	2" x 12" Pine Fascia Board	8.23	3.11
06 46 29 00-0011		**Cedar Fascia Board** *(06 46 29 00-0001)*		
06 46 29 00-0012	LF	1" x 6" Cedar Fascia Board	5.84	2.37
06 46 29 00-0013	LF	1" x 8" Cedar Fascia Board	6.79	2.64
06 46 29 00-0014	LF	1" x 10" Cedar Fascia Board	7.79	2.77
06 46 29 00-0015	LF	1" x 12" Cedar Fascia Board	9.36	3.11
06 46 29 00-0016		**Engineered Wood Fascia Board** *(06 46 29 00-0001)*		
06 46 29 00-0017	LF	1" x 6" Engineered Wood Fascia Board	5.29	2.37
06 46 29 00-0018	LF	1" x 8" Engineered Wood Fascia Board	5.98	2.64
06 46 29 00-0019	LF	1" x 12" Engineered Wood Fascia Board	7.26	3.11
06 46 29 00-0020		**Soffit** *(06 46 29)*		
06 46 29 00-0021		**Sanded Plywood Soffit** *(06 46 29 00-0020)*		
06 46 29 00-0022	SF	3/8" Thick, Sanded Plywood Soffit	4.71	1.80
06 46 29 00-0023	SF	1/2" Thick, Sanded Plywood Soffit	5.15	1.89
06 46 29 00-0024	SF	5/8" Thick, Sanded Plywood Soffit	5.42	1.98
06 46 29 00-0025	SF	3/4" Thick, Sanded Plywood Soffit	5.97	2.08
06 46 29 00-0026		**MDO Plywood Soffit** *(06 46 29 00-0020)*		
06 46 29 00-0027	SF	3/8" Thick, MDO Plywood Soffit	5.23	1.80
06 46 29 00-0028	SF	1/2" Thick, MDO Plywood Soffit	5.81	1.89
06 46 29 00-0029	SF	3/4" Thick, MDO Plywood Soffit	7.24	2.08
06 46 29 00-0030		**Exterior Ceiling Gypsum Board Soffit** *(06 46 29 00-0020)*		
06 46 29 00-0031	SF	1/2" Thick, Exterior Ceiling Gypsum Board Soffit	3.65	1.57
06 46 29 00-0032	SF	5/8" Thick, Fire Rated, Exterior Ceiling Gypsum Board Soffit	3.93	1.65

06 48 Wood Frames *(06 40)*

Note: Includes perimeter caulk, sealant (as required), anchors and silencers.

06 48 13 Exterior Wood Door Frames *(06 48)*

06 48 13 00-0001 Exterior Door Frames *(06 48 13)*

Note: 6'-8" and 7'-2" frames are the same price as 7' frames. Custom made with threshold, includes all trim molding, up to 8" depth.

06 48 13 00-0002	EA	3' x 7' Pine Exterior Door Frame Custom Made With Threshold And Trim	307.46	67.39
		For Birch, Add	*60.48*	
		For Mahogany, Add	*146.89*	
06 48 13 00-0003	EA	3'-6" x 7' Pine Exterior Door Frame Custom Made With Threshold And Trim	323.20	70.62
		For Birch, Add	*63.91*	
		For Mahogany, Add	*155.20*	
06 48 13 00-0004	EA	4' x 7' Pine Exterior Door Frame Custom Made With Threshold And Trim	338.95	73.38
		For Birch, Add	*67.32*	
		For Mahogany, Add	*163.50*	
06 48 13 00-0005	EA	5' x 7' Pine Exterior Door Frame Custom Made With Threshold And Trim	368.99	78.52
		For Birch, Add	*74.15*	
		For Mahogany, Add	*180.09*	
06 48 13 00-0006	EA	6' x 7' Pine Exterior Door Frame Custom Made With Threshold And Trim	399.74	84.14
		For Birch, Add	*81.00*	
		For Mahogany, Add	*196.71*	
06 48 13 00-0007	EA	3' x 7' Walnut Exterior Door Frame Custom Made With Threshold And Trim	452.67	67.63
06 48 13 00-0008	EA	3'-6" x 7' Walnut Exterior Door Frame Custom Made With Threshold And Trim	461.28	70.62
06 48 13 00-0009	EA	4' x 7' Walnut Exterior Door Frame Custom Made With Threshold And Trim	469.83	73.61
06 48 13 00-0010	EA	5' x 7' Walnut Exterior Door Frame Custom Made With Threshold And Trim	484.70	78.40
06 48 13 00-0011	EA	6' x 7' Walnut Exterior Door Frame Custom Made With Threshold And Trim	502.04	84.38
06 48 13 00-0012	EA	3' x 7' Oak Exterior Door Frame Custom Made With Threshold And Trim	357.60	67.63
06 48 13 00-0013	EA	3'-6" x 7' Oak Exterior Door Frame Custom Made With Threshold And Trim	374.79	70.62
06 48 13 00-0014	EA	4' x 7' Oak Exterior Door Frame Custom Made With Threshold And Trim	392.07	73.61
06 48 13 00-0015	EA	5' x 7' Oak Exterior Door Frame Custom Made With Threshold And Trim	424.07	78.40
06 48 13 00-0016	EA	6' x 7' Oak Exterior Door Frame Custom Made With Threshold And Trim	458.46	84.38

06 48 16 Interior Wood Door Frames *(06 48)*

06 48 16 00-0001 Interior Door Frames *(06 48 16)*

Note: 6'-8" and 7'-2" frames are the same price as 7' frames. Custom made, includes all trim molding.

06 48 16 00-0002	EA	2'-0" Or 2'-4" x 7' Pine Interior Door Frame Custom Made With Threshold And Trim	153.57	32.08
		For Oak Or Maple, Add	*27.73*	
		For Birch, Add	*31.30*	
		For Mahogany, Add	*76.02*	
		For Walnut Frame, Add	*40.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 48 16 00-0003	EA	2'-6" x 7' Pine Interior Door Frame Custom Made With Threshold And Trim	154.62	32.20
		For Oak Or Maple, Add	*27.96*	
		For Birch, Add	*31.57*	
		For Mahogany, Add	*76.66*	
		For Walnut Frame, Add	*40.59*	
06 48 16 00-0004	EA	2'-8" x 7' Pine Interior Door Frame Custom Made With Threshold And Trim	156.56	32.80
		For Oak Or Maple, Add	*28.17*	
		For Birch, Add	*31.80*	
		For Mahogany, Add	*77.24*	
		For Walnut Frame, Add	*40.89*	
06 48 16 00-0005	EA	3' x 7' Pine Interior Door Frame Custom Made With Threshold And Trim	159.10	33.63
		For Oak Or Maple, Add	*28.45*	
		For Birch, Add	*32.12*	
		For Mahogany, Add	*78.00*	
		For Walnut Frame, Add	*41.30*	
06 48 16 00-0006	EA	3'-4" x 7' Pine Interior Door Frame Custom Made With Threshold And Trim	162.77	34.47
		For Oak Or Maple, Add	*29.05*	
		For Birch, Add	*32.80*	
		For Mahogany, Add	*79.65*	
		For Walnut Frame, Add	*42.17*	
06 48 16 00-0007	EA	4' x 7' Pine Interior Door Frame Custom Made With Threshold And Trim	171.97	36.62
		For Oak Or Maple, Add	*30.58*	
		For Birch, Add	*34.53*	
		For Mahogany, Add	*83.86*	
		For Walnut Frame, Add	*44.40*	
06 48 16 00-0008	EA	5' x 7' Pine Interior Door Frame Custom Made With Threshold And Trim	182.94	39.62
		For Oak Or Maple, Add	*32.13*	
		For Birch, Add	*36.27*	
		For Mahogany, Add	*88.09*	
		For Walnut Frame, Add	*46.64*	
06 48 16 00-0009	EA	6' x 7' Pine Interior Door Frame Custom Made With Threshold And Trim	192.75	42.13
		For Oak Or Maple, Add	*33.66*	
		For Birch, Add	*38.01*	
		For Mahogany, Add	*92.30*	
		For Walnut Frame, Add	*48.87*	
06 48 16 00-0010	LF	4-9/16", Pine Interior Door Frame	7.38	2.87
		For Oak Or Maple, Add	*0.51*	
		For Birch, Add	*0.57*	
		For Mahogany, Add	*1.39*	
		For Walnut Frame, Add	*0.74*	

06 50 Structural Plastics *(06)*

06 51 Structural Plastic Shapes and Plates *(06 50)*

06 51 13 Plastic Lumber *(06 51)*

06 51 13 00-0001 Beams And Girders, Recycled Plastic Lumber *(06 51 13)*

06 51 13 00-0002	LF	2" x 6", Beam Or Girder, Recycled Plastic Lumber	11.91	1.93
		For Reinforced Structural Plastic Lumber, Add	*3.39*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.82*	
		For White Color, Add	*3.89*	
		For All Other Colors (Except Black, Brown Or White), Add	*3.30*	
06 51 13 00-0003	LF	2" x 8", Beam Or Girder, Recycled Plastic Lumber	15.17	2.09
		For Reinforced Structural Plastic Lumber, Add	*4.51*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*1.10*	
		For White Color, Add	*5.18*	
		For All Other Colors (Except Black, Brown Or White), Add	*4.38*	
06 51 13 00-0004	LF	2" x 10", Beam Or Girder, Recycled Plastic Lumber	18.14	2.26
		For Reinforced Structural Plastic Lumber, Add	*5.52*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*1.34*	
		For White Color, Add	*6.34*	
		For All Other Colors (Except Black, Brown Or White), Add	*5.37*	
06 51 13 00-0005	LF	3" x 10", Beam Or Girder, Recycled Plastic Lumber	26.43	2.68
		For Reinforced Structural Plastic Lumber, Add	*8.37*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*2.03*	
		For White Color, Add	*9.61*	
		For All Other Colors (Except Black, Brown Or White), Add	*8.14*	
06 51 13 00-0006	LF	3" x 12", Beam Or Girder, Recycled Plastic Lumber	31.63	3.01
		For Reinforced Structural Plastic Lumber, Add	*10.11*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*2.46*	
		For White Color, Add	*11.61*	
		For All Other Colors (Except Black, Brown Or White), Add	*9.84*	
06 51 13 00-0007	LF	4" x 4", Beam Or Girder, Recycled Plastic Lumber	17.16	2.60
		For Reinforced Structural Plastic Lumber, Add	*4.98*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*1.21*	
		For White Color, Add	*5.72*	
		For All Other Colors (Except Black, Brown Or White), Add	*4.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 51 13 00-0008	LF	4" x 6", Beam Or Girder, Recycled Plastic Lumber	23.05	2.77
		For Reinforced Structural Plastic Lumber, Add	*7.07*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*1.72*	
		For White Color, Add	*8.12*	
		For All Other Colors (Except Black, Brown Or White), Add	*6.88*	
06 51 13 00-0009	LF	5" x 5", Beam Or Girder, Recycled Plastic Lumber	24.00	2.85
		For Reinforced Structural Plastic Lumber, Add	*7.37*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*1.79*	
		For White Color, Add	*8.47*	
		For All Other Colors (Except Black, Brown Or White), Add	*7.17*	
06 51 13 00-0010	LF	6" x 6", Beam Or Girder, Recycled Plastic Lumber	33.02	3.10
		For Reinforced Structural Plastic Lumber, Add	*10.58*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*2.57*	
		For White Color, Add	*12.15*	
		For All Other Colors (Except Black, Brown Or White), Add	*10.29*	
06 51 13 00-0011	LF	6" x 8", Beam Or Girder, Recycled Plastic Lumber	44.96	3.27
		For Reinforced Structural Plastic Lumber, Add	*14.90*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*3.63*	
		For White Color, Add	*17.12*	
		For All Other Colors (Except Black, Brown Or White), Add	*14.50*	

06 51 13 00-0012 Joists, Recycled Plastic Lumber *(06 51 13)*

06 51 13 00-0013	LF	2" x 4", Joist, Recycled Plastic Lumber	7.74	1.08
		For Reinforced Structural Plastic Lumber, Add	*2.29*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.56*	
		For White Color, Add	*2.63*	
		For All Other Colors (Except Black, Brown Or White), Add	*2.22*	
06 51 13 00-0014	LF	2" x 6", Joist, Recycled Plastic Lumber	10.72	1.14
		For Reinforced Structural Plastic Lumber, Add	*3.39*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.82*	
		For White Color, Add	*3.89*	
		For All Other Colors (Except Black, Brown Or White), Add	*3.30*	
06 51 13 00-0015	LF	2" x 8", Joist, Recycled Plastic Lumber	13.98	1.26
		For Reinforced Structural Plastic Lumber, Add	*4.51*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*1.10*	
		For White Color, Add	*5.18*	
		For All Other Colors (Except Black, Brown Or White), Add	*4.38*	
06 51 13 00-0016	LF	2" x 10", Joist, Recycled Plastic Lumber	17.06	1.51
		For Reinforced Structural Plastic Lumber, Add	*5.52*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*1.34*	
		For White Color, Add	*6.34*	
		For All Other Colors (Except Black, Brown Or White), Add	*5.37*	
06 51 13 00-0017	LF	3" x 10", Joist, Recycled Plastic Lumber	25.13	1.76
		For Reinforced Structural Plastic Lumber, Add	*8.37*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*2.03*	
		For White Color, Add	*9.61*	
		For All Other Colors (Except Black, Brown Or White), Add	*8.14*	
06 51 13 00-0018	LF	3" x 12", Joist, Recycled Plastic Lumber	30.56	2.26
		For Reinforced Structural Plastic Lumber, Add	*10.11*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*2.46*	
		For White Color, Add	*11.61*	
		For All Other Colors (Except Black, Brown Or White), Add	*9.84*	
06 51 13 00-0019	LF	4" x 4", Joist, Recycled Plastic Lumber	15.72	1.59
		For Reinforced Structural Plastic Lumber, Add	*4.98*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*1.21*	
		For White Color, Add	*5.72*	
		For All Other Colors (Except Black, Brown Or White), Add	*4.84*	
06 51 13 00-0020	LF	4" x 6", Joist, Recycled Plastic Lumber	21.49	1.67
		For Reinforced Structural Plastic Lumber, Add	*7.07*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*1.72*	
		For White Color, Add	*8.12*	
		For All Other Colors (Except Black, Brown Or White), Add	*6.88*	
06 51 13 00-0021	LF	5" x 5", Joist, Recycled Plastic Lumber	22.55	1.85
		For Reinforced Structural Plastic Lumber, Add	*7.37*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*1.79*	
		For White Color, Add	*8.47*	
		For All Other Colors (Except Black, Brown Or White), Add	*7.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 51 13 00-0022	LF	6" x 6", Joist, Recycled Plastic Lumber	31.58	2.09
		For Reinforced Structural Plastic Lumber, Add	*10.58*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*2.57*	
		For White Color, Add	*12.15*	
		For All Other Colors (Except Black, Brown Or White), Add	*10.29*	
06 51 13 00-0023	LF	6" x 8", Joist, Recycled Plastic Lumber	43.52	2.26
		For Reinforced Structural Plastic Lumber, Add	*14.90*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*3.63*	
		For White Color, Add	*17.12*	
		For All Other Colors (Except Black, Brown Or White), Add	*14.50*	
06 51 13 00-0024		**Columns, Recycled Plastic Lumber** *(06 51 13)*		
06 51 13 00-0025	LF	4" x 4", Column, Recycled Plastic Lumber	18.36	3.44
		For Reinforced Structural Plastic Lumber, Add	*4.98*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*1.21*	
		For White Color, Add	*5.72*	
		For All Other Colors (Except Black, Brown Or White), Add	*4.84*	
06 51 13 00-0026	LF	4" x 6", Column, Recycled Plastic Lumber	26.04	4.86
		For Reinforced Structural Plastic Lumber, Add	*7.07*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*1.72*	
		For White Color, Add	*8.12*	
		For All Other Colors (Except Black, Brown Or White), Add	*6.88*	
06 51 13 00-0027	LF	5" x 5", Column, Recycled Plastic Lumber	27.70	5.45
		For Reinforced Structural Plastic Lumber, Add	*7.37*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*1.79*	
		For White Color, Add	*8.47*	
		For All Other Colors (Except Black, Brown Or White), Add	*7.17*	
06 51 13 00-0028	LF	6" x 6", Column, Recycled Plastic Lumber	37.45	6.20
		For Reinforced Structural Plastic Lumber, Add	*10.58*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*2.57*	
		For White Color, Add	*12.15*	
		For All Other Colors (Except Black, Brown Or White), Add	*10.29*	
06 51 13 00-0029	LF	6" x 8", Column, Recycled Plastic Lumber	51.18	7.63
		For Reinforced Structural Plastic Lumber, Add	*14.90*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*3.63*	
		For White Color, Add	*17.12*	
		For All Other Colors (Except Black, Brown Or White), Add	*14.50*	
06 51 13 00-0030		**Walls, Recycled Plastic Lumber** *(06 51 13)*		
06 51 13 00-0031	LF	2" x 3", Walls, Recycled Plastic Lumber	6.96	1.08
		For Reinforced Structural Plastic Lumber, Add	*2.00*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.49*	
		For White Color, Add	*2.30*	
		For All Other Colors (Except Black, Brown Or White), Add	*1.94*	
06 51 13 00-0032	LF	2" x 4", Walls, Recycled Plastic Lumber	7.98	1.26
		For Reinforced Structural Plastic Lumber, Add	*2.29*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.56*	
		For White Color, Add	*2.63*	
		For All Other Colors (Except Black, Brown Or White), Add	*2.22*	
06 51 13 00-0033	LF	2" x 6", Walls, Recycled Plastic Lumber	11.08	1.34
		For Reinforced Structural Plastic Lumber, Add	*3.39*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.82*	
		For White Color, Add	*3.89*	
		For All Other Colors (Except Black, Brown Or White), Add	*3.30*	
06 51 13 00-0034	LF	2" x 8", Walls, Recycled Plastic Lumber	14.21	1.42
		For Reinforced Structural Plastic Lumber, Add	*4.51*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*1.10*	
		For White Color, Add	*5.18*	
		For All Other Colors (Except Black, Brown Or White), Add	*4.38*	
06 51 13 00-0035		**Other Shapes, Recycled Plastic Lumber** *(06 51 13)*		
06 51 13 00-0036	LF	5/4" x 4", Other Shapes, Recycled Plastic Lumber	6.78	0.95
		For Reinforced Structural Plastic Lumber, Add	*1.97*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.48*	
		For White Color, Add	*2.26*	
		For All Other Colors (Except Black, Brown Or White), Add	*1.92*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 51 13 00-0037	LF	5/4" x 6", Other Shapes, Recycled Plastic Lumber	8.60	1.08
		For Reinforced Structural Plastic Lumber, Add	*2.61*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.63*	
		For White Color, Add	*3.00*	
		For All Other Colors (Except Black, Brown Or White), Add	*2.54*	
06 51 13 00-0038	LF	5/4" x 8", Recycled Plastic Lumber	11.24	1.08
		For Reinforced Structural Plastic Lumber, Add	*3.59*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.87*	
		For White Color, Add	*4.12*	
		For All Other Colors (Except Black, Brown Or White), Add	*3.49*	
06 51 13 00-0039	LF	1" x 4", Other Shapes, Recycled Plastic Lumber	6.82	0.95
		For Reinforced Structural Plastic Lumber, Add	*1.98*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.48*	
		For White Color, Add	*2.28*	
		For All Other Colors (Except Black, Brown Or White), Add	*1.93*	
06 51 13 00-0040	LF	1" x 6", Other Shapes, Recycled Plastic Lumber	7.53	1.08
		For Reinforced Structural Plastic Lumber, Add	*2.21*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.54*	
		For White Color, Add	*2.54*	
		For All Other Colors (Except Black, Brown Or White), Add	*2.15*	
06 51 13 00-0041	LF	1" x 6", Tongue And Grooved, Other Shapes, Recycled Plastic Lumber	7.67	1.08
		For Reinforced Structural Plastic Lumber, Add	*2.26*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.55*	
		For White Color, Add	*2.60*	
		For All Other Colors (Except Black, Brown Or White), Add	*2.20*	
06 51 13 00-0042	LF	2" x 2", Other Shapes, Recycled Plastic Lumber	4.73	0.92
		For Reinforced Structural Plastic Lumber, Add	*1.26*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.31*	
		For White Color, Add	*1.45*	
		For All Other Colors (Except Black, Brown Or White), Add	*1.23*	
06 51 13 00-0043	LF	2" x 3", Other Shapes, Recycled Plastic Lumber	6.96	1.08
		For Reinforced Structural Plastic Lumber, Add	*2.00*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.49*	
		For White Color, Add	*2.30*	
		For All Other Colors (Except Black, Brown Or White), Add	*1.94*	
06 51 13 00-0044	LF	2" x 4", Other Shapes, Recycled Plastic Lumber	7.98	1.26
		For Reinforced Structural Plastic Lumber, Add	*2.29*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.56*	
		For White Color, Add	*2.63*	
		For All Other Colors (Except Black, Brown Or White), Add	*2.22*	
06 51 13 00-0045	LF	2" x 6", Other Shapes, Recycled Plastic Lumber	11.08	1.34
		For Reinforced Structural Plastic Lumber, Add	*3.39*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.82*	
		For White Color, Add	*3.89*	
		For All Other Colors (Except Black, Brown Or White), Add	*3.30*	
06 51 13 00-0046	LF	2" x 8", Other Shapes, Recycled Plastic Lumber	14.21	1.42
		For Reinforced Structural Plastic Lumber, Add	*4.51*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*1.10*	
		For White Color, Add	*5.18*	
		For All Other Colors (Except Black, Brown Or White), Add	*4.38*	
06 51 13 00-0047	LF	2" x 10", Other Shapes, Recycled Plastic Lumber	17.06	1.51
		For Reinforced Structural Plastic Lumber, Add	*5.52*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*1.34*	
		For White Color, Add	*6.34*	
		For All Other Colors (Except Black, Brown Or White), Add	*5.37*	
06 51 13 00-0048	LF	2" x 12", Other Shapes, Recycled Plastic Lumber	20.60	1.59
		For Reinforced Structural Plastic Lumber, Add	*6.79*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*1.65*	
		For White Color, Add	*7.79*	
		For All Other Colors (Except Black, Brown Or White), Add	*6.60*	
06 51 13 00-0049	LF	3" x 4", Other Shapes, Recycled Plastic Lumber	11.40	1.47
		For Reinforced Structural Plastic Lumber, Add	*3.44*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.84*	
		For White Color, Add	*3.95*	
		For All Other Colors (Except Black, Brown Or White), Add	*3.35*	
06 51 13 00-0050	LF	3" x 6", Other Shapes, Recycled Plastic Lumber	16.65	1.57
		For Reinforced Structural Plastic Lumber, Add	*5.34*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*1.30*	
		For White Color, Add	*6.13*	
		For All Other Colors (Except Black, Brown Or White), Add	*5.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 51 13 00-0051	LF	3" x 8", Other Shapes, Recycled Plastic Lumber	21.66	1.67
		For Reinforced Structural Plastic Lumber, Add	*7.14*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*1.74*	
		For White Color, Add	*8.20*	
		For All Other Colors (Except Black, Brown Or White), Add	*6.94*	
06 51 13 00-0052	LF	3" x 10", Other Shapes, Recycled Plastic Lumber	25.13	1.76
		For Reinforced Structural Plastic Lumber, Add	*8.37*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*2.03*	
		For White Color, Add	*9.61*	
		For All Other Colors (Except Black, Brown Or White), Add	*8.14*	
06 51 13 00-0053	LF	3" x 12", Other Shapes, Recycled Plastic Lumber	30.56	2.26
		For Reinforced Structural Plastic Lumber, Add	*10.11*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*2.46*	
		For White Color, Add	*11.61*	
		For All Other Colors (Except Black, Brown Or White), Add	*9.84*	
06 51 13 00-0054	LF	4" x 4", Other Shapes, Recycled Plastic Lumber	15.72	1.59
		For Reinforced Structural Plastic Lumber, Add	*4.98*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*1.21*	
		For White Color, Add	*5.72*	
		For All Other Colors (Except Black, Brown Or White), Add	*4.84*	
06 51 13 00-0055	LF	4" x 6", Other Shapes, Recycled Plastic Lumber	21.49	1.67
		For Reinforced Structural Plastic Lumber, Add	*7.07*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*1.72*	
		For White Color, Add	*8.12*	
		For All Other Colors (Except Black, Brown Or White), Add	*6.88*	
06 51 13 00-0056	LF	4" x 8", Other Shapes, Recycled Plastic Lumber	28.86	1.82
		For Reinforced Structural Plastic Lumber, Add	*9.72*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*2.36*	
		For White Color, Add	*11.16*	
		For All Other Colors (Except Black, Brown Or White), Add	*9.46*	
06 51 13 00-0057	LF	5" x 5", Other Shapes, Recycled Plastic Lumber	22.55	1.85
		For Reinforced Structural Plastic Lumber, Add	*7.37*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*1.79*	
		For White Color, Add	*8.47*	
		For All Other Colors (Except Black, Brown Or White), Add	*7.17*	
06 51 13 00-0058	LF	6" x 6", Other Shapes, Recycled Plastic Lumber	31.58	2.09
		For Reinforced Structural Plastic Lumber, Add	*10.58*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*2.57*	
		For White Color, Add	*12.15*	
		For All Other Colors (Except Black, Brown Or White), Add	*10.29*	
06 51 13 00-0059	LF	6" x 8", Other Shapes, Recycled Plastic Lumber	43.52	2.26
		For Reinforced Structural Plastic Lumber, Add	*14.90*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*3.63*	
		For White Color, Add	*17.12*	
		For All Other Colors (Except Black, Brown Or White), Add	*14.50*	
06 51 13 00-0060	LF	6" x 12", Other Shapes, Recycled Plastic Lumber	61.39	2.52
		For Reinforced Structural Plastic Lumber, Add	*21.39*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*5.20*	
		For White Color, Add	*24.57*	
		For All Other Colors (Except Black, Brown Or White), Add	*20.81*	
06 51 13 00-0061	LF	8" x 8", Other Shapes, Recycled Plastic Lumber	54.61	2.41
		For Reinforced Structural Plastic Lumber, Add	*18.93*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*4.60*	
		For White Color, Add	*21.74*	
		For All Other Colors (Except Black, Brown Or White), Add	*18.42*	
06 51 13 00-0062	LF	8" x 10", Other Shapes, Recycled Plastic Lumber	93.15	2.52
		For Reinforced Structural Plastic Lumber, Add	*33.14*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*8.06*	
		For White Color, Add	*38.06*	
		For All Other Colors (Except Black, Brown Or White), Add	*32.24*	
06 51 13 00-0063	LF	10" x 10", Other Shapes, Recycled Plastic Lumber	129.16	2.64
		For Reinforced Structural Plastic Lumber, Add	*46.41*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*11.29*	
		For White Color, Add	*53.30*	
		For All Other Colors (Except Black, Brown Or White), Add	*45.15*	
06 51 13 00-0064	LF	2" Diameter, Other Shapes, Recycled Plastic Lumber	5.06	0.84
		For Reinforced Structural Plastic Lumber, Add	*1.43*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*0.35*	
		For White Color, Add	*1.64*	
		For All Other Colors (Except Black, Brown Or White), Add	*1.39*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 51 13 00-0065	LF	3-1/2" Diameter, Other Shapes, Recycled Plastic Lumber	14.42	1.08
		For Reinforced Structural Plastic Lumber, Add	*4.76*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*1.16*	
		For White Color, Add	*5.47*	
		For All Other Colors (Except Black, Brown Or White), Add	*4.63*	
06 51 13 00-0066	LF	4" Diameter, Other Shapes, Recycled Plastic Lumber	15.91	1.26
		For Reinforced Structural Plastic Lumber, Add	*5.22*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*1.27*	
		For White Color, Add	*6.00*	
		For All Other Colors (Except Black, Brown Or White), Add	*5.08*	
06 51 13 00-0067	LF	5" Diameter, Other Shapes, Recycled Plastic Lumber	19.69	1.51
		For Reinforced Structural Plastic Lumber, Add	*6.49*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*1.58*	
		For White Color, Add	*7.45*	
		For All Other Colors (Except Black, Brown Or White), Add	*6.31*	
06 51 13 00-0068	LF	6" Diameter, Other Shapes, Recycled Plastic Lumber	43.44	1.76
		For Reinforced Structural Plastic Lumber, Add	*15.14*	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	*3.68*	
		For White Color, Add	*17.39*	
		For All Other Colors (Except Black, Brown Or White), Add	*14.73*	
06 51 13 00-0069	SF	1/8" Thick, Other Shapes, Recycled Plastic Sheeting	4.12	0.92
06 51 13 00-0070	SF	1/4" Thick, Other Shapes, Recycled Plastic Sheeting	5.98	0.95
06 51 13 00-0071	SF	3/8" Thick, Other Shapes, Recycled Plastic Sheeting	8.62	1.01
06 51 13 00-0072	SF	1/2" Thick, Other Shapes, Recycled Plastic Sheeting	10.94	1.06

06 52 Plastic Structural Assemblies *(06 50)*

06 52 13 Plastic Columns *(06 52)*

06 52 13 00-0001 Round Fiberglass Columns *(06 52 13)*

06 52 13 00-0002	LF	6" Diameter, Round Fiberglass Column	22.01	8.50
06 52 13 00-0003	LF	8" Diameter, Round Fiberglass Column	31.30	12.37
06 52 13 00-0004	LF	10" Diameter, Round Fiberglass Column	36.05	13.92
06 52 13 00-0005	LF	12" Diameter, Round Fiberglass Column	42.80	14.56
06 52 13 00-0006	LF	15" Diameter, Round Fiberglass Column	51.64	16.81
06 52 13 00-0007	EA	6" Diameter, Base And Cap For Round Fiberglass Columns	42.17	16.11
06 52 13 00-0008	EA	8" Diameter, Base And Cap For Round Fiberglass Columns	46.43	17.39
06 52 13 00-0009	EA	10" Diameter, Base And Cap For Round Fiberglass Columns	53.96	19.32
06 52 13 00-0010	EA	12" Diameter, Base And Cap For Round Fiberglass Columns	70.62	20.61
06 52 13 00-0011	EA	15" Diameter, Base And Cap For Round Fiberglass Columns	92.19	22.55

06 52 13 00-0012 Fluted Fiberglass Columns *(06 52 13)*

06 52 13 00-0013	LF	6" Diameter, Fluted Fiberglass Column	22.99	8.50
06 52 13 00-0014	LF	8" Diameter, Fluted Fiberglass Column	32.60	12.37
06 52 13 00-0015	LF	10" Diameter, Fluted Fiberglass Column	37.69	13.92
06 52 13 00-0016	LF	12" Diameter, Fluted Fiberglass Column	45.56	14.56
06 52 13 00-0017	LF	15" Diameter, Fluted Fiberglass Column	55.24	16.88
06 52 13 00-0018	EA	6" Diameter, Base And Cap For Fluted Fiberglass Columns	44.16	16.11
06 52 13 00-0019	EA	8" Diameter, Base And Cap For Fluted Fiberglass Columns	48.76	17.39
06 52 13 00-0020	EA	10" Diameter, Base And Cap For Fluted Fiberglass Columns	57.02	19.32
06 52 13 00-0021	EA	12" Diameter, Base And Cap For Fluted Fiberglass Columns	76.50	20.61
06 52 13 00-0022	EA	15" Diameter, Base And Cap For Fluted Fiberglass Columns	101.61	22.55

06 52 13 00-0023 Ornamental Or Decorative Cap And Base For Fiberglass Columns *(06 52 13)*

06 52 13 00-0024	EA	8" Roman Ionic Cap And Base For Fiberglass Columns	143.97	19.32
06 52 13 00-0025	EA	10" Roman Ionic Cap And Base For Fiberglass Columns	189.74	22.55
06 52 13 00-0026	EA	12" Roman Ionic Cap And Base For Fiberglass Columns	240.84	25.77
06 52 13 00-0027	EA	8" Scamozzi Cap And Base For Fiberglass Columns	168.64	19.32
06 52 13 00-0028	EA	10" Scamozzi Cap And Base For Fiberglass Columns	202.40	22.55
06 52 13 00-0029	EA	12" Scamozzi Cap And Base For Fiberglass Columns	290.16	25.77
06 52 13 00-0030	EA	8" Corinthian Cap And Base For Fiberglass Columns	208.63	19.32
06 52 13 00-0031	EA	10" Corinthian Cap And Base For Fiberglass Columns	252.39	22.55
06 52 13 00-0032	EA	12" Corinthian Cap And Base For Fiberglass Columns	331.49	25.77
06 52 13 00-0033	EA	8" Temple Of Winds Cap And Base For Fiberglass Columns	145.97	19.32
06 52 13 00-0034	EA	10" Temple Of Winds Cap And Base For Fiberglass Columns	193.74	22.55
06 52 13 00-0035	EA	12" Temple Of Winds Cap And Base For Fiberglass Columns	244.84	25.77
06 52 13 00-0036	EA	8" Greek Erectheum Cap And Base For Fiberglass Columns	145.97	19.32
06 52 13 00-0037	EA	10" Greek Erectheum Cap And Base For Fiberglass Columns	175.08	22.55
06 52 13 00-0038	EA	12" Greek Erectheum Cap And Base For Fiberglass Columns	228.17	25.77

06 53 Plastic Decking *(06 50)*

06 53 16 Plastic Stair Treads *(06 53)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 53 16 00-0001		**Fiberglass Reinforced Plastic Stair Treads** *(06 53 16)* Note: Includes standard colors and anchors. Excludes stringers.		
06 53 16 00-0002	LF	1" Thick, 12" Wide, Fiberglass Reinforced Plastic Stair Tread With Safety Nosing, Excluding Stringer	48.14	3.33
06 53 16 00-0003	LF	1-1/2" Thick, 12" Wide, Fiberglass Reinforced Plastic Stair Tread With Safety Nosing, Excluding Stringer	65.15	4.00
06 53 16 00-0004	LF	2" Thick, 12" Wide, Fiberglass Reinforced Plastic Stair Tread With Safety Nosing, Excluding Stringer	89.62	4.41

06 60 Plastic Fabrications *(06)*

06 65 Plastic Trim *(06 60)*

06 65 00 00-0001		**Plastic Moldings** *(06 65)* Note: All dimensions are nominal.		
06 65 00 00-0002		**Base, Plastic Moldings** *(06 65 00 00-0001)*		
06 65 00 00-0003	LF	3-1/2" High, Base, Plastic Molding	6.55	2.37
06 65 00 00-0004	LF	4-1/2" High, Base, Plastic Molding	8.01	2.98
06 65 00 00-0005	LF	3/4" x 1", Base Shoe, Plastic Molding	6.18	2.50
06 65 00 00-0006		**Cornice, Plastic Moldings** *(06 65 00 00-0001)*		
06 65 00 00-0007	LF	1" x 2" Cornice, Plastic Molding	6.09	2.37
06 65 00 00-0008	LF	1" x 4" Cornice, Plastic Molding	7.37	2.50
06 65 00 00-0009	LF	1" x 6" Cornice, Plastic Molding	9.77	2.62
06 65 00 00-0010	LF	1" x 8" Cornice, Plastic Molding	11.11	2.74
06 65 00 00-0011	LF	1" x 10" Cornice, Plastic Molding	12.66	2.86
06 65 00 00-0012	LF	1" x 12" Cornice, Plastic Molding	15.92	2.98
06 65 00 00-0013		**Crown Or Bed, Plastic Moldings** *(06 65 00 00-0001)*		
06 65 00 00-0014	LF	9/16" x 1-5/8" Crown Or Bed, Plastic Molding	10.11	2.37
06 65 00 00-0015	LF	9/16" x 2-1/4" Crown Or Bed, Plastic Molding	13.45	2.98
06 65 00 00-0016	LF	9/16" x 3-1/2" Crown Or Bed, Plastic Molding	13.96	2.98
06 65 00 00-0017	LF	9/16" x 3-5/8" Crown Or Bed, Plastic Molding	14.48	2.98
06 65 00 00-0018	LF	5/8" x 4-1/4" Crown Or Bed, Plastic Molding	18.74	3.57
06 65 00 00-0019	LF	11/16" x 4-5/8" Crown Or Bed, Plastic Molding	21.94	3.57
06 65 00 00-0020		**Dentil, Plastic Moldings** *(06 65 00 00-0001)*		
06 65 00 00-0021	LF	11/16" x 1-3/8" Dentil, Plastic Molding	8.75	2.37
06 65 00 00-0022	LF	5/8" x 2-1/2" Dentil, Plastic Molding	9.72	2.37
06 65 00 00-0023	LF	1-3/8" x 3-3/8" Dentil, Plastic Molding	11.92	2.37
06 65 00 00-0024	LF	1-1/2" x 4-1/2" Dentil, Plastic Molding	15.72	2.37
06 65 00 00-0025		**Cove, Plastic Moldings** *(06 65 00 00-0001)*		
06 65 00 00-0026	LF	3/8" x 3/8" Cove, Plastic Molding	3.48	1.31
06 65 00 00-0027	LF	1/2" x 1/2" Cove, Plastic Molding	3.74	1.31
06 65 00 00-0028	LF	5/8" x 5/8" Cove, Plastic Molding	4.87	1.55
06 65 00 00-0029	LF	3/4" x 3/4" Cove, Plastic Molding	4.87	1.55
06 65 00 00-0030	LF	15/16" x 15/16" Cove, Plastic Molding	6.01	1.55
06 65 00 00-0031	LF	9/16" x 1-3/4" Cove, Plastic Molding	7.79	1.78
06 65 00 00-0032	LF	11/16" x 2-3/4" Cove, Plastic Molding	10.20	1.78
06 65 00 00-0033		**Chair Rail, Plastic Moldings** *(06 65 00 00-0001)*		
06 65 00 00-0034	LF	1/2" x 1-5/8" Chair Rail, Plastic Molding	5.71	1.78
06 65 00 00-0035	LF	5/8" x 2-1/2" Chair Rail, Plastic Molding	7.69	2.37
06 65 00 00-0036	LF	5/8" x 3-1/2" Chair Rail, Plastic Molding	9.17	2.37
06 65 00 00-0037		**Door, Plastic Moldings** *(06 65 00 00-0001)*		
06 65 00 00-0038	LF	1-1/8" Wide, Door, Plastic Molding	5.16	2.14
06 65 00 00-0039	LF	1-1/8" Wide, Detailed Door, Plastic Molding	5.19	2.14
06 65 00 00-0040		**Trim, Plastic Moldings** *(06 65 00 00-0001)*		
06 65 00 00-0041	LF	1/2" x 1/2" Quarter Round Trim, Plastic Molding	5.52	2.50
06 65 00 00-0042	LF	3/4" x 3/4" Quarter Round Trim, Plastic Molding	7.87	2.50
06 65 00 00-0043	LF	1-1/4" x 2" Brick Mould, Plastic Molding	6.95	2.37
06 65 00 00-0044	LF	1-17/32" x 1-1/2" x 1-3/8" Sill Nose, Plastic Molding	7.98	2.37
06 65 00 00-0045	LF	11/16" x 1-5/8" Drip Cap, Plastic Molding	5.96	2.37
06 65 00 00-0046	LF	2-3/4" x 2" Water Table, Plastic Molding	8.73	2.37
06 65 00 00-0047	LF	3/8" x 2" Garage Door Stop, Plastic Molding	6.52	2.37
06 65 00 00-0048		**Extruded Polyvinyl Chloride (PVC) Trimboard** *(06 65)* Note: As manufactured by Azek or Kleer. All dimensions are nominal.		
06 65 00 00-0049	LF	1" x 4" Extruded Polyvinyl Chloride (PVC) Trimboard	4.17	0.96

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 65 00 00-0050	LF	1" x 6" Extruded Polyvinyl Chloride (PVC) Trimboard	5.93	1.07
06 65 00 00-0051	LF	1" x 8" Extruded Polyvinyl Chloride (PVC) Trimboard	7.75	1.19
06 65 00 00-0052	LF	1" x 10" Extruded Polyvinyl Chloride (PVC) Trimboard	9.32	1.22
06 65 00 00-0053	LF	1" x 12" Extruded Polyvinyl Chloride (PVC) Trimboard	11.04	1.25
06 65 00 00-0054	LF	5/4" x 4" Extruded Polyvinyl Chloride (PVC) Trimboard	5.09	0.96
06 65 00 00-0055	LF	5/4" x 6" Extruded Polyvinyl Chloride (PVC) Trimboard	7.35	1.07
06 65 00 00-0056	LF	5/4" x 8" Extruded Polyvinyl Chloride (PVC) Trimboard	9.33	1.19
06 65 00 00-0057	LF	5/4" x 10" Extruded Polyvinyl Chloride (PVC) Trimboard	11.48	1.22
06 65 00 00-0058	LF	5/4" x 12" Extruded Polyvinyl Chloride (PVC) Trimboard	13.45	1.25
06 65 00 00-0059	LF	3-1/2" x 3-1/2" Extruded Polyvinyl Chloride (PVC) Corner Board	10.98	1.22
06 65 00 00-0060	LF	5-1/2" x 5-1/2" Extruded Polyvinyl Chloride (PVC) Corner Board	14.53	1.25
06 65 00 00-0061	SF	1/2" Smooth/Wood Grain Reversible Extruded Polyvinyl Chloride (PVC) Sheets	7.71	1.07
06 65 00 00-0062	SF	3/4" Smooth/Wood Grain Reversible Extruded Polyvinyl Chloride (PVC) Sheets	11.07	1.19

06 70 Structural Composites *(06)*

06 74 Composite Gratings *(06 70)*

06 74 13 Fiberglass Reinforced Gratings *(06 74)*

06 74 13 00-0001 Molded Fiberglass Gratings And Coverings *(06 74 13)*

06 74 13 00-0002 Vi-Corr Resin System *(06 74 13 00-0001)*

Note: Orange or dark gray.

06 74 13 00-0003	SF	1" Molded Fiberglass Grate, 1" x 4" Mesh, Vi-Corr Resin, Meniscus Top	47.48	2.40
06 74 13 00-0004	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, Vi-Corr Resin, Meniscus Top	46.13	2.40
06 74 13 00-0005	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, Vi-Corr Resin, Meniscus Top	60.04	2.40
06 74 13 00-0006	SF	2" Molded Fiberglass Grate, 2" x 2" Mesh, Vi-Corr Resin, Meniscus Top	65.11	3.07
06 74 13 00-0007	SF	1" Molded Fiberglass Grating, 1" x 4" Mesh, Vi-Corr Resin, Applied Grit Top	49.80	2.40
06 74 13 00-0008	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, Vi-Corr Resin, Applied Grit Top	48.40	2.40
06 74 13 00-0009	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, Vi-Corr Resin, Applied Grit Top	63.39	2.40
06 74 13 00-0010	SF	2" Molded Fiberglass Grating, 2" x 2" Mesh, Vi-Corr Resin, Applied Grit Top	68.27	3.07
06 74 13 00-0011	SF	1/4" Vi-Corr Resin Polyester Resin, Fiberplate Covering	44.90	1.92
06 74 13 00-0012	SF	1/2" Vi-Corr Resin Polyester Resin, Fiberplate Covering	72.53	2.11
06 74 13 00-0013	SF	3/4 Vi-Corr Resin Polyester Resin, Fiberplate Covering	99.25	2.32

06 74 13 00-0014 IFR Fire Retardant Isophthalic Resin *(06 74 13 00-0001)*

06 74 13 00-0015	SF	1" Molded Fiberglass Grate, 1" x 4" Mesh, IFR Fire Retardant Isophthalic Resin, Meniscus Top	43.71	2.40
06 74 13 00-0016	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, IFR Fire Retardant Isophthalic Resin, Meniscus Top	40.97	2.40
06 74 13 00-0017	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, IFR Fire Retardant Isophthalic Resin, Meniscus Top	52.57	2.40
06 74 13 00-0018	SF	2" Molded Fiberglass Grating, 2" x 2" Mesh, IFR Fire Retardant Isophthalic Resin, Meniscus Top	56.82	3.07
06 74 13 00-0019	SF	1" Molded Fiberglass Grating, 1" x 4" Mesh, IFR Fire Retardant Isophthalic Resin, Applied Grit Top	45.61	2.40
06 74 13 00-0020	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, IFR Fire Retardant Isophthalic Resin, Applied Grit Top	42.05	2.40
06 74 13 00-0021	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, IFR Fire Retardant Isophthalic Resin, Applied Grit Top	57.23	3.07
06 74 13 00-0022	SF	2" Molded Fiberglass Grating, 2" x 2" Mesh, IFR Fire Retardant Isophthalic Resin, Applied Grit Top	59.95	3.07
06 74 13 00-0023	SF	1/4" IFR Fire Retardant Isophthalic Resin Polyester Resin, Fiberplate Covering	39.63	1.92
06 74 13 00-0024	SF	1/2" IFR Fire Retardant Isophthalic Resin Polyester Resin, Fiberplate Covering	55.98	2.11
06 74 13 00-0025	SF	3/4" IFR Fire Retardant Isophthalic Resin Polyester Resin, Fiberplate Covering	76.76	2.32

06 74 13 00-0026 Corvex Polyester Resin *(06 74 13 00-0001)*

Note: Dark gray.

06 74 13 00-0027	SF	1" Molded Fiberglass Grate, 1" x 4" Mesh, Corvex Polyester Resin, Meniscus Top	37.17	2.40
06 74 13 00-0028	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, Corvex Polyester Resin, Meniscus Top	35.72	2.40
06 74 13 00-0029	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, Corvex Polyester Resin, Meniscus Top	43.19	2.40
06 74 13 00-0030	SF	2" Molded Fiberglass Grating, 2" x 2" Mesh, Corvex Polyester Resin, Meniscus Top	49.71	3.07
06 74 13 00-0031	SF	1" Molded Fiberglass Grating, 1" x 4" Mesh, Corvex Polyester Resin, Applied Grit Top	39.57	2.40
06 74 13 00-0032	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, Corvex Polyester Resin, Applied Grit Top	38.11	2.40
06 74 13 00-0033	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, Corvex Polyester Resin, Applied Grit Top	45.98	2.40
06 74 13 00-0034	SF	2" Molded Fiberglass Grating, 2" x 2" Mesh, Corvex Polyester Resin, Applied Grit Top	52.10	3.07
06 74 13 00-0035	SF	1/4" Corvex Polyester Resin, Fiberplate Covering	35.04	1.92
06 74 13 00-0036	SF	1/2" Corvex Polyester Resin, Fiberplate Covering	55.73	2.11
06 74 13 00-0037	SF	3/4" Corvex Polyester Resin, Fiberplate Covering	77.16	2.32

06 74 13 00-0038 XFR Extra Fire Retardant *(06 74 13 00-0001)*

06 74 13 00-0039	SF	1" Molded Fiberglass Grate, 1" x 4" Mesh, XFR Extra Fire Retardant, Meniscus Top	54.44	2.40
06 74 13 00-0040	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, XFR Extra Fire Retardant, Meniscus Top	52.87	2.40
06 74 13 00-0041	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, XFR Extra Fire Retardant, Meniscus Top	72.18	2.40
06 74 13 00-0042	SF	2" Molded Fiberglass Grating, 2" x 2" Mesh, XFR Extra Fire Retardant, Meniscus Top	77.22	3.07
06 74 13 00-0043	SF	1" Molded Fiberglass Grating, 1" x 4" Mesh XFR Extra Fire Retardant, Applied Grit Top	56.79	2.40
06 74 13 00-0044	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, XFR Extra Fire Retardant, Applied Grit Top	55.26	2.40
06 74 13 00-0045	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, XFR Extra Fire Retardant, Applied Grit Top	74.97	2.40
06 74 13 00-0046	SF	2" Molded Fiberglass Grating, 2" x 2" Mesh, XFR Extra Fire Retardant, Applied Grit Top	80.60	3.07
06 74 13 00-0047	SF	1/4" XFR Extra Fire Retardant Resin, Fiberplate Covering	51.37	1.92
06 74 13 00-0048	SF	1/2" XFR Extra Fire Retardant Resin, Fiberplate Covering	82.88	2.11

06 74 13 00-0049 ELS Extremely Low Smoke Resin *(06 74 13 00-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 74 13 00-0050	SF	1" Molded Fiberglass Grate, 1" x 4" Mesh, ELS Extremity Low Smoke Resin, Meniscus Top	55.82	2.40
06 74 13 00-0051	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, ELS Extremity Low Smoke Resin, Meniscus Top	54.14	2.40
06 74 13 00-0052	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, ELS Extremity Low Smoke Resin, Meniscus Top	70.26	2.40
06 74 13 00-0053	SF	2" Molded Fiberglass Grating, 2" x 2" Mesh, ELS Extremity Low Smoke Resin, Meniscus Top	75.40	3.07
06 74 13 00-0054	SF	1" Molded Fiberglass Grating, 1" x 4" Mesh, ELS Extremity Low Smoke Resin, Applied Grit Top	58.00	2.40
06 74 13 00-0055	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, ELS Extremity Low Smoke Resin, Applied Grit Top	56.62	2.40
06 74 13 00-0056	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, ELS Extremity Low Smoke Resin, Applied Grit Top	72.95	2.40
06 74 13 00-0057	SF	2" Molded Fiberglass Grating, 2" x 2" Mesh, ELS Extremity Low Smoke Resin, Applied Grit Top	78.12	3.07
06 74 13 00-0058	SF	1/4" ELS Extremity Low Smoke Resin, Fiberplate Covering	57.37	1.92
06 74 13 00-0059	SF	1/2 ELS Extremity Low Smoke Resin, Fiberplate Covering	103.16	2.11

06 74 13 00-0060 Pultruded Fiberglass Grating *(06 74 13)*

06 74 13 00-0061 ISOFR Isophthalic Polyester Resin System *(06 74 13 00-0060)*

Note: For moderately corrosive environments, green.

06 74 13 00-0062 1" ISOFR Isophthalic Polyester Resin System *(06 74 13 00-0061)*

06 74 13 00-0063	SF	1" Pultruded Fiberglass Grate, 6" Bar Space, 50% Open, ISOFR Isophthalic Polyester Resin	39.84	3.07
06 74 13 00-0064	SF	1" Pultruded Fiberglass Grate, 12" Bar Space, 50% Open, ISOFR Isophthalic Polyester Resin	35.41	2.40
06 74 13 00-0065	SF	1" Pultruded Fiberglass Grate, 6" Bar Space, 40% Open, ISOFR Isophthalic Polyester Resin	44.98	3.07
06 74 13 00-0066	SF	1" Pultruded Fiberglass Grate, 12" Bar Space, 40% Open, ISOFR Isophthalic Polyester Resin	41.63	2.40
06 74 13 00-0067	SF	1" Pultruded Fiberglass Grate, 6" Bar Space, 38% Open, ISOFR Isophthalic Polyester Resin	31.18	3.07
06 74 13 00-0068	SF	1" Pultruded Fiberglass Grate, 12" Bar Space, 38% Open, ISOFR Isophthalic Polyester Resin	27.68	2.40
06 74 13 00-0069	SF	1" Pultruded Fiberglass Grate, 6" Bar Space, 25% Open, ISOFR Isophthalic Polyester Resin	35.65	3.07
06 74 13 00-0070	SF	1" Pultruded Fiberglass Grate, 12" Bar Space, 25% Open, ISOFR Isophthalic Polyester Resin	32.23	2.40

06 74 13 00-0071 1-1/2" ISOFR Isophthalic Polyester Resin System *(06 74 13 00-0061)*

06 74 13 00-0072	SF	1-1/2" Pultruded Fiberglass Grate, 6" Bar Space, 50% Open, ISOFR Isophthalic Polyester Resin	44.93	3.07
06 74 13 00-0073	SF	1-1/2" Pultruded Fiberglass Grate, 12" Bar Space, 50% Open, ISOFR Isophthalic Polyester Resin	40.62	2.40
06 74 13 00-0074	SF	1-1/2" Pultruded Fiberglass Grate, 6" Bar Space, 40% Open, ISOFR Isophthalic Polyester Resin	50.44	3.07
06 74 13 00-0075	SF	1-1/2" Pultruded Fiberglass Grate, 12" Bar Space, 40% Open, ISOFR Isophthalic Polyester Resin	47.35	2.40
06 74 13 00-0076	SF	1-1/2" Pultruded Fiberglass Grate, 6" Bar Space, 25% Open, ISOFR Isophthalic Polyester Resin	39.56	3.07
06 74 13 00-0077	SF	1-1/2" Pultruded Fiberglass Grate, 12" Bar Space, 25% Open, ISOFR Isophthalic Polyester Resin	36.14	2.40

06 74 13 00-0078 2" ISOFR Isophthalic Polyester Resin System *(06 74 13 00-0061)*

06 74 13 00-0079	SF	2" Pultruded Fiberglass Grate, 6" Bar Space, 50% Open, ISOFR Isophthalic Polyester Resin	39.19	3.07
06 74 13 00-0080	SF	2" Pultruded Fiberglass Grate, 12" Bar Space, 50% Open, ISOFR Isophthalic Polyester Resin	43.30	3.07
06 74 13 00-0081	SF	2" Pultruded Fiberglass Grate, 6" Bar Space, 33% Open, ISOFR Isophthalic Polyester Resin	52.22	3.07
06 74 13 00-0082	SF	2" Pultruded Fiberglass Grate, 12" Bar Space, 33% Open, ISOFR Isophthalic Polyester Resin	49.31	3.07

06 74 13 00-0083 VERF Vinyl Ester Resin System *(06 74 13 00-0060)*

06 74 13 00-0084 1" VERF Vinyl Ester Resin System *(06 74 13 00-0083)*

06 74 13 00-0085	SF	1" Pultruded Fiberglass Grate, 6" Bar Space, 50% Open, VERF Vinyl Ester Resin	42.16	2.40
06 74 13 00-0086	SF	1" Pultruded Fiberglass Grate, 12" Bar Space, 50% Open, VERF Vinyl Ester Resin	37.74	2.40
06 74 13 00-0087	SF	1" Pultruded Fiberglass Grate, 6" Bar Space, 40% Open, VERF Vinyl Ester Resin	47.35	2.40
06 74 13 00-0088	SF	1" Pultruded Fiberglass Grate, 12" Bar Space, 40% Open, VERF Vinyl Ester Resin	54.30	2.40
06 74 13 00-0089	SF	1" Pultruded Fiberglass Grate, 6" Bar Space, 38% Open, VERF Vinyl Ester Resin	32.46	2.40
06 74 13 00-0090	SF	1" Pultruded Fiberglass Grate, 12" Bar Space, 38% Open, VERF Vinyl Ester Resin	29.06	2.40
06 74 13 00-0091	SF	1" Pultruded Fiberglass Grate, 6" Bar Space, 25% Open, VERF Vinyl Ester Resin	37.20	2.40
06 74 13 00-0092	SF	1" Pultruded Fiberglass Grate, 12" Bar Space, 25% Open, VERF Vinyl Ester Resin	34.17	2.40

06 74 13 00-0093 1-1/2" VERF Vinyl Ester Resin System *(06 74 13 00-0083)*

06 74 13 00-0094	SF	1-1/2" Pultruded Fiberglass Grate, 6" Bar Space, 50% Open, VERF Vinyl Ester Resin	46.24	2.40
06 74 13 00-0095	SF	1-1/2" Pultruded Fiberglass Grate, 12" Bar Space, 50% Open, VERF Vinyl Ester Resin	41.88	2.40
06 74 13 00-0096	SF	1-1/2" Pultruded Fiberglass Grate, 6" Bar Space, 40% Open, VERF Vinyl Ester Resin	52.80	2.40
06 74 13 00-0097	SF	1-1/2" Pultruded Fiberglass Grate, 12" Bar Space, 40% Open, VERF Vinyl Ester Resin	49.33	2.40
06 74 13 00-0098	SF	1-1/2" Pultruded Fiberglass Grate, 6" Bar Space, 25% Open, VERF Vinyl Ester Resin	41.60	2.40
06 74 13 00-0099	SF	1-1/2" Pultruded Fiberglass Grate, 12" Bar Space, 25% Open, VERF Vinyl Ester Resin	38.35	2.40

06 74 13 00-0100 2" VERF Vinyl Ester Resin System *(06 74 13 00-0083)*

06 74 13 00-0101	SF	2" Pultruded Fiberglass Grate, 6" Bar Space, 50% Open, VERF Vinyl Ester Resin	41.14	3.07
06 74 13 00-0102	SF	2" Pultruded Fiberglass Grate, 12" Bar Space, 50% Open, VERF Vinyl Ester Resin	37.98	3.07
06 74 13 00-0103	SF	2" Pultruded Fiberglass Grate, 6" Bar Space, 33% Open, VERF Vinyl Ester Resin	54.96	3.07
06 74 13 00-0104	SF	2" Pultruded Fiberglass Grate, 12" Bar Space, 33% Open, VERF Vinyl Ester Resin	53.39	3.07

06 80 Composite Fabrications *(06)*

06 82 Composite Trim *(06 80)*

06 82 00 00-0001 Fiberglass Castings *(06 82)*

06 82 00 00-0002 Fiberglass Angle, Equal Legs *(06 82 00 00-0001)*

06 82 00 00-0003	LF	1" x 1" x 1/8" Thick Fiberglass Angle, ISOFR Isophthalic Polyester Resin	11.14	4.00

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 82 00 00-0004	LF	1" x 1" x 1/8" Thick Fiberglass Angle, VERF Vinyl Ester Resin	11.63	4.00
06 82 00 00-0005	LF	3" x 3" x 1/4" Thick Fiberglass Angle, ISOFR Isophthalic Polyester Resin	20.14	4.80
06 82 00 00-0006	LF	3" x 3" x 1/4" Thick Fiberglass Angle, VERF Vinyl Ester Resin	22.11	4.80
06 82 00 00-0007	LF	4" x 4" x 1/4" Thick Fiberglass Angle, ISOFR Isophthalic Polyester Resin	22.24	4.80
06 82 00 00-0008	LF	4" x 4" x 1/4" Thick Fiberglass Angle, VERF Vinyl Ester Resin	23.67	4.80
06 82 00 00-0009	LF	4" x 4" x 3/8" Thick Fiberglass Angle, ISOFR Isophthalic Polyester Resin	25.59	4.80
06 82 00 00-0010	LF	4" x 4" x 3/8" Thick Fiberglass Angle, VERF Vinyl Ester Resin	28.64	4.80
06 82 00 00-0011	LF	6" x 6" x 1/2" Thick Fiberglass Angle, ISOFR Isophthalic Polyester Resin	67.16	6.01
06 82 00 00-0012	LF	6" x 6" x 1/2" Thick Fiberglass Angle, VERF Vinyl Ester Resin	77.01	6.01
06 82 00 00-0013		**Fiberglass Channels** *(06 82 00 00-0001)*		
06 82 00 00-0014	LF	3" x 1" x 1/4" Fiberglass Channel, ISOFR Isophthalic Polyester Resin	12.92	6.01
06 82 00 00-0015	LF	3" x 1" x 1/4" Fiberglass Channel, VERF Vinyl Ester Resin	13.41	6.01
06 82 00 00-0016	LF	4" x 1 1/8" x 1/4" Fiberglass Channel, ISOFR Isophthalic Polyester Resin	25.78	6.80
06 82 00 00-0017	LF	4" x 1 1/8" x 1/4" Fiberglass Channel, VERF Vinyl Ester Resin	25.78	6.80
06 82 00 00-0018	LF	6" x 1 11/16" x 3/8" Fiberglass Channel, ISOFR Isophthalic Polyester Resin	39.62	6.80
06 82 00 00-0019	LF	6" x 1 11/16" x 3/8" Fiberglass Channel, VERF Vinyl Ester Resin	45.84	6.80
06 82 00 00-0020	LF	8" x 2 3/16" x 3/8" Fiberglass Channel, ISOFR Isophthalic Polyester Resin	37.30	6.80
06 82 00 00-0021	LF	8" x 2 3/16" x 3/8" Fiberglass Channel, VERF Vinyl Ester Resin	45.22	6.80
06 82 00 00-0022	LF	10" x 2-3/4" x 1/2" Fiberglass Channel, ISOFR Isophthalic Polyester Resin	56.87	9.34
06 82 00 00-0023	LF	10" x 2-3/4" x 1/2" Fiberglass Channel, VERF Vinyl Ester Resin	64.90	9.34
06 82 00 00-0024		**Fiberglass Wide Flange Beams** *(06 82 00 00-0001)*		
06 82 00 00-0025	LF	4" x 4" x 1/4"Fiberglass Wide Flange Beam, ISOFR Isophthalic Polyester Resin	35.43	8.01
06 82 00 00-0026	LF	4" x 4" x 1/4" Fiberglass Wide Flange Beam, VERF Vinyl Ester Resin	38.53	8.01
06 82 00 00-0027	LF	6" x 6" x 1/4" Fiberglass Wide Flange Beam, ISOFR Isophthalic Polyester Resin	45.16	9.61
06 82 00 00-0028	LF	6" x 6" x 1/4" Fiberglass Wide Flange Beam, VERF Vinyl Ester Resin	46.65	9.61
06 82 00 00-0029	LF	8" x 8" x 3/8" Fiberglass Wide Flange Beam, ISOFR Isophthalic Polyester Resin	71.91	12.00
06 82 00 00-0030	LF	8" x 8" x 3/8" Fiberglass Wide Flange Beam, VERF Vinyl Ester Resin	89.43	12.00
06 82 00 00-0031	LF	10" x 10" x 1/2" Fiberglass Wide Flange Beam, ISOFR Isophthalic Polyester Resin	156.48	14.68
06 82 00 00-0032	LF	10" x 10" x 1/2" Fiberglass Wide Flange Beam, VERF Vinyl Ester Resin	175.63	14.68
06 82 00 00-0033		**Fiberglass Flat Sheet** *(06 82 00 00-0001)* Note: Not to be used for bathroom board.		
06 82 00 00-0034	SF	1/8" Thick Fiberglass Flat Sheet, ISOFR Isophthalic Polyester Resin	29.34	6.80
06 82 00 00-0035	SF	1/8" Thick Fiberglass Flat Sheet, VERF Vinyl Ester Resin	30.56	6.80
06 82 00 00-0036	SF	1/4" Thick Fiberglass Flat Sheet, ISOFR Isophthalic Polyester Resin	45.37	8.01
06 82 00 00-0037	SF	1/4" Thick Fiberglass Flat Sheet, VERF Vinyl Ester Resin	51.88	8.01
06 82 00 00-0038	SF	3/8" Thick Fiberglass Flat Sheet, ISOFR Isophthalic Polyester Resin	61.23	9.61
06 82 00 00-0039	SF	3/8" Thick Fiberglass Flat Sheet, VERF Vinyl Ester Resin	71.00	9.61
06 82 00 00-0040	SF	1/2" Thick Fiberglass Flat Sheet, ISOFR Isophthalic Polyester Resin	82.31	12.00
06 82 00 00-0041	SF	1/2" Thick Fiberglass Flat Sheet, VERF Vinyl Ester Resin	97.26	12.00
06 82 00 00-0042		**Fiberglass Bars** *(06 82 00 00-0001)*		
06 82 00 00-0043		**Square Bars** *(06 82 00 00-0042)*		
06 82 00 00-0044	LF	1" Square Fiberglass Solid Square Bar, ISO Isophthalic Polyester Resin	17.65	4.80
06 82 00 00-0045	LF	1-1/4" Square Fiberglass Solid Square Bar, ISO Isophthalic Polyester Resin	24.91	7.07
06 82 00 00-0046	LF	1-1/2" Square Fiberglass Solid Square Bar, ISOFR Isophthalic Polyester Resin	29.13	9.34
06 82 00 00-0047		**Round Bars** *(06 82 00 00-0042)*		
06 82 00 00-0048	LF	1/4" Diameter Fiberglass Solid Round Bar, ISOFR Isophthalic Polyester Resin	11.58	4.00
06 82 00 00-0049	LF	1" Diameter Fiberglass Solid Round Bar, ISOFR Isophthalic Polyester Resin	24.16	6.01
06 82 00 00-0050	LF	1" Diameter Fiberglass Solid Round Bar, VERF Vinyl Ester Resin	27.12	6.01
06 82 00 00-0051	LF	1-1/4" Diameter Fiberglass Solid Round Bar, ISOFR Isophthalic Polyester Resin	35.43	6.01
06 82 00 00-0052	LF	1-1/2" Diameter Fiberglass Solid Round Bar, ISOFR Isophthalic Polyester Resin	42.24	6.80
06 82 00 00-0053		**Fiberglass Tubes** *(06 82 00 00-0001)*		
06 82 00 00-0054		**Square Tube** *(06 82 00 00-0053)*		
06 82 00 00-0055	LF	1" x 1" x 1/8" Thick Fiberglass Square Tube, ISOFR Isophthalic Polyester Resin	12.92	4.00
06 82 00 00-0056	LF	1" x 1" x 1/8" Thick Fiberglass Square Tube, VERF Vinyl Ester Resin	13.88	4.00
06 82 00 00-0057	LF	2" x 2" x 1/8" Thick Fiberglass Square Tube, ISOFR Isophthalic Polyester Resin	18.82	4.80
06 82 00 00-0058	LF	2" x 2" x 1/8" Thick Fiberglass Square Tube, VERF Vinyl Ester Resin	20.51	4.80
06 82 00 00-0059	LF	3" x 3" x 1/4" Thick Fiberglass Square Tube, ISOFR Isophthalic Polyester Resin	35.06	6.01
06 82 00 00-0060	LF	3" x 3" x 1/4" Thick Fiberglass Square Tube, VERF Vinyl Ester Resin	38.97	6.01
06 82 00 00-0061	LF	4" x 4" x 1/4" Thick Fiberglass Square Tube, ISOFR Isophthalic Polyester Resin	41.29	7.20
06 82 00 00-0062	LF	4" x 4" x 1/4" Thick Fiberglass Square Tube, VERF Vinyl Ester Resin	52.17	7.20
06 82 00 00-0063		**Round Tube** *(06 82 00 00-0053)*		
06 82 00 00-0064	LF	1" Diameter x 1/8" Thick Fiberglass Round Tube, ISOFR Isophthalic Polyester Resin	12.41	4.00
06 82 00 00-0065	LF	1" Diameter x 1/8" Thick Fiberglass Round Tube, VERF Vinyl Ester Resin	12.85	4.00
06 82 00 00-0066	LF	2" Diameter x 1/4" Thick Fiberglass Round Tube, ISOFR Isophthalic Polyester Resin	22.58	4.80

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 82 00 00-0067	LF	2" Diameter x 1/4" Thick Fiberglass Round Tube, VERF Vinyl Ester Resin	24.02	4.80
06 82 00 00-0068		**Fiberglass Threaded Rods** *(06 82 00 00-0001)*		
06 82 00 00-0069	LF	3/8" Diameter Fiberglass Threaded Rod, VERF Vinyl Ester Resin	16.14	3.07
06 82 00 00-0070	LF	1/2" Diameter Fiberglass Threaded Rod, VERF Vinyl Ester Resin	17.14	3.07
06 82 00 00-0071	LF	5/8" Diameter Fiberglass Threaded Rod, VERF Vinyl Ester Resin	19.67	3.47
06 82 00 00-0072	LF	3/4" Diameter Fiberglass Threaded Rod, VERF Vinyl Ester Resin	21.59	3.47
06 82 00 00-0073	LF	1" Diameter Fiberglass Threaded Rod, VERF Vinyl Ester Resin	23.77	3.47
06 82 00 00-0074		**Grating Support Legs, VEFR Resin** *(06 82 00 00-0001)*		
06 82 00 00-0075	EA	Grating Support Legs, Fixed Height With Base Miscellaneous Fiberglass Castings	14.90	
06 82 00 00-0076	EA	Grate Support Legs Fixed Height Without Base Miscellaneous Fiberglass Castings	6.38	
06 82 00 00-0077	EA	Grating Support Legs, Adjustable To 60" Miscellaneous Fiberglass Castings	24.00	
06 82 00 00-0078		**Fiberglass Netting** *(06 82 00 00-0001)*		
06 82 00 00-0079	SF	1/2" x 1/2" Mesh, Clear Flexible Fiberglass Netting	0.87	0.42
06 82 00 00-0080	SF	1/2" x 2" Mesh, Clear Flexible Fiberglass Netting	0.87	0.42
06 82 00 00-0081	SF	3/4" x 5/8" Mesh, Clear Flexible Fiberglass Netting	0.87	0.42
06 82 00 00-0082	SF	7/8" x 7/8" Mesh, Clear Flexible Fiberglass Netting	0.87	0.42
06 82 00 00-0083	SF	1" x 1" Mesh, Clear Flexible Fiberglass Netting	0.87	0.42
06 82 00 00-0084	SF	1/2" x 1/2" Mesh, Green Flexible Fiberglass Netting	0.86	0.42
06 82 00 00-0085	SF	1/2" x 2" Mesh, Green Flexible Fiberglass Netting	0.86	0.42
06 82 00 00-0086	SF	3/4" x 5/8" Mesh, Green Flexible Fiberglass Netting	0.86	0.42
06 82 00 00-0087	SF	7/8" x 7/8" Mesh, Green Flexible Fiberglass Netting	0.86	0.42
06 82 00 00-0088	SF	1" x 1" Mesh, Green Flexible Fiberglass Netting	0.86	0.42
06 82 00 00-0089		**Fiberglass Stair Treads** *(06 82)*		
06 82 00 00-0090		**Fiberglass Stair Treads** *(06 82 00 00-0089)*		
06 82 00 00-0091		**10-1/2" Deep Isophthalic Resin System** *(06 82 00 00-0090)*		
06 82 00 00-0092	EA	1" Fiberglass Stair Tread, 10-1/2" Deep x 24" Wide Isophthalic Resin System	116.29	20.95
06 82 00 00-0093	EA	1" Fiberglass Stair Tread, 10-1/2" Deep x 30" Wide Isophthalic Resin System	134.93	20.95
06 82 00 00-0094	EA	1" Fiberglass Stair Tread, 10-1/2" Deep x 36" Wide Isophthalic Resin System	153.59	20.95
06 82 00 00-0095	EA	1" Fiberglass Stair Tread, 10-1/2" Deep x 42" Wide Isophthalic Resin System	172.23	20.95
06 82 00 00-0096	EA	1-1/2" Fiberglass Stair Tread, 10-1/2" Deep x 24" Wide Isophthalic Resin System	127.48	20.95
06 82 00 00-0097	EA	1-1/2" Fiberglass Stair Tread, 10-1/2" Deep x 30" Wide Isophthalic Resin System	148.92	20.95
06 82 00 00-0098	EA	1-1/2" Fiberglass Stair Tread, 10-1/2" Deep x 36" Wide Isophthalic Resin System	170.37	20.95
06 82 00 00-0099	EA	1-1/2" Fiberglass Stair Tread, 10-1/2" Deep x 42" Wide Isophthalic Resin System	191.81	20.95
06 82 00 00-0100	EA	2" Fiberglass Stair Tread, 10-1/2" Deep x 24" Wide Isophthalic Resin System	144.63	20.95
06 82 00 00-0101	EA	2" Fiberglass Stair Tread, 10-1/2" Deep x 30" Wide Isophthalic Resin System	170.37	20.95
06 82 00 00-0102	EA	2" Fiberglass Stair Tread, 10-1/2" Deep x 36" Wide Isophthalic Resin System	196.10	20.95
06 82 00 00-0103	EA	2" Fiberglass Stair Tread, 10-1/2" Deep x 42" Wide Isophthalic Resin System	221.84	20.95
06 82 00 00-0104		**12" Deep Isophthalic Resin System** *(06 82 00 00-0090)*		
06 82 00 00-0105	EA	1" Fiberglass Stair Tread, 12" Deep x 24" Wide Isophthalic Resin System	126.95	20.95
06 82 00 00-0106	EA	1" Fiberglass Stair Tread, 12" Deep x 30" Wide Isophthalic Resin System	148.26	20.95
06 82 00 00-0107	EA	1" Fiberglass Stair Tread, 12" Deep x 36" Wide Isophthalic Resin System	169.58	20.95
06 82 00 00-0108	EA	1" Fiberglass Stair Tread, 12" Deep x 42" Wide Isophthalic Resin System	190.89	20.95
06 82 00 00-0109	EA	1-1/2" Fiberglass Stair Tread, 12" Deep x 24" Wide Isophthalic Resin System	139.74	20.95
06 82 00 00-0110	EA	1-1/2" Fiberglass Stair Tread, 12" Deep x 30" Wide Isophthalic Resin System	164.24	20.95
06 82 00 00-0111	EA	1-1/2" Fiberglass Stair Tread, 12" Deep x 36" Wide Isophthalic Resin System	188.76	20.95
06 82 00 00-0112	EA	1-1/2" Fiberglass Stair Tread, 12" Deep x 42" Wide Isophthalic Resin System	213.27	20.95
06 82 00 00-0113	EA	2" Fiberglass Stair Tread, 12" Deep x 24" Wide Isophthalic Resin System	159.34	20.95
06 82 00 00-0114	EA	2" Fiberglass Stair Tread, 12" Deep x 30" Wide Isophthalic Resin System	188.75	20.95
06 82 00 00-0115	EA	2" Fiberglass Stair Tread, 12" Deep x 36" Wide Isophthalic Resin System	218.17	20.95
06 82 00 00-0116	EA	2" Fiberglass Stair Tread, 12" Deep x 42" Wide Isophthalic Resin System	247.58	20.95
06 82 00 00-0117		**Other Fiberglass** *(06 82)*		
06 82 00 00-0118		**Fiberglass Splash Blocks** *(06 82 00 00-0117)*		
06 82 00 00-0119	EA	Standard Size Fiberglass Splash Block	19.81	4.23

06 83 Composite Paneling *(06 80)*

06 83 16 Fiberglass Reinforced Paneling *(06 83)*

06 83 16 00-0001		**Fiberglass Reinforced Polyester (FRP) Panels** *(06 83 16)* Note: Includes adhesive and trim.		
06 83 16 00-0002	SF	Fiberglass Reinforced Polyester (FRP) Paneling Note: Including Adhesive And Trim	4.12	2.12

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

END OF SECTION 06

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

07 Thermal And Moisture Protection

07 01 Operation and Maintenance of Thermal and Moisture Protection *(07)*

07 01 50 Maintenance of Membrane Roofing *(07 01)*

07 01 50 19 Preparation for Re-Roofing *(07 01 50)*

07 01 50 19-0001 Preparation For Re-Roofing *(07 01 50 19)*

07 01 50 19-0002	SQ	Removal Of Pea Gravel Ballast From Roof, Vacuum And Disposal	93.40	
07 01 50 19-0003	SQ	Removal Of Gravel Ballast From Roof, Vacuum And Disposal	163.40	

07 01 50 81 Roof Replacement *(07 01 50)*

07 01 50 81-0001 Roof Repair *(07 01 50 81)*

Note: Less than 100 SF areas. Excludes mobilization of crew for small quantity of roof work. See CSI section 07 05 13 00-0001 for mobilization of crew for small quantity of roof work.

07 01 50 81-0002	LF	Heat Weld Roofing Seams For Repair	6.70	

07 01 50 81-0003 Emergency Roof Patch *(07 01 50 81)*

Note: 4 Hour response time.

07 01 50 81-0004	EA	Mobilize For Emergency Roof Patching	649.76	
07 01 50 81-0005	EA	Granule Emergency Roof Patch Cover 16 SF	79.55	

07 01 50 81-0006 Adhesives *(07 01 50 81)*

Note: For repair of seams.

07 01 50 81-0007 Mastic Sealer *(07 01 50 81-0006)*

07 01 50 81-0008 Applied At Joints Only *(07 01 50 81-0007)*

07 01 50 81-0009	LF	Mastic Sealer, 1/4" Bead At Joint	4.30	1.84

07 05 Common Work Results for Thermal and Moisture Protection *(07)*

07 05 13 Mobilization Of Crew For Small Quantity Of Roof Work *(07 05)*

07 05 13 00-0001 Mobilization Of Crew For Small Quantity Of Roof Work *(07 05 13)*

Note: For use with all roofing tasks where the total quantity of roof work is 4 squares or less.

07 05 13 00-0002	EA	Up To 1 SQ, Mobilization Of Crew For Small Quantity Of Roof Work	1,301.60
07 05 13 00-0003	EA	>1 To 2 SQ, Mobilization Of Crew For Small Quantity Of Roof Work	973.86
07 05 13 00-0004	EA	>2 To 3 SQ, Mobilization Of Crew For Small Quantity Of Roof Work	650.80
07 05 13 00-0005	EA	>3 To 4 SQ, Mobilization Of Crew For Small Quantity Of Roof Work	324.62

07 10 Dampproofing and Waterproofing *(07)*

Note: The following tasks are for application to vertical (walls and foundations) surfaces. For horizontal (flat) surfaces apply the appropriate modifier to reduce the labor cost (where listed). Waterproofing is the treatment of a surface or structure to PREVENT the passage of water under hydrostatic pressure. Dampproofing is the treatment of a surface or structure to RESIST the passage of water in the absence of hydrostatic pressure.

07 11 Dampproofing *(07 10)*

07 11 13 Bituminous Dampproofing *(07 11)*

07 11 13 00-0001 Fibrous Asphalt Dampproofing, Brush, Roller Or Spray *(07 11 13)*

07 11 13 00-0002	CSF	1 Coat, Fibrous Asphalt Dampproofing, Brush, Roller Or Spray	171.73
07 11 13 00-0003	CSF	2 Coats, Brush, Roller Or Spray, Fibrous Asphalt Dampproofing	258.36

07 11 13 00-0004 Fibrous Asphalt Dampproofing, Troweled On *(07 11 13)*

07 11 13 00-0005	CSF	Primer And 1 Coat, Fibrous Asphalt Dampproofing, Troweled On	300.10
07 11 13 00-0006	CSF	Primer And 2 Coats, Troweled On, Fibrous Asphalt Dampproofing	473.11

07 11 13 00-0007 Asphaltic Paint Dampproofing *(07 11 13)*

07 11 13 00-0008	CSF	1 Coat, Asphaltic Paint Dampproofing, Brushed On	135.82
07 11 13 00-0009	CSF	2 Coats, Brushed On, Asphaltic Paint Dampproofing	252.13

07 11 19 Sheet Dampproofing *(07 11)*

07 11 19 00-0001 Neoprene *(07 11 19)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 11 19 00-0002	SF	1/16" Patch Neoprene Roof (5 To 20 SF)	35.06	

07 13 Sheet Waterproofing *(07 10)*

07 13 13 Bituminous Sheet Waterproofing *(07 13)*

07 13 13 00-0001 15 LB Asphalt Saturated Organic Felt Sheet Waterproofing, Hot-Mopped *(07 13 13)*

07 13 13 00-0002	CSF	1 Ply, 15 LB Asphalt Saturated Organic Felt Sheet Waterproofing, Hot-Mopped	314.18	105.81
		For 30 LB Felt, Add	*76.93*	
		For Application To Horizontal Surfaces, Deduct	*-31.74*	
07 13 13 00-0003	CSF	2 Ply, 15 LB Asphalt Saturated Organic Felt Sheet Waterproofing, Hot-Mopped	399.46	119.04
		For 30 LB Felt, Add	*121.05*	
		For Application To Horizontal Surfaces, Deduct	*-35.71*	
07 13 13 00-0004	CSF	3 Ply, 15 LB Asphalt Saturated Organic Felt Sheet Waterproofing, Hot-Mopped	484.76	132.26
		For 30 LB Felt, Add	*165.18*	
		For Application To Horizontal Surfaces, Deduct	*-39.68*	
07 13 13 00-0005	CSF	4 Ply, 15 LB Asphalt Saturated Organic Felt Sheet Waterproofing, Hot-Mopped	570.04	145.49
		For 30 LB Felt, Add	*209.30*	
		For Application To Horizontal Surfaces, Deduct	*-43.65*	
07 13 13 00-0006	CSF	5 Ply, 15 LB Asphalt Saturated Organic Felt Sheet Waterproofing, Hot-Mopped	655.32	158.71
		For 30 LB Felt, Add	*253.43*	
		For Application To Horizontal Surfaces, Deduct	*-47.61*	

07 13 13 00-0007 Asphalt Coated Protective Board *(07 13 13)*

07 13 13 00-0008	CSF	1/8" Asphalt Coated Protective Board	253.74	104.29
		For Application To Horizontal Surfaces, Deduct	*-34.78*	
07 13 13 00-0009	CSF	1/4" Asphalt Coated Protective Board	323.36	108.30
		For Application To Horizontal Surfaces, Deduct	*-36.10*	
07 13 13 00-0010	CSF	3/8" Asphalt Coated Protective Board	407.14	112.85
		For Application To Horizontal Surfaces, Deduct	*-37.60*	
07 13 13 00-0011	CSF	1/2" Asphalt Coated Protective Board	450.90	117.39
		For Application To Horizontal Surfaces, Deduct	*-39.14*	

07 13 53 Elastomeric Sheet Waterproofing *(07 13)*

07 13 53 00-0001 Rubberized Membrane Sheet *(07 13 53)*

07 13 53 00-0002	SF	215 Mil Rubberized Asphalt Membrane Sheet, Vertical Surface	6.73	1.08
		For Floor Surfaces, Deduct	*-1.05*	

07 13 53 00-0003 Ethylene Propylene Diene Monomer (EPDM) *(07 13 53)*

07 13 53 00-0004	CSF	45 Mil Ethylene Propylene Diene Monomer (EPDM) Membrane	464.56	152.53
		For Application To Horizontal Surfaces, Deduct	*-45.75*	
07 13 53 00-0005	CSF	60 Mil Ethylene Propylene Diene Monomer (EPDM) Membrane	538.20	152.53
		For Application To Horizontal Surfaces, Deduct	*-45.75*	

07 13 53 00-0006 Butyl Sheet Waterproofing *(07 13 53)*

07 13 53 00-0007	CSF	1/32" Butyl Sheet Waterproofing	97.99	38.13
		For Joint Taping, Add	*13.69*	
		For Each Additional Ply, Add	*72.41*	
		For Application To Horizontal Surfaces, Deduct	*-5.73*	
07 13 53 00-0008	CSF	1/16" Butyl Sheet Waterproofing	117.01	38.13
		For Joint Taping, Add	*14.64*	
		For Each Additional Ply, Add	*85.73*	
		For Application To Horizontal Surfaces, Deduct	*-5.73*	

07 13 53 00-0009 Butyl With Nylon *(07 13 53)*

07 13 53 00-0010	CSF	1/32" Butyl Elastomeric Waterproofing With Nylon	108.87	38.13
		For Joint Taping, Add	*14.23*	
		For Each Additional Ply, Add	*80.03*	
		For Application To Horizontal Surfaces, Deduct	*-5.73*	
07 13 53 00-0011	CSF	1/16" Butyl Elastomeric Waterproofing With Nylon	121.10	38.13
		For Joint Taping, Add	*14.84*	
		For Each Additional Ply, Add	*88.59*	
		For Application To Horizontal Surfaces, Deduct	*-5.73*	

07 13 53 00-0012 Neoprene Sheet Waterproofing *(07 13 53)*

07 13 53 00-0013	CSF	1/32" Neoprene Sheet Waterproofing	171.43	38.13
		For Joint Taping, Add	*17.36*	
		For Each Additional Ply, Add	*123.82*	
		For Application To Horizontal Surfaces, Deduct	*-5.73*	
07 13 53 00-0014	CSF	1/16" Neoprene Sheet Waterproofing	252.40	38.13
		For Joint Taping, Add	*21.41*	
		For Each Additional Ply, Add	*180.50*	
		For Application To Horizontal Surfaces, Deduct	*-5.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 13 53 00-0015		**Neoprene With Nylon** *(07 13 53)*		
07 13 53 00-0016	CSF	1/32" Neoprene Elastomeric Waterproofing With Nylon	179.88	38.13
		For Joint Taping, Add	*17.78*	
		For Each Additional Ply, Add	*129.74*	
		For Application To Horizontal Surfaces, Deduct	*-5.73*	
07 13 53 00-0017	CSF	1/16" Neoprene Elastomeric Waterproofing With Nylon	265.90	38.13
		For Joint Taping, Add	*22.08*	
		For Each Additional Ply, Add	*189.95*	
		For Application To Horizontal Surfaces, Deduct	*-5.73*	
07 13 53 00-0018		**Plastic Vapor Barrier (Polyethylene)** *(07 13 53)*		
07 13 53 00-0019	CSF	4 Mil Polyethylene Vapor Barrier	39.41	14.51
		For Joint Taping, Add	*9.36*	
		For Each Additional Ply, Add	*30.80*	
		For Application To Horizontal Surfaces, Deduct	*-4.82*	
07 13 53 00-0020	CSF	6 Mil Polyethylene Vapor Barrier	40.28	14.51
		For Joint Taping, Add	*9.40*	
		For Each Additional Ply, Add	*31.41*	
		For Application To Horizontal Surfaces, Deduct	*-4.82*	
07 13 53 00-0021	CSF	10 Mil Polyethylene Vapor Barrier	67.26	14.51
		For Joint Taping, Add	*10.75*	
		For Each Additional Ply, Add	*50.29*	
		For Application To Horizontal Surfaces, Deduct	*-4.82*	
07 13 53 00-0022	CSF	60 Mil Polyethylene Vapor Barrier With Bentonite	101.95	14.51
		Note: Includes seam tape, liquid mastic, anchors and termination bar.		
		For Each Additional Ply, Add	*74.93*	
		For Application To Horizontal Surfaces, Deduct	*-5.35*	
07 13 53 00-0023		**Plastic Vapor Barrier (PVC)** *(07 13 53)*		
07 13 53 00-0024	CSF	10 Mil Polyvinyl Chloride (PVC) Vapor Barrier	46.12	16.06
		For Joint Taping, Add	*9.69*	
		For Each Additional Ply, Add	*35.50*	
		For Application To Horizontal Surfaces, Deduct	*-4.82*	
07 13 53 00-0025	CSF	20 Mil Polyvinyl Chloride (PVC) Vapor Barrier	57.53	16.65
		For Joint Taping, Add	*10.54*	
		For Each Additional Ply, Add	*43.60*	
		For Application To Horizontal Surfaces, Deduct	*-5.00*	
07 13 53 00-0026	CSF	30 Mil Polyvinyl Chloride (PVC) Vapor Barrier	72.70	17.24
		For Joint Taping, Add	*11.57*	
		For Each Additional Ply, Add	*54.34*	
		For Application To Horizontal Surfaces, Deduct	*-5.17*	
07 13 53 00-0027		**Vinyl Plastic Vapor Barrier** *(07 13 53)*		
07 13 53 00-0028	CSF	4 Mil Vinyl Plastic Vapor Barrier With Fiberglass Insulation At Joints (Tu-Tuf #4)	46.96	14.87

07 13 55 Waterproofing Membrane *(07 13)*

07 13 55 00-0001		**Other Tasks** *(07 13 55)*		
		Note: The following City of Chicago, Department of Transportation standard site work tasks are all-inclusive, assembly work tasks and shall be used in lieu of individual component tasks. Refer to the appropriate specifications contained in Book 4 for a complete definition of what is included in these work tasks.		
07 13 55 00-0002	SF	Waterproofing Membrane System, (0 > 50)	9.86	
07 13 55 00-0003	SF	Waterproofing Membrane System, (50 > 250)	6.93	
07 13 55 00-0004	SF	Waterproofing Membrane System, (250 > 500)	4.89	
07 13 55 00-0005	SF	Waterproofing Membrane System, (500 >)	3.28	

07 14 Fluid-Applied Waterproofing *(07 10)*

07 14 13 Hot Fluid-Applied Rubberized Asphalt Waterproofing *(07 14)*

07 14 13 00-0001		**Hot Applied Rubberized Asphalt Waterproofing Coating** *(07 14 13)*		
07 14 13 00-0002	SF	90 Mil Hot Applied Rubberized Asphalt Waterproofing Coating, Vertical Surface	2.37	
		Note: Includes primer.		
		For Application To Horizontal Surfaces, Deduct	*-0.20*	
		For Reinforcing Fabric, Add	*0.54*	
07 14 13 00-0003	SF	125 Mil Hot Applied Rubberized Asphalt Waterproofing Coating, Vertical Surface	2.81	
		Note: Includes primer.		
		For Application To Horizontal Surfaces, Deduct	*-0.21*	
		For Reinforcing Fabric, Add	*0.54*	

07 14 16 Cold Fluid-Applied Waterproofing *(07 14)*

07 14 16 00-0001		**Fluid Applied Rubber Based Polyurethane** *(07 14 16)*		
07 14 16 00-0002	SF	60 Mil Thick, Applied In 2 Coats, Fluid Applied, Rubber Base, Polyurethane Waterproofing	3.88	
		For Application To Horizontal Surfaces, Deduct	*-0.46*	
07 14 16 00-0003	SF	90 Mil Thick, Applied In 2 Coats, Fluid Applied, Rubber Base, Polyurethane Waterproofing	4.44	
		For Application To Horizontal Surfaces, Deduct	*-0.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 14 16 00-0004	SF	120 Mil Thick, Applied In 2 Coats, Fluid Applied, Rubber Base, Polyurethane Waterproofing	5.05	
		For Application To Horizontal Surfaces, Deduct	*-0.51*	
07 14 16 00-0005		One Part Solution Of Chlorosulfonated Polyethylene Polymer *(07 14 16)*		
07 14 16 00-0006	SF	15 Mil Finish Coat, 1 Part Solution, Chlorosulfonated Polyethylene (CSM) Polymer	2.65	
07 14 16 00-0007		Copolymer Compound *(07 14 16)*		
07 14 16 00-0008	SF	32 Mil, Fluid Elastomeric Copolymer Compound For Slabs	4.18	
07 14 16 00-0009		Fluid Applied Neoprene *(07 14 16)*		
07 14 16 00-0010	CSF	1/8" Fiberglass Reinforced, Fluid Applied Neoprene	522.10	
		For Application To Horizontal Surfaces, Deduct	*-55.56*	
07 14 16 00-0011	CSF	50 Mil, 4 Coats, Fluid Applied Neoprene	988.61	
		For Application To Horizontal Surfaces, Deduct	*-109.00*	
07 14 16 00-0012	CSF	90 Mil, 4 Coats, Fluid Applied Neoprene	1,613.34	
		For Application To Horizontal Surfaces, Deduct	*-163.42*	

07 16 Cementitious and Reactive Waterproofing *(07 10)*

07 16 13 Polymer Modified Cement Waterproofing *(07 16)*

07 16 13 00-0001	SF	Polymer Modified Cementitious Waterproofing Assembly, 2 Coats Note: As manufactured by Thoro Consumer Products. Includes Thoroseal, Acryl 60, acrylic waterproof coating and white pigmented acrylic copolymer primer.	5.62	

07 16 16 Crystalline Waterproofing *(07 16)*

07 16 16 00-0001	SF	Crystalline Cementitious Waterproofing. 2 Coats (Xypex Concentrate)	7.14	

07 16 19 Metal Oxide Waterproofing *(07 16)*

07 16 19 00-0001		Metallic Oxide Waterproofing *(07 16 19)* Note: Includes one broom applied bond coat and three brush applied waterproof coats. Excludes concrete repairs to subbase and final protective concrete surface coat. See CSI section 03 54 16 00-0001 for self leveling underlayment for concrete floors, 09 24 33 00-0001 for cement parging.		
07 16 19 00-0002	CSF	Catalyzed Metallic Waterproofing Treatment, Metal Oxide Waterproofing (Euclid Iron Waterpeller)	610.97	
		For Application To Horizontal Surfaces, Deduct	*-79.11*	

07 17 Bentonite Waterproofing *(07 10)*

07 17 13 Bentonite Panel Waterproofing *(07 17)*

07 17 13 00-0001	CSF	3/16" Bentonite Waterproofing Panels	395.29	124.43
		For Application To Horizontal Surfaces, Deduct	*-37.34*	
07 17 13 00-0002	CSF	1/4" Bentonite Waterproofing Panels	371.68	131.47
		For Application To Horizontal Surfaces, Deduct	*-40.41*	
07 17 13 00-0003	CSF	5/8" Bentonite Waterproofing Panels	487.89	137.10
		For Application To Horizontal Surfaces, Deduct	*-41.12*	
07 17 13 00-0004	CSF	3/8" Granular Bentonite, Troweled	395.24	114.03
		For Application To Horizontal Surfaces, Deduct	*-34.19*	

07 18 Traffic Coatings *(07 10)*

07 18 13 Pedestrian Traffic Coatings *(07 18)*

07 18 13 00-0001		Traffic Coatings *(07 18 13)*		
07 18 13 00-0002	SF	Standard Grey Urethane Traffic Coating Note: Primer, Base, and Intermediate coats.	4.07	0.38

07 18 16 Vehicular Traffic Coatings *(07 18)*

07 18 16 00-0001		Preparation For Vehicular Traffic Coating *(07 18 16)* See CSI section 03 01 30 71-0021 for crack repairs, 32 17 23 00-0000 for pavement markings.		
07 18 16 00-0002	SF	Grinding Of Existing Concrete Floor Prior To Installation Of Deck Coating	1.24	
07 18 16 00-0003	SF	Shot Blasting Concrete Surface For Vehicular Traffic Coating	2.84	
07 18 16 00-0004		Vehicular Traffic Coating (Sika) *(07 18 16)* Note: Excludes surface preparaion, deck crack repair, joint sealants or pavement markings. See CSI section 03 01 30 71-0021 for crack repairs, 07 18 16 00-0001 for surface preparaion, 32 17 23 00-0000 for pavement markings.		
07 18 16 00-0005	SF	23 Mil Thick, Traffic Coating, Two-Component, Elastomeric Polyurethane Waterproofing, Concrete Coating With Primer (Sika Sikalastic® 720) Note: Excludes crack repair or caulking.	4.38	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 18 16 00-0006		SF	12 Mil Thick, Vehicular Traffic Bearing Two-Component Aliphatic, Elastomeric Polyurethane, Protective Concrete Coating (Sika Sikalastic®-745 AL)	2.72	
			Note: Excludes crack repair or caulking.		
07 18 16 00-0007		SF	14 Mil Thick, Vehicular Traffic Bearing Two-Component Aliphatic, Elastomeric Polyurethane, Protective Concrete Coating (Sika Sikalastic®-745 AL)	2.87	
			Note: Excludes crack repair or caulking.		
07 18 16 00-0008		SF	16 Mil Thick, Vehicular Traffic Bearing Two-Component Aliphatic, Elastomeric Polyurethane, Protective Concrete Coating (Sika Sikalastic®-745 AL)	3.03	
			Note: Excludes crack repair or caulking.		
07 18 16 00-0009		SF	18 Mil Thick, Vehicular Traffic Bearing Two-Component Aliphatic, Elastomeric Polyurethane, Protective Concrete Coating (Sika Sikalastic®-745 AL)	3.17	
			Note: Excludes crack repair or caulking.		
07 18 16 00-0010		SF	14 Mil Thick, Vehicular Traffic Bearing Two-Component Aliphatic, Elastomeric Polyurethane, Wear And Top Concrete Coating (Sika Sikalastic®-745 Textured)	2.98	
			Note: Excludes crack repair or caulking.		
07 18 16 00-0011		SF	16 Mil Thick, Vehicular Traffic Bearing Two-Component Aliphatic, Elastomeric Polyurethane, Wear And Top Concrete Coating (Sika Sikalastic®-745 Textured)	3.21	
			Note: Excludes crack repair or caulking.		
07 18 16 00-0012		SF	18 Mil Thick, Vehicular Traffic Bearing Two-Component Aliphatic, Elastomeric Polyurethane, Wear And Top Concrete Coating (Sika Sikalastic®-745 Textured)	3.46	
			Note: Excludes crack repair or caulking.		

07 19 Water Repellents *(07 10)*

07 19 13 Acrylic Sealer *(07 19)*

Note: Per coat.

07 19 13 00-0001		SF	Spray On Concrete, Acrylic Sealer	2.40	
07 19 13 00-0002		SF	Spray On Concrete Block/Brick, Acrylic Sealer	2.85	
07 19 13 00-0003		SF	Spray On Stone, Acrylic Sealer	3.12	

07 19 16 Silane Water Repellents *(07 19)*

07 19 16 00-0001 Silane Concrete Sealer *(07 19 16)*

07 19 16 00-0002		SF	Spray On Concrete, Water Based, Silane Penetrating Water Repellent Sealer (Specchem SpecSilane 40 WB)	0.72	
07 19 16 00-0003		SF	Spray On Concrete Block/Brick, Water Based, Silane Penetrating Water Repellent Sealer (Specchem SpecSilane 40 WB)	1.07	

07 19 16 00-0004 Silane/Siloxane Concrete Sealer *(07 19 16)*

07 19 16 00-0005		SF	Spray On Concrete, Solvent Based, Silane/Siloxane Concrete Penetrating Water Repellent Sealer (Anti-Hydro Aridox 40)	1.35	
			Note: 40% silane, alcohol based.		
07 19 16 00-0006		SF	Spray On Concrete Block/Brick, Solvent Based, Silane/Siloxane Penetrating Water Repellent Sealer (Anti-Hydro Aridox 40)	1.97	
			Note: 40% silane, alcohol based.		
07 19 16 00-0007		SF	Spray On Concrete, Water-Based, Silane/Siloxane Penetrating Water Repellent Sealer (Prosoco Saltguard WB)	0.54	
			Note: 200 SF/GAL		
07 19 16 00-0008		SF	Spray On Concrete Block/Masonry, Water-Based, Silane/Siloxane Penetrating Water Repellent Sealer (Prosoco Saltguard WB)	0.78	

07 20 Thermal Protection *(07)*

07 21 Thermal Insulation *(07 20)*

07 21 13 Board Insulation *(07 21)*

Note: Types are stock sizes, mastic applied.

07 21 13 13 Foam Board Insulation *(07 21 13)*

07 21 13 13-0001 Cold Adhesive Applied Foam Board Insulation *(07 21 13 13)*

07 21 13 13-0002 Cold Adhesive Applied, Foam Glass (Cellular Glass), Foam Board Insulation *(07 21 13 13-0001)*

07 21 13 13-0003		SF	1" Thick, R3.44, Foam Glass (Cellular Glass), Foam Board Insulation, Cold Adhesive Applied	4.20	0.41
			For Horizontal Surface Application, Deduct	*-0.07*	
			For Vapor Barrier, Integral With Insulation, Add	*0.05*	
07 21 13 13-0004		SF	1-1/2" Thick, R5.16, Foam Glass (Cellular Glass), Foam Board Insulation, Cold Adhesive Applied	5.90	0.41
			For Horizontal Surface Application, Deduct	*-0.07*	
			For Vapor Barrier, Integral With Insulation, Add	*0.05*	
07 21 13 13-0005		SF	2" Thick, R6.88, Foam Glass (Cellular Glass), Foam Board Insulation, Cold Adhesive Applied	7.03	0.42
			For Horizontal Surface Application, Deduct	*-0.07*	
			For Vapor Barrier, Integral With Insulation, Add	*0.05*	
07 21 13 13-0006		SF	2-3/4" Thick, R8.17, Foam Glass (Cellular Glass), Foam Board Insulation, Cold Adhesive Applied	9.30	0.43
			For Horizontal Surface Application, Deduct	*-0.07*	
			For Vapor Barrier, Integral With Insulation, Add	*0.05*	

07 21 13 13-0007 Cold Adhesive Applied, Expanded Polystyrene, Foam Board Insulation *(07 21 13 13-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 21 13 13-0008	SF	3/8" Thick, R1.44, Molded Expanded Polystyrene, Foam Board Insulation (MEPS), Cold Adhesive Applied	1.83	0.40
		For Horizontal Surface Application, Deduct	*-0.07*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
07 21 13 13-0009	SF	1/2" Thick, R1.93, Molded Expanded Polystyrene, Foam Board Insulation (MEPS), Cold Adhesive Applied	1.91	0.40
		For Horizontal Surface Application, Deduct	*-0.07*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
07 21 13 13-0010	SF	3/4" Thick, R2.89, Molded Expanded Polystyrene, Foam Board Insulation (MEPS), Cold Adhesive Applied	2.19	0.41
		For Horizontal Surface Application, Deduct	*-0.07*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
07 21 13 13-0011	SF	1" Thick, R3.85, Molded Expanded Polystyrene, Foam Board Insulation (MEPS), Cold Adhesive Applied	2.46	0.41
		For Horizontal Surface Application, Deduct	*-0.07*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
07 21 13 13-0012	SF	2" Thick, R7.70, Molded Expanded Polystyrene, Foam Board Insulation (MEPS), Cold Adhesive Applied	3.56	0.42
		For Horizontal Surface Application, Deduct	*-0.07*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
07 21 13 13-0013	SF	3" Thick, R11.55, Molded Expanded Polystyrene, Foam Board Insulation (MEPS), Cold Adhesive Applied	4.66	0.43
		For Horizontal Surface Application, Deduct	*-0.07*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
07 21 13 13-0014	SF	4" Thick, R15.40, Molded Expanded Polystyrene, Foam Board Insulation (MEPS), Cold Adhesive Applied	5.75	0.44
		For Horizontal Surface Application, Deduct	*-0.07*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
07 21 13 13-0015	SF	5" Thick, R19.25, Molded Expanded Polystyrene, Foam Board Insulation (MEPS), Cold Adhesive Applied	6.85	0.45
		For Horizontal Surface Application, Deduct	*-0.08*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
07 21 13 13-0016	SF	6" Thick, R23.1, Molded Expanded Polystyrene, Foam Board Insulation (MEPS), Cold Adhesive Applied	7.95	0.46
		For Horizontal Surface Application, Deduct	*-0.08*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	

07 21 13 13-0017 Cold Adhesive Applied, Extruded Polystyrene, Foam Board Insulation *(07 21 13 13-0001)*

Note: 15 PSI compressive strength.

07 21 13 13-0018	SF	3/8" Thick, R1.9, Extruded Polystyrene, Foam Board Insulation, Cold Adhesive Applied	2.10	0.40
		For Horizontal Surface Application, Deduct	*-0.07*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For 25 PSI Compressive Strength, Add	*0.23*	
		For 40 PSI Compressive Strength, Add	*0.54*	
		For 60 PSI Compressive Strength, Add	*0.86*	
		For 115 PSI Compressive Strength, Add	*3.74*	
07 21 13 13-0019	SF	1/2" Thick, R2.5, Extruded Polystyrene, Foam Board Insulation, Cold Adhesive Applied	2.47	0.40
		For Horizontal Surface Application, Deduct	*-0.07*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For 25 PSI Compressive Strength, Add	*0.29*	
		For 40 PSI Compressive Strength, Add	*0.68*	
		For 60 PSI Compressive Strength, Add	*1.08*	
		For 115 PSI Compressive Strength, Add	*4.69*	
07 21 13 13-0020	SF	3/4" Thick, R3.7, Extruded Polystyrene, Foam Board Insulation, Cold Adhesive Applied	2.78	0.41
		For Horizontal Surface Application, Deduct	*-0.07*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For 25 PSI Compressive Strength, Add	*0.34*	
		For 40 PSI Compressive Strength, Add	*0.80*	
		For 60 PSI Compressive Strength, Add	*1.25*	
		For 115 PSI Compressive Strength, Add	*5.47*	
07 21 13 13-0021	SF	1" Thick, R5.0, Extruded Polystyrene, Foam Board Insulation, Cold Adhesive Applied	2.85	0.41
		For Horizontal Surface Application, Deduct	*-0.07*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For 25 PSI Compressive Strength, Add	*0.35*	
		For 40 PSI Compressive Strength, Add	*0.82*	
		For 60 PSI Compressive Strength, Add	*1.29*	
		For 115 PSI Compressive Strength, Add	*5.64*	
07 21 13 13-0022	SF	2" Thick, R10.0, Extruded Polystyrene, Foam Board Insulation, Cold Adhesive Applied	4.35	0.42
		For Horizontal Surface Application, Deduct	*-0.07*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For 25 PSI Compressive Strength, Add	*0.58*	
		For 40 PSI Compressive Strength, Add	*1.39*	
		For 60 PSI Compressive Strength, Add	*2.15*	
		For 115 PSI Compressive Strength, Add	*9.45*	
07 21 13 13-0023	SF	3" Thick, R15.0, Extruded Polystyrene, Foam Board Insulation, Cold Adhesive Applied	5.85	0.43
		For Horizontal Surface Application, Deduct	*-0.07*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For 25 PSI Compressive Strength, Add	*0.82*	
		For 40 PSI Compressive Strength, Add	*1.95*	
		For 60 PSI Compressive Strength, Add	*3.01*	
		For 115 PSI Compressive Strength, Add	*13.26*	
07 21 13 13-0024	SF	4" Thick, R20.0, Extruded Polystyrene, Foam Board Insulation, Cold Adhesive Applied	6.60	0.44
		For Horizontal Surface Application, Deduct	*-0.07*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For 25 PSI Compressive Strength, Add	*0.94*	
		For 40 PSI Compressive Strength, Add	*2.23*	
		For 60 PSI Compressive Strength, Add	*3.44*	
		For 115 PSI Compressive Strength, Add	*15.16*	

07 21 13 13-0025 Mechanically Fastened Foam Board Insulation *(07 21 13 13)*

Note: Mechanically fastened to wood or steel.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 21 13 13-0026		Mechanically Fastened, Foam Glass (Cellular Glass), Foam Board Insulation *(07 21 13 13-0025)*		
		Note: Mechanically fastened to wood or steel.		
07 21 13 13-0027	SF	1" Thick, R3.44, Foam Glass (Cellular Glass), Foam Board Insulation, Mechanically Fastened	4.18	0.41
		For Horizontal Surface Application, Deduct	*-0.08*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Mechanically Fastened To Concrete, Add	*1.44*	
		For Mechanically Fastened To Gypsum, Add	*1.98*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.75*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.04*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.51*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.12*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.07*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.77*	
07 21 13 13-0028	SF	1-1/2" Thick, R5.16, Foam Glass (Cellular Glass), Foam Board Insulation, Mechanically Fastened	5.98	0.41
		For Horizontal Surface Application, Deduct	*-0.08*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Mechanically Fastened To Concrete, Add	*1.49*	
		For Mechanically Fastened To Gypsum, Add	*1.91*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.92*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.12*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.51*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.37*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.15*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.77*	
07 21 13 13-0029	SF	2" Thick, R6.88, Foam Glass (Cellular Glass), Foam Board Insulation, Mechanically Fastened	7.11	0.42
		For Horizontal Surface Application, Deduct	*-0.09*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Mechanically Fastened To Concrete, Add	*1.49*	
		For Mechanically Fastened To Gypsum, Add	*1.91*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.92*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.12*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.54*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.37*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.15*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.81*	
07 21 13 13-0030	SF	2-3/4" Thick, R8.17, Foam Glass (Cellular Glass), Foam Board Insulation, Mechanically Fastened	9.48	0.43
		For Horizontal Surface Application, Deduct	*-0.09*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Mechanically Fastened To Concrete, Add	*1.53*	
		For Mechanically Fastened To Gypsum, Add	*1.99*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.04*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.25*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.71*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.58*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.40*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.09*	
07 21 13 13-0031		Mechanically Fastened, Expanded Polystyrene, Foam Board Insulation *(07 21 13 13-0025)*		
07 21 13 13-0032	SF	3/8" Thick, R1.44, Molded Expanded Polystyrene, Foam Board Insulation (MEPS)	1.79	0.40
		For Horizontal Surface Application, Deduct	*-0.08*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Mechanically Fastened To Concrete, Add	*1.44*	
		For Mechanically Fastened To Gypsum, Add	*1.98*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.75*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.04*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.51*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.12*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.07*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.77*	
07 21 13 13-0033	SF	1/2" Thick, R1.93, Molded Expanded Polystyrene, Foam Board Insulation (MEPS)	1.87	0.40
		For Horizontal Surface Application, Deduct	*-0.08*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Mechanically Fastened To Concrete, Add	*1.44*	
		For Mechanically Fastened To Gypsum, Add	*1.98*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.75*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.04*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.51*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.12*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.07*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.77*	
07 21 13 13-0034	SF	3/4" Thick, R2.89, Molded Expanded Polystyrene, Foam Board Insulation (MEPS)	2.14	0.41
		For Horizontal Surface Application, Deduct	*-0.08*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Mechanically Fastened To Concrete, Add	*1.44*	
		For Mechanically Fastened To Gypsum, Add	*1.98*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.75*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.04*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.51*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.12*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.07*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.77*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 21 13 13-0035	SF	1" Thick, R3.85, Molded Expanded Polystyrene, Foam Board Insulation (MEPS)	2.43	0.41
		For Horizontal Surface Application, Deduct	*-0.08*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Mechanically Fastened To Concrete, Add	*1.44*	
		For Mechanically Fastened To Gypsum, Add	*1.98*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.75*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.04*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.51*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.12*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.07*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.77*	
07 21 13 13-0036	SF	2" Thick, R7.70, Molded Expanded Polystyrene, Foam Board Insulation (MEPS)	3.64	0.42
		For Horizontal Surface Application, Deduct	*-0.09*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Mechanically Fastened To Concrete, Add	*1.49*	
		For Mechanically Fastened To Gypsum, Add	*1.91*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.92*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.12*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.54*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.37*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.15*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.81*	
07 21 13 13-0037	SF	3" Thick, R11.55, Molded Expanded Polystyrene, Foam Board Insulation (MEPS)	4.83	0.43
		For Horizontal Surface Application, Deduct	*-0.09*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Mechanically Fastened To Concrete, Add	*1.53*	
		For Mechanically Fastened To Gypsum, Add	*1.99*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.04*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.25*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.71*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.58*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.40*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.09*	
07 21 13 13-0038	SF	4" Thick, R15.40, Molded Expanded Polystyrene, Foam Board Insulation (MEPS)	6.09	0.44
		For Horizontal Surface Application, Deduct	*-0.09*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Mechanically Fastened To Concrete, Add	*1.57*	
		For Mechanically Fastened To Gypsum, Add	*1.98*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.25*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.46*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.87*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.87*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.70*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.32*	
07 21 13 13-0039	SF	5" Thick, R19.25, Molded Expanded Polystyrene, Foam Board Insulation (MEPS)	7.40	0.45
		For Horizontal Surface Application, Deduct	*-0.09*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Mechanically Fastened To Concrete, Add	*1.62*	
		For Mechanically Fastened To Gypsum, Add	*2.36*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.49*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.71*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*3.03*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*7.58*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.07*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.56*	
07 21 13 13-0040	SF	6" Thick, R23.1, Molded Expanded Polystyrene, Foam Board Insulation (MEPS)	8.73	0.46
		For Horizontal Surface Application, Deduct	*-0.09*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Mechanically Fastened To Concrete, Add	*1.66*	
		For Mechanically Fastened To Gypsum, Add	*1.97*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.74*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.97*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*3.29*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.62*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.47*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.94*	

07 21 13 13-0041 Mechanically Fastened, Extruded Polystyrene, Foam Board Insulation *(07 21 13 13-0025)*

Note: 15 PSI compressive strength. Mechanically fastened to wood or steel.

07 21 13 13-0042	SF	3/8" Thick, R1.9, Extruded Polystyrene, Foam Board Insulation, Mechanically Fastened	2.06	0.40
		For Horizontal Surface Application, Deduct	*-0.08*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For 25 PSI Compressive Strength, Add	*0.20*	
		For 40 PSI Compressive Strength, Add	*0.48*	
		For 60 PSI Compressive Strength, Add	*0.77*	
		For 115 PSI Compressive Strength, Add	*3.32*	
		For Mechanically Fastened To Concrete, Add	*1.44*	
		For Mechanically Fastened To Gypsum, Add	*1.98*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.75*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.04*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.51*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.12*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.07*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.77*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 21 13 13-0043	SF	1/2" Thick, R2.5, Extruded Polystyrene, Foam Board Insulation, Mechanically Fastened	2.44	0.40
		For Horizontal Surface Application, Deduct	*-0.08*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For 25 PSI Compressive Strength, Add	*0.26*	
		For 40 PSI Compressive Strength, Add	*0.62*	
		For 60 PSI Compressive Strength, Add	*0.99*	
		For 115 PSI Compressive Strength, Add	*4.29*	
		For Mechanically Fastened To Concrete, Add	*1.44*	
		For Mechanically Fastened To Gypsum, Add	*1.98*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.75*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.04*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.51*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.12*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.07*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.77*	
07 21 13 13-0044	SF	3/4" Thick, R3.7, Extruded Polystyrene, Foam Board Insulation, Mechanically Fastened	2.74	0.41
		For Horizontal Surface Application, Deduct	*-0.08*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For 25 PSI Compressive Strength, Add	*0.31*	
		For 40 PSI Compressive Strength, Add	*0.74*	
		For 60 PSI Compressive Strength, Add	*1.17*	
		For 115 PSI Compressive Strength, Add	*5.07*	
		For Mechanically Fastened To Concrete, Add	*1.44*	
		For Mechanically Fastened To Gypsum, Add	*1.98*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.75*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.04*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.51*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.12*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.07*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.77*	
07 21 13 13-0045	SF	1" Thick, R5.0, Extruded Polystyrene, Foam Board Insulation, Mechanically Fastened	2.83	0.41
		For Horizontal Surface Application, Deduct	*-0.08*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For 25 PSI Compressive Strength, Add	*0.32*	
		For 40 PSI Compressive Strength, Add	*0.76*	
		For 60 PSI Compressive Strength, Add	*1.21*	
		For 115 PSI Compressive Strength, Add	*5.25*	
		For Mechanically Fastened To Concrete, Add	*1.44*	
		For Mechanically Fastened To Gypsum, Add	*1.98*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.75*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.04*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.51*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.12*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.07*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.77*	
07 21 13 13-0046	SF	2" Thick, R10.0, Extruded Polystyrene, Foam Board Insulation, Mechanically Fastened	4.43	0.42
		For Horizontal Surface Application, Deduct	*-0.09*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For 25 PSI Compressive Strength, Add	*0.57*	
		For 40 PSI Compressive Strength, Add	*1.36*	
		For 60 PSI Compressive Strength, Add	*2.12*	
		For 115 PSI Compressive Strength, Add	*9.29*	
		For Mechanically Fastened To Concrete, Add	*1.49*	
		For Mechanically Fastened To Gypsum, Add	*1.91*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.92*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.12*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.54*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.37*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.15*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.81*	
07 21 13 13-0047	SF	3" Thick, R15.0, Extruded Polystyrene, Foam Board Insulation, Mechanically Fastened	6.02	0.43
		For Horizontal Surface Application, Deduct	*-0.09*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For 25 PSI Compressive Strength, Add	*0.82*	
		For 40 PSI Compressive Strength, Add	*1.96*	
		For 60 PSI Compressive Strength, Add	*3.03*	
		For 115 PSI Compressive Strength, Add	*13.32*	
		For Mechanically Fastened To Concrete, Add	*1.53*	
		For Mechanically Fastened To Gypsum, Add	*1.99*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.04*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.25*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.71*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.58*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.40*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 21 13 13-0048	SF	4" Thick, R20.0, Extruded Polystyrene, Foam Board Insulation, Mechanically Fastened	6.94	0.44
		For Horizontal Surface Application, Deduct	*-0.09*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For 25 PSI Compressive Strength, Add	*0.97*	
		For 40 PSI Compressive Strength, Add	*2.30*	
		For 60 PSI Compressive Strength, Add	*3.56*	
		For 115 PSI Compressive Strength, Add	*15.66*	
		For Mechanically Fastened To Concrete, Add	*1.57*	
		For Mechanically Fastened To Gypsum, Add	*1.98*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.25*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.46*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.87*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.87*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.70*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.32*	

07 21 13 16 Fibrous Board Insulation *(07 21 13)*

07 21 13 16-0001 Cold Adhesive Applied Fibrous Board Insulation *(07 21 13 16)*

07 21 13 16-0002 Cold Adhesive Applied, Wood Fiber (Cellulosic-Fiber), Fibrous Board Insulation *(07 21 13 16-0001)*

07 21 13 16-0003	SF	1" Thick, R2.6, Wood Fiber (Cellulosic-Fiber), Fibrous Board Insulation, Cold Adhesive Applied	2.66	0.51
		For Horizontal Surface Application, Deduct	*-0.09*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
07 21 13 16-0004	SF	2" Thick, R5.2, Wood Fiber (Cellulosic-Fiber), Fibrous Board Insulation, Cold Adhesive Applied	3.94	0.61
		For Horizontal Surface Application, Deduct	*-0.10*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
07 21 13 16-0005	SF	3" Thick, R7.8, Wood Fiber (Cellulosic-Fiber), Fibrous Board Insulation, Cold Adhesive Applied	5.21	0.72
		For Horizontal Surface Application, Deduct	*-0.12*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	

07 21 13 16-0006 Cold Adhesive Applied, Fiberglass, Fibrous Board Insulation *(07 21 13 16-0001)*

07 21 13 16-0007	SF	1" Thick, R4.2, Fiberglass, Fibrous Board Insulation, Cold Adhesive Applied	4.85	0.41
		For Horizontal Surface Application, Deduct	*-0.07*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
07 21 13 16-0008	SF	1-1/2" Thick, R6.0, Fiberglass, Fibrous Board Insulation, Cold Adhesive Applied	5.68	0.41
		For Horizontal Surface Application, Deduct	*-0.07*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
07 21 13 16-0009	SF	2" Thick, R8.0, Fiberglass, Fibrous Board Insulation, Cold Adhesive Applied	7.02	0.42
		For Horizontal Surface Application, Deduct	*-0.07*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
07 21 13 16-0010	SF	2-1/2" Thick, R10.0, Fiberglass, Fibrous Board Insulation, Cold Adhesive Applied	8.11	0.42
		For Horizontal Surface Application, Deduct	*-0.07*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
07 21 13 16-0011	SF	3" Thick, R12.4, Fiberglass, Fibrous Board Insulation, Cold Adhesive Applied	9.20	0.43
		For Horizontal Surface Application, Deduct	*-0.07*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	

07 21 13 16-0012 Mechanically Fastened Fibrous Board Insulation *(07 21 13 16)*

Note: Mechanically fastened to wood or steel.

07 21 13 16-0013 Mechanically Fastened, Wood Fiber (Cellulosic-Fiber), Fibrous Board Insulation *(07 21 13 16-0012)*

Note: Mechanically fastened to wood or steel.

07 21 13 16-0014	SF	1" Thick, R2.6, Wood Fiber (Cellulosic-Fiber), Fibrous Board Insulation, Mechanically Fastened	2.50	0.51
		For Horizontal Surface Application, Deduct	*-0.09*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
		For Mechanically Fastened To Concrete, Add	*1.44*	
		For Mechanically Fastened To Gypsum, Add	*1.98*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.75*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.04*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.51*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.12*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.07*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.77*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 21 13 16-0015	SF	2" Thick, R5.2, Wood Fiber (Cellulosic-Fiber), Fibrous Board Insulation, Mechanically Fastened	3.87	0.61
		For Horizontal Surface Application, Deduct	*-0.10*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
		For Mechanically Fastened To Concrete, Add	*1.49*	
		For Mechanically Fastened To Gypsum, Add	*1.91*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.92*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.12*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.54*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.37*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.15*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.81*	
07 21 13 16-0016	SF	3" Thick, R7.8, Wood Fiber (Cellulosic-Fiber), Fibrous Board Insulation, Mechanically Fastened	5.24	0.72
		For Horizontal Surface Application, Deduct	*-0.12*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
		For Mechanically Fastened To Concrete, Add	*1.53*	
		For Mechanically Fastened To Gypsum, Add	*1.99*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.04*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.25*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.71*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.58*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.40*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.09*	
07 21 13 16-0017		**Mechanically Fastened, Fiberglass, Fibrous Board Insulation** *(07 21 13 16-0012)*		
		Note: Mechanically fastened to wood or steel.		
07 21 13 16-0018	SF	1" Thick, R4.2, Fiberglass, Fibrous Board Insulation, Mechanically Fastened	4.82	0.41
		For Horizontal Surface Application, Deduct	*-0.08*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
		For Mechanically Fastened To Concrete, Add	*1.44*	
		For Mechanically Fastened To Gypsum, Add	*1.98*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.75*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.04*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.51*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.12*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.07*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.77*	
07 21 13 16-0019	SF	1-1/2" Thick, R6.0, Fiberglass, Fibrous Board Insulation, Mechanically Fastened	5.76	0.41
		For Horizontal Surface Application, Deduct	*-0.08*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
		For Mechanically Fastened To Concrete, Add	*1.49*	
		For Mechanically Fastened To Gypsum, Add	*1.91*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.92*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.12*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.51*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.37*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.15*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.77*	
07 21 13 16-0020	SF	2" Thick, R8.0, Fiberglass, Fibrous Board Insulation, Mechanically Fastened	7.10	0.42
		For Horizontal Surface Application, Deduct	*-0.09*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
		For Mechanically Fastened To Concrete, Add	*1.49*	
		For Mechanically Fastened To Gypsum, Add	*1.91*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.92*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.12*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.54*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.37*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.15*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.81*	
07 21 13 16-0021	SF	2-1/2" Thick, R10.0, Fiberglass, Fibrous Board Insulation, Mechanically Fastened	8.30	0.42
		For Horizontal Surface Application, Deduct	*-0.09*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
		For Mechanically Fastened To Concrete, Add	*1.53*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.04*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.25*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.58*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.40*	
		For Mechanically Fastened To Gypsum, Add	*1.93*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.65*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 21 13 16-0022	SF	3" Thick, R12.4, Fiberglass, Fibrous Board Insulation, Mechanically Fastened	9.38	0.43
		For Horizontal Surface Application, Deduct	*-0.09*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
		For Mechanically Fastened To Concrete, Add	*1.53*	
		For Mechanically Fastened To Gypsum, Add	*1.99*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.04*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.25*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.71*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.58*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.40*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.09*	

07 21 13 19 Mineral Board Insulation *(07 21 13)*

07 21 13 19-0001 Cold Adhesive Applied Mineral Board Insulation *(07 21 13 19)*

07 21 13 19-0002 Cold Adhesive Applied, High-Density Fiberboard, Mineral Board Insulation
(07 21 13 19-0001)

07 21 13 19-0003	SF	1/2" Thick, R1.3, High-Density Fiberboard, Mineral Board Insulation, Cold Adhesive Applied	2.01	0.46
		For Horizontal Surface Application, Deduct	*-0.08*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
07 21 13 19-0004	SF	25/32" Thick, R1.9, High-Density Fiberboard, Mineral Board Insulation, Cold Adhesive Applied	2.40	0.48
		For Horizontal Surface Application, Deduct	*-0.08*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
07 21 13 19-0005	SF	1" Thick, R2.5, High-Density Fiberboard, Mineral Board Insulation, Cold Adhesive Applied	2.80	0.51
		For Horizontal Surface Application, Deduct	*-0.09*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
07 21 13 19-0006	SF	1-1/2" Thick, R3.8, High-Density Fiberboard, Mineral Board Insulation, Cold Adhesive Applied	3.51	0.56
		For Horizontal Surface Application, Deduct	*-0.10*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
07 21 13 19-0007	SF	2" Thick, R5.0, High-Density Fiberboard, Mineral Board Insulation, Cold Adhesive Applied	4.21	0.61
		For Horizontal Surface Application, Deduct	*-0.10*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
07 21 13 19-0008	SF	3" Thick, R7.5, High-Density Fiberboard, Mineral Board Insulation, Cold Adhesive Applied	5.62	0.72
		For Horizontal Surface Application, Deduct	*-0.12*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	

07 21 13 19-0009 Mechanically Fastened Mineral Board Insulation *(07 21 13 19)*
Note: Mechanically fastened to wood or steel.

07 21 13 19-0010 Mechanically Fastened, High-Density Fiberboard, Mineral Board Insulation
(07 21 13 19-0009)
Note: Mechanically fastened to wood or steel.

07 21 13 19-0011	SF	1/2" Thick, R1.3, High-Density Fiberboard, Mineral Board Insulation, Mechanically Fastened	1.84	0.46
		For Horizontal Surface Application, Deduct	*-0.08*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
		For Mechanically Fastened To Concrete, Add	*1.44*	
		For Mechanically Fastened To Gypsum, Add	*1.98*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.75*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.04*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.51*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.12*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.07*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.77*	
07 21 13 19-0012	SF	25/32" Thick, R1.9, High-Density Fiberboard, Mineral Board Insulation, Mechanically Fastened	2.23	0.48
		For Horizontal Surface Application, Deduct	*-0.08*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
		For Mechanically Fastened To Concrete, Add	*1.44*	
		For Mechanically Fastened To Gypsum, Add	*1.98*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.75*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.04*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.51*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.12*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.07*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.77*	
07 21 13 19-0013	SF	1" Thick, R2.5, High-Density Fiberboard, Mineral Board Insulation, Mechanically Fastened	2.63	0.51
		For Horizontal Surface Application, Deduct	*-0.09*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
		For Mechanically Fastened To Concrete, Add	*1.44*	
		For Mechanically Fastened To Gypsum, Add	*1.98*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.75*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.04*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.51*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.12*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.07*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.77*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 21 13 19-0014	SF	1-1/2" Thick, R3.8, High-Density Fiberboard, Mineral Board Insulation, Mechanically Fastened	3.44	0.56
		For Horizontal Surface Application, Deduct	*-0.10*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
		For Mechanically Fastened To Concrete, Add	*1.49*	
		For Mechanically Fastened To Gypsum, Add	*1.91*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.92*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.12*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.51*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.37*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.15*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.77*	
07 21 13 19-0015	SF	2" Thick, R5.0, High-Density Fiberboard, Mineral Board Insulation, Mechanically Fastened	4.14	0.61
		For Horizontal Surface Application, Deduct	*-0.10*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
		For Mechanically Fastened To Concrete, Add	*1.49*	
		For Mechanically Fastened To Gypsum, Add	*1.91*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.92*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.12*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.54*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.37*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.15*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.81*	
07 21 13 19-0016	SF	3" Thick, R7.5, High-Density Fiberboard, Mineral Board Insulation, Mechanically Fastened	5.64	0.72
		For Horizontal Surface Application, Deduct	*-0.12*	
		For Vapor Barrier, Integral With Insulation, Add	*0.05*	
		For Factory Painted On One Surface Add	*0.17*	
		For Mechanically Fastened To Concrete, Add	*1.53*	
		For Mechanically Fastened To Gypsum, Add	*1.99*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.04*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.25*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.71*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.58*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.40*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.09*	

07 21 16 Blanket Insulation *(07 21)*

Note: All insulation rolls or batts applied to wood or steel studs or between rafters or between metal building "skin" and framing.

07 21 16 00-0001 Fiberglass Flexible Insulation *(07 21 16)*

Note: Rolls or batts.

07 21 16 00-0002 Kraft Faced, Fiberglass Flexible Insulation *(07 21 16 00-0001)*

07 21 16 00-0003	SF	3-1/2" Thick, Kraft Faced, R-11 Fiberglass Flexible Insulation	1.42	0.45
		For >1,600, Deduct	*-0.15*	
07 21 16 00-0004	SF	3-1/2" Thick, Kraft Faced, R-13 Fiberglass Flexible Insulation	1.52	0.45
		For >1,600, Deduct	*-0.17*	
07 21 16 00-0005	SF	3-1/2" Thick, Kraft Faced, R-15 Fiberglass Flexible Insulation	1.56	0.45
		For >1,600, Deduct	*-0.18*	
07 21 16 00-0006	SF	5-1/2" Thick, Kraft Faced, R-21 Fiberglass Flexible Insulation	2.07	0.45
		For >1,600, Deduct	*-0.27*	
07 21 16 00-0007	SF	6-1/4" Thick, Kraft Faced, R-19 Fiberglass Flexible Insulation	1.76	0.45
		For >1,600, Deduct	*-0.21*	
07 21 16 00-0008	SF	9-1/2" Thick, Kraft Faced, R-30 Fiberglass Flexible Insulation	2.43	0.57
		For >1,600, Deduct	*-0.32*	
07 21 16 00-0009	SF	12" Thick, Kraft Faced, R-38 Fiberglass Flexible Insulation	2.76	0.57
		For >1,600, Deduct	*-0.36*	

07 21 16 00-0010 Unfaced, Fiberglass Flexible Insulation *(07 21 16 00-0001)*

07 21 16 00-0011	SF	3-1/2" Thick, Unfaced, R-11 Fiberglass Flexible Insulation	1.35	0.45
		For >1,600, Deduct	*-0.14*	
07 21 16 00-0012	SF	3-1/2" Thick, Unfaced, R-13 Fiberglass Flexible Insulation	1.47	0.45
		For >1,600, Deduct	*-0.16*	
07 21 16 00-0013	SF	3-1/2" Thick, Unfaced, R-15 Fiberglass Flexible Insulation	1.93	0.45
		For >1,600, Deduct	*-0.25*	
07 21 16 00-0014	SF	5-1/2" Thick, Unfaced, R-21 Fiberglass Flexible Insulation	1.99	0.45
		For >1,600, Deduct	*-0.26*	
07 21 16 00-0015	SF	6-1/4" Thick, Unfaced, R-19 Fiberglass Flexible Insulation	1.71	0.45
		For >1,600, Deduct	*-0.20*	
07 21 16 00-0016	SF	9-1/2" Thick, Unfaced, R-30 Fiberglass Flexible Insulation	2.29	0.57
		For >1,600, Deduct	*-0.29*	
07 21 16 00-0017	SF	12" Thick, Unfaced, R-38 Fiberglass Flexible Insulation	2.67	0.57
		For >1,600, Deduct	*-0.34*	

07 21 16 00-0018 Foil Faced, Fiberglass Flexible Insulation *(07 21 16 00-0001)*

07 21 16 00-0019	SF	3-1/2" Thick, Foil Faced, R-11 Fiberglass Flexible Insulation	1.61	0.45
		For >1,600, Deduct	*-0.19*	
07 21 16 00-0020	SF	3-1/2" Thick, Foil Faced, R-13 Fiberglass Flexible Insulation	1.79	0.45
		For >1,600, Deduct	*-0.22*	
07 21 16 00-0021	SF	6-1/4" Thick, Foil Faced, R-19 Fiberglass Flexible Insulation	2.01	0.45
		For >1,600, Deduct	*-0.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 21 16 00-0022	SF	10-1/4" Thick, Foil Faced, R-38 Fiberglass Flexible Insulation	2.83	0.57
		For >1,600, Deduct	*-0.38*	
07 21 16 00-0023	SF	12" Thick, Foil Faced, R-38 Fiberglass Flexible Insulation	3.09	0.57
		For >1,600, Deduct	*-0.43*	

07 21 16 00-0024 Poly-Encapsulated, Fiberglass Flexible Insulation *(07 21 16 00-0001)*

07 21 16 00-0025	SF	3-1/2" Thick, Poly-Encapsulated, R-11 Fiberglass Flexible Insulation	1.45	0.45
		For >1,600, Deduct	*-0.16*	
07 21 16 00-0026	SF	3-1/2" Thick, Poly-Encapsulated, R-13 Fiberglass Flexible Insulation	1.56	0.45
		For >1,600, Deduct	*-0.18*	
07 21 16 00-0027	SF	5-1/2" Thick, Poly-Encapsulated, R-21 Fiberglass Flexible Insulation	2.13	0.45
		For >1,600, Deduct	*-0.29*	
07 21 16 00-0028	SF	6-1/2" Thick, Poly-Encapsulated, R-19 Fiberglass Flexible Insulation	1.78	0.45
		For >1,600, Deduct	*-0.21*	
07 21 16 00-0029	SF	8-1/4" Thick, Poly-Encapsulated, R-25 Fiberglass Flexible Insulation	2.36	0.57
		For >1,600, Deduct	*-0.32*	
07 21 16 00-0030	SF	10-1/4" Thick, Poly-Encapsulated, R-30 Fiberglass Flexible Insulation	2.67	0.57
		For >1,600, Deduct	*-0.34*	

07 21 16 00-0031 Mineral Wool Flexible Insulation *(07 21 16)*

07 21 16 00-0032 Kraft Faced, Mineral Wool Flexible Insulation *(07 21 16 00-0031)*

07 21 16 00-0033	SF	3-1/2" Kraft Faced, R-11 Mineral Wool Flexible Insulation	1.58	0.45
		For >1,600, Deduct	*-0.18*	
07 21 16 00-0034	SF	6-1/4" Kraft Faced, R-19 Mineral Wool Flexible Insulation	2.09	0.45
		For >1,600, Deduct	*-0.27*	
07 21 16 00-0035	SF	9-1/2" Kraft Faced, R-30 Mineral Wool Flexible Insulation	3.22	0.45
		For >1,600, Deduct	*-0.48*	
07 21 16 00-0036	SF	12" Kraft Faced, R-38 Mineral Wool Flexible Insulation	3.83	0.45
		For >1,600, Deduct	*-0.57*	

07 21 16 00-0037 Unfaced, Mineral Wool Flexible Insulation *(07 21 16 00-0031)*

07 21 16 00-0038	SF	3-1/2" Unfaced, R-11 Mineral Wool Flexible Insulation	1.47	0.45
		For >1,600, Deduct	*-0.16*	
07 21 16 00-0039	SF	6-1/4" Unfaced, R-19 Mineral Wool Flexible Insulation	1.92	0.45
		For >1,600, Deduct	*-0.24*	
07 21 16 00-0040	SF	9-1/2" Unfaced, R-30 Mineral Wool Flexible Insulation	2.91	0.45
		For >1,600, Deduct	*-0.42*	
07 21 16 00-0041	SF	12" Unfaced, R-38 Mineral Wool Flexible Insulation	3.45	0.45
		For >1,600, Deduct	*-0.50*	

07 21 19 Foamed-In-Place Insulation *(07 21)*

07 21 19 00-0001 Polyurethane Foam Insulation, Sprayed On *(07 21 19)*

07 21 19 00-0002	EA	Foamed-In-Place, Spray Polyurethane Insulation Minimum Charge Note: For projects where the total foamed-in-place insulation charge is less than the minimum charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	1,503.24	
07 21 19 00-0003	SF	1" Thick, R3.8, 0.5 PCF, Open Cell, Spray Polyurethane Foam Insulation	1.53	
		For Up To 250 SF, Add	*0.58*	
		For >250 To 500 SF, Add	*0.29*	
		For >500 To 1,000 SF, Add	*0.12*	
		For >5,000 To 10,000 SF, Deduct	*-0.18*	
		For >10,000 SF, Deduct	*-0.46*	
07 21 19 00-0004	SF	1-1/2" Thick, R5.7, 0.5 PCF, Open Cell, Spray Polyurethane Foam Insulation	2.08	
		For Up To 250 SF, Add	*0.76*	
		For >250 To 500 SF, Add	*0.38*	
		For >500 To 1,000 SF, Add	*0.16*	
		For >5,000 To 10,000 SF, Deduct	*-0.24*	
		For >10,000 SF, Deduct	*-0.60*	
07 21 19 00-0005	SF	2" Thick, R7.6, 0.5 PCF, Open Cell, Spray Polyurethane Foam Insulation	2.62	
		For Up To 250 SF, Add	*0.94*	
		For >250 To 500 SF, Add	*0.47*	
		For >500 To 1,000 SF, Add	*0.20*	
		For >5,000 To 10,000 SF, Deduct	*-0.30*	
		For >10,000 SF, Deduct	*-0.74*	
07 21 19 00-0006	SF	2-1/2" Thick, R9.5, 0.5 PCF, Open Cell, Spray Polyurethane Foam Insulation	3.16	
		For Up To 250 SF, Add	*1.12*	
		For >250 To 500 SF, Add	*0.56*	
		For >500 To 1,000 SF, Add	*0.24*	
		For >5,000 To 10,000 SF, Deduct	*-0.36*	
		For >10,000 SF, Deduct	*-0.88*	
07 21 19 00-0007	SF	3" Thick, R11.4, 0.5 PCF, Open Cell, Spray Polyurethane Foam Insulation	3.70	
		For Up To 250 SF, Add	*1.29*	
		For >250 To 500 SF, Add	*0.65*	
		For >500 To 1,000 SF, Add	*0.28*	
		For >5,000 To 10,000 SF, Deduct	*-0.42*	
		For >10,000 SF, Deduct	*-1.02*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 21 19 00-0008	SF	3-1/2" Thick, R13.3, 0.5 PCF, Open Cell, Spray Polyurethane Foam Insulation	4.24	
		For Up To 250 SF, Add	*1.47*	
		For >250 To 500 SF, Add	*0.73*	
		For >500 To 1,000 SF, Add	*0.32*	
		For >5,000 To 10,000 SF, Deduct	*-0.47*	
		For >10,000 SF, Deduct	*-1.15*	
07 21 19 00-0009	SF	4" Thick, R15.2, 0.5 PCF, Open Cell, Spray Polyurethane Foam Insulation	4.78	
		For Up To 250 SF, Add	*1.65*	
		For >250 To 500 SF, Add	*0.82*	
		For >500 To 1,000 SF, Add	*0.35*	
		For >5,000 To 10,000 SF, Deduct	*-0.53*	
		For >10,000 SF, Deduct	*-1.29*	
07 21 19 00-0010	SF	4-1/2" Thick, R17.1, 0.5 PCF, Open Cell, Spray Polyurethane Foam Insulation	5.32	
		For Up To 250 SF, Add	*1.82*	
		For >250 To 500 SF, Add	*0.91*	
		For >500 To 1,000 SF, Add	*0.39*	
		For >5,000 To 10,000 SF, Deduct	*-0.59*	
		For >10,000 SF, Deduct	*-1.43*	
07 21 19 00-0011	SF	5" Thick, R19.0, 0.5 PCF, Open Cell, Spray Polyurethane Foam Insulation	5.85	
		For Up To 250 SF, Add	*2.00*	
		For >250 To 500 SF, Add	*1.00*	
		For >500 To 1,000 SF, Add	*0.43*	
		For >5,000 To 10,000 SF, Deduct	*-0.65*	
		For >10,000 SF, Deduct	*-1.57*	
07 21 19 00-0012	SF	5-1/2" Thick, R20.9, 0.5 PCF, Open Cell, Spray Polyurethane Foam Insulation	6.40	
		For Up To 250 SF, Add	*2.18*	
		For >250 To 500 SF, Add	*1.09*	
		For >500 To 1,000 SF, Add	*0.47*	
		For >5,000 To 10,000 SF, Deduct	*-0.70*	
		For >10,000 SF, Deduct	*-1.71*	
07 21 19 00-0013	SF	6" Thick, R22.8, 0.5 PCF, Open Cell, Spray Polyurethane Foam Insulation	6.94	
		For Up To 250 SF, Add	*2.35*	
		For >250 To 500 SF, Add	*1.18*	
		For >500 To 1,000 SF, Add	*0.51*	
		For >5,000 To 10,000 SF, Deduct	*-0.76*	
		For >10,000 SF, Deduct	*-1.85*	
07 21 19 00-0014	SF	1" Thick, R6.5, 2.0 PCF, Closed Cell, Spray Polyurethane Foam Insulation	2.97	
		For Up To 250 SF, Add	*1.11*	
		For >250 To 500 SF, Add	*0.56*	
		For >500 To 1,000 SF, Add	*0.24*	
		For >5,000 To 10,000 SF, Deduct	*-0.35*	
		For >10,000 SF, Deduct	*-0.88*	
07 21 19 00-0015	SF	1-1/2" Thick, R9.75, 2.0 PCF, Closed Cell, Spray Polyurethane Foam Insulation	3.93	
		For Up To 250 SF, Add	*1.41*	
		For >250 To 500 SF, Add	*0.70*	
		For >500 To 1,000 SF, Add	*0.30*	
		For >5,000 To 10,000 SF, Deduct	*-0.45*	
		For >10,000 SF, Deduct	*-1.11*	
07 21 19 00-0016	SF	2" Thick, R13.0, 2.0 PCF, Closed Cell, Spray Polyurethane Foam Insulation	4.78	
		For Up To 250 SF, Add	*1.65*	
		For >250 To 500 SF, Add	*0.82*	
		For >500 To 1,000 SF, Add	*0.35*	
		For >5,000 To 10,000 SF, Deduct	*-0.53*	
		For >10,000 SF, Deduct	*-1.29*	
07 21 19 00-0017	SF	2-1/2" Thick, R16.25, 2.0 PCF, Closed Cell, Spray Polyurethane Foam Insulation	5.74	
		For Up To 250 SF, Add	*1.94*	
		For >250 To 500 SF, Add	*0.97*	
		For >500 To 1,000 SF, Add	*0.42*	
		For >5,000 To 10,000 SF, Deduct	*-0.63*	
		For >10,000 SF, Deduct	*-1.52*	
07 21 19 00-0018	SF	3" Thick, R19.5, 2.0 PCF, Closed Cell, Spray Polyurethane Foam Insulation	6.59	
		For Up To 250 SF, Add	*2.18*	
		For >250 To 500 SF, Add	*1.09*	
		For >500 To 1,000 SF, Add	*0.47*	
		For >5,000 To 10,000 SF, Deduct	*-0.71*	
		For >10,000 SF, Deduct	*-1.71*	
07 21 19 00-0019	SF	3-1/2" Thick, R22.75, 2.0 PCF, Closed Cell, Spray Polyurethane Foam Insulation	7.56	
		For Up To 250 SF, Add	*2.48*	
		For >250 To 500 SF, Add	*1.24*	
		For >500 To 1,000 SF, Add	*0.54*	
		For >5,000 To 10,000 SF, Deduct	*-0.81*	
		For >10,000 SF, Deduct	*-1.94*	
07 21 19 00-0020	SF	4" Thick, R26.0, 2.0 PCF, Closed Cell, Spray Polyurethane Foam Insulation	8.40	
		For Up To 250 SF, Add	*2.72*	
		For >250 To 500 SF, Add	*1.36*	
		For >500 To 1,000 SF, Add	*0.59*	
		For >5,000 To 10,000 SF, Deduct	*-0.89*	
		For >10,000 SF, Deduct	*-2.12*	
07 21 19 00-0021	SF	4-1/2" Thick, R29.25, 2.0 PCF, Closed Cell, Spray Polyurethane Foam Insulation	9.36	
		For Up To 250 SF, Add	*3.01*	
		For >250 To 500 SF, Add	*1.50*	
		For >500 To 1,000 SF, Add	*0.66*	
		For >5,000 To 10,000 SF, Deduct	*-0.99*	
		For >10,000 SF, Deduct	*-2.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 21 19 00-0022	SF	5" Thick, R32.5, 2.0 PCF, Closed Cell, Spray Polyurethane Foam Insulation	10.21	
		For Up To 250 SF, Add	*3.25*	
		For >250 To 500 SF, Add	*1.62*	
		For >500 To 1,000 SF, Add	*0.71*	
		For >5,000 To 10,000 SF, Deduct	*-1.07*	
		For >10,000 SF, Deduct	*-2.54*	
07 21 19 00-0023	SF	5-1/2" Thick, R35.75, 2.0 PCF, Closed Cell, Spray Polyurethane Foam Insulation	11.18	
		For Up To 250 SF, Add	*3.55*	
		For >250 To 500 SF, Add	*1.77*	
		For >500 To 1,000 SF, Add	*0.78*	
		For >5,000 To 10,000 SF, Deduct	*-1.17*	
		For >10,000 SF, Deduct	*-2.77*	
07 21 19 00-0024	SF	6" Thick, R39.0, 2.0 PCF, Closed Cell, Spray Polyurethane Foam Insulation	12.02	
		For Up To 250 SF, Add	*3.78*	
		For >250 To 500 SF, Add	*1.89*	
		For >500 To 1,000 SF, Add	*0.83*	
		For >5,000 To 10,000 SF, Deduct	*-1.25*	
		For >10,000 SF, Deduct	*-2.95*	

07 21 19 00-0025 Expanding Foam Insulation To Fill Hollow Metal Door Frames *(07 21 19)*

07 21 19 00-0026	LF	Expanding Foam Insulation To Fill 4-3/4" Deep Hollow Metal Door Frame	4.97	
07 21 19 00-0027	LF	Expanding Foam Insulation To Fill 5-3/4" Deep Hollow Metal Door Frame	6.20	
07 21 19 00-0028	LF	Expanding Foam Insulation To Fill 6-3/4" Deep Hollow Metal Door Frame	7.44	
07 21 19 00-0029	LF	Expanding Foam Insulation To Fill 6-3/4" Through 8-3/4" Deep Hollow Metal Door Frame	8.73	
07 21 19 00-0030	LF	Expanding Foam Insulation To Fill 8-7/8" Through 13" Deep Hollow Metal Door Frame	10.11	

07 21 19 00-0031 Expanding Foam Insulation To Fill Window Frames *(07 21 19)*

07 21 19 00-0032	LF	Expanding Foam Insulation To Fill Window Frame	4.87	

07 21 23 Loose-Fill Insulation *(07 21)*

07 21 23 00-0001 Poured Type, Loose Fill Insulation *(07 21 23)*

07 21 23 00-0002	CF	R-4/Inch, Poured Type, Fiberglass Loose Fill Insulation	6.72	2.62
07 21 23 00-0003	CF	R-3.8/Inch, Poured Type, Cellulose Loose Fill Insulation	6.75	2.62

07 21 23 00-0004 Concrete Block Wall Cavity Insulation *(07 21 23)*

07 21 23 00-0005	CF	R-2.7, Vermiculite Or Perlite, Concrete Block Wall Cavity Insulation	9.14	2.62
07 21 23 00-0006	CF	R-4, Polystyrene Foam, Concrete Block Wall Cavity Insulation	9.06	2.62

07 21 26 Blown Insulation *(07 21)*

07 21 26 00-0001 Fiberglass Blown-In Insulation *(07 21 26)*

07 21 26 00-0002 Attic, Fiberglass Blown-In Insulation *(07 21 26 00-0001)*

07 21 26 00-0003	SF	4-1/2" Thick, R-11 Attic, Fiberglass Blown In Insulation	1.49	1.21
07 21 26 00-0004	SF	5-1/4" Thick, R-13 Attic, Fiberglass Blown In Insulation	1.65	1.33
07 21 26 00-0005	SF	6-1/2" Thick, R-17 Attic, Fiberglass Blown In Insulation	1.84	1.45
07 21 26 00-0006	SF	7-1/2" Thick, R-19 Attic, Fiberglass Blown In Insulation	2.05	1.57
07 21 26 00-0007	SF	8-1/2" Thick, R-22 Attic, Fiberglass Blown In Insulation	2.19	1.64
07 21 26 00-0008	SF	10-1/4" Thick, R-26 Attic, Fiberglass Blown In Insulation	2.34	1.69
07 21 26 00-0009	SF	11-1/2" Thick, R-30 Attic, Fiberglass Blown In Insulation	2.52	1.76
07 21 26 00-0010	SF	12-1/2" Thick, R-32 Attic, Fiberglass Blown In Insulation	2.64	1.81
07 21 26 00-0011	SF	13-1/2" Thick, R-35 Attic, Fiberglass Blown In Insulation	2.84	1.94
07 21 26 00-0012	SF	14-1/2" Thick, R-38 Attic, Fiberglass Blown In Insulation	2.99	2.00
07 21 26 00-0013	SF	16-1/2" Thick, R-44 Attic, Fiberglass Blown In Insulation	3.21	2.06
07 21 26 00-0014	SF	18-1/2" Thick, R-49 Attic, Fiberglass Blown In Insulation	3.48	2.18
07 21 26 00-0015	SF	21-3/4" Thick, R-60 Attic, Fiberglass Blown In Insulation	4.02	2.42

07 21 26 00-0016 New Wall, Fiberglass Blown-In Insulation *(07 21 26 00-0001)*

07 21 26 00-0017	SF	3-1/2" Thick, R-15 New Wall, Fiberglass Blown In Insulation	2.15	1.21
07 21 26 00-0018	SF	5-1/2" Thick, R-23 New Wall, Fiberglass Blown In Insulation	2.85	1.45
07 21 26 00-0019	SF	7-1/4" Thick, R-31 New Wall, Fiberglass Blown In Insulation	3.37	1.57
07 21 26 00-0020	SF	9-1/4" Thick, R-39 New Wall, Fiberglass Blown In Insulation	4.00	1.69

07 21 26 00-0021 Existing Wall, Fiberglass Blown-In Insulation *(07 21 26 00-0001)*

Note: Includes drilling. Excludes patching.

07 21 26 00-0022	SF	3-1/2" Thick, R-15 Existing Wall, Fiberglass Blown In Insulation	2.04	1.21
07 21 26 00-0023	SF	5-1/2" Thick, R-23 Existing Wall, Fiberglass Blown In Insulation	2.75	1.45
07 21 26 00-0024	SF	7-1/4" Thick, R-31 Existing Wall, Fiberglass Blown In Insulation	3.27	1.57
07 21 26 00-0025	SF	9-1/4" Thick, R-39 Existing Wall, Fiberglass Blown In Insulation	3.90	1.69

07 21 26 00-0026 Cellulose Blown-In Insulation *(07 21 26)*

07 21 26 00-0027 Attic, Cellulose Blown-In Insulation *(07 21 26 00-0026)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 21 26 00-0028	SF	3-3/4" Thick, R-13 Attic, Cellulose Blown In Insulation	1.46	1.21
07 21 26 00-0029	SF	5-1/2" Thick, R-19 Attic, Cellulose Blown In Insulation	1.72	1.33
07 21 26 00-0030	SF	6-1/4" Thick, R-22 Attic, Cellulose Blown In Insulation	1.91	1.45
07 21 26 00-0031	SF	7-3/4" Thick, R-28 Attic, Cellulose Blown In Insulation	2.19	1.57
07 21 26 00-0032	SF	8-1/2" Thick, R-30 Attic, Cellulose Blown In Insulation	2.22	1.57
07 21 26 00-0033	SF	10-3/4" Thick, R-38 Attic, Cellulose Blown In Insulation	2.54	1.69
07 21 26 00-0034	SF	11-1/4" Thick, R-40 Attic, Cellulose Blown In Insulation	2.60	1.69
07 21 26 00-0035	SF	12-1/2" Thick, R-45 Attic, Cellulose Blown In Insulation	2.83	1.81
07 21 26 00-0036	SF	13-3/4" Thick, R-50 Attic, Cellulose Blown In Insulation	2.97	1.81
07 21 26 00-0037	SF	15-1/2" Thick, R-55 Attic, Cellulose Blown In Insulation	3.21	1.94
07 21 26 00-0038	SF	16-1/2" Thick, R-60 Attic, Cellulose Blown In Insulation	3.35	1.94
07 21 26 00-0039		New Wall, Cellulose Blown-In Insulation *(07 21 26 00-0026)*		
07 21 26 00-0040	SF	3-1/2" Thick, R-13 New Wall, Cellulose Blown In Insulation	1.86	1.21
07 21 26 00-0041	SF	5-1/2" Thick, R-20 New Wall, Cellulose Blown In Insulation	2.41	1.45
07 21 26 00-0042	SF	7-1/4" Thick, R-27 New Wall, Cellulose Blown In Insulation	2.78	1.57
07 21 26 00-0043	SF	9-1/4" Thick, R-34 New Wall, Cellulose Blown In Insulation	3.24	1.69
07 21 26 00-0044		Existing Wall, Cellulose Blown-In Insulation *(07 21 26 00-0026)*		
		Note: Includes drilling. Excludes patching.		
07 21 26 00-0045	SF	3-1/2" Thick, R-13 Existing Wall, Cellulose Blown In Insulation	1.75	1.21
07 21 26 00-0046	SF	5-1/2" Thick, R-20 Existing Wall, Cellulose Blown In Insulation	2.31	1.45
07 21 26 00-0047	SF	7-1/4" Thick, R-27 Existing Wall, Cellulose Blown In Insulation	2.68	1.57
07 21 26 00-0048	SF	9-1/4" Thick, R-34 Existing Wall, Cellulose Blown In Insulation	3.14	1.69
07 21 29		**Sprayed Insulation** *(07 21)*		
07 21 29 00-0001		Fiber Sprayed On Insulation *(07 21 29)*		
		Note: Per each 1" of thickness.		
07 21 29 00-0002	SF	1" Thick, R2.7, Spray-on Perlite Insulation	2.53	0.78
07 21 29 00-0003	SF	1" Thick, R3.7, Spray-on Fibrous/Cementitious Insulation	1.86	0.78
07 21 29 00-0004		Cellulose Sprayed On Insulation *(07 21 29)*		
07 21 29 00-0005	SF	1" Thick, Spray-on Cellulose Insulation	3.54	0.78
07 22		**Roof and Deck Insulation** *(07 20)*		
07 22 16		**Roof Board Insulation** *(07 22)*		
		Note: Use these items for specified related installations with systems per CSI section 07 50 00. Items are for single layer of panels attached per FM I-90 requirements. Types are stock sizes set in cold applied adhesive. Apply modifiers for specified alternate attachment.		
07 22 16 00-0001		Rigid Board Roofing Insulation *(07 22 16)*		
		Note: Use these items for specified related installations with systems per CSI section 07 50 00. Items are for single layer of panels attached per FM I-90 requirements. See CSI section 07 22 16 00-0466 for demolition of insulation board.		
07 22 16 00-0002		Cold Adhesive Applied Rigid Board Roofing Insulation *(07 22 16 00-0001)*		
07 22 16 00-0003		Cold Adhesive Applied, High-Density Fiberboard, Roof Board Insulation *(07 22 16 00-0002)*		
07 22 16 00-0004	SF	1/2" Thick, R1.3, High-Density Fiberboard, Roof Board Insulation, Cold Adhesive Applied	2.40	
07 22 16 00-0005	SF	25/32" Thick, R1.9, High-Density Fiberboard, Roof Board Insulation, Cold Adhesive Applied	2.83	
07 22 16 00-0006	SF	1" Thick, R2.5, High-Density Fiberboard, Roof Board Insulation, Cold Adhesive Applied	3.24	
07 22 16 00-0007	SF	1-1/2" Thick, R3.8, High-Density Fiberboard, Roof Board Insulation, Cold Adhesive Applied	3.99	
07 22 16 00-0008	SF	2" Thick, R5, High-Density Fiberboard, Roof Board Insulation, Cold Adhesive Applied	4.74	
07 22 16 00-0009		Cold Adhesive Applied, Wood Fiber (Cellulosic-Fiber), Roof Board Insulation *(07 22 16 00-0002)*		
07 22 16 00-0010	SF	1/2" Thick, R1.3, Wood Fiber (Cellulosic-Fiber), Roof Board Insulation, Cold Adhesive Applied	2.61	
07 22 16 00-0011	SF	1" Thick, R2.6, Wood Fiber (Cellulosic-Fiber), Roof Board Insulation, Cold Adhesive Applied	3.10	
07 22 16 00-0012		Cold Adhesive Applied, Perlite, Roof Board Insulation *(07 22 16 00-0002)*		
07 22 16 00-0013	SF	1/2" Thick, R1.32, Perlite, Roof Board Insulation, Cold Adhesive Applied	2.35	
07 22 16 00-0014	SF	1/2" Thick, R1.32, Perlite, Roof Board Insulation, Cold Adhesive Applied	2.35	
07 22 16 00-0015	SF	3/4" Thick, R2.08, Perlite, Roof Board Insulation, Cold Adhesive Applied	2.61	
07 22 16 00-0016	SF	1" Thick, R2.78, Perlite, Roof Board Insulation, Cold Adhesive Applied	2.91	
07 22 16 00-0017	SF	1-1/2" Thick, R4.17, Perlite, Roof Board Insulation, Cold Adhesive Applied	3.65	
07 22 16 00-0018	SF	2" Thick, R5.56, Perlite, Roof Board Insulation, Cold Adhesive Applied	4.11	
07 22 16 00-0019		Cold Adhesive Applied, Basalt Mineral Wool, Roof Board Insulation *(07 22 16 00-0002)*		
07 22 16 00-0020	SF	1" Thick, R3.5, Basalt Mineral Wool, Roof Board Insulation, Cold Adhesive Applied	3.32	
07 22 16 00-0021	SF	2" Thick, R7.4, Basalt Mineral Wool, Roof Board Insulation, Cold Adhesive Applied	4.48	
07 22 16 00-0022	SF	3" Thick, R11.1, Basalt Mineral Wool, Roof Board Insulation, Cold Adhesive Applied	5.87	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0023		**Cold Adhesive Applied, Foam Glass (Cellular Glass), Roof Board Insulation** *(07 22 16 00-0002)*		
07 22 16 00-0024	SF	1-1/2" Thick, R5.16, Foam Glass (Cellular Glass), Roof Board Insulation, Cold Adhesive Applied	6.26	
07 22 16 00-0025	SF	2" Thick, R6.88, Foam Glass (Cellular Glass), Roof Board Insulation, Cold Adhesive Applied	7.39	
07 22 16 00-0026	SF	2-3/4" Thick, R8.17, Foam Glass (Cellular Glass), Roof Board Insulation, Cold Adhesive Applied	9.67	
07 22 16 00-0027	SF	3-1/2" Thick, R12.04, Foam Glass (Cellular Glass), Roof Board Insulation, Cold Adhesive Applied	12.57	
07 22 16 00-0028		**Cold Adhesive Applied, Molded Expanded Polystyrene, Roof Board Insulation** *(07 22 16 00-0002)*		
07 22 16 00-0029	SF	3/8" Thick, R1.44, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Cold Adhesive Applied	2.29	
		For Loose-Laid, Deduct	*-1.25*	
07 22 16 00-0030	SF	1/2" Thick, R1.93, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Cold Adhesive Applied	2.37	
		For Loose-Laid, Deduct	*-1.25*	
07 22 16 00-0031	SF	3/4" Thick, R2.89, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Cold Adhesive Applied	2.65	
		For Loose-Laid, Deduct	*-1.25*	
07 22 16 00-0032	SF	1" Thick, R3.85, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Cold Adhesive Applied	2.92	
		For Loose-Laid, Deduct	*-1.25*	
07 22 16 00-0033	SF	2" Thick, R7.70, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Cold Adhesive Applied	4.03	
		For Loose-Laid, Deduct	*-1.27*	
07 22 16 00-0034	SF	3" Thick, R11.55, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Cold Adhesive Applied	5.14	
		For Loose-Laid, Deduct	*-1.28*	
07 22 16 00-0035	SF	4" Thick, R15.40, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Cold Adhesive Applied	6.25	
		For Loose-Laid, Deduct	*-1.30*	
07 22 16 00-0036	SF	5" Thick, R19.25, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Cold Adhesive Applied	7.36	
		For Loose-Laid, Deduct	*-1.31*	
07 22 16 00-0037	SF	6" Thick, R23.1, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Cold Adhesive Applied	8.47	
		For Loose-Laid, Deduct	*-1.33*	
07 22 16 00-0038		**Cold Adhesive Applied, Extruded Polystyrene, Roof Board Insulation** *(07 22 16 00-0002)* Note: 15 PSI compressive strength.		
07 22 16 00-0039	SF	3/4" Thick, R3.7, Extruded Polystyrene, Roof Board Insulation, Cold Adhesive Applied	3.13	
		For Loose-Laid, Deduct	*-1.20*	
		For 25 PSI Compressive Strength, Add	*0.34*	
		For 40 PSI Compressive Strength, Add	*0.80*	
		For 60 PSI Compressive Strength, Add	*1.27*	
		For 115 PSI Compressive Strength, Add	*5.50*	
07 22 16 00-0040	SF	1" Thick, R5.0, Extruded Polystyrene, Roof Board Insulation, Cold Adhesive Applied	3.21	
		For Loose-Laid, Deduct	*-1.20*	
		For 25 PSI Compressive Strength, Add	*0.35*	
		For 40 PSI Compressive Strength, Add	*0.82*	
		For 60 PSI Compressive Strength, Add	*1.31*	
		For 115 PSI Compressive Strength, Add	*5.68*	
07 22 16 00-0041	SF	1-1/2" Thick, R7.5, Extruded Polystyrene, Roof Board Insulation, Cold Adhesive Applied	4.09	
		For Loose-Laid, Deduct	*-1.20*	
		For 25 PSI Compressive Strength, Add	*0.49*	
		For 40 PSI Compressive Strength, Add	*1.16*	
		For 60 PSI Compressive Strength, Add	*1.82*	
		For 100 PSI Compressive Strength, Add	*2.34*	
		For 115 PSI Compressive Strength, Add	*7.94*	
07 22 16 00-0042	SF	2" Thick, R10.0, Extruded Polystyrene, Roof Board Insulation, Cold Adhesive Applied	4.71	
		For Loose-Laid, Deduct	*-1.21*	
		For 25 PSI Compressive Strength, Add	*0.58*	
		For 40 PSI Compressive Strength, Add	*1.39*	
		For 60 PSI Compressive Strength, Add	*2.17*	
		For 115 PSI Compressive Strength, Add	*9.49*	
07 22 16 00-0043	SF	2-1/2" Thick, R12.5, Extruded Polystyrene, Roof Board Insulation, Cold Adhesive Applied	5.67	
		For Loose-Laid, Deduct	*-1.21*	
		For 25 PSI Compressive Strength, Add	*0.74*	
		For 40 PSI Compressive Strength, Add	*1.75*	
		For 60 PSI Compressive Strength, Add	*2.73*	
		For 100 PSI Compressive Strength, Add	*3.51*	
		For 115 PSI Compressive Strength, Add	*11.95*	
07 22 16 00-0044	SF	3" Thick, R15.0, Extruded Polystyrene, Roof Board Insulation, Cold Adhesive Applied	6.22	
		For Loose-Laid, Deduct	*-1.23*	
		For 25 PSI Compressive Strength, Add	*0.82*	
		For 40 PSI Compressive Strength, Add	*1.95*	
		For 60 PSI Compressive Strength, Add	*3.03*	
		For 115 PSI Compressive Strength, Add	*13.29*	
07 22 16 00-0045	SF	4" Thick, R20.0, Extruded Polystyrene, Roof Board Insulation, Cold Adhesive Applied	6.98	
		For Loose-Laid, Deduct	*-1.24*	
		For 25 PSI Compressive Strength, Add	*0.94*	
		For 40 PSI Compressive Strength, Add	*2.23*	
		For 60 PSI Compressive Strength, Add	*3.46*	
		For 115 PSI Compressive Strength, Add	*15.20*	
07 22 16 00-0046		**Cold Adhesive Applied, Polyisocyanurate Board Roofing Insulation** *(07 22 16 00-0002)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0047	SF	3/4" Thick, R4.3, Polyisocyanurate, Roof Board Insulation, Cold Adhesive Applied	2.79	
		For Loose-Laid, Deduct	*-1.20*	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.18*	
07 22 16 00-0048	SF	1" Thick, R5.7, Polyisocyanurate, Roof Board Insulation, Cold Adhesive Applied	2.91	
		For Loose-Laid, Deduct	*-1.20*	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.19*	
07 22 16 00-0049	SF	1-1/2" Thick, R8.6, Polyisocyanurate, Roof Board Insulation, Cold Adhesive Applied	3.08	
		For Loose-Laid, Deduct	*-1.21*	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.20*	
07 22 16 00-0050	SF	2" Thick, R11.4, Polyisocyanurate, Roof Board Insulation, Cold Adhesive Applied	3.53	
		For Loose-Laid, Deduct	*-1.21*	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.25*	
07 22 16 00-0051	SF	2-1/2" Thick, R14.4, Polyisocyanurate, Roof Board Insulation, Cold Adhesive Applied	3.98	
		For Loose-Laid, Deduct	*-1.22*	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.29*	
07 22 16 00-0052	SF	3" Thick, R17.4, Polyisocyanurate, Roof Board Insulation, Cold Adhesive Applied	4.45	
		For Loose-Laid, Deduct	*-1.23*	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.34*	
07 22 16 00-0053	SF	3-1/2" Thick, R20.5, Polyisocyanurate, Roof Board Insulation, Cold Adhesive Applied	4.94	
		For Loose-Laid, Deduct	*-1.23*	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.38*	
07 22 16 00-0054	SF	4" Thick, R23.6, Polyisocyanurate, Roof Board Insulation, Cold Adhesive Applied	5.38	
		For Loose-Laid, Deduct	*-1.24*	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.43*	

07 22 16 00-0055 Cold Adhesive Applied, High-Density Polyisocyanurate Cover Board And Roofing Insulation *(07 22 16 00-0002)*

07 22 16 00-0056	SF	1/2" Thick, R2.5, High-Density Polyisocyanurate Cover Board And Roofing Insulation, Cold Adhesive Applied	3.16

07 22 16 00-0057 Cold Adhesive Applied, Gypsum-Fiber, Roof Board Insulation (USG Securock) *(07 22 16 00-0002)*

07 22 16 00-0058	SF	1/4" Thick, R0.2, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Cold Adhesive Applied	2.98
07 22 16 00-0059	SF	3/8" Thick, R0.3, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Cold Adhesive Applied	3.17
07 22 16 00-0060	SF	1/2" Thick, R0.5, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Cold Adhesive Applied	3.30
07 22 16 00-0061	SF	5/8" Thick, R0.6, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Cold Adhesive Applied	3.36

07 22 16 00-0062 Cold Adhesive Applied, Glass-Mat, Roof Board Insulation (USG Securock) *(07 22 16 00-0002)*

07 22 16 00-0063	SF	1/4" Thick, R0.36, Glass-Mat, Roof Board Insulation (USG Securock Glass-Mat), Cold Adhesive Applied	2.92
07 22 16 00-0064	SF	1/2" Thick, R0.53, Glass-Mat, Roof Board Insulation (USG Securock Glass-Mat), Cold Adhesive Applied	3.20
07 22 16 00-0065	SF	5/8" Thick, R0.54, Glass-Mat, Roof Board Insulation (USG Securock Glass-Mat), Cold Adhesive Applied	3.27

07 22 16 00-0066 Cold Adhesive Applied, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation *(07 22 16 00-0002)*

Note: Includes a polyisocyanurate foam core bonded to a 7/16" oriented strand board (OSB) facer.

07 22 16 00-0067	SF	1.5" Thick, R6.2, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Cold Adhesive Applied	5.12
07 22 16 00-0068	SF	2" Thick, R9.1, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Cold Adhesive Applied	5.38
07 22 16 00-0069	SF	2.5" Thick, R12.0, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Cold Adhesive Applied	5.74
07 22 16 00-0070	SF	3" Thick, R15.0, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Cold Adhesive Applied	5.97
07 22 16 00-0071	SF	3.5" Thick, R18.0, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Cold Adhesive Applied	6.49
07 22 16 00-0072	SF	4" Thick, R21.1, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Cold Adhesive Applied	6.71
07 22 16 00-0073	SF	4.5" Thick, R24.2, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Cold Adhesive Applied	7.05

07 22 16 00-0074 Cold Adhesive Applied, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation *(07 22 16 00-0002)*

Note: Includes a polyisocyanurate foam core bonded to a 7/16" oriented strand board (OSB) facer.

07 22 16 00-0075	SF	2.5" Thick, R5.7, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Cold Adhesive Applied	5.17
07 22 16 00-0076	SF	3" Thick, R8.6, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Cold Adhesive Applied	5.63
07 22 16 00-0077	SF	3.5" Thick, R11.4, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Cold Adhesive Applied	6.19

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0078	SF	4" Thick, R14.4, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Cold Adhesive Applied	6.56	
07 22 16 00-0079	SF	4.5" Thick, R17.4, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Cold Adhesive Applied	7.02	
07 22 16 00-0080	SF	5" Thick, R20.5, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Cold Adhesive Applied	7.51	
07 22 16 00-0081	SF	5.5" Thick, R23.6, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Cold Adhesive Applied	8.41	
07 22 16 00-0082		Hot-Mopped Rigid Board Roofing Insulation *(07 22 16 00-0001)*		
07 22 16 00-0083		Hot-Mopped, High-Density Fiberboard, Roof Board Insulation *(07 22 16 00-0082)*		
07 22 16 00-0084	SF	1/2" Thick, R1.3, High-Density Fiberboard, Roof Board Insulation, Hot-Mopped	2.12	
07 22 16 00-0085	SF	25/32" Thick, R1.9, High-Density Fiberboard, Roof Board Insulation, Hot-Mopped	2.54	
07 22 16 00-0086	SF	1" Thick, R2.5, High-Density Fiberboard, Roof Board Insulation, Hot-Mopped	2.96	
07 22 16 00-0087	SF	1-1/2" Thick, R3.8, High-Density Fiberboard, Roof Board Insulation, Hot-Mopped	3.73	
07 22 16 00-0088	SF	2" Thick, R5, High-Density Fiberboard, Roof Board Insulation, Hot-Mopped	4.49	
07 22 16 00-0089		Hot-Mopped, Wood Fiber (Cellulosic-Fiber), Roof Board Insulation *(07 22 16 00-0082)*		
07 22 16 00-0090	SF	1/2" Thick, R1.3, Wood Fiber (Cellulosic-Fiber), Roof Board Insulation, Hot-Mopped	2.33	
07 22 16 00-0091	SF	1" Thick, R2.6, Wood Fiber (Cellulosic-Fiber), Roof Board Insulation, Hot-Mopped	2.83	
07 22 16 00-0092		Hot-Mopped, Perlite, Roof Board Insulation *(07 22 16 00-0082)*		
07 22 16 00-0093	SF	1/2" Thick, R1.32, Perlite, Roof Board Insulation, Hot-Mopped	2.06	
07 22 16 00-0094	SF	3/4" Thick, R2.08, Perlite, Roof Board Insulation, Hot-Mopped	2.30	
07 22 16 00-0095	SF	1" Thick, R2.78, Perlite, Roof Board Insulation, Hot-Mopped	2.61	
07 22 16 00-0096	SF	1-1/2" Thick, R4.17, Perlite, Roof Board Insulation, Hot-Mopped	3.34	
07 22 16 00-0097	SF	2" Thick, R5.56, Perlite, Roof Board Insulation, Hot-Mopped	3.80	
07 22 16 00-0098		Hot-Mopped, Basalt Mineral Wool, Roof Board Insulation *(07 22 16 00-0082)*		
07 22 16 00-0099	SF	1" Thick, R3.5, Basalt Mineral Wool, Roof Board Insulation, Hot-Mopped	3.01	
07 22 16 00-0100	SF	2" Thick, R7.4, Basalt Mineral Wool, Roof Board Insulation, Hot-Mopped	4.17	
07 22 16 00-0101	SF	3" Thick, R11.1, Basalt Mineral Wool, Roof Board Insulation, Hot-Mopped	5.59	
07 22 16 00-0102		Hot-Mopped, Foam Glass (Cellular Glass), Roof Board Insulation *(07 22 16 00-0082)*		
07 22 16 00-0103	SF	1-1/2" Thick, R5.16, Foam Glass (Cellular Glass), Roof Board Insulation, Hot-Mopped	5.95	
07 22 16 00-0104	SF	2" Thick, R6.88, Foam Glass (Cellular Glass), Roof Board Insulation, Hot-Mopped	7.09	
07 22 16 00-0105	SF	2-3/4" Thick, R8.17, Foam Glass (Cellular Glass), Roof Board Insulation, Hot-Mopped	9.38	
07 22 16 00-0106	SF	3-1/2" Thick, R12.04, Foam Glass (Cellular Glass), Roof Board Insulation, Hot-Mopped	12.28	
07 22 16 00-0107		Hot-Mopped, Molded Expanded Polystyrene, Roof Board Insulation *(07 22 16 00-0082)*		
07 22 16 00-0108	SF	3/8" Thick, R1.44, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Hot-Mopped	2.00	
07 22 16 00-0109	SF	1/2" Thick, R1.93, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Hot-Mopped	2.08	
07 22 16 00-0110	SF	3/4" Thick, R2.89, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Hot-Mopped	2.24	
07 22 16 00-0111	SF	1" Thick, R3.85, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Hot-Mopped	2.62	
07 22 16 00-0112	SF	2" Thick, R7.70, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Hot-Mopped	3.73	
07 22 16 00-0113	SF	3" Thick, R11.55, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Hot-Mopped	4.85	
07 22 16 00-0114	SF	4" Thick, R15.40, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Hot-Mopped	5.96	
07 22 16 00-0115	SF	5" Thick, R19.25, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Hot-Mopped	7.08	
07 22 16 00-0116	SF	6" Thick, R23.1, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Hot-Mopped	8.18	
07 22 16 00-0117		Hot-Mopped, Extruded Polystyrene, Roof Board Insulation *(07 22 16 00-0082)*		
		Note: 15 PSI compressive strength.		
07 22 16 00-0118	SF	3/4" Thick, R3.7, Extruded Polystyrene, Roof Board Insulation, Hot-Mopped	2.82	
		For 25 PSI Compressive Strength, Add	*0.27*	
		For 40 PSI Compressive Strength, Add	*0.64*	
		For 60 PSI Compressive Strength, Add	*1.04*	
		For 115 PSI Compressive Strength, Add	*4.46*	
07 22 16 00-0119	SF	1" Thick, R5.0, Extruded Polystyrene, Roof Board Insulation, Hot-Mopped	2.90	
		For 25 PSI Compressive Strength, Add	*0.28*	
		For 40 PSI Compressive Strength, Add	*0.67*	
		For 60 PSI Compressive Strength, Add	*1.08*	
		For 115 PSI Compressive Strength, Add	*4.64*	
07 22 16 00-0120	SF	1-1/2" Thick, R7.5, Extruded Polystyrene, Roof Board Insulation, Hot-Mopped	3.78	
		For 25 PSI Compressive Strength, Add	*0.42*	
		For 40 PSI Compressive Strength, Add	*1.00*	
		For 60 PSI Compressive Strength, Add	*1.59*	
		For 100 PSI Compressive Strength, Add	*2.04*	
		For 115 PSI Compressive Strength, Add	*6.90*	
07 22 16 00-0121	SF	2" Thick, R10.0, Extruded Polystyrene, Roof Board Insulation, Hot-Mopped	4.53	
		For 25 PSI Compressive Strength, Add	*0.52*	
		For 40 PSI Compressive Strength, Add	*1.23*	
		For 60 PSI Compressive Strength, Add	*1.94*	
		For 115 PSI Compressive Strength, Add	*8.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0122	SF	2-1/2" Thick, R12.5, Extruded Polystyrene, Roof Board Insulation, Hot-Mopped	15.88	
		For 25 PSI Compressive Strength, Add	*0.67*	
		For 40 PSI Compressive Strength, Add	*1.60*	
		For 60 PSI Compressive Strength, Add	*3.03*	
		For 100 PSI Compressive Strength, Add	*3.74*	
		For 115 PSI Compressive Strength, Add	*11.99*	
07 22 16 00-0123	SF	3" Thick, R15.0, Extruded Polystyrene, Roof Board Insulation, Hot-Mopped	5.93	
		For 25 PSI Compressive Strength, Add	*0.76*	
		For 40 PSI Compressive Strength, Add	*1.79*	
		For 60 PSI Compressive Strength, Add	*2.80*	
		For 115 PSI Compressive Strength, Add	*12.25*	
07 22 16 00-0124	SF	4" Thick, R20.0, Extruded Polystyrene, Roof Board Insulation, Hot-Mopped	6.69	
		For 25 PSI Compressive Strength, Add	*0.87*	
		For 40 PSI Compressive Strength, Add	*2.07*	
		For 60 PSI Compressive Strength, Add	*3.23*	
		For 115 PSI Compressive Strength, Add	*14.16*	
07 22 16 00-0125		**Hot-Mopped, Polyisocyanurate Board Roofing Insulation** *(07 22 16 00-0082)*		
07 22 16 00-0126	SF	3/4" Thick, R4.3, Polyisocyanurate, Roof Board Insulation, Hot-Mopped	2.49	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.14*	
07 22 16 00-0127	SF	1" Thick, R5.7, Polyisocyanurate, Roof Board Insulation, Hot-Mopped	2.60	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.15*	
07 22 16 00-0128	SF	1-1/2" Thick, R8.6, Polyisocyanurate, Roof Board Insulation, Hot-Mopped	2.77	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.16*	
07 22 16 00-0129	SF	2" Thick, R11.4, Polyisocyanurate, Roof Board Insulation, Hot-Mopped	3.22	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.21*	
07 22 16 00-0130	SF	2-1/2" Thick, R14.4, Polyisocyanurate, Roof Board Insulation, Hot-Mopped	3.71	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.25*	
07 22 16 00-0131	SF	3" Thick, R17.4, Polyisocyanurate, Roof Board Insulation, Hot-Mopped	4.16	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.30*	
07 22 16 00-0132	SF	3-1/2" Thick, R20.5, Polyisocyanurate, Roof Board Insulation, Hot-Mopped	4.53	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.34*	
07 22 16 00-0133	SF	4" Thick, R23.6, Polyisocyanurate, Roof Board Insulation, Hot-Mopped	5.09	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.39*	
07 22 16 00-0134		**Hot-Mopped, Gypsum-Fiber, Roof Board Insulation (USG Securock)** *(07 22 16 00-0082)*		
07 22 16 00-0135	SF	1/4" Thick, R0.2, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Hot-Mopped	2.70	
07 22 16 00-0136	SF	3/8" Thick, R0.3, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Hot-Mopped	2.89	
07 22 16 00-0137	SF	1/2" Thick, R0.5, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Hot-Mopped	3.02	
07 22 16 00-0138	SF	5/8" Thick, R0.6, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Hot-Mopped	3.08	
07 22 16 00-0139		**Hot-Mopped, Glass-Mat, Roof Board Insulation (USG Securock)** *(07 22 16 00-0082)*		
07 22 16 00-0140	SF	1/4" Thick, R0.36, Glass-Mat, Roof Board Insulation (USG Securock Glass-Mat), Hot-Mopped	2.64	
07 22 16 00-0141	SF	1/2" Thick, R0.53, Glass-Mat, Roof Board Insulation (USG Securock Glass-Mat), Hot-Mopped	2.92	
07 22 16 00-0142	SF	5/8" Thick, R0.54, Glass-Mat, Roof Board Insulation (USG Securock Glass-Mat), Hot-Mopped	2.99	
07 22 16 00-0143		**Mechanically Fastened Rigid Board Roofing Insulation** *(07 22 16 00-0001)*		
		Note: Mechanically fastened to wood or steel.		
07 22 16 00-0144		**Mechanically Fastened, High-Density Fiberboard, Roof Board Insulation** *(07 22 16 00-0143)*		
		Note: Mechanically fastened to wood or steel.		
07 22 16 00-0145	SF	1/2" Thick, R1.3, High-Density Fiberboard, Roof Board Insulation, Mechanically Fastened	2.23	
		For Mechanically Fastened To Concrete, Add	*1.44*	
		For Mechanically Fastened To Gypsum, Add	*1.98*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.75*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.34*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.51*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.12*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.35*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.77*	
07 22 16 00-0146	SF	25/32" Thick, R1.9, High-Density Fiberboard, Roof Board Insulation, Mechanically Fastened	2.66	
		For Mechanically Fastened To Concrete, Add	*1.44*	
		For Mechanically Fastened To Gypsum, Add	*1.98*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.75*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.37*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.51*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.12*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.38*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.77*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0147	SF	1" Thick, R2.5, High-Density Fiberboard, Roof Board Insulation, Mechanically Fastened	3.07	
		For Mechanically Fastened To Concrete, Add	*1.44*	
		For Mechanically Fastened To Gypsum, Add	*1.98*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.75*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.39*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.51*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.12*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.40*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.77*	
07 22 16 00-0148	SF	1-1/2" Thick, R3.8, High-Density Fiberboard, Roof Board Insulation, Mechanically Fastened	3.92	
		For Mechanically Fastened To Concrete, Add	*1.49*	
		For Mechanically Fastened To Gypsum, Add	*1.98*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.92*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.12*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.51*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.37*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.18*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.77*	
07 22 16 00-0149	SF	2" Thick, R5, High-Density Fiberboard, Roof Board Insulation, Mechanically Fastened	4.67	
		For Mechanically Fastened To Concrete, Add	*1.49*	
		For Mechanically Fastened To Gypsum, Add	*1.91*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.92*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.12*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.54*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.37*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.18*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.81*	
07 22 16 00-0150		**Mechanically Fastened, Wood Fiber (Cellulosic-Fiber), Roof Board Insulation** *(07 22 16 00-0143)*		
		Note: Mechanically fastened to wood or steel.		
07 22 16 00-0151	SF	1/2" Thick, R1.3, Wood Fiber (Cellulosic-Fiber), Roof Board Insulation, Mechanically Fastened	2.44	
		For Mechanically Fastened To Concrete, Add	*1.44*	
		For Mechanically Fastened To Gypsum, Add	*1.98*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.75*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.39*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.51*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.12*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.40*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.77*	
07 22 16 00-0152	SF	1" Thick, R2.6, Wood Fiber (Cellulosic-Fiber), Roof Board Insulation, Mechanically Fastened	2.94	
		For Mechanically Fastened To Concrete, Add	*1.44*	
		For Mechanically Fastened To Gypsum, Add	*1.98*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.75*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.39*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.51*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.12*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.40*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.77*	
07 22 16 00-0153		**Mechanically Fastened, Perlite, Roof Board Insulation** *(07 22 16 00-0143)*		
		Note: Mechanically fastened to wood or steel.		
07 22 16 00-0154	SF	1/2" Thick, R1.32, Perlite, Roof Board Insulation, Mechanically Fastened	2.19	
		For Mechanically Fastened To Concrete, Add	*1.44*	
		For Mechanically Fastened To Gypsum, Add	*1.98*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.75*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.30*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.51*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.12*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.31*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.77*	
07 22 16 00-0155	SF	3/4" Thick, R2.08, Perlite, Roof Board Insulation, Mechanically Fastened	2.44	
		For Mechanically Fastened To Concrete, Add	*1.44*	
		For Mechanically Fastened To Gypsum, Add	*1.98*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.75*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.30*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.51*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.12*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.31*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.77*	
07 22 16 00-0156	SF	1" Thick, R2.78, Perlite, Roof Board Insulation, Mechanically Fastened	2.75	
		For Mechanically Fastened To Concrete, Add	*1.44*	
		For Mechanically Fastened To Gypsum, Add	*1.98*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.75*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.30*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.51*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.12*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.31*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.77*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0157	SF	1-1/2" Thick, R4.17, Perlite, Roof Board Insulation, Mechanically Fastened	3.58	
		For Mechanically Fastened To Concrete, Add	*1.49*	
		For Mechanically Fastened To Gypsum, Add	*1.98*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.92*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.12*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.51*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.37*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.18*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.77*	
07 22 16 00-0158	SF	2" Thick, R5.56, Perlite, Roof Board Insulation, Mechanically Fastened	4.04	
		For Mechanically Fastened To Concrete, Add	*1.49*	
		For Mechanically Fastened To Gypsum, Add	*1.91*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.92*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.12*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.54*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.37*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.18*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.81*	
07 22 16 00-0159		**Mechanically Fastened, Basalt Mineral Wool, Roof Board Insulation** *(07 22 16 00-0143)*		
		Note: Mechanically fastened to wood or steel.		
07 22 16 00-0160	SF	1" Thick, R3.5, Basalt Mineral Wool, Roof Board Insulation, Mechanically Fastened	3.15	
		For Mechanically Fastened To Concrete, Add	*1.44*	
		For Mechanically Fastened To Gypsum, Add	*1.98*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.75*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.30*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.51*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.12*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.31*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.77*	
07 22 16 00-0161	SF	2" Thick, R7.4, Basalt Mineral Wool, Roof Board Insulation, Mechanically Fastened	4.41	
		For Mechanically Fastened To Concrete, Add	*1.49*	
		For Mechanically Fastened To Gypsum, Add	*1.91*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.92*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.12*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.54*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.37*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.18*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.81*	
07 22 16 00-0162	SF	3" Thick, R11.1, Basalt Mineral Wool, Roof Board Insulation, Mechanically Fastened	5.90	
		For Mechanically Fastened To Concrete, Add	*1.53*	
		For Mechanically Fastened To Gypsum, Add	*1.99*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.04*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.61*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.75*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.58*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.76*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.09*	
07 22 16 00-0163		**Mechanically Fastened, Foam Glass (Cellular Glass), Roof Board Insulation** *(07 22 16 00-0143)*		
		Note: Mechanically fastened to wood or steel.		
07 22 16 00-0164	SF	1-1/2" Thick, R5.16, Foam Glass (Cellular Glass), Roof Board Insulation, Mechanically Fastened	6.19	
		For Mechanically Fastened To Concrete, Add	*1.49*	
		For Mechanically Fastened To Gypsum, Add	*1.98*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.92*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.12*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.51*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.37*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.18*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.77*	
07 22 16 00-0165	SF	2" Thick, R6.88, Foam Glass (Cellular Glass), Roof Board Insulation, Mechanically Fastened	7.32	
		For Mechanically Fastened To Concrete, Add	*1.49*	
		For Mechanically Fastened To Gypsum, Add	*1.91*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.92*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.12*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.54*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.37*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.18*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.81*	
07 22 16 00-0166	SF	2-3/4" Thick, R8.17, Foam Glass (Cellular Glass), Roof Board Insulation, Mechanically Fastened	9.70	
		For Mechanically Fastened To Concrete, Add	*1.53*	
		For Mechanically Fastened To Gypsum, Add	*1.99*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.04*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.61*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.75*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.58*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.76*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0167	SF	3-1/2" Thick, R12.04, Foam Glass (Cellular Glass), Roof Board Insulation, Mechanically Fastened	12.76	
		For Mechanically Fastened To Concrete, Add	*1.57*	
		For Mechanically Fastened To Gypsum, Add	*1.91*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.25*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.46*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*3.15*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.87*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.70*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.56*	

07 22 16 00-0168 Mechanically Fastened, Molded Expanded Polystyrene, Roof Board Insulation *(07 22 16 00-0143)*

Note: Mechanically fastened to wood or steel.

07 22 16 00-0169	SF	3/8" Thick, R1.44, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Mechanically Fastened	2.12	
		For Mechanically Fastened To Concrete, Add	*1.44*	
		For Mechanically Fastened To Gypsum, Add	*1.98*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.75*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.33*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.51*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.12*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.34*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.77*	
07 22 16 00-0170	SF	1/2" Thick, R1.93, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Mechanically Fastened	2.20	
		For Mechanically Fastened To Concrete, Add	*1.44*	
		For Mechanically Fastened To Gypsum, Add	*1.98*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.75*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.33*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.51*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.12*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.34*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.77*	
07 22 16 00-0171	SF	3/4" Thick, R2.89, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Mechanically Fastened	2.48	
		For Mechanically Fastened To Concrete, Add	*1.44*	
		For Mechanically Fastened To Gypsum, Add	*1.98*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.75*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.34*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.51*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.12*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.35*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.77*	
07 22 16 00-0172	SF	1" Thick, R3.85, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Mechanically Fastened	2.75	
		For Mechanically Fastened To Concrete, Add	*1.44*	
		For Mechanically Fastened To Gypsum, Add	*1.98*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.75*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.34*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.51*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.12*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.35*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.77*	
07 22 16 00-0173	SF	2" Thick, R7.70, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Mechanically Fastened	3.96	
		For Mechanically Fastened To Concrete, Add	*1.49*	
		For Mechanically Fastened To Gypsum, Add	*1.91*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.92*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.12*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.54*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.37*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.18*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.81*	
07 22 16 00-0174	SF	3" Thick, R11.55, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Mechanically Fastened	5.16	
		For Mechanically Fastened To Concrete, Add	*1.53*	
		For Mechanically Fastened To Gypsum, Add	*1.99*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.04*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.65*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.75*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.58*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.80*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.09*	
07 22 16 00-0175	SF	4" Thick, R15.40, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Mechanically Fastened	6.44	
		For Mechanically Fastened To Concrete, Add	*1.57*	
		For Mechanically Fastened To Gypsum, Add	*1.98*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.25*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.46*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.87*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.87*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.70*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.32*	
07 22 16 00-0176	SF	5" Thick, R19.25, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Mechanically Fastened	7.75	
		For Mechanically Fastened To Concrete, Add	*1.62*	
		For Mechanically Fastened To Gypsum, Add	*1.95*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.49*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.71*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*3.45*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.22*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.07*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.98*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0177	SF	6" Thick, R23.1, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Mechanically Fastened	9.36	
		For Mechanically Fastened To Concrete, Add	*1.66*	
		For Mechanically Fastened To Gypsum, Add	*1.97*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.74*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.97*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*3.72*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.62*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.47*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*5.37*	
07 22 16 00-0178		Mechanically Fastened, Extruded Polystyrene, Roof Board Insulation *(07 22 16 00-0143)*		
		Note: 15 PSI compressive strength. Mechanically fastened to wood or steel.		
07 22 16 00-0179	SF	3/4" Thick, R3.7, Extruded Polystyrene, Roof Board Insulation, Mechanically Fastened	2.97	
		For 25 PSI Compressive Strength, Add	*0.31*	
		For 40 PSI Compressive Strength, Add	*0.74*	
		For 60 PSI Compressive Strength, Add	*1.18*	
		For 115 PSI Compressive Strength, Add	*5.09*	
		For Mechanically Fastened To Concrete, Add	*1.44*	
		For Mechanically Fastened To Gypsum, Add	*1.98*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.75*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.30*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.51*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.12*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.31*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.77*	
07 22 16 00-0180	SF	1" Thick, R5.0, Extruded Polystyrene, Roof Board Insulation, Mechanically Fastened	3.05	
		For 25 PSI Compressive Strength, Add	*0.32*	
		For 40 PSI Compressive Strength, Add	*0.76*	
		For 60 PSI Compressive Strength, Add	*1.22*	
		For 115 PSI Compressive Strength, Add	*5.27*	
		For Mechanically Fastened To Concrete, Add	*1.44*	
		For Mechanically Fastened To Gypsum, Add	*1.98*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.75*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.30*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.51*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.12*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.31*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.77*	
07 22 16 00-0181	SF	1-1/2" Thick, R7.5, Extruded Polystyrene, Roof Board Insulation, Mechanically Fastened	4.02	
		For 25 PSI Compressive Strength, Add	*0.48*	
		For 40 PSI Compressive Strength, Add	*1.13*	
		For 60 PSI Compressive Strength, Add	*1.78*	
		For 100 PSI Compressive Strength, Add	*2.29*	
		For 115 PSI Compressive Strength, Add	*7.76*	
		For Mechanically Fastened To Concrete, Add	*1.49*	
		For Mechanically Fastened To Gypsum, Add	*1.98*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.92*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.12*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.51*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.37*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.18*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.77*	
07 22 16 00-0182	SF	2" Thick, R10.0, Extruded Polystyrene, Roof Board Insulation, Mechanically Fastened	4.64	
		For 25 PSI Compressive Strength, Add	*0.57*	
		For 40 PSI Compressive Strength, Add	*1.36*	
		For 60 PSI Compressive Strength, Add	*2.13*	
		For 115 PSI Compressive Strength, Add	*9.31*	
		For Mechanically Fastened To Concrete, Add	*1.49*	
		For Mechanically Fastened To Gypsum, Add	*1.91*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.92*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.12*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.54*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.37*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.18*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.81*	
07 22 16 00-0183	SF	2-1/2" Thick, R12.5, Extruded Polystyrene, Roof Board Insulation, Mechanically Fastened	5.70	
		For 25 PSI Compressive Strength, Add	*0.74*	
		For 40 PSI Compressive Strength, Add	*1.76*	
		For 60 PSI Compressive Strength, Add	*2.74*	
		For 100 PSI Compressive Strength, Add	*3.53*	
		For 115 PSI Compressive Strength, Add	*12.03*	
		For Mechanically Fastened To Concrete, Add	*1.53*	
		For Mechanically Fastened To Gypsum, Add	*1.93*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.04*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.60*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.65*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.58*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.75*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0184	SF	3" Thick, R15.0, Extruded Polystyrene, Roof Board Insulation, Mechanically Fastened	6.24	
		For 25 PSI Compressive Strength, Add	*0.82*	
		For 40 PSI Compressive Strength, Add	*1.96*	
		For 60 PSI Compressive Strength, Add	*3.04*	
		For 115 PSI Compressive Strength, Add	*13.34*	
		For Mechanically Fastened To Concrete, Add	*1.53*	
		For Mechanically Fastened To Gypsum, Add	*1.99*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.04*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.61*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.75*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.58*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.76*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.09*	
07 22 16 00-0185	SF	4" Thick, R20.0, Extruded Polystyrene, Roof Board Insulation, Mechanically Fastened	7.17	
		For 25 PSI Compressive Strength, Add	*0.97*	
		For 40 PSI Compressive Strength, Add	*2.30*	
		For 60 PSI Compressive Strength, Add	*3.57*	
		For 115 PSI Compressive Strength, Add	*15.69*	
		For Mechanically Fastened To Concrete, Add	*1.57*	
		For Mechanically Fastened To Gypsum, Add	*1.98*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.25*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.46*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.87*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.87*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.70*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.32*	

07 22 16 00-0186 Mechanically Fastened, Polyisocyanurate Board Roofing Insulation *(07 22 16 00-0143)*

Note: Mechanically fastened to wood or steel.

07 22 16 00-0187	SF	3/4" Thick, R4.3, Polyisocyanurate, Roof Board Insulation, Mechanically Fastened	2.63	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.16*	
		For Mechanically Fastened To Concrete, Add	*1.44*	
		For Mechanically Fastened To Gypsum, Add	*1.98*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.75*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.30*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.51*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.12*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.31*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.77*	
07 22 16 00-0188	SF	1" Thick, R5.7, Polyisocyanurate, Roof Board Insulation, Mechanically Fastened	2.74	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.17*	
		For Mechanically Fastened To Concrete, Add	*1.44*	
		For Mechanically Fastened To Gypsum, Add	*1.98*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.75*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.30*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.51*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.12*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.31*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.77*	
07 22 16 00-0189	SF	1-1/2" Thick, R8.6, Polyisocyanurate, Roof Board Insulation, Mechanically Fastened	3.01	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.20*	
		For Mechanically Fastened To Concrete, Add	*1.49*	
		For Mechanically Fastened To Gypsum, Add	*1.98*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.92*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.12*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.51*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.37*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.18*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.77*	
07 22 16 00-0190	SF	2" Thick, R11.4, Polyisocyanurate, Roof Board Insulation, Mechanically Fastened	3.46	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.24*	
		For Mechanically Fastened To Concrete, Add	*1.49*	
		For Mechanically Fastened To Gypsum, Add	*1.91*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.92*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.12*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.54*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.37*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.18*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.81*	
07 22 16 00-0191	SF	2-1/2" Thick, R14.4, Polyisocyanurate, Roof Board Insulation, Mechanically Fastened	4.01	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.29*	
		For Mechanically Fastened To Concrete, Add	*1.53*	
		For Mechanically Fastened To Gypsum, Add	*1.93*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.04*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.60*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.65*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.58*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.75*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0192	SF	3" Thick, R17.4, Polyisocyanurate, Roof Board Insulation, Mechanically Fastened	4.48	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.34*	
		For Mechanically Fastened To Concrete, Add	*1.53*	
		For Mechanically Fastened To Gypsum, Add	*1.99*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.04*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.61*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.75*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.58*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.76*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.09*	
07 22 16 00-0193	SF	3-1/2" Thick, R20.5, Polyisocyanurate, Roof Board Insulation, Mechanically Fastened	5.13	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.40*	
		For Mechanically Fastened To Concrete, Add	*1.57*	
		For Mechanically Fastened To Gypsum, Add	*1.91*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.25*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.46*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*3.15*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.87*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.70*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.56*	
07 22 16 00-0194	SF	4" Thick, R23.6, Polyisocyanurate, Roof Board Insulation, Mechanically Fastened	5.57	
		For Foil Facer, Add	*0.36*	
		For 25 PSI Compressive Strength, Add	*0.45*	
		For Mechanically Fastened To Concrete, Add	*1.57*	
		For Mechanically Fastened To Gypsum, Add	*1.98*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.25*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.46*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.87*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.87*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.70*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.32*	

07 22 16 00-0195 Mechanically Fastened, High-Density Polyisocyanurate Cover Board And Roofing Insulation *(07 22 16 00-0143)*

Note: Mechanically fastened to wood or steel.

07 22 16 00-0196	SF	1/2" Thick, R2.5, High-Density Polyisocyanurate Cover Board And Roofing Insulation, Mechanically Fastened	2.99	
		For Mechanically Fastened To Concrete, Add	*1.44*	
		For Mechanically Fastened To Gypsum, Add	*1.98*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.75*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.34*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.51*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.12*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.35*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.77*	

07 22 16 00-0197 Mechanically Fastened, Gypsum-Fiber, Roof Board Insulation (USG Securock) *(07 22 16 00-0143)*

Note: Mechanically fastened to wood or steel.

07 22 16 00-0198	SF	1/4" Thick, R0.2, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Mechanically Fastened	2.82	
		For Mechanically Fastened To Concrete, Add	*1.44*	
		For Mechanically Fastened To Gypsum, Add	*1.98*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.75*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.34*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.51*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.12*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.35*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.77*	
07 22 16 00-0199	SF	3/8" Thick, R0.3, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Mechanically Fastened	3.00	
		For Mechanically Fastened To Concrete, Add	*1.44*	
		For Mechanically Fastened To Gypsum, Add	*1.98*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.75*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.34*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.51*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.12*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.35*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.77*	
07 22 16 00-0200	SF	1/2" Thick, R0.5, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Mechanically Fastened	3.13	
		For Mechanically Fastened To Concrete, Add	*1.44*	
		For Mechanically Fastened To Gypsum, Add	*1.98*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.75*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.34*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.51*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.12*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.35*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.77*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0201	SF	5/8" Thick, R0.6, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Mechanically Fastened	3.20	
		For Mechanically Fastened To Concrete, Add	*1.44*	
		For Mechanically Fastened To Gypsum, Add	*1.98*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.75*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.34*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.51*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.12*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.35*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.77*	

07 22 16 00-0202 Mechanically Fastened, Glass-Mat, Roof Board Insulation (USG Securock)

(07 22 16 00-0143)

Note: Mechanically fastened to wood or steel.

07 22 16 00-0203	SF	1/4" Thick, R0.36, Glass-Mat, Roof Board Insulation (USG Securock Glass-Mat), Mechanically Fastened	2.75	
		For Mechanically Fastened To Concrete, Add	*1.44*	
		For Mechanically Fastened To Gypsum, Add	*1.98*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.75*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.34*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.51*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.12*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.35*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.77*	
07 22 16 00-0204	SF	1/2" Thick, R0.53, Glass-Mat, Roof Board Insulation (USG Securock Glass-Mat), Mechanically Fastened	3.04	
		For Mechanically Fastened To Concrete, Add	*1.44*	
		For Mechanically Fastened To Gypsum, Add	*1.98*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.75*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.34*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.51*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.12*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.35*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.77*	
07 22 16 00-0205	SF	5/8" Thick, R0.54, Glass-Mat, Roof Board Insulation (USG Securock Glass-Mat), Mechanically Fastened	3.10	
		For Mechanically Fastened To Concrete, Add	*1.44*	
		For Mechanically Fastened To Gypsum, Add	*1.98*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.75*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.34*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.51*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.12*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.35*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.77*	

07 22 16 00-0206 Mechanically Fastened, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation *(07 22 16 00-0143)*

Note: Includes a polyisocyanurate foam core bonded to a 7/16" oriented strand board (OSB) facer. Mechanically fastened to wood or steel.

07 22 16 00-0207	SF	1.5" Thick, R6.2, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Mechanically Fastened	5.05	
		For Mechanically Fastened To Concrete, Add	*1.49*	
		For Mechanically Fastened To Gypsum, Add	*1.98*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.92*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.12*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.54*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.37*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.18*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.81*	
07 22 16 00-0208	SF	2" Thick, R9.1, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Mechanically Fastened	5.31	
		For Mechanically Fastened To Concrete, Add	*1.49*	
		For Mechanically Fastened To Gypsum, Add	*1.91*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.92*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.12*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.54*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.37*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.18*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.81*	
07 22 16 00-0209	SF	2.5" Thick, R12.0, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Mechanically Fastened	5.77	
		For Mechanically Fastened To Concrete, Add	*1.53*	
		For Mechanically Fastened To Gypsum, Add	*1.93*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.04*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.77*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.65*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.58*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.92*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.00*	
07 22 16 00-0210	SF	3" Thick, R15.0, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Mechanically Fastened	6.00	
		For Mechanically Fastened To Concrete, Add	*1.53*	
		For Mechanically Fastened To Gypsum, Add	*1.99*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.04*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.78*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.75*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.58*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.93*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0211	SF	3.5" Thick, R18.0, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Mechanically Fastened	6.69	
		For Mechanically Fastened To Concrete, Add	*1.57*	
		For Mechanically Fastened To Gypsum, Add	*1.91*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.25*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.46*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*3.33*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.87*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.70*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.74*	
07 22 16 00-0212	SF	4" Thick, R21.1, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Mechanically Fastened	6.90	
		For Mechanically Fastened To Concrete, Add	*1.57*	
		For Mechanically Fastened To Gypsum, Add	*1.98*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.25*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.46*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.87*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.87*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.70*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.32*	
07 22 16 00-0213	SF	4.5" Thick, R24.2, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Mechanically Fastened	7.44	
		For Mechanically Fastened To Concrete, Add	*1.62*	
		For Mechanically Fastened To Gypsum, Add	*1.95*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.49*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.71*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*3.61*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.22*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.07*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*5.14*	

07 22 16 00-0214 Mechanically Fastened, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation *(07 22 16 00-0143)*

Note: Includes a polyisocyanurate foam core bonded to a 7/16" oriented strand board (OSB) facer. Mechanically fastened to wood or steel.

07 22 16 00-0215	SF	2.5" Thick, R5.7, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Mechanically Fastened	5.20	
		For Mechanically Fastened To Concrete, Add	*1.53*	
		For Mechanically Fastened To Gypsum, Add	*1.93*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.04*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.76*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.65*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.58*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.91*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.00*	
07 22 16 00-0216	SF	3" Thick, R8.6, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Mechanically Fastened	5.66	
		For Mechanically Fastened To Concrete, Add	*1.53*	
		For Mechanically Fastened To Gypsum, Add	*1.99*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.04*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.76*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.75*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.58*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.91*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.09*	
07 22 16 00-0217	SF	3.5" Thick, R11.4, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Mechanically Fastened	6.38	
		For Mechanically Fastened To Concrete, Add	*1.57*	
		For Mechanically Fastened To Gypsum, Add	*1.91*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.25*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.46*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*3.31*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.87*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.70*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.72*	
07 22 16 00-0218	SF	4" Thick, R14.4, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Mechanically Fastened	6.75	
		For Mechanically Fastened To Concrete, Add	*1.57*	
		For Mechanically Fastened To Gypsum, Add	*1.98*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.25*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.46*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.87*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.87*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.70*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*4.32*	
07 22 16 00-0219	SF	4.5" Thick, R17.4, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Mechanically Fastened	7.41	
		For Mechanically Fastened To Concrete, Add	*1.62*	
		For Mechanically Fastened To Gypsum, Add	*1.95*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.49*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.71*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*3.57*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.22*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.07*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*5.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0220	SF	5" Thick, R20.5, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Mechanically Fastened	7.90	
		For Mechanically Fastened To Concrete, Add	*1.62*	
		For Mechanically Fastened To Gypsum, Add	*1.95*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.49*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.71*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*3.57*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.22*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.07*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*5.10*	
07 22 16 00-0221	SF	5.5" Thick, R23.6, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Mechanically Fastened	9.03	
		For Mechanically Fastened To Concrete, Add	*1.66*	
		For Mechanically Fastened To Gypsum, Add	*1.97*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.74*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.97*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*3.87*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.62*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.47*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*5.52*	

07 22 16 00-0222 Rigid Board Tapered Roofing Insulation *(07 22 16)*

Note: Includes tapered board and filler board required to maintain slope starting at 1/2" minimum thickness. Excludes base layer of board, if required. Average thickness and average R-value of tapered system excludes thickness and R-value of base layer insulation and/or cover board. See CSI section 07 22 16 00-0466 for demolition of insulation board.

07 22 16 00-0223 Cold Adhesive Applied Rigid Board Tapered Roofing Insulation *(07 22 16 00-0222)*

07 22 16 00-0224 Cold Adhesive Applied, Tapered Polyisocyanurate Board *(07 22 16 00-0223)*

Note: Includes polyurethane adhesive.

07 22 16 00-0225 Cold Adhesive Applied, 1/8" Slope, Tapered Polyisocyanurate Board *(07 22 16 00-0224)*

07 22 16 00-0226	SF	2.25" Average Thickness (12.8 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	4.97	
		For 25 PSI Compressive Strength, Add	*0.34*	
07 22 16 00-0227	SF	2.75" Average Thickness (15.7 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	6.82	
		For 25 PSI Compressive Strength, Add	*0.40*	
07 22 16 00-0228	SF	3.25" Average Thickness (18.5 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	7.43	
		For 25 PSI Compressive Strength, Add	*0.46*	
07 22 16 00-0229	SF	3.75" Average Thickness (21.4 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	8.03	
		For 25 PSI Compressive Strength, Add	*0.52*	
07 22 16 00-0230	SF	4.25" Average Thickness (24.2 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	8.64	
		For 25 PSI Compressive Strength, Add	*0.58*	
07 22 16 00-0231	SF	4.75" Average Thickness (27.1 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	10.52	
		For 25 PSI Compressive Strength, Add	*0.65*	
07 22 16 00-0232	SF	5.25" Average Thickness (30.0 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	11.12	
		For 25 PSI Compressive Strength, Add	*0.71*	
07 22 16 00-0233	SF	5.75" Average Thickness (32.8 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	11.73	
		For 25 PSI Compressive Strength, Add	*0.77*	
07 22 16 00-0234	SF	6.25" Average Thickness (35.6 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	12.33	
		For 25 PSI Compressive Strength, Add	*0.83*	
07 22 16 00-0235	SF	6.75" Average Thickness (38.5 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	14.19	
		For 25 PSI Compressive Strength, Add	*0.89*	

07 22 16 00-0236 Cold Adhesive Applied, 1/4" Slope, Tapered Polyisocyanurate Board *(07 22 16 00-0224)*

07 22 16 00-0237	SF	2" Average Thickness (11.4 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	4.67	
		For 25 PSI Compressive Strength, Add	*0.31*	
07 22 16 00-0238	SF	3" Average Thickness (17.1 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	7.13	
		For 25 PSI Compressive Strength, Add	*0.43*	
07 22 16 00-0239	SF	4" Average Thickness (22.8 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	8.33	
		For 25 PSI Compressive Strength, Add	*0.55*	
07 22 16 00-0240	SF	5" Average Thickness (28.5 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	10.82	
		For 25 PSI Compressive Strength, Add	*0.68*	
07 22 16 00-0241	SF	6" Average Thickness (34.2 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	12.03	
		For 25 PSI Compressive Strength, Add	*0.80*	
07 22 16 00-0242	SF	7" Average Thickness (39.9 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	14.49	
		For 25 PSI Compressive Strength, Add	*0.92*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0243			Cold Adhesive Applied, 1/2" Slope, Tapered Polyisocyanurate Board *(07 22 16 00-0224)*		
07 22 16 00-0244		SF	3.5" Average Thickness (20.0 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	7.73	
			For 25 PSI Compressive Strength, Add	*0.49*	
07 22 16 00-0245		SF	5.5" Average Thickness (31.4 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	11.42	
			For 25 PSI Compressive Strength, Add	*0.74*	
07 22 16 00-0246		SF	7.5" Average Thickness (42.8 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	15.10	
			For 25 PSI Compressive Strength, Add	*0.98*	
07 22 16 00-0247		SF	9.5" Average Thickness (54.2 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	18.79	
			For 25 PSI Compressive Strength, Add	*1.22*	
07 22 16 00-0248			Cold Adhesive Applied, Tapered Expanded Polystyrene Board (EPS) *(07 22 16 00-0223)*		
			Note: Includes polyurethane adhesive.		
07 22 16 00-0249			Cold Adhesive Applied, 1/8" Slope, Tapered Expanded Polystyrene Board (EPS) *(07 22 16 00-0248)*		
07 22 16 00-0250		SF	2.25" Average Thickness (10.13 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	4.29	
07 22 16 00-0251		SF	2.75" Average Thickness (12.38 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	6.15	
07 22 16 00-0252		SF	3.25" Average Thickness (14.63 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	6.61	
07 22 16 00-0253		SF	3.75" Average Thickness (16.88 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	7.06	
07 22 16 00-0254		SF	4.25" Average Thickness (19.13 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	7.51	
07 22 16 00-0255		SF	4.75" Average Thickness (21.38 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	9.40	
07 22 16 00-0256		SF	5.25" Average Thickness (23.63 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	9.85	
07 22 16 00-0257		SF	5.75" Average Thickness (25.88 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	10.30	
07 22 16 00-0258		SF	6.25" Average Thickness (28.13 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	10.76	
07 22 16 00-0259		SF	6.75" Average Thickness (30.38 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	12.63	
07 22 16 00-0260			Cold Adhesive Applied, 1/4" Slope, Tapered Expanded Polystyrene Board (EPS) *(07 22 16 00-0248)*		
07 22 16 00-0261		SF	2" Average Thickness (9 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	4.07	
07 22 16 00-0262		SF	3" Average Thickness (13.5 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	6.38	
07 22 16 00-0263		SF	4" Average Thickness (18 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	7.29	
07 22 16 00-0264		SF	5" Average Thickness (22.5 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	9.62	
07 22 16 00-0265		SF	6" Average Thickness (27 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	10.53	
07 22 16 00-0266		SF	7" Average Thickness (31.5 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	12.85	
07 22 16 00-0267			Cold Adhesive Applied, 1/2" Slope, Tapered Expanded Polystyrene Board (EPS) *(07 22 16 00-0248)*		
07 22 16 00-0268		SF	3.5" Average Thickness (15.75 Average R-Value), 1/2" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	6.83	
07 22 16 00-0269		SF	5.5" Average Thickness (24.75 Average R-Value), 1/2" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	10.08	
07 22 16 00-0270		SF	7.5" Average Thickness (33.75 Average R-Value), 1/2" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	13.31	
07 22 16 00-0271		SF	9.5" Average Thickness (42.75 Average R-Value), 1/2" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	17.00	
07 22 16 00-0272			Cold Adhesive Applied, Tapered Extruded Polystyrene Board (XEPS) *(07 22 16 00-0223)*		
			Note: Includes polyurethane adhesive.		
07 22 16 00-0273			Cold Adhesive Applied, 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS) *(07 22 16 00-0272)*		
07 22 16 00-0274		SF	2.25" Average Thickness (12.38 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	4.84	
07 22 16 00-0275		SF	2.75" Average Thickness (15.125 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	6.69	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0276	SF	3.25" Average Thickness (17.88 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	7.26	
07 22 16 00-0277	SF	3.75" Average Thickness (20.63 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	7.84	
07 22 16 00-0278	SF	4.25" Average Thickness (23.38 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	8.41	
07 22 16 00-0279	SF	4.75" Average Thickness (26.13 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	10.29	
07 22 16 00-0280	SF	5.25" Average Thickness (28.88 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	10.87	
07 22 16 00-0281	SF	5.75" Average Thickness (31.63 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	11.44	
07 22 16 00-0282	SF	6.25" Average Thickness (34.38 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	12.02	
07 22 16 00-0283	SF	6.75" Average Thickness (37.13 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	13.88	

07 22 16 00-0284 Cold Adhesive Applied, 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS) *(07 22 16 00-0272)*

07 22 16 00-0285	SF	2" Average Thickness (11 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	4.55	
07 22 16 00-0286	SF	3" Average Thickness (16.5 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	6.98	
07 22 16 00-0287	SF	4" Average Thickness (22 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	8.12	
07 22 16 00-0288	SF	5" Average Thickness (27.5 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	10.58	
07 22 16 00-0289	SF	6" Average Thickness (33 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	11.73	
07 22 16 00-0290	SF	7" Average Thickness (38.5 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	14.16	

07 22 16 00-0291 Cold Adhesive Applied, 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS) *(07 22 16 00-0272)*

07 22 16 00-0292	SF	3.5" Average Thickness (19.25 Average R-Value), 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	7.55	
		For Mechanically Fastened To Concrete, Add	*1.53*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.99*	
07 22 16 00-0293	SF	5.5" Average Thickness (30.25 Average R-Value), 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	11.15	
07 22 16 00-0294	SF	7.5" Average Thickness (41.25 Average R-Value), 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	14.74	
07 22 16 00-0295	SF	9.5" Average Thickness (52.25 Average R-Value), 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied	18.34	

07 22 16 00-0296 Cold Adhesive Applied, Tapered Perlite Board *(07 22 16 00-0223)*

Note: Includes polyurethane adhesive.

07 22 16 00-0297 Cold Adhesive Applied, 1/8" Slope, Tapered Perlite Board *(07 22 16 00-0296)*

07 22 16 00-0298	SF	2.25" Average Thickness (6.26 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied	7.42
07 22 16 00-0299	SF	2.75" Average Thickness (7.65 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied	8.50
07 22 16 00-0300	SF	3.25" Average Thickness (9.04 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied	9.83
07 22 16 00-0301	SF	3.75" Average Thickness (10.43 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied	10.33
07 22 16 00-0302	SF	4.25" Average Thickness (11.82 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied	11.66
07 22 16 00-0303	SF	4.75" Average Thickness (13.21 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied	12.75
07 22 16 00-0304	SF	5.25" Average Thickness (14.60 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied	14.09
07 22 16 00-0305	SF	5.75" Average Thickness (15.99 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied	14.58
07 22 16 00-0306	SF	6.25" Average Thickness (17.38 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied	15.91
07 22 16 00-0307	SF	6.75" Average Thickness (18.77 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied	17.01

07 22 16 00-0308 Cold Adhesive Applied, 1/4" Slope, Tapered Perlite Board *(07 22 16 00-0296)*

07 22 16 00-0309	SF	2" Average Thickness (5.56 Average R-Value), 1/4" Slope, Tapered Perlite Board, Cold Adhesive Applied	6.75
07 22 16 00-0310	SF	3" Average Thickness (8.34 Average R-Value), 1/4" Slope, Tapered Perlite Board, Cold Adhesive Applied	9.17
07 22 16 00-0311	SF	4" Average Thickness (11.12 Average R-Value), 1/4" Slope, Tapered Perlite Board, Cold Adhesive Applied	10.99
07 22 16 00-0312	SF	5" Average Thickness (13.9 Average R-Value), 1/4" Slope, Tapered Perlite Board, Cold Adhesive Applied	13.42
07 22 16 00-0313	SF	6" Average Thickness (16.68 Average R-Value), 1/4" Slope, Tapered Perlite Board, Cold Adhesive Applied	15.25
07 22 16 00-0314	SF	7" Average Thickness (19.46 Average R-Value), 1/4" Slope, Tapered Perlite Board, Cold Adhesive Applied	17.67

07 22 16 00-0315 Cold Adhesive Applied, 1/2" Slope, Tapered Perlite Board *(07 22 16 00-0296)*

07 22 16 00-0316	SF	3.5" Average Thickness (9.73 Average R-Value), 1/2" Slope, Tapered Perlite Board, Cold Adhesive Applied	10.50
07 22 16 00-0317	SF	5.5" Average Thickness (15.29 Average R-Value), 1/2" Slope, Tapered Perlite Board, Cold Adhesive Applied	14.75
07 22 16 00-0318	SF	7.5" Average Thickness (20.85 Average R-Value), 1/2" Slope, Tapered Perlite Board, Cold Adhesive Applied	19.01
07 22 16 00-0319	SF	9.5" Average Thickness (26.41 Average R-Value), 1/2" Slope, Tapered Perlite Board, Cold Adhesive Applied	23.26

07 22 16 00-0320 Hot-Mopped Rigid Board Tapered Roofing Insulation *(07 22 16 00-0222)*

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0321			**Hot-Mopped, Tapered Polyisocyanurate Board** *(07 22 16 00-0320)*		
07 22 16 00-0322			**Hot-Mopped, 1/8" Slope, Tapered Polyisocyanurate Board** *(07 22 16 00-0321)*		
07 22 16 00-0323		SF	2.25" Average Thickness (12.8 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	4.57	
			For 25 PSI Compressive Strength, Add	*0.30*	
07 22 16 00-0324		SF	2.75" Average Thickness (15.7 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	6.35	
			For 25 PSI Compressive Strength, Add	*0.33*	
07 22 16 00-0325		SF	3.25" Average Thickness (18.5 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	6.95	
			For 25 PSI Compressive Strength, Add	*0.39*	
07 22 16 00-0326		SF	3.75" Average Thickness (21.4 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	7.26	
			For 25 PSI Compressive Strength, Add	*0.45*	
07 22 16 00-0327		SF	4.25" Average Thickness (24.2 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	8.16	
			For 25 PSI Compressive Strength, Add	*0.51*	
07 22 16 00-0328		SF	4.75" Average Thickness (27.1 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	9.80	
			For 25 PSI Compressive Strength, Add	*0.53*	
07 22 16 00-0329		SF	5.25" Average Thickness (30.0 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	10.40	
			For 25 PSI Compressive Strength, Add	*0.59*	
07 22 16 00-0330		SF	5.75" Average Thickness (32.8 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	11.01	
			For 25 PSI Compressive Strength, Add	*0.66*	
07 22 16 00-0331		SF	6.25" Average Thickness (35.6 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	11.61	
			For 25 PSI Compressive Strength, Add	*0.72*	
07 22 16 00-0332		SF	6.75" Average Thickness (38.5 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	13.24	
			For 25 PSI Compressive Strength, Add	*0.74*	
07 22 16 00-0333			**Hot-Mopped, 1/4" Slope, Tapered Polyisocyanurate Board** *(07 22 16 00-0321)*		
07 22 16 00-0334		SF	2" Average Thickness (11.4 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	4.41	
			For 25 PSI Compressive Strength, Add	*0.27*	
07 22 16 00-0335		SF	3" Average Thickness (17.1 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	6.65	
			For 25 PSI Compressive Strength, Add	*0.36*	
07 22 16 00-0336		SF	4" Average Thickness (22.8 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	7.86	
			For 25 PSI Compressive Strength, Add	*0.48*	
07 22 16 00-0337		SF	5" Average Thickness (28.5 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	10.10	
			For 25 PSI Compressive Strength, Add	*0.56*	
07 22 16 00-0338		SF	6" Average Thickness (34.2 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	11.31	
			For 25 PSI Compressive Strength, Add	*0.69*	
07 22 16 00-0339		SF	7" Average Thickness (39.9 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	13.54	
			For 25 PSI Compressive Strength, Add	*0.77*	
07 22 16 00-0340			**Hot-Mopped, 1/2" Slope, Tapered Polyisocyanurate Board** *(07 22 16 00-0321)*		
07 22 16 00-0341		SF	3.5" Average Thickness (20.0 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	7.25	
			For 25 PSI Compressive Strength, Add	*0.42*	
07 22 16 00-0342		SF	5.5" Average Thickness (31.4 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	10.71	
			For 25 PSI Compressive Strength, Add	*0.63*	
07 22 16 00-0343		SF	7.5" Average Thickness (42.8 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	14.15	
			For 25 PSI Compressive Strength, Add	*0.83*	
07 22 16 00-0344		SF	9.5" Average Thickness (54.2 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	17.60	
			For 25 PSI Compressive Strength, Add	*1.04*	
07 22 16 00-0345			**Hot-Mopped, Tapered Perlite Board** *(07 22 16 00-0320)*		
07 22 16 00-0346			**Hot-Mopped, 1/8" Slope, Tapered Perlite Board** *(07 22 16 00-0345)*		
07 22 16 00-0347		SF	2.25" Average Thickness (6.26 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped	6.51	
07 22 16 00-0348		SF	2.75" Average Thickness (7.65 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped	8.02	
07 22 16 00-0349		SF	3.25" Average Thickness (9.04 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped	9.36	
07 22 16 00-0350		SF	3.75" Average Thickness (10.43 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped	9.20	
07 22 16 00-0351		SF	4.25" Average Thickness (11.82 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped	10.53	
07 22 16 00-0352		SF	4.75" Average Thickness (13.21 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped	12.04	
07 22 16 00-0353		SF	5.25" Average Thickness (14.60 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped	13.37	
07 22 16 00-0354		SF	5.75" Average Thickness (15.99 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped	13.21	
07 22 16 00-0355		SF	6.25" Average Thickness (17.38 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped	14.55	
07 22 16 00-0356		SF	6.75" Average Thickness (18.77 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped	16.06	
07 22 16 00-0357			**Hot-Mopped, 1/4" Slope, Tapered Perlite Board** *(07 22 16 00-0345)*		
07 22 16 00-0358		SF	2" Average Thickness (5.56 Average R-Value), 1/4" Slope, Tapered Perlite Board, Hot-Mopped	5.84	
07 22 16 00-0359		SF	3" Average Thickness (8.34 Average R-Value), 1/4" Slope, Tapered Perlite Board, Hot-Mopped	8.69	
07 22 16 00-0360		SF	4" Average Thickness (11.12 Average R-Value), 1/4" Slope, Tapered Perlite Board, Hot-Mopped	9.87	
07 22 16 00-0361		SF	5" Average Thickness (13.9 Average R-Value), 1/4" Slope, Tapered Perlite Board, Hot-Mopped	12.70	
07 22 16 00-0362		SF	6" Average Thickness (16.68 Average R-Value), 1/4" Slope, Tapered Perlite Board, Hot-Mopped	13.88	
07 22 16 00-0363		SF	7" Average Thickness (19.46 Average R-Value), 1/4" Slope, Tapered Perlite Board, Hot-Mopped	16.73	
07 22 16 00-0364			**Hot-Mopped, 1/2" Slope, Tapered Perlite Board** *(07 22 16 00-0345)*		
07 22 16 00-0365		SF	3.5" Average Thickness (9.73 Average R-Value), 1/2" Slope, Tapered Perlite Board, Hot-Mopped	10.02	
07 22 16 00-0366		SF	5.5" Average Thickness (15.29 Average R-Value), 1/2" Slope, Tapered Perlite Board, Hot-Mopped	14.04	
07 22 16 00-0367		SF	7.5" Average Thickness (20.85 Average R-Value), 1/2" Slope, Tapered Perlite Board, Hot-Mopped	70.55	
07 22 16 00-0368		SF	9.5" Average Thickness (26.41 Average R-Value), 1/2" Slope, Tapered Perlite Board, Hot-Mopped	22.07	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

07 22 16 00-0369 **Mechanically Fastened Tapered Roofing Insulation** *(07 22 16 00-0222)*
Note: Mechanically fastened to wood or steel. Includes tapered board and filler board required to maintain slope starting at 1/2" minimum thickness. Excludes base layer of board, if required. Average thickness and average R-value of tapered system excludes thickness and R-value of base layer insulation and/or coverboard.

07 22 16 00-0370 **Mechanically Fastened, Tapered Polyisocyanurate Board** *(07 22 16 00-0369)*
Note: Mechanically fastened to wood or steel.

07 22 16 00-0371 **Mechanically Fastened, 1/8" Slope, Tapered Polyisocyanurate Board** *(07 22 16 00-0370)*

07 22 16 00-0372	SF	2.25" Average Thickness (12.8 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	4.90	
		For 25 PSI Compressive Strength, Add	*0.33*	
		For Mechanically Fastened To Concrete, Add	*1.49*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.88*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.92*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.12*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.51*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.37*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.18*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*3.77*	
07 22 16 00-0373	SF	2.75" Average Thickness (15.7 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	6.20	
		For 25 PSI Compressive Strength, Add	*0.34*	
		For Mechanically Fastened To Concrete, Add	*1.53*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.93*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.04*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.25*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.65*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.58*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.40*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.00*	
07 22 16 00-0374	SF	3.25" Average Thickness (18.5 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	6.81	
		For 25 PSI Compressive Strength, Add	*0.40*	
		For Mechanically Fastened To Concrete, Add	*1.53*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.99*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.04*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.25*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.71*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.58*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.40*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.09*	
07 22 16 00-0375	SF	3.75" Average Thickness (21.4 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	7.58	
		For 25 PSI Compressive Strength, Add	*0.48*	
		For Mechanically Fastened To Concrete, Add	*1.57*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.91*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.25*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.46*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.79*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.87*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.70*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.20*	
07 22 16 00-0376	SF	4.25" Average Thickness (24.2 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	8.18	
		For 25 PSI Compressive Strength, Add	*0.54*	
		For Mechanically Fastened To Concrete, Add	*1.57*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.98*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.25*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.46*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.87*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.87*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.70*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.32*	
07 22 16 00-0377	SF	4.75" Average Thickness (27.1 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	9.61	
		For 25 PSI Compressive Strength, Add	*0.56*	
		For Mechanically Fastened To Concrete, Add	*1.62*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.95*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.49*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.71*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.03*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.22*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.07*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.56*	
07 22 16 00-0378	SF	5.25" Average Thickness (30.0 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	10.22	
		For 25 PSI Compressive Strength, Add	*0.62*	
		For Mechanically Fastened To Concrete, Add	*1.62*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.95*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.49*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.71*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.03*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.22*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.07*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.56*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0379	SF	5.75" Average Thickness (32.8 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	11.05	
		For 25 PSI Compressive Strength, Add	*0.70*	
		For Mechanically Fastened To Concrete, Add	*1.66*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.97*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.74*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.97*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.29*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.62*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.47*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.94*	
07 22 16 00-0380	SF	6.25" Average Thickness (35.6 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	11.65	
		For 25 PSI Compressive Strength, Add	*0.76*	
		For Mechanically Fastened To Concrete, Add	*1.66*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.97*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.74*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.97*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.29*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.62*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.47*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.94*	
07 22 16 00-0381	SF	6.75" Average Thickness (38.5 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	13.25	
		For 25 PSI Compressive Strength, Add	*0.80*	
		For Mechanically Fastened To Concrete, Add	*1.66*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.00*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*2.13*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.36*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.70*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*3.20*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*5.05*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*5.56*	

07 22 16 00-0382 Mechanically Fastened, 1/4" Slope, Tapered Polyisocyanurate Board *(07 22 16 00-0370)*

07 22 16 00-0383	SF	2" Average Thickness (11.4 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	4.60	
		For 25 PSI Compressive Strength, Add	*0.30*	
		For Mechanically Fastened To Concrete, Add	*1.49*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.88*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.92*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.12*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.51*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.37*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.18*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*3.77*	
07 22 16 00-0384	SF	3" Average Thickness (17.1 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	6.51	
		For 25 PSI Compressive Strength, Add	*0.37*	
		For Mechanically Fastened To Concrete, Add	*1.53*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.93*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.04*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.25*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.65*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.58*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.40*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.00*	
07 22 16 00-0385	SF	4" Average Thickness (22.8 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	7.88	
		For 25 PSI Compressive Strength, Add	*0.51*	
		For Mechanically Fastened To Concrete, Add	*1.57*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.91*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.25*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.46*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.79*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.87*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.70*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.20*	
07 22 16 00-0386	SF	5" Average Thickness (28.5 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	9.91	
		For 25 PSI Compressive Strength, Add	*0.59*	
		For Mechanically Fastened To Concrete, Add	*1.62*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.95*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.49*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.71*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.03*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.22*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.07*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.56*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0387	SF	6" Average Thickness (34.2 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	11.35	
		For 25 PSI Compressive Strength, Add	*0.73*	
		For Mechanically Fastened To Concrete, Add	*1.66*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.97*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.74*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.97*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.29*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.62*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.47*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.94*	
07 22 16 00-0388	SF	7" Average Thickness (39.9 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	13.55	
		For 25 PSI Compressive Strength, Add	*0.83*	
		For Mechanically Fastened To Concrete, Add	*1.66*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.00*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*2.13*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.36*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.70*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*3.20*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*5.05*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*5.56*	
07 22 16 00-0389		Mechanically Fastened, 1/2" Slope, Tapered Polyisocyanurate Board *(07 22 16 00-0370)*		
07 22 16 00-0390	SF	3.5" Average Thickness (20.0 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	7.11	
		For 25 PSI Compressive Strength, Add	*0.43*	
		For Mechanically Fastened To Concrete, Add	*1.53*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.99*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.04*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.25*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.71*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.58*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.40*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.09*	
07 22 16 00-0391	SF	5.5" Average Thickness (31.4 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	10.11	
		For 25 PSI Compressive Strength, Add	*0.61*	
		For Mechanically Fastened To Concrete, Add	*1.62*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.95*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.49*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.71*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.03*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.22*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.07*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.56*	
07 22 16 00-0392	SF	7.5" Average Thickness (42.8 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	14.16	
		For 25 PSI Compressive Strength, Add	*0.89*	
		For Mechanically Fastened To Concrete, Add	*1.66*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.00*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*2.13*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.36*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.70*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*3.20*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*5.05*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*5.56*	
07 22 16 00-0393	SF	9.5" Average Thickness (54.2 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	18.05	
		For 25 PSI Compressive Strength, Add	*1.15*	
		For Mechanically Fastened To Concrete, Add	*1.80*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*3.00*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*4.34*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*4.52*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*6.51*	
07 22 16 00-0394		Mechanically Fastened, Tapered Expanded Polystyrene Board (EPS) *(07 22 16 00-0369)*		
		Note: Mechanically fastened to wood or steel.		
07 22 16 00-0395		Mechanically Fastened, 1/8" Slope, Tapered Expanded Polystyrene Board (EPS) *(07 22 16 00-0394)*		
07 22 16 00-0396	SF	2.25" Average Thickness (10.13 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened	4.22	
		For Mechanically Fastened To Concrete, Add	*1.49*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.88*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.92*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.12*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.51*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.37*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.18*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*3.77*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0397	SF	2.75" Average Thickness (12.38 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened	5.53	
		For Mechanically Fastened To Concrete, Add	*1.53*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.93*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.04*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.25*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.65*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.58*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.40*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.00*	
07 22 16 00-0398	SF	3.25" Average Thickness (14.63 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened	5.99	
		For Mechanically Fastened To Concrete, Add	*1.53*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.99*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.04*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.25*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.71*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.58*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.40*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.09*	
07 22 16 00-0399	SF	3.75" Average Thickness (16.88 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened	6.60	
		For Mechanically Fastened To Concrete, Add	*1.57*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.91*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.25*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.46*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.79*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.87*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.70*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.20*	
07 22 16 00-0400	SF	4.25" Average Thickness (19.13 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened	7.06	
		For Mechanically Fastened To Concrete, Add	*1.57*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.98*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.25*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.46*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.87*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.87*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.70*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.32*	
07 22 16 00-0401	SF	4.75" Average Thickness (21.38 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened	8.49	
		For Mechanically Fastened To Concrete, Add	*1.62*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.95*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.49*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.71*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.03*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.22*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.07*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.56*	
07 22 16 00-0402	SF	5.25" Average Thickness (23.63 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened	8.95	
		For Mechanically Fastened To Concrete, Add	*1.62*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.95*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.49*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.71*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.03*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.22*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.07*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.56*	
07 22 16 00-0403	SF	5.75" Average Thickness (25.88 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened	9.63	
		For Mechanically Fastened To Concrete, Add	*1.66*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.97*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.74*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.97*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.29*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.62*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.47*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.94*	
07 22 16 00-0404	SF	6.25" Average Thickness (28.13 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened	10.08	
		For Mechanically Fastened To Concrete, Add	*1.66*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.97*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.74*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.97*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.29*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.62*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.47*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.94*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0405	SF	6.75" Average Thickness (30.38 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened	11.69	
		For Mechanically Fastened To Concrete, Add	*1.66*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.00*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*2.13*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.36*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.70*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*3.20*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*5.05*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*5.56*	

07 22 16 00-0406 Mechanically Fastened, 1/4" Slope, Tapered Expanded Polystyrene Board (EPS) *(07 22 16 00-0394)*

07 22 16 00-0407	SF	2" Average Thickness (9 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened	4.00	
		For Mechanically Fastened To Concrete, Add	*1.49*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.88*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.92*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.12*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.51*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.37*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.18*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*3.77*	
07 22 16 00-0408	SF	3" Average Thickness (13.5 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened	5.76	
		For Mechanically Fastened To Concrete, Add	*1.53*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.93*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.04*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.25*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.65*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.58*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.40*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.00*	
07 22 16 00-0409	SF	4" Average Thickness (18 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened	6.83	
		For Mechanically Fastened To Concrete, Add	*1.57*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.91*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.25*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.46*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.79*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.87*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.70*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.20*	
07 22 16 00-0410	SF	5" Average Thickness (22.5 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened	8.72	
		For Mechanically Fastened To Concrete, Add	*1.62*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.95*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.49*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.71*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.03*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.22*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.07*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.56*	
07 22 16 00-0411	SF	6" Average Thickness (27 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened	9.86	
		For Mechanically Fastened To Concrete, Add	*1.66*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.97*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.74*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.97*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.29*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.62*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.47*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.94*	
07 22 16 00-0412	SF	7" Average Thickness (31.5 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened	11.91	
		For Mechanically Fastened To Concrete, Add	*1.66*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.00*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*2.13*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.36*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.70*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*3.20*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*5.05*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*5.56*	

07 22 16 00-0413 Mechanically Fastened, 1/2" Slope, Tapered Expanded Polystyrene Board (EPS) *(07 22 16 00-0394)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0414	SF	3.5" Average Thickness (15.75 Average R-Value), 1/2" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened	6.21	
		For Mechanically Fastened To Concrete, Add	*1.53*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.99*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.04*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.25*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.71*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.58*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.40*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.09*	
07 22 16 00-0415	SF	5.5" Average Thickness (24.75 Average R-Value), 1/2" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened	9.17	
		For Mechanically Fastened To Concrete, Add	*1.62*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.95*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.49*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.71*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.03*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.22*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.07*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.56*	
07 22 16 00-0416	SF	7.5" Average Thickness (33.75 Average R-Value), 1/2" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened	12.37	
		For Mechanically Fastened To Concrete, Add	*1.66*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.00*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*2.13*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.36*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.70*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*3.20*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*5.05*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*5.56*	
07 22 16 00-0417	SF	9.5" Average Thickness (42.75 Average R-Value), 1/2" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened	16.26	
		For Mechanically Fastened To Concrete, Add	*1.80*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*3.00*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*4.34*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*4.52*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*6.51*	

07 22 16 00-0418 Mechanically Fastened, Tapered Extruded Polystyrene Board (XEPS) *(07 22 16 00-0369)*

Note: Mechanically fastened to wood or steel.

07 22 16 00-0419 Mechanically Fastened, 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS) *(07 22 16 00-0418)*

07 22 16 00-0420	SF	2.25" Average Thickness (12.38 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened	4.77	
		For Mechanically Fastened To Concrete, Add	*1.49*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.88*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.92*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.12*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.51*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.37*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.18*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*3.77*	
07 22 16 00-0421	SF	2.75" Average Thickness (15.125 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened	6.07	
		For Mechanically Fastened To Concrete, Add	*1.53*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.93*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.04*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.25*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.65*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.58*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.40*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.00*	
07 22 16 00-0422	SF	3.25" Average Thickness (17.88 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened	7.99	
		For Mechanically Fastened To Concrete, Add	*1.53*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.99*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.04*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.25*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.71*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.58*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.40*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.09*	
07 22 16 00-0423	SF	3.75" Average Thickness (20.63 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened	7.38	
		For Mechanically Fastened To Concrete, Add	*1.57*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.91*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.25*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.46*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.79*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.87*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.70*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0424	SF	4.25" Average Thickness (23.38 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened	7.96	
		For Mechanically Fastened To Concrete, Add	*1.57*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.98*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.25*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.46*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.87*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.87*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.70*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.32*	
07 22 16 00-0425	SF	4.75" Average Thickness (26.13 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened	9.39	
		For Mechanically Fastened To Concrete, Add	*1.62*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.95*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.49*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.71*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.03*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.22*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.07*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.56*	
07 22 16 00-0426	SF	5.25" Average Thickness (28.88 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened	9.96	
		For Mechanically Fastened To Concrete, Add	*1.62*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.95*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.49*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.71*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.03*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.22*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.07*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.56*	
07 22 16 00-0427	SF	5.75" Average Thickness (31.63 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened	10.77	
		For Mechanically Fastened To Concrete, Add	*1.66*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.97*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.74*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.97*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.29*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.62*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.47*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.94*	
07 22 16 00-0428	SF	6.25" Average Thickness (34.38 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened	11.34	
		For Mechanically Fastened To Concrete, Add	*1.66*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.97*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.74*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.97*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.29*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.62*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.47*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.94*	
07 22 16 00-0429	SF	6.75" Average Thickness (37.13 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened	12.94	
		For Mechanically Fastened To Concrete, Add	*1.66*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.00*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*2.13*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.36*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.70*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*3.20*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*5.05*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*5.56*	

07 22 16 00-0430 Mechanically Fastened, 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS) *(07 22 16 00-0418)*

07 22 16 00-0431	SF	2" Average Thickness (11 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened	4.48	
		For Mechanically Fastened To Concrete, Add	*1.49*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.88*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.92*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.12*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.51*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.37*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.18*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*3.77*	
07 22 16 00-0432	SF	3" Average Thickness (16.5 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened	6.36	
		For Mechanically Fastened To Concrete, Add	*1.53*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.93*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.04*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.25*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.65*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.58*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.40*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0433	SF	4" Average Thickness (22 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened	7.67	
		For Mechanically Fastened To Concrete, Add	*1.57*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.91*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.25*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.46*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.79*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.87*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.70*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.20*	
07 22 16 00-0434	SF	5" Average Thickness (27.5 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened	9.68	
		For Mechanically Fastened To Concrete, Add	*1.62*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.95*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.49*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.71*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.03*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.22*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.07*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.56*	
07 22 16 00-0435	SF	6" Average Thickness (33 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened	11.05	
		For Mechanically Fastened To Concrete, Add	*1.66*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.97*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.74*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.97*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.29*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.62*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.47*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.94*	
07 22 16 00-0436	SF	7" Average Thickness (38.5 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened	13.22	
		For Mechanically Fastened To Concrete, Add	*1.66*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.00*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*2.13*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.36*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.70*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*3.20*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*5.05*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*5.56*	
07 22 16 00-0437		Mechanically Fastened, 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS) *(07 22 16 00-0418)*		
07 22 16 00-0438	SF	3.5" Average Thickness (19.25 Average R-Value), 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened	6.93	
		For Mechanically Fastened To Concrete, Add	*1.53*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.99*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.04*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.25*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.71*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.58*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.40*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.09*	
07 22 16 00-0439	SF	5.5" Average Thickness (30.25 Average R-Value), 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened	10.25	
		For Mechanically Fastened To Concrete, Add	*1.62*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.95*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.49*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.71*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.03*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.22*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.07*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.56*	
07 22 16 00-0440	SF	7.5" Average Thickness (41.25 Average R-Value), 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened	13.80	
		For Mechanically Fastened To Concrete, Add	*1.66*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.00*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*2.13*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.36*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.70*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*3.20*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*5.05*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*5.56*	
07 22 16 00-0441	SF	9.5" Average Thickness (52.25 Average R-Value), 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened	17.33	
		For Mechanically Fastened To Concrete, Add	*1.80*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*3.00*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*4.34*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*4.52*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*6.51*	
07 22 16 00-0442		Mechanically Fastened, Tapered Perlite Board *(07 22 16 00-0369)*		
		Note: Mechanically fastened to wood or steel.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0443		Mechanically Fastened, 1/8" Slope, Tapered Perlite Board *(07 22 16 00-0442)*		
07 22 16 00-0444	SF	2.25" Average Thickness (6.26 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened	6.70	
		For Mechanically Fastened To Concrete, Add	*1.49*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.88*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.92*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.12*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.51*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.37*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.18*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*3.77*	
07 22 16 00-0445	SF	2.75" Average Thickness (7.65 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened	7.88	
		For Mechanically Fastened To Concrete, Add	*1.53*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.93*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.04*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.25*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.65*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.58*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.40*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.00*	
07 22 16 00-0446	SF	3.25" Average Thickness (9.04 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened	9.21	
		For Mechanically Fastened To Concrete, Add	*1.53*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.99*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.04*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.25*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.71*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.58*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.40*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.09*	
07 22 16 00-0447	SF	3.75" Average Thickness (10.43 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened	9.22	
		For Mechanically Fastened To Concrete, Add	*1.57*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.91*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.25*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.46*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.79*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.87*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.70*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.20*	
07 22 16 00-0448	SF	4.25" Average Thickness (11.82 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened	10.56	
		For Mechanically Fastened To Concrete, Add	*1.57*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.98*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.25*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.46*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.87*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.87*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.70*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.32*	
07 22 16 00-0449	SF	4.75" Average Thickness (13.21 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened	11.85	
		For Mechanically Fastened To Concrete, Add	*1.62*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.95*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.49*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.71*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.03*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.22*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.07*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.56*	
07 22 16 00-0450	SF	5.25" Average Thickness (14.60 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened	13.18	
		For Mechanically Fastened To Concrete, Add	*1.62*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.95*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.49*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.71*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.03*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.22*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.07*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.56*	
07 22 16 00-0451	SF	5.75" Average Thickness (15.99 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened	13.26	
		For Mechanically Fastened To Concrete, Add	*1.66*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.97*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.74*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.97*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.29*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.62*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.47*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.94*	
07 22 16 00-0452	SF	6.25" Average Thickness (17.38 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened	14.59	
		For Mechanically Fastened To Concrete, Add	*1.66*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.97*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.74*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.97*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.29*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.62*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.47*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.94*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0453	SF	6.75" Average Thickness (18.77 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened	16.07	
		For Mechanically Fastened To Concrete, Add	*1.66*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.00*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*2.13*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.36*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.70*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*3.20*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*5.05*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*5.56*	

07 22 16 00-0454 Mechanically Fastened, 1/4" Slope, Tapered Perlite Board *(07 22 16 00-0442)*

07 22 16 00-0455	SF	2" Average Thickness (5.56 Average R-Value), 1/4" Slope, Tapered Perlite Board, Mechanically Fastened	6.03	
		For Mechanically Fastened To Concrete, Add	*1.49*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.88*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.92*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.12*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.51*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.37*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.18*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*3.77*	
07 22 16 00-0456	SF	3" Average Thickness (8.34 Average R-Value), 1/4" Slope, Tapered Perlite Board, Mechanically Fastened	8.55	
		For Mechanically Fastened To Concrete, Add	*1.53*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.93*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.04*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.25*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.65*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.58*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.40*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.00*	
07 22 16 00-0457	SF	4" Average Thickness (11.12 Average R-Value), 1/4" Slope, Tapered Perlite Board, Mechanically Fastened	9.89	
		For Mechanically Fastened To Concrete, Add	*1.57*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.91*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.25*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.46*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.79*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.87*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.70*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.20*	
07 22 16 00-0458	SF	5" Average Thickness (13.9 Average R-Value), 1/4" Slope, Tapered Perlite Board, Mechanically Fastened	12.52	
		For Mechanically Fastened To Concrete, Add	*1.62*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.95*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.49*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.71*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.03*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.22*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.07*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.56*	
07 22 16 00-0459	SF	6" Average Thickness (16.68 Average R-Value), 1/4" Slope, Tapered Perlite Board, Mechanically Fastened	13.92	
		For Mechanically Fastened To Concrete, Add	*1.66*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.97*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.74*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.97*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.29*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.62*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.47*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.94*	
07 22 16 00-0460	SF	7" Average Thickness (19.46 Average R-Value), 1/4" Slope, Tapered Perlite Board, Mechanically Fastened	16.73	
		For Mechanically Fastened To Concrete, Add	*1.66*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.00*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*2.13*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.36*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.70*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*3.20*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*5.05*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*5.56*	

07 22 16 00-0461 Mechanically Fastened, 1/2" Slope, Tapered Perlite Board *(07 22 16 00-0442)*

07 22 16 00-0462	SF	3.5" Average Thickness (9.73 Average R-Value), 1/2" Slope, Tapered Perlite Board, Mechanically Fastened	9.88	
		For Mechanically Fastened To Concrete, Add	*1.53*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.99*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.04*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.25*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*2.71*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.58*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.40*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0463	SF	5.5" Average Thickness (15.29 Average R-Value), 1/2" Slope, Tapered Perlite Board, Mechanically Fastened	13.85	
		For Mechanically Fastened To Concrete, Add	*1.62*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*1.95*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*1.49*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.71*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.03*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*2.22*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*4.07*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*4.56*	
07 22 16 00-0464	SF	7.5" Average Thickness (20.85 Average R-Value), 1/2" Slope, Tapered Perlite Board, Mechanically Fastened	18.07	
		For Mechanically Fastened To Concrete, Add	*1.66*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	*2.00*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*2.13*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*3.36*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.70*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*3.20*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*5.05*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*5.56*	
07 22 16 00-0465	SF	9.5" Average Thickness (26.41 Average R-Value), 1/2" Slope, Tapered Perlite Board, Mechanically Fastened	22.52	
		For Mechanically Fastened To Concrete, Add	*1.80*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*3.00*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*4.34*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	*3.70*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*4.52*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*6.51*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	*5.56*	

07 22 16 00-0466 Demolish Rigid Board Roofing Insulation *(07 22 16)*

Note: Includes removing any combination of roofing insulation systems and/or recovery board. Includes removal of any basic roof accessories and any sheet metals; except special existing conditions (mechanical equipment piping, electrical, ducts, etc.).

07 22 16 00-0467	SF	Demolish Up To 1/2" Average Thickness, Rigid Board Roofing Insulation	0.58
07 22 16 00-0468	SF	Demolish >1/2" To 1" Average Thickness, Rigid Board Roofing Insulation	0.59
07 22 16 00-0469	SF	Demolish >1" To 2" Average Thickness, Rigid Board Roofing Insulation	0.61
07 22 16 00-0470	SF	Demolish >2" To 3" Average Thickness, Rigid Board Roofing Insulation	0.63
07 22 16 00-0471	SF	Demolish >3" To 4" Average Thickness, Rigid Board Roofing Insulation	0.65
07 22 16 00-0472	SF	Demolish >4" To 5" Average Thickness, Rigid Board Roofing Insulation	0.66
07 22 16 00-0473	SF	Demolish >5" To 6" Average Thickness, Rigid Board Roofing Insulation	0.68
07 22 16 00-0474	SF	Demolish >6" To 7" Average Thickness, Rigid Board Roofing Insulation	0.69
07 22 16 00-0475	SF	Demolish >7" To 8" Average Thickness, Rigid Board Roofing Insulation	0.71
07 22 16 00-0476	SF	Demolish >8" To 9" Average Thickness, Rigid Board Roofing Insulation	0.73
07 22 16 00-0477	SF	Demolish >9" To 10" Average Thickness, Rigid Board Roofing Insulation	0.74
07 22 16 00-0478	SF	Demolish >10" To 11" Average Thickness, Rigid Board Roofing Insulation	0.76
07 22 16 00-0479	SF	Demolish >11" To 12" Average Thickness, Rigid Board Roofing Insulation	0.78

07 24 Exterior Insulation and Finish Systems *(07 20)*

07 24 13 Polymer-Based Exterior Insulation and Finish System *(07 24)*

07 24 13 00-0001 Exterior Insulation Finishing System (EIFS) *(07 24 13)*

07 24 13 00-0002 Insulation For Exterior Insulation Finishing Systems (EIFS) *(07 24 13 00-0001)*

07 24 13 00-0003	SF	1" Thick, R3.85, Molded Expanded Polystyrene, Foam Board Insulation For Exterior Insulation Finishing Systems (EIFS), Adhesive Applied	4.24	
		For Up To 100, Add	*0.89*	
		For >100 To 500, Add	*0.45*	
		For >5,000, Deduct	*-0.18*	
		For Adhesive And Mechanically Fastened To Wood Or Steel, Add	*1.43*	
		For Adhesive And Mechanically Fastened To Concrete Or Masonry, Add	*2.13*	
07 24 13 00-0004	SF	1-1/2" Thick, R5.78, Molded Expanded Polystyrene, Foam Board Insulation For Exterior Insulation Finishing Systems (EIFS), Adhesive Applied	4.81	
		For Up To 100, Add	*0.91*	
		For >100 To 500, Add	*0.45*	
		For >5,000, Deduct	*-0.18*	
		For Adhesive And Mechanically Fastened To Wood Or Steel, Add	*1.46*	
		For Adhesive And Mechanically Fastened To Concrete Or Masonry, Add	*2.15*	
07 24 13 00-0005	SF	2" Thick, R7.70, Molded Expanded Polystyrene, Foam Board Insulation For Exterior Insulation Finishing Systems (EIFS), Adhesive Applied	5.37	
		For Up To 100, Add	*0.92*	
		For >100 To 500, Add	*0.46*	
		For >5,000, Deduct	*-0.18*	
		For Adhesive And Mechanically Fastened To Wood Or Steel, Add	*1.62*	
		For Adhesive And Mechanically Fastened To Concrete Or Masonry, Add	*2.29*	
07 24 13 00-0006	SF	2-1/2" Thick, R9.63, Molded Expanded Polystyrene, Foam Board Insulation For Exterior Insulation Finishing Systems (EIFS), Adhesive Applied	5.93	
		For Up To 100, Add	*0.93*	
		For >100 To 500, Add	*0.46*	
		For >5,000, Deduct	*-0.19*	
		For Adhesive And Mechanically Fastened To Wood Or Steel, Add	*1.70*	
		For Adhesive And Mechanically Fastened To Concrete Or Masonry, Add	*2.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 24 13 00-0007	SF	3" Thick, R11.55, Molded Expanded Polystyrene, Foam Board Insulation For Exterior Insulation Finishing Systems (EIFS), Adhesive Applied	6.50	
		For Up To 100, Add	*0.94*	
		For >100 To 500, Add	*0.47*	
		For >5,000, Deduct	*-0.19*	
		For Adhesive And Mechanically Fastened To Wood Or Steel, Add	*1.70*	
		For Adhesive And Mechanically Fastened To Concrete Or Masonry, Add	*2.41*	
07 24 13 00-0008	SF	4" Thick, R15.40, Molded Expanded Polystyrene, Foam Board Insulation For Exterior Insulation Finishing Systems (EIFS), Adhesive Applied	7.60	
		For Up To 100, Add	*0.95*	
		For >100 To 500, Add	*0.48*	
		For >5,000, Deduct	*-0.19*	
		For Adhesive And Mechanically Fastened To Wood Or Steel, Add	*1.92*	
		For Adhesive And Mechanically Fastened To Concrete Or Masonry, Add	*2.58*	

07 24 13 00-0009 Fiberglass Reinforcing Mesh For Exterior Insulation Finishing Systems (EIFS) *(07 24 13 00-0001)*

Note: Includes applying a layer of base coat to the insulation board and fully embedding the reinforcing fabric in the wet base coat.

07 24 13 00-0010	SF	4.3 OZ, Fiberglass Reinforcing Mesh For Exterior Insulation Finishing Systems (EIFS) (Dryvit S-Mesh), Embedded In A Layer Of Base Coat	5.57	
		For Up To 100, Add	*1.78*	
		For >100 To 500, Add	*0.89*	
		For >5,000, Deduct	*-0.36*	
07 24 13 00-0011	SF	6.0 OZ, Fiberglass Reinforcing Mesh For Exterior Insulation Finishing Systems (EIFS) (Dryvit SP-Mesh), Embedded In A Layer Of Base Coat	6.16	
		For Up To 100, Add	*1.78*	
		For >100 To 500, Add	*0.89*	
		For >5,000, Deduct	*-0.36*	
07 24 13 00-0012	SF	15.0 OZ, Fiberglass Reinforcing Mesh For Exterior Insulation Finishing Systems (EIFS) (Dryvit Panzer® 15), Embedded In A Layer Of Base Coat	7.76	
		For Up To 100, Add	*1.78*	
		For >100 To 500, Add	*0.89*	
		For >5,000, Deduct	*-0.36*	
07 24 13 00-0013	SF	20.0 OZ, Fiberglass Reinforcing Mesh For Exterior Insulation Finishing Systems (EIFS) (Dryvit Panzer® 20), Embedded In A Layer Of Base Coat	8.24	
		For Up To 100, Add	*1.78*	
		For >100 To 500, Add	*0.89*	
		For >5,000, Deduct	*-0.36*	

07 24 13 00-0014 Base Coats For Exterior Insulation Finishing Systems (EIFS) *(07 24 13 00-0001)*

07 24 13 00-0015	SF	Polymer-Based, Fiber-Reinforced Base Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit Genesis® DM)	2.72	
		For Up To 100, Add	*0.89*	
		For >100 To 500, Add	*0.45*	
		For >5,000, Deduct	*-0.18*	
07 24 13 00-0016	SF	Acrylic-Modified, Fiber-Reinforced Base Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit Genesis®)	3.16	
		For Up To 100, Add	*0.89*	
		For >100 To 500, Add	*0.45*	
		For >5,000, Deduct	*-0.18*	
07 24 13 00-0017	SF	Water Resistant, Acrylic Co-Polymer Base Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit Dryflex®)	5.53	
		For Up To 100, Add	*0.89*	
		For >100 To 500, Add	*0.45*	
		For >5,000, Deduct	*-0.18*	
07 24 13 00-0018	SF	Hydrostatic Water Resistant, Acrylic Co-Polymer Base Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit Dryflex®)	7.41	
		For Up To 100, Add	*0.89*	
		For >100 To 500, Add	*0.45*	
		For >5,000, Deduct	*-0.18*	

07 24 13 00-0019 Finish Coats For Exterior Insulation Finishing Systems (EIFS) *(07 24 13 00-0001)*

Note: Includes all standard manufacturers' colors.

07 24 13 00-0020	SF	100% Acrylic-Based Aggregate Fine Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit DPR Finish)	4.62	
		For Up To 100, Add	*1.78*	
		For >100 To 500, Add	*0.89*	
		For >5,000, Deduct	*-0.36*	
07 24 13 00-0021	SF	100% Acrylic-Based Aggregate Textured Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit DPR Finish)	4.71	
		For Up To 100, Add	*1.78*	
		For >100 To 500, Add	*0.89*	
		For >5,000, Deduct	*-0.36*	
07 24 13 00-0022	SF	Lightweight Elastic, 100% Acrylic-Based Aggregate Fine Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit E™ Finish)	5.41	
		For Up To 100, Add	*1.78*	
		For >100 To 500, Add	*0.89*	
		For >5,000, Deduct	*-0.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 24 13 00-0023	SF	Lightweight Elastic, 100% Acrylic-Based Aggregate Textured Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit E™ Finish)	6.02	
		For Up To 100, Add	*1.78*	
		For >100 To 500, Add	*0.89*	
		For >5,000, Deduct	*-0.36*	
07 24 13 00-0024	SF	Mildew Resistant, 100% Acrylic-Based Aggregate Fine Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit PMR™ Finish)	5.41	
		For Up To 100, Add	*1.78*	
		For >100 To 500, Add	*0.89*	
		For >5,000, Deduct	*-0.36*	
07 24 13 00-0025	SF	Mildew Resistant, 100% Acrylic-Based Aggregate Textured Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit PMR™ Finish)	6.03	
		For Up To 100, Add	*1.78*	
		For >100 To 500, Add	*0.89*	
		For >5,000, Deduct	*-0.36*	
07 24 13 00-0026	SF	Flexible Elastomeric, 100% Acrylic-Based Smooth Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit Weatherlastic® Smooth)	4.81	
		For Up To 100, Add	*1.78*	
		For >100 To 500, Add	*0.89*	
		For >5,000, Deduct	*-0.36*	
07 24 13 00-0027	SF	Flexible Elastomeric, 100% Acrylic-Based Textured Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit Weatherlastic®)	5.46	
		For Up To 100, Add	*1.78*	
		For >100 To 500, Add	*0.89*	
		For >5,000, Deduct	*-0.36*	
07 24 13 00-0028	SF	100% Acrylic-Based Finish With Multi-Colored Quartz Aggregates, Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit Ameristone™)	10.95	
		For Up To 100, Add	*1.78*	
		For >100 To 500, Add	*0.89*	
		For >5,000, Deduct	*-0.36*	
07 24 13 00-0029		Primer And Sealers For Exterior Insulation Finishing Systems (EIFS) *(07 24 13 00-0001)*		
07 24 13 00-0030	SF	100% Acrylic-Based Primer/Adhesion Promoter For Exterior Insulation Finishing Systems (EIFS) (Dryvit Prymit®)	1.39	
		For Up To 100, Add	*0.50*	
		For >100 To 500, Add	*0.25*	
		For >5,000, Deduct	*-0.10*	
07 24 13 00-0031	SF	100% Acrylic Emulsion Primer/Sealer For Exterior Insulation Finishing Systems (EIFS) (Dryvit SealClear™)	1.42	
		For Up To 100, Add	*0.50*	
		For >100 To 500, Add	*0.25*	
		For >5,000, Deduct	*-0.10*	
07 24 13 00-0032		Air/Water/Vapor Barriers For Exterior Insulation Finishing Systems (EIFS) *(07 24 13 00-0001)*		
07 24 13 00-0033	SF	Smooth, High Performance, Polymer-Based, Non-Cementitious Water-Resistive Membrane And Air Barrier For Exterior Insulation Finishing Systems (EIFS) (Dryvit Backstop® NT™), Per Coat	1.90	
		For Up To 100, Add	*0.50*	
		For >100 To 500, Add	*0.25*	
		For >5,000, Deduct	*-0.10*	
07 24 13 00-0034	SF	Texture, High Performance, Polymer-Based, Non-Cementitious Water-Resistive Membrane And Air Barrier For Exterior Insulation Finishing Systems (EIFS) (Dryvit Backstop® NT™), Per Coat	2.35	
		For Up To 100, Add	*0.50*	
		For >100 To 500, Add	*0.25*	
		For >5,000, Deduct	*-0.10*	
07 24 13 00-0035		Drainage Accessories For Exterior Insulation Finishing Systems (EIFS) *(07 24 13 00-0001)*		
07 24 13 00-0036	SF	1/8" Thick, Flexible Polyamide Drainage Mat For Exterior Insulation Finishing Systems (EIFS) (Dryvit Drainage Mat)	2.91	
		For Up To 100, Add	*0.56*	
		For >100 To 500, Add	*0.28*	
		For >5,000, Deduct	*-0.11*	
07 24 13 00-0037		Starter Tracks For Exterior Insulation Finishing Systems (EIFS) *(07 24 13 00-0001)*		
07 24 13 00-0038	LF	1" Width, Polyvinyl Chloride (PVC) Perforated "J" Channel Drainage Track (Dryvit Starter Trac STWP)	4.23	
07 24 13 00-0039	LF	1-1/2" Width, Polyvinyl Chloride (PVC) Perforated "J" Channel Drainage Track (Dryvit Starter Trac STWP)	4.56	
07 24 13 00-0040	LF	2" Width, Polyvinyl Chloride (PVC) Perforated "J" Channel Drainage Track (Dryvit Starter Trac STWP)	4.95	
07 24 13 00-0041	LF	3" Width, Polyvinyl Chloride (PVC) Perforated "J" Channel Drainage Track (Dryvit Starter Trac STWP)	5.76	
07 24 13 00-0042	LF	1" Width, Polyvinyl Chloride (PVC) Perforated "J" Channel Drainage Track With Drip Edge (Dryvit Starter Trac STDE)	4.56	
07 24 13 00-0043	LF	1-1/2" Width, Polyvinyl Chloride (PVC) Perforated "J" Channel Drainage Track With Drip Edge (Dryvit Starter Trac STDE)	4.95	
07 24 13 00-0044	LF	2" Width, Polyvinyl Chloride (PVC) Perforated "J" Channel Drainage Track With Drip Edge (Dryvit Starter Trac STDE)	5.33	
07 24 13 00-0045	LF	3" Width, Polyvinyl Chloride (PVC) Perforated "J" Channel Drainage Track With Drip Edge (Dryvit Starter Trac STDE)	6.23	
07 24 13 00-0046		Demolish Exterior Insulation Finishing Systems (EIFS) *(07 24 13 00-0001)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 24 13 00-0047	SF	Demolish Exterior Insulation Finishing Systems (EIFS) Note: Includes demolition of all finish coats, base coats, reinforcing layers and insulation layers down to the substrate. Excludes demolition of sheathing.	7.46	
		For Up To 100, Add	*3.73*	
		For >100 To 500, Add	*1.87*	
		For >5,000, Deduct	*-0.75*	

07 25 Weather Barriers *(07)*

07 26 Vapor Retarders *(07 25)*

07 26 13 Above-Grade Vapor Retarders *(07 26)*

07 26 13 00-0001	CSF	Two Layer Kraft Paper Laminated With Asphalt, Grade "B" Building Paper (Aquabar B)	32.30	
07 26 13 00-0002	CSF	Asphalt Saturated Kraft Building Paper, Grade D (Fortifiber Jumbo Tex)	30.03	
07 26 13 00-0003	CSF	60 Minute Asphalt Saturated Kraft Building Paper, Grade D (Fortifiber Super Jumbo Tex 60 Minute)	37.29	
07 26 13 00-0004	CSF	Two Ply 60 Minute Asphalt Saturated Kraft Building Paper, Grade D (Fortifiber Two Ply Super Jumbo Tex 60 Minute)	47.93	
07 26 13 00-0005	CSF	Regular Weight Red Rosin Sized Sheathing	27.70	
07 26 13 00-0006	CLF	6" Wide Two Layer Kraft Paper Laminated With Asphalt, Building Flashing Paper (Bond Beam Paper)	93.29	
07 26 13 00-0007	CLF	4" Wide Self Adhering Butyl Sealing Tape	140.52	
07 26 13 00-0008	CLF	6" Wide Self Adhesive Butyl Sealing Tape	202.08	
07 26 13 00-0009	CLF	9" Wide Self Adhesive Butyl Sealing Tape	279.75	
07 26 13 00-0010	CSF	Building Wrap (Tyvek)	71.45	

07 27 Air Barriers *(07 25)*

07 27 23 Board Product Air Barriers *(07 27)*

07 27 23 00-0001 Barriers For Plenums *(07 27 23)*

07 27 23 00-0002	SF	0.5" Thick Leaded Vinyl Acoustic Plenum Barrier 0.48 LB/SF	13.37	3.57
		For Up To 50, Add	*4.80*	
		For >50 To 200, Add	*2.74*	
		For >200 To 500, Add	*1.02*	
		For >2,500, Deduct	*-0.67*	
07 27 23 00-0003	SF	0.625" Thick Leaded Vinyl Acoustic Plenum Barrier 0.87 LB/SF	14.46	3.57
		For Up To 50, Add	*5.24*	
		For >50 To 200, Add	*2.98*	
		For >200 To 500, Add	*1.11*	
		For >2,500, Deduct	*-0.72*	
07 27 23 00-0004	SF	Aluminum Foil Fiberglass Reinforced Plenum Bar Parallel With Joists 1" Thick	5.21	2.37
		For Up To 50, Add	*2.51*	
		For >50 To 200, Add	*1.39*	
		For >200 To 500, Add	*0.48*	
		For >2,500, Deduct	*-0.26*	
07 27 23 00-0005	SF	Aluminum Foil Fiberglass Reinforced Plenum Bar Perpendicular With Joists 1" Thick	9.53	3.57
		For Up To 50, Add	*4.50*	
		For >50 To 200, Add	*2.49*	
		For >200 To 500, Add	*0.86*	
		For >2,500, Deduct	*-0.48*	
07 27 23 00-0006	SF	Aluminum Mesh Barrier For Plenum Kraft Paper Backed	6.57	2.37
		For Up To 50, Add	*2.72*	
		For >50 To 200, Add	*1.52*	
		For >200 To 500, Add	*0.55*	
		For >2,500, Deduct	*-0.33*	
07 27 23 00-0007	SF	1/64" Thick Sheet Lead Barrier For Plenum 1 LB/SF	10.28	2.37
		For Up To 50, Add	*3.13*	
		For >50 To 200, Add	*1.82*	
		For >200 To 500, Add	*0.71*	
		For >2,500, Deduct	*-0.51*	

07 27 23 00-0008 Under Slab Insulation, Extruded Polystyrene (XPS) Sheets *(07 27 23)*

07 27 23 00-0009	SF	1" Extruded Polystyrene Foam (XPS) Sheet Under Slab Insulation	2.10	
07 27 23 00-0010	SF	2" Extruded Polystyrene Foam (XPS) Sheet Under Slab Insulation	3.16	
07 27 23 00-0011	SF	3" Extruded Polystyrene Foam (XPS) Sheet Under Slab Insulation	4.09	
07 27 23 00-0012	SF	4" Extruded Polystyrene Foam (XPS) Sheet Under Slab Insulation	5.01	

07 30 Steep Slope Roofing *(07)*

Note: Includes starter strips and manufacturer's product specific warranties.

07 31 Shingles and Shakes *(07 30)*

07 31 13 Asphalt Shingles *(07 31)*

07 31 13 13 Fiberglass-Reinforced Asphalt Shingles *(07 31 13)*

07 31 13 13-0001 Three Tab Fiberglass Reinforced, Asphalt Composition Shingle *(07 31 13 13)*

Note: Excludes underlayment, drip edges, and ridge vent/shingles.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 31 13 13-0002	SQ	200 LB/SQ, 5" Exposure, Three Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed CT 20)	286.63	190.59
		For >35 To 75, Deduct	*-11.33*	
		For >75 To 100, Deduct	*-17.93*	
		For >100 To 200, Deduct	*-26.79*	
		For >200, Deduct	*-39.99*	
		For Steep Roof, Over 7 To 12, Add	*55.47*	
07 31 13 13-0003	SQ	220 LB/SQ, 5" Exposure, Three Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed XT 25)	300.59	200.16
		For >35 To 75, Deduct	*-11.86*	
		For >75 To 100, Deduct	*-18.78*	
		For >100 To 200, Deduct	*-28.08*	
		For >200, Deduct	*-41.92*	
		For Steep Roof, Over 7 To 12, Add	*58.23*	
07 31 13 13-0004	SQ	230 LB/SQ, 5" Exposure, Three Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed XT 30)	347.41	210.14
		For >35 To 75, Deduct	*-15.63*	
		For >75 To 100, Deduct	*-23.53*	
		For >100 To 200, Deduct	*-34.56*	
		For >200, Deduct	*-50.37*	
		For Steep Roof, Over 7 To 12, Add	*61.16*	

07 31 13 13-0005 Architectural Fiberglass Reinforced, Asphalt Composition Shingle *(07 31 13 13)*

Note: Excludes underlayment, drip edges, and ridge vent/shingles.

07 31 13 13-0006	SQ	245 LB/SQ, 5" Exposure, Two Layer Laminated Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Landmark)	357.60	243.31
		For >35 To 75, Deduct	*-13.64*	
		For >75 To 100, Deduct	*-21.90*	
		For >100 To 200, Deduct	*-32.89*	
		For >200, Deduct	*-49.40*	
		For Steep Roof, Over 7 To 12, Add	*70.77*	
07 31 13 13-0007	SQ	240 LB/SQ, 8" Exposure, Four Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Highland Slate)	377.99	231.65
		For >35 To 75, Deduct	*-16.73*	
		For >75 To 100, Deduct	*-25.35*	
		For >100 To 200, Deduct	*-37.31*	
		For >200, Deduct	*-54.53*	
		For Steep Roof, Over 7 To 12, Add	*67.41*	
07 31 13 13-0008	SQ	265 LB/SQ, 5" Exposure, Two Layer Laminated Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Landmark Plus)	409.57	255.47
		For >35 To 75, Deduct	*-17.73*	
		For >75 To 100, Deduct	*-27.08*	
		For >100 To 200, Deduct	*-39.98*	
		For >200, Deduct	*-58.69*	
		For Steep Roof, Over 7 To 12, Add	*74.33*	
07 31 13 13-0009	SQ	235 LB/SQ, 8" Exposure, Four Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Hatteras)	394.94	220.63
		For >35 To 75, Deduct	*-19.44*	
		For >75 To 100, Deduct	*-28.34*	
		For >100 To 200, Deduct	*-41.13*	
		For >200, Deduct	*-58.93*	
		For Steep Roof, Over 7 To 12, Add	*64.18*	
07 31 13 13-0010	SQ	300 LB/SQ, 5" Exposure, Two Layer Laminated Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Landmark Premium)	444.14	268.26
		For >35 To 75, Deduct	*-20.03*	
		For >75 To 100, Deduct	*-30.13*	
		For >100 To 200, Deduct	*-44.24*	
		For >200, Deduct	*-64.45*	
		For Steep Roof, Over 7 To 12, Add	*78.02*	
07 31 13 13-0011	SQ	300 LB/SQ, 5" Exposure, Random Laminated Tabs, One Piece, Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Independence)	473.50	268.26
		For >35 To 75, Deduct	*-22.97*	
		For >75 To 100, Deduct	*-33.66*	
		For >100 To 200, Deduct	*-48.94*	
		For >200, Deduct	*-70.32*	
		For Steep Roof, Over 7 To 12, Add	*78.02*	
07 31 13 13-0012	SQ	355 LB/SQ, 4" Exposure, Sculpted Edge, Two Layer Laminated Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Presidential Shake)	517.15	295.71
		For >35 To 75, Deduct	*-24.83*	
		For >75 To 100, Deduct	*-36.51*	
		For >100 To 200, Deduct	*-53.17*	
		For >200, Deduct	*-76.54*	
		For Steep Roof, Over 7 To 12, Add	*86.04*	
07 31 13 13-0013	SQ	340 LB/SQ, 5" Exposure, Three Layer Laminated Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Landmark TL)	512.63	281.67
		For >35 To 75, Deduct	*-25.66*	
		For >75 To 100, Deduct	*-37.20*	
		For >100 To 200, Deduct	*-53.86*	
		For >200, Deduct	*-76.93*	
		For Steep Roof, Over 7 To 12, Add	*81.92*	
07 31 13 13-0014	SQ	300 LB/SQ, 5" Exposure, Reflective Two Layer Laminated Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Landmark Solaris)	509.60	268.26
		For >35 To 75, Deduct	*-26.58*	
		For >75 To 100, Deduct	*-37.99*	
		For >100 To 200, Deduct	*-54.72*	
		For >200, Deduct	*-77.54*	
		For Steep Roof, Over 7 To 12, Add	*78.02*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 31 13 13-0015	SQ	355 LB/SQ, 8" Exposure, Two Full Size Layers, Four Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Centennial Slate)	596.20	295.71
		For >35 To 75, Deduct	*-32.73*	
		For >75 To 100, Deduct	*-46.00*	
		For >100 To 200, Deduct	*-65.82*	
		For >200, Deduct	*-92.35*	
		For Steep Roof, Over 7 To 12, Add	*86.04*	
07 31 13 13-0016	SQ	355 LB/SQ, 8" Exposure, Scalloped Cut, Two Full Size Layers, Four Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Carriage House)	616.78	295.71
		For >35 To 75, Deduct	*-34.79*	
		For >75 To 100, Deduct	*-48.47*	
		For >100 To 200, Deduct	*-69.11*	
		For >200, Deduct	*-96.47*	
		For Steep Roof, Over 7 To 12, Add	*86.04*	
07 31 13 13-0017	SQ	480 LB/SQ, 4" Exposure, Sculpted Edge, Three Layer Laminated Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Presidential Shake TL)	685.17	326.07
		For >35 To 75, Deduct	*-38.87*	
		For >75 To 100, Deduct	*-54.06*	
		For >100 To 200, Deduct	*-77.02*	
		For >200, Deduct	*-107.39*	
		For Steep Roof, Over 7 To 12, Add	*94.86*	
07 31 13 13-0018	SQ	425 LB/SQ, 8" Exposure, Random Laminated Tabs, Two Full Size Layers, Four Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed GrandManor)	674.60	310.47
		For >35 To 75, Deduct	*-39.23*	
		For >75 To 100, Deduct	*-54.13*	
		For >100 To 200, Deduct	*-76.88*	
		For >200, Deduct	*-106.69*	
		For Steep Roof, Over 7 To 12, Add	*90.34*	

07 31 13 13-0019 Asphalt Shingle Accessories *(07 31 13 13)*

07 31 13 13-0020	LF	Hip And Ridge Roll Vent Note: Excludes shingles.	8.68	1.14
07 31 13 13-0021	LF	Three Tab Hip And Ridge Shingles	4.03	2.84
07 31 13 13-0022	LF	Architectural Hip And Ridge Shingles	4.86	3.15
07 31 13 13-0023	SQ	Demolish Each Additional Layer Of Shingles	88.38	

07 31 16 Metal Shingles *(07 31)*

07 31 16 00-0001 Aluminum Shingles *(07 31 16)*

07 31 16 00-0002	SQ	Aluminum Shingles, Mill Finish, 0.020" Thick	755.57	180.53
		For Colors, Anodized Finish, Add	*30.00*	
		For Bonderized Finish, Add	*47.00*	
		For 1" Factory Applied Polystyrene, Add	*37.00*	
07 31 16 00-0003	SQ	Aluminum Shingles, Mill Finish, 0.030" Thick	1,029.30	197.31
		For Colors, Anodized Finish, Add	*30.00*	
		For Bonderized Finish, Add	*47.00*	
		For 1" Factory Applied Polystyrene, Add	*37.00*	
07 31 16 00-0004	LF	Aluminum Shingles, Ridge Cap, 0.020" Thick	13.78	2.60
07 31 16 00-0005	LF	Aluminum Shingles, Ridge Cap, 0.030" Thick	14.43	2.60
07 31 16 00-0006	LF	Aluminum Shingles, Valley Section, 0.020" Thick	8.98	2.60
07 31 16 00-0007	LF	Aluminum Shingles, Valley Section, 0.030" Thick	10.26	2.60

07 31 16 00-0008 Galvanized Steel Shingles *(07 31 16)*

07 31 16 00-0009	SQ	24 Gauge, 0.0276" Thickness, Galvanized Steel Shingles	596.68	162.44
		For Factory Applied 1" Polystyrene Insulation, Add	*24.75*	
		For >50 To 75, Deduct	*-10.87*	
		For >75 To 100, Deduct	*-27.15*	
		For >100 To 200, Deduct	*-46.14*	
		For >200, Deduct	*-62.41*	
		For Steep Roof, Over 7 To 12, Add	*103.98*	
07 31 16 00-0010	SQ	26 Gauge, 0.0217" Thickness, Galvanized Steel Shingles	571.53	161.14
		For Factory Applied 1" Polystyrene Insulation, Add	*24.75*	
		For >50 To 75, Deduct	*-9.97*	
		For >75 To 100, Deduct	*-25.51*	
		For >100 To 200, Deduct	*-43.54*	
		For >200, Deduct	*-59.07*	
		For Steep Roof, Over 7 To 12, Add	*103.09*	
07 31 16 00-0011	SQ	24 Gauge, 0.0276" Thickness, Galvanized And Bonderized Steel Shingles	992.87	162.44
		For Factory Applied 1" Polystyrene Insulation, Add	*24.75*	
		For >50 To 75, Deduct	*-26.72*	
		For >75 To 100, Deduct	*-54.88*	
		For >100 To 200, Deduct	*-89.72*	
		For >200, Deduct	*-117.88*	
		For Steep Roof, Over 7 To 12, Add	*103.98*	
07 31 16 00-0012	SQ	26 Gauge, 0.0276" Thickness, Galvanized And Bonderized Steel Shingles	907.76	161.14
		For Factory Applied 1" Polystyrene Insulation, Add	*24.75*	
		For >50 To 75, Deduct	*-23.42*	
		For >75 To 100, Deduct	*-49.05*	
		For >100 To 200, Deduct	*-80.52*	
		For >200, Deduct	*-106.15*	
		For Steep Roof, Over 7 To 12, Add	*103.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 31 16 00-0013	LF	Galvanized Steel Shingles, Ridge Or Valley	9.97	2.17
		For Factory Applied 1" Polystyrene Insulation, Add	*24.75*	
		For >50 To 75, Deduct	*-0.23*	
		For >75 To 100, Deduct	*-0.51*	
		For >100 To 200, Deduct	*-0.84*	
		For >200, Deduct	*-1.12*	
		For Steep Roof, Over 7 To 12, Add	*1.36*	

07 31 26 Slate Shingles *(07 31)*

Note: Includes 30 LB felt and fasteners.

07 31 26 00-0001 Shingles Including 30 LB Felt And Nails *(07 31 26)*

07 31 26 00-0002	SQ	Slate Shingles, Buckingham, Virginia Black, 3/16" Thick	1,385.64	277.08
		For >50 To 75, Deduct	*-30.80*	
		For >75 To 100, Deduct	*-69.29*	
		For >100 To 200, Deduct	*-115.48*	
		For >200, Deduct	*-153.97*	
		For Graduated Shapes, Add	*115.49*	
		For Steep Roof, Over 7 To 12, Add	*197.02*	
07 31 26 00-0003	SQ	Slate Shingles, Buckingham, Virginia Black, 1/4" Thick	1,597.01	277.08
		For >50 To 75, Deduct	*-39.25*	
		For >75 To 100, Deduct	*-84.08*	
		For >100 To 200, Deduct	*-138.73*	
		For >200, Deduct	*-183.56*	
		For Graduated Shapes, Add	*147.20*	
		For Steep Roof, Over 7 To 12, Add	*197.02*	
07 31 26 00-0004	SQ	Slate Shingles, Penn Black Bangor	1,533.60	277.08
		For >50 To 75, Deduct	*-36.72*	
		For >75 To 100, Deduct	*-79.65*	
		For >100 To 200, Deduct	*-131.75*	
		For >200, Deduct	*-174.68*	
		For Graduated Shapes, Add	*137.69*	
		For Steep Roof, Over 7 To 12, Add	*197.02*	
07 31 26 00-0005	SQ	Slate Shingles, Vermont, Unfading Colors, Green	1,554.73	277.08
		For >50 To 75, Deduct	*-37.56*	
		For >75 To 100, Deduct	*-81.13*	
		For >100 To 200, Deduct	*-134.08*	
		For >200, Deduct	*-177.64*	
		For Graduated Shapes, Add	*140.86*	
		For Steep Roof, Over 7 To 12, Add	*197.02*	
07 31 26 00-0006	SQ	Slate Shingles, Vermont, Unfading Colors, Semi-Weathered, Green/Gray	1,639.28	277.08
		For >50 To 75, Deduct	*-40.94*	
		For >75 To 100, Deduct	*-87.04*	
		For >100 To 200, Deduct	*-143.38*	
		For >200, Deduct	*-189.48*	
		For Graduated Shapes, Add	*153.54*	
		For Steep Roof, Over 7 To 12, Add	*197.02*	
07 31 26 00-0007	SQ	Slate Shingles, Vermont, Unfading Color, Purple	1,533.60	277.08
		For >50 To 75, Deduct	*-36.72*	
		For >75 To 100, Deduct	*-79.65*	
		For >100 To 200, Deduct	*-131.75*	
		For >200, Deduct	*-174.68*	
		For Graduated Shapes, Add	*137.69*	
		For Steep Roof, Over 7 To 12, Add	*197.02*	
07 31 26 00-0008	SQ	Slate Shingles, Vermont, Unfading Color, Black Or Gray	1,470.19	277.08
		For >50 To 75, Deduct	*-34.18*	
		For >75 To 100, Deduct	*-75.21*	
		For >100 To 200, Deduct	*-124.78*	
		For >200, Deduct	*-165.81*	
		For Graduated Shapes, Add	*128.18*	
		For Steep Roof, Over 7 To 12, Add	*197.02*	
07 31 26 00-0009	SQ	Slate Shingles, Vermont, Unfading Color, Red	2,790.92	277.08
		For >50 To 75, Deduct	*-87.01*	
		For >75 To 100, Deduct	*-167.66*	
		For >100 To 200, Deduct	*-270.06*	
		For >200, Deduct	*-350.71*	
		For Graduated Shapes, Add	*326.28*	
		For Steep Roof, Over 7 To 12, Add	*197.02*	
07 31 26 00-0010	SQ	Slate Shingles, Vermont, Unfading Color, Variegated Purple	1,533.60	277.08
		For >50 To 75, Deduct	*-36.72*	
		For >75 To 100, Deduct	*-79.65*	
		For >100 To 200, Deduct	*-131.75*	
		For >200, Deduct	*-174.68*	
		For Graduated Shapes, Add	*137.69*	
		For Steep Roof, Over 7 To 12, Add	*197.02*	

07 31 29 Wood Shingles and Shakes *(07 31)*

07 31 29 13 Wood Shingles *(07 31 29)*

07 31 29 13-0001 #1 Grade, Red Cedar Shingles *(07 31 29 13)*

07 31 29 13-0002 #1 Grade, Red Cedar Shingles Installed On Roofs *(07 31 29 13-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 31 29 13-0003	SQ	3-3/4" Exposure, 16" Shingle, #1 Grade, Red Cedar Shingles Installed On Roof	955.34	237.86
		For Steep Roof, Over 7 To 12, Add	*152.23*	
		For Pressure-Impregnated Treated (Preservative), Add	*71.94*	
07 31 29 13-0004	SQ	5" Exposure, 16" Shingle, #1 Grade, Red Cedar Shingles Installed On Roof	692.54	178.39
		For Steep Roof, Over 7 To 12, Add	*114.18*	
		For Pressure-Impregnated Treated (Preservative), Add	*50.36*	
07 31 29 13-0005	SQ	4-1/2" Exposure, 18" Shingle, #1 Grade, Red Cedar Shingles Installed On Roof	848.00	202.18
		For Steep Roof, Over 7 To 12, Add	*129.40*	
		For Pressure-Impregnated Treated (Preservative), Add	*66.54*	
07 31 29 13-0006	SQ	5-1/2" Exposure, 18" Shingle, #1 Grade, Red Cedar Shingles Installed On Roof	694.56	166.50
		For Steep Roof, Over 7 To 12, Add	*106.56*	
		For Pressure-Impregnated Treated (Preservative), Add	*54.23*	
07 31 29 13-0007	SQ	5-3/4" Exposure, 24" Shingle, #1 Grade, Red Cedar Shingles Installed On Roof	919.52	157.59
		For Steep Roof, Over 7 To 12, Add	*100.85*	
		For Pressure-Impregnated Treated (Preservative), Add	*90.65*	
07 31 29 13-0008	SQ	7-1/2" Exposure, 24" Shingle, #1 Grade, Red Cedar Shingles Installed On Roof	711.79	133.79
		For Steep Roof, Over 7 To 12, Add	*85.63*	
		For Pressure-Impregnated Treated (Preservative), Add	*66.63*	

07 31 29 13-0009 #1 Grade, Red Cedar Shingles Installed On Walls *(07 31 29 13-0001)*

07 31 29 13-0010	SQ	7" Exposure, 16" Shingle, #1 Grade, Red Cedar Shingles Installed On Wall	667.96	214.08
		For Pressure-Impregnated Treated (Preservative), Add	*35.97*	
07 31 29 13-0011	SQ	8" Exposure, 18" Shingle, #1 Grade, Red Cedar Shingles Installed On Wall	653.72	202.18
		For Pressure-Impregnated Treated (Preservative), Add	*37.40*	
07 31 29 13-0012	SQ	10-1/2" Exposure, 24" Shingle, #1 Grade, Red Cedar Shingles Installed On Wall	668.13	175.43
		For Pressure-Impregnated Treated (Preservative), Add	*47.59*	

07 31 29 13-0013 #2 Grade, Red Cedar Shingles *(07 31 29 13)*

07 31 29 13-0014 #2 Grade, Red Cedar Shingles Installed On Roofs *(07 31 29 13-0013)*

07 31 29 13-0015	SQ	3-1/2" Exposure, 16" Shingle, #2 Grade, Red Cedar Shingles Installed On Roof	886.90	249.76
		For Steep Roof, Over 7 To 12, Add	*159.84*	
		For Pressure-Impregnated Treated (Preservative), Add	*58.11*	
07 31 29 13-0016	SQ	4" Exposure, 16" Shingle, #2 Grade, Red Cedar Shingles Installed On Roof	790.89	225.97
		For Steep Roof, Over 7 To 12, Add	*144.62*	
		For Pressure-Impregnated Treated (Preservative), Add	*50.84*	
07 31 29 13-0017	SQ	4" Exposure, 18" Shingle, #2 Grade, Red Cedar Shingles Installed On Roof	843.77	225.97
		For Steep Roof, Over 7 To 12, Add	*144.62*	
		For Pressure-Impregnated Treated (Preservative), Add	*58.78*	
07 31 29 13-0018	SQ	4-1/2" Exposure, 18" Shingle, #2 Grade, Red Cedar Shingles Installed On Roof	752.94	202.18
		For Steep Roof, Over 7 To 12, Add	*129.40*	
		For Pressure-Impregnated Treated (Preservative), Add	*52.29*	
07 31 29 13-0019	SQ	5-3/4" Exposure, 24" Shingle, #2 Grade, Red Cedar Shingles Installed On Roof	736.81	157.59
		For Steep Roof, Over 7 To 12, Add	*100.85*	
		For Pressure-Impregnated Treated (Preservative), Add	*63.25*	
07 31 29 13-0020	SQ	6-1/2" Exposure, 24" Shingle, #2 Grade, Red Cedar Shingles Installed On Roof	601.96	136.77
		For Steep Roof, Over 7 To 12, Add	*87.53*	
		For Pressure-Impregnated Treated (Preservative), Add	*49.26*	

07 31 29 13-0021 #2 Grade, Red Cedar Shingles Installed On Walls *(07 31 29 13-0013)*

07 31 29 13-0022	SQ	6" Exposure, 16" Shingle, #2 Grade, Red Cedar Shingles Installed On Wall	645.62	225.97
		For Pressure-Impregnated Treated (Preservative), Add	*29.05*	
07 31 29 13-0023	SQ	7" Exposure, 18" Shingle, #2 Grade, Red Cedar Shingles Installed On Wall	624.07	214.08
		For Pressure-Impregnated Treated (Preservative), Add	*29.39*	
07 31 29 13-0024	SQ	9" Exposure, 24" Shingle, #2 Grade, Red Cedar Shingles Installed On Wall	601.94	190.29
		For Pressure-Impregnated Treated (Preservative), Add	*33.20*	

07 31 29 16 Wood Shakes *(07 31 29)*

07 31 29 16-0001 #1 Grade, Red Cedar Shakes *(07 31 29 16)*

07 31 29 16-0002 #1 Grade, Red Cedar Shakes Installed On Roofs *(07 31 29 16-0001)*

07 31 29 16-0003	SQ	8-1/2" Exposure, 1/2" Thick, 18" Shake, #1 Grade, Red Cedar Shakes Installed On Roof	696.44	193.26
		For Steep Roof, Over 7 To 12, Add	*123.69*	
		For Pressure-Impregnated Treated (Preservative), Add	*46.49*	
07 31 29 16-0004	SQ	8-1/2" Exposure, 3/4" Thick, 18" Shake, #1 Grade, Red Cedar Shakes Installed On Roof	799.74	193.26
		For Steep Roof, Over 7 To 12, Add	*123.69*	
		For Pressure-Impregnated Treated (Preservative), Add	*61.98*	
07 31 29 16-0005	SQ	10" Exposure, 1/2" Thick, 24" Shake, #1 Grade, Red Cedar Shakes Installed On Roof	741.29	157.59
		For Steep Roof, Over 7 To 12, Add	*100.85*	
		For Pressure-Impregnated Treated (Preservative), Add	*63.92*	
07 31 29 16-0006	SQ	10" Exposure, 3/4" Thick, 24" Shake, #1 Grade, Red Cedar Shakes Installed On Roof	785.19	157.59
		For Steep Roof, Over 7 To 12, Add	*100.85*	
		For Pressure-Impregnated Treated (Preservative), Add	*70.50*	

07 31 29 16-0007 #1 Grade, Red Cedar Shakes Installed On Walls *(07 31 29 16-0001)*

07 31 29 16-0008	SQ	8-1/2" Exposure, 1/2" Thick, 18" Shake, #1 Grade, Red Cedar Shakes Installed On Wall	726.17	208.12
		For Pressure-Impregnated Treated (Preservative), Add	*46.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 31 29 16-0009	SQ	8-1/2" Exposure, 3/4" Thick, 18" Shake, #1 Grade, Red Cedar Shakes Installed On Wall	829.47	208.12
		For Pressure-Impregnated Treated (Preservative), Add	*61.98*	
07 31 29 16-0010	SQ	10" Exposure, 1/2" Thick, 24" Shake, #1 Grade, Red Cedar Shakes Installed On Wall	782.93	178.39
		For Pressure-Impregnated Treated (Preservative), Add	*63.92*	
07 31 29 16-0011	SQ	10" Exposure, 3/4" Thick, 24" Shake, #1 Grade, Red Cedar Shakes Installed On Wall	826.83	178.39
		For Pressure-Impregnated Treated (Preservative), Add	*70.50*	

07 31 29 19 Wood Shingles And Shakes Cap *(07 31 29)*

07 31 29 19-0001 Accessories *(07 31 29 19)*

07 31 29 19-0002	LF	Hip Or Ridge Cap For Wood Shingles Or Shakes	11.78	1.55
		For Steep Roof, Over 7 To 12, Add	*1.15*	
		For Pressure-Impregnated Treated (Preservative) Ridge, Add	*1.23*	

07 31 33 Composite Rubber Shingles *(07 31)*

07 31 33 00-0001 Synthetic Polymeric Rubber Slate Shingles *(07 31 33)*

Note: As manufactured by EcoStar.

07 31 33 00-0002	SQ	Class C Rectangular Edges Polymeric Rubber Slate Shingles, 7.0" Exposure Note: Gray or black.	1,329.95	241.93
		For Purple Or Green Color, Add	*135.39*	
		For Brown Or Red Color, Add	*346.93*	
		For Steep Roof, Over 7 To 12, Add	*154.81*	
		For >50 To 75, Deduct	*-21.15*	
		For >75 To 100, Deduct	*-54.40*	
		For >100 To 200, Deduct	*-87.65*	
		For >200, Deduct	*-133.00*	
		For 6.5" Exposure, Add	*92.69*	
		For 6.0" Exposure, Add	*185.38*	
07 31 33 00-0003	SQ	Class A Rectangular Edges Polymeric Rubber Slate Shingles, 7.0" Exposure Note: Fire resistant. Gray or black.	1,894.06	241.93
		For Purple, Green, Brown Or Red, Add	*211.54*	
		For Steep Roof, Over 7 To 12, Add	*154.81*	
		For >50 To 75, Deduct	*-35.26*	
		For >75 To 100, Deduct	*-82.61*	
		For >100 To 200, Deduct	*-129.96*	
		For >200, Deduct	*-189.41*	
		For 6.5" Exposure, Add	*132.99*	
		For 6.0" Exposure, Add	*265.97*	
07 31 33 00-0004	SQ	Class C Shaped Polymeric Rubber Slate Shingle, 7.0" Exposure Note: Beaver tail, chisel point or beveled edges. Gray or black.	1,562.23	241.93
		For Purple, Green, Brown Or Red, Add	*388.24*	
		For Steep Roof, Over 7 To 12, Add	*154.81*	
		For >50 To 75, Deduct	*-26.96*	
		For >75 To 100, Deduct	*-66.02*	
		For >100 To 200, Deduct	*-105.07*	
		For >200, Deduct	*-156.22*	
		For 6.5" Exposure, Add	*109.29*	
		For 6.0" Exposure, Add	*218.57*	
07 31 33 00-0005	SQ	Class A Shaped Polymeric Rubber Slate Shingle, 7.0" Exposure Note: Fire resistant. Beaver tail, chisel point or beveled edges. Gray or black.	2,010.20	241.93
		For Purple, Green, Brown Or Red, Add	*167.91*	
		For Steep Roof, Over 7 To 12, Add	*154.81*	
		For >50 To 75, Deduct	*-38.16*	
		For >75 To 100, Deduct	*-88.42*	
		For >100 To 200, Deduct	*-138.67*	
		For >200, Deduct	*-201.02*	
		For 6.5" Exposure, Add	*141.28*	
		For 6.0" Exposure, Add	*282.56*	
07 31 33 00-0006	LF	Hip Or Ridge Polymeric Rubber Slate Shingle Note: Beveled or pointed edges, gray or black.	15.21	1.63

07 32 Roof Tiles *(07 30)*

07 32 13 Clay Roof Tiles *(07 32)*

Note: 8-1/4" x 11" exposure. Includes mortar, battens, fasteners, felt underlayment and 90# cap sheet.

07 32 13 00-0001 Clay Roofing Tile 8-1/4" x 11" Exposure *(07 32 13)*

Note: Includes mortar, battens, fasteners, felt underlayment and 90# cap sheet.

07 32 13 00-0002	SQ	Lanai Or Classic Tile, 158 Piece Per SQ	1,310.19	262.78
		For >25 To 50, Deduct	*-47.07*	
		For >50 To 75, Deduct	*-91.60*	
		For >75 To 100, Deduct	*-128.27*	
		For >100 To 200, Deduct	*-157.11*	
		For >200, Deduct	*-178.09*	
		For 20 Year Warranty, Add	*54.92*	
07 32 13 00-0003	SQ	Americana (Most Colors) Tile Roofing, 158 Piece Per SQ	1,561.65	262.78
		For >25 To 50, Deduct	*-62.16*	
		For >50 To 75, Deduct	*-116.74*	
		For >75 To 100, Deduct	*-160.96*	
		For >100 To 200, Deduct	*-194.83*	
		For >200, Deduct	*-218.33*	
		For 20 Year Warranty, Add	*72.52*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 32 13 00-0004	SQ	Americana (Green, Gray Or Brown) Tile, 158 Piece Per SQ	1,561.65	262.78
		For >25 To 50, Deduct	*-62.16*	
		For >50 To 75, Deduct	*-116.74*	
		For >75 To 100, Deduct	*-160.96*	
		For >100 To 200, Deduct	*-194.83*	
		For >200, Deduct	*-218.33*	
		For 20 Year Warranty, Add	*72.52*	
07 32 13 00-0005	SQ	Americana (Blue) Tile, 158 Piece Per SQ	1,775.01	262.78
		For >25 To 50, Deduct	*-74.96*	
		For >50 To 75, Deduct	*-138.08*	
		For >75 To 100, Deduct	*-188.70*	
		For >100 To 200, Deduct	*-226.83*	
		For >200, Deduct	*-252.46*	
		For 20 Year Warranty, Add	*87.46*	
07 32 13 00-0006	SQ	French Tile Roofing, Red, 133 Piece Per SQ	1,562.33	321.30
		For >25 To 50, Deduct	*-55.19*	
		For >50 To 75, Deduct	*-108.04*	
		For >75 To 100, Deduct	*-151.70*	
		For >100 To 200, Deduct	*-186.16*	
		For >200, Deduct	*-211.42*	
		For 20 Year Warranty, Add	*64.38*	
07 32 13 00-0007	SQ	French Tile Roofing, Blue Or Green, 133 Piece Per SQ	1,937.67	321.30
		For >25 To 50, Deduct	*-77.71*	
		For >50 To 75, Deduct	*-145.57*	
		For >75 To 100, Deduct	*-200.49*	
		For >100 To 200, Deduct	*-242.46*	
		For >200, Deduct	*-271.47*	
		For 20 Year Warranty, Add	*90.66*	
07 32 13 00-0008	SQ	Norman Tile Roofing, 317 Piece Per SQ	2,474.15	433.45
		For >25 To 50, Deduct	*-96.45*	
		For >50 To 75, Deduct	*-182.42*	
		For >75 To 100, Deduct	*-252.31*	
		For >100 To 200, Deduct	*-306.13*	
		For >200, Deduct	*-343.87*	
		For 20 Year Warranty, Add	*112.53*	
07 32 13 00-0009	SQ	Williamsburg Tile Roofing, Aged Cedar, 158 Piece Per SQ	1,374.54	321.30
		For >25 To 50, Deduct	*-43.92*	
		For >50 To 75, Deduct	*-89.26*	
		For >75 To 100, Deduct	*-127.28*	
		For >100 To 200, Deduct	*-157.99*	
		For >200, Deduct	*-181.37*	
		For 20 Year Warranty, Add	*51.24*	
07 32 13 00-0010	SQ	Williamsburg Tile Roofing, Gray Or Green, 158 Piece Per SQ	1,678.59	321.30
		For >25 To 50, Deduct	*-62.16*	
		For >50 To 75, Deduct	*-119.67*	
		For >75 To 100, Deduct	*-166.81*	
		For >100 To 200, Deduct	*-203.60*	
		For >200, Deduct	*-230.02*	
		For 20 Year Warranty, Add	*72.52*	
07 32 13 00-0011	SQ	Spanish Tile Roofing, Red, 171 Piece Per SQ	1,174.30	240.57
		For >25 To 50, Deduct	*-41.59*	
		For >50 To 75, Deduct	*-81.34*	
		For >75 To 100, Deduct	*-114.16*	
		For >100 To 200, Deduct	*-140.06*	
		For >200, Deduct	*-159.02*	
		For 20 Year Warranty, Add	*48.52*	
07 32 13 00-0012	SQ	Spanish Tile Roofing, Blend, 171 Piece Per SQ	1,501.96	240.57
		For >25 To 50, Deduct	*-61.25*	
		For >50 To 75, Deduct	*-114.11*	
		For >75 To 100, Deduct	*-156.76*	
		For >100 To 200, Deduct	*-189.21*	
		For >200, Deduct	*-211.44*	
		For 20 Year Warranty, Add	*71.45*	
07 32 13 00-0013	SQ	Spanish Tile Roofing, Glazed White, 171 Piece Per SQ	1,783.90	240.57
		For >25 To 50, Deduct	*-78.16*	
		For >50 To 75, Deduct	*-142.30*	
		For >75 To 100, Deduct	*-193.41*	
		For >100 To 200, Deduct	*-231.50*	
		For >200, Deduct	*-256.55*	
		For 20 Year Warranty, Add	*91.19*	
07 32 13 00-0014	SQ	Two Piece Mission Tile Roofing, 192 Piece Per SQ	2,171.22	377.10
		For >25 To 50, Deduct	*-85.02*	
		For >50 To 75, Deduct	*-160.56*	
		For >75 To 100, Deduct	*-221.92*	
		For >100 To 200, Deduct	*-269.12*	
		For >200, Deduct	*-302.14*	
		For 20 Year Warranty, Add	*99.19*	
07 32 13 00-0015	SQ	One Piece Mission Tile Roofing, 75 Piece Per SQ	982.53	262.78
		For >25 To 50, Deduct	*-27.41*	
		For >50 To 75, Deduct	*-58.83*	
		For >75 To 100, Deduct	*-85.68*	
		For >100 To 200, Deduct	*-107.96*	
		For >200, Deduct	*-125.67*	
		For 20 Year Warranty, Add	*31.98*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 32 13 00-0016	SQ	One Piece Mission Tile Roofing, 134 Piece Per SQ	1,313.97	377.10
		For >25 To 50, Deduct	*-33.59*	
		For >50 To 75, Deduct	*-74.83*	
		For >75 To 100, Deduct	*-110.48*	
		For >100 To 200, Deduct	*-140.53*	
		For >200, Deduct	*-164.98*	
		For 20 Year Warranty, Add	*39.18*	

07 32 16 Concrete Roof Tiles *(07 32)*

07 32 16 00-0001 Corrugated Tiles And Shakes Nailed To Wood *(07 32 16)*

Note: Includes 30 lb felt underlayment.

07 32 16 00-0002	SQ	13" x 16-1/2" Concrete Roof Tile, 90/SQ, 950 LB/SQ, Earthtone Colors, Corrugated	1,108.94	398.34
		For >50 To 75, Deduct	*-12.49*	
		For >75 To 100, Deduct	*-41.77*	
		For >100 To 200, Deduct	*-74.18*	
		For >200, Deduct	*-103.46*	
		For Steep Roof, Over 7 To 12, Add	*254.97*	
07 32 16 00-0003	SQ	13" x 16-1/2" Concrete Roof Tile, 90/SQ, 950 LB/SQ, Custom Blues, Corrugated	1,422.24	398.34
		For >50 To 75, Deduct	*-25.02*	
		For >75 To 100, Deduct	*-63.70*	
		For >100 To 200, Deduct	*-108.64*	
		For >200, Deduct	*-147.32*	
		For Steep Roof, Over 7 To 12, Add	*254.97*	
07 32 16 00-0004	SQ	13" x 16-1/2" Concrete Roof Tile, 90/SQ, 950 LB/SQ, Custom Greens Corrugated	1,171.60	398.34
		For >50 To 75, Deduct	*-14.99*	
		For >75 To 100, Deduct	*-46.16*	
		For >100 To 200, Deduct	*-81.07*	
		For >200, Deduct	*-112.23*	
		For Steep Roof, Over 7 To 12, Add	*254.97*	
07 32 16 00-0005	SQ	13" x 16-1/2" Concrete Roof Tile, 90/SQ, 950 LB/SQ, Colors, Shakes	1,103.40	356.40
		For >50 To 75, Deduct	*-15.62*	
		For >75 To 100, Deduct	*-45.16*	
		For >100 To 200, Deduct	*-78.60*	
		For >200, Deduct	*-108.14*	
		For Steep Roof, Over 7 To 12, Add	*228.13*	

07 32 16 00-0006 Accessories *(07 32 16)*

07 32 16 00-0007	EA	Ridge And Hip, 10" X 16-1/2", 8 LB Each For Concrete Tile Roof	5.29
07 32 16 00-0008	EA	Rake, 6-1/2" X 16-3/4", 9 LB Each For Concrete Tile Roof	3.48
07 32 16 00-0009	EA	Mansard Hip, 10" X 16-1/2", 9.2 LB Each For Concrete Tile Roof	5.26
07 32 16 00-0010	EA	Hip Starter, 10" X 16-1/2", 10.5 LB Each For Concrete Tile Roof	6.02
07 32 16 00-0011	EA	3 Or 4 Way Apex, 10" Each Side, 11.5 LB Each For Concrete Tile Roof	6.27

07 34 Roofing Underlayment *(07 30)*

07 34 00 00-0001 Mechanically Fastened, Roofing Underlayment *(07 34)*

Note: Standard slope.

07 34 00 00-0002	SQ	15 LB, Asphalt Saturated Organic Felt Roofing Underlayment, Mechanically Fastened	38.06	7.79
		For Steep Roof, Over 7 To 12, Add	*4.99*	
		For >50 To 75, Deduct	*-0.90*	
		For >75 To 100, Deduct	*-1.96*	
		For >100 To 200, Deduct	*-3.25*	
		For >200, Deduct	*-4.70*	
07 34 00 00-0003	SQ	30 LB, Asphalt Saturated Organic Felt Roofing Underlayment, Mechanically Fastened	58.99	10.72
		For Steep Roof, Over 7 To 12, Add	*6.86*	
		For >50 To 75, Deduct	*-1.50*	
		For >75 To 100, Deduct	*-3.16*	
		For >100 To 200, Deduct	*-5.20*	
		For >200, Deduct	*-7.40*	
07 34 00 00-0004	SQ	30 LB, Asphalt Saturated Organic Felt Shake Underlayment, Mechanically Fastened	66.06	10.72
		For Steep Roof, Over 7 To 12, Add	*6.86*	
		For >50 To 75, Deduct	*-1.78*	
		For >75 To 100, Deduct	*-3.66*	
		For >100 To 200, Deduct	*-5.98*	
		For >200, Deduct	*-8.39*	
07 34 00 00-0005	SQ	Fire Rated, Polypropylene Roofing Underlayment, Mechanically Fastened (Rex™ Synfelt)	72.59	16.24
		For Steep Roof, Over 7 To 12, Add	*10.40*	
		For >50 To 75, Deduct	*-1.60*	
		For >75 To 100, Deduct	*-3.62*	
		For >100 To 200, Deduct	*-6.04*	
		For >200, Deduct	*-8.86*	
07 34 00 00-0006	SQ	17 Mil, Fire Rated, High Temperature, Coated Woven Synthetic Roofing Underlayment, Mechanically Fastened (TITANIUM™ UDL 25)	80.96	16.24
		For Steep Roof, Over 7 To 12, Add	*10.40*	
		For >50 To 75, Deduct	*-1.94*	
		For >75 To 100, Deduct	*-4.21*	
		For >100 To 200, Deduct	*-6.96*	
		For >200, Deduct	*-10.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 34 00 00-0007	SQ	25 Mil, Fire Rated, High Temperature, Coated Woven Synthetic Roofing Underlayment, Mechanically Fastened (TITANIUM™ UDL 30)	94.76	16.24
		For Steep Roof, Over 7 To 12, Add	*10.40*	
		For >50 To 75, Deduct	*-2.49*	
		For >75 To 100, Deduct	*-5.17*	
		For >100 To 200, Deduct	*-8.47*	
		For >200, Deduct	*-11.97*	
07 34 00 00-0008	SQ	30 Mil, Fire Rated, High Temperature, Coated Woven Synthetic Roofing Underlayment, Mechanically Fastened (TITANIUM™ UDL 50)	87.86	16.24
		For Steep Roof, Over 7 To 12, Add	*10.40*	
		For >50 To 75, Deduct	*-2.21*	
		For >75 To 100, Deduct	*-4.69*	
		For >100 To 200, Deduct	*-7.72*	
		For >200, Deduct	*-11.00*	

07 34 00 00-0009 Self-Adhering, Roofing Underlayment *(07 34)*

Note: Standard slope.

07 34 00 00-0010	SQ	48 Mil, Fire Rated, Polymeric Asphalt Surfaced, Fiberglass Mat Reinforced, Styrene-Butadiene-Styrene (SBS) Modified Roofing Underlayment, Self-Adhering (Owens Corning® WeatherLock® Mat)	153.92	19.70
		For Steep Roof, Over 7 To 12, Add	*12.60*	
		For >50 To 75, Deduct	*-4.58*	
		For >75 To 100, Deduct	*-9.00*	
		For >100 To 200, Deduct	*-14.57*	
		For >200, Deduct	*-19.97*	
07 34 00 00-0011	SQ	60 Mil, Fire Rated, Granule Surfaced, Rubberized Asphalt Adhesive, Roofing Underlayment, Self-Adhering (Grace Basik®)	233.91	19.70
		For Steep Roof, Over 7 To 12, Add	*12.60*	
		For >50 To 75, Deduct	*-7.78*	
		For >75 To 100, Deduct	*-14.60*	
		For >100 To 200, Deduct	*-23.37*	
		For >200, Deduct	*-31.17*	
07 34 00 00-0012	SQ	53 Mil, Fire Rated, Granule Surfaced, Fiberglass Mat Reinforced, Styrene-Butadiene-Styrene (SBS) Modified Roofing Underlayment, Self-Adhering (Owens Corning® WeatherLock® G)	163.81	19.70
		For Steep Roof, Over 7 To 12, Add	*12.60*	
		For >50 To 75, Deduct	*-4.98*	
		For >75 To 100, Deduct	*-9.69*	
		For >100 To 200, Deduct	*-15.66*	
		For >200, Deduct	*-21.36*	
07 34 00 00-0013	SQ	65 Mil, Fire Rated, Polyester Non-Woven Fabric Surfaced, Fiberglass Mat Reinforced, Styrene-Butadiene-Styrene (SBS) Modified Roofing Underlayment, Self Adhering (Owens Corning® WeatherLock® Specialty Tile And Metal)	153.92	19.70
		For Steep Roof, Over 7 To 12, Add	*12.60*	
		For >50 To 75, Deduct	*-4.58*	
		For >75 To 100, Deduct	*-9.00*	
		For >100 To 200, Deduct	*-14.57*	
		For >200, Deduct	*-19.97*	
07 34 00 00-0014	SQ	45 Mil, Fire Rated, High Temperature, Synthetic Polymer Surfaced, Modified Rubberized Asphalt, Roofing Underlayment, Self-Adhering (TITANIUM™ PSU-30)	222.37	19.70
		For Steep Roof, Over 7 To 12, Add	*12.60*	
		For >50 To 75, Deduct	*-7.32*	
		For >75 To 100, Deduct	*-13.79*	
		For >100 To 200, Deduct	*-22.10*	
		For >200, Deduct	*-29.56*	
07 34 00 00-0015	SQ	25 Mil, Fire Rated, Embossed Surface, Rubberized Asphalt Adhesive, High Density Cross Laminated Polyethylene Reinforcement, Roofing Underlayment, Self-Adhering (Grace Select)	186.23	19.70
		For Steep Roof, Over 7 To 12, Add	*12.60*	
		For >50 To 75, Deduct	*-5.87*	
		For >75 To 100, Deduct	*-11.26*	
		For >100 To 200, Deduct	*-18.12*	
		For >200, Deduct	*-24.50*	
07 34 00 00-0016	SQ	40 Mil, Fire Rated, Embossed Surface, Rubberized Asphalt Adhesive, High Density Cross Laminated Polyethylene Reinforcement, Roofing Underlayment, Self-Adhering (Grace Ice And Water Shield®)	279.37	19.70
		For Steep Roof, Over 7 To 12, Add	*12.60*	
		For >50 To 75, Deduct	*-9.60*	
		For >75 To 100, Deduct	*-17.78*	
		For >100 To 200, Deduct	*-28.37*	
		For >200, Deduct	*-37.54*	
07 34 00 00-0017	SQ	40 Mil, Fire Rated, High Temperature, Embossed Surface, Rubberized Asphalt Adhesive, High Density Cross Laminated Polyethylene Reinforcement, Roofing Underlayment, Self-Adhering (Grace Ice And Water Shield® HT)	320.17	19.70
		For Steep Roof, Over 7 To 12, Add	*12.60*	
		For >50 To 75, Deduct	*-11.23*	
		For >75 To 100, Deduct	*-20.64*	
		For >100 To 200, Deduct	*-32.86*	
		For >200, Deduct	*-43.25*	
07 34 00 00-0018	SQ	30 Mil, Fire Rated, High Temperature, Fire Rated, Embossed Surface, Butyl Rubber Based Adhesive, High Density Cross Laminated Polyethylene Reinforcement, Roofing Underlayment, Self-Adhering (Grace Ultra)	473.25	19.70
		For Steep Roof, Over 7 To 12, Add	*12.60*	
		For >50 To 75, Deduct	*-17.35*	
		For >75 To 100, Deduct	*-31.35*	
		For >100 To 200, Deduct	*-49.69*	
		For >200, Deduct	*-64.68*	

07 40 Roofing and Siding Panels *(07)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

07 41 Roof Panels *(07 40)*

Note: Includes standard fasteners, grommets, cleats for installation.

07 41 13 Metal Roof Panels *(07 41)*

07 41 13 00-0001 Exposed Fastener Metal Roofing *(07 41 13)*

Note: Includes 15 year warranty and all warranties are no dollar limit to include material and labor.

07 41 13 00-0002 Galvanized Exposed Fastener Metal Roofing *(07 41 13 00-0001)*

07 41 13 00-0003 Galvanized Steel Exposed Fastener Metal Roof Panels *(07 41 13 00-0002)*

07 41 13 00-0004	SF	18 Gauge, Corrugated Or Ribbed, Galvanized Exposed Fastener Metal Roof Panels	8.38	2.71
		For Fluoropolymer (Kynar®) Coating, Add	*1.98*	
		For Steep Roof, Over 7 To 12, Add	*1.39*	
07 41 13 00-0005	SF	20 Gauge, Corrugated Or Ribbed, Galvanized Exposed Fastener Metal Roof Panels	7.67	2.71
		For Fluoropolymer (Kynar®) Coating, Add	*1.98*	
		For Steep Roof, Over 7 To 12, Add	*1.39*	
07 41 13 00-0006	SF	22 Gauge, Corrugated Or Ribbed, Galvanized Exposed Fastener Metal Roof Panels	7.17	2.71
		For Fluoropolymer (Kynar®) Coating, Add	*1.98*	
		For Steep Roof, Over 7 To 12, Add	*1.39*	
07 41 13 00-0007	SF	24 Gauge, Corrugated Or Ribbed, Galvanized Exposed Fastener Metal Roof Panels	6.68	2.71
		For Fluoropolymer (Kynar®) Coating, Add	*1.98*	
		For Steep Roof, Over 7 To 12, Add	*1.39*	
07 41 13 00-0008	SF	26 Gauge, Corrugated Or Ribbed, Galvanized Exposed Fastener Metal Roof Panels	6.27	2.71
		For Fluoropolymer (Kynar®) Coating, Add	*1.98*	
		For Steep Roof, Over 7 To 12, Add	*1.39*	
07 41 13 00-0009	SF	28 Gauge, Corrugated Or Ribbed, Galvanized Exposed Fastener Metal Roof Panels	5.92	2.71
		For Fluoropolymer (Kynar®) Coating, Add	*1.98*	
		For Steep Roof, Over 7 To 12, Add	*1.39*	
07 41 13 00-0010	SF	30 Gauge, Corrugated Or Ribbed, Galvanized Exposed Fastener Metal Roof Panels	5.78	2.71
		For Fluoropolymer (Kynar®) Coating, Add	*1.98*	
		For Steep Roof, Over 7 To 12, Add	*1.39*	

07 41 13 00-0011 Galvanized Exposed Fastener Metal Roof Accessories *(07 41 13 00-0002)*

See CSI section 07 41 13 00-0038 for accessories.

07 41 13 00-0012	LF	Ridge Flashing For Galvanized Steel Exposed Fastener Roofing	27.38	2.82
		For Steep Roof, Over 7 To 12, Add	*3.65*	
		For Fluoropolymer (Kynar®) Coating, Add	*1.60*	
07 41 13 00-0013	LF	9" To 12" Girth, Eave Or Gable Flashing For Galvanized Steel Exposed Fastener Roofing	17.07	1.85
		For Steep Roof, Over 7 To 12, Add	*2.43*	
		For Fluoropolymer (Kynar®) Coating, Add	*0.95*	
07 41 13 00-0014	LF	Valley Flashing For Galvanized Steel Exposed Fastener Roofing	33.66	2.82
		For Steep Roof, Over 7 To 12, Add	*3.65*	
		For Fluoropolymer (Kynar®) Coating, Add	*2.23*	
07 41 13 00-0015	LF	Hip Flashing For Galvanized Steel Exposed Fastener Roofing	27.95	2.82
		For Steep Roof, Over 7 To 12, Add	*3.65*	
		For Fluoropolymer (Kynar®) Coating, Add	*1.66*	

07 41 13 00-0016 Aluminum Exposed Fastener Metal Roofing *(07 41 13 00-0001)*

07 41 13 00-0017 Aluminum Exposed Fastener Metal Roof Panels *(07 41 13 00-0016)*

07 41 13 00-0018	SF	0.0155", Corrugated Or Ribbed, Aluminum Exposed Fastener Metal Roof Panels	5.92	2.71
		For Fluoropolymer (Kynar®) Coating, Add	*1.98*	
		For Steep Roof, Over 7 To 12, Add	*1.39*	
07 41 13 00-0019	SF	0.018", Corrugated Or Ribbed, Aluminum Exposed Fastener Metal Roof Panels	6.18	2.71
		For Fluoropolymer (Kynar®) Coating, Add	*1.98*	
		For Steep Roof, Over 7 To 12, Add	*1.39*	
07 41 13 00-0020	SF	0.024", Corrugated Or Ribbed, Aluminum Exposed Fastener Metal Roof Panels	6.79	2.71
		For Fluoropolymer (Kynar®) Coating, Add	*1.98*	
		For Steep Roof, Over 7 To 12, Add	*1.39*	
07 41 13 00-0021	SF	0.032", Corrugated Or Ribbed, Aluminum Exposed Fastener Metal Roof Panels	7.60	2.71
		For Fluoropolymer (Kynar®) Coating, Add	*1.98*	
		For Steep Roof, Over 7 To 12, Add	*1.39*	
07 41 13 00-0022	SF	0.040", Corrugated Or Ribbed, Aluminum Exposed Fastener Metal Roof Panels	8.41	2.71
		For Fluoropolymer (Kynar®) Coating, Add	*1.98*	
		For Steep Roof, Over 7 To 12, Add	*1.39*	
07 41 13 00-0023	SF	0.050", Corrugated Or Ribbed, Aluminum Exposed Fastener Metal Roof Panels	9.42	2.71
		For Fluoropolymer (Kynar®) Coating, Add	*1.98*	
		For Steep Roof, Over 7 To 12, Add	*1.39*	

07 41 13 00-0024 Aluminum Exposed Fastener Metal Roof Accessories *(07 41 13 00-0016)*

07 41 13 00-0025	LF	Ridge Flashing For Aluminum Exposed Fastener Metal Roofing	31.23	2.82
		For Steep Roof, Over 7 To 12, Add	*3.65*	
		For Fluoropolymer (Kynar®) Coating, Add	*1.98*	
07 41 13 00-0026	LF	9" To 12" Girth, Eave Or Gable Flashing For Aluminum Exposed Fastener Metal Roofing	19.29	1.96
		For Steep Roof, Over 7 To 12, Add	*2.43*	
		For Fluoropolymer (Kynar®) Coating, Add	*1.17*	
07 41 13 00-0027	LF	Valley Flashing For Aluminum Exposed Fastener Metal Roofing	39.07	2.82
		For Steep Roof, Over 7 To 12, Add	*3.65*	
		For Fluoropolymer (Kynar®) Coating, Add	*2.77*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 41 13 00-0028	LF	Hip Flashing For Aluminum Exposed Fastener Metal Roofing	31.94	2.82
		For Steep Roof, Over 7 To 12, Add	*3.65*	
		For Fluoropolymer (Kynar®) Coating, Add	*2.05*	

07 41 13 00-0029 Standing Seam Roofs *(07 41 13)*

Note: Includes all profiles of vertical leg and batten style standing seam roofing. Includes all clips, neoprene closures, metal closures, battens, tape sealer, tube sealant, fasteners, vent material, panel starters and cleats. Based on Garland R-Mer Clad or R-Mer Seam architectural roofing, R-Mer Loc architectural/structural roofing, and R-Mer Span structural roofing. Architectural roofing requires a solid substrate and underlayment, requires a minimum 3:12 pitch, and includes a 20 year no dollar limit warranty. Architectural/structural roofing does not require a solid substrate or underlayment, requires a minimum 3:12 pitch, and includes a 25 year no dollar limit warranty. Structural roofing does not require a solid substrate or underlayment, requires a minimum 1/4" per foot slope, and includes a 25 year no dollar limit warranty.

07 41 13 00-0030 Galvanized Steel Standing Seam Concealed Fastener Roofing *(07 41 13 00-0029)*

Note: All steel is galvanized G90 rated or galvalume®. Factory paint finish is Kynar 500®, Hylar 5000® or equal polyvinylidene fluoride (PVDF) finish.

07 41 13 00-0031 Galvanized Steel Standing Seam Concealed Fastener Roofing *(07 41 13 00-0030)*

07 41 13 00-0032	SF	Architectural 24 Gauge Galvanized Steel Standing Seam Concealed Fastener Roofing	13.04	2.87
		For Steep Roof, Over 6 To 12, Add	*1.73*	
		For 140 MPH Wind Load, Add	*0.72*	
		For Panels <16" Wide, Add	*1.72*	
		For Up To 1,500, Add	*3.26*	
		For >1,500 To 5,000, Add	*1.96*	
		For >5,000 To 10,000, Add	*0.33*	
07 41 13 00-0033	SF	Architectural 22 Gauge Galvanized Steel Standing Seam Concealed Fastener Roofing	13.73	2.87
		For Steep Roof, Over 6 To 12, Add	*1.73*	
		For 140 MPH Wind Load, Add	*0.74*	
		For Panels <16" Wide, Add	*1.75*	
		For Up To 1,500, Add	*3.43*	
		For >1,500 To 5,000, Add	*2.06*	
		For >5,000 To 10,000, Add	*0.34*	
07 41 13 00-0034	SF	Architectural/Structural 24 Gauge Galvanized Steel Standing Seam Concealed Fastener Roofing	12.44	2.87
		For Steep Roof, Over 6 To 12, Add	*1.73*	
		For 140 MPH Wind Load, Add	*0.71*	
		For Panels <16" Wide, Add	*1.69*	
		For Up To 1,500, Add	*3.11*	
		For >1,500 To 5,000, Add	*1.87*	
		For >5,000 To 10,000, Add	*0.31*	
07 41 13 00-0035	SF	Architectural/Structural 22 Gauge Galvanized Steel Standing Seam Concealed Fastener Roofing	12.68	2.87
		For Steep Roof, Over 6 To 12, Add	*1.73*	
		For 140 MPH Wind Load, Add	*0.71*	
		For Panels <16" Wide, Add	*1.70*	
		For Up To 1,500, Add	*3.17*	
		For >1,500 To 5,000, Add	*1.90*	
		For >5,000 To 10,000, Add	*0.32*	
07 41 13 00-0036	SF	Structural 24 Gauge Galvanized Steel Standing Seam Concealed Fastener Roofing	12.95	2.87
		For Steep Roof, Over 6 To 12, Add	*1.73*	
		For 140 MPH Wind Load, Add	*0.72*	
		For Panels <16" Wide, Add	*1.71*	
		For Up To 1,500, Add	*3.24*	
		For >1,500 To 5,000, Add	*1.94*	
		For >5,000 To 10,000, Add	*0.32*	
07 41 13 00-0037	SF	Structural 22 Gauge Galvanized Steel Standing Seam Concealed Fastener Roofing	13.94	2.87
		For Steep Roof, Over 6 To 12, Add	*1.73*	
		For 140 MPH Wind Load, Add	*0.74*	
		For Panels <16" Wide, Add	*1.76*	
		For Up To 1,500, Add	*3.49*	
		For >1,500 To 5,000, Add	*2.09*	
		For >5,000 To 10,000, Add	*0.35*	

07 41 13 00-0038 Accessories For Galvanized Steel Standing Seam Roofing *(07 41 13 00-0030)*

07 41 13 00-0039	LF	Ridge Flashing For Galvanized Steel Standing Seam Concealed Fastener Roofing	28.98	2.82
		For Steep Roof, Over 6 To 12, Add	*3.42*	
		For 140 MPH Wind Load, Add	*1.49*	
07 41 13 00-0040	LF	9" To 12" Girth, Eave Or Gable Flashing For Galvanized Steel Standing Seam Concealed Fastener Roofing	18.02	1.96
		For Steep Roof, Over 6 To 12, Add	*2.28*	
		For 140 MPH Wind Load, Add	*0.97*	
07 41 13 00-0041	LF	Valley Flashing For Galvanized Steel Standing Seam Concealed Fastener Roofing	35.88	2.82
		For Steep Roof, Over 6 To 12, Add	*3.42*	
		For 140 MPH Wind Load, Add	*1.63*	
07 41 13 00-0042	LF	Hip Flashing For Galvanized Steel Standing Seam Concealed Fastener Roofing	29.60	2.82
		For Steep Roof, Over 6 To 12, Add	*3.42*	
		For 140 MPH Wind Load, Add	*1.50*	

07 41 13 00-0043 Aluminum Standing Seam Concealed Fastener Roofing *(07 41 13 00-0029)*

Note: Factory paint finish is Kynar 500®, Hylar 5000® or equal polyvinylidene fluoride (PVDF) finish.

07 41 13 00-0044 Aluminum Standing Seam Concealed Fastener Roofing *(07 41 13 00-0043)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 41 13 00-0045	SF	Architectural 0.032" Aluminum Standing Seam Concealed Fastener Roofing	13.52	2.87
		For Steep Roof, Over 6 To 12, Add	*1.73*	
		For 140 MPH Wind Load, Add	*0.73*	
		For Panels <16" Wide, Add	*1.74*	
		For Up To 1,500, Add	*3.38*	
		For >1,500 To 5,000, Add	*2.03*	
		For >5,000 To 10,000, Add	*0.34*	
07 41 13 00-0046	SF	Architectural 0.040" Aluminum Standing Seam Concealed Fastener Roofing	14.10	2.87
		For Steep Roof, Over 6 To 12, Add	*1.73*	
		For 140 MPH Wind Load, Add	*0.74*	
		For Panels <16" Wide, Add	*1.77*	
		For Up To 1,500, Add	*3.53*	
		For >1,500 To 5,000, Add	*2.12*	
		For >5,000 To 10,000, Add	*0.35*	
07 41 13 00-0047	SF	Architectural/Structural Or Structural 0.032" Aluminum Standing Seam Concealed Fastener Roofing	13.19	2.87
		For Steep Roof, Over 6 To 12, Add	*1.73*	
		For 140 MPH Wind Load, Add	*0.72*	
		For Panels <16" Wide, Add	*1.73*	
		For Up To 1,500, Add	*3.30*	
		For >1,500 To 5,000, Add	*1.98*	
		For >5,000 To 10,000, Add	*0.33*	
07 41 13 00-0048	SF	Architectural/Structural Or Structural 0.040" Aluminum Standing Seam Concealed Fastener Roofing	14.26	2.87
		For Steep Roof, Over 6 To 12, Add	*1.73*	
		For 140 MPH Wind Load, Add	*0.75*	
		For Panels <16" Wide, Add	*1.78*	
		For Up To 1,500, Add	*3.57*	
		For >1,500 To 5,000, Add	*2.14*	
		For >5,000 To 10,000, Add	*0.36*	
07 41 13 00-0049		**Accessories For Aluminum Standing Seam Roofing** *(07 41 13 00-0043)*		
07 41 13 00-0050	LF	Ridge Flashing For Aluminum Standing Seam Concealed Fastener Roofing	33.21	2.82
		For Steep Roof, Over 6 To 12, Add	*3.42*	
		For 140 MPH Wind Load, Add	*1.58*	
07 41 13 00-0051	LF	9" To 12" Girth, Eave Or Gable Flashing For Aluminum Standing Seam Concealed Fastener Roofing	20.46	1.96
		For Steep Roof, Over 6 To 12, Add	*2.28*	
		For 140 MPH Wind Load, Add	*1.02*	
07 41 13 00-0052	LF	Valley Flashing For Aluminum Standing Seam Concealed Fastener Roofing	41.84	2.82
		For Steep Roof, Over 6 To 12, Add	*3.42*	
		For 140 MPH Wind Load, Add	*1.75*	
07 41 13 00-0053	LF	Hip Flashing For Aluminum Standing Seam Concealed Fastener Roofing	34.00	2.82
		For Steep Roof, Over 6 To 12, Add	*3.42*	
		For 140 MPH Wind Load, Add	*1.59*	
07 41 13 00-0054		**Stainless Steel Standing Seam Concealed Fastener Roofing** *(07 41 13 00-0029)*		
07 41 13 00-0055		**Stainless Steel Standing Seam Concealed Fastener Roofing** *(07 41 13 00-0054)*		
07 41 13 00-0056	SF	Architectural 24 Gauge T304 Stainless Steel Standing Seam Concealed Fastener Roofing	25.38	3.45
		For Steep Roof, Over 6 To 12, Add	*2.59*	
		For 140 MPH Wind Load, Add	*1.20*	
		For Panels <16" Wide, Add	*2.87*	
		For Up To 1,500, Add	*6.35*	
		For >1,500 To 5,000, Add	*3.81*	
		For >5,000 To 10,000, Add	*0.63*	
07 41 13 00-0057	SF	Architectural 22 Gauge T304 Stainless Steel Standing Seam Concealed Fastener Roofing	28.95	3.45
		For Steep Roof, Over 6 To 12, Add	*2.59*	
		For 140 MPH Wind Load, Add	*1.27*	
		For Panels <16" Wide, Add	*3.04*	
		For Up To 1,500, Add	*7.24*	
		For >1,500 To 5,000, Add	*4.34*	
		For >5,000 To 10,000, Add	*0.72*	
07 41 13 00-0058	SF	Architectural 24 Gauge T316 Stainless Steel Standing Seam Concealed Fastener Roofing	33.17	3.45
		For Steep Roof, Over 6 To 12, Add	*2.59*	
		For 140 MPH Wind Load, Add	*1.35*	
		For Panels <16" Wide, Add	*3.26*	
		For Up To 1,500, Add	*8.29*	
		For >1,500 To 5,000, Add	*4.98*	
		For >5,000 To 10,000, Add	*0.83*	
07 41 13 00-0059	SF	Architectural 22 Gauge T316 Stainless Steel Standing Seam Concealed Fastener Roofing	38.59	3.45
		For Steep Roof, Over 6 To 12, Add	*2.59*	
		For 140 MPH Wind Load, Add	*1.46*	
		For Panels <16" Wide, Add	*3.53*	
		For Up To 1,500, Add	*9.65*	
		For >1,500 To 5,000, Add	*5.79*	
		For >5,000 To 10,000, Add	*0.96*	
07 41 13 00-0060		**Accessories For Stainless Steel Standing Seam Concealed Fastener Roofing** *(07 41 13 00-0054)*		
07 41 13 00-0061	LF	Ridge Flashing For Stainless Steel Standing Seam Concealed Fastener Roofing	78.02	3.15
		For Steep Roof, Over 6 To 12, Add	*3.78*	
		For 140 MPH Wind Load, Add	*2.57*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 41 13 00-0062	LF	9" To 12" Girth, Eave Or Gable Flashing For Stainless Steel Standing Seam Concealed Fastener Roofing	42.10	2.07
		For Steep Roof, Over 6 To 12, Add	*2.51*	
		For 140 MPH Wind Load, Add	*1.51*	
07 41 13 00-0063	LF	Valley Flashing For Stainless Steel Standing Seam Concealed Fastener Roofing	107.87	3.15
		For Steep Roof, Over 6 To 12, Add	*3.75*	
		For 140 MPH Wind Load, Add	*3.16*	
07 41 13 00-0064	LF	Hip Flashing For Stainless Steel Standing Seam Concealed Fastener Roofing	80.39	3.15
		For Steep Roof, Over 6 To 12, Add	*3.78*	
		For 140 MPH Wind Load, Add	*2.62*	
07 41 13 00-0065		Metal Roof Surfacing *(07 41 13)*		
07 41 13 00-0066	SF	Acrylic, Metal Roof Primer, One Coat	0.85	
		For Steep Roof, Over 7 To 12, Add	*0.19*	
07 41 13 00-0067	SF	Acrylic Elastomeric, Surface Or Base Coating For Metal Roofing, One Coat Note: 55% solids by volume.	1.10	
		For Steep Roof, Over 7 To 12, Add	*0.19*	
07 41 33		**Plastic Roof Panels** *(07 41)*		
07 41 33 00-0001		Polyvinyl Chloride (PVC) Roofing Panels *(07 41 33)*		
07 41 33 00-0002		Polyvinyl Chloride (PVC) Roofing Panels *(07 41 33 00-0001)*		
07 41 33 00-0003	SF	Solid Polyvinyl Chloride (PVC) Roofing Panels, 8" Wide	7.83	2.18
07 41 33 00-0004	SF	Solid Polyvinyl Chloride (PVC) Roofing Panels, 10" Wide	7.64	1.96
07 41 33 00-0005	SF	Solid Polyvinyl Chloride (PVC) Roofing Panels, Double 8" Wide	8.22	2.18
07 41 33 00-0006	SF	Solid Polyvinyl Chloride (PVC) Roofing Panels, Double 10" Wide	7.97	1.96
07 41 33 00-0007		Polyvinyl Chloride (PVC) Roofing Accessories *(07 41 33 00-0001)*		
07 41 33 00-0008	LF	1" "J" Channel, Starter Strip Trim	4.47	1.64
07 41 33 00-0009	LF	3-1/2" "J" Channel, Starter Strip Trim	7.43	1.64
07 41 33 00-0010	LF	Outside Corner Post, 7/8" Pocket	8.29	1.64
07 41 33 00-0011	LF	Inside Corner Post, 7/8" Pocket	5.99	1.64
07 41 33 00-0012		Fiberglass Roofing Panel *(07 41 33)*		
07 41 33 00-0013		Corrugated Panels *(07 41 33 00-0012)*		
07 41 33 00-0014	SF	8 Ounce Corrugated Fiberglass Panel	7.09	1.75
07 41 33 00-0015	SF	12 Ounce Corrugated Fiberglass Panel	8.25	1.75
07 42		**Wall Panels** *(07 40)*		
07 42 13		**Metal Wall Panels** *(07 42)*		
07 42 13 19		**Insulated Metal Wall Panels** *(07 42 13)*		
07 42 13 19-0001		Insulated Ceramicsteel Panels *(07 42 13 19)*		
07 42 13 19-0002	SF	1" Glazing Panels For Air Conditioning Cut-Outs	32.29	6.33
07 42 13 19-0003		Insulated Panels For Sash/Window Replacement *(07 42 13 19)* Note: Porcelain or polymer finish on aluminum panel with polystyrene core.		
07 42 13 19-0004	SF	1" Insulated Panel For Sash Or Window Replacement	32.29	4.76
		For Non-Insulated Panels, Deduct	*-5.68*	
07 42 13 19-0005	SF	1-1/4" Insulated Panel For Sash Or Window Replacement	34.88	5.35
		For Non-Insulated Panels, Deduct	*-6.07*	
07 42 13 19-0006	SF	1-3/4" Insulated Panel For Sash Or Window Replacement	37.27	5.95
		For Non-Insulated Panels, Deduct	*-6.46*	
07 42 13 19-0007	SF	2-1/4" Insulated Panel For Sash Or Window Replacement	39.79	6.19
		For Non-Insulated Panels, Deduct	*-6.85*	
07 42 13 19-0008	SF	3-1/4" Insulated Panel For Sash Or Window Replacement	45.35	6.78
		For Non-Insulated Panels, Deduct	*-7.96*	
07 42 13 19-0009	SF	4-1/4" Insulated Panel For Sash Or Window Replacement	53.07	7.50
		For Non-Insulated Panels, Deduct	*-9.55*	
07 42 13 23		**Metal Composite Material Wall Panels** *(07 42 13)*		
07 42 13 23-0001		24 Gauge, Galvanized Steel Insulated Tongue And Groove Metal Siding Panels *(07 42 13 23)* Note: G-90 galvanized steel, 24 gauge exterior face and 24 gauge interior liner. Galvalume® AZ-55 coating designation with texture. Non-CFC polyurethane foam core. Standard color on exterior and interior panels. CF Mesa Profile wall panels as manufactured by Metl-Span Corporation.		
07 42 13 23-0002	SF	2" Polyurethane Foam, 24 Gauge (Each Side), Galvanized Steel Insulated Tongue And Groove Metal Siding Panels	22.52	2.50
		For AZ-50 Aluminum-Zinc Coated Exterior, Add	*0.24*	
		For Premium Exterior Colors, Add	*0.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 42 13 23-0003	SF	2-1/2" Polyurethane Foam, 24 Gauge (Each Side), Galvanized Steel Insulated Tongue And Groove Metal Siding Panels	25.24	2.82
		For AZ-50 Aluminum-Zinc Coated Exterior, Add	*0.24*	
		For Premium Exterior Colors, Add	*0.12*	
07 42 13 23-0004	SF	3" Polyurethane Foam, 24 Gauge (Each Side), Galvanized Steel Insulated Tongue And Groove Metal Siding Panels	27.51	3.21
		For AZ-50 Aluminum-Zinc Coated Exterior, Add	*0.24*	
		For Premium Exterior Colors, Add	*0.12*	
07 42 13 23-0005	SF	4" Polyurethane Foam, 24 Gauge (Each Side), Galvanized Steel Insulated Tongue And Groove Metal Siding Panels	30.56	4.24
		For AZ-50 Aluminum-Zinc Coated Exterior, Add	*0.24*	
		For Premium Exterior Colors, Add	*0.12*	

07 42 63 Fabricated Wall Panel Assemblies *(07 42)*

07 42 63 00-0001 Insulated Freezer And Chiller Panels *(07 42 63)*

Note: Excludes suspension system for ceiling support.

07 42 63 00-0002 Polyurethane Sandwich Panel *(07 42 63 00-0001)*

Note: With 22 gauge galvanized sheet metal face excludes painting.

07 42 63 00-0003	SF	2" 22 Gauge Freezer Panel Sheet Metal Both Faces	29.03	1.80
07 42 63 00-0004	SF	3" 22 Gauge Freezer Panel Sheet Metal Both Faces	30.85	1.80
07 42 63 00-0005	SF	4" 22 Gauge Freezer Panel Sheet Metal Both Faces	37.01	1.80
07 42 63 00-0006	SF	5" 22 Gauge Freezer Panel Sheet Metal Both Faces	40.15	1.92
07 42 63 00-0007	SF	6" 22 Gauge Freezer Panel Sheet Metal Both Faces	42.70	1.92
07 42 63 00-0008	SF	2" 22 Gauge Freezer Panel Sheet Metal One Face (Liner)	26.09	1.48
07 42 63 00-0009	SF	3" 22 Gauge Freezer Panel Sheet Metal One Face (Liner)	28.52	1.48
07 42 63 00-0010	SF	4" 22 Gauge Freezer Panel Sheet Metal One Face (Liner)	34.65	1.59
07 42 63 00-0011	SF	5" 22 Gauge Freezer Panel Sheet Metal One Face (Liner)	33.52	1.59
07 42 63 00-0012	SF	6" 22 Gauge Freezer Panel Sheet Metal One Face (Liner)	39.68	1.59

07 42 63 00-0013 Polyurethane Sandwich Panel *(07 42 63 00-0001)*

Note: With .040 aluminum baked enamel finish.

07 42 63 00-0014	SF	2" Freezer Panel 0.040" Aluminum Finish Both Faces	24.26	1.80
07 42 63 00-0015	SF	3" Freezer Panel 0.040" Aluminum Finish Both Faces	26.14	1.80
07 42 63 00-0016	SF	4" Freezer Panel 0.040" Aluminum Finish Both Faces	30.94	1.80
07 42 63 00-0017	SF	5" Freezer Panel 0.040" Aluminum Finish Both Faces	33.87	1.92
07 42 63 00-0018	SF	6" Freezer Panel 0.040" Aluminum Finish Both Faces	35.87	1.92
07 42 63 00-0019	SF	2" Freezer Panel 0.040" Aluminum Finish One Face (Liner Panel)	21.86	1.48
07 42 63 00-0020	SF	3" Freezer Panel 0.040" Aluminum Finish One Face (Liner Panel)	23.75	1.48
07 42 63 00-0021	SF	4" Freezer Panel 0.040" Aluminum Finish One Face (Liner Panel)	25.69	1.59
07 42 63 00-0022	SF	5" Freezer Panel 0.040" Aluminum Finish One Face (Liner Panel)	30.49	1.59
07 42 63 00-0023	SF	6" Freezer Panel 0.040" Aluminum Finish One Face (Liner Panel)	33.40	1.59

07 42 93 Soffit Panels *(07 42)*

07 42 93 00-0001 Aluminum Soffit And Fascia *(07 42 93)*

Note: Excludes J-channel.

07 42 93 00-0002	LF	6" Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit	4.85	1.66
		For 0.015" Thick, Deduct	*-0.11*	
07 42 93 00-0003	LF	10" Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit	6.03	1.74
		For 0.015" Thick, Deduct	*-0.18*	
07 42 93 00-0004	LF	1' Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit	6.61	1.80
		For 0.015" Thick, Deduct	*-0.22*	
07 42 93 00-0005	LF	1'-6" Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit	8.30	1.89
		For 0.015" Thick, Deduct	*-0.33*	
07 42 93 00-0006	LF	2' Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit	10.19	2.07
		For 0.015" Thick, Deduct	*-0.44*	
07 42 93 00-0007	LF	3' Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit	13.63	2.28
		For 0.015" Thick, Deduct	*-0.66*	
07 42 93 00-0008	LF	4' Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit	17.09	2.52
		For 0.015" Thick, Deduct	*-0.88*	
07 42 93 00-0009	LF	5' Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit	20.62	2.77
		For 0.015" Thick, Deduct	*-1.10*	
07 42 93 00-0010	LF	4" Exposure, 0.024" Thick, Aluminum Fascia	5.73	1.62
07 42 93 00-0011	LF	6" Exposure, 0.024" Thick, Aluminum Fascia	6.27	1.66
07 42 93 00-0012	LF	8" Exposure, 0.024" Thick, Aluminum Fascia	7.38	1.71
07 42 93 00-0013	LF	10" Exposure, 0.024" Thick, Aluminum Fascia	8.58	1.74

07 46 Siding *(07 40)*

07 46 16 Aluminum Siding *(07 46)*

Note: Includes fasteners, all necessary furring strips, trim for corners, windows and doors.

07 46 16 00-0001 Aluminum Coil Stock Cladding *(07 46 16)*

Note: Per SF of board, includes overlappage.

07 46 16 00-0002	SF	0.016" Thick, Aluminum Clad Siding	11.64	3.61
07 46 16 00-0003	SF	0.019" Thick, Aluminum Clad Siding	11.81	3.61
07 46 16 00-0004	SF	0.024" Thick, Aluminum Clad Siding	12.10	3.61

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 46 16 00-0005		**Aluminum Siding Panels** *(07 46 16)*		
07 46 16 00-0006		**Corrugated Aluminum Siding Panels** *(07 46 16 00-0005)*		
		Note: Includes factory applied polyvinylidene fluoride (PVDF) paint finish.		
07 46 16 00-0007	SF	0.019", Painted Finish, Corrugated Aluminum Siding Panel	8.95	2.17
07 46 16 00-0008	SF	0.021", Painted Finish, Corrugated Aluminum Siding Panel	9.36	2.17
07 46 16 00-0009	SF	0.024", Painted Finish, Corrugated Aluminum Siding Panel	10.64	2.17
07 46 16 00-0010	SF	0.032", Painted Finish, Corrugated Aluminum Siding Panel	13.15	2.17
07 46 16 00-0011		**V- Beam Aluminum Siding Panels** *(07 46 16 00-0005)*		
		Note: Includes factory applied polyvinylidene fluoride (PVDF) paint finish.		
07 46 16 00-0012	SF	0.032", Painted Finish, V- Beam Aluminum Siding Panel	13.05	2.17
07 46 16 00-0013	SF	0.040", Painted Finish, V- Beam Aluminum Siding Panel	14.73	2.17
07 46 16 00-0014	SF	0.050", Painted Finish, V- Beam Aluminum Siding Panel	18.72	2.17
07 46 16 00-0015		**Box Ribbed Aluminum Siding Panels** *(07 46 16 00-0005)*		
		Note: Includes factory applied polyvinylidene fluoride (PVDF) paint finish.		
07 46 16 00-0016	SF	0.032", Painted Finish, Box Ribbed Aluminum Siding Panel	13.79	2.17
07 46 16 00-0017	SF	0.040", Painted Finish, Box Ribbed Aluminum Siding Panel	15.42	2.17
07 46 16 00-0018	SF	0.050", Painted Finish, Box Ribbed Aluminum Siding Panel	16.41	2.17
07 46 16 00-0019		**Aluminum Siding Accessories** *(07 46 16)*		
07 46 16 00-0020	LF	3/8" Pocket, Aluminum J-Channel	3.75	1.55
07 46 16 00-0021	LF	1/2" Pocket, Aluminum J-Channel	3.75	1.55
07 46 16 00-0022	LF	3/4" Pocket, Aluminum J-Channel	4.44	1.55
07 46 16 00-0023	LF	3/8" Pocket, Aluminum F-Channel	4.11	1.55
07 46 16 00-0024	LF	1/2" Pocket, Aluminum F-Channel	4.11	1.55
07 46 19		**Steel Siding** *(07 46)*		
		Note: Includes fasteners, all necessary furring strips, trim for corners, windows and doors.		
07 46 19 00-0001		**Steel Siding Panels** *(07 46 19)*		
07 46 19 00-0002		**Corrugated Steel Siding Panels** *(07 46 19 00-0001)*		
		Note: Includes factory applied polyvinylidene fluoride (PVDF) paint finish.		
07 46 19 00-0003	SF	20 Gauge, Painted Finish, Corrugated Steel Siding Panel	13.29	2.17
		For Galvanized Instead Of Painted Steel, Add	*2.24*	
07 46 19 00-0004	SF	22 Gauge, Painted Finish, Corrugated Steel Siding Panel	12.13	2.17
		For Galvanized Instead Of Painted Steel, Add	*1.95*	
07 46 19 00-0005	SF	24 Gauge, Painted Finish, Corrugated Steel Siding Panel	11.85	2.17
		For Galvanized Instead Of Painted Steel, Add	*1.88*	
07 46 19 00-0006	SF	26 Gauge, Painted Finish, Corrugated Steel Siding Panel	8.44	2.17
		For Galvanized Instead Of Painted Steel, Add	*1.02*	
07 46 19 00-0007	SF	28 Gauge, Painted Finish, Corrugated Steel Siding Panel	8.20	2.17
		For Galvanized Instead Of Painted Steel, Add	*0.96*	
07 46 19 00-0008	SF	30 Gauge, Painted Finish, Corrugated Steel Siding Panel	8.04	2.17
		For Galvanized Instead Of Painted Steel, Add	*0.92*	
07 46 19 00-0009		**Box Ribbed Steel Siding Panels** *(07 46 19 00-0001)*		
		Note: Includes factory applied polyvinylidene fluoride (PVDF) paint finish.		
07 46 19 00-0010	SF	20 Gauge, Painted Finish, Box Ribbed Steel Siding Panel	12.42	2.17
		For Galvanized Instead Of Painted Steel, Add	*2.02*	
07 46 19 00-0011	SF	22 Gauge, Painted Finish, Box Ribbed Steel Siding Panel	11.90	2.17
		For Galvanized Instead Of Painted Steel, Add	*1.89*	
07 46 19 00-0012	SF	24 Gauge, Painted Finish, Box Ribbed Steel Siding Panel	11.56	2.17
		For Galvanized Instead Of Painted Steel, Add	*1.80*	
07 46 19 00-0013	SF	26 Gauge, Painted Finish, Box Ribbed Steel Siding Panel	10.98	2.17
		For Galvanized Instead Of Painted Steel, Add	*1.66*	
07 46 19 00-0014	SF	28 Gauge, Painted Finish, Box Ribbed Steel Siding Panel	9.74	2.17
		For Galvanized Instead Of Painted Steel, Add	*1.35*	
07 46 19 00-0015		**Clapboard Steel Siding Panels** *(07 46 19 00-0001)*		
		Note: Includes factory applied polyvinylidene fluoride (PVDF) paint finish.		
07 46 19 00-0016	SF	29 Gauge, Painted Finish, Clapboard Steel Siding Panel	10.05	1.09
07 46 23		**Wood Siding** *(07 46)*		
		Note: Includes fasteners, all necessary furring strips, trim for corners, windows and doors.		
07 46 23 00-0001		**Wood Lap Siding** *(07 46 23)*		
07 46 23 00-0002	LF	8" Wide Rough Sawn Cedar Lap Siding	4.45	1.72
07 46 23 00-0003	LF	10" Wide Rough Sawn Cedar Lap Siding	5.00	1.83
07 46 23 00-0004	LF	12" Wide Rough Sawn Cedar Lap Siding	5.57	1.95
07 46 23 00-0005	LF	6" To 8" Wide Southern Yellow Pine Lap Siding, D Grade	4.75	1.72
07 46 23 00-0006	LF	6" To 8" Wide Spruce Lap Siding, #2 Or Better	5.27	1.72
07 46 23 00-0007	LF	6" To 8" Wide Western Red Cedar, B Grade Lap Siding	6.38	1.72
07 46 23 00-0008	LF	6" To 8" Wide Western Red Cedar, A Grade Lap Siding	6.81	1.72

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 46 23 00-0009	LF	6" To 8" Wide Clear Heart Redwood Lap Siding	6.19	1.72
07 46 23 00-0010	LF	1" x 8" Cedar Round Or Flat Front Siding, Log Cabin	4.41	1.83
07 46 23 00-0011	LF	1" x 8" Cedar Beveled Siding, Channel, Rustic	4.41	1.83

07 46 23 00-0012 Tongue And Groove Siding *(07 46 23)*

07 46 23 00-0013	SF	1" x 6" Tongue And Groove Southern Yellow Pine Siding	4.44	1.72
07 46 23 00-0014	SF	1" x 8" Tongue And Groove Southern Yellow Pine Siding	4.90	1.72
07 46 23 00-0015	SF	1" x 6" 105 Southern Yellow Pine Siding	4.55	1.72
07 46 23 00-0016	SF	1" x 8" 105 Southern Yellow Pine Siding	5.17	1.72

07 46 29 Plywood Siding *(07 46)*

Note: Includes fasteners, all necessary furring strips, trim for corners, windows and doors.

07 46 29 00-0001 T-111 Siding *(07 46 29)*

07 46 29 00-0002	SF	5/8" T-111, Fine Grade Siding, Paint Ready Applied To Blackboard / Stud	3.04	0.84
		For Pressure Treated, Add	*0.18*	

07 46 33 Plastic Siding *(07 46)*

Note: Includes fasteners, all necessary furring strips, trim for corners, windows and doors.

07 46 33 00-0001 Vinyl Siding *(07 46 33)*

Note: Includes standard manufacturer's colors.

07 46 33 00-0002 Vinyl Siding Panels *(07 46 33 00-0001)*

Note: Excludes J-channels, starter strips and trim.

07 46 33 00-0003 Horizontal Vinyl Siding Panels *(07 46 33 00-0002)*

Note: Includes single, double or triple profiles. Includes traditional clapboard or dutch lap styles.

07 46 33 00-0004	SF	7" Exposure, 0.044" Thick, Horizontal Vinyl Siding Panel	5.63	2.04
		For 0.040" Thick, Deduct	*-0.21*	
		For 0.042" Thick, Deduct	*-0.08*	
		For 0.046" Thick, Add	*0.62*	
		For Manufacturer's Custom Colors, Add	*0.08*	
07 46 33 00-0005	SF	8" Exposure, 0.044" Thick, Horizontal Vinyl Siding Panel	5.39	1.92
		For 0.040" Thick, Deduct	*-0.21*	
		For 0.042" Thick, Deduct	*-0.08*	
		For 0.046" Thick, Add	*0.62*	
		For Manufacturer's Custom Colors, Add	*0.08*	
07 46 33 00-0006	SF	9" Exposure, 0.044" Thick, Horizontal Vinyl Siding Panel	5.21	1.83
		For 0.040" Thick, Deduct	*-0.21*	
		For 0.042" Thick, Deduct	*-0.08*	
		For 0.046" Thick, Add	*0.62*	
		For Manufacturer's Custom Colors, Add	*0.08*	
07 46 33 00-0007	SF	10" Exposure, 0.044" Thick, Horizontal Vinyl Siding Panel	5.03	1.73
		For 0.040" Thick, Deduct	*-0.21*	
		For 0.042" Thick, Deduct	*-0.08*	
		For 0.046" Thick, Add	*0.62*	
		For Manufacturer's Custom Colors, Add	*0.08*	
07 46 33 00-0008	SF	12" Exposure, 0.044" Thick, Horizontal Vinyl Siding Panel	4.80	1.61
		For 0.040" Thick, Deduct	*-0.21*	
		For 0.042" Thick, Deduct	*-0.08*	
		For 0.046" Thick, Add	*0.62*	
		For Manufacturer's Custom Colors, Add	*0.08*	

07 46 33 00-0009 Vertical Vinyl Siding Panels *(07 46 33 00-0002)*

07 46 33 00-0010	SF	7" Exposure, 0.048" Thick, Board And Batten, Vinyl Siding Panel	6.84	2.04
		For Manufacturer's Custom Colors, Add	*0.14*	

07 46 33 00-0011 Vinyl Siding Accessories *(07 46 33 00-0001)*

07 46 33 00-0012	LF	3/4" Pocket, Outside Corner Post For Vinyl Siding	7.08	1.55
		For Manufacturer's Custom Colors, Add	*0.20*	
07 46 33 00-0013	LF	1-1/8" Pocket, Outside Corner Post For Vinyl Siding	13.15	1.55
		For Manufacturer's Custom Colors, Add	*0.50*	
07 46 33 00-0014	LF	3/4" Pocket, Inside Corner Post For Vinyl Siding	5.56	1.55
		For Manufacturer's Custom Colors, Add	*0.12*	
07 46 33 00-0015	LF	1-1/8" Pocket, Inside Corner Post For Vinyl Siding	6.83	1.55
		For Manufacturer's Custom Colors, Add	*0.19*	
07 46 33 00-0016	LF	3/8" Pocket, J-Channel For Vinyl Siding	4.08	1.55
		For Manufacturer's Custom Colors, Add	*0.06*	
07 46 33 00-0017	LF	1/2" Pocket, J-Channel For Vinyl Siding	3.79	1.55
		For Manufacturer's Custom Colors, Add	*0.05*	
07 46 33 00-0018	LF	5/8" Pocket, J-Channel For Vinyl Siding	3.73	1.55
		For Manufacturer's Custom Colors, Add	*0.04*	
07 46 33 00-0019	LF	3/4" Pocket, J-Channel For Vinyl Siding	3.92	1.55
		For Manufacturer's Custom Colors, Add	*0.05*	
07 46 33 00-0020	LF	1" Pocket, J-Channel For Vinyl Siding	4.67	1.55
		For Manufacturer's Custom Colors, Add	*0.08*	
07 46 33 00-0021	LF	1-1/4" Pocket, J-Channel For Vinyl Siding	5.12	1.55
		For Manufacturer's Custom Colors, Add	*0.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 46 33 00-0022	LF	2-1/2" Pocket, J-Channel For Vinyl Siding	5.69	1.55
		For Manufacturer's Custom Colors, Add	*0.09*	
07 46 33 00-0023	LF	1/2" Pocket, F-Channel For Vinyl Siding	3.90	1.55
		For Manufacturer's Custom Colors, Add	*0.08*	
07 46 33 00-0024	LF	3/4" Pocket, 3-1/2" Lineal Trim For Vinyl Siding	8.99	2.15
		For Manufacturer's Custom Colors, Add	*0.23*	
07 46 33 00-0025	LF	3/4" Pocket, 5" Lineal Trim For Vinyl Siding	9.41	2.15
		For Manufacturer's Custom Colors, Add	*0.26*	
07 46 33 00-0026	LF	1-1/8" Pocket, 3-1/2" Lineal Trim For Vinyl Siding	10.36	2.15
		For Manufacturer's Custom Colors, Add	*0.30*	
07 46 33 00-0027	LF	3/8" Pocket, 1-7/8" H-Mold For Vinyl Siding	5.31	1.55
		For Manufacturer's Custom Colors, Add	*0.11*	
07 46 33 00-0028	LF	Vinyl Starter Strip For Vinyl Siding	6.65	1.55
		For Manufacturer's Custom Colors, Add	*0.18*	
07 46 33 00-0029	LF	Undersill Trim For Vinyl Siding	5.68	1.55
		For Manufacturer's Custom Colors, Add	*0.13*	

07 46 33 00-0030 Vinyl Soffit And Fascia *(07 46 33 00-0001)*

Note: Excludes J-channel.

07 46 33 00-0031	LF	6" Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit	4.77	1.66
		For 0.038" Thick, Deduct	*-0.64*	
		For 0.040" Thick, Deduct	*-0.55*	
		For Manufacturer's Custom Colors, Add	*0.07*	
07 46 33 00-0032	LF	10" Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit	5.89	1.74
		For 0.038" Thick, Deduct	*-1.08*	
		For 0.040" Thick, Deduct	*-0.90*	
		For Manufacturer's Custom Colors, Add	*0.12*	
07 46 33 00-0033	LF	1' Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit	6.45	1.80
		For 0.038" Thick, Deduct	*-1.30*	
		For 0.040" Thick, Deduct	*-1.10*	
		For Manufacturer's Custom Colors, Add	*0.14*	
07 46 33 00-0034	LF	1'-6" Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit	8.06	1.89
		For 0.038" Thick, Deduct	*-1.97*	
		For 0.040" Thick, Deduct	*-1.65*	
		For Manufacturer's Custom Colors, Add	*0.21*	
07 46 33 00-0035	LF	2' Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit	9.87	2.07
		For 0.038" Thick, Deduct	*-2.63*	
		For 0.040" Thick, Deduct	*-2.19*	
		For Manufacturer's Custom Colors, Add	*0.29*	
07 46 33 00-0036	LF	3' Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit	13.16	2.28
		For 0.038" Thick, Deduct	*-3.93*	
		For 0.040" Thick, Deduct	*-3.29*	
		For Manufacturer's Custom Colors, Add	*0.43*	
07 46 33 00-0037	LF	4' Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit	16.46	2.52
		For 0.038" Thick, Deduct	*-5.26*	
		For 0.040" Thick, Deduct	*-4.41*	
		For Manufacturer's Custom Colors, Add	*0.57*	
07 46 33 00-0038	LF	5' Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit	19.83	2.77
		For 0.038" Thick, Deduct	*-6.56*	
		For 0.040" Thick, Deduct	*-5.50*	
		For Manufacturer's Custom Colors, Add	*0.72*	
07 46 33 00-0039	LF	4" Exposure, Vinyl Fascia	4.98	1.62
		For Manufacturer's Custom Colors, Add	*0.09*	
07 46 33 00-0040	LF	6" Exposure, Vinyl Fascia	5.56	1.66
		For Manufacturer's Custom Colors, Add	*0.11*	
07 46 33 00-0041	LF	8" Exposure, Vinyl Fascia	5.49	1.71
		For Manufacturer's Custom Colors, Add	*0.10*	
07 46 33 00-0042	LF	10" Exposure, Vinyl Fascia	6.31	1.74
		For Manufacturer's Custom Colors, Add	*0.14*	

07 46 33 00-0043 Fiberglass Siding *(07 46 33)*

07 46 33 00-0044 Corrugated Panels *(07 46 33 00-0043)*

07 46 33 00-0045	SF	6 Ounce Corrugated Fiberglass Panels	7.41	2.39
07 46 33 00-0046	SF	8 Ounce Corrugated Fiberglass Panels	7.89	2.15
07 46 33 00-0047	SF	12 Ounce Corrugated Fiberglass Panels	8.78	2.15

07 46 33 00-0048 Flat Panels *(07 46 33 00-0043)*

07 46 33 00-0049	SF	6 Ounce Flat Fiberglass Panels	7.09	2.15
07 46 33 00-0050	SF	8 Ounce Flat Fiberglass Panels	7.89	2.15

07 46 46 Fiber-Cement Siding *(07 46)*

Note: Smooth or patterns. Includes sealer and primer.

07 46 46 00-0001 5/16" Thick, Fiber Cement Lap Siding *(07 46 46)*

07 46 46 00-0002	SF	5-1/4" Board with 4" Exposure, 5/16" Thick, Fiber Cement Lap Siding	6.57	2.52
07 46 46 00-0003	SF	6-1/4" Board with 5" Exposure, 5/16" Thick, Fiber Cement Lap Siding	6.25	2.39
07 46 46 00-0004	SF	7-1/4" Board with 6" Exposure, 5/16" Thick, Fiber Cement Lap Siding	6.11	2.33
07 46 46 00-0005	SF	8-1/4" Board with 7" Exposure, 5/16" Thick, Fiber Cement Lap Siding	5.95	2.27
07 46 46 00-0006	SF	9-1/2" Board with 8" Exposure, 5/16" Thick, Fiber Cement Lap Siding	5.69	2.15

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 46 46 00-0007	SF	12" Board with 10-3/4" Exposure, 5/16" Thick, Fiber Cement Lap Siding	5.42	2.04
07 46 46 00-0008	LF	Starter Strip, Fiber Cement Lap Siding	1.43	0.60
07 46 46 00-0009		Fiber Cement Shingle Siding *(07 46 46)*		
07 46 46 00-0010	SF	Fiber Cement Shingle Siding	9.14	2.21
07 46 46 00-0011		Fiber Cement Vertical Panel Siding *(07 46 46)*		
07 46 46 00-0012	SF	Fiber Cement Vertical Panel Siding	4.80	1.80
07 46 46 00-0013		Fiber Cement Trim Boards *(07 46 46)*		
07 46 46 00-0014		7/16" Thick, Fiber Cement Trim Boards *(07 46 46 00-0013)*		
07 46 46 00-0015	LF	4" Wide, 7/16" Thick, Fiber Cement Trim Board	3.14	1.20
07 46 46 00-0016	LF	6" Wide, 7/16" Thick, Fiber Cement Trim Board	3.89	1.32
07 46 46 00-0017	LF	8" Wide, 7/16" Thick, Fiber Cement Trim Board	4.59	1.44
07 46 46 00-0018	LF	12" Wide, 7/16" Thick, Fiber Cement Trim Board	5.91	1.67
07 46 46 00-0019		3/4" Thick Fiber Cement Trim Boards *(07 46 46 00-0013)*		
07 46 46 00-0020	LF	4" Wide, 3/4" Thick, Fiber Cement Trim Board	3.26	1.20
07 46 46 00-0021	LF	6" Wide, 3/4" Thick, Fiber Cement Trim Board	4.08	1.32
07 46 46 00-0022	LF	8" Wide, 3/4" Thick, Fiber Cement Trim Board	4.90	1.44
07 46 46 00-0023	LF	12" Wide, 3/4" Thick, Fiber Cement Trim Board	5.22	1.67
07 46 46 00-0024		1" Thick Fiber Cement Trim Boards *(07 46 46 00-0013)*		
07 46 46 00-0025	LF	4" Wide, 1" Thick, Fiber Cement Trim Board	3.42	1.20
07 46 46 00-0026	LF	6" Wide, 1" Thick, Fiber Cement Trim Board	4.36	1.32
07 46 46 00-0027	LF	8" Wide, 1" Thick, Fiber Cement Trim Board	5.30	1.44
07 46 46 00-0028	LF	12" Wide, 1" Thick, Fiber Cement Trim Board	6.94	1.67
07 46 46 00-0029		Fiber Cement Fascia Board *(07 46 46)*		
07 46 46 00-0030	LF	5/4" x 3-1/2" Fiber Cement Fascia Board	6.10	2.37
07 46 46 00-0031	LF	5/4" x 5-1/2" Fiber Cement Fascia Board	7.42	2.64
07 46 46 00-0032	LF	5/4" x 7-1/4" Fiber Cement Fascia Board	8.09	2.64
07 46 46 00-0033	LF	5/4" x 11-1/4" Fiber Cement Fascia Board	10.49	3.11
07 46 46 00-0034		Fiber Cement Soffit Boards *(07 46 46)*		
07 46 46 00-0035	SF	1/4" Thick, Non-Vented Fiber Cement Soffit	7.44	1.71
07 46 46 00-0036	SF	1/4" Thick, Vented Fiber Cement Soffit	7.96	1.71
07 46 63		**Fabricated Panel Assemblies with Siding *(07 46)***		
07 46 63 00-0001		Metal Liner Panels *(07 46 63)*		
07 46 63 00-0002		Galvanized Metal Liner Panels *(07 46 63 00-0001)*		
07 46 63 00-0003	SF	24 Gauge, 1-3/8" Thick Galvanized Metal Liner Panel	10.15	1.75
07 46 63 00-0004	SF	22 Gauge, 1-3/8" Thick Galvanized Metal Liner Panel	11.22	1.75
07 46 63 00-0005	SF	20 Gauge, 1-3/8" Thick Galvanized Metal Liner Panel	13.11	1.75
07 46 63 00-0006	SF	18 Gauge, 1-3/8" Thick Galvanized Metal Liner Panel	13.30	1.75

07 50 Membrane Roofing *(07)*

See CSI section 07 22 16 00-0000 for insulation, 07 60 00 00-0000 for additional flashing, sheet metal and trim, 07 70 00 00-0000 for additional roof accessories.

07 51 Built-Up Bituminous Roofing *(07 50)*

07 51 13 Built-Up Asphalt Roofing *(07 51)*

07 51 13 00-0001 Built-Up Asphalt Roofing Components *(07 51 13)*

07 51 13 00-0002 Built-Up Asphalt Membrane Roofing *(07 51 13 00-0001)*

Note: Includes all standard manufacturers' colors including white for granule and smooth surfaced cap sheets and flashing. See CSI section 07 51 13 00-0067 for built-up roofing demolition.

07 51 13 00-0003 Cold Adhesive Applied, Built-Up Asphalt Membrane Roofing *(07 51 13 00-0002)*

Note: Includes applying cold adhesive and embedding the membrane.

07 51 13 00-0004 Cold Adhesive Applied, Built-Up Asphalt Roofing Base, Ply And Cap Sheets *(07 51 13 00-0003)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 51 13 00-0005	SQ	Type IV, Asphalt Coated Fiberglass Ply Sheet, Cold Adhesive Applied	113.40	
		For Up To 10, Add	*29.61*	
		For >10 To 20, Add	*16.54*	
		For >20 To 40, Add	*9.14*	
		For >75 To 100, Deduct	*-4.57*	
		For >100 To 200, Deduct	*-10.00*	
		For >200, Deduct	*-14.57*	
07 51 13 00-0006	SQ	Asphalt Coated Polyester And Fiberglass Scrim, Base Or Ply Sheet, Cold Adhesive Applied	318.64	
		For Up To 10, Add	*70.66*	
		For >10 To 20, Add	*37.06*	
		For >20 To 40, Add	*19.40*	
		For >75 To 100, Deduct	*-9.70*	
		For >100 To 200, Deduct	*-20.26*	
		For >200, Deduct	*-29.96*	

07 51 13 00-0007 Cold Adhesive Applied, Built-Up Asphalt Roofing Flashing *(07 51 13 00-0003)*

07 51 13 00-0008	SF	Asphalt Coated Polyester And Fiberglass Scrim, Flashing, Cold Adhesive Applied	7.52	

07 51 13 00-0009 Hot-Mopped, Built-Up Asphalt Membrane Roofing *(07 51 13 00-0002)*

Note: Includes mopping hot asphalt and embedding the membrane.

07 51 13 00-0010 Hot-Mopped, Built-Up Asphalt Roofing Base, Ply And Cap Sheets *(07 51 13 00-0009)*

07 51 13 00-0011	SQ	Type IV, Asphalt Coated Fiberglass Ply Sheet, Hot-Mopped	82.75	
		For Up To 10, Add	*23.60*	
		For >10 To 20, Add	*13.56*	
		For >20 To 40, Add	*7.66*	
		For >75 To 100, Deduct	*-3.83*	
		For >100 To 200, Deduct	*-8.55*	
		For >200, Deduct	*-12.38*	
07 51 13 00-0012	SQ	Type VI, Asphalt Coated Fiberglass Ply Sheet, Hot-Mopped	88.60	
		For Up To 10, Add	*24.77*	
		For >10 To 20, Add	*14.15*	
		For >20 To 40, Add	*7.96*	
		For >75 To 100, Deduct	*-3.98*	
		For >100 To 200, Deduct	*-8.84*	
		For >200, Deduct	*-12.82*	
07 51 13 00-0013	SQ	Fine Mineral Surfaced, Asphalt Coated Fiberglass Base Sheet, Hot-Mopped	95.25	
		For Up To 10, Add	*26.10*	
		For >10 To 20, Add	*14.81*	
		For >20 To 40, Add	*8.29*	
		For >75 To 100, Deduct	*-4.14*	
		For >100 To 200, Deduct	*-9.17*	
		For >200, Deduct	*-13.31*	
07 51 13 00-0014	SQ	Asphalt Coated Fiberglass Venting Base Sheet, Hot-Mopped	169.00	
		For Up To 10, Add	*40.85*	
		For >10 To 20, Add	*22.19*	
		For >20 To 40, Add	*11.98*	
		For >75 To 100, Deduct	*-5.99*	
		For >100 To 200, Deduct	*-12.86*	
		For >200, Deduct	*-18.85*	
07 51 13 00-0015	SQ	Asphalt Coated Polyester And Fiberglass Scrim, Base Or Ply Sheet, Hot-Mopped	288.00	
		For Up To 10, Add	*64.65*	
		For >10 To 20, Add	*34.09*	
		For >20 To 40, Add	*17.93*	
		For >75 To 100, Deduct	*-8.96*	
		For >100 To 200, Deduct	*-18.81*	
		For >200, Deduct	*-27.77*	
07 51 13 00-0016	SQ	Granule Surfaced, Asphalt Coated Fiberglass Cap Sheet, Hot-Mopped	217.36	
		For Up To 10, Add	*51.20*	
		For >10 To 20, Add	*27.53*	
		For >20 To 40, Add	*14.73*	
		For >75 To 100, Deduct	*-7.37*	
		For >100 To 200, Deduct	*-15.70*	
		For >200, Deduct	*-23.06*	

07 51 13 00-0017 Hot-Mopped, Built-Up Asphalt Roofing Flashing *(07 51 13 00-0009)*

07 51 13 00-0018	SF	Asphalt Coated Polyester And Fiberglass Scrim, Flashing, Hot-Mopped	4.72	

07 51 13 00-0019 Mechanically Fastened, Built-Up Asphalt Membrane Roofing *(07 51 13 00-0002)*

Note: Includes fasteners.

07 51 13 00-0020 Mechanically Fastened, Built-Up Asphalt Roofing Base, Ply And Cap Sheets *(07 51 13 00-0019)*

07 51 13 00-0021	SQ	Type VI, Asphalt Coated Fiberglass Ply Sheet, Mechanically Fastened	88.62	
		For Up To 10, Add	*21.19*	
		For >10 To 20, Add	*11.46*	
		For >20 To 40, Add	*6.16*	
		For >75 To 100, Deduct	*-3.08*	
		For >100 To 200, Deduct	*-6.59*	
		For >200, Deduct	*-9.68*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 51 13 00-0022	SQ	Asphalt Coated Fiberglass Venting Base Sheet, Mechanically Fastened	169.02	
		For Up To 10, Add	*37.27*	
		For >10 To 20, Add	*19.50*	
		For >20 To 40, Add	*10.18*	
		For >75 To 100, Deduct	*-5.09*	
		For >100 To 200, Deduct	*-10.61*	
		For >200, Deduct	*-15.71*	
07 51 13 00-0023	SQ	Asphalt Coated Polyester And Fiberglass Scrim, Base Or Ply Sheet, Mechanically Fastened	288.01	
		For Up To 10, Add	*61.06*	
		For >10 To 20, Add	*31.40*	
		For >20 To 40, Add	*16.13*	
		For >75 To 100, Deduct	*-8.07*	
		For >100 To 200, Deduct	*-16.56*	
		For >200, Deduct	*-24.63*	

07 51 13 00-0024 Mechanically Fastened, Built-Up Asphalt Roofing Flashing *(07 51 13 00-0019)*

07 51 13 00-0025	SF	Asphalt Coated Polyester And Fiberglass Scrim, Flashing, Mechanically Fastened	5.76	

07 51 13 00-0026 Asphalt Saturated Organic Felt *(07 51 13 00-0001)*

07 51 13 00-0027 Cold Adhesive Applied, Asphalt Saturated Organic Felt *(07 51 13 00-0026)*

Note: Includes applying cold adhesive and embedding the felt.

07 51 13 00-0028	SQ	15 LB, Asphalt Saturated Organic Base Or Ply Sheet, Cold Adhesive Applied	109.74	
		For Up To 10, Add	*28.88*	
		For >10 To 20, Add	*16.17*	
		For >20 To 40, Add	*8.95*	
		For >75 To 100, Deduct	*-4.48*	
		For >100 To 200, Deduct	*-9.82*	
		For >200, Deduct	*-14.29*	
07 51 13 00-0029	SQ	30 LB, Asphalt Saturated Organic Base Or Ply Sheet, Cold Adhesive Applied	124.83	
		For Up To 10, Add	*31.90*	
		For >10 To 20, Add	*17.68*	
		For >20 To 40, Add	*9.71*	
		For >75 To 100, Deduct	*-4.85*	
		For >100 To 200, Deduct	*-10.57*	
		For >200, Deduct	*-15.43*	

07 51 13 00-0030 Hot-Mopped, Asphalt Saturated Organic Felt *(07 51 13 00-0026)*

Note: Includes mopping hot asphalt and embedding the felt.

07 51 13 00-0031	SQ	15 LB, Asphalt Saturated Organic Base Or Ply Sheet, Hot-Mopped	79.09	
		For Up To 10, Add	*22.87*	
		For >10 To 20, Add	*13.20*	
		For >20 To 40, Add	*7.48*	
		For >75 To 100, Deduct	*-3.74*	
		For >100 To 200, Deduct	*-8.36*	
		For >200, Deduct	*-12.10*	
07 51 13 00-0032	SQ	30 LB, Asphalt Saturated Organic Base Or Ply Sheet, Hot-Mopped	94.18	
		For Up To 10, Add	*25.89*	
		For >10 To 20, Add	*14.71*	
		For >20 To 40, Add	*8.24*	
		For >75 To 100, Deduct	*-4.12*	
		For >100 To 200, Deduct	*-9.12*	
		For >200, Deduct	*-13.23*	

07 51 13 00-0033 Mechanically Fastened, Asphalt Saturated Organic Felt *(07 51 13 00-0026)*

Note: Includes fasteners.

07 51 13 00-0034	SQ	15 LB, Asphalt Saturated Organic Base Or Ply Sheet, Mechanically Fastened	39.77	
		For Up To 10, Add	*11.42*	
		For >10 To 20, Add	*6.57*	
		For >20 To 40, Add	*3.72*	
		For >75 To 100, Deduct	*-1.86*	
		For >100 To 200, Deduct	*-4.15*	
		For >200, Deduct	*-6.01*	
07 51 13 00-0035	SQ	30 LB, Asphalt Saturated Organic Base Or Ply Sheet, Mechanically Fastened	54.86	
		For Up To 10, Add	*14.43*	
		For >10 To 20, Add	*8.08*	
		For >20 To 40, Add	*4.47*	
		For >75 To 100, Deduct	*-2.24*	
		For >100 To 200, Deduct	*-4.91*	
		For >200, Deduct	*-7.14*	

07 51 13 00-0036 Surfacing *(07 51 13 00-0001)*

07 51 13 00-0037	SQ	400 LB/SQ Gravel Roofing Ballast, Set In Hot Asphalt Flood Coat	174.55	
		For Up To 10, Add	*52.24*	
		For >10 To 20, Add	*30.45*	
		For >20 To 40, Add	*17.39*	
		For >75 To 100, Deduct	*-8.70*	
		For >100 To 200, Deduct	*-19.56*	
		For >200, Deduct	*-28.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 51 13 00-0038	SQ	400 LB/SQ Gravel Roofing Ballast, Set In Cold Adhesive Flood Coat	263.36	
		For Up To 10, Add	*70.00*	
		For >10 To 20, Add	*39.33*	
		For >20 To 40, Add	*21.83*	
		For >75 To 100, Deduct	*-10.92*	
		For >100 To 200, Deduct	*-24.00*	
		For >200, Deduct	*-34.92*	
07 51 13 00-0039	CY	Gravel Roofing Ballast, Spread To Desired Thickness Note: Excludes hot asphalt or cold adhesive.	181.42	
07 51 13 00-0040	SQ	Protective Polypropylene Fabric Mat, Loose Laid Note: Installed as a separator mat (under membrane), a crushed stone mat (above membrane) or as a stone separator mat in ballasted systems.	51.99	
		For Up To 10, Add	*12.68*	
		For >10 To 20, Add	*6.91*	
		For >20 To 40, Add	*3.74*	
		For >75 To 100, Deduct	*-1.87*	
		For >100 To 200, Deduct	*-4.03*	
		For >200, Deduct	*-5.90*	
07 51 13 00-0041	SQ	Clay-Stabilized, Water-Based Asphalt Emulsion With Reinforcing Fibers, Weather-Proofing Surface Coating, Price Per Coat Note: Protective coating for use over built-up, SBS and APP modified bitumen, metal, concrete and wood roofs.	130.00	
		For Up To 10, Add	*30.16*	
		For >10 To 20, Add	*16.12*	
		For >20 To 40, Add	*8.58*	
		For >75 To 100, Deduct	*-4.29*	
		For >100 To 200, Deduct	*-9.10*	
		For >200, Deduct	*-13.39*	
07 51 13 00-0042	SQ	Fibrated Aluminum, Asphalt-Based, Reflective Weather-Proofing Surface Coating, Price Per Coat Note: Protective and reflective coating for use over built-up, SBS and APP modified bitumen and metal roofs.	115.31	
		For Up To 10, Add	*27.22*	
		For >10 To 20, Add	*14.65*	
		For >20 To 40, Add	*7.85*	
		For >75 To 100, Deduct	*-3.92*	
		For >100 To 200, Deduct	*-8.37*	
		For >200, Deduct	*-12.29*	
07 51 13 00-0043	SQ	Aluminum Flakes And Reinforcing Fibers Suspended In Emulsified Asphalt, Reflective Surface Coating, Price Per Coat Note: Reflective coating for use over smooth-surfaced built-up roofs.	155.39	
		For Up To 10, Add	*35.24*	
		For >10 To 20, Add	*18.66*	
		For >20 To 40, Add	*9.85*	
		For >75 To 100, Deduct	*-4.92*	
		For >100 To 200, Deduct	*-10.37*	
		For >200, Deduct	*-15.29*	
07 51 13 00-0044	SQ	100% Acrylic Elastomeric, Reflective Surface Coating, Price Per Coat Note: Reflective coating for use over built-up, SBS and APP modified bitumen roofs. For use on smooth or granule surfaced roofing systems.	156.70	
		For Up To 10, Add	*35.50*	
		For >10 To 20, Add	*18.79*	
		For >20 To 40, Add	*9.92*	
		For >75 To 100, Deduct	*-4.96*	
		For >100 To 200, Deduct	*-10.44*	
		For >200, Deduct	*-15.39*	
		For Installation Over Granule Surfaced Asphalt Roof Systems, Add	*46.93*	
07 51 13 00-0045	SQ	100% Acrylic Elastomeric, Bleed Blocking Base Coating, Price Per Coat Note: Bleed blocking coating for use over built-up, Styrene-Butadiene-Styrene (SBS) and Atactic-Polypropylene (APP) modified bitumen roofs. For use on smooth or granule surfaced roofing systems.	162.10	
		For Up To 10, Add	*36.58*	
		For >10 To 20, Add	*19.33*	
		For >20 To 40, Add	*10.19*	
		For >75 To 100, Deduct	*-5.09*	
		For >100 To 200, Deduct	*-10.71*	
		For >200, Deduct	*-15.80*	
		For Installation Over Granule Surfaced Asphalt Roof Systems, Add	*48.71*	
07 51 13 00-0046	SF	Ceramic Coated Roofing Granules, Hand Broadcast Note: For application over liquid flashing/membranes, asphalt bleed-out areas, modified or BUR membrane repairs, etc.	2.51	
07 51 13 00-0047	SF	Energy Star, Ceramic Coated UltraWhite Roofing Granules, Hand Broadcast Note: For application over liquid flashing/membranes, asphalt bleed-out areas, modified or BUR membrane repairs, etc.	4.47	
07 51 13 00-0048	SQ	Vapor Permeable Synthetic Underlayment (GAF Deck-Armor™)	39.27	
07 51 13 00-0049		**Walkway Pads** *(07 51 13 00-0001)* Note: Set in hot asphalt or cold adhesive.		
07 51 13 00-0050	LF	5/16" Thick, 32" Wide, Skid Resistant, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Walkway Pad	32.59	
07 51 13 00-0051	LF	1/2" Thick, 32" Wide, Skid Resistant, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Walkway Pad	38.91	
07 51 13 00-0052		**Cant And Tapered Edge Strips** *(07 51 13 00-0001)*		
07 51 13 00-0053	LF	2" x 2" Perlite Cant Strip	4.20	
07 51 13 00-0054	LF	3" x 3" Perlite Cant Strip	4.35	
07 51 13 00-0055	LF	4" x 4" Perlite Cant Strip	5.04	
07 51 13 00-0056	LF	3" x 3" Pressure Treated Wood Cant Strip, Cut Diagonally	3.94	
07 51 13 00-0057	LF	4" x 4" Pressure Treated Wood Cant Strip, Cut Diagonally	4.05	
07 51 13 00-0058	LF	1/2" x 6" Perlite Tapered Edge Strip	4.69	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 51 13 00-0059	LF	1/2" x 12" Perlite Tapered Edge Strip	5.48	
07 51 13 00-0060	LF	1" x 12" Perlite Tapered Edge Strip	5.70	
07 51 13 00-0061	LF	1" x 24" Perlite Tapered Edge Strip	6.52	
07 51 13 00-0062	LF	1-1/2" x 12" Perlite Tapered Edge Strip	6.44	
07 51 13 00-0063	LF	1-1/2" x 18" Perlite Tapered Edge Strip	7.94	
07 51 13 00-0064	LF	1-1/2" x 24" Perlite Tapered Edge Strip	9.02	
07 51 13 00-0065		**Asphalt Primer** *(07 51 13 00-0001)*		
07 51 13 00-0066	SQ	Asphalt Primer For Roofing Systems Note: Foundation coating for hot-mopped and cold applied asphalt coatings, roof cements, and asphalt based roof adhesives. For use on weathered roofing, asphalt, concrete, gypsum, masonry, block, brick and metal surfaces.	36.33	
07 51 13 00-0067		**Demolish Built-Up Roofing** *(07 51 13 00-0001)* Note: For removing any asphalt, coal tar or modified bitumen roofing system, including surfacing material down to the insulation or recovery board. Includes removal of any basic roof accessories and any sheet metals; except special existing conditions (mechanical equipment piping, electrical, ducts, etc.). See CSI section 01 74 19 00-0000 for chutes, dumpsters and hauling.		
07 51 13 00-0068	SQ	Demolish Gravel/Slag Surfaced, Built Up Roofing System	363.92	
		For Up To 10, Add		*90.24*
		For >10 To 25, Add		*54.14*
07 51 13 00-0069	SQ	Demolish Cap Sheet Surfaced, Built Up Roofing System Note: Includes protective surfacing.	280.74	
		For Up To 10, Add		*69.61*
		For >10 To 25, Add		*41.77*
07 51 13 00-0070		**Roofing System Warranty** *(07 51 13 00-0001)* Note: The warranty tasks below are only to be used in conjunction with the built-up bituminous and modified bituminous membrane roofing sections. The appropriate task is to be applied to the completed roofing membrane systems, not individual components. All warranties are no dollar limit to include material, equipment and labor.		
07 51 13 00-0071	EA	Up To 50 SQ, 10 Year, Built-Up Bituminous Or Modified Bituminous Membrane, Roofing System Warranty	634.62	
07 51 13 00-0072	SQ	>50 SQ, 10 Year, Built-Up Bituminous Or Modified Bituminous Membrane, Roofing System Warranty	9.07	
07 51 13 00-0073	EA	Up To 50 SQ, 15 Year, Built-Up Bituminous Or Modified Bituminous Membrane, Roofing System Warranty	725.28	
07 51 13 00-0074	SQ	>50 SQ, 15 Year, Built-Up Bituminous Or Modified Bituminous Membrane, Roofing System Warranty	14.51	
07 51 13 00-0075	EA	Up To 50 SQ, 20 Year, Built-Up Bituminous Or Modified Bituminous Membrane, Roofing System Warranty	997.26	
07 51 13 00-0076	SQ	>50 SQ, 20 Year, Built-Up Bituminous Or Modified Bituminous Membrane, Roofing System Warranty	19.95	
07 51 13 00-0077		**Built-Up Roofing Components (Garland)** *(07 51 13)* Note: All tasks presented as a single layer. Adhesives are priced separately.		
07 51 13 00-0078		**Modified Cap Membranes** *(07 51 13 00-0077)* See CSI section 07 51 13 00-0102 for base membrane.		
07 51 13 00-0079		**Modified Cap Membranes, Hot/Cold Applied** *(07 51 13 00-0078)* Note: As manufactured by Garland. Pricing represents single ply per square. Includes 30 year leak-free warranty.		
07 51 13 00-0080	SQ	Stressply® FR Mineral Dual Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Fiberglass Reinforced Membrane, Minimum 145 Mil	723.75	
07 51 13 00-0081	SQ	Stressply® Plus Poly/Fiberglass Reinforced, Smooth Styrene-Butadiene-Styrene (SBS) Modified Membrane With Recycled Rubber, 105 Mil	517.42	
07 51 13 00-0082	SQ	Stressply® Plus FR Mineral Poly/Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Fiberglass Reinforced Membrane With Recycled Rubber, Minimum 155 Mil	640.93	
07 51 13 00-0083	SQ	Stressply® E Eco-Responsible, Smooth Styrene-Butadiene-Styrene (SBS)/Styrene-Isoprene-Styrene (SIS) Membrane With High Recycled Content And Renewable Materials	666.06	
07 51 13 00-0084	SQ	Stressply® E FR Mineral Eco-Responsible, Styrene-Butadiene-Styrene (SBS)/Styrene-Isoprene-Styrene (SIS) Membrane With High Recycled Content And Renewable Materials, Minimum 160 Mil	927.85	
07 51 13 00-0085	SQ	Stressply® EUV Fiberglass Reinforced, Minimum Poly/Fiberglass Reinforced White T-24 Styrene-Butadiene-Styrene (SBS)/Styrene-Isoprene-Styrene (SIS) Modified Membrane With Recycled Rubber, 160 Mil	1,043.21	
07 51 13 00-0086	SQ	Versiply® III 80 Dual Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Membrane, 80 Mil Note: Low strength cap sheet for hot or cold modified systems used with gravel.	437.82	
07 51 13 00-0087	SQ	Versiply® III Mineral Dual Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Membrane, Minimum 145 Mil	552.19	
07 51 13 00-0088	SQ	BiFlex® Cap Fiberglass Reinforced, Mineral Surfaced Styrene-Butadiene-Styrene (SBS) Modified Membrane, 140 Mil	337.20	
07 51 13 00-0089		**Modified Cap Membranes, Self-Adhering** *(07 51 13 00-0078)* Note: As manufactured by Garland. Pricing represents single ply per square. Includes 25 year leak-free warranty.		
07 51 13 00-0090	SQ	Stressply® SA FR Mineral Styrene-Butadiene-Styrene (SBS) Modified Self-Adhering Fiberglass Reinforced Membrane, Minimum 140 Mil Note: Self adhering system. One HPR SA FR base with one ply Stress Ply SA FR cap sheet.	654.97	
07 51 13 00-0091		**Modified Cap Membranes, Torch-Applied** *(07 51 13 00-0078)* Note: As manufactured by Garland. Pricing represents single ply per square. Includes 30 year leak-free warranty.		
07 51 13 00-0092	SQ	Stressply® IV Dual Fiberglass Reinforced, Smooth Styrene-Butadiene-Styrene (SBS) Modified Membrane, Torch Applied, 180 Mil Note: Smooth surfaced Styrene-Butadiene-Styrene (SBS) torch modified top ply of torch system with gravel.	806.58	
07 51 13 00-0093	SQ	Stressply® IV Mineral Dual Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Membrane, Torch Applied, Minimum 195 Mil	877.58	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 51 13 00-0094	SQ	Stressply® IV UV Mineral Fiberglass Reinforced, Starburst Surface Styrene-Butadiene-Styrene (SBS) Modified Membrane, Torch Applied, Title 24 Compliant, 195 Mil	924.90	
07 51 13 00-0095	SQ	StressPly® IV Plus Poly/Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Membrane, Torch Applied, 180 Mil	845.03	
07 51 13 00-0096	SQ	StressPly® IV Plus Mineral Poly/Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Mineral Surfaced Membrane, Torch Applied, 195 Mil	895.32	
07 51 13 00-0097	SQ	StressPly® IV Plus UV Mineral Poly/Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Reflective Mineral Membrane, Torch Applied, 195 Mil	939.69	
07 51 13 00-0098		**Modified Cap Membranes, Coal Tar Pitch Systems** *(07 51 13 00-0078)*		
		Note: As manufactured by Garland. Pricing represents single ply per square. Includes 30 year leak-free warranty.		
07 51 13 00-0099	SQ	Millennium® Poly/Fiberglass Reinforced, Smooth Styrene-Butadiene-Styrene (SBS) Modified Coal Tar Membrane, Minimum 120 Mil	744.17	
07 51 13 00-0100	SQ	Millennium® FR Mineral Poly/Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Coal Tar Fiberglass Reinforced Membrane, Minimum 160 Mil	1,176.32	
07 51 13 00-0101	SQ	Millennium® Mineral Poly/Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Coal Tar Membrane, Minimum 160 Mil	957.44	
07 51 13 00-0102		**Base Ply** *(07 51 13 00-0077)*		
		Note: Used with modified cap membranes, underlayment for metal systems, and reinforcement for restoration systems. See CSI section 07 51 13 00-0078 for cap membrane.		
07 51 13 00-0103	SQ	Flexbase® E120 Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Base Sheet Used As Base Ply With Biflex Cap, 120 Mil	661.63	
07 51 13 00-0104	SQ	Flexbase® 80 Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Base Sheet Used As Base Ply With Biflex Cap, 80 Mil	415.37	
07 51 13 00-0105	SQ	HPR® Glasbase Heavy Duty Double Coated ASTM D 4601, Type II Fiberglass, Type II, 55 Mil	94.70	
		Note: Glasbase used in cold system, nailed to deck, or inner ply 2 plies with cap.		
07 51 13 00-0106	SQ	HPR® Glasfelt Asphalt Saturated Fiberglass Felt, ASTM D 2178 Type IV, 20 Mil	62.46	
		Note: Inner ply felts for hot applied built up and modified BUR systems.		
07 51 13 00-0107	SQ	HPR® Premium Glasbase High Strength, Double Coated Premium Base Sheet, Far Exceeds ASTM D 4601 Type II, 55 Mil	76.20	
07 51 13 00-0108	SQ	HPR® Premium Glasfelt Premium Asphalt Saturated Fiberglass Felt, ASTM D 2178 Type VI, 25 Mil	82.86	
07 51 13 00-0109	SQ	HPR® Tribase Premium Poly/Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Base Sheet, 60 Mil	129.65	
		Note: Inner plies for cold applied modified, Styrene-Butadiene-Styrene (SBS) modified, or 2 plies under cap sheet.		
07 51 13 00-0110	SQ	Millennium® Base Poly/Fiberglass Reinforced Coal Tar Base Sheet For Cold Millennium Systems, 80 Mil	421.76	
07 51 13 00-0111	SQ	HPR® SA FR Base Sheet Styrene-Butadiene-Styrene (SBS) Modified Self-Adhering Underlayment Used In SP SA Fiberglass Reinforced Systems, Minimum 80 Mil	362.88	
		Note: Self adhering base ply for self adhering 2 ply system.		
07 51 13 00-0112	SQ	StressBase® 120 Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Underlayment Used With VersiPly And StressPly Cap Sheets, 120 Mil	369.05	
07 51 13 00-0113	SQ	StressBase® 80 Fiberglass Reinforced, Smooth Styrene-Butadiene-Styrene (SBS) Modified Underlayment Used With VersiPly And StressPly Cap Sheets, 80 Mil	306.20	
07 51 13 00-0114	LF	Garmesh® 6" Styrene-Butadiene-Styrene (SBS) Coated Woven Fiberglass Reinforcing Fabric	5.11	
07 51 13 00-0115	LF	Grip Polyester® Firm Polyester Reinforcement Used For Cold Application Over Smooth BUR Or Modified Roof Systems	14.55	
07 51 13 00-0116	SQ	Grip Polyester® Soft Polyester Reinforcement Used For Cold Applications Over Metal, Modified, Or Single Ply Roof Systems	72.88	
07 51 13 00-0117	LF	Grip Polyester® Soft 12" Polyester Reinforcement Used For Cold Applications Over Metal, Modified, Or Single Ply Roof Systems	6.69	
07 51 13 00-0118	LF	Grip Polyester® Soft 4" Polyester Reinforcement Used For Cold Applications Over Metal, Modified, Or Single Ply Roof Systems	4.81	
07 51 13 00-0119	LF	Grip Polyester® Soft 6" Polyester Reinforcement Used For Cold Applications Over Metal, Modified, Or Single Ply Roof Systems	5.68	
07 51 13 00-0120	SQ	HPR® Polyscrim Plus Polyester Reinforcement For Hot Bitumen Applications	160.08	
07 51 13 00-0121		**Coatings And Mastics For Roof Installation, Restoration And Repairs** *(07 51 13 00-0077)*		
07 51 13 00-0122	SQ	Water Based Roof Primer, GarlaPrime VOC Primer	45.29	
07 51 13 00-0123	SQ	Black-Knight® Primer	41.81	
07 51 13 00-0124	SQ	Black-Knight® Cold, Cold Process Polymer Modified Coal Tar, Interply	175.81	
07 51 13 00-0125	SQ	Black-Knight® Cold, Cold Process Polymer Modified Coal Tar, Flood Coat (4-5 GAL/SQ)	185.37	
07 51 13 00-0126	SQ	Black-Knight® Cold, Cold Process Polymer Modified Coal Tar, Restoration (6-8 GAL/SQ)	295.31	
07 51 13 00-0127	SQ	Black-Knight® LV Hot Applied Polymer Modified Lower Viscosity Coal Tar Adhesive, Interply	478.36	
07 51 13 00-0128	SQ	Black-Knight® LV Hot Applied Polymer Modified Lower Viscosity Coal Tar Adhesive, Flood Coat	491.11	
07 51 13 00-0129	SQ	Energizer® K Plus FR Cold Applied Styrene-Butadiene-Styrene (SBS) Modified Asphalt Coating With Kevlar® For Smooth And Mineral Restoration, One Coat (3 GAL/SQ)	228.94	
07 51 13 00-0130	SQ	Energizer® K Plus FR Cold Applied Styrene-Butadiene-Styrene (SBS) Modified Asphalt Coating With Kevlar® For Smooth And Mineral Restoration, Restoration	378.74	
07 51 13 00-0131	SQ	Energizer® LO Low Odor Cold Applied Polyurethane Modified Asphalt Liquid Membrane For Smooth And Mineral Restoration, One Coat (3 GAL/SQ)	587.34	
07 51 13 00-0132	SQ	Energizer® LO Low Odor Cold Applied Polyurethane Modified Asphalt Liquid Membrane For Smooth And Mineral Restoration, Restoration	976.26	
07 51 13 00-0133	SQ	Garlastic® KM Plus Premium Hot Applied, Styrene-Ethylene-Butadiene-Styrene (SEBS) Modified Adhesive/Waterproofer, Interply	408.05	
07 51 13 00-0134	SQ	Garlastic® KM Plus Premium Hot Applied, Styrene-Ethylene-Butadiene-Styrene (SEBS) Modified Adhesive/Waterproofer, Flood Coat	420.80	
07 51 13 00-0135	SQ	Green-Lock® Flashing Adhesive 100% Solids Polyether, Zero VOC, Flashing Adhesive To Be Used With Styrene-Butadiene-Styrene (SBS) Sheets Only	897.61	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 51 13 00-0136	SQ	Green-Lock® Membrane Adhesive 100% Solids Polyether, Zero VOC, Membrane Adhesive To Be Used With Styrene-Butadiene-Styrene (SBS) Sheets Only	387.37	
07 51 13 00-0137	SQ	HPR® All-Temp Asphalt Hot Applied, High Softening Point, High Penetration Mopping Asphalt, Interply	188.23	
07 51 13 00-0138	SQ	HPR® All-Temp Asphalt Hot Applied, High Softening Point, High Penetration Mopping Asphalt, Flood Coat	200.98	
07 51 13 00-0139	SQ	Insul-Lock® E HR Bio-Based High Rise Urethane Insulation Adhesive For New Construction Or Gravel	174.15	
07 51 13 00-0140	SQ	Insul-Lock® HR High Rise Urethane Insulation Adhesive For New Construction Or Gravel Recovers	162.40	
07 51 13 00-0141	SQ	Insul-Lock® HR Universal Primer All-Purpose Water Based Primer Designed For Use With The Insul-Lock Products Note: Adheres all insulation layers for cold systems.	19.70	
07 51 13 00-0142	SQ	Pyramic® Plus LO White, Water-Based Acrylic, Low VOC, Reflective Roof Coating, Energy Star, Top Coat Required	199.65	
07 51 13 00-0143	SQ	Pyramic® Plus LO Base Coat, Water-Based, Acrylic, Low VOC, Base Coating For A Pyramic System	193.50	
07 51 13 00-0144	LF	Silver-Flash® Aluminized Asphalt Fibered Trowel Grade Mastic Used With GarMesh	23.85	
07 51 13 00-0145	SQ	Solex® White, Kynar® Acrylic Topcoat Roof Coating Used With Pyramic Base Coat	258.83	
07 51 13 00-0146	SQ	Tuff-Flash™ Multi-Purpose Asphaltic Polyurethane Liquid Flashing Membrane Used With Reinforcing Fabric	1,471.34	
07 51 13 00-0147	SQ	Weatherscreen™ Rubberized, Fiber-Reinforced Fire-Rated Restoration For Modified And Gravel, Flood Coat (4-5 GAL/SQ)	328.36	
07 51 13 00-0148	SQ	Weatherscreen™ Rubberized, Fiber-Reinforced Fire-Rated Restoration For Modified And Gravel	401.41	
07 51 13 00-0149	SQ	Weatherking® Cold Applied Rubber Modified Asphalt Interplay Adhesive For Slopes Up To 3:12, Interply	148.50	
07 51 13 00-0150	SQ	Weatherking® Flashing Adhesive Brush Grade, Cold Applied Asphalt Adhesive For Flashings In A Weatherking System	478.71	
07 51 13 00-0151	SQ	Weatherking® Plus WC Cold Applied Rubber Modified, VOC Compliant Asphalt Interply Adhesive For Slopes Up To 2:12, Interply Note: Inner ply and flood coat SEBS modified adhesive for all cold systems with gravel.	147.37	

07 52 Modified Bituminous Membrane Roofing *(07 50)*

07 52 13 Atactic-Polypropylene Modified Bituminous Membrane Roofing *(07 52)*

Note: Includes all standard manufacturers' colors including white for granule and smooth surfaced cap sheets and flashing. See CSI section 07 51 13 00-0001 for additional components such as concrete primers, cant strips, surfacing, walkway boards, demolition and warranties.

07 52 13 11 Cold Adhesive Applied Atactic-Polypropylene-Modified Bituminous Membrane Roofing *(07 52 13)*

07 52 13 11-0001 Cold Adhesive Applied Atactic-Polypropylene (APP) Modified Bituminous Membrane Roofing *(07 52 13 11)*

Note: Includes fiberglass and/or polyester reinforcement. Includes applying cold adhesive and embedding the membrane. Includes heat welding side and end laps when required.

07 52 13 11-0002 Cold Adhesive Applied, Atactic-Polypropylene (APP) Modified Bitumen Roofing Base, Ply And Cap Sheets *(07 52 13 11-0001)*

07 52 13 11-0003	SQ	80 Mil, Atactic-Polypropylene (APP) Modified Bitumen Base Sheet, Cold Adhesive Applied	211.78
		For Up To 10, Add	*49.29*
		For >10 To 20, Add	*26.38*
		For >20 To 40, Add	*14.05*
		For >75 To 100, Deduct	*-7.03*
		For >100 To 200, Deduct	*-14.92*
		For >200, Deduct	*-21.95*
07 52 13 11-0004	SQ	90 Mil, Atactic-Polypropylene (APP) Modified Bitumen Base Or Ply Sheet, Cold Adhesive Applied	258.64
		For Up To 10, Add	*58.66*
		For >10 To 20, Add	*31.06*
		For >20 To 40, Add	*16.40*
		For >75 To 100, Deduct	*-8.20*
		For >100 To 200, Deduct	*-17.26*
		For >200, Deduct	*-25.46*
07 52 13 11-0005	SQ	160 Mil, Atactic-Polypropylene (APP) Modified Bitumen Ply Sheet, Cold Adhesive Applied	408.28
		For Up To 10, Add	*88.59*
		For >10 To 20, Add	*46.03*
		For >20 To 40, Add	*23.88*
		For >75 To 100, Deduct	*-11.94*
		For >100 To 200, Deduct	*-24.75*
		For >200, Deduct	*-36.68*
07 52 13 11-0006	SQ	160 Mil, Smooth Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Cold Adhesive Applied	411.58
		For Up To 10, Add	*89.91*
		For >10 To 20, Add	*46.85*
		For >20 To 40, Add	*24.37*
		For >75 To 100, Deduct	*-12.19*
		For >100 To 200, Deduct	*-25.32*
		For >200, Deduct	*-37.51*
07 52 13 11-0007	SQ	160 Mil, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Cold Adhesive Applied	293.39
		For Up To 10, Add	*66.27*
		For >10 To 20, Add	*35.03*
		For >20 To 40, Add	*18.46*
		For >75 To 100, Deduct	*-9.23*
		For >100 To 200, Deduct	*-19.41*
		For >200, Deduct	*-28.65*
		For Factory Applied White Reflective Surfacing, Add	*105.13*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 52 13 11-0008	SQ	160 Mil, Fire Rated, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Cold Adhesive Applied	340.79	
		For Up To 10, Add	*75.75*	
		For >10 To 20, Add	*39.77*	
		For >20 To 40, Add	*20.83*	
		For >75 To 100, Deduct	*-10.42*	
		For >100 To 200, Deduct	*-21.78*	
		For >200, Deduct	*-32.20*	
		For Factory Applied White Reflective Surfacing, Add	*105.13*	
07 52 13 11-0009	SQ	180 Mil, Fire Rated, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Cold Adhesive Applied	469.94	
		For Up To 10, Add	*101.58*	
		For >10 To 20, Add	*52.69*	
		For >20 To 40, Add	*27.29*	
		For >75 To 100, Deduct	*-13.65*	
		For >100 To 200, Deduct	*-28.24*	
		For >200, Deduct	*-41.89*	
		For Factory Applied White Reflective Surfacing, Add	*105.13*	

07 52 13 11-0010 Cold Adhesive Applied, Atactic-Polypropylene (APP) Modified Bitumen Roofing Flashing *(07 52 13 11-0001)*

07 52 13 11-0011	SF	160 Mil, Smooth Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Flashing, Cold Adhesive Applied	5.84	
07 52 13 11-0012	SF	180 Mil, Fire Rated, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Flashing, Cold Adhesive Applied	9.00	
		For Factory Applied White Reflective Surfacing, Add	*1.05*	

07 52 13 13 Torch-Applied Atactic-Polypropylene-Modified Bituminous Membrane Roofing *(07 52 13)*

07 52 13 13-0001 Torch-Applied Atactic-Polypropylene (APP) Modified Bituminous Membrane Roofing *(07 52 13 13)*

Note: Includes fiberglass and/or polyester reinforcement. Includes adhering the membrane with a torch.

07 52 13 13-0002 Torch-Applied, Atactic-Polypropylene (APP) Modified Bitumen Roofing Base, Ply And Cap Sheets *(07 52 13 13-0001)*

07 52 13 13-0003	SQ	80 Mil, Atactic-Polypropylene (APP) Modified Bitumen Base Sheet, Torch-Applied	151.75	
		For Up To 10, Add	*37.27*	
		For >10 To 20, Add	*20.37*	
		For >20 To 40, Add	*11.05*	
		For >75 To 100, Deduct	*-5.52*	
		For >100 To 200, Deduct	*-11.92*	
		For >200, Deduct	*-17.44*	
07 52 13 13-0004	SQ	90 Mil, Atactic-Polypropylene (APP) Modified Bitumen Base Or Ply Sheet, Torch-Applied	198.62	
		For Up To 10, Add	*46.65*	
		For >10 To 20, Add	*25.06*	
		For >20 To 40, Add	*13.39*	
		For >75 To 100, Deduct	*-6.70*	
		For >100 To 200, Deduct	*-14.26*	
		For >200, Deduct	*-20.96*	
07 52 13 13-0005	SQ	150 Mil, Atactic-Polypropylene (APP) Modified Bitumen Ply Sheet, Torch-Applied	237.99	
		For Up To 10, Add	*58.00*	
		For >10 To 20, Add	*31.60*	
		For >20 To 40, Add	*17.10*	
		For >75 To 100, Deduct	*-8.55*	
		For >100 To 200, Deduct	*-18.40*	
		For >200, Deduct	*-26.95*	
07 52 13 13-0006	SQ	160 Mil, Atactic-Polypropylene (APP) Modified Bitumen Ply Sheet, Torch-Applied	249.98	
		For Up To 10, Add	*60.39*	
		For >10 To 20, Add	*32.80*	
		For >20 To 40, Add	*17.70*	
		For >75 To 100, Deduct	*-8.85*	
		For >100 To 200, Deduct	*-19.00*	
		For >200, Deduct	*-27.85*	
07 52 13 13-0007	SQ	180 Mil, Atactic-Polypropylene (APP) Modified Bitumen Ply Sheet, Torch-Applied	347.33	
		For Up To 10, Add	*79.86*	
		For >10 To 20, Add	*42.53*	
		For >20 To 40, Add	*22.57*	
		For >75 To 100, Deduct	*-11.28*	
		For >100 To 200, Deduct	*-23.87*	
		For >200, Deduct	*-35.15*	
07 52 13 13-0008	SQ	150 Mil, Smooth Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Torch-Applied	237.99	
		For Up To 10, Add	*58.00*	
		For >10 To 20, Add	*31.60*	
		For >20 To 40, Add	*17.10*	
		For >75 To 100, Deduct	*-8.55*	
		For >100 To 200, Deduct	*-18.40*	
		For >200, Deduct	*-26.95*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 52 13 13-0009	SQ	160 Mil, Smooth Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Torch-Applied	252.98	
		For Up To 10, Add	*60.99*	
		For >10 To 20, Add	*33.10*	
		For >20 To 40, Add	*17.85*	
		For >75 To 100, Deduct	*-8.92*	
		For >100 To 200, Deduct	*-19.15*	
		For >200, Deduct	*-28.07*	
07 52 13 13-0010	SQ	180 Mil, Smooth Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Torch-Applied	347.33	
		For Up To 10, Add	*79.86*	
		For >10 To 20, Add	*42.53*	
		For >20 To 40, Add	*22.57*	
		For >75 To 100, Deduct	*-11.28*	
		For >100 To 200, Deduct	*-23.87*	
		For >200, Deduct	*-35.15*	
07 52 13 13-0011	SQ	160 Mil, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Torch-Applied	247.43	
		For Up To 10, Add	*59.88*	
		For >10 To 20, Add	*32.54*	
		For >20 To 40, Add	*17.57*	
		For >75 To 100, Deduct	*-8.79*	
		For >100 To 200, Deduct	*-18.87*	
		For >200, Deduct	*-27.66*	
		For Factory Applied White Reflective Surfacing, Add	*105.13*	
07 52 13 13-0012	SQ	170 Mil, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Torch-Applied	261.98	
		For Up To 10, Add	*62.79*	
		For >10 To 20, Add	*34.00*	
		For >20 To 40, Add	*18.30*	
		For >75 To 100, Deduct	*-9.15*	
		For >100 To 200, Deduct	*-19.60*	
		For >200, Deduct	*-28.75*	
		For Factory Applied White Reflective Surfacing, Add	*105.13*	
07 52 13 13-0013	SQ	160 Mil, Fire Rated, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Torch-Applied	297.68	
		For Up To 10, Add	*69.93*	
		For >10 To 20, Add	*37.57*	
		For >20 To 40, Add	*20.08*	
		For >75 To 100, Deduct	*-10.04*	
		For >100 To 200, Deduct	*-21.38*	
		For >200, Deduct	*-31.42*	
		For Factory Applied White Reflective Surfacing, Add	*105.13*	
07 52 13 13-0014	SQ	170 Mil, Fire Rated, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Torch-Applied	302.03	
		For Up To 10, Add	*70.80*	
		For >10 To 20, Add	*38.00*	
		For >20 To 40, Add	*20.30*	
		For >75 To 100, Deduct	*-10.15*	
		For >100 To 200, Deduct	*-21.60*	
		For >200, Deduct	*-31.75*	
		For Factory Applied White Reflective Surfacing, Add	*105.13*	
07 52 13 13-0015	SQ	180 Mil, Fire Rated, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Torch-Applied	423.98	
		For Up To 10, Add	*95.19*	
		For >10 To 20, Add	*50.20*	
		For >20 To 40, Add	*26.40*	
		For >75 To 100, Deduct	*-13.20*	
		For >100 To 200, Deduct	*-27.70*	
		For >200, Deduct	*-40.90*	
		For Factory Applied White Reflective Surfacing, Add	*105.13*	

07 52 13 13-0016 Torch-Applied, Atactic-Polypropylene (APP) Modified Bitumen Roofing Flashing *(07 52 13 13-0001)*

07 52 13 13-0017	SF	150 Mil, Smooth Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Flashing, Torch-Applied	3.42	
07 52 13 13-0018	SF	160 Mil, Smooth Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Flashing, Torch-Applied	3.57	
07 52 13 13-0019	SF	180 Mil, Smooth Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Flashing, Torch-Applied	4.51	
07 52 13 13-0020	SF	170 Mil, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Flashing, Torch-Applied	3.66	
		For Factory Applied White Reflective Surfacing, Add	*1.05*	
07 52 13 13-0021	SF	170 Mil, Fire Rated, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Flashing, Torch-Applied	4.06	
		For Factory Applied White Reflective Surfacing, Add	*1.05*	
07 52 13 13-0022	SF	180 Mil, Fire Rated, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Flashing, Torch-Applied	5.28	
		For Factory Applied White Reflective Surfacing, Add	*1.05*	

07 52 13 14 Mechanically Fastened Atactic-Polypropylene-Modified Bituminous Membrane Roofing *(07 52 13)*

07 52 13 14-0001 Mechanically Fastened Atactic-Polypropylene (APP) Modified Bituminous Membrane Roofing *(07 52 13 14)*

Note: Includes fiberglass and/or polyester reinforcement. Includes fasteners.

07 52 13 14-0002 Mechanically Fastened, Atactic-Polypropylene (APP) Modified Bitumen Roofing Base And Ply Sheets *(07 52 13 14-0001)*

07 52 13 14-0003	SQ	90 Mil, Atactic-Polypropylene (APP) Modified Bitumen Base Or Ply Sheet, Mechanically Fastened	228.02	
		For Up To 10, Add	*49.07*	
		For >10 To 20, Add	*25.40*	
		For >20 To 40, Add	*13.13*	
		For >75 To 100, Deduct	*-6.57*	
		For >100 To 200, Deduct	*-13.56*	
		For >200, Deduct	*-20.13*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

07 52 16 Styrene-Butadiene-Styrene Modified Bituminous Membrane Roofing *(07 52)*

Note: Includes all standard manufacturers' colors including white for granule and smooth surfaced cap sheets and flashing. See CSI section 07 51 13 00-0001 for additional components such as concrete primers, cant strips, surfacing, walkway boards, demolition and warranties.

07 52 16 11 Cold Adhesive Applied Styrene-Butadiene-Styrene Modified Bituminous Membrane Roofing *(07 52 16)*

07 52 16 11-0001 Cold Adhesive Applied Styrene-Butadiene-Styrene (SBS) Modified Bituminous Membrane Roofing *(07 52 16 11)*

Note: Includes fiberglass and/or polyester reinforcement. Includes applying cold adhesive and embedding the membrane. Includes heat welding side and end laps when required.

07 52 16 11-0002 Cold Adhesive Applied, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Roofing Base, Ply And Cap Sheets *(07 52 16 11-0001)*

07 52 16 11-0003	SQ	50 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Cold Adhesive Applied	165.90	
		For Up To 10, Add	*40.11*	
		For >10 To 20, Add	*21.79*	
		For >20 To 40, Add	*11.76*	
		For >75 To 100, Deduct	*-5.88*	
		For >100 To 200, Deduct	*-12.63*	
		For >200, Deduct	*-18.51*	
07 52 16 11-0004	SQ	80 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Cold Adhesive Applied	217.93	
		For Up To 10, Add	*50.52*	
		For >10 To 20, Add	*26.99*	
		For >20 To 40, Add	*14.36*	
		For >75 To 100, Deduct	*-7.18*	
		For >100 To 200, Deduct	*-15.23*	
		For >200, Deduct	*-22.41*	
07 52 16 11-0005	SQ	90 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Cold Adhesive Applied	224.64	
		For Up To 10, Add	*51.86*	
		For >10 To 20, Add	*27.66*	
		For >20 To 40, Add	*14.70*	
		For >75 To 100, Deduct	*-7.35*	
		For >100 To 200, Deduct	*-15.56*	
		For >200, Deduct	*-22.91*	
07 52 16 11-0006	SQ	120 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Or Ply Sheet, Cold Adhesive Applied	307.64	
		For Up To 10, Add	*68.46*	
		For >10 To 20, Add	*35.96*	
		For >20 To 40, Add	*18.85*	
		For >75 To 100, Deduct	*-9.42*	
		For >100 To 200, Deduct	*-19.71*	
		For >200, Deduct	*-29.14*	
07 52 16 11-0007	SQ	125 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Ply Sheet, Cold Adhesive Applied	391.64	
		For Up To 10, Add	*85.26*	
		For >10 To 20, Add	*44.36*	
		For >20 To 40, Add	*23.05*	
		For >75 To 100, Deduct	*-11.52*	
		For >100 To 200, Deduct	*-23.91*	
		For >200, Deduct	*-35.44*	
07 52 16 11-0008	SQ	140 Mil, Smooth Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied	325.31	
		For Up To 10, Add	*72.65*	
		For >10 To 20, Add	*38.22*	
		For >20 To 40, Add	*20.06*	
		For >75 To 100, Deduct	*-10.03*	
		For >100 To 200, Deduct	*-21.01*	
		For >200, Deduct	*-31.04*	
07 52 16 11-0009	SQ	150 Mil, Smooth Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied	334.34	
		For Up To 10, Add	*74.46*	
		For >10 To 20, Add	*39.13*	
		For >20 To 40, Add	*20.51*	
		For >75 To 100, Deduct	*-10.26*	
		For >100 To 200, Deduct	*-21.46*	
		For >200, Deduct	*-31.72*	
07 52 16 11-0010	SQ	125 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied	292.04	
		For Up To 10, Add	*66.00*	
		For >10 To 20, Add	*34.90*	
		For >20 To 40, Add	*18.40*	
		For >75 To 100, Deduct	*-9.20*	
		For >100 To 200, Deduct	*-19.35*	
		For >200, Deduct	*-28.54*	
		For Factory Applied White Reflective Surfacing, Add	*105.13*	
07 52 16 11-0011	SQ	140 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied	295.94	
		For Up To 10, Add	*66.78*	
		For >10 To 20, Add	*35.29*	
		For >20 To 40, Add	*18.59*	
		For >75 To 100, Deduct	*-9.30*	
		For >100 To 200, Deduct	*-19.54*	
		For >200, Deduct	*-28.84*	
		For Factory Applied White Reflective Surfacing, Add	*105.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 52 16 11-0012	SQ	150 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied	331.94	
		For Up To 10, Add	*73.98*	
		For >10 To 20, Add	*38.89*	
		For >20 To 40, Add	*20.39*	
		For >75 To 100, Deduct	*-10.20*	
		For >100 To 200, Deduct	*-21.34*	
		For >200, Deduct	*-31.54*	
		For Factory Applied White Reflective Surfacing, Add	*105.13*	
07 52 16 11-0013	SQ	160 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied	337.94	
		For Up To 10, Add	*75.18*	
		For >10 To 20, Add	*39.49*	
		For >20 To 40, Add	*20.69*	
		For >75 To 100, Deduct	*-10.35*	
		For >100 To 200, Deduct	*-21.64*	
		For >200, Deduct	*-31.99*	
		For Factory Applied White Reflective Surfacing, Add	*105.13*	
07 52 16 11-0014	SQ	170 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied	390.44	
		For Up To 10, Add	*85.68*	
		For >10 To 20, Add	*44.74*	
		For >20 To 40, Add	*23.32*	
		For >75 To 100, Deduct	*-11.66*	
		For >100 To 200, Deduct	*-24.27*	
		For >200, Deduct	*-35.92*	
		For Factory Applied White Reflective Surfacing, Add	*105.13*	
07 52 16 11-0015	SQ	180 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied	486.08	
		For Up To 10, Add	*104.81*	
		For >10 To 20, Add	*54.30*	
		For >20 To 40, Add	*28.10*	
		For >75 To 100, Deduct	*-14.05*	
		For >100 To 200, Deduct	*-29.05*	
		For >200, Deduct	*-43.10*	
		For Factory Applied White Reflective Surfacing, Add	*105.13*	
07 52 16 11-0016	SQ	125 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied	298.55	
		For Up To 10, Add	*67.30*	
		For >10 To 20, Add	*35.55*	
		For >20 To 40, Add	*18.72*	
		For >75 To 100, Deduct	*-9.36*	
		For >100 To 200, Deduct	*-19.67*	
		For >200, Deduct	*-29.03*	
		For Factory Applied White Reflective Surfacing, Add	*105.13*	
07 52 16 11-0017	SQ	140 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied	307.94	
		For Up To 10, Add	*69.18*	
		For >10 To 20, Add	*36.49*	
		For >20 To 40, Add	*19.19*	
		For >75 To 100, Deduct	*-9.60*	
		For >100 To 200, Deduct	*-20.14*	
		For >200, Deduct	*-29.74*	
		For Factory Applied White Reflective Surfacing, Add	*105.13*	
07 52 16 11-0018	SQ	150 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied	358.94	
		For Up To 10, Add	*79.38*	
		For >10 To 20, Add	*41.59*	
		For >20 To 40, Add	*21.74*	
		For >75 To 100, Deduct	*-10.87*	
		For >100 To 200, Deduct	*-22.69*	
		For >200, Deduct	*-33.56*	
		For Factory Applied White Reflective Surfacing, Add	*105.13*	
07 52 16 11-0019	SQ	160 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied	360.14	
		For Up To 10, Add	*79.62*	
		For >10 To 20, Add	*41.71*	
		For >20 To 40, Add	*21.80*	
		For >75 To 100, Deduct	*-10.90*	
		For >100 To 200, Deduct	*-22.75*	
		For >200, Deduct	*-33.65*	
		For Factory Applied White Reflective Surfacing, Add	*105.13*	
07 52 16 11-0020	SQ	170 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied	382.94	
		For Up To 10, Add	*84.18*	
		For >10 To 20, Add	*43.99*	
		For >20 To 40, Add	*22.94*	
		For >75 To 100, Deduct	*-11.47*	
		For >100 To 200, Deduct	*-23.89*	
		For >200, Deduct	*-35.36*	
		For Factory Applied White Reflective Surfacing, Add	*105.13*	

07 52 16 11-0021 Cold Adhesive Applied, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Roofing Flashing *(07 52 16 11-0001)*

07 52 16 11-0022	SF	150 Mil, Smooth Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied	5.06	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 52 16 11-0023	SF	125 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied	4.64	
		For Factory Applied White Reflective Surfacing, Add	*1.05*	
07 52 16 11-0024	SF	140 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied	4.68	
		For Factory Applied White Reflective Surfacing, Add	*1.05*	
07 52 16 11-0025	SF	160 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied	5.10	
		For Factory Applied White Reflective Surfacing, Add	*1.05*	
07 52 16 11-0026	SF	170 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied	5.62	
		For Factory Applied White Reflective Surfacing, Add	*1.05*	
07 52 16 11-0027	SF	180 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied	6.58	
		For Factory Applied White Reflective Surfacing, Add	*1.05*	
07 52 16 11-0028	SF	125 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied	4.71	
		For Factory Applied White Reflective Surfacing, Add	*1.05*	
07 52 16 11-0029	SF	140 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied	4.80	
		For Factory Applied White Reflective Surfacing, Add	*1.05*	
07 52 16 11-0030	SF	160 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied	5.32	
		For Factory Applied White Reflective Surfacing, Add	*1.05*	
07 52 16 11-0031	SF	170 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied	5.55	
		For Factory Applied White Reflective Surfacing, Add	*1.05*	
07 52 16 11-0032	SF	145 Mil, Aluminum Foil Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied	7.42	
07 52 16 11-0033	SF	160 Mil, Copper Foil Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied	14.16	

07 52 16 12 Hot-Mopped Styrene-Butadiene-Styrene Modified Bituminous Membrane Roofing *(07 52 16)*

07 52 16 12-0001 Hot-Mopped Styrene-Butadiene-Styrene (SBS) Modified Bituminous Membrane Roofing *(07 52 16 12)*

Note: Includes fiberglass and/or polyester reinforcement. Includes mopping hot asphalt and embedding the membrane.

07 52 16 12-0002 Hot-Mopped, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Roofing Base, Ply And Cap Sheets *(07 52 16 12-0001)*

07 52 16 12-0003	SQ	50 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Hot-Mopped	135.25
		For Up To 10, Add	*34.10*
		For >10 To 20, Add	*18.81*
		For >20 To 40, Add	*10.29*
		For >75 To 100, Deduct	*-5.14*
		For >100 To 200, Deduct	*-11.17*
		For >200, Deduct	*-16.31*
07 52 16 12-0004	SQ	80 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Hot-Mopped	187.29
		For Up To 10, Add	*44.51*
		For >10 To 20, Add	*24.02*
		For >20 To 40, Add	*12.89*
		For >75 To 100, Deduct	*-6.45*
		For >100 To 200, Deduct	*-13.77*
		For >200, Deduct	*-20.22*
07 52 16 12-0005	SQ	90 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Hot-Mopped	194.00
		For Up To 10, Add	*45.85*
		For >10 To 20, Add	*24.69*
		For >20 To 40, Add	*13.23*
		For >75 To 100, Deduct	*-6.61*
		For >100 To 200, Deduct	*-14.11*
		For >200, Deduct	*-20.72*
07 52 16 12-0006	SQ	120 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Or Ply Sheet, Hot-Mopped	277.00
		For Up To 10, Add	*62.45*
		For >10 To 20, Add	*32.99*
		For >20 To 40, Add	*17.38*
		For >75 To 100, Deduct	*-8.69*
		For >100 To 200, Deduct	*-18.26*
		For >200, Deduct	*-26.95*
07 52 16 12-0007	SQ	125 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Ply Sheet, Hot-Mopped	361.00
		For Up To 10, Add	*79.25*
		For >10 To 20, Add	*41.39*
		For >20 To 40, Add	*21.58*
		For >75 To 100, Deduct	*-10.79*
		For >100 To 200, Deduct	*-22.46*
		For >200, Deduct	*-33.25*
07 52 16 12-0008	SQ	140 Mil, Smooth Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped	294.73
		For Up To 10, Add	*66.67*
		For >10 To 20, Add	*35.27*
		For >20 To 40, Add	*18.60*
		For >75 To 100, Deduct	*-9.30*
		For >100 To 200, Deduct	*-19.56*
		For >200, Deduct	*-28.86*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 52 16 12-0009	SQ	150 Mil, Smooth Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped	303.76	
		For Up To 10, Add	*68.48*	
		For >10 To 20, Add	*36.17*	
		For >20 To 40, Add	*19.05*	
		For >75 To 100, Deduct	*-9.53*	
		For >100 To 200, Deduct	*-20.02*	
		For >200, Deduct	*-29.54*	
07 52 16 12-0010	SQ	125 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped	261.46	
		For Up To 10, Add	*60.02*	
		For >10 To 20, Add	*31.94*	
		For >20 To 40, Add	*16.94*	
		For >75 To 100, Deduct	*-8.47*	
		For >100 To 200, Deduct	*-17.90*	
		For >200, Deduct	*-26.37*	
		For Factory Applied White Reflective Surfacing, Add	*105.13*	
07 52 16 12-0011	SQ	140 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped	265.36	
		For Up To 10, Add	*60.80*	
		For >10 To 20, Add	*32.33*	
		For >20 To 40, Add	*17.13*	
		For >75 To 100, Deduct	*-8.57*	
		For >100 To 200, Deduct	*-18.10*	
		For >200, Deduct	*-26.66*	
		For Factory Applied White Reflective Surfacing, Add	*105.13*	
07 52 16 12-0012	SQ	150 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped	301.36	
		For Up To 10, Add	*68.00*	
		For >10 To 20, Add	*35.93*	
		For >20 To 40, Add	*18.93*	
		For >75 To 100, Deduct	*-9.47*	
		For >100 To 200, Deduct	*-19.90*	
		For >200, Deduct	*-29.36*	
		For Factory Applied White Reflective Surfacing, Add	*105.13*	
07 52 16 12-0013	SQ	160 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped	307.36	
		For Up To 10, Add	*69.20*	
		For >10 To 20, Add	*36.53*	
		For >20 To 40, Add	*19.23*	
		For >75 To 100, Deduct	*-9.62*	
		For >100 To 200, Deduct	*-20.20*	
		For >200, Deduct	*-29.81*	
		For Factory Applied White Reflective Surfacing, Add	*105.13*	
07 52 16 12-0014	SQ	170 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped	359.86	
		For Up To 10, Add	*79.70*	
		For >10 To 20, Add	*41.78*	
		For >20 To 40, Add	*21.86*	
		For >75 To 100, Deduct	*-10.93*	
		For >100 To 200, Deduct	*-22.82*	
		For >200, Deduct	*-33.75*	
		For Factory Applied White Reflective Surfacing, Add	*105.13*	
07 52 16 12-0015	SQ	180 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped	455.49	
		For Up To 10, Add	*98.82*	
		For >10 To 20, Add	*51.34*	
		For >20 To 40, Add	*26.64*	
		For >75 To 100, Deduct	*-13.32*	
		For >100 To 200, Deduct	*-27.60*	
		For >200, Deduct	*-40.92*	
		For Factory Applied White Reflective Surfacing, Add	*105.13*	
07 52 16 12-0016	SQ	125 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped	267.97	
		For Up To 10, Add	*61.32*	
		For >10 To 20, Add	*32.59*	
		For >20 To 40, Add	*17.26*	
		For >75 To 100, Deduct	*-8.63*	
		For >100 To 200, Deduct	*-18.23*	
		For >200, Deduct	*-26.86*	
		For Factory Applied White Reflective Surfacing, Add	*105.13*	
07 52 16 12-0017	SQ	140 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped	277.36	
		For Up To 10, Add	*63.20*	
		For >10 To 20, Add	*33.53*	
		For >20 To 40, Add	*17.73*	
		For >75 To 100, Deduct	*-8.87*	
		For >100 To 200, Deduct	*-18.70*	
		For >200, Deduct	*-27.56*	
		For Factory Applied White Reflective Surfacing, Add	*105.13*	
07 52 16 12-0018	SQ	150 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped	328.36	
		For Up To 10, Add	*73.40*	
		For >10 To 20, Add	*38.63*	
		For >20 To 40, Add	*20.28*	
		For >75 To 100, Deduct	*-10.14*	
		For >100 To 200, Deduct	*-21.25*	
		For >200, Deduct	*-31.39*	
		For Factory Applied White Reflective Surfacing, Add	*105.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 52 16 12-0019	SQ	160 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped	329.56	
		For Up To 10, Add	*73.64*	
		For >10 To 20, Add	*38.75*	
		For >20 To 40, Add	*20.34*	
		For >75 To 100, Deduct	*-10.17*	
		For >100 To 200, Deduct	*-21.31*	
		For >200, Deduct	*-31.48*	
		For Factory Applied White Reflective Surfacing, Add	*105.13*	
07 52 16 12-0020	SQ	170 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped	352.36	
		For Up To 10, Add	*78.20*	
		For >10 To 20, Add	*41.03*	
		For >20 To 40, Add	*21.48*	
		For >75 To 100, Deduct	*-10.74*	
		For >100 To 200, Deduct	*-22.45*	
		For >200, Deduct	*-33.19*	
		For Factory Applied White Reflective Surfacing, Add	*105.13*	

07 52 16 12-0021 Hot-Mopped, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Roofing Flashing *(07 52 16 12-0001)*

07 52 16 12-0022	SF	150 Mil, Smooth Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped	4.85	
07 52 16 12-0023	SF	125 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped	4.43	
		For Factory Applied White Reflective Surfacing, Add	*1.05*	
07 52 16 12-0024	SF	140 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped	4.46	
		For Factory Applied White Reflective Surfacing, Add	*1.05*	
07 52 16 12-0025	SF	150 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped	4.82	
		For Factory Applied White Reflective Surfacing, Add	*1.05*	
07 52 16 12-0026	SF	160 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped	4.88	
		For Factory Applied White Reflective Surfacing, Add	*1.05*	
07 52 16 12-0027	SF	170 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped	5.41	
		For Factory Applied White Reflective Surfacing, Add	*1.05*	
07 52 16 12-0028	SF	180 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped	6.37	
		For Factory Applied White Reflective Surfacing, Add	*1.05*	
07 52 16 12-0029	SF	125 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped	4.49	
		For Factory Applied White Reflective Surfacing, Add	*1.05*	
07 52 16 12-0030	SF	140 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped	4.58	
		For Factory Applied White Reflective Surfacing, Add	*1.05*	
07 52 16 12-0031	SF	160 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped	5.01	
		For Factory Applied White Reflective Surfacing, Add	*1.05*	
07 52 16 12-0032	SF	170 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped	5.33	
		For Factory Applied White Reflective Surfacing, Add	*1.05*	
07 52 16 12-0033	SF	145 Mil, Aluminum Foil Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped	7.20	
07 52 16 12-0034	SF	160 Mil, Copper Foil Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped	13.94	

07 52 16 13 Torch-Applied Styrene-Butadiene-Styrene Modified Bituminous Membrane Roofing *(07 52 16)*

07 52 16 13-0001 Torch-Applied Styrene-Butadiene-Styrene (SBS) Modified Bituminous Membrane Roofing *(07 52 16 13)*

Note: Includes fiberglass and/or polyester reinforcement. Includes adhering the membrane with a torch.

07 52 16 13-0002 Torch-Applied, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Roofing Base, Ply And Cap Sheets *(07 52 16 13-0001)*

07 52 16 13-0003	SQ	120 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Or Ply Sheet, Torch-Applied	279.98	
		For Up To 10, Add	*66.39*	
		For >10 To 20, Add	*35.80*	
		For >20 To 40, Add	*19.20*	
		For >75 To 100, Deduct	*-9.60*	
		For >100 To 200, Deduct	*-20.50*	
		For >200, Deduct	*-30.10*	
07 52 16 13-0004	SQ	150 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Torch-Applied	250.88	
		For Up To 10, Add	*60.57*	
		For >10 To 20, Add	*32.89*	
		For >20 To 40, Add	*17.74*	
		For >75 To 100, Deduct	*-8.87*	
		For >100 To 200, Deduct	*-19.04*	
		For >200, Deduct	*-27.91*	
		For Factory Applied White Reflective Surfacing, Add	*105.13*	
07 52 16 13-0005	SQ	160 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Torch-Applied	285.08	
		For Up To 10, Add	*67.41*	
		For >10 To 20, Add	*36.31*	
		For >20 To 40, Add	*19.45*	
		For >75 To 100, Deduct	*-9.73*	
		For >100 To 200, Deduct	*-20.75*	
		For >200, Deduct	*-30.48*	
		For Factory Applied White Reflective Surfacing, Add	*105.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 52 16 13-0006	SQ	180 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Torch-Applied	440.12	
		For Up To 10, Add	*98.42*	
		For >10 To 20, Add	*51.81*	
		For >20 To 40, Add	*27.21*	
		For >75 To 100, Deduct	*-13.60*	
		For >100 To 200, Deduct	*-28.50*	
		For >200, Deduct	*-42.11*	
		For Factory Applied White Reflective Surfacing, Add	*105.13*	
07 52 16 13-0007	SQ	150 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Torch-Applied	260.66	
		For Up To 10, Add	*62.53*	
		For >10 To 20, Add	*33.86*	
		For >20 To 40, Add	*18.23*	
		For >75 To 100, Deduct	*-9.12*	
		For >100 To 200, Deduct	*-19.53*	
		For >200, Deduct	*-28.65*	
		For Factory Applied White Reflective Surfacing, Add	*105.13*	
07 52 16 13-0008	SQ	160 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Torch-Applied	300.98	
		For Up To 10, Add	*70.59*	
		For >10 To 20, Add	*37.90*	
		For >20 To 40, Add	*20.25*	
		For >75 To 100, Deduct	*-10.12*	
		For >100 To 200, Deduct	*-21.55*	
		For >200, Deduct	*-31.67*	
		For Factory Applied White Reflective Surfacing, Add	*105.13*	
07 52 16 13-0009	SQ	165 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Torch-Applied	313.89	
		For Up To 10, Add	*73.36*	
		For >10 To 20, Add	*39.32*	
		For >20 To 40, Add	*20.98*	
		For >75 To 100, Deduct	*-10.49*	
		For >100 To 200, Deduct	*-22.31*	
		For >200, Deduct	*-32.80*	
		For Factory Applied White Reflective Surfacing, Add	*105.13*	
07 52 16 13-0010	SQ	180 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Torch-Applied	408.00	
		For Up To 10, Add	*92.18*	
		For >10 To 20, Add	*48.74*	
		For >20 To 40, Add	*25.69*	
		For >75 To 100, Deduct	*-12.85*	
		For >100 To 200, Deduct	*-27.01*	
		For >200, Deduct	*-39.86*	
		For Factory Applied White Reflective Surfacing, Add	*105.13*	

07 52 16 13-0011 Torch-Applied, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Roofing Flashing *(07 52 16 13-0001)*

07 52 16 13-0012	SF	150 Mil, Smooth Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Torch-Applied	3.92	
07 52 16 13-0013	SF	150 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Torch-Applied	3.90	
		For Factory Applied White Reflective Surfacing, Add	*1.05*	
07 52 16 13-0014	SF	180 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Torch-Applied	5.44	
		For Factory Applied White Reflective Surfacing, Add	*1.05*	
07 52 16 13-0015	SF	160 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Torch-Applied	4.09	
		For Factory Applied White Reflective Surfacing, Add	*1.05*	
07 52 16 13-0016	SF	165 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Torch-Applied	4.17	
		For Factory Applied White Reflective Surfacing, Add	*1.05*	
07 52 16 13-0017	SF	180 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Torch-Applied	5.12	
		For Factory Applied White Reflective Surfacing, Add	*1.05*	
07 52 16 13-0018	SF	150 Mil, Aluminum Foil Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Torch-Applied	5.32	
07 52 16 13-0019	SF	160 Mil, Copper Foil Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Torch-Applied	13.02	

07 52 16 14 Mechanically Fastened Styrene-Butadiene-Styrene Modified Bituminous Membrane Roofing *(07 52 16)*

07 52 16 14-0001 Mechanically Fastened Styrene-Butadiene-Styrene (SBS) Modified Bituminous Membrane Roofing *(07 52 16 14)*

Note: Includes fiberglass and/or polyester reinforcement. Includes fasteners.

07 52 16 14-0002 Mechanically Fastened, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Roofing Base And Ply Sheets *(07 52 16 14-0001)*

07 52 16 14-0003	SQ	35 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Ply Sheet, Mechanically Fastened	176.32	
		For Up To 10, Add	*38.73*	
		For >10 To 20, Add	*20.23*	
		For >20 To 40, Add	*10.55*	
		For >75 To 100, Deduct	*-5.27*	
		For >100 To 200, Deduct	*-10.98*	
		For >200, Deduct	*-16.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 52 16 14-0004	SQ	50 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Mechanically Fastened	135.27	
		For Up To 10, Add	*30.52*	
		For >10 To 20, Add	*16.12*	
		For >20 To 40, Add	*8.49*	
		For >75 To 100, Deduct	*-4.25*	
		For >100 To 200, Deduct	*-8.93*	
		For >200, Deduct	*-13.17*	
07 52 16 14-0005	SQ	80 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Mechanically Fastened	175.68	
		For Up To 10, Add	*38.60*	
		For >10 To 20, Add	*20.16*	
		For >20 To 40, Add	*10.52*	
		For >75 To 100, Deduct	*-5.26*	
		For >100 To 200, Deduct	*-10.95*	
		For >200, Deduct	*-16.21*	
07 52 16 14-0006	SQ	90 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Mechanically Fastened	220.32	
		For Up To 10, Add	*47.53*	
		For >10 To 20, Add	*24.63*	
		For >20 To 40, Add	*12.75*	
		For >75 To 100, Deduct	*-6.37*	
		For >100 To 200, Deduct	*-13.18*	
		For >200, Deduct	*-19.55*	
07 52 16 14-0007	SQ	120 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Or Ply Sheet, Mechanically Fastened	277.02	
		For Up To 10, Add	*58.87*	
		For >10 To 20, Add	*30.30*	
		For >20 To 40, Add	*15.58*	
		For >75 To 100, Deduct	*-7.79*	
		For >100 To 200, Deduct	*-16.01*	
		For >200, Deduct	*-23.81*	

07 52 16 14-0008 Mechanically Fastened, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Roofing Flashing *(07 52 16 14-0001)*

07 52 16 14-0009	SF	150 Mil, Smooth Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Mechanically Fastened	3.40	
07 52 16 14-0010	SF	160 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Mechanically Fastened	3.48	

07 52 16 15 Self-Adhering Styrene-Butadiene-Styrene Modified Bituminous Membrane Roofing *(07 52 16)*

07 52 16 15-0001 Self-Adhering Styrene-Butadiene-Styrene (SBS) Modified Bituminous Membrane Roofing *(07 52 16 15)*

Note: Includes fiberglass and/or polyester reinforcement. Includes removing the release film(s) from the membrane and applying the membrane.

07 52 16 15-0002 Self-Adhering, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Roofing Base, Ply And Cap Sheets *(07 52 16 15-0001)*

07 52 16 15-0003	SQ	60 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Self-Adhering	140.69	
		For Up To 10, Add	*32.30*	
		For >10 To 20, Add	*17.19*	
		For >20 To 40, Add	*9.11*	
		For >75 To 100, Deduct	*-4.56*	
		For >100 To 200, Deduct	*-9.63*	
		For >200, Deduct	*-14.19*	
07 52 16 15-0004	SQ	70 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Self-Adhering	149.20	
		For Up To 10, Add	*34.00*	
		For >10 To 20, Add	*18.04*	
		For >20 To 40, Add	*9.54*	
		For >75 To 100, Deduct	*-4.77*	
		For >100 To 200, Deduct	*-10.06*	
		For >200, Deduct	*-14.83*	
07 52 16 15-0005	SQ	120 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Self-Adhering	252.98	
		For Up To 10, Add	*55.07*	
		For >10 To 20, Add	*28.65*	
		For >20 To 40, Add	*14.88*	
		For >75 To 100, Deduct	*-7.44*	
		For >100 To 200, Deduct	*-15.44*	
		For >200, Deduct	*-22.88*	
07 52 16 15-0006	SQ	150 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Self-Adhering	302.84	
		For Up To 10, Add	*65.04*	
		For >10 To 20, Add	*33.64*	
		For >20 To 40, Add	*17.38*	
		For >75 To 100, Deduct	*-8.69*	
		For >100 To 200, Deduct	*-17.94*	
		For >200, Deduct	*-26.62*	
		For Factory Applied White Reflective Surfacing, Add	*105.13*	
07 52 16 15-0007	SQ	160 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Self-Adhering	449.84	
		For Up To 10, Add	*94.44*	
		For >10 To 20, Add	*48.34*	
		For >20 To 40, Add	*24.73*	
		For >75 To 100, Deduct	*-12.36*	
		For >100 To 200, Deduct	*-25.29*	
		For >200, Deduct	*-37.65*	
		For Factory Applied White Reflective Surfacing, Add	*105.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 52 16 15-0008		Self-Adhering, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Roofing Flashing *(07 52 16 15-0001)*		
07 52 16 15-0009	SF	70 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Self-Adhering	3.88	
07 52 16 15-0010	SF	150 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Self-Adhering	4.36	
		For Factory Applied White Reflective Surfacing, Add	*1.05*	
07 52 16 15-0011	SF	160 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Self-Adhering	5.83	
		For Factory Applied White Reflective Surfacing, Add	*1.05*	

07 53 Elastomeric Membrane Roofing *(07 50)*

Note: Includes 10 year warranty. All warranties are no dollar limit to include material, equipment and labor. Excludes concrete primer, insulation, slip sheets, wood nailers, cant strips, coping removal and reinstallation, gravel stop, walkway pads and drainage devices. See CSI section 07 26 13 00-0000 for wood deck building paper.

07 53 16 Chlorosulfonate-Polyethylene Roofing *(07 53)*

07 53 16 00-0001		Chlorosulfonated Polyethylene-Hypalon (CSPE) Roofing Membranes *(07 53 16)* Note: Includes hot air welding or adhesive bonding of seams.		
07 53 16 00-0002	SQ	45 Mil, Single Ply Chlorosulfonated Polyethylene-Hypalon (CSPE) Roofing Membrane, Fully Adhered Note: Includes adhesive.	603.09	83.18
		For Up To 10, Add	*153.89*	
		For >10 To 20, Add	*85.26*	
		For >20 To 40, Add	*46.79*	
		For >75 To 100, Deduct	*-23.40*	
		For >100 To 200, Deduct	*-50.95*	
		For >200, Deduct	*-74.34*	
		For 15 Year Warranty, Add	*3.00*	
07 53 16 00-0003	SQ	45 Mil, Single Ply Chlorosulfonated Polyethylene-Hypalon (CSPE) Roofing Membrane, Ballasted Note: Includes ballast.	468.84	41.59
		For Up To 10, Add	*110.40*	
		For >10 To 20, Add	*59.36*	
		For >20 To 40, Add	*31.76*	
		For >75 To 100, Deduct	*-15.88*	
		For >100 To 200, Deduct	*-33.84*	
		For >200, Deduct	*-49.72*	
		For 15 Year Warranty, Add	*3.00*	
07 53 16 00-0004	SQ	45 Mil, Single Ply Chlorosulfonated Polyethylene-Hypalon (CSPE) Roofing Membrane, Mechanically Fastened Note: Includes fasteners.	494.64	62.39
		For Up To 10, Add	*123.88*	
		For >10 To 20, Add	*68.18*	
		For >20 To 40, Add	*37.21*	
		For >75 To 100, Deduct	*-18.60*	
		For >100 To 200, Deduct	*-40.33*	
		For >200, Deduct	*-58.93*	
		For 15 Year Warranty, Add	*3.00*	
		For Mechanically Fastened To Concrete Decks, Add	*31.19*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	*32.47*	

07 53 23 Ethylene-Propylene-Diene-Monomer Roofing *(07 53)*

07 53 23 00-0001		Ethylene Propylene Diene Monomer (EPDM) Roofing Membranes *(07 53 23)* Note: Includes splicing of seams using adhesive or seam tape. Black ethylene propylene diene monomer (EPDM).		
07 53 23 00-0002	SQ	45 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Ballasted Note: Includes ballast.	315.67	41.59
		For Up To 10, Add	*79.77*	
		For >10 To 20, Add	*44.04*	
		For >20 To 40, Add	*24.10*	
		For >75 To 100, Deduct	*-12.05*	
		For >100 To 200, Deduct	*-26.18*	
		For >200, Deduct	*-38.23*	
		For 15 Year Warranty, Add	*3.00*	
		For Low Slope Fire Rated, Add	*8.45*	
		For Reinforced Ethylene Propylene Diene Monomer (EPDM), Add	*32.63*	
07 53 23 00-0003	SQ	60 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Ballasted Note: Includes ballast.	413.75	44.19
		For Up To 10, Add	*100.43*	
		For >10 To 20, Add	*54.63*	
		For >20 To 40, Add	*29.53*	
		For >75 To 100, Deduct	*-14.76*	
		For >100 To 200, Deduct	*-31.74*	
		For >200, Deduct	*-46.50*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*7.00*	
		For 25 Year Warranty, Add	*9.00*	
		For Low Slope Fire Rated, Add	*8.45*	
		For Reinforced Ethylene Propylene Diene Monomer (EPDM), Add	*32.63*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 53 23 00-0004	SQ	90 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Ballasted Note: Includes ballast.	565.13	46.79
		For Up To 10, Add	*131.74*	
		For >10 To 20, Add	*70.55*	
		For >20 To 40, Add	*37.61*	
		For >75 To 100, Deduct	*-18.81*	
		For >100 To 200, Deduct	*-39.95*	
		For >200, Deduct	*-58.76*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*7.00*	
		For 25 Year Warranty, Add	*9.00*	
		For Low Slope Fire Rated, Add	*8.45*	
07 53 23 00-0005	SQ	45 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Partially Adhered (40%) Note: Includes adhesive and fasteners.	377.09	62.39
		For Up To 10, Add	*100.37*	
		For >10 To 20, Add	*56.42*	
		For >20 To 40, Add	*31.33*	
		For >75 To 100, Deduct	*-15.67*	
		For >100 To 200, Deduct	*-34.45*	
		For >200, Deduct	*-50.12*	
		For 15 Year Warranty, Add	*3.00*	
		For Low Slope Fire Rated, Add	*8.45*	
		For Low VOC Adhesive, Add	*22.05*	
		For Reinforced Ethylene Propylene Diene Monomer (EPDM), Add	*32.63*	
		For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add	*80.60*	
		For Integral Polyester Fleece-Backing, Add	*107.95*	
07 53 23 00-0006	SQ	60 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Partially Adhered (40%) Note: Includes adhesive and fasteners.	475.17	64.98
		For Up To 10, Add	*121.03*	
		For >10 To 20, Add	*67.01*	
		For >20 To 40, Add	*36.76*	
		For >75 To 100, Deduct	*-18.38*	
		For >100 To 200, Deduct	*-40.00*	
		For >200, Deduct	*-58.38*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*7.00*	
		For 25 Year Warranty, Add	*9.00*	
		For Low Slope Fire Rated, Add	*8.45*	
		For Low VOC Adhesive, Add	*22.05*	
		For Reinforced Ethylene Propylene Diene Monomer (EPDM), Add	*32.63*	
		For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add	*80.60*	
		For Integral Polyester Fleece-Backing, Add	*120.34*	
07 53 23 00-0007	SQ	90 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Partially Adhered (40%) Note: Includes adhesive and fasteners.	626.55	67.58
		For Up To 10, Add	*152.34*	
		For >10 To 20, Add	*82.93*	
		For >20 To 40, Add	*44.84*	
		For >75 To 100, Deduct	*-22.42*	
		For >100 To 200, Deduct	*-48.22*	
		For >200, Deduct	*-70.65*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*7.00*	
		For 25 Year Warranty, Add	*9.00*	
		For Low Slope Fire Rated, Add	*8.45*	
		For Low VOC Adhesive, Add	*22.05*	
		For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add	*80.60*	
		For Integral Polyester Fleece-Backing, Add	*133.85*	
07 53 23 00-0008	SQ	45 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Fully Adhered Note: Includes adhesive and fasteners.	496.84	83.18
		For Up To 10, Add	*132.64*	
		For >10 To 20, Add	*74.64*	
		For >20 To 40, Add	*41.48*	
		For >75 To 100, Deduct	*-20.74*	
		For >100 To 200, Deduct	*-45.64*	
		For >200, Deduct	*-66.38*	
		For 15 Year Warranty, Add	*3.00*	
		For Low Slope Fire Rated, Add	*8.45*	
		For Reinforced Ethylene Propylene Diene Monomer (EPDM), Add	*32.63*	
		For Low VOC Adhesive, Add	*55.11*	
		For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add	*80.60*	
		For Integral Polyester Fleece-Backing, Add	*107.95*	
07 53 23 00-0009	SQ	60 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Fully Adhered Note: Includes adhesive and fasteners.	594.93	85.78
		For Up To 10, Add	*153.30*	
		For >10 To 20, Add	*85.23*	
		For >20 To 40, Add	*46.90*	
		For >75 To 100, Deduct	*-23.45*	
		For >100 To 200, Deduct	*-51.19*	
		For >200, Deduct	*-74.64*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*7.00*	
		For 25 Year Warranty, Add	*9.00*	
		For Low Slope Fire Rated, Add	*8.45*	
		For Reinforced Ethylene Propylene Diene Monomer (EPDM), Add	*32.63*	
		For Low VOC Adhesive, Add	*55.11*	
		For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add	*80.60*	
		For Integral Polyester Fleece-Backing, Add	*120.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 53 23 00-0010	SQ	90 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Fully Adhered Note: Includes adhesive and fasteners.	746.31	88.38
		For Up To 10, Add	*184.61*	
		For >10 To 20, Add	*101.15*	
		For >20 To 40, Add	*54.99*	
		For >75 To 100, Deduct	*-27.50*	
		For >100 To 200, Deduct	*-59.41*	
		For >200, Deduct	*-86.91*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*7.00*	
		For 25 Year Warranty, Add	*9.00*	
		For Low Slope Fire Rated, Add	*8.45*	
		For Low VOC Adhesive, Add	*55.11*	
		For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add	*80.60*	
		For Integral Polyester Fleece-Backing, Add	*133.85*	
07 53 23 00-0011	SQ	45 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Mechanically Fastened Note: Includes fasteners.	341.23	62.39
		For Up To 10, Add	*93.20*	
		For >10 To 20, Add	*52.84*	
		For >20 To 40, Add	*29.54*	
		For >75 To 100, Deduct	*-14.77*	
		For >100 To 200, Deduct	*-32.66*	
		For >200, Deduct	*-47.43*	
		For 15 Year Warranty, Add	*3.00*	
		For Low Slope Fire Rated, Add	*8.45*	
		For Reinforced Ethylene Propylene Diene Monomer (EPDM), Add	*32.63*	
		For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add	*80.60*	
		For Mechanically Fastened To Concrete Decks, Add	*31.19*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	*32.47*	
07 53 23 00-0012	SQ	60 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Mechanically Fastened Note: Includes fasteners.	439.31	64.98
		For Up To 10, Add	*113.86*	
		For >10 To 20, Add	*63.43*	
		For >20 To 40, Add	*34.96*	
		For >75 To 100, Deduct	*-17.48*	
		For >100 To 200, Deduct	*-38.21*	
		For >200, Deduct	*-55.69*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*7.00*	
		For 25 Year Warranty, Add	*9.00*	
		For Low Slope Fire Rated, Add	*8.45*	
		For Reinforced Ethylene Propylene Diene Monomer (EPDM), Add	*32.63*	
		For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add	*80.60*	
		For Mechanically Fastened To Concrete Decks, Add	*32.49*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	*33.77*	
07 53 23 00-0013	SQ	90 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Mechanically Fastened Note: Includes fasteners.	590.69	67.58
		For Up To 10, Add	*145.17*	
		For >10 To 20, Add	*79.34*	
		For >20 To 40, Add	*43.05*	
		For >75 To 100, Deduct	*-21.53*	
		For >100 To 200, Deduct	*-46.43*	
		For >200, Deduct	*-67.96*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*7.00*	
		For 25 Year Warranty, Add	*9.00*	
		For Low Slope Fire Rated, Add	*8.45*	
		For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add	*80.60*	
		For Mechanically Fastened To Concrete Decks, Add	*33.79*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	*35.07*	

07 53 23 00-0014 Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane Accessories *(07 53 23)*

07 53 23 00-0015	SQ	Acrylic, Ethylene Propylene Diene Monomer (EPDM) Roofing Primer, Price Per Coat	70.22	
		For Up To 10, Add	*18.20*	
		For >10 To 20, Add	*10.14*	
		For >20 To 40, Add	*5.59*	
		For >75 To 100, Deduct	*-2.80*	
		For >100 To 200, Deduct	*-6.11*	
		For >200, Deduct	*-8.91*	
07 53 23 00-0016	SQ	Acrylic Elastomeric, Surface Or Base Coating For Ethylene Propylene Diene Monomer (EPDM) Roofing, Price Per Coat Note: 55% solids by volume.	72.69	
		For Up To 10, Add	*18.70*	
		For >10 To 20, Add	*10.39*	
		For >20 To 40, Add	*5.71*	
		For >75 To 100, Deduct	*-2.86*	
		For >100 To 200, Deduct	*-6.23*	
		For >200, Deduct	*-9.09*	
07 53 23 00-0017	EA	Up To 4" Pipe Diameter, Prefabricated Ethylene Propylene Diene Monomer (EPDM) Pipe Cone/Boot Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.	43.75	9.88
07 53 23 00-0018	EA	>4" To 8" Pipe Diameter, Prefabricated Ethylene Propylene Diene Monomer (EPDM) Pipe Cone/Boot Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.	63.25	9.88
07 53 23 00-0019	EA	>8" To 13" Pipe Diameter, Prefabricated Ethylene Propylene Diene Monomer (EPDM) Pipe Cone/Boot Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.	119.53	9.88

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 53 23 00-0020	EA	6" Diameter, Prefabricated Ethylene Propylene Diene Monomer (EPDM) Penetration Pocket Note: Includes attaching the pocket to the membrane, sealing around the penetration and filling the pocket with pourable sealer.	158.85	10.92
07 53 23 00-0021	LF	30" Wide, Ethylene Propylene Diene Monomer (EPDM) Walkway Protection Pad Note: Includes factory installed peel and stick adhesive tape.	34.25	6.03
07 53 23 00-0022	SF	Ethylene Propylene Diene Monomer (EPDM) Membrane Base Flashing	6.44	1.56
07 53 23 00-0023	SF	Ethylene Propylene Diene Monomer (EPDM) Membrane Curb Flashing	8.00	2.34

07 53 29 Polyisobutylene Roofing *(07 53)*

07 53 29 00-0001 Polyisobutylene (PIB) Roofing Membranes *(07 53 29)*

Note: Includes integral polyester fleece-backing. Includes splicing of seams using adhesive or seam tape.

07 53 29 00-0002	SQ	100 Mil, Single Ply PIB Roofing Membrane, Ballasted Note: Includes ballast.	514.54	46.79
		For Up To 10, Add	*121.62*	
		For >10 To 20, Add	*65.49*	
		For >20 To 40, Add	*35.09*	
		For >75 To 100, Deduct	*-17.54*	
		For >100 To 200, Deduct	*-37.42*	
		For >200, Deduct	*-54.97*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*7.00*	
		For 25 Year Warranty, Add	*9.00*	
07 53 29 00-0003	SQ	100 Mil, Single Ply PIB Roofing Membrane, Partially Adhered (40%) Note: Includes adhesive.	572.39	67.58
		For Up To 10, Add	*141.51*	
		For >10 To 20, Add	*77.51*	
		For >20 To 40, Add	*42.14*	
		For >75 To 100, Deduct	*-21.07*	
		For >100 To 200, Deduct	*-45.52*	
		For >200, Deduct	*-66.58*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*7.00*	
		For 25 Year Warranty, Add	*9.00*	
07 53 29 00-0004	SQ	100 Mil, Single Ply PIB Roofing Membrane, Fully Adhered Note: Includes adhesive.	686.78	88.38
		For Up To 10, Add	*172.71*	
		For >10 To 20, Add	*95.19*	
		For >20 To 40, Add	*52.02*	
		For >75 To 100, Deduct	*-26.01*	
		For >100 To 200, Deduct	*-56.43*	
		For >200, Deduct	*-82.44*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*7.00*	
		For 25 Year Warranty, Add	*9.00*	

07 54 Thermoplastic Membrane Roofing *(07 50)*

Note: Includes 10 year warranty. All warranties are no dollar limit to include material, equipment and labor. Excludes concrete primer, insulation, slip sheets, wood nailers, cant strips, coping removal and reinstallation, gravel stop, walkway pads and drainage devices. See CSI section 07 26 13 00-0000 for wood deck building paper.

07 54 19 Polyvinyl-Chloride Roofing *(07 54)*

07 54 19 00-0001 Reinforced Polyvinyl Chloride (RPVC) Roofing Membranes *(07 54 19)*

Note: Includes polyester fabric reinforcement and hot air welding of seams. RPVC membranes meet or exceed all of the requirements of ASTM D4434 Type III.

07 54 19 00-0002	SQ	48 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Ballasted Note: Includes ballast.	194.68	41.59
		For Up To 10, Add	*55.57*	
		For >10 To 20, Add	*31.95*	
		For >20 To 40, Add	*18.05*	
		For >75 To 100, Deduct	*-9.03*	
		For >100 To 200, Deduct	*-20.13*	
		For >200, Deduct	*-29.16*	
		For 15 Year Warranty, Add	*3.00*	
		For Colors, Add	*26.00*	
		For Integral Polyester Fleece-Backing, Add	*27.13*	
07 54 19 00-0003	SQ	60 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Ballasted Note: Includes ballast.	214.07	44.19
		For Up To 10, Add	*60.49*	
		For >10 To 20, Add	*34.66*	
		For >20 To 40, Add	*19.54*	
		For >75 To 100, Deduct	*-9.77*	
		For >100 To 200, Deduct	*-21.75*	
		For >200, Deduct	*-31.52*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*7.00*	
		For 25 Year Warranty, Add	*9.00*	
		For Colors, Add	*26.00*	
		For Integral Polyester Fleece-Backing, Add	*27.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 54 19 00-0004	SQ	72 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Ballasted	234.80	45.49
		Note: Includes ballast.		
		For Up To 10, Add	*65.16*	
		For >10 To 20, Add	*37.13*	
		For >20 To 40, Add	*20.84*	
		For >75 To 100, Deduct	*-10.42*	
		For >100 To 200, Deduct	*-23.11*	
		For >200, Deduct	*-33.53*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*7.00*	
		For 25 Year Warranty, Add	*9.00*	
		For Colors, Add	*26.00*	
		For Integral Polyester Fleece-Backing, Add	*27.13*	
07 54 19 00-0005	SQ	80 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Ballasted	245.29	46.79
		Note: Includes ballast.		
		For Up To 10, Add	*67.77*	
		For >10 To 20, Add	*38.57*	
		For >20 To 40, Add	*21.62*	
		For >75 To 100, Deduct	*-10.81*	
		For >100 To 200, Deduct	*-23.96*	
		For >200, Deduct	*-34.77*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*7.00*	
		For 25 Year Warranty, Add	*9.00*	
		For Colors, Add	*26.00*	
		For Integral Polyester Fleece-Backing, Add	*27.13*	
07 54 19 00-0006	SQ	48 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Fully Adhered	406.34	83.18
		Note: Includes adhesive.		
		For Up To 10, Add	*114.54*	
		For >10 To 20, Add	*65.59*	
		For >20 To 40, Add	*36.95*	
		For >75 To 100, Deduct	*-18.48*	
		For >100 To 200, Deduct	*-41.11*	
		For >200, Deduct	*-59.59*	
		For 15 Year Warranty, Add	*3.00*	
		For Colors, Add	*26.00*	
		For Low VOC Adhesive, Add	*87.43*	
		For Integral Polyester Fleece-Backing, Add	*27.13*	
07 54 19 00-0007	SQ	60 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Fully Adhered	425.73	85.78
		Note: Includes adhesive.		
		For Up To 10, Add	*119.46*	
		For >10 To 20, Add	*68.31*	
		For >20 To 40, Add	*38.44*	
		For >75 To 100, Deduct	*-19.22*	
		For >100 To 200, Deduct	*-42.73*	
		For >200, Deduct	*-61.95*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*7.00*	
		For 25 Year Warranty, Add	*9.00*	
		For Colors, Add	*26.00*	
		For Low VOC Adhesive, Add	*87.43*	
		For Integral Polyester Fleece-Backing, Add	*27.13*	
07 54 19 00-0008	SQ	72 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Fully Adhered	446.46	87.08
		Note: Includes adhesive.		
		For Up To 10, Add	*124.12*	
		For >10 To 20, Add	*70.77*	
		For >20 To 40, Add	*39.74*	
		For >75 To 100, Deduct	*-19.87*	
		For >100 To 200, Deduct	*-44.09*	
		For >200, Deduct	*-63.96*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*7.00*	
		For 25 Year Warranty, Add	*9.00*	
		For Colors, Add	*26.00*	
		For Low VOC Adhesive, Add	*87.43*	
		For Integral Polyester Fleece-Backing, Add	*27.13*	
07 54 19 00-0009	SQ	80 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Fully Adhered	456.94	88.38
		Note: Includes adhesive.		
		For Up To 10, Add	*126.74*	
		For >10 To 20, Add	*72.21*	
		For >20 To 40, Add	*40.52*	
		For >75 To 100, Deduct	*-20.26*	
		For >100 To 200, Deduct	*-44.94*	
		For >200, Deduct	*-65.20*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*7.00*	
		For 25 Year Warranty, Add	*9.00*	
		For Colors, Add	*26.00*	
		For Low VOC Adhesive, Add	*87.43*	
		For Integral Polyester Fleece-Backing, Add	*27.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 54 19 00-0010	SQ	48 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Mechanically Fastened Note: Includes fasteners.	212.24	62.39
		For Up To 10, Add	*67.40*	
		For >10 To 20, Add	*39.94*	
		For >20 To 40, Add	*23.09*	
		For >75 To 100, Deduct	*-11.54*	
		For >100 To 200, Deduct	*-26.21*	
		For >200, Deduct	*-37.75*	
		For 15 Year Warranty, Add	*3.00*	
		For Colors, Add	*26.00*	
		For Integral Polyester Fleece-Backing, Add	*27.13*	
		For Mechanically Fastened To Concrete Decks, Add	*31.19*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	*32.47*	
07 54 19 00-0011	SQ	60 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Mechanically Fastened Note: Includes fasteners.	231.63	64.98
		For Up To 10, Add	*72.32*	
		For >10 To 20, Add	*42.66*	
		For >20 To 40, Add	*24.58*	
		For >75 To 100, Deduct	*-12.29*	
		For >100 To 200, Deduct	*-27.83*	
		For >200, Deduct	*-40.12*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*7.00*	
		For 25 Year Warranty, Add	*9.00*	
		For Colors, Add	*26.00*	
		For Integral Polyester Fleece-Backing, Add	*27.13*	
		For Mechanically Fastened To Concrete Decks, Add	*32.49*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	*33.77*	
07 54 19 00-0012	SQ	72 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Mechanically Fastened Note: Includes fasteners.	252.36	66.28
		For Up To 10, Add	*76.99*	
		For >10 To 20, Add	*45.12*	
		For >20 To 40, Add	*25.88*	
		For >75 To 100, Deduct	*-12.94*	
		For >100 To 200, Deduct	*-29.19*	
		For >200, Deduct	*-42.13*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*7.00*	
		For 25 Year Warranty, Add	*9.00*	
		For Colors, Add	*26.00*	
		For Integral Polyester Fleece-Backing, Add	*27.13*	
		For Mechanically Fastened To Concrete Decks, Add	*33.14*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	*34.42*	
07 54 19 00-0013	SQ	80 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Mechanically Fastened Note: Includes fasteners.	262.84	67.58
		For Up To 10, Add	*79.60*	
		For >10 To 20, Add	*46.56*	
		For >20 To 40, Add	*26.66*	
		For >75 To 100, Deduct	*-13.33*	
		For >100 To 200, Deduct	*-30.04*	
		For >200, Deduct	*-43.37*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*7.00*	
		For 25 Year Warranty, Add	*9.00*	
		For Colors, Add	*26.00*	
		For Integral Polyester Fleece-Backing, Add	*27.13*	
		For Mechanically Fastened To Concrete Decks, Add	*33.79*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	*35.07*	

07 54 19 00-0014 Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane Accessories *(07 54 19)*

07 54 19 00-0015	SQ	Acrylic, Polyvinyl Chloride (PVC) Roofing Cleaner/Primer, Price Per Coat	70.22	
		For Up To 10, Add	*18.20*	
		For >10 To 20, Add	*10.14*	
		For >20 To 40, Add	*5.59*	
		For >75 To 100, Deduct	*-2.80*	
		For >100 To 200, Deduct	*-6.11*	
		For >200, Deduct	*-8.91*	
07 54 19 00-0016	SQ	Acrylic Elastomeric, Surface Or Base Coating For Polyvinyl Chloride (PVC) Roofing, Price Per Coat Note: 55% solids by volume.	72.69	
		For Up To 10, Add	*18.70*	
		For >10 To 20, Add	*10.39*	
		For >20 To 40, Add	*5.71*	
		For >75 To 100, Deduct	*-2.86*	
		For >100 To 200, Deduct	*-6.23*	
		For >200, Deduct	*-9.09*	
07 54 19 00-0017	EA	Up To 3" Pipe Diameter, Prefabricated Polyvinyl Chloride (PVC) Pipe Cone/Boot Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.	73.61	8.84
07 54 19 00-0018	EA	>3" To 7" Pipe Diameter, Prefabricated Polyvinyl Chloride (PVC) Pipe Cone/Boot Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.	103.71	9.88
07 54 19 00-0019	EA	>7" To 12" Pipe Diameter, Prefabricated Polyvinyl Chloride (PVC) Pipe Cone/Boot Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.	132.92	10.92
07 54 19 00-0020	EA	6" Diameter, Prefabricated Polyvinyl Chloride (PVC) Penetration Pocket Note: Includes attaching the pocket to the membrane, sealing around the penetration and filling the pocket with pourable sealer.	169.54	10.92
07 54 19 00-0021	LF	36" Wide, Polyvinyl Chloride (PVC) Walkway Protection Pad	29.21	6.03
07 54 19 00-0022	SF	Polyvinyl Chloride (PVC) Membrane Base Flashing	7.71	1.56

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 54 19 00-0023	SF	Polyvinyl Chloride (PVC) Membrane Curb Flashing	9.27	2.34
07 54 19 00-0024	SF	Polyvinyl Chloride (PVC) Clad Edge Metal Or Base Flashing	10.51	1.56
		Note: 20 Mil polyvinyl chloride (PVC) membrane laminated to 24 gauge galvanized steel.		

07 54 23 Thermoplastic-Polyolefin Roofing *(07 54)*

07 54 23 00-0001 Thermoplastic Polyolefin (TPO) Roofing Membranes *(07 54 23)*

Note: Includes polyester fabric reinforcement and hot air welding of seams.

07 54 23 00-0002	SQ	45 Mil, Single Ply TPO Roofing Membrane, Fully Adhered	449.54	83.18
		Note: Includes adhesive.		
		For Up To 10, Add	*123.18*	
		For >10 To 20, Add	*69.91*	
		For >20 To 40, Add	*39.11*	
		For >75 To 100, Deduct	*-19.56*	
		For >100 To 200, Deduct	*-43.27*	
		For >200, Deduct	*-62.83*	
		For 15 Year Warranty, Add	*3.00*	
		For Low VOC Adhesive, Add	*55.11*	
		For Integral Polyester Fleece-Backing, Add	*33.25*	
07 54 23 00-0003	SQ	60 Mil, Single Ply TPO Roofing Membrane, Fully Adhered	482.30	85.78
		Note: Includes adhesive.		
		For Up To 10, Add	*130.77*	
		For >10 To 20, Add	*73.96*	
		For >20 To 40, Add	*41.27*	
		For >75 To 100, Deduct	*-20.64*	
		For >100 To 200, Deduct	*-45.56*	
		For >200, Deduct	*-66.20*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*7.00*	
		For 25 Year Warranty, Add	*9.00*	
		For Low VOC Adhesive, Add	*55.11*	
		For Integral Polyester Fleece-Backing, Add	*33.25*	
07 54 23 00-0004	SQ	80 Mil, Single Ply TPO Roofing Membrane, Fully Adhered	629.14	88.38
		Note: Includes adhesive.		
		For Up To 10, Add	*161.18*	
		For >10 To 20, Add	*89.43*	
		For >20 To 40, Add	*49.13*	
		For >75 To 100, Deduct	*-24.57*	
		For >100 To 200, Deduct	*-53.55*	
		For >200, Deduct	*-78.12*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*7.00*	
		For 25 Year Warranty, Add	*9.00*	
		For Low VOC Adhesive, Add	*55.11*	
		For Integral Polyester Fleece-Backing, Add	*33.25*	
07 54 23 00-0005	SQ	45 Mil, Single Ply TPO Roofing Membrane, Mechanically Fastened	296.77	62.39
		Note: Includes fasteners.		
		For Up To 10, Add	*84.31*	
		For >10 To 20, Add	*48.39*	
		For >20 To 40, Add	*27.32*	
		For >75 To 100, Deduct	*-13.66*	
		For >100 To 200, Deduct	*-30.43*	
		For >200, Deduct	*-44.09*	
		For 15 Year Warranty, Add	*3.00*	
		For Integral Polyester Fleece-Backing, Add	*33.25*	
		For Mechanically Fastened To Concrete Decks, Add	*31.19*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	*32.47*	
07 54 23 00-0006	SQ	60 Mil, Single Ply TPO Roofing Membrane, Mechanically Fastened	329.54	64.98
		Note: Includes fasteners.		
		For Up To 10, Add	*91.90*	
		For >10 To 20, Add	*52.45*	
		For >20 To 40, Add	*29.47*	
		For >75 To 100, Deduct	*-14.74*	
		For >100 To 200, Deduct	*-32.72*	
		For >200, Deduct	*-47.46*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*7.00*	
		For 25 Year Warranty, Add	*9.00*	
		For Integral Polyester Fleece-Backing, Add	*33.25*	
		For Mechanically Fastened To Concrete Decks, Add	*32.49*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	*33.77*	
07 54 23 00-0007	SQ	80 Mil, Single Ply TPO Roofing Membrane, Mechanically Fastened	476.38	67.58
		Note: Includes fasteners.		
		For Up To 10, Add	*122.31*	
		For >10 To 20, Add	*67.91*	
		For >20 To 40, Add	*37.34*	
		For >75 To 100, Deduct	*-18.67*	
		For >100 To 200, Deduct	*-40.72*	
		For >200, Deduct	*-59.38*	
		For 15 Year Warranty, Add	*3.00*	
		For 20 Year Warranty, Add	*7.00*	
		For 25 Year Warranty, Add	*9.00*	
		For Integral Polyester Fleece-Backing, Add	*33.25*	
		For Mechanically Fastened To Concrete Decks, Add	*33.79*	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	*35.07*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 54 23 00-0008		Thermoplastic Polyolefin (TPO) Roofing Membrane Accessories *(07 54 23)*		
07 54 23 00-0009	SQ	Acrylic, Thermoplastic Polyolefin (TPO) Roofing Primer, Price Per Coat	83.80	
		For Up To 10, Add	*20.92*	
		For >10 To 20, Add	*11.50*	
		For >20 To 40, Add	*6.27*	
		For >75 To 100, Deduct	*-3.14*	
		For >100 To 200, Deduct	*-6.79*	
		For >200, Deduct	*-9.93*	
07 54 23 00-0010	SQ	Acrylic Elastomeric, Surface Or Base Coating For TPO Roofing, Price Per Coat Note: 55% solids by volume.	72.69	
		For Up To 10, Add	*18.70*	
		For >10 To 20, Add	*10.39*	
		For >20 To 40, Add	*5.71*	
		For >75 To 100, Deduct	*-2.86*	
		For >100 To 200, Deduct	*-6.23*	
		For >200, Deduct	*-9.09*	
		For Tan Or Gray Color, Add	*2.59*	
07 54 23 00-0011	EA	Up To 3" Pipe Diameter, Prefabricated Thermoplastic Polyolefin Pipe Cone/Boot Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.	63.23	8.84
07 54 23 00-0012	EA	>3" To 8" Pipe Diameter, Prefabricated Thermoplastic Polyolefin Pipe Cone/Boot Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.	68.20	9.88
07 54 23 00-0013	EA	6" Diameter, Prefabricated TPO Penetration Pocket Note: Includes attaching the pocket to the membrane, sealing around the penetration and filling the pocket with pourable sealer.	126.31	10.92
07 54 23 00-0014	LF	30" Wide, TPO Walkway Protection Pad	28.84	6.03
07 54 23 00-0015	SF	Thermoplastic Polyolefin Membrane Base Flashing	8.07	1.56
07 54 23 00-0016	SF	Thermoplastic Polyolefin Curb Flashing	6.81	1.56
		For Tan Or Gray Color, Add	*0.11*	
07 54 23 00-0017	SF	Thermoplastic Polyolefin Clad Edge Metal Or Base Flashing Note: 20 Mil TPO membrane laminated to 24 gauge galvanized steel.	11.94	1.56

07 56 Fluid-Applied Roofing *(07 50)*

07 56 00 00-0001 Neoprene Hypalon Liquid Roofing, 5 Coats *(07 56)*

07 56 00 00-0002	SQ	60 Mil 5 Coat Spray-on Neoprene Hypalon Liquid Roofing	1,002.87	138.15
		For Each Additional Coat, Add	*150.43*	

07 56 00 00-0003 Vinyl Spray Liquid Roofing *(07 56)*

07 56 00 00-0004	SQ	2 Mil Vinyl Liquid Roofing	1,215.65	145.59
07 56 00 00-0005	SQ	4 Mil Vinyl Liquid Roofing	1,360.50	162.59

07 56 00 00-0006 Silicone Elastomeric Liquid Roofing *(07 56)*

07 56 00 00-0007	SQ	65% Solids, Silicone Elastomeric Spray-on Roofing, 3 Coats, 16 Mil Per Coat	440.69	83.42
07 56 00 00-0008	SQ	65% Solids, Silicone Elastomeric Rolled-on Roofing, 3 Coats, 16 Mil Per Coat	521.53	83.42
07 56 00 00-0009	SQ	65% Solids, Silicone Elastomeric Brushed-on Roofing, 3 Coats, 16 Mil Per Coat	582.35	83.42

07 56 00 00-0010 Elastomeric Asphalt/Urethane Liquid Roofing Membrane *(07 56)*

07 56 00 00-0011	SQ	90 Mil, Elastomeric Asphalt/Urethane Liquid Roofing Membrane Note: Includes applying a 30 mil base coat, rolling in a stichbonded polyester reinforcing scrim and applying a 60 mil second coat.	1,794.01	83.42

07 56 00 00-0012 Urethane Liquid Roofing Membrane *(07 56)*

Note: Garland White Knight Energy Star single component urethane restoration system. 10 year warranty. Used for restoration of membrane, built up, metal and modified roofing systems.

07 56 00 00-0013	SQ	Ulti-Mat™ 38" Non-Woven Fiberglass Reinforcing Membrane For White-Knight Systems	97.26	
07 56 00 00-0014	LF	Ulti-Mat™ 6" Non-Woven Fiberglass Reinforcing Membrane For White-Knight Systems	4.98	
07 56 00 00-0015	SQ	White-Knight® Premium Multi-Purpose Urethane Restoration Reflective Coating For Metal, Membrane, BUR, Single-Ply (2 GAL/SQ)	371.57	
07 56 00 00-0016	SQ	White-Knight® Metal Primer One Component Metal Primer For Placement Under The White-Knight System	95.15	
07 56 00 00-0017	SQ	White-Knight® Plus High Strength, Multi-Purpose Urethane Restoration Coating For Metal, Membrane, BUR, Single-Ply	919.70	
07 56 00 00-0018	SQ	White-Knight® Plus Base Coat High Strength, Multi-Purpose Urethane Restoration Coating For Metal, Membrane, BUR, Single-Ply	1,392.42	
07 56 00 00-0019	SQ	White-Knight® Plus WC High Strength, Multi-Purpose, VOC Compliant, Urethane Restoration Coating For Metal, Membrane, BUR, Single-Ply	951.55	
07 56 00 00-0020	SQ	White-Star Premium, White Polyurea Restoration Adhesive For Mineral And Smooth Modified And BUR (2 GAL/SQ)	243.96	

07 57 Coated Foamed Roofing *(07 50)*

07 57 13 Sprayed Polyurethane Foam Roofing *(07 57)*

Note: Includes power washing. Excludes ballast removal and priming metal surfaces. Excludes walkways.

07 57 13 00-0001 Sprayed Polyurethane Foam Roofing Systems *(07 57 13)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 57 13 00-0002		Sprayed Polyurethane Foam Roofing Systems With Acrylic Elastomeric Coating *(07 57 13 00-0001)*		
07 57 13 00-0003		Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating *(07 57 13 00-0002)*		
		Note: Includes UL 790 fire rated 2.8 LB density polyurethane foam roofing system with acrylic elastomeric coating. Includes 5 year warranty.		
07 57 13 00-0004	SQ	1" Thick, R6.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating	360.79	50.84
07 57 13 00-0005	SQ	1-1/2" Thick, R9.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating	434.99	54.47
07 57 13 00-0006	SQ	2" Thick, R13.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating	509.20	58.11
07 57 13 00-0007	SQ	2-1/2" Thick, R16.25, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating	590.91	61.74
07 57 13 00-0008	SQ	3" Thick, R19.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating	672.60	65.37
07 57 13 00-0009	SQ	3-1/2" Thick, R22.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating	739.31	69.00
07 57 13 00-0010	SQ	4" Thick, R26.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating	806.02	72.63
07 57 13 00-0011	SQ	4-1/2" Thick, R29.25, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating	880.24	76.26
07 57 13 00-0012	SQ	5" Thick, R32.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating	954.44	79.89
07 57 13 00-0013	SQ	5-1/2" Thick, R35.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating	1,028.64	83.53
07 57 13 00-0014	SQ	6" Thick, R39.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating	1,102.84	87.15
07 57 13 00-0015		Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating *(07 57 13 00-0002)*		
		Note: Includes UL 790 fire rated 2.8 LB density polyurethane foam roofing system with acrylic elastomeric coating. Includes 10 year warranty.		
07 57 13 00-0016	SQ	1" Thick, R6.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating	372.46	50.84
07 57 13 00-0017	SQ	1-1/2" Thick, R9.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating	446.66	54.47
07 57 13 00-0018	SQ	2" Thick, R13.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating	520.86	58.11
07 57 13 00-0019	SQ	2-1/2" Thick, R16.25, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating	595.07	61.74
07 57 13 00-0020	SQ	3" Thick, R19.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating	669.27	65.37
07 57 13 00-0021	SQ	3-1/2" Thick, R22.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating	743.47	69.00
07 57 13 00-0022	SQ	4" Thick, R26.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating	817.69	72.63
07 57 13 00-0023	SQ	4-1/2" Thick, R29.25, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating	891.90	76.26
07 57 13 00-0024	SQ	5" Thick, R32.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating	966.10	79.89
07 57 13 00-0025	SQ	5-1/2" Thick, R35.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating	1,040.30	83.53
07 57 13 00-0026	SQ	6" Thick, R39.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating	1,114.50	87.15
07 57 13 00-0027		Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating *(07 57 13 00-0002)*		
		Note: Includes UL 790 fire rated 2.8 LB density polyurethane foam roofing system with acrylic elastomeric coating. Includes 15 year warranty.		
07 57 13 00-0028	SQ	1" Thick, R6.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating	400.78	50.84
07 57 13 00-0029	SQ	1-1/2" Thick, R9.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating	472.48	54.47
07 57 13 00-0030	SQ	2" Thick, R13.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating	544.18	58.11
07 57 13 00-0031	SQ	2-1/2" Thick, R16.25, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating	618.40	61.74
07 57 13 00-0032	SQ	3" Thick, R19.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating	692.60	65.37
07 57 13 00-0033	SQ	3-1/2" Thick, R22.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating	797.96	69.00
07 57 13 00-0034	SQ	4" Thick, R26.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating	903.32	72.63
07 57 13 00-0035	SQ	4-1/2" Thick, R29.25, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating	983.87	76.26
07 57 13 00-0036	SQ	5" Thick, R32.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating	1,064.40	79.89

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 57 13 00-0037	SQ	5-1/2" Thick, R35.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating	1,144.93	83.53
07 57 13 00-0038	SQ	6" Thick, R39.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating	1,225.47	87.15

07 57 13 00-0039 Sprayed Polyurethane Foam Roofing Systems With Silicone Elastomeric Coating *(07 57 13 00-0001)*

07 57 13 00-0040 Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating *(07 57 13 00-0039)*

Note: Includes UL 790 fire rated 2.8 LB density polyurethane foam roofing system with 65% solids silicone elastomeric coating. Includes 5 year warranty.

07 57 13 00-0041	SQ	1" Thick, R6.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating	409.11	50.84
07 57 13 00-0042	SQ	1-1/2" Thick, R9.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating	489.64	54.47
07 57 13 00-0043	SQ	2" Thick, R13.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating	570.18	58.11
07 57 13 00-0044	SQ	2-1/2" Thick, R16.25, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating	650.72	61.74
07 57 13 00-0045	SQ	3" Thick, R19.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating	731.25	65.37
07 57 13 00-0046	SQ	3-1/2" Thick, R22.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating	811.78	69.00
07 57 13 00-0047	SQ	4" Thick, R26.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating	892.33	72.63
07 57 13 00-0048	SQ	4-1/2" Thick, R29.25, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating	972.87	76.26
07 57 13 00-0049	SQ	5" Thick, R32.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating	1,053.40	79.89
07 57 13 00-0050	SQ	5-1/2" Thick, R35.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating	1,133.94	83.53
07 57 13 00-0051	SQ	6" Thick, R39.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating	1,214.47	87.15

07 57 13 00-0052 Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating *(07 57 13 00-0039)*

Note: Includes UL 790 fire rated 2.8 LB density polyurethane foam roofing system with 65% solids silicone elastomeric coating. Includes 10 year warranty.

07 57 13 00-0053	SQ	1" Thick, R6.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating	425.60	50.84
07 57 13 00-0054	SQ	1-1/2" Thick, R9.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating	506.14	54.47
07 57 13 00-0055	SQ	2" Thick, R13.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating	586.67	58.11
07 57 13 00-0056	SQ	2-1/2" Thick, R16.25, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating	667.21	61.74
07 57 13 00-0057	SQ	3" Thick, R19.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating	747.75	65.37
07 57 13 00-0058	SQ	3-1/2" Thick, R22.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating	828.28	69.00
07 57 13 00-0059	SQ	4" Thick, R26.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating	908.82	72.63
07 57 13 00-0060	SQ	4-1/2" Thick, R29.25, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating	989.36	76.26
07 57 13 00-0061	SQ	5" Thick, R32.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating	1,069.90	79.89
07 57 13 00-0062	SQ	5-1/2" Thick, R35.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating	1,150.43	83.53
07 57 13 00-0063	SQ	6" Thick, R39.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating	1,230.96	87.15

07 57 13 00-0064 Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating *(07 57 13 00-0039)*

Note: Includes UL 790 fire rated 2.8 LB density polyurethane foam roofing system with 65% solids silicone elastomeric coating. Includes 15 year warranty.

07 57 13 00-0065	SQ	1" Thick, R6.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating	438.43	50.84
07 57 13 00-0066	SQ	1-1/2" Thick, R9.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating	518.97	54.47
07 57 13 00-0067	SQ	2" Thick, R13.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating	599.50	58.11
07 57 13 00-0068	SQ	2-1/2" Thick, R16.25, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating	680.04	61.74
07 57 13 00-0069	SQ	3" Thick, R19.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating	760.57	65.37
07 57 13 00-0070	SQ	3-1/2" Thick, R22.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating	841.11	69.00
07 57 13 00-0071	SQ	4" Thick, R26.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating	921.65	72.63

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 57 13 00-0072	SQ	4-1/2" Thick, R29.25, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating	1,002.19	76.26
07 57 13 00-0073	SQ	5" Thick, R32.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating	1,082.73	79.89
07 57 13 00-0074	SQ	5-1/2" Thick, R35.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating	1,163.26	83.53
07 57 13 00-0075	SQ	6" Thick, R39.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating	1,243.79	87.15

07 58 Roll Roofing *(07 50)*

07 58 00 00-0001 Prepared Roll Roofing *(07 58)*

Note: Fastened with roofing nails and roofing cement. Includes fasteners and adhesive. Excludes warranty. See CSI section 07 51 13 00-0033 for underlayment.

07 58 00 00-0002	SQ	Granule Surfaced, 90 LB, Asphalt Saturated Organic Felt Roll Roofing	249.57	32.49

07 59 Membrane Roofing Termination Bar *(07 50)*

07 59 00 00-0001 Membrane Roofing Termination Bar *(07 59)*

07 59 00 00-0002	LF	Membrane Roofing Termination Bar Note: Includes fasteners and caulking.	4.83	1.49

07 60 Flashing and Sheet Metal *(07)*

07 61 Sheet Metal Roofing *(07 60)*

07 61 13 Standing Seam Sheet Metal Roofing *(07 61)*

07 61 13 00-0001 Standing Seam Concealed Fastener Roofing *(07 61 13)*

07 61 13 00-0002 Copper Standing Seam Concealed Fastener Roofing *(07 61 13 00-0001)*

07 61 13 00-0003	SF	Architectural 16 Ounce Copper Standing Seam Concealed Fastener Roofing	36.55	3.35
		For Steep Roof, Over 6 To 12, Add	*2.00*	
		For 140 MPH Wind Load, Add	*1.27*	
		For Panels <16" Wide, Add	*3.06*	
		For Up To 1,500, Add	*9.14*	
		For >1,500 To 5,000, Add	*5.48*	
		For >5,000 To 10,000, Add	*0.91*	
07 61 13 00-0004	SF	Architectural 18 Ounce Copper Standing Seam Concealed Fastener Roofing	40.03	3.63
		For Steep Roof, Over 6 To 12, Add	*2.17*	
		For 140 MPH Wind Load, Add	*1.38*	
		For Panels <16" Wide, Add	*3.34*	
		For Up To 1,500, Add	*10.01*	
		For >1,500 To 5,000, Add	*6.00*	
		For >5,000 To 10,000, Add	*1.00*	
07 61 13 00-0005	SF	Architectural 20 Ounce Copper Standing Seam Concealed Fastener Roofing	47.24	3.95
		For Steep Roof, Over 6 To 12, Add	*2.37*	
		For 140 MPH Wind Load, Add	*1.58*	
		For Panels <16" Wide, Add	*3.82*	
		For Up To 1,500, Add	*11.81*	
		For >1,500 To 5,000, Add	*7.09*	
		For >5,000 To 10,000, Add	*1.18*	

07 61 13 00-0006 Zinc/Copper Standing Seam Concealed Fastener Roofing *(07 61 13 00-0001)*

07 61 13 00-0007	SF	0.020" Thick, Zinc/Copper Standing Seam Concealed Fastener Roofing	42.79	3.63
		For Steep Roof, Over 6 To 12, Add	*2.17*	
		For 140 MPH Wind Load, Add	*1.44*	
		For Panels <16" Wide, Add	*3.48*	
		For Up To 1,500, Add	*10.70*	
		For >1,500 To 5,000, Add	*6.42*	
		For >5,000 To 10,000, Add	*1.07*	
		For Tin/Copper, Deduct	*-0.71*	
07 61 13 00-0008	SF	0.027" Thick, Zinc/Copper Standing Seam Concealed Fastener Roofing	51.98	3.78
		For Steep Roof, Over 6 To 12, Add	*2.26*	
		For 140 MPH Wind Load, Add	*1.64*	
		For Panels <16" Wide, Add	*3.99*	
		For Up To 1,500, Add	*13.00*	
		For >1,500 To 5,000, Add	*7.80*	
		For >5,000 To 10,000, Add	*1.30*	
		For Tin/Copper, Deduct	*-0.89*	
07 61 13 00-0009	SF	0.032" Thick, Zinc/Copper Standing Seam Concealed Fastener Roofing	59.19	3.95
		For Steep Roof, Over 6 To 12, Add	*2.37*	
		For 140 MPH Wind Load, Add	*1.82*	
		For Panels <16" Wide, Add	*4.42*	
		For Up To 1,500, Add	*14.80*	
		For >1,500 To 5,000, Add	*8.88*	
		For >5,000 To 10,000, Add	*1.48*	
		For Tin/Copper, Deduct	*-1.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 61 13 00-0010	SF	0.040" Thick, Zinc/Copper Standing Seam Concealed Fastener Roofing	74.42	4.14
		For Steep Roof, Over 6 To 12, Add	*2.48*	
		For 140 MPH Wind Load, Add	*2.15*	
		For Panels <16" Wide, Add	*5.25*	
		For Up To 1,500, Add	*18.61*	
		For >1,500 To 5,000, Add	*11.16*	
		For >5,000 To 10,000, Add	*1.86*	
		For Tin/Copper, Deduct	*-1.32*	

07 61 13 00-0011 Accessories For Copper Standing Seam Concealed Fastener Roofing *(07 61 13 00-0001)*

07 61 13 00-0012	LF	Ridge Flashing For Copper Standing Seam Concealed Fastener Roofing	154.85	6.91
		For Steep Roof, Over 6 To 12, Add	*5.18*	
		For 140 MPH Wind Load, Add	*4.48*	
07 61 13 00-0013	LF	Eave Flashing For Copper Standing Seam Concealed Fastener Roofing	88.22	6.91
		For Steep Roof, Over 6 To 12, Add	*5.18*	
		For 140 MPH Wind Load, Add	*3.15*	
07 61 13 00-0014	LF	Valley Flashing For Copper Standing Seam Concealed Fastener Roofing	217.84	6.91
		For Steep Roof, Over 6 To 12, Add	*5.18*	
		For 140 MPH Wind Load, Add	*5.74*	
07 61 13 00-0015	LF	Hip Flashing For Copper Standing Seam Concealed Fastener Roofing	159.83	6.91
		For Steep Roof, Over 6 To 12, Add	*5.18*	
		For 140 MPH Wind Load, Add	*4.58*	

07 61 16 Batten Seam Sheet Metal Roofing *(07 61)*

07 61 16 00-0001 Copper Batten Seam Concealed Fastener Roofing *(07 61 16)*

07 61 16 00-0002 Copper Batten Seam Concealed Fastener Roofing *(07 61 16 00-0001)*

07 61 16 00-0003	SF	16 Ounce Copper Batten Seam Concealed Fastener Roofing	45.06	3.95
		For Steep Roof, Over 6 To 12, Add	*2.37*	
		For 140 MPH Wind Load, Add	*1.53*	
		For Panels <16" Wide, Add	*3.71*	
		For Up To 1,500, Add	*11.27*	
		For >1,500 To 5,000, Add	*6.76*	
		For >5,000 To 10,000, Add	*1.13*	
07 61 16 00-0004	SF	18 Ounce Copper Batten Seam Concealed Fastener Roofing	49.83	4.15
		For Steep Roof, Over 6 To 12, Add	*2.49*	
		For 140 MPH Wind Load, Add	*1.66*	
		For Panels <16" Wide, Add	*4.03*	
		For Up To 1,500, Add	*12.46*	
		For >1,500 To 5,000, Add	*7.47*	
		For >5,000 To 10,000, Add	*1.25*	
07 61 16 00-0005	SF	20 Ounce Copper Batten Seam Concealed Fastener Roofing	58.22	4.35
		For Steep Roof, Over 6 To 12, Add	*2.60*	
		For 140 MPH Wind Load, Add	*1.86*	
		For Panels <16" Wide, Add	*4.52*	
		For Up To 1,500, Add	*14.56*	
		For >1,500 To 5,000, Add	*8.73*	
		For >5,000 To 10,000, Add	*1.46*	

07 61 16 00-0006 Zinc/Copper Batten Seam Concealed Fastener Roofing *(07 61 16 00-0001)*

07 61 16 00-0007	SF	0.020" Thick, Zinc/Copper Batten Seam Concealed Fastener Roofing	45.85	3.63
		For Steep Roof, Over 6 To 12, Add	*2.17*	
		For 140 MPH Wind Load, Add	*1.50*	
		For Panels <16" Wide, Add	*3.63*	
		For Up To 1,500, Add	*11.46*	
		For >1,500 To 5,000, Add	*6.88*	
		For >5,000 To 10,000, Add	*1.15*	
		For Tin/Copper, Deduct	*-0.77*	
07 61 16 00-0008	SF	0.027" Thick, Zinc/Copper Batten Seam Concealed Fastener Roofing	56.36	3.78
		For Steep Roof, Over 6 To 12, Add	*2.27*	
		For 140 MPH Wind Load, Add	*1.73*	
		For Panels <16" Wide, Add	*4.21*	
		For Up To 1,500, Add	*14.09*	
		For >1,500 To 5,000, Add	*8.45*	
		For >5,000 To 10,000, Add	*1.41*	
		For Tin/Copper, Deduct	*-0.98*	
07 61 16 00-0009	SF	0.032" Thick, Zinc/Copper Batten Seam Concealed Fastener Roofing	63.27	3.95
		For Steep Roof, Over 6 To 12, Add	*2.37*	
		For 140 MPH Wind Load, Add	*1.90*	
		For Panels <16" Wide, Add	*4.63*	
		For Up To 1,500, Add	*15.82*	
		For >1,500 To 5,000, Add	*9.49*	
		For >5,000 To 10,000, Add	*1.58*	
		For Tin/Copper, Deduct	*-1.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 61 16 00-0010	SF	0.040" Thick, Zinc/Copper Batten Seam Concealed Fastener Roofing	79.67	4.14
		For Steep Roof, Over 6 To 12, Add	*2.48*	
		For 140 MPH Wind Load, Add	*2.26*	
		For Panels <16" Wide, Add	*5.51*	
		For Up To 1,500, Add	*19.92*	
		For >1,500 To 5,000, Add	*11.95*	
		For >5,000 To 10,000, Add	*1.99*	
		For Tin/Copper, Deduct	*-1.43*	

07 61 19 Flat Seam Sheet Metal Roofing *(07 61)*

07 61 19 00-0001 Copper Flat Seam Concealed Fastener Roofing *(07 61 19)*

07 61 19 00-0002 Copper Flat Seam Concealed Fastener Roofing *(07 61 19 00-0001)*

07 61 19 00-0003	SF	16 Ounce Copper Flat Seam Concealed Fastener Roofing	34.63	3.63
		For Steep Roof, Over 6 To 12, Add	*2.17*	
		For 140 MPH Wind Load, Add	*1.27*	
		For Panels <16" Wide, Add	*3.07*	
		For Up To 1,500, Add	*8.66*	
		For >1,500 To 5,000, Add	*5.19*	
		For >5,000 To 10,000, Add	*0.87*	
07 61 19 00-0004	SF	18 Ounce Copper Flat Seam Concealed Fastener Roofing	38.15	3.78
		For Steep Roof, Over 6 To 12, Add	*2.27*	
		For 140 MPH Wind Load, Add	*1.37*	
		For Panels <16" Wide, Add	*3.30*	
		For Up To 1,500, Add	*9.54*	
		For >1,500 To 5,000, Add	*5.72*	
		For >5,000 To 10,000, Add	*0.95*	
07 61 19 00-0005	SF	20 Ounce Copper Flat Seam Concealed Fastener Roofing	44.33	3.95
		For Steep Roof, Over 6 To 12, Add	*2.37*	
		For 140 MPH Wind Load, Add	*1.52*	
		For Panels <16" Wide, Add	*3.68*	
		For Up To 1,500, Add	*11.08*	
		For >1,500 To 5,000, Add	*6.65*	
		For >5,000 To 10,000, Add	*1.11*	

07 61 19 00-0006 Zinc/Copper Flat Seam Concealed Fastener Roofing *(07 61 19 00-0001)*

07 61 19 00-0007	SF	0.020" Thick, Zinc/Copper Flat Seam Concealed Fastener Roofing	40.03	3.63
		For Steep Roof, Over 6 To 12, Add	*2.17*	
		For 140 MPH Wind Load, Add	*1.38*	
		For Panels <16" Wide, Add	*3.34*	
		For Up To 1,500, Add	*10.01*	
		For >1,500 To 5,000, Add	*6.00*	
		For >5,000 To 10,000, Add	*1.00*	
		For Tin/Copper, Deduct	*-0.66*	
07 61 19 00-0008	SF	0.027" Thick, Zinc/Copper Flat Seam Concealed Fastener Roofing	49.08	3.78
		For Steep Roof, Over 6 To 12, Add	*2.27*	
		For 140 MPH Wind Load, Add	*1.59*	
		For Panels <16" Wide, Add	*3.85*	
		For Up To 1,500, Add	*12.27*	
		For >1,500 To 5,000, Add	*7.36*	
		For >5,000 To 10,000, Add	*1.23*	
		For Tin/Copper, Deduct	*-0.83*	
07 61 19 00-0009	SF	0.032" Thick, Zinc/Copper Flat Seam Concealed Fastener Roofing	55.26	3.95
		For Steep Roof, Over 6 To 12, Add	*2.37*	
		For 140 MPH Wind Load, Add	*1.74*	
		For Panels <16" Wide, Add	*4.22*	
		For Up To 1,500, Add	*13.82*	
		For >1,500 To 5,000, Add	*8.29*	
		For >5,000 To 10,000, Add	*1.38*	
		For Tin/Copper, Deduct	*-0.95*	
07 61 19 00-0010	SF	0.040" Thick, Zinc/Copper Flat Seam Concealed Fastener Roofing	69.47	4.14
		For Steep Roof, Over 6 To 12, Add	*2.48*	
		For 140 MPH Wind Load, Add	*2.05*	
		For Panels <16" Wide, Add	*5.00*	
		For Up To 1,500, Add	*17.37*	
		For >1,500 To 5,000, Add	*10.42*	
		For >5,000 To 10,000, Add	*1.74*	
		For Tin/Copper, Deduct	*-1.22*	

07 62 Sheet Metal Flashing and Trim *(07 60)*

07 62 13 Fabricated Copings *(07 62)*

07 62 13 00-0001 Lead Flashing And Trim *(07 62 13)*

07 62 13 00-0002	SF	2.5 LB/SF Sheet Lead Flashing	22.96	5.25
		For Up To 100, Add	*5.74*	
07 62 13 00-0003	SF	4 LB/SF Sheet Lead Flashing	30.27	5.25
		For Up To 100, Add	*7.57*	

07 62 13 00-0004 Copper Flashing And Trim *(07 62 13)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 62 13 00-0005		**Copper Flashing And Trim** *(07 62 13 00-0004)*		
07 62 13 00-0006	SF	16 Ounce, 0.021" Thick, Copper Flashing And Trim	29.44	5.12
		For Up To 100, Add	*7.36*	
		For >500 To 2,000, Deduct	*-4.03*	
		For >2,000, Deduct	*-5.00*	
		For Copper Valley For Steep Slope Roofing, Over 7 To 12, Add	*2.03*	
		For Wrap Around Window Panning, Add	*10.14*	
07 62 13 00-0007	SF	20 Ounce, 0.027" Thick, Copper Flashing And Trim	30.38	5.25
		For Up To 100, Add	*7.60*	
		For >500 To 2,000, Deduct	*-4.16*	
		For >2,000, Deduct	*-5.15*	
		For Copper Valley For Steep Slope Roofing, Over 7 To 12, Add	*2.12*	
		For Wrap Around Window Panning, Add	*10.60*	
07 62 13 00-0008	SF	24 Ounce, 0.032" Thick, Copper Flashing And Trim	34.85	5.60
		For Up To 100, Add	*8.71*	
		For >500 To 2,000, Deduct	*-4.75*	
		For >2,000, Deduct	*-5.94*	
		For Copper Valley For Steep Slope Roofing, Over 7 To 12, Add	*2.22*	
		For Wrap Around Window Panning, Add	*11.11*	
07 62 13 00-0009	SF	32 Ounce, 0.043" Thick, Copper Flashing And Trim	43.31	5.83
		For Up To 100, Add	*10.83*	
		For >500 To 2,000, Deduct	*-5.86*	
		For >2,000, Deduct	*-7.45*	
		For Copper Valley For Steep Slope Roofing, Over 7 To 12, Add	*2.33*	
		For Wrap Around Window Panning, Add	*11.66*	
07 62 13 00-0010		**Copper Coping With Continuous Cleat** *(07 62 13 00-0004)*		
07 62 13 00-0011	LF	4" Width Copper Coping With Continuous Cleat	24.55	
07 62 13 00-0012	LF	6" Width Copper Coping With Continuous Cleat	25.81	
07 62 13 00-0013	LF	8" Width Copper Coping With Continuous Cleat	27.77	
07 62 13 00-0014	LF	10" Width Copper Coping With Continuous Cleat	29.71	
07 62 13 00-0015	LF	12" Width Copper Coping With Continuous Cleat	30.99	
07 62 13 00-0016		**Stainless Steel Flashing And Trim** *(07 62 13)*		
07 62 13 00-0017		**Stainless Steel Flashing And Trim** *(07 62 13 00-0016)*		
07 62 13 00-0018	SF	32 Gauge, 0.010" Thick, Stainless Steel Flashing And Trim	9.93	2.80
		For Up To 100, Add	*2.48*	
		For Wrap Around Window Panning, Add	*7.20*	
		For Mechanically Keyed Flashing, Add	*1.09*	
07 62 13 00-0019	SF	30 Gauge, 0.0125" Thick, Stainless Steel Flashing And Trim	10.72	3.15
		For Up To 100, Add	*2.68*	
		For Wrap Around Window Panning, Add	*7.31*	
		For Mechanically Keyed Flashing, Add	*1.36*	
07 62 13 00-0020	SF	28 Gauge, 0.0156" Thick, Stainless Steel Flashing And Trim	11.51	3.49
		For Up To 100, Add	*2.88*	
		For Wrap Around Window Panning, Add	*7.43*	
		For Mechanically Keyed Flashing, Add	*1.63*	
07 62 13 00-0021	SF	26 Gauge, 0.0187" Thick, Stainless Steel Flashing And Trim	12.78	3.85
		For Up To 100, Add	*3.20*	
		For Wrap Around Window Panning, Add	*7.67*	
		For Mechanically Keyed Flashing, Add	*2.04*	
07 62 13 00-0022	SF	24 Gauge, 0.025" Thick, Stainless Steel Flashing And Trim	14.90	4.08
		For Up To 100, Add	*3.73*	
		For Wrap Around Window Panning, Add	*8.10*	
		For Mechanically Keyed Flashing, Add	*2.72*	
07 62 13 00-0023	SF	22 Gauge, 0.031" Thick, Stainless Steel Flashing And Trim	16.25	4.29
		For Up To 100, Add	*4.06*	
		For Wrap Around Window Panning, Add	*8.57*	
		For Mechanically Keyed Flashing, Add	*3.07*	
07 62 13 00-0024	SF	20 Gauge, 0.0375" Thick, Stainless Steel Flashing And Trim	17.39	4.55
		For Up To 100, Add	*4.35*	
		For Wrap Around Window Panning, Add	*9.07*	
		For Mechanically Keyed Flashing, Add	*3.33*	
07 62 13 00-0025		**Aluminum Flashing And Trim** *(07 62 13)*		
07 62 13 00-0026		**Aluminum Flashing And Trim** *(07 62 13 00-0025)*		
07 62 13 00-0027	SF	0.013" Thick, Mill Finish, Aluminum Flashing And Trim	12.15	3.61
		For Up To 100, Add	*3.04*	
		For Baked Aluminum Colors, Add	*0.41*	
		For Wrap Around Window Panning, Add	*8.03*	
07 62 13 00-0028	SF	0.016" Thick, Mill Finish, Aluminum Flashing And Trim	13.05	3.61
		For Up To 100, Add	*3.26*	
		For Baked Aluminum Colors, Add	*0.50*	
		For Wrap Around Window Panning, Add	*8.03*	
07 62 13 00-0029	SF	0.019" Thick, Mill Finish, Aluminum Flashing And Trim	13.76	3.61
		For Up To 100, Add	*3.44*	
		For Baked Aluminum Colors, Add	*0.57*	
		For Wrap Around Window Panning, Add	*8.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 62 13 00-0030	SF	0.024" Thick, Mill Finish, Aluminum Flashing And Trim	14.80	3.61
		For Up To 100, Add	*3.70*	
		For Baked Aluminum Colors, Add	*0.68*	
		For Wrap Around Window Panning, Add	*8.03*	
07 62 13 00-0031	SF	0.032" Thick, Mill Finish, Aluminum Flashing And Trim	16.24	3.61
		For Up To 100, Add	*4.06*	
		For Baked Aluminum Colors, Add	*0.82*	
		For Wrap Around Window Panning, Add	*8.03*	
07 62 13 00-0032	SF	0.040" Thick, Mill Finish, Aluminum Flashing And Trim	17.12	3.61
		For Up To 100, Add	*4.28*	
		For Baked Aluminum Colors, Add	*0.91*	
		For Wrap Around Window Panning, Add	*8.03*	
07 62 13 00-0033	SF	0.050" Thick, Mill Finish, Aluminum Flashing And Trim	17.84	3.61
		For Up To 100, Add	*4.46*	
		For Baked Aluminum Colors, Add	*0.98*	
		For Wrap Around Window Panning, Add	*8.03*	
07 62 13 00-0034		Steel Flashing And Trim *(07 62 13)*		
07 62 13 00-0035		Galvanized Steel Flashing And Trim *(07 62 13 00-0034)*		
07 62 13 00-0036	SF	28 Gauge, 0.019" Thick, Galvanized Steel Flashing	11.91	3.49
		For Up To 100, Add	*2.98*	
		For Wrap Around Window Panning, Add	*7.43*	
07 62 13 00-0037	SF	26 Gauge, 0.022" Thick, Galvanized Steel Flashing	12.39	3.85
		For Up To 100, Add	*3.10*	
		For Wrap Around Window Panning, Add	*7.67*	
07 62 13 00-0038	SF	24 Gauge, 0.028" Thick, Galvanized Steel Flashing	13.20	4.08
		For Up To 100, Add	*3.30*	
		For Wrap Around Window Panning, Add	*8.10*	
07 62 13 00-0039	SF	22 Gauge, 0.034" Thick, Galvanized Steel Flashing	14.04	4.29
		For Up To 100, Add	*3.51*	
		For Wrap Around Window Panning, Add	*8.57*	
07 62 13 00-0040	SF	20 Gauge, 0.04" Thick, Galvanized Steel Flashing	15.19	4.55
		For Up To 100, Add	*3.80*	
		For Wrap Around Window Panning, Add	*9.07*	
07 62 13 00-0041		Galvanized Steel Sheet *(07 62 13 00-0034)*		
07 62 13 00-0042	SF	26 Gauge Coil-Coated Galvanized Steel Sheet	9.04	4.02
07 62 13 00-0043	SF	24 Gauge Coil-Coated Galvanized Steel Sheet	9.41	4.02
07 62 13 00-0044	SF	20 Gauge Coil-Coated Galvanized Steel Sheet	9.62	4.02
07 62 19		**Fabricated Gravel Stops and Fasciae** *(07 62)*		
07 62 19 00-0001		Drip Edge *(07 62 19)*		
07 62 19 00-0002		Aluminum Drip Edge *(07 62 19 00-0001)*		
		Note: Girth (stretch-out) equals the total (flattened) width of the drip edge.		
07 62 19 00-0003		KYNAR 500® Finish, Aluminum Drip Edge *(07 62 19 00-0002)*		
07 62 19 00-0004		0.016" Thick, KYNAR 500® Finish, Aluminum Drip Edge *(07 62 19 00-0003)*		
07 62 19 00-0005	LF	Up To 5" Girth, 0.016" Thick, KYNAR 500® Finish, Aluminum Drip Edge	12.46	1.64
07 62 19 00-0006	LF	>5" To 7" Girth, 0.016" Thick, KYNAR 500® Finish, Aluminum Drip Edge	15.62	1.75
07 62 19 00-0007	LF	>7" To 9" Girth, 0.016" Thick, KYNAR 500® Finish, Aluminum Drip Edge	17.67	1.96
07 62 19 00-0008	LF	>9" To 12" Girth, 0.016" Thick, KYNAR 500® Finish, Aluminum Drip Edge	21.34	2.07
07 62 19 00-0009	LF	>12" To 15" Girth, 0.016" Thick, KYNAR 500® Finish, Aluminum Drip Edge	27.42	2.18
07 62 19 00-0010		0.019" Thick, KYNAR 500® Finish, Aluminum Drip Edge *(07 62 19 00-0003)*		
07 62 19 00-0011	LF	Up To 5" Girth, 0.019" Thick, KYNAR 500® Finish, Aluminum Drip Edge	13.37	1.64
07 62 19 00-0012	LF	>5" To 7" Girth, 0.019" Thick, KYNAR 500® Finish, Aluminum Drip Edge	16.63	1.75
07 62 19 00-0013	LF	>7" To 9" Girth, 0.019" Thick, KYNAR 500® Finish, Aluminum Drip Edge	19.19	1.96
07 62 19 00-0014	LF	>9" To 12" Girth, 0.019" Thick, KYNAR 500® Finish, Aluminum Drip Edge	23.16	2.07
07 62 19 00-0015	LF	>12" To 15" Girth, 0.019" Thick, KYNAR 500® Finish, Aluminum Drip Edge	29.13	2.18
07 62 19 00-0016		0.025" Thick, KYNAR 500® Finish, Aluminum Drip Edge *(07 62 19 00-0003)*		
07 62 19 00-0017	LF	Up To 5" Girth, 0.025" Thick, KYNAR 500® Finish, Aluminum Drip Edge	14.28	1.64
07 62 19 00-0018	LF	>5" To 7" Girth, 0.025" Thick, KYNAR 500® Finish, Aluminum Drip Edge	17.84	1.75
07 62 19 00-0019	LF	>7" To 9" Girth, 0.025" Thick, KYNAR 500® Finish, Aluminum Drip Edge	20.65	1.96
07 62 19 00-0020	LF	>9" To 12" Girth, 0.025" Thick, KYNAR 500® Finish, Aluminum Drip Edge	24.97	2.07
07 62 19 00-0021	LF	>12" To 15" Girth, 0.025" Thick, KYNAR 500® Finish, Aluminum Drip Edge	31.55	2.18
07 62 19 00-0022		0.032" Thick, KYNAR 500® Finish, Aluminum Drip Edge *(07 62 19 00-0003)*		
07 62 19 00-0023	LF	Up To 5" Girth, 0.032" Thick, KYNAR 500® Finish, Aluminum Drip Edge	16.10	1.64
07 62 19 00-0024	LF	>5" To 7" Girth, 0.032" Thick, KYNAR 500® Finish, Aluminum Drip Edge	20.26	1.75
07 62 19 00-0025	LF	>7" To 9" Girth, 0.032" Thick, KYNAR 500® Finish, Aluminum Drip Edge	23.52	1.96
07 62 19 00-0026	LF	>9" To 12" Girth, 0.032" Thick, KYNAR 500® Finish, Aluminum Drip Edge	28.60	2.07
07 62 19 00-0027	LF	>12" To 15" Girth, 0.032" Thick, KYNAR 500® Finish, Aluminum Drip Edge	36.40	2.18

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 62 19 00-0028		**0.040" Thick, KYNAR 500® Finish, Aluminum Drip Edge** *(07 62 19 00-0003)*		
07 62 19 00-0029	LF	Up To 5" Girth, 0.040" Thick, KYNAR 500® Finish, Aluminum Drip Edge	16.70	1.64
07 62 19 00-0030	LF	>5" To 7" Girth, 0.040" Thick, KYNAR 500® Finish, Aluminum Drip Edge	21.17	1.75
07 62 19 00-0031	LF	>7" To 9" Girth, 0.040" Thick, KYNAR 500® Finish, Aluminum Drip Edge	24.48	1.96
07 62 19 00-0032	LF	>9" To 12" Girth, 0.040" Thick, KYNAR 500® Finish, Aluminum Drip Edge	29.81	2.07
07 62 19 00-0033	LF	>12" To 15" Girth, 0.040" Thick, KYNAR 500® Finish, Aluminum Drip Edge	38.01	2.18
07 62 19 00-0034		**0.050" Thick, KYNAR 500® Finish, Aluminum Drip Edge** *(07 62 19 00-0003)*		
07 62 19 00-0035	LF	Up To 5" Girth, 0.050" Thick, KYNAR 500® Finish, Aluminum Drip Edge	18.82	1.64
07 62 19 00-0036	LF	>5" To 7" Girth, 0.050" Thick, KYNAR 500® Finish, Aluminum Drip Edge	23.89	1.75
07 62 19 00-0037	LF	>7" To 9" Girth, 0.050" Thick, KYNAR 500® Finish, Aluminum Drip Edge	27.81	1.96
07 62 19 00-0038	LF	>9" To 12" Girth, 0.050" Thick, KYNAR 500® Finish, Aluminum Drip Edge	34.05	2.07
07 62 19 00-0039	LF	>12" To 15" Girth, 0.050" Thick, KYNAR 500® Finish, Aluminum Drip Edge	43.66	2.18
07 62 19 00-0040		**0.063" Thick, KYNAR 500® Finish, Aluminum Drip Edge** *(07 62 19 00-0003)*		
07 62 19 00-0041	LF	Up To 5" Girth, 0.063" Thick, KYNAR 500® Finish, Aluminum Drip Edge	21.85	1.64
07 62 19 00-0042	LF	>5" To 7" Girth, 0.063" Thick, KYNAR 500® Finish, Aluminum Drip Edge	27.92	1.75
07 62 19 00-0043	LF	>7" To 9" Girth, 0.063" Thick, KYNAR 500® Finish, Aluminum Drip Edge	32.60	1.96
07 62 19 00-0044	LF	>9" To 12" Girth, 0.063" Thick, KYNAR 500® Finish, Aluminum Drip Edge	40.10	2.07
07 62 19 00-0045	LF	>12" To 15" Girth, 0.063" Thick, KYNAR 500® Finish, Aluminum Drip Edge	51.73	2.18
07 62 19 00-0046		**0.080" Thick, KYNAR 500® Finish, Aluminum Drip Edge** *(07 62 19 00-0003)*		
07 62 19 00-0047	LF	Up To 5" Girth, 0.080" Thick, KYNAR 500® Finish, Aluminum Drip Edge	25.48	1.64
07 62 19 00-0048	LF	>5" To 7" Girth, 0.080" Thick, KYNAR 500® Finish, Aluminum Drip Edge	32.77	1.75
07 62 19 00-0049	LF	>7" To 9" Girth, 0.080" Thick, KYNAR 500® Finish, Aluminum Drip Edge	38.35	1.96
07 62 19 00-0050	LF	>9" To 12" Girth, 0.080" Thick, KYNAR 500® Finish, Aluminum Drip Edge	47.36	2.07
07 62 19 00-0051	LF	>12" To 15" Girth, 0.080" Thick, KYNAR 500® Finish, Aluminum Drip Edge	61.41	2.18
07 62 19 00-0052		**Mill Finish, Aluminum Drip Edge** *(07 62 19 00-0002)*		
07 62 19 00-0053		**0.016" Thick, Mill Finish, Aluminum Drip Edge** *(07 62 19 00-0052)*		
07 62 19 00-0054	LF	Up To 5" Girth, 0.016" Thick, Mill Finish, Aluminum Drip Edge	10.12	1.64
07 62 19 00-0055	LF	>5" To 7" Girth, 0.016" Thick, Mill Finish, Aluminum Drip Edge	12.43	1.75
07 62 19 00-0056	LF	>7" To 9" Girth, 0.016" Thick, Mill Finish, Aluminum Drip Edge	13.98	1.96
07 62 19 00-0057	LF	>9" To 12" Girth, 0.016" Thick, Mill Finish, Aluminum Drip Edge	16.64	2.07
07 62 19 00-0058	LF	>12" To 15" Girth, 0.016" Thick, Mill Finish, Aluminum Drip Edge	20.94	2.18
07 62 19 00-0059		**0.019" Thick, Mill Finish, Aluminum Drip Edge** *(07 62 19 00-0052)*		
07 62 19 00-0060	LF	Up To 5" Girth, 0.019" Thick, Mill Finish, Aluminum Drip Edge	10.74	1.64
07 62 19 00-0061	LF	>5" To 7" Girth, 0.019" Thick, Mill Finish, Aluminum Drip Edge	13.12	1.75
07 62 19 00-0062	LF	>7" To 9" Girth, 0.019" Thick, Mill Finish, Aluminum Drip Edge	15.02	1.96
07 62 19 00-0063	LF	>9" To 12" Girth, 0.019" Thick, Mill Finish, Aluminum Drip Edge	17.90	2.07
07 62 19 00-0064	LF	>12" To 15" Girth, 0.019" Thick, Mill Finish, Aluminum Drip Edge	22.12	2.18
07 62 19 00-0065		**0.025" Thick, Mill Finish, Aluminum Drip Edge** *(07 62 19 00-0052)*		
07 62 19 00-0066	LF	Up To 5" Girth, 0.025" Thick, Mill Finish, Aluminum Drip Edge	11.37	1.64
07 62 19 00-0067	LF	>5" To 7" Girth, 0.025" Thick, Mill Finish, Aluminum Drip Edge	13.96	1.75
07 62 19 00-0068	LF	>7" To 9" Girth, 0.025" Thick, Mill Finish, Aluminum Drip Edge	16.03	1.96
07 62 19 00-0069	LF	>9" To 12" Girth, 0.025" Thick, Mill Finish, Aluminum Drip Edge	19.15	2.07
07 62 19 00-0070	LF	>12" To 15" Girth, 0.025" Thick, Mill Finish, Aluminum Drip Edge	23.79	2.18
07 62 19 00-0071		**0.032" Thick, Mill Finish, Aluminum Drip Edge** *(07 62 19 00-0052)*		
07 62 19 00-0072	LF	Up To 5" Girth, 0.032" Thick, Mill Finish, Aluminum Drip Edge	12.62	1.64
07 62 19 00-0073	LF	>5" To 7" Girth, 0.032" Thick, Mill Finish, Aluminum Drip Edge	15.63	1.75
07 62 19 00-0074	LF	>7" To 9" Girth, 0.032" Thick, Mill Finish, Aluminum Drip Edge	18.01	1.96
07 62 19 00-0075	LF	>9" To 12" Girth, 0.032" Thick, Mill Finish, Aluminum Drip Edge	21.65	2.07
07 62 19 00-0076	LF	>12" To 15" Girth, 0.032" Thick, Mill Finish, Aluminum Drip Edge	27.13	2.18
07 62 19 00-0077		**0.040" Thick, Mill Finish, Aluminum Drip Edge** *(07 62 19 00-0052)*		
07 62 19 00-0078	LF	Up To 5" Girth, 0.040" Thick, Mill Finish, Aluminum Drip Edge	13.04	1.64
07 62 19 00-0079	LF	>5" To 7" Girth, 0.040" Thick, Mill Finish, Aluminum Drip Edge	16.25	1.75
07 62 19 00-0080	LF	>7" To 9" Girth, 0.040" Thick, Mill Finish, Aluminum Drip Edge	18.67	1.96
07 62 19 00-0081	LF	>9" To 12" Girth, 0.040" Thick, Mill Finish, Aluminum Drip Edge	22.49	2.07
07 62 19 00-0082	LF	>12" To 15" Girth, 0.040" Thick, Mill Finish, Aluminum Drip Edge	28.24	2.18
07 62 19 00-0083		**0.050" Thick, Mill Finish, Aluminum Drip Edge** *(07 62 19 00-0052)*		
07 62 19 00-0084	LF	Up To 5" Girth, 0.050" Thick, Mill Finish, Aluminum Drip Edge	14.50	1.64
07 62 19 00-0085	LF	>5" To 7" Girth, 0.050" Thick, Mill Finish, Aluminum Drip Edge	18.13	1.75

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 62 19 00-0086	LF	>7" To 9" Girth, 0.050" Thick, Mill Finish, Aluminum Drip Edge	20.97	1.96
07 62 19 00-0087	LF	>9" To 12" Girth, 0.050" Thick, Mill Finish, Aluminum Drip Edge	25.41	2.07
07 62 19 00-0088	LF	>12" To 15" Girth, 0.050" Thick, Mill Finish, Aluminum Drip Edge	32.14	2.18
07 62 19 00-0089		**0.063" Thick, Mill Finish, Aluminum Drip Edge** *(07 62 19 00-0052)*		
07 62 19 00-0090	LF	Up To 5" Girth, 0.063" Thick, Mill Finish, Aluminum Drip Edge	16.59	1.64
07 62 19 00-0091	LF	>5" To 7" Girth, 0.063" Thick, Mill Finish, Aluminum Drip Edge	20.91	1.75
07 62 19 00-0092	LF	>7" To 9" Girth, 0.063" Thick, Mill Finish, Aluminum Drip Edge	24.27	1.96
07 62 19 00-0093	LF	>9" To 12" Girth, 0.063" Thick, Mill Finish, Aluminum Drip Edge	29.58	2.07
07 62 19 00-0094	LF	>12" To 15" Girth, 0.063" Thick, Mill Finish, Aluminum Drip Edge	37.70	2.18
07 62 19 00-0095		**0.080" Thick, Mill Finish, Aluminum Drip Edge** *(07 62 19 00-0052)*		
07 62 19 00-0096	LF	Up To 5" Girth, 0.080" Thick, Mill Finish, Aluminum Drip Edge	19.09	1.64
07 62 19 00-0097	LF	>5" To 7" Girth, 0.080" Thick, Mill Finish, Aluminum Drip Edge	24.25	1.75
07 62 19 00-0098	LF	>7" To 9" Girth, 0.080" Thick, Mill Finish, Aluminum Drip Edge	28.24	1.96
07 62 19 00-0099	LF	>9" To 12" Girth, 0.080" Thick, Mill Finish, Aluminum Drip Edge	34.59	2.07
07 62 19 00-0100	LF	>12" To 15" Girth, 0.080" Thick, Mill Finish, Aluminum Drip Edge	44.38	2.18
07 62 19 00-0101		**Clear Anodized Finish, Aluminum Drip Edge** *(07 62 19 00-0002)*		
07 62 19 00-0102		**0.016" Thick, Clear Anodized Finish, Aluminum Drip Edge** *(07 62 19 00-0101)*		
07 62 19 00-0103	LF	Up To 5" Girth, 0.016" Thick, Clear Anodized Finish, Aluminum Drip Edge	12.92	1.64
07 62 19 00-0104	LF	>5" To 7" Girth, 0.016" Thick, Clear Anodized Finish, Aluminum Drip Edge	16.24	1.75
07 62 19 00-0105	LF	>7" To 9" Girth, 0.016" Thick, Clear Anodized Finish, Aluminum Drip Edge	18.39	1.96
07 62 19 00-0106	LF	>9" To 12" Girth, 0.016" Thick, Clear Anodized Finish, Aluminum Drip Edge	22.25	2.07
07 62 19 00-0107	LF	>12" To 15" Girth, 0.016" Thick, Clear Anodized Finish, Aluminum Drip Edge	28.67	2.18
07 62 19 00-0108		**0.019" Thick, Clear Anodized Finish, Aluminum Drip Edge** *(07 62 19 00-0101)*		
07 62 19 00-0109	LF	Up To 5" Girth, 0.019" Thick, Clear Anodized Finish, Aluminum Drip Edge	13.88	1.64
07 62 19 00-0110	LF	>5" To 7" Girth, 0.019" Thick, Clear Anodized Finish, Aluminum Drip Edge	17.30	1.75
07 62 19 00-0111	LF	>7" To 9" Girth, 0.019" Thick, Clear Anodized Finish, Aluminum Drip Edge	19.99	1.96
07 62 19 00-0112	LF	>9" To 12" Girth, 0.019" Thick, Clear Anodized Finish, Aluminum Drip Edge	24.17	2.07
07 62 19 00-0113	LF	>12" To 15" Girth, 0.019" Thick, Clear Anodized Finish, Aluminum Drip Edge	30.49	2.18
07 62 19 00-0114		**0.025" Thick, Clear Anodized Finish, Aluminum Drip Edge** *(07 62 19 00-0101)*		
07 62 19 00-0115	LF	Up To 5" Girth, 0.025" Thick, Clear Anodized Finish, Aluminum Drip Edge	14.84	1.64
07 62 19 00-0116	LF	>5" To 7" Girth, 0.025" Thick, Clear Anodized Finish, Aluminum Drip Edge	18.59	1.75
07 62 19 00-0117	LF	>7" To 9" Girth, 0.025" Thick, Clear Anodized Finish, Aluminum Drip Edge	21.54	1.96
07 62 19 00-0118	LF	>9" To 12" Girth, 0.025" Thick, Clear Anodized Finish, Aluminum Drip Edge	26.10	2.07
07 62 19 00-0119	LF	>12" To 15" Girth, 0.025" Thick, Clear Anodized Finish, Aluminum Drip Edge	33.06	2.18
07 62 19 00-0120		**0.032" Thick, Clear Anodized Finish, Aluminum Drip Edge** *(07 62 19 00-0101)*		
07 62 19 00-0121	LF	Up To 5" Girth, 0.032" Thick, Clear Anodized Finish, Aluminum Drip Edge	16.77	1.64
07 62 19 00-0122	LF	>5" To 7" Girth, 0.032" Thick, Clear Anodized Finish, Aluminum Drip Edge	21.15	1.75
07 62 19 00-0123	LF	>7" To 9" Girth, 0.032" Thick, Clear Anodized Finish, Aluminum Drip Edge	24.59	1.96
07 62 19 00-0124	LF	>9" To 12" Girth, 0.032" Thick, Clear Anodized Finish, Aluminum Drip Edge	29.95	2.07
07 62 19 00-0125	LF	>12" To 15" Girth, 0.032" Thick, Clear Anodized Finish, Aluminum Drip Edge	38.19	2.18
07 62 19 00-0126		**0.040" Thick, Clear Anodized Finish, Aluminum Drip Edge** *(07 62 19 00-0101)*		
07 62 19 00-0127	LF	Up To 5" Girth, 0.040" Thick, Clear Anodized Finish, Aluminum Drip Edge	17.41	1.64
07 62 19 00-0128	LF	>5" To 7" Girth, 0.040" Thick, Clear Anodized Finish, Aluminum Drip Edge	22.12	1.75
07 62 19 00-0129	LF	>7" To 9" Girth, 0.040" Thick, Clear Anodized Finish, Aluminum Drip Edge	25.60	1.96
07 62 19 00-0130	LF	>9" To 12" Girth, 0.040" Thick, Clear Anodized Finish, Aluminum Drip Edge	31.23	2.07
07 62 19 00-0131	LF	>12" To 15" Girth, 0.040" Thick, Clear Anodized Finish, Aluminum Drip Edge	39.90	2.18
07 62 19 00-0132		**0.050" Thick, Clear Anodized Finish, Aluminum Drip Edge** *(07 62 19 00-0101)*		
07 62 19 00-0133	LF	Up To 5" Girth, 0.050" Thick, Clear Anodized Finish, Aluminum Drip Edge	19.65	1.64
07 62 19 00-0134	LF	>5" To 7" Girth, 0.050" Thick, Clear Anodized Finish, Aluminum Drip Edge	25.00	1.75
07 62 19 00-0135	LF	>7" To 9" Girth, 0.050" Thick, Clear Anodized Finish, Aluminum Drip Edge	29.13	1.96
07 62 19 00-0136	LF	>9" To 12" Girth, 0.050" Thick, Clear Anodized Finish, Aluminum Drip Edge	35.72	2.07
07 62 19 00-0137	LF	>12" To 15" Girth, 0.050" Thick, Clear Anodized Finish, Aluminum Drip Edge	45.89	2.18
07 62 19 00-0138		**0.063" Thick, Clear Anodized Finish, Aluminum Drip Edge** *(07 62 19 00-0101)*		
07 62 19 00-0139	LF	Up To 5" Girth, 0.063" Thick, Clear Anodized Finish, Aluminum Drip Edge	22.86	1.64
07 62 19 00-0140	LF	>5" To 7" Girth, 0.063" Thick, Clear Anodized Finish, Aluminum Drip Edge	29.28	1.75
07 62 19 00-0141	LF	>7" To 9" Girth, 0.063" Thick, Clear Anodized Finish, Aluminum Drip Edge	34.21	1.96
07 62 19 00-0142	LF	>9" To 12" Girth, 0.063" Thick, Clear Anodized Finish, Aluminum Drip Edge	42.13	2.07
07 62 19 00-0143	LF	>12" To 15" Girth, 0.063" Thick, Clear Anodized Finish, Aluminum Drip Edge	54.44	2.18

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 62 19 00-0144		0.080" Thick, Clear Anodized Finish, Aluminum Drip Edge *(07 62 19 00-0101)*		
07 62 19 00-0145	LF	Up To 5" Girth, 0.080" Thick, Clear Anodized Finish, Aluminum Drip Edge	26.71	1.64
07 62 19 00-0146	LF	>5" To 7" Girth, 0.080" Thick, Clear Anodized Finish, Aluminum Drip Edge	34.41	1.75
07 62 19 00-0147	LF	>7" To 9" Girth, 0.080" Thick, Clear Anodized Finish, Aluminum Drip Edge	40.30	1.96
07 62 19 00-0148	LF	>9" To 12" Girth, 0.080" Thick, Clear Anodized Finish, Aluminum Drip Edge	49.83	2.07
07 62 19 00-0149	LF	>12" To 15" Girth, 0.080" Thick, Clear Anodized Finish, Aluminum Drip Edge	64.70	2.18
07 62 19 00-0150		Galvanized Steel Drip Edge *(07 62 19 00-0001)*		
		Note: Girth (stretch-out) equals the total (flattened) width of the drip edge.		
07 62 19 00-0151		Galvanized Steel Drip Edge *(07 62 19 00-0150)*		
07 62 19 00-0152		26 Gauge, Galvanized Steel Drip Edge *(07 62 19 00-0151)*		
07 62 19 00-0153	LF	Up To 5" Girth, 26 Gauge, Galvanized Steel Drip Edge	11.86	1.64
07 62 19 00-0154	LF	>5" To 7" Girth, 26 Gauge, Galvanized Steel Drip Edge	14.67	1.75
07 62 19 00-0155	LF	>7" To 9" Girth, 26 Gauge, Galvanized Steel Drip Edge	16.81	1.96
07 62 19 00-0156	LF	>9" To 12" Girth, 26 Gauge, Galvanized Steel Drip Edge	20.13	2.07
07 62 19 00-0157	LF	>12" To 15" Girth, 26 Gauge, Galvanized Steel Drip Edge	25.10	2.18
07 62 19 00-0158		24 Gauge, Galvanized Steel Drip Edge *(07 62 19 00-0151)*		
07 62 19 00-0159	LF	Up To 5" Girth, 24 Gauge, Galvanized Steel Drip Edge	12.91	1.64
07 62 19 00-0160	LF	>5" To 7" Girth, 24 Gauge, Galvanized Steel Drip Edge	16.07	1.75
07 62 19 00-0161	LF	>7" To 9" Girth, 24 Gauge, Galvanized Steel Drip Edge	18.46	1.96
07 62 19 00-0162	LF	>9" To 12" Girth, 24 Gauge, Galvanized Steel Drip Edge	22.23	2.07
07 62 19 00-0163	LF	>12" To 15" Girth, 24 Gauge, Galvanized Steel Drip Edge	27.88	2.18
07 62 19 00-0164		KYNAR 500® Finish, Galvanized Steel Drip Edge *(07 62 19 00-0150)*		
07 62 19 00-0165		26 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge *(07 62 19 00-0164)*		
07 62 19 00-0166	LF	Up To 5" Girth, 26 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge	14.99	1.64
07 62 19 00-0167	LF	>5" To 7" Girth, 26 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge	18.87	1.75
07 62 19 00-0168	LF	>7" To 9" Girth, 26 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge	21.77	1.96
07 62 19 00-0169	LF	>9" To 12" Girth, 26 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge	26.40	2.07
07 62 19 00-0170	LF	>12" To 15" Girth, 26 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge	33.45	2.18
07 62 19 00-0171		24 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge *(07 62 19 00-0164)*		
07 62 19 00-0172	LF	Up To 5" Girth, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge	16.51	1.64
07 62 19 00-0173	LF	>5" To 7" Girth, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge	20.91	1.75
07 62 19 00-0174	LF	>7" To 9" Girth, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge	24.17	1.96
07 62 19 00-0175	LF	>9" To 12" Girth, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge	29.42	2.07
07 62 19 00-0176	LF	>12" To 15" Girth, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge	37.49	2.18
07 62 19 00-0177		Stainless Steel Drip Edge *(07 62 19 00-0001)*		
		Note: Girth (stretch-out) equals the total (flattened) width of the drip edge.		
07 62 19 00-0178		26 Gauge, Stainless Steel Drip Edge *(07 62 19 00-0177)*		
07 62 19 00-0179	LF	Up To 5" Girth, 26 Gauge, Stainless Steel Drip Edge	20.77	1.64
07 62 19 00-0180	LF	>5" To 7" Girth, 26 Gauge, Stainless Steel Drip Edge	26.49	1.75
07 62 19 00-0181	LF	>7" To 9" Girth, 26 Gauge, Stainless Steel Drip Edge	30.90	1.96
07 62 19 00-0182	LF	>9" To 12" Girth, 26 Gauge, Stainless Steel Drip Edge	37.95	2.07
07 62 19 00-0183	LF	>12" To 15" Girth, 26 Gauge, Stainless Steel Drip Edge	48.86	2.18
07 62 19 00-0184		24 Gauge, Stainless Steel Drip Edge *(07 62 19 00-0177)*		
07 62 19 00-0185	LF	Up To 5" Girth, 24 Gauge, Stainless Steel Drip Edge	25.77	1.64
07 62 19 00-0186	LF	>5" To 7" Girth, 24 Gauge, Stainless Steel Drip Edge	33.15	1.75
07 62 19 00-0187	LF	>7" To 9" Girth, 24 Gauge, Stainless Steel Drip Edge	38.84	1.96
07 62 19 00-0188	LF	>9" To 12" Girth, 24 Gauge, Stainless Steel Drip Edge	47.95	2.07
07 62 19 00-0189	LF	>12" To 15" Girth, 24 Gauge, Stainless Steel Drip Edge	62.19	2.18
07 62 19 00-0190		22 Gauge, Stainless Steel Drip Edge *(07 62 19 00-0177)*		
07 62 19 00-0191	LF	Up To 5" Girth, 22 Gauge, Stainless Steel Drip Edge	31.65	1.64
07 62 19 00-0192	LF	>5" To 7" Girth, 22 Gauge, Stainless Steel Drip Edge	40.99	1.75
07 62 19 00-0193	LF	>7" To 9" Girth, 22 Gauge, Stainless Steel Drip Edge	48.14	1.96
07 62 19 00-0194	LF	>9" To 12" Girth, 22 Gauge, Stainless Steel Drip Edge	59.70	2.07
07 62 19 00-0195	LF	>12" To 15" Girth, 22 Gauge, Stainless Steel Drip Edge	77.87	2.18

07 63 Sheet Metal Roofing Specialties *(07 60)*

07 63 00 00-0001		Pitch Pockets *(07 63)*		
		Note: Cut into deck, filled with non-shrink grout, includes blocking.		
07 63 00 00-0002		24 Gauge Galvanized Sheet Metal, Non-Shrink Grout Filled Pitch Pockets *(07 63 00 00-0001)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 63 00 00-0003	EA	4" x 4" 24 Gauge Galvanized Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	92.88	
		For Pourable Sealer Filled, Add	*39.41*	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*19.71*	
07 63 00 00-0004	EA	6" x 6" 24 Gauge Galvanized Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	112.72	
		For Pourable Sealer Filled, Add	*88.72*	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*44.48*	
07 63 00 00-0005	EA	8" x 8" 24 Gauge Galvanized Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	137.82	
		For Pourable Sealer Filled, Add	*157.63*	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*78.64*	
07 63 00 00-0006	EA	8" x 10" 24 Gauge Galvanized Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	151.19	
		For Pourable Sealer Filled, Add	*197.04*	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*98.84*	
07 63 00 00-0007	EA	8" x 12" 24 Gauge Galvanized Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	163.97	
		For Pourable Sealer Filled, Add	*236.45*	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*118.24*	
07 63 00 00-0008	SF	24 Gauge Galvanized Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	193.03	
		For Pourable Sealer Filled, Add	*354.67*	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*176.24*	

07 63 00 00-0009 16 Ounce Copper Sheet Metal, Non-Shrink Grout Filled Pitch Pockets *(07 63 00 00-0001)*

07 63 00 00-0010	EA	4" x 4" 16 Ounce Copper Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	93.37	
		For Pourable Sealer Filled, Add	*39.41*	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*19.71*	
07 63 00 00-0011	EA	6" x 6" 16 Ounce Copper Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	112.92	
		For Pourable Sealer Filled, Add	*88.72*	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*44.48*	
07 63 00 00-0012	EA	8" x 8" 16 Ounce Copper Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	138.59	
		For Pourable Sealer Filled, Add	*157.63*	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*78.64*	
07 63 00 00-0013	EA	8" x 10" 16 Ounce Copper Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	154.60	
		For Pourable Sealer Filled, Add	*197.04*	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*98.84*	
07 63 00 00-0014	EA	8" x 12" 16 Ounce Copper Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	167.13	
		For Pourable Sealer Filled, Add	*236.45*	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*118.24*	
07 63 00 00-0015	SF	16 Ounce Copper Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	196.65	
		For Pourable Sealer Filled, Add	*354.67*	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*176.24*	

07 63 00 00-0016 24 Gauge Stainless Steel Sheet Metal, Non-Shrink Grout Filled Pitch Pockets *(07 63 00 00-0001)*

07 63 00 00-0017	EA	4" x 4" 24 Gauge Stainless Steel Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	98.83	
		For Pourable Sealer Filled, Add	*39.41*	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*19.71*	
07 63 00 00-0018	EA	6" x 6" 24 Gauge Stainless Steel Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	118.60	
		For Pourable Sealer Filled, Add	*88.72*	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*44.48*	
07 63 00 00-0019	EA	8" x 8" 24 Gauge Stainless Steel Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	138.85	
		For Pourable Sealer Filled, Add	*157.63*	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*78.64*	
07 63 00 00-0020	EA	8" x 10" 24 Gauge Stainless Steel Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	151.17	
		For Pourable Sealer Filled, Add	*197.04*	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*98.84*	
07 63 00 00-0021	EA	8" x 12" 24 Gauge Stainless Steel Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	162.63	
		For Pourable Sealer Filled, Add	*236.45*	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*118.24*	
07 63 00 00-0022	SF	24 Gauge Stainless Steel Sheet Metal, Non-Shrink Grout Filled Pitch Pocket	189.20	
		For Pourable Sealer Filled, Add	*354.67*	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*176.24*	

07 63 00 00-0023 Clean, Repair And Refill Existing Pitch Pockets With Non-Shrink Grout *(07 63 00 00-0001)*

Note: Includes removing existing filler and refilling with non-shrink grout.

07 63 00 00-0024	EA	Clean, Repair And Refill Existing 4" x 4" Pitch Pocket With Non-Shrink Grout	72.46	
		For Pourable Sealer Filled, Add	*39.41*	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*19.71*	
07 63 00 00-0025	EA	Clean, Repair And Refill Existing 6" x 6" Pitch Pocket With Non-Shrink Grout	83.93	
		For Pourable Sealer Filled, Add	*88.72*	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*44.48*	
07 63 00 00-0026	EA	Clean, Repair And Refill Existing 8" x 8" Pitch Pocket With Non-Shrink Grout	99.24	
		For Pourable Sealer Filled, Add	*157.63*	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*78.64*	
07 63 00 00-0027	EA	Clean, Repair And Refill Existing 8" x 10" Pitch Pocket With Non-Shrink Grout	108.90	
		For Pourable Sealer Filled, Add	*197.04*	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*98.84*	
07 63 00 00-0028	EA	Clean, Repair And Refill Existing 8" x 12" Pitch Pocket With Non-Shrink Grout	118.54	
		For Pourable Sealer Filled, Add	*236.45*	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*118.24*	
07 63 00 00-0029	SF	Clean, Repair And Refill Existing Pitch Pocket With Non-Shrink Grout	143.16	
		For Pourable Sealer Filled, Add	*354.67*	
		For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	*176.24*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 63 00 00-0030		Lead Pipe Flashing For Roofs *(07 63)*		
		Note: Includes 6" skirt base.		
07 63 00 00-0031	EA	1-1/4" ID x 12" Riser Pipe, 4 LB Lead Pipe Flashing For Roofs, Fits 3/4" Pipe	92.91	30.26
07 63 00 00-0032	EA	1-1/2" ID x 12" Riser Pipe, 4 LB Lead Pipe Flashing For Roofs, Fits 1" Pipe	92.91	30.26
07 63 00 00-0033	EA	2-3/4" ID x 12" Riser Pipe, 4 LB Lead Pipe Flashing For Roofs, Fits 2" Pipe	111.06	30.26
07 63 00 00-0034	EA	3-3/4" ID x 12" Riser Pipe, 4 LB Lead Pipe Flashing For Roofs, Fits 3" Pipe	121.44	30.26
07 63 00 00-0035	EA	4-1/4" ID x 12" Riser Pipe, 4 LB Lead Pipe Flashing For Roofs, Fits 3-1/2" Pipe	126.62	30.26
07 63 00 00-0036	EA	4-3/4" ID x 12" Riser Pipe, 4 LB Lead Pipe Flashing For Roofs, Fits 4" Pipe	129.22	30.26
07 63 00 00-0037	EA	6-7/8" ID x 12" Riser Pipe, 4 LB Lead Pipe Flashing For Roofs, Fits 6" Pipe	155.15	30.26
07 63 00 00-0038	EA	8-7/8" ID x 12" Riser Pipe, 4 LB Lead Pipe Flashing For Roofs, Fits 8" Pipe	166.82	30.26
07 63 00 00-0039		Galvanized Metal Flashing With Neoprene Collar, Shingle Roofing *(07 63)*		
07 63 00 00-0040	EA	2" Vent Through Roof, Galvanized Metal Flashing With Neoprene Collar, Shingle Roofing	82.04	19.56
07 63 00 00-0041	EA	3" Vent Through Roof, Galvanized Metal Flashing With Neoprene Collar, Shingle Roofing	83.36	19.56
07 63 00 00-0042	EA	4" Vent Through Roof, Galvanized Metal Flashing With Neoprene Collar, Shingle Roofing	88.17	19.56
07 63 00 00-0043	EA	6" Vent Through Roof, Galvanized Metal Flashing With Neoprene Collar, Shingle Roofing	92.31	19.56

07 65 Flexible Flashing *(07 60)*

07 65 16 Modified Bituminous Sheet Flashing *(07 65)*

CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 65 16 00-0001		Liquid Flashing System For Modified And BUR Systems *(07 65 16)*		
		See CSI section 07 51 13 00-0036 for ceramic coated roofing granules.		
07 65 16 00-0002	SF	60 Mil, Urethane Elastomer Liquid Applied Flashing	14.10	2.08
		Note: Includes applying a 30 mil base coat, rolling in a stichbonded polyester reinforcing scrim and applying a 30 mil second coat.		

07 65 19 Plastic Sheet Flashing *(07 65)*

CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 65 19 00-0001		Plastic Flashing And Trim *(07 65 19)*		
07 65 19 00-0002		Neoprene Flashing *(07 65 19 00-0001)*		
07 65 19 00-0003		60 Mil Thick *(07 65 19 00-0002)*		
07 65 19 00-0004	LF	6" Wide Strip, 60 Mil, Neoprene Flashing	9.38	2.92
07 65 19 00-0005	LF	12" Wide Strip, 60 Mil, Neoprene Flashing	12.62	3.14
07 65 19 00-0006	LF	18" Wide Strip, 60 Mil, Neoprene Flashing	16.17	3.46
07 65 19 00-0007	LF	24" Wide Strip, 60 Mil, Neoprene Flashing	19.93	3.90

07 65 33 Flexible Roof Boot *(07 65)*

CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 65 33 00-0001		Neoprene Roof Boot *(07 65 33)*		
07 65 33 00-0002	EA	2" Diameter Pipe, Neoprene Roof Boot	52.84	8.99
07 65 33 00-0003	EA	3" Diameter Pipe, Neoprene Roof Boot	63.23	10.07
07 65 33 00-0004	EA	4" Diameter Pipe, Neoprene Roof Boot	71.13	10.83

07 70 Roof and Wall Specialties and Accessories *(07)*

07 71 Roof Specialties *(07 70)*

07 71 13 Manufactured Copings *(07 71)*

CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 13 00-0001		Galvanized Steel Copings *(07 71 13)*		
07 71 13 00-0002		KYNAR 500® Finish, Galvanized Steel Coping System With Galvanized Steel Cleats *(07 71 13 00-0001)*		
		Note: Stretch-out width = face height + wall thickness + back leg. Coping system includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners.		
07 71 13 00-0003	LF	10" To 14" Wide (Stretch-out), 24 Gauge, KYNAR 500® Finish, Galvanized Steel Coping System With Galvanized Steel Cleats	34.09	2.35
		For Up To 25 LF, Add	*4.98*	
		For >25 To 100 LF, Add	*2.49*	
		For >1,000 LF, Deduct	*-0.39*	
07 71 13 00-0004	LF	>14" To 16" Wide (Stretch-out), 24 Gauge, KYNAR 500® Finish, Galvanized Steel Coping System With Galvanized Steel Cleats	35.97	2.55
		For Up To 25 LF, Add	*5.30*	
		For >25 To 100 LF, Add	*2.65*	
		For >1,000 LF, Deduct	*-0.43*	
07 71 13 00-0005	LF	>16" To 22" Wide (Stretch-out), 24 Gauge, KYNAR 500® Finish, Galvanized Steel Coping System With Galvanized Steel Cleats	41.02	2.68
		For Up To 25 LF, Add	*5.89*	
		For >25 To 100 LF, Add	*2.95*	
		For >1,000 LF, Deduct	*-0.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 13 00-0006	LF	>22" To 30" Wide (Stretch-out), 24 Gauge, KYNAR 500® Finish, Galvanized Steel Coping System With Galvanized Steel Cleats	47.65	2.94
		For Up To 25 LF, Add	*6.73*	
		For >25 To 100 LF, Add	*3.36*	
		For >1,000 LF, Deduct	*-0.49*	
07 71 13 00-0007	LF	>30" To 42" Wide (Stretch-out), 24 Gauge, KYNAR 500® Finish, Galvanized Steel Coping System With Galvanized Steel Cleats	57.60	3.07
		For Up To 25 LF, Add	*7.81*	
		For >25 To 100 LF, Add	*3.90*	
		For >1,000 LF, Deduct	*-0.51*	

07 71 13 00-0008 Aluminum Copings *(07 71 13)*

07 71 13 00-0009 Mill Finish, Aluminum Coping System With Galvanized Steel Cleats *(07 71 13 00-0008)*

Note: Stretch-out width = face height + wall thickness + back leg. Coping system includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners.

07 71 13 00-0010 0.040" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats *(07 71 13 00-0009)*

07 71 13 00-0011	LF	10" To 14" Wide (Stretch-out), 0.040" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	27.05	2.35
		For Up To 25 LF, Add	*4.27*	
		For >25 To 100 LF, Add	*2.14*	
		For >1,000 LF, Deduct	*-0.39*	
07 71 13 00-0012	LF	>14" To 16" Wide (Stretch-out), 0.040" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	28.88	2.55
		For Up To 25 LF, Add	*4.59*	
		For >25 To 100 LF, Add	*2.29*	
		For >1,000 LF, Deduct	*-0.43*	
07 71 13 00-0013	LF	>16" To 22" Wide (Stretch-out), 0.040" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	33.68	2.68
		For Up To 25 LF, Add	*5.16*	
		For >25 To 100 LF, Add	*2.58*	
		For >1,000 LF, Deduct	*-0.45*	
07 71 13 00-0014	LF	>22" To 30" Wide (Stretch-out), 0.040" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	40.21	2.94
		For Up To 25 LF, Add	*5.98*	
		For >25 To 100 LF, Add	*2.99*	
		For >1,000 LF, Deduct	*-0.49*	
07 71 13 00-0015	LF	>30" To 42" Wide (Stretch-out), 0.040" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	49.97	3.07
		For Up To 25 LF, Add	*7.05*	
		For >25 To 100 LF, Add	*3.52*	
		For >1,000 LF, Deduct	*-0.51*	

07 71 13 00-0016 0.050" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats *(07 71 13 00-0009)*

07 71 13 00-0017	LF	10" To 14" Wide (Stretch-out), 0.050" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	29.37	2.35
		For Up To 25 LF, Add	*4.51*	
		For >25 To 100 LF, Add	*2.25*	
		For >1,000 LF, Deduct	*-0.39*	
07 71 13 00-0018	LF	>14" To 16" Wide (Stretch-out), 0.050" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	31.35	2.55
		For Up To 25 LF, Add	*4.84*	
		For >25 To 100 LF, Add	*2.42*	
		For >1,000 LF, Deduct	*-0.43*	
07 71 13 00-0019	LF	>16" To 22" Wide (Stretch-out), 0.050" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	36.60	2.68
		For Up To 25 LF, Add	*5.45*	
		For >25 To 100 LF, Add	*2.72*	
		For >1,000 LF, Deduct	*-0.45*	
07 71 13 00-0020	LF	>22" To 30" Wide (Stretch-out), 0.050" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	43.74	2.94
		For Up To 25 LF, Add	*6.33*	
		For >25 To 100 LF, Add	*3.17*	
		For >1,000 LF, Deduct	*-0.49*	
07 71 13 00-0021	LF	>30" To 42" Wide (Stretch-out), 0.050" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	54.46	3.07
		For Up To 25 LF, Add	*7.49*	
		For >25 To 100 LF, Add	*3.75*	
		For >1,000 LF, Deduct	*-0.51*	

07 71 13 00-0022 0.063" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats *(07 71 13 00-0009)*

07 71 13 00-0023	LF	10" To 14" Wide (Stretch-out), 0.063" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	31.27	2.35
		For Up To 25 LF, Add	*4.70*	
		For >25 To 100 LF, Add	*2.35*	
		For >1,000 LF, Deduct	*-0.39*	
07 71 13 00-0024	LF	>14" To 16" Wide (Stretch-out), 0.063" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	33.55	2.55
		For Up To 25 LF, Add	*5.06*	
		For >25 To 100 LF, Add	*2.53*	
		For >1,000 LF, Deduct	*-0.43*	
07 71 13 00-0025	LF	>16" To 22" Wide (Stretch-out), 0.063" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	40.23	2.68
		For Up To 25 LF, Add	*5.81*	
		For >25 To 100 LF, Add	*2.91*	
		For >1,000 LF, Deduct	*-0.45*	
07 71 13 00-0026	LF	>22" To 30" Wide (Stretch-out), 0.063" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	50.24	2.94
		For Up To 25 LF, Add	*6.98*	
		For >25 To 100 LF, Add	*3.49*	
		For >1,000 LF, Deduct	*-0.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 13 00-0027	LF	>30" To 42" Wide (Stretch-out), 0.063" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	64.99	3.07
		For Up To 25 LF, Add	*8.55*	
		For >25 To 100 LF, Add	*4.27*	
		For >1,000 LF, Deduct	*-0.51*	

07 71 13 00-0028 KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats *(07 71 13 00-0008)*

Note: Stretch-out width = face height + wall thickness + back leg. Coping system includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners.

07 71 13 00-0029 0.040" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats *(07 71 13 00-0028)*

07 71 13 00-0030	LF	10" To 14" Wide (Stretch-out), 0.040" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	37.46	2.35
		For Up To 25 LF, Add	*5.31*	
		For >25 To 100 LF, Add	*2.66*	
		For >1,000 LF, Deduct	*-0.39*	
07 71 13 00-0031	LF	>14" To 16" Wide (Stretch-out), 0.040" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	39.97	2.55
		For Up To 25 LF, Add	*5.70*	
		For >25 To 100 LF, Add	*2.85*	
		For >1,000 LF, Deduct	*-0.43*	
07 71 13 00-0032	LF	>16" To 22" Wide (Stretch-out), 0.040" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	46.82	2.68
		For Up To 25 LF, Add	*6.47*	
		For >25 To 100 LF, Add	*3.24*	
		For >1,000 LF, Deduct	*-0.45*	
07 71 13 00-0033	LF	>22" To 30" Wide (Stretch-out), 0.040" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	56.09	2.94
		For Up To 25 LF, Add	*7.57*	
		For >25 To 100 LF, Add	*3.78*	
		For >1,000 LF, Deduct	*-0.49*	
07 71 13 00-0034	LF	>30" To 42" Wide (Stretch-out), 0.040" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	70.15	3.07
		For Up To 25 LF, Add	*9.06*	
		For >25 To 100 LF, Add	*4.53*	
		For >1,000 LF, Deduct	*-0.51*	

07 71 13 00-0035 0.050" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats *(07 71 13 00-0028)*

07 71 13 00-0036	LF	10" To 14" Wide (Stretch-out), 0.050" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	40.82	2.35
		For Up To 25 LF, Add	*5.65*	
		For >25 To 100 LF, Add	*2.83*	
		For >1,000 LF, Deduct	*-0.39*	
07 71 13 00-0037	LF	>14" To 16" Wide (Stretch-out), 0.050" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	43.54	2.55
		For Up To 25 LF, Add	*6.05*	
		For >25 To 100 LF, Add	*3.03*	
		For >1,000 LF, Deduct	*-0.43*	
07 71 13 00-0038	LF	>16" To 22" Wide (Stretch-out), 0.050" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	51.05	2.68
		For Up To 25 LF, Add	*6.89*	
		For >25 To 100 LF, Add	*3.45*	
		For >1,000 LF, Deduct	*-0.45*	
07 71 13 00-0039	LF	>22" To 30" Wide (Stretch-out), 0.050" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	61.21	2.94
		For Up To 25 LF, Add	*8.08*	
		For >25 To 100 LF, Add	*4.04*	
		For >1,000 LF, Deduct	*-0.49*	
07 71 13 00-0040	LF	>30" To 42" Wide (Stretch-out), 0.050" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	76.66	3.07
		For Up To 25 LF, Add	*9.71*	
		For >25 To 100 LF, Add	*4.86*	
		For >1,000 LF, Deduct	*-0.51*	

07 71 13 00-0041 0.063" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats *(07 71 13 00-0028)*

07 71 13 00-0042	LF	10" To 14" Wide (Stretch-out), 0.063" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	43.57	2.35
		For Up To 25 LF, Add	*5.93*	
		For >25 To 100 LF, Add	*2.96*	
		For >1,000 LF, Deduct	*-0.39*	
07 71 13 00-0043	LF	>14" To 16" Wide (Stretch-out), 0.063" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	46.73	2.55
		For Up To 25 LF, Add	*6.37*	
		For >25 To 100 LF, Add	*3.19*	
		For >1,000 LF, Deduct	*-0.43*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 13 00-0044	LF	>16" To 22" Wide (Stretch-out), 0.063" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	56.32	2.68
		For Up To 25 LF, Add	*7.42*	
		For >25 To 100 LF, Add	*3.71*	
		For >1,000 LF, Deduct	*-0.45*	
07 71 13 00-0045	LF	>22" To 30" Wide (Stretch-out), 0.063" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	70.65	2.94
		For Up To 25 LF, Add	*9.03*	
		For >25 To 100 LF, Add	*4.51*	
		For >1,000 LF, Deduct	*-0.49*	
07 71 13 00-0046	LF	>30" To 42" Wide (Stretch-out), 0.063" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	91.93	3.07
		For Up To 25 LF, Add	*11.24*	
		For >25 To 100 LF, Add	*5.62*	
		For >1,000 LF, Deduct	*-0.51*	

07 71 13 00-0047 Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats *(07 71 13 00-0008)*

Note: Stretch-out width = face height + wall thickness + back leg. Coping system includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners.

07 71 13 00-0048 0.040" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats *(07 71 13 00-0047)*

07 71 13 00-0049	LF	10" To 14" Wide (Stretch-out), 0.040" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	39.48	2.35
		For Up To 25 LF, Add	*5.52*	
		For >25 To 100 LF, Add	*2.76*	
		For >1,000 LF, Deduct	*-0.39*	
07 71 13 00-0050	LF	>14" To 16" Wide (Stretch-out), 0.040" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	42.11	2.55
		For Up To 25 LF, Add	*5.91*	
		For >25 To 100 LF, Add	*2.96*	
		For >1,000 LF, Deduct	*-0.43*	
07 71 13 00-0051	LF	>16" To 22" Wide (Stretch-out), 0.040" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	49.36	2.68
		For Up To 25 LF, Add	*6.72*	
		For >25 To 100 LF, Add	*3.36*	
		For >1,000 LF, Deduct	*-0.45*	
07 71 13 00-0052	LF	>22" To 30" Wide (Stretch-out), 0.040" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	59.17	2.94
		For Up To 25 LF, Add	*7.88*	
		For >25 To 100 LF, Add	*3.94*	
		For >1,000 LF, Deduct	*-0.49*	
07 71 13 00-0053	LF	>30" To 42" Wide (Stretch-out), 0.040" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	74.06	3.07
		For Up To 25 LF, Add	*9.45*	
		For >25 To 100 LF, Add	*4.73*	
		For >1,000 LF, Deduct	*-0.51*	

07 71 13 00-0054 0.050" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats *(07 71 13 00-0047)*

07 71 13 00-0055	LF	10" To 14" Wide (Stretch-out), 0.050" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	43.03	2.35
		For Up To 25 LF, Add	*5.87*	
		For >25 To 100 LF, Add	*2.94*	
		For >1,000 LF, Deduct	*-0.39*	
07 71 13 00-0056	LF	>14" To 16" Wide (Stretch-out), 0.050" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	45.90	2.55
		For Up To 25 LF, Add	*6.29*	
		For >25 To 100 LF, Add	*3.15*	
		For >1,000 LF, Deduct	*-0.43*	
07 71 13 00-0057	LF	>16" To 22" Wide (Stretch-out), 0.050" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	53.85	2.68
		For Up To 25 LF, Add	*7.17*	
		For >25 To 100 LF, Add	*3.59*	
		For >1,000 LF, Deduct	*-0.45*	
07 71 13 00-0058	LF	>22" To 30" Wide (Stretch-out), 0.050" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	64.59	2.94
		For Up To 25 LF, Add	*8.42*	
		For >25 To 100 LF, Add	*4.21*	
		For >1,000 LF, Deduct	*-0.49*	
07 71 13 00-0059	LF	>30" To 42" Wide (Stretch-out), 0.050" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	80.95	3.07
		For Up To 25 LF, Add	*10.14*	
		For >25 To 100 LF, Add	*5.07*	
		For >1,000 LF, Deduct	*-0.51*	

07 71 13 00-0060 0.063" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats *(07 71 13 00-0047)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 13 00-0061	LF	10" To 14" Wide (Stretch-out), 0.063" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	45.95	2.35
		For Up To 25 LF, Add	*6.16*	
		For >25 To 100 LF, Add	*3.08*	
		For >1,000 LF, Deduct	*-0.39*	
07 71 13 00-0062	LF	>14" To 16" Wide (Stretch-out), 0.063" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	49.28	2.55
		For Up To 25 LF, Add	*6.63*	
		For >25 To 100 LF, Add	*3.31*	
		For >1,000 LF, Deduct	*-0.43*	
07 71 13 00-0063	LF	>16" To 22" Wide (Stretch-out), 0.063" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	59.43	2.68
		For Up To 25 LF, Add	*7.73*	
		For >25 To 100 LF, Add	*3.87*	
		For >1,000 LF, Deduct	*-0.45*	
07 71 13 00-0064	LF	>22" To 30" Wide (Stretch-out), 0.063" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	74.59	2.94
		For Up To 25 LF, Add	*9.42*	
		For >25 To 100 LF, Add	*4.71*	
		For >1,000 LF, Deduct	*-0.49*	
07 71 13 00-0065	LF	>30" To 42" Wide (Stretch-out), 0.063" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	97.13	3.07
		For Up To 25 LF, Add	*11.76*	
		For >25 To 100 LF, Add	*5.88*	
		For >1,000 LF, Deduct	*-0.51*	

07 71 13 00-0066 Removal And Reinstallation Of Metal Coping *(07 71 13)*

07 71 13 00-0067	LF	Removal And Reinstallation Of Metal Coping	8.10	
		For Up To 25 LF, Add	*4.05*	
		For >25 To 100 LF, Add	*2.03*	
		For >1,000 LF, Deduct	*-0.81*	

07 71 19 Manufactured Gravel Stops and Fasciae *(07 71)*

07 71 19 00-0001 Gravel Stop *(07 71 19)*

07 71 19 00-0002 Aluminum Gravel Stop *(07 71 19 00-0001)*

07 71 19 00-0003 Aluminum Gravel Stop *(07 71 19 00-0002)*

07 71 19 00-0004 KYNAR 500® Finish, Aluminum Gravel Stop *(07 71 19 00-0003)*

07 71 19 00-0005 0.032" Thick, KYNAR 500® Finish, Aluminum Gravel Stop *(07 71 19 00-0004)*

07 71 19 00-0006	LF	4" To 6" Face Height, 0.032" Thick, KYNAR 500® Finish, Aluminum Gravel Stop	39.53	1.85
		For Up To 25 LF, Add	*6.13*	
		For >25 To 100 LF, Add	*3.07*	
		For >1,000 LF, Deduct	*-0.55*	
07 71 19 00-0007	LF	>6" To 10" Face Height, 0.032" Thick, KYNAR 500® Finish, Aluminum Gravel Stop	40.78	2.18
		For Up To 25 LF, Add	*6.65*	
		For >25 To 100 LF, Add	*3.33*	
		For >1,000 LF, Deduct	*-0.64*	
07 71 19 00-0008	LF	>10" To 18" Face Height, 0.032" Thick, KYNAR 500® Finish, Aluminum Gravel Stop	42.09	2.39
		For Up To 25 LF, Add	*7.13*	
		For >25 To 100 LF, Add	*3.56*	
		For >1,000 LF, Deduct	*-0.73*	

07 71 19 00-0009 0.040" Thick, KYNAR 500® Finish, Aluminum Gravel Stop *(07 71 19 00-0004)*

07 71 19 00-0010	LF	4" To 6" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Gravel Stop	42.04	1.85
		For Up To 25 LF, Add	*6.38*	
		For >25 To 100 LF, Add	*3.19*	
		For >1,000 LF, Deduct	*-0.55*	
07 71 19 00-0011	LF	>6" To 10" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Gravel Stop	43.40	2.18
		For Up To 25 LF, Add	*6.91*	
		For >25 To 100 LF, Add	*3.46*	
		For >1,000 LF, Deduct	*-0.64*	
07 71 19 00-0012	LF	>10" To 18" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Gravel Stop	44.85	2.39
		For Up To 25 LF, Add	*7.40*	
		For >25 To 100 LF, Add	*3.70*	
		For >1,000 LF, Deduct	*-0.73*	

07 71 19 00-0013 0.050" Thick, KYNAR 500® Finish, Aluminum Gravel Stop *(07 71 19 00-0004)*

07 71 19 00-0014	LF	4" To 6" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Gravel Stop	45.31	1.85
		For Up To 25 LF, Add	*6.71*	
		For >25 To 100 LF, Add	*3.36*	
		For >1,000 LF, Deduct	*-0.55*	
07 71 19 00-0015	LF	>6" To 10" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Gravel Stop	46.53	2.18
		For Up To 25 LF, Add	*7.23*	
		For >25 To 100 LF, Add	*3.61*	
		For >1,000 LF, Deduct	*-0.64*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 19 00-0016	LF	>10" To 18" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Gravel Stop	48.33	2.39
		For Up To 25 LF, Add	*7.75*	
		For >25 To 100 LF, Add	*3.87*	
		For >1,000 LF, Deduct	*-0.73*	

07 71 19 00-0017 0.063" Thick, KYNAR 500® Finish, Aluminum Gravel Stop *(07 71 19 00-0004)*

07 71 19 00-0018	LF	4" To 6" Face Height, 0.063" Thick, KYNAR 500® Finish, Aluminum Gravel Stop	47.53	1.85
		For Up To 25 LF, Add	*6.93*	
		For >25 To 100 LF, Add	*3.47*	
		For >1,000 LF, Deduct	*-0.55*	
07 71 19 00-0019	LF	>6" To 10" Face Height, 0.063" Thick, KYNAR 500® Finish, Aluminum Gravel Stop	48.83	2.18
		For Up To 25 LF, Add	*7.46*	
		For >25 To 100 LF, Add	*3.73*	
		For >1,000 LF, Deduct	*-0.64*	
07 71 19 00-0020	LF	>10" To 18" Face Height, 0.063" Thick, KYNAR 500® Finish, Aluminum Gravel Stop	50.77	2.39
		For Up To 25 LF, Add	*7.99*	
		For >25 To 100 LF, Add	*4.00*	
		For >1,000 LF, Deduct	*-0.73*	

07 71 19 00-0021 Mill Finish, Aluminum Gravel Stop *(07 71 19 00-0003)*

07 71 19 00-0022 0.032" Thick, Mill Finish, Aluminum Gravel Stop *(07 71 19 00-0021)*

07 71 19 00-0023	LF	4" To 6" Face Height, 0.032" Thick, Mill Finish, Aluminum Gravel Stop	25.62	1.85
		For Up To 25 LF, Add	*4.74*	
		For >25 To 100 LF, Add	*2.37*	
		For >1,000 LF, Deduct	*-0.55*	
07 71 19 00-0024	LF	>6" To 10" Face Height, 0.032" Thick, Mill Finish, Aluminum Gravel Stop	27.58	2.18
		For Up To 25 LF, Add	*5.33*	
		For >25 To 100 LF, Add	*2.67*	
		For >1,000 LF, Deduct	*-0.64*	
07 71 19 00-0025	LF	>10" To 18" Face Height, 0.032" Thick, Mill Finish, Aluminum Gravel Stop	29.55	2.39
		For Up To 25 LF, Add	*5.87*	
		For >25 To 100 LF, Add	*2.94*	
		For >1,000 LF, Deduct	*-0.73*	

07 71 19 00-0026 0.040" Thick, Mill Finish, Aluminum Gravel Stop *(07 71 19 00-0021)*

07 71 19 00-0027	LF	4" To 6" Face Height, 0.040" Thick, Mill Finish, Aluminum Gravel Stop	27.71	1.85
		For Up To 25 LF, Add	*4.95*	
		For >25 To 100 LF, Add	*2.48*	
		For >1,000 LF, Deduct	*-0.55*	
07 71 19 00-0028	LF	>6" To 10" Face Height, 0.040" Thick, Mill Finish, Aluminum Gravel Stop	29.39	2.18
		For Up To 25 LF, Add	*5.51*	
		For >25 To 100 LF, Add	*2.76*	
		For >1,000 LF, Deduct	*-0.64*	
07 71 19 00-0029	LF	>10" To 18" Face Height, 0.040" Thick, Mill Finish, Aluminum Gravel Stop	30.94	2.39
		For Up To 25 LF, Add	*6.01*	
		For >25 To 100 LF, Add	*3.01*	
		For >1,000 LF, Deduct	*-0.73*	

07 71 19 00-0030 0.050" Thick, Mill Finish, Aluminum Gravel Stop *(07 71 19 00-0021)*

07 71 19 00-0031	LF	4" To 6" Face Height, 0.050" Thick, Mill Finish, Aluminum Gravel Stop	29.80	1.85
		For Up To 25 LF, Add	*5.16*	
		For >25 To 100 LF, Add	*2.58*	
		For >1,000 LF, Deduct	*-0.55*	
07 71 19 00-0032	LF	>6" To 10" Face Height, 0.050" Thick, Mill Finish, Aluminum Gravel Stop	31.47	2.18
		For Up To 25 LF, Add	*5.72*	
		For >25 To 100 LF, Add	*2.86*	
		For >1,000 LF, Deduct	*-0.64*	
07 71 19 00-0033	LF	>10" To 18" Face Height, 0.050" Thick, Mill Finish, Aluminum Gravel Stop	33.20	2.39
		For Up To 25 LF, Add	*6.24*	
		For >25 To 100 LF, Add	*3.12*	
		For >1,000 LF, Deduct	*-0.73*	

07 71 19 00-0034 0.063" Thick, Mill Finish, Aluminum Gravel Stop *(07 71 19 00-0021)*

07 71 19 00-0035	LF	4" To 6" Face Height, 0.063" Thick, Mill Finish, Aluminum Gravel Stop	32.06	1.85
		For Up To 25 LF, Add	*5.39*	
		For >25 To 100 LF, Add	*2.69*	
		For >1,000 LF, Deduct	*-0.55*	
07 71 19 00-0036	LF	>6" To 10" Face Height, 0.063" Thick, Mill Finish, Aluminum Gravel Stop	33.56	2.18
		For Up To 25 LF, Add	*5.93*	
		For >25 To 100 LF, Add	*2.96*	
		For >1,000 LF, Deduct	*-0.64*	
07 71 19 00-0037	LF	>10" To 18" Face Height, 0.063" Thick, Mill Finish, Aluminum Gravel Stop	34.88	2.39
		For Up To 25 LF, Add	*6.40*	
		For >25 To 100 LF, Add	*3.20*	
		For >1,000 LF, Deduct	*-0.73*	

07 71 19 00-0038 Clear Anodized Finish, Aluminum Gravel Stop *(07 71 19 00-0003)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 19 00-0039		**0.032" Thick, Clear Anodized Finish, Aluminum Gravel Stop** *(07 71 19 00-0038)*		
07 71 19 00-0040	LF	4" To 6" Face Height, 0.032" Thick, Clear Anodized Finish, Aluminum Gravel Stop	47.25	1.85
		For Up To 25 LF, Add	*6.91*	
		For >25 To 100 LF, Add	*3.45*	
		For >1,000 LF, Deduct	*-0.55*	
07 71 19 00-0041	LF	>6" To 10" Face Height, 0.032" Thick, Clear Anodized Finish, Aluminum Gravel Stop	48.84	2.18
		For Up To 25 LF, Add	*7.46*	
		For >25 To 100 LF, Add	*3.73*	
		For >1,000 LF, Deduct	*-0.64*	
07 71 19 00-0042	LF	>10" To 18" Face Height, 0.032" Thick, Clear Anodized Finish, Aluminum Gravel Stop	50.26	2.39
		For Up To 25 LF, Add	*7.94*	
		For >25 To 100 LF, Add	*3.97*	
		For >1,000 LF, Deduct	*-0.73*	
07 71 19 00-0043		**0.040" Thick, Clear Anodized Finish, Aluminum Gravel Stop** *(07 71 19 00-0038)*		
07 71 19 00-0044	LF	4" To 6" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Gravel Stop	50.26	1.85
		For Up To 25 LF, Add	*7.21*	
		For >25 To 100 LF, Add	*3.60*	
		For >1,000 LF, Deduct	*-0.55*	
07 71 19 00-0045	LF	>6" To 10" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Gravel Stop	51.98	2.18
		For Up To 25 LF, Add	*7.77*	
		For >25 To 100 LF, Add	*3.89*	
		For >1,000 LF, Deduct	*-0.64*	
07 71 19 00-0046	LF	>10" To 18" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Gravel Stop	53.55	2.39
		For Up To 25 LF, Add	*8.27*	
		For >25 To 100 LF, Add	*4.14*	
		For >1,000 LF, Deduct	*-0.73*	
07 71 19 00-0047		**0.050" Thick, Clear Anodized Finish, Aluminum Gravel Stop** *(07 71 19 00-0038)*		
07 71 19 00-0048	LF	4" To 6" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Gravel Stop	54.18	1.85
		For Up To 25 LF, Add	*7.60*	
		For >25 To 100 LF, Add	*3.80*	
		For >1,000 LF, Deduct	*-0.55*	
07 71 19 00-0049	LF	>6" To 10" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Gravel Stop	55.74	2.18
		For Up To 25 LF, Add	*8.15*	
		For >25 To 100 LF, Add	*4.07*	
		For >1,000 LF, Deduct	*-0.64*	
07 71 19 00-0050	LF	>10" To 18" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Gravel Stop	57.03	2.39
		For Up To 25 LF, Add	*8.62*	
		For >25 To 100 LF, Add	*4.31*	
		For >1,000 LF, Deduct	*-0.73*	
07 71 19 00-0051		**0.063" Thick, Clear Anodized Finish, Aluminum Gravel Stop** *(07 71 19 00-0038)*		
07 71 19 00-0052	LF	4" To 6" Face Height, 0.063" Thick, Clear Anodized Finish, Aluminum Gravel Stop	56.85	1.85
		For Up To 25 LF, Add	*7.87*	
		For >25 To 100 LF, Add	*3.93*	
		For >1,000 LF, Deduct	*-0.55*	
07 71 19 00-0053	LF	>6" To 10" Face Height, 0.063" Thick, Clear Anodized Finish, Aluminum Gravel Stop	58.50	2.18
		For Up To 25 LF, Add	*8.42*	
		For >25 To 100 LF, Add	*4.21*	
		For >1,000 LF, Deduct	*-0.64*	
07 71 19 00-0054	LF	>10" To 18" Face Height, 0.063" Thick, Clear Anodized Finish, Aluminum Gravel Stop	59.90	2.39
		For Up To 25 LF, Add	*8.91*	
		For >25 To 100 LF, Add	*4.45*	
		For >1,000 LF, Deduct	*-0.73*	
07 71 19 00-0055		**Aluminum Gravel Stop System With Continuous Cleat** *(07 71 19 00-0002)*		
		Note: Includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners.		
07 71 19 00-0056		**KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat** *(07 71 19 00-0055)*		
07 71 19 00-0057		**0.032" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat** *(07 71 19 00-0056)*		
07 71 19 00-0058	LF	4" To 6" Face Height, 0.032" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	44.59	1.96
		For Up To 25 LF, Add	*6.86*	
		For >25 To 100 LF, Add	*3.43*	
		For >1,000 LF, Deduct	*-0.60*	
07 71 19 00-0059	LF	>6" To 10" Face Height, 0.032" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	47.35	2.34
		For Up To 25 LF, Add	*7.57*	
		For >25 To 100 LF, Add	*3.78*	
		For >1,000 LF, Deduct	*-0.71*	
07 71 19 00-0060	LF	>10" To 18" Face Height, 0.032" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	50.52	2.67
		For Up To 25 LF, Add	*8.28*	
		For >25 To 100 LF, Add	*4.14*	
		For >1,000 LF, Deduct	*-0.81*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 19 00-0061		0.040" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat *(07 71 19 00-0056)*		
07 71 19 00-0062	LF	4" To 6" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	47.10	1.96
		For Up To 25 LF, Add	*7.11*	
		For >25 To 100 LF, Add	*3.55*	
		For >1,000 LF, Deduct	*-0.60*	
07 71 19 00-0063	LF	>6" To 10" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	49.96	2.34
		For Up To 25 LF, Add	*7.83*	
		For >25 To 100 LF, Add	*3.91*	
		For >1,000 LF, Deduct	*-0.71*	
07 71 19 00-0064	LF	>10" To 18" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	53.28	2.67
		For Up To 25 LF, Add	*8.55*	
		For >25 To 100 LF, Add	*4.28*	
		For >1,000 LF, Deduct	*-0.81*	
07 71 19 00-0065		0.050" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat *(07 71 19 00-0056)*		
07 71 19 00-0066	LF	4" To 6" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	50.37	1.96
		For Up To 25 LF, Add	*7.43*	
		For >25 To 100 LF, Add	*3.72*	
		For >1,000 LF, Deduct	*-0.60*	
07 71 19 00-0067	LF	>6" To 10" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	53.10	2.34
		For Up To 25 LF, Add	*8.14*	
		For >25 To 100 LF, Add	*4.07*	
		For >1,000 LF, Deduct	*-0.71*	
07 71 19 00-0068	LF	>10" To 18" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	56.75	2.67
		For Up To 25 LF, Add	*8.90*	
		For >25 To 100 LF, Add	*4.45*	
		For >1,000 LF, Deduct	*-0.81*	
07 71 19 00-0069		0.063" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat *(07 71 19 00-0056)*		
07 71 19 00-0070	LF	4" To 6" Face Height, 0.063" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	52.59	1.96
		For Up To 25 LF, Add	*7.66*	
		For >25 To 100 LF, Add	*3.83*	
		For >1,000 LF, Deduct	*-0.60*	
07 71 19 00-0071	LF	>6" To 10" Face Height, 0.063" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	55.40	2.34
		For Up To 25 LF, Add	*8.37*	
		For >25 To 100 LF, Add	*4.19*	
		For >1,000 LF, Deduct	*-0.71*	
07 71 19 00-0072	LF	>10" To 18" Face Height, 0.063" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	59.19	2.67
		For Up To 25 LF, Add	*9.14*	
		For >25 To 100 LF, Add	*4.57*	
		For >1,000 LF, Deduct	*-0.81*	
07 71 19 00-0073		Mill Finish, Aluminum Gravel Stop System With Continuous Cleat *(07 71 19 00-0055)*		
07 71 19 00-0074		0.032" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat *(07 71 19 00-0073)*		
07 71 19 00-0075	LF	4" To 6" Face Height, 0.032" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat	32.61	1.96
		For Up To 25 LF, Add	*5.66*	
		For >25 To 100 LF, Add	*2.83*	
		For >1,000 LF, Deduct	*-0.60*	
07 71 19 00-0076	LF	>6" To 10" Face Height, 0.032" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat	34.85	2.34
		For Up To 25 LF, Add	*6.32*	
		For >25 To 100 LF, Add	*3.16*	
		For >1,000 LF, Deduct	*-0.71*	
07 71 19 00-0077	LF	>10" To 18" Face Height, 0.032" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat	37.45	2.67
		For Up To 25 LF, Add	*6.97*	
		For >25 To 100 LF, Add	*3.48*	
		For >1,000 LF, Deduct	*-0.81*	
07 71 19 00-0078		0.040" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat *(07 71 19 00-0073)*		
07 71 19 00-0079	LF	4" To 6" Face Height, 0.040" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat	34.34	1.96
		For Up To 25 LF, Add	*5.83*	
		For >25 To 100 LF, Add	*2.92*	
		For >1,000 LF, Deduct	*-0.60*	
07 71 19 00-0080	LF	>6" To 10" Face Height, 0.040" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat	36.66	2.34
		For Up To 25 LF, Add	*6.50*	
		For >25 To 100 LF, Add	*3.25*	
		For >1,000 LF, Deduct	*-0.71*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 19 00-0081	LF	>10" To 18" Face Height, 0.040" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat	39.36	2.67
		For Up To 25 LF, Add	*7.16*	
		For >25 To 100 LF, Add	*3.58*	
		For >1,000 LF, Deduct	*-0.81*	
07 71 19 00-0082		0.050" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat *(07 71 19 00-0073)*		
07 71 19 00-0083	LF	4" To 6" Face Height, 0.050" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat	36.60	1.96
		For Up To 25 LF, Add	*6.06*	
		For >25 To 100 LF, Add	*3.03*	
		For >1,000 LF, Deduct	*-0.60*	
07 71 19 00-0084	LF	>6" To 10" Face Height, 0.050" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat	38.81	2.34
		For Up To 25 LF, Add	*6.71*	
		For >25 To 100 LF, Add	*3.36*	
		For >1,000 LF, Deduct	*-0.71*	
07 71 19 00-0085	LF	>10" To 18" Face Height, 0.050" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat	41.62	2.67
		For Up To 25 LF, Add	*7.39*	
		For >25 To 100 LF, Add	*3.69*	
		For >1,000 LF, Deduct	*-0.81*	
07 71 19 00-0086		0.063" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat *(07 71 19 00-0073)*		
07 71 19 00-0087	LF	4" To 6" Face Height, 0.063" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat	38.13	1.96
		For Up To 25 LF, Add	*6.21*	
		For >25 To 100 LF, Add	*3.10*	
		For >1,000 LF, Deduct	*-0.60*	
07 71 19 00-0088	LF	>6" To 10" Face Height, 0.063" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat	40.40	2.34
		For Up To 25 LF, Add	*6.87*	
		For >25 To 100 LF, Add	*3.44*	
		For >1,000 LF, Deduct	*-0.71*	
07 71 19 00-0089	LF	>10" To 18" Face Height, 0.063" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat	43.30	2.67
		For Up To 25 LF, Add	*7.55*	
		For >25 To 100 LF, Add	*3.78*	
		For >1,000 LF, Deduct	*-0.81*	
07 71 19 00-0090		Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat *(07 71 19 00-0055)*		
07 71 19 00-0091		0.032" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat *(07 71 19 00-0090)*		
07 71 19 00-0092	LF	4" To 6" Face Height, 0.032" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat	52.31	1.96
		For Up To 25 LF, Add	*7.63*	
		For >25 To 100 LF, Add	*3.81*	
		For >1,000 LF, Deduct	*-0.60*	
07 71 19 00-0093	LF	>6" To 10" Face Height, 0.032" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat	55.40	2.34
		For Up To 25 LF, Add	*8.37*	
		For >25 To 100 LF, Add	*4.19*	
		For >1,000 LF, Deduct	*-0.71*	
07 71 19 00-0094	LF	>10" To 18" Face Height, 0.032" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat	58.68	2.67
		For Up To 25 LF, Add	*9.09*	
		For >25 To 100 LF, Add	*4.55*	
		For >1,000 LF, Deduct	*-0.81*	
07 71 19 00-0095		0.040" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat *(07 71 19 00-0090)*		
07 71 19 00-0096	LF	4" To 6" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat	55.32	1.96
		For Up To 25 LF, Add	*7.93*	
		For >25 To 100 LF, Add	*3.96*	
		For >1,000 LF, Deduct	*-0.60*	
07 71 19 00-0097	LF	>6" To 10" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat	58.54	2.34
		For Up To 25 LF, Add	*8.69*	
		For >25 To 100 LF, Add	*4.34*	
		For >1,000 LF, Deduct	*-0.71*	
07 71 19 00-0098	LF	>10" To 18" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat	61.97	2.67
		For Up To 25 LF, Add	*9.42*	
		For >25 To 100 LF, Add	*4.71*	
		For >1,000 LF, Deduct	*-0.81*	
07 71 19 00-0099		0.050" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat *(07 71 19 00-0090)*		
07 71 19 00-0100	LF	4" To 6" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat	59.25	1.96
		For Up To 25 LF, Add	*8.32*	
		For >25 To 100 LF, Add	*4.16*	
		For >1,000 LF, Deduct	*-0.60*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 19 00-0101	LF	>6" To 10" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat	62.30	2.34
		For Up To 25 LF, Add	*9.06*	
		For >25 To 100 LF, Add	*4.53*	
		For >1,000 LF, Deduct	*-0.71*	
07 71 19 00-0102	LF	>10" To 18" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat	65.45	2.67
		For Up To 25 LF, Add	*9.77*	
		For >25 To 100 LF, Add	*4.88*	
		For >1,000 LF, Deduct	*-0.81*	

07 71 19 00-0103 0.063" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat *(07 71 19 00-0090)*

07 71 19 00-0104	LF	4" To 6" Face Height, 0.063" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat	61.91	1.96
		For Up To 25 LF, Add	*8.59*	
		For >25 To 100 LF, Add	*4.29*	
		For >1,000 LF, Deduct	*-0.60*	
07 71 19 00-0105	LF	>6" To 10" Face Height, 0.063" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat	65.06	2.34
		For Up To 25 LF, Add	*9.34*	
		For >25 To 100 LF, Add	*4.67*	
		For >1,000 LF, Deduct	*-0.71*	
07 71 19 00-0106	LF	>10" To 18" Face Height, 0.063" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat	68.32	2.67
		For Up To 25 LF, Add	*10.06*	
		For >25 To 100 LF, Add	*5.03*	
		For >1,000 LF, Deduct	*-0.81*	

07 71 19 00-0107 Stainless Steel Gravel Stop *(07 71 19 00-0001)*

07 71 19 00-0108 Stainless Steel Gravel Stop *(07 71 19 00-0107)*

07 71 19 00-0109 26 Gauge, Stainless Steel Gravel Stop *(07 71 19 00-0108)*

07 71 19 00-0110	LF	4" To 6" Face Height, 26 Gauge, Stainless Steel Gravel Stop	37.88	1.85
		For Up To 25 LF, Add	*5.97*	
		For >25 To 100 LF, Add	*2.98*	
		For >1,000 LF, Deduct	*-0.55*	
07 71 19 00-0111	LF	>6" To 10" Face Height, 26 Gauge, Stainless Steel Gravel Stop	49.83	2.18
		For Up To 25 LF, Add	*7.56*	
		For >25 To 100 LF, Add	*3.78*	
		For >1,000 LF, Deduct	*-0.64*	
07 71 19 00-0112	LF	>10" To 18" Face Height, 26 Gauge, Stainless Steel Gravel Stop	74.11	2.39
		For Up To 25 LF, Add	*10.33*	
		For >25 To 100 LF, Add	*5.16*	
		For >1,000 LF, Deduct	*-0.73*	

07 71 19 00-0113 24 Gauge, Stainless Steel Gravel Stop *(07 71 19 00-0108)*

07 71 19 00-0114	LF	4" To 6" Face Height, 24 Gauge, Stainless Steel Gravel Stop	47.28	1.85
		For Up To 25 LF, Add	*6.91*	
		For >25 To 100 LF, Add	*3.45*	
		For >1,000 LF, Deduct	*-0.55*	
07 71 19 00-0115	LF	>6" To 10" Face Height, 24 Gauge, Stainless Steel Gravel Stop	62.37	2.18
		For Up To 25 LF, Add	*8.81*	
		For >25 To 100 LF, Add	*4.40*	
		For >1,000 LF, Deduct	*-0.64*	
07 71 19 00-0116	LF	>10" To 18" Face Height, 24 Gauge, Stainless Steel Gravel Stop	92.92	2.39
		For Up To 25 LF, Add	*12.21*	
		For >25 To 100 LF, Add	*6.10*	
		For >1,000 LF, Deduct	*-0.73*	

07 71 19 00-0117 22 Gauge, Stainless Steel Gravel Stop *(07 71 19 00-0108)*

07 71 19 00-0118	LF	4" To 6" Face Height, 22 Gauge, Stainless Steel Gravel Stop	57.28	1.85
		For Up To 25 LF, Add	*7.91*	
		For >25 To 100 LF, Add	*3.95*	
		For >1,000 LF, Deduct	*-0.55*	
07 71 19 00-0119	LF	>6" To 10" Face Height, 22 Gauge, Stainless Steel Gravel Stop	75.70	2.18
		For Up To 25 LF, Add	*10.14*	
		For >25 To 100 LF, Add	*5.07*	
		For >1,000 LF, Deduct	*-0.64*	
07 71 19 00-0120	LF	>10" To 18" Face Height, 22 Gauge, Stainless Steel Gravel Stop	112.91	2.39
		For Up To 25 LF, Add	*14.21*	
		For >25 To 100 LF, Add	*7.10*	
		For >1,000 LF, Deduct	*-0.73*	

07 71 19 00-0121 Stainless Steel Gravel Stop System With Continuous Cleat *(07 71 19 00-0107)*

Note: Includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners.

07 71 19 00-0122 26 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat *(07 71 19 00-0121)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 19 00-0123	LF	4" To 6" Face Height, 26 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat	44.79	1.96
		For Up To 25 LF, Add	*6.88*	
		For >25 To 100 LF, Add	*3.44*	
		For >1,000 LF, Deduct	*-0.60*	
07 71 19 00-0124	LF	>6" To 10" Face Height, 26 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat	58.81	2.34
		For Up To 25 LF, Add	*8.71*	
		For >25 To 100 LF, Add	*4.36*	
		For >1,000 LF, Deduct	*-0.71*	
07 71 19 00-0125	LF	>10" To 18" Face Height, 26 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat	85.66	2.67
		For Up To 25 LF, Add	*11.79*	
		For >25 To 100 LF, Add	*5.90*	
		For >1,000 LF, Deduct	*-0.81*	
07 71 19 00-0126		24 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat *(07 71 19 00-0121)*		
07 71 19 00-0127	LF	4" To 6" Face Height, 24 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat	54.19	1.96
		For Up To 25 LF, Add	*7.82*	
		For >25 To 100 LF, Add	*3.91*	
		For >1,000 LF, Deduct	*-0.60*	
07 71 19 00-0128	LF	>6" To 10" Face Height, 24 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat	71.35	2.34
		For Up To 25 LF, Add	*9.97*	
		For >25 To 100 LF, Add	*4.98*	
		For >1,000 LF, Deduct	*-0.71*	
07 71 19 00-0129	LF	>10" To 18" Face Height, 24 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat	104.47	2.67
		For Up To 25 LF, Add	*13.67*	
		For >25 To 100 LF, Add	*6.84*	
		For >1,000 LF, Deduct	*-0.81*	
07 71 19 00-0130		22 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat *(07 71 19 00-0121)*		
07 71 19 00-0131	LF	4" To 6" Face Height, 22 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat	64.19	1.96
		For Up To 25 LF, Add	*8.82*	
		For >25 To 100 LF, Add	*4.41*	
		For >1,000 LF, Deduct	*-0.60*	
07 71 19 00-0132	LF	>6" To 10" Face Height, 22 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat	84.68	2.34
		For Up To 25 LF, Add	*11.30*	
		For >25 To 100 LF, Add	*5.65*	
		For >1,000 LF, Deduct	*-0.71*	
07 71 19 00-0133	LF	>10" To 18" Face Height, 22 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat	124.45	2.67
		For Up To 25 LF, Add	*15.67*	
		For >25 To 100 LF, Add	*7.83*	
		For >1,000 LF, Deduct	*-0.81*	
07 71 19 00-0134		Galvanized Steel Gravel Stop *(07 71 19 00-0001)*		
07 71 19 00-0135		Galvanized Steel Gravel Stop *(07 71 19 00-0134)*		
07 71 19 00-0136		KYNAR 500® Finish, Galvanized Steel Gravel Stop *(07 71 19 00-0135)*		
07 71 19 00-0137		24 Gauge, KYNAR 500® Finish, Galvanized Steel Gravel Stop *(07 71 19 00-0136)*		
07 71 19 00-0138	LF	4" To 6" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Gravel Stop	36.23	1.85
		For Up To 25 LF, Add	*5.80*	
		For >25 To 100 LF, Add	*2.90*	
		For >1,000 LF, Deduct	*-0.55*	
07 71 19 00-0139	LF	>6" To 10" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Gravel Stop	37.43	2.18
		For Up To 25 LF, Add	*6.32*	
		For >25 To 100 LF, Add	*3.16*	
		For >1,000 LF, Deduct	*-0.64*	
07 71 19 00-0140	LF	>10" To 18" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Gravel Stop	38.90	2.39
		For Up To 25 LF, Add	*6.81*	
		For >25 To 100 LF, Add	*3.40*	
		For >1,000 LF, Deduct	*-0.73*	
07 71 19 00-0141		Galvanized Steel Gravel Stop System With Continuous Cleat *(07 71 19 00-0134)*		
		Note: Includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners.		
07 71 19 00-0142		KYNAR 500® Finish, Galvanized Steel Gravel Stop System With Continuous Cleat *(07 71 19 00-0141)*		
07 71 19 00-0143		24 Gauge, KYNAR 500® Finish, Galvanized Steel Gravel Stop System With Continuous Cleat *(07 71 19 00-0142)*		
07 71 19 00-0144	LF	4" To 6" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Gravel Stop System With Continuous Cleat	41.44	1.96
		For Up To 25 LF, Add	*6.54*	
		For >25 To 100 LF, Add	*3.27*	
		For >1,000 LF, Deduct	*-0.60*	
07 71 19 00-0145	LF	>6" To 10" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Gravel Stop System With Continuous Cleat	44.18	2.34
		For Up To 25 LF, Add	*7.25*	
		For >25 To 100 LF, Add	*3.63*	
		For >1,000 LF, Deduct	*-0.71*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 19 00-0146	LF	>10" To 18" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Gravel Stop System With Continuous Cleat	47.57	2.67
		For Up To 25 LF, Add	*7.98*	
		For >25 To 100 LF, Add	*3.99*	
		For >1,000 LF, Deduct	*-0.81*	

07 71 19 00-0147 Copper Gravel Stop *(07 71 19 00-0001)*

07 71 19 00-0148 Copper Gravel Stop *(07 71 19 00-0147)*

07 71 19 00-0149 20 Ounce, Copper Gravel Stop *(07 71 19 00-0148)*

07 71 19 00-0150	LF	4" To 6" Face Height, 20 Ounce, Copper Gravel Stop	60.95	1.85
		For Up To 25 LF, Add	*8.28*	
		For >25 To 100 LF, Add	*4.14*	
		For >1,000 LF, Deduct	*-0.55*	
07 71 19 00-0151	LF	>6" To 10" Face Height, 20 Ounce, Copper Gravel Stop	69.77	2.18
		For Up To 25 LF, Add	*9.55*	
		For >25 To 100 LF, Add	*4.77*	
		For >1,000 LF, Deduct	*-0.64*	
07 71 19 00-0152	LF	>10" To 18" Face Height, 20 Ounce, Copper Gravel Stop	80.61	2.39
		For Up To 25 LF, Add	*10.98*	
		For >25 To 100 LF, Add	*5.49*	
		For >1,000 LF, Deduct	*-0.73*	

07 71 19 00-0153 16 Ounce, Copper Gravel Stop *(07 71 19 00-0148)*

07 71 19 00-0154	LF	4" To 6" Face Height, 16 Ounce, Copper Gravel Stop	74.12	1.85
		For Up To 25 LF, Add	*9.59*	
		For >25 To 100 LF, Add	*4.80*	
		For >1,000 LF, Deduct	*-0.55*	
07 71 19 00-0155	LF	>6" To 10" Face Height, 16 Ounce, Copper Gravel Stop	85.86	2.18
		For Up To 25 LF, Add	*11.16*	
		For >25 To 100 LF, Add	*5.58*	
		For >1,000 LF, Deduct	*-0.64*	
07 71 19 00-0156	LF	>10" To 18" Face Height, 16 Ounce, Copper Gravel Stop	98.16	2.39
		For Up To 25 LF, Add	*12.73*	
		For >25 To 100 LF, Add	*6.37*	
		For >1,000 LF, Deduct	*-0.73*	

07 71 19 00-0157 Copper Gravel Stop System With Continuous Cleat *(07 71 19 00-0147)*
Note: Includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners.

07 71 19 00-0158 20 Ounce, Copper Gravel Stop System With Continuous Cleat *(07 71 19 00-0157)*

07 71 19 00-0159	LF	4" To 6" Face Height, 20 Ounce, Copper Gravel Stop System With Continuous Cleat	63.39	1.96
		For Up To 25 LF, Add	*8.74*	
		For >25 To 100 LF, Add	*4.37*	
		For >1,000 LF, Deduct	*-0.60*	
07 71 19 00-0160	LF	>6" To 10" Face Height, 20 Ounce, Copper Gravel Stop System With Continuous Cleat	72.91	2.34
		For Up To 25 LF, Add	*10.12*	
		For >25 To 100 LF, Add	*5.06*	
		For >1,000 LF, Deduct	*-0.71*	
07 71 19 00-0161	LF	>10" To 18" Face Height, 20 Ounce, Copper Gravel Stop System With Continuous Cleat	84.60	2.67
		For Up To 25 LF, Add	*11.68*	
		For >25 To 100 LF, Add	*5.84*	
		For >1,000 LF, Deduct	*-0.81*	

07 71 19 00-0162 16 Ounce, Copper Gravel Stop System With Continuous Cleat *(07 71 19 00-0157)*

07 71 19 00-0163	LF	4" To 6" Face Height, 16 Ounce, Copper Gravel Stop System With Continuous Cleat	76.56	1.96
		For Up To 25 LF, Add	*10.05*	
		For >25 To 100 LF, Add	*5.03*	
		For >1,000 LF, Deduct	*-0.60*	
07 71 19 00-0164	LF	>6" To 10" Face Height, 16 Ounce, Copper Gravel Stop System With Continuous Cleat	89.00	2.34
		For Up To 25 LF, Add	*11.73*	
		For >25 To 100 LF, Add	*5.87*	
		For >1,000 LF, Deduct	*-0.71*	
07 71 19 00-0165	LF	>10" To 18" Face Height, 16 Ounce, Copper Gravel Stop System With Continuous Cleat	102.15	2.67
		For Up To 25 LF, Add	*13.44*	
		For >25 To 100 LF, Add	*6.72*	
		For >1,000 LF, Deduct	*-0.81*	

07 71 19 00-0166 Fascia *(07 71 19)*

07 71 19 00-0167 Snap-On Cover Fascia *(07 71 19 00-0166)*
Note: Includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners.

07 71 19 00-0168 Galvanized Steel Snap-On Cover Fascia *(07 71 19 00-0167)*

07 71 19 00-0169 KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia *(07 71 19 00-0168)*

07 71 19 00-0170 24 Gauge, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia *(07 71 19 00-0169)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 19 00-0171	LF	3" To 5" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia System With Continuous Cleat	44.40	2.73
		For Up To 25 LF, Add	*6.62*	
		For >25 To 100 LF, Add	*3.31*	
		For >1,000 LF, Deduct	*-0.55*	
07 71 19 00-0172	LF	>5" To 7" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia System With Continuous Cleat	50.00	2.83
		For Up To 25 LF, Add	*7.27*	
		For >25 To 100 LF, Add	*3.63*	
		For >1,000 LF, Deduct	*-0.57*	
07 71 19 00-0173	LF	>7" To 9" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia System With Continuous Cleat	53.56	2.94
		For Up To 25 LF, Add	*7.71*	
		For >25 To 100 LF, Add	*3.85*	
		For >1,000 LF, Deduct	*-0.59*	

07 71 19 00-0174 Accessories For KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems *(07 71 19 00-0169)*

07 71 19 00-0175 Fascia Sumps For KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems *(07 71 19 00-0174)*

07 71 19 00-0176	EA	Fascia Sump For 3" To 5" Face Height, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems	312.03	3.81
07 71 19 00-0177	EA	Fascia Sump For >5" To 7" Face Height, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems	333.32	3.81
07 71 19 00-0178	EA	Fascia Sump For >7" To 9" Face Height, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems	346.70	3.81

07 71 19 00-0179 Fascia Spillout Scuppers For KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems *(07 71 19 00-0174)*

07 71 19 00-0180	EA	Fascia Spillout Scupper For 3" To 5" Face Height, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems	254.04	3.81
07 71 19 00-0181	EA	Fascia Spillout Scupper For >5" To 7" Face Height, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems	264.79	3.81
07 71 19 00-0182	EA	Fascia Spillout Scupper For >7" To 9" Face Height, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems	271.33	3.81

07 71 19 00-0183 Aluminum Snap-On Cover Fascia *(07 71 19 00-0167)*

07 71 19 00-0184 KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat *(07 71 19 00-0183)*

07 71 19 00-0185 0.040" Thick, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat *(07 71 19 00-0184)*

07 71 19 00-0186	LF	3" To 5" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat	27.01	2.73
		For Up To 25 LF, Add	*4.88*	
		For >25 To 100 LF, Add	*2.44*	
		For >1,000 LF, Deduct	*-0.55*	
07 71 19 00-0187	LF	>5" To 7" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat	30.63	2.83
		For Up To 25 LF, Add	*5.33*	
		For >25 To 100 LF, Add	*2.67*	
		For >1,000 LF, Deduct	*-0.57*	
07 71 19 00-0188	LF	>7" To 9" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat	32.52	2.94
		For Up To 25 LF, Add	*5.60*	
		For >25 To 100 LF, Add	*2.80*	
		For >1,000 LF, Deduct	*-0.59*	

07 71 19 00-0189 0.050" Thick, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat *(07 71 19 00-0184)*

07 71 19 00-0190	LF	3" To 5" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat	28.42	2.73
		For Up To 25 LF, Add	*5.02*	
		For >25 To 100 LF, Add	*2.51*	
		For >1,000 LF, Deduct	*-0.55*	
07 71 19 00-0191	LF	>5" To 7" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat	32.45	2.83
		For Up To 25 LF, Add	*5.51*	
		For >25 To 100 LF, Add	*2.76*	
		For >1,000 LF, Deduct	*-0.57*	
07 71 19 00-0192	LF	>7" To 9" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat	34.55	2.94
		For Up To 25 LF, Add	*5.81*	
		For >25 To 100 LF, Add	*2.90*	
		For >1,000 LF, Deduct	*-0.59*	

07 71 19 00-0193 Accessories For KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems *(07 71 19 00-0184)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 19 00-0194		**Fascia Sumps For KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems** *(07 71 19 00-0193)*		
07 71 19 00-0195	EA	Fascia Sump For 3" To 5" Face Height, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems	179.22	3.81
07 71 19 00-0196	EA	Fascia Sump For >5" To 7" Face Height, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems	194.46	3.81
07 71 19 00-0197	EA	Fascia Sump For >7" To 9" Face Height, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems	201.13	3.81
07 71 19 00-0198		**Fascia Spillout Scuppers For KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems** *(07 71 19 00-0193)*		
07 71 19 00-0199	EA	Fascia Spillout Scupper For 3" To 5" Face Height, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems	141.66	3.81
07 71 19 00-0200	EA	Fascia Spillout Scupper For >5" To 7" Face Height, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems	149.25	3.81
07 71 19 00-0201	EA	Fascia Spillout Scupper For >7" To 9" Face Height, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems	152.57	3.81
07 71 19 00-0202		**Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat** *(07 71 19 00-0183)*		
07 71 19 00-0203		**0.040" Thick, Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat** *(07 71 19 00-0202)*		
07 71 19 00-0204	LF	3" To 5" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat	31.32	2.73
		For Up To 25 LF, Add	*5.31*	
		For >25 To 100 LF, Add	*2.66*	
		For >1,000 LF, Deduct	*-0.55*	
07 71 19 00-0205	LF	>5" To 7" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat	35.63	2.83
		For Up To 25 LF, Add	*5.83*	
		For >25 To 100 LF, Add	*2.92*	
		For >1,000 LF, Deduct	*-0.57*	
07 71 19 00-0206	LF	>7" To 9" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat	37.84	2.94
		For Up To 25 LF, Add	*6.14*	
		For >25 To 100 LF, Add	*3.07*	
		For >1,000 LF, Deduct	*-0.59*	
07 71 19 00-0207		**0.050" Thick, Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat** *(07 71 19 00-0202)*		
07 71 19 00-0208	LF	3" To 5" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat	33.02	2.73
		For Up To 25 LF, Add	*5.48*	
		For >25 To 100 LF, Add	*2.74*	
		For >1,000 LF, Deduct	*-0.55*	
07 71 19 00-0209	LF	>5" To 7" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat	37.80	2.83
		For Up To 25 LF, Add	*6.05*	
		For >25 To 100 LF, Add	*3.02*	
		For >1,000 LF, Deduct	*-0.57*	
07 71 19 00-0210	LF	>7" To 9" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat	40.28	2.94
		For Up To 25 LF, Add	*6.38*	
		For >25 To 100 LF, Add	*3.19*	
		For >1,000 LF, Deduct	*-0.59*	
07 71 19 00-0211		**Accessories For Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems** *(07 71 19 00-0202)*		
07 71 19 00-0212		**Fascia Sumps For Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems** *(07 71 19 00-0211)*		
07 71 19 00-0213	EA	Fascia Sump For 3" To 5" Face Height, Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems	222.12	3.81
07 71 19 00-0214	EA	Fascia Sump For >5" To 7" Face Height, Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems	241.17	3.81
07 71 19 00-0215	EA	Fascia Sump For >7" To 9" Face Height, Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems	249.50	3.81
07 71 19 00-0216		**Fascia Spillout Scuppers For Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems** *(07 71 19 00-0211)*		
07 71 19 00-0217	EA	Fascia Spillout Scupper For 3" To 5" Face Height, Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems	175.16	3.81
07 71 19 00-0218	EA	Fascia Spillout Scupper For >5" To 7" Face Height, Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems	184.65	3.81
07 71 19 00-0219	EA	Fascia Spillout Scupper For >7" To 9" Face Height, Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems	188.80	3.81

07 71 23 Manufactured Gutters and Downspouts *(07 71)*

Note: Includes all necessary support straps.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0001		Aluminum Gutters And Downspouts *(07 71 23)*		
07 71 23 00-0002		Aluminum Gutters *(07 71 23 00-0001)*		
		Note: Includes drop outlets, hangers and fasteners. Excludes end caps, miters and downspouts.		
07 71 23 00-0003		K-Style Aluminum Gutters *(07 71 23 00-0002)*		
07 71 23 00-0004	LF	5", 0.027" Thick, K-Style Aluminum Gutter	10.69	4.31
		For Up To 100', Add	*2.14*	
		For >100' To 250', Add	*0.89*	
		For >1,000', Deduct	*-0.71*	
		For Kynar 500® Finish, Add	*1.61*	
07 71 23 00-0005	LF	6", 0.027" Thick, K-Style Aluminum Gutter	12.03	4.55
		For Up To 100', Add	*2.32*	
		For >100' To 250', Add	*0.97*	
		For >1,000', Deduct	*-0.75*	
		For Kynar 500® Finish, Add	*2.06*	
07 71 23 00-0006	LF	5", 0.032" Thick, K-Style Aluminum Gutter	11.21	4.31
		For Up To 100', Add	*2.19*	
		For >100' To 250', Add	*0.92*	
		For >1,000', Deduct	*-0.71*	
		For Kynar 500® Finish, Add	*1.85*	
07 71 23 00-0007	LF	6", 0.032" Thick, K-Style Aluminum Gutter	12.69	4.55
		For Up To 100', Add	*2.39*	
		For >100' To 250', Add	*1.01*	
		For >1,000', Deduct	*-0.75*	
		For Kynar 500® Finish, Add	*2.35*	
07 71 23 00-0008	LF	7", 0.032" Thick, K-Style Aluminum Gutter	24.94	4.78
		For Up To 100', Add	*3.70*	
		For >100' To 250', Add	*1.65*	
		For >1,000', Deduct	*-0.80*	
		For Kynar 500® Finish, Add	*7.61*	
07 71 23 00-0009	LF	8", 0.032" Thick, K-Style Aluminum Gutter	27.33	5.37
		For Up To 100', Add	*4.06*	
		For >100' To 250', Add	*1.81*	
		For >1,000', Deduct	*-0.89*	
		For Kynar 500® Finish, Add	*8.31*	
07 71 23 00-0010	LF	8", 0.040" Thick, K-Style Aluminum Gutter	30.90	5.37
		For Up To 100', Add	*4.42*	
		For >100' To 250', Add	*1.99*	
		For >1,000', Deduct	*-0.89*	
		For Kynar 500® Finish, Add	*9.92*	
07 71 23 00-0011		Half Round Aluminum Gutters *(07 71 23 00-0002)*		
07 71 23 00-0012	LF	5", 0.027" Thick, Half Round Aluminum Gutter	21.02	4.31
		For Up To 100', Add	*3.17*	
		For >100' To 250', Add	*1.41*	
		For >1,000', Deduct	*-0.71*	
		For Kynar 500® Finish, Add	*6.26*	
07 71 23 00-0013	LF	6", 0.032" Thick, Half Round Aluminum Gutter	25.57	4.55
		For Up To 100', Add	*3.68*	
		For >100' To 250', Add	*1.65*	
		For >1,000', Deduct	*-0.75*	
		For Kynar 500® Finish, Add	*8.15*	
07 71 23 00-0014		Box Style Aluminum Gutters *(07 71 23 00-0002)*		
07 71 23 00-0015	LF	6", 0.027" Thick, Box Style Aluminum Gutter	21.77	5.37
		For Up To 100', Add	*3.51*	
		For >100' To 250', Add	*1.53*	
		For >1,000', Deduct	*-0.89*	
		For Kynar 500® Finish, Add	*5.81*	
07 71 23 00-0016	LF	6", 0.032" Thick, Box Style Aluminum Gutter	21.83	5.37
		For Up To 100', Add	*3.51*	
		For >100' To 250', Add	*1.53*	
		For >1,000', Deduct	*-0.89*	
		For Kynar 500® Finish, Add	*5.84*	
07 71 23 00-0017	LF	7", 0.032" Thick, Box Style Aluminum Gutter	25.60	5.71
		For Up To 100', Add	*3.98*	
		For >100' To 250', Add	*1.75*	
		For >1,000', Deduct	*-0.94*	
		For Kynar 500® Finish, Add	*7.27*	
07 71 23 00-0018	LF	8", 0.032" Thick, Box Style Aluminum Gutter	29.06	6.06
		For Up To 100', Add	*4.41*	
		For >100' To 250', Add	*1.95*	
		For >1,000', Deduct	*-1.00*	
		For Kynar 500® Finish, Add	*8.56*	
07 71 23 00-0019		Aluminum Gutter End Caps *(07 71 23 00-0001)*		
07 71 23 00-0020		K-Style, Aluminum Gutter End Caps *(07 71 23 00-0019)*		
07 71 23 00-0021	EA	5", K-Style Aluminum Gutter End Cap	3.58	
		For Kynar 500® Finish, Add	*0.56*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0022	EA	6", K-Style Aluminum Gutter End Cap	4.59	
		For Kynar 500® Finish, Add	*1.01*	
07 71 23 00-0023	EA	7", K-Style Aluminum Gutter End Cap	10.75	
		For Kynar 500® Finish, Add	*3.78*	
07 71 23 00-0024	EA	8", K-Style Aluminum Gutter End Cap	12.63	
		For Kynar 500® Finish, Add	*4.63*	
07 71 23 00-0025		**Half Round, Aluminum Gutter End Caps** *(07 71 23 00-0019)*		
07 71 23 00-0026	EA	5", Half Round Aluminum Gutter End Cap	6.17	
		For Kynar 500® Finish, Add	*1.72*	
07 71 23 00-0027	EA	6", Half Round Aluminum Gutter End Cap	9.90	
		For Kynar 500® Finish, Add	*3.40*	
07 71 23 00-0028		**Box Style, Aluminum Gutter End Caps** *(07 71 23 00-0019)*		
07 71 23 00-0029	EA	6", Box Style Aluminum Gutter End Cap	11.78	
		For Kynar 500® Finish, Add	*4.25*	
07 71 23 00-0030	EA	7", Box Style Aluminum Gutter End Cap	12.86	
		For Kynar 500® Finish, Add	*4.73*	
07 71 23 00-0031	EA	8", Box Style Aluminum Gutter End Cap	15.21	
		For Kynar 500® Finish, Add	*5.79*	
07 71 23 00-0032		**Aluminum Gutter Miters** *(07 71 23 00-0001)*		
		Note: Inside or outside miters.		
07 71 23 00-0033		**K-Style, Aluminum Gutter Miters** *(07 71 23 00-0032)*		
07 71 23 00-0034	EA	5", K-Style Aluminum Gutter Miter	21.61	
		For Kynar 500® Finish, Add	*4.43*	
07 71 23 00-0035	EA	6", K-Style Aluminum Gutter Miter	29.62	
		For Kynar 500® Finish, Add	*7.66*	
07 71 23 00-0036	EA	7", K-Style Aluminum Gutter Miter	95.38	
		For Kynar 500® Finish, Add	*36.89*	
07 71 23 00-0037	EA	8", K-Style Aluminum Gutter Miter	103.60	
		For Kynar 500® Finish, Add	*40.17*	
07 71 23 00-0038		**Half Round, Aluminum Gutter Miters** *(07 71 23 00-0032)*		
07 71 23 00-0039	EA	5", Half Round Aluminum Gutter Miter	39.67	
		For Kynar 500® Finish, Add	*12.56*	
07 71 23 00-0040	EA	6", Half Round Aluminum Gutter Miter	63.98	
		For Kynar 500® Finish, Add	*23.13*	
07 71 23 00-0041		**Box Style, Aluminum Gutter Miters** *(07 71 23 00-0032)*		
07 71 23 00-0042	EA	6", Box Style Aluminum Gutter Miter	76.83	
		For Kynar 500® Finish, Add	*28.91*	
07 71 23 00-0043	EA	7", Box Style Aluminum Gutter Miter	115.89	
		For Kynar 500® Finish, Add	*46.12*	
07 71 23 00-0044	EA	8", Box Style Aluminum Gutter Miter	125.91	
		For Kynar 500® Finish, Add	*50.21*	
07 71 23 00-0045		**Aluminum Gutter Wire Strainers** *(07 71 23 00-0001)*		
07 71 23 00-0046	EA	3" Diameter, Round Aluminum Wire Strainer	15.34	2.91
		For Kynar 500® Finish, Add	*4.17*	
		For 0.024" Thick, Add	*1.30*	
		For 0.027" Thick, Add	*2.69*	
		For 0.031" Thick, Add	*3.89*	
07 71 23 00-0047	EA	4" Diameter, Round Aluminum Wire Strainer	23.14	2.91
		For Kynar 500® Finish, Add	*7.68*	
		For 0.024" Thick, Add	*2.39*	
		For 0.027" Thick, Add	*4.95*	
		For 0.031" Thick, Add	*7.17*	
07 71 23 00-0048		**Aluminum Downspouts** *(07 71 23 00-0001)*		
		Note: Includes elbows, hangers and fasteners.		
07 71 23 00-0049		**Round Aluminum Downspouts** *(07 71 23 00-0048)*		
07 71 23 00-0050	LF	3" Diameter, 0.019" Thick, Round Aluminum Downspout	7.94	2.80
		For Up To 100', Add	*1.25*	
		For >100 To 250', Add	*0.55*	
		For >1,000', Deduct	*-0.30*	
		For Kynar 500® Finish, Add	*2.21*	
		For 0.024" Thick, Add	*0.69*	
		For 0.027" Thick, Add	*1.42*	
		For 0.031" Thick, Add	*2.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0051	LF	4" Diameter, 0.019" Thick, Round Aluminum Downspout	9.09	2.80
		For Up To 100', Add	*1.36*	
		For >100 To 250', Add	*0.61*	
		For >1,000', Deduct	*-0.30*	
		For Kynar 500® Finish, Add	*2.73*	
		For 0.024" Thick, Add	*0.85*	
		For 0.027" Thick, Add	*1.76*	
		For 0.031" Thick, Add	*2.55*	
07 71 23 00-0052		**Rectangular Aluminum Downspouts** *(07 71 23 00-0048)*		
07 71 23 00-0053	LF	2" x 3", 0.019" Thick, Rectangular Aluminum Downspout	5.55	2.80
		For Up To 100', Add	*1.01*	
		For >100 To 250', Add	*0.43*	
		For >1,000', Deduct	*-0.30*	
		For Kynar 500® Finish, Add	*1.13*	
		For 0.024" Thick, Add	*0.35*	
		For 0.027" Thick, Add	*0.73*	
		For 0.031" Thick, Add	*1.06*	
07 71 23 00-0054	LF	3" x 4", 0.019" Thick, Rectangular Aluminum Downspout	7.01	2.80
		For Up To 100', Add	*1.16*	
		For >100 To 250', Add	*0.50*	
		For >1,000', Deduct	*-0.30*	
		For Kynar 500® Finish, Add	*1.79*	
		For 0.024" Thick, Add	*0.56*	
		For 0.027" Thick, Add	*1.15*	
		For 0.031" Thick, Add	*1.67*	
07 71 23 00-0055	LF	4" x 5", 0.019" Thick, Rectangular Aluminum Downspout	13.17	2.80
		For Up To 100', Add	*1.77*	
		For >100 To 250', Add	*0.81*	
		For >1,000', Deduct	*-0.30*	
		For Kynar 500® Finish, Add	*4.56*	
		For 0.024" Thick, Add	*1.42*	
		For 0.027" Thick, Add	*2.94*	
		For 0.031" Thick, Add	*4.26*	
07 71 23 00-0056		**Aluminum Devices** *(07 71 23 00-0001)*		
07 71 23 00-0057	EA	Thru-Wall Aluminum Scupper Outlet	259.11	24.36
		For Kynar 500® Finish, Add	*80.05*	
07 71 23 00-0058	EA	Aluminum Leader/Conductor Head	267.67	27.08
		For Kynar 500® Finish, Add	*96.09*	
07 71 23 00-0059		**Copper Gutters And Downspouts** *(07 71 23)*		
07 71 23 00-0060		**Copper Gutters** *(07 71 23 00-0059)*		
		Note: Includes drop outlets, hangers and fasteners. Excludes end caps, miters and downspouts.		
07 71 23 00-0061		**K-Style Copper Gutters** *(07 71 23 00-0060)*		
07 71 23 00-0062	LF	4", 16 Ounce, K-Style Copper Gutter	17.68	4.08
		For Up To 100', Add	*2.78*	
		For >100' To 250', Add	*1.22*	
		For >1,000', Deduct	*-0.68*	
07 71 23 00-0063	LF	5", 16 Ounce, K-Style Copper Gutter	24.83	4.31
		For Up To 100', Add	*3.55*	
		For >100' To 250', Add	*1.60*	
		For >1,000', Deduct	*-0.71*	
07 71 23 00-0064	LF	6", 16 Ounce, K-Style Copper Gutter	29.53	4.55
		For Up To 100', Add	*4.07*	
		For >100' To 250', Add	*1.85*	
		For >1,000', Deduct	*-0.75*	
07 71 23 00-0065	LF	5", 20 Ounce, K-Style Copper Gutter	31.20	4.31
		For Up To 100', Add	*4.19*	
		For >100' To 250', Add	*1.92*	
		For >1,000', Deduct	*-0.71*	
07 71 23 00-0066	LF	6", 20 Ounce, K-Style Copper Gutter	38.55	4.55
		For Up To 100', Add	*4.97*	
		For >100' To 250', Add	*2.30*	
		For >1,000', Deduct	*-0.75*	
07 71 23 00-0067	LF	7", 20 Ounce, K-Style Copper Gutter	45.05	4.78
		For Up To 100', Add	*5.71*	
		For >100' To 250', Add	*2.65*	
		For >1,000', Deduct	*-0.80*	
07 71 23 00-0068	LF	8", 20 Ounce, K-Style Copper Gutter	50.07	5.37
		For Up To 100', Add	*6.34*	
		For >100' To 250', Add	*2.95*	
		For >1,000', Deduct	*-0.89*	
07 71 23 00-0069		**Half Round Copper Gutters** *(07 71 23 00-0060)*		
07 71 23 00-0070	LF	5", 16 Ounce, Half Round Copper Gutter	21.51	4.31
		For Up To 100', Add	*3.22*	
		For >100' To 250', Add	*1.43*	
		For >1,000', Deduct	*-0.71*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0071	LF	6", 16 Ounce, Half Round Copper Gutter	27.06	4.55
		For Up To 100', Add	*3.83*	
		For >100' To 250', Add	*1.73*	
		For >1,000', Deduct	*-0.75*	
07 71 23 00-0072	LF	7", 16 Ounce, Half Round Copper Gutter	44.94	4.78
		For Up To 100', Add	*5.70*	
		For >100' To 250', Add	*2.65*	
		For >1,000', Deduct	*-0.80*	
07 71 23 00-0073	LF	5", 20 Ounce, Half Round Copper Gutter	24.99	4.31
		For Up To 100', Add	*3.57*	
		For >100' To 250', Add	*1.61*	
		For >1,000', Deduct	*-0.71*	
07 71 23 00-0074	LF	6", 20 Ounce, Half Round Copper Gutter	30.75	4.55
		For Up To 100', Add	*4.19*	
		For >100' To 250', Add	*1.91*	
		For >1,000', Deduct	*-0.75*	
07 71 23 00-0075	LF	7", 20 Ounce, Half Round Copper Gutter	47.20	4.78
		For Up To 100', Add	*5.93*	
		For >100' To 250', Add	*2.76*	
		For >1,000', Deduct	*-0.80*	
07 71 23 00-0076	LF	8", 20 Ounce, Half Round Copper Gutter	53.60	5.37
		For Up To 100', Add	*6.69*	
		For >100' To 250', Add	*3.12*	
		For >1,000', Deduct	*-0.89*	

07 71 23 00-0077 Box Style Copper Gutters *(07 71 23 00-0060)*

07 71 23 00-0078	LF	5", 16 Ounce, Box Style Copper Gutter	25.07	4.89
		For Up To 100', Add	*3.73*	
		For >100' To 250', Add	*1.66*	
		For >1,000', Deduct	*-0.82*	
07 71 23 00-0079	LF	6", 16 Ounce, Box Style Copper Gutter	26.99	5.37
		For Up To 100', Add	*4.03*	
		For >100' To 250', Add	*1.79*	
		For >1,000', Deduct	*-0.89*	
07 71 23 00-0080	LF	7", 16 Ounce, Box Style Copper Gutter	32.62	5.71
		For Up To 100', Add	*4.68*	
		For >100' To 250', Add	*2.10*	
		For >1,000', Deduct	*-0.94*	
07 71 23 00-0081	LF	8", 16 Ounce, Box Style Copper Gutter	33.35	6.06
		For Up To 100', Add	*4.84*	
		For >100' To 250', Add	*2.17*	
		For >1,000', Deduct	*-1.00*	
07 71 23 00-0082	LF	5", 20 Ounce, Box Style Copper Gutter	28.47	4.89
		For Up To 100', Add	*4.07*	
		For >100' To 250', Add	*1.83*	
		For >1,000', Deduct	*-0.82*	
07 71 23 00-0083	LF	6", 20 Ounce, Box Style Copper Gutter	30.38	5.37
		For Up To 100', Add	*4.37*	
		For >100' To 250', Add	*1.96*	
		For >1,000', Deduct	*-0.89*	
07 71 23 00-0084	LF	7", 20 Ounce, Box Style Copper Gutter	36.02	5.71
		For Up To 100', Add	*5.02*	
		For >100' To 250', Add	*2.27*	
		For >1,000', Deduct	*-0.94*	
07 71 23 00-0085	LF	8", 20 Ounce, Box Style Copper Gutter	36.74	6.06
		For Up To 100', Add	*5.18*	
		For >100' To 250', Add	*2.34*	
		For >1,000', Deduct	*-1.00*	

07 71 23 00-0086 Copper Gutter End Caps *(07 71 23 00-0059)*

07 71 23 00-0087 K-Style, Copper Gutter End Caps *(07 71 23 00-0086)*

07 71 23 00-0088	EA	4", K-Style Copper Gutter End Cap	6.10
07 71 23 00-0089	EA	5", K-Style Copper Gutter End Cap	6.52
07 71 23 00-0090	EA	6", K-Style Copper Gutter End Cap	6.93
07 71 23 00-0091	EA	7", K-Style Copper Gutter End Cap	18.06
07 71 23 00-0092	EA	8", K-Style Copper Gutter End Cap	21.96

07 71 23 00-0093 Half Round, Copper Gutter End Caps *(07 71 23 00-0086)*

07 71 23 00-0094	EA	4", Half Round Copper Gutter End Cap	7.33
07 71 23 00-0095	EA	5", Half Round Copper Gutter End Cap	8.21
07 71 23 00-0096	EA	6", Half Round Copper Gutter End Cap	12.29
07 71 23 00-0097	EA	7", Half Round Copper Gutter End Cap	36.52
07 71 23 00-0098	EA	8", Half Round Copper Gutter End Cap	43.09

07 71 23 00-0099 Box Style, Copper Gutter End Caps *(07 71 23 00-0086)*

07 71 23 00-0100	EA	5", Box Style Copper Gutter End Cap	13.89
07 71 23 00-0101	EA	6", Box Style Copper Gutter End Cap	14.57
07 71 23 00-0102	EA	7", Box Style Copper Gutter End Cap	15.24
07 71 23 00-0103	EA	8", Box Style Copper Gutter End Cap	16.60

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0104		**Copper Gutter Miters** *(07 71 23 00-0059)* Note: Inside or outside miters.		
07 71 23 00-0105		**K-Style, Copper Gutter Miters** *(07 71 23 00-0104)*		
07 71 23 00-0106	EA	4", K-Style Copper Gutter Miter	38.83	
07 71 23 00-0107	EA	5", K-Style Copper Gutter Miter	43.93	
07 71 23 00-0108	EA	6", K-Style Copper Gutter Miter	62.83	
07 71 23 00-0109	EA	7", K-Style Copper Gutter Miter	88.49	
07 71 23 00-0110	EA	8", K-Style Copper Gutter Miter	103.68	
07 71 23 00-0111		**Half Round, Copper Gutter Miters** *(07 71 23 00-0104)*		
07 71 23 00-0112	EA	4", Half Round Copper Gutter Miter	60.07	
07 71 23 00-0113	EA	5", Half Round Copper Gutter Miter	55.70	
07 71 23 00-0114	EA	6", Half Round Copper Gutter Miter	79.86	
07 71 23 00-0115	EA	7", Half Round Copper Gutter Miter	95.10	
07 71 23 00-0116	EA	8", Half Round Copper Gutter Miter	112.24	
07 71 23 00-0117		**Box Style, Copper Gutter Miters** *(07 71 23 00-0104)*		
07 71 23 00-0118	EA	5", 16 Ounce Box Style Copper Gutter Miter	66.04	
07 71 23 00-0119	EA	6", 16 Ounce Box Style Copper Gutter Miter	68.22	
07 71 23 00-0120	EA	7", 16 Ounce Box Style Copper Gutter Miter	74.47	
07 71 23 00-0121	EA	8", 16 Ounce Box Style Copper Gutter Miter	76.02	
07 71 23 00-0122	EA	5", 20 Ounce Box Style Copper Gutter Miter	72.83	
07 71 23 00-0123	EA	6", 20 Ounce Box Style Copper Gutter Miter	75.01	
07 71 23 00-0124	EA	7", 20 Ounce Box Style Copper Gutter Miter	81.26	
07 71 23 00-0125	EA	8", 20 Ounce Box Style Copper Gutter Miter	88.98	
07 71 23 00-0126		**Copper Gutter Wire Strainers** *(07 71 23 00-0059)*		
07 71 23 00-0127	EA	2" Diameter, Round Copper Wire Strainer	20.09	2.91
07 71 23 00-0128	EA	3" Diameter, Round Copper Wire Strainer	24.70	2.91
07 71 23 00-0129	EA	4" Diameter, Round Copper Wire Strainer	39.74	2.91
07 71 23 00-0130	EA	5" Diameter, Round Copper Wire Strainer	52.84	2.91
07 71 23 00-0131	EA	6" Diameter, Round Copper Wire Strainer	63.82	2.91
07 71 23 00-0132		**Copper Downspouts** *(07 71 23 00-0059)* Note: Includes elbows, hangers and fasteners.		
07 71 23 00-0133		**Round Copper Downspouts** *(07 71 23 00-0132)*		
07 71 23 00-0134	LF	2" Diameter, 16 Ounce, Round Copper Downspout	24.57	2.80
		For Up To 100', Add	*2.91*	
		For >100 To 250', Add	*1.38*	
		For >1,000', Deduct	*-0.30*	
07 71 23 00-0135	LF	3" Diameter, 16 Ounce, Round Copper Downspout	17.22	2.80
		For Up To 100', Add	*2.18*	
		For >100 To 250', Add	*1.01*	
		For >1,000', Deduct	*-0.30*	
07 71 23 00-0136	LF	4" Diameter, 16 Ounce, Round Copper Downspout	21.61	2.80
		For Up To 100', Add	*2.62*	
		For >100 To 250', Add	*1.23*	
		For >1,000', Deduct	*-0.30*	
07 71 23 00-0137	LF	5" Diameter, 16 Ounce, Round Copper Downspout	34.33	2.80
		For Up To 100', Add	*3.89*	
		For >100 To 250', Add	*1.87*	
		For >1,000', Deduct	*-0.30*	
07 71 23 00-0138	LF	6" Diameter, 16 Ounce, Round Copper Downspout	44.04	2.80
		For Up To 100', Add	*4.86*	
		For >100 To 250', Add	*2.35*	
		For >1,000', Deduct	*-0.30*	
07 71 23 00-0139	LF	3" Diameter, 20 Ounce, Round Copper Downspout	23.17	2.80
		For Up To 100', Add	*2.77*	
		For >100 To 250', Add	*1.31*	
		For >1,000', Deduct	*-0.30*	
07 71 23 00-0140	LF	4" Diameter, 20 Ounce, Round Copper Downspout	29.96	2.80
		For Up To 100', Add	*3.45*	
		For >100 To 250', Add	*1.65*	
		For >1,000', Deduct	*-0.30*	
07 71 23 00-0141	LF	5" Diameter, 20 Ounce, Round Copper Downspout	45.37	2.80
		For Up To 100', Add	*4.99*	
		For >100 To 250', Add	*2.42*	
		For >1,000', Deduct	*-0.30*	
07 71 23 00-0142		**Square Copper Downspouts** *(07 71 23 00-0132)*		
07 71 23 00-0143	LF	3" Diameter, 16 Ounce, Square Copper Downspout	12.03	2.80
		For Up To 100', Add	*1.66*	
		For >100 To 250', Add	*0.75*	
		For >1,000', Deduct	*-0.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0144	LF	4" Diameter, 16 Ounce, Square Copper Downspout	14.95	2.80
		For Up To 100', Add	*1.95*	
		For >100 To 250', Add	*0.90*	
		For >1,000', Deduct	*-0.30*	
07 71 23 00-0145	LF	5" Diameter, 16 Ounce, Square Copper Downspout	21.25	2.80
		For Up To 100', Add	*2.58*	
		For >100 To 250', Add	*1.21*	
		For >1,000', Deduct	*-0.30*	
07 71 23 00-0146	LF	3" Diameter, 20 Ounce, Square Copper Downspout	13.83	2.80
		For Up To 100', Add	*1.84*	
		For >100 To 250', Add	*0.84*	
		For >1,000', Deduct	*-0.30*	
07 71 23 00-0147	LF	4" Diameter, 20 Ounce, Square Copper Downspout	17.48	2.80
		For Up To 100', Add	*2.20*	
		For >100 To 250', Add	*1.03*	
		For >1,000', Deduct	*-0.30*	
07 71 23 00-0148	LF	5" Diameter, 20 Ounce, Square Copper Downspout	24.96	2.80
		For Up To 100', Add	*2.95*	
		For >100 To 250', Add	*1.40*	
		For >1,000', Deduct	*-0.30*	
07 71 23 00-0149		**Rectangular Copper Downspouts** *(07 71 23 00-0132)*		
07 71 23 00-0150	LF	2" x 3", 16 Ounce, Rectangular Copper Downspout	17.67	2.80
		For Up To 100', Add	*2.22*	
		For >100 To 250', Add	*1.04*	
		For >1,000', Deduct	*-0.30*	
07 71 23 00-0151	LF	3" x 4", 16 Ounce, Rectangular Copper Downspout	22.26	2.80
		For Up To 100', Add	*2.68*	
		For >100 To 250', Add	*1.26*	
		For >1,000', Deduct	*-0.30*	
07 71 23 00-0152	LF	4" x 5", 16 Ounce, Rectangular Copper Downspout	31.52	2.80
		For Up To 100', Add	*3.61*	
		For >100 To 250', Add	*1.73*	
		For >1,000', Deduct	*-0.30*	
07 71 23 00-0153	LF	2" x 3", 20 Ounce, Rectangular Copper Downspout	20.52	2.80
		For Up To 100', Add	*2.51*	
		For >100 To 250', Add	*1.18*	
		For >1,000', Deduct	*-0.30*	
07 71 23 00-0154	LF	3" x 4", 20 Ounce, Rectangular Copper Downspout	26.21	2.80
		For Up To 100', Add	*3.08*	
		For >100 To 250', Add	*1.46*	
		For >1,000', Deduct	*-0.30*	
07 71 23 00-0155	LF	4" x 5", 20 Ounce, Rectangular Copper Downspout	37.48	2.80
		For Up To 100', Add	*4.20*	
		For >100 To 250', Add	*2.03*	
		For >1,000', Deduct	*-0.30*	
07 71 23 00-0156		**Copper Devices And Accessories** *(07 71 23 00-0059)*		
07 71 23 00-0157	EA	Thru-Wall Copper Scupper Outlet	203.82	24.36
07 71 23 00-0158	EA	Copper Leader/Conductor Head	287.54	27.08
07 71 23 00-0159	EA	Copper Eave Box	130.31	17.49
07 71 23 00-0160		**Galvanized Steel Gutters And Downspouts** *(07 71 23)*		
07 71 23 00-0161		**Galvanized Steel Gutters** *(07 71 23 00-0160)*		
		Note: Includes drop outlets, hangers and fasteners. Excludes end caps, miters and downspouts.		
07 71 23 00-0162		**K-Style Galvanized Steel Gutters** *(07 71 23 00-0161)*		
07 71 23 00-0163	LF	5", 26 Gauge, K-Style Galvanized Steel Gutter	13.62	4.31
		For Up To 100', Add	*2.43*	
		For >100' To 250', Add	*1.04*	
		For >1,000', Deduct	*-0.71*	
		For Kynar 500® Finish, Add	*2.93*	
		For 24 Gauge, Add	*1.82*	
		For 22 Gauge, Add	*3.58*	
07 71 23 00-0164	LF	6", 26 Gauge, K-Style Galvanized Steel Gutter	15.96	4.55
		For Up To 100', Add	*2.72*	
		For >100' To 250', Add	*1.17*	
		For >1,000', Deduct	*-0.75*	
		For Kynar 500® Finish, Add	*3.83*	
		For 24 Gauge, Add	*2.38*	
		For 22 Gauge, Add	*4.68*	
07 71 23 00-0165	LF	7", 26 Gauge, K-Style Galvanized Steel Gutter	34.20	4.78
		For Up To 100', Add	*4.63*	
		For >100' To 250', Add	*2.11*	
		For >1,000', Deduct	*-0.80*	
		For Kynar 500® Finish, Add	*11.77*	
		For 24 Gauge, Add	*7.32*	
		For 22 Gauge, Add	*14.39*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0166	LF	8", 26 Gauge, K-Style Galvanized Steel Gutter	36.01	5.37
		For Up To 100', Add	*4.93*	
		For >100' To 250', Add	*2.24*	
		For >1,000', Deduct	*-0.89*	
		For Kynar 500® Finish, Add	*12.22*	
		For 24 Gauge, Add	*7.60*	
		For 22 Gauge, Add	*14.93*	
07 71 23 00-0167		Half Round Galvanized Steel Gutters *(07 71 23 00-0161)*		
07 71 23 00-0168	LF	5", 26 Gauge, Half Round Galvanized Steel Gutter	20.35	4.31
		For Up To 100', Add	*3.10*	
		For >100' To 250', Add	*1.37*	
		For >1,000', Deduct	*-0.71*	
		For Kynar 500® Finish, Add	*5.96*	
		For 24 Gauge, Add	*3.71*	
		For 22 Gauge, Add	*7.28*	
07 71 23 00-0169	LF	6", 26 Gauge, Half Round Galvanized Steel Gutter	25.87	4.55
		For Up To 100', Add	*3.71*	
		For >100' To 250', Add	*1.67*	
		For >1,000', Deduct	*-0.75*	
		For Kynar 500® Finish, Add	*8.28*	
		For 24 Gauge, Add	*5.15*	
		For 22 Gauge, Add	*10.13*	
07 71 23 00-0170	LF	7", 26 Gauge, Half Round Galvanized Steel Gutter	66.69	4.78
		For Up To 100', Add	*7.88*	
		For >100' To 250', Add	*3.74*	
		For >1,000', Deduct	*-0.80*	
		For Kynar 500® Finish, Add	*26.39*	
		For 24 Gauge, Add	*16.42*	
		For 22 Gauge, Add	*32.26*	
07 71 23 00-0171	LF	8", 26 Gauge, Half Round Galvanized Steel Gutter	71.11	5.37
		For Up To 100', Add	*8.44*	
		For >100' To 250', Add	*4.00*	
		For >1,000', Deduct	*-0.89*	
		For Kynar 500® Finish, Add	*28.01*	
		For 24 Gauge, Add	*17.43*	
		For 22 Gauge, Add	*34.24*	
07 71 23 00-0172		Box Style Galvanized Steel Gutters *(07 71 23 00-0161)*		
07 71 23 00-0173	LF	5", 24 Gauge, Box Style Galvanized Steel Gutter	24.40	4.89
		For Up To 100', Add	*3.66*	
		For >100' To 250', Add	*1.63*	
		For >1,000', Deduct	*-0.82*	
		For Kynar 500® Finish, Add	*7.31*	
		For 22 Gauge, Add	*3.57*	
07 71 23 00-0174	LF	6", 24 Gauge, Box Style Galvanized Steel Gutter	28.75	5.37
		For Up To 100', Add	*4.20*	
		For >100' To 250', Add	*1.88*	
		For >1,000', Deduct	*-0.89*	
		For Kynar 500® Finish, Add	*8.95*	
		For 22 Gauge, Add	*4.38*	
07 71 23 00-0175	LF	7", 24 Gauge, Box Style Galvanized Steel Gutter	36.79	4.78
		For Up To 100', Add	*4.89*	
		For >100' To 250', Add	*2.24*	
		For >1,000', Deduct	*-0.80*	
		For Kynar 500® Finish, Add	*12.94*	
		For 22 Gauge, Add	*6.33*	
07 71 23 00-0176	LF	8", 24 Gauge, Box Style Galvanized Steel Gutter	40.71	6.06
		For Up To 100', Add	*5.58*	
		For >100' To 250', Add	*2.54*	
		For >1,000', Deduct	*-1.00*	
		For Kynar 500® Finish, Add	*13.81*	
		For 22 Gauge, Add	*6.75*	
07 71 23 00-0177		Galvanized Steel Gutter End Caps *(07 71 23 00-0160)*		
07 71 23 00-0178		K-Style, Galvanized Steel Gutter End Caps *(07 71 23 00-0177)*		
07 71 23 00-0179	EA	5", K-Style Galvanized Steel Gutter End Cap	6.24	
		For Kynar 500® Finish, Add	*1.76*	
07 71 23 00-0180	EA	6", K-Style Galvanized Steel Gutter End Cap	7.27	
		For Kynar 500® Finish, Add	*2.22*	
07 71 23 00-0181	EA	7", K-Style Galvanized Steel Gutter End Cap	16.38	
		For Kynar 500® Finish, Add	*6.32*	
07 71 23 00-0182	EA	8", K-Style Galvanized Steel Gutter End Cap	23.99	
		For Kynar 500® Finish, Add	*9.74*	
07 71 23 00-0183		Half Round, Galvanized Steel Gutter End Caps *(07 71 23 00-0177)*		
07 71 23 00-0184	EA	5", Half Round Galvanized Steel Gutter End Cap	8.17	
		For Kynar 500® Finish, Add	*2.62*	
07 71 23 00-0185	EA	6", Half Round Galvanized Steel Gutter End Cap	9.48	
		For Kynar 500® Finish, Add	*3.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0186	EA	7", Half Round Galvanized Steel Gutter End Cap	18.12	
		For Kynar 500® Finish, Add	*7.10*	
07 71 23 00-0187	EA	8", Half Round Galvanized Steel Gutter End Cap	24.68	
		For Kynar 500® Finish, Add	*10.05*	

07 71 23 00-0188 Box Style, Galvanized Steel Gutter End Caps *(07 71 23 00-0177)*

07 71 23 00-0189	EA	5", Box Style Galvanized Steel Gutter End Cap	15.07	
		For Kynar 500® Finish, Add	*5.73*	
07 71 23 00-0190	EA	6", Box Style Galvanized Steel Gutter End Cap	18.25	
		For Kynar 500® Finish, Add	*7.16*	
07 71 23 00-0191	EA	7", Box Style Galvanized Steel Gutter End Cap	20.51	
		For Kynar 500® Finish, Add	*8.18*	
07 71 23 00-0192	EA	8", Box Style Galvanized Steel Gutter End Cap	27.65	
		For Kynar 500® Finish, Add	*11.39*	

07 71 23 00-0193 Galvanized Steel Gutter Miters *(07 71 23 00-0160)*

Note: Inside or outside miters.

07 71 23 00-0194 K-Style, Galvanized Steel Gutter Miters *(07 71 23 00-0193)*

07 71 23 00-0195	EA	5", K-Style Galvanized Steel Gutter Miter	38.22	
		For Kynar 500® Finish, Add	*11.90*	
07 71 23 00-0196	EA	6", K-Style Galvanized Steel Gutter Miter	63.19	
		For Kynar 500® Finish, Add	*22.77*	
07 71 23 00-0197	EA	7", K-Style Galvanized Steel Gutter Miter	102.40	
		For Kynar 500® Finish, Add	*40.05*	
07 71 23 00-0198	EA	8", K-Style Galvanized Steel Gutter Miter	115.24	
		For Kynar 500® Finish, Add	*45.41*	

07 71 23 00-0199 Half Round, Galvanized Steel Gutter Miters *(07 71 23 00-0193)*

07 71 23 00-0200	EA	5", Half Round Galvanized Steel Gutter Miter	53.17	
		For Kynar 500® Finish, Add	*18.63*	
07 71 23 00-0201	EA	6", Half Round Galvanized Steel Gutter Miter	59.88	
		For Kynar 500® Finish, Add	*21.28*	
07 71 23 00-0202	EA	7", Half Round Galvanized Steel Gutter Miter	174.23	
		For Kynar 500® Finish, Add	*72.37*	
07 71 23 00-0203	EA	8", Half Round Galvanized Steel Gutter Miter	184.09	
		For Kynar 500® Finish, Add	*76.39*	

07 71 23 00-0204 Box Style, Galvanized Steel Gutter Miters *(07 71 23 00-0193)*

07 71 23 00-0205	EA	5", Box Style Galvanized Steel Gutter Miter	50.17	
		For Kynar 500® Finish, Add	*17.28*	
07 71 23 00-0206	EA	6", Box Style Galvanized Steel Gutter Miter	82.98	
		For Kynar 500® Finish, Add	*31.68*	
07 71 23 00-0207	EA	7", Box Style Galvanized Steel Gutter Miter	108.35	
		For Kynar 500® Finish, Add	*42.72*	
07 71 23 00-0208	EA	8", Box Style Galvanized Steel Gutter Miter	115.24	
		For Kynar 500® Finish, Add	*45.41*	

07 71 23 00-0209 Galvanized Steel Gutter Wire Strainers *(07 71 23 00-0160)*

07 71 23 00-0210	EA	3" Diameter, Round Galvanized Steel Wire Strainer	13.45	2.91
		For Kynar 500® Finish, Add	*3.32*	
07 71 23 00-0211	EA	4" Diameter, Round Galvanized Steel Wire Strainer	19.74	2.91
		For Kynar 500® Finish, Add	*6.15*	

07 71 23 00-0212 Galvanized Steel Downspouts *(07 71 23 00-0160)*

Note: Includes elbows, hangers and fasteners.

07 71 23 00-0213 Round Galvanized Steel Downspouts *(07 71 23 00-0212)*

07 71 23 00-0214	LF	3" Diameter, 26 Gauge, Round Galvanized Steel Downspout	7.79	2.80
		For Up To 100', Add	*1.23*	
		For >100 To 250', Add	*0.54*	
		For >1,000', Deduct	*-0.30*	
		For Kynar 500® Finish, Add	*2.14*	
		For 24 Gauge, Add	*1.33*	
		For 22 Gauge, Add	*2.62*	
07 71 23 00-0215	LF	4" Diameter, 26 Gauge, Round Galvanized Steel Downspout	9.82	2.80
		For Up To 100', Add	*1.44*	
		For >100 To 250', Add	*0.64*	
		For >1,000', Deduct	*-0.30*	
		For Kynar 500® Finish, Add	*3.06*	
		For 24 Gauge, Add	*1.90*	
		For 22 Gauge, Add	*3.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0216	LF	5" Diameter, 26 Gauge, Round Galvanized Steel Downspout	13.58	2.80
		For Up To 100', Add	*1.81*	
		For >100 To 250', Add	*0.83*	
		For >1,000', Deduct	*-0.30*	
		For Kynar 500® Finish, Add	*4.75*	
		For 24 Gauge, Add	*2.95*	
		For 22 Gauge, Add	*5.80*	
07 71 23 00-0217	LF	6" Diameter, 26 Gauge, Round Galvanized Steel Downspout	30.96	2.80
		For Up To 100', Add	*3.55*	
		For >100 To 250', Add	*1.70*	
		For >1,000', Deduct	*-0.30*	
		For Kynar 500® Finish, Add	*12.57*	
		For 24 Gauge, Add	*7.82*	
		For 22 Gauge, Add	*15.36*	

07 71 23 00-0218 Square Galvanized Steel Downspouts *(07 71 23 00-0212)*

07 71 23 00-0219	LF	4" x 4", 26 Gauge, Square Galvanized Steel Downspout	8.92	2.80
		For Up To 100', Add	*1.35*	
		For >100 To 250', Add	*0.60*	
		For >1,000', Deduct	*-0.30*	
		For Kynar 500® Finish, Add	*2.65*	
		For 24 Gauge, Add	*1.65*	
		For 22 Gauge, Add	*3.24*	
07 71 23 00-0220	LF	5" x 5", 26 Gauge, Square Galvanized Steel Downspout	11.60	2.80
		For Up To 100', Add	*1.61*	
		For >100 To 250', Add	*0.73*	
		For >1,000', Deduct	*-0.30*	
		For Kynar 500® Finish, Add	*3.86*	
		For 24 Gauge, Add	*2.40*	
		For 22 Gauge, Add	*4.71*	

07 71 23 00-0221 Rectangular Galvanized Steel Downspouts *(07 71 23 00-0212)*

07 71 23 00-0222	LF	2" x 3", 26 Gauge, Rectangular Galvanized Steel Downspout	7.94	2.80
		For Up To 100', Add	*1.25*	
		For >100 To 250', Add	*0.55*	
		For >1,000', Deduct	*-0.30*	
		For Kynar 500® Finish, Add	*2.21*	
		For 24 Gauge, Add	*1.37*	
		For 22 Gauge, Add	*2.70*	
07 71 23 00-0223	LF	3" x 4", 26 Gauge, Rectangular Galvanized Steel Downspout	10.29	2.80
		For Up To 100', Add	*1.48*	
		For >100 To 250', Add	*0.67*	
		For >1,000', Deduct	*-0.30*	
		For Kynar 500® Finish, Add	*3.27*	
		For 24 Gauge, Add	*2.03*	
		For 22 Gauge, Add	*3.99*	
07 71 23 00-0224	LF	4" x 5", 26 Gauge, Rectangular Galvanized Steel Downspout	19.63	2.80
		For Up To 100', Add	*2.42*	
		For >100 To 250', Add	*1.13*	
		For >1,000', Deduct	*-0.30*	
		For Kynar 500® Finish, Add	*7.47*	
		For 24 Gauge, Add	*4.65*	
		For 22 Gauge, Add	*9.13*	

07 71 23 00-0225 Galvanized Steel Devices *(07 71 23 00-0160)*

07 71 23 00-0226	EA	Galvanized Steel Leader/Conductor Head	357.97	27.08
		For Kynar 500® Finish, Add	*136.72*	
07 71 23 00-0227	EA	Thru-Wall Galvanized Steel Scupper Outlet	187.70	24.36
		For Kynar 500® Finish, Add	*47.92*	

07 71 23 00-0228 Stainless Steel Gutters And Downspouts *(07 71 23)*

Note: AISI type 304 stainless steel.

07 71 23 00-0229 Stainless Steel Gutters *(07 71 23 00-0228)*

Note: Includes drop outlets, hangers and fasteners. Excludes end caps, miters and downspouts.

07 71 23 00-0230 K-Style, Stainless Steel Gutters *(07 71 23 00-0229)*

07 71 23 00-0231	LF	5", 26 Gauge, K-Style Stainless Steel Gutter	28.31	4.31
		For Up To 100', Add	*3.90*	
		For >100' To 250', Add	*1.77*	
		For >1,000', Deduct	*-0.71*	
		For 316 Stainless Steel, Add	*8.06*	
		For 24 Gauge, Add	*7.00*	
		For 22 Gauge, Add	*13.99*	
		For 20 Gauge, Add	*20.99*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0232	LF	6", 26 Gauge, K-Style Stainless Steel Gutter	33.97	4.55
		For Up To 100', Add	*4.52*	
		For >100' To 250', Add	*2.07*	
		For >1,000', Deduct	*-0.75*	
		For 316 Stainless Steel, Add	*10.07*	
		For 24 Gauge, Add	*8.75*	
		For 22 Gauge, Add	*17.50*	
		For 20 Gauge, Add	*26.24*	
07 71 23 00-0233		Half Round, Stainless Steel Gutters *(07 71 23 00-0229)*		
07 71 23 00-0234	LF	5", 26 Gauge, Half Round Stainless Steel Gutter	39.21	4.31
		For Up To 100', Add	*4.99*	
		For >100' To 250', Add	*2.32*	
		For >1,000', Deduct	*-0.71*	
		For 316 Stainless Steel, Add	*12.20*	
		For 24 Gauge, Add	*10.59*	
		For 22 Gauge, Add	*21.19*	
		For 20 Gauge, Add	*31.78*	
07 71 23 00-0235	LF	6", 26 Gauge, Half Round Stainless Steel Gutter	47.52	4.55
		For Up To 100', Add	*5.87*	
		For >100' To 250', Add	*2.75*	
		For >1,000', Deduct	*-0.75*	
		For 316 Stainless Steel, Add	*15.22*	
		For 24 Gauge, Add	*13.22*	
		For 22 Gauge, Add	*26.44*	
		For 20 Gauge, Add	*39.66*	
07 71 23 00-0236		Box Style, Stainless Steel Gutters *(07 71 23 00-0229)*		
07 71 23 00-0237	LF	5", 26 Gauge, Box Style Stainless Steel Gutter	38.39	4.89
		For Up To 100', Add	*5.06*	
		For >100' To 250', Add	*2.33*	
		For >1,000', Deduct	*-0.82*	
		For 316 Stainless Steel, Add	*11.49*	
		For 24 Gauge, Add	*9.98*	
		For 22 Gauge, Add	*19.95*	
		For 20 Gauge, Add	*29.93*	
		For Seamless Gutter, Add	*-0.29*	
07 71 23 00-0238	LF	6", 26 Gauge, Box Style Stainless Steel Gutter	46.84	5.37
		For Up To 100', Add	*6.01*	
		For >100' To 250', Add	*2.79*	
		For >1,000', Deduct	*-0.89*	
		For 316 Stainless Steel, Add	*14.43*	
		For 24 Gauge, Add	*12.53*	
		For 22 Gauge, Add	*25.07*	
		For 20 Gauge, Add	*37.60*	
		For Seamless Gutter, Add	*-0.57*	
07 71 23 00-0239	LF	7", 26 Gauge, Box Style Stainless Steel Gutter	55.33	5.71
		For Up To 100', Add	*6.95*	
		For >100' To 250', Add	*3.24*	
		For >1,000', Deduct	*-0.94*	
		For 316 Stainless Steel, Add	*17.44*	
		For 24 Gauge, Add	*15.14*	
		For 22 Gauge, Add	*30.29*	
		For 20 Gauge, Add	*45.43*	
		For Seamless Gutter, Add	*-0.88*	
07 71 23 00-0240	LF	8", 26 Gauge, Box Style Stainless Steel Gutter	60.17	6.06
		For Up To 100', Add	*7.52*	
		For >100' To 250', Add	*3.51*	
		For >1,000', Deduct	*-1.00*	
		For 316 Stainless Steel, Add	*19.05*	
		For 24 Gauge, Add	*16.55*	
		For 22 Gauge, Add	*33.09*	
		For 20 Gauge, Add	*49.64*	
		For Seamless Gutter, Add	*-1.00*	
07 71 23 00-0241		Stainless Steel Gutter End Caps *(07 71 23 00-0228)*		
07 71 23 00-0242		K-Style, Stainless Steel Gutter End Caps *(07 71 23 00-0241)*		
07 71 23 00-0243	EA	5", K-Style Stainless Steel Gutter End Cap	8.97	
		For 316 Stainless Steel, Add	*2.52*	
07 71 23 00-0244	EA	6", K-Style Stainless Steel Gutter End Cap	10.30	
		For 316 Stainless Steel, Add	*3.02*	
07 71 23 00-0245		Half Round, Stainless Steel Gutter End Caps *(07 71 23 00-0241)*		
07 71 23 00-0246	EA	5", Half Round Stainless Steel Gutter End Cap	10.63	
		For 316 Stainless Steel, Add	*3.15*	
07 71 23 00-0247	EA	6", Half Round Stainless Steel Gutter End Cap	12.29	
		For 316 Stainless Steel, Add	*3.78*	
07 71 23 00-0248		Box Style, Stainless Steel Gutter End Caps *(07 71 23 00-0241)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0249	EA	5", Box Style Stainless Steel Gutter End Cap	11.20	
		For 316 Stainless Steel, Add	*3.15*	
07 71 23 00-0250	EA	6", Box Style Stainless Steel Gutter End Cap	12.86	
		For 316 Stainless Steel, Add	*3.78*	
07 71 23 00-0251	EA	7", Box Style Stainless Steel Gutter End Cap	13.46	
		For 316 Stainless Steel, Add	*4.08*	
07 71 23 00-0252	EA	8", Box Style Stainless Steel Gutter End Cap	16.33	
		For 316 Stainless Steel, Add	*5.03*	
07 71 23 00-0253		**Stainless Steel Gutter Miters** *(07 71 23 00-0228)*		
		Note: Inside or outside box miters.		
07 71 23 00-0254		**K-Style, Stainless Steel Gutter Miters** *(07 71 23 00-0253)*		
07 71 23 00-0255	EA	5", K-Style Stainless Steel Gutter Miter	46.03	
		For 316 Stainless Steel, Add	*13.02*	
07 71 23 00-0256	EA	6", K-Style Stainless Steel Gutter Miter	73.38	
		For 316 Stainless Steel, Add	*23.10*	
07 71 23 00-0257		**Half Round, Stainless Steel Gutter Miters** *(07 71 23 00-0253)*		
07 71 23 00-0258	EA	5", Half Round Stainless Steel Gutter Miter	112.35	
		For 316 Stainless Steel, Add	*38.22*	
07 71 23 00-0259	EA	6", Half Round Stainless Steel Gutter Miter	137.44	
		For 316 Stainless Steel, Add	*47.44*	
07 71 23 00-0260		**Box-Style, Stainless Steel Gutter Miters** *(07 71 23 00-0253)*		
07 71 23 00-0261	EA	5", Box-Style Stainless Steel Gutter Miter	52.88	
		For 316 Stainless Steel, Add	*15.62*	
07 71 23 00-0262	EA	6", Box-Style Stainless Steel Gutter Miter	85.54	
		For 316 Stainless Steel, Add	*27.72*	
07 71 23 00-0263	EA	7", Box-Style Stainless Steel Gutter Miter	98.51	
		For 316 Stainless Steel, Add	*32.34*	
07 71 23 00-0264	EA	8", Box-Style Stainless Steel Gutter Miter	111.60	
		For 316 Stainless Steel, Add	*36.96*	
07 71 23 00-0265		**Stainless Steel Gutter Wire Strainers** *(07 71 23 00-0228)*		
07 71 23 00-0266	EA	3" Diameter, Round Stainless Steel Wire Strainer	45.77	2.91
07 71 23 00-0267	EA	4" Diameter, Round Stainless Steel Wire Strainer	46.86	2.91
07 71 23 00-0268		**Stainless Steel Downspouts** *(07 71 23 00-0228)*		
		Note: Includes elbows, hangers and fasteners.		
07 71 23 00-0269		**Round Stainless Steel Downspouts** *(07 71 23 00-0268)*		
07 71 23 00-0270	LF	3" Diameter, 26 Gauge, Round Stainless Steel Downspout	16.73	2.80
		For Up To 100', Add	*2.13*	
		For >100 To 250', Add	*0.99*	
		For >1,000', Deduct	*-0.30*	
		For 316 Stainless Steel, Add	*5.21*	
		For 24 Gauge, Add	*4.52*	
		For 22 Gauge, Add	*9.04*	
		For 20 Gauge, Add	*13.56*	
07 71 23 00-0271	LF	4" Diameter, 26 Gauge, Round Stainless Steel Downspout	22.04	2.80
		For Up To 100', Add	*2.66*	
		For >100 To 250', Add	*1.25*	
		For >1,000', Deduct	*-0.30*	
		For 316 Stainless Steel, Add	*7.22*	
		For 24 Gauge, Add	*6.27*	
		For 22 Gauge, Add	*12.55*	
		For 20 Gauge, Add	*18.82*	
07 71 23 00-0272	LF	5" Diameter, 26 Gauge, Round Stainless Steel Downspout	32.07	2.80
		For Up To 100', Add	*3.66*	
		For >100 To 250', Add	*1.76*	
		For >1,000', Deduct	*-0.30*	
		For 316 Stainless Steel, Add	*11.04*	
		For 24 Gauge, Add	*9.58*	
		For 22 Gauge, Add	*19.17*	
		For 20 Gauge, Add	*28.75*	
07 71 23 00-0273		**Rectangular Stainless Steel Downspouts** *(07 71 23 00-0268)*		
07 71 23 00-0274	LF	2" x 3", 26 Gauge, Rectangular Stainless Steel Downspout	17.12	2.80
		For Up To 100', Add	*2.17*	
		For >100 To 250', Add	*1.01*	
		For >1,000', Deduct	*-0.30*	
		For 316 Stainless Steel, Add	*5.35*	
		For 24 Gauge, Add	*4.65*	
		For 22 Gauge, Add	*9.30*	
		For 20 Gauge, Add	*13.95*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0275	LF	3" x 4", 26 Gauge, Rectangular Stainless Steel Downspout	22.84	2.80
		For Up To 100', Add	*2.74*	
		For >100 To 250', Add	*1.29*	
		For >1,000', Deduct	*-0.30*	
		For 316 Stainless Steel, Add	*7.53*	
		For 24 Gauge, Add	*6.54*	
		For 22 Gauge, Add	*13.07*	
		For 20 Gauge, Add	*19.61*	
07 71 23 00-0276	LF	4" x 5", 26 Gauge, Rectangular Stainless Steel Downspout	29.52	2.80
		For Up To 100', Add	*3.41*	
		For >100 To 250', Add	*1.63*	
		For >1,000', Deduct	*-0.30*	
		For 316 Stainless Steel, Add	*10.07*	
		For 24 Gauge, Add	*8.74*	
		For 22 Gauge, Add	*17.48*	
		For 20 Gauge, Add	*26.23*	
07 71 23 00-0277		Stainless Steel Devices *(07 71 23 00-0228)*		
07 71 23 00-0278	EA	Thru-Wall Stainless Steel Scupper Outlet	267.45	26.23
		For 316 Stainless Steel, Add	*68.41*	
07 71 23 00-0279	EA	Stainless Steel Leader/Conductor Head	483.65	26.23
		For 316 Stainless Steel, Add	*161.64*	
07 71 23 00-0280		Vinyl Gutters And Downspouts *(07 71 23)*		
07 71 23 00-0281		Vinyl Gutters *(07 71 23 00-0280)*		
		Note: Includes drop outlets, hangers and fasteners. Excludes end caps, miters and downspouts.		
07 71 23 00-0282		K-Style Vinyl Gutters *(07 71 23 00-0281)*		
07 71 23 00-0283	LF	4", K-Style Vinyl Gutter	11.53	2.91
		For Up To 100', Add	*1.88*	
		For >100' To 250', Add	*0.82*	
		For >1,000', Deduct	*-0.49*	
07 71 23 00-0284	LF	5", K-Style Vinyl Gutter	14.96	2.91
		For Up To 100', Add	*2.23*	
		For >100' To 250', Add	*0.99*	
		For >1,000', Deduct	*-0.49*	
07 71 23 00-0285		Half Round Vinyl Gutters *(07 71 23 00-0281)*		
07 71 23 00-0286	LF	4", Half Round Vinyl Gutter	11.92	2.91
		For Up To 100', Add	*1.92*	
		For >100' To 250', Add	*0.84*	
		For >1,000', Deduct	*-0.49*	
07 71 23 00-0287	LF	5", Half Round Vinyl Gutter	12.55	2.91
		For Up To 100', Add	*1.98*	
		For >100' To 250', Add	*0.87*	
		For >1,000', Deduct	*-0.49*	
07 71 23 00-0288		Vinyl Gutter End Caps *(07 71 23 00-0280)*		
07 71 23 00-0289		K-Style, Vinyl Gutter End Caps *(07 71 23 00-0288)*		
07 71 23 00-0290	EA	4", K-Style Vinyl Gutter End Cap	7.18	
07 71 23 00-0291	EA	5", K-Style Vinyl Gutter End Cap	10.03	
07 71 23 00-0292		Half Round, Vinyl Gutter End Caps *(07 71 23 00-0288)*		
07 71 23 00-0293	EA	4", Half Round Vinyl Gutter End Cap	8.23	
07 71 23 00-0294	EA	5", Half Round Vinyl Gutter End Cap	7.76	
07 71 23 00-0295		Vinyl Gutter Miters *(07 71 23 00-0280)*		
		Note: Inside or outside miters.		
07 71 23 00-0296		K-Style, Vinyl Gutter Miters *(07 71 23 00-0295)*		
07 71 23 00-0297	EA	4", K-Style Vinyl Gutter Miter	17.98	
07 71 23 00-0298	EA	5", K-Style Vinyl Gutter Miter	27.18	
07 71 23 00-0299		Half Round, Vinyl Gutter Miters *(07 71 23 00-0295)*		
07 71 23 00-0300	EA	4", Half Round Vinyl Gutter Miter	17.98	
07 71 23 00-0301	EA	5", Half Round Vinyl Gutter Miter	19.57	
07 71 23 00-0302		Vinyl Downspouts *(07 71 23 00-0280)*		
		Note: Includes elbows, hangers and fasteners.		
07 71 23 00-0303		Round Vinyl Downspouts *(07 71 23 00-0302)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0304	LF	2-1/2" Diameter, Round Vinyl Downspout	7.58	2.80
		For Up To 100', Add	*1.21*	
		For >100 To 250', Add	*0.53*	
		For >1,000', Deduct	*-0.30*	
07 71 23 00-0305	LF	3" Diameter, Round Vinyl Downspout	7.92	2.80
		For Up To 100', Add	*1.25*	
		For >100 To 250', Add	*0.55*	
		For >1,000', Deduct	*-0.30*	
07 71 23 00-0306		**Square Vinyl Downspouts** *(07 71 23 00-0302)*		
07 71 23 00-0307	LF	2-1/2", Square Vinyl Downspout	7.44	2.80
		For Up To 100', Add	*1.20*	
		For >100 To 250', Add	*0.52*	
		For >1,000', Deduct	*-0.30*	
07 71 23 00-0308		**Rectangular Vinyl Downspouts** *(07 71 23 00-0302)*		
07 71 23 00-0309	LF	2" x 3", Rectangular Vinyl Downspout	9.59	2.80
		For Up To 100', Add	*1.41*	
		For >100 To 250', Add	*0.63*	
		For >1,000', Deduct	*-0.30*	
07 71 23 00-0310		**Gutter And Downspout Boots** *(07 71 23)*		
07 71 23 00-0311		**Cast Iron Roof Drainage Downspout Boots** *(07 71 23 00-0310)*		
07 71 23 00-0312	EA	2" x 3" x 18" Long, Cast Iron Roof Drainage Downspout Boot	337.53	4.20
07 71 23 00-0313	EA	3" x 4" x 18" Long, Cast Iron Roof Drainage Downspout Boot	440.29	4.20
07 71 23 00-0314	EA	4" x 5" x 24" Long, Cast Iron Roof Drainage Downspout Boot	525.74	4.20
07 71 23 00-0315		**Cast Iron Roof Drainage Downspout Boots With Cleanouts** *(07 71 23 00-0310)*		
07 71 23 00-0316	EA	3" x 4" x 18" Long, Cast Iron Roof Drainage Downspout Boot With Cleanout	583.95	4.20
07 71 23 00-0317	EA	4" x 5" x 24" Long, Cast Iron Roof Drainage Downspout Boot With Cleanout	713.63	4.20
07 71 23 00-0318	EA	5" x 7" x 30" Long, Cast Iron Roof Drainage Downspout Boot With Cleanout	1,296.01	4.20
07 71 23 00-0319		**Wall Mounted Downspout Covers With Hinged Perforated Cover** *(07 71 23)*		
07 71 23 00-0320	EA	3" Pipe Size, Type 304 Stainless Steel Downspout Cover With Hinged Perforated Cover (JR Smith 1775-03)	1,164.34	28.61
		For Polished Brass Finish (-PB), Add	*110.71*	
		For Chrome Plated Finish (-CP), Add	*166.07*	
		For Vandal Proof (-U), Add	*55.36*	
07 71 23 00-0321	EA	4" Pipe Size, Type 304 Stainless Steel Downspout Cover With Hinged Perforated Cover (JR Smith 1775-04)	1,183.41	38.14
		For Polished Brass Finish (-PB), Add	*110.71*	
		For Chrome Plated Finish (-CP), Add	*166.07*	
		For Vandal Proof (-U), Add	*55.36*	
07 71 23 00-0322	EA	6" Pipe Size, Type 304 Stainless Steel Downspout Cover With Hinged Perforated Cover (JR Smith 1775-06)	1,274.24	52.48
		For Polished Brass Finish (-PB), Add	*116.93*	
		For Chrome Plated Finish (-CP), Add	*175.40*	
		For Vandal Proof (-U), Add	*58.47*	
07 71 23 00-0323	EA	8" Pipe Size, Type 304 Stainless Steel Downspout Cover With Hinged Perforated Cover (JR Smith 1775-08)	1,358.07	66.26
		For Polished Brass Finish (-PB), Add	*122.56*	
		For Chrome Plated Finish (-CP), Add	*183.83*	
		For Vandal Proof (-U), Add	*61.28*	
07 71 23 00-0324	EA	10" Pipe Size, Type 304 Stainless Steel Downspout Cover With Hinged Perforated Cover (JR Smith 1775-10)	1,460.09	81.63
		For Polished Brass Finish (-PB), Add	*129.68*	
		For Chrome Plated Finish (-CP), Add	*194.53*	
		For Vandal Proof (-U), Add	*64.84*	
07 71 23 00-0325	EA	12" Pipe Size, Type 304 Stainless Steel Downspout Cover With Hinged Perforated Cover (JR Smith 1775-12)	1,603.53	113.95
		For Polished Brass Finish (-PB), Add	*137.56*	
		For Chrome Plated Finish (-CP), Add	*206.34*	
		For Vandal Proof (-U), Add	*68.78*	
07 71 23 00-0326	EA	15" Pipe Size, Type 304 Stainless Steel Downspout Cover With Hinged Perforated Cover (JR Smith 1775-15)	1,770.27	158.48
		For Polished Brass Finish (-PB), Add	*145.33*	
		For Chrome Plated Finish (-CP), Add	*218.00*	
		For Vandal Proof (-U), Add	*72.67*	
07 71 23 00-0327		**Wall Mounted Downspout Nozzle** *(07 71 23)*		
07 71 23 00-0328	EA	3" Pipe Size, Rough Bronze Finish Downspout Nozzle (JR Smith 1770-03)	296.21	28.61
		For Nickel Bronze Finish (-NB), Add	*167.30*	
		For Polished Bronze Finish (-PB), Add	*131.45*	
		For Chrome Plated Finish (-CP), Add	*212.71*	
07 71 23 00-0329	EA	4" Pipe Size, Rough Bronze Finish Downspout Nozzle (JR Smith 1770-04)	315.28	38.14
		For Nickel Bronze Finish (-NB), Add	*167.30*	
		For Polished Bronze Finish (-PB), Add	*131.45*	
		For Chrome Plated Finish (-CP), Add	*212.71*	
07 71 23 00-0330	EA	6" Pipe Size, Rough Bronze Finish Downspout Nozzle (JR Smith 1770-06)	671.90	52.48
		For Nickel Bronze Finish (-NB), Add	*170.09*	
		For Polished Bronze Finish (-PB), Add	*96.38*	
		For Chrome Plated Finish (-CP), Add	*249.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0331	EA	8" Pipe Size, Rough Bronze Finish Downspout Nozzle (JR Smith 1770-08)	993.14	66.26
		For Nickel Bronze Finish (-NB), Add	*146.31*	
		For Polished Bronze Finish (-PB), Add	*111.88*	
		For Chrome Plated Finish (-CP), Add	*249.58*	
07 71 23 00-0332	EA	10" Pipe Size, Rough Bronze Finish Downspout Nozzle (JR Smith 1770-10)	1,280.57	81.63
		For Nickel Bronze Finish (-NB), Add	*189.94*	
		For Polished Bronze Finish (-PB), Add	*145.25*	
		For Chrome Plated Finish (-CP), Add	*324.02*	
07 71 23 00-0333	EA	12" Pipe Size, Rough Bronze Finish Downspout Nozzle (JR Smith 1770-12)	1,633.54	113.95
		For Nickel Bronze Finish (-NB), Add	*238.96*	
		For Polished Bronze Finish (-PB), Add	*182.73*	
		For Chrome Plated Finish (-CP), Add	*407.63*	

07 71 23 00-0334 Leaf Guards And Cleaning *(07 71 23)*

07 71 23 00-0335	LF	Aluminum Mesh Gutter Leaf Guard	4.05	0.96
		For Up To 100', Add	*0.69*	
		For >100' To 250', Add	*0.30*	
		For >1,000', Deduct	*-0.19*	
07 71 23 00-0336	LF	Vinyl Mesh Gutter Leaf Guard	3.09	0.96
		For Up To 100', Add	*0.59*	
		For >100' To 250', Add	*0.25*	
		For >1,000', Deduct	*-0.19*	
07 71 23 00-0337	LF	6" Wide Stainless Steel Gutter Leaf Guard, 1/4" x 1/4" x 0.08" Wire	16.88	1.19
		For Up To 100', Add	*2.05*	
		For >100' To 250', Add	*0.96*	
		For >1,000', Deduct	*-0.24*	
07 71 23 00-0338	LF	9" Wide Stainless Steel Gutter Leaf Guard, 1/4" x 1/4" x 0.08" Wire	24.15	1.19
		For Up To 100', Add	*2.78*	
		For >100' To 250', Add	*1.33*	
		For >1,000', Deduct	*-0.24*	
07 71 23 00-0339	LF	6" Wide Stainless Steel Gutter Leaf Guard, 3/8" x 3/8" Mesh	12.85	1.19
		For Up To 100', Add	*1.57*	
		For >100' To 250', Add	*0.74*	
		For >1,000', Deduct	*-0.19*	
07 71 23 00-0340	LF	9" Wide Stainless Steel Gutter Leaf Guard, 3/8" x 3/8" Mesh	19.82	1.19
		For Up To 100', Add	*2.27*	
		For >100' To 250', Add	*1.09*	
		For >1,000', Deduct	*-0.19*	
07 71 23 00-0341	EA	Cleanout Roof Drain Note: Includes removing dome and flushing.	149.61	
07 71 23 00-0342	LF	Cleanout Roof Gutters And Downspouts	1.72	

07 71 26 Reglets *(07 71)*

07 71 26 00-0001 Counter Flashing With Reglet *(07 71 26)*

Note: Includes reglet cut.

07 71 26 00-0002 Galvanized Steel Counter Flashing With Reglet *(07 71 26 00-0001)*

07 71 26 00-0003 Galvanized Steel Counter Flashing With Reglet *(07 71 26 00-0002)*

07 71 26 00-0004	LF	28 Gauge, Up To 12" Wide, Galvanized Steel Counter Flashing With Reglet	15.17	4.85
07 71 26 00-0005	LF	26 Gauge, Up To 12" Wide, Galvanized Steel Counter Flashing With Reglet	15.32	4.85
07 71 26 00-0006	LF	24 Gauge, Up To 12" Wide, Galvanized Steel Counter Flashing With Reglet	15.58	4.85
07 71 26 00-0007	LF	22 Gauge, Up To 12" Wide, Galvanized Steel Counter Flashing With Reglet	16.57	4.85
07 71 26 00-0008	LF	20 Gauge, Up To 12" Wide, Galvanized Steel Counter Flashing With Reglet	17.13	4.85
07 71 26 00-0009	LF	18 Gauge, Up To 12" Wide, Galvanized Steel Counter Flashing With Reglet	17.78	4.85

07 71 26 00-0010 KYNAR 500® Finish, Galvanized Steel Counter Flashing With Reglet *(07 71 26 00-0002)*

07 71 26 00-0011	LF	28 Gauge, Up To 12" Wide, KYNAR 500® Finish, Galvanized Steel Counter Flashing With Reglet	17.62	4.85
07 71 26 00-0012	LF	26 Gauge, Up To 12" Wide, KYNAR 500® Finish, Galvanized Steel Counter Flashing With Reglet	17.84	4.85
07 71 26 00-0013	LF	24 Gauge, Up To 12" Wide, KYNAR 500® Finish, Galvanized Steel Counter Flashing With Reglet	18.22	4.85
07 71 26 00-0014	LF	22 Gauge, Up To 12" Wide, KYNAR 500® Finish, Galvanized Steel Counter Flashing With Reglet	19.66	4.85
07 71 26 00-0015	LF	20 Gauge, Up To 12" Wide, KYNAR 500® Finish, Galvanized Steel Counter Flashing With Reglet	20.48	4.85
07 71 26 00-0016	LF	18 Gauge, Up To 12" Wide, KYNAR 500® Finish, Galvanized Steel Counter Flashing With Reglet	21.42	4.85

07 71 26 00-0017 Aluminum Counter Flashing With Reglet *(07 71 26 00-0001)*

07 71 26 00-0018 KYNAR 500® Finish, Aluminum Counter Flashing With Reglet *(07 71 26 00-0017)*

07 71 26 00-0019	LF	0.019" Thick, Up To 12" Wide, KYNAR 500® Finish, Aluminum Counter Flashing With Reglet	14.60	4.85
07 71 26 00-0020	LF	0.025" Thick, Up To 12" Wide, KYNAR 500® Finish, Aluminum Counter Flashing With Reglet	15.37	4.85
07 71 26 00-0021	LF	0.032" Thick, Up To 12" Wide, KYNAR 500® Finish, Aluminum Counter Flashing With Reglet	16.15	4.85
07 71 26 00-0022	LF	0.040" Thick, Up To 12" Wide, KYNAR 500® Finish, Aluminum Counter Flashing With Reglet	16.70	4.85
07 71 26 00-0023	LF	0.050" Thick, Up To 12" Wide, KYNAR 500® Finish, Aluminum Counter Flashing With Reglet	17.95	4.85
07 71 26 00-0024	LF	0.063" Thick, Up To 12" Wide, KYNAR 500® Finish, Aluminum Counter Flashing With Reglet	19.76	4.85

07 71 26 00-0025 Mill Finish, Aluminum Counter Flashing With Reglet *(07 71 26 00-0017)*

07 71 26 00-0026	LF	0.019" Thick, Up To 12" Wide, Mill Finish, Aluminum Counter Flashing With Reglet	12.83	4.85
07 71 26 00-0027	LF	0.025" Thick, Up To 12" Wide, Mill Finish, Aluminum Counter Flashing With Reglet	13.32	4.85

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 26 00-0028	LF	0.032" Thick, Up To 12" Wide, Mill Finish, Aluminum Counter Flashing With Reglet	13.82	4.85
07 71 26 00-0029	LF	0.040" Thick, Up To 12" Wide, Mill Finish, Aluminum Counter Flashing With Reglet	14.17	4.85
07 71 26 00-0030	LF	0.050" Thick, Up To 12" Wide, Mill Finish, Aluminum Counter Flashing With Reglet	14.97	4.85
07 71 26 00-0031	LF	0.063" Thick, Up To 12" Wide, Mill Finish, Aluminum Counter Flashing With Reglet	16.12	4.85
07 71 26 00-0032		Clear Anodized Finish, Aluminum Counter Flashing With Reglet *(07 71 26 00-0017)*		
07 71 26 00-0033	LF	0.019" Thick, Up To 12" Wide, Clear Anodized Finish, Aluminum Counter Flashing With Reglet	14.24	4.85
07 71 26 00-0034	LF	0.025" Thick, Up To 12" Wide, Clear Anodized Finish, Aluminum Counter Flashing With Reglet	14.95	4.85
07 71 26 00-0035	LF	0.032" Thick, Up To 12" Wide, Clear Anodized Finish, Aluminum Counter Flashing With Reglet	15.67	4.85
07 71 26 00-0036	LF	0.040" Thick, Up To 12" Wide, Clear Anodized Finish, Aluminum Counter Flashing With Reglet	16.19	4.85
07 71 26 00-0037	LF	0.050" Thick, Up To 12" Wide, Clear Anodized Finish, Aluminum Counter Flashing With Reglet	17.34	4.85
07 71 26 00-0038	LF	0.063" Thick, Up To 12" Wide, Clear Anodized Finish, Aluminum Counter Flashing With Reglet	19.01	4.85
07 71 26 00-0039		Stainless Steel Counter Flashing With Reglet *(07 71 26 00-0001)*		
07 71 26 00-0040		Stainless Steel Counter Flashing With Reglet *(07 71 26 00-0039)*		
07 71 26 00-0041	LF	24 Gauge, Up To 12" Wide, Stainless Steel Counter Flashing With Reglet	19.45	4.85
07 71 26 00-0042	LF	22 Gauge, Up To 12" Wide, Stainless Steel Counter Flashing With Reglet	20.75	4.85
07 71 26 00-0043	LF	20 Gauge, Up To 12" Wide, Stainless Steel Counter Flashing With Reglet	21.18	4.85
07 71 26 00-0044		Copper Counter Flashing With Reglet *(07 71 26 00-0001)*		
07 71 26 00-0045		Copper Counter Flashing With Reglet *(07 71 26 00-0044)*		
07 71 26 00-0046	LF	16 Ounce, Up To 12" Wide, Copper Counter Flashing With Reglet	52.71	4.85

07 72 Roof Accessories *(07 70)*

07 72 13 Manufactured Curbs *(07 72)*

07 72 13 00-0001 Insulated Galvanized Steel, Prefabricated Roof Curbs *(07 72 13)*
Note: Includes fasteners and sealants. Excludes flashing. See CSI section 07 62 13 00-0000 for flashinig and trim.

07 72 13 00-0002 Insulated Galvanized Steel, Prefabricated Roof Curbs *(07 72 13 00-0001)*
Note: Includes pressure treated wood nailer, 1-1/2" rigid foam insulation, mill finish galvanized steel exterior wall construction, painted galvanized steel interior wall construction, installation clips and 3/16" wire mesh, 6" x 6" grids, safety security guard with installation clips.

07 72 13 00-0003 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curbs *(07 72 13 00-0002)*

07 72 13 00-0004 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curbs *(07 72 13 00-0003)*

07 72 13 00-0005	EA	26" x 26" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	943.41	231.12
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*65.45*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*159.79*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-33.73*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*11.38*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*35.02*	
07 72 13 00-0006	EA	26" x 38" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	958.97	231.12
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*67.01*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*162.90*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-41.40*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*18.76*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*40.24*	
07 72 13 00-0007	EA	26" x 50" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,038.97	260.01
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*71.40*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*175.29*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-50.60*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*24.60*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*39.64*	
07 72 13 00-0008	EA	26" x 74" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,098.60	260.01
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*77.36*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*187.22*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-67.45*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*29.21*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*44.25*	
07 72 13 00-0009	EA	26" x 98" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,142.68	260.01
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*81.77*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*196.03*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*19.66*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*124.94*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*137.83*	
07 72 13 00-0010	EA	26" x 122" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,391.23	288.90
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*103.01*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*242.13*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-111.92*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-15.25*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*25.57*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0011	EA	38" x 38" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	964.15	231.12
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*67.52*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*163.94*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*11.28*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*97.22*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*135.89*	
07 72 13 00-0012	EA	38" x 50" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,041.56	260.01
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*71.65*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*175.81*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-64.40*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*25.84*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*62.36*	
07 72 13 00-0013	EA	38" x 62" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,075.27	260.01
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*75.03*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*182.55*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-79.73*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*14.80*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*44.88*	
07 72 13 00-0014	EA	38" x 74" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,088.23	260.01
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*76.32*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*185.14*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*19.98*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*123.11*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*151.04*	
07 72 13 00-0015	EA	38" x 98" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,349.74	288.90
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*98.86*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*233.84*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*25.78*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*139.65*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*182.62*	
07 72 13 00-0016	EA	38" x 122" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,476.41	317.80
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*107.92*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*255.56*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*31.58*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*162.64*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*214.21*	
07 72 13 00-0017	EA	50" x 50" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,160.83	260.01
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*83.58*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*199.66*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-82.80*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*11.73*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*35.37*	
07 72 13 00-0018	EA	50" x 62" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,266.77	288.90
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*90.56*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*217.24*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-99.65*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-11.56*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*31.39*	
07 72 13 00-0019	EA	50" x 74" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,295.29	288.90
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*93.42*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*222.95*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-118.05*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-42.87*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*30.18*	
07 72 13 00-0020	EA	50" x 86" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,421.96	317.80
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*102.47*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*244.67*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-138.00*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-41.30*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*27.43*	
07 72 13 00-0021	EA	51" x 99" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,525.31	346.68
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*109.20*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*261.73*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*33.19*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*153.51*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*207.22*	
07 72 13 00-0022	EA	51" x 122" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,649.39	375.57
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*117.99*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*282.93*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-190.12*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-54.78*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*18.27*	
07 72 13 00-0023	EA	62" x 62" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,295.29	288.90
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*93.42*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*222.95*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*26.43*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*97.33*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*178.97*	
07 72 13 00-0024	EA	62-3/8" x 74-3/8" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,393.44	317.80
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*99.62*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*238.96*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-144.12*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-38.84*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*27.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0025	EA	62" x 86" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,522.71	346.68
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*108.94*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*261.21*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-187.05*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-81.79*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*-19.47*	
07 72 13 00-0026	EA	62" x 98" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,548.64	346.68
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*111.53*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*266.39*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*39.32*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*144.59*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*252.02*	
07 72 13 00-0027	EA	62" x 122" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,677.92	375.57
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*120.85*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*288.64*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-236.12*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-128.71*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*8.79*	
07 72 13 00-0028		12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curbs *(07 72 13 00-0003)*		
07 72 13 00-0029	EA	26" x 26" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	977.12	231.12
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*68.82*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*166.53*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-33.73*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*11.38*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*35.02*	
07 72 13 00-0030	EA	26" x 38" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	984.90	231.12
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*69.60*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*168.09*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-41.40*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*18.76*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*40.24*	
07 72 13 00-0031	EA	26" x 50" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,064.89	260.01
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*73.99*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*180.48*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-50.60*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*24.60*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*39.64*	
07 72 13 00-0032	EA	26" x 74" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,132.31	260.01
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*80.73*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*193.96*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-67.45*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*29.21*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*44.25*	
07 72 13 00-0033	EA	26" x 98" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,181.57	260.01
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*85.66*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*203.81*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*19.66*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*124.94*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*137.83*	
07 72 13 00-0034	EA	26" x 122" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,422.34	288.90
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*106.12*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*248.36*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-111.92*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-15.25*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*25.57*	
07 72 13 00-0035	EA	38" x 38" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	987.49	231.12
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*69.86*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*168.61*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*11.28*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*97.22*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*135.89*	
07 72 13 00-0036	EA	38" x 50" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,111.57	260.01
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*78.66*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*189.81*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-64.40*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*25.84*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*62.36*	
07 72 13 00-0037	EA	38" x 62" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,163.42	260.01
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*83.84*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*200.18*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-79.73*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*14.80*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*44.88*	
07 72 13 00-0038	EA	38" x 74" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,223.06	260.01
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*89.80*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*212.11*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*19.98*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*123.11*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*151.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0039	EA	38" x 98" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,391.23	288.90
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*103.01*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*242.13*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*25.78*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*139.65*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*182.62*	
07 72 13 00-0040	EA	38" x 122" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,528.27	317.80
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*113.10*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*265.93*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*31.58*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*162.64*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*214.21*	
07 72 13 00-0041	EA	50" x 50" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,191.95	260.01
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*86.69*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*205.89*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-82.80*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*11.73*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*35.37*	
07 72 13 00-0042	EA	50" x 62" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,292.70	288.90
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*93.16*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*222.43*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-99.65*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-11.56*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*31.39*	
07 72 13 00-0043	EA	50" x 74" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,334.18	288.90
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*97.31*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*230.72*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-118.05*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-42.87*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*30.18*	
07 72 13 00-0044	EA	50" x 86" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,463.45	317.80
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*106.62*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*252.97*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-138.00*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-41.30*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*27.43*	
07 72 13 00-0045	EA	51" x 99" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,574.57	346.68
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*114.12*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*271.58*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*33.19*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*153.51*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*207.22*	
07 72 13 00-0046	EA	51" x 122" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,706.44	375.57
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*123.70*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*294.34*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-190.12*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-54.78*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*18.27*	
07 72 13 00-0047	EA	62" x 62" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,334.18	288.90
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*97.31*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*230.72*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*26.43*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*97.33*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*178.97*	
07 72 13 00-0048	EA	62-3/8" x 74-3/8" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,434.93	317.80
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*103.77*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*247.26*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-144.12*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-38.84*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*27.74*	
07 72 13 00-0049	EA	62" x 86" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,566.79	346.68
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*113.34*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*270.02*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-187.05*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-81.79*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*-19.47*	
07 72 13 00-0050	EA	62" x 98" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,600.50	346.68
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*116.71*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*276.76*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*39.32*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*144.59*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*252.02*	
07 72 13 00-0051	EA	62" x 122" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,734.96	375.57
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*126.55*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*300.05*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-236.12*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-128.71*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*8.79*	

07 72 13 00-0052 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curbs *(07 72 13 00-0003)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0053	EA	26" x 26" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	995.27	231.12
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*70.64*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*170.16*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-33.73*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*11.38*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*35.02*	
07 72 13 00-0054	EA	26" x 38" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,003.05	231.12
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*71.41*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*171.72*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-41.40*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*18.76*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*40.24*	
07 72 13 00-0055	EA	26" x 50" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,077.86	260.01
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*75.28*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*183.07*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-50.60*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*24.60*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*39.64*	
07 72 13 00-0056	EA	26" x 74" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,153.05	260.01
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*82.80*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*198.11*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-67.45*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*29.21*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*44.25*	
07 72 13 00-0057	EA	26" x 98" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,210.10	260.01
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*88.51*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*209.52*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*19.66*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*124.94*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*137.83*	
07 72 13 00-0058	EA	26" x 122" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,458.64	288.90
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*109.75*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*255.62*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-111.92*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-15.25*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*25.57*	
07 72 13 00-0059	EA	38" x 38" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,003.05	231.12
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*71.41*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*171.72*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*11.28*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*97.22*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*135.89*	
07 72 13 00-0060	EA	38" x 50" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,077.86	260.01
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*75.28*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*183.07*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-64.40*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*25.84*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*62.36*	
07 72 13 00-0061	EA	38" x 62" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,210.10	260.01
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*88.51*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*209.52*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-79.73*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*14.80*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*44.88*	
07 72 13 00-0062	EA	38" x 74" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,272.33	260.01
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*94.73*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*221.96*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*19.98*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*123.11*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*151.04*	
07 72 13 00-0063	EA	38" x 98" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,422.34	288.90
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*106.12*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*248.36*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*25.78*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*139.65*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*182.62*	
07 72 13 00-0064	EA	38" x 122" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,561.98	317.80
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*116.47*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*272.67*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*31.58*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*162.64*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*214.21*	
07 72 13 00-0065	EA	50" x 50" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,212.69	260.01
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*88.77*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*210.04*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-82.80*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*11.73*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*35.37*	
07 72 13 00-0066	EA	50" x 62" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,218.56	288.90
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*85.74*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*207.60*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-99.65*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-11.56*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*31.39*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0067	EA	50" x 74" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,360.11	288.90
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*99.90*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*235.91*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-118.05*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-42.87*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*30.18*	
07 72 13 00-0068	EA	50" x 86" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,494.56	317.80
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*109.73*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*259.19*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-138.00*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-41.30*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*27.43*	
07 72 13 00-0069	EA	51" x 99" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,605.69	346.68
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*117.23*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*277.80*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*33.19*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*153.51*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*207.22*	
07 72 13 00-0070	EA	51" x 122" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,742.74	375.57
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*127.33*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*301.60*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-190.12*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-54.78*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*18.27*	
07 72 13 00-0071	EA	62" x 62" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,360.11	288.90
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*99.90*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*235.91*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*26.43*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*97.33*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*178.97*	
07 72 13 00-0072	EA	62-3/8" x 74-3/8" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,463.45	317.80
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*106.62*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*252.97*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-144.12*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-38.84*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*27.74*	
07 72 13 00-0073	EA	62" x 86" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,600.50	346.68
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*116.71*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*276.76*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-187.05*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-81.79*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*-19.47*	
07 72 13 00-0074	EA	62" x 98" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,634.21	346.68
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*120.09*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*283.51*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*39.32*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*144.59*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*252.02*	
07 72 13 00-0075	EA	62" x 122" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,773.85	375.57
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*130.44*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*307.82*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-236.12*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-128.71*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*8.79*	

07 72 13 00-0076 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curbs *(07 72 13 00-0002)*

07 72 13 00-0077 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curbs
(07 72 13 00-0076)

07 72 13 00-0078	EA	26" x 26" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	914.89	231.12
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*62.60*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*154.09*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-33.73*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*11.38*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*35.02*	
07 72 13 00-0079	EA	26" x 38" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	948.59	231.12
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*65.97*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*160.83*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-41.40*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*18.76*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*40.24*	
07 72 13 00-0080	EA	26" x 50" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,085.64	260.01
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*76.06*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*184.63*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-50.60*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*24.60*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*39.64*	
07 72 13 00-0081	EA	26" x 74" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,163.42	260.01
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*83.84*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*200.18*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-67.45*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*29.21*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*44.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0082	EA	26" x 98" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,220.47	260.01
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*89.55*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*211.59*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*19.66*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*124.94*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*137.83*	
07 72 13 00-0083	EA	26" x 122" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,500.13	288.90
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*113.90*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*263.91*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-111.92*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-15.25*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*25.57*	
07 72 13 00-0084	EA	38" x 38" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,010.82	231.12
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*72.19*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*173.27*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*11.28*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*97.22*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*135.89*	
07 72 13 00-0085	EA	38" x 50" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,106.38	260.01
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*78.14*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*188.77*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-64.40*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*25.84*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*62.36*	
07 72 13 00-0086	EA	38" x 62" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,132.31	260.01
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*80.73*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*193.96*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-79.73*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*14.80*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*44.88*	
07 72 13 00-0087	EA	38" x 74" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,155.65	260.01
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*83.06*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*198.63*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*19.98*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*123.11*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*151.04*	
07 72 13 00-0088	EA	38" x 98" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,437.90	288.90
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*107.68*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*251.47*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*25.78*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*139.65*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*182.62*	
07 72 13 00-0089	EA	38" x 122" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,580.13	317.80
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*118.29*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*276.30*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*31.58*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*162.64*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*214.21*	
07 72 13 00-0090	EA	50" x 50" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,223.06	260.01
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*89.80*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*212.11*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-82.80*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*11.73*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*35.37*	
07 72 13 00-0091	EA	50" x 62" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,331.59	288.90
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*97.05*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*230.21*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-99.65*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-11.56*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*31.39*	
07 72 13 00-0092	EA	50" x 74" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,373.08	288.90
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*101.20*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*238.50*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-118.05*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-42.87*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*30.18*	
07 72 13 00-0093	EA	50" x 86" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,510.12	317.80
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*111.29*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*262.30*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-138.00*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-41.30*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*27.43*	
07 72 13 00-0094	EA	51" x 99" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,621.24	346.68
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*118.79*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*280.91*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*33.19*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*153.51*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*207.22*	
07 72 13 00-0095	EA	51" x 122" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,760.89	375.57
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*129.14*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*305.23*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-190.12*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-54.78*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*18.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0096	EA	62" x 62" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,373.08	288.90
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*101.20*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*238.50*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*26.43*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*97.33*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*178.97*	
07 72 13 00-0097	EA	62-3/8" x 74-3/8" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,476.41	317.80
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*107.92*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*255.56*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-144.12*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-38.84*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*27.74*	
07 72 13 00-0098	EA	62" x 86" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,616.06	346.68
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*118.27*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*279.88*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-187.05*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-81.79*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*-19.47*	
07 72 13 00-0099	EA	62" x 98" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,652.36	346.68
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*121.90*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*287.14*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*39.32*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*144.59*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*252.02*	
07 72 13 00-0100	EA	62" x 122" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,794.60	375.57
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*132.51*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*311.97*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-236.12*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-128.71*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*8.79*	

07 72 13 00-0101 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curbs *(07 72 13 00-0076)*

07 72 13 00-0102	EA	26" x 26" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	938.22	231.12
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*64.93*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*158.75*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-33.73*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*11.38*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*35.02*	
07 72 13 00-0103	EA	26" x 38" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	977.12	231.12
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*68.82*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*166.53*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-41.40*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*18.76*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*40.24*	
07 72 13 00-0104	EA	26" x 50" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,124.53	260.01
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*79.95*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*192.40*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-50.60*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*24.60*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*39.64*	
07 72 13 00-0105	EA	26" x 74" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,210.10	260.01
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*88.51*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*209.52*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-67.45*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*29.21*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*44.25*	
07 72 13 00-0106	EA	26" x 98" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,280.10	260.01
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*95.51*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*223.52*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*19.66*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*124.94*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*137.83*	
07 72 13 00-0107	EA	26" x 122" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,510.50	288.90
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*114.94*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*265.99*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-111.92*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-15.25*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*25.57*	
07 72 13 00-0108	EA	38" x 38" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,044.53	231.12
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*75.56*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*180.02*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*11.28*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*97.22*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*135.89*	
07 72 13 00-0109	EA	38" x 50" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,147.87	260.01
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*82.29*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*197.07*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-64.40*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*25.84*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*62.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0110	EA	38" x 62" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,181.57	260.01
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*85.66*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*203.81*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-79.73*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*14.80*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*44.88*	
07 72 13 00-0111	EA	38" x 74" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,212.69	260.01
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*88.77*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*210.04*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*19.98*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*123.11*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*151.04*	
07 72 13 00-0112	EA	38" x 98" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,500.13	288.90
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*113.90*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*263.91*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*25.78*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*139.65*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*182.62*	
07 72 13 00-0113	EA	38" x 122" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,655.32	317.80
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*125.81*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*291.34*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*31.58*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*162.64*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*214.21*	
07 72 13 00-0114	EA	50" x 50" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,269.73	260.01
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*94.47*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*221.44*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-82.80*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*11.73*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*35.37*	
07 72 13 00-0115	EA	50" x 62" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,383.45	288.90
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*102.23*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*240.58*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-99.65*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-11.56*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*31.39*	
07 72 13 00-0116	EA	50" x 74" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,432.71	288.90
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*107.16*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*250.43*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-118.05*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-42.87*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*30.18*	
07 72 13 00-0117	EA	50" x 86" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,572.35	317.80
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*117.51*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*274.75*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-138.00*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-41.30*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*27.43*	
07 72 13 00-0118	EA	51" x 99" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,693.85	346.68
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*126.05*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*295.43*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*33.19*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*153.51*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*207.22*	
07 72 13 00-0119	EA	51" x 122" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,843.86	375.57
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*137.44*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*321.83*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-190.12*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-54.78*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*18.27*	
07 72 13 00-0120	EA	62" x 62" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,432.71	288.90
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*107.16*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*250.43*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*26.43*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*97.33*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*178.97*	
07 72 13 00-0121	EA	62-3/8" x 74-3/8" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,543.83	317.80
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*114.66*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*269.04*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-144.12*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-38.84*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*27.74*	
07 72 13 00-0122	EA	62" x 86" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,688.66	346.68
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*125.53*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*294.40*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-187.05*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-81.79*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*-19.47*	
07 72 13 00-0123	EA	62" x 98" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,727.55	346.68
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*129.42*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*302.17*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*39.32*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*144.59*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*252.02*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0124	EA	62" x 122" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,882.76	375.57
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*141.33*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*329.61*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-236.12*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-128.71*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*8.79*	

07 72 13 00-0125 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curbs *(07 72 13 00-0076)*

07 72 13 00-0126	EA	26" x 26" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	956.37	231.12
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*66.75*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*162.38*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-33.73*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*11.38*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*35.02*	
07 72 13 00-0127	EA	26" x 38" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	997.86	231.12
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*70.90*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*170.68*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-41.40*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*18.76*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*40.24*	
07 72 13 00-0128	EA	26" x 50" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,147.87	260.01
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*82.29*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*197.07*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-50.60*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*24.60*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*39.64*	
07 72 13 00-0129	EA	26" x 74" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,241.21	260.01
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*91.62*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*215.74*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-67.45*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*29.21*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*44.25*	
07 72 13 00-0130	EA	26" x 98" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,319.00	260.01
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*99.40*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*231.30*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*19.66*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*124.94*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*137.83*	
07 72 13 00-0131	EA	26" x 122" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,593.47	288.90
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*123.23*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*282.58*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-111.92*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-15.25*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*25.57*	
07 72 13 00-0132	EA	38" x 38" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,070.46	231.12
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*78.16*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*185.20*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*11.28*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*97.22*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*135.89*	
07 72 13 00-0133	EA	38" x 50" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,191.95	260.01
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*86.69*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*205.89*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-64.40*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*25.84*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*62.36*	
07 72 13 00-0134	EA	38" x 62" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,238.62	260.01
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*91.36*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*215.22*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-79.73*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*14.80*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*44.88*	
07 72 13 00-0135	EA	38" x 74" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,248.99	260.01
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*92.40*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*217.30*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*19.98*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*123.11*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*151.04*	
07 72 13 00-0136	EA	38" x 98" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,546.80	288.90
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*118.57*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*273.25*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*25.78*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*139.65*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*182.62*	
07 72 13 00-0137	EA	38" x 122" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,707.18	317.80
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*130.99*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*301.71*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*31.58*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*162.64*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*214.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0138	EA	50" x 50" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,300.85	260.01
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*97.58*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*227.67*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-82.80*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*11.73*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*35.37*	
07 72 13 00-0139	EA	50" x 62" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,298.06	288.90
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*93.69*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*223.50*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-99.65*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-11.56*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*31.39*	
07 72 13 00-0140	EA	50" x 74" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,471.61	288.90
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*111.05*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*258.21*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-118.05*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-42.87*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*30.18*	
07 72 13 00-0141	EA	50" x 86" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,619.02	317.80
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*122.18*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*284.08*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-138.00*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-41.30*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*27.43*	
07 72 13 00-0142	EA	51" x 99" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,740.52	346.68
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*130.72*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*304.77*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*33.19*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*153.51*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*207.22*	
07 72 13 00-0143	EA	51" x 122" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,900.91	375.57
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*143.14*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*333.24*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-190.12*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-54.78*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*18.27*	
07 72 13 00-0144	EA	62" x 62" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,471.61	288.90
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*111.05*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*258.21*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*26.43*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*97.33*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*178.97*	
07 72 13 00-0145	EA	62-3/8" x 74-3/8" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,590.50	317.80
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*119.33*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*278.38*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-144.12*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-38.84*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*27.74*	
07 72 13 00-0146	EA	62" x 86" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,732.74	346.68
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*129.94*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*303.21*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-187.05*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-81.79*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*-19.47*	
07 72 13 00-0147	EA	62" x 98" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,779.41	346.68
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*134.61*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*312.55*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*39.32*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*144.59*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*252.02*	
07 72 13 00-0148	EA	62" x 122" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,939.80	375.57
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*147.03*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*341.01*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-236.12*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-128.71*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*8.79*	

07 72 13 00-0149 Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curbs *(07 72 13 00-0001)*

Note: Includes 1" rigid foam insulation, mill finish galvanized steel exterior wall construction, painted galvanized steel interior wall construction and installation clips.

07 72 13 00-0150 6" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curbs *(07 72 13 00-0149)*

07 72 13 00-0151	EA	14-1/2" To 23" Square Outside Dimensions, 6" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb	898.80	231.12
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*60.99*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*150.87*	
07 72 13 00-0152	EA	23-1/2" To 32" Square Outside Dimensions, 6" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb	1,041.30	231.12
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*75.24*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*179.37*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0153	EA	32-1/2" To 41" Square Outside Dimensions, 6" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb	1,192.77	260.01
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*86.78*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*206.05*	
07 72 13 00-0154	EA	41" To 49-1/2" Square Outside Dimensions, 6" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb	1,306.55	260.01
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*98.15*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*228.81*	
07 72 13 00-0155	EA	50" To 58-1/2" Square Outside Dimensions, 6" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb	1,444.95	288.90
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*108.38*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*252.88*	

07 72 13 00-0156 12" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curbs *(07 72 13 00-0149)*

07 72 13 00-0157	EA	14-1/2" To 23" Square Outside Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb	1,107.46	231.12
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*81.86*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*192.60*	
07 72 13 00-0158	EA	23-1/2" To 32" Square Outside Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb	1,300.86	231.12
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*101.20*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*231.28*	
07 72 13 00-0159	EA	32-1/2" To 41" Square Outside Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb	1,378.53	260.01
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*105.35*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*243.20*	
07 72 13 00-0160	EA	41" To 49-1/2" Square Outside Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb	1,451.24	260.01
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*112.62*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*257.75*	
07 72 13 00-0161	EA	50" To 58-1/2" Square Outside Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb	1,625.25	288.90
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*126.41*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*288.94*	
07 72 13 00-0162	EA	64" To 72-1/2" Square Outside Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb	2,587.41	317.80
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*219.02*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*477.76*	

07 72 13 00-0163 18" To 24" Height, 16 Gauge, Ventilated Galvanized Steel, Adjustable Width Prefabricated Roof Curbs *(07 72 13 00-0149)*

07 72 13 00-0164	EA	17-1/2" To 22" Square Outside Dimensions, 24" Height, 16 Gauge, Ventilated Galvanized Steel, Adjustable Width Prefabricated Roof Curb	1,450.27	231.12
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*116.14*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*261.16*	
07 72 13 00-0165	EA	24" To 29" Square Outside Dimensions, 24" Height, 16 Gauge, Ventilated Galvanized Steel, Adjustable Width Prefabricated Roof Curb	1,648.02	231.12
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*135.91*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*300.71*	
07 72 13 00-0166	EA	31" To 46" Square Outside Dimensions, 18" Height, 16 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb	1,955.08	260.01
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*163.01*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*358.51*	

07 72 13 00-0167 Wood, Prefabricated Roof Curbs *(07 72 13)*

Note: Includes Douglas fir construction, galvanized steel corner straps, fasteners, sealants, and installation clips. Includes 3/16" wire mesh, 6" x 6" grids, safety security guard with installation clips. Excludes flashing. See CSI section 07 62 13 00-0000 for flashing and trim.

07 72 13 00-0168 Wood Framed, Prefabricated Roof Curbs *(07 72 13 00-0167)*

07 72 13 00-0169 2 x 6 Wood Framed, Prefabricated Roof Curbs *(07 72 13 00-0168)*

07 72 13 00-0170	EA	26" x 26" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb	751.84	231.12
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*46.29*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*121.48*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-33.73*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*11.38*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*35.02*	
07 72 13 00-0171	EA	26" x 50" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb	836.95	260.01
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*51.19*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*134.89*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-50.60*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*24.60*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*39.64*	
07 72 13 00-0172	EA	26" x 98" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb	892.81	260.01
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*56.78*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*146.06*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*19.66*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*124.94*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*137.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0173	EA	38" x 62" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb	886.37	260.01
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*56.14*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*144.77*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-79.73*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*14.80*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*44.88*	
07 72 13 00-0174	EA	38" x 74" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb	901.40	260.01
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*57.64*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*147.78*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*19.98*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*123.11*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*151.04*	
07 72 13 00-0175	EA	38" x 98" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb	1,010.16	288.90
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*64.90*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*165.92*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*25.78*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*139.65*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*182.62*	
07 72 13 00-0176	EA	50" x 50" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb	897.11	260.01
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*57.21*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*146.92*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-82.80*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*11.73*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*35.37*	
07 72 13 00-0177	EA	50" x 74" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb	1,029.50	288.90
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*66.84*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*169.79*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-118.05*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-42.87*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*30.18*	
07 72 13 00-0178	EA	51" x 99" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb	1,173.95	346.68
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*74.06*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*191.45*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*33.19*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*153.51*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*207.22*	
07 72 13 00-0179	EA	62" x 62" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb	990.82	288.90
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*62.97*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*162.05*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*26.43*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*97.33*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*178.97*	
07 72 13 00-0180	EA	62-3/8" x 74-3/8" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb	1,088.82	317.80
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*69.16*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*178.04*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-144.12*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-38.84*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*27.74*	
07 72 13 00-0181	EA	62" x 98" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb	1,216.92	346.68
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*78.36*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*200.05*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*39.32*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*144.59*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*252.02*	

07 72 13 00-0182 2 x 8 Wood Framed, Prefabricated Roof Curbs *(07 72 13 00-0168)*

07 72 13 00-0183	EA	26" x 26" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb	764.73	231.12
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*47.58*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*124.06*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-33.73*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*11.38*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*35.02*	
07 72 13 00-0184	EA	26" x 50" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb	851.99	260.01
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*52.70*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*137.90*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-50.60*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*24.60*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*39.64*	
07 72 13 00-0185	EA	26" x 98" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb	933.63	260.01
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*60.86*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*154.22*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*19.66*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*124.94*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*137.83*	
07 72 13 00-0186	EA	38" x 62" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb	912.15	260.01
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*58.71*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*149.93*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-79.73*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*14.80*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*44.88*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0187	EA	38" x 74" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb	933.63	260.01
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*60.86*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*154.22*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*19.98*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*123.11*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*151.04*	
07 72 13 00-0188	EA	38" x 98" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb	1,042.39	288.90
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*68.13*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*172.37*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*25.78*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*139.65*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*182.62*	
07 72 13 00-0189	EA	50" x 50" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb	920.74	260.01
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*59.57*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*151.65*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-82.80*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*11.73*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*35.37*	
07 72 13 00-0190	EA	50" x 74" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb	1,059.57	288.90
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*69.84*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*175.80*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-118.05*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-42.87*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*30.18*	
07 72 13 00-0191	EA	51" x 99" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb	1,204.02	346.68
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*77.07*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*197.47*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*33.19*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*153.51*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*207.22*	
07 72 13 00-0192	EA	62" x 62" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb	1,014.46	288.90
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*65.33*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*166.78*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*26.43*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*97.33*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*178.97*	
07 72 13 00-0193	EA	62-3/8" x 74-3/8" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb	1,116.76	317.80
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*71.95*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*183.63*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-144.12*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-38.84*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*27.74*	
07 72 13 00-0194	EA	62" x 98" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb	1,246.99	346.68
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*81.36*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*206.06*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*39.32*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*144.59*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*252.02*	

07 72 13 00-0195 2 x 10 Wood Framed, Prefabricated Roof Curbs *(07 72 13 00-0168)*

07 72 13 00-0196	EA	26" x 26" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb	773.32	231.12
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*48.44*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*125.77*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-33.73*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*11.38*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*35.02*	
07 72 13 00-0197	EA	26" x 50" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb	867.03	260.01
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*54.20*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*140.90*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-50.60*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*24.60*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*39.64*	
07 72 13 00-0198	EA	26" x 98" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb	937.93	260.01
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*61.29*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*155.08*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*19.66*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*124.94*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*137.83*	
07 72 13 00-0199	EA	38" x 62" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb	927.19	260.01
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*60.22*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*152.94*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-79.73*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*14.80*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*44.88*	
07 72 13 00-0200	EA	38" x 74" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb	952.97	260.01
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*62.80*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*158.09*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*19.98*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*123.11*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*151.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0201	EA	38" x 98" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb	1,063.87	288.90
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*70.27*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*176.66*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*25.78*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*139.65*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*182.62*	
07 72 13 00-0202	EA	50" x 50" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb	935.78	260.01
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*61.08*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*154.65*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-82.80*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*11.73*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*35.37*	
07 72 13 00-0203	EA	50" x 74" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb	1,078.91	288.90
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*71.78*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*179.67*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-118.05*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-42.87*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*30.18*	
07 72 13 00-0204	EA	51" x 99" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb	1,223.36	346.68
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*79.00*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*201.34*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*33.19*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*153.51*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*207.22*	
07 72 13 00-0205	EA	62" x 62" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb	1,029.50	288.90
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*66.84*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*169.79*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*26.43*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*97.33*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*178.97*	
07 72 13 00-0206	EA	62-3/8" x 74-3/8" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb	1,133.94	317.80
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*73.67*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*187.06*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-144.12*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-38.84*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*27.74*	
07 72 13 00-0207	EA	62" x 98" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb	1,268.48	346.68
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*83.51*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*210.36*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*39.32*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*144.59*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*252.02*	
07 72 13 00-0208		2 x 12 Wood Framed, Prefabricated Roof Curbs *(07 72 13 00-0168)*		
07 72 13 00-0209	EA	26" x 26" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb	784.07	231.12
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*49.52*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*127.92*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-33.73*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*11.38*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*35.02*	
07 72 13 00-0210	EA	26" x 50" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb	875.62	260.01
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*55.06*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*142.62*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-50.60*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*24.60*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*39.64*	
07 72 13 00-0211	EA	26" x 98" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb	957.27	260.01
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*63.23*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*158.95*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*19.66*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*124.94*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*137.83*	
07 72 13 00-0212	EA	38" x 74" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb	974.45	260.01
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*64.94*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*162.39*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*19.98*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*123.11*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*151.04*	
07 72 13 00-0213	EA	38" x 98" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb	1,087.50	288.90
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*72.64*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*181.39*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*25.78*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*139.65*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*182.62*	
07 72 13 00-0214	EA	50" x 50" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb	955.12	260.01
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*63.01*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*158.52*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-82.80*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*11.73*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*35.37*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0215	EA	50" x 74" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb	1,100.40	288.90
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*73.93*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*183.97*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-118.05*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-42.87*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*30.18*	
07 72 13 00-0216	EA	51" x 99" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb	1,249.14	346.68
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*81.58*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*206.49*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*33.19*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*153.51*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*207.22*	
07 72 13 00-0217	EA	62-3/8" x 74-3/8" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb	1,151.13	317.80
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*75.39*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*190.50*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-144.12*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-38.84*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*27.74*	
07 72 13 00-0218		Wood Framed With Liner, Prefabricated Roof Curbs *(07 72 13 00-0167)*		
07 72 13 00-0219		2 x 6 Wood Framed With Liner, Prefabricated Roof Curbs *(07 72 13 00-0218)*		
07 72 13 00-0220	EA	26" x 26" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb	769.03	231.12
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*48.01*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*124.92*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-33.73*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*11.38*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*35.02*	
07 72 13 00-0221	EA	26" x 50" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb	851.99	260.01
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*52.70*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*137.90*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-50.60*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*24.60*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*39.64*	
07 72 13 00-0222	EA	26" x 98" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb	920.74	260.01
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*59.57*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*151.65*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*19.66*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*124.94*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*137.83*	
07 72 13 00-0223	EA	38" x 62" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb	905.70	260.01
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*58.07*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*148.64*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-79.73*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*14.80*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*44.88*	
07 72 13 00-0224	EA	38" x 74" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb	925.04	260.01
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*60.00*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*152.51*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*19.98*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*123.11*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*151.04*	
07 72 13 00-0225	EA	38" x 98" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb	1,035.94	288.90
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*67.48*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*171.08*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*25.78*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*139.65*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*182.62*	
07 72 13 00-0226	EA	50" x 50" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb	916.44	260.01
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*59.14*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*150.79*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-82.80*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*11.73*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*35.37*	
07 72 13 00-0227	EA	50" x 74" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb	1,053.13	288.90
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*69.20*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*174.51*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-118.05*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-42.87*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*30.18*	
07 72 13 00-0228	EA	51" x 99" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb	1,197.58	346.68
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*76.42*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*196.18*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*33.19*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*153.51*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*207.22*	
07 72 13 00-0229	EA	62" x 62" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb	1,016.60	288.90
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*65.55*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*167.21*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*26.43*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*97.33*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*178.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0230	EA	62-3/8" x 74-3/8" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb	1,112.46	317.80
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*71.52*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*182.77*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-144.12*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-38.84*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*27.74*	
07 72 13 00-0231	EA	62" x 98" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb	1,246.99	346.68
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*81.36*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*206.06*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*39.32*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*144.59*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*252.02*	
07 72 13 00-0232		**2 x 8 Wood Framed With Liner, Prefabricated Roof Curbs** *(07 72 13 00-0218)*		
07 72 13 00-0233	EA	26" x 26" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	784.07	231.12
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*49.52*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*127.92*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-33.73*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*11.38*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*35.02*	
07 72 13 00-0234	EA	26" x 50" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	869.18	260.01
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*54.42*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*141.33*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-50.60*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*24.60*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*39.64*	
07 72 13 00-0235	EA	26" x 98" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	946.52	260.01
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*62.15*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*156.80*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*19.66*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*124.94*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*137.83*	
07 72 13 00-0236	EA	38" x 62" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	931.48	260.01
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*60.65*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*153.79*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-79.73*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*14.80*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*44.88*	
07 72 13 00-0237	EA	38" x 74" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	959.41	260.01
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*63.44*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*159.38*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*19.98*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*123.11*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*151.04*	
07 72 13 00-0238	EA	38" x 98" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	1,074.61	288.90
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*71.35*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*178.81*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*25.78*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*139.65*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*182.62*	
07 72 13 00-0239	EA	50" x 50" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	946.52	260.01
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*62.15*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*156.80*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-82.80*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*11.73*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*35.37*	
07 72 13 00-0240	EA	50" x 74" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	1,089.65	288.90
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*72.85*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*181.82*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-118.05*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-42.87*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*30.18*	
07 72 13 00-0241	EA	51" x 99" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	1,238.40	346.68
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*80.50*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*204.34*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*33.19*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*153.51*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*207.22*	
07 72 13 00-0242	EA	62" x 62" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	1,044.54	288.90
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*68.34*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*172.80*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*26.43*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*97.33*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*178.97*	
07 72 13 00-0243	EA	62-3/8" x 74-3/8" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	1,144.69	317.80
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*74.75*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*189.21*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-144.12*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-38.84*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*27.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0244	EA	62" x 98" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	1,283.52	346.68
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*85.02*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*213.37*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*39.32*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*144.59*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*252.02*	

07 72 13 00-0245 2 x 10 Wood Framed With Liner, Prefabricated Roof Curbs *(07 72 13 00-0218)*

07 72 13 00-0246	EA	26" x 26" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb	796.96	231.12
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*50.81*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*130.50*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-33.73*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*11.38*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*35.02*	
07 72 13 00-0247	EA	26" x 50" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb	886.37	260.01
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*56.14*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*144.77*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-50.60*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*24.60*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*39.64*	
07 72 13 00-0248	EA	26" x 98" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb	972.31	260.01
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*64.73*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*161.96*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*19.66*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*124.94*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*137.83*	
07 72 13 00-0249	EA	38" x 62" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb	950.82	260.01
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*62.58*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*157.66*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-79.73*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*14.80*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*44.88*	
07 72 13 00-0250	EA	38" x 74" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb	985.20	260.01
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*66.02*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*164.54*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*19.98*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*123.11*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*151.04*	
07 72 13 00-0251	EA	38" x 98" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb	1,102.54	288.90
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*74.14*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*184.40*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*25.78*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*139.65*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*182.62*	
07 72 13 00-0252	EA	50" x 50" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb	965.86	260.01
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*64.08*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*160.67*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-82.80*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*11.73*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*35.37*	
07 72 13 00-0253	EA	50" x 74" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb	1,113.29	288.90
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*75.22*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*186.55*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-118.05*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-42.87*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*30.18*	
07 72 13 00-0254	EA	51" x 99" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb	1,264.18	346.68
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*83.08*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*209.50*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*33.19*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*153.51*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*207.22*	
07 72 13 00-0255	EA	62" x 62" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb	1,066.02	288.90
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*70.49*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*177.09*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*26.43*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*97.33*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*178.97*	
07 72 13 00-0256	EA	62-3/8" x 74-3/8" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb	1,168.32	317.80
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*77.11*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*193.94*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-144.12*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-38.84*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*27.74*	
07 72 13 00-0257	EA	62" x 98" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb	1,311.45	346.68
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*87.81*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*218.95*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*39.32*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*144.59*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*252.02*	

07 72 13 00-0258 2 x 12 Wood Framed With Liner, Prefabricated Roof Curbs *(07 72 13 00-0218)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0259	EA	26" x 26" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb	822.74	231.12
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*53.38*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*135.66*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-33.73*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*11.38*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*35.02*	
07 72 13 00-0260	EA	26" x 50" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb	899.26	260.01
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*57.42*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*147.35*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-50.60*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*24.60*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*39.64*	
07 72 13 00-0261	EA	26" x 98" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb	991.64	260.01
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*66.66*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*165.83*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*19.66*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*124.94*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*137.83*	
07 72 13 00-0262	EA	38" x 74" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb	1,006.68	260.01
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*68.17*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*168.83*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*19.98*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*123.11*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*151.04*	
07 72 13 00-0263	EA	38" x 98" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb	1,184.19	288.90
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*82.31*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*200.73*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*25.78*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*139.65*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*182.62*	
07 72 13 00-0264	EA	50" x 50" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb	1,028.17	260.01
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*70.32*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*173.13*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-82.80*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*11.73*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*35.37*	
07 72 13 00-0265	EA	50" x 74" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb	1,188.48	288.90
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*82.74*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*201.58*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-118.05*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-42.87*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*30.18*	
07 72 13 00-0266	EA	51" x 99" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb	1,350.12	346.68
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*91.68*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*226.69*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*33.19*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*153.51*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*207.22*	
07 72 13 00-0267	EA	62-3/8" x 74-3/8" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb	1,247.81	317.80
		For Sloped Roofs Up To 1 In 12 Pitch, Add	*85.06*	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	*209.84*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	*-144.12*	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	*-38.84*	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	*27.74*	

07 72 23 Relief Vents *(07 72)*

07 72 23 00-0001 Wind Driven Turbine Ventilators *(07 72 23)*

Note: Excludes curb or flange base.

07 72 23 00-0002 Galvanized Steel, Wind Driven Turbine Ventilators *(07 72 23 00-0001)*

07 72 23 00-0003	EA	6" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator	185.98	32.57
		For Curb Or Flange Base, Add	*201.05*	
07 72 23 00-0004	EA	9" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator	224.04	36.07
		For Curb Or Flange Base, Add	*220.52*	
07 72 23 00-0005	EA	12" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator	240.41	43.05
		For Curb Or Flange Base, Add	*243.76*	
07 72 23 00-0006	EA	15" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator	473.66	47.70
		For Curb Or Flange Base, Add	*403.77*	
07 72 23 00-0007	EA	18" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator	656.51	53.52
		For Curb Or Flange Base, Add	*436.50*	
07 72 23 00-0008	EA	21" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator	794.41	58.17
		For Curb Or Flange Base, Add	*474.10*	
07 72 23 00-0009	EA	24" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator	1,017.66	65.15
		For Curb Or Flange Base, Add	*583.48*	
07 72 23 00-0010	EA	36" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator	1,688.00	87.26
		For Curb Or Flange Base, Add	*967.01*	

07 72 23 00-0011 Mill Finish Aluminum, Wind Driven Turbine Ventilators *(07 72 23 00-0001)*

07 72 23 00-0012	EA	6" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator	178.92	32.57
		For Curb Or Flange Base, Add	*208.19*	
07 72 23 00-0013	EA	9" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator	224.40	36.07
		For Curb Or Flange Base, Add	*228.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 23 00-0014	EA	12" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator	250.34	43.05
		For Curb Or Flange Base, Add	*251.97*	
07 72 23 00-0015	EA	15" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator	456.20	47.70
		For Curb Or Flange Base, Add	*446.18*	
07 72 23 00-0016	EA	18" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator	591.52	53.52
		For Curb Or Flange Base, Add	*475.49*	
07 72 23 00-0017	EA	21" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator	751.77	58.17
		For Curb Or Flange Base, Add	*537.34*	
07 72 23 00-0018	EA	24" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator	1,019.55	65.15
		For Curb Or Flange Base, Add	*651.66*	
07 72 23 00-0019	EA	36" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator	1,522.06	87.26
		For Curb Or Flange Base, Add	*985.86*	

07 72 23 00-0020 Stationary Siphon Ventilators *(07 72 23)*

Note: Excludes curb or flange base.

07 72 23 00-0021 Galvanized Steel, Stationary Siphon Ventilators *(07 72 23 00-0020)*

07 72 23 00-0022	EA	6" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator	155.36	32.57
		For Curb Or Flange Base, Add	*201.05*	
07 72 23 00-0023	EA	9" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator	206.53	36.07
		For Curb Or Flange Base, Add	*220.52*	
07 72 23 00-0024	EA	12" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator	226.06	43.05
		For Curb Or Flange Base, Add	*243.76*	
07 72 23 00-0025	EA	15" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator	395.10	47.70
		For Curb Or Flange Base, Add	*403.77*	
07 72 23 00-0026	EA	18" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator	457.69	53.52
		For Curb Or Flange Base, Add	*436.50*	
07 72 23 00-0027	EA	21" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator	653.90	58.17
		For Curb Or Flange Base, Add	*474.10*	
07 72 23 00-0028	EA	24" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator	854.81	65.15
		For Curb Or Flange Base, Add	*583.48*	
07 72 23 00-0029	EA	36" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator	1,241.28	87.26
		For Curb Or Flange Base, Add	*967.01*	

07 72 23 00-0030 Mill Finish Aluminum, Stationary Siphon Ventilators *(07 72 23 00-0020)*

07 72 23 00-0031	EA	6" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator	171.57	32.57
		For Curb Or Flange Base, Add	*208.19*	
07 72 23 00-0032	EA	9" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator	228.80	36.07
		For Curb Or Flange Base, Add	*228.83*	
07 72 23 00-0033	EA	12" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator	254.03	43.05
		For Curb Or Flange Base, Add	*251.97*	
07 72 23 00-0034	EA	15" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator	421.58	47.70
		For Curb Or Flange Base, Add	*446.18*	
07 72 23 00-0035	EA	18" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator	532.70	53.52
		For Curb Or Flange Base, Add	*475.49*	
07 72 23 00-0036	EA	21" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator	656.18	58.17
		For Curb Or Flange Base, Add	*537.34*	
07 72 23 00-0037	EA	24" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator	946.05	65.15
		For Curb Or Flange Base, Add	*651.66*	
07 72 23 00-0038	EA	36" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator	1,428.10	87.26
		For Curb Or Flange Base, Add	*985.86*	

07 72 23 00-0039 Spun Aluminum, Stationary Mushroom Gravity Ventilators *(07 72 23)*

Note: Includes flange base and bird screen. Excludes curb.

07 72 23 00-0040	EA	8" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator	340.52	52.35
		For Backdraft Damper, Add	*199.65*	
		For Curb Base, Add	*276.67*	
07 72 23 00-0041	EA	10" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator	424.94	58.17
		For Backdraft Damper, Add	*218.44*	
		For Curb Base, Add	*302.39*	
07 72 23 00-0042	EA	12" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator	477.51	69.81
		For Backdraft Damper, Add	*298.30*	
		For Curb Base, Add	*384.94*	
07 72 23 00-0043	EA	16" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator	588.93	76.79
		For Backdraft Damper, Add	*340.58*	
		For Curb Base, Add	*447.63*	
07 72 23 00-0044	EA	24" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator	1,645.24	104.71
		For Backdraft Damper, Add	*427.49*	
		For Curb Base, Add	*587.99*	
07 72 23 00-0045	EA	30" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator	2,014.80	121.00
		For Backdraft Damper, Add	*505.00*	
		For Curb Base, Add	*704.50*	
07 72 23 00-0046	EA	36" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator	2,766.01	139.61
		For Backdraft Damper, Add	*505.00*	
		For Curb Base, Add	*727.61*	
07 72 23 00-0047	EA	42" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator	3,924.88	151.25
		For Backdraft Damper, Add	*528.49*	
		For Curb Base, Add	*751.44*	
07 72 23 00-0048	EA	48" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator	5,692.12	162.88
		For Backdraft Damper, Add	*587.21*	
		For Curb Base, Add	*848.09*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 23 00-0049		Galvanized Steel, Stationary Gooseneck Ventilators *(07 72 23)*		
		Note: Includes flange base and bird screen. Excludes curb.		
07 72 23 00-0050	EA	8" x 8", 26 Gauge, Galvanized Steel, Stationary Gooseneck Ventilator	657.87	58.17
07 72 23 00-0051	EA	12" x 12", 26 Gauge, Galvanized Steel, Stationary Gooseneck Ventilator	764.81	76.79
07 72 23 00-0052	EA	16" x 16", 26 Gauge, Galvanized Steel, Stationary Gooseneck Ventilator	1,105.89	104.71
07 72 23 00-0053	EA	24" x 24", 26 Gauge, Galvanized Steel, Stationary Gooseneck Ventilator	1,749.59	121.00
07 72 26		**Ridge Vents** *(07 72)*		
07 72 26 00-0001		Aluminum Ridge Vents *(07 72 26)*		
07 72 26 00-0002	LF	Aluminum Ridge Vent Strips	15.11	3.38
07 72 26 00-0003	EA	Aluminum Ridge Univent Connectors	54.89	20.98
07 72 26 00-0004	EA	Aluminum Ridge Univent End Cap	50.29	20.98
07 72 26 00-0005		Galvanized Ridge Vents *(07 72 26)*		
07 72 26 00-0006	LF	Galvanized Sheet Metal Ridge Vent Strips	13.66	3.61
07 72 29		**Rafter Vent** *(07 72)*		
07 72 29 00-0001		Rafter Vent *(07 72 29)*		
		Note: Built-in baffle is designed to help keep air flowing freely from soffits to ridge vents.		
07 72 29 00-0002	EA	22" x 4' Rafter Vent	10.81	
07 72 29 00-0003	EA	14" x 4' Rafter Vent	9.74	
07 72 33		**Roof Hatches** *(07 72)*		
		Note: Includes curb with integral insulation, lockable hatch and gaskets.		
07 72 33 00-0001		Galvanized Steel Cover And Curb *(07 72 33)*		
07 72 33 00-0002	EA	2'-6" x 3'-0" Galvanized Steel Roof Hatch	1,494.13	156.37
07 72 33 00-0003	EA	2'-6" x 4'-6" Galvanized Steel Roof Hatch	2,215.86	173.73
07 72 33 00-0004	EA	2'-6" x 8'-0" Galvanized Steel Roof Hatch	3,942.05	236.94
07 72 33 00-0005	EA	3'-0" x 3'-0" Galvanized Steel Roof Hatch	2,188.14	173.73
07 72 33 00-0006	EA	4'-0" x 4'-0" Galvanized Steel Roof Hatch	2,470.77	193.07
07 72 33 00-0007	EA	3'-0" x 8'-0" Galvanized Steel Roof Hatch	4,075.11	263.33
07 72 33 00-0008		Aluminum Cover And Curb *(07 72 33)*		
07 72 33 00-0009	EA	2'-6" x 3'-0" Aluminum Roof Hatch	1,257.71	156.37
07 72 33 00-0010	EA	2'-6" x 4'-6" Aluminum Roof Hatch	1,633.74	173.73
07 72 33 00-0011	EA	2'-6" x 8'-0" Aluminum Roof Hatch	2,966.85	236.94
07 72 33 00-0012	EA	3'-0" x 3'-0" Aluminum Roof Hatch	1,598.17	173.73
07 72 33 00-0013	EA	4'-0" x 4'-0" Aluminum Roof Hatch	2,845.25	193.07
07 72 33 00-0014	EA	3'-0" x 8'-0" Aluminum Roof Hatch	3,127.02	263.33
07 72 33 00-0015	EA	3'-0" x 2'-6" Aluminum Roof Scuttle With Skylight	1,791.30	173.73
07 72 33 00-0016		Steel, Plain, Primed *(07 72 33)*		
07 72 33 00-0017	EA	2'-6" x 3'-0" Plain Steel Roof Hatch Primed	1,430.09	156.37
07 72 33 00-0018	EA	2'-6" x 4'-6" Plain Steel Roof Hatch Primed	1,949.86	173.73
07 72 33 00-0019	EA	2'-6" x 8'-0" Plain Steel Roof Hatch Primed	2,671.65	236.94
07 72 33 00-0020	EA	3'-0" x 3'-0" Plain Steel Roof Hatch Primed	1,809.99	173.73
07 72 33 00-0021	EA	4'-0" x 4'-0" Plain Steel Roof Hatch Primed	2,226.80	193.07
07 72 33 00-0022	EA	3'-0" x 8'-0" Plain Steel Roof Hatch Primed	3,026.04	263.33
07 72 33 00-0023		Stainless Steel *(07 72 33)*		
07 72 33 00-0024	EA	2'-6" x 3'-0" Stainless Steel Roof Hatch	3,039.87	156.37
07 72 33 00-0025	EA	2'-6" x 4'-6" Stainless Steel Roof Hatch	5,841.49	173.73
07 72 33 00-0026	EA	2'-6" x 8'-0" Stainless Steel Roof Hatch	8,789.02	236.94
07 72 33 00-0027	EA	3'-0" x 3'-0" Stainless Steel Roof Hatch	4,683.85	173.73
07 72 33 00-0028	EA	4'-0" x 4'-0" Stainless Steel Roof Hatch	9,930.73	193.07
07 72 33 00-0029	EA	3'-0" x 8'-0" Stainless Steel Roof Hatch	11,114.67	263.33
07 72 33 00-0030		Removal And Reinstallation Of Roof Hatch *(07 72 33)*		
		Note: Includes storage, cleaning and supply materials.		
07 72 33 00-0031	EA	Removal And Reinstallation Of Roof Hatch (All Types)	480.95	
07 72 33 00-0032		Aluminum Cover And Galvanized Steel Curb *(07 72 33)*		
07 72 33 00-0033	EA	Aluminum Cover, Galvanized Steel Curb 3'-0" x 2'-6" Roof	1,218.48	173.73
07 72 33 00-0034	EA	Aluminum Cover, Galvanized Steel Curb 2'-6" x 4'-6" Roof	1,594.50	193.07
07 72 33 00-0035	EA	Aluminum Cover, Galvanized Steel Curb 2'-6" x 8'-0" Roof	2,864.84	263.21
07 72 33 00-0036	EA	Aluminum Cover, Galvanized Steel Curb 3'-0" x 3'-0" Roof	1,566.78	179.17
07 72 33 00-0037	EA	Aluminum Cover, Galvanized Steel Curb 4'-0" x 4'-0" Roof	2,758.93	198.50

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 33 00-0038		Roof Hatch Accessories *(07 72 33)*		
07 72 33 00-0039	EA	Enamel Steel, Roof Hatch Ladderup Safety Post	941.25	81.44
07 72 33 00-0040		Roof Hatch Safety Railing *(07 72 33)*		
		Note: Included mounting bracket to attach to roof hatch		
07 72 33 00-0041	EA	24" x 24" Painted Steel, Roof Hatch Safety Railing With Self Closing Gate	2,019.94	
07 72 33 00-0042	EA	24" x 36" Painted Steel, Roof Hatch Safety Railing With Self Closing Gate	2,096.70	
07 72 33 00-0043	EA	30" x 30" Painted Steel, Roof Hatch Safety Railing With Self Closing Gate	2,149.92	
07 72 33 00-0044	EA	30" x 36" Painted Steel, Roof Hatch Safety Railing With Self Closing Gate	2,340.49	
07 72 33 00-0045	EA	36" x 36" Painted Steel, Roof Hatch Safety Railing With Self Closing Gate	2,560.32	
07 72 33 00-0046	EA	48" x 48" Painted Steel, Roof Hatch Safety Railing With Self Closing Gate	3,279.19	
07 72 36		**Smoke Vents** *(07 72)*		
07 72 36 00-0001		Fire Vent *(07 72 36)*		
07 72 36 00-0002		Galvanized Steel Covers And Curb *(07 72 36 00-0001)*		
07 72 36 00-0003	EA	4'-0" x 4'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent	4,023.09	144.86
07 72 36 00-0004	EA	4'-0" x 6'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent	4,616.88	199.15
07 72 36 00-0005	EA	4'-0" x 7'-6" Galvanized Steel Covers And Curb, Smoke And Fire Vent	5,266.14	217.28
07 72 36 00-0006	EA	4'-0" x 8'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent	5,367.82	228.14
07 72 36 00-0007	EA	5'-0" x 5'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent	6,251.47	199.15
07 72 36 00-0008	EA	5'-0" x 6'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent	6,644.57	217.28
07 72 36 00-0009	EA	5'-0" x 7'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent	7,013.25	235.42
07 72 36 00-0010	EA	5'-0" x 8'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent	7,991.87	253.55
07 72 36 00-0011	EA	5'-0" x 10'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent	9,934.18	271.58
07 72 36 00-0012	EA	5'-6" x 5'-6" Galvanized Steel Covers And Curb, Smoke And Fire Vent	6,635.10	235.42
07 72 36 00-0013	EA	5'-6" x 12'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent	14,035.62	289.71
07 72 36 00-0014	EA	6'-0" x 6'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent	7,634.17	307.84
07 72 36 00-0015		Aluminum Covers And Galvanized Steel Curb *(07 72 36 00-0001)*		
07 72 36 00-0016	EA	4'-0" x 4'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent	2,759.55	144.86
07 72 36 00-0017	EA	4'-0" x 6'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent	3,162.73	199.15
07 72 36 00-0018	EA	4'-0" x 7'-6" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent	3,558.67	217.28
07 72 36 00-0019	EA	4'-0" x 8'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent	3,684.82	228.14
07 72 36 00-0020	EA	5'-0" x 5'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent	3,578.61	199.15
07 72 36 00-0021	EA	5'-0" x 6'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent	4,570.92	217.28
07 72 36 00-0022	EA	5'-0" x 7'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent	4,888.38	235.42
07 72 36 00-0023	EA	5'-0" x 8'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent	4,758.58	253.55
07 72 36 00-0024	EA	5'-0" x 10'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent	6,684.67	271.58
07 72 36 00-0025	EA	5'-6" x 5'-6" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent	4,613.74	235.42
07 72 36 00-0026	EA	5'-6" x 12'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent	8,767.70	289.71
07 72 36 00-0027	EA	6'-0" x 6'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent	4,526.15	307.84
07 72 36 00-0028		Aluminum Covers And Curb *(07 72 36 00-0001)*		
07 72 36 00-0029	EA	4'-0" x 4'-0" Aluminum Covers And Curb, Smoke And Fire Vent	3,010.65	144.86
07 72 36 00-0030	EA	4'-0" x 6'-0" Aluminum Covers And Curb, Smoke And Fire Vent	3,578.61	199.15
07 72 36 00-0031	EA	4'-0" x 7'-6" Aluminum Covers And Curb, Smoke And Fire Vent	3,927.47	217.28
07 72 36 00-0032	EA	4'-0" x 8'-0" Aluminum Covers And Curb, Smoke And Fire Vent	4,155.63	228.14
07 72 36 00-0033	EA	5'-0" x 5'-0" Aluminum Covers And Curb, Smoke And Fire Vent	3,766.94	199.15
07 72 36 00-0034	EA	5'-0" x 6'-0" Aluminum Covers And Curb, Smoke And Fire Vent	4,767.09	217.28
07 72 36 00-0035	EA	5'-0" x 7'-0" Aluminum Covers And Curb, Smoke And Fire Vent	5,061.01	235.42
07 72 36 00-0036	EA	5'-0" x 8'-0" Aluminum Covers And Curb, Smoke And Fire Vent	5,229.39	253.55
07 72 36 00-0037	EA	5'-0" x 10'-0" Aluminum Covers And Curb, Smoke And Fire Vent	6,347.26	271.58
07 72 36 00-0038	EA	5'-6" x 5'-6" Aluminum Covers And Curb, Smoke And Fire Vent	4,833.45	235.42
07 72 36 00-0039	EA	5'-6" x 12'-0" Aluminum Covers And Curb, Smoke And Fire Vent	9,575.93	289.71
07 72 36 00-0040	EA	6'-0" x 6'-0" Aluminum Covers And Curb, Smoke And Fire Vent	4,996.96	307.84
07 72 36 00-0041		Polycarbonate Translucent Cover With Aluminum Frame And Aluminum Curb *(07 72 36)*		
07 72 36 00-0042	EA	4'-0" x 4'-0" Polycarbonate Translucent Cover With Aluminum Frame And Aluminum Curb, Smoke And Fire Vent	2,979.26	144.42
07 72 36 00-0043	EA	4'-0" x 6'-0" Polycarbonate Translucent Cover With Aluminum Frame And Aluminum Curb, Smoke And Fire Vent	3,774.77	199.15
07 72 36 00-0044	EA	4'-0" x 8'-0" Polycarbonate Translucent Cover With Aluminum Frame And Aluminum Curb, Smoke And Fire Vent	3,990.83	228.14
07 72 36 00-0045	EA	5'-0" x 5'-0" Polycarbonate Translucent Cover With Aluminum Frame And Aluminum Curb, Smoke And Fire Vent	4,284.83	199.15
07 72 36 00-0046	EA	5'-0" x 8'-0" Polycarbonate Translucent Cover With Aluminum Frame And Aluminum Curb, Smoke And Fire Vent	4,523.20	253.55
07 72 38		**Roof Dormers** *(07 72)*		
07 72 38 13		**Roof Dormer Vent** *(07 72 38)*		
07 72 38 13-0001		Copper Roof Dormer Vent *(07 72 38 13)*		
		Note: Includes insect screen on the inside of the louvers and fabricated with sturdy wooden framing.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 38 13-0002		Half Round Copper Roof Dormer Vent *(07 72 38 13-0001)*		
07 72 38 13-0003	EA	18" Half Round Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	446.97	66.45
07 72 38 13-0004	EA	18" Half Round Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	561.73	66.45
07 72 38 13-0005	EA	18" Half Round Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	691.89	66.45
07 72 38 13-0006	EA	18" Half Round Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	789.51	66.45
07 72 38 13-0007	EA	18" Half Round Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	905.98	66.45
07 72 38 13-0008	EA	18" Half Round Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,019.02	66.45
07 72 38 13-0009	EA	18" Half Round Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	1,133.77	66.45
07 72 38 13-0010	EA	18" Half Round Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	1,248.52	66.45
07 72 38 13-0011	EA	18" Half Round Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	1,363.27	66.45
07 72 38 13-0012	EA	18" Half Round Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	1,476.31	66.45
07 72 38 13-0013	EA	18" Half Round Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	1,591.06	66.45
07 72 38 13-0014	EA	18" Half Round Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	1,705.81	66.45
07 72 38 13-0015	EA	18" Half Round Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	816.92	66.45
07 72 38 13-0016	EA	18" Half Round Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	931.67	66.45
07 72 38 13-0017	EA	18" Half Round Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,061.83	66.45
07 72 38 13-0018	EA	18" Half Round Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	1,159.46	66.45
07 72 38 13-0019	EA	18" Half Round Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	1,275.92	66.45
07 72 38 13-0020	EA	18" Half Round Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	1,388.96	66.45
07 72 38 13-0021	EA	18" Half Round Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	1,503.71	66.45
07 72 38 13-0022	EA	18" Half Round Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	1,618.46	66.45
07 72 38 13-0023	EA	18" Half Round Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	1,733.21	66.45
07 72 38 13-0024	EA	18" Half Round Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	1,846.25	66.45
07 72 38 13-0025	EA	18" Half Round Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	1,961.00	66.45
07 72 38 13-0026	EA	18" Half Round Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,075.75	66.45
07 72 38 13-0027	EA	24" Half Round Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	527.77	80.44
07 72 38 13-0028	EA	24" Half Round Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	642.52	80.44
07 72 38 13-0029	EA	24" Half Round Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	772.69	80.44
07 72 38 13-0030	EA	24" Half Round Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	870.31	80.44
07 72 38 13-0031	EA	24" Half Round Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	986.78	80.44
07 72 38 13-0032	EA	24" Half Round Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,099.82	80.44
07 72 38 13-0033	EA	24" Half Round Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	1,214.57	80.44
07 72 38 13-0034	EA	24" Half Round Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	1,329.32	80.44
07 72 38 13-0035	EA	24" Half Round Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	1,444.07	80.44
07 72 38 13-0036	EA	24" Half Round Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	1,557.11	80.44
07 72 38 13-0037	EA	24" Half Round Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	1,671.86	80.44
07 72 38 13-0038	EA	24" Half Round Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	1,786.61	80.44
07 72 38 13-0039	EA	24" Half Round Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	897.72	80.44
07 72 38 13-0040	EA	24" Half Round Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,012.47	80.44
07 72 38 13-0041	EA	24" Half Round Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,142.63	80.44
07 72 38 13-0042	EA	24" Half Round Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	1,240.26	80.44
07 72 38 13-0043	EA	24" Half Round Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	1,356.72	80.44
07 72 38 13-0044	EA	24" Half Round Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	1,469.76	80.44
07 72 38 13-0045	EA	24" Half Round Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	1,584.51	80.44
07 72 38 13-0046	EA	24" Half Round Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	1,699.26	80.44
07 72 38 13-0047	EA	24" Half Round Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	1,814.01	80.44
07 72 38 13-0048	EA	24" Half Round Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	1,927.05	80.44
07 72 38 13-0049	EA	24" Half Round Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,041.80	80.44
07 72 38 13-0050	EA	24" Half Round Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,156.55	80.44
07 72 38 13-0051	EA	30" Half Round Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	614.69	89.76
07 72 38 13-0052	EA	30" Half Round Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	729.44	89.76
07 72 38 13-0053	EA	30" Half Round Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	859.60	89.76
07 72 38 13-0054	EA	30" Half Round Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	957.23	89.76
07 72 38 13-0055	EA	30" Half Round Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,073.69	89.76
07 72 38 13-0056	EA	30" Half Round Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,186.73	89.76
07 72 38 13-0057	EA	30" Half Round Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	1,301.48	89.76
07 72 38 13-0058	EA	30" Half Round Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	1,416.23	89.76
07 72 38 13-0059	EA	30" Half Round Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	1,530.98	89.76
07 72 38 13-0060	EA	30" Half Round Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	1,644.02	89.76
07 72 38 13-0061	EA	30" Half Round Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	1,758.77	89.76
07 72 38 13-0062	EA	30" Half Round Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	1,873.52	89.76
07 72 38 13-0063	EA	30" Half Round Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	984.63	89.76
07 72 38 13-0064	EA	30" Half Round Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,099.38	89.76
07 72 38 13-0065	EA	30" Half Round Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,229.55	89.76
07 72 38 13-0066	EA	30" Half Round Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	1,327.17	89.76
07 72 38 13-0067	EA	30" Half Round Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	1,443.64	89.76
07 72 38 13-0068	EA	30" Half Round Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	1,556.67	89.76
07 72 38 13-0069	EA	30" Half Round Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	1,671.42	89.76
07 72 38 13-0070	EA	30" Half Round Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	1,786.18	89.76
07 72 38 13-0071	EA	30" Half Round Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	1,900.93	89.76
07 72 38 13-0072	EA	30" Half Round Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,013.96	89.76
07 72 38 13-0073	EA	30" Half Round Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,128.72	89.76
07 72 38 13-0074	EA	30" Half Round Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,243.47	89.76
07 72 38 13-0075	EA	36" Half Round Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	717.73	102.59
07 72 38 13-0076	EA	36" Half Round Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	832.48	102.59
07 72 38 13-0077	EA	36" Half Round Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	962.65	102.59
07 72 38 13-0078	EA	36" Half Round Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,060.27	102.59
07 72 38 13-0079	EA	36" Half Round Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,176.73	102.59
07 72 38 13-0080	EA	36" Half Round Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,289.77	102.59
07 72 38 13-0081	EA	36" Half Round Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	1,404.52	102.59

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 38 13-0082	EA	36" Half Round Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	1,519.27	102.59
07 72 38 13-0083	EA	36" Half Round Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	1,634.02	102.59
07 72 38 13-0084	EA	36" Half Round Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	1,747.06	102.59
07 72 38 13-0085	EA	36" Half Round Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	1,861.81	102.59
07 72 38 13-0086	EA	36" Half Round Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	1,976.56	102.59
07 72 38 13-0087	EA	36" Half Round Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,087.67	102.59
07 72 38 13-0088	EA	36" Half Round Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,202.42	102.59
07 72 38 13-0089	EA	36" Half Round Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,332.59	102.59
07 72 38 13-0090	EA	36" Half Round Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	1,430.21	102.59
07 72 38 13-0091	EA	36" Half Round Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	1,546.68	102.59
07 72 38 13-0092	EA	36" Half Round Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	1,659.72	102.59
07 72 38 13-0093	EA	36" Half Round Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	1,774.47	102.59
07 72 38 13-0094	EA	36" Half Round Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	1,889.22	102.59
07 72 38 13-0095	EA	36" Half Round Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,003.97	102.59
07 72 38 13-0096	EA	36" Half Round Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,117.01	102.59
07 72 38 13-0097	EA	36" Half Round Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,231.76	102.59
07 72 38 13-0098	EA	36" Half Round Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,346.51	102.59
07 72 38 13-0099	EA	42" Half Round Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,023.71	114.25
07 72 38 13-0100	EA	42" Half Round Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,138.46	114.25
07 72 38 13-0101	EA	42" Half Round Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,268.62	114.25
07 72 38 13-0102	EA	42" Half Round Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,366.25	114.25
07 72 38 13-0103	EA	42" Half Round Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,482.71	114.25
07 72 38 13-0104	EA	42" Half Round Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,595.75	114.25
07 72 38 13-0105	EA	42" Half Round Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	1,710.50	114.25
07 72 38 13-0106	EA	42" Half Round Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	1,825.25	114.25
07 72 38 13-0107	EA	42" Half Round Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	1,940.00	114.25
07 72 38 13-0108	EA	42" Half Round Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	2,053.04	114.25
07 72 38 13-0109	EA	42" Half Round Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,167.79	114.25
07 72 38 13-0110	EA	42" Half Round Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,282.54	114.25
07 72 38 13-0111	EA	42" Half Round Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,393.65	114.25
07 72 38 13-0112	EA	42" Half Round Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,508.40	114.25
07 72 38 13-0113	EA	42" Half Round Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,638.57	114.25
07 72 38 13-0114	EA	42" Half Round Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	1,736.19	114.25
07 72 38 13-0115	EA	42" Half Round Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	1,852.65	114.25
07 72 38 13-0116	EA	42" Half Round Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	1,965.69	114.25
07 72 38 13-0117	EA	42" Half Round Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	2,080.44	114.25
07 72 38 13-0118	EA	42" Half Round Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,195.19	114.25
07 72 38 13-0119	EA	42" Half Round Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,309.95	114.25
07 72 38 13-0120	EA	42" Half Round Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,422.98	114.25
07 72 38 13-0121	EA	42" Half Round Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,537.73	114.25
07 72 38 13-0122	EA	42" Half Round Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,652.49	114.25
07 72 38 13-0123	EA	48" Half Round Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,390.65	114.25
07 72 38 13-0124	EA	48" Half Round Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,520.56	123.57
07 72 38 13-0125	EA	48" Half Round Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,650.73	123.57
07 72 38 13-0126	EA	48" Half Round Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,748.35	123.57
07 72 38 13-0127	EA	48" Half Round Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,864.82	123.57
07 72 38 13-0128	EA	48" Half Round Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,977.86	123.57
07 72 38 13-0129	EA	48" Half Round Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	2,092.61	123.57
07 72 38 13-0130	EA	48" Half Round Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	2,207.36	123.57
07 72 38 13-0131	EA	48" Half Round Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	2,322.11	123.57
07 72 38 13-0132	EA	48" Half Round Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	2,435.15	123.57
07 72 38 13-0133	EA	48" Half Round Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,549.90	123.57
07 72 38 13-0134	EA	48" Half Round Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,664.65	123.57
07 72 38 13-0135	EA	48" Half Round Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,775.76	123.57
07 72 38 13-0136	EA	48" Half Round Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,890.51	123.57
07 72 38 13-0137	EA	48" Half Round Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	2,020.67	123.57
07 72 38 13-0138	EA	48" Half Round Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	2,118.30	123.57
07 72 38 13-0139	EA	48" Half Round Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	2,234.76	123.57
07 72 38 13-0140	EA	48" Half Round Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	2,347.80	123.57
07 72 38 13-0141	EA	48" Half Round Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	2,462.55	123.57
07 72 38 13-0142	EA	48" Half Round Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,577.30	123.57
07 72 38 13-0143	EA	48" Half Round Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,692.05	123.57
07 72 38 13-0144	EA	48" Half Round Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,805.09	123.57
07 72 38 13-0145	EA	48" Half Round Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,919.84	123.57
07 72 38 13-0146	EA	48" Half Round Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	3,034.59	123.57

07 72 38 13-0147 Third Round Copper Roof Dormer Vent *(07 72 38 13-0001)*

07 72 38 13-0148	EA	36" Third Round Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	673.22	102.59
07 72 38 13-0149	EA	36" Third Round Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	787.97	102.59
07 72 38 13-0150	EA	36" Third Round Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	918.13	102.59
07 72 38 13-0151	EA	36" Third Round Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,015.76	102.59
07 72 38 13-0152	EA	36" Third Round Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,132.22	102.59
07 72 38 13-0153	EA	36" Third Round Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,245.26	102.59
07 72 38 13-0154	EA	36" Third Round Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	1,360.01	102.59
07 72 38 13-0155	EA	36" Third Round Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	1,474.76	102.59
07 72 38 13-0156	EA	36" Third Round Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	1,589.51	102.59
07 72 38 13-0157	EA	36" Third Round Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	1,702.55	102.59
07 72 38 13-0158	EA	36" Third Round Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	1,817.30	102.59
07 72 38 13-0159	EA	36" Third Round Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	1,932.05	102.59
07 72 38 13-0160	EA	36" Third Round Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	889.02	102.59

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 38 13-0161	EA	36" Third Round Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,003.77	102.59
07 72 38 13-0162	EA	36" Third Round Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,133.93	102.59
07 72 38 13-0163	EA	36" Third Round Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	1,231.56	102.59
07 72 38 13-0164	EA	36" Third Round Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	1,348.02	102.59
07 72 38 13-0165	EA	36" Third Round Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	1,461.06	102.59
07 72 38 13-0166	EA	36" Third Round Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	1,575.81	102.59
07 72 38 13-0167	EA	36" Third Round Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	1,690.56	102.59
07 72 38 13-0168	EA	36" Third Round Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	1,805.31	102.59
07 72 38 13-0169	EA	36" Third Round Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	1,918.35	102.59
07 72 38 13-0170	EA	36" Third Round Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,033.10	102.59
07 72 38 13-0171	EA	36" Third Round Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,147.85	102.59
07 72 38 13-0172	EA	42" Third Round Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	767.08	114.25
07 72 38 13-0173	EA	42" Third Round Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	881.83	114.25
07 72 38 13-0174	EA	42" Third Round Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,011.99	114.25
07 72 38 13-0175	EA	42" Third Round Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,109.62	114.25
07 72 38 13-0176	EA	42" Third Round Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,226.08	114.25
07 72 38 13-0177	EA	42" Third Round Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,339.12	114.25
07 72 38 13-0178	EA	42" Third Round Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	1,453.87	114.25
07 72 38 13-0179	EA	42" Third Round Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	1,568.62	114.25
07 72 38 13-0180	EA	42" Third Round Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	1,683.37	114.25
07 72 38 13-0181	EA	42" Third Round Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	1,796.41	114.25
07 72 38 13-0182	EA	42" Third Round Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	1,911.16	114.25
07 72 38 13-0183	EA	42" Third Round Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,025.91	114.25
07 72 38 13-0184	EA	42" Third Round Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	982.88	114.25
07 72 38 13-0185	EA	42" Third Round Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,097.63	114.25
07 72 38 13-0186	EA	42" Third Round Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,227.79	114.25
07 72 38 13-0187	EA	42" Third Round Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	1,325.42	114.25
07 72 38 13-0188	EA	42" Third Round Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	1,441.88	114.25
07 72 38 13-0189	EA	42" Third Round Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	1,554.92	114.25
07 72 38 13-0190	EA	42" Third Round Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	1,669.67	114.25
07 72 38 13-0191	EA	42" Third Round Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	1,784.42	114.25
07 72 38 13-0192	EA	42" Third Round Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	1,899.17	114.25
07 72 38 13-0193	EA	42" Third Round Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,012.21	114.25
07 72 38 13-0194	EA	42" Third Round Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,126.96	114.25
07 72 38 13-0195	EA	42" Third Round Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,241.71	114.25
07 72 38 13-0196	EA	48" Third Round Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	983.89	114.25
07 72 38 13-0197	EA	48" Third Round Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,113.80	123.57
07 72 38 13-0198	EA	48" Third Round Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,243.96	123.57
07 72 38 13-0199	EA	48" Third Round Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,341.59	123.57
07 72 38 13-0200	EA	48" Third Round Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,458.05	123.57
07 72 38 13-0201	EA	48" Third Round Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,571.09	123.57
07 72 38 13-0202	EA	48" Third Round Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	1,685.84	123.57
07 72 38 13-0203	EA	48" Third Round Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	1,800.59	123.57
07 72 38 13-0204	EA	48" Third Round Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	1,915.34	123.57
07 72 38 13-0205	EA	48" Third Round Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	2,028.38	123.57
07 72 38 13-0206	EA	48" Third Round Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,143.13	123.57
07 72 38 13-0207	EA	48" Third Round Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,257.88	123.57
07 72 38 13-0208	EA	48" Third Round Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,214.85	123.57
07 72 38 13-0209	EA	48" Third Round Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,329.60	123.57
07 72 38 13-0210	EA	48" Third Round Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,459.76	123.57
07 72 38 13-0211	EA	48" Third Round Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	1,557.39	123.57
07 72 38 13-0212	EA	48" Third Round Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	1,673.85	123.57
07 72 38 13-0213	EA	48" Third Round Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	1,786.89	123.57
07 72 38 13-0214	EA	48" Third Round Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	1,901.64	123.57
07 72 38 13-0215	EA	48" Third Round Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,016.39	123.57
07 72 38 13-0216	EA	48" Third Round Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,131.14	123.57
07 72 38 13-0217	EA	48" Third Round Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,244.18	123.57
07 72 38 13-0218	EA	48" Third Round Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,358.93	123.57
07 72 38 13-0219	EA	48" Third Round Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,473.68	123.57

07 72 38 13-0220 Triangle Copper Roof Dormer Vent *(07 72 38 13-0001)*

07 72 38 13-0221	EA	18" x 9" Triangle Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	765.43	66.45
07 72 38 13-0222	EA	18" x 9" Triangle Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	880.18	66.45
07 72 38 13-0223	EA	18" x 9" Triangle Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,010.35	66.45
07 72 38 13-0224	EA	18" x 9" Triangle Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,107.97	66.45
07 72 38 13-0225	EA	18" x 9" Triangle Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,224.44	66.45
07 72 38 13-0226	EA	18" x 9" Triangle Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,337.48	66.45
07 72 38 13-0227	EA	18" x 9" Triangle Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	1,452.23	66.45
07 72 38 13-0228	EA	18" x 9" Triangle Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	1,566.98	66.45
07 72 38 13-0229	EA	18" x 9" Triangle Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	1,681.73	66.45
07 72 38 13-0230	EA	18" x 9" Triangle Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	1,794.77	66.45
07 72 38 13-0231	EA	18" x 9" Triangle Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	1,909.52	66.45
07 72 38 13-0232	EA	18" x 9" Triangle Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,024.27	66.45
07 72 38 13-0233	EA	18" x 9" Triangle Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,135.38	66.45
07 72 38 13-0234	EA	18" x 9" Triangle Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,250.13	66.45
07 72 38 13-0235	EA	18" x 9" Triangle Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,380.29	66.45
07 72 38 13-0236	EA	18" x 9" Triangle Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	1,477.92	66.45
07 72 38 13-0237	EA	18" x 9" Triangle Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	1,594.38	66.45
07 72 38 13-0238	EA	18" x 9" Triangle Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	1,707.42	66.45
07 72 38 13-0239	EA	18" x 9" Triangle Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	1,822.17	66.45

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 38 13-0240	EA	18" x 9" Triangle Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	1,936.92	66.45
07 72 38 13-0241	EA	18" x 9" Triangle Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,051.67	66.45
07 72 38 13-0242	EA	18" x 9" Triangle Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,164.71	66.45
07 72 38 13-0243	EA	18" x 9" Triangle Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,279.46	66.45
07 72 38 13-0244	EA	18" x 9" Triangle Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,394.21	66.45
07 72 38 13-0245	EA	18" x 12" Triangle Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	824.62	66.45
07 72 38 13-0246	EA	18" x 12" Triangle Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	939.38	66.45
07 72 38 13-0247	EA	18" x 12" Triangle Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,069.54	66.45
07 72 38 13-0248	EA	18" x 12" Triangle Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,167.16	66.45
07 72 38 13-0249	EA	18" x 12" Triangle Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,283.63	66.45
07 72 38 13-0250	EA	18" x 12" Triangle Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,396.67	66.45
07 72 38 13-0251	EA	18" x 12" Triangle Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	1,511.42	66.45
07 72 38 13-0252	EA	18" x 12" Triangle Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	1,626.17	66.45
07 72 38 13-0253	EA	18" x 12" Triangle Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	1,740.92	66.45
07 72 38 13-0254	EA	18" x 12" Triangle Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	1,853.96	66.45
07 72 38 13-0255	EA	18" x 12" Triangle Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	1,968.71	66.45
07 72 38 13-0256	EA	18" x 12" Triangle Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,083.46	66.45
07 72 38 13-0257	EA	18" x 12" Triangle Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,194.57	66.45
07 72 38 13-0258	EA	18" x 12" Triangle Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,309.32	66.45
07 72 38 13-0259	EA	18" x 12" Triangle Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,439.48	66.45
07 72 38 13-0260	EA	18" x 12" Triangle Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	1,537.11	66.45
07 72 38 13-0261	EA	18" x 12" Triangle Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	1,653.57	66.45
07 72 38 13-0262	EA	18" x 12" Triangle Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	1,766.61	66.45
07 72 38 13-0263	EA	18" x 12" Triangle Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	1,881.36	66.45
07 72 38 13-0264	EA	18" x 12" Triangle Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	1,996.11	66.45
07 72 38 13-0265	EA	18" x 12" Triangle Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,110.86	66.45
07 72 38 13-0266	EA	18" x 12" Triangle Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,223.90	66.45
07 72 38 13-0267	EA	18" x 12" Triangle Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,338.65	66.45
07 72 38 13-0268	EA	18" x 12" Triangle Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,453.40	66.45
07 72 38 13-0269	EA	24" x 12" Triangle Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	923.36	80.44
07 72 38 13-0270	EA	24" x 12" Triangle Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,038.11	80.44
07 72 38 13-0271	EA	24" x 12" Triangle Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,168.27	80.44
07 72 38 13-0272	EA	24" x 12" Triangle Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,265.90	80.44
07 72 38 13-0273	EA	24" x 12" Triangle Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,382.36	80.44
07 72 38 13-0274	EA	24" x 12" Triangle Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,495.40	80.44
07 72 38 13-0275	EA	24" x 12" Triangle Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	1,610.15	80.44
07 72 38 13-0276	EA	24" x 12" Triangle Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	1,724.90	80.44
07 72 38 13-0277	EA	24" x 12" Triangle Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	1,839.65	80.44
07 72 38 13-0278	EA	24" x 12" Triangle Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	1,952.69	80.44
07 72 38 13-0279	EA	24" x 12" Triangle Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,067.44	80.44
07 72 38 13-0280	EA	24" x 12" Triangle Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,182.19	80.44
07 72 38 13-0281	EA	24" x 12" Triangle Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,293.30	80.44
07 72 38 13-0282	EA	24" x 12" Triangle Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,408.05	80.44
07 72 38 13-0283	EA	24" x 12" Triangle Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,538.22	80.44
07 72 38 13-0284	EA	24" x 12" Triangle Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	1,635.84	80.44
07 72 38 13-0285	EA	24" x 12" Triangle Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	1,752.30	80.44
07 72 38 13-0286	EA	24" x 12" Triangle Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	1,865.34	80.44
07 72 38 13-0287	EA	24" x 12" Triangle Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	1,980.09	80.44
07 72 38 13-0288	EA	24" x 12" Triangle Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,094.84	80.44
07 72 38 13-0289	EA	24" x 12" Triangle Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,209.59	80.44
07 72 38 13-0290	EA	24" x 12" Triangle Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,322.63	80.44
07 72 38 13-0291	EA	24" x 12" Triangle Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,437.38	80.44
07 72 38 13-0292	EA	24" x 12" Triangle Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,552.13	80.44
07 72 38 13-0293	EA	24" x 16" Triangle Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,028.58	80.44
07 72 38 13-0294	EA	24" x 16" Triangle Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,143.34	80.44
07 72 38 13-0295	EA	24" x 16" Triangle Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,273.50	80.44
07 72 38 13-0296	EA	24" x 16" Triangle Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,371.12	80.44
07 72 38 13-0297	EA	24" x 16" Triangle Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,487.59	80.44
07 72 38 13-0298	EA	24" x 16" Triangle Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,600.63	80.44
07 72 38 13-0299	EA	24" x 16" Triangle Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	1,715.38	80.44
07 72 38 13-0300	EA	24" x 16" Triangle Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	1,830.13	80.44
07 72 38 13-0301	EA	24" x 16" Triangle Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	1,944.88	80.44
07 72 38 13-0302	EA	24" x 16" Triangle Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	2,057.92	80.44
07 72 38 13-0303	EA	24" x 16" Triangle Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,172.67	80.44
07 72 38 13-0304	EA	24" x 16" Triangle Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,287.42	80.44
07 72 38 13-0305	EA	24" x 16" Triangle Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,398.53	80.44
07 72 38 13-0306	EA	24" x 16" Triangle Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,513.28	80.44
07 72 38 13-0307	EA	24" x 16" Triangle Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,643.44	80.44
07 72 38 13-0308	EA	24" x 16" Triangle Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	1,741.07	80.44
07 72 38 13-0309	EA	24" x 16" Triangle Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	1,857.53	80.44
07 72 38 13-0310	EA	24" x 16" Triangle Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	1,970.57	80.44
07 72 38 13-0311	EA	24" x 16" Triangle Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	2,085.32	80.44
07 72 38 13-0312	EA	24" x 16" Triangle Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,200.07	80.44
07 72 38 13-0313	EA	24" x 16" Triangle Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,314.82	80.44
07 72 38 13-0314	EA	24" x 16" Triangle Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,427.86	80.44
07 72 38 13-0315	EA	24" x 16" Triangle Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,542.61	80.44
07 72 38 13-0316	EA	24" x 16" Triangle Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,657.36	80.44
07 72 38 13-0317	EA	30" x 15" Triangle Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,116.10	89.76
07 72 38 13-0318	EA	30" x 15" Triangle Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,230.85	89.76
07 72 38 13-0319	EA	30" x 15" Triangle Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,361.01	89.76
07 72 38 13-0320	EA	30" x 15" Triangle Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,458.64	89.76

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 38 13-0321	EA	30" x 15" Triangle Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,575.10	89.76
07 72 38 13-0322	EA	30" x 15" Triangle Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,688.14	89.76
07 72 38 13-0323	EA	30" x 15" Triangle Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	1,802.89	89.76
07 72 38 13-0324	EA	30" x 15" Triangle Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	1,917.64	89.76
07 72 38 13-0325	EA	30" x 15" Triangle Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	2,032.39	89.76
07 72 38 13-0326	EA	30" x 15" Triangle Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	2,145.43	89.76
07 72 38 13-0327	EA	30" x 15" Triangle Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,260.18	89.76
07 72 38 13-0328	EA	30" x 15" Triangle Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,374.93	89.76
07 72 38 13-0329	EA	30" x 15" Triangle Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,486.04	89.76
07 72 38 13-0330	EA	30" x 15" Triangle Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,600.79	89.76
07 72 38 13-0331	EA	30" x 15" Triangle Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,730.96	89.76
07 72 38 13-0332	EA	30" x 15" Triangle Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	1,828.58	89.76
07 72 38 13-0333	EA	30" x 15" Triangle Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	1,945.05	89.76
07 72 38 13-0334	EA	30" x 15" Triangle Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	2,058.08	89.76
07 72 38 13-0335	EA	30" x 15" Triangle Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	2,172.83	89.76
07 72 38 13-0336	EA	30" x 15" Triangle Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,287.59	89.76
07 72 38 13-0337	EA	30" x 15" Triangle Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,402.34	89.76
07 72 38 13-0338	EA	30" x 15" Triangle Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,515.37	89.76
07 72 38 13-0339	EA	30" x 15" Triangle Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,630.13	89.76
07 72 38 13-0340	EA	30" x 15" Triangle Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,744.88	89.76
07 72 38 13-0341	EA	30" x 20" Triangle Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,280.52	89.76
07 72 38 13-0342	EA	30" x 20" Triangle Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,395.27	89.76
07 72 38 13-0343	EA	30" x 20" Triangle Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,525.43	89.76
07 72 38 13-0344	EA	30" x 20" Triangle Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,623.06	89.76
07 72 38 13-0345	EA	30" x 20" Triangle Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,739.52	89.76
07 72 38 13-0346	EA	30" x 20" Triangle Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,852.56	89.76
07 72 38 13-0347	EA	30" x 20" Triangle Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	1,967.31	89.76
07 72 38 13-0348	EA	30" x 20" Triangle Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	2,082.06	89.76
07 72 38 13-0349	EA	30" x 20" Triangle Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	2,196.81	89.76
07 72 38 13-0350	EA	30" x 20" Triangle Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	2,309.85	89.76
07 72 38 13-0351	EA	30" x 20" Triangle Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,424.60	89.76
07 72 38 13-0352	EA	30" x 20" Triangle Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,539.35	89.76
07 72 38 13-0353	EA	30" x 20" Triangle Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,650.46	89.76
07 72 38 13-0354	EA	30" x 20" Triangle Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,765.21	89.76
07 72 38 13-0355	EA	30" x 20" Triangle Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,895.38	89.76
07 72 38 13-0356	EA	30" x 20" Triangle Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	1,993.00	89.76
07 72 38 13-0357	EA	30" x 20" Triangle Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	2,109.46	89.76
07 72 38 13-0358	EA	30" x 20" Triangle Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	2,222.50	89.76
07 72 38 13-0359	EA	30" x 20" Triangle Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	2,337.25	89.76
07 72 38 13-0360	EA	30" x 20" Triangle Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,452.00	89.76
07 72 38 13-0361	EA	30" x 20" Triangle Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,566.76	89.76
07 72 38 13-0362	EA	30" x 20" Triangle Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,679.79	89.76
07 72 38 13-0363	EA	30" x 20" Triangle Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,794.54	89.76
07 72 38 13-0364	EA	30" x 20" Triangle Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,909.30	89.76
07 72 38 13-0365	EA	36" x 18" Triangle Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,351.77	102.59
07 72 38 13-0366	EA	36" x 18" Triangle Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,466.52	102.59
07 72 38 13-0367	EA	36" x 18" Triangle Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,596.69	102.59
07 72 38 13-0368	EA	36" x 18" Triangle Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,694.31	102.59
07 72 38 13-0369	EA	36" x 18" Triangle Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,810.78	102.59
07 72 38 13-0370	EA	36" x 18" Triangle Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,923.81	102.59
07 72 38 13-0371	EA	36" x 18" Triangle Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	2,038.56	102.59
07 72 38 13-0372	EA	36" x 18" Triangle Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	2,153.32	102.59
07 72 38 13-0373	EA	36" x 18" Triangle Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	2,268.07	102.59
07 72 38 13-0374	EA	36" x 18" Triangle Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	2,381.10	102.59
07 72 38 13-0375	EA	36" x 18" Triangle Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,495.86	102.59
07 72 38 13-0376	EA	36" x 18" Triangle Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,610.61	102.59
07 72 38 13-0377	EA	36" x 18" Triangle Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,721.72	102.59
07 72 38 13-0378	EA	36" x 18" Triangle Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,836.47	102.59
07 72 38 13-0379	EA	36" x 18" Triangle Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,966.63	102.59
07 72 38 13-0380	EA	36" x 18" Triangle Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	2,064.26	102.59
07 72 38 13-0381	EA	36" x 18" Triangle Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	2,180.72	102.59
07 72 38 13-0382	EA	36" x 18" Triangle Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	2,293.76	102.59
07 72 38 13-0383	EA	36" x 18" Triangle Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	2,408.51	102.59
07 72 38 13-0384	EA	36" x 18" Triangle Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,523.26	102.59
07 72 38 13-0385	EA	36" x 18" Triangle Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,638.01	102.59
07 72 38 13-0386	EA	36" x 18" Triangle Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,751.05	102.59
07 72 38 13-0387	EA	36" x 18" Triangle Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,865.80	102.59
07 72 38 13-0388	EA	36" x 18" Triangle Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,980.55	102.59
07 72 38 13-0389	EA	36" x 24" Triangle Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,588.54	102.59
07 72 38 13-0390	EA	36" x 24" Triangle Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,703.29	102.59
07 72 38 13-0391	EA	36" x 24" Triangle Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,833.45	102.59
07 72 38 13-0392	EA	36" x 24" Triangle Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,931.08	102.59
07 72 38 13-0393	EA	36" x 24" Triangle Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	2,047.54	102.59
07 72 38 13-0394	EA	36" x 24" Triangle Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	2,160.58	102.59
07 72 38 13-0395	EA	36" x 24" Triangle Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	2,275.33	102.59
07 72 38 13-0396	EA	36" x 24" Triangle Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	2,390.08	102.59
07 72 38 13-0397	EA	36" x 24" Triangle Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	2,504.83	102.59
07 72 38 13-0398	EA	36" x 24" Triangle Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	2,617.87	102.59
07 72 38 13-0399	EA	36" x 24" Triangle Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,732.62	102.59
07 72 38 13-0400	EA	36" x 24" Triangle Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,847.37	102.59
07 72 38 13-0401	EA	36" x 24" Triangle Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,958.48	102.59

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 38 13-0402	EA	36" x 24" Triangle Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	2,073.23	102.59
07 72 38 13-0403	EA	36" x 24" Triangle Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	2,203.39	102.59
07 72 38 13-0404	EA	36" x 24" Triangle Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	2,301.02	102.59
07 72 38 13-0405	EA	36" x 24" Triangle Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	2,417.48	102.59
07 72 38 13-0406	EA	36" x 24" Triangle Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	2,530.52	102.59
07 72 38 13-0407	EA	36" x 24" Triangle Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	2,645.27	102.59
07 72 38 13-0408	EA	36" x 24" Triangle Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,760.02	102.59
07 72 38 13-0409	EA	36" x 24" Triangle Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,874.77	102.59
07 72 38 13-0410	EA	36" x 24" Triangle Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,987.81	102.59
07 72 38 13-0411	EA	36" x 24" Triangle Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	3,102.56	102.59
07 72 38 13-0412	EA	36" x 24" Triangle Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	3,217.31	102.59
07 72 38 13-0413	EA	42" x 21" Triangle Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,625.76	114.25
07 72 38 13-0414	EA	42" x 21" Triangle Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,740.51	114.25
07 72 38 13-0415	EA	42" x 21" Triangle Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,870.67	114.25
07 72 38 13-0416	EA	42" x 21" Triangle Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,968.30	114.25
07 72 38 13-0417	EA	42" x 21" Triangle Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	2,084.76	114.25
07 72 38 13-0418	EA	42" x 21" Triangle Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	2,197.80	114.25
07 72 38 13-0419	EA	42" x 21" Triangle Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	2,312.55	114.25
07 72 38 13-0420	EA	42" x 21" Triangle Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	2,427.30	114.25
07 72 38 13-0421	EA	42" x 21" Triangle Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	2,542.05	114.25
07 72 38 13-0422	EA	42" x 21" Triangle Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	2,655.09	114.25
07 72 38 13-0423	EA	42" x 21" Triangle Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,769.84	114.25
07 72 38 13-0424	EA	42" x 21" Triangle Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,884.59	114.25
07 72 38 13-0425	EA	42" x 21" Triangle Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,995.70	114.25
07 72 38 13-0426	EA	42" x 21" Triangle Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	2,110.45	114.25
07 72 38 13-0427	EA	42" x 21" Triangle Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	2,240.62	114.25
07 72 38 13-0428	EA	42" x 21" Triangle Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	2,338.24	114.25
07 72 38 13-0429	EA	42" x 21" Triangle Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	2,454.70	114.25
07 72 38 13-0430	EA	42" x 21" Triangle Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	2,567.74	114.25
07 72 38 13-0431	EA	42" x 21" Triangle Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	2,682.49	114.25
07 72 38 13-0432	EA	42" x 21" Triangle Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,797.24	114.25
07 72 38 13-0433	EA	42" x 21" Triangle Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,911.99	114.25
07 72 38 13-0434	EA	42" x 21" Triangle Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	3,025.03	114.25
07 72 38 13-0435	EA	42" x 21" Triangle Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	3,139.78	114.25
07 72 38 13-0436	EA	42" x 21" Triangle Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	3,254.53	114.25
07 72 38 13-0437	EA	42" x 28" Triangle Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,948.02	113.87
07 72 38 13-0438	EA	42" x 28" Triangle Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	2,062.77	113.87
07 72 38 13-0439	EA	42" x 28" Triangle Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	2,192.93	113.87
07 72 38 13-0440	EA	42" x 28" Triangle Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	2,290.56	113.87
07 72 38 13-0441	EA	42" x 28" Triangle Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	2,407.02	113.87
07 72 38 13-0442	EA	42" x 28" Triangle Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	2,520.06	113.87
07 72 38 13-0443	EA	42" x 28" Triangle Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	2,634.81	113.87
07 72 38 13-0444	EA	42" x 28" Triangle Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	2,749.56	113.87
07 72 38 13-0445	EA	42" x 28" Triangle Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	2,864.31	113.87
07 72 38 13-0446	EA	42" x 28" Triangle Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	2,977.35	113.87
07 72 38 13-0447	EA	42" x 28" Triangle Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	3,092.10	113.87
07 72 38 13-0448	EA	42" x 28" Triangle Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	3,206.85	113.87
07 72 38 13-0449	EA	42" x 28" Triangle Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	2,317.96	113.87
07 72 38 13-0450	EA	42" x 28" Triangle Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	2,432.71	113.87
07 72 38 13-0451	EA	42" x 28" Triangle Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	2,562.88	113.87
07 72 38 13-0452	EA	42" x 28" Triangle Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	2,660.50	113.87
07 72 38 13-0453	EA	42" x 28" Triangle Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	2,776.96	113.87
07 72 38 13-0454	EA	42" x 28" Triangle Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	2,890.00	113.87
07 72 38 13-0455	EA	42" x 28" Triangle Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	3,004.75	113.87
07 72 38 13-0456	EA	42" x 28" Triangle Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	3,119.50	113.87
07 72 38 13-0457	EA	42" x 28" Triangle Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	3,234.26	113.87
07 72 38 13-0458	EA	42" x 28" Triangle Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	3,347.29	113.87
07 72 38 13-0459	EA	42" x 28" Triangle Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	3,462.04	113.87
07 72 38 13-0460	EA	42" x 28" Triangle Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	3,576.80	113.87
07 72 38 13-0461	EA	48" x 24" Triangle Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,921.71	113.87
07 72 38 13-0462	EA	48" x 24" Triangle Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	2,051.62	123.87
07 72 38 13-0463	EA	48" x 24" Triangle Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	2,181.79	123.87
07 72 38 13-0464	EA	48" x 24" Triangle Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	2,279.41	123.87
07 72 38 13-0465	EA	48" x 24" Triangle Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	2,395.87	123.87
07 72 38 13-0466	EA	48" x 24" Triangle Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	2,508.91	123.87
07 72 38 13-0467	EA	48" x 24" Triangle Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	2,623.66	123.87
07 72 38 13-0468	EA	48" x 24" Triangle Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	2,738.41	123.87
07 72 38 13-0469	EA	48" x 24" Triangle Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	2,853.17	123.87
07 72 38 13-0470	EA	48" x 24" Triangle Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	2,966.20	123.87
07 72 38 13-0471	EA	48" x 24" Triangle Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	3,080.95	123.87
07 72 38 13-0472	EA	48" x 24" Triangle Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	3,195.71	123.87
07 72 38 13-0473	EA	48" x 24" Triangle Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	2,306.81	123.87
07 72 38 13-0474	EA	48" x 24" Triangle Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	2,421.56	123.87
07 72 38 13-0475	EA	48" x 24" Triangle Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	2,551.73	123.87
07 72 38 13-0476	EA	48" x 24" Triangle Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	2,649.35	123.87
07 72 38 13-0477	EA	48" x 24" Triangle Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	2,765.82	123.87
07 72 38 13-0478	EA	48" x 24" Triangle Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	2,878.86	123.87
07 72 38 13-0479	EA	48" x 24" Triangle Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	2,993.61	123.87
07 72 38 13-0480	EA	48" x 24" Triangle Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	3,108.36	123.87
07 72 38 13-0481	EA	48" x 24" Triangle Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	3,223.11	123.87
07 72 38 13-0482	EA	48" x 24" Triangle Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	3,336.15	123.87

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 38 13-0483	EA	48" x 24" Triangle Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	3,450.90	123.87
07 72 38 13-0484	EA	48" x 24" Triangle Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	3,565.65	123.87
07 72 38 13-0485	EA	48" x 32" Triangle Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	2,342.62	113.87
07 72 38 13-0486	EA	48" x 32" Triangle Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	2,472.53	123.87
07 72 38 13-0487	EA	48" x 32" Triangle Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	2,602.70	123.87
07 72 38 13-0488	EA	48" x 32" Triangle Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	2,700.32	123.87
07 72 38 13-0489	EA	48" x 32" Triangle Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	2,816.79	123.87
07 72 38 13-0490	EA	48" x 32" Triangle Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	2,929.83	123.87
07 72 38 13-0491	EA	48" x 32" Triangle Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	3,044.58	123.87
07 72 38 13-0492	EA	48" x 32" Triangle Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	3,159.33	123.87
07 72 38 13-0493	EA	48" x 32" Triangle Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	3,274.08	123.87
07 72 38 13-0494	EA	48" x 32" Triangle Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	3,387.12	123.87
07 72 38 13-0495	EA	48" x 32" Triangle Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	3,501.87	123.87
07 72 38 13-0496	EA	48" x 32" Triangle Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	3,616.62	123.87
07 72 38 13-0497	EA	48" x 32" Triangle Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	2,727.73	123.87
07 72 38 13-0498	EA	48" x 32" Triangle Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	2,842.48	123.87
07 72 38 13-0499	EA	48" x 32" Triangle Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	2,972.64	123.87
07 72 38 13-0500	EA	48" x 32" Triangle Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	3,070.27	123.87
07 72 38 13-0501	EA	48" x 32" Triangle Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	3,186.73	123.87
07 72 38 13-0502	EA	48" x 32" Triangle Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	3,299.77	123.87
07 72 38 13-0503	EA	48" x 32" Triangle Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	3,414.52	123.87
07 72 38 13-0504	EA	48" x 32" Triangle Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	3,529.27	123.87
07 72 38 13-0505	EA	48" x 32" Triangle Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	3,644.02	123.87
07 72 38 13-0506	EA	48" x 32" Triangle Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	3,757.06	123.87
07 72 38 13-0507	EA	48" x 32" Triangle Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	3,871.81	123.87
07 72 38 13-0508	EA	48" x 32" Triangle Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	3,986.56	123.87

07 72 38 13-0509 Arched Triangle Copper Roof Dormer Vent *(07 72 38 13-0001)*

07 72 38 13-0510	EA	18" x 9" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	854.19	66.45
07 72 38 13-0511	EA	18" x 9" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	968.94	66.45
07 72 38 13-0512	EA	18" x 9" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,099.10	66.45
07 72 38 13-0513	EA	18" x 9" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,196.73	66.45
07 72 38 13-0514	EA	18" x 9" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,313.19	66.45
07 72 38 13-0515	EA	18" x 9" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,426.23	66.45
07 72 38 13-0516	EA	18" x 9" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	1,540.98	66.45
07 72 38 13-0517	EA	18" x 9" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	1,655.73	66.45
07 72 38 13-0518	EA	18" x 9" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	1,770.48	66.45
07 72 38 13-0519	EA	18" x 9" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	1,883.52	66.45
07 72 38 13-0520	EA	18" x 9" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	1,998.27	66.45
07 72 38 13-0521	EA	18" x 9" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,113.02	66.45
07 72 38 13-0522	EA	18" x 9" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,224.13	66.45
07 72 38 13-0523	EA	18" x 9" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,338.88	66.45
07 72 38 13-0524	EA	18" x 9" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,469.05	66.45
07 72 38 13-0525	EA	18" x 9" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	1,566.67	66.45
07 72 38 13-0526	EA	18" x 9" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	1,683.13	66.45
07 72 38 13-0527	EA	18" x 9" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	1,796.17	66.45
07 72 38 13-0528	EA	18" x 9" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	1,910.92	66.45
07 72 38 13-0529	EA	18" x 9" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,025.67	66.45
07 72 38 13-0530	EA	18" x 9" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,140.42	66.45
07 72 38 13-0531	EA	18" x 9" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,253.46	66.45
07 72 38 13-0532	EA	18" x 9" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,368.21	66.45
07 72 38 13-0533	EA	18" x 9" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,482.96	66.45
07 72 38 13-0534	EA	18" x 12" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	923.96	66.45
07 72 38 13-0535	EA	18" x 12" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,038.71	66.45
07 72 38 13-0536	EA	18" x 12" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,168.88	66.45
07 72 38 13-0537	EA	18" x 12" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,266.50	66.45
07 72 38 13-0538	EA	18" x 12" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,382.96	66.45
07 72 38 13-0539	EA	18" x 12" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,496.00	66.45
07 72 38 13-0540	EA	18" x 12" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	1,610.75	66.45
07 72 38 13-0541	EA	18" x 12" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	1,725.50	66.45
07 72 38 13-0542	EA	18" x 12" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	1,840.26	66.45
07 72 38 13-0543	EA	18" x 12" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	1,953.29	66.45
07 72 38 13-0544	EA	18" x 12" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,068.04	66.45
07 72 38 13-0545	EA	18" x 12" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,182.80	66.45
07 72 38 13-0546	EA	18" x 12" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,293.90	66.45
07 72 38 13-0547	EA	18" x 12" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,408.66	66.45
07 72 38 13-0548	EA	18" x 12" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,538.82	66.45
07 72 38 13-0549	EA	18" x 12" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	1,636.44	66.45
07 72 38 13-0550	EA	18" x 12" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	1,752.91	66.45
07 72 38 13-0551	EA	18" x 12" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	1,865.95	66.45
07 72 38 13-0552	EA	18" x 12" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	1,980.70	66.45
07 72 38 13-0553	EA	18" x 12" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,095.45	66.45
07 72 38 13-0554	EA	18" x 12" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,210.20	66.45
07 72 38 13-0555	EA	18" x 12" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,323.24	66.45
07 72 38 13-0556	EA	18" x 12" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,437.99	66.45
07 72 38 13-0557	EA	18" x 12" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,552.74	66.45
07 72 38 13-0558	EA	24" x 12" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,036.81	80.44
07 72 38 13-0559	EA	24" x 12" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,151.56	80.44
07 72 38 13-0560	EA	24" x 12" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,281.72	80.44
07 72 38 13-0561	EA	24" x 12" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,379.35	80.44

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 38 13-0562	EA	24" x 12" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,495.81	80.44
07 72 38 13-0563	EA	24" x 12" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,608.85	80.44
07 72 38 13-0564	EA	24" x 12" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	1,723.60	80.44
07 72 38 13-0565	EA	24" x 12" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	1,838.35	80.44
07 72 38 13-0566	EA	24" x 12" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	1,953.10	80.44
07 72 38 13-0567	EA	24" x 12" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	2,066.14	80.44
07 72 38 13-0568	EA	24" x 12" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,180.89	80.44
07 72 38 13-0569	EA	24" x 12" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,295.64	80.44
07 72 38 13-0570	EA	24" x 12" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,406.75	80.44
07 72 38 13-0571	EA	24" x 12" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,521.50	80.44
07 72 38 13-0572	EA	24" x 12" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,651.66	80.44
07 72 38 13-0573	EA	24" x 12" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	1,749.29	80.44
07 72 38 13-0574	EA	24" x 12" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	1,865.75	80.44
07 72 38 13-0575	EA	24" x 12" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	1,978.79	80.44
07 72 38 13-0576	EA	24" x 12" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	2,093.54	80.44
07 72 38 13-0577	EA	24" x 12" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,208.29	80.44
07 72 38 13-0578	EA	24" x 12" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,323.04	80.44
07 72 38 13-0579	EA	24" x 12" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,436.08	80.44
07 72 38 13-0580	EA	24" x 12" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,550.83	80.44
07 72 38 13-0581	EA	24" x 12" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,665.58	80.44
07 72 38 13-0582	EA	24" x 16" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,160.86	80.44
07 72 38 13-0583	EA	24" x 16" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,275.61	80.44
07 72 38 13-0584	EA	24" x 16" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,405.77	80.44
07 72 38 13-0585	EA	24" x 16" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,503.40	80.44
07 72 38 13-0586	EA	24" x 16" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,619.86	80.44
07 72 38 13-0587	EA	24" x 16" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,732.90	80.44
07 72 38 13-0588	EA	24" x 16" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	1,847.65	80.44
07 72 38 13-0589	EA	24" x 16" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	1,962.40	80.44
07 72 38 13-0590	EA	24" x 16" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	2,077.15	80.44
07 72 38 13-0591	EA	24" x 16" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	2,190.19	80.44
07 72 38 13-0592	EA	24" x 16" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,304.94	80.44
07 72 38 13-0593	EA	24" x 16" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,419.69	80.44
07 72 38 13-0594	EA	24" x 16" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,530.80	80.44
07 72 38 13-0595	EA	24" x 16" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,645.55	80.44
07 72 38 13-0596	EA	24" x 16" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,775.72	80.44
07 72 38 13-0597	EA	24" x 16" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	1,873.34	80.44
07 72 38 13-0598	EA	24" x 16" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	1,989.80	80.44
07 72 38 13-0599	EA	24" x 16" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	2,102.84	80.44
07 72 38 13-0600	EA	24" x 16" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	2,217.59	80.44
07 72 38 13-0601	EA	24" x 16" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,332.34	80.44
07 72 38 13-0602	EA	24" x 16" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,447.09	80.44
07 72 38 13-0603	EA	24" x 16" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,560.13	80.44
07 72 38 13-0604	EA	24" x 16" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,674.88	80.44
07 72 38 13-0605	EA	24" x 16" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,789.63	80.44
07 72 38 13-0606	EA	30" x 15" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,261.32	89.76
07 72 38 13-0607	EA	30" x 15" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,376.07	89.76
07 72 38 13-0608	EA	30" x 15" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,506.23	89.76
07 72 38 13-0609	EA	30" x 15" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,603.86	89.76
07 72 38 13-0610	EA	30" x 15" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,720.32	89.76
07 72 38 13-0611	EA	30" x 15" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,833.36	89.76
07 72 38 13-0612	EA	30" x 15" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	1,948.11	89.76
07 72 38 13-0613	EA	30" x 15" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	2,062.86	89.76
07 72 38 13-0614	EA	30" x 15" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	2,177.61	89.76
07 72 38 13-0615	EA	30" x 15" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	2,290.65	89.76
07 72 38 13-0616	EA	30" x 15" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,405.40	89.76
07 72 38 13-0617	EA	30" x 15" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,520.15	89.76
07 72 38 13-0618	EA	30" x 15" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,631.26	89.76
07 72 38 13-0619	EA	30" x 15" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,746.01	89.76
07 72 38 13-0620	EA	30" x 15" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,876.18	89.76
07 72 38 13-0621	EA	30" x 15" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	1,973.80	89.76
07 72 38 13-0622	EA	30" x 15" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	2,090.27	89.76
07 72 38 13-0623	EA	30" x 15" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	2,203.30	89.76
07 72 38 13-0624	EA	30" x 15" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	2,318.05	89.76
07 72 38 13-0625	EA	30" x 15" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,432.81	89.76
07 72 38 13-0626	EA	30" x 15" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,547.56	89.76
07 72 38 13-0627	EA	30" x 15" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,660.59	89.76
07 72 38 13-0628	EA	30" x 15" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,775.35	89.76
07 72 38 13-0629	EA	30" x 15" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,890.10	89.76
07 72 38 13-0630	EA	30" x 20" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,455.14	89.76
07 72 38 13-0631	EA	30" x 20" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,569.90	89.76
07 72 38 13-0632	EA	30" x 20" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,700.06	89.76
07 72 38 13-0633	EA	30" x 20" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,797.68	89.76
07 72 38 13-0634	EA	30" x 20" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,914.15	89.76
07 72 38 13-0635	EA	30" x 20" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	2,027.19	89.76
07 72 38 13-0636	EA	30" x 20" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	2,141.94	89.76
07 72 38 13-0637	EA	30" x 20" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	2,256.69	89.76
07 72 38 13-0638	EA	30" x 20" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	2,371.44	89.76
07 72 38 13-0639	EA	30" x 20" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	2,484.48	89.76
07 72 38 13-0640	EA	30" x 20" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,599.23	89.76
07 72 38 13-0641	EA	30" x 20" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,713.98	89.76
07 72 38 13-0642	EA	30" x 20" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,825.09	89.76

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 38 13-0643	EA	30" x 20" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,939.84	89.76
07 72 38 13-0644	EA	30" x 20" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	2,070.00	89.76
07 72 38 13-0645	EA	30" x 20" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	2,167.63	89.76
07 72 38 13-0646	EA	30" x 20" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	2,284.09	89.76
07 72 38 13-0647	EA	30" x 20" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	2,397.13	89.76
07 72 38 13-0648	EA	30" x 20" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	2,511.88	89.76
07 72 38 13-0649	EA	30" x 20" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,626.63	89.76
07 72 38 13-0650	EA	30" x 20" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,741.38	89.76
07 72 38 13-0651	EA	30" x 20" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,854.42	89.76
07 72 38 13-0652	EA	30" x 20" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,969.17	89.76
07 72 38 13-0653	EA	30" x 20" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	3,083.92	89.76
07 72 38 13-0654	EA	36" x 18" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,535.80	102.59
07 72 38 13-0655	EA	36" x 18" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,650.55	102.59
07 72 38 13-0656	EA	36" x 18" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,780.72	102.59
07 72 38 13-0657	EA	36" x 18" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,878.34	102.59
07 72 38 13-0658	EA	36" x 18" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,994.81	102.59
07 72 38 13-0659	EA	36" x 18" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	2,107.84	102.59
07 72 38 13-0660	EA	36" x 18" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	2,222.59	102.59
07 72 38 13-0661	EA	36" x 18" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	2,337.35	102.59
07 72 38 13-0662	EA	36" x 18" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	2,452.10	102.59
07 72 38 13-0663	EA	36" x 18" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	2,565.13	102.59
07 72 38 13-0664	EA	36" x 18" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,679.89	102.59
07 72 38 13-0665	EA	36" x 18" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,794.64	102.59
07 72 38 13-0666	EA	36" x 18" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,905.74	102.59
07 72 38 13-0667	EA	36" x 18" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	2,020.50	102.59
07 72 38 13-0668	EA	36" x 18" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	2,150.66	102.59
07 72 38 13-0669	EA	36" x 18" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	2,248.28	102.59
07 72 38 13-0670	EA	36" x 18" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	2,364.75	102.59
07 72 38 13-0671	EA	36" x 18" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	2,477.79	102.59
07 72 38 13-0672	EA	36" x 18" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	2,592.54	102.59
07 72 38 13-0673	EA	36" x 18" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,707.29	102.59
07 72 38 13-0674	EA	36" x 18" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,822.04	102.59
07 72 38 13-0675	EA	36" x 18" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,935.08	102.59
07 72 38 13-0676	EA	36" x 18" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	3,049.83	102.59
07 72 38 13-0677	EA	36" x 18" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	3,164.58	102.59
07 72 38 13-0678	EA	36" x 24" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,814.92	102.59
07 72 38 13-0679	EA	36" x 24" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,929.67	102.59
07 72 38 13-0680	EA	36" x 24" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	2,059.84	102.59
07 72 38 13-0681	EA	36" x 24" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	2,157.46	102.59
07 72 38 13-0682	EA	36" x 24" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	2,273.92	102.59
07 72 38 13-0683	EA	36" x 24" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	2,386.96	102.59
07 72 38 13-0684	EA	36" x 24" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	2,501.71	102.59
07 72 38 13-0685	EA	36" x 24" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	2,616.46	102.59
07 72 38 13-0686	EA	36" x 24" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	2,731.21	102.59
07 72 38 13-0687	EA	36" x 24" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	2,844.25	102.59
07 72 38 13-0688	EA	36" x 24" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,959.00	102.59
07 72 38 13-0689	EA	36" x 24" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	3,073.75	102.59
07 72 38 13-0690	EA	36" x 24" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	2,184.86	102.59
07 72 38 13-0691	EA	36" x 24" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	2,299.61	102.59
07 72 38 13-0692	EA	36" x 24" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	2,429.78	102.59
07 72 38 13-0693	EA	36" x 24" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	2,527.40	102.59
07 72 38 13-0694	EA	36" x 24" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	2,643.87	102.59
07 72 38 13-0695	EA	36" x 24" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	2,756.91	102.59
07 72 38 13-0696	EA	36" x 24" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	2,871.66	102.59
07 72 38 13-0697	EA	36" x 24" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,986.41	102.59
07 72 38 13-0698	EA	36" x 24" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	3,101.16	102.59
07 72 38 13-0699	EA	36" x 24" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	3,214.20	102.59
07 72 38 13-0700	EA	36" x 24" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	3,328.95	102.59
07 72 38 13-0701	EA	36" x 24" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	3,443.70	102.59
07 72 38 13-0702	EA	42" x 21" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,855.67	114.25
07 72 38 13-0703	EA	42" x 21" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,970.42	114.25
07 72 38 13-0704	EA	42" x 21" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	2,100.58	114.25
07 72 38 13-0705	EA	42" x 21" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	2,198.21	114.25
07 72 38 13-0706	EA	42" x 21" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	2,314.67	114.25
07 72 38 13-0707	EA	42" x 21" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	2,427.71	114.25
07 72 38 13-0708	EA	42" x 21" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	2,542.46	114.25
07 72 38 13-0709	EA	42" x 21" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	2,657.21	114.25
07 72 38 13-0710	EA	42" x 21" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	2,771.96	114.25
07 72 38 13-0711	EA	42" x 21" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	2,885.00	114.25
07 72 38 13-0712	EA	42" x 21" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,999.75	114.25
07 72 38 13-0713	EA	42" x 21" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	3,114.50	114.25
07 72 38 13-0714	EA	42" x 21" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	2,225.61	114.25
07 72 38 13-0715	EA	42" x 21" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	2,340.36	114.25
07 72 38 13-0716	EA	42" x 21" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	2,470.53	114.25
07 72 38 13-0717	EA	42" x 21" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	2,568.15	114.25
07 72 38 13-0718	EA	42" x 21" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	2,684.62	114.25
07 72 38 13-0719	EA	42" x 21" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	2,797.65	114.25
07 72 38 13-0720	EA	42" x 21" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	2,912.40	114.25
07 72 38 13-0721	EA	42" x 21" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	3,027.16	114.25
07 72 38 13-0722	EA	42" x 21" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	3,141.91	114.25
07 72 38 13-0723	EA	42" x 21" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	3,254.94	114.25

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 38 13-0724	EA	42" x 21" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	3,369.70	114.25
07 72 38 13-0725	EA	42" x 21" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	3,484.45	114.25
07 72 38 13-0726	EA	42" x 28" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	2,235.58	113.87
07 72 38 13-0727	EA	42" x 28" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	2,350.33	113.87
07 72 38 13-0728	EA	42" x 28" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	2,480.50	113.87
07 72 38 13-0729	EA	42" x 28" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	2,578.12	113.87
07 72 38 13-0730	EA	42" x 28" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	2,694.58	113.87
07 72 38 13-0731	EA	42" x 28" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	2,807.62	113.87
07 72 38 13-0732	EA	42" x 28" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	2,922.37	113.87
07 72 38 13-0733	EA	42" x 28" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	3,037.12	113.87
07 72 38 13-0734	EA	42" x 28" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	3,151.87	113.87
07 72 38 13-0735	EA	42" x 28" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	3,264.91	113.87
07 72 38 13-0736	EA	42" x 28" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	3,379.66	113.87
07 72 38 13-0737	EA	42" x 28" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	3,494.41	113.87
07 72 38 13-0738	EA	42" x 28" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	2,605.52	113.87
07 72 38 13-0739	EA	42" x 28" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	2,720.27	113.87
07 72 38 13-0740	EA	42" x 28" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	2,850.44	113.87
07 72 38 13-0741	EA	42" x 28" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	2,948.06	113.87
07 72 38 13-0742	EA	42" x 28" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	3,064.53	113.87
07 72 38 13-0743	EA	42" x 28" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	3,177.56	113.87
07 72 38 13-0744	EA	42" x 28" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	3,292.32	113.87
07 72 38 13-0745	EA	42" x 28" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	3,407.07	113.87
07 72 38 13-0746	EA	42" x 28" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	3,521.82	113.87
07 72 38 13-0747	EA	42" x 28" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	3,634.86	113.87
07 72 38 13-0748	EA	42" x 28" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	3,749.61	113.87
07 72 38 13-0749	EA	42" x 28" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	3,864.36	113.87
07 72 38 13-0750	EA	48" x 24" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	2,204.56	113.87
07 72 38 13-0751	EA	48" x 24" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	2,334.47	123.87
07 72 38 13-0752	EA	48" x 24" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	2,464.64	123.87
07 72 38 13-0753	EA	48" x 24" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	2,562.26	123.87
07 72 38 13-0754	EA	48" x 24" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	2,678.73	123.87
07 72 38 13-0755	EA	48" x 24" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	2,791.76	123.87
07 72 38 13-0756	EA	48" x 24" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	2,906.52	123.87
07 72 38 13-0757	EA	48" x 24" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	3,021.27	123.87
07 72 38 13-0758	EA	48" x 24" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	3,136.02	123.87
07 72 38 13-0759	EA	48" x 24" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	3,249.06	123.87
07 72 38 13-0760	EA	48" x 24" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	3,363.81	123.87
07 72 38 13-0761	EA	48" x 24" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	3,478.56	123.87
07 72 38 13-0762	EA	48" x 24" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	2,589.67	123.87
07 72 38 13-0763	EA	48" x 24" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	2,704.42	123.87
07 72 38 13-0764	EA	48" x 24" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	2,834.58	123.87
07 72 38 13-0765	EA	48" x 24" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	2,932.21	123.87
07 72 38 13-0766	EA	48" x 24" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	3,048.67	123.87
07 72 38 13-0767	EA	48" x 24" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	3,161.71	123.87
07 72 38 13-0768	EA	48" x 24" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	3,276.46	123.87
07 72 38 13-0769	EA	48" x 24" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	3,391.21	123.87
07 72 38 13-0770	EA	48" x 24" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	3,505.96	123.87
07 72 38 13-0771	EA	48" x 24" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	3,619.00	123.87
07 72 38 13-0772	EA	48" x 24" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	3,733.75	123.87
07 72 38 13-0773	EA	48" x 24" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	3,848.50	123.87
07 72 38 13-0774	EA	48" x 32" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	2,700.77	113.87
07 72 38 13-0775	EA	48" x 32" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	2,830.68	123.87
07 72 38 13-0776	EA	48" x 32" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	2,960.84	123.87
07 72 38 13-0777	EA	48" x 32" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	3,058.47	123.87
07 72 38 13-0778	EA	48" x 32" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	3,174.93	123.87
07 72 38 13-0779	EA	48" x 32" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	3,287.97	123.87
07 72 38 13-0780	EA	48" x 32" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	3,402.72	123.87
07 72 38 13-0781	EA	48" x 32" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	3,517.47	123.87
07 72 38 13-0782	EA	48" x 32" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	3,632.22	123.87
07 72 38 13-0783	EA	48" x 32" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	3,745.26	123.87
07 72 38 13-0784	EA	48" x 32" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	3,860.01	123.87
07 72 38 13-0785	EA	48" x 32" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	3,974.76	123.87
07 72 38 13-0786	EA	48" x 32" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	3,085.87	123.87
07 72 38 13-0787	EA	48" x 32" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	3,200.62	123.87
07 72 38 13-0788	EA	48" x 32" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	3,330.79	123.87
07 72 38 13-0789	EA	48" x 32" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	3,428.41	123.87
07 72 38 13-0790	EA	48" x 32" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	3,544.87	123.87
07 72 38 13-0791	EA	48" x 32" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	3,657.91	123.87
07 72 38 13-0792	EA	48" x 32" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	3,772.66	123.87
07 72 38 13-0793	EA	48" x 32" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	3,887.41	123.87
07 72 38 13-0794	EA	48" x 32" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	4,002.16	123.87
07 72 38 13-0795	EA	48" x 32" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	4,115.20	123.87
07 72 38 13-0796	EA	48" x 32" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	4,229.95	123.87
07 72 38 13-0797	EA	48" x 32" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	4,344.70	123.87

07 72 38 13-0798 Eyebrow Copper Roof Dormer Vent *(07 72 38 13-0001)*

07 72 38 13-0799	EA	36" x 15" Eyebrow Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	711.07	102.59
07 72 38 13-0800	EA	36" x 15" Eyebrow Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	825.82	102.59
07 72 38 13-0801	EA	36" x 15" Eyebrow Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	955.98	102.59
07 72 38 13-0802	EA	36" x 15" Eyebrow Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,053.61	102.59

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 38 13-0803	EA	36" x 15" Eyebrow Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,170.07	102.59
07 72 38 13-0804	EA	36" x 15" Eyebrow Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,283.11	102.59
07 72 38 13-0805	EA	36" x 15" Eyebrow Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	1,397.86	102.59
07 72 38 13-0806	EA	36" x 15" Eyebrow Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	1,512.61	102.59
07 72 38 13-0807	EA	36" x 15" Eyebrow Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	1,627.36	102.59
07 72 38 13-0808	EA	36" x 15" Eyebrow Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	1,740.40	102.59
07 72 38 13-0809	EA	36" x 15" Eyebrow Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	1,855.15	102.59
07 72 38 13-0810	EA	36" x 15" Eyebrow Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	1,969.90	102.59
07 72 38 13-0811	EA	36" x 15" Eyebrow Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,081.01	102.59
07 72 38 13-0812	EA	36" x 15" Eyebrow Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,195.76	102.59
07 72 38 13-0813	EA	36" x 15" Eyebrow Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,325.93	102.59
07 72 38 13-0814	EA	36" x 15" Eyebrow Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	1,423.55	102.59
07 72 38 13-0815	EA	36" x 15" Eyebrow Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	1,540.01	102.59
07 72 38 13-0816	EA	36" x 15" Eyebrow Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	1,653.05	102.59
07 72 38 13-0817	EA	36" x 15" Eyebrow Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	1,767.80	102.59
07 72 38 13-0818	EA	36" x 15" Eyebrow Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	1,882.55	102.59
07 72 38 13-0819	EA	36" x 15" Eyebrow Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	1,997.31	102.59
07 72 38 13-0820	EA	36" x 15" Eyebrow Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,110.34	102.59
07 72 38 13-0821	EA	36" x 15" Eyebrow Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,225.09	102.59
07 72 38 13-0822	EA	36" x 15" Eyebrow Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,339.85	102.59
07 72 38 13-0823	EA	42" x 18" Eyebrow Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,215.08	114.25
07 72 38 13-0824	EA	42" x 18" Eyebrow Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,329.84	114.25
07 72 38 13-0825	EA	42" x 18" Eyebrow Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,460.00	114.25
07 72 38 13-0826	EA	42" x 18" Eyebrow Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,557.62	114.25
07 72 38 13-0827	EA	42" x 18" Eyebrow Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,674.09	114.25
07 72 38 13-0828	EA	42" x 18" Eyebrow Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,787.13	114.25
07 72 38 13-0829	EA	42" x 18" Eyebrow Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	1,901.88	114.25
07 72 38 13-0830	EA	42" x 18" Eyebrow Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	2,016.63	114.25
07 72 38 13-0831	EA	42" x 18" Eyebrow Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	2,131.38	114.25
07 72 38 13-0832	EA	42" x 18" Eyebrow Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	2,244.42	114.25
07 72 38 13-0833	EA	42" x 18" Eyebrow Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,359.17	114.25
07 72 38 13-0834	EA	42" x 18" Eyebrow Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,473.92	114.25
07 72 38 13-0835	EA	42" x 18" Eyebrow Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,585.03	114.25
07 72 38 13-0836	EA	42" x 18" Eyebrow Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,699.78	114.25
07 72 38 13-0837	EA	42" x 18" Eyebrow Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,829.94	114.25
07 72 38 13-0838	EA	42" x 18" Eyebrow Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	1,927.57	114.25
07 72 38 13-0839	EA	42" x 18" Eyebrow Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	2,044.03	114.25
07 72 38 13-0840	EA	42" x 18" Eyebrow Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	2,157.07	114.25
07 72 38 13-0841	EA	42" x 18" Eyebrow Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	2,271.82	114.25
07 72 38 13-0842	EA	42" x 18" Eyebrow Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,386.57	114.25
07 72 38 13-0843	EA	42" x 18" Eyebrow Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,501.32	114.25
07 72 38 13-0844	EA	42" x 18" Eyebrow Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,614.36	114.25
07 72 38 13-0845	EA	42" x 18" Eyebrow Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,729.11	114.25
07 72 38 13-0846	EA	42" x 18" Eyebrow Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,843.86	114.25
07 72 38 13-0847	EA	48" x 21" Eyebrow Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,632.09	114.25
07 72 38 13-0848	EA	48" x 21" Eyebrow Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,762.00	123.57
07 72 38 13-0849	EA	48" x 21" Eyebrow Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,892.17	123.57
07 72 38 13-0850	EA	48" x 21" Eyebrow Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,989.79	123.57
07 72 38 13-0851	EA	48" x 21" Eyebrow Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	2,106.26	123.57
07 72 38 13-0852	EA	48" x 21" Eyebrow Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	2,219.29	123.57
07 72 38 13-0853	EA	48" x 21" Eyebrow Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	2,334.05	123.57
07 72 38 13-0854	EA	48" x 21" Eyebrow Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	2,448.80	123.57
07 72 38 13-0855	EA	48" x 21" Eyebrow Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	2,563.55	123.57
07 72 38 13-0856	EA	48" x 21" Eyebrow Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	2,676.59	123.57
07 72 38 13-0857	EA	48" x 21" Eyebrow Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,791.34	123.57
07 72 38 13-0858	EA	48" x 21" Eyebrow Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,906.09	123.57
07 72 38 13-0859	EA	48" x 21" Eyebrow Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	2,017.20	123.57
07 72 38 13-0860	EA	48" x 21" Eyebrow Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	2,131.95	123.57
07 72 38 13-0861	EA	48" x 21" Eyebrow Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	2,262.11	123.57
07 72 38 13-0862	EA	48" x 21" Eyebrow Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	2,359.74	123.57
07 72 38 13-0863	EA	48" x 21" Eyebrow Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	2,476.20	123.57
07 72 38 13-0864	EA	48" x 21" Eyebrow Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	2,589.24	123.57
07 72 38 13-0865	EA	48" x 21" Eyebrow Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	2,703.99	123.57
07 72 38 13-0866	EA	48" x 21" Eyebrow Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,818.74	123.57
07 72 38 13-0867	EA	48" x 21" Eyebrow Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,933.49	123.57
07 72 38 13-0868	EA	48" x 21" Eyebrow Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	3,046.53	123.57
07 72 38 13-0869	EA	48" x 21" Eyebrow Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	3,161.28	123.57
07 72 38 13-0870	EA	48" x 21" Eyebrow Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	3,276.03	123.57
07 72 38 13-0871		**Rectangle Copper Roof Dormer Vent** *(07 72 38 13-0001)*		
07 72 38 13-0872	EA	12" x 18" Rectangle Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	837.28	66.93
07 72 38 13-0873	EA	12" x 18" Rectangle Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	907.35	66.93
07 72 38 13-0874	EA	12" x 18" Rectangle Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	977.41	66.93
07 72 38 13-0875	EA	12" x 18" Rectangle Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,047.48	66.93
07 72 38 13-0876	EA	12" x 18" Rectangle Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,117.55	66.93
07 72 38 13-0877	EA	12" x 18" Rectangle Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,187.61	66.93
07 72 38 13-0878	EA	12" x 18" Rectangle Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	1,257.68	66.93
07 72 38 13-0879	EA	12" x 18" Rectangle Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	1,327.75	66.93
07 72 38 13-0880	EA	12" x 18" Rectangle Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	1,397.81	66.93
07 72 38 13-0881	EA	12" x 18" Rectangle Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	1,467.88	66.93

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 38 13-0882	EA	12" x 18" Rectangle Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	1,537.95	66.93
07 72 38 13-0883	EA	12" x 18" Rectangle Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	1,608.01	66.93
07 72 38 13-0884	EA	12" x 18" Rectangle Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,207.22	66.93
07 72 38 13-0885	EA	12" x 18" Rectangle Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,277.29	66.93
07 72 38 13-0886	EA	12" x 18" Rectangle Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,347.36	66.93
07 72 38 13-0887	EA	12" x 18" Rectangle Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	1,417.42	66.93
07 72 38 13-0888	EA	12" x 18" Rectangle Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	1,487.49	66.93
07 72 38 13-0889	EA	12" x 18" Rectangle Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	1,557.56	66.93
07 72 38 13-0890	EA	12" x 18" Rectangle Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	1,627.62	66.93
07 72 38 13-0891	EA	12" x 18" Rectangle Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	1,697.69	66.93
07 72 38 13-0892	EA	12" x 18" Rectangle Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	1,767.76	66.93
07 72 38 13-0893	EA	12" x 18" Rectangle Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	1,837.82	66.93
07 72 38 13-0894	EA	12" x 18" Rectangle Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	1,907.89	66.93
07 72 38 13-0895	EA	12" x 18" Rectangle Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	1,977.96	66.93
07 72 38 13-0896	EA	15" x 21" Rectangle Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,001.22	80.01
07 72 38 13-0897	EA	15" x 21" Rectangle Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,071.28	80.01
07 72 38 13-0898	EA	15" x 21" Rectangle Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,141.35	80.01
07 72 38 13-0899	EA	15" x 21" Rectangle Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,211.41	80.01
07 72 38 13-0900	EA	15" x 21" Rectangle Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,281.48	80.01
07 72 38 13-0901	EA	15" x 21" Rectangle Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,351.55	80.01
07 72 38 13-0902	EA	15" x 21" Rectangle Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	1,421.61	80.01
07 72 38 13-0903	EA	15" x 21" Rectangle Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	1,491.68	80.01
07 72 38 13-0904	EA	15" x 21" Rectangle Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	1,561.75	80.01
07 72 38 13-0905	EA	15" x 21" Rectangle Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	1,631.81	80.01
07 72 38 13-0906	EA	15" x 21" Rectangle Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	1,701.88	80.01
07 72 38 13-0907	EA	15" x 21" Rectangle Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	1,771.95	80.01
07 72 38 13-0908	EA	15" x 21" Rectangle Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,371.16	80.01
07 72 38 13-0909	EA	15" x 21" Rectangle Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,441.23	80.01
07 72 38 13-0910	EA	15" x 21" Rectangle Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,511.29	80.01
07 72 38 13-0911	EA	15" x 21" Rectangle Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	1,581.36	80.01
07 72 38 13-0912	EA	15" x 21" Rectangle Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	1,651.42	80.01
07 72 38 13-0913	EA	15" x 21" Rectangle Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	1,721.49	80.01
07 72 38 13-0914	EA	15" x 21" Rectangle Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	1,791.56	80.01
07 72 38 13-0915	EA	15" x 21" Rectangle Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	1,861.62	80.01
07 72 38 13-0916	EA	15" x 21" Rectangle Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	1,931.69	80.01
07 72 38 13-0917	EA	15" x 21" Rectangle Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,001.76	80.01
07 72 38 13-0918	EA	15" x 21" Rectangle Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,071.82	80.01
07 72 38 13-0919	EA	15" x 21" Rectangle Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,141.89	80.01
07 72 38 13-0920	EA	18" x 27" Rectangle Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,265.33	90.02
07 72 38 13-0921	EA	18" x 27" Rectangle Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,335.39	90.02
07 72 38 13-0922	EA	18" x 27" Rectangle Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,405.46	90.02
07 72 38 13-0923	EA	18" x 27" Rectangle Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,475.53	90.02
07 72 38 13-0924	EA	18" x 27" Rectangle Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,545.59	90.02
07 72 38 13-0925	EA	18" x 27" Rectangle Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,615.66	90.02
07 72 38 13-0926	EA	18" x 27" Rectangle Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	1,685.73	90.02
07 72 38 13-0927	EA	18" x 27" Rectangle Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	1,755.79	90.02
07 72 38 13-0928	EA	18" x 27" Rectangle Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	1,825.86	90.02
07 72 38 13-0929	EA	18" x 27" Rectangle Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	1,895.93	90.02
07 72 38 13-0930	EA	18" x 27" Rectangle Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	1,965.99	90.02
07 72 38 13-0931	EA	18" x 27" Rectangle Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,036.06	90.02
07 72 38 13-0932	EA	18" x 27" Rectangle Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,635.27	90.02
07 72 38 13-0933	EA	18" x 27" Rectangle Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,705.34	90.02
07 72 38 13-0934	EA	18" x 27" Rectangle Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,775.40	90.02
07 72 38 13-0935	EA	18" x 27" Rectangle Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	1,845.47	90.02
07 72 38 13-0936	EA	18" x 27" Rectangle Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	1,915.54	90.02
07 72 38 13-0937	EA	18" x 27" Rectangle Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	1,985.60	90.02
07 72 38 13-0938	EA	18" x 27" Rectangle Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	2,055.67	90.02
07 72 38 13-0939	EA	18" x 27" Rectangle Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,125.74	90.02
07 72 38 13-0940	EA	18" x 27" Rectangle Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,195.80	90.02
07 72 38 13-0941	EA	18" x 27" Rectangle Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,265.87	90.02
07 72 38 13-0942	EA	18" x 27" Rectangle Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,335.94	90.02
07 72 38 13-0943	EA	18" x 27" Rectangle Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,406.00	90.02
07 72 38 13-0944	EA	24" x 36" Rectangle Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,834.26	102.33
07 72 38 13-0945	EA	24" x 36" Rectangle Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,904.32	102.33
07 72 38 13-0946	EA	24" x 36" Rectangle Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,974.39	102.33
07 72 38 13-0947	EA	24" x 36" Rectangle Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	2,044.46	102.33
07 72 38 13-0948	EA	24" x 36" Rectangle Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	2,114.52	102.33
07 72 38 13-0949	EA	24" x 36" Rectangle Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	2,184.59	102.33
07 72 38 13-0950	EA	24" x 36" Rectangle Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	2,254.66	102.33
07 72 38 13-0951	EA	24" x 36" Rectangle Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	2,324.72	102.33
07 72 38 13-0952	EA	24" x 36" Rectangle Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	2,394.79	102.33
07 72 38 13-0953	EA	24" x 36" Rectangle Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	2,464.86	102.33
07 72 38 13-0954	EA	24" x 36" Rectangle Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,534.92	102.33
07 72 38 13-0955	EA	24" x 36" Rectangle Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,604.99	102.33
07 72 38 13-0956	EA	24" x 36" Rectangle Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	2,204.20	102.33
07 72 38 13-0957	EA	24" x 36" Rectangle Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	2,274.27	102.33
07 72 38 13-0958	EA	24" x 36" Rectangle Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	2,344.33	102.33
07 72 38 13-0959	EA	24" x 36" Rectangle Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	2,414.40	102.33
07 72 38 13-0960	EA	24" x 36" Rectangle Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	2,484.47	102.33
07 72 38 13-0961	EA	24" x 36" Rectangle Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	2,554.53	102.33
07 72 38 13-0962	EA	24" x 36" Rectangle Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	2,624.60	102.33

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 38 13-0963	EA	24" x 36" Rectangle Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,694.67	102.33
07 72 38 13-0964	EA	24" x 36" Rectangle Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,764.73	102.33
07 72 38 13-0965	EA	24" x 36" Rectangle Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,834.80	102.33
07 72 38 13-0966	EA	24" x 36" Rectangle Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,904.87	102.33
07 72 38 13-0967	EA	24" x 36" Rectangle Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,974.93	102.33
07 72 38 13-0968	EA	30" x 42" Rectangle Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	2,428.24	113.87
07 72 38 13-0969	EA	30" x 42" Rectangle Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	2,498.31	113.87
07 72 38 13-0970	EA	30" x 42" Rectangle Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	2,568.37	113.87
07 72 38 13-0971	EA	30" x 42" Rectangle Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	2,638.44	113.87
07 72 38 13-0972	EA	30" x 42" Rectangle Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	2,708.51	113.87
07 72 38 13-0973	EA	30" x 42" Rectangle Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	2,778.57	113.87
07 72 38 13-0974	EA	30" x 42" Rectangle Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	2,848.64	113.87
07 72 38 13-0975	EA	30" x 42" Rectangle Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	2,918.71	113.87
07 72 38 13-0976	EA	30" x 42" Rectangle Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	2,988.77	113.87
07 72 38 13-0977	EA	30" x 42" Rectangle Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	3,058.84	113.87
07 72 38 13-0978	EA	30" x 42" Rectangle Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	3,128.91	113.87
07 72 38 13-0979	EA	30" x 42" Rectangle Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	3,198.97	113.87
07 72 38 13-0980	EA	30" x 42" Rectangle Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	2,798.18	113.87
07 72 38 13-0981	EA	30" x 42" Rectangle Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	2,868.25	113.87
07 72 38 13-0982	EA	30" x 42" Rectangle Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	2,938.32	113.87
07 72 38 13-0983	EA	30" x 42" Rectangle Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	3,008.38	113.87
07 72 38 13-0984	EA	30" x 42" Rectangle Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	3,078.45	113.87
07 72 38 13-0985	EA	30" x 42" Rectangle Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	3,148.52	113.87
07 72 38 13-0986	EA	30" x 42" Rectangle Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	3,218.58	113.87
07 72 38 13-0987	EA	30" x 42" Rectangle Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	3,288.65	113.87
07 72 38 13-0988	EA	30" x 42" Rectangle Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	3,358.72	113.87
07 72 38 13-0989	EA	30" x 42" Rectangle Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	3,428.78	113.87
07 72 38 13-0990	EA	30" x 42" Rectangle Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	3,498.85	113.87
07 72 38 13-0991	EA	30" x 42" Rectangle Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	3,568.92	113.87
07 72 38 13-0992	EA	36" x 48" Rectangle Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	3,109.55	113.87
07 72 38 13-0993	EA	36" x 48" Rectangle Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	3,194.78	123.87
07 72 38 13-0994	EA	36" x 48" Rectangle Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	3,264.85	123.87
07 72 38 13-0995	EA	36" x 48" Rectangle Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	3,334.91	123.87
07 72 38 13-0996	EA	36" x 48" Rectangle Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	3,404.98	123.87
07 72 38 13-0997	EA	36" x 48" Rectangle Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	3,475.05	123.87
07 72 38 13-0998	EA	36" x 48" Rectangle Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	3,545.11	123.87
07 72 38 13-0999	EA	36" x 48" Rectangle Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	3,615.18	123.87
07 72 38 13-1000	EA	36" x 48" Rectangle Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	3,685.25	123.87
07 72 38 13-1001	EA	36" x 48" Rectangle Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	3,755.31	123.87
07 72 38 13-1002	EA	36" x 48" Rectangle Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	3,825.38	123.87
07 72 38 13-1003	EA	36" x 48" Rectangle Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	3,895.45	123.87
07 72 38 13-1004	EA	36" x 48" Rectangle Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	3,494.66	123.87
07 72 38 13-1005	EA	36" x 48" Rectangle Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	3,564.72	123.87
07 72 38 13-1006	EA	36" x 48" Rectangle Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	3,634.79	123.87
07 72 38 13-1007	EA	36" x 48" Rectangle Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	3,704.86	123.87
07 72 38 13-1008	EA	36" x 48" Rectangle Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	3,774.92	123.87
07 72 38 13-1009	EA	36" x 48" Rectangle Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	3,844.99	123.87
07 72 38 13-1010	EA	36" x 48" Rectangle Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	3,915.06	123.87
07 72 38 13-1011	EA	36" x 48" Rectangle Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	3,985.12	123.87
07 72 38 13-1012	EA	36" x 48" Rectangle Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	4,055.19	123.87
07 72 38 13-1013	EA	36" x 48" Rectangle Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	4,125.26	123.87
07 72 38 13-1014	EA	36" x 48" Rectangle Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	4,195.32	123.87
07 72 38 13-1015	EA	36" x 48" Rectangle Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	4,265.39	123.87

07 72 38 13-1016 Tombstone Copper Roof Dormer Vent *(07 72 38 13-0001)*

07 72 38 13-1017	EA	12" x 18" Tombstone Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	880.46	66.93
07 72 38 13-1018	EA	12" x 18" Tombstone Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	995.21	66.93
07 72 38 13-1019	EA	12" x 18" Tombstone Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,125.37	66.93
07 72 38 13-1020	EA	12" x 18" Tombstone Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,223.00	66.93
07 72 38 13-1021	EA	12" x 18" Tombstone Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,339.46	66.93
07 72 38 13-1022	EA	12" x 18" Tombstone Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,452.50	66.93
07 72 38 13-1023	EA	12" x 18" Tombstone Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	1,567.25	66.93
07 72 38 13-1024	EA	12" x 18" Tombstone Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	1,682.00	66.93
07 72 38 13-1025	EA	12" x 18" Tombstone Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	1,796.75	66.93
07 72 38 13-1026	EA	12" x 18" Tombstone Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	1,909.79	66.93
07 72 38 13-1027	EA	12" x 18" Tombstone Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,024.54	66.93
07 72 38 13-1028	EA	12" x 18" Tombstone Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,139.29	66.93
07 72 38 13-1029	EA	12" x 18" Tombstone Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,250.40	66.93
07 72 38 13-1030	EA	12" x 18" Tombstone Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,365.15	66.93
07 72 38 13-1031	EA	12" x 18" Tombstone Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,495.32	66.93
07 72 38 13-1032	EA	12" x 18" Tombstone Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	1,592.94	66.93
07 72 38 13-1033	EA	12" x 18" Tombstone Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	1,709.41	66.93
07 72 38 13-1034	EA	12" x 18" Tombstone Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	1,822.44	66.93
07 72 38 13-1035	EA	12" x 18" Tombstone Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	1,937.19	66.93
07 72 38 13-1036	EA	12" x 18" Tombstone Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,051.95	66.93
07 72 38 13-1037	EA	12" x 18" Tombstone Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,166.70	66.93
07 72 38 13-1038	EA	12" x 18" Tombstone Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,279.73	66.93
07 72 38 13-1039	EA	12" x 18" Tombstone Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,394.49	66.93
07 72 38 13-1040	EA	12" x 18" Tombstone Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,509.24	66.93
07 72 38 13-1041	EA	15" x 21" Tombstone Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,019.66	80.01

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 38 13-1042	EA	15" x 21" Tombstone Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,134.41	80.01
07 72 38 13-1043	EA	15" x 21" Tombstone Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,264.58	80.01
07 72 38 13-1044	EA	15" x 21" Tombstone Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,362.20	80.01
07 72 38 13-1045	EA	15" x 21" Tombstone Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,478.66	80.01
07 72 38 13-1046	EA	15" x 21" Tombstone Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,591.70	80.01
07 72 38 13-1047	EA	15" x 21" Tombstone Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	1,706.45	80.01
07 72 38 13-1048	EA	15" x 21" Tombstone Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	1,821.20	80.01
07 72 38 13-1049	EA	15" x 21" Tombstone Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	1,935.96	80.01
07 72 38 13-1050	EA	15" x 21" Tombstone Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	2,048.99	80.01
07 72 38 13-1051	EA	15" x 21" Tombstone Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,163.74	80.01
07 72 38 13-1052	EA	15" x 21" Tombstone Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,278.50	80.01
07 72 38 13-1053	EA	15" x 21" Tombstone Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,389.60	80.01
07 72 38 13-1054	EA	15" x 21" Tombstone Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,504.36	80.01
07 72 38 13-1055	EA	15" x 21" Tombstone Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,634.52	80.01
07 72 38 13-1056	EA	15" x 21" Tombstone Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	1,732.14	80.01
07 72 38 13-1057	EA	15" x 21" Tombstone Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	1,848.61	80.01
07 72 38 13-1058	EA	15" x 21" Tombstone Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	1,961.65	80.01
07 72 38 13-1059	EA	15" x 21" Tombstone Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	2,076.40	80.01
07 72 38 13-1060	EA	15" x 21" Tombstone Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,191.15	80.01
07 72 38 13-1061	EA	15" x 21" Tombstone Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,305.90	80.01
07 72 38 13-1062	EA	15" x 21" Tombstone Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,418.94	80.01
07 72 38 13-1063	EA	15" x 21" Tombstone Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,533.69	80.01
07 72 38 13-1064	EA	15" x 21" Tombstone Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,648.44	80.01
07 72 38 13-1065	EA	18" x 27" Tombstone Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,241.04	90.02
07 72 38 13-1066	EA	18" x 27" Tombstone Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,355.79	90.02
07 72 38 13-1067	EA	18" x 27" Tombstone Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,485.96	90.02
07 72 38 13-1068	EA	18" x 27" Tombstone Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,583.58	90.02
07 72 38 13-1069	EA	18" x 27" Tombstone Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,700.04	90.02
07 72 38 13-1070	EA	18" x 27" Tombstone Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,813.08	90.02
07 72 38 13-1071	EA	18" x 27" Tombstone Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	1,927.83	90.02
07 72 38 13-1072	EA	18" x 27" Tombstone Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	2,042.58	90.02
07 72 38 13-1073	EA	18" x 27" Tombstone Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	2,157.33	90.02
07 72 38 13-1074	EA	18" x 27" Tombstone Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	2,270.37	90.02
07 72 38 13-1075	EA	18" x 27" Tombstone Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,385.12	90.02
07 72 38 13-1076	EA	18" x 27" Tombstone Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,499.87	90.02
07 72 38 13-1077	EA	18" x 27" Tombstone Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,610.98	90.02
07 72 38 13-1078	EA	18" x 27" Tombstone Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,725.73	90.02
07 72 38 13-1079	EA	18" x 27" Tombstone Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,855.90	90.02
07 72 38 13-1080	EA	18" x 27" Tombstone Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	1,953.52	90.02
07 72 38 13-1081	EA	18" x 27" Tombstone Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	2,069.99	90.02
07 72 38 13-1082	EA	18" x 27" Tombstone Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	2,183.03	90.02
07 72 38 13-1083	EA	18" x 27" Tombstone Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	2,297.78	90.02
07 72 38 13-1084	EA	18" x 27" Tombstone Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,412.53	90.02
07 72 38 13-1085	EA	18" x 27" Tombstone Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,527.28	90.02
07 72 38 13-1086	EA	18" x 27" Tombstone Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,640.32	90.02
07 72 38 13-1087	EA	18" x 27" Tombstone Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,755.07	90.02
07 72 38 13-1088	EA	18" x 27" Tombstone Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,869.82	90.02
07 72 38 13-1089	EA	24" x 36" Tombstone Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,715.50	102.33
07 72 38 13-1090	EA	24" x 36" Tombstone Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,830.25	102.33
07 72 38 13-1091	EA	24" x 36" Tombstone Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,960.41	102.33
07 72 38 13-1092	EA	24" x 36" Tombstone Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	2,058.04	102.33
07 72 38 13-1093	EA	24" x 36" Tombstone Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	2,174.50	102.33
07 72 38 13-1094	EA	24" x 36" Tombstone Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	2,287.54	102.33
07 72 38 13-1095	EA	24" x 36" Tombstone Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	2,402.29	102.33
07 72 38 13-1096	EA	24" x 36" Tombstone Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	2,517.04	102.33
07 72 38 13-1097	EA	24" x 36" Tombstone Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	2,631.79	102.33
07 72 38 13-1098	EA	24" x 36" Tombstone Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	2,744.83	102.33
07 72 38 13-1099	EA	24" x 36" Tombstone Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,859.58	102.33
07 72 38 13-1100	EA	24" x 36" Tombstone Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,974.33	102.33
07 72 38 13-1101	EA	24" x 36" Tombstone Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	2,085.44	102.33
07 72 38 13-1102	EA	24" x 36" Tombstone Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	2,200.19	102.33
07 72 38 13-1103	EA	24" x 36" Tombstone Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	2,330.36	102.33
07 72 38 13-1104	EA	24" x 36" Tombstone Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	2,427.98	102.33
07 72 38 13-1105	EA	24" x 36" Tombstone Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	2,544.44	102.33
07 72 38 13-1106	EA	24" x 36" Tombstone Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	2,657.48	102.33
07 72 38 13-1107	EA	24" x 36" Tombstone Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	2,772.23	102.33
07 72 38 13-1108	EA	24" x 36" Tombstone Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,886.98	102.33
07 72 38 13-1109	EA	24" x 36" Tombstone Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	3,001.74	102.33
07 72 38 13-1110	EA	24" x 36" Tombstone Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	3,114.77	102.33
07 72 38 13-1111	EA	24" x 36" Tombstone Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	3,229.52	102.33
07 72 38 13-1112	EA	24" x 36" Tombstone Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	3,344.28	102.33
07 72 38 13-1113	EA	30" x 42" Tombstone Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	2,210.52	113.87
07 72 38 13-1114	EA	30" x 42" Tombstone Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	2,325.27	113.87
07 72 38 13-1115	EA	30" x 42" Tombstone Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	2,455.44	113.87
07 72 38 13-1116	EA	30" x 42" Tombstone Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	2,553.06	113.87
07 72 38 13-1117	EA	30" x 42" Tombstone Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	2,669.53	113.87
07 72 38 13-1118	EA	30" x 42" Tombstone Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	2,782.56	113.87
07 72 38 13-1119	EA	30" x 42" Tombstone Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	2,897.32	113.87
07 72 38 13-1120	EA	30" x 42" Tombstone Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	3,012.07	113.87
07 72 38 13-1121	EA	30" x 42" Tombstone Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	3,126.82	113.87
07 72 38 13-1122	EA	30" x 42" Tombstone Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	3,239.86	113.87

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 38 13-1123	EA	30" x 42" Tombstone Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	3,354.61	113.87
07 72 38 13-1124	EA	30" x 42" Tombstone Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	3,469.36	113.87
07 72 38 13-1125	EA	30" x 42" Tombstone Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	2,580.47	113.87
07 72 38 13-1126	EA	30" x 42" Tombstone Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	2,695.22	113.87
07 72 38 13-1127	EA	30" x 42" Tombstone Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	2,825.38	113.87
07 72 38 13-1128	EA	30" x 42" Tombstone Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	2,923.01	113.87
07 72 38 13-1129	EA	30" x 42" Tombstone Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	3,039.47	113.87
07 72 38 13-1130	EA	30" x 42" Tombstone Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	3,152.51	113.87
07 72 38 13-1131	EA	30" x 42" Tombstone Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	3,267.26	113.87
07 72 38 13-1132	EA	30" x 42" Tombstone Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	3,382.01	113.87
07 72 38 13-1133	EA	30" x 42" Tombstone Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	3,496.76	113.87
07 72 38 13-1134	EA	30" x 42" Tombstone Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	3,609.80	113.87
07 72 38 13-1135	EA	30" x 42" Tombstone Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	3,724.55	113.87
07 72 38 13-1136	EA	30" x 42" Tombstone Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	3,839.30	113.87
07 72 38 13-1137	EA	36" x 48" Tombstone Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	2,774.89	113.87
07 72 38 13-1138	EA	36" x 48" Tombstone Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	2,904.80	123.87
07 72 38 13-1139	EA	36" x 48" Tombstone Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	3,034.97	123.87
07 72 38 13-1140	EA	36" x 48" Tombstone Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	3,132.59	123.87
07 72 38 13-1141	EA	36" x 48" Tombstone Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	3,249.06	123.87
07 72 38 13-1142	EA	36" x 48" Tombstone Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	3,362.09	123.87
07 72 38 13-1143	EA	36" x 48" Tombstone Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	3,476.84	123.87
07 72 38 13-1144	EA	36" x 48" Tombstone Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	3,591.60	123.87
07 72 38 13-1145	EA	36" x 48" Tombstone Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	3,706.35	123.87
07 72 38 13-1146	EA	36" x 48" Tombstone Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	3,819.38	123.87
07 72 38 13-1147	EA	36" x 48" Tombstone Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	3,934.14	123.87
07 72 38 13-1148	EA	36" x 48" Tombstone Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	4,048.89	123.87
07 72 38 13-1149	EA	36" x 48" Tombstone Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	3,160.00	123.87
07 72 38 13-1150	EA	36" x 48" Tombstone Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	3,274.75	123.87
07 72 38 13-1151	EA	36" x 48" Tombstone Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	3,404.91	123.87
07 72 38 13-1152	EA	36" x 48" Tombstone Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	3,502.54	123.87
07 72 38 13-1153	EA	36" x 48" Tombstone Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	3,619.00	123.87
07 72 38 13-1154	EA	36" x 48" Tombstone Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	3,732.04	123.87
07 72 38 13-1155	EA	36" x 48" Tombstone Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	3,846.79	123.87
07 72 38 13-1156	EA	36" x 48" Tombstone Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	3,961.54	123.87
07 72 38 13-1157	EA	36" x 48" Tombstone Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	4,076.29	123.87
07 72 38 13-1158	EA	36" x 48" Tombstone Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	4,189.33	123.87
07 72 38 13-1159	EA	36" x 48" Tombstone Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	4,304.08	123.87
07 72 38 13-1160	EA	36" x 48" Tombstone Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	4,418.83	123.87

07 72 38 13-1161 Arched Top Copper Roof Dormer Vent *(07 72 38 13-0001)*

07 72 38 13-1162	EA	12" x 15" Arched Top Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	875.68	66.93
07 72 38 13-1163	EA	12" x 15" Arched Top Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	980.77	66.93
07 72 38 13-1164	EA	12" x 15" Arched Top Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,085.86	66.93
07 72 38 13-1165	EA	12" x 15" Arched Top Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,190.95	66.93
07 72 38 13-1166	EA	12" x 15" Arched Top Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,296.05	66.93
07 72 38 13-1167	EA	12" x 15" Arched Top Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,401.14	66.93
07 72 38 13-1168	EA	12" x 15" Arched Top Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	1,506.23	66.93
07 72 38 13-1169	EA	12" x 15" Arched Top Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	1,611.32	66.93
07 72 38 13-1170	EA	12" x 15" Arched Top Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	1,716.41	66.93
07 72 38 13-1171	EA	12" x 15" Arched Top Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	1,821.50	66.93
07 72 38 13-1172	EA	12" x 15" Arched Top Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	1,926.59	66.93
07 72 38 13-1173	EA	12" x 15" Arched Top Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,031.68	66.93
07 72 38 13-1174	EA	12" x 15" Arched Top Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,245.62	66.93
07 72 38 13-1175	EA	12" x 15" Arched Top Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,350.71	66.93
07 72 38 13-1176	EA	12" x 15" Arched Top Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,455.81	66.93
07 72 38 13-1177	EA	12" x 15" Arched Top Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	1,560.90	66.93
07 72 38 13-1178	EA	12" x 15" Arched Top Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	1,665.99	66.93
07 72 38 13-1179	EA	12" x 15" Arched Top Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	1,771.08	66.93
07 72 38 13-1180	EA	12" x 15" Arched Top Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	1,876.17	66.93
07 72 38 13-1181	EA	12" x 15" Arched Top Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	1,981.26	66.93
07 72 38 13-1182	EA	12" x 15" Arched Top Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,086.35	66.93
07 72 38 13-1183	EA	12" x 15" Arched Top Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,191.44	66.93
07 72 38 13-1184	EA	12" x 15" Arched Top Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,296.54	66.93
07 72 38 13-1185	EA	12" x 15" Arched Top Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,401.63	66.93
07 72 38 13-1186	EA	15" x 18.75" Arched Top Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,030.79	80.01
07 72 38 13-1187	EA	15" x 18.75" Arched Top Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,135.88	80.01
07 72 38 13-1188	EA	15" x 18.75" Arched Top Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,240.98	80.01
07 72 38 13-1189	EA	15" x 18.75" Arched Top Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,346.07	80.01
07 72 38 13-1190	EA	15" x 18.75" Arched Top Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,451.16	80.01
07 72 38 13-1191	EA	15" x 18.75" Arched Top Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,556.25	80.01
07 72 38 13-1192	EA	15" x 18.75" Arched Top Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	1,661.34	80.01
07 72 38 13-1193	EA	15" x 18.75" Arched Top Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	1,766.43	80.01
07 72 38 13-1194	EA	15" x 18.75" Arched Top Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	1,871.52	80.01
07 72 38 13-1195	EA	15" x 18.75" Arched Top Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	1,976.61	80.01
07 72 38 13-1196	EA	15" x 18.75" Arched Top Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,081.71	80.01
07 72 38 13-1197	EA	15" x 18.75" Arched Top Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,186.80	80.01
07 72 38 13-1198	EA	15" x 18.75" Arched Top Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,400.74	80.01
07 72 38 13-1199	EA	15" x 18.75" Arched Top Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,505.83	80.01
07 72 38 13-1200	EA	15" x 18.75" Arched Top Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,610.92	80.01
07 72 38 13-1201	EA	15" x 18.75" Arched Top Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	1,716.01	80.01

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 38 13-1202	EA	15" x 18.75" Arched Top Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	1,821.10	80.01
07 72 38 13-1203	EA	15" x 18.75" Arched Top Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	1,926.19	80.01
07 72 38 13-1204	EA	15" x 18.75" Arched Top Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	2,031.28	80.01
07 72 38 13-1205	EA	15" x 18.75" Arched Top Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,136.38	80.01
07 72 38 13-1206	EA	15" x 18.75" Arched Top Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,241.47	80.01
07 72 38 13-1207	EA	15" x 18.75" Arched Top Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,346.56	80.01
07 72 38 13-1208	EA	15" x 18.75" Arched Top Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,451.65	80.01
07 72 38 13-1209	EA	15" x 18.75" Arched Top Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,556.74	80.01
07 72 38 13-1210	EA	18" x 22.5" Arched Top Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,212.16	90.02
07 72 38 13-1211	EA	18" x 22.5" Arched Top Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,317.26	90.02
07 72 38 13-1212	EA	18" x 22.5" Arched Top Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,422.35	90.02
07 72 38 13-1213	EA	18" x 22.5" Arched Top Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,527.44	90.02
07 72 38 13-1214	EA	18" x 22.5" Arched Top Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,632.53	90.02
07 72 38 13-1215	EA	18" x 22.5" Arched Top Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,737.62	90.02
07 72 38 13-1216	EA	18" x 22.5" Arched Top Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	1,842.71	90.02
07 72 38 13-1217	EA	18" x 22.5" Arched Top Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	1,947.80	90.02
07 72 38 13-1218	EA	18" x 22.5" Arched Top Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	2,052.89	90.02
07 72 38 13-1219	EA	18" x 22.5" Arched Top Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	2,157.99	90.02
07 72 38 13-1220	EA	18" x 22.5" Arched Top Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,263.08	90.02
07 72 38 13-1221	EA	18" x 22.5" Arched Top Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,368.17	90.02
07 72 38 13-1222	EA	18" x 22.5" Arched Top Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,582.11	90.02
07 72 38 13-1223	EA	18" x 22.5" Arched Top Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,687.20	90.02
07 72 38 13-1224	EA	18" x 22.5" Arched Top Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,792.29	90.02
07 72 38 13-1225	EA	18" x 22.5" Arched Top Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	1,897.38	90.02
07 72 38 13-1226	EA	18" x 22.5" Arched Top Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	2,002.47	90.02
07 72 38 13-1227	EA	18" x 22.5" Arched Top Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	2,107.56	90.02
07 72 38 13-1228	EA	18" x 22.5" Arched Top Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	2,212.65	90.02
07 72 38 13-1229	EA	18" x 22.5" Arched Top Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,317.75	90.02
07 72 38 13-1230	EA	18" x 22.5" Arched Top Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,422.84	90.02
07 72 38 13-1231	EA	18" x 22.5" Arched Top Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,527.93	90.02
07 72 38 13-1232	EA	18" x 22.5" Arched Top Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,633.02	90.02
07 72 38 13-1233	EA	18" x 22.5" Arched Top Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,738.11	90.02
07 72 38 13-1234	EA	24" x 30" Arched Top Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,625.14	102.33
07 72 38 13-1235	EA	24" x 30" Arched Top Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,730.23	102.33
07 72 38 13-1236	EA	24" x 30" Arched Top Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,835.32	102.33
07 72 38 13-1237	EA	24" x 30" Arched Top Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,940.41	102.33
07 72 38 13-1238	EA	24" x 30" Arched Top Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	2,045.50	102.33
07 72 38 13-1239	EA	24" x 30" Arched Top Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	2,150.59	102.33
07 72 38 13-1240	EA	24" x 30" Arched Top Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	2,255.68	102.33
07 72 38 13-1241	EA	24" x 30" Arched Top Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	2,360.77	102.33
07 72 38 13-1242	EA	24" x 30" Arched Top Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	2,465.87	102.33
07 72 38 13-1243	EA	24" x 30" Arched Top Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	2,570.96	102.33
07 72 38 13-1244	EA	24" x 30" Arched Top Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,676.05	102.33
07 72 38 13-1245	EA	24" x 30" Arched Top Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,781.14	102.33
07 72 38 13-1246	EA	24" x 30" Arched Top Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,995.08	102.33
07 72 38 13-1247	EA	24" x 30" Arched Top Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	2,100.17	102.33
07 72 38 13-1248	EA	24" x 30" Arched Top Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	2,205.26	102.33
07 72 38 13-1249	EA	24" x 30" Arched Top Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	2,310.35	102.33
07 72 38 13-1250	EA	24" x 30" Arched Top Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	2,415.44	102.33
07 72 38 13-1251	EA	24" x 30" Arched Top Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	2,520.54	102.33
07 72 38 13-1252	EA	24" x 30" Arched Top Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	2,625.63	102.33
07 72 38 13-1253	EA	24" x 30" Arched Top Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,730.72	102.33
07 72 38 13-1254	EA	24" x 30" Arched Top Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,835.81	102.33
07 72 38 13-1255	EA	24" x 30" Arched Top Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,940.90	102.33
07 72 38 13-1256	EA	24" x 30" Arched Top Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	3,045.99	102.33
07 72 38 13-1257	EA	24" x 30" Arched Top Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	3,151.08	102.33
07 72 38 13-1258	EA	30" x 37.5" Arched Top Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	2,183.72	113.87
07 72 38 13-1259	EA	30" x 37.5" Arched Top Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	2,288.81	113.87
07 72 38 13-1260	EA	30" x 37.5" Arched Top Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	2,393.90	113.87
07 72 38 13-1261	EA	30" x 37.5" Arched Top Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	2,498.99	113.87
07 72 38 13-1262	EA	30" x 37.5" Arched Top Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	2,604.08	113.87
07 72 38 13-1263	EA	30" x 37.5" Arched Top Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	2,709.18	113.87
07 72 38 13-1264	EA	30" x 37.5" Arched Top Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	2,814.27	113.87
07 72 38 13-1265	EA	30" x 37.5" Arched Top Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	2,919.36	113.87
07 72 38 13-1266	EA	30" x 37.5" Arched Top Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	3,024.45	113.87
07 72 38 13-1267	EA	30" x 37.5" Arched Top Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	3,129.54	113.87
07 72 38 13-1268	EA	30" x 37.5" Arched Top Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	3,234.63	113.87
07 72 38 13-1269	EA	30" x 37.5" Arched Top Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	3,339.72	113.87
07 72 38 13-1270	EA	30" x 37.5" Arched Top Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	2,553.66	113.87
07 72 38 13-1271	EA	30" x 37.5" Arched Top Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	2,658.75	113.87
07 72 38 13-1272	EA	30" x 37.5" Arched Top Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	2,763.85	113.87
07 72 38 13-1273	EA	30" x 37.5" Arched Top Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	2,868.94	113.87
07 72 38 13-1274	EA	30" x 37.5" Arched Top Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	2,974.03	113.87
07 72 38 13-1275	EA	30" x 37.5" Arched Top Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	3,079.12	113.87
07 72 38 13-1276	EA	30" x 37.5" Arched Top Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	3,184.21	113.87
07 72 38 13-1277	EA	30" x 37.5" Arched Top Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	3,289.30	113.87
07 72 38 13-1278	EA	30" x 37.5" Arched Top Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	3,394.39	113.87
07 72 38 13-1279	EA	30" x 37.5" Arched Top Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	3,499.48	113.87
07 72 38 13-1280	EA	30" x 37.5" Arched Top Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	3,604.58	113.87
07 72 38 13-1281	EA	30" x 37.5" Arched Top Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	3,709.67	113.87
07 72 38 13-1282	EA	36" x 45" Arched Top Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	2,802.19	113.87

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 38 13-1283	EA	36" x 45" Arched Top Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	2,922.44	123.87
07 72 38 13-1284	EA	36" x 45" Arched Top Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	3,027.53	123.87
07 72 38 13-1285	EA	36" x 45" Arched Top Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	3,132.63	123.87
07 72 38 13-1286	EA	36" x 45" Arched Top Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	3,237.72	123.87
07 72 38 13-1287	EA	36" x 45" Arched Top Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	3,342.81	123.87
07 72 38 13-1288	EA	36" x 45" Arched Top Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	3,447.90	123.87
07 72 38 13-1289	EA	36" x 45" Arched Top Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	3,552.99	123.87
07 72 38 13-1290	EA	36" x 45" Arched Top Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	3,658.08	123.87
07 72 38 13-1291	EA	36" x 45" Arched Top Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	3,763.17	123.87
07 72 38 13-1292	EA	36" x 45" Arched Top Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	3,868.27	123.87
07 72 38 13-1293	EA	36" x 45" Arched Top Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	3,973.36	123.87
07 72 38 13-1294	EA	36" x 45" Arched Top Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	3,187.30	123.87
07 72 38 13-1295	EA	36" x 45" Arched Top Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	3,292.39	123.87
07 72 38 13-1296	EA	36" x 45" Arched Top Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	3,397.48	123.87
07 72 38 13-1297	EA	36" x 45" Arched Top Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	3,502.57	123.87
07 72 38 13-1298	EA	36" x 45" Arched Top Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	3,607.66	123.87
07 72 38 13-1299	EA	36" x 45" Arched Top Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	3,712.75	123.87
07 72 38 13-1300	EA	36" x 45" Arched Top Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	3,817.84	123.87
07 72 38 13-1301	EA	36" x 45" Arched Top Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	3,922.93	123.87
07 72 38 13-1302	EA	36" x 45" Arched Top Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	4,028.03	123.87
07 72 38 13-1303	EA	36" x 45" Arched Top Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	4,133.12	123.87
07 72 38 13-1304	EA	36" x 45" Arched Top Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	4,238.21	123.87
07 72 38 13-1305	EA	36" x 45" Arched Top Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	4,343.30	123.87
07 72 38 13-1306		**Hipped Roof Copper Roof Dormer Vent** *(07 72 38 13-0001)*		
07 72 38 13-1307	EA	12" x 18" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	880.46	66.93
07 72 38 13-1308	EA	12" x 18" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	969.98	66.93
07 72 38 13-1309	EA	12" x 18" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,059.50	66.93
07 72 38 13-1310	EA	12" x 18" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,149.03	66.93
07 72 38 13-1311	EA	12" x 18" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,238.55	66.93
07 72 38 13-1312	EA	12" x 18" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,328.07	66.93
07 72 38 13-1313	EA	12" x 18" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	1,417.60	66.93
07 72 38 13-1314	EA	12" x 18" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	1,507.12	66.93
07 72 38 13-1315	EA	12" x 18" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	1,596.64	66.93
07 72 38 13-1316	EA	12" x 18" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	1,686.16	66.93
07 72 38 13-1317	EA	12" x 18" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	1,775.69	66.93
07 72 38 13-1318	EA	12" x 18" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	1,865.21	66.93
07 72 38 13-1319	EA	12" x 18" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,250.40	66.93
07 72 38 13-1320	EA	12" x 18" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,339.92	66.93
07 72 38 13-1321	EA	12" x 18" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,429.45	66.93
07 72 38 13-1322	EA	12" x 18" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	1,518.97	66.93
07 72 38 13-1323	EA	12" x 18" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	1,608.49	66.93
07 72 38 13-1324	EA	12" x 18" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	1,698.02	66.93
07 72 38 13-1325	EA	12" x 18" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	1,787.54	66.93
07 72 38 13-1326	EA	12" x 18" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	1,877.06	66.93
07 72 38 13-1327	EA	12" x 18" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	1,966.58	66.93
07 72 38 13-1328	EA	12" x 18" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,056.11	66.93
07 72 38 13-1329	EA	12" x 18" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,145.63	66.93
07 72 38 13-1330	EA	12" x 18" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,235.15	66.93
07 72 38 13-1331	EA	15" x 21" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	973.67	80.01
07 72 38 13-1332	EA	15" x 21" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,063.20	80.01
07 72 38 13-1333	EA	15" x 21" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,152.72	80.01
07 72 38 13-1334	EA	15" x 21" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,242.24	80.01
07 72 38 13-1335	EA	15" x 21" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,331.77	80.01
07 72 38 13-1336	EA	15" x 21" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,421.29	80.01
07 72 38 13-1337	EA	15" x 21" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	1,510.81	80.01
07 72 38 13-1338	EA	15" x 21" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	1,600.33	80.01
07 72 38 13-1339	EA	15" x 21" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	1,689.86	80.01
07 72 38 13-1340	EA	15" x 21" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	1,779.38	80.01
07 72 38 13-1341	EA	15" x 21" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	1,868.90	80.01
07 72 38 13-1342	EA	15" x 21" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	1,958.43	80.01
07 72 38 13-1343	EA	15" x 21" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,343.62	80.01
07 72 38 13-1344	EA	15" x 21" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,433.14	80.01
07 72 38 13-1345	EA	15" x 21" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,522.66	80.01
07 72 38 13-1346	EA	15" x 21" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	1,612.19	80.01
07 72 38 13-1347	EA	15" x 21" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	1,701.71	80.01
07 72 38 13-1348	EA	15" x 21" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	1,791.23	80.01
07 72 38 13-1349	EA	15" x 21" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	1,880.76	80.01
07 72 38 13-1350	EA	15" x 21" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	1,970.28	80.01
07 72 38 13-1351	EA	15" x 21" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,059.80	80.01
07 72 38 13-1352	EA	15" x 21" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,149.32	80.01
07 72 38 13-1353	EA	15" x 21" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,238.85	80.01
07 72 38 13-1354	EA	15" x 21" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,328.37	80.01
07 72 38 13-1355	EA	18" x 27" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,182.14	90.02
07 72 38 13-1356	EA	18" x 27" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,271.66	90.02
07 72 38 13-1357	EA	18" x 27" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,361.19	90.02
07 72 38 13-1358	EA	18" x 27" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,450.71	90.02
07 72 38 13-1359	EA	18" x 27" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,540.23	90.02
07 72 38 13-1360	EA	18" x 27" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,629.75	90.02
07 72 38 13-1361	EA	18" x 27" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	1,719.28	90.02

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 38 13-1362	EA	18" x 27" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	1,808.80	90.02
07 72 38 13-1363	EA	18" x 27" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	1,898.32	90.02
07 72 38 13-1364	EA	18" x 27" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	1,987.85	90.02
07 72 38 13-1365	EA	18" x 27" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,077.37	90.02
07 72 38 13-1366	EA	18" x 27" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,166.89	90.02
07 72 38 13-1367	EA	18" x 27" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,552.08	90.02
07 72 38 13-1368	EA	18" x 27" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,641.61	90.02
07 72 38 13-1369	EA	18" x 27" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,731.13	90.02
07 72 38 13-1370	EA	18" x 27" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	1,820.65	90.02
07 72 38 13-1371	EA	18" x 27" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	1,910.17	90.02
07 72 38 13-1372	EA	18" x 27" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	1,999.70	90.02
07 72 38 13-1373	EA	18" x 27" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	2,089.22	90.02
07 72 38 13-1374	EA	18" x 27" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,178.74	90.02
07 72 38 13-1375	EA	18" x 27" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,268.27	90.02
07 72 38 13-1376	EA	18" x 27" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,357.79	90.02
07 72 38 13-1377	EA	18" x 27" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,447.31	90.02
07 72 38 13-1378	EA	18" x 27" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,536.83	90.02
07 72 38 13-1379	EA	24" x 36" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,628.06	102.33
07 72 38 13-1380	EA	24" x 36" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,717.59	102.33
07 72 38 13-1381	EA	24" x 36" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,807.11	102.33
07 72 38 13-1382	EA	24" x 36" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,896.63	102.33
07 72 38 13-1383	EA	24" x 36" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,986.16	102.33
07 72 38 13-1384	EA	24" x 36" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	2,075.68	102.33
07 72 38 13-1385	EA	24" x 36" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	2,165.20	102.33
07 72 38 13-1386	EA	24" x 36" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	2,254.72	102.33
07 72 38 13-1387	EA	24" x 36" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	2,344.25	102.33
07 72 38 13-1388	EA	24" x 36" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	2,433.77	102.33
07 72 38 13-1389	EA	24" x 36" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,523.29	102.33
07 72 38 13-1390	EA	24" x 36" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,612.82	102.33
07 72 38 13-1391	EA	24" x 36" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,998.01	102.33
07 72 38 13-1392	EA	24" x 36" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	2,087.53	102.33
07 72 38 13-1393	EA	24" x 36" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	2,177.05	102.33
07 72 38 13-1394	EA	24" x 36" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	2,266.58	102.33
07 72 38 13-1395	EA	24" x 36" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	2,356.10	102.33
07 72 38 13-1396	EA	24" x 36" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	2,445.62	102.33
07 72 38 13-1397	EA	24" x 36" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	2,535.14	102.33
07 72 38 13-1398	EA	24" x 36" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,624.67	102.33
07 72 38 13-1399	EA	24" x 36" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,714.19	102.33
07 72 38 13-1400	EA	24" x 36" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,803.71	102.33
07 72 38 13-1401	EA	24" x 36" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,893.24	102.33
07 72 38 13-1402	EA	24" x 36" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,982.76	102.33
07 72 38 13-1403	EA	30" x 42" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	2,093.19	113.87
07 72 38 13-1404	EA	30" x 42" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	2,182.71	113.87
07 72 38 13-1405	EA	30" x 42" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	2,272.23	113.87
07 72 38 13-1406	EA	30" x 42" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	2,361.75	113.87
07 72 38 13-1407	EA	30" x 42" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	2,451.28	113.87
07 72 38 13-1408	EA	30" x 42" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	2,540.80	113.87
07 72 38 13-1409	EA	30" x 42" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	2,630.32	113.87
07 72 38 13-1410	EA	30" x 42" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	2,719.85	113.87
07 72 38 13-1411	EA	30" x 42" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	2,809.37	113.87
07 72 38 13-1412	EA	30" x 42" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	2,898.89	113.87
07 72 38 13-1413	EA	30" x 42" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,988.41	113.87
07 72 38 13-1414	EA	30" x 42" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	3,077.94	113.87
07 72 38 13-1415	EA	30" x 42" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	2,463.13	113.87
07 72 38 13-1416	EA	30" x 42" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	2,552.65	113.87
07 72 38 13-1417	EA	30" x 42" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	2,642.17	113.87
07 72 38 13-1418	EA	30" x 42" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	2,731.70	113.87
07 72 38 13-1419	EA	30" x 42" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	2,821.22	113.87
07 72 38 13-1420	EA	30" x 42" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	2,910.74	113.87
07 72 38 13-1421	EA	30" x 42" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	3,000.27	113.87
07 72 38 13-1422	EA	30" x 42" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	3,089.79	113.87
07 72 38 13-1423	EA	30" x 42" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	3,179.31	113.87
07 72 38 13-1424	EA	30" x 42" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	3,268.83	113.87
07 72 38 13-1425	EA	30" x 42" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	3,358.36	113.87
07 72 38 13-1426	EA	30" x 42" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	3,447.88	113.87
07 72 38 13-1427	EA	36" x 48" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	2,622.20	113.87
07 72 38 13-1428	EA	36" x 48" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	2,726.89	123.87
07 72 38 13-1429	EA	36" x 48" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	2,816.41	123.87
07 72 38 13-1430	EA	36" x 48" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	2,905.93	123.87
07 72 38 13-1431	EA	36" x 48" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	2,995.46	123.87
07 72 38 13-1432	EA	36" x 48" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	3,084.98	123.87
07 72 38 13-1433	EA	36" x 48" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	3,174.50	123.87
07 72 38 13-1434	EA	36" x 48" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	3,264.02	123.87
07 72 38 13-1435	EA	36" x 48" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	3,353.55	123.87
07 72 38 13-1436	EA	36" x 48" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	3,443.07	123.87
07 72 38 13-1437	EA	36" x 48" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	3,532.59	123.87
07 72 38 13-1438	EA	36" x 48" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	3,622.12	123.87
07 72 38 13-1439	EA	36" x 48" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	3,007.31	123.87
07 72 38 13-1440	EA	36" x 48" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	3,096.83	123.87
07 72 38 13-1441	EA	36" x 48" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	3,186.35	123.87
07 72 38 13-1442	EA	36" x 48" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	3,275.88	123.87

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 38 13-1443	EA	36" x 48" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	3,365.40	123.87
07 72 38 13-1444	EA	36" x 48" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	3,454.92	123.87
07 72 38 13-1445	EA	36" x 48" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	3,544.45	123.87
07 72 38 13-1446	EA	36" x 48" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	3,633.97	123.87
07 72 38 13-1447	EA	36" x 48" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	3,723.49	123.87
07 72 38 13-1448	EA	36" x 48" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	3,813.01	123.87
07 72 38 13-1449	EA	36" x 48" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	3,902.54	123.87
07 72 38 13-1450	EA	36" x 48" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	3,992.06	123.87
07 72 38 13-1451		**Gabled Roof Copper Roof Dormer Vent** *(07 72 38 13-0001)*		
07 72 38 13-1452	EA	12" x 18" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	817.19	66.93
07 72 38 13-1453	EA	12" x 18" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	906.71	66.93
07 72 38 13-1454	EA	12" x 18" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	996.24	66.93
07 72 38 13-1455	EA	12" x 18" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,085.76	66.93
07 72 38 13-1456	EA	12" x 18" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,175.28	66.93
07 72 38 13-1457	EA	12" x 18" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,264.81	66.93
07 72 38 13-1458	EA	12" x 18" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	1,354.33	66.93
07 72 38 13-1459	EA	12" x 18" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	1,443.85	66.93
07 72 38 13-1460	EA	12" x 18" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	1,533.37	66.93
07 72 38 13-1461	EA	12" x 18" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	1,622.90	66.93
07 72 38 13-1462	EA	12" x 18" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	1,712.42	66.93
07 72 38 13-1463	EA	12" x 18" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	1,801.94	66.93
07 72 38 13-1464	EA	12" x 18" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,187.13	66.93
07 72 38 13-1465	EA	12" x 18" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,276.66	66.93
07 72 38 13-1466	EA	12" x 18" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,366.18	66.93
07 72 38 13-1467	EA	12" x 18" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	1,455.70	66.93
07 72 38 13-1468	EA	12" x 18" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	1,545.23	66.93
07 72 38 13-1469	EA	12" x 18" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	1,634.75	66.93
07 72 38 13-1470	EA	12" x 18" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	1,724.27	66.93
07 72 38 13-1471	EA	12" x 18" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	1,813.79	66.93
07 72 38 13-1472	EA	12" x 18" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	1,903.32	66.93
07 72 38 13-1473	EA	12" x 18" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	1,992.84	66.93
07 72 38 13-1474	EA	12" x 18" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,082.36	66.93
07 72 38 13-1475	EA	12" x 18" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,171.89	66.93
07 72 38 13-1476	EA	15" x 21" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	943.82	80.01
07 72 38 13-1477	EA	15" x 21" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,033.35	80.01
07 72 38 13-1478	EA	15" x 21" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,122.87	80.01
07 72 38 13-1479	EA	15" x 21" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,212.39	80.01
07 72 38 13-1480	EA	15" x 21" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,301.91	80.01
07 72 38 13-1481	EA	15" x 21" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,391.44	80.01
07 72 38 13-1482	EA	15" x 21" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	1,480.96	80.01
07 72 38 13-1483	EA	15" x 21" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	1,570.48	80.01
07 72 38 13-1484	EA	15" x 21" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	1,660.01	80.01
07 72 38 13-1485	EA	15" x 21" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	1,749.53	80.01
07 72 38 13-1486	EA	15" x 21" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	1,839.05	80.01
07 72 38 13-1487	EA	15" x 21" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	1,928.57	80.01
07 72 38 13-1488	EA	15" x 21" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,313.77	80.01
07 72 38 13-1489	EA	15" x 21" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,403.29	80.01
07 72 38 13-1490	EA	15" x 21" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,492.81	80.01
07 72 38 13-1491	EA	15" x 21" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	1,582.33	80.01
07 72 38 13-1492	EA	15" x 21" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	1,671.86	80.01
07 72 38 13-1493	EA	15" x 21" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	1,761.38	80.01
07 72 38 13-1494	EA	15" x 21" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	1,850.90	80.01
07 72 38 13-1495	EA	15" x 21" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	1,940.43	80.01
07 72 38 13-1496	EA	15" x 21" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,029.95	80.01
07 72 38 13-1497	EA	15" x 21" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,119.47	80.01
07 72 38 13-1498	EA	15" x 21" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,208.99	80.01
07 72 38 13-1499	EA	15" x 21" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,298.52	80.01
07 72 38 13-1500	EA	18" x 27" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,143.50	90.02
07 72 38 13-1501	EA	18" x 27" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,233.02	90.02
07 72 38 13-1502	EA	18" x 27" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,322.55	90.02
07 72 38 13-1503	EA	18" x 27" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,412.07	90.02
07 72 38 13-1504	EA	18" x 27" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,501.59	90.02
07 72 38 13-1505	EA	18" x 27" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,591.12	90.02
07 72 38 13-1506	EA	18" x 27" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	1,680.64	90.02
07 72 38 13-1507	EA	18" x 27" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	1,770.16	90.02
07 72 38 13-1508	EA	18" x 27" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	1,859.68	90.02
07 72 38 13-1509	EA	18" x 27" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	1,949.21	90.02
07 72 38 13-1510	EA	18" x 27" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,038.73	90.02
07 72 38 13-1511	EA	18" x 27" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,128.25	90.02
07 72 38 13-1512	EA	18" x 27" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,513.45	90.02
07 72 38 13-1513	EA	18" x 27" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,602.97	90.02
07 72 38 13-1514	EA	18" x 27" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,692.49	90.02
07 72 38 13-1515	EA	18" x 27" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	1,782.01	90.02
07 72 38 13-1516	EA	18" x 27" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	1,871.54	90.02
07 72 38 13-1517	EA	18" x 27" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	1,961.06	90.02
07 72 38 13-1518	EA	18" x 27" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	2,050.58	90.02
07 72 38 13-1519	EA	18" x 27" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,140.10	90.02
07 72 38 13-1520	EA	18" x 27" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,229.63	90.02
07 72 38 13-1521	EA	18" x 27" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,319.15	90.02

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 38 13-1522	EA	18" x 27" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,408.67	90.02
07 72 38 13-1523	EA	18" x 27" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,498.20	90.02
07 72 38 13-1524	EA	24" x 36" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,570.00	102.33
07 72 38 13-1525	EA	24" x 36" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,659.53	102.33
07 72 38 13-1526	EA	24" x 36" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,749.05	102.33
07 72 38 13-1527	EA	24" x 36" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,838.57	102.33
07 72 38 13-1528	EA	24" x 36" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,928.10	102.33
07 72 38 13-1529	EA	24" x 36" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	2,017.62	102.33
07 72 38 13-1530	EA	24" x 36" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	2,107.14	102.33
07 72 38 13-1531	EA	24" x 36" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	2,196.66	102.33
07 72 38 13-1532	EA	24" x 36" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	2,286.19	102.33
07 72 38 13-1533	EA	24" x 36" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	2,375.71	102.33
07 72 38 13-1534	EA	24" x 36" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,465.23	102.33
07 72 38 13-1535	EA	24" x 36" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,554.76	102.33
07 72 38 13-1536	EA	24" x 36" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,939.95	102.33
07 72 38 13-1537	EA	24" x 36" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	2,029.47	102.33
07 72 38 13-1538	EA	24" x 36" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	2,118.99	102.33
07 72 38 13-1539	EA	24" x 36" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	2,208.52	102.33
07 72 38 13-1540	EA	24" x 36" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	2,298.04	102.33
07 72 38 13-1541	EA	24" x 36" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	2,387.56	102.33
07 72 38 13-1542	EA	24" x 36" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	2,477.08	102.33
07 72 38 13-1543	EA	24" x 36" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,566.61	102.33
07 72 38 13-1544	EA	24" x 36" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,656.13	102.33
07 72 38 13-1545	EA	24" x 36" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,745.65	102.33
07 72 38 13-1546	EA	24" x 36" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,835.18	102.33
07 72 38 13-1547	EA	24" x 36" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,924.70	102.33
07 72 38 13-1548	EA	30" x 42" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	2,014.78	113.87
07 72 38 13-1549	EA	30" x 42" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	2,104.30	113.87
07 72 38 13-1550	EA	30" x 42" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	2,193.82	113.87
07 72 38 13-1551	EA	30" x 42" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	2,283.35	113.87
07 72 38 13-1552	EA	30" x 42" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	2,372.87	113.87
07 72 38 13-1553	EA	30" x 42" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	2,462.39	113.87
07 72 38 13-1554	EA	30" x 42" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	2,551.92	113.87
07 72 38 13-1555	EA	30" x 42" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	2,641.44	113.87
07 72 38 13-1556	EA	30" x 42" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	2,730.96	113.87
07 72 38 13-1557	EA	30" x 42" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	2,820.48	113.87
07 72 38 13-1558	EA	30" x 42" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,910.01	113.87
07 72 38 13-1559	EA	30" x 42" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,999.53	113.87
07 72 38 13-1560	EA	30" x 42" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	2,384.72	113.87
07 72 38 13-1561	EA	30" x 42" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	2,474.24	113.87
07 72 38 13-1562	EA	30" x 42" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	2,563.77	113.87
07 72 38 13-1563	EA	30" x 42" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	2,653.29	113.87
07 72 38 13-1564	EA	30" x 42" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	2,742.81	113.87
07 72 38 13-1565	EA	30" x 42" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	2,832.34	113.87
07 72 38 13-1566	EA	30" x 42" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	2,921.86	113.87
07 72 38 13-1567	EA	30" x 42" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	3,011.38	113.87
07 72 38 13-1568	EA	30" x 42" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	3,100.90	113.87
07 72 38 13-1569	EA	30" x 42" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	3,190.43	113.87
07 72 38 13-1570	EA	30" x 42" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	3,279.95	113.87
07 72 38 13-1571	EA	30" x 42" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	3,369.47	113.87
07 72 38 13-1572	EA	36" x 48" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	2,519.75	113.87
07 72 38 13-1573	EA	36" x 48" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	2,624.43	123.87
07 72 38 13-1574	EA	36" x 48" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	2,713.96	123.87
07 72 38 13-1575	EA	36" x 48" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	2,803.48	123.87
07 72 38 13-1576	EA	36" x 48" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	2,893.00	123.87
07 72 38 13-1577	EA	36" x 48" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	2,982.53	123.87
07 72 38 13-1578	EA	36" x 48" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	3,072.05	123.87
07 72 38 13-1579	EA	36" x 48" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	3,161.57	123.87
07 72 38 13-1580	EA	36" x 48" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	3,251.09	123.87
07 72 38 13-1581	EA	36" x 48" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	3,340.62	123.87
07 72 38 13-1582	EA	36" x 48" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	3,430.14	123.87
07 72 38 13-1583	EA	36" x 48" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	3,519.66	123.87
07 72 38 13-1584	EA	36" x 48" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	2,904.85	123.87
07 72 38 13-1585	EA	36" x 48" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	2,994.38	123.87
07 72 38 13-1586	EA	36" x 48" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	3,083.90	123.87
07 72 38 13-1587	EA	36" x 48" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	3,173.42	123.87
07 72 38 13-1588	EA	36" x 48" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	3,262.95	123.87
07 72 38 13-1589	EA	36" x 48" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	3,352.47	123.87
07 72 38 13-1590	EA	36" x 48" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	3,441.99	123.87
07 72 38 13-1591	EA	36" x 48" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	3,531.51	123.87
07 72 38 13-1592	EA	36" x 48" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	3,621.04	123.87
07 72 38 13-1593	EA	36" x 48" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	3,710.56	123.87
07 72 38 13-1594	EA	36" x 48" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	3,800.08	123.87
07 72 38 13-1595	EA	36" x 48" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	3,889.61	123.87

07 72 38 13-1596 Pedimented Copper Roof Dormer Vent *(07 72 38 13-0001)*

07 72 38 13-1597	EA	12" x 18" Pedimented Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,050.46	66.93
07 72 38 13-1598	EA	12" x 18" Pedimented Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,139.98	66.93
07 72 38 13-1599	EA	12" x 18" Pedimented Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,229.51	66.93
07 72 38 13-1600	EA	12" x 18" Pedimented Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,319.03	66.93

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 38 13-1601	EA	12" x 18" Pedimented Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,408.55	66.93
07 72 38 13-1602	EA	12" x 18" Pedimented Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,498.08	66.93
07 72 38 13-1603	EA	12" x 18" Pedimented Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	1,587.60	66.93
07 72 38 13-1604	EA	12" x 18" Pedimented Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	1,677.12	66.93
07 72 38 13-1605	EA	12" x 18" Pedimented Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	1,766.64	66.93
07 72 38 13-1606	EA	12" x 18" Pedimented Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	1,856.17	66.93
07 72 38 13-1607	EA	12" x 18" Pedimented Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	1,945.69	66.93
07 72 38 13-1608	EA	12" x 18" Pedimented Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,035.21	66.93
07 72 38 13-1609	EA	12" x 18" Pedimented Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,420.40	66.93
07 72 38 13-1610	EA	12" x 18" Pedimented Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,509.93	66.93
07 72 38 13-1611	EA	12" x 18" Pedimented Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,599.45	66.93
07 72 38 13-1612	EA	12" x 18" Pedimented Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	1,688.97	66.93
07 72 38 13-1613	EA	12" x 18" Pedimented Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	1,778.50	66.93
07 72 38 13-1614	EA	12" x 18" Pedimented Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	1,868.02	66.93
07 72 38 13-1615	EA	12" x 18" Pedimented Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	1,957.54	66.93
07 72 38 13-1616	EA	12" x 18" Pedimented Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,047.06	66.93
07 72 38 13-1617	EA	12" x 18" Pedimented Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,136.59	66.93
07 72 38 13-1618	EA	12" x 18" Pedimented Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,226.11	66.93
07 72 38 13-1619	EA	12" x 18" Pedimented Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,315.63	66.93
07 72 38 13-1620	EA	12" x 18" Pedimented Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,405.16	66.93
07 72 38 13-1621	EA	15" x 21" Pedimented Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,256.78	80.01
07 72 38 13-1622	EA	15" x 21" Pedimented Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,346.31	80.01
07 72 38 13-1623	EA	15" x 21" Pedimented Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,435.83	80.01
07 72 38 13-1624	EA	15" x 21" Pedimented Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,525.35	80.01
07 72 38 13-1625	EA	15" x 21" Pedimented Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,614.88	80.01
07 72 38 13-1626	EA	15" x 21" Pedimented Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,704.40	80.01
07 72 38 13-1627	EA	15" x 21" Pedimented Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	1,793.92	80.01
07 72 38 13-1628	EA	15" x 21" Pedimented Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	1,883.44	80.01
07 72 38 13-1629	EA	15" x 21" Pedimented Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	1,972.97	80.01
07 72 38 13-1630	EA	15" x 21" Pedimented Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	2,062.49	80.01
07 72 38 13-1631	EA	15" x 21" Pedimented Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,152.01	80.01
07 72 38 13-1632	EA	15" x 21" Pedimented Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,241.54	80.01
07 72 38 13-1633	EA	15" x 21" Pedimented Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,626.73	80.01
07 72 38 13-1634	EA	15" x 21" Pedimented Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,716.25	80.01
07 72 38 13-1635	EA	15" x 21" Pedimented Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,805.77	80.01
07 72 38 13-1636	EA	15" x 21" Pedimented Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	1,895.30	80.01
07 72 38 13-1637	EA	15" x 21" Pedimented Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	1,984.82	80.01
07 72 38 13-1638	EA	15" x 21" Pedimented Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	2,074.34	80.01
07 72 38 13-1639	EA	15" x 21" Pedimented Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	2,163.86	80.01
07 72 38 13-1640	EA	15" x 21" Pedimented Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,253.39	80.01
07 72 38 13-1641	EA	15" x 21" Pedimented Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,342.91	80.01
07 72 38 13-1642	EA	15" x 21" Pedimented Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,432.43	80.01
07 72 38 13-1643	EA	15" x 21" Pedimented Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,521.96	80.01
07 72 38 13-1644	EA	15" x 21" Pedimented Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,611.48	80.01
07 72 38 13-1645	EA	18" x 27" Pedimented Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,594.11	90.02
07 72 38 13-1646	EA	18" x 27" Pedimented Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,683.64	90.02
07 72 38 13-1647	EA	18" x 27" Pedimented Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,773.16	90.02
07 72 38 13-1648	EA	18" x 27" Pedimented Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,862.68	90.02
07 72 38 13-1649	EA	18" x 27" Pedimented Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,952.20	90.02
07 72 38 13-1650	EA	18" x 27" Pedimented Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	2,041.73	90.02
07 72 38 13-1651	EA	18" x 27" Pedimented Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	2,131.25	90.02
07 72 38 13-1652	EA	18" x 27" Pedimented Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	2,220.77	90.02
07 72 38 13-1653	EA	18" x 27" Pedimented Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	2,310.30	90.02
07 72 38 13-1654	EA	18" x 27" Pedimented Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	2,399.82	90.02
07 72 38 13-1655	EA	18" x 27" Pedimented Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,489.34	90.02
07 72 38 13-1656	EA	18" x 27" Pedimented Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,578.86	90.02
07 72 38 13-1657	EA	18" x 27" Pedimented Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,964.06	90.02
07 72 38 13-1658	EA	18" x 27" Pedimented Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	2,053.58	90.02
07 72 38 13-1659	EA	18" x 27" Pedimented Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	2,143.10	90.02
07 72 38 13-1660	EA	18" x 27" Pedimented Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	2,232.62	90.02
07 72 38 13-1661	EA	18" x 27" Pedimented Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	2,322.15	90.02
07 72 38 13-1662	EA	18" x 27" Pedimented Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	2,411.67	90.02
07 72 38 13-1663	EA	18" x 27" Pedimented Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	2,501.19	90.02
07 72 38 13-1664	EA	18" x 27" Pedimented Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,590.72	90.02
07 72 38 13-1665	EA	18" x 27" Pedimented Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,680.24	90.02
07 72 38 13-1666	EA	18" x 27" Pedimented Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,769.76	90.02
07 72 38 13-1667	EA	18" x 27" Pedimented Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,859.28	90.02
07 72 38 13-1668	EA	18" x 27" Pedimented Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,948.81	90.02
07 72 38 13-1669	EA	24" x 36" Pedimented Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	2,324.89	102.33
07 72 38 13-1670	EA	24" x 36" Pedimented Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	2,414.42	102.33
07 72 38 13-1671	EA	24" x 36" Pedimented Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	2,503.94	102.33
07 72 38 13-1672	EA	24" x 36" Pedimented Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	2,593.46	102.33
07 72 38 13-1673	EA	24" x 36" Pedimented Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	2,682.99	102.33
07 72 38 13-1674	EA	24" x 36" Pedimented Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	2,772.51	102.33
07 72 38 13-1675	EA	24" x 36" Pedimented Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	2,862.03	102.33
07 72 38 13-1676	EA	24" x 36" Pedimented Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	2,951.55	102.33
07 72 38 13-1677	EA	24" x 36" Pedimented Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	3,041.08	102.33
07 72 38 13-1678	EA	24" x 36" Pedimented Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	3,130.60	102.33
07 72 38 13-1679	EA	24" x 36" Pedimented Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	3,220.12	102.33
07 72 38 13-1680	EA	24" x 36" Pedimented Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	3,309.64	102.33
07 72 38 13-1681	EA	24" x 36" Pedimented Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	2,694.84	102.33

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 38 13-1682	EA	24" x 36" Pedimented Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	2,784.36	102.33
07 72 38 13-1683	EA	24" x 36" Pedimented Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	2,873.88	102.33
07 72 38 13-1684	EA	24" x 36" Pedimented Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	2,963.41	102.33
07 72 38 13-1685	EA	24" x 36" Pedimented Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	3,052.93	102.33
07 72 38 13-1686	EA	24" x 36" Pedimented Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	3,142.45	102.33
07 72 38 13-1687	EA	24" x 36" Pedimented Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	3,231.97	102.33
07 72 38 13-1688	EA	24" x 36" Pedimented Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	3,321.50	102.33
07 72 38 13-1689	EA	24" x 36" Pedimented Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	3,411.02	102.33
07 72 38 13-1690	EA	24" x 36" Pedimented Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	3,500.54	102.33
07 72 38 13-1691	EA	24" x 36" Pedimented Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	3,590.07	102.33
07 72 38 13-1692	EA	24" x 36" Pedimented Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	3,679.59	102.33
07 72 38 13-1693	EA	30" x 42" Pedimented Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	3,088.44	113.87
07 72 38 13-1694	EA	30" x 42" Pedimented Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	3,177.96	113.87
07 72 38 13-1695	EA	30" x 42" Pedimented Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	3,267.48	113.87
07 72 38 13-1696	EA	30" x 42" Pedimented Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	3,357.00	113.87
07 72 38 13-1697	EA	30" x 42" Pedimented Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	3,446.53	113.87
07 72 38 13-1698	EA	30" x 42" Pedimented Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	3,536.05	113.87
07 72 38 13-1699	EA	30" x 42" Pedimented Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	3,625.57	113.87
07 72 38 13-1700	EA	30" x 42" Pedimented Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	3,715.10	113.87
07 72 38 13-1701	EA	30" x 42" Pedimented Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	3,804.62	113.87
07 72 38 13-1702	EA	30" x 42" Pedimented Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	3,894.14	113.87
07 72 38 13-1703	EA	30" x 42" Pedimented Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	3,983.66	113.87
07 72 38 13-1704	EA	30" x 42" Pedimented Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	4,073.19	113.87
07 72 38 13-1705	EA	30" x 42" Pedimented Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	3,458.38	113.87
07 72 38 13-1706	EA	30" x 42" Pedimented Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	3,547.90	113.87
07 72 38 13-1707	EA	30" x 42" Pedimented Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	3,637.42	113.87
07 72 38 13-1708	EA	30" x 42" Pedimented Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	3,726.95	113.87
07 72 38 13-1709	EA	30" x 42" Pedimented Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	3,816.47	113.87
07 72 38 13-1710	EA	30" x 42" Pedimented Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	3,905.99	113.87
07 72 38 13-1711	EA	30" x 42" Pedimented Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	3,995.52	113.87
07 72 38 13-1712	EA	30" x 42" Pedimented Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	4,085.04	113.87
07 72 38 13-1713	EA	30" x 42" Pedimented Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	4,174.56	113.87
07 72 38 13-1714	EA	30" x 42" Pedimented Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	4,264.08	113.87
07 72 38 13-1715	EA	30" x 42" Pedimented Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	4,353.61	113.87
07 72 38 13-1716	EA	30" x 42" Pedimented Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	4,443.13	113.87
07 72 38 13-1717	EA	36" x 48" Pedimented Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	3,970.13	113.87
07 72 38 13-1718	EA	36" x 48" Pedimented Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	4,074.82	123.87
07 72 38 13-1719	EA	36" x 48" Pedimented Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	4,164.34	123.87
07 72 38 13-1720	EA	36" x 48" Pedimented Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	4,253.86	123.87
07 72 38 13-1721	EA	36" x 48" Pedimented Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	4,343.39	123.87
07 72 38 13-1722	EA	36" x 48" Pedimented Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	4,432.91	123.87
07 72 38 13-1723	EA	36" x 48" Pedimented Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	4,522.43	123.87
07 72 38 13-1724	EA	36" x 48" Pedimented Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	4,611.95	123.87
07 72 38 13-1725	EA	36" x 48" Pedimented Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	4,701.48	123.87
07 72 38 13-1726	EA	36" x 48" Pedimented Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	4,791.00	123.87
07 72 38 13-1727	EA	36" x 48" Pedimented Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	4,880.52	123.87
07 72 38 13-1728	EA	36" x 48" Pedimented Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	4,970.05	123.87
07 72 38 13-1729	EA	36" x 48" Pedimented Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	4,355.24	123.87
07 72 38 13-1730	EA	36" x 48" Pedimented Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	4,444.76	123.87
07 72 38 13-1731	EA	36" x 48" Pedimented Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	4,534.28	123.87
07 72 38 13-1732	EA	36" x 48" Pedimented Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	4,623.81	123.87
07 72 38 13-1733	EA	36" x 48" Pedimented Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	4,713.33	123.87
07 72 38 13-1734	EA	36" x 48" Pedimented Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	4,802.85	123.87
07 72 38 13-1735	EA	36" x 48" Pedimented Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	4,892.37	123.87
07 72 38 13-1736	EA	36" x 48" Pedimented Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	4,981.90	123.87
07 72 38 13-1737	EA	36" x 48" Pedimented Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	5,071.42	123.87
07 72 38 13-1738	EA	36" x 48" Pedimented Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	5,160.94	123.87
07 72 38 13-1739	EA	36" x 48" Pedimented Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	5,250.47	123.87
07 72 38 13-1740	EA	36" x 48" Pedimented Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	5,339.99	123.87

07 72 38 13-1741 Mantle Clock Copper Roof Dormer Vent *(07 72 38 13-0001)*

07 72 38 13-1742	EA	30" x 36" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,096.31	102.33
07 72 38 13-1743	EA	30" x 36" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,275.83	102.33
07 72 38 13-1744	EA	30" x 36" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,455.36	102.33
07 72 38 13-1745	EA	30" x 36" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,634.88	102.33
07 72 38 13-1746	EA	30" x 36" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,814.41	102.33
07 72 38 13-1747	EA	30" x 36" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,993.93	102.33
07 72 38 13-1748	EA	30" x 36" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	2,173.46	102.33
07 72 38 13-1749	EA	30" x 36" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	2,352.98	102.33
07 72 38 13-1750	EA	30" x 36" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	2,532.51	102.33
07 72 38 13-1751	EA	30" x 36" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	2,712.03	102.33
07 72 38 13-1752	EA	30" x 36" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,891.56	102.33
07 72 38 13-1753	EA	30" x 36" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	3,071.08	102.33
07 72 38 13-1754	EA	30" x 36" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,575.86	102.33
07 72 38 13-1755	EA	30" x 36" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,755.39	102.33
07 72 38 13-1756	EA	30" x 36" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,934.91	102.33
07 72 38 13-1757	EA	30" x 36" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	2,114.44	102.33
07 72 38 13-1758	EA	30" x 36" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	2,293.96	102.33
07 72 38 13-1759	EA	30" x 36" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	2,473.49	102.33
07 72 38 13-1760	EA	30" x 36" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	2,653.01	102.33

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 38 13-1761	EA	30" x 36" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,832.54	102.33
07 72 38 13-1762	EA	30" x 36" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	3,012.06	102.33
07 72 38 13-1763	EA	30" x 36" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	3,191.59	102.33
07 72 38 13-1764	EA	30" x 36" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	3,371.11	102.33
07 72 38 13-1765	EA	30" x 36" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	3,550.64	102.33
07 72 38 13-1766	EA	36" x 42" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,394.95	113.87
07 72 38 13-1767	EA	36" x 42" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,574.48	113.87
07 72 38 13-1768	EA	36" x 42" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,754.00	113.87
07 72 38 13-1769	EA	36" x 42" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,933.53	113.87
07 72 38 13-1770	EA	36" x 42" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	2,113.05	113.87
07 72 38 13-1771	EA	36" x 42" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	2,292.58	113.87
07 72 38 13-1772	EA	36" x 42" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	2,472.10	113.87
07 72 38 13-1773	EA	36" x 42" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	2,651.63	113.87
07 72 38 13-1774	EA	36" x 42" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	2,831.15	113.87
07 72 38 13-1775	EA	36" x 42" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	3,010.68	113.87
07 72 38 13-1776	EA	36" x 42" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	3,190.20	113.87
07 72 38 13-1777	EA	36" x 42" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	3,369.73	113.87
07 72 38 13-1778	EA	36" x 42" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,874.51	113.87
07 72 38 13-1779	EA	36" x 42" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	2,054.03	113.87
07 72 38 13-1780	EA	36" x 42" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	2,233.56	113.87
07 72 38 13-1781	EA	36" x 42" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	2,413.08	113.87
07 72 38 13-1782	EA	36" x 42" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	2,592.61	113.87
07 72 38 13-1783	EA	36" x 42" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	2,772.13	113.87
07 72 38 13-1784	EA	36" x 42" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	2,951.66	113.87
07 72 38 13-1785	EA	36" x 42" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	3,131.19	113.87
07 72 38 13-1786	EA	36" x 42" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	3,310.71	113.87
07 72 38 13-1787	EA	36" x 42" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	3,490.24	113.87
07 72 38 13-1788	EA	36" x 42" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	3,669.76	113.87
07 72 38 13-1789	EA	36" x 42" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	3,849.29	113.87
07 72 38 13-1790	EA	42" x 49" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	2,803.31	113.87
07 72 38 13-1791	EA	42" x 49" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	2,997.99	123.87
07 72 38 13-1792	EA	42" x 49" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	3,177.52	123.87
07 72 38 13-1793	EA	42" x 49" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	3,357.04	123.87
07 72 38 13-1794	EA	42" x 49" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	3,536.57	123.87
07 72 38 13-1795	EA	42" x 49" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	3,716.09	123.87
07 72 38 13-1796	EA	42" x 49" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	3,895.62	123.87
07 72 38 13-1797	EA	42" x 49" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	4,075.14	123.87
07 72 38 13-1798	EA	42" x 49" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	4,254.67	123.87
07 72 38 13-1799	EA	42" x 49" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	4,434.19	123.87
07 72 38 13-1800	EA	42" x 49" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	4,613.72	123.87
07 72 38 13-1801	EA	42" x 49" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	4,793.24	123.87
07 72 38 13-1802	EA	42" x 49" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	3,298.02	123.87
07 72 38 13-1803	EA	42" x 49" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	3,477.55	123.87
07 72 38 13-1804	EA	42" x 49" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	3,657.07	123.87
07 72 38 13-1805	EA	42" x 49" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	3,836.60	123.87
07 72 38 13-1806	EA	42" x 49" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	4,016.12	123.87
07 72 38 13-1807	EA	42" x 49" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	4,195.65	123.87
07 72 38 13-1808	EA	42" x 49" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	4,375.17	123.87
07 72 38 13-1809	EA	42" x 49" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	4,554.70	123.87
07 72 38 13-1810	EA	42" x 49" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	4,734.22	123.87
07 72 38 13-1811	EA	42" x 49" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	4,913.75	123.87
07 72 38 13-1812	EA	42" x 49" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	5,093.27	123.87
07 72 38 13-1813	EA	42" x 49" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	5,272.80	123.87

07 72 38 13-1814 Aluminum Roof Dormer Vent *(07 72 38 13)*

Note: Includes insect screen on the inside of the louvers, 0.032 Kynar finish Aluminum and fabricated with sturdy wooden framing.

07 72 38 13-1815 Half Round Aluminum Roof Dormer Vent *(07 72 38 13-1814)*

07 72 38 13-1816	EA	18" Half Round Aluminum Dormer Vents, 16/12 Slope	552.03	66.93
07 72 38 13-1817	EA	18" Half Round Aluminum Dormer Vents, 15/12 Slope	767.14	66.93
07 72 38 13-1818	EA	18" Half Round Aluminum Dormer Vents, 14/12 Slope	1,011.14	66.93
07 72 38 13-1819	EA	18" Half Round Aluminum Dormer Vents, 13/12 Slope	1,194.15	66.93
07 72 38 13-1820	EA	18" Half Round Aluminum Dormer Vents, 12/12 Slope	1,412.47	66.93
07 72 38 13-1821	EA	18" Half Round Aluminum Dormer Vents, 11/12 Slope	1,624.37	66.93
07 72 38 13-1822	EA	18" Half Round Aluminum Dormer Vents, 10/12 Slope	1,839.48	66.93
07 72 38 13-1823	EA	18" Half Round Aluminum Dormer Vents, 9/12 Slope	2,054.59	66.93
07 72 38 13-1824	EA	18" Half Round Aluminum Dormer Vents, 8/12 Slope	2,269.70	66.93
07 72 38 13-1825	EA	18" Half Round Aluminum Dormer Vents, 7/12 Slope	2,481.60	66.93
07 72 38 13-1826	EA	18" Half Round Aluminum Dormer Vents, 6/12 Slope	2,696.71	66.93
07 72 38 13-1827	EA	18" Half Round Aluminum Dormer Vents, 5/12 Slope	2,911.82	66.93
07 72 38 13-1828	EA	24" Half Round Aluminum Dormer Vents, 16/12 Slope	651.36	80.01
07 72 38 13-1829	EA	24" Half Round Aluminum Dormer Vents, 15/12 Slope	866.47	80.01
07 72 38 13-1830	EA	24" Half Round Aluminum Dormer Vents, 14/12 Slope	1,110.48	80.01
07 72 38 13-1831	EA	24" Half Round Aluminum Dormer Vents, 13/12 Slope	1,293.48	80.01
07 72 38 13-1832	EA	24" Half Round Aluminum Dormer Vents, 12/12 Slope	1,511.81	80.01
07 72 38 13-1833	EA	24" Half Round Aluminum Dormer Vents, 11/12 Slope	1,723.70	80.01
07 72 38 13-1834	EA	24" Half Round Aluminum Dormer Vents, 10/12 Slope	1,938.81	80.01
07 72 38 13-1835	EA	24" Half Round Aluminum Dormer Vents, 9/12 Slope	2,153.93	80.01
07 72 38 13-1836	EA	24" Half Round Aluminum Dormer Vents, 8/12 Slope	2,369.04	80.01
07 72 38 13-1837	EA	24" Half Round Aluminum Dormer Vents, 7/12 Slope	2,580.93	80.01

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 38 13-1838	EA	24" Half Round Aluminum Dormer Vents, 6/12 Slope	2,796.05	80.01
07 72 38 13-1839	EA	24" Half Round Aluminum Dormer Vents, 5/12 Slope	3,011.16	80.01
07 72 38 13-1840	EA	30" Half Round Aluminum Dormer Vents, 16/12 Slope	760.09	90.02
07 72 38 13-1841	EA	30" Half Round Aluminum Dormer Vents, 15/12 Slope	975.20	90.02
07 72 38 13-1842	EA	30" Half Round Aluminum Dormer Vents, 14/12 Slope	1,219.21	90.02
07 72 38 13-1843	EA	30" Half Round Aluminum Dormer Vents, 13/12 Slope	1,402.21	90.02
07 72 38 13-1844	EA	30" Half Round Aluminum Dormer Vents, 12/12 Slope	1,620.53	90.02
07 72 38 13-1845	EA	30" Half Round Aluminum Dormer Vents, 11/12 Slope	1,832.43	90.02
07 72 38 13-1846	EA	30" Half Round Aluminum Dormer Vents, 10/12 Slope	2,047.54	90.02
07 72 38 13-1847	EA	30" Half Round Aluminum Dormer Vents, 9/12 Slope	2,262.65	90.02
07 72 38 13-1848	EA	30" Half Round Aluminum Dormer Vents, 8/12 Slope	2,477.76	90.02
07 72 38 13-1849	EA	30" Half Round Aluminum Dormer Vents, 7/12 Slope	2,689.66	90.02
07 72 38 13-1850	EA	30" Half Round Aluminum Dormer Vents, 6/12 Slope	2,904.77	90.02
07 72 38 13-1851	EA	30" Half Round Aluminum Dormer Vents, 5/12 Slope	3,119.88	90.02
07 72 38 13-1852	EA	36" Half Round Aluminum Dormer Vents, 16/12 Slope	888.79	102.33
07 72 38 13-1853	EA	36" Half Round Aluminum Dormer Vents, 15/12 Slope	1,103.90	102.33
07 72 38 13-1854	EA	36" Half Round Aluminum Dormer Vents, 14/12 Slope	1,347.91	102.33
07 72 38 13-1855	EA	36" Half Round Aluminum Dormer Vents, 13/12 Slope	1,530.91	102.33
07 72 38 13-1856	EA	36" Half Round Aluminum Dormer Vents, 12/12 Slope	1,749.23	102.33
07 72 38 13-1857	EA	36" Half Round Aluminum Dormer Vents, 11/12 Slope	1,961.13	102.33
07 72 38 13-1858	EA	36" Half Round Aluminum Dormer Vents, 10/12 Slope	2,176.24	102.33
07 72 38 13-1859	EA	36" Half Round Aluminum Dormer Vents, 9/12 Slope	2,391.35	102.33
07 72 38 13-1860	EA	36" Half Round Aluminum Dormer Vents, 8/12 Slope	2,606.46	102.33
07 72 38 13-1861	EA	36" Half Round Aluminum Dormer Vents, 7/12 Slope	2,818.36	102.33
07 72 38 13-1862	EA	36" Half Round Aluminum Dormer Vents, 6/12 Slope	3,033.47	102.33
07 72 38 13-1863	EA	36" Half Round Aluminum Dormer Vents, 5/12 Slope	3,248.58	102.33
07 72 38 13-1864	EA	42" Half Round Aluminum Dormer Vents, 16/12 Slope	1,459.05	113.87
07 72 38 13-1865	EA	42" Half Round Aluminum Dormer Vents, 15/12 Slope	1,674.16	113.87
07 72 38 13-1866	EA	42" Half Round Aluminum Dormer Vents, 14/12 Slope	1,918.17	113.87
07 72 38 13-1867	EA	42" Half Round Aluminum Dormer Vents, 13/12 Slope	2,101.17	113.87
07 72 38 13-1868	EA	42" Half Round Aluminum Dormer Vents, 12/12 Slope	2,319.49	113.87
07 72 38 13-1869	EA	42" Half Round Aluminum Dormer Vents, 11/12 Slope	2,531.39	113.87
07 72 38 13-1870	EA	42" Half Round Aluminum Dormer Vents, 10/12 Slope	2,746.50	113.87
07 72 38 13-1871	EA	42" Half Round Aluminum Dormer Vents, 9/12 Slope	2,961.61	113.87
07 72 38 13-1872	EA	42" Half Round Aluminum Dormer Vents, 8/12 Slope	3,176.72	113.87
07 72 38 13-1873	EA	42" Half Round Aluminum Dormer Vents, 7/12 Slope	3,388.62	113.87
07 72 38 13-1874	EA	42" Half Round Aluminum Dormer Vents, 6/12 Slope	3,603.73	113.87
07 72 38 13-1875	EA	42" Half Round Aluminum Dormer Vents, 5/12 Slope	3,818.84	113.87
07 72 38 13-1876	EA	48" Half Round Aluminum Dormer Vents, 16/12 Slope	2,096.87	113.87
07 72 38 13-1877	EA	48" Half Round Aluminum Dormer Vents, 15/12 Slope	2,327.14	123.87
07 72 38 13-1878	EA	48" Half Round Aluminum Dormer Vents, 14/12 Slope	2,571.14	123.87
07 72 38 13-1879	EA	48" Half Round Aluminum Dormer Vents, 13/12 Slope	2,754.15	123.87
07 72 38 13-1880	EA	48" Half Round Aluminum Dormer Vents, 12/12 Slope	2,972.47	123.87
07 72 38 13-1881	EA	48" Half Round Aluminum Dormer Vents, 11/12 Slope	3,184.37	123.87
07 72 38 13-1882	EA	48" Half Round Aluminum Dormer Vents, 10/12 Slope	3,399.48	123.87
07 72 38 13-1883	EA	48" Half Round Aluminum Dormer Vents, 9/12 Slope	3,614.59	123.87
07 72 38 13-1884	EA	48" Half Round Aluminum Dormer Vents, 8/12 Slope	3,829.70	123.87
07 72 38 13-1885	EA	48" Half Round Aluminum Dormer Vents, 7/12 Slope	4,041.60	123.87
07 72 38 13-1886	EA	48" Half Round Aluminum Dormer Vents, 6/12 Slope	4,256.71	123.87
07 72 38 13-1887	EA	48" Half Round Aluminum Dormer Vents, 5/12 Slope	4,471.82	123.87

07 72 38 13-1888 Triangle Aluminum Roof Dormer Vent *(07 72 38 13-1814)*

07 72 38 13-1889	EA	18" x 9" Triangle Aluminum Dormer Vents, 16/12 Slope	1,250.01	66.93
07 72 38 13-1890	EA	18" x 9" Triangle Aluminum Dormer Vents, 15/12 Slope	1,465.12	66.93
07 72 38 13-1891	EA	18" x 9" Triangle Aluminum Dormer Vents, 14/12 Slope	1,709.13	66.93
07 72 38 13-1892	EA	18" x 9" Triangle Aluminum Dormer Vents, 13/12 Slope	1,892.13	66.93
07 72 38 13-1893	EA	18" x 9" Triangle Aluminum Dormer Vents, 12/12 Slope	2,110.45	66.93
07 72 38 13-1894	EA	18" x 9" Triangle Aluminum Dormer Vents, 11/12 Slope	2,322.35	66.93
07 72 38 13-1895	EA	18" x 9" Triangle Aluminum Dormer Vents, 10/12 Slope	2,537.46	66.93
07 72 38 13-1896	EA	18" x 9" Triangle Aluminum Dormer Vents, 9/12 Slope	2,752.57	66.93
07 72 38 13-1897	EA	18" x 9" Triangle Aluminum Dormer Vents, 8/12 Slope	2,967.68	66.93
07 72 38 13-1898	EA	18" x 9" Triangle Aluminum Dormer Vents, 7/12 Slope	3,179.58	66.93
07 72 38 13-1899	EA	18" x 9" Triangle Aluminum Dormer Vents, 6/12 Slope	3,394.69	66.93
07 72 38 13-1900	EA	18" x 9" Triangle Aluminum Dormer Vents, 5/12 Slope	3,609.80	66.93
07 72 38 13-1901	EA	18" x 12" Triangle Aluminum Dormer Vents, 16/12 Slope	1,349.32	66.93
07 72 38 13-1902	EA	18" x 12" Triangle Aluminum Dormer Vents, 15/12 Slope	1,564.43	66.93
07 72 38 13-1903	EA	18" x 12" Triangle Aluminum Dormer Vents, 14/12 Slope	1,808.43	66.93
07 72 38 13-1904	EA	18" x 12" Triangle Aluminum Dormer Vents, 13/12 Slope	1,991.44	66.93
07 72 38 13-1905	EA	18" x 12" Triangle Aluminum Dormer Vents, 12/12 Slope	2,209.76	66.93
07 72 38 13-1906	EA	18" x 12" Triangle Aluminum Dormer Vents, 11/12 Slope	2,421.66	66.93
07 72 38 13-1907	EA	18" x 12" Triangle Aluminum Dormer Vents, 10/12 Slope	2,636.77	66.93
07 72 38 13-1908	EA	18" x 12" Triangle Aluminum Dormer Vents, 9/12 Slope	2,851.88	66.93
07 72 38 13-1909	EA	18" x 12" Triangle Aluminum Dormer Vents, 8/12 Slope	3,066.99	66.93
07 72 38 13-1910	EA	18" x 12" Triangle Aluminum Dormer Vents, 7/12 Slope	3,278.89	66.93
07 72 38 13-1911	EA	18" x 12" Triangle Aluminum Dormer Vents, 6/12 Slope	3,494.00	66.93
07 72 38 13-1912	EA	18" x 12" Triangle Aluminum Dormer Vents, 5/12 Slope	3,709.11	66.93
07 72 38 13-1913	EA	24" x 12" Triangle Aluminum Dormer Vents, 16/12 Slope	1,501.53	80.01
07 72 38 13-1914	EA	24" x 12" Triangle Aluminum Dormer Vents, 15/12 Slope	1,716.64	80.01
07 72 38 13-1915	EA	24" x 12" Triangle Aluminum Dormer Vents, 14/12 Slope	1,960.65	80.01
07 72 38 13-1916	EA	24" x 12" Triangle Aluminum Dormer Vents, 13/12 Slope	2,143.65	80.01

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 38 13-1917	EA	24" x 12" Triangle Aluminum Dormer Vents, 12/12 Slope	2,361.97	80.01
07 72 38 13-1918	EA	24" x 12" Triangle Aluminum Dormer Vents, 11/12 Slope	2,573.87	80.01
07 72 38 13-1919	EA	24" x 12" Triangle Aluminum Dormer Vents, 10/12 Slope	2,788.98	80.01
07 72 38 13-1920	EA	24" x 12" Triangle Aluminum Dormer Vents, 9/12 Slope	3,004.09	80.01
07 72 38 13-1921	EA	24" x 12" Triangle Aluminum Dormer Vents, 8/12 Slope	3,219.20	80.01
07 72 38 13-1922	EA	24" x 12" Triangle Aluminum Dormer Vents, 7/12 Slope	3,431.10	80.01
07 72 38 13-1923	EA	24" x 12" Triangle Aluminum Dormer Vents, 6/12 Slope	3,646.21	80.01
07 72 38 13-1924	EA	24" x 12" Triangle Aluminum Dormer Vents, 5/12 Slope	3,861.32	80.01
07 72 38 13-1925	EA	24" x 16" Triangle Aluminum Dormer Vents, 16/12 Slope	1,678.05	80.01
07 72 38 13-1926	EA	24" x 16" Triangle Aluminum Dormer Vents, 15/12 Slope	1,893.16	80.01
07 72 38 13-1927	EA	24" x 16" Triangle Aluminum Dormer Vents, 14/12 Slope	2,137.17	80.01
07 72 38 13-1928	EA	24" x 16" Triangle Aluminum Dormer Vents, 13/12 Slope	2,320.17	80.01
07 72 38 13-1929	EA	24" x 16" Triangle Aluminum Dormer Vents, 12/12 Slope	2,538.49	80.01
07 72 38 13-1930	EA	24" x 16" Triangle Aluminum Dormer Vents, 11/12 Slope	2,750.39	80.01
07 72 38 13-1931	EA	24" x 16" Triangle Aluminum Dormer Vents, 10/12 Slope	2,965.50	80.01
07 72 38 13-1932	EA	24" x 16" Triangle Aluminum Dormer Vents, 9/12 Slope	3,180.61	80.01
07 72 38 13-1933	EA	24" x 16" Triangle Aluminum Dormer Vents, 8/12 Slope	3,395.72	80.01
07 72 38 13-1934	EA	24" x 16" Triangle Aluminum Dormer Vents, 7/12 Slope	3,607.62	80.01
07 72 38 13-1935	EA	24" x 16" Triangle Aluminum Dormer Vents, 6/12 Slope	3,822.73	80.01
07 72 38 13-1936	EA	24" x 16" Triangle Aluminum Dormer Vents, 5/12 Slope	4,037.84	80.01
07 72 38 13-1937	EA	30" x 15" Triangle Aluminum Dormer Vents, 16/12 Slope	1,814.61	90.02
07 72 38 13-1938	EA	30" x 15" Triangle Aluminum Dormer Vents, 15/12 Slope	2,029.72	90.02
07 72 38 13-1939	EA	30" x 15" Triangle Aluminum Dormer Vents, 14/12 Slope	2,273.73	90.02
07 72 38 13-1940	EA	30" x 15" Triangle Aluminum Dormer Vents, 13/12 Slope	2,456.73	90.02
07 72 38 13-1941	EA	30" x 15" Triangle Aluminum Dormer Vents, 12/12 Slope	2,675.05	90.02
07 72 38 13-1942	EA	30" x 15" Triangle Aluminum Dormer Vents, 11/12 Slope	2,886.95	90.02
07 72 38 13-1943	EA	30" x 15" Triangle Aluminum Dormer Vents, 10/12 Slope	3,102.06	90.02
07 72 38 13-1944	EA	30" x 15" Triangle Aluminum Dormer Vents, 9/12 Slope	3,317.17	90.02
07 72 38 13-1945	EA	30" x 15" Triangle Aluminum Dormer Vents, 8/12 Slope	3,532.28	90.02
07 72 38 13-1946	EA	30" x 15" Triangle Aluminum Dormer Vents, 7/12 Slope	3,744.18	90.02
07 72 38 13-1947	EA	30" x 15" Triangle Aluminum Dormer Vents, 6/12 Slope	3,959.29	90.02
07 72 38 13-1948	EA	30" x 15" Triangle Aluminum Dormer Vents, 5/12 Slope	4,174.40	90.02
07 72 38 13-1949	EA	30" x 20" Triangle Aluminum Dormer Vents, 16/12 Slope	2,090.44	90.02
07 72 38 13-1950	EA	30" x 20" Triangle Aluminum Dormer Vents, 15/12 Slope	2,305.55	90.02
07 72 38 13-1951	EA	30" x 20" Triangle Aluminum Dormer Vents, 14/12 Slope	2,549.55	90.02
07 72 38 13-1952	EA	30" x 20" Triangle Aluminum Dormer Vents, 13/12 Slope	2,732.56	90.02
07 72 38 13-1953	EA	30" x 20" Triangle Aluminum Dormer Vents, 12/12 Slope	2,950.88	90.02
07 72 38 13-1954	EA	30" x 20" Triangle Aluminum Dormer Vents, 11/12 Slope	3,162.78	90.02
07 72 38 13-1955	EA	30" x 20" Triangle Aluminum Dormer Vents, 10/12 Slope	3,377.89	90.02
07 72 38 13-1956	EA	30" x 20" Triangle Aluminum Dormer Vents, 9/12 Slope	3,593.00	90.02
07 72 38 13-1957	EA	30" x 20" Triangle Aluminum Dormer Vents, 8/12 Slope	3,808.11	90.02
07 72 38 13-1958	EA	30" x 20" Triangle Aluminum Dormer Vents, 7/12 Slope	4,020.01	90.02
07 72 38 13-1959	EA	30" x 20" Triangle Aluminum Dormer Vents, 6/12 Slope	4,235.12	90.02
07 72 38 13-1960	EA	30" x 20" Triangle Aluminum Dormer Vents, 5/12 Slope	4,450.23	90.02
07 72 38 13-1961	EA	36" x 18" Triangle Aluminum Dormer Vents, 16/12 Slope	2,197.33	102.33
07 72 38 13-1962	EA	36" x 18" Triangle Aluminum Dormer Vents, 15/12 Slope	2,412.44	102.33
07 72 38 13-1963	EA	36" x 18" Triangle Aluminum Dormer Vents, 14/12 Slope	2,656.45	102.33
07 72 38 13-1964	EA	36" x 18" Triangle Aluminum Dormer Vents, 13/12 Slope	2,839.45	102.33
07 72 38 13-1965	EA	36" x 18" Triangle Aluminum Dormer Vents, 12/12 Slope	3,057.78	102.33
07 72 38 13-1966	EA	36" x 18" Triangle Aluminum Dormer Vents, 11/12 Slope	3,269.68	102.33
07 72 38 13-1967	EA	36" x 18" Triangle Aluminum Dormer Vents, 10/12 Slope	3,484.79	102.33
07 72 38 13-1968	EA	36" x 18" Triangle Aluminum Dormer Vents, 9/12 Slope	3,699.90	102.33
07 72 38 13-1969	EA	36" x 18" Triangle Aluminum Dormer Vents, 8/12 Slope	3,915.01	102.33
07 72 38 13-1970	EA	36" x 18" Triangle Aluminum Dormer Vents, 7/12 Slope	4,126.91	102.33
07 72 38 13-1971	EA	36" x 18" Triangle Aluminum Dormer Vents, 6/12 Slope	4,342.02	102.33
07 72 38 13-1972	EA	36" x 18" Triangle Aluminum Dormer Vents, 5/12 Slope	4,557.13	102.33
07 72 38 13-1973	EA	36" x 24" Triangle Aluminum Dormer Vents, 16/12 Slope	2,594.55	102.33
07 72 38 13-1974	EA	36" x 24" Triangle Aluminum Dormer Vents, 15/12 Slope	2,809.66	102.33
07 72 38 13-1975	EA	36" x 24" Triangle Aluminum Dormer Vents, 14/12 Slope	3,053.67	102.33
07 72 38 13-1976	EA	36" x 24" Triangle Aluminum Dormer Vents, 13/12 Slope	3,236.67	102.33
07 72 38 13-1977	EA	36" x 24" Triangle Aluminum Dormer Vents, 12/12 Slope	3,454.99	102.33
07 72 38 13-1978	EA	36" x 24" Triangle Aluminum Dormer Vents, 11/12 Slope	3,666.89	102.33
07 72 38 13-1979	EA	36" x 24" Triangle Aluminum Dormer Vents, 10/12 Slope	3,882.00	102.33
07 72 38 13-1980	EA	36" x 24" Triangle Aluminum Dormer Vents, 9/12 Slope	4,097.11	102.33
07 72 38 13-1981	EA	36" x 24" Triangle Aluminum Dormer Vents, 8/12 Slope	4,312.22	102.33
07 72 38 13-1982	EA	36" x 24" Triangle Aluminum Dormer Vents, 7/12 Slope	4,524.12	102.33
07 72 38 13-1983	EA	36" x 24" Triangle Aluminum Dormer Vents, 6/12 Slope	4,739.23	102.33
07 72 38 13-1984	EA	36" x 24" Triangle Aluminum Dormer Vents, 5/12 Slope	4,954.34	102.33
07 72 38 13-1985	EA	42" x 21" Triangle Aluminum Dormer Vents, 16/12 Slope	2,645.14	113.87
07 72 38 13-1986	EA	42" x 21" Triangle Aluminum Dormer Vents, 15/12 Slope	2,860.25	113.87
07 72 38 13-1987	EA	42" x 21" Triangle Aluminum Dormer Vents, 14/12 Slope	3,104.26	113.87
07 72 38 13-1988	EA	42" x 21" Triangle Aluminum Dormer Vents, 13/12 Slope	3,287.26	113.87
07 72 38 13-1989	EA	42" x 21" Triangle Aluminum Dormer Vents, 12/12 Slope	3,505.58	113.87
07 72 38 13-1990	EA	42" x 21" Triangle Aluminum Dormer Vents, 11/12 Slope	3,717.48	113.87
07 72 38 13-1991	EA	42" x 21" Triangle Aluminum Dormer Vents, 10/12 Slope	3,932.59	113.87
07 72 38 13-1992	EA	42" x 21" Triangle Aluminum Dormer Vents, 9/12 Slope	4,147.70	113.87
07 72 38 13-1993	EA	42" x 21" Triangle Aluminum Dormer Vents, 8/12 Slope	4,362.81	113.87
07 72 38 13-1994	EA	42" x 21" Triangle Aluminum Dormer Vents, 7/12 Slope	4,574.71	113.87
07 72 38 13-1995	EA	42" x 21" Triangle Aluminum Dormer Vents, 6/12 Slope	4,789.82	113.87
07 72 38 13-1996	EA	42" x 21" Triangle Aluminum Dormer Vents, 5/12 Slope	5,004.93	113.87
07 72 38 13-1997	EA	42" x 28" Triangle Aluminum Dormer Vents, 16/12 Slope	3,185.81	113.87

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 38 13-1998	EA	42" x 28" Triangle Aluminum Dormer Vents, 15/12 Slope	3,400.92	113.87
07 72 38 13-1999	EA	42" x 28" Triangle Aluminum Dormer Vents, 14/12 Slope	3,644.92	113.87
07 72 38 13-2000	EA	42" x 28" Triangle Aluminum Dormer Vents, 13/12 Slope	3,827.93	113.87
07 72 38 13-2001	EA	42" x 28" Triangle Aluminum Dormer Vents, 12/12 Slope	4,046.25	113.87
07 72 38 13-2002	EA	42" x 28" Triangle Aluminum Dormer Vents, 11/12 Slope	4,258.15	113.87
07 72 38 13-2003	EA	42" x 28" Triangle Aluminum Dormer Vents, 10/12 Slope	4,473.26	113.87
07 72 38 13-2004	EA	42" x 28" Triangle Aluminum Dormer Vents, 9/12 Slope	4,688.37	113.87
07 72 38 13-2005	EA	42" x 28" Triangle Aluminum Dormer Vents, 8/12 Slope	4,903.48	113.87
07 72 38 13-2006	EA	42" x 28" Triangle Aluminum Dormer Vents, 7/12 Slope	5,115.38	113.87
07 72 38 13-2007	EA	42" x 28" Triangle Aluminum Dormer Vents, 6/12 Slope	5,330.49	113.87
07 72 38 13-2008	EA	42" x 28" Triangle Aluminum Dormer Vents, 5/12 Slope	5,545.60	113.87
07 72 38 13-2009	EA	48" x 24" Triangle Aluminum Dormer Vents, 16/12 Slope	3,141.66	113.87
07 72 38 13-2010	EA	48" x 24" Triangle Aluminum Dormer Vents, 15/12 Slope	3,371.93	123.87
07 72 38 13-2011	EA	48" x 24" Triangle Aluminum Dormer Vents, 14/12 Slope	3,615.94	123.87
07 72 38 13-2012	EA	48" x 24" Triangle Aluminum Dormer Vents, 13/12 Slope	3,798.94	123.87
07 72 38 13-2013	EA	48" x 24" Triangle Aluminum Dormer Vents, 12/12 Slope	4,017.26	123.87
07 72 38 13-2014	EA	48" x 24" Triangle Aluminum Dormer Vents, 11/12 Slope	4,229.16	123.87
07 72 38 13-2015	EA	48" x 24" Triangle Aluminum Dormer Vents, 10/12 Slope	4,444.27	123.87
07 72 38 13-2016	EA	48" x 24" Triangle Aluminum Dormer Vents, 9/12 Slope	4,659.38	123.87
07 72 38 13-2017	EA	48" x 24" Triangle Aluminum Dormer Vents, 8/12 Slope	4,874.49	123.87
07 72 38 13-2018	EA	48" x 24" Triangle Aluminum Dormer Vents, 7/12 Slope	5,086.39	123.87
07 72 38 13-2019	EA	48" x 24" Triangle Aluminum Dormer Vents, 6/12 Slope	5,301.50	123.87
07 72 38 13-2020	EA	48" x 24" Triangle Aluminum Dormer Vents, 5/12 Slope	5,516.61	123.87
07 72 38 13-2021	EA	48" x 32" Triangle Aluminum Dormer Vents, 16/12 Slope	3,847.80	113.87
07 72 38 13-2022	EA	48" x 32" Triangle Aluminum Dormer Vents, 15/12 Slope	4,078.07	123.87
07 72 38 13-2023	EA	48" x 32" Triangle Aluminum Dormer Vents, 14/12 Slope	4,322.08	123.87
07 72 38 13-2024	EA	48" x 32" Triangle Aluminum Dormer Vents, 13/12 Slope	4,505.08	123.87
07 72 38 13-2025	EA	48" x 32" Triangle Aluminum Dormer Vents, 12/12 Slope	4,723.40	123.87
07 72 38 13-2026	EA	48" x 32" Triangle Aluminum Dormer Vents, 11/12 Slope	4,935.30	123.87
07 72 38 13-2027	EA	48" x 32" Triangle Aluminum Dormer Vents, 10/12 Slope	5,150.41	123.87
07 72 38 13-2028	EA	48" x 32" Triangle Aluminum Dormer Vents, 9/12 Slope	5,365.52	123.87
07 72 38 13-2029	EA	48" x 32" Triangle Aluminum Dormer Vents, 8/12 Slope	5,580.63	123.87
07 72 38 13-2030	EA	48" x 32" Triangle Aluminum Dormer Vents, 7/12 Slope	5,792.53	123.87
07 72 38 13-2031	EA	48" x 32" Triangle Aluminum Dormer Vents, 6/12 Slope	6,007.64	123.87
07 72 38 13-2032	EA	48" x 32" Triangle Aluminum Dormer Vents, 5/12 Slope	6,222.75	123.87

07 72 38 13-2033 Rectangle Aluminum Roof Dormer Vent *(07 72 38 13-1814)*

07 72 38 13-2034	EA	12" x 18" Rectangle Aluminum Dormer Vents, 16/12 Slope	1,365.56	66.93
07 72 38 13-2035	EA	12" x 18" Rectangle Aluminum Dormer Vents, 15/12 Slope	1,496.91	66.93
07 72 38 13-2036	EA	12" x 18" Rectangle Aluminum Dormer Vents, 14/12 Slope	1,628.25	66.93
07 72 38 13-2037	EA	12" x 18" Rectangle Aluminum Dormer Vents, 13/12 Slope	1,759.60	66.93
07 72 38 13-2038	EA	12" x 18" Rectangle Aluminum Dormer Vents, 12/12 Slope	1,890.94	66.93
07 72 38 13-2039	EA	12" x 18" Rectangle Aluminum Dormer Vents, 11/12 Slope	2,022.29	66.93
07 72 38 13-2040	EA	12" x 18" Rectangle Aluminum Dormer Vents, 10/12 Slope	2,153.64	66.93
07 72 38 13-2041	EA	12" x 18" Rectangle Aluminum Dormer Vents, 9/12 Slope	2,284.98	66.93
07 72 38 13-2042	EA	12" x 18" Rectangle Aluminum Dormer Vents, 8/12 Slope	2,416.33	66.93
07 72 38 13-2043	EA	12" x 18" Rectangle Aluminum Dormer Vents, 7/12 Slope	2,547.67	66.93
07 72 38 13-2044	EA	12" x 18" Rectangle Aluminum Dormer Vents, 6/12 Slope	2,679.02	66.93
07 72 38 13-2045	EA	12" x 18" Rectangle Aluminum Dormer Vents, 5/12 Slope	2,810.36	66.93
07 72 38 13-2046	EA	15" x 21" Rectangle Aluminum Dormer Vents, 16/12 Slope	1,633.29	80.01
07 72 38 13-2047	EA	15" x 21" Rectangle Aluminum Dormer Vents, 15/12 Slope	1,764.64	80.01
07 72 38 13-2048	EA	15" x 21" Rectangle Aluminum Dormer Vents, 14/12 Slope	1,895.99	80.01
07 72 38 13-2049	EA	15" x 21" Rectangle Aluminum Dormer Vents, 13/12 Slope	2,027.33	80.01
07 72 38 13-2050	EA	15" x 21" Rectangle Aluminum Dormer Vents, 12/12 Slope	2,158.68	80.01
07 72 38 13-2051	EA	15" x 21" Rectangle Aluminum Dormer Vents, 11/12 Slope	2,290.02	80.01
07 72 38 13-2052	EA	15" x 21" Rectangle Aluminum Dormer Vents, 10/12 Slope	2,421.37	80.01
07 72 38 13-2053	EA	15" x 21" Rectangle Aluminum Dormer Vents, 9/12 Slope	2,552.71	80.01
07 72 38 13-2054	EA	15" x 21" Rectangle Aluminum Dormer Vents, 8/12 Slope	2,684.06	80.01
07 72 38 13-2055	EA	15" x 21" Rectangle Aluminum Dormer Vents, 7/12 Slope	2,815.41	80.01
07 72 38 13-2056	EA	15" x 21" Rectangle Aluminum Dormer Vents, 6/12 Slope	2,946.75	80.01
07 72 38 13-2057	EA	15" x 21" Rectangle Aluminum Dormer Vents, 5/12 Slope	3,078.10	80.01
07 72 38 13-2058	EA	18" x 27" Rectangle Aluminum Dormer Vents, 16/12 Slope	2,076.69	90.02
07 72 38 13-2059	EA	18" x 27" Rectangle Aluminum Dormer Vents, 15/12 Slope	2,208.04	90.02
07 72 38 13-2060	EA	18" x 27" Rectangle Aluminum Dormer Vents, 14/12 Slope	2,339.39	90.02
07 72 38 13-2061	EA	18" x 27" Rectangle Aluminum Dormer Vents, 13/12 Slope	2,470.73	90.02
07 72 38 13-2062	EA	18" x 27" Rectangle Aluminum Dormer Vents, 12/12 Slope	2,602.08	90.02
07 72 38 13-2063	EA	18" x 27" Rectangle Aluminum Dormer Vents, 11/12 Slope	2,733.42	90.02
07 72 38 13-2064	EA	18" x 27" Rectangle Aluminum Dormer Vents, 10/12 Slope	2,864.77	90.02
07 72 38 13-2065	EA	18" x 27" Rectangle Aluminum Dormer Vents, 9/12 Slope	2,996.11	90.02
07 72 38 13-2066	EA	18" x 27" Rectangle Aluminum Dormer Vents, 8/12 Slope	3,127.46	90.02
07 72 38 13-2067	EA	18" x 27" Rectangle Aluminum Dormer Vents, 7/12 Slope	3,258.80	90.02
07 72 38 13-2068	EA	18" x 27" Rectangle Aluminum Dormer Vents, 6/12 Slope	3,390.15	90.02
07 72 38 13-2069	EA	18" x 27" Rectangle Aluminum Dormer Vents, 5/12 Slope	3,521.50	90.02
07 72 38 13-2070	EA	24" x 36" Rectangle Aluminum Dormer Vents, 16/12 Slope	3,041.95	102.33
07 72 38 13-2071	EA	24" x 36" Rectangle Aluminum Dormer Vents, 15/12 Slope	3,173.29	102.33
07 72 38 13-2072	EA	24" x 36" Rectangle Aluminum Dormer Vents, 14/12 Slope	3,304.64	102.33
07 72 38 13-2073	EA	24" x 36" Rectangle Aluminum Dormer Vents, 13/12 Slope	3,435.98	102.33
07 72 38 13-2074	EA	24" x 36" Rectangle Aluminum Dormer Vents, 12/12 Slope	3,567.33	102.33
07 72 38 13-2075	EA	24" x 36" Rectangle Aluminum Dormer Vents, 11/12 Slope	3,698.68	102.33
07 72 38 13-2076	EA	24" x 36" Rectangle Aluminum Dormer Vents, 10/12 Slope	3,830.02	102.33

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 38 13-2077	EA	24" x 36" Rectangle Aluminum Dormer Vents, 9/12 Slope	3,961.37	102.33
07 72 38 13-2078	EA	24" x 36" Rectangle Aluminum Dormer Vents, 8/12 Slope	4,092.71	102.33
07 72 38 13-2079	EA	24" x 36" Rectangle Aluminum Dormer Vents, 7/12 Slope	4,224.06	102.33
07 72 38 13-2080	EA	24" x 36" Rectangle Aluminum Dormer Vents, 6/12 Slope	4,355.40	102.33
07 72 38 13-2081	EA	24" x 36" Rectangle Aluminum Dormer Vents, 5/12 Slope	4,486.75	102.33
07 72 38 13-2082	EA	30" x 42" Rectangle Aluminum Dormer Vents, 16/12 Slope	4,051.13	113.87
07 72 38 13-2083	EA	30" x 42" Rectangle Aluminum Dormer Vents, 15/12 Slope	4,182.47	113.87
07 72 38 13-2084	EA	30" x 42" Rectangle Aluminum Dormer Vents, 14/12 Slope	4,313.82	113.87
07 72 38 13-2085	EA	30" x 42" Rectangle Aluminum Dormer Vents, 13/12 Slope	4,445.16	113.87
07 72 38 13-2086	EA	30" x 42" Rectangle Aluminum Dormer Vents, 12/12 Slope	4,576.51	113.87
07 72 38 13-2087	EA	30" x 42" Rectangle Aluminum Dormer Vents, 11/12 Slope	4,707.86	113.87
07 72 38 13-2088	EA	30" x 42" Rectangle Aluminum Dormer Vents, 10/12 Slope	4,839.20	113.87
07 72 38 13-2089	EA	30" x 42" Rectangle Aluminum Dormer Vents, 9/12 Slope	4,970.55	113.87
07 72 38 13-2090	EA	30" x 42" Rectangle Aluminum Dormer Vents, 8/12 Slope	5,101.89	113.87
07 72 38 13-2091	EA	30" x 42" Rectangle Aluminum Dormer Vents, 7/12 Slope	5,233.24	113.87
07 72 38 13-2092	EA	30" x 42" Rectangle Aluminum Dormer Vents, 6/12 Slope	5,364.58	113.87
07 72 38 13-2093	EA	30" x 42" Rectangle Aluminum Dormer Vents, 5/12 Slope	5,495.93	113.87
07 72 38 13-2094	EA	36" x 48" Rectangle Aluminum Dormer Vents, 16/12 Slope	5,223.12	113.87
07 72 38 13-2095	EA	36" x 48" Rectangle Aluminum Dormer Vents, 15/12 Slope	5,369.63	123.87
07 72 38 13-2096	EA	36" x 48" Rectangle Aluminum Dormer Vents, 14/12 Slope	5,500.98	123.87
07 72 38 13-2097	EA	36" x 48" Rectangle Aluminum Dormer Vents, 13/12 Slope	5,632.32	123.87
07 72 38 13-2098	EA	36" x 48" Rectangle Aluminum Dormer Vents, 12/12 Slope	5,763.67	123.87
07 72 38 13-2099	EA	36" x 48" Rectangle Aluminum Dormer Vents, 11/12 Slope	5,895.01	123.87
07 72 38 13-2100	EA	36" x 48" Rectangle Aluminum Dormer Vents, 10/12 Slope	6,026.36	123.87
07 72 38 13-2101	EA	36" x 48" Rectangle Aluminum Dormer Vents, 9/12 Slope	6,157.70	123.87
07 72 38 13-2102	EA	36" x 48" Rectangle Aluminum Dormer Vents, 8/12 Slope	6,289.05	123.87
07 72 38 13-2103	EA	36" x 48" Rectangle Aluminum Dormer Vents, 7/12 Slope	6,420.40	123.87
07 72 38 13-2104	EA	36" x 48" Rectangle Aluminum Dormer Vents, 6/12 Slope	6,551.74	123.87
07 72 38 13-2105	EA	36" x 48" Rectangle Aluminum Dormer Vents, 5/12 Slope	6,683.09	123.87
07 72 38 13-2106		Tombstone Aluminum Roof Dormer Vent *(07 72 38 13-1814)*		
07 72 38 13-2107	EA	12" x 18" Tombstone Aluminum Dormer Vents, 16/12 Slope	1,439.21	66.93
07 72 38 13-2108	EA	12" x 18" Tombstone Aluminum Dormer Vents, 15/12 Slope	1,654.32	66.93
07 72 38 13-2109	EA	12" x 18" Tombstone Aluminum Dormer Vents, 14/12 Slope	1,898.33	66.93
07 72 38 13-2110	EA	12" x 18" Tombstone Aluminum Dormer Vents, 13/12 Slope	2,081.33	66.93
07 72 38 13-2111	EA	12" x 18" Tombstone Aluminum Dormer Vents, 12/12 Slope	2,299.65	66.93
07 72 38 13-2112	EA	12" x 18" Tombstone Aluminum Dormer Vents, 11/12 Slope	2,511.55	66.93
07 72 38 13-2113	EA	12" x 18" Tombstone Aluminum Dormer Vents, 10/12 Slope	2,726.66	66.93
07 72 38 13-2114	EA	12" x 18" Tombstone Aluminum Dormer Vents, 9/12 Slope	2,941.77	66.93
07 72 38 13-2115	EA	12" x 18" Tombstone Aluminum Dormer Vents, 8/12 Slope	3,156.88	66.93
07 72 38 13-2116	EA	12" x 18" Tombstone Aluminum Dormer Vents, 7/12 Slope	3,368.78	66.93
07 72 38 13-2117	EA	12" x 18" Tombstone Aluminum Dormer Vents, 6/12 Slope	3,583.89	66.93
07 72 38 13-2118	EA	12" x 18" Tombstone Aluminum Dormer Vents, 5/12 Slope	3,799.00	66.93
07 72 38 13-2119	EA	15" x 21" Tombstone Aluminum Dormer Vents, 16/12 Slope	1,659.27	80.01
07 72 38 13-2120	EA	15" x 21" Tombstone Aluminum Dormer Vents, 15/12 Slope	1,874.38	80.01
07 72 38 13-2121	EA	15" x 21" Tombstone Aluminum Dormer Vents, 14/12 Slope	2,118.38	80.01
07 72 38 13-2122	EA	15" x 21" Tombstone Aluminum Dormer Vents, 13/12 Slope	2,301.39	80.01
07 72 38 13-2123	EA	15" x 21" Tombstone Aluminum Dormer Vents, 12/12 Slope	2,519.71	80.01
07 72 38 13-2124	EA	15" x 21" Tombstone Aluminum Dormer Vents, 11/12 Slope	2,731.61	80.01
07 72 38 13-2125	EA	15" x 21" Tombstone Aluminum Dormer Vents, 10/12 Slope	2,946.72	80.01
07 72 38 13-2126	EA	15" x 21" Tombstone Aluminum Dormer Vents, 9/12 Slope	3,161.83	80.01
07 72 38 13-2127	EA	15" x 21" Tombstone Aluminum Dormer Vents, 8/12 Slope	3,376.94	80.01
07 72 38 13-2128	EA	15" x 21" Tombstone Aluminum Dormer Vents, 7/12 Slope	3,588.84	80.01
07 72 38 13-2129	EA	15" x 21" Tombstone Aluminum Dormer Vents, 6/12 Slope	3,803.95	80.01
07 72 38 13-2130	EA	15" x 21" Tombstone Aluminum Dormer Vents, 5/12 Slope	4,019.06	80.01
07 72 38 13-2131	EA	18" x 27" Tombstone Aluminum Dormer Vents, 16/12 Slope	2,020.32	90.02
07 72 38 13-2132	EA	18" x 27" Tombstone Aluminum Dormer Vents, 15/12 Slope	2,235.43	90.02
07 72 38 13-2133	EA	18" x 27" Tombstone Aluminum Dormer Vents, 14/12 Slope	2,479.43	90.02
07 72 38 13-2134	EA	18" x 27" Tombstone Aluminum Dormer Vents, 13/12 Slope	2,662.44	90.02
07 72 38 13-2135	EA	18" x 27" Tombstone Aluminum Dormer Vents, 12/12 Slope	2,880.76	90.02
07 72 38 13-2136	EA	18" x 27" Tombstone Aluminum Dormer Vents, 11/12 Slope	3,092.66	90.02
07 72 38 13-2137	EA	18" x 27" Tombstone Aluminum Dormer Vents, 10/12 Slope	3,307.77	90.02
07 72 38 13-2138	EA	18" x 27" Tombstone Aluminum Dormer Vents, 9/12 Slope	3,522.88	90.02
07 72 38 13-2139	EA	18" x 27" Tombstone Aluminum Dormer Vents, 8/12 Slope	3,737.99	90.02
07 72 38 13-2140	EA	18" x 27" Tombstone Aluminum Dormer Vents, 7/12 Slope	3,949.89	90.02
07 72 38 13-2141	EA	18" x 27" Tombstone Aluminum Dormer Vents, 6/12 Slope	4,165.00	90.02
07 72 38 13-2142	EA	18" x 27" Tombstone Aluminum Dormer Vents, 5/12 Slope	4,380.11	90.02
07 72 38 13-2143	EA	24" x 36" Tombstone Aluminum Dormer Vents, 16/12 Slope	2,803.53	102.33
07 72 38 13-2144	EA	24" x 36" Tombstone Aluminum Dormer Vents, 15/12 Slope	3,018.64	102.33
07 72 38 13-2145	EA	24" x 36" Tombstone Aluminum Dormer Vents, 14/12 Slope	3,262.64	102.33
07 72 38 13-2146	EA	24" x 36" Tombstone Aluminum Dormer Vents, 13/12 Slope	3,445.65	102.33
07 72 38 13-2147	EA	24" x 36" Tombstone Aluminum Dormer Vents, 12/12 Slope	3,663.97	102.33
07 72 38 13-2148	EA	24" x 36" Tombstone Aluminum Dormer Vents, 11/12 Slope	3,875.87	102.33
07 72 38 13-2149	EA	24" x 36" Tombstone Aluminum Dormer Vents, 10/12 Slope	4,090.98	102.33
07 72 38 13-2150	EA	24" x 36" Tombstone Aluminum Dormer Vents, 9/12 Slope	4,306.09	102.33
07 72 38 13-2151	EA	24" x 36" Tombstone Aluminum Dormer Vents, 8/12 Slope	4,521.20	102.33
07 72 38 13-2152	EA	24" x 36" Tombstone Aluminum Dormer Vents, 7/12 Slope	4,733.10	102.33
07 72 38 13-2153	EA	24" x 36" Tombstone Aluminum Dormer Vents, 6/12 Slope	4,948.21	102.33
07 72 38 13-2154	EA	24" x 36" Tombstone Aluminum Dormer Vents, 5/12 Slope	5,163.32	102.33
07 72 38 13-2155	EA	30" x 42" Tombstone Aluminum Dormer Vents, 16/12 Slope	3,622.00	113.87

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 38 13-2156	EA	30" x 42" Tombstone Aluminum Dormer Vents, 15/12 Slope	3,837.11	113.87
07 72 38 13-2157	EA	30" x 42" Tombstone Aluminum Dormer Vents, 14/12 Slope	4,081.11	113.87
07 72 38 13-2158	EA	30" x 42" Tombstone Aluminum Dormer Vents, 13/12 Slope	4,264.12	113.87
07 72 38 13-2159	EA	30" x 42" Tombstone Aluminum Dormer Vents, 12/12 Slope	4,482.44	113.87
07 72 38 13-2160	EA	30" x 42" Tombstone Aluminum Dormer Vents, 11/12 Slope	4,694.34	113.87
07 72 38 13-2161	EA	30" x 42" Tombstone Aluminum Dormer Vents, 10/12 Slope	4,909.45	113.87
07 72 38 13-2162	EA	30" x 42" Tombstone Aluminum Dormer Vents, 9/12 Slope	5,124.56	113.87
07 72 38 13-2163	EA	30" x 42" Tombstone Aluminum Dormer Vents, 8/12 Slope	5,339.67	113.87
07 72 38 13-2164	EA	30" x 42" Tombstone Aluminum Dormer Vents, 7/12 Slope	5,551.57	113.87
07 72 38 13-2165	EA	30" x 42" Tombstone Aluminum Dormer Vents, 6/12 Slope	5,766.68	113.87
07 72 38 13-2166	EA	30" x 42" Tombstone Aluminum Dormer Vents, 5/12 Slope	5,981.79	113.87
07 72 38 13-2167	EA	36" x 48" Tombstone Aluminum Dormer Vents, 16/12 Slope	4,568.61	113.87
07 72 38 13-2168	EA	36" x 48" Tombstone Aluminum Dormer Vents, 15/12 Slope	4,798.88	123.87
07 72 38 13-2169	EA	36" x 48" Tombstone Aluminum Dormer Vents, 14/12 Slope	5,042.89	123.87
07 72 38 13-2170	EA	36" x 48" Tombstone Aluminum Dormer Vents, 13/12 Slope	5,225.89	123.87
07 72 38 13-2171	EA	36" x 48" Tombstone Aluminum Dormer Vents, 12/12 Slope	5,444.21	123.87
07 72 38 13-2172	EA	36" x 48" Tombstone Aluminum Dormer Vents, 11/12 Slope	5,656.11	123.87
07 72 38 13-2173	EA	36" x 48" Tombstone Aluminum Dormer Vents, 10/12 Slope	5,871.22	123.87
07 72 38 13-2174	EA	36" x 48" Tombstone Aluminum Dormer Vents, 9/12 Slope	6,086.33	123.87
07 72 38 13-2175	EA	36" x 48" Tombstone Aluminum Dormer Vents, 8/12 Slope	6,301.44	123.87
07 72 38 13-2176	EA	36" x 48" Tombstone Aluminum Dormer Vents, 7/12 Slope	6,513.34	123.87
07 72 38 13-2177	EA	36" x 48" Tombstone Aluminum Dormer Vents, 6/12 Slope	6,728.45	123.87
07 72 38 13-2178	EA	36" x 48" Tombstone Aluminum Dormer Vents, 5/12 Slope	6,943.56	123.87

07 72 38 13-2179 Arched Top Aluminum Roof Dormer Vent *(07 72 38 13-1814)*

07 72 38 13-2180	EA	12" x 15" Arched Top Aluminum Dormer Vents, 16/12 Slope	1,371.63	66.93
07 72 38 13-2181	EA	12" x 15" Arched Top Aluminum Dormer Vents, 15/12 Slope	1,568.63	66.93
07 72 38 13-2182	EA	12" x 15" Arched Top Aluminum Dormer Vents, 14/12 Slope	1,765.63	66.93
07 72 38 13-2183	EA	12" x 15" Arched Top Aluminum Dormer Vents, 13/12 Slope	1,962.64	66.93
07 72 38 13-2184	EA	12" x 15" Arched Top Aluminum Dormer Vents, 12/12 Slope	2,159.64	66.93
07 72 38 13-2185	EA	12" x 15" Arched Top Aluminum Dormer Vents, 11/12 Slope	2,356.64	66.93
07 72 38 13-2186	EA	12" x 15" Arched Top Aluminum Dormer Vents, 10/12 Slope	2,553.64	66.93
07 72 38 13-2187	EA	12" x 15" Arched Top Aluminum Dormer Vents, 9/12 Slope	2,750.65	66.93
07 72 38 13-2188	EA	12" x 15" Arched Top Aluminum Dormer Vents, 8/12 Slope	2,947.65	66.93
07 72 38 13-2189	EA	12" x 15" Arched Top Aluminum Dormer Vents, 7/12 Slope	3,144.65	66.93
07 72 38 13-2190	EA	12" x 15" Arched Top Aluminum Dormer Vents, 6/12 Slope	3,341.65	66.93
07 72 38 13-2191	EA	12" x 15" Arched Top Aluminum Dormer Vents, 5/12 Slope	3,538.66	66.93
07 72 38 13-2192	EA	15" x 18.75" Arched Top Aluminum Dormer Vents, 16/12 Slope	1,602.73	80.01
07 72 38 13-2193	EA	15" x 18.75" Arched Top Aluminum Dormer Vents, 15/12 Slope	1,799.73	80.01
07 72 38 13-2194	EA	15" x 18.75" Arched Top Aluminum Dormer Vents, 14/12 Slope	1,996.73	80.01
07 72 38 13-2195	EA	15" x 18.75" Arched Top Aluminum Dormer Vents, 13/12 Slope	2,193.74	80.01
07 72 38 13-2196	EA	15" x 18.75" Arched Top Aluminum Dormer Vents, 12/12 Slope	2,390.74	80.01
07 72 38 13-2197	EA	15" x 18.75" Arched Top Aluminum Dormer Vents, 11/12 Slope	2,587.74	80.01
07 72 38 13-2198	EA	15" x 18.75" Arched Top Aluminum Dormer Vents, 10/12 Slope	2,784.74	80.01
07 72 38 13-2199	EA	15" x 18.75" Arched Top Aluminum Dormer Vents, 9/12 Slope	2,981.75	80.01
07 72 38 13-2200	EA	15" x 18.75" Arched Top Aluminum Dormer Vents, 8/12 Slope	3,178.75	80.01
07 72 38 13-2201	EA	15" x 18.75" Arched Top Aluminum Dormer Vents, 7/12 Slope	3,375.75	80.01
07 72 38 13-2202	EA	15" x 18.75" Arched Top Aluminum Dormer Vents, 6/12 Slope	3,572.75	80.01
07 72 38 13-2203	EA	15" x 18.75" Arched Top Aluminum Dormer Vents, 5/12 Slope	3,769.76	80.01
07 72 38 13-2204	EA	18" x 22.5" Arched Top Aluminum Dormer Vents, 16/12 Slope	1,876.16	90.02
07 72 38 13-2205	EA	18" x 22.5" Arched Top Aluminum Dormer Vents, 15/12 Slope	2,073.16	90.02
07 72 38 13-2206	EA	18" x 22.5" Arched Top Aluminum Dormer Vents, 14/12 Slope	2,270.16	90.02
07 72 38 13-2207	EA	18" x 22.5" Arched Top Aluminum Dormer Vents, 13/12 Slope	2,467.17	90.02
07 72 38 13-2208	EA	18" x 22.5" Arched Top Aluminum Dormer Vents, 12/12 Slope	2,664.17	90.02
07 72 38 13-2209	EA	18" x 22.5" Arched Top Aluminum Dormer Vents, 11/12 Slope	2,861.17	90.02
07 72 38 13-2210	EA	18" x 22.5" Arched Top Aluminum Dormer Vents, 10/12 Slope	3,058.17	90.02
07 72 38 13-2211	EA	18" x 22.5" Arched Top Aluminum Dormer Vents, 9/12 Slope	1,800.12	89.76
07 72 38 13-2212	EA	18" x 22.5" Arched Top Aluminum Dormer Vents, 8/12 Slope	1,905.21	89.76
07 72 38 13-2213	EA	18" x 22.5" Arched Top Aluminum Dormer Vents, 7/12 Slope	2,010.30	89.76
07 72 38 13-2214	EA	18" x 22.5" Arched Top Aluminum Dormer Vents, 6/12 Slope	2,115.39	89.76
07 72 38 13-2215	EA	18" x 22.5" Arched Top Aluminum Dormer Vents, 5/12 Slope	2,220.48	89.76
07 72 38 13-2216	EA	24" x 30" Arched Top Aluminum Dormer Vents, 16/12 Slope	1,433.79	102.59
07 72 38 13-2217	EA	24" x 30" Arched Top Aluminum Dormer Vents, 15/12 Slope	1,538.88	102.59
07 72 38 13-2218	EA	24" x 30" Arched Top Aluminum Dormer Vents, 14/12 Slope	1,643.98	102.59
07 72 38 13-2219	EA	24" x 30" Arched Top Aluminum Dormer Vents, 13/12 Slope	1,749.07	102.59
07 72 38 13-2220	EA	24" x 30" Arched Top Aluminum Dormer Vents, 12/12 Slope	1,854.16	102.59
07 72 38 13-2221	EA	24" x 30" Arched Top Aluminum Dormer Vents, 11/12 Slope	1,959.25	102.59
07 72 38 13-2222	EA	24" x 30" Arched Top Aluminum Dormer Vents, 10/12 Slope	2,064.34	102.59
07 72 38 13-2223	EA	24" x 30" Arched Top Aluminum Dormer Vents, 9/12 Slope	2,169.43	102.59
07 72 38 13-2224	EA	24" x 30" Arched Top Aluminum Dormer Vents, 8/12 Slope	2,274.52	102.59
07 72 38 13-2225	EA	24" x 30" Arched Top Aluminum Dormer Vents, 7/12 Slope	2,379.61	102.59
07 72 38 13-2226	EA	24" x 30" Arched Top Aluminum Dormer Vents, 6/12 Slope	2,484.71	102.59
07 72 38 13-2227	EA	24" x 30" Arched Top Aluminum Dormer Vents, 5/12 Slope	2,589.80	102.59
07 72 38 13-2228	EA	30" x 37.5" Arched Top Aluminum Dormer Vents, 16/12 Slope	1,902.15	114.25
07 72 38 13-2229	EA	30" x 37.5" Arched Top Aluminum Dormer Vents, 15/12 Slope	2,007.24	114.25
07 72 38 13-2230	EA	30" x 37.5" Arched Top Aluminum Dormer Vents, 14/12 Slope	2,112.33	114.25
07 72 38 13-2231	EA	30" x 37.5" Arched Top Aluminum Dormer Vents, 13/12 Slope	2,217.43	114.25
07 72 38 13-2232	EA	30" x 37.5" Arched Top Aluminum Dormer Vents, 12/12 Slope	2,322.52	114.25
07 72 38 13-2233	EA	30" x 37.5" Arched Top Aluminum Dormer Vents, 11/12 Slope	2,427.61	114.25
07 72 38 13-2234	EA	30" x 37.5" Arched Top Aluminum Dormer Vents, 10/12 Slope	2,532.70	114.25

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 38 13-2235	EA	30" x 37.5" Arched Top Aluminum Dormer Vents, 9/12 Slope	2,637.79	114.25
07 72 38 13-2236	EA	30" x 37.5" Arched Top Aluminum Dormer Vents, 8/12 Slope	2,742.88	114.25
07 72 38 13-2237	EA	30" x 37.5" Arched Top Aluminum Dormer Vents, 7/12 Slope	2,847.97	114.25
07 72 38 13-2238	EA	30" x 37.5" Arched Top Aluminum Dormer Vents, 6/12 Slope	2,953.06	114.25
07 72 38 13-2239	EA	30" x 37.5" Arched Top Aluminum Dormer Vents, 5/12 Slope	3,058.16	114.25
07 72 38 13-2240	EA	36" x 45" Arched Top Aluminum Dormer Vents, 16/12 Slope	2,453.21	114.25
07 72 38 13-2241	EA	36" x 45" Arched Top Aluminum Dormer Vents, 15/12 Slope	2,573.46	123.57
07 72 38 13-2242	EA	36" x 45" Arched Top Aluminum Dormer Vents, 14/12 Slope	2,678.56	123.57
07 72 38 13-2243	EA	36" x 45" Arched Top Aluminum Dormer Vents, 13/12 Slope	2,783.65	123.57
07 72 38 13-2244	EA	36" x 45" Arched Top Aluminum Dormer Vents, 12/12 Slope	2,888.74	123.57
07 72 38 13-2245	EA	36" x 45" Arched Top Aluminum Dormer Vents, 11/12 Slope	2,993.83	123.57
07 72 38 13-2246	EA	36" x 45" Arched Top Aluminum Dormer Vents, 10/12 Slope	3,098.92	123.57
07 72 38 13-2247	EA	36" x 45" Arched Top Aluminum Dormer Vents, 9/12 Slope	3,204.01	123.57
07 72 38 13-2248	EA	36" x 45" Arched Top Aluminum Dormer Vents, 8/12 Slope	3,309.10	123.57
07 72 38 13-2249	EA	36" x 45" Arched Top Aluminum Dormer Vents, 7/12 Slope	3,414.19	123.57
07 72 38 13-2250	EA	36" x 45" Arched Top Aluminum Dormer Vents, 6/12 Slope	3,519.29	123.57
07 72 38 13-2251	EA	36" x 45" Arched Top Aluminum Dormer Vents, 5/12 Slope	3,624.38	123.57
07 72 38 13-2252		**Hipped Roof Aluminum Roof Dormer Vent** *(07 72 38 13-1814)*		
07 72 38 13-2253	EA	12" x 18" Hipped Roof Aluminum Dormer Vents, 16/12 Slope	603.12	66.93
07 72 38 13-2254	EA	12" x 18" Hipped Roof Aluminum Dormer Vents, 15/12 Slope	692.64	66.93
07 72 38 13-2255	EA	12" x 18" Hipped Roof Aluminum Dormer Vents, 14/12 Slope	782.17	66.93
07 72 38 13-2256	EA	12" x 18" Hipped Roof Aluminum Dormer Vents, 13/12 Slope	871.69	66.93
07 72 38 13-2257	EA	12" x 18" Hipped Roof Aluminum Dormer Vents, 12/12 Slope	961.21	66.93
07 72 38 13-2258	EA	12" x 18" Hipped Roof Aluminum Dormer Vents, 11/12 Slope	1,050.74	66.93
07 72 38 13-2259	EA	12" x 18" Hipped Roof Aluminum Dormer Vents, 10/12 Slope	1,140.26	66.93
07 72 38 13-2260	EA	12" x 18" Hipped Roof Aluminum Dormer Vents, 9/12 Slope	1,229.78	66.93
07 72 38 13-2261	EA	12" x 18" Hipped Roof Aluminum Dormer Vents, 8/12 Slope	1,319.30	66.93
07 72 38 13-2262	EA	12" x 18" Hipped Roof Aluminum Dormer Vents, 7/12 Slope	1,408.83	66.93
07 72 38 13-2263	EA	12" x 18" Hipped Roof Aluminum Dormer Vents, 6/12 Slope	1,498.35	66.93
07 72 38 13-2264	EA	12" x 18" Hipped Roof Aluminum Dormer Vents, 5/12 Slope	1,587.87	66.93
07 72 38 13-2265	EA	15" x 21" Hipped Roof Aluminum Dormer Vents, 16/12 Slope	721.27	80.01
07 72 38 13-2266	EA	15" x 21" Hipped Roof Aluminum Dormer Vents, 15/12 Slope	810.80	80.01
07 72 38 13-2267	EA	15" x 21" Hipped Roof Aluminum Dormer Vents, 14/12 Slope	900.32	80.01
07 72 38 13-2268	EA	15" x 21" Hipped Roof Aluminum Dormer Vents, 13/12 Slope	989.84	80.01
07 72 38 13-2269	EA	15" x 21" Hipped Roof Aluminum Dormer Vents, 12/12 Slope	1,079.37	80.01
07 72 38 13-2270	EA	15" x 21" Hipped Roof Aluminum Dormer Vents, 11/12 Slope	1,168.89	80.01
07 72 38 13-2271	EA	15" x 21" Hipped Roof Aluminum Dormer Vents, 10/12 Slope	1,258.41	80.01
07 72 38 13-2272	EA	15" x 21" Hipped Roof Aluminum Dormer Vents, 9/12 Slope	1,347.93	80.01
07 72 38 13-2273	EA	15" x 21" Hipped Roof Aluminum Dormer Vents, 8/12 Slope	1,437.46	80.01
07 72 38 13-2274	EA	15" x 21" Hipped Roof Aluminum Dormer Vents, 7/12 Slope	1,526.98	80.01
07 72 38 13-2275	EA	15" x 21" Hipped Roof Aluminum Dormer Vents, 6/12 Slope	1,616.50	80.01
07 72 38 13-2276	EA	15" x 21" Hipped Roof Aluminum Dormer Vents, 5/12 Slope	1,706.03	80.01
07 72 38 13-2277	EA	18" x 27" Hipped Roof Aluminum Dormer Vents, 16/12 Slope	906.31	90.02
07 72 38 13-2278	EA	18" x 27" Hipped Roof Aluminum Dormer Vents, 15/12 Slope	995.83	90.02
07 72 38 13-2279	EA	18" x 27" Hipped Roof Aluminum Dormer Vents, 14/12 Slope	1,085.36	90.02
07 72 38 13-2280	EA	18" x 27" Hipped Roof Aluminum Dormer Vents, 13/12 Slope	1,174.88	90.02
07 72 38 13-2281	EA	18" x 27" Hipped Roof Aluminum Dormer Vents, 12/12 Slope	1,264.40	90.02
07 72 38 13-2282	EA	18" x 27" Hipped Roof Aluminum Dormer Vents, 11/12 Slope	1,353.92	90.02
07 72 38 13-2283	EA	18" x 27" Hipped Roof Aluminum Dormer Vents, 10/12 Slope	1,443.45	90.02
07 72 38 13-2284	EA	18" x 27" Hipped Roof Aluminum Dormer Vents, 9/12 Slope	1,532.97	90.02
07 72 38 13-2285	EA	18" x 27" Hipped Roof Aluminum Dormer Vents, 8/12 Slope	1,622.49	90.02
07 72 38 13-2286	EA	18" x 27" Hipped Roof Aluminum Dormer Vents, 7/12 Slope	1,712.02	90.02
07 72 38 13-2287	EA	18" x 27" Hipped Roof Aluminum Dormer Vents, 6/12 Slope	1,801.54	90.02
07 72 38 13-2288	EA	18" x 27" Hipped Roof Aluminum Dormer Vents, 5/12 Slope	1,891.06	90.02
07 72 38 13-2289	EA	24" x 36" Hipped Roof Aluminum Dormer Vents, 16/12 Slope	1,300.44	102.33
07 72 38 13-2290	EA	24" x 36" Hipped Roof Aluminum Dormer Vents, 15/12 Slope	1,389.97	102.33
07 72 38 13-2291	EA	24" x 36" Hipped Roof Aluminum Dormer Vents, 14/12 Slope	1,479.49	102.33
07 72 38 13-2292	EA	24" x 36" Hipped Roof Aluminum Dormer Vents, 13/12 Slope	1,569.01	102.33
07 72 38 13-2293	EA	24" x 36" Hipped Roof Aluminum Dormer Vents, 12/12 Slope	1,658.53	102.33
07 72 38 13-2294	EA	24" x 36" Hipped Roof Aluminum Dormer Vents, 11/12 Slope	1,748.06	102.33
07 72 38 13-2295	EA	24" x 36" Hipped Roof Aluminum Dormer Vents, 10/12 Slope	1,837.58	102.33
07 72 38 13-2296	EA	24" x 36" Hipped Roof Aluminum Dormer Vents, 9/12 Slope	1,927.10	102.33
07 72 38 13-2297	EA	24" x 36" Hipped Roof Aluminum Dormer Vents, 8/12 Slope	2,016.62	102.33
07 72 38 13-2298	EA	24" x 36" Hipped Roof Aluminum Dormer Vents, 7/12 Slope	2,106.15	102.33
07 72 38 13-2299	EA	24" x 36" Hipped Roof Aluminum Dormer Vents, 6/12 Slope	2,195.67	102.33
07 72 38 13-2300	EA	24" x 36" Hipped Roof Aluminum Dormer Vents, 5/12 Slope	2,285.19	102.33
07 72 38 13-2301	EA	30" x 42" Hipped Roof Aluminum Dormer Vents, 16/12 Slope	1,711.31	113.87
07 72 38 13-2302	EA	30" x 42" Hipped Roof Aluminum Dormer Vents, 15/12 Slope	1,800.83	113.87
07 72 38 13-2303	EA	30" x 42" Hipped Roof Aluminum Dormer Vents, 14/12 Slope	1,890.35	113.87
07 72 38 13-2304	EA	30" x 42" Hipped Roof Aluminum Dormer Vents, 13/12 Slope	1,979.87	113.87
07 72 38 13-2305	EA	30" x 42" Hipped Roof Aluminum Dormer Vents, 12/12 Slope	2,069.40	113.87
07 72 38 13-2306	EA	30" x 42" Hipped Roof Aluminum Dormer Vents, 11/12 Slope	2,158.92	113.87
07 72 38 13-2307	EA	30" x 42" Hipped Roof Aluminum Dormer Vents, 10/12 Slope	2,248.44	113.87
07 72 38 13-2308	EA	30" x 42" Hipped Roof Aluminum Dormer Vents, 9/12 Slope	2,337.97	113.87
07 72 38 13-2309	EA	30" x 42" Hipped Roof Aluminum Dormer Vents, 8/12 Slope	2,427.49	113.87
07 72 38 13-2310	EA	30" x 42" Hipped Roof Aluminum Dormer Vents, 7/12 Slope	2,517.01	113.87
07 72 38 13-2311	EA	30" x 42" Hipped Roof Aluminum Dormer Vents, 6/12 Slope	2,606.53	113.87
07 72 38 13-2312	EA	30" x 42" Hipped Roof Aluminum Dormer Vents, 5/12 Slope	2,696.06	113.87
07 72 38 13-2313	EA	36" x 48" Hipped Roof Aluminum Dormer Vents, 16/12 Slope	2,176.20	113.87

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 38 13-2314	EA	36" x 48" Hipped Roof Aluminum Dormer Vents, 15/12 Slope	2,280.88	123.87
07 72 38 13-2315	EA	36" x 48" Hipped Roof Aluminum Dormer Vents, 14/12 Slope	2,370.41	123.87
07 72 38 13-2316	EA	36" x 48" Hipped Roof Aluminum Dormer Vents, 13/12 Slope	2,459.93	123.87
07 72 38 13-2317	EA	36" x 48" Hipped Roof Aluminum Dormer Vents, 12/12 Slope	2,549.45	123.87
07 72 38 13-2318	EA	36" x 48" Hipped Roof Aluminum Dormer Vents, 11/12 Slope	2,638.97	123.87
07 72 38 13-2319	EA	36" x 48" Hipped Roof Aluminum Dormer Vents, 10/12 Slope	2,728.50	123.87
07 72 38 13-2320	EA	36" x 48" Hipped Roof Aluminum Dormer Vents, 9/12 Slope	2,818.02	123.87
07 72 38 13-2321	EA	36" x 48" Hipped Roof Aluminum Dormer Vents, 8/12 Slope	2,907.54	123.87
07 72 38 13-2322	EA	36" x 48" Hipped Roof Aluminum Dormer Vents, 7/12 Slope	2,997.07	123.87
07 72 38 13-2323	EA	36" x 48" Hipped Roof Aluminum Dormer Vents, 6/12 Slope	3,086.59	123.87
07 72 38 13-2324	EA	36" x 48" Hipped Roof Aluminum Dormer Vents, 5/12 Slope	3,176.11	123.87

07 72 46 Roof Walkways *(07 72)*

07 72 46 00-0001 Recycled Rubber Walkway Pads *(07 72 46)*

07 72 46 00-0002	SF	3/8" Thick, Button Surface, Recycled Rubber Walkway Pad	11.96	2.66
		For Diamond Surface, Add	*1.13*	
07 72 46 00-0003	SF	1/2" Thick, Button Surface, Recycled Rubber Walkway Pad	13.36	3.19
		For Diamond Surface, Add	*1.32*	
07 72 46 00-0004	SF	3/4" Thick, Button Surface, Recycled Rubber Walkway Pad	14.76	3.19
		For Diamond Surface, Add	*1.47*	

07 72 53 Snow Guards *(07 72)*

07 72 53 00-0001 Snow Guards For Shingle And Tile Roofs *(07 72 53)*

07 72 53 00-0002	EA	6-5/8" Length, 1-1/2" Width, Copper Snow Guards For Shingle And Tile Roofs	24.12	2.71
07 72 53 00-0003	EA	6-5/8" Length, 1-1/2" Width, Lead Coated Copper Snow Guards For Shingle And Tile Roofs	26.47	2.71
07 72 53 00-0004	EA	6-5/8" Length, 1-1/2" Width, Stainless Steel Snow Guards For Shingle And Tile Roofs	24.92	2.71
07 72 53 00-0005	EA	6-5/8" Length, 1-1/2" Width, Aluminum Snow Guards For Shingle And Tile Roofs	14.05	2.71

07 72 53 00-0006 Snow Guards For Metal Roofs *(07 72 53)*

Note: Aluminum construction.

07 72 53 00-0007	EA	Mill Finish, Up To 9/32" Seams, Standing Seam Metal Roof Snow Guard (Berger Real Tool® RT 300)	29.63	4.16
07 72 53 00-0008	EA	Black Primer Finish, Up To 9/32" Seams, Standing Seam Metal Roof Snow Guard (Berger Real Tool® RT 300)	33.39	4.16
07 72 53 00-0009	EA	Bronze Finish, Up To 9/32" Seams, Standing Seam Metal Roof Snow Guard (Berger Real Tool® RT 300)	51.15	4.16
07 72 53 00-0010	EA	Painted Finish, Up To 9/32" Seams, Standing Seam Metal Roof Snow Guard (Berger Real Tool® RT 300)	50.35	4.16
07 72 53 00-0011	EA	Mill Finish, Up To 1/2" Seams, Standing Seam Metal Roof Snow Guard (Berger Real Tool® AP 516)	46.41	4.86
07 72 53 00-0012	EA	Black Primer Finish, Up To 1/2" Seams, Standing Seam Metal Roof Snow Guard (Berger Real Tool® AP 516)	51.13	4.86
07 72 53 00-0013	EA	Painted Finish, Up To 1/2" Seams, Standing Seam Metal Roof Snow Guard (Berger Real Tool® AP 516)	65.01	4.86
07 72 53 00-0014	EA	Mill Finish, Adhesive Surface Mount, Metal Roof Snow Guard (Berger Real Tool® SM)	25.89	3.64
		For Mechanically Fastened, Add	*7.29*	
07 72 53 00-0015	EA	Black Primer Finish, Adhesive Surface Mount, Metal Roof Snow Guard (Berger Real Tool® SM)	29.79	3.64
		For Mechanically Fastened, Add	*7.29*	
07 72 53 00-0016	EA	Painted Finish, Adhesive Surface Mount, Metal Roof Snow Guard (Berger Real Tool® SM)	43.04	3.64
		For Mechanically Fastened, Add	*7.29*	
07 72 53 00-0017	EA	Polycarbonate, Adhesive Surface Mount, Metal Roof Snow Guard (Zaleski #15) Note: Can be used for metal, rubber, PVC, TPO or glass roofing.	12.59	3.64
		For Mechanically Fastened, Add	*9.71*	

07 72 53 00-0018 Pipe Style, Snow Guards For Metal Roofs *(07 72 53)*

07 72 53 00-0019 Pipe Style, Standing Seam Metal Roof Snow Guard Clamps *(07 72 53 00-0018)*

Note: Aluminum construction. Includes clamp for attaching to standing seam. Excludes tubing.

07 72 53 00-0020	EA	Single Tube, "U" Clamp, Pipe Style, Standing Seam Metal Roof Snow Guard Clamp (Alpine SnowGuards® 2000)	64.99	14.57
07 72 53 00-0021	EA	Single Tube, "T2 or Z2K" Clamp, Pipe Style, Standing Seam Metal Roof Snow Guard Clamp (Alpine SnowGuards® 2000)	78.81	14.57
07 72 53 00-0022	EA	Double Tube, "U" Clamp, Pipe Style, Standing Seam Metal Roof Snow Guard Clamp (Alpine SnowGuards® 4000)	89.83	14.57
07 72 53 00-0023	EA	Double Tube, "T2K or Z2K" Clamp, Pipe Style, Standing Seam Metal Roof Snow Guard Clamp (Alpine SnowGuards® 4000)	113.56	14.57
07 72 53 00-0024	EA	Triple Tube, "U" Clamp, Pipe Style, Standing Seam Metal Roof Snow Guard Clamp (Alpine SnowGuards® 6000)	115.80	17.49

07 72 53 00-0025 Tubing For Snow Guard Clamps *(07 72 53 00-0018)*

07 72 53 00-0026	LF	1" Outside Diameter Aluminum Tubing For Snow Guard Clamps (Alpine SnowGuards®) Note: Includes end caps, collars and couplings.	13.18	3.49
07 72 53 00-0027	LF	1" Outside Diameter Brass Or Stainless Steel Tubing For Snow Guard Clamps (Alpine SnowGuards®) Note: Includes end caps, collars and couplings.	27.83	3.49

07 72 56 Snow/Ice Melt Cable *(07 72)*

07 72 56 00-0001 Self Regulating Heating Cable For Roofs And Gutters *(07 72 56)*

07 72 56 00-0002	LF	12 Watt, 120 Volt, Self Regulating Low Temperature Cable For Roofs And Gutters Note: Nickel-coated copper braided cable with weatherproof jacket.	16.96	1.16
07 72 56 00-0003	LF	12 Watt, 208/277 Volt Self Regulating Low Temperature Cable For Roofs And Gutters Note: Nickel-coated copper braided cable with weatherproof jacket.	18.25	1.16
07 72 56 00-0004	EA	Power Connection, End Seal And Warning Labels Kit For Self Regulating Heating Cable For Roofs And Gutters	248.11	87.08
07 72 56 00-0005	EA	Splice Kit For Self Regulating Heating Cable For Roofs And Gutters	189.93	63.86

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 56 00-0006	EA	Edge Of Roof Cable Clips For Self Regulating Heating Cable For Roofs And Gutters	9.20	3.48
		For >5, Deduct	*-0.70*	
07 72 56 00-0007	EA	Roof Cable Clips For Self Regulating Heating Cable For Roofs And Gutters	8.64	3.48
		For >5, Deduct	*-0.64*	
07 72 56 00-0008	EA	Downspout Hanger Kit For Self Regulating Heating Cable For Roofs And Gutters	64.73	8.71
07 72 56 00-0009	EA	120 Volt AC, Snow Switch, Automatic Control For Melting Snow	1,066.70	69.66
07 72 56 00-0010	EA	Automatic Gutter Ice Melting Control	1,465.44	87.08

07 72 63 Waste Containment Assemblies *(07 72)*

07 72 63 00-0001 Rooftop Oil And Grease Containment System *(07 72 63)*

07 72 63 00-0002 Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD-E) *(07 72 63 00-0001)*

07 72 63 00-0003	EA	48" Length, 48" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD100-E)	3,055.26	217.89
07 72 63 00-0004	EA	60" Length, 60" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD101-E)	3,423.00	217.89
07 72 63 00-0005	EA	60" Length, 90" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD106-E)	4,212.19	226.61
07 72 63 00-0006	EA	72" Length, 72" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD102-E)	4,191.17	226.61
07 72 63 00-0007	EA	72" Length, 108" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD103-E)	5,491.06	245.13
07 72 63 00-0008	EA	72" Length, 144" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD111-E)	4,266.66	245.13
07 72 63 00-0009	EA	90" Length, 90" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD105-E)	4,749.69	290.45
07 72 63 00-0010	EA	108" Length, 108" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD112-E)	7,016.99	363.12
07 72 63 00-0011	EA	120" Length, 120" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD107-E)	8,740.59	363.12
07 72 63 00-0012	EA	144" Length, 144" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD113-E)	11,105.30	363.12

07 72 63 00-0013 Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD) *(07 72 63 00-0001)*

07 72 63 00-0014	EA	48" Length, 48" Width, 3.5" Height, Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD100)	3,775.08	217.89
07 72 63 00-0015	EA	60" Length, 60" Width, 3.5" Height, Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD101)	4,253.29	217.89
07 72 63 00-0016	EA	60" Length, 90" Width, 3.5" Height, Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD106)	5,268.44	226.61
07 72 63 00-0017	EA	72" Length, 72" Width, 3.5" Height, Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD102)	5,363.05	226.61
07 72 63 00-0018	EA	72" Length, 108" Width, 3.5" Height, Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD103)	7,682.36	245.13
07 72 63 00-0019	EA	72" Length, 144" Width, 3.5" Height, Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD111)	8,433.82	245.13
07 72 63 00-0020	EA	90" Length, 90" Width, 3.5" Height, Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD105)	7,818.55	290.45
07 72 63 00-0021	EA	108" Length, 108" Width, 3.5" Height, Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD112)	8,793.14	363.12
07 72 63 00-0022	EA	120" Length, 120" Width, 3.5" Height, Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD107)	11,036.98	363.12
07 72 63 00-0023	EA	144" Length, 144" Width, 3.5" Height, Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD113)	14,111.10	363.12

07 72 63 00-0024 Replacement Filter Sets For Rooftop Oil And Grease Containment System *(07 72 63)*

Note: Includes removing old filters and installing new filters.

07 72 63 00-0025 Top And Center Replacement Filter Sets For Rooftop Oil And Grease Containment System *(07 72 63 00-0024)*

07 72 63 00-0026 Light Duty, Top And Center Replacement Filter Sets For Rooftop Oil And Grease Containment System *(07 72 63 00-0025)*

07 72 63 00-0027	SET	48" Length, 48" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL100-E)	253.58
07 72 63 00-0028	SET	60" Length, 60" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL101-E)	358.69
07 72 63 00-0029	SET	60" Length, 90" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL106-E)	516.32
07 72 63 00-0030	SET	72" Length, 72" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL102-E)	474.67
07 72 63 00-0031	SET	72" Length, 108" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL103-E)	895.06
07 72 63 00-0032	SET	72" Length, 144" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL111-E)	905.56
07 72 63 00-0033	SET	90" Length, 90" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL105-E)	695.77

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 63 00-0034	SET	108" Length, 108" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL112-E)	905.96	
07 72 63 00-0035	SET	120" Length, 120" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL107-E)	1,331.61	
07 72 63 00-0036	SET	144" Length, 144" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL113-E)	1,757.26	

07 72 63 00-0037 Complete Replacement Filter Sets For Rooftop Oil And Grease Containment System *(07 72 63 00-0024)*

07 72 63 00-0038 Light Duty, Complete Replacement Filter Sets For Rooftop Oil And Grease Containment System *(07 72 63 00-0037)*

07 72 63 00-0039	SET	48" Length, 48" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL100-EC)	532.66	
07 72 63 00-0040	SET	60" Length, 60" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL101-EC)	711.34	
07 72 63 00-0041	SET	60" Length, 90" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL106-EC)	1,037.15	
07 72 63 00-0042	SET	72" Length, 72" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL102-EC)	963.96	
07 72 63 00-0043	SET	72" Length, 108" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL103-EC)	1,862.55	
07 72 63 00-0044	SET	72" Length, 144" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL111-EC)	1,873.05	
07 72 63 00-0045	SET	90" Length, 90" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL105-EC)	1,384.72	
07 72 63 00-0046	SET	108" Length, 108" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL112-EC)	1,873.44	
07 72 63 00-0047	SET	120" Length, 120" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL107-EC)	2,751.00	
07 72 63 00-0048	SET	144" Length, 144" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL113-EC)	3,665.36	

07 72 63 00-0049 Heavy Duty, Complete Replacement Filter Sets For Rooftop Oil And Grease Containment System *(07 72 63 00-0037)*

07 72 63 00-0050	SET	48" Length, 48" Width, 3.5" Height, Heavy Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL100-C)	664.04	
07 72 63 00-0051	SET	60" Length, 60" Width, 3.5" Height, Heavy Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL101-C)	826.95	
07 72 63 00-0052	SET	60" Length, 90" Width, 3.5" Height, Heavy Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL106-C)	1,215.80	
07 72 63 00-0053	SET	72" Length, 72" Width, 3.5" Height, Heavy Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL102-C)	1,147.88	
07 72 63 00-0054	SET	72" Length, 108" Width, 3.5" Height, Heavy Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL103-C)	2,246.15	
07 72 63 00-0055	SET	72" Length, 144" Width, 3.5" Height, Heavy Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL111-C)	2,235.65	
07 72 63 00-0056	SET	90" Length, 90" Width, 3.5" Height, Heavy Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL105-C)	1,626.47	
07 72 63 00-0057	SET	108" Length, 108" Width, 3.5" Height, Heavy Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL112-C)	2,257.04	
07 72 63 00-0058	SET	120" Length, 120" Width, 3.5" Height, Heavy Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL107-C)	3,171.40	
07 72 63 00-0059	SET	144" Length, 144" Width, 3.5" Height, Heavy Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL113-C)	4,416.82	

07 73 Roof Protection Board *(07 70)*

07 73 00 00-0001 Roof Protection Board *(07 73)*

Note: Use these items for specified related installations with systems per CSI section 07 50 00. Items are for single layer of panels attached per FM I-90 requirements.

07 73 00 00-0002 Cold Adhesive Applied, Roof Protection Board (Georgia-Pacific DensDeck®) *(07 73 00 00-0001)*

07 73 00 00-0003	SF	1/4" Thick, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Cold Adhesive Applied (Georgia-Pacific DensDeck®)	3.87	0.55
		For No Adhesive, Deduct	*-0.90*	
07 73 00 00-0004	SF	1/2" Thick, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Cold Adhesive Applied (Georgia-Pacific DensDeck®)	4.37	0.60
		For No Adhesive, Deduct	*-0.92*	
07 73 00 00-0005	SF	5/8" Thick, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Cold Adhesive Applied (Georgia-Pacific DensDeck®)	4.61	0.66
		For No Adhesive, Deduct	*-0.94*	
07 73 00 00-0006	SF	1/4" Thick, Surface Primed, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Cold Adhesive Applied (Georgia-Pacific DensDeck® Prime)	3.93	0.55
		For No Adhesive, Deduct	*-0.90*	
07 73 00 00-0007	SF	1/2" Thick, Surface Primed, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Cold Adhesive Applied (Georgia-Pacific DensDeck® Prime)	4.46	0.60
		For No Adhesive, Deduct	*-0.92*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 73 00 00-0008	SF	5/8" Thick, Surface Primed, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Cold Adhesive Applied (Georgia-Pacific DensDeck® Prime)	4.70	0.66
		For No Adhesive, Deduct	*-0.94*	
07 73 00 00-0009		**Hot-Mopped, Roof Protection Board (Georgia-Pacific DensDeck®)** *(07 73 00 00-0001)*		
07 73 00 00-0010	SF	1/4" Thick, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Hot-Mopped (Georgia-Pacific DensDeck®)	3.67	0.55
07 73 00 00-0011	SF	1/2" Thick, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Hot-Mopped (Georgia-Pacific DensDeck®)	4.20	0.60
07 73 00 00-0012	SF	5/8" Thick, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Hot-Mopped (Georgia-Pacific DensDeck®)	4.46	0.66
07 73 00 00-0013	SF	1/4" Thick, Surface Primed, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Hot-Mopped (Georgia-Pacific DensDeck® Prime)	3.73	0.55
07 73 00 00-0014	SF	1/2" Thick, Surface Primed, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Hot-Mopped (Georgia-Pacific DensDeck® Prime)	4.29	0.60
07 73 00 00-0015	SF	5/8" Thick, Surface Primed, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Hot-Mopped (Georgia-Pacific DensDeck® Prime)	4.55	0.66
07 73 00 00-0016		**Mechanically Fastened, Roof Protection Board (Georgia-Pacific DensDeck®)** *(07 73 00 00-0001)*		
		Note: Mechanically fastened to wood or steel.		
07 73 00 00-0017	SF	1/4" Thick, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Mechanically Fastened (Georgia-Pacific DensDeck®)	3.70	0.55
		For Mechanically Fastened To Concrete, Add	*1.44*	
		For Mechanically Fastened To Gypsum, Add	*1.98*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.75*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.68*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.51*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.12*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.69*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.77*	
07 73 00 00-0018	SF	1/2" Thick, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Mechanically Fastened (Georgia-Pacific DensDeck®)	4.21	0.60
		For Mechanically Fastened To Concrete, Add	*1.44*	
		For Mechanically Fastened To Gypsum, Add	*1.98*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.75*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.76*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.51*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.12*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.77*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.77*	
07 73 00 00-0019	SF	5/8" Thick, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Mechanically Fastened (Georgia-Pacific DensDeck®)	4.45	0.66
		For Mechanically Fastened To Concrete, Add	*1.44*	
		For Mechanically Fastened To Gypsum, Add	*1.98*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.75*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.82*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.51*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.12*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.83*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.77*	
07 73 00 00-0020	SF	1/4" Thick, Surface Primed, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Mechanically Fastened (Georgia-Pacific DensDeck® Prime)	3.76	0.55
		For Mechanically Fastened To Concrete, Add	*1.44*	
		For Mechanically Fastened To Gypsum, Add	*1.98*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.75*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.68*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.51*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.12*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.69*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.77*	
07 73 00 00-0021	SF	1/2" Thick, Surface Primed, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Mechanically Fastened (Georgia-Pacific DensDeck® Prime)	4.30	0.60
		For Mechanically Fastened To Concrete, Add	*1.44*	
		For Mechanically Fastened To Gypsum, Add	*1.98*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.75*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.76*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.51*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.12*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.77*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.77*	
07 73 00 00-0022	SF	5/8" Thick, Surface Primed, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Mechanically Fastened (Georgia-Pacific DensDeck® Prime)	4.53	0.66
		For Mechanically Fastened To Concrete, Add	*1.44*	
		For Mechanically Fastened To Gypsum, Add	*1.98*	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	*0.75*	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	*2.82*	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	*2.51*	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	*1.12*	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	*3.83*	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	*3.77*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

07 76 Roof Pavers *(07 70)*

07 76 16 Roof Decking Pavers *(07 76)*

07 76 16 00-0001 Roof Pavers *(07 76 16)*

Note: For walkway application over roofing system.

07 76 16 00-0002	SF	Up To 100 SF, 2" Concrete Roof Paver	11.63	6.90
		For 1-1/2" Thickness, Deduct	*-1.16*	
		For 2-1/2" Thickness, Add	*1.29*	
		For 3" Thickness, Add	*2.59*	
07 76 16 00-0003	SF	>100 To 200 SF, 2" Concrete Roof Paver	10.43	5.20
		For 1-1/2" Thickness, Deduct	*-1.04*	
		For 2-1/2" Thickness, Add	*1.17*	
		For 3" Thickness, Add	*2.33*	
07 76 16 00-0004	SF	>200 To 400 SF, 2" Concrete Roof Paver	9.75	4.14
		For 1-1/2" Thickness, Deduct	*-0.98*	
		For 2-1/2" Thickness, Add	*1.09*	
		For 3" Thickness, Add	*2.18*	
07 76 16 00-0005	SF	>400 To 1,000 SF, 2" Concrete Roof Paver	9.36	3.62
		For 1-1/2" Thickness, Deduct	*-0.94*	
		For 2-1/2" Thickness, Add	*1.05*	
		For 3" Thickness, Add	*2.09*	
07 76 16 00-0006	SF	>1,000 SF, 2" Concrete Roof Paver	8.85	3.30
		For 1-1/2" Thickness, Deduct	*-0.89*	
		For 2-1/2" Thickness, Add	*0.99*	
		For 3" Thickness, Add	*1.98*	

07 76 16 00-0007 Roof Paver Pedestal *(07 76 16)*

07 76 16 00-0008	EA	2" To 3" High Adjustable Roof Paver Pedestal, 2" Base, 2" Top (Hanover Elevator)	25.19	1.09
07 76 16 00-0009	EA	3" To 4-3/4" High Adjustable Roof Paver Pedestal, 3" Base, 3" Top (Hanover Elevator)	26.28	1.09
07 76 16 00-0010	EA	4-3/4" To 7-3/4" High Adjustable Roof Paver Pedestal, 4" Base, 4" Top (Hanover Elevator)	27.37	1.09
07 76 16 00-0011	EA	Adjustable Roof Paver Pedestal Coupler, Adds 2-1/2" To 4" (Hanover Elevator)	14.12	1.09
07 76 16 00-0012	EA	Stay Bar, Used With Roof Paver Pedestals >16' High (Hanover Elevator)	12.18	1.09
07 76 16 00-0013	EA	5/8" High Tab Roof Paver Pedestal (Hanover High Tab Pedestal) Note: Stackable.	12.49	1.09
07 76 16 00-0014	EA	1/16" And 1/8" Flexible Leveling Plates For Roof Paver Pedestal Note: Used with High Tab and Elevator pedestals.	7.08	1.09
07 76 16 00-0015	EA	Roof Paver Leveling System, Twist To Adjust Pitch (Hanover Compensator) Note: Each Compensator levels 1/8" of slope and are stackable. Used with High Tab and Elevator pedestals.	9.18	1.09

07 76 19 Composite Insulation Concrete Protection Board *(07 76)*

Note: Manufactured by T. Clear Corp. 25 year warranty.

07 76 19 00-0001 Composite Insulation Concrete Protection Board *(07 76 19)*

Note: Manufactured by T. Clear Corp. 25 year warranty.

07 76 19 00-0002	SF	2" Extruded Polystyrene Insulation Board Lightguard Composite With 3/8" Latex Modified Concrete, 4.5 PSF	5.88	
		For 20 Year Warranty, Deduct	*-0.36*	
		For 15 Year Warranty, Deduct	*-0.73*	
		For 10 Year Warranty, Deduct	*-0.99*	
		For Winds >90 MPH To 120 MPH Warranty, Add	*0.10*	
07 76 19 00-0003	SF	3" Extruded Polystyrene Insulation Board Lightguard Composite With 3/8" Latex Modified Concrete, 4.5 PSF	7.72	
		For 20 Year Warranty, Deduct	*-0.52*	
		For 15 Year Warranty, Deduct	*-1.04*	
		For 10 Year Warranty, Deduct	*-1.40*	
		For Winds >90 MPH To 120 MPH Warranty, Add	*0.10*	
07 76 19 00-0004	SF	2" Extruded Polystyrene Insulation Board Heavyguard Composite With 15/16" Latex Modified Concrete, 11 PSF	9.06	
		For 20 Year Warranty, Deduct	*-0.60*	
		For 15 Year Warranty, Deduct	*-1.20*	
		For 10 Year Warranty, Deduct	*-1.63*	
		For Winds >90 MPH To 120 MPH Warranty, Add	*0.10*	
07 76 19 00-0005	SF	3" Extruded Polystyrene Insulation Board Heavyguard Composite With 15/16" Latex Modified Concrete, 11 PSF	10.99	
		For 20 Year Warranty, Deduct	*-0.75*	
		For 15 Year Warranty, Deduct	*-1.51*	
		For 10 Year Warranty, Deduct	*-2.04*	
		For Winds >90 MPH To 120 MPH Warranty, Add	*0.10*	

07 80 Fire and Smoke Protection *(07)*

07 81 Applied Fireproofing *(07 80)*

Note: Includes bonding agents as required.

07 81 16 Cementitious Fireproofing *(07 81)*

07 81 16 00-0001 Monokote Fireproofing *(07 81 16)*

07 81 16 00-0002	SF	Monokote Fireproofing For Ceiling/Decking, Per Inch Of Thickness	2.38	0.83
07 81 16 00-0003	SF	Monokote Fireproofing For Structural Steel, Per Inch Of Thickness	3.31	1.24

07 81 16 00-0004 Gunite Fireproofing *(07 81 16)*

07 81 16 00-0005	SF	1" Thick, Non-Reinforced, Gunite Fireproofing	3.26	0.78
07 81 16 00-0006	SF	1" Thick, Reinforced, Gunite Fireproofing	4.59	0.78

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			MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

07 81 23 Intumescent Fireproofing *(07 81)*

07 81 23 00-0001 Intumescent Thin Film Fireproofing (Albi Clad TF) *(07 81 23)*

07 81 23 00-0002 Intumescent Thin Film Fireproofing For Beams (Albi Clad TF) *(07 81 23 00-0001)*

Note: Excludes primer.

07 81 23 00-0003	SF	1 Hour, Intumescent Thin Film Fireproofing For Beams (Albi Clad TF)		17.58	
		For >10,000, Deduct		*-1.68*	
07 81 23 00-0004	SF	1-1/2 Hour, Intumescent Thin Film Fireproofing For Beams (Albi Clad TF)		28.23	
		For >10,000, Deduct		*-2.74*	

07 81 23 00-0005 Intumescent Thin Film Fireproofing For Wide Flange Columns (Albi Clad TF) *(07 81 23 00-0001)*

Note: Excludes primer.

07 81 23 00-0006	SF	1 Hour, Intumescent Thin Film Fireproofing For Wide Flange Columns (Albi Clad TF)		11.43	
		For >10,000, Deduct		*-1.06*	
07 81 23 00-0007	SF	1-1/2 Hour, Intumescent Thin Film Fireproofing For Wide Flange Columns (Albi Clad TF)		25.30	
		For >10,000, Deduct		*-2.45*	
07 81 23 00-0008	SF	2 Hour, Intumescent Thin Film Fireproofing For Wide Flange Columns (Albi Clad TF)		57.22	
		For >10,000, Deduct		*-5.63*	
07 81 23 00-0009	SF	2-1/2 Hour, Intumescent Thin Film Fireproofing For Wide Flange Columns (Albi Clad TF)		78.75	
		For >10,000, Deduct		*-7.78*	
07 81 23 00-0010	SF	3 Hour, Intumescent Thin Film Fireproofing For Wide Flange Columns (Albi Clad TF)		100.31	
		For >10,000, Deduct		*-9.93*	
07 81 23 00-0011	SF	3-1/2 Hour, Intumescent Thin Film Fireproofing For Wide Flange Columns (Albi Clad TF)		121.88	
		For >10,000, Deduct		*-12.08*	

07 81 23 00-0012 Intumescent Thin Film Fireproofing For Hollow Section Columns (Albi Clad TF) *(07 81 23 00-0001)*

Note: Excludes primer.

07 81 23 00-0013	SF	1 Hour, Intumescent Thin Film Fireproofing For Hollow Section Columns (Albi Clad TF)		23.05	
		For >10,000, Deduct		*-2.23*	
07 81 23 00-0014	SF	1-1/2 Hour, Intumescent Thin Film Fireproofing For Hollow Section Columns (Albi Clad TF)		42.81	
		For >10,000, Deduct		*-4.20*	
07 81 23 00-0015	SF	2 Hour, Intumescent Thin Film Fireproofing For Hollow Section Columns (Albi Clad TF)		67.95	
		For >10,000, Deduct		*-6.70*	
07 81 23 00-0016	SF	2-1/2 Hour, Intumescent Thin Film Fireproofing For Hollow Section Columns (Albi Clad TF)		94.86	
		For >10,000, Deduct		*-9.39*	
07 81 23 00-0017	SF	3 Hour, Intumescent Thin Film Fireproofing For Hollow Section Columns (Albi Clad TF)		120.00	
		For >10,000, Deduct		*-11.90*	

07 81 23 00-0018 Intumescent Thin Film Fireproofing (Albi Clad FP) *(07 81 23)*

07 81 23 00-0019 Intumescent Thin Film Fireproofing For Exposed Wood, Wallboard And Non-Ferrous Substrates (Albi Clad FP) *(07 81 23 00-0018)*

Note: Excludes primer.

07 81 23 00-0020	SF	1 Hour, Intumescent Thin Film Fireproofing For Exposed Wood, Wallboard And Non-Ferrous Substrates (Albi Clad FP)		11.17	
		For >10,000, Deduct		*-1.06*	
07 81 23 00-0021	SF	1-1/2 Hour, Intumescent Thin Film Fireproofing For Exposed Wood, Wallboard And Non-Ferrous Substrates (Albi Clad FP)		25.44	
		For >10,000, Deduct		*-2.49*	
07 81 23 00-0022	SF	2 Hour, Intumescent Thin Film Fireproofing For Exposed Wood, Wallboard And Non-Ferrous Substrates (Albi Clad FP)		58.28	
		For >10,000, Deduct		*-5.76*	
07 81 23 00-0023	SF	2-1/2 Hour, Intumescent Thin Film Fireproofing For Exposed Wood, Wallboard And Non-Ferrous Substrates (Albi Clad FP)		80.43	
		For >10,000, Deduct		*-7.97*	
07 81 23 00-0024	SF	3 Hour, Intumescent Thin Film Fireproofing For Exposed Wood, Wallboard And Non-Ferrous Substrates (Albi Clad FP)		102.59	
		For >10,000, Deduct		*-10.18*	

07 81 33 Mineral-Fiber Fireproofing *(07 81)*

07 81 33 00-0001 Cellulose Fireproofing *(07 81 33)*

07 81 33 00-0002	SF	Cellulose Fireproofing, Per Inch Of Thickness		2.76	0.78

07 84 Firestopping *(07 80)*

07 84 13 Penetration Firestopping *(07 84)*

07 84 13 16 Penetration Firestopping Devices *(07 84 13)*

07 84 13 16-0001 Intumescent Firestopping Pipe Collar *(07 84 13 16)*

07 84 13 16-0002	EA	1-1/2" Intumescent Firestop Pipe Collar (3M ULTRAPPD1.5)		42.14	11.51
07 84 13 16-0003	EA	2" Intumescent Firestop Pipe Collar (3M ULTRAPPD2.0)		51.36	11.51

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 84 13 16-0004	EA	3" Intumescent Firestop Pipe Collar (3M ULTRAPPD3.0)	59.91	12.66
07 84 13 16-0005	EA	4" Intumescent Firestop Pipe Collar (3M ULTRAPPD4.0)	95.02	14.38
07 84 13 16-0006	EA	8" Intumescent Firestop Pipe Collar (Hilti CP644 8")	479.12	17.26
07 84 13 16-0007	EA	10" Intumescent Firestop Pipe Collar (Hilti CP644 10")	619.76	18.98

07 84 16 Annular Space Firestopping Protection *(07 84)*

07 84 16 00-0001 Intumescent Fire Barrier Sheets For Sealing Large Openings *(07 84 16)*

Note: Price includes intumescent sheet, mounting fasteners and caulk for sealing one side of an opening.

07 84 16 00-0002	EA	16" x 28" Intumescent Firestop Sheet (3M CS-195+16x28)	372.57
07 84 16 00-0003	EA	36" x 24" Intumescent Firestop Sheet (3M CS-195+3x2)	526.42
07 84 16 00-0004	EA	36" x 36" Intumescent Firestop Sheet (3M CS-195+3x3)	713.51

07 84 16 00-0005 Intumescent Fire Barrier Pillows For Sealing Large Openings *(07 84 16)*

07 84 16 00-0006	EA	2" x 4" x 9" Intumescent Fire Barrier Pillow (3M FB249)	40.98
07 84 16 00-0007	EA	2" x 6" x 9" Intumescent Fire Barrier Pillow (3M FB269)	43.99
07 84 16 00-0008	EA	3" x 6" x 9" Intumescent Fire Barrier Pillow (3M FB369)	47.69

07 84 16 00-0009 Intumescent Firestopping For Electrical Outlet Boxes *(07 84 16)*

07 84 16 00-0010 Intumescent Putty Pads For Wrapping Outlet Box Exteriors *(07 84 16 00-0009)*

07 84 16 00-0011	EA	1 Gang Outlet Box, Intumescent Firestop Putty Exterior Wrap (3M MPP+)	38.41
07 84 16 00-0012	EA	2 Gang Outlet Box, Intumescent Firestop Putty Exterior Wrap (3M MPP+)	55.43
07 84 16 00-0013	EA	3 Gang Outlet Box, Intumescent Firestop Putty Exterior Wrap (3M MPP+)	57.80
07 84 16 00-0014	EA	4 Gang Outlet Box, Intumescent Firestop Putty Exterior Wrap (3M MPP+)	60.18
07 84 16 00-0015	EA	5 Gang Outlet Box, Intumescent Firestop Putty Exterior Wrap (3M MPP+)	62.56
07 84 16 00-0016	EA	6 Gang Outlet Box, Intumescent Firestop Putty Exterior Wrap (3M MPP+)	79.56

07 84 16 00-0017 Intumescent Firestop Gasket For Wall Plates *(07 84 16 00-0009)*

07 84 16 00-0018	EA	Single Switch Wall Plate, Intumescent Firestop Gasket (RectorSeal 66276)	15.42
07 84 16 00-0019	EA	Double Switch Wall Plate, Intumescent Firestop Gasket (RectorSeal 66274)	16.04
07 84 16 00-0020	EA	Single Receptacle Wall Plate, Intumescent Firestop Gasket (RectorSeal 66272)	14.90
07 84 16 00-0021	EA	Double Receptacle Wall Plate, Intumescent Firestop Gasket (RectorSeal 66270)	16.08
07 84 16 00-0022	EA	Single Decor Wall Plate, Intumescent Firestop Gasket (RectorSeal 66266)	15.62
07 84 16 00-0023	EA	Double Decor Wall Plate, Intumescent Firestop Gasket (RectorSeal 66265)	14.97

07 84 43 Joint Firestopping *(07 84)*

07 84 43 00-0001 Firestopping Materials *(07 84 43)*

07 84 43 00-0002	CI	Endothermic, Latex Compound Sealant, Single-Component	4.77
07 84 43 00-0003	CI	Intumescent, Latex Sealant, Single-Component	4.30
07 84 43 00-0004	CI	Nonhardening, Dielectric, Water-Resistant Intumescent Putty	4.24
07 84 43 00-0005	CI	Silicone Foam, Two-Component, Cures In Place When Mixed	3.09
07 84 43 00-0006	EA	1.5W x 1/4"T x 12"L Intumescent Wrap Strips, Single-Component Note: Red wrap strip elastomeric sheet with aluminum foil on one side.	165.39

07 84 56 Fire Safing *(07 84)*

07 84 56 13 Fibrous Fire Safing *(07 84 56)*

07 84 56 13-0001 Thermal Barrier Wrap *(07 84 56 13)*

Note: Includes cutting wrap to fit pipe or conduit and sealing edges.

07 84 56 13-0002	SF	1/2" Thick Fire Barrier Plenum Wrap (3M Plenum Wrap 5A)	11.28
		For Work In Restricted Working Space, Add	*1.42*
07 84 56 13-0003	SF	1-1/2" Thick Fire Barrier Duct Wrap (3M Duct Wrap 15A) Note: Includes cutting wrap to fit pipe or conduit and sealing edges.	18.33
		For Work In Restricted Working Space, Add	*1.42*
07 84 56 13-0004	SF	2" Thick Fire Barrier Duct Wrap (3M Duct Wrap 20A) Note: Includes cutting wrap to fit pipe or conduit and sealing edges.	20.03
		For Work In Restricted Working Space, Add	*1.42*

07 84 56 13-0005 FireMaster Blanket Wrap Fireproofing *(07 84 56 13)*

07 84 56 13-0006	SF	1/2" Thermal Ceramics FireMaster Blanket Wrap	21.25	12.48
		For Work In Restricted Working Space, Add	*5.01*	
		For >500 To 5,000, Deduct	*-1.88*	
		For >5,000, Deduct	*-3.35*	
07 84 56 13-0007	SF	1" Thermal Ceramics FireMaster Blanket Wrap	25.01	12.48
		For Work In Restricted Working Space, Add	*5.01*	
		For >500 To 5,000, Deduct	*-2.75*	
		For >5,000, Deduct	*-4.74*	
07 84 56 13-0008	SF	1-1/2" Thermal Ceramics FireMaster Blanket Wrap	29.14	12.48
		For Work In Restricted Working Space, Add	*5.01*	
		For >500 To 5,000, Deduct	*-3.70*	
		For >5,000, Deduct	*-6.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 84 56 13-0009	SF	2" Thermal Ceramics FireMaster Blanket Wrap	33.27	12.48
		For Work In Restricted Working Space, Add	*5.01*	
		For >500 To 5,000, Deduct	*-4.65*	
		For >5,000, Deduct	*-7.80*	

07 90 Joint Protection *(07)*

07 91 Preformed Joint Seals *(07 90)*

07 91 23 Backer Rods *(07 91)*

07 91 23 00-0001 Backer Rods *(07 91 23)*

07 91 23 00-0002	LF	1/4" Polyethylene Or Polyurethane Backer Rod	2.05	0.54
07 91 23 00-0003	LF	3/8" Polyethylene Or Polyurethane Backer Rod	2.23	0.54
07 91 23 00-0004	LF	1/2" Polyethylene Or Polyurethane Backer Rod	2.50	0.54
07 91 23 00-0005	LF	5/8" Polyethylene Or Polyurethane Backer Rod	2.99	0.54
07 91 23 00-0006	LF	3/4" Polyethylene Or Polyurethane Backer Rod	3.12	0.65
07 91 23 00-0007	LF	7/8" Polyethylene Or Polyurethane Backer Rod	3.53	0.65
07 91 23 00-0008	LF	1" Polyethylene Or Polyurethane Backer Rod	4.63	0.65
07 91 23 00-0009	LF	1-1/4" Polyethylene Or Polyurethane Backer Rod	5.66	0.75
07 91 23 00-0010	LF	1-1/2" Polyethylene Or Polyurethane Backer Rod	6.81	0.86
07 91 23 00-0011	LF	2" Polyethylene Or Polyurethane Backer Rod	9.58	0.97
07 91 23 00-0012	LF	3" Polyethylene Or Polyurethane Backer Rod	20.58	1.20

07 91 26 Joint Fillers *(07 91)*

07 91 26 00-0001 Butyl Rubber Fillers *(07 91 26)*

07 91 26 00-0002	LF	1/4" x 1/4" Butyl Rubber Filler	2.56	0.65
		For Custom Match Coloring, Add	*0.05*	
07 91 26 00-0003	LF	1/2" x 1/2" Butyl Rubber Filler	7.77	1.84
		For Custom Match Coloring, Add	*0.21*	
07 91 26 00-0004	LF	1/2" x 3/4" Butyl Rubber Filler	9.52	1.95
		For Custom Match Coloring, Add	*0.33*	
07 91 26 00-0005	LF	3/4" x 3/4" Butyl Rubber Filler	10.50	2.06
07 91 26 00-0006	LF	1" x 1" Butyl Rubber Filler	14.39	3.79

07 91 26 00-0007 Closed Cell Neoprene *(07 91 26)*

07 91 26 00-0008	CLF	1/8" x 3" Neoprene Gasket Closed Cell, Adhesive	431.49	124.97
07 91 26 00-0009	CLF	1/8" x 6" Neoprene Gasket Closed Cell, Adhesive	691.48	180.53
07 91 26 00-0010	CLF	1/4" x 3" Neoprene Gasket Closed Cell, Adhesive	552.97	154.75
07 91 26 00-0011	CLF	1/4" x 6" Neoprene Gasket Closed Cell, Adhesive	636.30	162.44
07 91 26 00-0012	CLF	1/2" x 6" Neoprene Gasket Closed Cell, Adhesive	971.06	249.94
07 91 26 00-0013	CLF	1/2" x 9" Neoprene Gasket Closed Cell, Adhesive	1,110.43	270.73
07 91 26 00-0014	CLF	1/2" x 12" Neoprene Gasket Closed Cell, Adhesive	1,002.38	196.88

07 91 26 00-0015 Closed Cell Polyvinyl Chloride *(07 91 26)*

07 91 26 00-0016	CLF	1/8" x 3" Polyethylene Joint Backing, Closed Cell	441.81	154.75
07 91 26 00-0017	CLF	1/8" x 6" Polyethylene Joint Backing, Closed Cell	753.42	249.94
07 91 26 00-0018	CLF	1/4" x 3" Polyethylene Joint Backing, Closed Cell	579.35	213.34
07 91 26 00-0019	CLF	1/4" x 6" Polyethylene Joint Backing, Closed Cell	701.68	225.25
07 91 26 00-0020	CLF	1/2" x 6" Polyethylene Joint Backing, Closed Cell	1,067.98	345.46
07 91 26 00-0021	CLF	1/2" x 9" Polyethylene Joint Backing, Closed Cell	1,253.81	374.91
07 91 26 00-0022	CLF	1/2" x 12" Polyethylene Joint Backing, Closed Cell	1,666.20	449.41

07 91 26 00-0023 Silicon RTV Foam Penetration Seal *(07 91 26)*

07 91 26 00-0024	CLF	1/4" x 1/2" Silicon RTV Foam Seal	153.78	24.80
07 91 26 00-0025	CLF	1/2" x 1/2" Silicon RTV Foam Seal	307.54	49.49
07 91 26 00-0026	CLF	1/2" x 3/4" Silicon RTV Foam Seal	458.53	73.53
07 91 26 00-0027	CLF	3/4" x 3/4" Silicon RTV Foam Seal	650.76	99.09
07 91 26 00-0028	CLF	1/8" x 1" Silicon RTV Foam Seal	153.78	24.80
07 91 26 00-0029	CLF	1/8" x 3" Silicon RTV Foam Seal	458.09	73.32
07 91 26 00-0030	CLF	1/4" x 3" Silicon RTV Foam Seal	794.29	110.13
07 91 26 00-0031	CLF	1/4" x 6" Silicon RTV Foam Seal	1,586.65	219.51
07 91 26 00-0032	CLF	1/2" x 6" Silicon RTV Foam Seal	3,024.12	396.25
07 91 26 00-0033	CLF	1/2" x 9" Silicon RTV Foam Seal	4,615.83	619.00
07 91 26 00-0034	CLF	1/2" x 12" Silicon RTV Foam Seal	6,721.32	990.44

07 91 26 00-0035 Seals O-Ring Type Cord "J-Seal" *(07 91 26)*

07 91 26 00-0036	LF	1/4" Seals O-Ring Cord, J-Seal	4.65	1.41
07 91 26 00-0037	LF	1/2" Seals O-Ring Cord, J-Seal	4.93	1.41
07 91 26 00-0038	LF	3/4" Seals O-Ring Cord, J-Seal	5.18	1.53
07 91 26 00-0039	LF	1" Seals O-Ring Cord, J-Seal	5.46	1.64
07 91 26 00-0040	LF	1-1/4" Seals O-Ring Cord, J-Seal	5.85	1.75
07 91 26 00-0041	LF	1-1/2" Seals O-Ring Cord, J-Seal	6.13	1.75
07 91 26 00-0042	LF	1-3/4" Seals O-Ring Cord, J-Seal	6.47	1.85

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 91 26 00-0043	LF	2" Seals O-Ring Cord, J-Seal	6.68	1.85

07 91 33 Expansion Joint Seal Systems *(07 91)*

07 91 33 00-0001 Expansion Joint Seal Systems (Wabo®) *(07 91 33)*

07 91 33 00-0002 Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal Systems (Wabo® HSeal) *(07 91 33 00-0001)*

Note: Includes a pre-compressed seal, epoxy adhesive and traffic grade elastomeric top coating.

07 91 33 00-0003	LF	1/2" Minimum, 1-1/2" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® HSeal 25EH)	94.21	7.54
07 91 33 00-0004	LF	3/4" Minimum, 2-1/4" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® HSeal 40EH)	126.73	7.90
07 91 33 00-0005	LF	1" Minimum, 3" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® HSeal 50EH)	161.03	8.26
07 91 33 00-0006	LF	1-1/4" Minimum, 3-3/4" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® HSeal 65EH)	199.21	8.62
07 91 33 00-0007	LF	1-1/2" Minimum, 4-1/2" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® HSeal 75EH)	259.15	8.98
07 91 33 00-0008	LF	1-3/4" Minimum, 5-1/4" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® HSeal 90EH)	297.97	9.33
07 91 33 00-0009	LF	2" Minimum, 6" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® HSeal 100EH)	346.16	9.70

07 91 33 00-0010 Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal Systems (Wabo® CompressionSeal) *(07 91 33 00-0001)*

Note: Includes preformed neoprene joint seal and lubricant adhesive.

07 91 33 00-0011	LF	0.625" Minimum, 1.381" Maximum Joint Opening, Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-162)	46.97	7.54
07 91 33 00-0012	LF	0.688" Minimum, 1.488" Maximum Joint Opening, Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-175)	51.46	7.65
07 91 33 00-0013	LF	0.875" Minimum, 1.700" Maximum Joint Opening, Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-200)	62.69	7.76
07 91 33 00-0014	LF	0.953" Minimum, 1.913" Maximum Joint Opening, Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-225)	66.66	7.90
07 91 33 00-0015	LF	1.000" Minimum, 2.125" Maximum Joint Opening, Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-250)	71.36	8.00
07 91 33 00-0016	LF	1.125" Minimum, 2.550" Maximum Joint Opening, Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-300)	88.04	8.12
07 91 33 00-0017	LF	1.375" Minimum, 2.975" Maximum Joint Opening, Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-350)	109.19	8.26
07 91 33 00-0018	LF	1.625" Minimum, 3.400" Maximum Joint Opening, Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-400)	129.53	8.62
07 91 33 00-0019	LF	1.687" Minimum, 4.250" Maximum Joint Opening, Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-500)	146.91	8.98

07 91 33 00-0020 Santoprene®, Preformed Elastomeric Vertical Expansion Joint Seal Systems (Wabo® CompressionSeal) *(07 91 33 00-0001)*

Note: Includes preformed Santoprene® joint seal and lubricant adhesive.

07 91 33 00-0021	LF	0.500" Minimum, 1.500" Maximum Joint Opening, Santoprene®, Preformed Elastomeric Vertical Expansion Joint Seal System (Wabo® CompressionSeal WE-100)	38.92	7.54
07 91 33 00-0022	LF	0.688" Minimum, 1.938" Maximum Joint Opening, Santoprene®, Preformed Elastomeric Vertical Expansion Joint Seal System (Wabo® CompressionSeal WE-225)	51.22	7.90
07 91 33 00-0023	LF	1.063" Minimum, 2.125" Maximum Joint Opening, Santoprene®, Preformed Elastomeric Vertical Expansion Joint Seal System (Wabo® CompressionSeal WE-250)	63.29	8.26
07 91 33 00-0024	LF	1.250" Minimum, 2.563" Maximum Joint Opening, Santoprene®, Preformed Elastomeric Vertical Expansion Joint Seal System (Wabo® CompressionSeal WE-300)	66.93	8.44
07 91 33 00-0025	LF	1.250" Minimum, 3.375" Maximum Joint Opening, Santoprene®, Preformed Elastomeric Vertical Expansion Joint Seal System (Wabo® CompressionSeal WE-400)	74.49	8.62
07 91 33 00-0026	LF	1.438" Minimum, 4.250" Maximum Joint Opening, Santoprene®, Preformed Elastomeric Vertical Expansion Joint Seal System (Wabo® CompressionSeal WE-500)	107.97	8.98
07 91 33 00-0027	LF	1.813" Minimum, 5.125" Maximum Joint Opening, Santoprene®, Preformed Elastomeric Vertical Expansion Joint Seal System (Wabo® CompressionSeal WE-600)	149.40	9.33

07 91 33 00-0028 Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal Systems (Wabo® Seismic WeatherSeal) *(07 91 33 00-0001)*

Note: Includes a pre-compressed foam seal and silicone sealant.

07 91 33 00-0029	LF	1/2" Minimum, 1-1/2" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-100)	35.14	2.99
07 91 33 00-0030	LF	3/4" Minimum, 2-1/4" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-150)	59.31	3.11
07 91 33 00-0031	LF	1" Minimum, 3" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-200)	89.56	3.24
07 91 33 00-0032	LF	1-1/4" Minimum, 3-3/4" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-250)	113.09	3.35
07 91 33 00-0033	LF	1-1/2" Minimum, 4-1/2" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-300)	148.99	3.47

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 91 33 00-0034	LF	1-3/4" Minimum, 5-1/4" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-350)	197.31	3.59
07 91 33 00-0035	LF	2" Minimum, 6" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-400)	242.15	3.71
07 91 33 00-0036	LF	2-1/2" Minimum, 7-1/2" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-500)	326.79	3.83
07 91 33 00-0037	LF	3" Minimum, 9" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-600)	381.63	3.95

07 91 33 00-0038 Silicone Faced Foam, Preformed Elastomeric Expansion Joint Seal Systems (Wabo® WeatherSeal II) *(07 91 33 00-0001)*

Note: Includes a pre-compressed foam seal and silicone sealant.

07 91 33 00-0039	LF	0.75" Minimum, 1.25" Maximum Joint Opening, Silicone Faced Foam, Preformed Elastomeric Expansion Joint Seal System (Wabo® WeatherSeal II WS-100)	34.27	2.99
07 91 33 00-0040	LF	1.13" Minimum, 1.88" Maximum Joint Opening, Silicone Faced Foam, Preformed Elastomeric Expansion Joint Seal System (Wabo® WeatherSeal II WS-150)	45.39	3.11
07 91 33 00-0041	LF	1.50" Minimum, 2.50" Maximum Joint Opening, Silicone Faced Foam, Preformed Elastomeric Expansion Joint Seal System (Wabo® WeatherSeal II WS-200)	61.06	3.24
07 91 33 00-0042	LF	1.88" Minimum, 3.13" Maximum Joint Opening, Silicone Faced Foam, Preformed Elastomeric Expansion Joint Seal System (Wabo® WeatherSeal II WS-250)	83.07	3.35
07 91 33 00-0043	LF	2.25" Minimum, 3.75" Maximum Joint Opening, Silicone Faced Foam, Preformed Elastomeric Expansion Joint Seal System (Wabo® WeatherSeal II WS-300)	94.83	3.47
07 91 33 00-0044	LF	2.63" Minimum, 4.38" Maximum Joint Opening, Silicone Faced Foam, Preformed Elastomeric Expansion Joint Seal System (Wabo® WeatherSeal II WS-350)	131.83	3.59
07 91 33 00-0045	LF	3.00" Minimum, 5.00" Maximum Joint Opening, Silicone Faced Foam, Preformed Elastomeric Expansion Joint Seal System (Wabo® WeatherSeal II WS-400)	177.33	3.71
07 91 33 00-0046	LF	3.75" Minimum, 6.25" Maximum Joint Opening, Silicone Faced Foam, Preformed Elastomeric Expansion Joint Seal System (Wabo® WeatherSeal II WS-500)	191.48	3.83

07 92 Joint Sealants *(07 90)*

07 92 13 Elastomeric Joint Sealants *(07 92)*

07 92 13 00-0001 Silicone Sealant And Caulking *(07 92 13)*

07 92 13 00-0002	CLF	1/4" x 1/4" Joint, Silicone Sealant And Caulking	379.58	107.04
		For Custom Match Coloring, Add	*14.03*	
		For Up To 6 CLF, Add	*20.44*	
		For >30 CLF, Deduct	*-21.90*	
		For 1 Part Mildew Resistant, Add	*20.46*	
		For High-Modulus Non-Acid Curing, Add	*11.69*	
07 92 13 00-0003	CLF	1/4" x 3/8" Joint, Silicone Sealant And Caulking	408.81	107.04
		For Custom Match Coloring, Add	*21.05*	
		For Up To 4 CLF, Add	*22.63*	
		For >20 CLF, Deduct	*-24.83*	
		For 1 Part Mildew Resistant, Add	*30.70*	
		For High-Modulus Non-Acid Curing, Add	*17.54*	
07 92 13 00-0004	CLF	1/4" x 1/2" Joint, Silicone Sealant And Caulking	449.94	110.60
		For Custom Match Coloring, Add	*28.07*	
		For Up To 3 CLF, Add	*25.42*	
		For >15 CLF, Deduct	*-28.34*	
		For 1 Part Mildew Resistant, Add	*40.93*	
		For High-Modulus Non-Acid Curing, Add	*23.39*	
07 92 13 00-0005	CLF	3/8" x 3/8" Joint, Silicone Sealant And Caulking	464.55	110.60
		For Custom Match Coloring, Add	*31.57*	
		For Up To 2.5 CLF, Add	*26.52*	
		For >13 CLF, Deduct	*-29.81*	
		For 1 Part Mildew Resistant, Add	*46.04*	
		For High-Modulus Non-Acid Curing, Add	*26.31*	
07 92 13 00-0006	CLF	3/8" x 1/2" Joint, Silicone Sealant And Caulking	508.40	110.60
		For Custom Match Coloring, Add	*42.10*	
		For Up To 2 CLF, Add	*29.81*	
		For >10 CLF, Deduct	*-34.19*	
		For 1 Part Mildew Resistant, Add	*61.39*	
		For High-Modulus Non-Acid Curing, Add	*35.08*	
07 92 13 00-0007	CLF	3/8" x 5/8" Joint, Silicone Sealant And Caulking	552.26	110.60
		For Custom Match Coloring, Add	*52.62*	
		For Up To 1.5 CLF, Add	*33.09*	
		For >8 CLF, Deduct	*-38.58*	
		For 1 Part Mildew Resistant, Add	*76.74*	
		For High-Modulus Non-Acid Curing, Add	*43.85*	
07 92 13 00-0008	CLF	3/8" x 3/4" Joint, Silicone Sealant And Caulking	608.00	115.36
		For Custom Match Coloring, Add	*63.15*	
		For Up To 1.3 CLF, Add	*36.98*	
		For >7 CLF, Deduct	*-43.56*	
		For 1 Part Mildew Resistant, Add	*92.09*	
		For High-Modulus Non-Acid Curing, Add	*52.62*	
07 92 13 00-0009	CLF	1/2" x 1/2" Joint, Silicone Sealant And Caulking	578.76	115.36
		For Custom Match Coloring, Add	*56.13*	
		For Up To 1.4 CLF, Add	*34.78*	
		For >7.5 CLF, Deduct	*-40.63*	
		For 1 Part Mildew Resistant, Add	*81.85*	
		For High-Modulus Non-Acid Curing, Add	*46.77*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 92 13 00-0010	CLF	1/2" x 5/8" Joint, Silicone Sealant And Caulking	649.14	118.93
		For Custom Match Coloring, Add	*70.16*	
		For Up To 1.15 CLF, Add	*39.77*	
		For >6 CLF, Deduct	*-47.07*	
		For 1 Part Mildew Resistant, Add	*102.32*	
		For High-Modulus Non-Acid Curing, Add	*58.47*	
07 92 13 00-0011	CLF	1/2" x 3/4" Joint, Silicone Sealant And Caulking	707.61	118.93
		For Custom Match Coloring, Add	*84.19*	
		For Up To 1 CLF, Add	*44.15*	
		For >5 CLF, Deduct	*-52.92*	
		For 1 Part Mildew Resistant, Add	*122.78*	
		For High-Modulus Non-Acid Curing, Add	*70.16*	
07 92 13 00-0012	CLF	1/2" x 7/8" Joint, Silicone Sealant And Caulking	777.97	122.49
		For Custom Match Coloring, Add	*98.23*	
		For Up To 0.8 CLF, Add	*49.13*	
		For >4.5 CLF, Deduct	*-59.36*	
		For 1 Part Mildew Resistant, Add	*143.25*	
		For High-Modulus Non-Acid Curing, Add	*81.86*	
07 92 13 00-0013	CLF	1/2" x 1" Joint, Silicone Sealant And Caulking	848.33	127.25
		For Custom Match Coloring, Add	*112.26*	
		For Up To 0.75 CLF, Add	*54.11*	
		For >4 CLF, Deduct	*-65.80*	
		For 1 Part Mildew Resistant, Add	*163.71*	
		For High-Modulus Non-Acid Curing, Add	*93.55*	
07 92 13 00-0014	CLF	3/4" x 3/4" Joint, Silicone Sealant And Caulking	918.68	130.82
		For Custom Match Coloring, Add	*126.29*	
		For Up To 0.65 CLF, Add	*59.09*	
		For >3.5 CLF, Deduct	*-72.24*	
		For 1 Part Mildew Resistant, Add	*184.17*	
		For High-Modulus Non-Acid Curing, Add	*105.24*	
07 92 13 00-0015	CLF	3/4" x 1" Joint, Silicone Sealant And Caulking	1,129.77	142.72
		For Custom Match Coloring, Add	*168.39*	
		For Up To 0.5 CLF, Add	*74.03*	
		For >2.5 CLF, Deduct	*-91.57*	
		For 1 Part Mildew Resistant, Add	*245.57*	
		For High-Modulus Non-Acid Curing, Add	*140.32*	
07 92 13 00-0016	CLF	1" x 1" Joint, Silicone Sealant And Caulking	1,411.21	158.18
		For Custom Match Coloring, Add	*224.52*	
		For Up To 0.4 CLF, Add	*93.95*	
		For >2 CLF, Deduct	*-117.34*	
		For 1 Part Mildew Resistant, Add	*327.42*	
		For High-Modulus Non-Acid Curing, Add	*187.10*	

07 92 13 00-0017 Acrylic/Latex Sealant And Caulking *(07 92 13)*

07 92 13 00-0018	CLF	1/4" x 1/4" Joint, Acrylic/Latex Sealant And Caulking	341.62	107.04
		For Up To 6 CLF, Add	*17.59*	
		For >30 CLF, Deduct	*-18.11*	
07 92 13 00-0019	CLF	1/4" x 3/8" Joint, Acrylic/Latex Sealant And Caulking	351.88	107.04
		For Up To 4 CLF, Add	*18.36*	
		For >20 CLF, Deduct	*-19.13*	
07 92 13 00-0020	CLF	1/4" x 1/2" Joint, Acrylic/Latex Sealant And Caulking	374.03	110.60
		For Up To 3 CLF, Add	*19.73*	
		For >15 CLF, Deduct	*-20.75*	
07 92 13 00-0021	CLF	3/8" x 3/8" Joint, Acrylic/Latex Sealant And Caulking	379.15	110.60
		For Up To 2.5 CLF, Add	*20.11*	
		For >13 CLF, Deduct	*-21.27*	
07 92 13 00-0022	CLF	3/8" x 1/2" Joint, Acrylic/Latex Sealant And Caulking	394.54	110.60
		For Up To 2 CLF, Add	*21.27*	
		For >10 CLF, Deduct	*-22.80*	
07 92 13 00-0023	CLF	3/8" x 5/8" Joint, Acrylic/Latex Sealant And Caulking	409.92	110.60
		For Up To 1.5 CLF, Add	*22.42*	
		For >8 CLF, Deduct	*-24.34*	
07 92 13 00-0024	CLF	3/8" x 3/4" Joint, Acrylic/Latex Sealant And Caulking	437.20	115.36
		For Up To 1.3 CLF, Add	*24.17*	
		For >7 CLF, Deduct	*-26.48*	
07 92 13 00-0025	CLF	1/2" x 1/2" Joint, Acrylic/Latex Sealant And Caulking	426.94	115.36
		For Up To 1.4 CLF, Add	*23.40*	
		For >7.5 CLF, Deduct	*-25.45*	
07 92 13 00-0026	CLF	1/2" x 5/8" Joint, Acrylic/Latex Sealant And Caulking	459.36	118.93
		For Up To 1.15 CLF, Add	*25.53*	
		For >6 CLF, Deduct	*-28.10*	
07 92 13 00-0027	CLF	1/2" x 3/4" Joint, Acrylic/Latex Sealant And Caulking	479.88	118.93
		For Up To 1 CLF, Add	*27.07*	
		For >5 CLF, Deduct	*-30.15*	
07 92 13 00-0028	CLF	1/2" x 7/8" Joint, Acrylic/Latex Sealant And Caulking	512.28	122.49
		For Up To 0.8 CLF, Add	*29.20*	
		For >4.5 CLF, Deduct	*-32.79*	
07 92 13 00-0029	CLF	1/2" x 1" Joint, Acrylic/Latex Sealant And Caulking	544.68	127.25
		For Up To 0.75 CLF, Add	*31.34*	
		For >4 CLF, Deduct	*-35.44*	
07 92 13 00-0030	CLF	3/4" x 3/4" Joint, Acrylic/Latex Sealant And Caulking	577.08	130.82
		For Up To 0.65 CLF, Add	*33.47*	
		For >3.5 CLF, Deduct	*-38.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 92 13 00-0031	CLF	3/4" x 1" Joint, Acrylic/Latex Sealant And Caulking	674.30	142.72
		For Up To 0.5 CLF, Add	*39.87*	
		For >2.5 CLF, Deduct	*-46.02*	
07 92 13 00-0032	CLF	1" x 1" Joint, Acrylic/Latex Sealant And Caulking	803.92	158.18
		For Up To 0.4 CLF, Add	*48.40*	
		For >2 CLF, Deduct	*-56.61*	

07 92 13 00-0033 Polyurethane Sealant And Caulking *(07 92 13)*

Note: 1 or 2 part, non-sag.

07 92 13 00-0034	CLF	1/4" x 1/4" Joint, Polyurethane Sealant And Caulking	365.95	107.04
		For Up To 6 CLF, Add	*19.42*	
		For >30 CLF, Deduct	*-20.54*	
07 92 13 00-0035	CLF	1/4" x 3/8" Joint, Polyurethane Sealant And Caulking	388.38	107.04
		For Up To 4 CLF, Add	*21.10*	
		For >20 CLF, Deduct	*-22.78*	
07 92 13 00-0036	CLF	1/4" x 1/2" Joint, Polyurethane Sealant And Caulking	422.69	110.60
		For Up To 3 CLF, Add	*23.38*	
		For >15 CLF, Deduct	*-25.62*	
07 92 13 00-0037	CLF	3/8" x 3/8" Joint, Polyurethane Sealant And Caulking	433.90	110.60
		For Up To 2.5 CLF, Add	*24.22*	
		For >13 CLF, Deduct	*-26.74*	
07 92 13 00-0038	CLF	3/8" x 1/2" Joint, Polyurethane Sealant And Caulking	467.53	110.60
		For Up To 2 CLF, Add	*26.74*	
		For >10 CLF, Deduct	*-30.10*	
07 92 13 00-0039	CLF	3/8" x 5/8" Joint, Polyurethane Sealant And Caulking	501.16	110.60
		For Up To 1.5 CLF, Add	*29.26*	
		For >8 CLF, Deduct	*-33.47*	
07 92 13 00-0040	CLF	3/8" x 3/4" Joint, Polyurethane Sealant And Caulking	546.68	115.36
		For Up To 1.3 CLF, Add	*32.38*	
		For >7 CLF, Deduct	*-37.42*	
07 92 13 00-0041	CLF	1/2" x 1/2" Joint, Polyurethane Sealant And Caulking	524.26	115.36
		For Up To 1.4 CLF, Add	*30.70*	
		For >7.5 CLF, Deduct	*-35.18*	
07 92 13 00-0042	CLF	1/2" x 5/8" Joint, Polyurethane Sealant And Caulking	581.02	118.93
		For Up To 1.15 CLF, Add	*34.66*	
		For >6 CLF, Deduct	*-40.26*	
07 92 13 00-0043	CLF	1/2" x 3/4" Joint, Polyurethane Sealant And Caulking	625.86	118.93
		For Up To 1 CLF, Add	*38.02*	
		For >5 CLF, Deduct	*-44.75*	
07 92 13 00-0044	CLF	1/2" x 7/8" Joint, Polyurethane Sealant And Caulking	682.59	122.49
		For Up To 0.8 CLF, Add	*41.98*	
		For >4.5 CLF, Deduct	*-49.82*	
07 92 13 00-0045	CLF	1/2" x 1" Joint, Polyurethane Sealant And Caulking	739.33	127.25
		For Up To 0.75 CLF, Add	*45.94*	
		For >4 CLF, Deduct	*-54.90*	
07 92 13 00-0046	CLF	3/4" x 3/4" Joint, Polyurethane Sealant And Caulking	796.06	130.82
		For Up To 0.65 CLF, Add	*49.89*	
		For >3.5 CLF, Deduct	*-59.98*	
07 92 13 00-0047	CLF	3/4" x 1" Joint, Polyurethane Sealant And Caulking	966.27	142.72
		For Up To 0.5 CLF, Add	*61.77*	
		For >2.5 CLF, Deduct	*-75.22*	

07 92 13 00-0048 Flexible Polysulfide Sealant And Caulking, Clear *(07 92 13)*

Note: 1 or 2 part, non-sag.

07 92 13 00-0049	CLF	1/4" x 1/4" Joint, Polysulfide Sealant And Caulking	370.21	107.04
		For Up To 6 CLF, Add	*19.74*	
		For >30 CLF, Deduct	*-20.97*	
07 92 13 00-0050	CLF	1/4" x 3/8" Joint, Polysulfide Sealant And Caulking	394.78	107.04
		For Up To 4 CLF, Add	*21.58*	
		For >20 CLF, Deduct	*-23.42*	
07 92 13 00-0051	CLF	1/4" x 1/2" Joint, Polysulfide Sealant And Caulking	431.22	110.60
		For Up To 3 CLF, Add	*24.02*	
		For >15 CLF, Deduct	*-26.47*	
07 92 13 00-0052	CLF	3/8" x 3/8" Joint, Polysulfide Sealant And Caulking	443.49	110.60
		For Up To 2.5 CLF, Add	*24.94*	
		For >13 CLF, Deduct	*-27.70*	
07 92 13 00-0053	CLF	3/8" x 1/2" Joint, Polysulfide Sealant And Caulking	480.34	110.60
		For Up To 2 CLF, Add	*27.70*	
		For >10 CLF, Deduct	*-31.38*	
07 92 13 00-0054	CLF	3/8" x 5/8" Joint, Polysulfide Sealant And Caulking	517.16	110.60
		For Up To 1.5 CLF, Add	*30.46*	
		For >8 CLF, Deduct	*-35.07*	
07 92 13 00-0055	CLF	3/8" x 3/4" Joint, Polysulfide Sealant And Caulking	565.88	115.36
		For Up To 1.3 CLF, Add	*33.82*	
		For >7 CLF, Deduct	*-39.34*	
07 92 13 00-0056	CLF	1/2" x 1/2" Joint, Polysulfide Sealant And Caulking	541.33	115.36
		For Up To 1.4 CLF, Add	*31.98*	
		For >7.5 CLF, Deduct	*-36.89*	
07 92 13 00-0057	CLF	1/2" x 5/8" Joint, Polysulfide Sealant And Caulking	602.36	118.93
		For Up To 1.15 CLF, Add	*36.26*	
		For >6 CLF, Deduct	*-42.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 92 13 00-0058	CLF	1/2" x 3/4" Joint, Polysulfide Sealant And Caulking	651.46	118.93
		For Up To 1 CLF, Add	*39.94*	
		For >5 CLF, Deduct	*-47.31*	
07 92 13 00-0059	CLF	1/2" x 7/8" Joint, Polysulfide Sealant And Caulking	712.47	122.49
		For Up To 0.8 CLF, Add	*44.22*	
		For >4.5 CLF, Deduct	*-52.81*	
07 92 13 00-0060	CLF	1/2" x 1" Joint, Polysulfide Sealant And Caulking	773.46	127.25
		For Up To 0.75 CLF, Add	*48.50*	
		For >4 CLF, Deduct	*-58.32*	
07 92 13 00-0061	CLF	3/4" x 3/4" Joint, Polysulfide Sealant And Caulking	834.47	130.82
		For Up To 0.65 CLF, Add	*52.77*	
		For >3.5 CLF, Deduct	*-63.82*	
07 92 13 00-0062	CLF	3/4" x 1" Joint, Polysulfide Sealant And Caulking	1,017.46	142.72
		For Up To 0.5 CLF, Add	*65.61*	
		For >2.5 CLF, Deduct	*-80.34*	

07 95 Expansion Control *(07 90)*

07 95 13 Expansion Joint Cover Assemblies *(07 95)*

Note: Includes necessary waterproofing mastics/caulking.

07 95 13 13 Interior Expansion Joint Cover Assemblies *(07 95 13)*

07 95 13 13-0001 Interior Floor Expansion Joint Cover Assemblies *(07 95 13 13)*

07 95 13 13-0002 With 1" Space *(07 95 13 13-0001)*

07 95 13 13-0003	LF	1" Opening Floor Assembly Type, With Aluminum Expansion Joint Cover	82.08	8.01
07 95 13 13-0004	LF	1" Opening Floor Assembly Type, With Bronze Expansion Joint Cover	68.81	8.01
07 95 13 13-0005	LF	1" Opening Floor Assembly Type, With Stainless Steel Expansion Joint Cover	100.43	8.01

07 95 13 13-0006 With 2" Space *(07 95 13 13-0001)*

07 95 13 13-0007	LF	2" Opening Floor Assembly Type, Aluminum Expansion Joint Cover	109.04	8.01
07 95 13 13-0008	LF	2" Opening Floor Assembly Type, Bronze Expansion Joint Cover	82.36	8.01
07 95 13 13-0009	LF	2" Opening Floor Assembly Type, Stainless Steel Expansion Joint Cover	136.58	8.01

07 95 13 13-0010 Interior Ceiling And Wall Expansion Joint Cover Assemblies *(07 95 13 13)*

07 95 13 13-0011 With 1" Space *(07 95 13 13-0010)*

07 95 13 13-0012	LF	1" Opening Ceiling And Wall Assembly Type, Aluminum Expansion Joint Cover	62.06	8.01
07 95 13 13-0013	LF	1" Opening Ceiling And Wall Assembly Type, Bronze Expansion Joint Cover	62.21	8.01
07 95 13 13-0014	LF	1" Opening Ceiling And Wall Assembly Type, Stainless Steel Expansion Joint Cover	89.31	8.01

07 95 13 13-0015 With 2" Space *(07 95 13 13-0010)*

07 95 13 13-0016	LF	2" Opening Ceiling And Wall Assembly Type, Aluminum Expansion Joint Cover	78.24	8.01
07 95 13 13-0017	LF	2" Opening Ceiling And Wall Assembly Type, Bronze Expansion Joint Cover	68.98	8.01
07 95 13 13-0018	LF	2" Opening Ceiling And Wall Assembly Type, Stainless Steel Expansion Joint Cover	107.38	8.01

07 95 13 16 Exterior Expansion Joint Cover Assemblies *(07 95 13)*

07 95 13 16-0001 Exterior Roof Aluminum Expansion Joint Cover Assemblies *(07 95 13 16)*

07 95 13 16-0002 Roof To Roof *(07 95 13 16-0001)*

07 95 13 16-0003	LF	1" Opening Aluminum Assemblies, Exterior Roof To Roof Expansion Joint	110.27	5.33
07 95 13 16-0004	LF	2" Opening Aluminum Assemblies, Exterior Roof To Roof Expansion Joint	132.97	5.33

07 95 13 16-0005 Roof To Wall *(07 95 13 16-0001)*

07 95 13 16-0006	LF	1" Opening Aluminum Assemblies, Exterior Roof To Wall Expansion Joint	82.17	5.33
07 95 13 16-0007	LF	2" Opening Aluminum Assemblies, Exterior Roof To Wall Expansion Joint	109.95	5.33

07 95 13 16-0008 Flat Wall To Wall *(07 95 13 16-0001)*

07 95 13 16-0009	LF	1" Opening Aluminum Assemblies, Exterior Wall To Wall Expansion Joint	61.12	5.33
07 95 13 16-0010	LF	2" Opening Aluminum Assemblies, Exterior Wall To Wall Expansion Joint	77.79	5.33

07 95 13 16-0011 Corner To Flat Wall *(07 95 13 16-0001)*

07 95 13 16-0012	LF	1" Opening Aluminum Assemblies, Exterior Corner To Wall Expansion Joint	57.60	5.33
07 95 13 16-0013	LF	2" Opening Aluminum Assemblies, Exterior Corner To Wall Expansion Joint	68.71	5.33

END OF SECTION 07

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CSI	UOM	MINOR DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

08 Openings

08 01 Operation and Maintenance of Openings *(08)*

08 01 10 Operation and Maintenance of Doors and Frames *(08 01)*

08 01 11 Operation and Maintenance of Metal Doors and Frames *(08 01 10)*

08 01 11 61 Metal Doors and Frames Repair *(08 01 11)*

08 01 11 61-0001 Hollow Metal Door Repair *(08 01 11 61)*
Note: Repairs are based on holes or damage of less than 1/2 of a square foot.

08 01 11 61-0002	EA	Up To 1 SI, Patch Small Drill Holes	26.48	
		Note: Per hinge location - sand to bare metal, mix/patch with bondo, fine grit sand smooth for finish		
08 01 11 61-0003	EA	>1 To 6 SI, Patch Small Drill Holes	53.11	
		Note: Per hinge location - sand to bare metal, mix/patch with bondo, fine grit sand smooth for finish		
08 01 11 61-0004	LF	Patch Deep Scrapes Or Cuts In Doors	63.94	

08 01 50 Operation and Maintenance of Windows *(08 01)*

08 01 52 Operation and Maintenance of Wood Windows *(08 01 50)*

08 01 52 61 Wood Window Repairs *(08 01 52)*

08 01 52 61-0001 Window Restoration And Replacement *(08 01 52 61)*

08 01 52 61-0002	EA	Removal And Replacement Of Window Arms	37.19	
08 01 52 61-0003	EA	Removal And Replacement Of Window Crank Operator	43.15	
08 01 52 61-0004	EA	Removal And Replacement Of Brass Window Sash Pull	25.88	
08 01 52 61-0005	EA	Removal And Replacement Of Brass Window Sash Lock	23.37	
08 01 52 61-0006	EA	Removal And Replacement Of Sash Guides	13.23	
08 01 52 61-0007	EA	Removal And Replacement Of Window Balance, Removable Sash Window	29.36	
		Note: Channel, spiral or coil balance.		
08 01 52 61-0008	EA	Removal And Replacement Of Window Balance, Sash Window, Wooden Stops And/or Casing	88.84	
		Note: Channel, spiral or coil balance.		
		For Replacing Two Balances In One Window, Deduct	*-32.84*	

08 01 80 Maintenance of Glazing *(08 01)*

08 01 81 Maintenance of Glass Glazing *(08 01 80)*

08 01 81 10 Maintenance of Glass Glazing *(08 01 81)*

08 01 81 10-0001 Glazing Compound Repair *(08 01 81 10)*

08 01 81 10-0002	LF	Removal And Replacement Of Up To 1/2" Wide Damaged, Broken Or Cracked Window Glazing (For Glazing Compound Repair)	9.55	

08 05 Common Work Results for Openings *(08)*

08 05 13 Door Options and Modifications *(08 05)*

Note: Excludes removal and reinstallation of door.

08 05 13 00-0001 Door Vision Panels (Pemko LT-S1) *(08 05 13)*
Note: Factory primed or powder coated. See CSI section 08 81 00 00-0000 for glazing.

08 05 13 00-0002	EA	For Up To 1 SF, Factory Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	146.78	
		For 9/16" To 1-1/16" Glazing Pocket, Add	*73.39*	
08 05 13 00-0003	EA	For >1 To 2 SF, Factory Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	185.80	
		For 9/16" To 1-1/16" Glazing Pocket, Add	*92.90*	
08 05 13 00-0004	EA	For >2 To 4 SF, Factory Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	215.53	
		For 9/16" To 1-1/16" Glazing Pocket, Add	*107.77*	
08 05 13 00-0005	EA	For >4 To 6 SF, Factory Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	274.98	
		For 9/16" To 1-1/16" Glazing Pocket, Add	*137.49*	
08 05 13 00-0006	EA	For >6 To 8 SF, Factory Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	356.73	
		For 9/16" To 1-1/16" Glazing Pocket, Add	*178.37*	
08 05 13 00-0007	EA	For >8 To 10 SF, Factory Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	455.21	
		For 9/16" To 1-1/16" Glazing Pocket, Add	*227.61*	
08 05 13 00-0008	EA	For >10 SF, Factory Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	483.08	
		For 9/16" To 1-1/16" Glazing Pocket, Add	*241.54*	
08 05 13 00-0009	EA	For Up To 1 SF, Site Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	252.42	
		For 9/16" To 1-1/16" Glazing Pocket, Add	*66.72*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 05 13 00-0010	EA	For >1 To 2 SF, Site Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	299.79	
		For 9/16" To 1-1/16" Glazing Pocket, Add	*84.46*	
08 05 13 00-0011	EA	For >2 To 4 SF, Site Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	338.70	
		For 9/16" To 1-1/16" Glazing Pocket, Add	*97.97*	
08 05 13 00-0012	EA	For >4 To 6 SF, Site Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	404.65	
		For 9/16" To 1-1/16" Glazing Pocket, Add	*124.99*	
08 05 13 00-0013	EA	For >6 To 8 SF, Site Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	490.87	
		For 9/16" To 1-1/16" Glazing Pocket, Add	*162.15*	
08 05 13 00-0014	EA	For >8 To 10 SF, Site Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	592.28	
		For 9/16" To 1-1/16" Glazing Pocket, Add	*206.91*	
08 05 13 00-0015	EA	For >10 SF, Site Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	629.52	
		For 9/16" To 1-1/16" Glazing Pocket, Add	*219.58*	

08 05 13 00-0016 Door Louvers, Inverted "Y" 50% Free Air (Pemko LV-IY) *(08 05 13)*

Note: Factory primed or powder coated.

08 05 13 00-0017	EA	For Up To 1 SF, Factory Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add	139.96	
08 05 13 00-0018	EA	For >1 To 2 SF, Factory Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add	158.99	
08 05 13 00-0019	EA	For >2 To 4 SF, Factory Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add	216.09	
08 05 13 00-0020	EA	For >4 To 6 SF, Factory Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add	402.96	
08 05 13 00-0021	EA	For >6 To 8 SF, Factory Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add	498.32	
08 05 13 00-0022	EA	For >8 To 10 SF, Factory Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add	595.22	
08 05 13 00-0023	EA	For >10 To 14 SF, Factory Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add	776.71	
08 05 13 00-0024	EA	For >14 To 18 SF, Factory Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add	914.30	
		For 18 Gauge Louver And 18 Gauge Frame, Add	*109.72*	
08 05 13 00-0025	EA	For Up To 1 SF, Site Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add	229.20	
08 05 13 00-0026	EA	For >1 To 2 SF, Site Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add	257.14	
08 05 13 00-0027	EA	For >2 To 4 SF, Site Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add	323.17	
08 05 13 00-0028	EA	For >4 To 6 SF, Site Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add	518.96	
08 05 13 00-0029	EA	For >6 To 8 SF, Site Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add	623.25	
08 05 13 00-0030	EA	For >8 To 10 SF, Site Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add	729.06	
08 05 13 00-0031	EA	For >10 To 14 SF, Site Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add	919.48	
08 05 13 00-0032	EA	For >14 To 18 SF, Site Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add	1,063.02	
		For 18 Gauge Louver And 18 Gauge Frame, Add	*109.72*	

08 05 13 00-0033 Fire Rated Fusible Link Louvers (Pemko LV-FL) *(08 05 13)*

Note: Factory primed or powder coated.

08 05 13 00-0034	EA	For Up To 1 SF, Factory Installed 16 Gauge Galvannealed Adjustable "Z Blades, 18 Gauge Galvannealed Frame Fire Rated Fusible Link Louver In Door, Add	283.42	
08 05 13 00-0035	EA	For >1 To 2 SF, Factory Installed 16 Gauge Galvannealed Adjustable "Z Blades, 18 Gauge Galvannealed Frame Fire Rated Fusible Link Louver In Door, Add	324.32	
08 05 13 00-0036	EA	For >2 To 4 SF, Factory Installed 16 Gauge Galvannealed Adjustable "Z Blades, 18 Gauge Galvannealed Frame Fire Rated Fusible Link Louver In Door, Add	380.94	
08 05 13 00-0037	EA	For Up To 1 SF, Site Installed 16 Gauge Galvannealed Adjustable "Z Blades, 18 Gauge Galvannealed Frame Fire Rated Fusible Link Louver In Door, Add	390.50	
08 05 13 00-0038	EA	For >1 To 2 SF, Site Installed 16 Gauge Galvannealed Adjustable "Z Blades, 18 Gauge Galvannealed Frame Fire Rated Fusible Link Louver In Door, Add	443.30	
08 05 13 00-0039	EA	For >2 To 4 SF, Site Installed 16 Gauge Galvannealed Adjustable "Z Blades, 18 Gauge Galvannealed Frame Fire Rated Fusible Link Louver In Door, Add	509.44	

08 05 13 00-0040 Door Hardware Preparation *(08 05 13)*

08 05 13 00-0041	EA	Factory Prepare Wood Door (Rated Or Non-Rated) For Mortise Lockset Hardware	89.20	
08 05 13 00-0042	EA	Prepare Existing Wood Door (Rated) For Mortise Lockset Hardware Note: Requires door to be taken off site for UL certification.	220.02	
08 05 13 00-0043	EA	Prepare Existing Wood Door (Non-Rated) For Mortise Lockset Hardware	101.09	
08 05 13 00-0044	EA	Prepare Existing Wood Door (Rated) For Cylindrical Lockset Hardware Note: Requires door to be taken off site for UL certification.	178.40	
08 05 13 00-0045	EA	Prepare Existing Wood Door (Non-Rated) For Cylindrical Lockset Hardware	29.73	
08 05 13 00-0046	EA	Prepare Existing Wood Door (Rated) For Concealed Vertical Rod Note: Requires door to be taken off site for UL certification.	327.10	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 05 13 00-0047	EA	Prepare Existing Wood Door (Non-Rated) For Concealed Vertical Rod	208.12	
08 05 13 00-0048	EA	Prepare Existing Wood Door (Rated) For Electric Hardware Note: Requires door to be taken off site for UL certification.	220.02	
08 05 13 00-0049	EA	Prepare Existing Door (Non-Rated) For Electric Hardware	101.09	

08 05 13 00-0050 Door Modifications *(08 05 13)*

08 05 13 00-0051	EA	Removal And Reinstallation Of Door	101.13	
08 05 13 00-0052	EA	Removal And Reinstallation Of Metal Door Frame	198.29	
08 05 13 00-0053	EA	Trim Bottom Of Existing Steel Door For Installation Of Carpet Or Tile Note: Excludes removal and reinstallation of door.	107.08	
08 05 13 00-0054	EA	Modify Metal Door Frame For Door Swing Note: Includes removal of door; install blank hinge plates, new continuous hinge, blank strike plate, new strike plate and reinstallation of door.	1,348.99	
08 05 13 00-0055	EA	Factory Installed Sound Proofing (STC 28) In Metal Door	123.92	
08 05 13 00-0056	SF	For 16 Gauge Steel Metal Plate Bolted On Door Note: Includes mounting hardware.	26.22	
08 05 13 00-0057	EA	Removal And Reinstallation Of Wood Door Frame	119.70	
08 05 13 00-0058	EA	Trim Bottom Of Existing Wood Door For Installation Of Carpet Or Tile Note: Excludes removal and reinstallation of door.	53.86	
08 05 13 00-0059	EA	Factory Trim Wood Door Edge For Custom Width	77.80	

08 10 Doors and Frames *(08)*

08 11 Metal Doors and Frames *(08 10)*

08 11 63 Metal Screen and Storm Doors and Frames *(08 11)*

08 11 63 13 Steel Screen and Storm Doors and Frames *(08 11 63)*

08 11 63 13-0001 Steel Screen Door *(08 11 63 13)*

Note: Includes frame, trim, necessary anchors and hardware (closures, chain and spring, latching, screens, etc.).

08 11 63 13-0002	EA	2'-8" x 7', Residential, Steel Screen Door With Frame, Trim, Hardware	921.12	163.60
08 11 63 13-0003	EA	3' x 7' Steel Screen Door, Residential, With Frame, Trim, Hardware	933.06	169.55
08 11 63 13-0004	EA	Steel Combination Type Residential Storm Door, With Mesh And Tempered Glass With Frame, Trim, Hardware	1,429.51	169.55

08 11 63 23 Aluminum Screen and Storm Doors and Frames *(08 11 63)*

08 11 63 23-0001 Aluminum Combination Type With Tempered Glass At Top And Bottom *(08 11 63 23)*

Note: Includes frame trim, necessary anchors and usual hardware (closures, chain and spring, latching, screens, etc.).

08 11 63 23-0002	EA	Aluminum Combination Type Residential Storm Door, Tempered Glass Top With Frame, Trim, Hardware	1,118.21	95.19
		For Special Finished, Add	*105.63*	
08 11 63 23-0003	EA	Aluminum Combination Type Residential Storm Door, Tempered Glass Top And Bottom With Frame, Trim, Hardware	1,177.58	95.19
08 11 63 23-0004	EA	Aluminum Screen Door	318.95	59.46
08 11 63 23-0005	SF	Repair Screen Door	13.89	

08 11 73 Sliding Metal Fire Doors *(08 11)*

08 11 73 00-0001 Motor Operated Fire Door With Fusible Link *(08 11 73)*

Note: 3 hour rating. Excludes electrical hook-up of motor.

08 11 73 00-0002	EA	3' x 6' 8" Sliding Metal Fire Door, Motor Operated Door With 3 Hour Rating	5,202.23	667.00
08 11 73 00-0003	EA	3' 8" x 6' 8" Sliding Metal Fire Door, Motor Operated Door With 3 Hour Rating	5,503.36	667.00
08 11 73 00-0004	EA	4' x 8' Sliding Metal Fire Door, Motor Operated Door With 3 Hour Rating	6,003.83	667.00
08 11 73 00-0005	EA	5' x 8' Sliding Metal Fire Door, Motor Operated Door With 3 Hour Rating	6,551.92	667.00

08 12 Metal Frames *(08 10)*

Note: Includes perimeter caulk, sealant (as required), anchors and silencers.

08 12 13 Hollow Metal Frames *(08 12)*

08 12 13 13 Standard Hollow Metal Frames *(08 12 13)*

Note: Shop prime coat. See CSI section 04 05 16 26-0017 for grouting frames.

08 12 13 13-0001 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames *(08 12 13 13)*

Note: For non-rated or fire rated frame assemblies

08 12 13 13-0002 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames *(08 12 13 13-0001)*

08 12 13 13-0003	EA	2' x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	598.91	89.24
		For Welded Frames, Add	*245.10*	
		For Galvanized Frames, Add	*50.45*	
		For Type 304 Stainless Steel Frame, Add	*765.73*	
		For Type 316 Stainless Steel Frame, Add	*891.87*	
		For Baked Enamel Finish, Add	*152.90*	
		For 18 Gauge Frame, Deduct	*-42.05*	
		For 14 Gauge Frame, Add	*105.11*	
		For 12 Gauge Frame, Add	*159.77*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0004	EA	2'-4" x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	696.85	98.15
		For Welded Frames, Add	*245.10*	
		For Galvanized Frames, Add	*60.06*	
		For Type 304 Stainless Steel Frame, Add	*910.79*	
		For Type 316 Stainless Steel Frame, Add	*1,060.95*	
		For Baked Enamel Finish, Add	*179.61*	
		For 18 Gauge Frame, Deduct	*-50.05*	
		For 14 Gauge Frame, Add	*125.14*	
		For 12 Gauge Frame, Add	*190.21*	
08 12 13 13-0005	EA	2'-6" x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	716.76	104.10
		For Welded Frames, Add	*245.10*	
		For Galvanized Frames, Add	*61.03*	
		For Type 304 Stainless Steel Frame, Add	*925.80*	
		For Type 316 Stainless Steel Frame, Add	*1,078.37*	
		For Baked Enamel Finish, Add	*183.80*	
		For 18 Gauge Frame, Deduct	*-50.86*	
		For 14 Gauge Frame, Add	*127.14*	
		For 12 Gauge Frame, Add	*193.25*	
08 12 13 13-0006	EA	2'-8" x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	734.61	113.03
		For Welded Frames, Add	*245.10*	
		For Galvanized Frames, Add	*61.03*	
		For Type 304 Stainless Steel Frame, Add	*926.69*	
		For Type 316 Stainless Steel Frame, Add	*1,079.26*	
		For Baked Enamel Finish, Add	*186.47*	
		For 18 Gauge Frame, Deduct	*-50.86*	
		For 14 Gauge Frame, Add	*127.14*	
		For 12 Gauge Frame, Add	*193.25*	
08 12 13 13-0007	EA	2'-10" x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	748.57	116.00
		For Welded Frames, Add	*245.10*	
		For Galvanized Frames, Add	*61.99*	
		For Type 304 Stainless Steel Frame, Add	*941.41*	
		For Type 316 Stainless Steel Frame, Add	*1,096.38*	
		For Baked Enamel Finish, Add	*189.77*	
		For 18 Gauge Frame, Deduct	*-51.66*	
		For 14 Gauge Frame, Add	*129.14*	
		For 12 Gauge Frame, Add	*196.29*	
		For Auxiliary Frame Reinforcement For Hinges, Add	*77.48*	
08 12 13 13-0008	EA	3' x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	762.53	118.98
		For Welded Frames, Add	*245.10*	
		For Galvanized Frames, Add	*62.95*	
		For Type 304 Stainless Steel Frame, Add	*956.12*	
		For Type 316 Stainless Steel Frame, Add	*1,113.50*	
		For Baked Enamel Finish, Add	*193.07*	
		For 18 Gauge Frame, Deduct	*-52.46*	
		For 14 Gauge Frame, Add	*131.14*	
		For 12 Gauge Frame, Add	*199.34*	
08 12 13 13-0009	EA	3'-4" x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	810.45	124.93
		For Welded Frames, Add	*245.10*	
		For Galvanized Frames, Add	*67.27*	
		For Type 304 Stainless Steel Frame, Add	*1,021.57*	
		For Type 316 Stainless Steel Frame, Add	*1,189.75*	
		For Baked Enamel Finish, Add	*205.66*	
		For 18 Gauge Frame, Deduct	*-56.06*	
		For 14 Gauge Frame, Add	*140.15*	
		For 12 Gauge Frame, Add	*213.03*	
08 12 13 13-0010	EA	3'-6" x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	822.35	130.88
		For Welded Frames, Add	*245.10*	
		For Galvanized Frames, Add	*67.27*	
		For Type 304 Stainless Steel Frame, Add	*1,022.17*	
		For Type 316 Stainless Steel Frame, Add	*1,190.35*	
		For Baked Enamel Finish, Add	*207.44*	
		For 18 Gauge Frame, Deduct	*-56.06*	
		For 14 Gauge Frame, Add	*140.15*	
		For 12 Gauge Frame, Add	*213.03*	
08 12 13 13-0011	EA	4' x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	854.28	136.82
		For Welded Frames, Add	*245.10*	
		For Galvanized Frames, Add	*69.68*	
		For Type 304 Stainless Steel Frame, Add	*1,058.82*	
		For Type 316 Stainless Steel Frame, Add	*1,233.01*	
		For Baked Enamel Finish, Add	*215.24*	
		For 18 Gauge Frame, Deduct	*-58.06*	
		For 14 Gauge Frame, Add	*145.16*	
		For 12 Gauge Frame, Add	*220.64*	
08 12 13 13-0012	EA	5' x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	886.20	142.77
		For Welded Frames, Add	*245.10*	
		For Galvanized Frames, Add	*72.08*	
		For Type 304 Stainless Steel Frame, Add	*1,095.45*	
		For Type 316 Stainless Steel Frame, Add	*1,275.64*	
		For Baked Enamel Finish, Add	*223.03*	
		For 18 Gauge Frame, Deduct	*-60.07*	
		For 14 Gauge Frame, Add	*150.16*	
		For 12 Gauge Frame, Add	*228.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0013	EA	5'-4" x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	898.09	148.72
		For Welded Frames, Add	*245.10*	
		For Galvanized Frames, Add	*72.08*	
		For Type 304 Stainless Steel Frame, Add	*1,096.04*	
		For Type 316 Stainless Steel Frame, Add	*1,276.24*	
		For Baked Enamel Finish, Add	*224.81*	
		For 18 Gauge Frame, Deduct	*-60.07*	
		For 14 Gauge Frame, Add	*150.16*	
		For 12 Gauge Frame, Add	*228.25*	
08 12 13 13-0014	EA	5'-8" x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	914.05	151.70
		For Welded Frames, Add	*245.10*	
		For Galvanized Frames, Add	*73.28*	
		For Type 304 Stainless Steel Frame, Add	*1,114.36*	
		For Type 316 Stainless Steel Frame, Add	*1,297.56*	
		For Baked Enamel Finish, Add	*228.71*	
		For 18 Gauge Frame, Deduct	*-61.07*	
		For 14 Gauge Frame, Add	*152.67*	
		For 12 Gauge Frame, Add	*232.05*	
		For Auxiliary Frame Reinforcement For Hinges, Add	*91.60*	
08 12 13 13-0015	EA	6' x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	930.01	154.67
		For Welded Frames, Add	*245.10*	
		For Galvanized Frames, Add	*74.48*	
		For Type 304 Stainless Steel Frame, Add	*1,132.67*	
		For Type 316 Stainless Steel Frame, Add	*1,318.87*	
		For Baked Enamel Finish, Add	*232.60*	
		For 18 Gauge Frame, Deduct	*-62.07*	
		For 14 Gauge Frame, Add	*155.17*	
		For 12 Gauge Frame, Add	*235.85*	
08 12 13 13-0016	EA	7' x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	976.00	157.65
		For Welded Frames, Add	*245.10*	
		For Galvanized Frames, Add	*79.29*	
		For Type 304 Stainless Steel Frame, Add	*1,205.04*	
		For Type 316 Stainless Steel Frame, Add	*1,403.26*	
		For Baked Enamel Finish, Add	*245.51*	
		For 18 Gauge Frame, Deduct	*-66.07*	
		For 14 Gauge Frame, Add	*165.18*	
		For 12 Gauge Frame, Add	*251.07*	
08 12 13 13-0017	EA	8' x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,022.00	160.62
		For Welded Frames, Add	*245.10*	
		For Galvanized Frames, Add	*84.09*	
		For Type 304 Stainless Steel Frame, Add	*1,277.43*	
		For Type 316 Stainless Steel Frame, Add	*1,487.66*	
		For Baked Enamel Finish, Add	*258.41*	
		For 18 Gauge Frame, Deduct	*-70.08*	
		For 14 Gauge Frame, Add	*175.19*	
		For 12 Gauge Frame, Add	*266.29*	
08 12 13 13-0018		>7'-2" Through 9'-0" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames *(08 12 13 13-0001)*		
08 12 13 13-0019	EA	2' x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	645.63	89.24
		For Welded Frames, Add	*245.10*	
		For Galvanized Frames, Add	*56.06*	
		For Type 304 Stainless Steel Frame, Add	*849.83*	
		For Type 316 Stainless Steel Frame, Add	*989.98*	
		For Baked Enamel Finish, Add	*166.92*	
		For 18 Gauge Frame, Deduct	*-46.72*	
		For 14 Gauge Frame, Add	*116.79*	
		For 12 Gauge Frame, Add	*177.52*	
08 12 13 13-0020	EA	2'-4" x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	752.47	98.15
		For Welded Frames, Add	*245.10*	
		For Galvanized Frames, Add	*66.74*	
		For Type 304 Stainless Steel Frame, Add	*1,010.90*	
		For Type 316 Stainless Steel Frame, Add	*1,177.75*	
		For Baked Enamel Finish, Add	*196.29*	
		For 18 Gauge Frame, Deduct	*-55.62*	
		For 14 Gauge Frame, Add	*139.04*	
		For 12 Gauge Frame, Add	*211.34*	
08 12 13 13-0021	EA	2'-6" x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	773.26	104.10
		For Welded Frames, Add	*245.10*	
		For Galvanized Frames, Add	*67.81*	
		For Type 304 Stainless Steel Frame, Add	*1,027.50*	
		For Type 316 Stainless Steel Frame, Add	*1,197.02*	
		For Baked Enamel Finish, Add	*200.75*	
		For 18 Gauge Frame, Deduct	*-56.51*	
		For 14 Gauge Frame, Add	*141.26*	
		For 12 Gauge Frame, Add	*214.72*	
08 12 13 13-0022	EA	2'-8" x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	791.11	113.03
		For Welded Frames, Add	*245.10*	
		For Galvanized Frames, Add	*67.81*	
		For Type 304 Stainless Steel Frame, Add	*1,028.39*	
		For Type 316 Stainless Steel Frame, Add	*1,197.91*	
		For Baked Enamel Finish, Add	*203.42*	
		For 18 Gauge Frame, Deduct	*-56.51*	
		For 14 Gauge Frame, Add	*141.26*	
		For 12 Gauge Frame, Add	*214.72*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0023	EA	2'-10" x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	805.96	116.00
		For Welded Frames, Add	*245.10*	
		For Galvanized Frames, Add	*68.87*	
		For Type 304 Stainless Steel Frame, Add	*1,044.71*	
		For Type 316 Stainless Steel Frame, Add	*1,216.90*	
		For Baked Enamel Finish, Add	*206.99*	
		For 18 Gauge Frame, Deduct	*-57.40*	
		For 14 Gauge Frame, Add	*143.49*	
		For 12 Gauge Frame, Add	*218.10*	
		For Auxiliary Frame Reinforcement For Hinges, Add	*86.09*	
08 12 13 13-0024	EA	3' x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	820.81	118.98
		For Welded Frames, Add	*245.10*	
		For Galvanized Frames, Add	*69.94*	
		For Type 304 Stainless Steel Frame, Add	*1,061.03*	
		For Type 316 Stainless Steel Frame, Add	*1,235.88*	
		For Baked Enamel Finish, Add	*210.55*	
		For 18 Gauge Frame, Deduct	*-58.29*	
		For 14 Gauge Frame, Add	*145.71*	
		For 12 Gauge Frame, Add	*221.48*	
08 12 13 13-0025	EA	3'-4" x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	872.74	124.93
		For Welded Frames, Add	*245.10*	
		For Galvanized Frames, Add	*74.75*	
		For Type 304 Stainless Steel Frame, Add	*1,133.69*	
		For Type 316 Stainless Steel Frame, Add	*1,320.56*	
		For Baked Enamel Finish, Add	*224.34*	
		For 18 Gauge Frame, Deduct	*-62.29*	
		For 14 Gauge Frame, Add	*155.72*	
		For 12 Gauge Frame, Add	*236.70*	
08 12 13 13-0026	EA	3'-6" x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	884.64	130.88
		For Welded Frames, Add	*245.10*	
		For Galvanized Frames, Add	*74.75*	
		For Type 304 Stainless Steel Frame, Add	*1,134.29*	
		For Type 316 Stainless Steel Frame, Add	*1,321.16*	
		For Baked Enamel Finish, Add	*226.13*	
		For 18 Gauge Frame, Deduct	*-62.29*	
		For 14 Gauge Frame, Add	*155.72*	
		For 12 Gauge Frame, Add	*236.70*	
08 12 13 13-0027	EA	4' x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	918.79	136.82
		For Welded Frames, Add	*245.10*	
		For Galvanized Frames, Add	*77.42*	
		For Type 304 Stainless Steel Frame, Add	*1,174.93*	
		For Type 316 Stainless Steel Frame, Add	*1,368.48*	
		For Baked Enamel Finish, Add	*234.59*	
		For 18 Gauge Frame, Deduct	*-64.51*	
		For 14 Gauge Frame, Add	*161.29*	
		For 12 Gauge Frame, Add	*245.15*	
08 12 13 13-0028	EA	5' x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	952.94	142.77
		For Welded Frames, Add	*245.10*	
		For Galvanized Frames, Add	*80.09*	
		For Type 304 Stainless Steel Frame, Add	*1,215.58*	
		For Type 316 Stainless Steel Frame, Add	*1,415.80*	
		For Baked Enamel Finish, Add	*243.05*	
		For 18 Gauge Frame, Deduct	*-66.74*	
		For 14 Gauge Frame, Add	*166.85*	
		For 12 Gauge Frame, Add	*253.61*	
08 12 13 13-0029	EA	5'-4" x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	964.83	148.72
		For Welded Frames, Add	*245.10*	
		For Galvanized Frames, Add	*80.09*	
		For Type 304 Stainless Steel Frame, Add	*1,216.17*	
		For Type 316 Stainless Steel Frame, Add	*1,416.39*	
		For Baked Enamel Finish, Add	*244.83*	
		For 18 Gauge Frame, Deduct	*-66.74*	
		For 14 Gauge Frame, Add	*166.85*	
		For 12 Gauge Frame, Add	*253.61*	
08 12 13 13-0030	EA	5'-8" x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	981.90	151.70
		For Welded Frames, Add	*245.10*	
		For Galvanized Frames, Add	*81.42*	
		For Type 304 Stainless Steel Frame, Add	*1,236.49*	
		For Type 316 Stainless Steel Frame, Add	*1,440.04*	
		For Baked Enamel Finish, Add	*249.06*	
		For 18 Gauge Frame, Deduct	*-67.85*	
		For 14 Gauge Frame, Add	*169.63*	
		For 12 Gauge Frame, Add	*257.83*	
		For Auxiliary Frame Reinforcement For Hinges, Add	*101.78*	
08 12 13 13-0031	EA	6' x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	998.97	154.67
		For Welded Frames, Add	*245.10*	
		For Galvanized Frames, Add	*82.76*	
		For Type 304 Stainless Steel Frame, Add	*1,256.80*	
		For Type 316 Stainless Steel Frame, Add	*1,463.69*	
		For Baked Enamel Finish, Add	*253.29*	
		For 18 Gauge Frame, Deduct	*-68.96*	
		For 14 Gauge Frame, Add	*172.41*	
		For 12 Gauge Frame, Add	*262.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0032	EA	7' x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,049.41	157.65
		For Welded Frames, Add	*245.10*	
		For Galvanized Frames, Add	*88.09*	
		For Type 304 Stainless Steel Frame, Add	*1,337.18*	
		For Type 316 Stainless Steel Frame, Add	*1,557.42*	
		For Baked Enamel Finish, Add	*267.53*	
		For 18 Gauge Frame, Deduct	*-73.41*	
		For 14 Gauge Frame, Add	*183.53*	
		For 12 Gauge Frame, Add	*278.97*	
08 12 13 13-0033	EA	8' x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,099.86	160.62
		For Welded Frames, Add	*245.10*	
		For Galvanized Frames, Add	*93.43*	
		For Type 304 Stainless Steel Frame, Add	*1,417.58*	
		For Type 316 Stainless Steel Frame, Add	*1,651.16*	
		For Baked Enamel Finish, Add	*281.77*	
		For 18 Gauge Frame, Deduct	*-77.86*	
		For 14 Gauge Frame, Add	*194.66*	
		For 12 Gauge Frame, Add	*295.88*	

08 12 13 13-0034 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames *(08 12 13 13)*

Note: For non-rated or fire rated frame assemblies

08 12 13 13-0035 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames *(08 12 13 13-0034)*

08 12 13 13-0036	EA	2' x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	645.63	89.24
		For Welded Frames, Add	*245.10*	
		For Galvanized Frames, Add	*56.06*	
		For Type 304 Stainless Steel Frame, Add	*849.83*	
		For Type 316 Stainless Steel Frame, Add	*989.98*	
		For Baked Enamel Finish, Add	*166.92*	
		For 18 Gauge Frame, Deduct	*-46.72*	
		For 14 Gauge Frame, Add	*116.79*	
		For 12 Gauge Frame, Add	*177.52*	
08 12 13 13-0037	EA	2'-4" x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	752.46	98.15
		For Welded Frames, Add	*245.10*	
		For Galvanized Frames, Add	*66.74*	
		For Type 304 Stainless Steel Frame, Add	*1,010.89*	
		For Type 316 Stainless Steel Frame, Add	*1,177.73*	
		For Baked Enamel Finish, Add	*196.29*	
		For 18 Gauge Frame, Deduct	*-55.62*	
		For 14 Gauge Frame, Add	*139.04*	
		For 12 Gauge Frame, Add	*211.34*	
08 12 13 13-0038	EA	2'-6" x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	773.26	104.10
		For Welded Frames, Add	*245.10*	
		For Galvanized Frames, Add	*67.81*	
		For Type 304 Stainless Steel Frame, Add	*1,027.50*	
		For Type 316 Stainless Steel Frame, Add	*1,197.02*	
		For Baked Enamel Finish, Add	*200.75*	
		For 18 Gauge Frame, Deduct	*-56.51*	
		For 14 Gauge Frame, Add	*141.26*	
		For 12 Gauge Frame, Add	*214.72*	
08 12 13 13-0039	EA	2'-8" x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	791.11	113.03
		For Welded Frames, Add	*245.10*	
		For Galvanized Frames, Add	*67.81*	
		For Type 304 Stainless Steel Frame, Add	*1,028.39*	
		For Type 316 Stainless Steel Frame, Add	*1,197.91*	
		For Baked Enamel Finish, Add	*203.42*	
		For 18 Gauge Frame, Deduct	*-56.51*	
		For 14 Gauge Frame, Add	*141.26*	
		For 12 Gauge Frame, Add	*214.72*	
08 12 13 13-0040	EA	2'-10" x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	805.96	116.00
		For Welded Frames, Add	*245.10*	
		For Galvanized Frames, Add	*68.87*	
		For Type 304 Stainless Steel Frame, Add	*1,044.71*	
		For Type 316 Stainless Steel Frame, Add	*1,216.90*	
		For Baked Enamel Finish, Add	*206.99*	
		For 18 Gauge Frame, Deduct	*-57.40*	
		For 14 Gauge Frame, Add	*143.49*	
		For 12 Gauge Frame, Add	*218.10*	
		For Auxiliary Frame Reinforcement For Hinges, Add	*86.09*	
08 12 13 13-0041	EA	3' x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	820.81	118.98
		For Welded Frames, Add	*245.10*	
		For Galvanized Frames, Add	*69.94*	
		For Type 304 Stainless Steel Frame, Add	*1,061.03*	
		For Type 316 Stainless Steel Frame, Add	*1,235.88*	
		For Baked Enamel Finish, Add	*210.55*	
		For 18 Gauge Frame, Deduct	*-58.29*	
		For 14 Gauge Frame, Add	*145.71*	
		For 12 Gauge Frame, Add	*221.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0042	EA	3'-4" x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	872.74	124.93
		For Welded Frames, Add	*245.10*	
		For Galvanized Frames, Add	*74.75*	
		For Type 304 Stainless Steel Frame, Add	*1,133.69*	
		For Type 316 Stainless Steel Frame, Add	*1,320.56*	
		For Baked Enamel Finish, Add	*224.34*	
		For 18 Gauge Frame, Deduct	*-62.29*	
		For 14 Gauge Frame, Add	*155.72*	
		For 12 Gauge Frame, Add	*236.70*	
08 12 13 13-0043	EA	3'-6" x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	884.64	130.88
		For Welded Frames, Add	*245.10*	
		For Galvanized Frames, Add	*74.75*	
		For Type 304 Stainless Steel Frame, Add	*1,134.29*	
		For Type 316 Stainless Steel Frame, Add	*1,321.16*	
		For Baked Enamel Finish, Add	*226.13*	
		For 18 Gauge Frame, Deduct	*-62.29*	
		For 14 Gauge Frame, Add	*155.72*	
		For 12 Gauge Frame, Add	*236.70*	
08 12 13 13-0044	EA	4' x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	918.79	136.82
		For Welded Frames, Add	*245.10*	
		For Galvanized Frames, Add	*77.42*	
		For Type 304 Stainless Steel Frame, Add	*1,174.93*	
		For Type 316 Stainless Steel Frame, Add	*1,368.48*	
		For Baked Enamel Finish, Add	*234.59*	
		For 18 Gauge Frame, Deduct	*-64.51*	
		For 14 Gauge Frame, Add	*161.29*	
		For 12 Gauge Frame, Add	*245.15*	
08 12 13 13-0045	EA	5' x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	952.94	142.77
		For Welded Frames, Add	*245.10*	
		For Galvanized Frames, Add	*80.09*	
		For Type 304 Stainless Steel Frame, Add	*1,215.58*	
		For Type 316 Stainless Steel Frame, Add	*1,415.80*	
		For Baked Enamel Finish, Add	*243.05*	
		For 18 Gauge Frame, Deduct	*-66.74*	
		For 14 Gauge Frame, Add	*166.85*	
		For 12 Gauge Frame, Add	*253.61*	
08 12 13 13-0046	EA	5'-4" x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	964.83	148.72
		For Welded Frames, Add	*245.10*	
		For Galvanized Frames, Add	*80.09*	
		For Type 304 Stainless Steel Frame, Add	*1,216.17*	
		For Type 316 Stainless Steel Frame, Add	*1,416.39*	
		For Baked Enamel Finish, Add	*244.83*	
		For 18 Gauge Frame, Deduct	*-66.74*	
		For 14 Gauge Frame, Add	*166.85*	
		For 12 Gauge Frame, Add	*253.61*	
08 12 13 13-0047	EA	5'-8" x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	981.90	151.70
		For Welded Frames, Add	*245.10*	
		For Galvanized Frames, Add	*81.42*	
		For Type 304 Stainless Steel Frame, Add	*1,236.49*	
		For Type 316 Stainless Steel Frame, Add	*1,440.04*	
		For Baked Enamel Finish, Add	*249.06*	
		For 18 Gauge Frame, Deduct	*-67.85*	
		For 14 Gauge Frame, Add	*169.63*	
		For 12 Gauge Frame, Add	*257.83*	
		For Auxiliary Frame Reinforcement For Hinges, Add	*101.78*	
08 12 13 13-0048	EA	6' x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	998.97	154.67
		For Welded Frames, Add	*245.10*	
		For Galvanized Frames, Add	*82.76*	
		For Type 304 Stainless Steel Frame, Add	*1,256.80*	
		For Type 316 Stainless Steel Frame, Add	*1,463.69*	
		For Baked Enamel Finish, Add	*253.29*	
		For 18 Gauge Frame, Deduct	*-68.96*	
		For 14 Gauge Frame, Add	*172.41*	
		For 12 Gauge Frame, Add	*262.06*	
08 12 13 13-0049	EA	7' x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,049.41	157.65
		For Welded Frames, Add	*245.10*	
		For Galvanized Frames, Add	*88.09*	
		For Type 304 Stainless Steel Frame, Add	*1,337.18*	
		For Type 316 Stainless Steel Frame, Add	*1,557.42*	
		For Baked Enamel Finish, Add	*267.53*	
		For 18 Gauge Frame, Deduct	*-73.41*	
		For 14 Gauge Frame, Add	*183.53*	
		For 12 Gauge Frame, Add	*278.97*	
08 12 13 13-0050	EA	8' x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,099.86	160.62
		For Welded Frames, Add	*245.10*	
		For Galvanized Frames, Add	*93.43*	
		For Type 304 Stainless Steel Frame, Add	*1,417.58*	
		For Type 316 Stainless Steel Frame, Add	*1,651.16*	
		For Baked Enamel Finish, Add	*281.77*	
		For 18 Gauge Frame, Deduct	*-77.86*	
		For 14 Gauge Frame, Add	*194.66*	
		For 12 Gauge Frame, Add	*295.88*	

08 12 13 13-0051 >7'-2" Through 9'-0" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames *(08 12 13 13-0034)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0052	EA	2' x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	697.54	89.24
		For Welded Frames, Add	*245.10*	
		For Galvanized Frames, Add	*62.29*	
		For Type 304 Stainless Steel Frame, Add	*943.27*	
		For Type 316 Stainless Steel Frame, Add	*1,098.99*	
		For Baked Enamel Finish, Add	*182.49*	
		For 18 Gauge Frame, Deduct	*-51.91*	
		For 14 Gauge Frame, Add	*129.77*	
		For 12 Gauge Frame, Add	*197.25*	
08 12 13 13-0053	EA	2'-4" x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	814.26	98.15
		For Welded Frames, Add	*245.10*	
		For Galvanized Frames, Add	*74.15*	
		For Type 304 Stainless Steel Frame, Add	*1,122.13*	
		For Type 316 Stainless Steel Frame, Add	*1,307.51*	
		For Baked Enamel Finish, Add	*214.83*	
		For 18 Gauge Frame, Deduct	*-61.80*	
		For 14 Gauge Frame, Add	*154.49*	
		For 12 Gauge Frame, Add	*234.82*	
08 12 13 13-0054	EA	2'-6" x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	836.05	104.10
		For Welded Frames, Add	*245.10*	
		For Galvanized Frames, Add	*75.34*	
		For Type 304 Stainless Steel Frame, Add	*1,140.52*	
		For Type 316 Stainless Steel Frame, Add	*1,328.87*	
		For Baked Enamel Finish, Add	*219.58*	
		For 18 Gauge Frame, Deduct	*-62.78*	
		For 14 Gauge Frame, Add	*156.96*	
		For 12 Gauge Frame, Add	*238.58*	
08 12 13 13-0055	EA	2'-8" x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	853.90	113.03
		For Welded Frames, Add	*245.10*	
		For Galvanized Frames, Add	*75.34*	
		For Type 304 Stainless Steel Frame, Add	*1,141.42*	
		For Type 316 Stainless Steel Frame, Add	*1,329.77*	
		For Baked Enamel Finish, Add	*222.26*	
		For 18 Gauge Frame, Deduct	*-62.78*	
		For 14 Gauge Frame, Add	*156.96*	
		For 12 Gauge Frame, Add	*238.58*	
08 12 13 13-0056	EA	2'-10" x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	869.73	116.00
		For Welded Frames, Add	*245.10*	
		For Galvanized Frames, Add	*76.53*	
		For Type 304 Stainless Steel Frame, Add	*1,159.50*	
		For Type 316 Stainless Steel Frame, Add	*1,350.81*	
		For Baked Enamel Finish, Add	*226.12*	
		For 18 Gauge Frame, Deduct	*-63.77*	
		For 14 Gauge Frame, Add	*159.43*	
		For 12 Gauge Frame, Add	*242.33*	
		For Auxiliary Frame Reinforcement For Hinges, Add	*95.66*	
08 12 13 13-0057	EA	3' x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	885.57	118.98
		For Welded Frames, Add	*245.10*	
		For Galvanized Frames, Add	*77.71*	
		For Type 304 Stainless Steel Frame, Add	*1,177.60*	
		For Type 316 Stainless Steel Frame, Add	*1,371.88*	
		For Baked Enamel Finish, Add	*229.98*	
		For 18 Gauge Frame, Deduct	*-64.76*	
		For 14 Gauge Frame, Add	*161.90*	
		For 12 Gauge Frame, Add	*246.09*	
08 12 13 13-0058	EA	3'-4" x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	941.95	124.93
		For Welded Frames, Add	*245.10*	
		For Galvanized Frames, Add	*83.05*	
		For Type 304 Stainless Steel Frame, Add	*1,258.27*	
		For Type 316 Stainless Steel Frame, Add	*1,465.90*	
		For Baked Enamel Finish, Add	*245.11*	
		For 18 Gauge Frame, Deduct	*-69.21*	
		For 14 Gauge Frame, Add	*173.03*	
		For 12 Gauge Frame, Add	*263.00*	
08 12 13 13-0059	EA	3'-6" x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	953.85	130.88
		For Welded Frames, Add	*245.10*	
		For Galvanized Frames, Add	*83.05*	
		For Type 304 Stainless Steel Frame, Add	*1,258.87*	
		For Type 316 Stainless Steel Frame, Add	*1,466.50*	
		For Baked Enamel Finish, Add	*246.89*	
		For 18 Gauge Frame, Deduct	*-69.21*	
		For 14 Gauge Frame, Add	*173.03*	
		For 12 Gauge Frame, Add	*263.00*	
08 12 13 13-0060	EA	4' x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	990.47	136.82
		For Welded Frames, Add	*245.10*	
		For Galvanized Frames, Add	*86.02*	
		For Type 304 Stainless Steel Frame, Add	*1,303.96*	
		For Type 316 Stainless Steel Frame, Add	*1,519.00*	
		For Baked Enamel Finish, Add	*256.09*	
		For 18 Gauge Frame, Deduct	*-71.68*	
		For 14 Gauge Frame, Add	*179.21*	
		For 12 Gauge Frame, Add	*272.39*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0061	EA	5' x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,027.09	142.77
		For Welded Frames, Add	*245.10*	
		For Galvanized Frames, Add	*88.98*	
		For Type 304 Stainless Steel Frame, Add	*1,349.05*	
		For Type 316 Stainless Steel Frame, Add	*1,571.51*	
		For Baked Enamel Finish, Add	*265.29*	
		For 18 Gauge Frame, Deduct	*-74.15*	
		For 14 Gauge Frame, Add	*185.39*	
		For 12 Gauge Frame, Add	*281.79*	
08 12 13 13-0062	EA	5'-4" x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,038.98	148.72
		For Welded Frames, Add	*245.10*	
		For Galvanized Frames, Add	*88.98*	
		For Type 304 Stainless Steel Frame, Add	*1,349.64*	
		For Type 316 Stainless Steel Frame, Add	*1,572.11*	
		For Baked Enamel Finish, Add	*267.08*	
		For 18 Gauge Frame, Deduct	*-74.15*	
		For 14 Gauge Frame, Add	*185.39*	
		For 12 Gauge Frame, Add	*281.79*	
08 12 13 13-0063	EA	5'-8" x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,057.29	151.70
		For Welded Frames, Add	*245.10*	
		For Galvanized Frames, Add	*90.47*	
		For Type 304 Stainless Steel Frame, Add	*1,372.19*	
		For Type 316 Stainless Steel Frame, Add	*1,598.36*	
		For Baked Enamel Finish, Add	*271.68*	
		For 18 Gauge Frame, Deduct	*-75.39*	
		For 14 Gauge Frame, Add	*188.48*	
		For 12 Gauge Frame, Add	*286.48*	
		For Auxiliary Frame Reinforcement For Hinges, Add	*113.09*	
08 12 13 13-0064	EA	6' x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,075.60	154.67
		For Welded Frames, Add	*245.10*	
		For Galvanized Frames, Add	*91.95*	
		For Type 304 Stainless Steel Frame, Add	*1,394.74*	
		For Type 316 Stainless Steel Frame, Add	*1,624.61*	
		For Baked Enamel Finish, Add	*276.28*	
		For 18 Gauge Frame, Deduct	*-76.63*	
		For 14 Gauge Frame, Add	*191.57*	
		For 12 Gauge Frame, Add	*291.18*	
08 12 13 13-0065	EA	7' x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,130.98	157.65
		For Welded Frames, Add	*245.10*	
		For Galvanized Frames, Add	*97.88*	
		For Type 304 Stainless Steel Frame, Add	*1,484.01*	
		For Type 316 Stainless Steel Frame, Add	*1,728.71*	
		For Baked Enamel Finish, Add	*292.00*	
		For 18 Gauge Frame, Deduct	*-81.57*	
		For 14 Gauge Frame, Add	*203.92*	
		For 12 Gauge Frame, Add	*309.96*	
08 12 13 13-0066	EA	8' x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,186.37	160.62
		For Welded Frames, Add	*245.10*	
		For Galvanized Frames, Add	*103.82*	
		For Type 304 Stainless Steel Frame, Add	*1,573.30*	
		For Type 316 Stainless Steel Frame, Add	*1,832.84*	
		For Baked Enamel Finish, Add	*307.73*	
		For 18 Gauge Frame, Deduct	*-86.51*	
		For 14 Gauge Frame, Add	*216.28*	
		For 12 Gauge Frame, Add	*328.75*	

08 12 13 13-0067 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames *(08 12 13 13)*

Note: For non-rated or fire rated frame assemblies

08 12 13 13-0068 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames *(08 12 13 13-0067)*

08 12 13 13-0069	EA	2' x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	918.04	89.24
		For Welded Frames, Add	*245.10*	
		For Galvanized Frames, Add	*88.75*	
		For Type 304 Stainless Steel Frame, Add	*1,340.17*	
		For Type 316 Stainless Steel Frame, Add	*1,562.04*	
		For Baked Enamel Finish, Add	*248.64*	
		For 18 Gauge Frame, Deduct	*-73.96*	
		For 14 Gauge Frame, Add	*184.90*	
		For 12 Gauge Frame, Add	*281.04*	
08 12 13 13-0070	EA	2'-4" x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,076.76	98.15
		For Welded Frames, Add	*245.10*	
		For Galvanized Frames, Add	*105.65*	
		For Type 304 Stainless Steel Frame, Add	*1,594.63*	
		For Type 316 Stainless Steel Frame, Add	*1,858.76*	
		For Baked Enamel Finish, Add	*293.58*	
		For 18 Gauge Frame, Deduct	*-88.05*	
		For 14 Gauge Frame, Add	*220.11*	
		For 12 Gauge Frame, Add	*334.57*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0071	EA	2'-6" x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,102.75	104.10
		For Welded Frames, Add	*245.10*	
		For Galvanized Frames, Add	*107.34*	
		For Type 304 Stainless Steel Frame, Add	*1,620.58*	
		For Type 316 Stainless Steel Frame, Add	*1,888.94*	
		For Baked Enamel Finish, Add	*299.59*	
		For 18 Gauge Frame, Deduct	*-89.45*	
		For 14 Gauge Frame, Add	*223.64*	
		For 12 Gauge Frame, Add	*339.93*	
08 12 13 13-0072	EA	2'-8" x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,120.60	113.03
		For Welded Frames, Add	*245.10*	
		For Galvanized Frames, Add	*107.34*	
		For Type 304 Stainless Steel Frame, Add	*1,621.48*	
		For Type 316 Stainless Steel Frame, Add	*1,889.84*	
		For Baked Enamel Finish, Add	*302.27*	
		For 18 Gauge Frame, Deduct	*-89.45*	
		For 14 Gauge Frame, Add	*223.64*	
		For 12 Gauge Frame, Add	*339.93*	
08 12 13 13-0073	EA	2'-10" x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,140.64	116.00
		For Welded Frames, Add	*245.10*	
		For Galvanized Frames, Add	*109.04*	
		For Type 304 Stainless Steel Frame, Add	*1,647.13*	
		For Type 316 Stainless Steel Frame, Add	*1,919.72*	
		For Baked Enamel Finish, Add	*307.39*	
		For 18 Gauge Frame, Deduct	*-90.86*	
		For 14 Gauge Frame, Add	*227.16*	
		For 12 Gauge Frame, Add	*345.28*	
		For Auxiliary Frame Reinforcement For Hinges, Add	*136.29*	
08 12 13 13-0074	EA	3' x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,160.68	118.98
		For Welded Frames, Add	*245.10*	
		For Galvanized Frames, Add	*110.73*	
		For Type 304 Stainless Steel Frame, Add	*1,672.79*	
		For Type 316 Stainless Steel Frame, Add	*1,949.61*	
		For Baked Enamel Finish, Add	*312.51*	
		For 18 Gauge Frame, Deduct	*-92.27*	
		For 14 Gauge Frame, Add	*230.68*	
		For 12 Gauge Frame, Add	*350.63*	
08 12 13 13-0075	EA	3'-4" x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,235.96	124.93
		For Welded Frames, Add	*245.10*	
		For Galvanized Frames, Add	*118.33*	
		For Type 304 Stainless Steel Frame, Add	*1,787.49*	
		For Type 316 Stainless Steel Frame, Add	*2,083.32*	
		For Baked Enamel Finish, Add	*333.31*	
		For 18 Gauge Frame, Deduct	*-98.61*	
		For 14 Gauge Frame, Add	*246.53*	
		For 12 Gauge Frame, Add	*374.72*	
08 12 13 13-0076	EA	3'-6" x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,247.86	130.88
		For Welded Frames, Add	*245.10*	
		For Galvanized Frames, Add	*118.33*	
		For Type 304 Stainless Steel Frame, Add	*1,788.09*	
		For Type 316 Stainless Steel Frame, Add	*2,083.92*	
		For Baked Enamel Finish, Add	*335.10*	
		For 18 Gauge Frame, Deduct	*-98.61*	
		For 14 Gauge Frame, Add	*246.53*	
		For 12 Gauge Frame, Add	*374.72*	
08 12 13 13-0077	EA	4' x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,294.98	136.82
		For Welded Frames, Add	*245.10*	
		For Galvanized Frames, Add	*122.56*	
		For Type 304 Stainless Steel Frame, Add	*1,852.08*	
		For Type 316 Stainless Steel Frame, Add	*2,158.48*	
		For Baked Enamel Finish, Add	*347.45*	
		For 18 Gauge Frame, Deduct	*-102.13*	
		For 14 Gauge Frame, Add	*255.33*	
		For 12 Gauge Frame, Add	*388.11*	
08 12 13 13-0078	EA	5' x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,342.09	142.77
		For Welded Frames, Add	*245.10*	
		For Galvanized Frames, Add	*126.78*	
		For Type 304 Stainless Steel Frame, Add	*1,916.05*	
		For Type 316 Stainless Steel Frame, Add	*2,233.01*	
		For Baked Enamel Finish, Add	*359.79*	
		For 18 Gauge Frame, Deduct	*-105.65*	
		For 14 Gauge Frame, Add	*264.14*	
		For 12 Gauge Frame, Add	*401.49*	
08 12 13 13-0079	EA	5'-4" x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,353.98	148.72
		For Welded Frames, Add	*245.10*	
		For Galvanized Frames, Add	*126.78*	
		For Type 304 Stainless Steel Frame, Add	*1,916.64*	
		For Type 316 Stainless Steel Frame, Add	*2,233.61*	
		For Baked Enamel Finish, Add	*361.58*	
		For 18 Gauge Frame, Deduct	*-105.65*	
		For 14 Gauge Frame, Add	*264.14*	
		For 12 Gauge Frame, Add	*401.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0080	EA	5'-8" x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,377.54	151.70
		For Welded Frames, Add	*245.10*	
		For Galvanized Frames, Add	*128.90*	
		For Type 304 Stainless Steel Frame, Add	*1,948.64*	
		For Type 316 Stainless Steel Frame, Add	*2,270.88*	
		For Baked Enamel Finish, Add	*367.75*	
		For 18 Gauge Frame, Deduct	*-107.42*	
		For 14 Gauge Frame, Add	*268.54*	
		For 12 Gauge Frame, Add	*408.18*	
		For Auxiliary Frame Reinforcement For Hinges, Add	*161.12*	
08 12 13 13-0081	EA	6' x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,401.10	154.67
		For Welded Frames, Add	*245.10*	
		For Galvanized Frames, Add	*131.01*	
		For Type 304 Stainless Steel Frame, Add	*1,980.64*	
		For Type 316 Stainless Steel Frame, Add	*2,308.16*	
		For Baked Enamel Finish, Add	*373.93*	
		For 18 Gauge Frame, Deduct	*-109.18*	
		For 14 Gauge Frame, Add	*272.94*	
		For 12 Gauge Frame, Add	*414.87*	
08 12 13 13-0082	EA	7' x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,477.48	157.65
		For Welded Frames, Add	*245.10*	
		For Galvanized Frames, Add	*139.46*	
		For Type 304 Stainless Steel Frame, Add	*2,107.71*	
		For Type 316 Stainless Steel Frame, Add	*2,456.36*	
		For Baked Enamel Finish, Add	*395.95*	
		For 18 Gauge Frame, Deduct	*-116.22*	
		For 14 Gauge Frame, Add	*290.55*	
		For 12 Gauge Frame, Add	*441.63*	
08 12 13 13-0083	EA	8' x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,553.88	160.62
		For Welded Frames, Add	*245.10*	
		For Galvanized Frames, Add	*147.92*	
		For Type 304 Stainless Steel Frame, Add	*2,234.81*	
		For Type 316 Stainless Steel Frame, Add	*2,604.61*	
		For Baked Enamel Finish, Add	*417.98*	
		For 18 Gauge Frame, Deduct	*-123.26*	
		For 14 Gauge Frame, Add	*308.16*	
		For 12 Gauge Frame, Add	*468.40*	

08 12 13 13-0084 >7'-2" Through 9'-0" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames *(08 12 13 13-0067)*

08 12 13 13-0085	EA	2' x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,000.22	89.24
		For Welded Frames, Add	*245.10*	
		For Galvanized Frames, Add	*98.61*	
		For Type 304 Stainless Steel Frame, Add	*1,488.09*	
		For Type 316 Stainless Steel Frame, Add	*1,734.62*	
		For Baked Enamel Finish, Add	*273.30*	
		For 18 Gauge Frame, Deduct	*-82.18*	
		For 14 Gauge Frame, Add	*205.44*	
		For 12 Gauge Frame, Add	*312.27*	
08 12 13 13-0086	EA	2'-4" x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,174.59	98.15
		For Welded Frames, Add	*245.10*	
		For Galvanized Frames, Add	*117.39*	
		For Type 304 Stainless Steel Frame, Add	*1,770.72*	
		For Type 316 Stainless Steel Frame, Add	*2,064.20*	
		For Baked Enamel Finish, Add	*322.93*	
		For 18 Gauge Frame, Deduct	*-97.83*	
		For 14 Gauge Frame, Add	*244.57*	
		For 12 Gauge Frame, Add	*371.75*	
08 12 13 13-0087	EA	2'-6" x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,202.14	104.10
		For Welded Frames, Add	*245.10*	
		For Galvanized Frames, Add	*119.27*	
		For Type 304 Stainless Steel Frame, Add	*1,799.48*	
		For Type 316 Stainless Steel Frame, Add	*2,097.66*	
		For Baked Enamel Finish, Add	*329.41*	
		For 18 Gauge Frame, Deduct	*-99.39*	
		For 14 Gauge Frame, Add	*248.48*	
		For 12 Gauge Frame, Add	*377.69*	
08 12 13 13-0088	EA	2'-8" x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,219.99	113.03
		For Welded Frames, Add	*245.10*	
		For Galvanized Frames, Add	*119.27*	
		For Type 304 Stainless Steel Frame, Add	*1,800.38*	
		For Type 316 Stainless Steel Frame, Add	*2,098.56*	
		For Baked Enamel Finish, Add	*332.09*	
		For 18 Gauge Frame, Deduct	*-99.39*	
		For 14 Gauge Frame, Add	*248.48*	
		For 12 Gauge Frame, Add	*377.69*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0089	EA	2'-10" x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,241.60	116.00
		For Welded Frames, Add	*245.10*	
		For Galvanized Frames, Add	*121.15*	
		For Type 304 Stainless Steel Frame, Add	*1,828.86*	
		For Type 316 Stainless Steel Frame, Add	*2,131.74*	
		For Baked Enamel Finish, Add	*337.68*	
		For 18 Gauge Frame, Deduct	*-100.96*	
		For 14 Gauge Frame, Add	*252.40*	
		For 12 Gauge Frame, Add	*383.64*	
		For Auxiliary Frame Reinforcement For Hinges, Add	*151.44*	
08 12 13 13-0090	EA	3' x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,263.20	118.98
		For Welded Frames, Add	*245.10*	
		For Galvanized Frames, Add	*123.03*	
		For Type 304 Stainless Steel Frame, Add	*1,857.33*	
		For Type 316 Stainless Steel Frame, Add	*2,164.90*	
		For Baked Enamel Finish, Add	*343.27*	
		For 18 Gauge Frame, Deduct	*-102.52*	
		For 14 Gauge Frame, Add	*256.31*	
		For 12 Gauge Frame, Add	*389.59*	
08 12 13 13-0091	EA	3'-4" x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,345.53	124.93
		For Welded Frames, Add	*245.10*	
		For Galvanized Frames, Add	*131.48*	
		For Type 304 Stainless Steel Frame, Add	*1,984.72*	
		For Type 316 Stainless Steel Frame, Add	*2,313.42*	
		For Baked Enamel Finish, Add	*366.18*	
		For 18 Gauge Frame, Deduct	*-109.57*	
		For 14 Gauge Frame, Add	*273.92*	
		For 12 Gauge Frame, Add	*416.36*	
08 12 13 13-0092	EA	3'-6" x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,357.43	130.88
		For Welded Frames, Add	*245.10*	
		For Galvanized Frames, Add	*131.48*	
		For Type 304 Stainless Steel Frame, Add	*1,985.31*	
		For Type 316 Stainless Steel Frame, Add	*2,314.02*	
		For Baked Enamel Finish, Add	*367.97*	
		For 18 Gauge Frame, Deduct	*-109.57*	
		For 14 Gauge Frame, Add	*273.92*	
		For 12 Gauge Frame, Add	*416.36*	
08 12 13 13-0093	EA	4' x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,408.46	136.82
		For Welded Frames, Add	*245.10*	
		For Galvanized Frames, Add	*136.18*	
		For Type 304 Stainless Steel Frame, Add	*2,056.34*	
		For Type 316 Stainless Steel Frame, Add	*2,396.78*	
		For Baked Enamel Finish, Add	*381.49*	
		For 18 Gauge Frame, Deduct	*-113.48*	
		For 14 Gauge Frame, Add	*283.70*	
		For 12 Gauge Frame, Add	*431.23*	
08 12 13 13-0094	EA	5' x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,459.49	142.77
		For Welded Frames, Add	*245.10*	
		For Galvanized Frames, Add	*140.87*	
		For Type 304 Stainless Steel Frame, Add	*2,127.37*	
		For Type 316 Stainless Steel Frame, Add	*2,479.55*	
		For Baked Enamel Finish, Add	*395.01*	
		For 18 Gauge Frame, Deduct	*-117.39*	
		For 14 Gauge Frame, Add	*293.49*	
		For 12 Gauge Frame, Add	*446.10*	
08 12 13 13-0095	EA	5'-4" x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,471.38	148.72
		For Welded Frames, Add	*245.10*	
		For Galvanized Frames, Add	*140.87*	
		For Type 304 Stainless Steel Frame, Add	*2,127.96*	
		For Type 316 Stainless Steel Frame, Add	*2,480.15*	
		For Baked Enamel Finish, Add	*396.80*	
		For 18 Gauge Frame, Deduct	*-117.39*	
		For 14 Gauge Frame, Add	*293.49*	
		For 12 Gauge Frame, Add	*446.10*	
08 12 13 13-0096	EA	5'-8" x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,496.89	151.70
		For Welded Frames, Add	*245.10*	
		For Galvanized Frames, Add	*143.22*	
		For Type 304 Stainless Steel Frame, Add	*2,163.47*	
		For Type 316 Stainless Steel Frame, Add	*2,521.52*	
		For Baked Enamel Finish, Add	*403.56*	
		For 18 Gauge Frame, Deduct	*-119.35*	
		For 14 Gauge Frame, Add	*298.38*	
		For 12 Gauge Frame, Add	*453.53*	
		For Auxiliary Frame Reinforcement For Hinges, Add	*179.03*	
08 12 13 13-0097	EA	6' x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,522.41	154.67
		For Welded Frames, Add	*245.10*	
		For Galvanized Frames, Add	*145.57*	
		For Type 304 Stainless Steel Frame, Add	*2,198.99*	
		For Type 316 Stainless Steel Frame, Add	*2,562.91*	
		For Baked Enamel Finish, Add	*410.32*	
		For 18 Gauge Frame, Deduct	*-121.31*	
		For 14 Gauge Frame, Add	*303.27*	
		For 12 Gauge Frame, Add	*460.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0098	EA	7' x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,606.61	157.65
		For Welded Frames, Add	*245.10*	
		For Galvanized Frames, Add	*154.96*	
		For Type 304 Stainless Steel Frame, Add	*2,340.14*	
		For Type 316 Stainless Steel Frame, Add	*2,727.54*	
		For Baked Enamel Finish, Add	*434.69*	
		For 18 Gauge Frame, Deduct	*-129.13*	
		For 14 Gauge Frame, Add	*322.83*	
		For 12 Gauge Frame, Add	*490.70*	
08 12 13 13-0099	EA	8' x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,690.83	160.62
		For Welded Frames, Add	*245.10*	
		For Galvanized Frames, Add	*164.35*	
		For Type 304 Stainless Steel Frame, Add	*2,481.32*	
		For Type 316 Stainless Steel Frame, Add	*2,892.20*	
		For Baked Enamel Finish, Add	*459.06*	
		For 18 Gauge Frame, Deduct	*-136.96*	
		For 14 Gauge Frame, Add	*342.40*	
		For 12 Gauge Frame, Add	*520.44*	

08 12 13 13-0100 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames *(08 12 13 13)*

Note: For non-rated or fire rated frame assemblies

08 12 13 13-0101 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames *(08 12 13 13-0100)*

08 12 13 13-0102	EA	2' x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	973.51	89.24
		For Welded Frames, Add	*245.10*	
		For Galvanized Frames, Add	*95.41*	
		For Type 304 Stainless Steel Frame, Add	*1,440.01*	
		For Type 316 Stainless Steel Frame, Add	*1,678.53*	
		For Baked Enamel Finish, Add	*265.28*	
		For 18 Gauge Frame, Deduct	*-79.51*	
		For 14 Gauge Frame, Add	*198.76*	
		For 12 Gauge Frame, Add	*302.12*	
		For Auxiliary Frame Reinforcement For Hinges, Add	*119.26*	
08 12 13 13-0103	EA	2'-4" x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,142.80	98.15
		For Welded Frames, Add	*245.10*	
		For Galvanized Frames, Add	*113.58*	
		For Type 304 Stainless Steel Frame, Add	*1,713.50*	
		For Type 316 Stainless Steel Frame, Add	*1,997.44*	
		For Baked Enamel Finish, Add	*313.39*	
		For 18 Gauge Frame, Deduct	*-94.65*	
		For 14 Gauge Frame, Add	*236.62*	
		For 12 Gauge Frame, Add	*359.67*	
		For Auxiliary Frame Reinforcement For Hinges, Add	*141.97*	
08 12 13 13-0104	EA	2'-6" x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,169.84	104.10
		For Welded Frames, Add	*245.10*	
		For Galvanized Frames, Add	*115.40*	
		For Type 304 Stainless Steel Frame, Add	*1,741.34*	
		For Type 316 Stainless Steel Frame, Add	*2,029.83*	
		For Baked Enamel Finish, Add	*319.72*	
		For 18 Gauge Frame, Deduct	*-96.16*	
		For 14 Gauge Frame, Add	*240.41*	
		For 12 Gauge Frame, Add	*365.42*	
		For Auxiliary Frame Reinforcement For Hinges, Add	*144.24*	
08 12 13 13-0105	EA	2'-8" x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,187.69	113.03
		For Welded Frames, Add	*245.10*	
		For Galvanized Frames, Add	*115.40*	
		For Type 304 Stainless Steel Frame, Add	*1,742.24*	
		For Type 316 Stainless Steel Frame, Add	*2,030.73*	
		For Baked Enamel Finish, Add	*322.40*	
		For 18 Gauge Frame, Deduct	*-96.16*	
		For 14 Gauge Frame, Add	*240.41*	
		For 12 Gauge Frame, Add	*365.42*	
		For Auxiliary Frame Reinforcement For Hinges, Add	*144.24*	
08 12 13 13-0106	EA	2'-10" x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,208.79	116.00
		For Welded Frames, Add	*245.10*	
		For Galvanized Frames, Add	*117.21*	
		For Type 304 Stainless Steel Frame, Add	*1,769.80*	
		For Type 316 Stainless Steel Frame, Add	*2,062.84*	
		For Baked Enamel Finish, Add	*327.84*	
		For 18 Gauge Frame, Deduct	*-97.68*	
		For 14 Gauge Frame, Add	*244.20*	
		For 12 Gauge Frame, Add	*371.18*	
		For Auxiliary Frame Reinforcement For Hinges, Add	*146.52*	
08 12 13 13-0107	EA	3' x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,229.88	118.98
		For Welded Frames, Add	*245.10*	
		For Galvanized Frames, Add	*119.03*	
		For Type 304 Stainless Steel Frame, Add	*1,797.35*	
		For Type 316 Stainless Steel Frame, Add	*2,094.93*	
		For Baked Enamel Finish, Add	*333.27*	
		For 18 Gauge Frame, Deduct	*-99.19*	
		For 14 Gauge Frame, Add	*247.98*	
		For 12 Gauge Frame, Add	*376.93*	
		For Auxiliary Frame Reinforcement For Hinges, Add	*148.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0108	EA	3'-4" x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,309.92	124.93
		For Welded Frames, Add	*245.10*	
		For Galvanized Frames, Add	*127.21*	
		For Type 304 Stainless Steel Frame, Add	*1,920.62*	
		For Type 316 Stainless Steel Frame, Add	*2,238.64*	
		For Baked Enamel Finish, Add	*355.50*	
		For 18 Gauge Frame, Deduct	*-106.01*	
		For 14 Gauge Frame, Add	*265.02*	
		For 12 Gauge Frame, Add	*402.83*	
		For Auxiliary Frame Reinforcement For Hinges, Add	*159.01*	
08 12 13 13-0109	EA	3'-6" x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,321.82	130.88
		For Welded Frames, Add	*245.10*	
		For Galvanized Frames, Add	*127.21*	
		For Type 304 Stainless Steel Frame, Add	*1,921.21*	
		For Type 316 Stainless Steel Frame, Add	*2,239.23*	
		For Baked Enamel Finish, Add	*357.28*	
		For 18 Gauge Frame, Deduct	*-106.01*	
		For 14 Gauge Frame, Add	*265.02*	
		For 12 Gauge Frame, Add	*402.83*	
		For Auxiliary Frame Reinforcement For Hinges, Add	*159.01*	
08 12 13 13-0110	EA	4' x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,371.58	136.82
		For Welded Frames, Add	*245.10*	
		For Galvanized Frames, Add	*131.75*	
		For Type 304 Stainless Steel Frame, Add	*1,989.96*	
		For Type 316 Stainless Steel Frame, Add	*2,319.34*	
		For Baked Enamel Finish, Add	*370.43*	
		For 18 Gauge Frame, Deduct	*-109.79*	
		For 14 Gauge Frame, Add	*274.48*	
		For 12 Gauge Frame, Add	*417.21*	
		For Auxiliary Frame Reinforcement For Hinges, Add	*164.69*	
08 12 13 13-0111	EA	5' x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,421.34	142.77
		For Welded Frames, Add	*245.10*	
		For Galvanized Frames, Add	*136.29*	
		For Type 304 Stainless Steel Frame, Add	*2,058.70*	
		For Type 316 Stainless Steel Frame, Add	*2,399.44*	
		For Baked Enamel Finish, Add	*383.57*	
		For 18 Gauge Frame, Deduct	*-113.58*	
		For 14 Gauge Frame, Add	*283.95*	
		For 12 Gauge Frame, Add	*431.60*	
		For Auxiliary Frame Reinforcement For Hinges, Add	*170.37*	
08 12 13 13-0112	EA	5'-4" x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,433.23	148.72
		For Welded Frames, Add	*245.10*	
		For Galvanized Frames, Add	*136.29*	
		For Type 304 Stainless Steel Frame, Add	*2,059.29*	
		For Type 316 Stainless Steel Frame, Add	*2,400.03*	
		For Baked Enamel Finish, Add	*385.35*	
		For 18 Gauge Frame, Deduct	*-113.58*	
		For 14 Gauge Frame, Add	*283.95*	
		For 12 Gauge Frame, Add	*431.60*	
		For Auxiliary Frame Reinforcement For Hinges, Add	*170.37*	
08 12 13 13-0113	EA	5'-8" x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,458.11	151.70
		For Welded Frames, Add	*245.10*	
		For Galvanized Frames, Add	*138.57*	
		For Type 304 Stainless Steel Frame, Add	*2,093.67*	
		For Type 316 Stainless Steel Frame, Add	*2,440.08*	
		For Baked Enamel Finish, Add	*391.92*	
		For 18 Gauge Frame, Deduct	*-115.47*	
		For 14 Gauge Frame, Add	*288.68*	
		For 12 Gauge Frame, Add	*438.79*	
		For Auxiliary Frame Reinforcement For Hinges, Add	*173.21*	
08 12 13 13-0114	EA	6' x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,482.99	154.67
		For Welded Frames, Add	*245.10*	
		For Galvanized Frames, Add	*140.84*	
		For Type 304 Stainless Steel Frame, Add	*2,128.04*	
		For Type 316 Stainless Steel Frame, Add	*2,480.13*	
		For Baked Enamel Finish, Add	*398.50*	
		For 18 Gauge Frame, Deduct	*-117.37*	
		For 14 Gauge Frame, Add	*293.41*	
		For 12 Gauge Frame, Add	*445.99*	
		For Auxiliary Frame Reinforcement For Hinges, Add	*176.05*	
08 12 13 13-0115	EA	7' x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,564.65	157.65
		For Welded Frames, Add	*245.10*	
		For Galvanized Frames, Add	*149.92*	
		For Type 304 Stainless Steel Frame, Add	*2,264.61*	
		For Type 316 Stainless Steel Frame, Add	*2,639.42*	
		For Baked Enamel Finish, Add	*422.10*	
		For 18 Gauge Frame, Deduct	*-124.94*	
		For 14 Gauge Frame, Add	*312.34*	
		For 12 Gauge Frame, Add	*474.76*	
		For Auxiliary Frame Reinforcement For Hinges, Add	*187.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0116	EA	8' x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,646.32	160.62
		For Welded Frames, Add	*245.10*	
		For Galvanized Frames, Add	*159.01*	
		For Type 304 Stainless Steel Frame, Add	*2,401.21*	
		For Type 316 Stainless Steel Frame, Add	*2,798.73*	
		For Baked Enamel Finish, Add	*445.71*	
		For 18 Gauge Frame, Deduct	*-132.51*	
		For 14 Gauge Frame, Add	*331.27*	
		For 12 Gauge Frame, Add	*503.53*	
		For Auxiliary Frame Reinforcement For Hinges, Add	*198.76*	

08 12 13 13-0117 >7'-2" Through 9'-0" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames *(08 12 13 13-0100)*

08 12 13 13-0118	EA	2' x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,061.85	89.24
		For Welded Frames, Add	*245.10*	
		For Galvanized Frames, Add	*106.01*	
		For Type 304 Stainless Steel Frame, Add	*1,599.03*	
		For Type 316 Stainless Steel Frame, Add	*1,864.04*	
		For Baked Enamel Finish, Add	*291.79*	
		For 18 Gauge Frame, Deduct	*-88.34*	
		For 14 Gauge Frame, Add	*220.85*	
		For 12 Gauge Frame, Add	*335.69*	
		For Auxiliary Frame Reinforcement For Hinges, Add	*132.51*	
08 12 13 13-0119	EA	2'-4" x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,247.96	98.15
		For Welded Frames, Add	*245.10*	
		For Galvanized Frames, Add	*126.20*	
		For Type 304 Stainless Steel Frame, Add	*1,902.79*	
		For Type 316 Stainless Steel Frame, Add	*2,218.28*	
		For Baked Enamel Finish, Add	*344.94*	
		For 18 Gauge Frame, Deduct	*-105.17*	
		For 14 Gauge Frame, Add	*262.91*	
		For 12 Gauge Frame, Add	*399.63*	
		For Auxiliary Frame Reinforcement For Hinges, Add	*157.75*	
08 12 13 13-0120	EA	2'-6" x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,276.69	104.10
		For Welded Frames, Add	*245.10*	
		For Galvanized Frames, Add	*128.22*	
		For Type 304 Stainless Steel Frame, Add	*1,933.67*	
		For Type 316 Stainless Steel Frame, Add	*2,254.22*	
		For Baked Enamel Finish, Add	*351.78*	
		For 18 Gauge Frame, Deduct	*-106.85*	
		For 14 Gauge Frame, Add	*267.12*	
		For 12 Gauge Frame, Add	*406.02*	
		For Auxiliary Frame Reinforcement For Hinges, Add	*160.27*	
08 12 13 13-0121	EA	2'-8" x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,294.54	113.03
		For Welded Frames, Add	*245.10*	
		For Galvanized Frames, Add	*128.22*	
		For Type 304 Stainless Steel Frame, Add	*1,934.57*	
		For Type 316 Stainless Steel Frame, Add	*2,255.11*	
		For Baked Enamel Finish, Add	*354.45*	
		For 18 Gauge Frame, Deduct	*-106.85*	
		For 14 Gauge Frame, Add	*267.12*	
		For 12 Gauge Frame, Add	*406.02*	
		For Auxiliary Frame Reinforcement For Hinges, Add	*160.27*	
08 12 13 13-0122	EA	2'-10" x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,317.32	116.00
		For Welded Frames, Add	*245.10*	
		For Galvanized Frames, Add	*130.24*	
		For Type 304 Stainless Steel Frame, Add	*1,965.16*	
		For Type 316 Stainless Steel Frame, Add	*2,290.75*	
		For Baked Enamel Finish, Add	*360.39*	
		For 18 Gauge Frame, Deduct	*-108.53*	
		For 14 Gauge Frame, Add	*271.33*	
		For 12 Gauge Frame, Add	*412.42*	
		For Auxiliary Frame Reinforcement For Hinges, Add	*162.80*	
08 12 13 13-0123	EA	3' x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,340.09	118.98
		For Welded Frames, Add	*245.10*	
		For Galvanized Frames, Add	*132.26*	
		For Type 304 Stainless Steel Frame, Add	*1,995.73*	
		For Type 316 Stainless Steel Frame, Add	*2,326.37*	
		For Baked Enamel Finish, Add	*366.33*	
		For 18 Gauge Frame, Deduct	*-110.21*	
		For 14 Gauge Frame, Add	*275.53*	
		For 12 Gauge Frame, Add	*418.81*	
		For Auxiliary Frame Reinforcement For Hinges, Add	*165.32*	
08 12 13 13-0124	EA	3'-4" x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,427.70	124.93
		For Welded Frames, Add	*245.10*	
		For Galvanized Frames, Add	*141.34*	
		For Type 304 Stainless Steel Frame, Add	*2,132.62*	
		For Type 316 Stainless Steel Frame, Add	*2,485.98*	
		For Baked Enamel Finish, Add	*390.83*	
		For 18 Gauge Frame, Deduct	*-117.79*	
		For 14 Gauge Frame, Add	*294.46*	
		For 12 Gauge Frame, Add	*447.58*	
		For Auxiliary Frame Reinforcement For Hinges, Add	*176.68*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0125	EA	3'-6" x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,439.60	130.88
		For Welded Frames, Add	*245.10*	
		For Galvanized Frames, Add	*141.34*	
		For Type 304 Stainless Steel Frame, Add	*2,133.22*	
		For Type 316 Stainless Steel Frame, Add	*2,486.57*	
		For Baked Enamel Finish, Add	*392.62*	
		For 18 Gauge Frame, Deduct	*-117.79*	
		For 14 Gauge Frame, Add	*294.46*	
		For 12 Gauge Frame, Add	*447.58*	
		For Auxiliary Frame Reinforcement For Hinges, Add	*176.68*	
08 12 13 13-0126	EA	4' x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,493.57	136.82
		For Welded Frames, Add	*245.10*	
		For Galvanized Frames, Add	*146.39*	
		For Type 304 Stainless Steel Frame, Add	*2,209.54*	
		For Type 316 Stainless Steel Frame, Add	*2,575.51*	
		For Baked Enamel Finish, Add	*407.02*	
		For 18 Gauge Frame, Deduct	*-121.99*	
		For 14 Gauge Frame, Add	*304.98*	
		For 12 Gauge Frame, Add	*463.57*	
		For Auxiliary Frame Reinforcement For Hinges, Add	*182.99*	
08 12 13 13-0127	EA	5' x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,547.53	142.77
		For Welded Frames, Add	*245.10*	
		For Galvanized Frames, Add	*151.44*	
		For Type 304 Stainless Steel Frame, Add	*2,285.84*	
		For Type 316 Stainless Steel Frame, Add	*2,664.44*	
		For Baked Enamel Finish, Add	*421.43*	
		For 18 Gauge Frame, Deduct	*-126.20*	
		For 14 Gauge Frame, Add	*315.50*	
		For 12 Gauge Frame, Add	*479.55*	
		For Auxiliary Frame Reinforcement For Hinges, Add	*189.30*	
08 12 13 13-0128	EA	5'-4" x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,559.42	148.72
		For Welded Frames, Add	*245.10*	
		For Galvanized Frames, Add	*151.44*	
		For Type 304 Stainless Steel Frame, Add	*2,286.44*	
		For Type 316 Stainless Steel Frame, Add	*2,665.03*	
		For Baked Enamel Finish, Add	*423.21*	
		For 18 Gauge Frame, Deduct	*-126.20*	
		For 14 Gauge Frame, Add	*315.50*	
		For 12 Gauge Frame, Add	*479.55*	
		For Auxiliary Frame Reinforcement For Hinges, Add	*189.30*	
08 12 13 13-0129	EA	5'-8" x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,586.41	151.70
		For Welded Frames, Add	*245.10*	
		For Galvanized Frames, Add	*153.96*	
		For Type 304 Stainless Steel Frame, Add	*2,324.61*	
		For Type 316 Stainless Steel Frame, Add	*2,709.51*	
		For Baked Enamel Finish, Add	*430.41*	
		For 18 Gauge Frame, Deduct	*-128.30*	
		For 14 Gauge Frame, Add	*320.76*	
		For 12 Gauge Frame, Add	*487.55*	
		For Auxiliary Frame Reinforcement For Hinges, Add	*192.45*	
08 12 13 13-0130	EA	6' x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,613.39	154.67
		For Welded Frames, Add	*245.10*	
		For Galvanized Frames, Add	*156.49*	
		For Type 304 Stainless Steel Frame, Add	*2,362.76*	
		For Type 316 Stainless Steel Frame, Add	*2,753.97*	
		For Baked Enamel Finish, Add	*437.62*	
		For 18 Gauge Frame, Deduct	*-130.41*	
		For 14 Gauge Frame, Add	*326.01*	
		For 12 Gauge Frame, Add	*495.54*	
		For Auxiliary Frame Reinforcement For Hinges, Add	*195.61*	
08 12 13 13-0131	EA	7' x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,703.46	157.65
		For Welded Frames, Add	*245.10*	
		For Galvanized Frames, Add	*166.58*	
		For Type 304 Stainless Steel Frame, Add	*2,514.47*	
		For Type 316 Stainless Steel Frame, Add	*2,930.92*	
		For Baked Enamel Finish, Add	*463.74*	
		For 18 Gauge Frame, Deduct	*-138.82*	
		For 14 Gauge Frame, Add	*347.04*	
		For 12 Gauge Frame, Add	*527.50*	
		For Auxiliary Frame Reinforcement For Hinges, Add	*208.23*	
08 12 13 13-0132	EA	8' x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,793.55	160.62
		For Welded Frames, Add	*245.10*	
		For Galvanized Frames, Add	*176.68*	
		For Type 304 Stainless Steel Frame, Add	*2,666.22*	
		For Type 316 Stainless Steel Frame, Add	*3,107.91*	
		For Baked Enamel Finish, Add	*489.88*	
		For 18 Gauge Frame, Deduct	*-147.23*	
		For 14 Gauge Frame, Add	*368.08*	
		For 12 Gauge Frame, Add	*559.48*	
		For Auxiliary Frame Reinforcement For Hinges, Add	*220.85*	

08 12 13 13-0133 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames *(08 12 13 13)*

Note: For non-rated or fire rated frame assemblies

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0134		6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames *(08 12 13 13-0133)*		
08 12 13 13-0135	EA	2' x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,010.49	89.24
		For Welded Frames, Add	*245.10*	
		For Galvanized Frames, Add	*99.84*	
		For Type 304 Stainless Steel Frame, Add	*1,506.58*	
		For Type 316 Stainless Steel Frame, Add	*1,756.19*	
		For Baked Enamel Finish, Add	*276.38*	
		For 18 Gauge Frame, Deduct	*-83.20*	
		For 14 Gauge Frame, Add	*208.01*	
		For 12 Gauge Frame, Add	*316.17*	
		For Auxiliary Frame Reinforcement For Hinges, Add	*124.80*	
08 12 13 13-0136	EA	2'-4" x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,186.82	98.15
		For Welded Frames, Add	*245.10*	
		For Galvanized Frames, Add	*118.86*	
		For Type 304 Stainless Steel Frame, Add	*1,792.73*	
		For Type 316 Stainless Steel Frame, Add	*2,089.89*	
		For Baked Enamel Finish, Add	*326.60*	
		For 18 Gauge Frame, Deduct	*-99.05*	
		For 14 Gauge Frame, Add	*247.63*	
		For 12 Gauge Frame, Add	*376.39*	
		For Auxiliary Frame Reinforcement For Hinges, Add	*148.58*	
08 12 13 13-0137	EA	2'-6" x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,214.57	104.10
		For Welded Frames, Add	*245.10*	
		For Galvanized Frames, Add	*120.76*	
		For Type 304 Stainless Steel Frame, Add	*1,821.86*	
		For Type 316 Stainless Steel Frame, Add	*2,123.77*	
		For Baked Enamel Finish, Add	*333.14*	
		For 18 Gauge Frame, Deduct	*-100.64*	
		For 14 Gauge Frame, Add	*251.59*	
		For 12 Gauge Frame, Add	*382.42*	
		For Auxiliary Frame Reinforcement For Hinges, Add	*150.95*	
08 12 13 13-0138	EA	2'-8" x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,232.42	113.03
		For Welded Frames, Add	*245.10*	
		For Galvanized Frames, Add	*120.76*	
		For Type 304 Stainless Steel Frame, Add	*1,822.75*	
		For Type 316 Stainless Steel Frame, Add	*2,124.66*	
		For Baked Enamel Finish, Add	*335.82*	
		For 18 Gauge Frame, Deduct	*-100.64*	
		For 14 Gauge Frame, Add	*251.59*	
		For 12 Gauge Frame, Add	*382.42*	
		For Auxiliary Frame Reinforcement For Hinges, Add	*150.95*	
08 12 13 13-0139	EA	2'-10" x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,254.22	116.00
		For Welded Frames, Add	*245.10*	
		For Galvanized Frames, Add	*122.67*	
		For Type 304 Stainless Steel Frame, Add	*1,851.58*	
		For Type 316 Stainless Steel Frame, Add	*2,158.24*	
		For Baked Enamel Finish, Add	*341.46*	
		For 18 Gauge Frame, Deduct	*-102.22*	
		For 14 Gauge Frame, Add	*255.55*	
		For 12 Gauge Frame, Add	*388.44*	
		For Auxiliary Frame Reinforcement For Hinges, Add	*153.33*	
08 12 13 13-0140	EA	3' x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,276.02	118.98
		For Welded Frames, Add	*245.10*	
		For Galvanized Frames, Add	*124.57*	
		For Type 304 Stainless Steel Frame, Add	*1,880.41*	
		For Type 316 Stainless Steel Frame, Add	*2,191.82*	
		For Baked Enamel Finish, Add	*347.11*	
		For 18 Gauge Frame, Deduct	*-103.81*	
		For 14 Gauge Frame, Add	*259.52*	
		For 12 Gauge Frame, Add	*394.46*	
		For Auxiliary Frame Reinforcement For Hinges, Add	*155.71*	
08 12 13 13-0141	EA	3'-4" x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,359.22	124.93
		For Welded Frames, Add	*245.10*	
		For Galvanized Frames, Add	*133.12*	
		For Type 304 Stainless Steel Frame, Add	*2,009.36*	
		For Type 316 Stainless Steel Frame, Add	*2,342.17*	
		For Baked Enamel Finish, Add	*370.29*	
		For 18 Gauge Frame, Deduct	*-110.94*	
		For 14 Gauge Frame, Add	*277.34*	
		For 12 Gauge Frame, Add	*421.56*	
		For Auxiliary Frame Reinforcement For Hinges, Add	*166.41*	
08 12 13 13-0142	EA	3'-6" x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,371.12	130.88
		For Welded Frames, Add	*245.10*	
		For Galvanized Frames, Add	*133.12*	
		For Type 304 Stainless Steel Frame, Add	*2,009.95*	
		For Type 316 Stainless Steel Frame, Add	*2,342.76*	
		For Baked Enamel Finish, Add	*372.07*	
		For 18 Gauge Frame, Deduct	*-110.94*	
		For 14 Gauge Frame, Add	*277.34*	
		For 12 Gauge Frame, Add	*421.56*	
		For Auxiliary Frame Reinforcement For Hinges, Add	*166.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0143	EA	4' x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,422.64	136.82
		For Welded Frames, Add	*245.10*	
		For Galvanized Frames, Add	*137.88*	
		For Type 304 Stainless Steel Frame, Add	*2,081.86*	
		For Type 316 Stainless Steel Frame, Add	*2,426.56*	
		For Baked Enamel Finish, Add	*385.74*	
		For 18 Gauge Frame, Deduct	*-114.90*	
		For 14 Gauge Frame, Add	*287.25*	
		For 12 Gauge Frame, Add	*436.62*	
		For Auxiliary Frame Reinforcement For Hinges, Add	*172.35*	
08 12 13 13-0144	EA	5' x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,474.16	142.77
		For Welded Frames, Add	*245.10*	
		For Galvanized Frames, Add	*142.63*	
		For Type 304 Stainless Steel Frame, Add	*2,153.78*	
		For Type 316 Stainless Steel Frame, Add	*2,510.36*	
		For Baked Enamel Finish, Add	*399.42*	
		For 18 Gauge Frame, Deduct	*-118.86*	
		For 14 Gauge Frame, Add	*297.15*	
		For 12 Gauge Frame, Add	*451.67*	
		For Auxiliary Frame Reinforcement For Hinges, Add	*178.29*	
08 12 13 13-0145	EA	5'-4" x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,486.05	148.72
		For Welded Frames, Add	*245.10*	
		For Galvanized Frames, Add	*142.63*	
		For Type 304 Stainless Steel Frame, Add	*2,154.37*	
		For Type 316 Stainless Steel Frame, Add	*2,510.95*	
		For Baked Enamel Finish, Add	*401.20*	
		For 18 Gauge Frame, Deduct	*-118.86*	
		For 14 Gauge Frame, Add	*297.15*	
		For 12 Gauge Frame, Add	*451.67*	
		For Auxiliary Frame Reinforcement For Hinges, Add	*178.29*	
08 12 13 13-0146	EA	5'-8" x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,511.81	151.70
		For Welded Frames, Add	*245.10*	
		For Galvanized Frames, Add	*145.01*	
		For Type 304 Stainless Steel Frame, Add	*2,190.33*	
		For Type 316 Stainless Steel Frame, Add	*2,552.85*	
		For Baked Enamel Finish, Add	*408.03*	
		For 18 Gauge Frame, Deduct	*-120.84*	
		For 14 Gauge Frame, Add	*302.11*	
		For 12 Gauge Frame, Add	*459.20*	
		For Auxiliary Frame Reinforcement For Hinges, Add	*181.26*	
08 12 13 13-0147	EA	6' x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,537.57	154.67
		For Welded Frames, Add	*245.10*	
		For Galvanized Frames, Add	*147.39*	
		For Type 304 Stainless Steel Frame, Add	*2,226.28*	
		For Type 316 Stainless Steel Frame, Add	*2,594.75*	
		For Baked Enamel Finish, Add	*414.87*	
		For 18 Gauge Frame, Deduct	*-122.82*	
		For 14 Gauge Frame, Add	*307.06*	
		For 12 Gauge Frame, Add	*466.73*	
		For Auxiliary Frame Reinforcement For Hinges, Add	*184.23*	
08 12 13 13-0148	EA	7' x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,622.75	157.65
		For Welded Frames, Add	*245.10*	
		For Galvanized Frames, Add	*156.90*	
		For Type 304 Stainless Steel Frame, Add	*2,369.19*	
		For Type 316 Stainless Steel Frame, Add	*2,761.43*	
		For Baked Enamel Finish, Add	*439.53*	
		For 18 Gauge Frame, Deduct	*-130.75*	
		For 14 Gauge Frame, Add	*326.87*	
		For 12 Gauge Frame, Add	*496.83*	
		For Auxiliary Frame Reinforcement For Hinges, Add	*196.12*	
08 12 13 13-0149	EA	8' x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,707.96	160.62
		For Welded Frames, Add	*245.10*	
		For Galvanized Frames, Add	*166.41*	
		For Type 304 Stainless Steel Frame, Add	*2,512.16*	
		For Type 316 Stainless Steel Frame, Add	*2,928.17*	
		For Baked Enamel Finish, Add	*464.20*	
		For 18 Gauge Frame, Deduct	*-138.67*	
		For 14 Gauge Frame, Add	*346.68*	
		For 12 Gauge Frame, Add	*526.95*	
		For Auxiliary Frame Reinforcement For Hinges, Add	*208.01*	
08 12 13 13-0150		>7'-2" Through 9'-0" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames *(08 12 13 13-0133)*		
08 12 13 13-0151	EA	2' x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,102.94	89.24
		For Welded Frames, Add	*245.10*	
		For Galvanized Frames, Add	*110.94*	
		For Type 304 Stainless Steel Frame, Add	*1,672.99*	
		For Type 316 Stainless Steel Frame, Add	*1,950.33*	
		For Baked Enamel Finish, Add	*304.11*	
		For 18 Gauge Frame, Deduct	*-92.45*	
		For 14 Gauge Frame, Add	*231.12*	
		For 12 Gauge Frame, Add	*351.30*	
		For Auxiliary Frame Reinforcement For Hinges, Add	*138.67*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0152	EA	2'-4" x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,296.88	98.15
		For Welded Frames, Add	*245.10*	
		For Galvanized Frames, Add	*132.07*	
		For Type 304 Stainless Steel Frame, Add	*1,990.84*	
		For Type 316 Stainless Steel Frame, Add	*2,321.01*	
		For Baked Enamel Finish, Add	*359.62*	
		For 18 Gauge Frame, Deduct	*-110.06*	
		For 14 Gauge Frame, Add	*275.14*	
		For 12 Gauge Frame, Add	*418.22*	
		For Auxiliary Frame Reinforcement For Hinges, Add	*165.09*	
08 12 13 13-0153	EA	2'-6" x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,326.39	104.10
		For Welded Frames, Add	*245.10*	
		For Galvanized Frames, Add	*134.18*	
		For Type 304 Stainless Steel Frame, Add	*2,023.13*	
		For Type 316 Stainless Steel Frame, Add	*2,358.59*	
		For Baked Enamel Finish, Add	*366.69*	
		For 18 Gauge Frame, Deduct	*-111.82*	
		For 14 Gauge Frame, Add	*279.55*	
		For 12 Gauge Frame, Add	*424.91*	
		For Auxiliary Frame Reinforcement For Hinges, Add	*167.73*	
08 12 13 13-0154	EA	2'-8" x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,344.24	113.03
		For Welded Frames, Add	*245.10*	
		For Galvanized Frames, Add	*134.18*	
		For Type 304 Stainless Steel Frame, Add	*2,024.03*	
		For Type 316 Stainless Steel Frame, Add	*2,359.48*	
		For Baked Enamel Finish, Add	*369.36*	
		For 18 Gauge Frame, Deduct	*-111.82*	
		For 14 Gauge Frame, Add	*279.55*	
		For 12 Gauge Frame, Add	*424.91*	
		For Auxiliary Frame Reinforcement For Hinges, Add	*167.73*	
08 12 13 13-0155	EA	2'-10" x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,367.80	116.00
		For Welded Frames, Add	*245.10*	
		For Galvanized Frames, Add	*136.29*	
		For Type 304 Stainless Steel Frame, Add	*2,056.02*	
		For Type 316 Stainless Steel Frame, Add	*2,396.76*	
		For Baked Enamel Finish, Add	*375.54*	
		For 18 Gauge Frame, Deduct	*-113.58*	
		For 14 Gauge Frame, Add	*283.95*	
		For 12 Gauge Frame, Add	*431.60*	
		For Auxiliary Frame Reinforcement For Hinges, Add	*170.37*	
08 12 13 13-0156	EA	3' x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,391.35	118.98
		For Welded Frames, Add	*245.10*	
		For Galvanized Frames, Add	*138.41*	
		For Type 304 Stainless Steel Frame, Add	*2,088.00*	
		For Type 316 Stainless Steel Frame, Add	*2,434.02*	
		For Baked Enamel Finish, Add	*381.71*	
		For 18 Gauge Frame, Deduct	*-115.34*	
		For 14 Gauge Frame, Add	*288.35*	
		For 12 Gauge Frame, Add	*438.29*	
		For Auxiliary Frame Reinforcement For Hinges, Add	*173.01*	
08 12 13 13-0157	EA	3'-4" x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,482.49	124.93
		For Welded Frames, Add	*245.10*	
		For Galvanized Frames, Add	*147.92*	
		For Type 304 Stainless Steel Frame, Add	*2,231.24*	
		For Type 316 Stainless Steel Frame, Add	*2,601.04*	
		For Baked Enamel Finish, Add	*407.27*	
		For 18 Gauge Frame, Deduct	*-123.26*	
		For 14 Gauge Frame, Add	*308.16*	
		For 12 Gauge Frame, Add	*468.40*	
		For Auxiliary Frame Reinforcement For Hinges, Add	*184.90*	
08 12 13 13-0158	EA	3'-6" x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,494.39	130.88
		For Welded Frames, Add	*245.10*	
		For Galvanized Frames, Add	*147.92*	
		For Type 304 Stainless Steel Frame, Add	*2,231.84*	
		For Type 316 Stainless Steel Frame, Add	*2,601.63*	
		For Baked Enamel Finish, Add	*409.05*	
		For 18 Gauge Frame, Deduct	*-123.26*	
		For 14 Gauge Frame, Add	*308.16*	
		For 12 Gauge Frame, Add	*468.40*	
		For Auxiliary Frame Reinforcement For Hinges, Add	*184.90*	
08 12 13 13-0159	EA	4' x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,550.31	136.82
		For Welded Frames, Add	*245.10*	
		For Galvanized Frames, Add	*153.20*	
		For Type 304 Stainless Steel Frame, Add	*2,311.67*	
		For Type 316 Stainless Steel Frame, Add	*2,694.67*	
		For Baked Enamel Finish, Add	*424.05*	
		For 18 Gauge Frame, Deduct	*-127.67*	
		For 14 Gauge Frame, Add	*319.17*	
		For 12 Gauge Frame, Add	*485.13*	
		For Auxiliary Frame Reinforcement For Hinges, Add	*191.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0160	EA	5' x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,606.23	142.77
		For Welded Frames, Add	*245.10*	
		For Galvanized Frames, Add	*158.48*	
		For Type 304 Stainless Steel Frame, Add	*2,391.50*	
		For Type 316 Stainless Steel Frame, Add	*2,787.71*	
		For Baked Enamel Finish, Add	*439.04*	
		For 18 Gauge Frame, Deduct	*-132.07*	
		For 14 Gauge Frame, Add	*330.17*	
		For 12 Gauge Frame, Add	*501.86*	
		For Auxiliary Frame Reinforcement For Hinges, Add	*198.10*	
08 12 13 13-0161	EA	5'-4" x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,618.12	148.72
		For Welded Frames, Add	*245.10*	
		For Galvanized Frames, Add	*158.48*	
		For Type 304 Stainless Steel Frame, Add	*2,392.10*	
		For Type 316 Stainless Steel Frame, Add	*2,788.30*	
		For Baked Enamel Finish, Add	*440.82*	
		For 18 Gauge Frame, Deduct	*-132.07*	
		For 14 Gauge Frame, Add	*330.17*	
		For 12 Gauge Frame, Add	*501.86*	
		For Auxiliary Frame Reinforcement For Hinges, Add	*198.10*	
08 12 13 13-0162	EA	5'-8" x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,646.08	151.70
		For Welded Frames, Add	*245.10*	
		For Galvanized Frames, Add	*161.12*	
		For Type 304 Stainless Steel Frame, Add	*2,432.01*	
		For Type 316 Stainless Steel Frame, Add	*2,834.82*	
		For Baked Enamel Finish, Add	*448.32*	
		For 18 Gauge Frame, Deduct	*-134.27*	
		For 14 Gauge Frame, Add	*335.67*	
		For 12 Gauge Frame, Add	*510.22*	
		For Auxiliary Frame Reinforcement For Hinges, Add	*201.40*	
08 12 13 13-0163	EA	6' x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,674.04	154.67
		For Welded Frames, Add	*245.10*	
		For Galvanized Frames, Add	*163.76*	
		For Type 304 Stainless Steel Frame, Add	*2,471.93*	
		For Type 316 Stainless Steel Frame, Add	*2,881.34*	
		For Baked Enamel Finish, Add	*455.81*	
		For 18 Gauge Frame, Deduct	*-136.47*	
		For 14 Gauge Frame, Add	*341.18*	
		For 12 Gauge Frame, Add	*518.59*	
		For Auxiliary Frame Reinforcement For Hinges, Add	*204.71*	
08 12 13 13-0164	EA	7' x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,768.02	157.65
		For Welded Frames, Add	*245.10*	
		For Galvanized Frames, Add	*174.33*	
		For Type 304 Stainless Steel Frame, Add	*2,630.68*	
		For Type 316 Stainless Steel Frame, Add	*3,066.50*	
		For Baked Enamel Finish, Add	*483.11*	
		For 18 Gauge Frame, Deduct	*-145.27*	
		For 14 Gauge Frame, Add	*363.18*	
		For 12 Gauge Frame, Add	*552.04*	
		For Auxiliary Frame Reinforcement For Hinges, Add	*217.91*	
08 12 13 13-0165	EA	8' x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,862.03	160.62
		For Welded Frames, Add	*245.10*	
		For Galvanized Frames, Add	*184.89*	
		For Type 304 Stainless Steel Frame, Add	*2,789.48*	
		For Type 316 Stainless Steel Frame, Add	*3,251.72*	
		For Baked Enamel Finish, Add	*510.42*	
		For 18 Gauge Frame, Deduct	*-154.08*	
		For 14 Gauge Frame, Add	*385.20*	
		For 12 Gauge Frame, Add	*585.50*	
		For Auxiliary Frame Reinforcement For Hinges, Add	*231.12*	

08 12 13 13-0166 Sidelights And Transoms *(08 12 13 13)*

Note: For non-rated or fire rated frame assemblies

08 12 13 13-0167 Fixed Steel Transoms *(08 12 13 13-0166)*

Note: Excludes glazing. See CSI section 08 80 00 00-0000 for glazing.

08 12 13 13-0168	SF	4-3/4" Deep, 16 Gauge Frame, Fixed Steel Transom	108.15	16.66
		For Movable Frame, Add	*21.63*	
		For 18 Gauge Frame, Deduct	*-7.48*	
		For 14 Gauge Frame, Add	*18.71*	
		For 12 Gauge Frame, Add	*28.44*	
08 12 13 13-0169	SF	5-3/4" Deep, 16 Gauge Frame, Fixed Steel Transom	113.00	17.25
		For Movable Frame, Add	*22.60*	
		For 18 Gauge Frame, Deduct	*-7.85*	
		For 14 Gauge Frame, Add	*19.63*	
		For 12 Gauge Frame, Add	*29.83*	
08 12 13 13-0170	SF	6-3/4" Deep, 16 Gauge Frame, Fixed Steel Transom	118.15	17.85
		For Movable Frame, Add	*23.63*	
		For 18 Gauge Frame, Deduct	*-8.25*	
		For 14 Gauge Frame, Add	*20.62*	
		For 12 Gauge Frame, Add	*31.33*	

08 12 13 13-0171 Operable Steel Transom Sash *(08 12 13 13-0166)*

Note: Includes hardware.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0172	SF	4-3/4" Deep, 16 Gauge Frame, Operable Steel Transom Sash	158.69	16.66
		For 18 Gauge Frame, Deduct	*-12.54*	
		For 14 Gauge Frame, Add	*31.34*	
		For 12 Gauge Frame, Add	*47.64*	
08 12 13 13-0173	SF	5-3/4" Deep, 16 Gauge Frame, Operable Steel Transom Sash	166.16	17.25
		For 18 Gauge Frame, Deduct	*-13.17*	
		For 14 Gauge Frame, Add	*32.92*	
		For 12 Gauge Frame, Add	*50.03*	
08 12 13 13-0174	SF	6-3/4" Deep, 16 Gauge Frame, Operable Steel Transom Sash	173.91	17.85
		For 18 Gauge Frame, Deduct	*-13.82*	
		For 14 Gauge Frame, Add	*34.56*	
		For 12 Gauge Frame, Add	*52.52*	

08 12 13 13-0175 Sidelights, Steel Frame *(08 12 13 13-0166)*

Note: Excludes glazing. See CSI section 08 80 00 00-0000 for glazing.

08 12 13 13-0176	SF	4-3/4" Deep Sidelights, 16 Gauge Frame	113.72	16.66
		For 18 Gauge Frame, Deduct	*-8.04*	
		For 14 Gauge Frame, Add	*20.10*	
		For 12 Gauge Frame, Add	*30.55*	
08 12 13 13-0177	SF	5-3/4" Deep Sidelights, 16 Gauge Frame	118.94	17.25
		For 18 Gauge Frame, Deduct	*-8.44*	
		For 14 Gauge Frame, Add	*21.11*	
		For 12 Gauge Frame, Add	*32.09*	
08 12 13 13-0178	SF	6-3/4" Deep Sidelights, 16 Gauge Frame	124.32	17.85
		For 18 Gauge Frame, Deduct	*-8.86*	
		For 14 Gauge Frame, Add	*22.16*	
		For 12 Gauge Frame, Add	*33.68*	

08 12 13 13-0179 Sundry Hollow Metal Frame Sections *(08 12 13 13)*

Note: For non-rated or fire rated frame assemblies

08 12 13 13-0180 16 Gauge, Hollow Metal Frame Vertical Mullions *(08 12 13 13-0179)*

08 12 13 13-0181	LF	4-3/4" x 1-3/4", 16 Gauge, Hollow Metal Frame Vertical Mullion	36.63	6.66
		For 18 Gauge Frame, Deduct	*-1.99*	
		For 14 Gauge Frame, Add	*4.97*	
		For 12 Gauge Frame, Add	*7.55*	
		For 3 Hour Frame, Add	*8.00*	
		For 1-1/2 Hour Frame, Add	*5.00*	
		For 3/4 Hour Frame, Add	*4.00*	
08 12 13 13-0182	LF	4-3/4" x 2", 16 Gauge, Hollow Metal Frame Vertical Mullion	37.44	6.66
		For 18 Gauge Frame, Deduct	*-2.07*	
		For 14 Gauge Frame, Add	*5.17*	
		For 12 Gauge Frame, Add	*7.86*	
		For 3 Hour Frame, Add	*8.00*	
		For 1-1/2 Hour Frame, Add	*5.00*	
		For 3/4 Hour Frame, Add	*4.00*	
08 12 13 13-0183	LF	5-1/4" x 1-3/4", 16 Gauge, Hollow Metal Frame Vertical Mullion	37.11	6.90
		For 18 Gauge Frame, Deduct	*-1.99*	
		For 14 Gauge Frame, Add	*4.97*	
		For 12 Gauge Frame, Add	*7.55*	
		For 3 Hour Frame, Add	*8.00*	
		For 1-1/2 Hour Frame, Add	*5.00*	
		For 3/4 Hour Frame, Add	*4.00*	
08 12 13 13-0184	LF	5-1/4" x 2", 16 Gauge, Hollow Metal Frame Vertical Mullion	38.35	6.90
		For 18 Gauge Frame, Deduct	*-2.11*	
		For 14 Gauge Frame, Add	*5.28*	
		For 12 Gauge Frame, Add	*8.02*	
		For 3 Hour Frame, Add	*8.00*	
		For 1-1/2 Hour Frame, Add	*5.00*	
		For 3/4 Hour Frame, Add	*4.00*	
08 12 13 13-0185	LF	6-3/4" x 1-3/4", 16 Gauge, Hollow Metal Frame Vertical Mullion	38.49	7.02
		For 18 Gauge Frame, Deduct	*-2.09*	
		For 14 Gauge Frame, Add	*5.22*	
		For 12 Gauge Frame, Add	*7.93*	
		For 3 Hour Frame, Add	*8.00*	
		For 1-1/2 Hour Frame, Add	*5.00*	
		For 3/4 Hour Frame, Add	*4.00*	
08 12 13 13-0186	LF	6-3/4" x 2", 16 Gauge, Hollow Metal Frame Vertical Mullion	38.96	7.02
		For 18 Gauge Frame, Deduct	*-2.13*	
		For 14 Gauge Frame, Add	*5.34*	
		For 12 Gauge Frame, Add	*8.11*	
		For 3 Hour Frame, Add	*8.00*	
		For 1-1/2 Hour Frame, Add	*5.00*	
		For 3/4 Hour Frame, Add	*4.00*	

08 12 13 13-0187 16 Gauge, Hollow Metal Frame Horizontal Rails *(08 12 13 13-0179)*

08 12 13 13-0188	LF	4-3/4" x 1-3/4", 16 Gauge, Hollow Metal Frame Horizontal Rail	26.70	6.66
		For 18 Gauge Frame, Deduct	*-0.99*	
		For 14 Gauge Frame, Add	*2.49*	
		For 12 Gauge Frame, Add	*3.78*	
		For 3 Hour Frame, Add	*8.00*	
		For 1-1/2 Hour Frame, Add	*5.00*	
		For 3/4 Hour Frame, Add	*4.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0189	LF	4-3/4" x 2", 16 Gauge, Hollow Metal Frame Horizontal Rail	27.71	6.66
		For 18 Gauge Frame, Deduct	*-1.10*	
		For 14 Gauge Frame, Add	*2.74*	
		For 12 Gauge Frame, Add	*4.16*	
		For 3 Hour Frame, Add	*8.00*	
		For 1-1/2 Hour Frame, Add	*5.00*	
		For 3/4 Hour Frame, Add	*4.00*	
08 12 13 13-0190	LF	5-1/4" x 1-3/4", 16 Gauge, Hollow Metal Frame Horizontal Rail	27.18	6.90
		For 18 Gauge Frame, Deduct	*-0.99*	
		For 14 Gauge Frame, Add	*2.49*	
		For 12 Gauge Frame, Add	*3.78*	
		For 3 Hour Frame, Add	*8.00*	
		For 1-1/2 Hour Frame, Add	*5.00*	
		For 3/4 Hour Frame, Add	*4.00*	
08 12 13 13-0191	LF	5-1/4" x 2", 16 Gauge, Hollow Metal Frame Horizontal Rail	28.19	6.90
		For 18 Gauge Frame, Deduct	*-1.10*	
		For 14 Gauge Frame, Add	*2.74*	
		For 12 Gauge Frame, Add	*4.16*	
		For 3 Hour Frame, Add	*8.00*	
		For 1-1/2 Hour Frame, Add	*5.00*	
		For 3/4 Hour Frame, Add	*4.00*	
08 12 13 13-0192	LF	6-3/4" x 1-3/4", 16 Gauge, Hollow Metal Frame Horizontal Rail	28.05	7.02
		For 18 Gauge Frame, Deduct	*-1.04*	
		For 14 Gauge Frame, Add	*2.61*	
		For 12 Gauge Frame, Add	*3.96*	
		For 3 Hour Frame, Add	*8.00*	
		For 1-1/2 Hour Frame, Add	*5.00*	
		For 3/4 Hour Frame, Add	*4.00*	
08 12 13 13-0193	LF	6-3/4" x 2", 16 Gauge, Hollow Metal Frame Horizontal Rail	28.93	7.02
		For 18 Gauge Frame, Deduct	*-1.13*	
		For 14 Gauge Frame, Add	*2.83*	
		For 12 Gauge Frame, Add	*4.30*	
		For 3 Hour Frame, Add	*8.00*	
		For 1-1/2 Hour Frame, Add	*5.00*	
		For 3/4 Hour Frame, Add	*4.00*	
08 12 13 13-0194		Metal Frames Accessories *(08 12 13 13)*		
08 12 13 13-0195	EA	For 1' Extension Of New Door Frame	35.67	

08 12 16 Aluminum Frames *(08 12)*

08 12 16 00-0001 Two Piece Aluminum Door Frames *(08 12 16)*

08 12 16 00-0002 4-1/8" x 3/8" Two Piece Aluminum Door Frames *(08 12 16 00-0001)*

08 12 16 00-0003	EA	Two Piece Aluminum Door Frame, 2'-2" x 6'-9" Opening 4-1/8" x 3/8" x 1/8" With Semicircular Head	3,020.64	65.43
08 12 16 00-0004	EA	Two Piece Aluminum Door Frame, 2'-6" x 6'-9" Opening 4-1/8" x 3/8" x 1/8" With Semicircular Head	3,020.64	65.43

08 12 16 00-0005 4-3/4" x 1-3/8" Two Piece Aluminum Door Frames *(08 12 16 00-0001)*

08 12 16 00-0006	EA	Two Piece Aluminum Door Frame, 2'-2" x 6'-9" Opening 4-3/4" x 1-3/8" x 1/8" With Semicircular Head	3,020.64	65.43
08 12 16 00-0007	EA	Two Piece Aluminum Door Frame Piece Aluminum Door Frame, 2'-6" x 6'-9" Opening 4-3/4" x 1-3/8" x 1/8" With Semicircular Head	3,020.64	65.43

08 13 Metal Doors *(08 10)*

Note: Includes machining for all hardware. Excludes frames, finish hardware. See CSI section 08 70 00 00-0000 for finish hardware.

08 13 13 Hollow Metal Doors *(08 13)*

08 13 13 13 Standard Hollow Metal Doors *(08 13 13)*

Note: Hollow Metal Doors are full flush, fabricated from cold rolled steel conforming to ASTM A1008, honeycomb core, interlocking mechanical vertical edge seam, with epoxy baked-on primer. Galvanized steel doors are fabricated from a carbon steel sheet and coated with zinc on two sides by the continuous hot-dip process. Hollow Metal Doors are organized by the following levels: 20 Gauge, Level 1 Standard Duty; 18 Gauge, Level 2 Heavy Duty; 16 Gauge, Level 3 Extra Heavy Duty; 14 Gauge, Level 4 Maximum Duty.

08 13 13 13-0001 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Doors *(08 13 13 13)*

08 13 13 13-0002 6'-8" High, 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Doors *(08 13 13 13-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0003	EA	2' x 6'-8" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	589.00	65.43
		For Galvanized Steel Door, Add	*91.62*	
		For Type 304 Stainless Steel Door, Add	*366.50*	
		For Type 316 Stainless Steel Door, Add	*595.56*	
		For Embossed Panel Door, Add	*109.95*	
		For Baked Enamel Finish, Add	*157.07*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-32.72*	
		For >100, Deduct	*-47.45*	
		For Polystyrene Core, Add	*45.81*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*114.53*	
08 13 13 13-0004	EA	2'-4" x 6'-8" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	589.00	65.43
		For Galvanized Steel Door, Add	*91.62*	
		For Type 304 Stainless Steel Door, Add	*366.50*	
		For Type 316 Stainless Steel Door, Add	*595.56*	
		For Embossed Panel Door, Add	*109.95*	
		For Baked Enamel Finish, Add	*157.07*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-32.72*	
		For >100, Deduct	*-47.45*	
		For Polystyrene Core, Add	*45.81*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*114.53*	
08 13 13 13-0005	EA	2'-6" x 6'-8" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	604.31	68.41
		For Galvanized Steel Door, Add	*93.50*	
		For Type 304 Stainless Steel Door, Add	*373.99*	
		For Type 316 Stainless Steel Door, Add	*607.74*	
		For Embossed Panel Door, Add	*112.20*	
		For Baked Enamel Finish, Add	*160.77*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-33.64*	
		For >100, Deduct	*-48.74*	
		For Polystyrene Core, Add	*46.75*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*116.87*	
08 13 13 13-0006	EA	2'-8" x 6'-8" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	611.29	68.41
		For Galvanized Steel Door, Add	*94.89*	
		For Type 304 Stainless Steel Door, Add	*379.58*	
		For Type 316 Stainless Steel Door, Add	*616.81*	
		For Embossed Panel Door, Add	*113.87*	
		For Baked Enamel Finish, Add	*162.86*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-33.99*	
		For >100, Deduct	*-49.27*	
		For Polystyrene Core, Add	*47.45*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*118.62*	
08 13 13 13-0007	EA	2'-10" x 6'-8" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	617.05	69.90
		For Galvanized Steel Door, Add	*95.45*	
		For Type 304 Stainless Steel Door, Add	*381.81*	
		For Type 316 Stainless Steel Door, Add	*620.44*	
		For Embossed Panel Door, Add	*114.54*	
		For Baked Enamel Finish, Add	*164.15*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-34.35*	
		For >100, Deduct	*-49.77*	
		For Polystyrene Core, Add	*47.73*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*119.32*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*59.66*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0008	EA	3' x 6'-8" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	622.82	71.38
		For Galvanized Steel Door, Add	*96.01*	
		For Type 304 Stainless Steel Door, Add	*384.04*	
		For Type 316 Stainless Steel Door, Add	*624.07*	
		For Embossed Panel Door, Add	*115.21*	
		For Baked Enamel Finish, Add	*165.43*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-34.71*	
		For >100, Deduct	*-50.28*	
		For Polystyrene Core, Add	*48.01*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*120.01*	
08 13 13 13-0009	EA	3'-4" x 6'-8" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	659.11	71.38
		For Galvanized Steel Door, Add	*103.27*	
		For Type 304 Stainless Steel Door, Add	*413.07*	
		For Type 316 Stainless Steel Door, Add	*671.24*	
		For Embossed Panel Door, Add	*123.92*	
		For Baked Enamel Finish, Add	*176.32*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-36.52*	
		For >100, Deduct	*-53.00*	
		For Polystyrene Core, Add	*51.63*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*129.09*	
08 13 13 13-0010	EA	3'-6" x 6'-8" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	679.01	74.36
		For Galvanized Steel Door, Add	*106.06*	
		For Type 304 Stainless Steel Door, Add	*424.23*	
		For Type 316 Stainless Steel Door, Add	*689.38*	
		For Embossed Panel Door, Add	*127.27*	
		For Baked Enamel Finish, Add	*181.40*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-37.67*	
		For >100, Deduct	*-54.64*	
		For Polystyrene Core, Add	*53.03*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*132.57*	
08 13 13 13-0011	EA	4' x 6'-8" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	746.73	80.31
		For Galvanized Steel Door, Add	*117.22*	
		For Type 304 Stainless Steel Door, Add	*468.89*	
		For Type 316 Stainless Steel Door, Add	*761.94*	
		For Embossed Panel Door, Add	*140.67*	
		For Baked Enamel Finish, Add	*199.93*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-41.35*	
		For >100, Deduct	*-60.02*	
		For Polystyrene Core, Add	*58.61*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*146.53*	

08 13 13 13-0012 7' High, 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Doors *(08 13 13 13-0001)*

08 13 13 13-0013	EA	2' x 7' x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	601.01	65.43
		For Galvanized Steel Door, Add	*94.03*	
		For Type 304 Stainless Steel Door, Add	*376.10*	
		For Type 316 Stainless Steel Door, Add	*611.17*	
		For Embossed Panel Door, Add	*112.83*	
		For Baked Enamel Finish, Add	*160.67*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-33.32*	
		For >100, Deduct	*-48.35*	
		For Polystyrene Core, Add	*47.01*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*117.53*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0014	EA	2'-4" x 7' x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	601.01	65.43
		For Galvanized Steel Door, Add	*94.03*	
		For Type 304 Stainless Steel Door, Add	*376.10*	
		For Type 316 Stainless Steel Door, Add	*611.17*	
		For Embossed Panel Door, Add	*112.83*	
		For Baked Enamel Finish, Add	*160.67*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-33.32*	
		For >100, Deduct	*-48.35*	
		For Polystyrene Core, Add	*47.01*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*117.53*	
08 13 13 13-0015	EA	2'-6" x 7' x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	616.56	68.41
		For Galvanized Steel Door, Add	*95.95*	
		For Type 304 Stainless Steel Door, Add	*383.79*	
		For Type 316 Stainless Steel Door, Add	*623.66*	
		For Embossed Panel Door, Add	*115.14*	
		For Baked Enamel Finish, Add	*164.45*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-34.25*	
		For >100, Deduct	*-49.66*	
		For Polystyrene Core, Add	*47.97*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*119.94*	
08 13 13 13-0016	EA	2'-8" x 7' x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	623.72	68.41
		For Galvanized Steel Door, Add	*97.38*	
		For Type 304 Stainless Steel Door, Add	*389.52*	
		For Type 316 Stainless Steel Door, Add	*632.97*	
		For Embossed Panel Door, Add	*116.86*	
		For Baked Enamel Finish, Add	*166.59*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-34.61*	
		For >100, Deduct	*-50.20*	
		For Polystyrene Core, Add	*48.69*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*121.73*	
08 13 13 13-0017	EA	2'-10" x 7' x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	629.55	69.90
		For Galvanized Steel Door, Add	*97.95*	
		For Type 304 Stainless Steel Door, Add	*391.81*	
		For Type 316 Stainless Steel Door, Add	*636.69*	
		For Embossed Panel Door, Add	*117.54*	
		For Baked Enamel Finish, Add	*167.90*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-34.97*	
		For >100, Deduct	*-50.71*	
		For Polystyrene Core, Add	*48.98*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*122.44*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*61.22*	
08 13 13 13-0018	EA	3' x 7' x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	635.40	71.38
		For Galvanized Steel Door, Add	*98.53*	
		For Type 304 Stainless Steel Door, Add	*394.10*	
		For Type 316 Stainless Steel Door, Add	*640.42*	
		For Embossed Panel Door, Add	*118.23*	
		For Baked Enamel Finish, Add	*169.20*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-35.34*	
		For >100, Deduct	*-51.22*	
		For Polystyrene Core, Add	*49.26*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*123.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0019	EA	3'-4" x 7' x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	672.63	71.38
		For Galvanized Steel Door, Add	*105.97*	
		For Type 304 Stainless Steel Door, Add	*423.89*	
		For Type 316 Stainless Steel Door, Add	*688.82*	
		For Embossed Panel Door, Add	*127.17*	
		For Baked Enamel Finish, Add	*180.37*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-37.20*	
		For >100, Deduct	*-54.02*	
		For Polystyrene Core, Add	*52.99*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*132.47*	
08 13 13 13-0020	EA	3'-6" x 7' x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	692.90	74.36
		For Galvanized Steel Door, Add	*108.84*	
		For Type 304 Stainless Steel Door, Add	*435.34*	
		For Type 316 Stainless Steel Door, Add	*707.43*	
		For Embossed Panel Door, Add	*130.60*	
		For Baked Enamel Finish, Add	*185.56*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-38.36*	
		For >100, Deduct	*-55.69*	
		For Polystyrene Core, Add	*54.42*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*136.05*	
08 13 13 13-0021	EA	4' x 7' x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	762.09	80.31
		For Galvanized Steel Door, Add	*120.29*	
		For Type 304 Stainless Steel Door, Add	*481.18*	
		For Type 316 Stainless Steel Door, Add	*781.91*	
		For Embossed Panel Door, Add	*144.35*	
		For Baked Enamel Finish, Add	*204.53*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-42.12*	
		For >100, Deduct	*-61.17*	
		For Polystyrene Core, Add	*60.15*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*150.37*	

08 13 13 13-0022 7'-2" High, 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Doors *(08 13 13 13-0001)*

08 13 13 13-0023	EA	2' x 7'-2" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	612.67	65.43
		For Galvanized Steel Door, Add	*96.36*	
		For Type 304 Stainless Steel Door, Add	*385.43*	
		For Type 316 Stainless Steel Door, Add	*626.33*	
		For Embossed Panel Door, Add	*115.63*	
		For Baked Enamel Finish, Add	*164.17*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-33.91*	
		For >100, Deduct	*-49.22*	
		For Polystyrene Core, Add	*48.18*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*120.45*	
08 13 13 13-0024	EA	2'-4" x 7'-2" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	612.67	65.43
		For Galvanized Steel Door, Add	*96.36*	
		For Type 304 Stainless Steel Door, Add	*385.43*	
		For Type 316 Stainless Steel Door, Add	*626.33*	
		For Embossed Panel Door, Add	*115.63*	
		For Baked Enamel Finish, Add	*164.17*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-33.91*	
		For >100, Deduct	*-49.22*	
		For Polystyrene Core, Add	*48.18*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*120.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0025	EA	2'-6" x 7'-2" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	628.46	68.41
		For Galvanized Steel Door, Add	*98.33*	
		For Type 304 Stainless Steel Door, Add	*393.31*	
		For Type 316 Stainless Steel Door, Add	*639.13*	
		For Embossed Panel Door, Add	*117.99*	
		For Baked Enamel Finish, Add	*168.02*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-34.84*	
		For >100, Deduct	*-50.56*	
		For Polystyrene Core, Add	*49.16*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*122.91*	
08 13 13 13-0026	EA	2'-8" x 7'-2" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	635.80	68.41
		For Galvanized Steel Door, Add	*99.80*	
		For Type 304 Stainless Steel Door, Add	*399.18*	
		For Type 316 Stainless Steel Door, Add	*648.67*	
		For Embossed Panel Door, Add	*119.76*	
		For Baked Enamel Finish, Add	*170.22*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-35.21*	
		For >100, Deduct	*-51.11*	
		For Polystyrene Core, Add	*49.90*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*124.75*	
08 13 13 13-0027	EA	2'-10" x 7'-2" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	641.70	69.90
		For Galvanized Steel Door, Add	*100.38*	
		For Type 304 Stainless Steel Door, Add	*401.53*	
		For Type 316 Stainless Steel Door, Add	*652.48*	
		For Embossed Panel Door, Add	*120.46*	
		For Baked Enamel Finish, Add	*171.54*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-35.58*	
		For >100, Deduct	*-51.62*	
		For Polystyrene Core, Add	*50.19*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*125.48*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*62.74*	
08 13 13 13-0028	EA	3' x 7'-2" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	647.62	71.38
		For Galvanized Steel Door, Add	*100.97*	
		For Type 304 Stainless Steel Door, Add	*403.88*	
		For Type 316 Stainless Steel Door, Add	*656.31*	
		For Embossed Panel Door, Add	*121.16*	
		For Baked Enamel Finish, Add	*172.87*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-35.95*	
		For >100, Deduct	*-52.14*	
		For Polystyrene Core, Add	*50.49*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*126.21*	
08 13 13 13-0029	EA	3'-4" x 7'-2" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	685.77	71.38
		For Galvanized Steel Door, Add	*108.60*	
		For Type 304 Stainless Steel Door, Add	*434.40*	
		For Type 316 Stainless Steel Door, Add	*705.90*	
		For Embossed Panel Door, Add	*130.32*	
		For Baked Enamel Finish, Add	*184.32*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-37.86*	
		For >100, Deduct	*-55.00*	
		For Polystyrene Core, Add	*54.30*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*135.75*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0030	EA	3'-6" x 7'-2" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	706.40	74.36
		For Galvanized Steel Door, Add	*111.54*	
		For Type 304 Stainless Steel Door, Add	*446.14*	
		For Type 316 Stainless Steel Door, Add	*724.98*	
		For Embossed Panel Door, Add	*133.84*	
		For Baked Enamel Finish, Add	*189.61*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-39.04*	
		For >100, Deduct	*-56.70*	
		For Polystyrene Core, Add	*55.77*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*139.42*	
08 13 13 13-0031	EA	4' x 7'-2" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	777.00	80.31
		For Galvanized Steel Door, Add	*123.28*	
		For Type 304 Stainless Steel Door, Add	*493.10*	
		For Type 316 Stainless Steel Door, Add	*801.29*	
		For Embossed Panel Door, Add	*147.93*	
		For Baked Enamel Finish, Add	*209.01*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-42.87*	
		For >100, Deduct	*-62.29*	
		For Polystyrene Core, Add	*61.64*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*154.10*	
08 13 13 13-0032		18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Doors *(08 13 13 13)*		
08 13 13 13-0033		6'-8" High, 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Doors *(08 13 13 13-0032)*		
08 13 13 13-0034	EA	2' x 6'-8" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	626.07	65.43
		For Galvanized Steel Door, Add	*99.04*	
		For Type 304 Stainless Steel Door, Add	*396.15*	
		For Type 316 Stainless Steel Door, Add	*643.75*	
		For Embossed Panel Door, Add	*118.85*	
		For Baked Enamel Finish, Add	*168.19*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-34.58*	
		For >100, Deduct	*-50.23*	
		For 2" Thick Door, Add	*39.17*	
		For Polystyrene Core, Add	*49.52*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*123.80*	
08 13 13 13-0035	EA	2'-4" x 6'-8" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	626.07	65.43
		For Galvanized Steel Door, Add	*99.04*	
		For Type 304 Stainless Steel Door, Add	*396.15*	
		For Type 316 Stainless Steel Door, Add	*643.75*	
		For Embossed Panel Door, Add	*118.85*	
		For Baked Enamel Finish, Add	*168.19*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-34.58*	
		For >100, Deduct	*-50.23*	
		For 2" Thick Door, Add	*39.17*	
		For Polystyrene Core, Add	*49.52*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*123.80*	
08 13 13 13-0036	EA	2'-6" x 6'-8" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	642.13	68.41
		For Galvanized Steel Door, Add	*101.06*	
		For Type 304 Stainless Steel Door, Add	*404.25*	
		For Type 316 Stainless Steel Door, Add	*656.90*	
		For Embossed Panel Door, Add	*121.27*	
		For Baked Enamel Finish, Add	*172.12*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-35.53*	
		For >100, Deduct	*-51.58*	
		For 2" Thick Door, Add	*40.06*	
		For Polystyrene Core, Add	*50.53*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*126.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0037	EA	2'-8" x 6'-8" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	649.67	68.41
		For Galvanized Steel Door, Add	*102.57*	
		For Type 304 Stainless Steel Door, Add	*410.28*	
		For Type 316 Stainless Steel Door, Add	*666.71*	
		For Embossed Panel Door, Add	*123.08*	
		For Baked Enamel Finish, Add	*174.38*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-35.90*	
		For >100, Deduct	*-52.15*	
		For 2" Thick Door, Add	*40.60*	
		For Polystyrene Core, Add	*51.29*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*128.21*	
08 13 13 13-0038	EA	2'-10" x 6'-8" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	655.65	69.90
		For Galvanized Steel Door, Add	*103.17*	
		For Type 304 Stainless Steel Door, Add	*412.69*	
		For Type 316 Stainless Steel Door, Add	*670.62*	
		For Embossed Panel Door, Add	*123.81*	
		For Baked Enamel Finish, Add	*175.73*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-36.28*	
		For >100, Deduct	*-52.67*	
		For 2" Thick Door, Add	*40.89*	
		For Polystyrene Core, Add	*51.59*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*128.97*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*64.48*	
		For Steel Stiffened, Add	*128.97*	
08 13 13 13-0039	EA	3' x 6'-8" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	661.66	71.38
		For Galvanized Steel Door, Add	*103.78*	
		For Type 304 Stainless Steel Door, Add	*415.11*	
		For Type 316 Stainless Steel Door, Add	*674.56*	
		For Embossed Panel Door, Add	*124.53*	
		For Baked Enamel Finish, Add	*177.08*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-36.65*	
		For >100, Deduct	*-53.19*	
		For 2" Thick Door, Add	*41.19*	
		For Polystyrene Core, Add	*51.89*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*129.72*	
08 13 13 13-0040	EA	3'-4" x 6'-8" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	700.88	71.38
		For Galvanized Steel Door, Add	*111.62*	
		For Type 304 Stainless Steel Door, Add	*446.49*	
		For Type 316 Stainless Steel Door, Add	*725.54*	
		For Embossed Panel Door, Add	*133.95*	
		For Baked Enamel Finish, Add	*188.85*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-38.61*	
		For >100, Deduct	*-56.14*	
		For 2" Thick Door, Add	*44.03*	
		For Polystyrene Core, Add	*55.81*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*139.53*	
08 13 13 13-0041	EA	3'-6" x 6'-8" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	721.91	74.36
		For Galvanized Steel Door, Add	*114.64*	
		For Type 304 Stainless Steel Door, Add	*458.55*	
		For Type 316 Stainless Steel Door, Add	*745.15*	
		For Embossed Panel Door, Add	*137.57*	
		For Baked Enamel Finish, Add	*194.27*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-39.81*	
		For >100, Deduct	*-57.86*	
		For 2" Thick Door, Add	*45.27*	
		For Polystyrene Core, Add	*57.32*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*143.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0042	EA	4' x 6'-8" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	794.15	80.31
		For Galvanized Steel Door, Add	*126.71*	
		For Type 304 Stainless Steel Door, Add	*506.82*	
		For Type 316 Stainless Steel Door, Add	*823.59*	
		For Embossed Panel Door, Add	*152.05*	
		For Baked Enamel Finish, Add	*214.15*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-43.72*	
		For >100, Deduct	*-63.58*	
		For 2" Thick Door, Add	*49.95*	
		For Polystyrene Core, Add	*63.35*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*158.38*	

08 13 13 13-0043 7' High, 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Doors *(08 13 13 13-0032)*

08 13 13 13-0044	EA	2' x 7' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	637.82	65.43
		For Galvanized Steel Door, Add	*101.39*	
		For Type 304 Stainless Steel Door, Add	*405.55*	
		For Type 316 Stainless Steel Door, Add	*659.02*	
		For Embossed Panel Door, Add	*121.67*	
		For Baked Enamel Finish, Add	*171.71*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-35.16*	
		For >100, Deduct	*-51.11*	
		For 2" Thick Door, Add	*40.03*	
		For Polystyrene Core, Add	*50.69*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*126.74*	
08 13 13 13-0045	EA	2'-4" x 7' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	637.82	65.43
		For Galvanized Steel Door, Add	*101.39*	
		For Type 304 Stainless Steel Door, Add	*405.55*	
		For Type 316 Stainless Steel Door, Add	*659.02*	
		For Embossed Panel Door, Add	*121.67*	
		For Baked Enamel Finish, Add	*171.71*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-35.16*	
		For >100, Deduct	*-51.11*	
		For 2" Thick Door, Add	*40.03*	
		For Polystyrene Core, Add	*50.69*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*126.74*	
08 13 13 13-0046	EA	2'-6" x 7' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	654.13	68.41
		For Galvanized Steel Door, Add	*103.46*	
		For Type 304 Stainless Steel Door, Add	*413.85*	
		For Type 316 Stainless Steel Door, Add	*672.50*	
		For Embossed Panel Door, Add	*124.15*	
		For Baked Enamel Finish, Add	*175.72*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-36.13*	
		For >100, Deduct	*-52.48*	
		For 2" Thick Door, Add	*40.93*	
		For Polystyrene Core, Add	*51.73*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*129.33*	
08 13 13 13-0047	EA	2'-8" x 7' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	661.85	68.41
		For Galvanized Steel Door, Add	*105.01*	
		For Type 304 Stainless Steel Door, Add	*420.02*	
		For Type 316 Stainless Steel Door, Add	*682.54*	
		For Embossed Panel Door, Add	*126.01*	
		For Baked Enamel Finish, Add	*178.03*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-36.51*	
		For >100, Deduct	*-53.06*	
		For 2" Thick Door, Add	*41.49*	
		For Polystyrene Core, Add	*52.50*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*131.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0048	EA	2'-10" x 7' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	667.90	69.90
		For Galvanized Steel Door, Add	*105.62*	
		For Type 304 Stainless Steel Door, Add	*422.49*	
		For Type 316 Stainless Steel Door, Add	*686.54*	
		For Embossed Panel Door, Add	*126.75*	
		For Baked Enamel Finish, Add	*179.40*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-36.89*	
		For >100, Deduct	*-53.59*	
		For 2" Thick Door, Add	*41.78*	
		For Polystyrene Core, Add	*52.81*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*132.03*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*66.01*	
		For Steel Stiffened, Add	*132.03*	
08 13 13 13-0049	EA	3' x 7' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	673.97	71.38
		For Galvanized Steel Door, Add	*106.24*	
		For Type 304 Stainless Steel Door, Add	*424.96*	
		For Type 316 Stainless Steel Door, Add	*690.56*	
		For Embossed Panel Door, Add	*127.49*	
		For Baked Enamel Finish, Add	*180.78*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-37.27*	
		For >100, Deduct	*-54.12*	
		For 2" Thick Door, Add	*42.08*	
		For Polystyrene Core, Add	*53.12*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*132.80*	
08 13 13 13-0050	EA	3'-4" x 7' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	714.12	71.38
		For Galvanized Steel Door, Add	*114.27*	
		For Type 304 Stainless Steel Door, Add	*457.08*	
		For Type 316 Stainless Steel Door, Add	*742.76*	
		For Embossed Panel Door, Add	*137.12*	
		For Baked Enamel Finish, Add	*192.82*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-39.28*	
		For >100, Deduct	*-57.13*	
		For 2" Thick Door, Add	*44.99*	
		For Polystyrene Core, Add	*57.14*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*142.84*	
08 13 13 13-0051	EA	3'-6" x 7' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	735.51	74.36
		For Galvanized Steel Door, Add	*117.36*	
		For Type 304 Stainless Steel Door, Add	*469.43*	
		For Type 316 Stainless Steel Door, Add	*762.83*	
		For Embossed Panel Door, Add	*140.83*	
		For Baked Enamel Finish, Add	*198.35*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-40.49*	
		For >100, Deduct	*-58.88*	
		For 2" Thick Door, Add	*46.26*	
		For Polystyrene Core, Add	*58.68*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*146.70*	
08 13 13 13-0052	EA	4' x 7' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	809.18	80.31
		For Galvanized Steel Door, Add	*129.71*	
		For Type 304 Stainless Steel Door, Add	*518.85*	
		For Type 316 Stainless Steel Door, Add	*843.13*	
		For Embossed Panel Door, Add	*155.65*	
		For Baked Enamel Finish, Add	*218.66*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-44.47*	
		For >100, Deduct	*-64.70*	
		For 2" Thick Door, Add	*51.04*	
		For Polystyrene Core, Add	*64.86*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*162.14*	

08 13 13 13-0053 7'-2" High, 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Doors *(08 13 13 13-0032)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0054	EA	2' x 7'-2" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	649.57	65.43
		For Galvanized Steel Door, Add	*103.74*	
		For Type 304 Stainless Steel Door, Add	*414.95*	
		For Type 316 Stainless Steel Door, Add	*674.30*	
		For Embossed Panel Door, Add	*124.49*	
		For Baked Enamel Finish, Add	*175.24*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-35.75*	
		For >100, Deduct	*-51.99*	
		For 2" Thick Door, Add	*40.88*	
		For Polystyrene Core, Add	*51.87*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*129.67*	
08 13 13 13-0055	EA	2'-4" x 7'-2" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	649.57	65.43
		For Galvanized Steel Door, Add	*103.74*	
		For Type 304 Stainless Steel Door, Add	*414.95*	
		For Type 316 Stainless Steel Door, Add	*674.30*	
		For Embossed Panel Door, Add	*124.49*	
		For Baked Enamel Finish, Add	*175.24*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-35.75*	
		For >100, Deduct	*-51.99*	
		For 2" Thick Door, Add	*40.88*	
		For Polystyrene Core, Add	*51.87*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*129.67*	
08 13 13 13-0056	EA	2'-6" x 7'-2" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	666.12	68.41
		For Galvanized Steel Door, Add	*105.86*	
		For Type 304 Stainless Steel Door, Add	*423.44*	
		For Type 316 Stainless Steel Door, Add	*688.09*	
		For Embossed Panel Door, Add	*127.03*	
		For Baked Enamel Finish, Add	*179.31*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-36.73*	
		For >100, Deduct	*-53.38*	
		For 2" Thick Door, Add	*41.79*	
		For Polystyrene Core, Add	*52.93*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*132.33*	
08 13 13 13-0057	EA	2'-8" x 7'-2" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	674.02	68.41
		For Galvanized Steel Door, Add	*107.44*	
		For Type 304 Stainless Steel Door, Add	*429.76*	
		For Type 316 Stainless Steel Door, Add	*698.36*	
		For Embossed Panel Door, Add	*128.93*	
		For Baked Enamel Finish, Add	*181.68*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-37.12*	
		For >100, Deduct	*-53.97*	
		For 2" Thick Door, Add	*42.37*	
		For Polystyrene Core, Add	*53.72*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*134.30*	
08 13 13 13-0058	EA	3' x 7'-2" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	686.29	71.38
		For Galvanized Steel Door, Add	*108.70*	
		For Type 304 Stainless Steel Door, Add	*434.82*	
		For Type 316 Stainless Steel Door, Add	*706.58*	
		For Embossed Panel Door, Add	*130.44*	
		For Baked Enamel Finish, Add	*184.47*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-37.88*	
		For >100, Deduct	*-55.04*	
		For 2" Thick Door, Add	*42.97*	
		For Polystyrene Core, Add	*54.35*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*135.88*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0059	EA	3'-4" x 7'-2" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	727.37	71.38
		For Galvanized Steel Door, Add	*116.92*	
		For Type 304 Stainless Steel Door, Add	*467.68*	
		For Type 316 Stainless Steel Door, Add	*759.98*	
		For Embossed Panel Door, Add	*140.30*	
		For Baked Enamel Finish, Add	*196.80*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-39.94*	
		For >100, Deduct	*-58.12*	
		For 2" Thick Door, Add	*45.95*	
		For Polystyrene Core, Add	*58.46*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*146.15*	
08 13 13 13-0060	EA	3'-6" x 7'-2" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	749.12	74.36
		For Galvanized Steel Door, Add	*120.08*	
		For Type 304 Stainless Steel Door, Add	*480.32*	
		For Type 316 Stainless Steel Door, Add	*780.52*	
		For Embossed Panel Door, Add	*144.10*	
		For Baked Enamel Finish, Add	*202.43*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-41.17*	
		For >100, Deduct	*-59.90*	
		For 2" Thick Door, Add	*47.25*	
		For Polystyrene Core, Add	*60.04*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*150.10*	
08 13 13 13-0061	EA	4' x 7'-2" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	824.22	80.31
		For Galvanized Steel Door, Add	*132.72*	
		For Type 304 Stainless Steel Door, Add	*530.88*	
		For Type 316 Stainless Steel Door, Add	*862.68*	
		For Embossed Panel Door, Add	*159.26*	
		For Baked Enamel Finish, Add	*223.17*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-45.23*	
		For >100, Deduct	*-65.83*	
		For 2" Thick Door, Add	*52.13*	
		For Polystyrene Core, Add	*66.36*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*165.90*	

08 13 13 13-0062 8' High, 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Doors *(08 13 13 13-0032)*

08 13 13 13-0063	EA	2' x 8' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	746.51	65.43
		For Up To 1' Extra Height, Add	*170.34*	
		For 1' To 1'-6" Extra Height, Add	*324.99*	
		For Galvanized Steel Door, Add	*123.13*	
		For Type 304 Stainless Steel Door, Add	*492.50*	
		For Type 316 Stainless Steel Door, Add	*800.32*	
		For Embossed Panel Door, Add	*147.75*	
		For Baked Enamel Finish, Add	*204.32*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-40.60*	
		For >100, Deduct	*-59.26*	
		For 2" Thick Door, Add	*47.91*	
		For Polystyrene Core, Add	*61.56*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*153.91*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0064	EA	2'-4" x 8' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	746.51	65.43
		For Up To 1' Extra Height, Add	*170.34*	
		For 1' To 1'-6" Extra Height, Add	*324.99*	
		For Galvanized Steel Door, Add	*123.13*	
		For Type 304 Stainless Steel Door, Add	*492.50*	
		For Type 316 Stainless Steel Door, Add	*800.32*	
		For Embossed Panel Door, Add	*147.75*	
		For Baked Enamel Finish, Add	*204.32*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-40.60*	
		For >100, Deduct	*-59.26*	
		For 2" Thick Door, Add	*47.91*	
		For Polystyrene Core, Add	*61.56*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*153.91*	
08 13 13 13-0065	EA	2'-6" x 8' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	765.04	68.41
		For Up To 1' Extra Height, Add	*173.83*	
		For 1' To 1'-6" Extra Height, Add	*331.64*	
		For Galvanized Steel Door, Add	*125.64*	
		For Type 304 Stainless Steel Door, Add	*502.58*	
		For Type 316 Stainless Steel Door, Add	*816.69*	
		For Embossed Panel Door, Add	*150.77*	
		For Baked Enamel Finish, Add	*208.99*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-41.67*	
		For >100, Deduct	*-60.80*	
		For 2" Thick Door, Add	*48.97*	
		For Polystyrene Core, Add	*62.82*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*157.06*	
08 13 13 13-0066	EA	2'-8" x 8' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	774.42	68.41
		For Up To 1' Extra Height, Add	*176.42*	
		For 1' To 1'-6" Extra Height, Add	*336.59*	
		For Galvanized Steel Door, Add	*127.52*	
		For Type 304 Stainless Steel Door, Add	*510.08*	
		For Type 316 Stainless Steel Door, Add	*828.88*	
		For Embossed Panel Door, Add	*153.02*	
		For Baked Enamel Finish, Add	*211.80*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-42.14*	
		For >100, Deduct	*-61.50*	
		For 2" Thick Door, Add	*49.65*	
		For Polystyrene Core, Add	*63.76*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*159.40*	
08 13 13 13-0067	EA	2'-10" x 8' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	781.13	69.90
		For Up To 1' Extra Height, Add	*177.46*	
		For 1' To 1'-6" Extra Height, Add	*338.56*	
		For Galvanized Steel Door, Add	*128.27*	
		For Type 304 Stainless Steel Door, Add	*513.07*	
		For Type 316 Stainless Steel Door, Add	*833.74*	
		For Embossed Panel Door, Add	*153.92*	
		For Baked Enamel Finish, Add	*213.37*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-42.55*	
		For >100, Deduct	*-62.08*	
		For 2" Thick Door, Add	*49.99*	
		For Polystyrene Core, Add	*64.13*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*160.34*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*80.17*	
		For Steel Stiffened, Add	*160.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0068	EA	3' x 8' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	787.86	71.38
		For Up To 1' Extra Height, Add	*178.50*	
		For 1' To 1'-6" Extra Height, Add	*340.54*	
		For Galvanized Steel Door, Add	*129.02*	
		For Type 304 Stainless Steel Door, Add	*516.07*	
		For Type 316 Stainless Steel Door, Add	*838.62*	
		For Embossed Panel Door, Add	*154.82*	
		For Baked Enamel Finish, Add	*214.94*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-42.96*	
		For >100, Deduct	*-62.66*	
		For 2" Thick Door, Add	*50.34*	
		For Polystyrene Core, Add	*64.51*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*161.27*	
08 13 13 13-0069	EA	3'-4" x 8' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	836.62	71.38
		For Up To 1' Extra Height, Add	*191.99*	
		For 1' To 1'-6" Extra Height, Add	*366.28*	
		For Galvanized Steel Door, Add	*138.77*	
		For Type 304 Stainless Steel Door, Add	*555.08*	
		For Type 316 Stainless Steel Door, Add	*902.01*	
		For Embossed Panel Door, Add	*166.52*	
		For Baked Enamel Finish, Add	*229.57*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-45.40*	
		For >100, Deduct	*-66.32*	
		For 2" Thick Door, Add	*53.87*	
		For Polystyrene Core, Add	*69.39*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*173.46*	
08 13 13 13-0070	EA	3'-6" x 8' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	861.33	74.36
		For Up To 1' Extra Height, Add	*197.18*	
		For 1' To 1'-6" Extra Height, Add	*376.19*	
		For Galvanized Steel Door, Add	*142.52*	
		For Type 304 Stainless Steel Door, Add	*570.09*	
		For Type 316 Stainless Steel Door, Add	*926.39*	
		For Embossed Panel Door, Add	*171.03*	
		For Baked Enamel Finish, Add	*236.09*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-46.78*	
		For >100, Deduct	*-68.32*	
		For 2" Thick Door, Add	*55.38*	
		For Polystyrene Core, Add	*71.26*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*178.15*	
08 13 13 13-0071	EA	4' x 8' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	948.24	80.31
		For Up To 1' Extra Height, Add	*217.93*	
		For 1' To 1'-6" Extra Height, Add	*415.78*	
		For Galvanized Steel Door, Add	*157.52*	
		For Type 304 Stainless Steel Door, Add	*630.10*	
		For Type 316 Stainless Steel Door, Add	*1,023.91*	
		For Embossed Panel Door, Add	*189.03*	
		For Baked Enamel Finish, Add	*260.38*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-51.43*	
		For >100, Deduct	*-75.13*	
		For 2" Thick Door, Add	*61.12*	
		For Polystyrene Core, Add	*78.76*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*196.91*	

08 13 13 13-0072 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Doors *(08 13 13 13)*

08 13 13 13-0073 6'-8" High, 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Doors *(08 13 13 13-0072)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0074	EA	2' x 6'-8" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	816.71	65.43
		For 14 Gauge, Level 4 Maximum Duty, Add	*274.33*	
		For Galvanized Steel Door, Add	*137.17*	
		For Type 304 Stainless Steel Door, Add	*548.66*	
		For Type 316 Stainless Steel Door, Add	*891.58*	
		For Embossed Panel Door, Add	*164.60*	
		For Baked Enamel Finish, Add	*225.38*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-44.11*	
		For >100, Deduct	*-64.53*	
		For 2" Thick Door, Add	*52.99*	
		For Polystyrene Core, Add	*68.58*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*171.46*	
08 13 13 13-0075	EA	2'-4" x 6'-8" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	816.71	65.43
		For 14 Gauge, Level 4 Maximum Duty, Add	*274.33*	
		For Galvanized Steel Door, Add	*137.17*	
		For Type 304 Stainless Steel Door, Add	*548.66*	
		For Type 316 Stainless Steel Door, Add	*891.58*	
		For Embossed Panel Door, Add	*164.60*	
		For Baked Enamel Finish, Add	*225.38*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-44.11*	
		For >100, Deduct	*-64.53*	
		For 2" Thick Door, Add	*52.99*	
		For Polystyrene Core, Add	*68.58*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*171.46*	
08 13 13 13-0076	EA	2'-6" x 6'-8" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	836.68	68.41
		For 14 Gauge, Level 4 Maximum Duty, Add	*279.94*	
		For Galvanized Steel Door, Add	*139.97*	
		For Type 304 Stainless Steel Door, Add	*559.89*	
		For Type 316 Stainless Steel Door, Add	*909.82*	
		For Embossed Panel Door, Add	*167.97*	
		For Baked Enamel Finish, Add	*230.48*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-45.25*	
		For >100, Deduct	*-66.17*	
		For 2" Thick Door, Add	*54.16*	
		For Polystyrene Core, Add	*69.99*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*174.97*	
08 13 13 13-0077	EA	2'-8" x 6'-8" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	847.12	68.41
		For 14 Gauge, Level 4 Maximum Duty, Add	*284.12*	
		For Galvanized Steel Door, Add	*142.06*	
		For Type 304 Stainless Steel Door, Add	*568.24*	
		For Type 316 Stainless Steel Door, Add	*923.39*	
		For Embossed Panel Door, Add	*170.47*	
		For Baked Enamel Finish, Add	*233.61*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-45.78*	
		For >100, Deduct	*-66.95*	
		For 2" Thick Door, Add	*54.92*	
		For Polystyrene Core, Add	*71.03*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*177.58*	
08 13 13 13-0078	EA	2'-10" x 6'-8" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	854.29	69.90
		For 14 Gauge, Level 4 Maximum Duty, Add	*285.80*	
		For Galvanized Steel Door, Add	*142.90*	
		For Type 304 Stainless Steel Door, Add	*571.60*	
		For Type 316 Stainless Steel Door, Add	*928.85*	
		For Embossed Panel Door, Add	*171.48*	
		For Baked Enamel Finish, Add	*235.32*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-46.21*	
		For >100, Deduct	*-67.57*	
		For 2" Thick Door, Add	*55.30*	
		For Polystyrene Core, Add	*71.45*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*178.63*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*89.31*	
		For Steel Stiffened, Add	*178.63*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0079	EA	3' x 6'-8" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	861.43	71.38
		For 14 Gauge, Level 4 Maximum Duty, Add	*287.46*	
		For Galvanized Steel Door, Add	*143.73*	
		For Type 304 Stainless Steel Door, Add	*574.93*	
		For Type 316 Stainless Steel Door, Add	*934.26*	
		For Embossed Panel Door, Add	*172.48*	
		For Baked Enamel Finish, Add	*237.01*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-46.64*	
		For >100, Deduct	*-68.18*	
		For 2" Thick Door, Add	*55.67*	
		For Polystyrene Core, Add	*71.87*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*179.67*	
08 13 13 13-0080	EA	3'-4" x 6'-8" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	915.75	71.38
		For 14 Gauge, Level 4 Maximum Duty, Add	*309.19*	
		For Galvanized Steel Door, Add	*154.60*	
		For Type 304 Stainless Steel Door, Add	*618.38*	
		For Type 316 Stainless Steel Door, Add	*1,004.87*	
		For Embossed Panel Door, Add	*185.52*	
		For Baked Enamel Finish, Add	*253.31*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-49.36*	
		For >100, Deduct	*-72.25*	
		For 2" Thick Door, Add	*59.61*	
		For Polystyrene Core, Add	*77.30*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*193.25*	
08 13 13 13-0081	EA	3'-6" x 6'-8" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	942.59	74.36
		For 14 Gauge, Level 4 Maximum Duty, Add	*317.55*	
		For Galvanized Steel Door, Add	*158.77*	
		For Type 304 Stainless Steel Door, Add	*635.10*	
		For Type 316 Stainless Steel Door, Add	*1,032.03*	
		For Embossed Panel Door, Add	*190.53*	
		For Baked Enamel Finish, Add	*260.47*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-50.85*	
		For >100, Deduct	*-74.41*	
		For 2" Thick Door, Add	*61.27*	
		For Polystyrene Core, Add	*79.39*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*198.47*	
08 13 13 13-0082	EA	4' x 6'-8" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	1,038.05	80.31
		For 14 Gauge, Level 4 Maximum Duty, Add	*350.97*	
		For Galvanized Steel Door, Add	*175.49*	
		For Type 304 Stainless Steel Door, Add	*701.94*	
		For Type 316 Stainless Steel Door, Add	*1,140.66*	
		For Embossed Panel Door, Add	*210.58*	
		For Baked Enamel Finish, Add	*287.32*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-55.92*	
		For >100, Deduct	*-81.87*	
		For 2" Thick Door, Add	*67.63*	
		For Polystyrene Core, Add	*87.74*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*219.36*	

08 13 13 13-0083 7' High, 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Doors *(08 13 13 13-0072)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0084	EA	2' x 7' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	832.99	65.43
		For 14 Gauge, Level 4 Maximum Duty, Add	*280.84*	
		For Galvanized Steel Door, Add	*140.42*	
		For Type 304 Stainless Steel Door, Add	*561.69*	
		For Type 316 Stainless Steel Door, Add	*912.74*	
		For Embossed Panel Door, Add	*168.51*	
		For Baked Enamel Finish, Add	*230.27*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-44.92*	
		For >100, Deduct	*-65.75*	
		For 2" Thick Door, Add	*54.17*	
		For Polystyrene Core, Add	*70.21*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*175.53*	
08 13 13 13-0085	EA	2'-4" x 7' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	832.99	65.43
		For 14 Gauge, Level 4 Maximum Duty, Add	*280.84*	
		For Galvanized Steel Door, Add	*140.42*	
		For Type 304 Stainless Steel Door, Add	*561.69*	
		For Type 316 Stainless Steel Door, Add	*912.74*	
		For Embossed Panel Door, Add	*168.51*	
		For Baked Enamel Finish, Add	*230.27*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-44.92*	
		For >100, Deduct	*-65.75*	
		For 2" Thick Door, Add	*54.17*	
		For Polystyrene Core, Add	*70.21*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*175.53*	
08 13 13 13-0086	EA	2'-6" x 7' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	853.29	68.41
		For 14 Gauge, Level 4 Maximum Duty, Add	*286.59*	
		For Galvanized Steel Door, Add	*143.29*	
		For Type 304 Stainless Steel Door, Add	*573.18*	
		For Type 316 Stainless Steel Door, Add	*931.41*	
		For Embossed Panel Door, Add	*171.95*	
		For Baked Enamel Finish, Add	*235.46*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-46.09*	
		For >100, Deduct	*-67.42*	
		For 2" Thick Door, Add	*55.36*	
		For Polystyrene Core, Add	*71.65*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*179.12*	
08 13 13 13-0087	EA	2'-8" x 7' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	863.98	68.41
		For 14 Gauge, Level 4 Maximum Duty, Add	*290.86*	
		For Galvanized Steel Door, Add	*145.43*	
		For Type 304 Stainless Steel Door, Add	*581.73*	
		For Type 316 Stainless Steel Door, Add	*945.31*	
		For Embossed Panel Door, Add	*174.52*	
		For Baked Enamel Finish, Add	*238.67*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-46.62*	
		For >100, Deduct	*-68.22*	
		For 2" Thick Door, Add	*56.14*	
		For Polystyrene Core, Add	*72.72*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*181.79*	
08 13 13 13-0088	EA	2'-10" x 7' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	871.23	69.90
		For 14 Gauge, Level 4 Maximum Duty, Add	*292.58*	
		For Galvanized Steel Door, Add	*146.29*	
		For Type 304 Stainless Steel Door, Add	*585.15*	
		For Type 316 Stainless Steel Door, Add	*950.87*	
		For Embossed Panel Door, Add	*175.55*	
		For Baked Enamel Finish, Add	*240.40*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-47.06*	
		For >100, Deduct	*-68.84*	
		For 2" Thick Door, Add	*56.52*	
		For Polystyrene Core, Add	*73.14*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*182.86*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*91.43*	
		For Steel Stiffened, Add	*182.86*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0089	EA	3' x 7' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	878.48	71.38
		For 14 Gauge, Level 4 Maximum Duty, Add	*294.28*	
		For Galvanized Steel Door, Add	*147.14*	
		For Type 304 Stainless Steel Door, Add	*588.57*	
		For Type 316 Stainless Steel Door, Add	*956.42*	
		For Embossed Panel Door, Add	*176.57*	
		For Baked Enamel Finish, Add	*242.13*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-47.49*	
		For >100, Deduct	*-69.46*	
		For 2" Thick Door, Add	*56.91*	
		For Polystyrene Core, Add	*73.57*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*183.93*	
08 13 13 13-0090	EA	3'-4" x 7' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	934.09	71.38
		For 14 Gauge, Level 4 Maximum Duty, Add	*316.53*	
		For Galvanized Steel Door, Add	*158.26*	
		For Type 304 Stainless Steel Door, Add	*633.06*	
		For Type 316 Stainless Steel Door, Add	*1,028.72*	
		For Embossed Panel Door, Add	*189.92*	
		For Baked Enamel Finish, Add	*258.81*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-50.27*	
		For >100, Deduct	*-73.63*	
		For 2" Thick Door, Add	*60.94*	
		For Polystyrene Core, Add	*79.13*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*197.83*	
08 13 13 13-0091	EA	3'-6" x 7' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	961.43	74.36
		For 14 Gauge, Level 4 Maximum Duty, Add	*325.08*	
		For Galvanized Steel Door, Add	*162.54*	
		For Type 304 Stainless Steel Door, Add	*650.17*	
		For Type 316 Stainless Steel Door, Add	*1,056.52*	
		For Embossed Panel Door, Add	*195.05*	
		For Baked Enamel Finish, Add	*266.12*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-51.79*	
		For >100, Deduct	*-75.83*	
		For 2" Thick Door, Add	*62.64*	
		For Polystyrene Core, Add	*81.27*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*203.18*	
08 13 13 13-0092	EA	4' x 7' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	1,058.88	80.31
		For 14 Gauge, Level 4 Maximum Duty, Add	*359.30*	
		For Galvanized Steel Door, Add	*179.65*	
		For Type 304 Stainless Steel Door, Add	*718.61*	
		For Type 316 Stainless Steel Door, Add	*1,167.74*	
		For Embossed Panel Door, Add	*215.58*	
		For Baked Enamel Finish, Add	*293.57*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-56.96*	
		For >100, Deduct	*-83.43*	
		For 2" Thick Door, Add	*69.14*	
		For Polystyrene Core, Add	*89.83*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*224.57*	

08 13 13 13-0093 7'-2" High, 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Doors *(08 13 13 13-0072)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0094	EA	2' x 7'-2" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	849.27	65.43
		For 14 Gauge, Level 4 Maximum Duty, Add	*287.36*	
		For Galvanized Steel Door, Add	*143.68*	
		For Type 304 Stainless Steel Door, Add	*574.71*	
		For Type 316 Stainless Steel Door, Add	*933.91*	
		For Embossed Panel Door, Add	*172.41*	
		For Baked Enamel Finish, Add	*235.15*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-45.74*	
		For >100, Deduct	*-66.97*	
		For 2" Thick Door, Add	*55.36*	
		For Polystyrene Core, Add	*71.84*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*179.60*	
08 13 13 13-0095	EA	2'-4" x 7'-2" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	849.27	65.43
		For 14 Gauge, Level 4 Maximum Duty, Add	*287.36*	
		For Galvanized Steel Door, Add	*143.68*	
		For Type 304 Stainless Steel Door, Add	*574.71*	
		For Type 316 Stainless Steel Door, Add	*933.91*	
		For Embossed Panel Door, Add	*172.41*	
		For Baked Enamel Finish, Add	*235.15*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-45.74*	
		For >100, Deduct	*-66.97*	
		For 2" Thick Door, Add	*55.36*	
		For Polystyrene Core, Add	*71.84*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*179.60*	
08 13 13 13-0096	EA	2'-6" x 7'-2" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	869.90	68.41
		For 14 Gauge, Level 4 Maximum Duty, Add	*293.23*	
		For Galvanized Steel Door, Add	*146.62*	
		For Type 304 Stainless Steel Door, Add	*586.46*	
		For Type 316 Stainless Steel Door, Add	*953.00*	
		For Embossed Panel Door, Add	*175.94*	
		For Baked Enamel Finish, Add	*240.45*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-46.92*	
		For >100, Deduct	*-68.66*	
		For 2" Thick Door, Add	*56.57*	
		For Polystyrene Core, Add	*73.31*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*183.27*	
08 13 13 13-0097	EA	2'-8" x 7'-2" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	880.84	68.41
		For 14 Gauge, Level 4 Maximum Duty, Add	*297.61*	
		For Galvanized Steel Door, Add	*148.80*	
		For Type 304 Stainless Steel Door, Add	*595.22*	
		For Type 316 Stainless Steel Door, Add	*967.23*	
		For Embossed Panel Door, Add	*178.56*	
		For Baked Enamel Finish, Add	*243.73*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-47.46*	
		For >100, Deduct	*-69.48*	
		For 2" Thick Door, Add	*57.36*	
		For Polystyrene Core, Add	*74.40*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*186.01*	
08 13 13 13-0098	EA	2'-10" x 7'-2" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	888.20	69.90
		For 14 Gauge, Level 4 Maximum Duty, Add	*299.36*	
		For Galvanized Steel Door, Add	*149.68*	
		For Type 304 Stainless Steel Door, Add	*598.73*	
		For Type 316 Stainless Steel Door, Add	*972.93*	
		For Embossed Panel Door, Add	*179.62*	
		For Baked Enamel Finish, Add	*245.49*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-47.90*	
		For >100, Deduct	*-70.11*	
		For 2" Thick Door, Add	*57.75*	
		For Polystyrene Core, Add	*74.84*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*187.10*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*93.55*	
		For Steel Stiffened, Add	*187.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0099	EA	3' x 7'-2" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	895.54	71.38
		For 14 Gauge, Level 4 Maximum Duty, Add	*301.11*	
		For Galvanized Steel Door, Add	*150.55*	
		For Type 304 Stainless Steel Door, Add	*602.22*	
		For Type 316 Stainless Steel Door, Add	*978.60*	
		For Embossed Panel Door, Add	*180.66*	
		For Baked Enamel Finish, Add	*247.25*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-48.35*	
		For >100, Deduct	*-70.73*	
		For 2" Thick Door, Add	*58.15*	
		For Polystyrene Core, Add	*75.28*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*188.19*	
08 13 13 13-0100	EA	3'-4" x 7'-2" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	952.44	71.38
		For 14 Gauge, Level 4 Maximum Duty, Add	*323.87*	
		For Galvanized Steel Door, Add	*161.93*	
		For Type 304 Stainless Steel Door, Add	*647.74*	
		For Type 316 Stainless Steel Door, Add	*1,052.57*	
		For Embossed Panel Door, Add	*194.32*	
		For Baked Enamel Finish, Add	*264.32*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-51.19*	
		For >100, Deduct	*-75.00*	
		For 2" Thick Door, Add	*62.27*	
		For Polystyrene Core, Add	*80.97*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*202.42*	
08 13 13 13-0101	EA	3'-6" x 7'-2" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	980.27	74.36
		For 14 Gauge, Level 4 Maximum Duty, Add	*332.62*	
		For Galvanized Steel Door, Add	*166.31*	
		For Type 304 Stainless Steel Door, Add	*665.24*	
		For Type 316 Stainless Steel Door, Add	*1,081.02*	
		For Embossed Panel Door, Add	*199.57*	
		For Baked Enamel Finish, Add	*271.77*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-52.73*	
		For >100, Deduct	*-77.24*	
		For 2" Thick Door, Add	*64.01*	
		For Polystyrene Core, Add	*83.16*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*207.89*	
08 13 13 13-0102	EA	4' x 7'-2" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	1,079.70	80.31
		For 14 Gauge, Level 4 Maximum Duty, Add	*367.63*	
		For Galvanized Steel Door, Add	*183.82*	
		For Type 304 Stainless Steel Door, Add	*735.26*	
		For Type 316 Stainless Steel Door, Add	*1,194.80*	
		For Embossed Panel Door, Add	*220.58*	
		For Baked Enamel Finish, Add	*299.82*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-58.00*	
		For >100, Deduct	*-84.99*	
		For 2" Thick Door, Add	*70.65*	
		For Polystyrene Core, Add	*91.91*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*229.77*	

08 13 13 13-0103 8' High, 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Doors *(08 13 13 13-0072)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0104	EA	2' x 8' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	983.53	65.43
		For Up To 1' Extra Height, Add	*235.93*	
		For 14 Gauge, Level 4 Maximum Duty, Add	*341.06*	
		For Galvanized Steel Door, Add	*170.53*	
		For Type 304 Stainless Steel Door, Add	*682.12*	
		For Type 316 Stainless Steel Door, Add	*1,108.45*	
		For Embossed Panel Door, Add	*204.64*	
		For Baked Enamel Finish, Add	*275.43*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-52.45*	
		For >100, Deduct	*-77.04*	
		For 2" Thick Door, Add	*65.09*	
		For Polystyrene Core, Add	*85.27*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*213.16*	
08 13 13 13-0105	EA	2'-4" x 8' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	983.53	65.43
		For Up To 1' Extra Height, Add	*235.93*	
		For 14 Gauge, Level 4 Maximum Duty, Add	*341.06*	
		For Galvanized Steel Door, Add	*170.53*	
		For Type 304 Stainless Steel Door, Add	*682.12*	
		For Type 316 Stainless Steel Door, Add	*1,108.45*	
		For Embossed Panel Door, Add	*204.64*	
		For Baked Enamel Finish, Add	*275.43*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-52.45*	
		For >100, Deduct	*-77.04*	
		For 2" Thick Door, Add	*65.09*	
		For Polystyrene Core, Add	*85.27*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*213.16*	
08 13 13 13-0106	EA	2'-6" x 8' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	1,006.91	68.41
		For Up To 1' Extra Height, Add	*240.75*	
		For 14 Gauge, Level 4 Maximum Duty, Add	*348.04*	
		For Galvanized Steel Door, Add	*174.02*	
		For Type 304 Stainless Steel Door, Add	*696.07*	
		For Type 316 Stainless Steel Door, Add	*1,131.12*	
		For Embossed Panel Door, Add	*208.82*	
		For Baked Enamel Finish, Add	*281.55*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-53.77*	
		For >100, Deduct	*-78.94*	
		For 2" Thick Door, Add	*66.50*	
		For Polystyrene Core, Add	*87.01*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*217.52*	
08 13 13 13-0107	EA	2'-8" x 8' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	1,019.89	68.41
		For Up To 1' Extra Height, Add	*244.35*	
		For 14 Gauge, Level 4 Maximum Duty, Add	*353.23*	
		For Galvanized Steel Door, Add	*176.61*	
		For Type 304 Stainless Steel Door, Add	*706.46*	
		For Type 316 Stainless Steel Door, Add	*1,147.99*	
		For Embossed Panel Door, Add	*211.94*	
		For Baked Enamel Finish, Add	*285.44*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-54.42*	
		For >100, Deduct	*-79.91*	
		For 2" Thick Door, Add	*67.44*	
		For Polystyrene Core, Add	*88.31*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*220.77*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0108	EA	2'-10" x 8' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	1,028.05	69.90
		For Up To 1' Extra Height, Add	*245.78*	
		For 14 Gauge, Level 4 Maximum Duty, Add	*355.30*	
		For Galvanized Steel Door, Add	*177.65*	
		For Type 304 Stainless Steel Door, Add	*710.61*	
		For Type 316 Stainless Steel Door, Add	*1,154.74*	
		For Embossed Panel Door, Add	*213.18*	
		For Baked Enamel Finish, Add	*287.45*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-54.90*	
		For >100, Deduct	*-80.60*	
		For 2" Thick Door, Add	*67.89*	
		For Polystyrene Core, Add	*88.83*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*222.07*	
		For Continuously Welded And Filled Vertical Edge Seam, Add	*111.03*	
		For Steel Stiffened, Add	*222.07*	
08 13 13 13-0109	EA	3' x 8' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	1,036.23	71.38
		For Up To 1' Extra Height, Add	*247.22*	
		For 14 Gauge, Level 4 Maximum Duty, Add	*357.38*	
		For Galvanized Steel Door, Add	*178.69*	
		For Type 304 Stainless Steel Door, Add	*714.77*	
		For Type 316 Stainless Steel Door, Add	*1,161.50*	
		For Embossed Panel Door, Add	*214.43*	
		For Baked Enamel Finish, Add	*289.45*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-55.38*	
		For >100, Deduct	*-81.29*	
		For 2" Thick Door, Add	*68.35*	
		For Polystyrene Core, Add	*89.35*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*223.37*	
08 13 13 13-0110	EA	3'-4" x 8' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	1,103.76	71.38
		For Up To 1' Extra Height, Add	*265.91*	
		For 14 Gauge, Level 4 Maximum Duty, Add	*384.40*	
		For Galvanized Steel Door, Add	*192.20*	
		For Type 304 Stainless Steel Door, Add	*768.79*	
		For Type 316 Stainless Steel Door, Add	*1,249.29*	
		For Embossed Panel Door, Add	*230.64*	
		For Baked Enamel Finish, Add	*309.71*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-58.76*	
		For >100, Deduct	*-86.35*	
		For 2" Thick Door, Add	*73.24*	
		For Polystyrene Core, Add	*96.10*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*240.25*	
08 13 13 13-0111	EA	3'-6" x 8' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	1,135.68	74.36
		For Up To 1' Extra Height, Add	*273.09*	
		For 1' To 1'-6" Extra Height, Add	*521.02*	
		For 14 Gauge, Level 4 Maximum Duty, Add	*394.78*	
		For Galvanized Steel Door, Add	*197.39*	
		For Type 304 Stainless Steel Door, Add	*789.57*	
		For Type 316 Stainless Steel Door, Add	*1,283.05*	
		For Embossed Panel Door, Add	*236.87*	
		For Baked Enamel Finish, Add	*318.40*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-60.50*	
		For >100, Deduct	*-88.89*	
		For 2" Thick Door, Add	*75.27*	
		For Polystyrene Core, Add	*98.70*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*246.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0112	EA	4' x 8' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	1,251.47	80.31
		For Up To 1' Extra Height, Add	*301.84*	
		For 1' To 1'-6" Extra Height, Add	*575.86*	
		For 14 Gauge, Level 4 Maximum Duty, Add	*436.34*	
		For Galvanized Steel Door, Add	*218.17*	
		For Type 304 Stainless Steel Door, Add	*872.68*	
		For Type 316 Stainless Steel Door, Add	*1,418.11*	
		For Embossed Panel Door, Add	*261.80*	
		For Baked Enamel Finish, Add	*351.35*	
		For 20 Minute Fire Rated Door, Add	*27.63*	
		For 45 Minute Fire Rated Door, Add	*41.40*	
		For 60 Minute Fire Rated Door, Add	*55.27*	
		For 90 Minute Fire Rated Door, Add	*93.38*	
		For 3 Hour Fire Rated Door, Add	*131.50*	
		For >50 To 100, Deduct	*-66.59*	
		For >100, Deduct	*-97.88*	
		For 2" Thick Door, Add	*83.10*	
		For Polystyrene Core, Add	*109.09*	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	*272.71*	

08 13 13 53 Custom Hollow Metal Doors *(08 13 13)*

08 13 13 53-0001 Steel 18 Gauge 1-3/4" Unrated Door *(08 13 13 53)*

08 13 13 53-0002	EA	2'-2" Or 2'-4" x 6'-9" x 1-3/4", 18 Gauge, Unrated, With Semicircular Head, Hollow Metal Door	1,817.47	148.72
		For 16 Gauge Door, Add	*20.30*	
08 13 13 53-0003	EA	2'-6" x 6'-9" x 1-3/4", 18 Gauge, Unrated, With Semicircular Head, Hollow Metal Door	1,906.32	178.46
		For 16 Gauge Door, Add	*20.30*	

08 13 73 Sliding Metal Doors *(08 13)*

08 13 73 00-0001 Sliding Bypass Mirror Doors *(08 13 73)*

Note: Includes 3.0 mm thick, steel frameless safety backed mirrors with anti-jump rollers and guides.

08 13 73 00-0002	EA	4' x 6' 8", Sliding Bypass Mirror Doors	580.49	89.24
08 13 73 00-0003	EA	5' x 6' 8", Sliding Bypass Mirror Doors	662.31	95.19
08 13 73 00-0004	EA	6' x 6' 8", Sliding Bypass Mirror Doors	744.13	101.13
08 13 73 00-0005	EA	8' x 6' 8", Sliding Bypass Mirror Doors	895.86	107.08

08 14 Wood Doors *(08 10)*

Note: Includes machining for all hardware, except mortised locks. Excludes frames, finish hardware (unless note states included).
See CSI section 08 05 13 00-0040 for mortise preparation, 08 70 00 00-0000 for finish hardware.

08 14 16 Flush Wood Doors *(08 14)*

08 14 16 00-0001 1-3/8" Thick, Hollow Core (HC), Wood Doors *(08 14 16)*

08 14 16 00-0002 Birch Faced Wood Door *(08 14 16 00-0001)*

08 14 16 00-0003	EA	2'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	250.80	65.43
		For >50 To 100, Deduct	*-15.81*	
		For >100, Deduct	*-22.08*	
08 14 16 00-0004	EA	2'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	250.80	65.43
		For >50 To 100, Deduct	*-15.81*	
		For >100, Deduct	*-22.08*	
08 14 16 00-0005	EA	2'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	265.25	68.41
		For >50 To 100, Deduct	*-16.68*	
		For >100, Deduct	*-23.31*	
08 14 16 00-0006	EA	2'-8" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	271.50	68.41
		For >50 To 100, Deduct	*-17.00*	
		For >100, Deduct	*-23.78*	
08 14 16 00-0007	EA	2'-10" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	272.96	68.41
		For >50 To 100, Deduct	*-17.07*	
		For >100, Deduct	*-23.89*	
08 14 16 00-0008	EA	3'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	279.65	71.38
		For >50 To 100, Deduct	*-17.55*	
		For >100, Deduct	*-24.54*	
08 14 16 00-0009	EA	3'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	293.02	71.38
		For >50 To 100, Deduct	*-18.22*	
		For >100, Deduct	*-25.55*	
08 14 16 00-0010	EA	3'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	308.59	74.36
		For >50 To 100, Deduct	*-19.15*	
		For >100, Deduct	*-26.86*	
08 14 16 00-0011	EA	2'-0" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	257.80	65.43
		For >50 To 100, Deduct	*-16.16*	
		For >100, Deduct	*-22.61*	
08 14 16 00-0012	EA	2'-4" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	257.80	65.43
		For >50 To 100, Deduct	*-16.16*	
		For >100, Deduct	*-22.61*	
08 14 16 00-0013	EA	2'-6" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	272.73	68.41
		For >50 To 100, Deduct	*-17.06*	
		For >100, Deduct	*-23.88*	
08 14 16 00-0014	EA	2'-8" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	279.34	68.41
		For >50 To 100, Deduct	*-17.39*	
		For >100, Deduct	*-24.37*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0015	EA	2'-10" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	280.89	68.41
		For >50 To 100, Deduct	*-17.47*	
		For >100, Deduct	*-24.49*	
08 14 16 00-0016	EA	3'-0" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	287.61	71.38
		For >50 To 100, Deduct	*-17.95*	
		For >100, Deduct	*-25.14*	
08 14 16 00-0017	EA	3'-4" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	301.76	71.38
		For >50 To 100, Deduct	*-18.66*	
		For >100, Deduct	*-26.20*	
08 14 16 00-0018	EA	3'-6" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	317.88	74.36
		For >50 To 100, Deduct	*-19.61*	
		For >100, Deduct	*-27.56*	
08 14 16 00-0019	EA	2'-0" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	282.54	65.43
		For >50 To 100, Deduct	*-17.40*	
		For >100, Deduct	*-24.46*	
		For 9' Door Height, Add	*31.85*	
08 14 16 00-0020	EA	2'-4" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	282.54	65.43
		For >50 To 100, Deduct	*-17.40*	
		For >100, Deduct	*-24.46*	
		For 9' Door Height, Add	*31.85*	
08 14 16 00-0021	EA	2'-6" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	299.24	68.41
		For >50 To 100, Deduct	*-18.38*	
		For >100, Deduct	*-25.86*	
		For 9' Door Height, Add	*34.11*	
08 14 16 00-0022	EA	2'-8" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	307.12	68.41
		For >50 To 100, Deduct	*-18.78*	
		For >100, Deduct	*-26.45*	
		For 9' Door Height, Add	*35.76*	
08 14 16 00-0023	EA	2'-10" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	308.98	68.41
		For >50 To 100, Deduct	*-18.87*	
		For >100, Deduct	*-26.59*	
		For 9' Door Height, Add	*36.15*	
08 14 16 00-0024	EA	3'-0" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	315.85	71.38
		For >50 To 100, Deduct	*-19.36*	
		For >100, Deduct	*-27.26*	
		For 9' Door Height, Add	*36.35*	
08 14 16 00-0025	EA	3'-4" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	332.76	71.38
		For >50 To 100, Deduct	*-20.21*	
		For >100, Deduct	*-28.53*	
		For 9' Door Height, Add	*39.90*	
08 14 16 00-0026	EA	3'-6" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	350.86	74.36
		For >50 To 100, Deduct	*-21.26*	
		For >100, Deduct	*-30.03*	
		For 9' Door Height, Add	*42.45*	

08 14 16 00-0027 Oak Faced Wood Door *(08 14 16 00-0001)*

08 14 16 00-0028	EA	2'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	308.42	65.43
		For >50 To 100, Deduct	*-18.69*	
		For >100, Deduct	*-26.40*	
08 14 16 00-0029	EA	2'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	308.42	65.43
		For >50 To 100, Deduct	*-18.69*	
		For >100, Deduct	*-26.40*	
08 14 16 00-0030	EA	2'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	326.94	68.41
		For >50 To 100, Deduct	*-19.77*	
		For >100, Deduct	*-27.94*	
08 14 16 00-0031	EA	2'-8" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	336.20	68.41
		For >50 To 100, Deduct	*-20.23*	
		For >100, Deduct	*-28.64*	
08 14 16 00-0032	EA	2'-10" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	337.83	68.41
		For >50 To 100, Deduct	*-20.31*	
		For >100, Deduct	*-28.76*	
08 14 16 00-0033	EA	3'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	345.41	71.38
		For >50 To 100, Deduct	*-20.84*	
		For >100, Deduct	*-29.48*	
08 14 16 00-0034	EA	3'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	365.18	71.38
		For >50 To 100, Deduct	*-21.83*	
		For >100, Deduct	*-30.96*	
08 14 16 00-0035	EA	3'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	385.37	74.36
		For >50 To 100, Deduct	*-22.99*	
		For >100, Deduct	*-32.62*	
08 14 16 00-0036	EA	2'-0" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	318.75	65.43
		For >50 To 100, Deduct	*-19.21*	
		For >100, Deduct	*-27.18*	
08 14 16 00-0037	EA	2'-4" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	318.75	65.43
		For >50 To 100, Deduct	*-19.21*	
		For >100, Deduct	*-27.18*	
08 14 16 00-0038	EA	2'-6" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	338.01	68.41
		For >50 To 100, Deduct	*-20.32*	
		For >100, Deduct	*-28.77*	
08 14 16 00-0039	EA	2'-8" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	347.80	68.41
		For >50 To 100, Deduct	*-20.81*	
		For >100, Deduct	*-29.51*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0040	EA	2'-10" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	349.52	68.41
		For >50 To 100, Deduct	*-20.90*	
		For >100, Deduct	*-29.63*	
08 14 16 00-0041	EA	3'-0" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	357.19	71.38
		For >50 To 100, Deduct	*-21.43*	
		For >100, Deduct	*-30.36*	
08 14 16 00-0042	EA	3'-4" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	378.11	71.38
		For >50 To 100, Deduct	*-22.47*	
		For >100, Deduct	*-31.93*	
08 14 16 00-0043	EA	3'-6" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	399.14	74.36
		For >50 To 100, Deduct	*-23.68*	
		For >100, Deduct	*-33.65*	
08 14 16 00-0044	EA	2'-0" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	355.39	65.43
		For >50 To 100, Deduct	*-21.04*	
		For >100, Deduct	*-29.93*	
		For 9' Door Height, Add	*47.15*	
08 14 16 00-0045	EA	2'-4" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	355.39	65.43
		For >50 To 100, Deduct	*-21.04*	
		For >100, Deduct	*-29.93*	
		For 9' Door Height, Add	*47.15*	
08 14 16 00-0046	EA	2'-6" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	377.24	68.41
		For >50 To 100, Deduct	*-22.28*	
		For >100, Deduct	*-31.71*	
		For 9' Door Height, Add	*50.49*	
08 14 16 00-0047	EA	2'-8" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	388.93	68.41
		For >50 To 100, Deduct	*-22.87*	
		For >100, Deduct	*-32.59*	
		For 9' Door Height, Add	*52.94*	
08 14 16 00-0048	EA	2'-10" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	391.01	68.41
		For >50 To 100, Deduct	*-22.97*	
		For >100, Deduct	*-32.75*	
		For 9' Door Height, Add	*53.38*	
08 14 16 00-0049	EA	3'-0" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	399.01	71.38
		For >50 To 100, Deduct	*-23.52*	
		For >100, Deduct	*-33.50*	
		For 9' Door Height, Add	*53.81*	
08 14 16 00-0050	EA	3'-4" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	424.02	71.38
		For >50 To 100, Deduct	*-24.77*	
		For >100, Deduct	*-35.37*	
		For 9' Door Height, Add	*59.06*	
08 14 16 00-0051	EA	3'-6" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	447.98	74.36
		For >50 To 100, Deduct	*-26.12*	
		For >100, Deduct	*-37.32*	
		For 9' Door Height, Add	*62.84*	

08 14 16 00-0052 Maple Faced Wood Door *(08 14 16 00-0001)*

08 14 16 00-0053	EA	2'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	308.89	65.43
		For >50 To 100, Deduct	*-18.72*	
		For >100, Deduct	*-26.44*	
08 14 16 00-0054	EA	2'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	308.89	65.43
		For >50 To 100, Deduct	*-18.72*	
		For >100, Deduct	*-26.44*	
08 14 16 00-0055	EA	2'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	327.43	68.41
		For >50 To 100, Deduct	*-19.79*	
		For >100, Deduct	*-27.98*	
08 14 16 00-0056	EA	2'-8" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	336.73	68.41
		For >50 To 100, Deduct	*-20.26*	
		For >100, Deduct	*-28.68*	
08 14 16 00-0057	EA	2'-10" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	338.36	68.41
		For >50 To 100, Deduct	*-20.34*	
		For >100, Deduct	*-28.80*	
08 14 16 00-0058	EA	3'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	345.95	71.38
		For >50 To 100, Deduct	*-20.87*	
		For >100, Deduct	*-29.52*	
08 14 16 00-0059	EA	3'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	365.76	71.38
		For >50 To 100, Deduct	*-21.86*	
		For >100, Deduct	*-31.00*	
08 14 16 00-0060	EA	3'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	385.99	74.36
		For >50 To 100, Deduct	*-23.02*	
		For >100, Deduct	*-32.67*	
08 14 16 00-0061	EA	2'-0" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	319.23	65.43
		For >50 To 100, Deduct	*-19.23*	
		For >100, Deduct	*-27.21*	
08 14 16 00-0062	EA	2'-4" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	319.23	65.43
		For >50 To 100, Deduct	*-19.23*	
		For >100, Deduct	*-27.21*	
08 14 16 00-0063	EA	2'-6" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	338.54	68.41
		For >50 To 100, Deduct	*-20.35*	
		For >100, Deduct	*-28.81*	
08 14 16 00-0064	EA	2'-8" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	348.35	68.41
		For >50 To 100, Deduct	*-20.84*	
		For >100, Deduct	*-29.55*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0065	EA	2'-10" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	350.09	68.41
		For >50 To 100, Deduct	*-20.93*	
		For >100, Deduct	*-29.68*	
08 14 16 00-0066	EA	3'-0" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	357.75	71.38
		For >50 To 100, Deduct	*-21.46*	
		For >100, Deduct	*-30.40*	
08 14 16 00-0067	EA	3'-4" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	378.73	71.38
		For >50 To 100, Deduct	*-22.51*	
		For >100, Deduct	*-31.97*	
08 14 16 00-0068	EA	3'-6" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	399.80	74.36
		For >50 To 100, Deduct	*-23.71*	
		For >100, Deduct	*-33.70*	
08 14 16 00-0069	EA	2'-0" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	355.98	65.43
		For >50 To 100, Deduct	*-21.07*	
		For >100, Deduct	*-29.97*	
		For 9' Door Height, Add	*47.27*	
08 14 16 00-0070	EA	2'-4" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	355.98	65.43
		For >50 To 100, Deduct	*-21.07*	
		For >100, Deduct	*-29.97*	
		For 9' Door Height, Add	*47.27*	
08 14 16 00-0071	EA	2'-6" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	377.86	68.41
		For >50 To 100, Deduct	*-22.31*	
		For >100, Deduct	*-31.76*	
		For 9' Door Height, Add	*50.62*	
08 14 16 00-0072	EA	2'-8" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	389.58	68.41
		For >50 To 100, Deduct	*-22.90*	
		For >100, Deduct	*-32.64*	
		For 9' Door Height, Add	*53.08*	
08 14 16 00-0073	EA	2'-10" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	391.67	68.41
		For >50 To 100, Deduct	*-23.00*	
		For >100, Deduct	*-32.80*	
		For 9' Door Height, Add	*53.52*	
08 14 16 00-0074	EA	3'-0" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	399.68	71.38
		For >50 To 100, Deduct	*-23.55*	
		For >100, Deduct	*-33.55*	
		For 9' Door Height, Add	*53.95*	
08 14 16 00-0075	EA	3'-4" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	424.77	71.38
		For >50 To 100, Deduct	*-24.81*	
		For >100, Deduct	*-35.43*	
		For 9' Door Height, Add	*59.22*	
08 14 16 00-0076	EA	3'-6" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	448.76	74.36
		For >50 To 100, Deduct	*-26.16*	
		For >100, Deduct	*-37.38*	
		For 9' Door Height, Add	*63.01*	

08 14 16 00-0077 Lauan Faced Wood Doors *(08 14 16 00-0001)*

08 14 16 00-0078	EA	2'-0" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	222.06	65.43
		For >50 To 100, Deduct	*-14.38*	
		For >100, Deduct	*-19.93*	
08 14 16 00-0079	EA	2'-4" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	222.06	65.43
		For >50 To 100, Deduct	*-14.38*	
		For >100, Deduct	*-19.93*	
08 14 16 00-0080	EA	2'-6" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	234.18	68.41
		For >50 To 100, Deduct	*-15.13*	
		For >100, Deduct	*-20.98*	
08 14 16 00-0081	EA	2'-8" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	239.40	68.41
		For >50 To 100, Deduct	*-15.39*	
		For >100, Deduct	*-21.38*	
08 14 16 00-0082	EA	2'-10" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	241.24	68.41
		For >50 To 100, Deduct	*-15.48*	
		For >100, Deduct	*-21.51*	
08 14 16 00-0083	EA	3'-0" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	249.03	71.38
		For >50 To 100, Deduct	*-16.02*	
		For >100, Deduct	*-22.25*	
08 14 16 00-0084	EA	3'-4" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	259.19	71.38
		For >50 To 100, Deduct	*-16.53*	
		For >100, Deduct	*-23.01*	
08 14 16 00-0085	EA	3'-6" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	272.60	74.36
		For >50 To 100, Deduct	*-17.35*	
		For >100, Deduct	*-24.16*	
08 14 16 00-0086	EA	2'-0" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	227.36	65.43
		For >50 To 100, Deduct	*-14.64*	
		For >100, Deduct	*-20.32*	
08 14 16 00-0087	EA	2'-4" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	225.76	65.43
		For >50 To 100, Deduct	*-14.56*	
		For >100, Deduct	*-20.20*	
08 14 16 00-0088	EA	2'-6" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	239.85	68.41
		For >50 To 100, Deduct	*-15.41*	
		For >100, Deduct	*-21.41*	
08 14 16 00-0089	EA	2'-8" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	245.36	68.41
		For >50 To 100, Deduct	*-15.69*	
		For >100, Deduct	*-21.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0090	EA	2'-10" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	245.49	68.41
		For >50 To 100, Deduct	*-15.70*	
		For >100, Deduct	*-21.83*	
08 14 16 00-0091	EA	3'-0" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	255.21	71.38
		For >50 To 100, Deduct	*-16.33*	
		For >100, Deduct	*-22.71*	
08 14 16 00-0092	EA	3'-4" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	265.96	71.38
		For >50 To 100, Deduct	*-16.87*	
		For >100, Deduct	*-23.52*	
08 14 16 00-0093	EA	3'-6" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	277.63	74.36
		For >50 To 100, Deduct	*-17.60*	
		For >100, Deduct	*-24.54*	
08 14 16 00-0094	EA	2'-0" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	246.19	65.43
		For >50 To 100, Deduct	*-15.58*	
		For >100, Deduct	*-21.74*	
		For 9' Door Height, Add	*24.22*	
08 14 16 00-0095	EA	2'-4" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	246.16	65.43
		For >50 To 100, Deduct	*-15.58*	
		For >100, Deduct	*-21.73*	
		For 9' Door Height, Add	*24.21*	
08 14 16 00-0096	EA	2'-6" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	259.94	68.41
		For >50 To 100, Deduct	*-16.42*	
		For >100, Deduct	*-22.92*	
		For 9' Door Height, Add	*25.86*	
08 14 16 00-0097	EA	2'-8" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	266.52	68.41
		For >50 To 100, Deduct	*-16.75*	
		For >100, Deduct	*-23.41*	
		For 9' Door Height, Add	*27.24*	
08 14 16 00-0098	EA	2'-10" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	268.86	68.41
		For >50 To 100, Deduct	*-16.86*	
		For >100, Deduct	*-23.59*	
		For 9' Door Height, Add	*27.73*	
08 14 16 00-0099	EA	3'-0" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	277.13	71.38
		For >50 To 100, Deduct	*-17.43*	
		For >100, Deduct	*-24.35*	
		For 9' Door Height, Add	*28.22*	
08 14 16 00-0100	EA	3'-4" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	289.99	71.38
		For >50 To 100, Deduct	*-18.07*	
		For >100, Deduct	*-25.32*	
		For 9' Door Height, Add	*30.92*	
08 14 16 00-0101	EA	3'-6" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	305.34	74.36
		For >50 To 100, Deduct	*-18.99*	
		For >100, Deduct	*-26.62*	
		For 9' Door Height, Add	*32.89*	

08 14 16 00-0102 Medium Density Overlay (MDO) Faced Wood Doors *(08 14 16 00-0001)*

08 14 16 00-0103	EA	2'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	238.33	65.43
		For >50 To 100, Deduct	*-15.19*	
		For >100, Deduct	*-21.15*	
08 14 16 00-0104	EA	2'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	238.33	65.43
		For >50 To 100, Deduct	*-15.19*	
		For >100, Deduct	*-21.15*	
08 14 16 00-0105	EA	2'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	252.11	68.41
		For >50 To 100, Deduct	*-16.03*	
		For >100, Deduct	*-22.33*	
08 14 16 00-0106	EA	2'-8" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	255.81	68.41
		For >50 To 100, Deduct	*-16.21*	
		For >100, Deduct	*-22.61*	
08 14 16 00-0107	EA	2'-10" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	259.54	68.41
		For >50 To 100, Deduct	*-16.40*	
		For >100, Deduct	*-22.89*	
08 14 16 00-0108	EA	3'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	269.19	71.38
		For >50 To 100, Deduct	*-17.03*	
		For >100, Deduct	*-23.76*	
08 14 16 00-0109	EA	3'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	283.10	71.38
		For >50 To 100, Deduct	*-17.72*	
		For >100, Deduct	*-24.80*	
08 14 16 00-0110	EA	3'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	298.02	74.36
		For >50 To 100, Deduct	*-18.62*	
		For >100, Deduct	*-26.07*	
08 14 16 00-0111	EA	2'-0" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	244.57	65.43
		For >50 To 100, Deduct	*-15.50*	
		For >100, Deduct	*-21.61*	
08 14 16 00-0112	EA	2'-4" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	244.58	65.43
		For >50 To 100, Deduct	*-15.50*	
		For >100, Deduct	*-21.62*	
08 14 16 00-0113	EA	2'-6" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	258.81	68.41
		For >50 To 100, Deduct	*-16.36*	
		For >100, Deduct	*-22.83*	
08 14 16 00-0114	EA	2'-8" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	262.74	68.41
		For >50 To 100, Deduct	*-16.56*	
		For >100, Deduct	*-23.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0115	EA	2'-10" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	266.68	68.41
		For >50 To 100, Deduct	*-16.75*	
		For >100, Deduct	*-23.42*	
08 14 16 00-0116	EA	3'-0" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	276.56	71.38
		For >50 To 100, Deduct	*-17.40*	
		For >100, Deduct	*-24.31*	
08 14 16 00-0117	EA	3'-4" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	291.27	71.38
		For >50 To 100, Deduct	*-18.13*	
		For >100, Deduct	*-25.41*	
08 14 16 00-0118	EA	3'-6" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	306.72	74.36
		For >50 To 100, Deduct	*-19.05*	
		For >100, Deduct	*-26.72*	
08 14 16 00-0119	EA	2'-0" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	266.73	65.43
		For >50 To 100, Deduct	*-16.61*	
		For >100, Deduct	*-23.28*	
		For 9' Door Height, Add	*28.53*	
08 14 16 00-0120	EA	2'-4" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	266.76	65.43
		For >50 To 100, Deduct	*-16.61*	
		For >100, Deduct	*-23.28*	
		For 9' Door Height, Add	*28.53*	
08 14 16 00-0121	EA	2'-6" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	282.59	68.41
		For >50 To 100, Deduct	*-17.55*	
		For >100, Deduct	*-24.61*	
		For 9' Door Height, Add	*30.61*	
08 14 16 00-0122	EA	2'-8" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	287.31	68.41
		For >50 To 100, Deduct	*-17.79*	
		For >100, Deduct	*-24.97*	
		For 9' Door Height, Add	*31.60*	
08 14 16 00-0123	EA	2'-10" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	292.02	68.41
		For >50 To 100, Deduct	*-18.02*	
		For >100, Deduct	*-25.32*	
		For 9' Door Height, Add	*32.59*	
08 14 16 00-0124	EA	3'-0" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	302.66	71.38
		For >50 To 100, Deduct	*-18.70*	
		For >100, Deduct	*-26.27*	
		For 9' Door Height, Add	*33.58*	
08 14 16 00-0125	EA	3'-4" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	320.24	71.38
		For >50 To 100, Deduct	*-19.58*	
		For >100, Deduct	*-27.59*	
		For 9' Door Height, Add	*37.27*	
08 14 16 00-0126	EA	3'-6" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	337.53	74.36
		For >50 To 100, Deduct	*-20.59*	
		For >100, Deduct	*-29.03*	
		For 9' Door Height, Add	*39.65*	

08 14 16 00-0127 1-3/4" Thick, Hollow Core (HC), Wood Doors *(08 14 16)*

08 14 16 00-0128 Birch Faced Wood Doors *(08 14 16 00-0127)*

08 14 16 00-0129	EA	2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	280.78	65.43
		For >50 To 100, Deduct	*-17.31*	
		For >100, Deduct	*-24.33*	
08 14 16 00-0130	EA	2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	280.78	65.43
		For >50 To 100, Deduct	*-17.31*	
		For >100, Deduct	*-24.33*	
08 14 16 00-0131	EA	2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	292.37	68.41
		For >50 To 100, Deduct	*-18.04*	
		For >100, Deduct	*-25.35*	
08 14 16 00-0132	EA	2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	294.48	68.41
		For >50 To 100, Deduct	*-18.14*	
		For >100, Deduct	*-25.51*	
08 14 16 00-0133	EA	2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	299.09	68.41
		For >50 To 100, Deduct	*-18.38*	
		For >100, Deduct	*-25.85*	
08 14 16 00-0134	EA	3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	309.65	71.38
		For >50 To 100, Deduct	*-19.05*	
		For >100, Deduct	*-26.79*	
08 14 16 00-0135	EA	3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	334.12	71.38
		For >50 To 100, Deduct	*-20.28*	
		For >100, Deduct	*-28.63*	
08 14 16 00-0136	EA	3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	389.73	74.36
		For >50 To 100, Deduct	*-23.20*	
		For >100, Deduct	*-32.95*	
08 14 16 00-0137	EA	3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	401.78	74.36
		For >50 To 100, Deduct	*-23.81*	
		For >100, Deduct	*-33.85*	
08 14 16 00-0138	EA	4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	425.88	74.36
		For >50 To 100, Deduct	*-25.01*	
		For >100, Deduct	*-35.66*	
08 14 16 00-0139	EA	2'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	289.51	65.43
		For >50 To 100, Deduct	*-17.75*	
		For >100, Deduct	*-24.99*	
08 14 16 00-0140	EA	2'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	289.51	65.43
		For >50 To 100, Deduct	*-17.75*	
		For >100, Deduct	*-24.99*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0141	EA	2'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	301.42	68.41
		For >50 To 100, Deduct	*-18.49*	
		For >100, Deduct	*-26.03*	
08 14 16 00-0142	EA	2'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	303.66	68.41
		For >50 To 100, Deduct	*-18.60*	
		For >100, Deduct	*-26.20*	
08 14 16 00-0143	EA	2'-10" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	308.54	68.41
		For >50 To 100, Deduct	*-18.85*	
		For >100, Deduct	*-26.56*	
08 14 16 00-0144	EA	3'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	319.35	71.38
		For >50 To 100, Deduct	*-19.54*	
		For >100, Deduct	*-27.52*	
08 14 16 00-0145	EA	3'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	345.26	71.38
		For >50 To 100, Deduct	*-20.83*	
		For >100, Deduct	*-29.46*	
08 14 16 00-0146	EA	3'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	403.77	74.36
		For >50 To 100, Deduct	*-23.91*	
		For >100, Deduct	*-34.00*	
08 14 16 00-0147	EA	3'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	416.51	74.36
		For >50 To 100, Deduct	*-24.54*	
		For >100, Deduct	*-34.96*	
08 14 16 00-0148	EA	4'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	442.02	74.36
		For >50 To 100, Deduct	*-25.82*	
		For >100, Deduct	*-36.87*	
08 14 16 00-0149	EA	2'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	320.45	65.43
		For >50 To 100, Deduct	*-19.29*	
		For >100, Deduct	*-27.31*	
		For 9' Door Height, Add	*39.81*	
08 14 16 00-0150	EA	2'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	320.45	65.43
		For >50 To 100, Deduct	*-19.29*	
		For >100, Deduct	*-27.31*	
		For 9' Door Height, Add	*39.81*	
08 14 16 00-0151	EA	2'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	333.53	68.41
		For >50 To 100, Deduct	*-20.10*	
		For >100, Deduct	*-28.44*	
		For 9' Door Height, Add	*41.31*	
08 14 16 00-0152	EA	2'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	336.18	68.41
		For >50 To 100, Deduct	*-20.23*	
		For >100, Deduct	*-28.63*	
		For 9' Door Height, Add	*41.87*	
08 14 16 00-0153	EA	2'-10" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	342.03	68.41
		For >50 To 100, Deduct	*-20.52*	
		For >100, Deduct	*-29.07*	
		For 9' Door Height, Add	*43.09*	
08 14 16 00-0154	EA	3'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	353.78	71.38
		For >50 To 100, Deduct	*-21.26*	
		For >100, Deduct	*-30.10*	
		For 9' Door Height, Add	*44.31*	
08 14 16 00-0155	EA	3'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	384.75	71.38
		For >50 To 100, Deduct	*-22.81*	
		For >100, Deduct	*-32.43*	
		For 9' Door Height, Add	*50.82*	
08 14 16 00-0156	EA	3'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	453.50	74.36
		For >50 To 100, Deduct	*-26.39*	
		For >100, Deduct	*-37.73*	
		For 9' Door Height, Add	*64.00*	
08 14 16 00-0157	EA	3'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	468.72	74.36
		For >50 To 100, Deduct	*-27.15*	
		For >100, Deduct	*-38.87*	
		For 9' Door Height, Add	*67.20*	
08 14 16 00-0158	EA	4'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	499.22	74.36
		For >50 To 100, Deduct	*-28.68*	
		For >100, Deduct	*-41.16*	
		For 9' Door Height, Add	*73.61*	

08 14 16 00-0159 Oak Faced Wood Doors *(08 14 16 00-0127)*

08 14 16 00-0160	EA	2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	366.97	65.43
		For >50 To 100, Deduct	*-21.62*	
		For >100, Deduct	*-30.79*	
08 14 16 00-0161	EA	2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	366.97	65.43
		For >50 To 100, Deduct	*-21.62*	
		For >100, Deduct	*-30.79*	
08 14 16 00-0162	EA	2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	381.78	68.41
		For >50 To 100, Deduct	*-22.51*	
		For >100, Deduct	*-32.05*	
08 14 16 00-0163	EA	2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	385.10	68.41
		For >50 To 100, Deduct	*-22.68*	
		For >100, Deduct	*-32.30*	
08 14 16 00-0164	EA	2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	392.37	68.41
		For >50 To 100, Deduct	*-23.04*	
		For >100, Deduct	*-32.85*	
08 14 16 00-0165	EA	3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	405.56	71.38
		For >50 To 100, Deduct	*-23.85*	
		For >100, Deduct	*-33.99*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0166	EA	3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	444.11	71.38
		For >50 To 100, Deduct	*-25.77*	
		For >100, Deduct	*-36.88*	
08 14 16 00-0167	EA	3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	528.28	74.36
		For >50 To 100, Deduct	*-30.13*	
		For >100, Deduct	*-43.34*	
08 14 16 00-0168	EA	3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	547.27	74.36
		For >50 To 100, Deduct	*-31.08*	
		For >100, Deduct	*-44.76*	
08 14 16 00-0169	EA	4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	585.25	74.36
		For >50 To 100, Deduct	*-32.98*	
		For >100, Deduct	*-47.61*	
08 14 16 00-0170	EA	2'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	380.70	65.43
		For >50 To 100, Deduct	*-22.31*	
		For >100, Deduct	*-31.82*	
08 14 16 00-0171	EA	2'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	380.71	65.43
		For >50 To 100, Deduct	*-22.31*	
		For >100, Deduct	*-31.83*	
08 14 16 00-0172	EA	2'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	396.03	68.41
		For >50 To 100, Deduct	*-23.22*	
		For >100, Deduct	*-33.12*	
08 14 16 00-0173	EA	2'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	399.55	68.41
		For >50 To 100, Deduct	*-23.40*	
		For >100, Deduct	*-33.39*	
08 14 16 00-0174	EA	2'-10" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	407.24	68.41
		For >50 To 100, Deduct	*-23.78*	
		For >100, Deduct	*-33.96*	
08 14 16 00-0175	EA	3'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	420.86	71.38
		For >50 To 100, Deduct	*-24.61*	
		For >100, Deduct	*-35.13*	
08 14 16 00-0176	EA	3'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	461.65	71.38
		For >50 To 100, Deduct	*-26.65*	
		For >100, Deduct	*-38.19*	
08 14 16 00-0177	EA	3'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	550.37	74.36
		For >50 To 100, Deduct	*-31.24*	
		For >100, Deduct	*-45.00*	
08 14 16 00-0178	EA	3'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	570.48	74.36
		For >50 To 100, Deduct	*-32.24*	
		For >100, Deduct	*-46.50*	
08 14 16 00-0179	EA	4'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	610.66	74.36
		For >50 To 100, Deduct	*-34.25*	
		For >100, Deduct	*-49.52*	
08 14 16 00-0180	EA	2'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	429.40	65.43
		For >50 To 100, Deduct	*-24.74*	
		For >100, Deduct	*-35.48*	
		For 9' Door Height, Add	*62.69*	
08 14 16 00-0181	EA	2'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	429.43	65.43
		For >50 To 100, Deduct	*-24.74*	
		For >100, Deduct	*-35.48*	
		For 9' Door Height, Add	*62.70*	
08 14 16 00-0182	EA	2'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	446.59	68.41
		For >50 To 100, Deduct	*-25.75*	
		For >100, Deduct	*-36.91*	
		For 9' Door Height, Add	*65.05*	
08 14 16 00-0183	EA	2'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	450.77	68.41
		For >50 To 100, Deduct	*-25.96*	
		For >100, Deduct	*-37.23*	
		For 9' Door Height, Add	*65.93*	
08 14 16 00-0184	EA	2'-10" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	459.97	68.41
		For >50 To 100, Deduct	*-26.42*	
		For >100, Deduct	*-37.92*	
		For 9' Door Height, Add	*67.86*	
08 14 16 00-0185	EA	3'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	475.09	71.38
		For >50 To 100, Deduct	*-27.32*	
		For >100, Deduct	*-39.20*	
		For 9' Door Height, Add	*69.79*	
08 14 16 00-0186	EA	3'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	523.84	71.38
		For >50 To 100, Deduct	*-29.76*	
		For >100, Deduct	*-42.86*	
		For 9' Door Height, Add	*80.02*	
08 14 16 00-0187	EA	3'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	628.70	74.36
		For >50 To 100, Deduct	*-35.15*	
		For >100, Deduct	*-50.87*	
		For 9' Door Height, Add	*100.80*	
08 14 16 00-0188	EA	3'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	652.73	74.36
		For >50 To 100, Deduct	*-36.35*	
		For >100, Deduct	*-52.67*	
		For 9' Door Height, Add	*105.84*	
08 14 16 00-0189	EA	4'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	700.75	74.36
		For >50 To 100, Deduct	*-38.76*	
		For >100, Deduct	*-56.27*	
		For 9' Door Height, Add	*115.93*	

08 14 16 00-0190 Maple Faced Wood Doors *(08 14 16 00-0127)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0191	EA	2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	367.58	65.43
		For >50 To 100, Deduct	*-21.65*	
		For >100, Deduct	*-30.84*	
08 14 16 00-0192	EA	2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	367.58	65.43
		For >50 To 100, Deduct	*-21.65*	
		For >100, Deduct	*-30.84*	
08 14 16 00-0193	EA	2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	382.42	68.41
		For >50 To 100, Deduct	*-22.54*	
		For >100, Deduct	*-32.10*	
08 14 16 00-0194	EA	2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	385.89	68.41
		For >50 To 100, Deduct	*-22.72*	
		For >100, Deduct	*-32.36*	
08 14 16 00-0195	EA	2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	393.11	68.41
		For >50 To 100, Deduct	*-23.08*	
		For >100, Deduct	*-32.90*	
08 14 16 00-0196	EA	3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	406.25	71.38
		For >50 To 100, Deduct	*-23.88*	
		For >100, Deduct	*-34.04*	
08 14 16 00-0197	EA	3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	444.90	71.38
		For >50 To 100, Deduct	*-25.81*	
		For >100, Deduct	*-36.94*	
08 14 16 00-0198	EA	3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	510.35	74.36
		For >50 To 100, Deduct	*-29.24*	
		For >100, Deduct	*-41.99*	
08 14 16 00-0199	EA	3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	548.31	74.36
		For >50 To 100, Deduct	*-31.13*	
		For >100, Deduct	*-44.84*	
08 14 16 00-0200	EA	4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	586.39	74.36
		For >50 To 100, Deduct	*-33.04*	
		For >100, Deduct	*-47.70*	
08 14 16 00-0201	EA	2'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	381.36	65.43
		For >50 To 100, Deduct	*-22.34*	
		For >100, Deduct	*-31.87*	
08 14 16 00-0202	EA	2'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	381.36	65.43
		For >50 To 100, Deduct	*-22.34*	
		For >100, Deduct	*-31.87*	
08 14 16 00-0203	EA	2'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	396.70	68.41
		For >50 To 100, Deduct	*-23.26*	
		For >100, Deduct	*-33.17*	
08 14 16 00-0204	EA	2'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	400.39	68.41
		For >50 To 100, Deduct	*-23.44*	
		For >100, Deduct	*-33.45*	
08 14 16 00-0205	EA	2'-10" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	408.01	68.41
		For >50 To 100, Deduct	*-23.82*	
		For >100, Deduct	*-34.02*	
08 14 16 00-0206	EA	3'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	421.57	71.38
		For >50 To 100, Deduct	*-24.65*	
		For >100, Deduct	*-35.19*	
08 14 16 00-0207	EA	3'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	462.48	71.38
		For >50 To 100, Deduct	*-26.69*	
		For >100, Deduct	*-38.26*	
08 14 16 00-0208	EA	3'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	531.30	74.36
		For >50 To 100, Deduct	*-30.28*	
		For >100, Deduct	*-43.57*	
08 14 16 00-0209	EA	3'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	571.59	74.36
		For >50 To 100, Deduct	*-32.30*	
		For >100, Deduct	*-46.59*	
08 14 16 00-0210	EA	4'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	611.85	74.36
		For >50 To 100, Deduct	*-34.31*	
		For >100, Deduct	*-49.61*	
08 14 16 00-0211	EA	2'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	430.21	65.43
		For >50 To 100, Deduct	*-24.78*	
		For >100, Deduct	*-35.54*	
		For 9' Door Height, Add	*62.86*	
08 14 16 00-0212	EA	2'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	430.21	65.43
		For >50 To 100, Deduct	*-24.78*	
		For >100, Deduct	*-35.54*	
		For 9' Door Height, Add	*62.86*	
08 14 16 00-0213	EA	2'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	447.38	68.41
		For >50 To 100, Deduct	*-25.79*	
		For >100, Deduct	*-36.97*	
		For 9' Door Height, Add	*65.22*	
08 14 16 00-0214	EA	2'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	451.79	68.41
		For >50 To 100, Deduct	*-26.01*	
		For >100, Deduct	*-37.30*	
		For 9' Door Height, Add	*66.14*	
08 14 16 00-0215	EA	2'-10" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	460.86	68.41
		For >50 To 100, Deduct	*-26.46*	
		For >100, Deduct	*-37.99*	
		For 9' Door Height, Add	*68.05*	
08 14 16 00-0216	EA	3'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	475.94	71.38
		For >50 To 100, Deduct	*-27.37*	
		For >100, Deduct	*-39.26*	
		For 9' Door Height, Add	*69.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0217	EA	3'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	524.81	71.38
		For >50 To 100, Deduct	*-29.81*	
		For >100, Deduct	*-42.93*	
		For 9' Door Height, Add	*80.23*	
08 14 16 00-0218	EA	3'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	605.93	74.36
		For >50 To 100, Deduct	*-34.01*	
		For >100, Deduct	*-49.16*	
		For 9' Door Height, Add	*96.01*	
08 14 16 00-0219	EA	3'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	654.05	74.36
		For >50 To 100, Deduct	*-36.42*	
		For >100, Deduct	*-52.77*	
		For 9' Door Height, Add	*106.12*	
08 14 16 00-0220	EA	4'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	702.20	74.36
		For >50 To 100, Deduct	*-38.83*	
		For >100, Deduct	*-56.38*	
		For 9' Door Height, Add	*116.23*	

08 14 16 00-0221 Walnut Faced Wood Doors *(08 14 16 00-0127)*

08 14 16 00-0222	EA	2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	450.71	65.43
		For >50 To 100, Deduct	*-25.81*	
		For >100, Deduct	*-37.08*	
08 14 16 00-0223	EA	2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	450.71	65.43
		For >50 To 100, Deduct	*-25.81*	
		For >100, Deduct	*-37.08*	
08 14 16 00-0224	EA	2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	458.87	68.41
		For >50 To 100, Deduct	*-26.36*	
		For >100, Deduct	*-37.84*	
08 14 16 00-0225	EA	2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	473.06	68.41
		For >50 To 100, Deduct	*-27.07*	
		For >100, Deduct	*-38.90*	
08 14 16 00-0226	EA	2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	475.22	68.41
		For >50 To 100, Deduct	*-27.18*	
		For >100, Deduct	*-39.06*	
08 14 16 00-0227	EA	3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	483.34	71.38
		For >50 To 100, Deduct	*-27.74*	
		For >100, Deduct	*-39.82*	
08 14 16 00-0228	EA	3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	521.35	71.38
		For >50 To 100, Deduct	*-29.64*	
		For >100, Deduct	*-42.67*	
08 14 16 00-0229	EA	3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	625.43	74.36
		For >50 To 100, Deduct	*-34.99*	
		For >100, Deduct	*-50.63*	
08 14 16 00-0230	EA	3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	649.26	74.36
		For >50 To 100, Deduct	*-36.18*	
		For >100, Deduct	*-52.41*	
08 14 16 00-0231	EA	4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	696.98	74.36
		For >50 To 100, Deduct	*-38.57*	
		For >100, Deduct	*-55.99*	
08 14 16 00-0232	EA	2'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	469.31	65.43
		For >50 To 100, Deduct	*-26.74*	
		For >100, Deduct	*-38.47*	
08 14 16 00-0233	EA	2'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	469.31	65.43
		For >50 To 100, Deduct	*-26.74*	
		For >100, Deduct	*-38.47*	
08 14 16 00-0234	EA	2'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	477.63	68.41
		For >50 To 100, Deduct	*-27.30*	
		For >100, Deduct	*-39.24*	
08 14 16 00-0235	EA	2'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	492.61	68.41
		For >50 To 100, Deduct	*-28.05*	
		For >100, Deduct	*-40.37*	
08 14 16 00-0236	EA	2'-10" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	494.93	68.41
		For >50 To 100, Deduct	*-28.17*	
		For >100, Deduct	*-40.54*	
08 14 16 00-0237	EA	3'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	503.16	71.38
		For >50 To 100, Deduct	*-28.73*	
		For >100, Deduct	*-41.31*	
08 14 16 00-0238	EA	3'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	543.37	71.38
		For >50 To 100, Deduct	*-30.74*	
		For >100, Deduct	*-44.32*	
08 14 16 00-0239	EA	3'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	653.18	74.36
		For >50 To 100, Deduct	*-36.38*	
		For >100, Deduct	*-52.71*	
08 14 16 00-0240	EA	3'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	678.40	74.36
		For >50 To 100, Deduct	*-37.64*	
		For >100, Deduct	*-54.60*	
08 14 16 00-0241	EA	4'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	728.88	74.36
		For >50 To 100, Deduct	*-40.16*	
		For >100, Deduct	*-58.38*	
08 14 16 00-0242	EA	2'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	535.31	65.43
		For >50 To 100, Deduct	*-30.04*	
		For >100, Deduct	*-43.42*	
		For 9' Door Height, Add	*84.93*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0243	EA	2'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	535.31	65.43
		For >50 To 100, Deduct	*-30.04*	
		For >100, Deduct	*-43.42*	
		For 9' Door Height, Add	*84.93*	
08 14 16 00-0244	EA	2'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	544.10	68.41
		For >50 To 100, Deduct	*-30.63*	
		For >100, Deduct	*-44.23*	
		For 9' Door Height, Add	*85.53*	
08 14 16 00-0245	EA	2'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	561.99	68.41
		For >50 To 100, Deduct	*-31.52*	
		For >100, Deduct	*-45.57*	
		For 9' Door Height, Add	*89.29*	
08 14 16 00-0246	EA	2'-10" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	564.75	68.41
		For >50 To 100, Deduct	*-31.66*	
		For >100, Deduct	*-45.78*	
		For 9' Door Height, Add	*89.87*	
08 14 16 00-0247	EA	3'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	573.43	71.38
		For >50 To 100, Deduct	*-32.24*	
		For >100, Deduct	*-46.58*	
		For 9' Door Height, Add	*90.44*	
08 14 16 00-0248	EA	3'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	621.50	71.38
		For >50 To 100, Deduct	*-34.64*	
		For >100, Deduct	*-50.18*	
		For 9' Door Height, Add	*100.53*	
08 14 16 00-0249	EA	3'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	751.55	74.36
		For >50 To 100, Deduct	*-41.30*	
		For >100, Deduct	*-60.08*	
		For 9' Door Height, Add	*126.59*	
08 14 16 00-0250	EA	3'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	781.70	74.36
		For >50 To 100, Deduct	*-42.80*	
		For >100, Deduct	*-62.35*	
		For 9' Door Height, Add	*132.93*	
08 14 16 00-0251	EA	4'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	841.99	74.36
		For >50 To 100, Deduct	*-45.82*	
		For >100, Deduct	*-66.87*	
		For 9' Door Height, Add	*145.59*	

08 14 16 00-0252 Lauan Faced Wood Doors *(08 14 16 00-0127)*

08 14 16 00-0253	EA	2'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	246.72	65.43
		For >50 To 100, Deduct	*-15.61*	
		For >100, Deduct	*-21.78*	
08 14 16 00-0254	EA	2'-4" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	246.72	65.43
		For >50 To 100, Deduct	*-15.61*	
		For >100, Deduct	*-21.78*	
08 14 16 00-0255	EA	2'-6" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	260.62	68.41
		For >50 To 100, Deduct	*-16.45*	
		For >100, Deduct	*-22.97*	
08 14 16 00-0256	EA	2'-8" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	267.10	68.41
		For >50 To 100, Deduct	*-16.78*	
		For >100, Deduct	*-23.45*	
08 14 16 00-0257	EA	2'-10" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	268.39	68.41
		For >50 To 100, Deduct	*-16.84*	
		For >100, Deduct	*-23.55*	
08 14 16 00-0258	EA	3'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	275.62	71.38
		For >50 To 100, Deduct	*-17.35*	
		For >100, Deduct	*-24.24*	
08 14 16 00-0259	EA	3'-4" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	290.22	71.38
		For >50 To 100, Deduct	*-18.08*	
		For >100, Deduct	*-25.34*	
08 14 16 00-0260	EA	3'-6" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	315.00	74.36
		For >50 To 100, Deduct	*-19.47*	
		For >100, Deduct	*-27.34*	
08 14 16 00-0261	EA	3'-8" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	323.29	74.36
		For >50 To 100, Deduct	*-19.88*	
		For >100, Deduct	*-27.96*	
08 14 16 00-0262	EA	4'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	339.93	74.36
		For >50 To 100, Deduct	*-20.71*	
		For >100, Deduct	*-29.21*	
08 14 16 00-0263	EA	2'-0" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	253.45	65.43
		For >50 To 100, Deduct	*-15.94*	
		For >100, Deduct	*-22.28*	
08 14 16 00-0264	EA	2'-4" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	253.45	65.43
		For >50 To 100, Deduct	*-15.94*	
		For >100, Deduct	*-22.28*	
08 14 16 00-0265	EA	2'-6" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	267.83	68.41
		For >50 To 100, Deduct	*-16.81*	
		For >100, Deduct	*-23.51*	
08 14 16 00-0266	EA	2'-8" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	274.69	68.41
		For >50 To 100, Deduct	*-17.16*	
		For >100, Deduct	*-24.02*	
08 14 16 00-0267	EA	2'-10" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	276.05	68.41
		For >50 To 100, Deduct	*-17.22*	
		For >100, Deduct	*-24.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0268	EA	3'-0" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	283.35	71.38
		For >50 To 100, Deduct	*-17.74*	
		For >100, Deduct	*-24.82*	
08 14 16 00-0269	EA	3'-4" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	298.81	71.38
		For >50 To 100, Deduct	*-18.51*	
		For >100, Deduct	*-25.98*	
08 14 16 00-0270	EA	3'-6" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	324.66	74.36
		For >50 To 100, Deduct	*-19.95*	
		For >100, Deduct	*-28.07*	
08 14 16 00-0271	EA	3'-8" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	333.45	74.36
		For >50 To 100, Deduct	*-20.39*	
		For >100, Deduct	*-28.73*	
08 14 16 00-0272	EA	4'-0" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	351.05	74.36
		For >50 To 100, Deduct	*-21.27*	
		For >100, Deduct	*-30.05*	
08 14 16 00-0273	EA	2'-0" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	277.34	65.43
		For >50 To 100, Deduct	*-17.14*	
		For >100, Deduct	*-24.07*	
		For 9' Door Height, Add	*30.76*	
08 14 16 00-0274	EA	2'-4" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	277.34	65.43
		For >50 To 100, Deduct	*-17.14*	
		For >100, Deduct	*-24.07*	
		For 9' Door Height, Add	*30.76*	
08 14 16 00-0275	EA	2'-6" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	293.37	68.41
		For >50 To 100, Deduct	*-18.09*	
		For >100, Deduct	*-25.42*	
		For 9' Door Height, Add	*32.88*	
08 14 16 00-0276	EA	2'-8" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	301.56	68.41
		For >50 To 100, Deduct	*-18.50*	
		For >100, Deduct	*-26.04*	
		For 9' Door Height, Add	*34.60*	
08 14 16 00-0277	EA	2'-10" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	303.20	68.41
		For >50 To 100, Deduct	*-18.58*	
		For >100, Deduct	*-26.16*	
		For 9' Door Height, Add	*34.94*	
08 14 16 00-0278	EA	3'-0" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	310.76	71.38
		For >50 To 100, Deduct	*-19.11*	
		For >100, Deduct	*-26.88*	
		For 9' Door Height, Add	*35.28*	
08 14 16 00-0279	EA	3'-4" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	329.24	71.38
		For >50 To 100, Deduct	*-20.03*	
		For >100, Deduct	*-28.26*	
		For 9' Door Height, Add	*39.16*	
08 14 16 00-0280	EA	3'-6" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	358.96	74.36
		For >50 To 100, Deduct	*-21.67*	
		For >100, Deduct	*-30.64*	
		For 9' Door Height, Add	*44.15*	
08 14 16 00-0281	EA	3'-8" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	369.48	74.36
		For >50 To 100, Deduct	*-22.19*	
		For >100, Deduct	*-31.43*	
		For 9' Door Height, Add	*46.36*	
08 14 16 00-0282	EA	4'-0" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door	390.50	74.36
		For >50 To 100, Deduct	*-23.24*	
		For >100, Deduct	*-33.01*	
		For 9' Door Height, Add	*50.77*	

08 14 16 00-0283 Medium Density Overlay (MDO) Faced Wood Doors *(08 14 16 00-0127)*

08 14 16 00-0284	EA	2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	264.74	65.43
		For >50 To 100, Deduct	*-16.51*	
		For >100, Deduct	*-23.13*	
08 14 16 00-0285	EA	2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	264.76	65.43
		For >50 To 100, Deduct	*-16.51*	
		For >100, Deduct	*-23.13*	
08 14 16 00-0286	EA	2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	274.41	68.41
		For >50 To 100, Deduct	*-17.14*	
		For >100, Deduct	*-24.00*	
08 14 16 00-0287	EA	2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	281.87	68.41
		For >50 To 100, Deduct	*-17.51*	
		For >100, Deduct	*-24.56*	
08 14 16 00-0288	EA	2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	285.60	68.41
		For >50 To 100, Deduct	*-17.70*	
		For >100, Deduct	*-24.84*	
08 14 16 00-0289	EA	3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	295.22	71.38
		For >50 To 100, Deduct	*-18.33*	
		For >100, Deduct	*-25.71*	
08 14 16 00-0290	EA	3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	303.73	71.38
		For >50 To 100, Deduct	*-18.76*	
		For >100, Deduct	*-26.35*	
08 14 16 00-0291	EA	3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	337.33	74.36
		For >50 To 100, Deduct	*-20.58*	
		For >100, Deduct	*-29.02*	
08 14 16 00-0292	EA	3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	346.76	74.36
		For >50 To 100, Deduct	*-21.06*	
		For >100, Deduct	*-29.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0293	EA	4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	365.64	74.36
		For >50 To 100, Deduct	*-22.00*	
		For >100, Deduct	*-31.14*	
08 14 16 00-0294	EA	2'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	272.54	65.43
		For >50 To 100, Deduct	*-16.90*	
		For >100, Deduct	*-23.71*	
08 14 16 00-0295	EA	2'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	272.54	65.43
		For >50 To 100, Deduct	*-16.90*	
		For >100, Deduct	*-23.71*	
08 14 16 00-0296	EA	2'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	282.41	68.41
		For >50 To 100, Deduct	*-17.54*	
		For >100, Deduct	*-24.60*	
08 14 16 00-0297	EA	2'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	290.30	68.41
		For >50 To 100, Deduct	*-17.94*	
		For >100, Deduct	*-25.19*	
08 14 16 00-0298	EA	2'-10" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	294.25	68.41
		For >50 To 100, Deduct	*-18.13*	
		For >100, Deduct	*-25.49*	
08 14 16 00-0299	EA	3'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	304.11	71.38
		For >50 To 100, Deduct	*-18.77*	
		For >100, Deduct	*-26.38*	
08 14 16 00-0300	EA	3'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	313.10	71.38
		For >50 To 100, Deduct	*-19.22*	
		For >100, Deduct	*-27.05*	
08 14 16 00-0301	EA	3'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	348.32	74.36
		For >50 To 100, Deduct	*-21.13*	
		For >100, Deduct	*-29.84*	
08 14 16 00-0302	EA	3'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	358.30	74.36
		For >50 To 100, Deduct	*-21.63*	
		For >100, Deduct	*-30.59*	
08 14 16 00-0303	EA	4'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	378.25	74.36
		For >50 To 100, Deduct	*-22.63*	
		For >100, Deduct	*-32.09*	
08 14 16 00-0304	EA	2'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	300.17	65.43
		For >50 To 100, Deduct	*-18.28*	
		For >100, Deduct	*-25.78*	
		For 9' Door Height, Add	*35.55*	
08 14 16 00-0305	EA	2'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	300.17	65.43
		For >50 To 100, Deduct	*-18.28*	
		For >100, Deduct	*-25.78*	
		For 9' Door Height, Add	*35.55*	
08 14 16 00-0306	EA	2'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	310.79	68.41
		For >50 To 100, Deduct	*-18.96*	
		For >100, Deduct	*-26.73*	
		For 9' Door Height, Add	*36.53*	
08 14 16 00-0307	EA	2'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	320.22	68.41
		For >50 To 100, Deduct	*-19.43*	
		For >100, Deduct	*-27.44*	
		For 9' Door Height, Add	*38.51*	
08 14 16 00-0308	EA	2'-10" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	324.94	68.41
		For >50 To 100, Deduct	*-19.67*	
		For >100, Deduct	*-27.79*	
		For 9' Door Height, Add	*39.51*	
08 14 16 00-0309	EA	3'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	335.57	71.38
		For >50 To 100, Deduct	*-20.35*	
		For >100, Deduct	*-28.74*	
		For 9' Door Height, Add	*40.49*	
08 14 16 00-0310	EA	3'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	346.33	71.38
		For >50 To 100, Deduct	*-20.89*	
		For >100, Deduct	*-29.54*	
		For 9' Door Height, Add	*42.75*	
08 14 16 00-0311	EA	3'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	387.25	74.36
		For >50 To 100, Deduct	*-23.08*	
		For >100, Deduct	*-32.76*	
		For 9' Door Height, Add	*50.09*	
08 14 16 00-0312	EA	3'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	399.16	74.36
		For >50 To 100, Deduct	*-23.68*	
		For >100, Deduct	*-33.66*	
		For 9' Door Height, Add	*52.59*	
08 14 16 00-0313	EA	4'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	423.03	74.36
		For >50 To 100, Deduct	*-24.87*	
		For >100, Deduct	*-35.45*	
		For 9' Door Height, Add	*57.61*	

08 14 16 00-0314 1-3/8" Thick, Particleboard Core (PC), Wood Doors *(08 14 16)*

Note: PC = Particleboard, medium-density fiberboard (MDF), or agrifiber core, solid core door with stiles and rails bonded to the core and abrasive planed flat prior to the application of the faces.

08 14 16 00-0315 Birch Faced Wood Doors *(08 14 16 00-0314)*

08 14 16 00-0316	EA	2'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	286.45	65.43
		For 7 Ply Cold Press Construction, Deduct	*-3.11*	
		For Stave Lumber Core (SLC), Add	*116.68*	
		For Structural Composite Lumber Core (SCLC), Add	*70.01*	
		For >50 To 100, Deduct	*-17.59*	
		For >100, Deduct	*-24.76*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0317	EA	2'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	286.48	65.43
		For 7 Ply Cold Press Construction, Deduct	*-3.11*	
		For Stave Lumber Core (SLC), Add	*116.70*	
		For Structural Composite Lumber Core (SCLC), Add	*70.02*	
		For >50 To 100, Deduct	*-17.60*	
		For >100, Deduct	*-24.76*	
08 14 16 00-0318	EA	2'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	300.57	68.41
		For 7 Ply Cold Press Construction, Deduct	*-3.28*	
		For Stave Lumber Core (SLC), Add	*122.81*	
		For Structural Composite Lumber Core (SCLC), Add	*73.69*	
		For >50 To 100, Deduct	*-18.45*	
		For >100, Deduct	*-25.96*	
08 14 16 00-0319	EA	2'-8" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	308.73	68.41
		For 7 Ply Cold Press Construction, Deduct	*-3.44*	
		For Stave Lumber Core (SLC), Add	*128.93*	
		For Structural Composite Lumber Core (SCLC), Add	*77.36*	
		For >50 To 100, Deduct	*-18.86*	
		For >100, Deduct	*-26.58*	
08 14 16 00-0320	EA	2'-10" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	313.71	68.41
		For 7 Ply Cold Press Construction, Deduct	*-3.54*	
		For Stave Lumber Core (SLC), Add	*132.67*	
		For Structural Composite Lumber Core (SCLC), Add	*79.60*	
		For >50 To 100, Deduct	*-19.11*	
		For >100, Deduct	*-26.95*	
08 14 16 00-0321	EA	3'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	324.66	71.38
		For 7 Ply Cold Press Construction, Deduct	*-3.64*	
		For Stave Lumber Core (SLC), Add	*136.42*	
		For Structural Composite Lumber Core (SCLC), Add	*81.85*	
		For >50 To 100, Deduct	*-19.80*	
		For >100, Deduct	*-27.92*	
08 14 16 00-0322	EA	3'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	344.61	71.38
		For 7 Ply Cold Press Construction, Deduct	*-4.04*	
		For Stave Lumber Core (SLC), Add	*151.38*	
		For Structural Composite Lumber Core (SCLC), Add	*90.83*	
		For >50 To 100, Deduct	*-20.80*	
		For >100, Deduct	*-29.42*	
08 14 16 00-0323	EA	3'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	363.47	74.36
		For 7 Ply Cold Press Construction, Deduct	*-4.30*	
		For Stave Lumber Core (SLC), Add	*161.06*	
		For Structural Composite Lumber Core (SCLC), Add	*96.64*	
		For >50 To 100, Deduct	*-21.89*	
		For >100, Deduct	*-30.98*	
08 14 16 00-0324	EA	2'-0" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	295.51	65.43
		For 7 Ply Cold Press Construction, Deduct	*-3.29*	
		For Stave Lumber Core (SLC), Add	*123.47*	
		For Structural Composite Lumber Core (SCLC), Add	*74.08*	
		For >50 To 100, Deduct	*-18.05*	
		For >100, Deduct	*-25.44*	
08 14 16 00-0325	EA	2'-4" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	295.52	65.43
		For 7 Ply Cold Press Construction, Deduct	*-3.29*	
		For Stave Lumber Core (SLC), Add	*123.48*	
		For Structural Composite Lumber Core (SCLC), Add	*74.09*	
		For >50 To 100, Deduct	*-18.05*	
		For >100, Deduct	*-25.44*	
08 14 16 00-0326	EA	2'-6" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	310.10	68.41
		For 7 Ply Cold Press Construction, Deduct	*-3.47*	
		For Stave Lumber Core (SLC), Add	*129.96*	
		For Structural Composite Lumber Core (SCLC), Add	*77.98*	
		For >50 To 100, Deduct	*-18.93*	
		For >100, Deduct	*-26.68*	
08 14 16 00-0327	EA	2'-8" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	318.75	68.41
		For 7 Ply Cold Press Construction, Deduct	*-3.64*	
		For Stave Lumber Core (SLC), Add	*136.45*	
		For Structural Composite Lumber Core (SCLC), Add	*81.87*	
		For >50 To 100, Deduct	*-19.36*	
		For >100, Deduct	*-27.33*	
08 14 16 00-0328	EA	2'-10" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	324.01	68.41
		For 7 Ply Cold Press Construction, Deduct	*-3.74*	
		For Stave Lumber Core (SLC), Add	*140.39*	
		For Structural Composite Lumber Core (SCLC), Add	*84.24*	
		For >50 To 100, Deduct	*-19.62*	
		For >100, Deduct	*-27.72*	
08 14 16 00-0329	EA	3'-0" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	335.24	71.38
		For 7 Ply Cold Press Construction, Deduct	*-3.85*	
		For Stave Lumber Core (SLC), Add	*144.35*	
		For Structural Composite Lumber Core (SCLC), Add	*86.61*	
		For >50 To 100, Deduct	*-20.33*	
		For >100, Deduct	*-28.71*	
08 14 16 00-0330	EA	3'-4" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	356.37	71.38
		For 7 Ply Cold Press Construction, Deduct	*-4.27*	
		For Stave Lumber Core (SLC), Add	*160.20*	
		For Structural Composite Lumber Core (SCLC), Add	*96.12*	
		For >50 To 100, Deduct	*-21.39*	
		For >100, Deduct	*-30.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0331	EA	3'-6" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	375.97	74.36
		For 7 Ply Cold Press Construction, Deduct	*-4.55*	
		For Stave Lumber Core (SLC), Add	*170.44*	
		For Structural Composite Lumber Core (SCLC), Add	*102.26*	
		For >50 To 100, Deduct	*-22.52*	
		For >100, Deduct	*-31.92*	
08 14 16 00-0332	EA	2'-0" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	327.62	65.43
		For 7 Ply Cold Press Construction, Deduct	*-3.93*	
		For Stave Lumber Core (SLC), Add	*147.56*	
		For Structural Composite Lumber Core (SCLC), Add	*88.53*	
		For >50 To 100, Deduct	*-19.65*	
		For >100, Deduct	*-27.84*	
		For 9' Door Height, Add	*41.32*	
08 14 16 00-0333	EA	2'-4" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	327.62	65.43
		For 7 Ply Cold Press Construction, Deduct	*-3.93*	
		For Stave Lumber Core (SLC), Add	*147.56*	
		For Structural Composite Lumber Core (SCLC), Add	*88.53*	
		For >50 To 100, Deduct	*-19.65*	
		For >100, Deduct	*-27.84*	
		For 9' Door Height, Add	*41.32*	
08 14 16 00-0334	EA	2'-6" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	343.89	68.41
		For 7 Ply Cold Press Construction, Deduct	*-4.14*	
		For Stave Lumber Core (SLC), Add	*155.30*	
		For Structural Composite Lumber Core (SCLC), Add	*93.18*	
		For >50 To 100, Deduct	*-20.62*	
		For >100, Deduct	*-29.21*	
		For 9' Door Height, Add	*43.48*	
08 14 16 00-0335	EA	2'-8" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	354.22	68.41
		For 7 Ply Cold Press Construction, Deduct	*-4.35*	
		For Stave Lumber Core (SLC), Add	*163.05*	
		For Structural Composite Lumber Core (SCLC), Add	*97.83*	
		For >50 To 100, Deduct	*-21.13*	
		For >100, Deduct	*-29.99*	
		For 9' Door Height, Add	*45.65*	
08 14 16 00-0336	EA	2'-10" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	360.51	68.41
		For 7 Ply Cold Press Construction, Deduct	*-4.47*	
		For Stave Lumber Core (SLC), Add	*167.77*	
		For Structural Composite Lumber Core (SCLC), Add	*100.66*	
		For >50 To 100, Deduct	*-21.45*	
		For >100, Deduct	*-30.46*	
		For 9' Door Height, Add	*46.97*	
08 14 16 00-0337	EA	3'-0" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	372.78	71.38
		For 7 Ply Cold Press Construction, Deduct	*-4.60*	
		For Stave Lumber Core (SLC), Add	*172.51*	
		For Structural Composite Lumber Core (SCLC), Add	*103.50*	
		For >50 To 100, Deduct	*-22.21*	
		For >100, Deduct	*-31.53*	
		For 9' Door Height, Add	*48.30*	
08 14 16 00-0338	EA	3'-4" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	398.01	71.38
		For 7 Ply Cold Press Construction, Deduct	*-5.10*	
		For Stave Lumber Core (SLC), Add	*191.43*	
		For Structural Composite Lumber Core (SCLC), Add	*114.86*	
		For >50 To 100, Deduct	*-23.47*	
		For >100, Deduct	*-33.42*	
		For 9' Door Height, Add	*53.60*	
08 14 16 00-0339	EA	3'-6" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	420.28	74.36
		For 7 Ply Cold Press Construction, Deduct	*-5.43*	
		For Stave Lumber Core (SLC), Add	*203.67*	
		For Structural Composite Lumber Core (SCLC), Add	*122.20*	
		For >50 To 100, Deduct	*-24.73*	
		For >100, Deduct	*-35.24*	
		For 9' Door Height, Add	*57.03*	

08 14 16 00-0340 Oak Faced Wood Doors *(08 14 16 00-0314)*

08 14 16 00-0341	EA	2'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	403.13	65.43
		For 7 Ply Cold Press Construction, Deduct	*-5.45*	
		For Stave Lumber Core (SLC), Add	*204.19*	
		For Structural Composite Lumber Core (SCLC), Add	*122.51*	
		For >50 To 100, Deduct	*-23.43*	
		For >100, Deduct	*-33.51*	
08 14 16 00-0342	EA	2'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	403.13	65.43
		For 7 Ply Cold Press Construction, Deduct	*-5.45*	
		For Stave Lumber Core (SLC), Add	*204.19*	
		For Structural Composite Lumber Core (SCLC), Add	*122.51*	
		For >50 To 100, Deduct	*-23.43*	
		For >100, Deduct	*-33.51*	
08 14 16 00-0343	EA	2'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	423.40	68.41
		For 7 Ply Cold Press Construction, Deduct	*-5.73*	
		For Stave Lumber Core (SLC), Add	*214.94*	
		For Structural Composite Lumber Core (SCLC), Add	*128.96*	
		For >50 To 100, Deduct	*-24.59*	
		For >100, Deduct	*-35.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0344	EA	2'-8" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	437.69	68.41
		For 7 Ply Cold Press Construction, Deduct	*-6.02*	
		For Stave Lumber Core (SLC), Add	*225.65*	
		For Structural Composite Lumber Core (SCLC), Add	*135.39*	
		For >50 To 100, Deduct	*-25.31*	
		For >100, Deduct	*-36.25*	
08 14 16 00-0345	EA	2'-10" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	446.39	68.41
		For 7 Ply Cold Press Construction, Deduct	*-6.19*	
		For Stave Lumber Core (SLC), Add	*232.18*	
		For Structural Composite Lumber Core (SCLC), Add	*139.31*	
		For >50 To 100, Deduct	*-25.74*	
		For >100, Deduct	*-36.90*	
08 14 16 00-0346	EA	3'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	461.08	71.38
		For 7 Ply Cold Press Construction, Deduct	*-6.37*	
		For Stave Lumber Core (SLC), Add	*238.73*	
		For Structural Composite Lumber Core (SCLC), Add	*143.24*	
		For >50 To 100, Deduct	*-26.62*	
		For >100, Deduct	*-38.15*	
08 14 16 00-0347	EA	3'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	496.01	71.38
		For 7 Ply Cold Press Construction, Deduct	*-7.06*	
		For Stave Lumber Core (SLC), Add	*264.93*	
		For Structural Composite Lumber Core (SCLC), Add	*158.96*	
		For >50 To 100, Deduct	*-28.37*	
		For >100, Deduct	*-40.77*	
08 14 16 00-0348	EA	3'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	524.53	74.36
		For 7 Ply Cold Press Construction, Deduct	*-7.52*	
		For Stave Lumber Core (SLC), Add	*281.86*	
		For Structural Composite Lumber Core (SCLC), Add	*169.11*	
		For >50 To 100, Deduct	*-29.94*	
		For >100, Deduct	*-43.06*	
08 14 16 00-0349	EA	2'-0" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	418.96	65.43
		For 7 Ply Cold Press Construction, Deduct	*-5.76*	
		For Stave Lumber Core (SLC), Add	*216.06*	
		For Structural Composite Lumber Core (SCLC), Add	*129.64*	
		For >50 To 100, Deduct	*-24.22*	
		For >100, Deduct	*-34.69*	
08 14 16 00-0350	EA	2'-4" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	418.96	65.43
		For 7 Ply Cold Press Construction, Deduct	*-5.76*	
		For Stave Lumber Core (SLC), Add	*216.06*	
		For Structural Composite Lumber Core (SCLC), Add	*129.64*	
		For >50 To 100, Deduct	*-24.22*	
		For >100, Deduct	*-34.69*	
08 14 16 00-0351	EA	2'-6" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	440.09	68.41
		For 7 Ply Cold Press Construction, Deduct	*-6.07*	
		For Stave Lumber Core (SLC), Add	*227.45*	
		For Structural Composite Lumber Core (SCLC), Add	*136.47*	
		For >50 To 100, Deduct	*-25.43*	
		For >100, Deduct	*-36.43*	
08 14 16 00-0352	EA	2'-8" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	455.21	68.41
		For 7 Ply Cold Press Construction, Deduct	*-6.37*	
		For Stave Lumber Core (SLC), Add	*238.79*	
		For Structural Composite Lumber Core (SCLC), Add	*143.28*	
		For >50 To 100, Deduct	*-26.18*	
		For >100, Deduct	*-37.56*	
08 14 16 00-0353	EA	2'-10" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	464.41	68.41
		For 7 Ply Cold Press Construction, Deduct	*-6.55*	
		For Stave Lumber Core (SLC), Add	*245.69*	
		For Structural Composite Lumber Core (SCLC), Add	*147.42*	
		For >50 To 100, Deduct	*-26.64*	
		For >100, Deduct	*-38.25*	
08 14 16 00-0354	EA	3'-0" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	479.60	71.38
		For 7 Ply Cold Press Construction, Deduct	*-6.74*	
		For Stave Lumber Core (SLC), Add	*252.62*	
		For Structural Composite Lumber Core (SCLC), Add	*151.57*	
		For >50 To 100, Deduct	*-27.55*	
		For >100, Deduct	*-39.54*	
08 14 16 00-0355	EA	3'-4" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	516.57	71.38
		For 7 Ply Cold Press Construction, Deduct	*-7.48*	
		For Stave Lumber Core (SLC), Add	*280.35*	
		For Structural Composite Lumber Core (SCLC), Add	*168.21*	
		For >50 To 100, Deduct	*-29.40*	
		For >100, Deduct	*-42.31*	
08 14 16 00-0356	EA	3'-6" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	546.42	74.36
		For 7 Ply Cold Press Construction, Deduct	*-7.95*	
		For Stave Lumber Core (SLC), Add	*298.28*	
		For Structural Composite Lumber Core (SCLC), Add	*178.97*	
		For >50 To 100, Deduct	*-31.04*	
		For >100, Deduct	*-44.70*	
08 14 16 00-0357	EA	2'-0" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	475.13	65.43
		For 7 Ply Cold Press Construction, Deduct	*-6.89*	
		For Stave Lumber Core (SLC), Add	*258.19*	
		For Structural Composite Lumber Core (SCLC), Add	*154.91*	
		For >50 To 100, Deduct	*-27.03*	
		For >100, Deduct	*-38.91*	
		For 9' Door Height, Add	*72.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0358	EA	2'-4" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	475.13	65.43
		For 7 Ply Cold Press Construction, Deduct	*-6.89*	
		For Stave Lumber Core (SLC), Add	*258.19*	
		For Structural Composite Lumber Core (SCLC), Add	*154.91*	
		For >50 To 100, Deduct	*-27.03*	
		For >100, Deduct	*-38.91*	
		For 9' Door Height, Add	*72.29*	
08 14 16 00-0359	EA	2'-6" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	499.23	68.41
		For 7 Ply Cold Press Construction, Deduct	*-7.25*	
		For Stave Lumber Core (SLC), Add	*271.81*	
		For Structural Composite Lumber Core (SCLC), Add	*163.08*	
		For >50 To 100, Deduct	*-28.38*	
		For >100, Deduct	*-40.86*	
		For 9' Door Height, Add	*76.11*	
08 14 16 00-0360	EA	2'-8" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	517.29	68.41
		For 7 Ply Cold Press Construction, Deduct	*-7.61*	
		For Stave Lumber Core (SLC), Add	*285.35*	
		For Structural Composite Lumber Core (SCLC), Add	*171.21*	
		For >50 To 100, Deduct	*-29.29*	
		For >100, Deduct	*-42.22*	
		For 9' Door Height, Add	*79.90*	
08 14 16 00-0361	EA	2'-10" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	528.28	68.41
		For 7 Ply Cold Press Construction, Deduct	*-7.83*	
		For Stave Lumber Core (SLC), Add	*293.60*	
		For Structural Composite Lumber Core (SCLC), Add	*176.16*	
		For >50 To 100, Deduct	*-29.83*	
		For >100, Deduct	*-43.04*	
		For 9' Door Height, Add	*82.21*	
08 14 16 00-0362	EA	3'-0" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	545.30	71.38
		For 7 Ply Cold Press Construction, Deduct	*-8.05*	
		For Stave Lumber Core (SLC), Add	*301.90*	
		For Structural Composite Lumber Core (SCLC), Add	*181.14*	
		For >50 To 100, Deduct	*-30.83*	
		For >100, Deduct	*-44.47*	
		For 9' Door Height, Add	*84.53*	
08 14 16 00-0363	EA	3'-4" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	589.47	71.38
		For 7 Ply Cold Press Construction, Deduct	*-8.93*	
		For Stave Lumber Core (SLC), Add	*335.03*	
		For Structural Composite Lumber Core (SCLC), Add	*201.02*	
		For >50 To 100, Deduct	*-33.04*	
		For >100, Deduct	*-47.78*	
		For 9' Door Height, Add	*93.81*	
08 14 16 00-0364	EA	3'-6" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	623.97	74.36
		For 7 Ply Cold Press Construction, Deduct	*-9.51*	
		For Stave Lumber Core (SLC), Add	*356.44*	
		For Structural Composite Lumber Core (SCLC), Add	*213.86*	
		For >50 To 100, Deduct	*-34.92*	
		For >100, Deduct	*-50.52*	
		For 9' Door Height, Add	*99.80*	

08 14 16 00-0365 Maple Faced Wood Doors *(08 14 16 00-0314)*

08 14 16 00-0366	EA	2'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	361.24	65.43
		For 7 Ply Cold Press Construction, Deduct	*-4.61*	
		For Stave Lumber Core (SLC), Add	*172.77*	
		For Structural Composite Lumber Core (SCLC), Add	*103.66*	
		For >50 To 100, Deduct	*-21.33*	
		For >100, Deduct	*-30.37*	
08 14 16 00-0367	EA	2'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	361.24	65.43
		For 7 Ply Cold Press Construction, Deduct	*-4.61*	
		For Stave Lumber Core (SLC), Add	*172.77*	
		For Structural Composite Lumber Core (SCLC), Add	*103.66*	
		For >50 To 100, Deduct	*-21.33*	
		For >100, Deduct	*-30.37*	
08 14 16 00-0368	EA	2'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	379.31	68.41
		For 7 Ply Cold Press Construction, Deduct	*-4.85*	
		For Stave Lumber Core (SLC), Add	*181.87*	
		For Structural Composite Lumber Core (SCLC), Add	*109.12*	
		For >50 To 100, Deduct	*-22.39*	
		For >100, Deduct	*-31.87*	
08 14 16 00-0369	EA	2'-8" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	391.41	68.41
		For 7 Ply Cold Press Construction, Deduct	*-5.09*	
		For Stave Lumber Core (SLC), Add	*190.94*	
		For Structural Composite Lumber Core (SCLC), Add	*114.57*	
		For >50 To 100, Deduct	*-22.99*	
		For >100, Deduct	*-32.78*	
08 14 16 00-0370	EA	2'-10" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	398.76	68.41
		For 7 Ply Cold Press Construction, Deduct	*-5.24*	
		For Stave Lumber Core (SLC), Add	*196.46*	
		For Structural Composite Lumber Core (SCLC), Add	*117.87*	
		For >50 To 100, Deduct	*-23.36*	
		For >100, Deduct	*-33.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0371	EA	3'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	412.11	71.38
		For 7 Ply Cold Press Construction, Deduct	*-5.39*	
		For Stave Lumber Core (SLC), Add	*202.01*	
		For Structural Composite Lumber Core (SCLC), Add	*121.20*	
		For >50 To 100, Deduct	*-24.17*	
		For >100, Deduct	*-34.48*	
08 14 16 00-0372	EA	3'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	441.66	71.38
		For 7 Ply Cold Press Construction, Deduct	*-5.98*	
		For Stave Lumber Core (SLC), Add	*224.17*	
		For Structural Composite Lumber Core (SCLC), Add	*134.50*	
		For >50 To 100, Deduct	*-25.65*	
		For >100, Deduct	*-36.69*	
08 14 16 00-0373	EA	3'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	466.71	74.36
		For 7 Ply Cold Press Construction, Deduct	*-6.36*	
		For Stave Lumber Core (SLC), Add	*238.49*	
		For Structural Composite Lumber Core (SCLC), Add	*143.10*	
		For >50 To 100, Deduct	*-27.05*	
		For >100, Deduct	*-38.72*	
08 14 16 00-0374	EA	2'-0" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	374.63	65.43
		For 7 Ply Cold Press Construction, Deduct	*-4.88*	
		For Stave Lumber Core (SLC), Add	*182.81*	
		For Structural Composite Lumber Core (SCLC), Add	*109.69*	
		For >50 To 100, Deduct	*-22.00*	
		For >100, Deduct	*-31.37*	
08 14 16 00-0375	EA	2'-4" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	374.63	65.43
		For 7 Ply Cold Press Construction, Deduct	*-4.88*	
		For Stave Lumber Core (SLC), Add	*182.81*	
		For Structural Composite Lumber Core (SCLC), Add	*109.69*	
		For >50 To 100, Deduct	*-22.00*	
		For >100, Deduct	*-31.37*	
08 14 16 00-0376	EA	2'-6" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	393.43	68.41
		For 7 Ply Cold Press Construction, Deduct	*-5.13*	
		For Stave Lumber Core (SLC), Add	*192.46*	
		For Structural Composite Lumber Core (SCLC), Add	*115.47*	
		For >50 To 100, Deduct	*-23.09*	
		For >100, Deduct	*-32.93*	
08 14 16 00-0377	EA	2'-8" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	406.23	68.41
		For 7 Ply Cold Press Construction, Deduct	*-5.39*	
		For Stave Lumber Core (SLC), Add	*202.06*	
		For Structural Composite Lumber Core (SCLC), Add	*121.23*	
		For >50 To 100, Deduct	*-23.73*	
		For >100, Deduct	*-33.89*	
08 14 16 00-0378	EA	2'-10" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	414.01	68.41
		For 7 Ply Cold Press Construction, Deduct	*-5.54*	
		For Stave Lumber Core (SLC), Add	*207.89*	
		For Structural Composite Lumber Core (SCLC), Add	*124.74*	
		For >50 To 100, Deduct	*-24.12*	
		For >100, Deduct	*-34.47*	
08 14 16 00-0379	EA	3'-0" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	427.79	71.38
		For 7 Ply Cold Press Construction, Deduct	*-5.70*	
		For Stave Lumber Core (SLC), Add	*213.77*	
		For Structural Composite Lumber Core (SCLC), Add	*128.26*	
		For >50 To 100, Deduct	*-24.96*	
		For >100, Deduct	*-35.65*	
08 14 16 00-0380	EA	3'-4" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	459.06	71.38
		For 7 Ply Cold Press Construction, Deduct	*-6.33*	
		For Stave Lumber Core (SLC), Add	*237.22*	
		For Structural Composite Lumber Core (SCLC), Add	*142.33*	
		For >50 To 100, Deduct	*-26.52*	
		For >100, Deduct	*-38.00*	
08 14 16 00-0381	EA	3'-6" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	485.22	74.36
		For 7 Ply Cold Press Construction, Deduct	*-6.73*	
		For Stave Lumber Core (SLC), Add	*252.38*	
		For Structural Composite Lumber Core (SCLC), Add	*151.43*	
		For >50 To 100, Deduct	*-27.98*	
		For >100, Deduct	*-40.11*	
08 14 16 00-0382	EA	2'-0" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	422.17	65.43
		For 7 Ply Cold Press Construction, Deduct	*-5.83*	
		For Stave Lumber Core (SLC), Add	*218.47*	
		For Structural Composite Lumber Core (SCLC), Add	*131.08*	
		For >50 To 100, Deduct	*-24.38*	
		For >100, Deduct	*-34.93*	
		For 9' Door Height, Add	*61.17*	
08 14 16 00-0383	EA	2'-4" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	422.17	65.43
		For 7 Ply Cold Press Construction, Deduct	*-5.83*	
		For Stave Lumber Core (SLC), Add	*218.47*	
		For Structural Composite Lumber Core (SCLC), Add	*131.08*	
		For >50 To 100, Deduct	*-24.38*	
		For >100, Deduct	*-34.93*	
		For 9' Door Height, Add	*61.17*	
08 14 16 00-0384	EA	2'-6" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	443.46	68.41
		For 7 Ply Cold Press Construction, Deduct	*-6.13*	
		For Stave Lumber Core (SLC), Add	*229.98*	
		For Structural Composite Lumber Core (SCLC), Add	*137.99*	
		For >50 To 100, Deduct	*-25.59*	
		For >100, Deduct	*-36.68*	
		For 9' Door Height, Add	*64.39*	

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MINOR CSI UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0385	EA 2'-8" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	458.75	68.41
	For 7 Ply Cold Press Construction, Deduct	*-6.44*	
	For Stave Lumber Core (SLC), Add	*241.45*	
	For Structural Composite Lumber Core (SCLC), Add	*144.87*	
	For >50 To 100, Deduct	*-26.36*	
	For >100, Deduct	*-37.83*	
	For 9' Door Height, Add	*67.61*	
08 14 16 00-0386	EA 2'-10" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	468.07	68.41
	For 7 Ply Cold Press Construction, Deduct	*-6.63*	
	For Stave Lumber Core (SLC), Add	*248.44*	
	For Structural Composite Lumber Core (SCLC), Add	*149.06*	
	For >50 To 100, Deduct	*-26.82*	
	For >100, Deduct	*-38.53*	
	For 9' Door Height, Add	*69.56*	
08 14 16 00-0387	EA 3'-0" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	483.36	71.38
	For 7 Ply Cold Press Construction, Deduct	*-6.81*	
	For Stave Lumber Core (SLC), Add	*255.44*	
	For Structural Composite Lumber Core (SCLC), Add	*153.27*	
	For >50 To 100, Deduct	*-27.74*	
	For >100, Deduct	*-39.82*	
	For 9' Door Height, Add	*71.52*	
08 14 16 00-0388	EA 3'-4" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	520.75	71.38
	For 7 Ply Cold Press Construction, Deduct	*-7.56*	
	For Stave Lumber Core (SLC), Add	*283.49*	
	For Structural Composite Lumber Core (SCLC), Add	*170.09*	
	For >50 To 100, Deduct	*-29.61*	
	For >100, Deduct	*-42.63*	
	For 9' Door Height, Add	*79.38*	
08 14 16 00-0389	EA 3'-6" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	550.84	74.36
	For 7 Ply Cold Press Construction, Deduct	*-8.04*	
	For Stave Lumber Core (SLC), Add	*301.59*	
	For Structural Composite Lumber Core (SCLC), Add	*180.95*	
	For >50 To 100, Deduct	*-31.26*	
	For >100, Deduct	*-45.03*	
	For 9' Door Height, Add	*84.45*	
08 14 16 00-0390	**Lauan Faced Wood Doors** *(08 14 16 00-0314)*		
08 14 16 00-0391	EA 2'-0" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	352.27	65.43
	For >50 To 100, Deduct	*-20.89*	
	For >100, Deduct	*-29.69*	
08 14 16 00-0392	EA 2'-4" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	352.27	65.43
	For >50 To 100, Deduct	*-20.89*	
	For >100, Deduct	*-29.69*	
08 14 16 00-0393	EA 2'-6" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	370.33	68.41
	For >50 To 100, Deduct	*-21.94*	
	For >100, Deduct	*-31.20*	
08 14 16 00-0394	EA 2'-8" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	382.54	68.41
	For >50 To 100, Deduct	*-22.55*	
	For >100, Deduct	*-32.11*	
08 14 16 00-0395	EA 2'-10" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	388.67	68.41
	For >50 To 100, Deduct	*-22.85*	
	For >100, Deduct	*-32.57*	
08 14 16 00-0396	EA 3'-0" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	400.79	71.38
	For >50 To 100, Deduct	*-23.61*	
	For >100, Deduct	*-33.63*	
08 14 16 00-0397	EA 3'-4" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	429.13	71.38
	For >50 To 100, Deduct	*-25.03*	
	For >100, Deduct	*-35.75*	
08 14 16 00-0398	EA 3'-6" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	457.52	74.36
	For >50 To 100, Deduct	*-26.59*	
	For >100, Deduct	*-38.03*	
08 14 16 00-0399	EA 2'-0" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	365.16	65.43
	For >50 To 100, Deduct	*-21.53*	
	For >100, Deduct	*-30.66*	
08 14 16 00-0400	EA 2'-4" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	365.16	65.43
	For >50 To 100, Deduct	*-21.53*	
	For >100, Deduct	*-30.66*	
08 14 16 00-0401	EA 2'-6" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	383.94	68.41
	For >50 To 100, Deduct	*-22.62*	
	For >100, Deduct	*-32.22*	
08 14 16 00-0402	EA 2'-8" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	396.84	68.41
	For >50 To 100, Deduct	*-23.26*	
	For >100, Deduct	*-33.18*	
08 14 16 00-0403	EA 2'-10" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	403.34	68.41
	For >50 To 100, Deduct	*-23.59*	
	For >100, Deduct	*-33.67*	
08 14 16 00-0404	EA 3'-0" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	415.79	71.38
	For >50 To 100, Deduct	*-24.36*	
	For >100, Deduct	*-34.75*	
08 14 16 00-0405	EA 3'-4" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	445.82	71.38
	For >50 To 100, Deduct	*-25.86*	
	For >100, Deduct	*-37.01*	
08 14 16 00-0406	EA 3'-6" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	475.47	74.36
	For >50 To 100, Deduct	*-27.49*	
	For >100, Deduct	*-39.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0407	EA	2'-0" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	410.87	65.43
		For >50 To 100, Deduct	*-23.82*	
		For >100, Deduct	*-34.09*	
		For 9' Door Height, Add	*58.80*	
08 14 16 00-0408	EA	2'-4" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	410.87	65.43
		For >50 To 100, Deduct	*-23.82*	
		For >100, Deduct	*-34.09*	
		For 9' Door Height, Add	*58.80*	
08 14 16 00-0409	EA	2'-6" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	432.11	68.41
		For >50 To 100, Deduct	*-25.03*	
		For >100, Deduct	*-35.83*	
		For 9' Door Height, Add	*62.01*	
08 14 16 00-0410	EA	2'-8" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	447.55	68.41
		For >50 To 100, Deduct	*-25.80*	
		For >100, Deduct	*-36.99*	
		For 9' Door Height, Add	*65.25*	
08 14 16 00-0411	EA	2'-10" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	455.32	68.41
		For >50 To 100, Deduct	*-26.19*	
		For >100, Deduct	*-37.57*	
		For 9' Door Height, Add	*66.89*	
08 14 16 00-0412	EA	3'-0" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	469.04	71.38
		For >50 To 100, Deduct	*-27.02*	
		For >100, Deduct	*-38.75*	
		For 9' Door Height, Add	*68.52*	
08 14 16 00-0413	EA	3'-4" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	504.90	71.38
		For >50 To 100, Deduct	*-28.81*	
		For >100, Deduct	*-41.44*	
		For 9' Door Height, Add	*76.05*	
08 14 16 00-0414	EA	3'-6" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	539.18	74.36
		For >50 To 100, Deduct	*-30.68*	
		For >100, Deduct	*-44.16*	
		For 9' Door Height, Add	*82.00*	

08 14 16 00-0415 Medium Density Overlay (MDO) Faced Wood Doors *(08 14 16 00-0314)*

08 14 16 00-0416	EA	2'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	312.62	65.43
		For Stave Lumber Core (SLC), Add	*136.31*	
		For Structural Composite Lumber Core (SCLC), Add	*81.78*	
		For >50 To 100, Deduct	*-18.90*	
		For >100, Deduct	*-26.72*	
08 14 16 00-0417	EA	2'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	312.62	65.43
		For Stave Lumber Core (SLC), Add	*136.31*	
		For Structural Composite Lumber Core (SCLC), Add	*81.78*	
		For >50 To 100, Deduct	*-18.90*	
		For >100, Deduct	*-26.72*	
08 14 16 00-0418	EA	2'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	329.12	68.41
		For Stave Lumber Core (SLC), Add	*144.23*	
		For Structural Composite Lumber Core (SCLC), Add	*86.54*	
		For >50 To 100, Deduct	*-19.88*	
		For >100, Deduct	*-28.10*	
08 14 16 00-0419	EA	2'-8" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	339.64	68.41
		For Stave Lumber Core (SLC), Add	*152.12*	
		For Structural Composite Lumber Core (SCLC), Add	*91.27*	
		For >50 To 100, Deduct	*-20.40*	
		For >100, Deduct	*-28.89*	
08 14 16 00-0420	EA	2'-10" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	341.57	68.41
		For Stave Lumber Core (SLC), Add	*153.56*	
		For Structural Composite Lumber Core (SCLC), Add	*92.14*	
		For >50 To 100, Deduct	*-20.50*	
		For >100, Deduct	*-29.04*	
08 14 16 00-0421	EA	3'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	349.48	71.38
		For Stave Lumber Core (SLC), Add	*155.03*	
		For Structural Composite Lumber Core (SCLC), Add	*93.02*	
		For >50 To 100, Deduct	*-21.04*	
		For >100, Deduct	*-29.78*	
08 14 16 00-0422	EA	3'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	372.29	71.38
		For Stave Lumber Core (SLC), Add	*172.14*	
		For Structural Composite Lumber Core (SCLC), Add	*103.28*	
		For >50 To 100, Deduct	*-22.18*	
		For >100, Deduct	*-31.49*	
08 14 16 00-0423	EA	3'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	419.81	74.36
		For Stave Lumber Core (SLC), Add	*203.32*	
		For Structural Composite Lumber Core (SCLC), Add	*121.99*	
		For >50 To 100, Deduct	*-24.71*	
		For >100, Deduct	*-35.20*	
08 14 16 00-0424	EA	2'-0" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	323.20	65.43
		For Stave Lumber Core (SLC), Add	*144.24*	
		For Structural Composite Lumber Core (SCLC), Add	*86.54*	
		For >50 To 100, Deduct	*-19.43*	
		For >100, Deduct	*-27.51*	
08 14 16 00-0425	EA	2'-4" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	323.21	65.43
		For Stave Lumber Core (SLC), Add	*144.25*	
		For Structural Composite Lumber Core (SCLC), Add	*86.55*	
		For >50 To 100, Deduct	*-19.43*	
		For >100, Deduct	*-27.51*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0426	EA	2'-6" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	340.31	68.41
		For Stave Lumber Core (SLC), Add	*152.62*	
		For Structural Composite Lumber Core (SCLC), Add	*91.57*	
		For >50 To 100, Deduct	*-20.44*	
		For >100, Deduct	*-28.94*	
08 14 16 00-0427	EA	2'-8" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	351.44	68.41
		For Stave Lumber Core (SLC), Add	*160.97*	
		For Structural Composite Lumber Core (SCLC), Add	*96.58*	
		For >50 To 100, Deduct	*-20.99*	
		For >100, Deduct	*-29.78*	
08 14 16 00-0428	EA	2'-10" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	353.50	68.41
		For Stave Lumber Core (SLC), Add	*162.51*	
		For Structural Composite Lumber Core (SCLC), Add	*97.51*	
		For >50 To 100, Deduct	*-21.10*	
		For >100, Deduct	*-29.93*	
08 14 16 00-0429	EA	3'-0" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	361.52	71.38
		For Stave Lumber Core (SLC), Add	*164.06*	
		For Structural Composite Lumber Core (SCLC), Add	*98.44*	
		For >50 To 100, Deduct	*-21.65*	
		For >100, Deduct	*-30.68*	
08 14 16 00-0430	EA	3'-4" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	385.64	71.38
		For Stave Lumber Core (SLC), Add	*182.15*	
		For Structural Composite Lumber Core (SCLC), Add	*109.29*	
		For >50 To 100, Deduct	*-22.85*	
		For >100, Deduct	*-32.49*	
08 14 16 00-0431	EA	3'-6" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	435.61	74.36
		For Stave Lumber Core (SLC), Add	*215.17*	
		For Structural Composite Lumber Core (SCLC), Add	*129.10*	
		For >50 To 100, Deduct	*-25.50*	
		For >100, Deduct	*-36.39*	
08 14 16 00-0432	EA	2'-0" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	360.68	65.43
		For Stave Lumber Core (SLC), Add	*172.35*	
		For Structural Composite Lumber Core (SCLC), Add	*103.41*	
		For >50 To 100, Deduct	*-21.31*	
		For >100, Deduct	*-30.32*	
		For 9' Door Height, Add	*48.26*	
08 14 16 00-0433	EA	2'-4" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	360.72	65.43
		For Stave Lumber Core (SLC), Add	*172.38*	
		For Structural Composite Lumber Core (SCLC), Add	*103.43*	
		For >50 To 100, Deduct	*-21.31*	
		For >100, Deduct	*-30.33*	
		For 9' Door Height, Add	*48.27*	
08 14 16 00-0434	EA	2'-6" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	379.99	68.41
		For Stave Lumber Core (SLC), Add	*182.38*	
		For Structural Composite Lumber Core (SCLC), Add	*109.43*	
		For >50 To 100, Deduct	*-22.42*	
		For >100, Deduct	*-31.92*	
		For 9' Door Height, Add	*51.07*	
08 14 16 00-0435	EA	2'-8" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	393.28	68.41
		For Stave Lumber Core (SLC), Add	*192.35*	
		For Structural Composite Lumber Core (SCLC), Add	*115.41*	
		For >50 To 100, Deduct	*-23.08*	
		For >100, Deduct	*-32.92*	
		For 9' Door Height, Add	*53.86*	
08 14 16 00-0436	EA	2'-10" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	395.74	68.41
		For Stave Lumber Core (SLC), Add	*194.19*	
		For Structural Composite Lumber Core (SCLC), Add	*116.51*	
		For >50 To 100, Deduct	*-23.21*	
		For >100, Deduct	*-33.10*	
		For 9' Door Height, Add	*54.37*	
08 14 16 00-0437	EA	3'-0" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	404.18	71.38
		For Stave Lumber Core (SLC), Add	*196.06*	
		For Structural Composite Lumber Core (SCLC), Add	*117.63*	
		For >50 To 100, Deduct	*-23.78*	
		For >100, Deduct	*-33.88*	
		For 9' Door Height, Add	*54.90*	
08 14 16 00-0438	EA	3'-4" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	433.02	71.38
		For Stave Lumber Core (SLC), Add	*217.69*	
		For Structural Composite Lumber Core (SCLC), Add	*130.61*	
		For >50 To 100, Deduct	*-25.22*	
		For >100, Deduct	*-36.05*	
		For 9' Door Height, Add	*60.95*	
08 14 16 00-0439	EA	3'-6" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	491.56	74.36
		For Stave Lumber Core (SLC), Add	*257.13*	
		For Structural Composite Lumber Core (SCLC), Add	*154.28*	
		For >50 To 100, Deduct	*-28.30*	
		For >100, Deduct	*-40.59*	
		For 9' Door Height, Add	*72.00*	

08 14 16 00-0440 1-3/4" Thick, Particleboard Core (PC), Wood Doors *(08 14 16)*

Note: PC = Particleboard, medium-density fiberboard (MDF), or agrifiber core, solid core door with stiles and rails bonded to the core and abrasive planed flat prior to the application of the faces.

08 14 16 00-0441 Birch Faced Wood Doors *(08 14 16 00-0440)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0442	EA	2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	320.25	65.43
		For 7 Ply Cold Press Construction, Deduct	*-3.79*	
		For Stave Lumber Core (SLC), Add	*142.03*	
		For Structural Composite Lumber Core (SCLC), Add	*85.22*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*22.72*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*102.26*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*142.03*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*227.24*	
		For >50 To 100, Deduct	*-19.28*	
		For >100, Deduct	*-27.29*	
08 14 16 00-0443	EA	2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	320.25	65.43
		For 7 Ply Cold Press Construction, Deduct	*-3.79*	
		For Stave Lumber Core (SLC), Add	*142.03*	
		For Structural Composite Lumber Core (SCLC), Add	*85.22*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*22.72*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*102.26*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*142.03*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*227.24*	
		For >50 To 100, Deduct	*-19.28*	
		For >100, Deduct	*-27.29*	
08 14 16 00-0444	EA	2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	316.21	68.41
		For 7 Ply Cold Press Construction, Deduct	*-3.59*	
		For Stave Lumber Core (SLC), Add	*134.54*	
		For Structural Composite Lumber Core (SCLC), Add	*80.73*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*21.53*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*96.87*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*134.54*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*215.27*	
		For >50 To 100, Deduct	*-19.23*	
		For >100, Deduct	*-27.14*	
08 14 16 00-0445	EA	2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	323.69	68.41
		For 7 Ply Cold Press Construction, Deduct	*-3.74*	
		For Stave Lumber Core (SLC), Add	*140.15*	
		For Structural Composite Lumber Core (SCLC), Add	*84.09*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*22.42*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*100.91*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*140.15*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*224.24*	
		For >50 To 100, Deduct	*-19.61*	
		For >100, Deduct	*-27.70*	
08 14 16 00-0446	EA	2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	328.69	68.41
		For 7 Ply Cold Press Construction, Deduct	*-3.84*	
		For Stave Lumber Core (SLC), Add	*143.90*	
		For Structural Composite Lumber Core (SCLC), Add	*86.34*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*23.02*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*103.61*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*143.90*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*230.24*	
		For >50 To 100, Deduct	*-19.86*	
		For >100, Deduct	*-28.07*	
08 14 16 00-0447	EA	3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	339.61	71.38
		For 7 Ply Cold Press Construction, Deduct	*-3.94*	
		For Stave Lumber Core (SLC), Add	*147.63*	
		For Structural Composite Lumber Core (SCLC), Add	*88.58*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*23.62*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*106.29*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*147.63*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*236.21*	
		For >50 To 100, Deduct	*-20.55*	
		For >100, Deduct	*-29.04*	
08 14 16 00-0448	EA	3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	361.26	71.38
		For 7 Ply Cold Press Construction, Deduct	*-4.37*	
		For Stave Lumber Core (SLC), Add	*163.87*	
		For Structural Composite Lumber Core (SCLC), Add	*98.32*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*26.22*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*117.98*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*163.87*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*262.19*	
		For >50 To 100, Deduct	*-21.63*	
		For >100, Deduct	*-30.66*	
08 14 16 00-0449	EA	3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	413.99	74.36
		For 7 Ply Cold Press Construction, Deduct	*-5.31*	
		For Stave Lumber Core (SLC), Add	*198.95*	
		For Structural Composite Lumber Core (SCLC), Add	*119.37*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*31.83*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*143.25*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*198.95*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*318.32*	
		For >50 To 100, Deduct	*-24.42*	
		For >100, Deduct	*-34.77*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0450	EA	3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	427.25	74.36
		For 7 Ply Cold Press Construction, Deduct	*-5.57*	
		For Stave Lumber Core (SLC), Add	*208.90*	
		For Structural Composite Lumber Core (SCLC), Add	*125.34*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*33.42*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*150.41*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*208.90*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*334.24*	
		For >50 To 100, Deduct	*-25.08*	
		For >100, Deduct	*-35.76*	
08 14 16 00-0451	EA	4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	465.67	80.31
		For 7 Ply Cold Press Construction, Deduct	*-6.10*	
		For Stave Lumber Core (SLC), Add	*228.79*	
		For Structural Composite Lumber Core (SCLC), Add	*137.27*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*36.61*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*164.73*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*228.79*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*366.06*	
		For >50 To 100, Deduct	*-27.30*	
		For >100, Deduct	*-38.94*	
08 14 16 00-0452	EA	2'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	311.29	65.43
		For 7 Ply Cold Press Construction, Deduct	*-3.61*	
		For Stave Lumber Core (SLC), Add	*135.31*	
		For Structural Composite Lumber Core (SCLC), Add	*81.18*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*21.65*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*97.42*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*135.31*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*216.49*	
		For >50 To 100, Deduct	*-18.84*	
		For >100, Deduct	*-26.62*	
08 14 16 00-0453	EA	2'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	311.29	65.43
		For 7 Ply Cold Press Construction, Deduct	*-3.61*	
		For Stave Lumber Core (SLC), Add	*135.31*	
		For Structural Composite Lumber Core (SCLC), Add	*81.18*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*21.65*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*97.42*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*135.31*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*216.49*	
		For >50 To 100, Deduct	*-18.84*	
		For >100, Deduct	*-26.62*	
08 14 16 00-0454	EA	2'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	326.66	68.41
		For 7 Ply Cold Press Construction, Deduct	*-3.80*	
		For Stave Lumber Core (SLC), Add	*142.38*	
		For Structural Composite Lumber Core (SCLC), Add	*85.43*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*22.78*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*102.51*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*142.38*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*227.81*	
		For >50 To 100, Deduct	*-19.75*	
		For >100, Deduct	*-27.92*	
08 14 16 00-0455	EA	2'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	334.56	68.41
		For 7 Ply Cold Press Construction, Deduct	*-3.95*	
		For Stave Lumber Core (SLC), Add	*148.31*	
		For Structural Composite Lumber Core (SCLC), Add	*88.98*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*23.73*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*106.78*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*148.31*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*237.29*	
		For >50 To 100, Deduct	*-20.15*	
		For >100, Deduct	*-28.51*	
08 14 16 00-0456	EA	2'-10" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	339.85	68.41
		For 7 Ply Cold Press Construction, Deduct	*-4.06*	
		For Stave Lumber Core (SLC), Add	*152.27*	
		For Structural Composite Lumber Core (SCLC), Add	*91.36*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*24.36*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*109.64*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*152.27*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*243.64*	
		For >50 To 100, Deduct	*-20.41*	
		For >100, Deduct	*-28.91*	
08 14 16 00-0457	EA	3'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	351.06	71.38
		For 7 Ply Cold Press Construction, Deduct	*-4.17*	
		For Stave Lumber Core (SLC), Add	*156.22*	
		For Structural Composite Lumber Core (SCLC), Add	*93.73*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*24.99*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*112.48*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*156.22*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*249.95*	
		For >50 To 100, Deduct	*-21.12*	
		For >100, Deduct	*-29.90*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0458	EA	3'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	373.97	71.38
		For 7 Ply Cold Press Construction, Deduct	*-4.62*	
		For Stave Lumber Core (SLC), Add	*173.40*	
		For Structural Composite Lumber Core (SCLC), Add	*104.04*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*27.74*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*124.85*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*173.40*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*277.44*	
		For >50 To 100, Deduct	*-22.27*	
		For >100, Deduct	*-31.62*	
08 14 16 00-0459	EA	3'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	429.43	74.36
		For 7 Ply Cold Press Construction, Deduct	*-5.61*	
		For Stave Lumber Core (SLC), Add	*210.53*	
		For Structural Composite Lumber Core (SCLC), Add	*126.32*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*33.69*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*151.58*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*210.53*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*336.85*	
		For >50 To 100, Deduct	*-25.19*	
		For >100, Deduct	*-35.93*	
08 14 16 00-0460	EA	3'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	443.47	74.36
		For 7 Ply Cold Press Construction, Deduct	*-5.90*	
		For Stave Lumber Core (SLC), Add	*221.06*	
		For Structural Composite Lumber Core (SCLC), Add	*132.64*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*35.37*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*159.17*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*221.06*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*353.70*	
		For >50 To 100, Deduct	*-25.89*	
		For >100, Deduct	*-36.98*	
08 14 16 00-0461	EA	4'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	483.43	80.31
		For 7 Ply Cold Press Construction, Deduct	*-6.46*	
		For Stave Lumber Core (SLC), Add	*242.11*	
		For Structural Composite Lumber Core (SCLC), Add	*145.26*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*38.74*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*174.32*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*242.11*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*387.37*	
		For >50 To 100, Deduct	*-28.19*	
		For >100, Deduct	*-40.27*	
08 14 16 00-0462	EA	2'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	370.34	65.43
		For 7 Ply Cold Press Construction, Deduct	*-4.79*	
		For Stave Lumber Core (SLC), Add	*179.60*	
		For Structural Composite Lumber Core (SCLC), Add	*107.76*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*28.74*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*129.31*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*179.60*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*287.35*	
		For >50 To 100, Deduct	*-21.79*	
		For >100, Deduct	*-31.05*	
		For 9' Door Height, Add	*50.29*	
08 14 16 00-0463	EA	2'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	370.34	65.43
		For 7 Ply Cold Press Construction, Deduct	*-4.79*	
		For Stave Lumber Core (SLC), Add	*179.60*	
		For Structural Composite Lumber Core (SCLC), Add	*107.76*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*28.74*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*129.31*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*179.60*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*287.35*	
		For >50 To 100, Deduct	*-21.79*	
		For >100, Deduct	*-31.05*	
		For 9' Door Height, Add	*50.29*	
08 14 16 00-0464	EA	2'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	363.67	68.41
		For 7 Ply Cold Press Construction, Deduct	*-4.54*	
		For Stave Lumber Core (SLC), Add	*170.14*	
		For Structural Composite Lumber Core (SCLC), Add	*102.08*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*27.22*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*122.50*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*170.14*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*272.22*	
		For >50 To 100, Deduct	*-21.60*	
		For >100, Deduct	*-30.70*	
		For 9' Door Height, Add	*47.64*	
08 14 16 00-0465	EA	2'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	373.12	68.41
		For 7 Ply Cold Press Construction, Deduct	*-4.73*	
		For Stave Lumber Core (SLC), Add	*177.23*	
		For Structural Composite Lumber Core (SCLC), Add	*106.34*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*28.36*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*127.60*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*177.23*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*283.56*	
		For >50 To 100, Deduct	*-22.08*	
		For >100, Deduct	*-31.40*	
		For 9' Door Height, Add	*49.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0466	EA	2'-10" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	379.43	68.41
		For 7 Ply Cold Press Construction, Deduct	*-4.85*	
		For Stave Lumber Core (SLC), Add	*181.96*	
		For Structural Composite Lumber Core (SCLC), Add	*109.17*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*29.11*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*131.01*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*181.96*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*291.13*	
		For >50 To 100, Deduct	*-22.39*	
		For >100, Deduct	*-31.88*	
		For 9' Door Height, Add	*50.95*	
08 14 16 00-0467	EA	3'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	391.67	71.38
		For 7 Ply Cold Press Construction, Deduct	*-4.98*	
		For Stave Lumber Core (SLC), Add	*186.68*	
		For Structural Composite Lumber Core (SCLC), Add	*112.01*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*29.87*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*134.41*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*186.68*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*298.68*	
		For >50 To 100, Deduct	*-23.15*	
		For >100, Deduct	*-32.94*	
		For 9' Door Height, Add	*52.27*	
08 14 16 00-0468	EA	3'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	419.05	71.38
		For 7 Ply Cold Press Construction, Deduct	*-5.53*	
		For Stave Lumber Core (SLC), Add	*207.21*	
		For Structural Composite Lumber Core (SCLC), Add	*124.33*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*33.15*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*149.19*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*207.21*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*331.54*	
		For >50 To 100, Deduct	*-24.52*	
		For >100, Deduct	*-35.00*	
		For 9' Door Height, Add	*58.02*	
08 14 16 00-0469	EA	3'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	484.16	74.36
		For 7 Ply Cold Press Construction, Deduct	*-6.71*	
		For Stave Lumber Core (SLC), Add	*251.58*	
		For Structural Composite Lumber Core (SCLC), Add	*150.95*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*40.25*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*181.14*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*251.58*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*402.53*	
		For >50 To 100, Deduct	*-27.93*	
		For >100, Deduct	*-40.03*	
		For 9' Door Height, Add	*70.44*	
08 14 16 00-0470	EA	3'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	500.93	74.36
		For 7 Ply Cold Press Construction, Deduct	*-7.04*	
		For Stave Lumber Core (SLC), Add	*264.16*	
		For Structural Composite Lumber Core (SCLC), Add	*158.49*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*42.27*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*190.19*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*264.16*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*422.65*	
		For >50 To 100, Deduct	*-28.76*	
		For >100, Deduct	*-41.29*	
		For 9' Door Height, Add	*73.96*	
08 14 16 00-0471	EA	4'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	546.38	80.31
		For 7 Ply Cold Press Construction, Deduct	*-7.72*	
		For Stave Lumber Core (SLC), Add	*289.32*	
		For Structural Composite Lumber Core (SCLC), Add	*173.59*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*46.29*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*208.31*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*289.32*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*462.91*	
		For >50 To 100, Deduct	*-31.33*	
		For >100, Deduct	*-44.99*	
		For 9' Door Height, Add	*81.01*	

08 14 16 00-0472 Oak Faced Wood Doors *(08 14 16 00-0440)*

08 14 16 00-0473	EA	2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	493.61	65.43
		For 7 Ply Cold Press Construction, Deduct	*-7.25*	
		For Stave Lumber Core (SLC), Add	*272.05*	
		For Structural Composite Lumber Core (SCLC), Add	*163.23*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*43.53*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*195.87*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*272.05*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*435.28*	
		For >50 To 100, Deduct	*-27.95*	
		For >100, Deduct	*-40.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0474	EA	2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	493.61	65.43
		For 7 Ply Cold Press Construction, Deduct	*-7.25*	
		For Stave Lumber Core (SLC), Add	*272.05*	
		For Structural Composite Lumber Core (SCLC), Add	*163.23*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*43.53*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*195.87*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*272.05*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*435.28*	
		For >50 To 100, Deduct	*-27.95*	
		For >100, Deduct	*-40.29*	
08 14 16 00-0475	EA	2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	499.55	68.41
		For 7 Ply Cold Press Construction, Deduct	*-7.25*	
		For Stave Lumber Core (SLC), Add	*272.05*	
		For Structural Composite Lumber Core (SCLC), Add	*163.23*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*43.53*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*195.87*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*272.05*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*435.28*	
		For >50 To 100, Deduct	*-28.40*	
		For >100, Deduct	*-40.89*	
08 14 16 00-0476	EA	2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	503.28	68.41
		For 7 Ply Cold Press Construction, Deduct	*-7.33*	
		For Stave Lumber Core (SLC), Add	*274.85*	
		For Structural Composite Lumber Core (SCLC), Add	*164.91*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*43.98*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*197.89*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*274.85*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*439.75*	
		For >50 To 100, Deduct	*-28.58*	
		For >100, Deduct	*-41.17*	
08 14 16 00-0477	EA	2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	504.96	68.41
		For 7 Ply Cold Press Construction, Deduct	*-7.36*	
		For Stave Lumber Core (SLC), Add	*276.11*	
		For Structural Composite Lumber Core (SCLC), Add	*165.66*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*44.18*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*198.80*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*276.11*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*441.77*	
		For >50 To 100, Deduct	*-28.67*	
		For >100, Deduct	*-41.29*	
08 14 16 00-0478	EA	3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	512.60	71.38
		For 7 Ply Cold Press Construction, Deduct	*-7.40*	
		For Stave Lumber Core (SLC), Add	*277.37*	
		For Structural Composite Lumber Core (SCLC), Add	*166.42*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*44.38*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*199.71*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*277.37*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*443.80*	
		For >50 To 100, Deduct	*-29.20*	
		For >100, Deduct	*-42.01*	
08 14 16 00-0479	EA	3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	553.22	71.38
		For 7 Ply Cold Press Construction, Deduct	*-8.21*	
		For Stave Lumber Core (SLC), Add	*307.84*	
		For Structural Composite Lumber Core (SCLC), Add	*184.70*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*49.25*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*221.64*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*307.84*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*492.54*	
		For >50 To 100, Deduct	*-31.23*	
		For >100, Deduct	*-45.06*	
08 14 16 00-0480	EA	3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	663.77	74.36
		For 7 Ply Cold Press Construction, Deduct	*-10.30*	
		For Stave Lumber Core (SLC), Add	*386.29*	
		For Structural Composite Lumber Core (SCLC), Add	*231.77*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*61.81*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*278.13*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*386.29*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*618.06*	
		For >50 To 100, Deduct	*-36.91*	
		For >100, Deduct	*-53.50*	
08 14 16 00-0481	EA	3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	689.88	74.36
		For 7 Ply Cold Press Construction, Deduct	*-10.82*	
		For Stave Lumber Core (SLC), Add	*405.87*	
		For Structural Composite Lumber Core (SCLC), Add	*243.52*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*64.94*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*292.23*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*405.87*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*649.39*	
		For >50 To 100, Deduct	*-38.21*	
		For >100, Deduct	*-55.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0482	EA	4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	752.94	80.31
		For 7 Ply Cold Press Construction, Deduct	*-11.85*	
		For Stave Lumber Core (SLC), Add	*444.24*	
		For Structural Composite Lumber Core (SCLC), Add	*266.54*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*71.08*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*319.85*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*444.24*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*710.78*	
		For >50 To 100, Deduct	*-41.66*	
		For >100, Deduct	*-60.49*	
08 14 16 00-0483	EA	2'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	514.71	65.43
		For 7 Ply Cold Press Construction, Deduct	*-7.68*	
		For Stave Lumber Core (SLC), Add	*287.87*	
		For Structural Composite Lumber Core (SCLC), Add	*172.72*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*46.06*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*207.27*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*287.87*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*460.60*	
		For >50 To 100, Deduct	*-29.01*	
		For >100, Deduct	*-41.88*	
08 14 16 00-0484	EA	2'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	514.71	65.43
		For 7 Ply Cold Press Construction, Deduct	*-7.68*	
		For Stave Lumber Core (SLC), Add	*287.87*	
		For Structural Composite Lumber Core (SCLC), Add	*172.72*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*46.06*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*207.27*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*287.87*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*460.60*	
		For >50 To 100, Deduct	*-29.01*	
		For >100, Deduct	*-41.88*	
08 14 16 00-0485	EA	2'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	520.65	68.41
		For 7 Ply Cold Press Construction, Deduct	*-7.68*	
		For Stave Lumber Core (SLC), Add	*287.87*	
		For Structural Composite Lumber Core (SCLC), Add	*172.72*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*46.06*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*207.27*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*287.87*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*460.60*	
		For >50 To 100, Deduct	*-29.45*	
		For >100, Deduct	*-42.47*	
08 14 16 00-0486	EA	2'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	524.59	68.41
		For 7 Ply Cold Press Construction, Deduct	*-7.76*	
		For Stave Lumber Core (SLC), Add	*290.83*	
		For Structural Composite Lumber Core (SCLC), Add	*174.50*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*46.53*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*209.40*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*290.83*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*465.32*	
		For >50 To 100, Deduct	*-29.65*	
		For >100, Deduct	*-42.76*	
08 14 16 00-0487	EA	2'-10" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	526.38	68.41
		For 7 Ply Cold Press Construction, Deduct	*-7.79*	
		For Stave Lumber Core (SLC), Add	*292.17*	
		For Structural Composite Lumber Core (SCLC), Add	*175.30*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*46.75*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*210.36*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*292.17*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*467.47*	
		For >50 To 100, Deduct	*-29.74*	
		For >100, Deduct	*-42.90*	
08 14 16 00-0488	EA	3'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	534.13	71.38
		For 7 Ply Cold Press Construction, Deduct	*-7.83*	
		For Stave Lumber Core (SLC), Add	*293.52*	
		For Structural Composite Lumber Core (SCLC), Add	*176.11*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*46.96*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*211.33*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*293.52*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*469.63*	
		For >50 To 100, Deduct	*-30.28*	
		For >100, Deduct	*-43.63*	
08 14 16 00-0489	EA	3'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	577.11	71.38
		For 7 Ply Cold Press Construction, Deduct	*-8.69*	
		For Stave Lumber Core (SLC), Add	*325.76*	
		For Structural Composite Lumber Core (SCLC), Add	*195.45*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*52.12*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*234.54*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*325.76*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*521.21*	
		For >50 To 100, Deduct	*-32.42*	
		For >100, Deduct	*-46.85*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0490	EA	3'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	693.75	74.36
		For 7 Ply Cold Press Construction, Deduct	*-10.90*	
		For Stave Lumber Core (SLC), Add	*408.77*	
		For Structural Composite Lumber Core (SCLC), Add	*245.26*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*65.40*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*294.32*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*408.77*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*654.04*	
		For >50 To 100, Deduct	*-38.41*	
		For >100, Deduct	*-55.75*	
08 14 16 00-0491	EA	3'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	721.37	74.36
		For 7 Ply Cold Press Construction, Deduct	*-11.45*	
		For Stave Lumber Core (SLC), Add	*429.49*	
		For Structural Composite Lumber Core (SCLC), Add	*257.69*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*68.72*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*309.23*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*429.49*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*687.18*	
		For >50 To 100, Deduct	*-39.79*	
		For >100, Deduct	*-57.82*	
08 14 16 00-0492	EA	4'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	787.40	80.31
		For 7 Ply Cold Press Construction, Deduct	*-12.54*	
		For Stave Lumber Core (SLC), Add	*470.09*	
		For Structural Composite Lumber Core (SCLC), Add	*282.05*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*75.21*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*338.46*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*470.09*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*752.14*	
		For >50 To 100, Deduct	*-43.39*	
		For >100, Deduct	*-63.07*	
08 14 16 00-0493	EA	2'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	589.54	65.43
		For 7 Ply Cold Press Construction, Deduct	*-9.17*	
		For Stave Lumber Core (SLC), Add	*344.00*	
		For Structural Composite Lumber Core (SCLC), Add	*206.40*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*55.04*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*247.68*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*344.00*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*550.39*	
		For >50 To 100, Deduct	*-32.75*	
		For >100, Deduct	*-47.49*	
		For 9' Door Height, Add	*96.32*	
08 14 16 00-0494	EA	2'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	589.54	65.43
		For 7 Ply Cold Press Construction, Deduct	*-9.17*	
		For Stave Lumber Core (SLC), Add	*344.00*	
		For Structural Composite Lumber Core (SCLC), Add	*206.40*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*55.04*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*247.68*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*344.00*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*550.39*	
		For >50 To 100, Deduct	*-32.75*	
		For >100, Deduct	*-47.49*	
		For 9' Door Height, Add	*96.32*	
08 14 16 00-0495	EA	2'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	595.48	68.41
		For 7 Ply Cold Press Construction, Deduct	*-9.17*	
		For Stave Lumber Core (SLC), Add	*344.00*	
		For Structural Composite Lumber Core (SCLC), Add	*206.40*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*55.04*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*247.68*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*344.00*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*550.39*	
		For >50 To 100, Deduct	*-33.19*	
		For >100, Deduct	*-48.08*	
		For 9' Door Height, Add	*96.32*	
08 14 16 00-0496	EA	2'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	600.21	68.41
		For 7 Ply Cold Press Construction, Deduct	*-9.27*	
		For Stave Lumber Core (SLC), Add	*347.54*	
		For Structural Composite Lumber Core (SCLC), Add	*208.53*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*55.61*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*250.23*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*347.54*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*556.07*	
		For >50 To 100, Deduct	*-33.43*	
		For >100, Deduct	*-48.44*	
		For 9' Door Height, Add	*97.31*	
08 14 16 00-0497	EA	2'-10" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	602.36	68.41
		For 7 Ply Cold Press Construction, Deduct	*-9.31*	
		For Stave Lumber Core (SLC), Add	*349.16*	
		For Structural Composite Lumber Core (SCLC), Add	*209.49*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*55.86*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*251.39*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*349.16*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*558.65*	
		For >50 To 100, Deduct	*-33.54*	
		For >100, Deduct	*-48.60*	
		For 9' Door Height, Add	*97.76*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0498	EA	3'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	610.43	71.38
		For 7 Ply Cold Press Construction, Deduct	*-9.35*	
		For Stave Lumber Core (SLC), Add	*350.75*	
		For Structural Composite Lumber Core (SCLC), Add	*210.45*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*56.12*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*252.54*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*350.75*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*561.19*	
		For >50 To 100, Deduct	*-34.09*	
		For >100, Deduct	*-49.35*	
		For 9' Door Height, Add	*98.21*	
08 14 16 00-0499	EA	3'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	661.79	71.38
		For 7 Ply Cold Press Construction, Deduct	*-10.38*	
		For Stave Lumber Core (SLC), Add	*389.27*	
		For Structural Composite Lumber Core (SCLC), Add	*233.56*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*62.28*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*280.27*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*389.27*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*622.82*	
		For >50 To 100, Deduct	*-36.66*	
		For >100, Deduct	*-53.20*	
		For 9' Door Height, Add	*108.99*	
08 14 16 00-0500	EA	3'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	800.04	74.36
		For 7 Ply Cold Press Construction, Deduct	*-13.03*	
		For Stave Lumber Core (SLC), Add	*488.49*	
		For Structural Composite Lumber Core (SCLC), Add	*293.09*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*78.16*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*351.71*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*488.49*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*781.58*	
		For >50 To 100, Deduct	*-43.72*	
		For >100, Deduct	*-63.72*	
		For 9' Door Height, Add	*136.78*	
08 14 16 00-0501	EA	3'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	833.03	74.36
		For 7 Ply Cold Press Construction, Deduct	*-13.69*	
		For Stave Lumber Core (SLC), Add	*513.23*	
		For Structural Composite Lumber Core (SCLC), Add	*307.94*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*82.12*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*369.53*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*513.23*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*821.17*	
		For >50 To 100, Deduct	*-45.37*	
		For >100, Deduct	*-66.20*	
		For 9' Door Height, Add	*143.71*	
08 14 16 00-0502	EA	4'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	909.62	80.31
		For 7 Ply Cold Press Construction, Deduct	*-14.98*	
		For Stave Lumber Core (SLC), Add	*561.75*	
		For Structural Composite Lumber Core (SCLC), Add	*337.05*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*89.88*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*404.46*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*561.75*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*898.80*	
		For >50 To 100, Deduct	*-49.50*	
		For >100, Deduct	*-72.24*	
		For 9' Door Height, Add	*157.29*	

08 14 16 00-0503 Maple Faced Wood Doors *(08 14 16 00-0440)*

08 14 16 00-0504	EA	2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	437.80	65.43
		For 7 Ply Cold Press Construction, Deduct	*-6.14*	
		For Stave Lumber Core (SLC), Add	*230.19*	
		For Structural Composite Lumber Core (SCLC), Add	*138.11*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*36.83*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*165.74*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*230.19*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*368.30*	
		For >50 To 100, Deduct	*-25.16*	
		For >100, Deduct	*-36.11*	
08 14 16 00-0505	EA	2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	437.80	65.43
		For 7 Ply Cold Press Construction, Deduct	*-6.14*	
		For Stave Lumber Core (SLC), Add	*230.19*	
		For Structural Composite Lumber Core (SCLC), Add	*138.11*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*36.83*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*165.74*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*230.19*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*368.30*	
		For >50 To 100, Deduct	*-25.16*	
		For >100, Deduct	*-36.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0506	EA	2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	443.74	68.41
		For 7 Ply Cold Press Construction, Deduct	*-6.14*	
		For Stave Lumber Core (SLC), Add	*230.19*	
		For Structural Composite Lumber Core (SCLC), Add	*138.11*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*36.83*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*165.74*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*230.19*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*368.30*	
		For >50 To 100, Deduct	*-25.61*	
		For >100, Deduct	*-36.70*	
08 14 16 00-0507	EA	2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	446.90	68.41
		For 7 Ply Cold Press Construction, Deduct	*-6.20*	
		For Stave Lumber Core (SLC), Add	*232.56*	
		For Structural Composite Lumber Core (SCLC), Add	*139.54*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*37.21*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*167.44*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*232.56*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*372.10*	
		For >50 To 100, Deduct	*-25.77*	
		For >100, Deduct	*-36.94*	
08 14 16 00-0508	EA	2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	448.31	68.41
		For 7 Ply Cold Press Construction, Deduct	*-6.23*	
		For Stave Lumber Core (SLC), Add	*233.62*	
		For Structural Composite Lumber Core (SCLC), Add	*140.17*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*37.38*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*168.20*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*233.62*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*373.79*	
		For >50 To 100, Deduct	*-25.84*	
		For >100, Deduct	*-37.04*	
08 14 16 00-0509	EA	3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	455.70	71.38
		For 7 Ply Cold Press Construction, Deduct	*-6.26*	
		For Stave Lumber Core (SLC), Add	*234.70*	
		For Structural Composite Lumber Core (SCLC), Add	*140.82*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*37.55*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*168.98*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*234.70*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*375.52*	
		For >50 To 100, Deduct	*-26.35*	
		For >100, Deduct	*-37.75*	
08 14 16 00-0510	EA	3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	490.08	71.38
		For 7 Ply Cold Press Construction, Deduct	*-6.95*	
		For Stave Lumber Core (SLC), Add	*260.48*	
		For Structural Composite Lumber Core (SCLC), Add	*156.29*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*41.68*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*187.55*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*260.48*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*416.77*	
		For >50 To 100, Deduct	*-28.07*	
		For >100, Deduct	*-40.33*	
08 14 16 00-0511	EA	3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	562.74	74.36
		For 7 Ply Cold Press Construction, Deduct	*-8.28*	
		For Stave Lumber Core (SLC), Add	*310.52*	
		For Structural Composite Lumber Core (SCLC), Add	*186.31*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*49.68*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*223.57*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*310.52*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*496.82*	
		For >50 To 100, Deduct	*-31.86*	
		For >100, Deduct	*-45.92*	
08 14 16 00-0512	EA	3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	606.31	74.36
		For 7 Ply Cold Press Construction, Deduct	*-9.15*	
		For Stave Lumber Core (SLC), Add	*343.19*	
		For Structural Composite Lumber Core (SCLC), Add	*205.92*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*54.91*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*247.10*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*343.19*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*549.11*	
		For >50 To 100, Deduct	*-34.03*	
		For >100, Deduct	*-49.19*	
08 14 16 00-0513	EA	4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	649.93	74.36
		For 7 Ply Cold Press Construction, Deduct	*-10.02*	
		For Stave Lumber Core (SLC), Add	*375.91*	
		For Structural Composite Lumber Core (SCLC), Add	*225.54*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*60.15*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*270.65*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*375.91*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*601.45*	
		For >50 To 100, Deduct	*-36.21*	
		For >100, Deduct	*-52.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0514	EA	2'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	455.66	65.43
		For 7 Ply Cold Press Construction, Deduct	*-6.50*	
		For Stave Lumber Core (SLC), Add	*243.59*	
		For Structural Composite Lumber Core (SCLC), Add	*146.15*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*38.97*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*175.38*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*243.59*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*389.74*	
		For >50 To 100, Deduct	*-26.06*	
		For >100, Deduct	*-37.45*	
08 14 16 00-0515	EA	2'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	455.66	65.43
		For 7 Ply Cold Press Construction, Deduct	*-6.50*	
		For Stave Lumber Core (SLC), Add	*243.59*	
		For Structural Composite Lumber Core (SCLC), Add	*146.15*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*38.97*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*175.38*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*243.59*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*389.74*	
		For >50 To 100, Deduct	*-26.06*	
		For >100, Deduct	*-37.45*	
08 14 16 00-0516	EA	2'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	461.60	68.41
		For 7 Ply Cold Press Construction, Deduct	*-6.50*	
		For Stave Lumber Core (SLC), Add	*243.59*	
		For Structural Composite Lumber Core (SCLC), Add	*146.15*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*38.97*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*175.38*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*243.59*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*389.74*	
		For >50 To 100, Deduct	*-26.50*	
		For >100, Deduct	*-38.04*	
08 14 16 00-0517	EA	2'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	464.93	68.41
		For 7 Ply Cold Press Construction, Deduct	*-6.56*	
		For Stave Lumber Core (SLC), Add	*246.08*	
		For Structural Composite Lumber Core (SCLC), Add	*147.65*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*39.37*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*177.18*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*246.08*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*393.73*	
		For >50 To 100, Deduct	*-26.67*	
		For >100, Deduct	*-38.29*	
08 14 16 00-0518	EA	2'-10" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	466.45	68.41
		For 7 Ply Cold Press Construction, Deduct	*-6.59*	
		For Stave Lumber Core (SLC), Add	*247.22*	
		For Structural Composite Lumber Core (SCLC), Add	*148.33*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*39.56*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*178.00*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*247.22*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*395.56*	
		For >50 To 100, Deduct	*-26.74*	
		For >100, Deduct	*-38.40*	
08 14 16 00-0519	EA	3'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	473.92	71.38
		For 7 Ply Cold Press Construction, Deduct	*-6.62*	
		For Stave Lumber Core (SLC), Add	*248.36*	
		For Structural Composite Lumber Core (SCLC), Add	*149.02*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*39.74*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*178.82*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*248.36*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*397.38*	
		For >50 To 100, Deduct	*-27.27*	
		For >100, Deduct	*-39.11*	
08 14 16 00-0520	EA	3'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	510.29	71.38
		For 7 Ply Cold Press Construction, Deduct	*-7.35*	
		For Stave Lumber Core (SLC), Add	*275.64*	
		For Structural Composite Lumber Core (SCLC), Add	*165.38*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*44.10*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*198.46*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*275.64*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*441.02*	
		For >50 To 100, Deduct	*-29.08*	
		For >100, Deduct	*-41.84*	
08 14 16 00-0521	EA	3'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	586.84	74.36
		For 7 Ply Cold Press Construction, Deduct	*-8.76*	
		For Stave Lumber Core (SLC), Add	*328.59*	
		For Structural Composite Lumber Core (SCLC), Add	*197.15*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*52.57*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*236.58*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*328.59*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*525.74*	
		For >50 To 100, Deduct	*-33.06*	
		For >100, Deduct	*-47.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0522	EA	3'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	632.96	74.36
		For 7 Ply Cold Press Construction, Deduct	*-9.68*	
		For Stave Lumber Core (SLC), Add	*363.18*	
		For Structural Composite Lumber Core (SCLC), Add	*217.91*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*58.11*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*261.49*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*363.18*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*581.09*	
		For >50 To 100, Deduct	*-35.37*	
		For >100, Deduct	*-51.19*	
08 14 16 00-0523	EA	4'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	679.11	74.36
		For 7 Ply Cold Press Construction, Deduct	*-10.61*	
		For Stave Lumber Core (SLC), Add	*397.79*	
		For Structural Composite Lumber Core (SCLC), Add	*238.68*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*63.65*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*286.41*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*397.79*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*636.47*	
		For >50 To 100, Deduct	*-37.67*	
		For >100, Deduct	*-54.65*	
08 14 16 00-0524	EA	2'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	518.98	65.43
		For 7 Ply Cold Press Construction, Deduct	*-7.76*	
		For Stave Lumber Core (SLC), Add	*291.08*	
		For Structural Composite Lumber Core (SCLC), Add	*174.65*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*46.57*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*209.57*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*291.08*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*465.72*	
		For >50 To 100, Deduct	*-29.22*	
		For >100, Deduct	*-42.20*	
		For 9' Door Height, Add	*81.50*	
08 14 16 00-0525	EA	2'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	518.98	65.43
		For 7 Ply Cold Press Construction, Deduct	*-7.76*	
		For Stave Lumber Core (SLC), Add	*291.08*	
		For Structural Composite Lumber Core (SCLC), Add	*174.65*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*46.57*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*209.57*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*291.08*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*465.72*	
		For >50 To 100, Deduct	*-29.22*	
		For >100, Deduct	*-42.20*	
		For 9' Door Height, Add	*81.50*	
08 14 16 00-0526	EA	2'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	524.92	68.41
		For 7 Ply Cold Press Construction, Deduct	*-7.76*	
		For Stave Lumber Core (SLC), Add	*291.08*	
		For Structural Composite Lumber Core (SCLC), Add	*174.65*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*46.57*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*209.57*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*291.08*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*465.72*	
		For >50 To 100, Deduct	*-29.67*	
		For >100, Deduct	*-42.79*	
		For 9' Door Height, Add	*81.50*	
08 14 16 00-0527	EA	2'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	528.92	68.41
		For 7 Ply Cold Press Construction, Deduct	*-7.84*	
		For Stave Lumber Core (SLC), Add	*294.08*	
		For Structural Composite Lumber Core (SCLC), Add	*176.45*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*47.05*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*211.73*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*294.08*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*470.52*	
		For >50 To 100, Deduct	*-29.87*	
		For >100, Deduct	*-43.09*	
		For 9' Door Height, Add	*82.34*	
08 14 16 00-0528	EA	2'-10" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	530.73	68.41
		For 7 Ply Cold Press Construction, Deduct	*-7.88*	
		For Stave Lumber Core (SLC), Add	*295.43*	
		For Structural Composite Lumber Core (SCLC), Add	*177.26*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*47.27*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*212.71*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*295.43*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*472.69*	
		For >50 To 100, Deduct	*-29.96*	
		For >100, Deduct	*-43.23*	
		For 9' Door Height, Add	*82.72*	
08 14 16 00-0529	EA	3'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	538.48	71.38
		For 7 Ply Cold Press Construction, Deduct	*-7.91*	
		For Stave Lumber Core (SLC), Add	*296.78*	
		For Structural Composite Lumber Core (SCLC), Add	*178.07*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*47.49*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*213.68*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*296.78*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*474.85*	
		For >50 To 100, Deduct	*-30.49*	
		For >100, Deduct	*-43.96*	
		For 9' Door Height, Add	*83.10*	

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MINOR CSI UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0530	EA 3'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	581.95	71.38
	For 7 Ply Cold Press Construction, Deduct	*-8.78*	
	For Stave Lumber Core (SLC), Add	*329.39*	
	For Structural Composite Lumber Core (SCLC), Add	*197.63*	
	For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*52.70*	
	For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*237.16*	
	For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*329.39*	
	For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*527.02*	
	For >50 To 100, Deduct	*-32.67*	
	For >100, Deduct	*-47.22*	
	For 9' Door Height, Add	*92.23*	
08 14 16 00-0531	EA 3'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	672.26	74.36
	For 7 Ply Cold Press Construction, Deduct	*-10.47*	
	For Stave Lumber Core (SLC), Add	*392.66*	
	For Structural Composite Lumber Core (SCLC), Add	*235.59*	
	For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*62.82*	
	For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*282.71*	
	For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*392.66*	
	For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*628.25*	
	For >50 To 100, Deduct	*-37.33*	
	For >100, Deduct	*-54.14*	
	For 9' Door Height, Add	*109.94*	
08 14 16 00-0532	EA 3'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	727.38	74.36
	For 7 Ply Cold Press Construction, Deduct	*-11.57*	
	For Stave Lumber Core (SLC), Add	*434.00*	
	For Structural Composite Lumber Core (SCLC), Add	*260.40*	
	For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*69.44*	
	For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*312.48*	
	For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*434.00*	
	For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*694.39*	
	For >50 To 100, Deduct	*-40.09*	
	For >100, Deduct	*-58.27*	
	For 9' Door Height, Add	*121.52*	
08 14 16 00-0533	EA 4'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	782.52	74.36
	For 7 Ply Cold Press Construction, Deduct	*-12.68*	
	For Stave Lumber Core (SLC), Add	*475.35*	
	For Structural Composite Lumber Core (SCLC), Add	*285.21*	
	For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*76.06*	
	For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*342.25*	
	For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*475.35*	
	For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*760.56*	
	For >50 To 100, Deduct	*-42.84*	
	For >100, Deduct	*-62.41*	
	For 9' Door Height, Add	*133.10*	
08 14 16 00-0534	**Walnut Faced Wood Doors** *(08 14 16 00-0440)*		
08 14 16 00-0535	EA 2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	687.41	65.43
	For 7 Ply Cold Press Construction, Deduct	*-11.13*	
	For Stave Lumber Core (SLC), Add	*417.40*	
	For Structural Composite Lumber Core (SCLC), Add	*250.44*	
	For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*66.78*	
	For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*300.53*	
	For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*417.40*	
	For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*667.84*	
	For >50 To 100, Deduct	*-37.64*	
	For >100, Deduct	*-54.83*	
08 14 16 00-0536	EA 2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	687.41	65.43
	For 7 Ply Cold Press Construction, Deduct	*-11.13*	
	For Stave Lumber Core (SLC), Add	*417.40*	
	For Structural Composite Lumber Core (SCLC), Add	*250.44*	
	For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*66.78*	
	For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*300.53*	
	For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*417.40*	
	For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*667.84*	
	For >50 To 100, Deduct	*-37.64*	
	For >100, Deduct	*-54.83*	
08 14 16 00-0537	EA 2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	693.53	68.41
	For 7 Ply Cold Press Construction, Deduct	*-11.13*	
	For Stave Lumber Core (SLC), Add	*417.53*	
	For Structural Composite Lumber Core (SCLC), Add	*250.52*	
	For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*66.81*	
	For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*300.62*	
	For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*417.53*	
	For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*668.05*	
	For >50 To 100, Deduct	*-38.10*	
	For >100, Deduct	*-55.44*	
08 14 16 00-0538	EA 2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	699.26	68.41
	For 7 Ply Cold Press Construction, Deduct	*-11.25*	
	For Stave Lumber Core (SLC), Add	*421.83*	
	For Structural Composite Lumber Core (SCLC), Add	*253.10*	
	For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*67.49*	
	For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*303.72*	
	For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*421.83*	
	For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*674.93*	
	For >50 To 100, Deduct	*-38.38*	
	For >100, Deduct	*-55.87*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0539	EA	2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	714.27	68.41
		For 7 Ply Cold Press Construction, Deduct	*-11.55*	
		For Stave Lumber Core (SLC), Add	*433.09*	
		For Structural Composite Lumber Core (SCLC), Add	*259.85*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*69.29*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*311.82*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*433.09*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*692.94*	
		For >50 To 100, Deduct	*-39.13*	
		For >100, Deduct	*-56.99*	
08 14 16 00-0540	EA	3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	735.19	71.38
		For 7 Ply Cold Press Construction, Deduct	*-11.85*	
		For Stave Lumber Core (SLC), Add	*444.32*	
		For Structural Composite Lumber Core (SCLC), Add	*266.59*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*71.09*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*319.91*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*444.32*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*710.90*	
		For >50 To 100, Deduct	*-40.33*	
		For >100, Deduct	*-58.71*	
08 14 16 00-0541	EA	3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	774.10	71.38
		For 7 Ply Cold Press Construction, Deduct	*-12.63*	
		For Stave Lumber Core (SLC), Add	*473.50*	
		For Structural Composite Lumber Core (SCLC), Add	*284.10*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*75.76*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*340.92*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*473.50*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*757.60*	
		For >50 To 100, Deduct	*-42.27*	
		For >100, Deduct	*-61.63*	
08 14 16 00-0542	EA	3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	944.26	74.36
		For 7 Ply Cold Press Construction, Deduct	*-15.91*	
		For Stave Lumber Core (SLC), Add	*596.66*	
		For Structural Composite Lumber Core (SCLC), Add	*357.99*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*95.46*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*429.59*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*596.66*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*954.65*	
		For >50 To 100, Deduct	*-50.93*	
		For >100, Deduct	*-74.54*	
08 14 16 00-0543	EA	3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	984.02	74.36
		For 7 Ply Cold Press Construction, Deduct	*-16.71*	
		For Stave Lumber Core (SLC), Add	*626.48*	
		For Structural Composite Lumber Core (SCLC), Add	*375.89*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*100.24*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*451.06*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*626.48*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*1,002.36*	
		For >50 To 100, Deduct	*-52.92*	
		For >100, Deduct	*-77.52*	
08 14 16 00-0544	EA	4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	1,063.61	74.36
		For 7 Ply Cold Press Construction, Deduct	*-18.30*	
		For Stave Lumber Core (SLC), Add	*686.17*	
		For Structural Composite Lumber Core (SCLC), Add	*411.70*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*109.79*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*494.04*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*686.17*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*1,097.87*	
		For >50 To 100, Deduct	*-56.90*	
		For >100, Deduct	*-83.49*	
08 14 16 00-0545	EA	2'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	719.79	65.43
		For 7 Ply Cold Press Construction, Deduct	*-11.78*	
		For Stave Lumber Core (SLC), Add	*441.68*	
		For Structural Composite Lumber Core (SCLC), Add	*265.01*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*70.67*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*318.01*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*441.68*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*706.69*	
		For >50 To 100, Deduct	*-39.26*	
		For >100, Deduct	*-57.26*	
08 14 16 00-0546	EA	2'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	719.79	65.43
		For 7 Ply Cold Press Construction, Deduct	*-11.78*	
		For Stave Lumber Core (SLC), Add	*441.68*	
		For Structural Composite Lumber Core (SCLC), Add	*265.01*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*70.67*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*318.01*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*441.68*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*706.69*	
		For >50 To 100, Deduct	*-39.26*	
		For >100, Deduct	*-57.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0547	EA	2'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	725.91	68.41
		For 7 Ply Cold Press Construction, Deduct	*-11.78*	
		For Stave Lumber Core (SLC), Add	*441.82*	
		For Structural Composite Lumber Core (SCLC), Add	*265.09*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*70.69*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*318.11*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*441.82*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*706.91*	
		For >50 To 100, Deduct	*-39.72*	
		For >100, Deduct	*-57.86*	
08 14 16 00-0548	EA	2'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	732.00	68.41
		For 7 Ply Cold Press Construction, Deduct	*-11.90*	
		For Stave Lumber Core (SLC), Add	*446.39*	
		For Structural Composite Lumber Core (SCLC), Add	*267.83*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*71.42*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*321.40*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*446.39*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*714.22*	
		For >50 To 100, Deduct	*-40.02*	
		For >100, Deduct	*-58.32*	
08 14 16 00-0549	EA	2'-10" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	747.87	68.41
		For 7 Ply Cold Press Construction, Deduct	*-12.22*	
		For Stave Lumber Core (SLC), Add	*458.29*	
		For Structural Composite Lumber Core (SCLC), Add	*274.97*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*73.33*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*329.97*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*458.29*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*733.26*	
		For >50 To 100, Deduct	*-40.81*	
		For >100, Deduct	*-59.51*	
08 14 16 00-0550	EA	3'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	769.65	71.38
		For 7 Ply Cold Press Construction, Deduct	*-12.54*	
		For Stave Lumber Core (SLC), Add	*470.16*	
		For Structural Composite Lumber Core (SCLC), Add	*282.10*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*75.23*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*338.52*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*470.16*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*752.26*	
		For >50 To 100, Deduct	*-42.05*	
		For >100, Deduct	*-61.29*	
08 14 16 00-0551	EA	3'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	810.85	71.38
		For 7 Ply Cold Press Construction, Deduct	*-13.36*	
		For Stave Lumber Core (SLC), Add	*501.06*	
		For Structural Composite Lumber Core (SCLC), Add	*300.64*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*80.17*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*360.76*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*501.06*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*801.70*	
		For >50 To 100, Deduct	*-44.11*	
		For >100, Deduct	*-64.38*	
08 14 16 00-0552	EA	3'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	990.54	74.36
		For 7 Ply Cold Press Construction, Deduct	*-16.84*	
		For Stave Lumber Core (SLC), Add	*631.37*	
		For Structural Composite Lumber Core (SCLC), Add	*378.82*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*101.02*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*454.58*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*631.37*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*1,010.18*	
		For >50 To 100, Deduct	*-53.25*	
		For >100, Deduct	*-78.01*	
08 14 16 00-0553	EA	3'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	1,032.63	74.36
		For 7 Ply Cold Press Construction, Deduct	*-17.68*	
		For Stave Lumber Core (SLC), Add	*662.93*	
		For Structural Composite Lumber Core (SCLC), Add	*397.76*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*106.07*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*477.31*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*662.93*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*1,060.69*	
		For >50 To 100, Deduct	*-55.35*	
		For >100, Deduct	*-81.17*	
08 14 16 00-0554	EA	4'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	1,116.85	74.36
		For 7 Ply Cold Press Construction, Deduct	*-19.36*	
		For Stave Lumber Core (SLC), Add	*726.10*	
		For Structural Composite Lumber Core (SCLC), Add	*435.66*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*116.18*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*522.79*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*726.10*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*1,161.76*	
		For >50 To 100, Deduct	*-59.56*	
		For >100, Deduct	*-87.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0555	EA	2'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	834.64	65.43
		For 7 Ply Cold Press Construction, Deduct	*-14.08*	
		For Stave Lumber Core (SLC), Add	*527.82*	
		For Structural Composite Lumber Core (SCLC), Add	*316.69*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*84.45*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*380.03*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*527.82*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*844.51*	
		For >50 To 100, Deduct	*-45.00*	
		For >100, Deduct	*-65.87*	
		For 9' Door Height, Add	*147.79*	
08 14 16 00-0556	EA	2'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	834.64	65.43
		For 7 Ply Cold Press Construction, Deduct	*-14.08*	
		For Stave Lumber Core (SLC), Add	*527.82*	
		For Structural Composite Lumber Core (SCLC), Add	*316.69*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*84.45*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*380.03*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*527.82*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*844.51*	
		For >50 To 100, Deduct	*-45.00*	
		For >100, Deduct	*-65.87*	
		For 9' Door Height, Add	*147.79*	
08 14 16 00-0557	EA	2'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	840.79	68.41
		For 7 Ply Cold Press Construction, Deduct	*-14.08*	
		For Stave Lumber Core (SLC), Add	*527.98*	
		For Structural Composite Lumber Core (SCLC), Add	*316.79*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*84.48*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*380.14*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*527.98*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*844.76*	
		For >50 To 100, Deduct	*-45.46*	
		For >100, Deduct	*-66.48*	
		For 9' Door Height, Add	*147.83*	
08 14 16 00-0558	EA	2'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	848.07	68.41
		For 7 Ply Cold Press Construction, Deduct	*-14.23*	
		For Stave Lumber Core (SLC), Add	*533.44*	
		For Structural Composite Lumber Core (SCLC), Add	*320.06*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*85.35*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*384.08*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*533.44*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*853.50*	
		For >50 To 100, Deduct	*-45.82*	
		For >100, Deduct	*-67.03*	
		For 9' Door Height, Add	*149.36*	
08 14 16 00-0559	EA	2'-10" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	867.02	68.41
		For 7 Ply Cold Press Construction, Deduct	*-14.60*	
		For Stave Lumber Core (SLC), Add	*547.65*	
		For Structural Composite Lumber Core (SCLC), Add	*328.59*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*87.62*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*394.31*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*547.65*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*876.24*	
		For >50 To 100, Deduct	*-46.77*	
		For >100, Deduct	*-68.45*	
		For 9' Door Height, Add	*153.34*	
08 14 16 00-0560	EA	3'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	891.92	71.38
		For 7 Ply Cold Press Construction, Deduct	*-14.98*	
		For Stave Lumber Core (SLC), Add	*561.86*	
		For Structural Composite Lumber Core (SCLC), Add	*337.12*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*89.90*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*404.54*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*561.86*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*898.98*	
		For >50 To 100, Deduct	*-48.17*	
		For >100, Deduct	*-70.46*	
		For 9' Door Height, Add	*157.32*	
08 14 16 00-0561	EA	3'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	941.13	71.38
		For 7 Ply Cold Press Construction, Deduct	*-15.97*	
		For Stave Lumber Core (SLC), Add	*598.77*	
		For Structural Composite Lumber Core (SCLC), Add	*359.26*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*95.80*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*431.11*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*598.77*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*958.03*	
		For >50 To 100, Deduct	*-50.63*	
		For >100, Deduct	*-74.15*	
		For 9' Door Height, Add	*167.66*	

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MINOR CSI UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0562	EA 3'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	1,154.71	74.36
	For 7 Ply Cold Press Construction, Deduct	*-20.12*	
	For Stave Lumber Core (SLC), Add	*754.49*	
	For Structural Composite Lumber Core (SCLC), Add	*452.70*	
	For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*120.72*	
	For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*543.23*	
	For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*754.49*	
	For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*1,207.19*	
	For >50 To 100, Deduct	*-61.45*	
	For >100, Deduct	*-90.32*	
	For 9' Door Height, Add	*211.26*	
08 14 16 00-0563	EA 3'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	1,205.00	74.36
	For 7 Ply Cold Press Construction, Deduct	*-21.13*	
	For Stave Lumber Core (SLC), Add	*792.21*	
	For Structural Composite Lumber Core (SCLC), Add	*475.33*	
	For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*126.75*	
	For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*570.39*	
	For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*792.21*	
	For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*1,267.54*	
	For >50 To 100, Deduct	*-63.97*	
	For >100, Deduct	*-94.09*	
	For 9' Door Height, Add	*221.82*	
08 14 16 00-0564	EA 4'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	1,305.63	74.36
	For 7 Ply Cold Press Construction, Deduct	*-23.14*	
	For Stave Lumber Core (SLC), Add	*867.68*	
	For Structural Composite Lumber Core (SCLC), Add	*520.61*	
	For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*138.83*	
	For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*624.73*	
	For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*867.68*	
	For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*1,388.29*	
	For >50 To 100, Deduct	*-69.00*	
	For >100, Deduct	*-101.64*	
	For 9' Door Height, Add	*242.95*	
08 14 16 00-0565	**Lauan Faced Wood Doors** *(08 14 16 00-0440)*		
08 14 16 00-0566	EA 2'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	432.25	65.43
	For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*36.16*	
	For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*162.74*	
	For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*226.03*	
	For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*361.64*	
	For >50 To 100, Deduct	*-24.88*	
	For >100, Deduct	*-35.69*	
08 14 16 00-0567	EA 2'-4" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	432.25	65.43
	For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*36.16*	
	For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*162.74*	
	For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*226.03*	
	For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*361.64*	
	For >50 To 100, Deduct	*-24.88*	
	For >100, Deduct	*-35.69*	
08 14 16 00-0568	EA 2'-6" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	439.06	68.41
	For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*36.27*	
	For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*163.21*	
	For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*226.68*	
	For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*362.69*	
	For >50 To 100, Deduct	*-25.37*	
	For >100, Deduct	*-36.35*	
08 14 16 00-0569	EA 2'-8" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	447.74	68.41
	For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*37.31*	
	For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*167.90*	
	For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*233.19*	
	For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*373.10*	
	For >50 To 100, Deduct	*-25.81*	
	For >100, Deduct	*-37.00*	
08 14 16 00-0570	EA 2'-10" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	450.88	68.41
	For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*37.69*	
	For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*169.59*	
	For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*235.55*	
	For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*376.87*	
	For >50 To 100, Deduct	*-25.96*	
	For >100, Deduct	*-37.24*	
08 14 16 00-0571	EA 3'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	459.97	71.38
	For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*38.06*	
	For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*171.29*	
	For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*237.90*	
	For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*380.64*	
	For >50 To 100, Deduct	*-26.57*	
	For >100, Deduct	*-38.07*	
08 14 16 00-0572	EA 3'-4" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	488.64	71.38
	For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*41.50*	
	For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*186.77*	
	For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*259.40*	
	For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*415.04*	
	For >50 To 100, Deduct	*-28.00*	
	For >100, Deduct	*-40.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0573	EA	3'-6" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	519.25	74.36
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*44.46*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*200.09*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*277.90*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*444.64*	
		For >50 To 100, Deduct	*-29.68*	
		For >100, Deduct	*-42.66*	
08 14 16 00-0574	EA	3'-8" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	537.78	74.36
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*46.69*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*210.09*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*291.80*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*466.87*	
		For >50 To 100, Deduct	*-30.61*	
		For >100, Deduct	*-44.05*	
08 14 16 00-0575	EA	4'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	574.85	74.36
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*51.14*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*230.11*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*319.60*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*511.36*	
		For >50 To 100, Deduct	*-32.46*	
		For >100, Deduct	*-46.83*	
08 14 16 00-0576	EA	2'-0" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	449.77	65.43
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*38.27*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*172.20*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*239.17*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*382.67*	
		For >50 To 100, Deduct	*-25.76*	
		For >100, Deduct	*-37.00*	
08 14 16 00-0577	EA	2'-4" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	449.77	65.43
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*38.27*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*172.20*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*239.17*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*382.67*	
		For >50 To 100, Deduct	*-25.76*	
		For >100, Deduct	*-37.00*	
08 14 16 00-0578	EA	2'-6" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	456.64	68.41
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*38.38*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*172.70*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*239.87*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*383.78*	
		For >50 To 100, Deduct	*-26.25*	
		For >100, Deduct	*-37.67*	
08 14 16 00-0579	EA	2'-8" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	465.82	68.41
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*39.48*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*177.66*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*246.75*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*394.80*	
		For >50 To 100, Deduct	*-26.71*	
		For >100, Deduct	*-38.36*	
08 14 16 00-0580	EA	2'-10" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	469.17	68.41
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*39.88*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*179.47*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*249.26*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*398.82*	
		For >50 To 100, Deduct	*-26.88*	
		For >100, Deduct	*-38.61*	
08 14 16 00-0581	EA	3'-0" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	478.43	71.38
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*40.28*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*181.26*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*251.75*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*402.79*	
		For >50 To 100, Deduct	*-27.49*	
		For >100, Deduct	*-39.45*	
08 14 16 00-0582	EA	3'-4" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	508.76	71.38
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*43.92*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*197.63*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*274.49*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*439.19*	
		For >50 To 100, Deduct	*-29.01*	
		For >100, Deduct	*-41.73*	
08 14 16 00-0583	EA	3'-6" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	540.82	74.36
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*47.05*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*211.73*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*294.08*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*470.52*	
		For >50 To 100, Deduct	*-30.76*	
		For >100, Deduct	*-44.28*	
08 14 16 00-0584	EA	3'-8" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	560.42	74.36
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*49.40*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*222.32*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*308.78*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*494.04*	
		For >50 To 100, Deduct	*-31.74*	
		For >100, Deduct	*-45.75*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0585	EA	4'-0" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	599.66	74.36
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*54.11*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*243.51*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*338.21*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*541.13*	
		For >50 To 100, Deduct	*-33.70*	
		For >100, Deduct	*-48.69*	
08 14 16 00-0586	EA	2'-0" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	511.93	65.43
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*45.73*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*205.77*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*285.79*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*457.26*	
		For >50 To 100, Deduct	*-28.87*	
		For >100, Deduct	*-41.67*	
		For 9' Door Height, Add	*80.02*	
08 14 16 00-0587	EA	2'-4" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	511.93	65.43
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*45.73*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*205.77*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*285.79*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*457.26*	
		For >50 To 100, Deduct	*-28.87*	
		For >100, Deduct	*-41.67*	
		For 9' Door Height, Add	*80.02*	
08 14 16 00-0588	EA	2'-6" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	518.98	68.41
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*45.86*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*206.37*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*286.62*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*458.59*	
		For >50 To 100, Deduct	*-29.37*	
		For >100, Deduct	*-42.34*	
		For 9' Door Height, Add	*80.25*	
08 14 16 00-0589	EA	2'-8" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	529.99	68.41
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*47.18*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*212.31*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*294.88*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*471.80*	
		For >50 To 100, Deduct	*-29.92*	
		For >100, Deduct	*-43.17*	
		For 9' Door Height, Add	*82.57*	
08 14 16 00-0590	EA	2'-10" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	533.99	68.41
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*47.66*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*214.47*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*297.88*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*476.60*	
		For >50 To 100, Deduct	*-30.12*	
		For >100, Deduct	*-43.47*	
		For 9' Door Height, Add	*83.41*	
08 14 16 00-0591	EA	3'-0" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	543.90	71.38
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*48.14*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*216.61*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*300.85*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*481.36*	
		For >50 To 100, Deduct	*-30.76*	
		For >100, Deduct	*-44.36*	
		For 9' Door Height, Add	*84.24*	
08 14 16 00-0592	EA	3'-4" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	580.15	71.38
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*52.49*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*236.19*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*328.04*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*524.86*	
		For >50 To 100, Deduct	*-32.58*	
		For >100, Deduct	*-47.08*	
		For 9' Door Height, Add	*91.85*	
08 14 16 00-0593	EA	3'-6" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	617.28	74.36
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*56.23*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*253.02*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*351.42*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*562.27*	
		For >50 To 100, Deduct	*-34.58*	
		For >100, Deduct	*-50.01*	
		For 9' Door Height, Add	*98.40*	
08 14 16 00-0594	EA	3'-8" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	640.69	74.36
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*59.04*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*265.66*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*368.98*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*590.36*	
		For >50 To 100, Deduct	*-35.75*	
		For >100, Deduct	*-51.77*	
		For 9' Door Height, Add	*103.31*	
08 14 16 00-0595	EA	4'-0" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	687.60	74.36
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*64.67*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*291.00*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*404.16*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*646.66*	
		For >50 To 100, Deduct	*-38.10*	
		For >100, Deduct	*-55.29*	
		For 9' Door Height, Add	*113.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

08 14 16 00-0596 Medium Density Overlay (MDO) Wood Doors *(08 14 16 00-0440)*

08 14 16 00-0597	EA	2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	359.24	65.43
		For Stave Lumber Core (SLC), Add	*171.27*	
		For Structural Composite Lumber Core (SCLC), Add	*102.76*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*27.40*	
		For >50 To 100, Deduct	*-21.23*	
		For >100, Deduct	*-30.22*	
08 14 16 00-0598	EA	2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	359.24	65.43
		For Stave Lumber Core (SLC), Add	*171.27*	
		For Structural Composite Lumber Core (SCLC), Add	*102.76*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*27.40*	
		For >50 To 100, Deduct	*-21.23*	
		For >100, Deduct	*-30.22*	
08 14 16 00-0599	EA	2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	378.41	68.41
		For Stave Lumber Core (SLC), Add	*181.19*	
		For Structural Composite Lumber Core (SCLC), Add	*108.72*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*28.99*	
		For >50 To 100, Deduct	*-22.34*	
		For >100, Deduct	*-31.80*	
08 14 16 00-0600	EA	2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	391.60	68.41
		For Stave Lumber Core (SLC), Add	*191.09*	
		For Structural Composite Lumber Core (SCLC), Add	*114.65*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*30.57*	
		For >50 To 100, Deduct	*-23.00*	
		For >100, Deduct	*-32.79*	
08 14 16 00-0601	EA	2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	394.06	68.41
		For Stave Lumber Core (SLC), Add	*192.93*	
		For Structural Composite Lumber Core (SCLC), Add	*115.76*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*30.87*	
		For >50 To 100, Deduct	*-23.12*	
		For >100, Deduct	*-32.98*	
08 14 16 00-0602	EA	3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	402.50	71.38
		For Stave Lumber Core (SLC), Add	*194.80*	
		For Structural Composite Lumber Core (SCLC), Add	*116.88*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*31.17*	
		For >50 To 100, Deduct	*-23.69*	
		For >100, Deduct	*-33.76*	
08 14 16 00-0603	EA	3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	431.13	71.38
		For Stave Lumber Core (SLC), Add	*216.27*	
		For Structural Composite Lumber Core (SCLC), Add	*129.76*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*34.60*	
		For >50 To 100, Deduct	*-25.13*	
		For >100, Deduct	*-35.90*	
08 14 16 00-0604	EA	3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	489.35	74.36
		For Stave Lumber Core (SLC), Add	*255.47*	
		For Structural Composite Lumber Core (SCLC), Add	*153.28*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*40.88*	
		For >50 To 100, Deduct	*-28.19*	
		For >100, Deduct	*-40.42*	
08 14 16 00-0605	EA	3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	506.40	74.36
		For Stave Lumber Core (SLC), Add	*268.26*	
		For Structural Composite Lumber Core (SCLC), Add	*160.96*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*42.92*	
		For >50 To 100, Deduct	*-29.04*	
		For >100, Deduct	*-41.70*	
08 14 16 00-0606	EA	4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	540.43	74.36
		For Stave Lumber Core (SLC), Add	*293.78*	
		For Structural Composite Lumber Core (SCLC), Add	*176.27*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*47.01*	
		For >50 To 100, Deduct	*-30.74*	
		For >100, Deduct	*-44.25*	
08 14 16 00-0607	EA	2'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	372.54	65.43
		For Stave Lumber Core (SLC), Add	*181.25*	
		For Structural Composite Lumber Core (SCLC), Add	*108.75*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*29.00*	
		For >50 To 100, Deduct	*-21.90*	
		For >100, Deduct	*-31.21*	
08 14 16 00-0608	EA	2'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	372.54	65.43
		For Stave Lumber Core (SLC), Add	*181.25*	
		For Structural Composite Lumber Core (SCLC), Add	*108.75*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*29.00*	
		For >50 To 100, Deduct	*-21.90*	
		For >100, Deduct	*-31.21*	
08 14 16 00-0609	EA	2'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	392.48	68.41
		For Stave Lumber Core (SLC), Add	*191.75*	
		For Structural Composite Lumber Core (SCLC), Add	*115.05*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*30.68*	
		For >50 To 100, Deduct	*-23.04*	
		For >100, Deduct	*-32.86*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0610	EA	2'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	406.44	68.41
		For Stave Lumber Core (SLC), Add	*202.22*	
		For Structural Composite Lumber Core (SCLC), Add	*121.33*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*32.35*	
		For >50 To 100, Deduct	*-23.74*	
		For >100, Deduct	*-33.90*	
08 14 16 00-0611	EA	2'-10" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	409.04	68.41
		For Stave Lumber Core (SLC), Add	*204.17*	
		For Structural Composite Lumber Core (SCLC), Add	*122.50*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*32.67*	
		For >50 To 100, Deduct	*-23.87*	
		For >100, Deduct	*-34.10*	
08 14 16 00-0612	EA	3'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	417.62	71.38
		For Stave Lumber Core (SLC), Add	*206.14*	
		For Structural Composite Lumber Core (SCLC), Add	*123.68*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*32.98*	
		For >50 To 100, Deduct	*-24.45*	
		For >100, Deduct	*-34.89*	
08 14 16 00-0613	EA	3'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	447.90	71.38
		For Stave Lumber Core (SLC), Add	*228.85*	
		For Structural Composite Lumber Core (SCLC), Add	*137.31*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*36.62*	
		For >50 To 100, Deduct	*-25.96*	
		For >100, Deduct	*-37.16*	
08 14 16 00-0614	EA	3'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	509.17	74.36
		For Stave Lumber Core (SLC), Add	*270.34*	
		For Structural Composite Lumber Core (SCLC), Add	*162.20*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*43.25*	
		For >50 To 100, Deduct	*-29.18*	
		For >100, Deduct	*-41.91*	
08 14 16 00-0615	EA	3'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	527.21	74.36
		For Stave Lumber Core (SLC), Add	*283.87*	
		For Structural Composite Lumber Core (SCLC), Add	*170.32*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*45.42*	
		For >50 To 100, Deduct	*-30.08*	
		For >100, Deduct	*-43.26*	
08 14 16 00-0616	EA	4'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	563.24	74.36
		For Stave Lumber Core (SLC), Add	*310.89*	
		For Structural Composite Lumber Core (SCLC), Add	*186.53*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*49.74*	
		For >50 To 100, Deduct	*-31.88*	
		For >100, Deduct	*-45.96*	
08 14 16 00-0617	EA	2'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	419.66	65.43
		For Stave Lumber Core (SLC), Add	*216.59*	
		For Structural Composite Lumber Core (SCLC), Add	*129.95*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*34.65*	
		For >50 To 100, Deduct	*-24.26*	
		For >100, Deduct	*-34.75*	
		For 9' Door Height, Add	*60.64*	
08 14 16 00-0618	EA	2'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	419.66	65.43
		For Stave Lumber Core (SLC), Add	*216.59*	
		For Structural Composite Lumber Core (SCLC), Add	*129.95*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*34.65*	
		For >50 To 100, Deduct	*-24.26*	
		For >100, Deduct	*-34.75*	
		For 9' Door Height, Add	*60.64*	
08 14 16 00-0619	EA	2'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	442.33	68.41
		For Stave Lumber Core (SLC), Add	*229.13*	
		For Structural Composite Lumber Core (SCLC), Add	*137.48*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*36.66*	
		For >50 To 100, Deduct	*-25.54*	
		For >100, Deduct	*-36.60*	
		For 9' Door Height, Add	*64.16*	
08 14 16 00-0620	EA	2'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	459.03	68.41
		For Stave Lumber Core (SLC), Add	*241.66*	
		For Structural Composite Lumber Core (SCLC), Add	*144.99*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*38.67*	
		For >50 To 100, Deduct	*-26.37*	
		For >100, Deduct	*-37.85*	
		For 9' Door Height, Add	*67.66*	
08 14 16 00-0621	EA	2'-10" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	462.12	68.41
		For Stave Lumber Core (SLC), Add	*243.98*	
		For Structural Composite Lumber Core (SCLC), Add	*146.39*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*39.04*	
		For >50 To 100, Deduct	*-26.53*	
		For >100, Deduct	*-38.08*	
		For 9' Door Height, Add	*68.31*	
08 14 16 00-0622	EA	3'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	471.23	71.38
		For Stave Lumber Core (SLC), Add	*246.35*	
		For Structural Composite Lumber Core (SCLC), Add	*147.81*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*39.42*	
		For >50 To 100, Deduct	*-27.13*	
		For >100, Deduct	*-38.91*	
		For 9' Door Height, Add	*68.98*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0623	EA	3'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	507.40	71.38
		For Stave Lumber Core (SLC), Add	*273.47*	
		For Structural Composite Lumber Core (SCLC), Add	*164.08*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*43.76*	
		For >50 To 100, Deduct	*-28.94*	
		For >100, Deduct	*-41.62*	
		For 9' Door Height, Add	*76.57*	
08 14 16 00-0624	EA	3'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	579.45	74.36
		For Stave Lumber Core (SLC), Add	*323.05*	
		For Structural Composite Lumber Core (SCLC), Add	*193.83*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*51.69*	
		For >50 To 100, Deduct	*-32.69*	
		For >100, Deduct	*-47.18*	
		For 9' Door Height, Add	*90.45*	
08 14 16 00-0625	EA	3'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	601.02	74.36
		For Stave Lumber Core (SLC), Add	*339.23*	
		For Structural Composite Lumber Core (SCLC), Add	*203.54*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*54.28*	
		For >50 To 100, Deduct	*-33.77*	
		For >100, Deduct	*-48.79*	
		For 9' Door Height, Add	*94.98*	
08 14 16 00-0626	EA	4'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	644.07	74.36
		For Stave Lumber Core (SLC), Add	*371.51*	
		For Structural Composite Lumber Core (SCLC), Add	*222.91*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*59.44*	
		For >50 To 100, Deduct	*-35.92*	
		For >100, Deduct	*-52.02*	
		For 9' Door Height, Add	*104.02*	

08 14 16 00-0627 Manufacturer Prefinished Options For Flush Wood Doors *(08 14 16)*

08 14 16 00-0628	EA	Two Coats, Clear Or Colored Catalyzed Polyurethane Factory Finish For Flush Wood Door Note: Includes (2) coats any standard manufacturer color on six sides.	74.13	
		For Custom Color To Match Non-Standard Manufacturer Finish, Add	*24.69*	
08 14 16 00-0629	EA	Three Coats, Clear Or Colored Catalyzed Polyurethane Factory Finish For Flush Wood Door Note: Includes (3) coats any standard manufacturer color on six sides.	111.20	
		For Custom Color To Match Non-Standard Manufacturer Finish, Add	*24.69*	

08 14 16 00-0630 Semicircular Head Door, 1-3/4" Thick, Particleboard Core (PC), Wood Doors *(08 14 16)*

08 14 16 00-0631	EA	2' x 6'-9" x 1-3/4" Thick, Particleboard Core, Semicircular Head Birch Faced Wood Door	2,232.44	52.35
08 14 16 00-0632	EA	2'-4" x 6'-9" x 1-3/4" Thick, Particleboard Core, Semicircular Head Birch Faced Wood Door	2,232.44	163.36
08 14 16 00-0633	EA	2'-6" x 6'-9" x 1-3/4" Thick, Particleboard Core, Semicircular Head Birch Faced Wood Door	2,232.44	52.35

08 14 23 Clad Wood Doors *(08 14)*

08 14 23 13 Metal-Faced Wood Doors *(08 14 23)*

See CSI section 08 70 00 00-0000 for finish hardware.

08 14 23 13-0001 24 Gauge Metal Clad Door, 1-3/4" Thick, Solid Staved Wood Core *(08 14 23 13)*

08 14 23 13-0002	EA	2' 6" x 7' x 1-3/4" Thick, 24 Gauge Metal Clad, Solid Staved Wood Core, Flush Type Door	651.96	146.35
08 14 23 13-0003	EA	2' 8" x 7' x 1-3/4" Thick, 24 Gauge Metal Clad, Solid Staved Wood Core, Flush Type Door	698.77	160.62
08 14 23 13-0004	EA	2' 10" x 7' x 1-3/4" Thick, 24 Gauge Metal Clad, Solid Staved Wood Core, Flush Type Door	753.05	177.28
08 14 23 13-0005	EA	3'-0" x 7' x 1-3/4" Thick, 24 Gauge Metal Clad, Solid Staved Wood Core, Flush Type Door	785.81	183.22
08 14 23 13-0006	EA	3' 4" x 7' x 1-3/4" Thick, 24 Gauge Metal Clad, Solid Staved Wood Core, Flush Type Door	843.52	201.66
08 14 23 13-0007	EA	3' 8" x 7' x 1-3/4" Thick, Metal Clad Door, Solid Staved Wood Core, Flush Type Door	908.96	208.21

08 14 23 16 Plastic-Laminate-Faced Wood Doors *(08 14 23)*

08 14 23 16-0001 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Doors *(08 14 23 16)*

Note: PC = Particleboard, medium-density fiberboard (MDF), or agrifiber core, solid core door with stiles and rails bonded to the core and abrasive planed flat prior to the application of the faces.

08 14 23 16-0002	EA	2'-0" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	302.23	65.43
		For Structural Composite Lumber Core (SCLC), Add	*77.11*	
		For 5 Ply Construction, Add	*6.00*	
		For >50 To 100, Deduct	*-18.38*	
		For >100, Deduct	*-25.94*	
08 14 23 16-0003	EA	2'-4" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	302.23	65.43
		For Structural Composite Lumber Core (SCLC), Add	*77.11*	
		For 5 Ply Construction, Add	*6.00*	
		For >50 To 100, Deduct	*-18.38*	
		For >100, Deduct	*-25.94*	
08 14 23 16-0004	EA	2'-6" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	317.60	68.41
		For Structural Composite Lumber Core (SCLC), Add	*81.35*	
		For 5 Ply Construction, Add	*6.33*	
		For >50 To 100, Deduct	*-19.30*	
		For >100, Deduct	*-27.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 23 16-0005	EA	2'-8" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	327.02	68.41
		For Structural Composite Lumber Core (SCLC), Add	*85.59*	
		For 5 Ply Construction, Add	*6.66*	
		For >50 To 100, Deduct	*-19.77*	
		For >100, Deduct	*-27.95*	
08 14 23 16-0006	EA	2'-10" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	331.78	68.41
		For Structural Composite Lumber Core (SCLC), Add	*87.73*	
		For 5 Ply Construction, Add	*6.82*	
		For >50 To 100, Deduct	*-20.01*	
		For >100, Deduct	*-28.30*	
08 14 23 16-0007	EA	3'-0" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	342.46	71.38
		For Structural Composite Lumber Core (SCLC), Add	*89.86*	
		For 5 Ply Construction, Add	*6.99*	
		For >50 To 100, Deduct	*-20.69*	
		For >100, Deduct	*-29.25*	
08 14 23 16-0008	EA	3'-4" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	364.42	71.38
		For Structural Composite Lumber Core (SCLC), Add	*99.74*	
		For 5 Ply Construction, Add	*7.76*	
		For >50 To 100, Deduct	*-21.79*	
		For >100, Deduct	*-30.90*	
08 14 23 16-0009	EA	3'-6" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	384.55	74.36
		For Structural Composite Lumber Core (SCLC), Add	*106.12*	
		For 5 Ply Construction, Add	*8.25*	
		For >50 To 100, Deduct	*-22.95*	
		For >100, Deduct	*-32.56*	
08 14 23 16-0010	EA	2'-0" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	312.20	65.43
		For Structural Composite Lumber Core (SCLC), Add	*81.59*	
		For 5 Ply Construction, Add	*6.35*	
		For >50 To 100, Deduct	*-18.88*	
		For >100, Deduct	*-26.69*	
08 14 23 16-0011	EA	2'-4" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	312.20	65.43
		For Structural Composite Lumber Core (SCLC), Add	*81.59*	
		For 5 Ply Construction, Add	*6.35*	
		For >50 To 100, Deduct	*-18.88*	
		For >100, Deduct	*-26.69*	
08 14 23 16-0012	EA	2'-6" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	328.12	68.41
		For Structural Composite Lumber Core (SCLC), Add	*86.09*	
		For 5 Ply Construction, Add	*6.70*	
		For >50 To 100, Deduct	*-19.83*	
		For >100, Deduct	*-28.03*	
08 14 23 16-0013	EA	2'-8" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	338.09	68.41
		For Structural Composite Lumber Core (SCLC), Add	*90.57*	
		For 5 Ply Construction, Add	*7.04*	
		For >50 To 100, Deduct	*-20.33*	
		For >100, Deduct	*-28.78*	
08 14 23 16-0014	EA	2'-10" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	343.12	68.41
		For Structural Composite Lumber Core (SCLC), Add	*92.84*	
		For 5 Ply Construction, Add	*7.22*	
		For >50 To 100, Deduct	*-20.58*	
		For >100, Deduct	*-29.15*	
08 14 23 16-0015	EA	3'-0" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	354.08	71.38
		For Structural Composite Lumber Core (SCLC), Add	*95.09*	
		For 5 Ply Construction, Add	*7.40*	
		For >50 To 100, Deduct	*-21.27*	
		For >100, Deduct	*-30.13*	
08 14 23 16-0016	EA	3'-4" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	377.31	71.38
		For Structural Composite Lumber Core (SCLC), Add	*105.54*	
		For 5 Ply Construction, Add	*8.21*	
		For >50 To 100, Deduct	*-22.43*	
		For >100, Deduct	*-31.87*	
08 14 23 16-0017	EA	3'-6" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	398.27	74.36
		For Structural Composite Lumber Core (SCLC), Add	*112.30*	
		For 5 Ply Construction, Add	*8.73*	
		For >50 To 100, Deduct	*-23.63*	
		For >100, Deduct	*-33.59*	
08 14 23 16-0018	EA	2'-0" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	347.56	65.43
		For Structural Composite Lumber Core (SCLC), Add	*97.51*	
		For 5 Ply Construction, Add	*7.58*	
		For >50 To 100, Deduct	*-20.65*	
		For >100, Deduct	*-29.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 23 16-0019	EA	2'-4" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	347.56	65.43
		For Structural Composite Lumber Core (SCLC), Add	*97.51*	
		For 5 Ply Construction, Add	*7.58*	
		For >50 To 100, Deduct	*-20.65*	
		For >100, Deduct	*-29.34*	
08 14 23 16-0020	EA	2'-6" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	365.43	68.41
		For Structural Composite Lumber Core (SCLC), Add	*102.87*	
		For 5 Ply Construction, Add	*8.00*	
		For >50 To 100, Deduct	*-21.69*	
		For >100, Deduct	*-30.83*	
08 14 23 16-0021	EA	2'-8" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	377.34	68.41
		For Structural Composite Lumber Core (SCLC), Add	*108.23*	
		For 5 Ply Construction, Add	*8.42*	
		For >50 To 100, Deduct	*-22.29*	
		For >100, Deduct	*-31.72*	
08 14 23 16-0022	EA	2'-10" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	383.35	68.41
		For Structural Composite Lumber Core (SCLC), Add	*110.94*	
		For 5 Ply Construction, Add	*8.63*	
		For >50 To 100, Deduct	*-22.59*	
		For >100, Deduct	*-32.17*	
08 14 23 16-0023	EA	3'-0" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	395.29	71.38
		For Structural Composite Lumber Core (SCLC), Add	*113.63*	
		For 5 Ply Construction, Add	*8.84*	
		For >50 To 100, Deduct	*-23.33*	
		For >100, Deduct	*-33.22*	
08 14 23 16-0024	EA	3'-4" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	423.05	71.38
		For Structural Composite Lumber Core (SCLC), Add	*126.13*	
		For 5 Ply Construction, Add	*9.81*	
		For >50 To 100, Deduct	*-24.72*	
		For >100, Deduct	*-35.30*	
08 14 23 16-0025	EA	3'-6" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	446.93	74.36
		For Structural Composite Lumber Core (SCLC), Add	*134.19*	
		For 5 Ply Construction, Add	*10.44*	
		For >50 To 100, Deduct	*-26.06*	
		For >100, Deduct	*-37.24*	

08 14 23 16-0026 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Doors *(08 14 23 16)*

Note: PC = Particleboard, medium-density fiberboard (MDF), or agrifiber core, solid core door with stiles and rails bonded to the core and abrasive planed flat prior to the application of the faces.

08 14 23 16-0027	EA	2'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	422.81	65.43
		For 5 Ply Construction, Add	*10.22*	
		For Stave Lumber Core (SLC), Add	*218.95*	
		For Structural Composite Lumber Core (SCLC), Add	*131.37*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*35.03*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*157.64*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*218.95*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*350.32*	
		For >50 To 100, Deduct	*-24.41*	
		For >100, Deduct	*-34.98*	
08 14 23 16-0028	EA	2'-4" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	422.80	65.43
		For 5 Ply Construction, Add	*10.22*	
		For Stave Lumber Core (SLC), Add	*218.94*	
		For Structural Composite Lumber Core (SCLC), Add	*131.36*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*35.03*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*157.64*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*218.94*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*350.30*	
		For >50 To 100, Deduct	*-24.41*	
		For >100, Deduct	*-34.98*	
08 14 23 16-0029	EA	2'-6" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	437.87	68.41
		For 5 Ply Construction, Add	*10.54*	
		For Stave Lumber Core (SLC), Add	*225.79*	
		For Structural Composite Lumber Core (SCLC), Add	*135.47*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*36.13*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*162.57*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*225.79*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*361.26*	
		For >50 To 100, Deduct	*-25.31*	
		For >100, Deduct	*-36.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 23 16-0030	EA	2'-8" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	437.87	68.41
		For 5 Ply Construction, Add	*10.54*	
		For Stave Lumber Core (SLC), Add	*225.79*	
		For Structural Composite Lumber Core (SCLC), Add	*135.47*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*36.13*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*162.57*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*225.79*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*361.26*	
		For >50 To 100, Deduct	*-25.31*	
		For >100, Deduct	*-36.26*	
08 14 23 16-0031	EA	2'-10" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	455.95	68.41
		For 5 Ply Construction, Add	*11.17*	
		For Stave Lumber Core (SLC), Add	*239.35*	
		For Structural Composite Lumber Core (SCLC), Add	*143.61*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*38.30*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*172.33*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*239.35*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*382.96*	
		For >50 To 100, Deduct	*-26.22*	
		For >100, Deduct	*-37.62*	
08 14 23 16-0032	EA	3'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	479.98	71.38
		For 5 Ply Construction, Add	*11.80*	
		For Stave Lumber Core (SLC), Add	*252.91*	
		For Structural Composite Lumber Core (SCLC), Add	*151.74*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*40.47*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*182.09*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*252.91*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*404.65*	
		For >50 To 100, Deduct	*-27.57*	
		For >100, Deduct	*-39.57*	
08 14 23 16-0033	EA	3'-4" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	498.46	71.38
		For 5 Ply Construction, Add	*12.45*	
		For Stave Lumber Core (SLC), Add	*266.77*	
		For Structural Composite Lumber Core (SCLC), Add	*160.06*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*42.68*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*192.07*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*266.77*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*426.83*	
		For >50 To 100, Deduct	*-28.49*	
		For >100, Deduct	*-40.95*	
08 14 23 16-0034	EA	3'-6" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	513.64	74.36
		For 5 Ply Construction, Add	*12.77*	
		For Stave Lumber Core (SLC), Add	*273.69*	
		For Structural Composite Lumber Core (SCLC), Add	*164.21*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*43.79*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*197.06*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*273.69*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*437.90*	
		For >50 To 100, Deduct	*-29.40*	
		For >100, Deduct	*-42.24*	
08 14 23 16-0035	EA	3'-8" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	531.88	74.36
		For 5 Ply Construction, Add	*13.41*	
		For Stave Lumber Core (SLC), Add	*287.37*	
		For Structural Composite Lumber Core (SCLC), Add	*172.42*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*45.98*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*206.91*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*287.37*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*459.79*	
		For >50 To 100, Deduct	*-30.31*	
		For >100, Deduct	*-43.61*	
08 14 23 16-0036	EA	4'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	580.27	80.31
		For 5 Ply Construction, Add	*14.69*	
		For Stave Lumber Core (SLC), Add	*314.74*	
		For Structural Composite Lumber Core (SCLC), Add	*188.84*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*50.36*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*226.61*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*314.74*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*503.58*	
		For >50 To 100, Deduct	*-33.03*	
		For >100, Deduct	*-47.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 23 16-0037	EA	2'-0" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	439.80	65.43
		For 5 Ply Construction, Add	*10.81*	
		For Stave Lumber Core (SLC), Add	*231.69*	
		For Structural Composite Lumber Core (SCLC), Add	*139.01*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*37.07*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*166.82*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*231.69*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*370.70*	
		For >50 To 100, Deduct	*-25.26*	
		For >100, Deduct	*-36.26*	
08 14 23 16-0038	EA	2'-4" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	439.79	65.43
		For 5 Ply Construction, Add	*10.81*	
		For Stave Lumber Core (SLC), Add	*231.68*	
		For Structural Composite Lumber Core (SCLC), Add	*139.01*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*37.07*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*166.81*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*231.68*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*370.69*	
		For >50 To 100, Deduct	*-25.26*	
		For >100, Deduct	*-36.26*	
08 14 23 16-0039	EA	2'-6" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	455.40	68.41
		For 5 Ply Construction, Add	*11.15*	
		For Stave Lumber Core (SLC), Add	*238.94*	
		For Structural Composite Lumber Core (SCLC), Add	*143.36*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*38.23*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*172.03*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*238.94*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*382.30*	
		For >50 To 100, Deduct	*-26.19*	
		For >100, Deduct	*-37.58*	
08 14 23 16-0040	EA	2'-8" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	455.40	68.41
		For 5 Ply Construction, Add	*11.15*	
		For Stave Lumber Core (SLC), Add	*238.94*	
		For Structural Composite Lumber Core (SCLC), Add	*143.36*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*38.23*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*172.03*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*238.94*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*382.30*	
		For >50 To 100, Deduct	*-26.19*	
		For >100, Deduct	*-37.58*	
08 14 23 16-0041	EA	2'-10" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	474.53	68.41
		For 5 Ply Construction, Add	*11.82*	
		For Stave Lumber Core (SLC), Add	*253.28*	
		For Structural Composite Lumber Core (SCLC), Add	*151.97*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*40.53*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*182.36*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*253.28*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*405.25*	
		For >50 To 100, Deduct	*-27.15*	
		For >100, Deduct	*-39.01*	
08 14 23 16-0042	EA	3'-0" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	499.61	71.38
		For 5 Ply Construction, Add	*12.49*	
		For Stave Lumber Core (SLC), Add	*267.63*	
		For Structural Composite Lumber Core (SCLC), Add	*160.58*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*42.82*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*192.69*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*267.63*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*428.21*	
		For >50 To 100, Deduct	*-28.55*	
		For >100, Deduct	*-41.04*	
08 14 23 16-0043	EA	3'-4" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	519.15	71.38
		For 5 Ply Construction, Add	*13.17*	
		For Stave Lumber Core (SLC), Add	*282.29*	
		For Structural Composite Lumber Core (SCLC), Add	*169.37*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*45.17*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*203.25*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*282.29*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*451.66*	
		For >50 To 100, Deduct	*-29.53*	
		For >100, Deduct	*-42.51*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 23 16-0044	EA	3'-6" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	534.87	74.36
		For 5 Ply Construction, Add	*13.52*	
		For Stave Lumber Core (SLC), Add	*289.61*	
		For Structural Composite Lumber Core (SCLC), Add	*173.77*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*46.34*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*208.52*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*289.61*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*463.38*	
		For >50 To 100, Deduct	*-30.46*	
		For >100, Deduct	*-43.83*	
08 14 23 16-0045	EA	3'-8" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	554.18	74.36
		For 5 Ply Construction, Add	*14.19*	
		For Stave Lumber Core (SLC), Add	*304.10*	
		For Structural Composite Lumber Core (SCLC), Add	*182.46*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*48.66*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*218.95*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*304.10*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*486.55*	
		For >50 To 100, Deduct	*-31.43*	
		For >100, Deduct	*-45.28*	
08 14 23 16-0046	EA	4'-0" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	604.69	80.31
		For 5 Ply Construction, Add	*15.54*	
		For Stave Lumber Core (SLC), Add	*333.05*	
		For Structural Composite Lumber Core (SCLC), Add	*199.83*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*53.29*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*239.80*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*333.05*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*532.88*	
		For >50 To 100, Deduct	*-34.25*	
		For >100, Deduct	*-49.37*	
08 14 23 16-0047	EA	2'-0" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	500.05	65.43
		For 5 Ply Construction, Add	*12.92*	
		For Stave Lumber Core (SLC), Add	*276.88*	
		For Structural Composite Lumber Core (SCLC), Add	*166.13*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*44.30*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*199.35*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*276.88*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*443.00*	
		For >50 To 100, Deduct	*-28.27*	
		For >100, Deduct	*-40.78*	
08 14 23 16-0048	EA	2'-4" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	500.03	65.43
		For 5 Ply Construction, Add	*12.92*	
		For Stave Lumber Core (SLC), Add	*276.86*	
		For Structural Composite Lumber Core (SCLC), Add	*166.12*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*44.30*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*199.34*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*276.86*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*442.98*	
		For >50 To 100, Deduct	*-28.27*	
		For >100, Deduct	*-40.77*	
08 14 23 16-0049	EA	2'-6" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	517.52	68.41
		For 5 Ply Construction, Add	*13.32*	
		For Stave Lumber Core (SLC), Add	*285.53*	
		For Structural Composite Lumber Core (SCLC), Add	*171.32*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*45.68*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*205.58*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*285.53*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*456.84*	
		For >50 To 100, Deduct	*-29.30*	
		For >100, Deduct	*-42.23*	
08 14 23 16-0050	EA	2'-8" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	517.52	68.41
		For 5 Ply Construction, Add	*13.32*	
		For Stave Lumber Core (SLC), Add	*285.53*	
		For Structural Composite Lumber Core (SCLC), Add	*171.32*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*45.68*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*205.58*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*285.53*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*456.84*	
		For >50 To 100, Deduct	*-29.30*	
		For >100, Deduct	*-42.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 23 16-0051	EA	2'-10" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	540.38	68.41
		For 5 Ply Construction, Add	*14.12*	
		For Stave Lumber Core (SLC), Add	*302.67*	
		For Structural Composite Lumber Core (SCLC), Add	*181.60*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*48.43*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*217.92*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*302.67*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*484.27*	
		For >50 To 100, Deduct	*-30.44*	
		For >100, Deduct	*-43.95*	
08 14 23 16-0052	EA	3'-0" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	569.20	71.38
		For 5 Ply Construction, Add	*14.93*	
		For Stave Lumber Core (SLC), Add	*319.82*	
		For Structural Composite Lumber Core (SCLC), Add	*191.89*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*51.17*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*230.27*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*319.82*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*511.72*	
		For >50 To 100, Deduct	*-32.03*	
		For >100, Deduct	*-46.26*	
08 14 23 16-0053	EA	3'-4" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	592.55	71.38
		For 5 Ply Construction, Add	*15.74*	
		For Stave Lumber Core (SLC), Add	*337.34*	
		For Structural Composite Lumber Core (SCLC), Add	*202.40*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*53.97*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*242.88*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*337.34*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*539.74*	
		For >50 To 100, Deduct	*-33.20*	
		For >100, Deduct	*-48.01*	
08 14 23 16-0054	EA	3'-6" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	610.17	74.36
		For 5 Ply Construction, Add	*16.15*	
		For Stave Lumber Core (SLC), Add	*346.09*	
		For Structural Composite Lumber Core (SCLC), Add	*207.65*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*55.37*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*249.18*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*346.09*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*553.74*	
		For >50 To 100, Deduct	*-34.23*	
		For >100, Deduct	*-49.48*	
08 14 23 16-0055	EA	3'-8" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	633.23	74.36
		For 5 Ply Construction, Add	*16.96*	
		For Stave Lumber Core (SLC), Add	*363.38*	
		For Structural Composite Lumber Core (SCLC), Add	*218.03*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*58.14*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*261.64*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*363.38*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*581.41*	
		For >50 To 100, Deduct	*-35.38*	
		For >100, Deduct	*-51.21*	
08 14 23 16-0056	EA	4'-0" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	691.29	80.31
		For 5 Ply Construction, Add	*18.57*	
		For Stave Lumber Core (SLC), Add	*398.00*	
		For Structural Composite Lumber Core (SCLC), Add	*238.80*	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*63.68*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*286.56*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*398.00*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*636.80*	
		For >50 To 100, Deduct	*-38.58*	
		For >100, Deduct	*-55.86*	

08 14 23 19 Molded-Hardboard-Faced Wood Doors *(08 14 23)*

08 14 23 19-0001 1-3/8" Thick, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Doors *(08 14 23 19)*

08 14 23 19-0002	EA	2'-0" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	222.99	65.43
		For >50 To 100, Deduct	*-14.42*	
		For >100, Deduct	*-20.00*	
08 14 23 19-0003	EA	2'-4" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	222.99	65.43
		For >50 To 100, Deduct	*-14.42*	
		For >100, Deduct	*-20.00*	
08 14 23 19-0004	EA	2'-6" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	235.64	68.41
		For >50 To 100, Deduct	*-15.20*	
		For >100, Deduct	*-21.09*	
08 14 23 19-0005	EA	2'-8" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	238.84	68.41
		For >50 To 100, Deduct	*-15.36*	
		For >100, Deduct	*-21.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 23 19-0006	EA	2'-10" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	242.02	68.41
		For >50 To 100, Deduct	*-15.52*	
		For >100, Deduct	*-21.57*	
08 14 23 19-0007	EA	3'-0" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	251.17	71.38
		For >50 To 100, Deduct	*-16.13*	
		For >100, Deduct	*-22.41*	
08 14 23 19-0008	EA	3'-4" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	263.07	71.38
		For >50 To 100, Deduct	*-16.72*	
		For >100, Deduct	*-23.30*	
08 14 23 19-0009	EA	3'-6" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	276.73	74.36
		For >50 To 100, Deduct	*-17.55*	
		For >100, Deduct	*-24.47*	
08 14 23 19-0010	EA	2'-0" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	228.34	65.43
		For >50 To 100, Deduct	*-14.69*	
		For >100, Deduct	*-20.40*	
08 14 23 19-0011	EA	2'-4" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	228.34	65.43
		For >50 To 100, Deduct	*-14.69*	
		For >100, Deduct	*-20.40*	
08 14 23 19-0012	EA	2'-6" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	241.40	68.41
		For >50 To 100, Deduct	*-15.49*	
		For >100, Deduct	*-21.53*	
08 14 23 19-0013	EA	2'-8" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	244.77	68.41
		For >50 To 100, Deduct	*-15.66*	
		For >100, Deduct	*-21.78*	
08 14 23 19-0014	EA	2'-10" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	248.14	68.41
		For >50 To 100, Deduct	*-15.83*	
		For >100, Deduct	*-22.03*	
08 14 23 19-0015	EA	3'-0" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	257.46	71.38
		For >50 To 100, Deduct	*-16.44*	
		For >100, Deduct	*-22.88*	
08 14 23 19-0016	EA	3'-4" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	270.06	71.38
		For >50 To 100, Deduct	*-17.07*	
		For >100, Deduct	*-23.82*	
08 14 23 19-0017	EA	3'-6" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	284.16	74.36
		For >50 To 100, Deduct	*-17.93*	
		For >100, Deduct	*-25.03*	
08 14 23 19-0018	EA	2'-0" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	247.36	65.43
		For >50 To 100, Deduct	*-15.64*	
		For >100, Deduct	*-21.82*	
08 14 23 19-0019	EA	2'-4" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	247.36	65.43
		For >50 To 100, Deduct	*-15.64*	
		For >100, Deduct	*-21.82*	
08 14 23 19-0020	EA	2'-6" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	261.80	68.41
		For >50 To 100, Deduct	*-16.51*	
		For >100, Deduct	*-23.06*	
08 14 23 19-0021	EA	2'-8" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	265.82	68.41
		For >50 To 100, Deduct	*-16.71*	
		For >100, Deduct	*-23.36*	
08 14 23 19-0022	EA	2'-10" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	269.86	68.41
		For >50 To 100, Deduct	*-16.91*	
		For >100, Deduct	*-23.66*	
08 14 23 19-0023	EA	3'-0" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	279.83	71.38
		For >50 To 100, Deduct	*-17.56*	
		For >100, Deduct	*-24.56*	
08 14 23 19-0024	EA	3'-4" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	294.88	71.38
		For >50 To 100, Deduct	*-18.31*	
		For >100, Deduct	*-25.69*	
08 14 23 19-0025	EA	3'-6" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	310.57	74.36
		For >50 To 100, Deduct	*-19.25*	
		For >100, Deduct	*-27.01*	

08 14 23 19-0026 1-3/4" Thick, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Doors *(08 14 23 19)*

08 14 23 19-0027	EA	2'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	245.65	65.43
		For >50 To 100, Deduct	*-15.55*	
		For >100, Deduct	*-21.70*	
08 14 23 19-0028	EA	2'-4" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	245.65	65.43
		For >50 To 100, Deduct	*-15.55*	
		For >100, Deduct	*-21.70*	
08 14 23 19-0029	EA	2'-6" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	254.76	68.41
		For >50 To 100, Deduct	*-16.16*	
		For >100, Deduct	*-22.53*	
08 14 23 19-0030	EA	2'-8" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	261.16	68.41
		For >50 To 100, Deduct	*-16.48*	
		For >100, Deduct	*-23.01*	
08 14 23 19-0031	EA	2'-10" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	264.36	68.41
		For >50 To 100, Deduct	*-16.64*	
		For >100, Deduct	*-23.25*	
08 14 23 19-0032	EA	3'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	273.45	71.38
		For >50 To 100, Deduct	*-17.24*	
		For >100, Deduct	*-24.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 23 19-0033	EA	3'-4" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	280.74	71.38
		For >50 To 100, Deduct	*-17.61*	
		For >100, Deduct	*-24.62*	
08 14 23 19-0034	EA	3'-6" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	310.40	74.36
		For >50 To 100, Deduct	*-19.24*	
		For >100, Deduct	*-27.00*	
08 14 23 19-0035	EA	3'-8" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	318.48	74.36
		For >50 To 100, Deduct	*-19.64*	
		For >100, Deduct	*-27.60*	
08 14 23 19-0036	EA	4'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	334.67	74.36
		For >50 To 100, Deduct	*-20.45*	
		For >100, Deduct	*-28.82*	
08 14 23 19-0037	EA	2'-0" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	252.32	65.43
		For >50 To 100, Deduct	*-15.89*	
		For >100, Deduct	*-22.20*	
08 14 23 19-0038	EA	2'-4" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	252.32	65.43
		For >50 To 100, Deduct	*-15.89*	
		For >100, Deduct	*-22.20*	
08 14 23 19-0039	EA	2'-6" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	261.63	68.41
		For >50 To 100, Deduct	*-16.50*	
		For >100, Deduct	*-23.04*	
08 14 23 19-0040	EA	2'-8" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	268.40	68.41
		For >50 To 100, Deduct	*-16.84*	
		For >100, Deduct	*-23.55*	
08 14 23 19-0041	EA	2'-10" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	271.77	68.41
		For >50 To 100, Deduct	*-17.01*	
		For >100, Deduct	*-23.80*	
08 14 23 19-0042	EA	3'-0" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	281.07	71.38
		For >50 To 100, Deduct	*-17.62*	
		For >100, Deduct	*-24.65*	
08 14 23 19-0043	EA	3'-4" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	288.78	71.38
		For >50 To 100, Deduct	*-18.01*	
		For >100, Deduct	*-25.23*	
08 14 23 19-0044	EA	3'-6" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	319.82	74.36
		For >50 To 100, Deduct	*-19.71*	
		For >100, Deduct	*-27.70*	
08 14 23 19-0045	EA	3'-8" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	328.37	74.36
		For >50 To 100, Deduct	*-20.14*	
		For >100, Deduct	*-28.35*	
08 14 23 19-0046	EA	4'-0" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	345.48	74.36
		For >50 To 100, Deduct	*-20.99*	
		For >100, Deduct	*-29.63*	
08 14 23 19-0047	EA	2'-0" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	275.99	65.43
		For >50 To 100, Deduct	*-17.07*	
		For >100, Deduct	*-23.97*	
08 14 23 19-0048	EA	2'-4" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	275.99	65.43
		For >50 To 100, Deduct	*-17.07*	
		For >100, Deduct	*-23.97*	
08 14 23 19-0049	EA	2'-6" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	285.97	68.41
		For >50 To 100, Deduct	*-17.72*	
		For >100, Deduct	*-24.87*	
08 14 23 19-0050	EA	2'-8" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	294.06	68.41
		For >50 To 100, Deduct	*-18.12*	
		For >100, Deduct	*-25.48*	
08 14 23 19-0051	EA	2'-10" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	298.07	68.41
		For >50 To 100, Deduct	*-18.32*	
		For >100, Deduct	*-25.78*	
08 14 23 19-0052	EA	3'-0" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	308.04	71.38
		For >50 To 100, Deduct	*-18.97*	
		For >100, Deduct	*-26.67*	
08 14 23 19-0053	EA	3'-4" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	317.24	71.38
		For >50 To 100, Deduct	*-19.43*	
		For >100, Deduct	*-27.36*	
08 14 23 19-0054	EA	3'-6" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	353.19	74.36
		For >50 To 100, Deduct	*-21.38*	
		For >100, Deduct	*-30.21*	
08 14 23 19-0055	EA	3'-8" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	363.40	74.36
		For >50 To 100, Deduct	*-21.89*	
		For >100, Deduct	*-30.97*	
08 14 23 19-0056	EA	4'-0" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	383.86	74.36
		For >50 To 100, Deduct	*-22.91*	
		For >100, Deduct	*-32.51*	

08 14 23 19-0057 1-3/8" Thick, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Doors *(08 14 23 19)*

Note: PC = Particleboard, medium-density fiberboard (MDF), or agrifiber core, solid core door with stiles and rails bonded to the core and abrasive planed flat prior to the application of the faces.

08 14 23 19-0058	EA	2'-0" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	261.72	65.43
		For >50 To 100, Deduct	*-16.36*	
		For >100, Deduct	*-22.90*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 23 19-0059	EA	2'-4" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	261.72	65.43
		For >50 To 100, Deduct	*-16.36*	
		For >100, Deduct	*-22.90*	
08 14 23 19-0060	EA	2'-6" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	275.26	68.41
		For >50 To 100, Deduct	*-17.18*	
		For >100, Deduct	*-24.07*	
08 14 23 19-0061	EA	2'-8" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	282.84	68.41
		For >50 To 100, Deduct	*-17.56*	
		For >100, Deduct	*-24.63*	
08 14 23 19-0062	EA	2'-10" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	284.23	68.41
		For >50 To 100, Deduct	*-17.63*	
		For >100, Deduct	*-24.74*	
08 14 23 19-0063	EA	3'-0" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	291.60	71.38
		For >50 To 100, Deduct	*-18.15*	
		For >100, Deduct	*-25.44*	
08 14 23 19-0064	EA	3'-4" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	308.01	71.38
		For >50 To 100, Deduct	*-18.97*	
		For >100, Deduct	*-26.67*	
08 14 23 19-0065	EA	3'-6" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	343.90	74.36
		For >50 To 100, Deduct	*-20.91*	
		For >100, Deduct	*-29.51*	
08 14 23 19-0066	EA	2'-0" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	269.35	65.43
		For >50 To 100, Deduct	*-16.74*	
		For >100, Deduct	*-23.47*	
08 14 23 19-0067	EA	2'-4" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	269.35	65.43
		For >50 To 100, Deduct	*-16.74*	
		For >100, Deduct	*-23.47*	
08 14 23 19-0068	EA	2'-6" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	283.32	68.41
		For >50 To 100, Deduct	*-17.59*	
		For >100, Deduct	*-24.67*	
08 14 23 19-0069	EA	2'-8" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	291.33	68.41
		For >50 To 100, Deduct	*-17.99*	
		For >100, Deduct	*-25.27*	
08 14 23 19-0070	EA	2'-10" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	292.82	68.41
		For >50 To 100, Deduct	*-18.06*	
		For >100, Deduct	*-25.38*	
08 14 23 19-0071	EA	3'-0" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	300.26	71.38
		For >50 To 100, Deduct	*-18.58*	
		For >100, Deduct	*-26.09*	
08 14 23 19-0072	EA	3'-4" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	317.64	71.38
		For >50 To 100, Deduct	*-19.45*	
		For >100, Deduct	*-27.39*	
08 14 23 19-0073	EA	3'-6" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	355.26	74.36
		For >50 To 100, Deduct	*-21.48*	
		For >100, Deduct	*-30.36*	
08 14 23 19-0074	EA	2'-0" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	296.35	65.43
		For >50 To 100, Deduct	*-18.09*	
		For >100, Deduct	*-25.50*	
08 14 23 19-0075	EA	2'-4" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	296.35	65.43
		For >50 To 100, Deduct	*-18.09*	
		For >100, Deduct	*-25.50*	
08 14 23 19-0076	EA	2'-6" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	311.89	68.41
		For >50 To 100, Deduct	*-19.02*	
		For >100, Deduct	*-26.81*	
08 14 23 19-0077	EA	2'-8" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	321.46	68.41
		For >50 To 100, Deduct	*-19.49*	
		For >100, Deduct	*-27.53*	
08 14 23 19-0078	EA	2'-10" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	323.23	68.41
		For >50 To 100, Deduct	*-19.58*	
		For >100, Deduct	*-27.66*	
08 14 23 19-0079	EA	3'-0" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	330.97	71.38
		For >50 To 100, Deduct	*-20.12*	
		For >100, Deduct	*-28.39*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 23 19-0080	EA	3'-4" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	351.74	71.38
		For >50 To 100, Deduct	*-21.16*	
		For >100, Deduct	*-29.95*	
08 14 23 19-0081	EA	3'-6" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	395.55	74.36
		For >50 To 100, Deduct	*-23.50*	
		For >100, Deduct	*-33.38*	

08 14 23 19-0082 1-3/4" Thick, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Doors *(08 14 23 19)*

Note: PC = Particleboard, medium-density fiberboard (MDF), or agrifiber core, solid core door with stiles and rails bonded to the core and abrasive planed flat prior to the application of the faces.

08 14 23 19-0083	EA	2'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	295.29	65.43
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*19.73*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*88.78*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*123.31*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*197.29*	
		For >50 To 100, Deduct	*-18.04*	
		For >100, Deduct	*-25.42*	
08 14 23 19-0084	EA	2'-4" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	295.29	65.43
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*19.73*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*88.78*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*123.31*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*197.29*	
		For >50 To 100, Deduct	*-18.04*	
		For >100, Deduct	*-25.42*	
08 14 23 19-0085	EA	2'-6" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	310.75	68.41
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*20.87*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*93.92*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*130.45*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*208.72*	
		For >50 To 100, Deduct	*-18.96*	
		For >100, Deduct	*-26.73*	
08 14 23 19-0086	EA	2'-8" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	320.25	68.41
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*22.01*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*99.05*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*137.57*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*220.12*	
		For >50 To 100, Deduct	*-19.43*	
		For >100, Deduct	*-27.44*	
08 14 23 19-0087	EA	2'-10" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	322.02	68.41
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*22.22*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*100.01*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*138.90*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*222.24*	
		For >50 To 100, Deduct	*-19.52*	
		For >100, Deduct	*-27.57*	
08 14 23 19-0088	EA	3'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	329.76	71.38
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*22.44*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*100.97*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*140.24*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*224.39*	
		For >50 To 100, Deduct	*-20.06*	
		For >100, Deduct	*-28.30*	
08 14 23 19-0089	EA	3'-4" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	350.37	71.38
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*24.91*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*112.10*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*155.70*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*249.12*	
		For >50 To 100, Deduct	*-21.09*	
		For >100, Deduct	*-29.85*	
08 14 23 19-0090	EA	3'-6" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	393.96	74.36
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*29.43*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*132.43*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*183.93*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*294.29*	
		For >50 To 100, Deduct	*-23.42*	
		For >100, Deduct	*-33.27*	
08 14 23 19-0091	EA	3'-8" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	406.24	74.36
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*30.90*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*139.06*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*193.14*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*309.02*	
		For >50 To 100, Deduct	*-24.03*	
		For >100, Deduct	*-34.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 23 19-0092	EA	4'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	430.74	74.36
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*33.84*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*152.29*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*211.52*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*338.42*	
		For >50 To 100, Deduct	*-25.26*	
		For >100, Deduct	*-36.02*	
08 14 23 19-0093	EA	2'-0" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	304.86	65.43
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*20.88*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*93.95*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*130.49*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*208.78*	
		For >50 To 100, Deduct	*-18.52*	
		For >100, Deduct	*-26.14*	
08 14 23 19-0094	EA	2'-4" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	304.86	65.43
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*20.88*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*93.95*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*130.49*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*208.78*	
		For >50 To 100, Deduct	*-18.52*	
		For >100, Deduct	*-26.14*	
08 14 23 19-0095	EA	2'-6" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	320.88	68.41
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*22.09*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*99.39*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*138.05*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*220.87*	
		For >50 To 100, Deduct	*-19.46*	
		For >100, Deduct	*-27.49*	
08 14 23 19-0096	EA	2'-8" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	330.94	68.41
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*23.29*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*104.82*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*145.59*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*232.94*	
		For >50 To 100, Deduct	*-19.97*	
		For >100, Deduct	*-28.24*	
08 14 23 19-0097	EA	2'-10" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	332.80	68.41
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*23.52*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*105.83*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*146.99*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*235.18*	
		For >50 To 100, Deduct	*-20.06*	
		For >100, Deduct	*-28.38*	
08 14 23 19-0098	EA	3'-0" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	340.65	71.38
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*23.75*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*106.86*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*148.41*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*237.46*	
		For >50 To 100, Deduct	*-20.60*	
		For >100, Deduct	*-29.12*	
08 14 23 19-0099	EA	3'-4" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	362.45	71.38
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*26.36*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*118.63*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*164.76*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*263.62*	
		For >50 To 100, Deduct	*-21.69*	
		For >100, Deduct	*-30.75*	
08 14 23 19-0100	EA	3'-6" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	408.23	74.36
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*31.14*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*140.14*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*194.63*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*311.41*	
		For >50 To 100, Deduct	*-24.13*	
		For >100, Deduct	*-34.34*	
08 14 23 19-0101	EA	3'-8" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	421.21	74.36
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*32.70*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*147.14*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*204.37*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*326.99*	
		For >50 To 100, Deduct	*-24.78*	
		For >100, Deduct	*-35.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 23 19-0102	EA	4'-0" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	447.16	74.36
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*35.81*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*161.16*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*223.83*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*358.13*	
		For >50 To 100, Deduct	*-26.08*	
		For >100, Deduct	*-37.26*	
08 14 23 19-0103	EA	2'-0" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	338.79	65.43
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*24.95*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*112.27*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*155.93*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*249.49*	
		For >50 To 100, Deduct	*-20.21*	
		For >100, Deduct	*-28.68*	
08 14 23 19-0104	EA	2'-4" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	338.79	65.43
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*24.95*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*112.27*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*155.93*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*249.49*	
		For >50 To 100, Deduct	*-20.21*	
		For >100, Deduct	*-28.68*	
08 14 23 19-0105	EA	2'-6" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	356.78	68.41
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*26.40*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*118.78*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*164.97*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*263.95*	
		For >50 To 100, Deduct	*-21.26*	
		For >100, Deduct	*-30.18*	
08 14 23 19-0106	EA	2'-8" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	368.80	68.41
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*27.84*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*125.27*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*173.99*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*278.38*	
		For >50 To 100, Deduct	*-21.86*	
		For >100, Deduct	*-31.08*	
08 14 23 19-0107	EA	2'-10" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	371.02	68.41
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*28.10*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*126.47*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*175.65*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*281.04*	
		For >50 To 100, Deduct	*-21.97*	
		For >100, Deduct	*-31.25*	
08 14 23 19-0108	EA	3'-0" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	379.24	71.38
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*28.38*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*127.69*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*177.35*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*283.76*	
		For >50 To 100, Deduct	*-22.53*	
		For >100, Deduct	*-32.01*	
08 14 23 19-0109	EA	3'-4" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	405.29	71.38
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*31.50*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*141.76*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*196.89*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*315.02*	
		For >50 To 100, Deduct	*-23.83*	
		For >100, Deduct	*-33.97*	
08 14 23 19-0110	EA	3'-6" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	458.82	74.36
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*37.21*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*167.45*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*232.58*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*372.12*	
		For >50 To 100, Deduct	*-26.66*	
		For >100, Deduct	*-38.13*	
08 14 23 19-0111	EA	3'-8" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	474.36	74.36
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*39.08*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*175.85*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*244.23*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*390.77*	
		For >50 To 100, Deduct	*-27.44*	
		For >100, Deduct	*-39.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 23 19-0112	EA	4'-0" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	505.35	74.36
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	*42.80*	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	*192.58*	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	*267.47*	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	*427.96*	
		For >50 To 100, Deduct	*-28.99*	
		For >100, Deduct	*-41.62*	

08 14 66 Wood Screen Doors *(08 14)*

08 14 66 00-0001 Wood Screen Storm Door, Residential Grade *(08 14 66)*

Note: Includes frame, trim, necessary anchors and usual hardware (closures, chain and spring, latching, screens, etc.).

08 14 66 00-0002	EA	2'-8" x 6'-8" x 1-3/8" Thick, Wood Screen Door, Residential, With Frame, Trim, Hardware	487.52	171.33
08 14 66 00-0003	EA	3' x 6'-8" x 1-3/8" Thick, Wood Screen Door, Residential, With Frame, Trim, Hardware	513.96	190.36
08 14 66 00-0004	EA	2'-8" x 7" x 1-3/8" Thick, Wood Screen Door, Residential, With Frame, Trim, Hardware	487.52	171.33
08 14 66 00-0005	EA	3' x 7' x 1-3/8" Thick, Wood Screen Door, Residential, With Frame, Trim, Hardware	513.96	190.36

08 14 73 Sliding Wood Doors *(08 14)*

08 14 73 00-0001 Sliding Pocket Door *(08 14 73)*

Note: Includes unfinished door, frame and trim, and all mounting and door hardware. See CSI section 08 14 73 00-0055 for accessories to be added.

08 14 73 00-0002 Birch Faced Pocket Door *(08 14 73 00-0001)*

Note: Includes door, frame and trim, and all mounting and door hardware.

08 14 73 00-0003 1-3/8" Thick, Birch Faced Wood Pocket Door *(08 14 73 00-0002)*

See CSI section 08 14 73 00-0055 for all jambs and track hardware.

08 14 73 00-0004 6'-8" High, 1-3/8" Thick, Birch Faced Wood Pocket Door *(08 14 73 00-0003)*

08 14 73 00-0005	EA	2'-0" x 6'-8" x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	492.35	41.64
		For Oak, Add	*112.91*	
		For Ash/Hickory, Add	*164.45*	
		For Walnut, Add	*239.72*	
		For Cherry, Add	*389.85*	
08 14 73 00-0006	EA	2'-4" x 6'-8" x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	508.22	44.62
		For Oak, Add	*115.64*	
		For Ash/Hickory, Add	*168.44*	
		For Walnut, Add	*245.53*	
		For Cherry, Add	*399.31*	
08 14 73 00-0007	EA	2'-6" x 6'-8" x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	526.55	47.59
		For Oak, Add	*119.07*	
		For Ash/Hickory, Add	*173.42*	
		For Walnut, Add	*252.80*	
		For Cherry, Add	*411.12*	
08 14 73 00-0008	EA	2'-8" x 6'-8" x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	539.94	50.57
		For Oak, Add	*121.12*	
		For Ash/Hickory, Add	*176.41*	
		For Walnut, Add	*257.16*	
		For Cherry, Add	*418.21*	
08 14 73 00-0009	EA	2'-10" x 6'-8" x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	558.30	53.54
		For Oak, Add	*124.54*	
		For Ash/Hickory, Add	*181.39*	
		For Walnut, Add	*264.42*	
		For Cherry, Add	*430.02*	
08 14 73 00-0010	EA	3'-0" x 6'-8" x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	574.16	56.52
		For Oak, Add	*127.28*	
		For Ash/Hickory, Add	*185.38*	
		For Walnut, Add	*270.23*	
		For Cherry, Add	*439.48*	
08 14 73 00-0011	EA	4' Wide, Two 2'-0" x 6'-8" x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	966.89	74.36
		For Oak, Add	*225.81*	
		For Ash/Hickory, Add	*328.90*	
		For Walnut, Add	*479.45*	
		For Cherry, Add	*779.72*	
08 14 73 00-0012	EA	5' Wide, Two 2'-6" x 6'-8" x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	1,023.41	80.31
		For Oak, Add	*238.13*	
		For Ash/Hickory, Add	*346.85*	
		For Walnut, Add	*505.60*	
		For Cherry, Add	*822.25*	
08 14 73 00-0013	EA	6' Wide, Two 3'-0" x 6'-8" x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	1,094.83	86.26
		For Oak, Add	*254.55*	
		For Ash/Hickory, Add	*370.76*	
		For Walnut, Add	*540.47*	
		For Cherry, Add	*878.95*	

08 14 73 00-0014 7' High, 1-3/8" Thick Birch Faced Wood Pocket Door *(08 14 73 00-0003)*

08 14 73 00-0015	EA	2'-0" x 7' x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	579.13	41.64
		For Oak, Add	*116.03*	
		For Ash/Hickory, Add	*116.03*	
		For Walnut, Add	*190.91*	
		For Cherry, Add	*358.51*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 73 00-0016	EA	2'-4" x 7' x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	607.39	44.62
		For Oak, Add	*121.25*	
		For Ash/Hickory, Add	*121.25*	
		For Walnut, Add	*199.50*	
		For Cherry, Add	*374.64*	
08 14 73 00-0017	EA	2'-6" x 7' x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	628.20	47.59
		For Oak, Add	*124.73*	
		For Ash/Hickory, Add	*124.73*	
		For Walnut, Add	*205.22*	
		For Cherry, Add	*385.40*	
08 14 73 00-0018	EA	2'-8" x 7' x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	646.55	50.57
		For Oak, Add	*127.64*	
		For Ash/Hickory, Add	*127.64*	
		For Walnut, Add	*210.00*	
		For Cherry, Add	*394.36*	
08 14 73 00-0019	EA	2'-10" x 7' x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	662.43	53.54
		For Oak, Add	*129.95*	
		For Ash/Hickory, Add	*129.95*	
		For Walnut, Add	*213.81*	
		For Cherry, Add	*401.53*	
08 14 73 00-0020	EA	3'-0" x 7' x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	683.25	56.52
		For Oak, Add	*133.44*	
		For Ash/Hickory, Add	*133.44*	
		For Walnut, Add	*219.54*	
		For Cherry, Add	*412.28*	
08 14 73 00-0021	EA	4' Wide, Two 2'-0" x 7' x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	1,140.44	74.36
		For Oak, Add	*232.06*	
		For Ash/Hickory, Add	*232.06*	
		For Walnut, Add	*381.81*	
		For Cherry, Add	*717.01*	
08 14 73 00-0022	EA	5' Wide, Two 2'-6" x 7' x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	1,226.71	80.31
		For Oak, Add	*249.47*	
		For Ash/Hickory, Add	*249.47*	
		For Walnut, Add	*410.45*	
		For Cherry, Add	*770.79*	
08 14 73 00-0023	EA	6' Wide, Two 3' x 7' x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	1,313.01	86.26
		For Oak, Add	*266.87*	
		For Ash/Hickory, Add	*266.87*	
		For Walnut, Add	*439.08*	
		For Cherry, Add	*824.57*	

08 14 73 00-0024 1-3/4" Thick, Birch Faced Wood Pocket Door *(08 14 73 00-0002)*

See CSI section 08 14 73 00-0055 for all jambs and track hardware.

08 14 73 00-0025 6'-8" High, 1-3/4" Thick Birch Faced Wood Pocket Door *(08 14 73 00-0024)*

08 14 73 00-0026	EA	2'-0" x 6'-8" x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	727.89	41.64
		For Oak, Add	*150.84*	
		For Ash/Hickory, Add	*150.84*	
		For Walnut, Add	*248.18*	
		For Cherry, Add	*466.06*	
08 14 73 00-0027	EA	2'-4" x 6'-8" x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	763.59	44.62
		For Oak, Add	*157.80*	
		For Ash/Hickory, Add	*157.80*	
		For Walnut, Add	*259.63*	
		For Cherry, Add	*487.57*	
08 14 73 00-0028	EA	2'-6" x 6'-8" x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	784.40	47.59
		For Oak, Add	*161.28*	
		For Ash/Hickory, Add	*161.28*	
		For Walnut, Add	*265.36*	
		For Cherry, Add	*498.33*	
08 14 73 00-0029	EA	2'-8" x 6'-8" x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	807.70	50.57
		For Oak, Add	*165.34*	
		For Ash/Hickory, Add	*165.34*	
		For Walnut, Add	*272.04*	
		For Cherry, Add	*510.87*	
08 14 73 00-0030	EA	2'-10" x 6'-8" x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	828.55	53.54
		For Oak, Add	*168.83*	
		For Ash/Hickory, Add	*168.83*	
		For Walnut, Add	*277.77*	
		For Cherry, Add	*521.63*	
08 14 73 00-0031	EA	3'-0" x 6'-8" x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	849.36	56.52
		For Oak, Add	*172.31*	
		For Ash/Hickory, Add	*172.31*	
		For Walnut, Add	*283.49*	
		For Cherry, Add	*532.38*	
08 14 73 00-0032	EA	4' Wide, Two 2'-0" x 6'-8" x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	1,437.96	74.36
		For Oak, Add	*301.68*	
		For Ash/Hickory, Add	*301.68*	
		For Walnut, Add	*496.36*	
		For Cherry, Add	*932.12*	
08 14 73 00-0033	EA	5' Wide, Two 2'-6" x 6'-8" x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	1,539.10	80.31
		For Oak, Add	*322.57*	
		For Ash/Hickory, Add	*322.57*	
		For Walnut, Add	*530.72*	
		For Cherry, Add	*996.65*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 73 00-0034	EA	6' Wide, Two 3'-0" x 6'-8" x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	1,645.23	86.26
		For Oak, Add	*344.61*	
		For Ash/Hickory, Add	*344.61*	
		For Walnut, Add	*566.99*	
		For Cherry, Add	*1,064.76*	

08 14 73 00-0035 7' High, 1-3/4" Thick Birch Faced Wood Pocket Door *(08 14 73 00-0024)*

08 14 73 00-0036	EA	2'-0" x 7' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	777.47	41.64
		For Oak, Add	*162.44*	
		For Ash/Hickory, Add	*162.44*	
		For Walnut, Add	*267.27*	
		For Cherry, Add	*501.91*	
08 14 73 00-0037	EA	2'-4" x 7' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	818.13	44.62
		For Oak, Add	*170.56*	
		For Ash/Hickory, Add	*170.56*	
		For Walnut, Add	*280.63*	
		For Cherry, Add	*527.00*	
08 14 73 00-0038	EA	2'-6" x 7' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	841.42	47.59
		For Oak, Add	*174.63*	
		For Ash/Hickory, Add	*174.63*	
		For Walnut, Add	*287.31*	
		For Cherry, Add	*539.55*	
08 14 73 00-0039	EA	2'-8" x 7' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	864.72	50.57
		For Oak, Add	*178.69*	
		For Ash/Hickory, Add	*178.69*	
		For Walnut, Add	*293.99*	
		For Cherry, Add	*552.10*	
08 14 73 00-0040	EA	2'-10" x 7' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	885.57	53.54
		For Oak, Add	*182.17*	
		For Ash/Hickory, Add	*182.17*	
		For Walnut, Add	*299.72*	
		For Cherry, Add	*562.86*	
08 14 73 00-0041	EA	3'-0" x 7' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	908.87	56.52
		For Oak, Add	*186.23*	
		For Ash/Hickory, Add	*186.23*	
		For Walnut, Add	*306.41*	
		For Cherry, Add	*575.41*	
08 14 73 00-0042	EA	4' Wide, Two 2'-0" x 7' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	1,537.13	74.36
		For Oak, Add	*324.89*	
		For Ash/Hickory, Add	*324.89*	
		For Walnut, Add	*534.54*	
		For Cherry, Add	*1,003.82*	
08 14 73 00-0043	EA	5' Wide, Two 2'-6" x 7' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	1,653.15	80.31
		For Oak, Add	*349.25*	
		For Ash/Hickory, Add	*349.25*	
		For Walnut, Add	*574.63*	
		For Cherry, Add	*1,079.11*	
08 14 73 00-0044	EA	6' Wide, Two 3'-0" x 7' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	1,764.24	86.26
		For Oak, Add	*372.46*	
		For Ash/Hickory, Add	*372.46*	
		For Walnut, Add	*612.81*	
		For Cherry, Add	*1,150.81*	

08 14 73 00-0045 8' High, 1-3/4" Thick Birch Faced Wood Pocket Door *(08 14 73 00-0024)*

08 14 73 00-0046	EA	2'-0" x 8' x 1-3/4" High Wood Pocket Door, Hollow Core, Birch Faced	827.06	41.64
		For Oak, Add	*174.05*	
		For Ash/Hickory, Add	*174.05*	
		For Walnut, Add	*286.36*	
		For Cherry, Add	*537.76*	
08 14 73 00-0047	EA	2'-4" x 8' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	867.72	44.62
		For Oak, Add	*182.17*	
		For Ash/Hickory, Add	*182.17*	
		For Walnut, Add	*299.72*	
		For Cherry, Add	*562.86*	
08 14 73 00-0048	EA	2'-6" x 8' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	893.48	47.59
		For Oak, Add	*186.81*	
		For Ash/Hickory, Add	*186.81*	
		For Walnut, Add	*307.36*	
		For Cherry, Add	*577.19*	
08 14 73 00-0049	EA	2'-8" x 8' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	919.27	50.57
		For Oak, Add	*191.45*	
		For Ash/Hickory, Add	*191.45*	
		For Walnut, Add	*315.00*	
		For Cherry, Add	*591.54*	
08 14 73 00-0050	EA	2'-10" x 8' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	940.11	53.54
		For Oak, Add	*194.93*	
		For Ash/Hickory, Add	*194.93*	
		For Walnut, Add	*320.72*	
		For Cherry, Add	*602.29*	
08 14 73 00-0051	EA	3'-0" x 8' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	965.89	56.52
		For Oak, Add	*199.57*	
		For Ash/Hickory, Add	*199.57*	
		For Walnut, Add	*328.36*	
		For Cherry, Add	*616.63*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 73 00-0052	EA	4' Wide, Two 2'-0" x 8' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	1,636.30	74.36
		For Oak, Add	*348.09*	
		For Ash/Hickory, Add	*348.09*	
		For Walnut, Add	*572.72*	
		For Cherry, Add	*1,075.52*	
08 14 73 00-0053	EA	5' Wide, Two 2'-6" x 8' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	1,757.28	80.31
		For Oak, Add	*373.62*	
		For Ash/Hickory, Add	*373.62*	
		For Walnut, Add	*614.72*	
		For Cherry, Add	*1,154.39*	
08 14 73 00-0054	EA	6' Wide, Two 3'-0" x 8' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	1,878.29	86.26
		For Oak, Add	*399.15*	
		For Ash/Hickory, Add	*399.15*	
		For Walnut, Add	*656.72*	
		For Cherry, Add	*1,233.26*	

08 14 73 00-0055 Accessories *(08 14 73 00-0001)*

08 14 73 00-0056 Jamb Replacement *(08 14 73 00-0055)*

08 14 73 00-0057	EA	4-9/16 Or 4-3/4" Birch Jamb Replacement For Pocket Doors	135.32	
		For Oak, Add	*8.57*	
		For Ash/Hickory, Add	*13.42*	
		For Walnut, Add	*29.35*	
		For Cherry, Add	*46.49*	
08 14 73 00-0058	EA	5-1/4" Birch Jamb Replacement For Pocket Doors	137.77	
		For Oak, Add	*8.85*	
		For Ash/Hickory, Add	*13.86*	
		For Walnut, Add	*30.30*	
		For Cherry, Add	*47.99*	
08 14 73 00-0059	EA	6-9/16" Or 6-3/4" Birch Jamb Replacement For Pocket Doors	153.67	
		For Oak, Add	*10.64*	
		For Ash/Hickory, Add	*16.67*	
		For Walnut, Add	*36.45*	
		For Cherry, Add	*57.74*	

08 14 73 00-0060 Track And Hardware Replacement Kits *(08 14 73 00-0055)*

Note: For double doors, use 2 appropriate sized hardware and 1 converging kit.

08 14 73 00-0061	EA	Up To 2'-6" x 6'-8" Door Track And Hardware Replacement For Pocket Door	312.52	
08 14 73 00-0062	EA	2'-8" x 6'-8" Door Track And Hardware Replacement For Pocket Door	315.31	
08 14 73 00-0063	EA	3'-0" x 6'-8" Door Track And Hardware Replacement For Pocket Door	320.89	
08 14 73 00-0064	EA	Up To 2'-6" x 7' Door Track And Hardware Replacement For Pocket Door	373.92	
08 14 73 00-0065	EA	2'-8" x 7' Door Track And Hardware Replacement For Pocket Door	376.71	
08 14 73 00-0066	EA	3'-0" x 7' Door Track And Hardware Replacement For Pocket Door	382.30	
08 14 73 00-0067	EA	Up To 2'-6" x 8' Door Track And Hardware	401.83	
08 14 73 00-0068	EA	2'-8" x 8' Door Track And Hardware Replacement For Pocket Door	404.62	
08 14 73 00-0069	EA	3'-0" x 8' Door Track And Hardware Replacement For Pocket Door	410.20	
08 14 73 00-0070	EA	Double Door Converging Kit For Pocket Door	45.76	

08 14 73 00-0071 Bi-Pass Doors *(08 14 73)*

Note: Includes unfinished doors, fascia track, hangers, door guide, doorstop, and pulls. 125 LB maximum door weight (each opening).

08 14 73 00-0072 Flush, Hollow Core (HC), Birch Faced Wood Bi-Pass Doors *(08 14 73 00-0071)*

08 14 73 00-0073	EA	4' Wide, Two 2'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Pass Doors	456.32	95.15
08 14 73 00-0074	EA	5' Wide, Two 2'-6" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Pass Doors	501.47	101.09
08 14 73 00-0075	EA	6' Wide, Two 3'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Pass Doors	547.17	107.04
08 14 73 00-0076	EA	8' Wide, Four 2'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Pass Doors	752.78	112.99

08 14 73 00-0077 Flush, Hollow Core (HC), Lauan Faced Wood Bi-Pass Doors *(08 14 73 00-0071)*

08 14 73 00-0078	EA	4' Wide, Two 2'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Pass Doors	425.50	95.15
08 14 73 00-0079	EA	5' Wide, Two 2'-6" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Pass Doors	453.42	101.09
08 14 73 00-0080	EA	6' Wide, Two 3'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Pass Doors	494.29	107.04
08 14 73 00-0081	EA	8' Wide, Four 2'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Pass Doors	691.15	112.99

08 14 73 00-0082 Molded Panel, Hollow Core (HC), High Density Fiberboard (HDF) Faced Wood Bi-Pass Doors *(08 14 73 00-0071)*

08 14 73 00-0083	EA	4' Wide, Two 2'-0" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High Density Fiberboard (HDF) Faced Wood Bi-Pass Doors	457.18	95.15
08 14 73 00-0084	EA	5' Wide, Two 2'-6" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High Density Fiberboard (HDF) Faced Wood Bi-Pass Doors	499.32	101.09
08 14 73 00-0085	EA	6' Wide, Two 3'-0" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High Density Fiberboard (HDF) Faced Wood Bi-Pass Doors	543.61	107.04
08 14 73 00-0086	EA	8' Wide, Four 2'-0" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High Density Fiberboard (HDF) Faced Wood Bi-Pass Doors	754.52	112.99

08 14 76 Bifolding Wood Doors *(08 14)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 76 00-0001		**Bi-Fold Wood Doors** *(08 14 76)* Note: Includes doors, track, top and bottom pivots, door guide, track stop, panel hinge, bottom pivot bracket, top pivot lock, and 4-door aligner (when necessary). Excludes doorframe and knobs.		
08 14 76 00-0002		**Flush, Hollow Core (HC), Lauan Faced Wood Bi-Fold Doors** *(08 14 76 00-0001)*		
08 14 76 00-0003	EA	2'-0" Wide, Two 1'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Fold Doors	218.15	71.35
08 14 76 00-0004	EA	2'-6" Wide, Two 1'-3" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Fold Doors	230.04	77.31
08 14 76 00-0005	EA	2'-8" Wide, Two 1'-4" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Fold Doors	246.96	83.26
08 14 76 00-0006	EA	3'-0" Wide, Two 1'-6" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Fold Doors	258.85	89.20
08 14 76 00-0007	EA	4'-0" Wide, Four 1'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Fold Doors	335.05	95.15
08 14 76 00-0008	EA	5'-0" Wide, Four 1'-3" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Fold Doors	346.94	101.09
08 14 76 00-0009	EA	6'-0" Wide, Four 1'-6" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Fold Doors	369.51	107.04
08 14 76 00-0010		**Flush, Hollow Core (HC), Birch Faced Wood Bi-Fold Doors** *(08 14 76 00-0001)*		
08 14 76 00-0011	EA	2'-0" Wide, Two 1'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Fold Doors	230.45	71.35
08 14 76 00-0012	EA	2'-6" Wide, Two 1'-3" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Fold Doors	246.38	77.31
08 14 76 00-0013	EA	2'-8" Wide, Two 1'-4" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Fold Doors	266.02	83.26
08 14 76 00-0014	EA	3'-0" Wide, Two 1'-6" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Fold Doors	277.91	89.20
08 14 76 00-0015	EA	4'-0" Wide, Four 1'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Fold Doors	361.40	95.15
08 14 76 00-0016	EA	5'-0" Wide, Four 1'-3" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Fold Doors	388.02	101.09
08 14 76 00-0017	EA	6'-0" Wide, Four 1'-6" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Fold Doors	416.19	107.04
08 14 76 00-0018		**Flush, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors** *(08 14 76 00-0001)*		
08 14 76 00-0019	EA	2'-0" Wide, Two 1'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors	231.02	71.35
08 14 76 00-0020	EA	2'-6" Wide, Two 1'-3" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors	254.27	77.31
08 14 76 00-0021	EA	2'-8" Wide, Two 1'-4" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors	273.29	83.26
08 14 76 00-0022	EA	3'-0" Wide, Two 1'-6" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors	285.18	89.20
08 14 76 00-0023	EA	4'-0" Wide, Four 1'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors	367.76	95.15
08 14 76 00-0024	EA	5'-0" Wide, Four 1'-3" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors	382.21	101.09
08 14 76 00-0025	EA	6'-0" Wide, Four 1'-6" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors	416.19	107.04
08 14 76 00-0026		**Raised Panel, Hollow Core (HC), Pine Faced Wood Bi-Fold Doors** *(08 14 76 00-0001)*		
08 14 76 00-0027	EA	2'-0" Wide, Two 1'-0" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Pine Faced Wood Bi-Fold Doors	596.84	71.35
08 14 76 00-0028	EA	2'-6" Wide, Two 1'-3" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Pine Faced Wood Bi-Fold Doors	682.11	77.31
08 14 76 00-0029	EA	2'-8" Wide, Two 1'-4" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Pine Faced Wood Bi-Fold Doors	779.27	83.26
08 14 76 00-0030	EA	3'-0" Wide, Two 1'-6" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Pine Faced Wood Bi-Fold Doors	791.16	89.20
08 14 76 00-0031	EA	4'-0" Wide, Four 1'-0" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Pine Faced Wood Bi-Fold Doors	1,098.54	95.15
08 14 76 00-0032	EA	5'-0" Wide, Four 1'-3" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Pine Faced Wood Bi-Fold Doors	1,257.18	101.09
08 14 76 00-0033	EA	6'-0" Wide, Four 1'-6" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Pine Faced Wood Bi-Fold Doors	1,439.62	107.04
08 14 76 00-0034		**Raised Panel, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors** *(08 14 76 00-0001)*		
08 14 76 00-0035	EA	2'-0" Wide, Two 1'-0" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors	765.41	71.35
08 14 76 00-0036	EA	2'-6" Wide, Two 1'-3" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors	830.84	77.31
08 14 76 00-0037	EA	2'-8" Wide, Two 1'-4" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors	908.17	83.26
08 14 76 00-0038	EA	3'-0" Wide, Two 1'-6" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors	920.06	89.20
08 14 76 00-0039	EA	4'-0" Wide, Four 1'-0" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors	1,435.66	95.15
08 14 76 00-0040	EA	5'-0" Wide, Four 1'-3" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors	1,554.64	101.09
08 14 76 00-0041	EA	6'-0" Wide, Four 1'-6" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors	1,697.42	107.04
08 14 76 00-0042		**Molded Panel, Hollow Core (HC), High Density Fiberboard (HDF) Faced Wood Bi-Fold Doors** *(08 14 76 00-0001)*		
08 14 76 00-0043	EA	2'-0" Wide, Two 1'-0" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High Density Fiberboard (HDF) Faced Wood Bi-Fold Doors	222.48	71.35
08 14 76 00-0044	EA	2'-6" Wide, Two 1'-3" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High Density Fiberboard (HDF) Faced Wood Bi-Fold Doors	239.43	77.31
08 14 76 00-0045	EA	2'-8" Wide, Two 1'-4" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High Density Fiberboard (HDF) Faced Wood Bi-Fold Doors	262.03	83.26
08 14 76 00-0046	EA	3'-0" Wide, Two 1'-6" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High Density Fiberboard (HDF) Faced Wood Bi-Fold Doors	264.89	89.20
08 14 76 00-0047	EA	4'-0" Wide, Four 1'-0" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High Density Fiberboard (HDF) Faced Wood Bi-Fold Doors	327.92	95.15
08 14 76 00-0048	EA	5'-0" Wide, Four 1'-3" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High Density Fiberboard (HDF) Faced Wood Bi-Fold Doors	353.97	101.09
08 14 76 00-0049	EA	6'-0" Wide, Four 1'-6" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High Density Fiberboard (HDF) Faced Wood Bi-Fold Doors	396.45	107.04

08 15 Plastic Doors *(08 10)*

Note: Includes machining for all hardware, except mortised locks. Excludes frames, finish hardware. See CSI section 08 70 00 00-0000 for finish hardware.

08 16 Composite Doors *(08 10)*

Note: Includes machining for all hardware. Excludes frames, finish hardware. See CSI section 08 70 00 00-0000 for finish hardware.

08 16 13 Fiberglass Doors *(08 16)*

See CSI section 08 70 00 00-0000 for finish hardware.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 16 13 00-0001		Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Frames And Doors *(08 16 13)*		
08 16 13 00-0002		Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) *(08 16 13 00-0001)*		
08 16 13 00-0003		Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) *(08 16 13 00-0002)*		
		Note: White, tan, brown or gray finish. Includes factory hardware prep and 25 Mil resin rich gel coat.		
08 16 13 00-0004		Standard, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) *(08 16 13 00-0003)*		
		Note: Includes fiberglass reinforced polyester (FRP) doorframe, 4-1/2" x 4-1/2" stainless steel hinges and factory hardware prep. Excludes hardware.		
08 16 13 00-0005		6'-8" High, Standard Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) *(08 16 13 00-0004)*		
08 16 13 00-0006	EA	3' x 6'-8", Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	3,231.46	71.38
		For Custom Color Finish, Add	*168.10*	
		For Stainless Steel Continuous Hinge, Add	*374.17*	
08 16 13 00-0007	EA	3'-6" x 6'-8", Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	3,449.55	74.36
		For Custom Color Finish, Add	*168.10*	
		For Stainless Steel Continuous Hinge, Add	*374.17*	
08 16 13 00-0008	EA	4' x 6'-8", Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	3,781.47	80.31
		For Custom Color Finish, Add	*168.10*	
		For Stainless Steel Continuous Hinge, Add	*374.17*	
08 16 13 00-0009		7' High, Standard Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) *(08 16 13 00-0004)*		
08 16 13 00-0010	EA	3' x 7', Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	3,231.46	71.38
		For Custom Color Finish, Add	*168.10*	
		For Stainless Steel Continuous Hinge, Add	*374.17*	
08 16 13 00-0011	EA	3'-6" x 7', Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	3,535.85	74.36
		For Custom Color Finish, Add	*168.10*	
		For Stainless Steel Continuous Hinge, Add	*374.17*	
08 16 13 00-0012	EA	4' x 7', Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	3,873.16	80.31
		For Custom Color Finish, Add	*168.10*	
		For Stainless Steel Continuous Hinge, Add	*374.17*	
08 16 13 00-0013		Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) *(08 16 13 00-0003)*		
		Note: Includes fiberglass reinforced polyester (FRP) doorframe, 4-1/2" x 4-1/2" stainless steel hinges and factory hardware prep. Excludes hardware.		
08 16 13 00-0014		45 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) *(08 16 13 00-0013)*		
08 16 13 00-0015		6'-8" High, 45 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) *(08 16 13 00-0014)*		
08 16 13 00-0016	EA	3' x 6'-8", 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	3,835.53	71.38
		For Custom Color Finish, Add	*168.10*	
		For Stainless Steel Continuous Hinge, Add	*374.17*	
08 16 13 00-0017	EA	3'-6" x 6'-8", 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	3,915.19	74.36
		For Custom Color Finish, Add	*168.10*	
		For Stainless Steel Continuous Hinge, Add	*374.17*	
08 16 13 00-0018	EA	4' x 6'-8", 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	4,464.65	80.31
		For Custom Color Finish, Add	*168.10*	
		For Stainless Steel Continuous Hinge, Add	*374.17*	
08 16 13 00-0019		7' High, 45 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) *(08 16 13 00-0014)*		
08 16 13 00-0020	EA	3' x 7', 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	3,835.53	71.38
		For Custom Color Finish, Add	*168.10*	
		For Stainless Steel Continuous Hinge, Add	*374.17*	
08 16 13 00-0021	EA	3'-6" x 7', 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	4,195.66	74.36
		For Custom Color Finish, Add	*168.10*	
		For Stainless Steel Continuous Hinge, Add	*374.17*	
08 16 13 00-0022	EA	4' x 7', 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	4,568.92	80.31
		For Custom Color Finish, Add	*168.10*	
		For Stainless Steel Continuous Hinge, Add	*374.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 16 13 00-0023		60 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) *(08 16 13 00-0013)*		
08 16 13 00-0024		6'-8" High, 60 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) *(08 16 13 00-0023)*		
08 16 13 00-0025	EA	3' x 6'-8", 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	3,835.53	71.38
		For Custom Color Finish, Add	*168.10*	
		For Stainless Steel Continuous Hinge, Add	*374.17*	
08 16 13 00-0026	EA	3'-6" x 6'-8", 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	3,915.19	74.36
		For Custom Color Finish, Add	*168.10*	
		For Stainless Steel Continuous Hinge, Add	*374.17*	
08 16 13 00-0027	EA	4' x 6'-8", 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	4,464.65	80.31
		For Custom Color Finish, Add	*168.10*	
		For Stainless Steel Continuous Hinge, Add	*374.17*	
08 16 13 00-0028		7' High, 60 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) *(08 16 13 00-0023)*		
08 16 13 00-0029	EA	3' x 7', 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	3,835.53	71.38
		For Custom Color Finish, Add	*168.10*	
		For Stainless Steel Continuous Hinge, Add	*374.17*	
08 16 13 00-0030	EA	3'-6" x 7', 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	4,195.66	74.36
		For Custom Color Finish, Add	*168.10*	
		For Stainless Steel Continuous Hinge, Add	*374.17*	
08 16 13 00-0031	EA	4' x 7', 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	4,568.92	80.31
		For Custom Color Finish, Add	*168.10*	
		For Stainless Steel Continuous Hinge, Add	*374.17*	
08 16 13 00-0032		90 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) *(08 16 13 00-0013)*		
08 16 13 00-0033		6'-8" High, 90 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) *(08 16 13 00-0032)*		
08 16 13 00-0034	EA	3' x 6'-8", 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	3,835.53	71.38
		For Custom Color Finish, Add	*168.10*	
		For Stainless Steel Continuous Hinge, Add	*374.17*	
08 16 13 00-0035	EA	3'-6" x 6'-8", 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	3,915.19	74.36
		For Custom Color Finish, Add	*168.10*	
		For Stainless Steel Continuous Hinge, Add	*374.17*	
08 16 13 00-0036	EA	4' x 6'-8", 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	4,464.65	80.31
		For Custom Color Finish, Add	*168.10*	
		For Stainless Steel Continuous Hinge, Add	*374.17*	
08 16 13 00-0037		7' High, 90 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) *(08 16 13 00-0032)*		
08 16 13 00-0038	EA	3' x 7', 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	3,835.53	71.38
		For Custom Color Finish, Add	*168.10*	
		For Stainless Steel Continuous Hinge, Add	*374.17*	
08 16 13 00-0039	EA	3'-6" x 7', 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	4,195.66	74.36
		For Custom Color Finish, Add	*168.10*	
		For Stainless Steel Continuous Hinge, Add	*374.17*	
08 16 13 00-0040	EA	4' x 7', 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	4,568.92	80.31
		For Custom Color Finish, Add	*168.10*	
		For Stainless Steel Continuous Hinge, Add	*374.17*	
08 16 13 00-0041		Storm Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) *(08 16 13 00-0003)*		
		Note: Includes fiberglass reinforced polyester (FRP) doorframe, 4-1/2" x 4-1/2" stainless steel hinges and factory hardware prep. Excludes hardware.		
08 16 13 00-0042		6'-8" High, Storm Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) *(08 16 13 00-0041)*		
08 16 13 00-0043	EA	3' x 6'-8", Storm Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	3,416.64	71.38
		For Custom Color Finish, Add	*168.10*	
		For Stainless Steel Continuous Hinge, Add	*374.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 16 13 00-0044		**7' High, Storm Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf)** *(08 16 13 00-0041)*		
08 16 13 00-0045	EA	3' x 7', Storm Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	3,416.64	71.38
		For Custom Color Finish, Add	*168.10*	
		For Stainless Steel Continuous Hinge, Add	*374.17*	
08 16 13 00-0046		**Accessories For Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Doors (Chem-Pruf)** *(08 16 13 00-0002)*		
08 16 13 00-0047	SI	1/4" Tempered, Factory Installed Vision Glass (Chem-Pruf)	0.46	
08 16 13 00-0048	SI	1/4" Laminated, Factory Installed Vision Glass (Chem-Pruf)	0.47	
08 16 13 00-0049	SI	1/4" Wire, Factory Installed Vision Glass (Chem-Pruf)	0.62	
08 16 13 00-0050	SI	1/2" Insulated, Factory Installed Vision Glass (Chem-Pruf)	0.59	
08 16 13 00-0051	SI	Factory Installed Molded Louver (Chem-Pruf)	1.18	
08 16 13 00-0052	SI	Factory Installed Molded Louver With Insect Screen (Chem-Pruf)	1.32	
08 16 13 00-0053	LF	Weather Strip (Chem-Pruf)	12.58	
08 16 13 00-0054	LF	Fiberglass Reinforced Polyester (FRP) Astragal With Seal (Chem-Pruf)	16.18	
08 16 13 00-0055	LF	1/2" Fiberglass Reinforced Polyester (FRP) Grooved Saddle Threshold (Chem-Pruf)	34.16	
08 16 13 00-0056	LF	Fiberglass Reinforced Polyester (FRP) Door Sweep (Chem-Pruf)	37.75	
08 16 13 00-0057	LF	2-1/4" Fiberglass Reinforced Polyester (FRP) Center Door Mullion (Chem-Pruf)	73.71	
08 16 13 00-0058		**Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door)** *(08 16 13 00-0001)*		
08 16 13 00-0059		**Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door)** *(08 16 13 00-0058)*		
		Note: White, tan, brown or gray finish. Includes factory hardware prep.		
08 16 13 00-0060		**Standard, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door)** *(08 16 13 00-0059)*		
		Note: Includes fiberglass reinforced polyester (FRP) doorframe, 4-1/2" x 4-1/2" stainless steel hinges and factory hardware prep. Excludes hardware.		
08 16 13 00-0061		**6'-8" High, Standard Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door)** *(08 16 13 00-0060)*		
08 16 13 00-0062	EA	3' x 6'-8", Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	2,470.22	71.38
		For Custom Color Finish, Add	*168.10*	
		For Stainless Steel Continuous Hinge, Add	*374.17*	
08 16 13 00-0063	EA	3'-6" x 6'-8", Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	2,504.45	74.36
		For Custom Color Finish, Add	*168.10*	
		For Stainless Steel Continuous Hinge, Add	*374.17*	
08 16 13 00-0064	EA	4' x 6'-8", Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	2,625.12	80.31
		For Custom Color Finish, Add	*168.10*	
		For Stainless Steel Continuous Hinge, Add	*374.17*	
08 16 13 00-0065		**7' High, Standard Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door)** *(08 16 13 00-0060)*		
08 16 13 00-0066	EA	3' x 7', Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	2,470.22	71.38
		For Custom Color Finish, Add	*168.10*	
		For Stainless Steel Continuous Hinge, Add	*374.17*	
08 16 13 00-0067	EA	3'-6" x 7', Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	2,613.22	74.36
		For Custom Color Finish, Add	*168.10*	
		For Stainless Steel Continuous Hinge, Add	*374.17*	
08 16 13 00-0068	EA	4' x 7', Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	2,625.12	80.31
		For Custom Color Finish, Add	*168.10*	
		For Stainless Steel Continuous Hinge, Add	*374.17*	
08 16 13 00-0069		**Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door)** *(08 16 13 00-0059)*		
		Note: Includes fiberglass reinforced polyester (FRP) doorframe, 4-1/2" x 4-1/2" stainless steel hinges and factory hardware prep. Excludes hardware.		
08 16 13 00-0070		**45 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door)** *(08 16 13 00-0069)*		
08 16 13 00-0071		**6'-8" High, 45 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door)** *(08 16 13 00-0070)*		
08 16 13 00-0072	EA	3' x 6'-8", 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	4,101.76	71.38
		For Custom Color Finish, Add	*168.10*	
		For Stainless Steel Continuous Hinge, Add	*374.17*	
08 16 13 00-0073	EA	3'-6" x 6'-8", 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	4,186.02	74.36
		For Custom Color Finish, Add	*168.10*	
		For Stainless Steel Continuous Hinge, Add	*374.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 16 13 00-0074	EA	4' x 6'-8", 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	4,385.00	80.31
		For Custom Color Finish, Add	*168.10*	
		For Stainless Steel Continuous Hinge, Add	*374.17*	
08 16 13 00-0075		7' High, 45 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) *(08 16 13 00-0070)*		
08 16 13 00-0076	EA	3' x 7', 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	4,101.76	71.38
		For Custom Color Finish, Add	*168.10*	
		For Stainless Steel Continuous Hinge, Add	*374.17*	
08 16 13 00-0077	EA	3'-6" x 7', 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	4,216.48	74.36
		For Custom Color Finish, Add	*168.10*	
		For Stainless Steel Continuous Hinge, Add	*374.17*	
08 16 13 00-0078	EA	4' x 7', 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	4,478.55	80.31
		For Custom Color Finish, Add	*168.10*	
		For Stainless Steel Continuous Hinge, Add	*374.17*	
08 16 13 00-0079		60 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) *(08 16 13 00-0069)*		
08 16 13 00-0080		6'-8" High, 60 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) *(08 16 13 00-0079)*		
08 16 13 00-0081	EA	3' x 6'-8", 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	4,101.76	71.38
		For Custom Color Finish, Add	*168.10*	
		For Stainless Steel Continuous Hinge, Add	*374.17*	
08 16 13 00-0082	EA	3'-6" x 6'-8", 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	4,186.02	74.36
		For Custom Color Finish, Add	*168.10*	
		For Stainless Steel Continuous Hinge, Add	*374.17*	
08 16 13 00-0083	EA	4' x 6'-8", 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	4,385.00	80.31
		For Custom Color Finish, Add	*168.10*	
		For Stainless Steel Continuous Hinge, Add	*374.17*	
08 16 13 00-0084		7' High, 60 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) *(08 16 13 00-0079)*		
08 16 13 00-0085	EA	3' x 7', 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	4,101.76	71.38
		For Custom Color Finish, Add	*168.10*	
		For Stainless Steel Continuous Hinge, Add	*374.17*	
08 16 13 00-0086	EA	3'-6" x 7', 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	4,216.48	74.36
		For Custom Color Finish, Add	*168.10*	
		For Stainless Steel Continuous Hinge, Add	*374.17*	
08 16 13 00-0087	EA	4' x 7', 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	4,478.55	80.31
		For Custom Color Finish, Add	*168.10*	
		For Stainless Steel Continuous Hinge, Add	*374.17*	
08 16 13 00-0088		90 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) *(08 16 13 00-0069)*		
08 16 13 00-0089		6'-8" High, 90 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) *(08 16 13 00-0088)*		
08 16 13 00-0090	EA	3' x 6'-8", 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	4,101.76	71.38
		For Custom Color Finish, Add	*168.10*	
		For Stainless Steel Continuous Hinge, Add	*374.17*	
08 16 13 00-0091	EA	3'-6" x 6'-8", 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	4,186.02	74.36
		For Custom Color Finish, Add	*168.10*	
		For Stainless Steel Continuous Hinge, Add	*374.17*	
08 16 13 00-0092	EA	4' x 6'-8", 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	4,385.00	80.31
		For Custom Color Finish, Add	*168.10*	
		For Stainless Steel Continuous Hinge, Add	*374.17*	
08 16 13 00-0093		7' High, 90 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) *(08 16 13 00-0088)*		
08 16 13 00-0094	EA	3' x 7', 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	4,101.76	71.38
		For Custom Color Finish, Add	*168.10*	
		For Stainless Steel Continuous Hinge, Add	*374.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 16 13 00-0095	EA	3'-6" x 7', 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	4,216.48	74.36
		For Custom Color Finish, Add	*168.10*	
		For Stainless Steel Continuous Hinge, Add	*374.17*	
08 16 13 00-0096	EA	4' x 7', 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	4,478.55	80.31
		For Custom Color Finish, Add	*168.10*	
		For Stainless Steel Continuous Hinge, Add	*374.17*	

08 16 13 00-0097 Storm Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) *(08 16 13 00-0059)*

Note: Includes fiberglass reinforced polyester (FRP) doorframe, 4-1/2" x 4-1/2" stainless steel hinges and factory hardware prep. Excludes hardware.

08 16 13 00-0098 6'-8" High, Storm Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) *(08 16 13 00-0097)*

08 16 13 00-0099	EA	3' x 6'-8", Storm Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	2,796.53	71.38
		For Custom Color Finish, Add	*168.10*	
		For Stainless Steel Continuous Hinge, Add	*374.17*	

08 16 13 00-0100 7' High, Storm Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) *(08 16 13 00-0097)*

08 16 13 00-0101	EA	3' x 7', Storm Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	2,796.53	71.38
		For Custom Color Finish, Add	*168.10*	
		For Stainless Steel Continuous Hinge, Add	*374.17*	

08 16 13 00-0102 Accessories For Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Doors (Skule Door) *(08 16 13 00-0058)*

08 16 13 00-0103	SI	1/4" Tempered, Factory Installed Vision Glass (Skule Door)	1.03
08 16 13 00-0104	SI	1/4" Laminated, Factory Installed Vision Glass (Skule Door)	1.06
08 16 13 00-0105	SI	1/4" Wire, Factory Installed Vision Glass (Skule Door)	1.12
08 16 13 00-0106	SI	1/2" Insulated, Factory Installed Vision Glass (Skule Door)	1.60
08 16 13 00-0107	SI	Factory Installed Molded Louver (Skule Door)	0.63
08 16 13 00-0108	SI	Factory Installed Molded Louver With Insect Screen (Skule Door)	1.01
08 16 13 00-0109	LF	Weather Strip (Skule Door)	8.70
08 16 13 00-0110	LF	Fiberglass Reinforced Polyester (FRP) Astragal With Seal (Skule Door)	10.88
08 16 13 00-0111	LF	1/2" Fiberglass Reinforced Polyester (FRP) Grooved Saddle Threshold (Skule Door)	34.81
08 16 13 00-0112	LF	Fiberglass Reinforced Polyester (FRP) Door Sweep (Skule Door)	124.00
08 16 13 00-0113	LF	2-1/4" Fiberglass Reinforced Polyester (FRP) Center Door Mullion (Skule Door)	47.86

08 16 13 00-0114 Galvanized Insulated Poly Core Composite Doors *(08 16 13)*

08 16 13 00-0115	EA	3'-0" x 7'-0" x 1-3/4" Thick, Flush, 18 Gauge, Galvanized, Insulated Poly Core Composite Door (Curries 707N)	1,353.10	71.38

08 17 Integrated Door Opening Assemblies *(08 10)*

08 17 23 Integrated Metal Door Opening Assemblies *(08 17)*

08 17 23 00-0001 Pre-Hung Interior Door Units *(08 17 23)*

Note: Includes door, frame, and trim, all mounting hardware (standard duty ball bearing hinges). Excludes lockset. See CSI section 08 70 00 00-0000 for finish hardware.

08 17 23 00-0002 Hollow Core Doors, 1-3/8" Thick *(08 17 23 00-0001)*

08 17 23 00-0003 Birch Faced *(08 17 23 00-0002)*

08 17 23 00-0004	EA	2'-0" Or 2'-4" x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door	380.29	74.36
		For 8' Door Height, Add	*55.58*	
08 17 23 00-0005	EA	2'-6" x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door	394.51	74.36
		For 8' Door Height, Add	*58.99*	
08 17 23 00-0006	EA	2'-8" x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door	414.71	77.34
		For 8' Door Height, Add	*62.41*	
08 17 23 00-0007	EA	3' x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door	424.90	80.31
		For 8' Door Height, Add	*63.42*	
08 17 23 00-0008	EA	3'-4" x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door	450.71	80.31
		For 8' Door Height, Add	*69.62*	
08 17 23 00-0009	EA	3'-6" x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door	475.22	83.29
		For 8' Door Height, Add	*74.08*	
08 17 23 00-0010	EA	Pair 2' x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door	707.03	121.95
		For 8' Door Height, Add	*111.15*	
08 17 23 00-0011	EA	Pair 2'-6" x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door	753.36	130.88
		For 8' Door Height, Add	*117.99*	
08 17 23 00-0012	EA	Pair 3' x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door	808.14	139.79
		For 8' Door Height, Add	*126.85*	

08 17 23 00-0013 Lauan Faced *(08 17 23 00-0002)*

08 17 23 00-0014	EA	2'-0" Or 2'-4" x 7' x 1-3/8" Prehung Hollow Core, Lauan Faced Door	353.37	74.36
		For 8' Door Height, Add	*49.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 17 23 00-0015	EA	2'-6" x 7' x 1-3/8" Prehung Hollow Core, Lauan Faced Door	367.25	74.36
		For 8' Door Height, Add	*52.45*	
08 17 23 00-0016	EA	2'-8" x 7' x 1-3/8" Prehung Hollow Core, Lauan Faced Door	384.90	77.34
		For 8' Door Height, Add	*55.26*	
08 17 23 00-0017	EA	3' x 7' x 1-3/8" Prehung Hollow Core, Lauan Faced Door	399.12	80.31
		For 8' Door Height, Add	*57.24*	
08 17 23 00-0018	EA	3'-4" x 7' x 1-3/8" Prehung Hollow Core, Lauan Faced Door	421.93	80.31
		For 8' Door Height, Add	*62.71*	
08 17 23 00-0019	EA	3'-6" x 7' x 1-3/8" Prehung Hollow Core, Lauan Faced Door	439.98	83.29
		For 8' Door Height, Add	*65.62*	
08 17 23 00-0020	EA	Pair 2' x 7' x 1-3/8" Prehung Hollow Core, Lauan Faced Door	653.22	121.95
		For 8' Door Height, Add	*98.23*	
08 17 23 00-0021	EA	Pair 2'-6" x 7' x 1-3/8" Prehung Hollow Core, Lauan Faced Door	698.75	130.88
		For 8' Door Height, Add	*104.88*	
08 17 23 00-0022	EA	Pair 3' x 7' x 1-3/8" Prehung Hollow Core, Lauan Faced Door	756.66	139.79
		For 8' Door Height, Add	*114.49*	

08 17 23 00-0023 Tempered Hardboard Faced *(08 17 23 00-0002)*

08 17 23 00-0024	EA	2'-0" Or 2'-4" x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door	306.50	74.36
		For 8' Door Height, Add	*37.87*	
08 17 23 00-0025	EA	2'-6" x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door	318.01	74.36
		For 8' Door Height, Add	*40.63*	
08 17 23 00-0026	EA	2'-8" x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door	329.42	77.34
		For 8' Door Height, Add	*41.94*	
08 17 23 00-0027	EA	3' x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door	346.29	80.31
		For 8' Door Height, Add	*44.56*	
08 17 23 00-0028	EA	3'-4" x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door	366.70	80.31
		For 8' Door Height, Add	*49.46*	
08 17 23 00-0029	EA	3'-6" x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door	389.52	83.29
		For 8' Door Height, Add	*53.51*	
08 17 23 00-0030	EA	Pair 2' x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door	564.77	121.95
		For 8' Door Height, Add	*77.01*	
08 17 23 00-0031	EA	Pair 2'-6" x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door	600.31	130.88
		For 8' Door Height, Add	*81.26*	
08 17 23 00-0032	EA	Pair 3' x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door	650.92	139.79
		For 8' Door Height, Add	*89.12*	

08 17 23 00-0033 Solid Core Doors, 1-3/8" Thick *(08 17 23 00-0001)*

08 17 23 00-0034 Birch Faced *(08 17 23 00-0033)*

08 17 23 00-0035	EA	2'-0" Or 2'-4" x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door	496.11	74.36
		For 8' Door Height, Add	*83.37*	
08 17 23 00-0036	EA	2'-6" x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door	514.38	74.36
		For 8' Door Height, Add	*87.76*	
08 17 23 00-0037	EA	2'-8" x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door	538.56	77.34
		For 8' Door Height, Add	*92.13*	
08 17 23 00-0038	EA	3' x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door	566.75	80.31
		For 8' Door Height, Add	*97.47*	
08 17 23 00-0039	EA	3'-4" x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door	611.34	80.31
		For 8' Door Height, Add	*108.17*	
08 17 23 00-0040	EA	3'-6" x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door	656.69	83.29
		For 8' Door Height, Add	*117.63*	
08 17 23 00-0041	EA	Pair 2' x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door	938.68	121.95
		For 8' Door Height, Add	*166.74*	
08 17 23 00-0042	EA	Pair 2'-6" x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door	993.06	130.88
		For 8' Door Height, Add	*175.52*	
08 17 23 00-0043	EA	Pair 3' x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door	1,091.84	139.79
		For 8' Door Height, Add	*194.94*	

08 17 23 00-0044 Lauan Faced *(08 17 23 00-0033)*

08 17 23 00-0045	EA	2'-0" Or 2'-4" x 7' x 1-3/8" Prehung Solid Core, Lauan Faced Door	723.41	74.36
		For 8' Door Height, Add	*137.93*	
08 17 23 00-0046	EA	2'-6" x 7' x 1-3/8" Prehung Solid Core, Lauan Faced Door	755.01	74.36
		For 8' Door Height, Add	*145.51*	
08 17 23 00-0047	EA	2'-8" x 7' x 1-3/8" Prehung Solid Core, Lauan Faced Door	792.52	77.34
		For 8' Door Height, Add	*153.08*	
08 17 23 00-0048	EA	3' x 7' x 1-3/8" Prehung Solid Core, Lauan Faced Door	830.36	80.31
		For 8' Door Height, Add	*160.74*	
08 17 23 00-0049	EA	3'-4" x 7' x 1-3/8" Prehung Solid Core, Lauan Faced Door	904.02	80.31
		For 8' Door Height, Add	*178.42*	
08 17 23 00-0050	EA	3'-6" x 7' x 1-3/8" Prehung Solid Core, Lauan Faced Door	957.54	83.29
		For 8' Door Height, Add	*189.83*	
08 17 23 00-0051	EA	Pair 2' x 7' x 1-3/8" Prehung Solid Core, Lauan Faced Door	1,393.27	121.95
		For 8' Door Height, Add	*275.85*	
08 17 23 00-0052	EA	Pair 2'-6" x 7' x 1-3/8" Prehung Solid Core, Lauan Faced Door	1,474.36	130.88
		For 8' Door Height, Add	*291.03*	
08 17 23 00-0053	EA	Pair 3' x 7' x 1-3/8" Prehung Solid Core, Lauan Faced Door	1,619.06	139.79
		For 8' Door Height, Add	*321.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 17 23 00-0054		**Tempered Hardboard Faced** *(08 17 23 00-0033)*		
08 17 23 00-0055	EA	2'-0" - 2'-4" x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door	407.96	74.36
		For 8' Door Height, Add	*62.22*	
08 17 23 00-0056	EA	2'-6" x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door	422.96	74.36
		For 8' Door Height, Add	*65.82*	
08 17 23 00-0057	EA	2'-8" x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door	443.97	77.34
		For 8' Door Height, Add	*69.43*	
08 17 23 00-0058	EA	3' x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door	455.49	80.31
		For 8' Door Height, Add	*70.77*	
08 17 23 00-0059	EA	3'-4" x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door	488.01	80.31
		For 8' Door Height, Add	*78.57*	
08 17 23 00-0060	EA	3'-6" x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door	514.92	83.29
		For 8' Door Height, Add	*83.60*	
08 17 23 00-0061	PR	Pair 2' x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door	762.37	121.95
		For 8' Door Height, Add	*124.43*	
08 17 23 00-0062	PR	Pair 2'-6" x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door	810.22	130.88
		For 8' Door Height, Add	*131.64*	
08 17 23 00-0063	PR	Pair 3' x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door	869.31	139.79
		For 8' Door Height, Add	*141.54*	
08 17 23 00-0064		**Hollow Core Doors, 1-3/4" Thick** *(08 17 23 00-0001)*		
08 17 23 00-0065		**Birch Faced** *(08 17 23 00-0064)*		
08 17 23 00-0066	EA	2'-0" Or 2'-4" x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door	438.14	74.36
		For 8' Door Height, Add	*69.46*	
08 17 23 00-0067	EA	2'-6" x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door	449.07	74.36
		For 8' Door Height, Add	*72.08*	
08 17 23 00-0068	EA	2'-8" x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door	459.06	77.34
		For 8' Door Height, Add	*73.05*	
08 17 23 00-0069	EA	3' x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door	482.81	80.31
		For 8' Door Height, Add	*77.33*	
08 17 23 00-0070	EA	3'-4" x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door	530.08	80.31
		For 8' Door Height, Add	*88.67*	
08 17 23 00-0071	EA	3'-6" x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door	591.24	83.29
		For 8' Door Height, Add	*101.92*	
08 17 23 00-0072	EA	Pair 2' x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door	822.79	121.95
		For 8' Door Height, Add	*138.93*	
08 17 23 00-0073	EA	Pair 2'-6" x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door	862.43	130.88
		For 8' Door Height, Add	*144.17*	
08 17 23 00-0074	EA	Pair 3' x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door	924.01	139.79
		For 8' Door Height, Add	*154.66*	
08 17 23 00-0075		**Lauan Faced** *(08 17 23 00-0064)*		
08 17 23 00-0076	EA	2'-0" Or 2'-4" x 7' x 1-3/4" Prehung Hollow Core, Lauan Faced Door	408.70	74.36
		For 8' Door Height, Add	*62.40*	
08 17 23 00-0077	EA	2'-6" x 7' x 1-3/4" Prehung Hollow Core, Lauan Faced Door	426.61	74.36
		For 8' Door Height, Add	*66.69*	
08 17 23 00-0078	EA	2'-8" x 7' x 1-3/4" Prehung Hollow Core, Lauan Faced Door	447.10	77.34
		For 8' Door Height, Add	*70.18*	
08 17 23 00-0079	EA	3' x 7' x 1-3/4" Prehung Hollow Core, Lauan Faced Door	458.80	80.31
		For 8' Door Height, Add	*71.56*	
08 17 23 00-0080	EA	3'-4" x 7' x 1-3/4" Prehung Hollow Core, Lauan Faced Door	491.59	80.31
		For 8' Door Height, Add	*79.43*	
08 17 23 00-0081	EA	3'-6" x 7' x 1-3/4" Prehung Hollow Core, Lauan Faced Door	518.71	83.29
		For 8' Door Height, Add	*84.51*	
08 17 23 00-0082	EA	Pair 2' x 7' x 1-3/4" Prehung Hollow Core, Lauan Faced Door	763.87	121.95
		For 8' Door Height, Add	*124.79*	
08 17 23 00-0083	EA	Pair 2'-6" x 7' x 1-3/4" Prehung Hollow Core, Lauan Faced Door	817.53	130.88
		For 8' Door Height, Add	*133.39*	
08 17 23 00-0084	EA	Pair 3' x 7' x 1-3/4" Prehung Hollow Core, Lauan Faced Door	875.98	139.79
		For 8' Door Height, Add	*143.13*	
08 17 23 00-0085		**Tempered Hardboard Faced** *(08 17 23 00-0064)*		
08 17 23 00-0086	EA	2'-0" Or 2'-4" x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door	345.30	74.36
		For 8' Door Height, Add	*47.18*	
08 17 23 00-0087	EA	2'-6" x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door	350.78	74.36
		For 8' Door Height, Add	*48.49*	
08 17 23 00-0088	EA	2'-8" x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door	367.65	77.34
		For 8' Door Height, Add	*51.12*	
08 17 23 00-0089	EA	3' x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door	384.53	80.31
		For 8' Door Height, Add	*53.74*	
08 17 23 00-0090	EA	3'-4" x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door	397.00	80.31
		For 8' Door Height, Add	*56.73*	
08 17 23 00-0091	EA	3'-6" x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door	422.31	83.29
		For 8' Door Height, Add	*61.38*	
08 17 23 00-0092	EA	Pair 2' x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door	643.64	121.95
		For 8' Door Height, Add	*95.94*	
08 17 23 00-0093	EA	Pair 2'-6" x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door	665.86	130.88
		For 8' Door Height, Add	*96.99*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 17 23 00-0094	EA	Pair 3' x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door	727.43	139.79
		For 8' Door Height, Add	*107.48*	

08 17 23 00-0095 Solid Core Doors, 1-3/4" Thick *(08 17 23 00-0001)*

08 17 23 00-0096 Birch Faced *(08 17 23 00-0095)*

08 17 23 00-0097	EA	2'-0" Or 2'-4" x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door	549.30	74.36
		For 8' Door Height, Add	*96.14*	
08 17 23 00-0098	EA	2'-6" x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door	565.98	74.36
		For 8' Door Height, Add	*100.14*	
08 17 23 00-0099	EA	2'-8" x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door	577.51	77.34
		For 8' Door Height, Add	*101.48*	
08 17 23 00-0100	EA	3' x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door	600.14	80.31
		For 8' Door Height, Add	*105.48*	
08 17 23 00-0101	EA	3'-4" x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door	648.49	80.31
		For 8' Door Height, Add	*117.09*	
08 17 23 00-0102	EA	3'-6" x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door	703.25	83.29
		For 8' Door Height, Add	*128.81*	
08 17 23 00-0103	EA	Pair 2' x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door	1,045.07	121.95
		For 8' Door Height, Add	*192.28*	
08 17 23 00-0104	EA	Pair 2'-6" x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door	1,096.26	130.88
		For 8' Door Height, Add	*200.28*	
08 17 23 00-0105	EA	Pair 3' x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door	1,158.65	139.79
		For 8' Door Height, Add	*210.97*	

08 17 23 00-0106 Lauan Faced *(08 17 23 00-0095)*

08 17 23 00-0107	EA	2'-0" Or 2'-4" x 7' x 1-3/4" Prehung Solid Core, Lauan Faced Door	930.97	74.36
		For 8' Door Height, Add	*187.74*	
08 17 23 00-0108	EA	2'-6" x 7' x 1-3/4" Prehung Solid Core, Lauan Faced Door	933.24	74.36
		For 8' Door Height, Add	*188.28*	
08 17 23 00-0109	EA	2'-8" x 7' x 1-3/4" Prehung Solid Core, Lauan Faced Door	961.73	77.34
		For 8' Door Height, Add	*193.69*	
08 17 23 00-0110	EA	3' x 7' x 1-3/4" Prehung Solid Core, Lauan Faced Door	984.00	80.31
		For 8' Door Height, Add	*197.61*	
08 17 23 00-0111	EA	3'-4" x 7' x 1-3/4" Prehung Solid Core, Lauan Faced Door	1,058.42	80.31
		For 8' Door Height, Add	*215.47*	
08 17 23 00-0112	EA	3'-6" x 7' x 1-3/4" Prehung Solid Core, Lauan Faced Door	1,121.80	83.29
		For 8' Door Height, Add	*229.26*	
08 17 23 00-0113	EA	Pair 2' x 7' x 1-3/4" Prehung Solid Core, Lauan Faced Door	1,808.45	121.95
		For 8' Door Height, Add	*375.49*	
08 17 23 00-0114	EA	Pair 2'-6" x 7' x 1-3/4" Prehung Solid Core, Lauan Faced Door	1,830.79	130.88
		For 8' Door Height, Add	*376.57*	
08 17 23 00-0115	EA	Pair 3' x 7' x 1-3/4" Prehung Solid Core, Lauan Faced Door	1,926.36	139.79
		For 8' Door Height, Add	*395.22*	

08 17 23 00-0116 Tempered Hardboard Faced *(08 17 23 00-0095)*

08 17 23 00-0117	EA	2'-0" Or 2'-4" x 7' x 1-3/4" Prehung Solid Core, Hardboard Faced Door	465.84	74.36
		For 8' Door Height, Add	*76.11*	
08 17 23 00-0118	EA	2'-6" x 7' x 1-3/4" Prehung Solid Core, Hardboard Faced Door	471.39	74.36
		For 8' Door Height, Add	*77.44*	
08 17 23 00-0119	EA	2'-8" x 7' x 1-3/4" Prehung Solid Core, Hardboard Faced Door	482.92	77.34
		For 8' Door Height, Add	*78.78*	
08 17 23 00-0120	EA	3' x 7' x 1-3/4" Prehung Solid Core, Hardboard Faced Door	500.01	80.31
		For 8' Door Height, Add	*81.45*	
08 17 23 00-0121	EA	3'-4" x 7' x 1-3/4" Prehung Solid Core, Hardboard Faced Door	524.91	80.31
		For 8' Door Height, Add	*87.43*	
08 17 23 00-0122	EA	3'-6" x 7' x 1-3/4" Prehung Solid Core, Hardboard Faced Door	554.17	83.29
		For 8' Door Height, Add	*93.02*	
08 17 23 00-0123	EA	Pair 2' x 7' x 1-3/4" Prehung Solid Core, Hardboard Faced Door	878.14	121.95
		For 8' Door Height, Add	*152.22*	
08 17 23 00-0124	EA	Pair 2'-6" x 7' x 1-3/4" Prehung Solid Core, Hardboard Faced Door	907.09	130.88
		For 8' Door Height, Add	*154.88*	
08 17 23 00-0125	EA	Pair 3' x 7' x 1-3/4" Prehung Solid Core, Hardboard Faced Door	958.37	139.79
		For 8' Door Height, Add	*162.90*	

08 17 23 00-0126 Oak Or Maple Faced *(08 17 23 00-0095)*

08 17 23 00-0127	EA	2'-0" Or 2'-4" x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door	863.03	74.36
		For 8' Door Height, Add	*171.44*	
08 17 23 00-0128	EA	2'-6" x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door	867.39	74.36
		For 8' Door Height, Add	*172.48*	
08 17 23 00-0129	EA	2'-8" x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door	910.27	77.34
		For 8' Door Height, Add	*181.34*	
08 17 23 00-0130	EA	3' x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door	925.86	80.31
		For 8' Door Height, Add	*183.66*	
08 17 23 00-0131	EA	3'-4" x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door	1,008.82	80.31
		For 8' Door Height, Add	*203.57*	
08 17 23 00-0132	EA	3'-6" x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door	1,113.05	83.29
		For 8' Door Height, Add	*227.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 17 23 00-0133	EA	Pair 2' x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door	1,672.54	121.95
		For 8' Door Height, Add	*342.88*	
08 17 23 00-0134	EA	Pair 2'-6" x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door	1,699.12	130.88
		For 8' Door Height, Add	*344.97*	
08 17 23 00-0135	EA	Pair 3' x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door	1,810.08	139.79
		For 8' Door Height, Add	*367.31*	
08 17 23 00-0136		**Walnut Faced** *(08 17 23 00-0095)*		
08 17 23 00-0137	EA	2'-0" Or 2'-4" x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door	1,086.11	74.36
		For 8' Door Height, Add	*224.97*	
08 17 23 00-0138	EA	2'-6" x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door	1,125.09	74.36
		For 8' Door Height, Add	*234.33*	
08 17 23 00-0139	EA	2'-8" x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door	1,144.10	77.34
		For 8' Door Height, Add	*237.46*	
08 17 23 00-0140	EA	3' x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door	1,189.09	80.31
		For 8' Door Height, Add	*246.83*	
08 17 23 00-0141	EA	3'-4" x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door	1,302.23	80.31
		For 8' Door Height, Add	*273.99*	
08 17 23 00-0142	EA	3'-6" x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door	1,422.43	83.29
		For 8' Door Height, Add	*301.41*	
08 17 23 00-0143	EA	Pair 2' x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door	2,118.70	121.95
		For 8' Door Height, Add	*449.95*	
08 17 23 00-0144	EA	Pair 2'-6" x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door	2,214.48	130.88
		For 8' Door Height, Add	*468.66*	
08 17 23 00-0145	EA	Pair 3' x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door	2,336.54	139.79
		For 8' Door Height, Add	*493.66*	

08 18 Glass Doors *(08 10)*

08 18 16 Sliding Glass Doors *(08 18)*

08 18 16 00-0001 Sliding Aluminum-Framed Glass Doors *(08 18 16)*

08 18 16 00-0002 Residential Sliding Aluminum-Framed Glass Doors *(08 18 16 00-0001)*

08 18 16 00-0003 5/8" Insulating Glass, Sliding Aluminum-Framed Glass Doors *(08 18 16 00-0002)*

08 18 16 00-0004	SF	Up To 6' Wide Sliding Glass Door 5/8" Insulated Glass With Frame, Trim, Hardware	44.63	5.35
		For Custom Quality, Add	*7.62*	
		For Tempered Glass, Add	*1.42*	
		For Anodized Or Colored Aluminum Frames, Add	*5.48*	
08 18 16 00-0005	SF	>6' Up To 12' Wide Sliding Glass Door 5/8" Insulated Glass With Frame, Trim, Hardware	37.38	3.33
		For Custom Quality, Add	*7.28*	
		For Tempered Glass, Add	*1.42*	
		For Anodized Or Colored Aluminum Frames, Add	*5.24*	

08 18 16 00-0006 1" Insulating Glass, Sliding Aluminum-Framed Glass Doors *(08 18 16 00-0002)*

08 18 16 00-0007	SF	Up To 6' Wide Sliding Glass Door 1" Insulated Glass With Frame, Trim, Hardware	50.09	5.35
		For Custom Quality, Add	*8.98*	
		For Tempered Glass, Add	*1.42*	
		For Anodized Or Colored Aluminum Frames, Add	*6.47*	
08 18 16 00-0008	SF	>6' Up To 12' Wide Sliding Glass Door 1" Insulated Glass With Frame, Trim, Hardware	42.76	3.33
		For Custom Quality, Add	*8.63*	
		For Tempered Glass, Add	*1.42*	
		For Anodized Or Colored Aluminum Frames, Add	*6.21*	

08 18 16 00-0009 Sliding Wood-Framed Glass Doors *(08 18 16)*

08 18 16 00-0010 Residential Wood Sliding Doors With 5/8" Glass *(08 18 16 00-0009)*

08 18 16 00-0011	EA	6' x 6' 8" Sliding Glass Door, Wood, 5/8" Insulated Glass With Frame, Trim, Hardware	1,934.36	160.62
08 18 16 00-0012	EA	8' x 6' 8" Sliding Glass Door, Wood, 5/8" Insulated Glass With Frame, Trim, Hardware	2,361.52	196.31
08 18 16 00-0013	EA	9' x 6' 8" Sliding Glass Door, Wood, 5/8" Insulated Glass With Frame, Trim, Hardware	2,728.56	226.06
08 18 16 00-0014	EA	6' x 6' 8" Sliding Glass Door, Wood, 5/8" Insulated Glass With Grille, Frame, Trim, Hardware	2,122.06	160.62
08 18 16 00-0015	EA	8' x 6' 8" Sliding Glass Door, Wood, 5/8" Insulated Glass With Grille, Frame, Trim, Hardware	2,603.94	196.31
08 18 16 00-0016	EA	9' x 6' 8" Sliding Glass Door, Wood, 5/8" Insulated Glass With Grille, Frame, Trim, Hardware	3,028.57	226.06

08 30 Specialty Doors and Frames *(08)*

Note: Includes caulk, sealant and mounting anchors.

08 31 Access Doors and Panels *(08 30)*

See CSI section 07 72 33 00-0000 for roof hatches, 23 33 33 00-0000 for duct-mounted access doors.

08 31 13 Access Doors and Frames *(08 31)*

08 31 13 00-0001 Stainless Steel Access Doors *(08 31 13)*

08 31 13 00-0002 Fire Rated Stainless Steel Access Doors *(08 31 13 00-0001)*

08 31 13 00-0003	EA	24" x 18" Fire Rated Stainless Steel Access Door With Lock	719.93	67.36
		For Ceiling Mounted, Add	*29.30*	
		For Masonry Installation, Add	*27.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 31 13 00-0004	EA	24" x 24" Fire Rated Stainless Steel Access Door With Lock	736.71	67.71
		For Ceiling Mounted, Add	*29.84*	
		For Masonry Installation, Add	*27.63*	
08 31 13 00-0005		**Stainless Steel Access Doors** *(08 31 13 00-0001)*		
08 31 13 00-0006	EA	24" x 18" Stainless Steel Access Door With Lock	384.49	67.36
		For Ceiling Mounted, Add	*19.24*	
		For Masonry Installation, Add	*17.04*	
08 31 13 00-0007	EA	24" x 24" Stainless Steel Access Door With Lock	439.57	67.71
		For Ceiling Mounted, Add	*20.93*	
		For Masonry Installation, Add	*18.71*	
08 31 13 00-0008		**Steel Access Doors** *(08 31 13)*		
		Note: Includes paintable powder coated finish.		
08 31 13 00-0009		**Insulated Fire Rated Steel Access Doors** *(08 31 13 00-0008)*		
08 31 13 00-0010	EA	24" x 18" Fire Rated Steel Access Door With Lock	454.28	67.71
		For Ceiling Mounted, Add	*21.37*	
		For Masonry Installation, Add	*19.16*	
08 31 13 00-0011	EA	24" x 24" Fire Rated Steel Access Door With Lock	475.84	67.71
		For Ceiling Mounted, Add	*22.01*	
		For Masonry Installation, Add	*19.80*	
08 31 13 00-0012		**Steel Access Doors** *(08 31 13 00-0008)*		
08 31 13 00-0013	EA	24" x 18" Steel Access Door With Lock	227.92	67.71
		For Ceiling Mounted, Add	*14.58*	
		For Masonry Installation, Add	*12.37*	
08 31 13 00-0014	EA	24" x 24" Steel Access Door With Lock	233.87	67.71
		For Ceiling Mounted, Add	*14.75*	
		For Masonry Installation, Add	*12.54*	
08 31 13 00-0015		**Steel Recessed Access Doors For Drywall Application** *(08 31 13)*		
		Note: Includes paintable powder coated finish.		
08 31 13 00-0016	EA	24" x 18" Recessed Steel Access Door With Cam Latch	307.94	55.26
		For Recessed Doors In Acoustical Tile, Add	*14.61*	
08 31 13 00-0017	EA	24" x 24" Recessed Steel Access Door With Cam Latch	339.30	55.26
		For Recessed Doors In Acoustical Tile, Add	*9.91*	
08 31 13 00-0018		**Steel Crawl Space Doors And Frames** *(08 31 13)*		
		Note: Includes paintable powder coated finish.		
08 31 13 00-0019	EA	24" x 24" Steel Crawl Space Door With Cam Latch	251.18	73.64
08 31 13 00-0020	EA	30" x 24" Steel Crawl Space Door With Cam Latch	357.39	89.24
08 31 13 00-0021	EA	30" x 30" Steel Crawl Space Door With Cam Latch	401.48	96.91

08 33 Coiling Doors and Grilles *(08 30)*

08 33 13 Coiling Counter Doors *(08 33)*

08 33 13 00-0001 Overhead Rolling Counter Doors *(08 33 13)*

08 33 13 00-0002 Galvanized Steel Overhead Rolling Counter Doors *(08 33 13 00-0001)*

Note: Includes necessary anchors, track and hardware. Includes galvanized steel primed with choice of baked-on polyester topcoat finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.

08 33 13 00-0003	EA	4' x 4', Galvanized Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 650)	6,302.23	533.61
		For Motor Operator (With Safety Reverse), Add	*783.40*	
08 33 13 00-0004	EA	6' x 4', Galvanized Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 650)	6,603.33	533.61
		For Motor Operator (With Safety Reverse), Add	*783.40*	
08 33 13 00-0005	EA	8' x 4', Galvanized Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 650)	7,122.24	566.96
		For Motor Operator (With Safety Reverse), Add	*790.13*	
08 33 13 00-0006	EA	10' x 4', Galvanized Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 650)	7,681.29	667.00
		For Motor Operator (With Safety Reverse), Add	*815.92*	
08 33 13 00-0007	EA	4' x 6', Galvanized Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 650)	7,657.19	533.61
		For Motor Operator (With Safety Reverse), Add	*783.40*	
08 33 13 00-0008	EA	6' x 6', Galvanized Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 650)	8,031.24	592.83
		For Motor Operator (With Safety Reverse), Add	*798.22*	
08 33 13 00-0009	EA	8' x 6', Galvanized Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 650)	8,241.07	616.58
		For Motor Operator (With Safety Reverse), Add	*804.15*	
08 33 13 00-0010	EA	10' x 6', Galvanized Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 650)	8,743.45	667.00
		For Motor Operator (With Safety Reverse), Add	*816.75*	

08 33 13 00-0011 Stainless Steel Overhead Rolling Counter Doors *(08 33 13 00-0001)*

Note: Includes necessary anchors, track and hardware. Includes No. 4 stainless steel finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.

08 33 13 00-0012	EA	4' x 4', Stainless Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 651)	7,054.99	533.61
		For Motor Operator (With Safety Reverse), Add	*783.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 13 00-0013	EA	6' x 4', Stainless Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 651)	7,883.02	533.61
		For Motor Operator (With Safety Reverse), Add	*783.40*	
08 33 13 00-0014	EA	8' x 4', Stainless Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 651)	8,100.82	566.96
		For Motor Operator (With Safety Reverse), Add	*790.13*	
08 33 13 00-0015	EA	10' x 4', Stainless Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 651)	9,864.29	667.00
		For Motor Operator (With Safety Reverse), Add	*815.92*	
08 33 13 00-0016	EA	4' x 6', Stainless Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 651)	8,409.95	533.61
		For Motor Operator (With Safety Reverse), Add	*783.40*	
08 33 13 00-0017	EA	6' x 6', Stainless Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 651)	8,708.73	592.83
		For Motor Operator (With Safety Reverse), Add	*798.22*	
08 33 13 00-0018	EA	8' x 6', Stainless Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 651)	8,918.56	616.58
		For Motor Operator (With Safety Reverse), Add	*804.15*	
08 33 13 00-0019	EA	10' x 6', Stainless Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 651)	11,302.84	667.00
		For Motor Operator (With Safety Reverse), Add	*816.75*	

08 33 13 00-0020 Aluminum Overhead Rolling Counter Doors *(08 33 13 00-0001)*

Note: Includes necessary anchors, track and hardware. Includes clear anodized aluminum finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.

08 33 13 00-0021	EA	4' x 4', Aluminum Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 652)	6,904.43	533.61
		For Motor Operator (With Safety Reverse), Add	*783.40*	
08 33 13 00-0022	EA	6' x 4', Aluminum Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 652)	7,205.54	533.61
		For Motor Operator (With Safety Reverse), Add	*783.40*	
08 33 13 00-0023	EA	8' x 4', Aluminum Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 652)	8,025.55	566.96
		For Motor Operator (With Safety Reverse), Add	*790.13*	
08 33 13 00-0024	EA	10' x 4', Aluminum Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 652)	9,487.91	667.00
		For Motor Operator (With Safety Reverse), Add	*815.92*	
08 33 13 00-0025	EA	4' x 6', Aluminum Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 652)	8,259.40	533.61
		For Motor Operator (With Safety Reverse), Add	*783.40*	
08 33 13 00-0026	EA	6' x 6', Aluminum Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 652)	8,633.45	592.83
		For Motor Operator (With Safety Reverse), Add	*798.22*	
08 33 13 00-0027	EA	8' x 6', Aluminum Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 652)	8,880.92	616.58
		For Motor Operator (With Safety Reverse), Add	*804.15*	
08 33 13 00-0028	EA	10' x 6', Aluminum Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 652)	11,152.29	667.00
		For Motor Operator (With Safety Reverse), Add	*816.75*	

08 33 13 00-0029 Galvanized Steel Overhead Rolling Counter Fire Doors *(08 33 13 00-0001)*

Note: Includes necessary anchors, track and hardware. Includes galvanized steel primed with choice of baked-on polyester top coat finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.

08 33 13 00-0030	EA	4' x 4', Galvanized Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 640)	8,108.85	533.61
		For Motor Operator (With Safety Reverse), Add	*783.40*	
08 33 13 00-0031	EA	6' x 4', Galvanized Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 640)	8,560.51	533.61
		For Motor Operator (With Safety Reverse), Add	*783.40*	
08 33 13 00-0032	EA	8' x 4', Galvanized Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 640)	9,229.96	566.96
		For Motor Operator (With Safety Reverse), Add	*790.13*	
08 33 13 00-0033	EA	10' x 4', Galvanized Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 640)	9,939.57	667.00
		For Motor Operator (With Safety Reverse), Add	*815.92*	
08 33 13 00-0034	EA	4' x 6', Galvanized Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 640)	9,012.16	533.61
		For Motor Operator (With Safety Reverse), Add	*783.40*	
08 33 13 00-0035	EA	6' x 6', Galvanized Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 640)	9,461.49	592.83
		For Motor Operator (With Safety Reverse), Add	*798.22*	
08 33 13 00-0036	EA	8' x 6', Galvanized Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 640)	9,821.87	616.58
		For Motor Operator (With Safety Reverse), Add	*804.15*	
08 33 13 00-0037	EA	10' x 6', Galvanized Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 640)	10,098.42	667.00
		For Motor Operator (With Safety Reverse), Add	*816.75*	

08 33 13 00-0038 Stainless Steel Overhead Rolling Counter Fire Doors *(08 33 13 00-0001)*

Note: Includes necessary anchors, track and hardware. Includes No. 4 stainless steel finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.

08 33 13 00-0039	EA	4' x 4', Stainless Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 641)	9,162.71	533.61
		For Motor Operator (With Safety Reverse), Add	*783.40*	
08 33 13 00-0040	EA	6' x 4', Stainless Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 641)	10,367.13	533.61
		For Motor Operator (With Safety Reverse), Add	*783.40*	
08 33 13 00-0041	EA	8' x 4', Stainless Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 641)	10,584.93	566.96
		For Motor Operator (With Safety Reverse), Add	*790.13*	
08 33 13 00-0042	EA	10' x 4', Stainless Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 641)	12,950.61	667.00
		For Motor Operator (With Safety Reverse), Add	*815.92*	
08 33 13 00-0043	EA	4' x 6', Stainless Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 641)	9,915.47	533.61
		For Motor Operator (With Safety Reverse), Add	*783.40*	
08 33 13 00-0044	EA	6' x 6', Stainless Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 641)	10,289.52	592.83
		For Motor Operator (With Safety Reverse), Add	*798.22*	
08 33 13 00-0045	EA	8' x 6', Stainless Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 641)	10,649.91	616.58
		For Motor Operator (With Safety Reverse), Add	*804.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 13 00-0046	EA	10' x 6', Stainless Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 641)	13,109.46	667.00
		For Motor Operator (With Safety Reverse), Add	*816.75*	

08 33 13 00-0047 Integral Frame And Sill, Overhead Rolling Counter Doors *(08 33 13)*

08 33 13 00-0048 Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Stainless Steel Frame and Sill *(08 33 13 00-0047)*

Note: Includes necessary anchors, track and hardware. Stainless surfaces feature a standard No. 4 finish, aluminum slats are finished with clear anodized finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.

08 33 13 00-0049	EA	4' x 4', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 655)	13,077.07	533.61
		For Motor Operator (With Safety Reverse), Add	*783.40*	
08 33 13 00-0050	EA	6' x 4', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 655)	13,378.17	533.61
		For Motor Operator (With Safety Reverse), Add	*783.40*	
08 33 13 00-0051	EA	8' x 4', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 655)	20,593.20	566.96
		For Motor Operator (With Safety Reverse), Add	*790.13*	
08 33 13 00-0052	EA	10' x 4', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 655)	14,305.58	667.00
		For Motor Operator (With Safety Reverse), Add	*815.92*	
08 33 13 00-0053	EA	4' x 6', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 655)	13,528.72	533.61
		For Motor Operator (With Safety Reverse), Add	*783.40*	
08 33 13 00-0054	EA	6' x 6', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 655)	13,978.05	592.83
		For Motor Operator (With Safety Reverse), Add	*798.22*	
08 33 13 00-0055	EA	8' x 6', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 655)	14,338.43	616.58
		For Motor Operator (With Safety Reverse), Add	*804.15*	
08 33 13 00-0056	EA	10' x 6', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 655)	15,969.95	667.00
		For Motor Operator (With Safety Reverse), Add	*816.75*	

08 33 13 00-0057 Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Galvanized Frame and Stainless Steel Sill *(08 33 13 00-0047)*

Note: Includes necessary anchors, track and hardware. Galvanized steel surfaces feature a baked-on primer coat to enhance overall durability and minimize field painting. Stainless surfaces feature a standard No. 4 finish, aluminum slats are finished with clear anodized finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.

08 33 13 00-0058	EA	4' x 4', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 656)	11,571.55	533.61
		For Motor Operator (With Safety Reverse), Add	*783.40*	
08 33 13 00-0059	EA	6' x 4', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 656)	11,872.65	533.61
		For Motor Operator (With Safety Reverse), Add	*783.40*	
08 33 13 00-0060	EA	8' x 4', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 656)	12,241.00	566.96
		For Motor Operator (With Safety Reverse), Add	*790.13*	
08 33 13 00-0061	EA	10' x 4', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 656)	12,800.06	667.00
		For Motor Operator (With Safety Reverse), Add	*815.92*	
08 33 13 00-0062	EA	4' x 6', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 656)	12,926.51	533.61
		For Motor Operator (With Safety Reverse), Add	*783.40*	
08 33 13 00-0063	EA	6' x 6', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 656)	13,375.84	592.83
		For Motor Operator (With Safety Reverse), Add	*798.22*	
08 33 13 00-0064	EA	8' x 6', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 656)	13,886.77	616.58
		For Motor Operator (With Safety Reverse), Add	*804.15*	
08 33 13 00-0065	EA	10' x 6', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 656)	14,313.88	667.00
		For Motor Operator (With Safety Reverse), Add	*816.75*	

08 33 13 00-0066 Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Doors With Stainless Steel Frame and Sill *(08 33 13 00-0047)*

Note: Includes necessary anchors, track and hardware. Stainless surfaces feature a standard No. 4 finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.

08 33 13 00-0067	EA	4' x 4', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 657)	17,894.73	533.61
		For Motor Operator (With Safety Reverse), Add	*783.40*	
08 33 13 00-0068	EA	6' x 4', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 657)	19,400.25	533.61
		For Motor Operator (With Safety Reverse), Add	*783.40*	
08 33 13 00-0069	EA	8' x 4', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 657)	22,478.54	566.96
		For Motor Operator (With Safety Reverse), Add	*790.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 13 00-0070	EA	10' x 4', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 657)	24,242.01	667.00
		For Motor Operator (With Safety Reverse), Add	*815.92*	
08 33 13 00-0071	EA	4' x 6', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 657)	20,153.01	533.61
		For Motor Operator (With Safety Reverse), Add	*783.40*	
08 33 13 00-0072	EA	6' x 6', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 657)	21,806.75	592.83
		For Motor Operator (With Safety Reverse), Add	*798.22*	
08 33 13 00-0073	EA	8' x 6', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 657)	24,124.31	616.58
		For Motor Operator (With Safety Reverse), Add	*804.15*	
08 33 13 00-0074	EA	10' x 6', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 657)	27,261.35	667.00
		For Motor Operator (With Safety Reverse), Add	*816.75*	

08 33 13 00-0075 Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Doors With Galvanized Frame and Stainless Steel Sill *(08 33 13 00-0047)*

Note: Includes necessary anchors, track and hardware. Galvanized steel surfaces feature a baked-on primer coat to enhance overall durability and minimize field painting. Stainless surfaces feature a standard No. 4 finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.

08 33 13 00-0076	EA	4' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 658)	15,184.79	533.61
		For Motor Operator (With Safety Reverse), Add	*783.40*	
08 33 13 00-0077	EA	6' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 658)	15,485.90	533.61
		For Motor Operator (With Safety Reverse), Add	*783.40*	
08 33 13 00-0078	EA	8' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 658)	16,155.36	566.96
		For Motor Operator (With Safety Reverse), Add	*790.13*	
08 33 13 00-0079	EA	10' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 658)	17,467.17	667.00
		For Motor Operator (With Safety Reverse), Add	*815.92*	
08 33 13 00-0080	EA	4' x 6', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 658)	16,088.11	533.61
		For Motor Operator (With Safety Reverse), Add	*783.40*	
08 33 13 00-0081	EA	6' x 6', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 658)	17,139.64	592.83
		For Motor Operator (With Safety Reverse), Add	*798.22*	
08 33 13 00-0082	EA	8' x 6', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 658)	18,102.23	616.58
		For Motor Operator (With Safety Reverse), Add	*804.15*	
08 33 13 00-0083	EA	10' x 6', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 658)	21,239.27	667.00
		For Motor Operator (With Safety Reverse), Add	*816.75*	

08 33 13 00-0084 Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Fire Doors With Stainless Steel Frame and Hood *(08 33 13 00-0047)*

Note: Includes necessary anchors, track and hardware. Stainless surfaces feature a standard No. 4 finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.

08 33 13 00-0085	EA	4' x 4', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Fire Doors With Stainless Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 660)	21,658.53	533.61
		For Motor Operator (With Safety Reverse), Add	*783.40*	
08 33 13 00-0086	EA	6' x 4', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Fire Doors With Stainless Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 660)	22,411.29	533.61
		For Motor Operator (With Safety Reverse), Add	*783.40*	
08 33 13 00-0087	EA	8' x 4', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Fire Doors With Stainless Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 660)	25,489.58	566.96
		For Motor Operator (With Safety Reverse), Add	*790.13*	

08 33 13 00-0088 Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Fire Doors With Galvanized Steel Frame and Hood *(08 33 13 00-0047)*

Note: Includes necessary anchors, track and hardware. Galvanized steel surfaces feature a baked-on primer coat to enhance overall durability and minimize field painting. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.

08 33 13 00-0089	EA	4' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Fire Doors With Galvanized Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 661)	16,389.21	533.61
		For Motor Operator (With Safety Reverse), Add	*783.40*	
08 33 13 00-0090	EA	6' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Fire Doors With Galvanized Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 661)	22,411.29	533.61
		For Motor Operator (With Safety Reverse), Add	*783.40*	
08 33 13 00-0091	EA	8' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Fire Doors With Galvanized Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 661)	25,489.58	566.96
		For Motor Operator (With Safety Reverse), Add	*790.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

08 33 13 00-0092 Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Fire Doors With Stainless Steel Frame and Hood *(08 33 13 00-0047)*

Note: Includes necessary anchors, track and hardware. Galvanized steel surfaces feature a baked-on primer coat to enhance overall durability and minimize field painting. Stainless surfaces feature a standard No. 4 finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.

08 33 13 00-0093	EA	4' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Fire Doors With Stainless Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 662)	14,281.48	533.61
		For Motor Operator (With Safety Reverse), Add	*783.40*	
08 33 13 00-0094	EA	6' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Fire Doors With Stainless Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 662)	16,088.11	533.61
		For Motor Operator (With Safety Reverse), Add	*783.40*	
08 33 13 00-0095	EA	8' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Fire Doors With Stainless Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 662)	17,209.22	566.96
		For Motor Operator (With Safety Reverse), Add	*790.13*	
08 33 13 00-0096	EA	10' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Fire Doors With Stainless Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 662)	18,972.69	667.00
		For Motor Operator (With Safety Reverse), Add	*815.92*	

08 33 16 Coiling Counter Grilles *(08 33)*

08 33 16 00-0001 Galvanized Steel Overhead Coiling Counter Grilles (Width x Height) *(08 33 16)*

08 33 16 00-0002	EA	4' x 4', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift	1,855.44	233.45
		For Lexan Lattice Pattern, Add	*178.27*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*103.71*	
		For Staggered Brick Pattern, Add	*184.63*	
08 33 16 00-0003	EA	6' x 4', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift	2,007.43	233.45
		For Lexan Lattice Pattern, Add	*201.06*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*142.71*	
		For Staggered Brick Pattern, Add	*250.47*	
08 33 16 00-0004	EA	8' x 4', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift	2,383.17	311.23
		For Lexan Lattice Pattern, Add	*224.07*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*181.73*	
		For Staggered Brick Pattern, Add	*316.31*	
08 33 16 00-0005	EA	12' x 4', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift	2,748.95	311.23
		For Lexan Lattice Pattern, Add	*278.94*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*259.74*	
		For Staggered Brick Pattern, Add	*448.00*	
08 33 16 00-0006	EA	16' x 4', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift	3,792.83	466.90
		For Lexan Lattice Pattern, Add	*368.82*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*389.12*	
		For Staggered Brick Pattern, Add	*590.74*	
08 33 16 00-0007	EA	18' x 4', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift	4,313.89	533.61
		For Lexan Lattice Pattern, Add	*413.77*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*389.12*	
		For Staggered Brick Pattern, Add	*590.74*	
08 33 16 00-0008	EA	20' x 4', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift	4,836.72	622.31
		For Lexan Lattice Pattern, Add	*458.71*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*518.49*	
		For Staggered Brick Pattern, Add	*733.48*	
08 33 16 00-0009	EA	24' x 4', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift	5,992.42	747.04
		For Lexan Lattice Pattern, Add	*578.19*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*622.20*	
		For Staggered Brick Pattern, Add	*758.46*	
08 33 16 00-0010	EA	30' x 4', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift	7,379.57	933.81
		For Lexan Lattice Pattern, Add	*706.73*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*728.26*	
		For Staggered Brick Pattern, Add	*870.63*	
08 33 16 00-0011	EA	4' x 6', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift	1,971.46	233.45
		For Lexan Lattice Pattern, Add	*195.67*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*155.54*	
		For Staggered Brick Pattern, Add	*214.50*	
08 33 16 00-0012	EA	6' x 6', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift	2,189.75	233.45
		For Lexan Lattice Pattern, Add	*228.41*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*233.29*	
		For Staggered Brick Pattern, Add	*291.73*	
08 33 16 00-0013	EA	8' x 6', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift	2,540.86	311.36
		For Lexan Lattice Pattern, Add	*247.73*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*311.03*	
		For Staggered Brick Pattern, Add	*368.96*	
08 33 16 00-0014	EA	12' x 6', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift	2,962.29	311.36
		For Lexan Lattice Pattern, Add	*310.94*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*466.64*	
		For Staggered Brick Pattern, Add	*523.40*	
08 33 16 00-0015	EA	16' x 6', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift	4,092.08	466.90
		For Lexan Lattice Pattern, Add	*413.71*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*622.20*	
		For Staggered Brick Pattern, Add	*720.53*	
08 33 16 00-0016	EA	18' x 6', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift	4,656.08	533.61
		For Lexan Lattice Pattern, Add	*465.09*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*622.20*	
		For Staggered Brick Pattern, Add	*720.53*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 16 00-0017	EA	20' x 6', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift	5,217.12	622.31
		For Lexan Lattice Pattern, Add	*516.48*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*777.75*	
		For Staggered Brick Pattern, Add	*917.65*	
08 33 16 00-0018	EA	24' x 6', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift	6,491.52	747.04
		For Lexan Lattice Pattern, Add	*653.05*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*933.29*	
		For Staggered Brick Pattern, Add	*1,057.87*	
08 33 16 00-0019	EA	30' x 6', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift	7,876.67	933.81
		For Lexan Lattice Pattern, Add	*781.30*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,086.60*	
		For Staggered Brick Pattern, Add	*1,185.94*	

08 33 23 Overhead Coiling Doors *(08 33)*

Note: Excludes lifting equipment (forklift or scissor lift) where required.

08 33 23 11 Overhead Coiling Doors *(08 33 23)*

Note: Includes panels, guides, counterbalance mechanisms, hardware, and/or trim as required. Excludes lifting equipment (forklift or scissor lift) where required.

08 33 23 11-0001 Galvanized Steel Overhead Coiling Doors (Width x Height) *(08 33 23 11)*

Note: Includes necessary anchors, track, and hardware. Includes galvanized steel primed with choice of baked-on polyester top coat finish. 20 psf wind load. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.

08 33 23 11-0002 26 Gauge Galvanized Steel Overhead Coiling Doors *(08 33 23 11-0001)*

08 33 23 11-0003	EA	4' x 7', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	1,376.42	596.48
08 33 23 11-0004	EA	4' x 8', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	1,471.87	631.57
08 33 23 11-0005	EA	5' x 7', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	1,468.92	631.57
08 33 23 11-0006	EA	5' x 8', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	1,568.21	666.65
08 33 23 11-0007	EA	6' x 7', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	1,596.50	684.23
08 33 23 11-0008	EA	6' x 8', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	1,730.55	736.84
08 33 23 11-0009	EA	6' x 9', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	1,840.87	771.92
08 33 23 11-0010	EA	8' x 7', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	1,811.71	771.92
08 33 23 11-0011	EA	8' x 8', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	1,867.92	789.46
08 33 23 11-0012	EA	8' x 9', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	1,933.53	807.01
08 33 23 11-0013	EA	8' x 10', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	2,062.72	842.10
08 33 23 11-0014	EA	10' x 7', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	1,929.46	807.01
08 33 23 11-0015	EA	10' x 8', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	2,043.31	842.10
08 33 23 11-0016	EA	10' x 9', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	2,171.72	877.18
08 33 23 11-0017	EA	10' x 10', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	2,271.98	912.27

08 33 23 11-0018 24 Gauge Galvanized Steel Overhead Coiling Doors *(08 33 23 11-0001)*

Note: With curtain hood (barrel cover).

08 33 23 11-0019	EA	8' x 7', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,169.05	887.71
		For 3/4" Insulated Slats, Add	*1,267.15*	
08 33 23 11-0020	EA	8' x 8', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,257.63	907.89
		For 3/4" Insulated Slats, Add	*1,308.32*	
08 33 23 11-0021	EA	8' x 10', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,519.90	968.41
		For 3/4" Insulated Slats, Add	*1,429.41*	
08 33 23 11-0022	EA	8' x 12', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,747.56	1,008.76
		For 3/4" Insulated Slats, Add	*1,549.72*	
08 33 23 11-0023	EA	10' x 7', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,384.24	928.06
		For 3/4" Insulated Slats, Add	*1,378.11*	
08 33 23 11-0024	EA	10' x 8', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,655.50	1,008.76
		For 3/4" Insulated Slats, Add	*1,480.68*	
08 33 23 11-0025	EA	10' x 10', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,846.05	1,049.11
		For 3/4" Insulated Slats, Add	*1,573.15*	
08 33 23 11-0026	EA	10' x 12', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	4,085.08	1,089.46
		For 3/4" Insulated Slats, Add	*1,701.98*	
08 33 23 11-0027	EA	12' x 7', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,608.87	968.41
		For 3/4" Insulated Slats, Add	*1,496.14*	
08 33 23 11-0028	EA	12' x 8', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,816.84	1,008.76
		For 3/4" Insulated Slats, Add	*1,601.68*	
08 33 23 11-0029	EA	12' x 10', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	4,105.54	1,089.46
		For 3/4" Insulated Slats, Add	*1,717.32*	
08 33 23 11-0030	EA	12' x 12', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	4,406.97	1,124.54
		For 3/4" Insulated Slats, Add	*1,899.54*	
08 33 23 11-0031	EA	14' x 8', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	4,523.23	1,194.73
		For 3/4" Insulated Slats, Add	*1,899.02*	
08 33 23 11-0032	EA	14' x 10', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	4,928.50	1,264.90
		For 3/4" Insulated Slats, Add	*2,115.26*	
08 33 23 11-0033	EA	14' x 12', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	5,349.83	1,335.07
		For 3/4" Insulated Slats, Add	*2,343.53*	

08 33 23 11-0034 22 Gauge Galvanized Steel Overhead Coiling Doors *(08 33 23 11-0001)*

Note: With curtain hood (barrel cover).

08 33 23 11-0035	EA	4' x 8', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	2,798.67	798.94
		For 3/4" Insulated Slats, Add	*1,100.33*	
08 33 23 11-0036	EA	4' x 10', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,007.60	843.34
		For 3/4" Insulated Slats, Add	*1,201.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 11-0037	EA	4' x 12', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,157.07	878.42
		For 3/4" Insulated Slats, Add	*1,269.75*	
08 33 23 11-0038	EA	6' x 8', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,199.36	932.10
		For 3/4" Insulated Slats, Add	*1,234.36*	
08 33 23 11-0039	EA	6' x 10', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,510.41	1,020.87
		For 3/4" Insulated Slats, Add	*1,356.68*	
08 33 23 11-0040	EA	6' x 12', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,703.27	1,055.96
		For 3/4" Insulated Slats, Add	*1,457.47*	
08 33 23 11-0041	EA	6' x 14', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	4,151.02	1,091.05
		For 3/4" Insulated Slats, Add	*1,749.42*	
08 33 23 11-0042	EA	6' x 16', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	4,633.86	1,143.68
		For 3/4" Insulated Slats, Add	*2,045.76*	
08 33 23 11-0043	EA	8' x 8', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,473.85	998.67
		For 3/4" Insulated Slats, Add	*1,357.07*	
08 33 23 11-0044	EA	8' x 10', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,754.68	1,065.26
		For 3/4" Insulated Slats, Add	*1,484.45*	
08 33 23 11-0045	EA	8' x 12', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,977.86	1,109.64
		For 3/4" Insulated Slats, Add	*1,596.30*	
08 33 23 11-0046	EA	8' x 14', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	4,408.71	1,144.73
		For 3/4" Insulated Slats, Add	*1,875.58*	
08 33 23 11-0047	EA	8' x 16', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	4,874.65	1,197.37
		For 3/4" Insulated Slats, Add	*2,159.25*	
08 33 23 11-0048	EA	10' x 10', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	4,092.62	1,154.02
		For 3/4" Insulated Slats, Add	*1,626.94*	
08 33 23 11-0049	EA	10' x 12', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	4,380.43	1,198.41
		For 3/4" Insulated Slats, Add	*1,787.27*	
08 33 23 11-0050	EA	10' x 14', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	4,898.25	1,268.59
		For 3/4" Insulated Slats, Add	*2,087.92*	
08 33 23 11-0051	EA	10' x 16', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	5,486.26	1,373.85
		For 3/4" Insulated Slats, Add	*2,397.35*	
08 33 23 11-0052	EA	10' x 18', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	6,099.01	1,514.20
		For 3/4" Insulated Slats, Add	*2,681.47*	
08 33 23 11-0053	EA	10' x 20', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	6,781.93	1,689.63
		For 3/4" Insulated Slats, Add	*2,974.37*	
08 33 23 11-0054	EA	10' x 22', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	7,535.02	1,900.16
		For 3/4" Insulated Slats, Add	*3,276.03*	
08 33 23 11-0055	EA	10' x 24', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	8,356.88	2,145.77
		For 3/4" Insulated Slats, Add	*3,585.41*	
08 33 23 11-0056	EA	12' x 10', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	4,393.77	1,198.41
		For 3/4" Insulated Slats, Add	*1,797.27*	
08 33 23 11-0057	EA	12' x 12', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	4,677.33	1,237.01
		For 3/4" Insulated Slats, Add	*1,961.70*	
08 33 23 11-0058	EA	12' x 14', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	5,317.57	1,307.19
		For 3/4" Insulated Slats, Add	*2,354.16*	
08 33 23 11-0059	EA	12' x 16', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	6,027.96	1,412.45
		For 3/4" Insulated Slats, Add	*2,755.38*	
08 33 23 11-0060	EA	12' x 18', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	6,739.18	1,552.80
		For 3/4" Insulated Slats, Add	*3,113.35*	
08 33 23 11-0061	EA	12' x 20', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	7,520.56	1,728.23
		For 3/4" Insulated Slats, Add	*3,480.10*	
08 33 23 11-0062	EA	12' x 22', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	8,372.13	1,938.76
		For 3/4" Insulated Slats, Add	*3,855.62*	
08 33 23 11-0063	EA	12' x 24', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	9,364.03	2,219.46
		For 3/4" Insulated Slats, Add	*4,248.67*	

08 33 23 11-0064 20 Gauge Galvanized Steel Overhead Coiling Doors *(08 33 23 11-0001)*

Note: With curtain hood (barrel cover)

08 33 23 11-0065	EA	14' x 10', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	5,342.78	1,395.44
		For 3/4" Insulated Slats, Add	*2,262.80*	
08 33 23 11-0066	EA	14' x 12', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	5,829.61	1,465.61
		For 3/4" Insulated Slats, Add	*2,540.21*	
08 33 23 11-0067	EA	14' x 14', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	6,408.63	1,535.79
		For 3/4" Insulated Slats, Add	*2,886.75*	
08 33 23 11-0068	EA	14' x 16', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	7,000.19	1,641.05
		For 3/4" Insulated Slats, Add	*3,198.85*	
08 33 23 11-0069	EA	14' x 18', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	7,693.41	1,781.40
		For 3/4" Insulated Slats, Add	*3,543.33*	
08 33 23 11-0070	EA	14' x 20', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	8,386.04	1,921.75
		For 3/4" Insulated Slats, Add	*3,887.37*	
08 33 23 11-0071	EA	14' x 22', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	9,771.38	2,097.18
		For 3/4" Insulated Slats, Add	*4,707.07*	
08 33 23 11-0072	EA	14' x 24', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	11,226.89	2,307.71
		For 3/4" Insulated Slats, Add	*5,535.55*	
08 33 23 11-0073	EA	16' x 10', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	6,400.96	1,604.75
		For 3/4" Insulated Slats, Add	*2,794.78*	
08 33 23 11-0074	EA	16' x 12', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	6,949.77	1,674.93
		For 3/4" Insulated Slats, Add	*3,118.67*	
08 33 23 11-0075	EA	16' x 14', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	7,442.53	1,745.10
		For 3/4" Insulated Slats, Add	*3,400.52*	
08 33 23 11-0076	EA	16' x 16', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	8,021.68	1,850.36
		For 3/4" Insulated Slats, Add	*3,703.30*	
08 33 23 11-0077	EA	16' x 18', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	8,717.72	1,990.72
		For 3/4" Insulated Slats, Add	*4,049.90*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 11-0078	EA	16' x 20', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	9,502.04	2,131.06
		For 3/4" Insulated Slats, Add	*4,462.71*	
08 33 23 11-0079	EA	16' x 22', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	10,671.89	2,306.49
		For 3/4" Insulated Slats, Add	*5,120.79*	
08 33 23 11-0080	EA	16' x 24', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	11,920.41	2,517.02
		For 3/4" Insulated Slats, Add	*5,794.03*	
08 33 23 11-0081	EA	18' x 10', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	6,952.54	1,805.35
		For 3/4" Insulated Slats, Add	*2,957.68*	
08 33 23 11-0082	EA	18' x 12', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	7,447.57	1,875.52
		For 3/4" Insulated Slats, Add	*3,241.23*	
08 33 23 11-0083	EA	18' x 14', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	8,234.23	1,980.79
		For 3/4" Insulated Slats, Add	*3,699.65*	
08 33 23 11-0084	EA	18' x 16', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	8,982.53	2,121.14
		For 3/4" Insulated Slats, Add	*4,085.44*	
08 33 23 11-0085	EA	18' x 18', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	9,805.36	2,296.57
		For 3/4" Insulated Slats, Add	*4,483.26*	
08 33 23 11-0086	EA	18' x 20', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	10,698.92	2,507.10
		For 3/4" Insulated Slats, Add	*4,890.28*	
08 33 23 11-0087	EA	18' x 22', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	12,167.22	2,752.71
		For 3/4" Insulated Slats, Add	*5,684.49*	
08 33 23 11-0088	EA	18' x 24', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	13,731.53	3,033.41
		For 3/4" Insulated Slats, Add	*6,506.85*	
08 33 23 11-0089	EA	20' x 10', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	7,953.12	2,076.16
		For 3/4" Insulated Slats, Add	*3,369.61*	
08 33 23 11-0090	EA	20' x 12', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	8,864.66	2,146.33
		For 3/4" Insulated Slats, Add	*3,965.54*	
08 33 23 11-0091	EA	20' x 14', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	10,082.99	2,538.45
		For 3/4" Insulated Slats, Add	*4,389.21*	
08 33 23 11-0092	EA	20' x 16', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	11,069.93	2,643.72
		For 3/4" Insulated Slats, Add	*4,997.84*	
08 33 23 11-0093	EA	20' x 18', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	12,263.34	2,784.07
		For 3/4" Insulated Slats, Add	*5,717.46*	
08 33 23 11-0094	EA	20' x 20', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	13,586.08	2,924.41
		For 3/4" Insulated Slats, Add	*6,534.07*	
08 33 23 11-0095	EA	20' x 22', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	14,985.07	3,099.86
		For 3/4" Insulated Slats, Add	*7,364.03*	
08 33 23 11-0096	EA	20' x 24', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	16,475.65	3,310.37
		For 3/4" Insulated Slats, Add	*8,218.81*	
08 33 23 11-0097	EA	22' x 10', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	8,791.43	2,457.76
		For 3/4" Insulated Slats, Add	*3,521.42*	
08 33 23 11-0098	EA	22' x 12', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	9,825.80	2,563.02
		For 3/4" Insulated Slats, Add	*4,165.61*	
08 33 23 11-0099	EA	22' x 14', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	11,255.74	2,792.29
		For 3/4" Insulated Slats, Add	*4,951.41*	
08 33 23 11-0100	EA	22' x 16', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	12,524.97	2,897.55
		For 3/4" Insulated Slats, Add	*5,771.75*	
08 33 23 11-0101	EA	22' x 18', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	13,868.43	3,037.91
		For 3/4" Insulated Slats, Add	*6,603.91*	
08 33 23 11-0102	EA	22' x 20', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	15,340.78	3,178.25
		For 3/4" Insulated Slats, Add	*7,532.74*	
08 33 23 11-0103	EA	22' x 22', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	16,887.54	3,353.69
		For 3/4" Insulated Slats, Add	*8,473.51*	
08 33 23 11-0104	EA	22' x 24', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	18,495.89	3,564.21
		For 3/4" Insulated Slats, Add	*9,416.62*	
08 33 23 11-0105	EA	24' x 10', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	9,687.29	2,703.52
		For 3/4" Insulated Slats, Add	*3,886.03*	
08 33 23 11-0106	EA	24' x 12', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	10,390.80	2,773.70
		For 3/4" Insulated Slats, Add	*4,325.95*	
08 33 23 11-0107	EA	24' x 14', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	11,874.07	2,843.87
		For 3/4" Insulated Slats, Add	*5,350.68*	
08 33 23 11-0108	EA	24' x 16', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	13,283.93	2,949.13
		For 3/4" Insulated Slats, Add	*6,276.50*	
08 33 23 11-0109	EA	24' x 18', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	14,711.18	3,089.48
		For 3/4" Insulated Slats, Add	*7,171.50*	
08 33 23 11-0110	EA	24' x 20', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	16,266.34	3,229.83
		For 3/4" Insulated Slats, Add	*8,162.44*	
08 33 23 11-0111	EA	24' x 22', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	18,164.82	3,422.81
		For 3/4" Insulated Slats, Add	*9,345.07*	
08 33 23 11-0112	EA	24' x 24', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	20,106.47	3,615.79
		For 3/4" Insulated Slats, Add	*10,560.08*	

08 33 23 11-0113 18 Gauge Galvanized Steel Overhead Coiling Doors *(08 33 23 11-0001)*

Note: With curtain hood (barrel cover).

08 33 23 11-0114	EA	14' x 10', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	5,865.07	1,465.25
		For 3/4" Insulated Slats, Add	*2,567.33*	
08 33 23 11-0115	EA	14' x 12', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	6,410.91	1,538.93
		For 3/4" Insulated Slats, Add	*2,884.61*	
08 33 23 11-0116	EA	14' x 14', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	7,062.72	1,612.61
		For 3/4" Insulated Slats, Add	*3,281.37*	
08 33 23 11-0117	EA	14' x 16', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	7,721.97	1,723.07
		For 3/4" Insulated Slats, Add	*3,637.65*	
08 33 23 11-0118	EA	14' x 18', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	8,491.11	1,870.43
		For 3/4" Insulated Slats, Add	*4,030.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 11-0119	EA	14' x 20', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	9,259.57	2,017.80
		For 3/4" Insulated Slats, Add	*4,422.43*	
08 33 23 11-0120	EA	14' x 22', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	10,817.62	2,202.08
		For 3/4" Insulated Slats, Add	*5,360.70*	
08 33 23 11-0121	EA	14' x 24', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	12,449.34	2,423.13
		For 3/4" Insulated Slats, Add	*6,308.19*	
08 33 23 11-0122	EA	16' x 10', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	7,040.09	1,685.03
		For 3/4" Insulated Slats, Add	*3,173.86*	
08 33 23 11-0123	EA	16' x 12', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	7,657.20	1,758.71
		For 3/4" Insulated Slats, Add	*3,544.59*	
08 33 23 11-0124	EA	16' x 14', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	8,209.84	1,832.40
		For 3/4" Insulated Slats, Add	*3,866.97*	
08 33 23 11-0125	EA	16' x 16', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	8,854.80	1,942.85
		For 3/4" Insulated Slats, Add	*4,212.53*	
08 33 23 11-0126	EA	16' x 18', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	9,627.18	2,090.22
		For 3/4" Insulated Slats, Add	*4,607.60*	
08 33 23 11-0127	EA	16' x 20', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	10,501.09	2,237.58
		For 3/4" Insulated Slats, Add	*5,078.83*	
08 33 23 11-0128	EA	16' x 22', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	11,811.31	2,421.87
		For 3/4" Insulated Slats, Add	*5,831.24*	
08 33 23 11-0129	EA	16' x 24', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	13,205.01	2,642.92
		For 3/4" Insulated Slats, Add	*6,600.20*	
08 33 23 11-0130	EA	18' x 10', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	7,634.30	1,895.56
		For 3/4" Insulated Slats, Add	*3,356.19*	
08 33 23 11-0131	EA	18' x 12', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	8,189.53	1,969.24
		For 3/4" Insulated Slats, Add	*3,680.51*	
08 33 23 11-0132	EA	18' x 14', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	9,073.15	2,079.84
		For 3/4" Insulated Slats, Add	*4,205.07*	
08 33 23 11-0133	EA	18' x 16', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	9,905.64	2,227.20
		For 3/4" Insulated Slats, Add	*4,645.22*	
08 33 23 11-0134	EA	18' x 18', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	10,816.78	2,411.34
		For 3/4" Insulated Slats, Add	*5,098.32*	
08 33 23 11-0135	EA	18' x 20', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	11,802.29	2,632.39
		For 3/4" Insulated Slats, Add	*5,561.14*	
08 33 23 11-0136	EA	18' x 22', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	13,441.70	2,890.35
		For 3/4" Insulated Slats, Add	*6,468.34*	
08 33 23 11-0137	EA	18' x 24', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	15,184.53	3,185.09
		For 3/4" Insulated Slats, Add	*7,407.04*	
08 33 23 11-0138	EA	20' x 10', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	8,730.81	2,179.90
		For 3/4" Insulated Slats, Add	*3,823.14*	
08 33 23 11-0139	EA	20' x 12', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	9,765.03	2,253.58
		For 3/4" Insulated Slats, Add	*4,506.70*	
08 33 23 11-0140	EA	20' x 14', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	10,893.11	2,665.38
		For 3/4" Insulated Slats, Add	*4,838.12*	
08 33 23 11-0141	EA	20' x 16', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	11,976.87	2,775.97
		For 3/4" Insulated Slats, Add	*5,512.78*	
08 33 23 11-0142	EA	20' x 18', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	13,285.70	2,923.33
		For 3/4" Insulated Slats, Add	*6,310.19*	
08 33 23 11-0143	EA	20' x 20', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	14,738.26	3,070.70
		For 3/4" Insulated Slats, Add	*7,215.41*	
08 33 23 11-0144	EA	20' x 22', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	16,271.27	3,254.84
		For 3/4" Insulated Slats, Add	*8,134.91*	
08 33 23 11-0145	EA	20' x 24', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	17,901.73	3,475.89
		For 3/4" Insulated Slats, Add	*9,081.44*	
08 33 23 11-0146	EA	22' x 10', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	9,467.84	2,580.60
		For 3/4" Insulated Slats, Add	*3,875.13*	
08 33 23 11-0147	EA	22' x 12', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	10,604.27	2,691.19
		For 3/4" Insulated Slats, Add	*4,589.30*	
08 33 23 11-0148	EA	22' x 14', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	12,165.16	2,931.89
		For 3/4" Insulated Slats, Add	*5,458.91*	
08 33 23 11-0149	EA	22' x 16', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	13,562.54	3,042.49
		For 3/4" Insulated Slats, Add	*6,368.79*	
08 33 23 11-0150	EA	22' x 18', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	15,038.14	3,189.86
		For 3/4" Insulated Slats, Add	*7,291.28*	
08 33 23 11-0151	EA	22' x 20', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	16,656.91	3,337.23
		For 3/4" Insulated Slats, Add	*8,321.15*	
08 33 23 11-0152	EA	22' x 22', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	18,354.09	3,521.36
		For 3/4" Insulated Slats, Add	*9,363.78*	
08 33 23 11-0153	EA	22' x 24', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	20,115.42	3,742.41
		For 3/4" Insulated Slats, Add	*10,408.47*	
08 33 23 11-0154	EA	24' x 10', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	10,433.18	2,838.71
		For 3/4" Insulated Slats, Add	*4,276.50*	
08 33 23 11-0155	EA	24' x 12', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	11,206.29	2,912.39
		For 3/4" Insulated Slats, Add	*4,764.24*	
08 33 23 11-0156	EA	24' x 14', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	12,845.77	2,986.07
		For 3/4" Insulated Slats, Add	*5,901.74*	
08 33 23 11-0157	EA	24' x 16', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	14,399.43	3,096.53
		For 3/4" Insulated Slats, Add	*6,928.82*	
08 33 23 11-0158	EA	24' x 18', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	15,968.12	3,243.89
		For 3/4" Insulated Slats, Add	*7,921.13*	
08 33 23 11-0159	EA	24' x 20', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	17,678.92	3,391.26
		For 3/4" Insulated Slats, Add	*9,020.03*	
08 33 23 11-0160	EA	24' x 22', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	19,764.81	3,593.92
		For 3/4" Insulated Slats, Add	*10,331.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 11-0161	EA	24' x 24', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	21,898.54	3,796.58
		For 3/4" Insulated Slats, Add	*11,678.17*	
08 33 23 11-0162		**Aluminum Overhead Coiling Doors (Width x Height)** *(08 33 23 11)* Note: Includes necessary anchors, track and hardware. Includes clear anodized aluminum finish. 20 psf wind load. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.		
08 33 23 11-0163		**0.04" Aluminum Overhead Coiling Doors** *(08 33 23 11-0162)*		
08 33 23 11-0164	EA	4' x 8', 0.04" Aluminum Overhead Coiling Door, Chain Lift	2,814.34	798.94
08 33 23 11-0165	EA	4' x 10', 0.04" Aluminum Overhead Coiling Door, Chain Lift	3,022.44	843.34
08 33 23 11-0166	EA	4' x 12', 0.04" Aluminum Overhead Coiling Door, Chain Lift	3,537.62	878.42
08 33 23 11-0167	EA	6' x 8', 0.04" Aluminum Overhead Coiling Door, Chain Lift	3,441.01	932.10
08 33 23 11-0168	EA	6' x 10', 0.04" Aluminum Overhead Coiling Door, Chain Lift	3,766.08	1,020.87
08 33 23 11-0169	EA	6' x 12', 0.04" Aluminum Overhead Coiling Door, Chain Lift	3,983.86	1,055.96
08 33 23 11-0170	EA	6' x 14', 0.04" Aluminum Overhead Coiling Door, Chain Lift	4,245.87	1,091.05
08 33 23 11-0171	EA	6' x 16', 0.04" Aluminum Overhead Coiling Door, Chain Lift	4,546.19	1,143.68
08 33 23 11-0172	EA	8' x 8', 0.04" Aluminum Overhead Coiling Door, Chain Lift	3,756.17	998.67
08 33 23 11-0173	EA	8' x 10', 0.04" Aluminum Overhead Coiling Door, Chain Lift	4,089.07	1,065.26
08 33 23 11-0174	EA	8' x 12', 0.04" Aluminum Overhead Coiling Door, Chain Lift	4,380.75	1,109.64
08 33 23 11-0175	EA	8' x 14', 0.04" Aluminum Overhead Coiling Door, Chain Lift	4,642.98	1,144.73
08 33 23 11-0176	EA	8' x 16', 0.04" Aluminum Overhead Coiling Door, Chain Lift	4,941.35	1,197.37
08 33 23 11-0177	EA	10' x 10', 0.04" Aluminum Overhead Coiling Door, Chain Lift	4,485.10	1,154.02
08 33 23 11-0178	EA	10' x 12', 0.04" Aluminum Overhead Coiling Door, Chain Lift	4,772.18	1,198.41
08 33 23 11-0179	EA	10' x 14', 0.04" Aluminum Overhead Coiling Door, Chain Lift	5,157.01	1,268.59
08 33 23 11-0180	EA	10' x 16', 0.04" Aluminum Overhead Coiling Door, Chain Lift	5,613.39	1,373.85
08 33 23 11-0181	EA	10' x 18', 0.04" Aluminum Overhead Coiling Door, Chain Lift	6,314.52	1,514.20
08 33 23 11-0182	EA	10' x 20', 0.04" Aluminum Overhead Coiling Door, Chain Lift	7,085.71	1,689.63
08 33 23 11-0183	EA	10' x 22', 0.04" Aluminum Overhead Coiling Door, Chain Lift	7,923.07	1,900.16
08 33 23 11-0184	EA	10' x 24', 0.04" Aluminum Overhead Coiling Door, Chain Lift	8,831.77	2,145.77
08 33 23 11-0185	EA	12' x 10', 0.04" Aluminum Overhead Coiling Door, Chain Lift	4,767.20	1,198.41
08 33 23 11-0186	EA	12' x 12', 0.04" Aluminum Overhead Coiling Door, Chain Lift	5,323.21	1,237.01
08 33 23 11-0187	EA	12' x 14', 0.04" Aluminum Overhead Coiling Door, Chain Lift	5,836.72	1,307.19
08 33 23 11-0188	EA	12' x 16', 0.04" Aluminum Overhead Coiling Door, Chain Lift	6,422.65	1,412.45
08 33 23 11-0189	EA	12' x 18', 0.04" Aluminum Overhead Coiling Door, Chain Lift	7,211.88	1,552.80
08 33 23 11-0190	EA	12' x 20', 0.04" Aluminum Overhead Coiling Door, Chain Lift	8,073.20	1,728.23
08 33 23 11-0191	EA	12' x 22', 0.04" Aluminum Overhead Coiling Door, Chain Lift	8,723.78	1,938.76
08 33 23 11-0192	EA	12' x 24', 0.04" Aluminum Overhead Coiling Door, Chain Lift	9,517.31	2,219.46
08 33 23 11-0193		**0.05" Aluminum Overhead Coiling Doors** *(08 33 23 11-0162)*		
08 33 23 11-0194	EA	14' x 10', 0.05" Aluminum Overhead Coiling Door, Chain Lift	5,455.12	1,395.44
08 33 23 11-0195	EA	14' x 12', 0.05" Aluminum Overhead Coiling Door, Chain Lift	6,128.31	1,465.61
08 33 23 11-0196	EA	14' x 14', 0.05" Aluminum Overhead Coiling Door, Chain Lift	6,788.93	1,535.79
08 33 23 11-0197	EA	14' x 16', 0.05" Aluminum Overhead Coiling Door, Chain Lift	7,469.23	1,641.05
08 33 23 11-0198	EA	14' x 18', 0.05" Aluminum Overhead Coiling Door, Chain Lift	8,260.73	1,781.40
08 33 23 11-0199	EA	14' x 20', 0.05" Aluminum Overhead Coiling Door, Chain Lift	9,052.18	1,921.75
08 33 23 11-0200	EA	14' x 22', 0.05" Aluminum Overhead Coiling Door, Chain Lift	9,924.88	2,097.18
08 33 23 11-0201	EA	14' x 24', 0.05" Aluminum Overhead Coiling Door, Chain Lift	10,867.87	2,307.71
08 33 23 11-0202	EA	16' x 10', 0.05" Aluminum Overhead Coiling Door, Chain Lift	6,354.62	1,604.75
08 33 23 11-0203	EA	16' x 12', 0.05" Aluminum Overhead Coiling Door, Chain Lift	7,057.77	1,674.93
08 33 23 11-0204	EA	16' x 14', 0.05" Aluminum Overhead Coiling Door, Chain Lift	7,732.54	1,745.10
08 33 23 11-0205	EA	16' x 16', 0.05" Aluminum Overhead Coiling Door, Chain Lift	8,498.00	1,850.36
08 33 23 11-0206	EA	16' x 18', 0.05" Aluminum Overhead Coiling Door, Chain Lift	9,390.39	1,990.72
08 33 23 11-0207	EA	16' x 20', 0.05" Aluminum Overhead Coiling Door, Chain Lift	10,330.04	2,131.06
08 33 23 11-0208	EA	16' x 22', 0.05" Aluminum Overhead Coiling Door, Chain Lift	11,302.03	2,306.49
08 33 23 11-0209	EA	16' x 24', 0.05" Aluminum Overhead Coiling Door, Chain Lift	12,295.35	2,517.02
08 33 23 11-0210	EA	18' x 10', 0.05" Aluminum Overhead Coiling Door, Chain Lift	7,104.27	1,805.35
08 33 23 11-0211	EA	18' x 12', 0.05" Aluminum Overhead Coiling Door, Chain Lift	7,856.31	1,875.52
08 33 23 11-0212	EA	18' x 14', 0.05" Aluminum Overhead Coiling Door, Chain Lift	8,750.05	1,980.79
08 33 23 11-0213	EA	18' x 16', 0.05" Aluminum Overhead Coiling Door, Chain Lift	9,701.72	2,121.14
08 33 23 11-0214	EA	18' x 18', 0.05" Aluminum Overhead Coiling Door, Chain Lift	10,733.64	2,296.57
08 33 23 11-0215	EA	18' x 20', 0.05" Aluminum Overhead Coiling Door, Chain Lift	11,829.44	2,507.10
08 33 23 11-0216	EA	18' x 22', 0.05" Aluminum Overhead Coiling Door, Chain Lift	12,993.82	2,752.71
08 33 23 11-0217	EA	18' x 24', 0.05" Aluminum Overhead Coiling Door, Chain Lift	14,234.68	3,033.41
08 33 23 11-0218	EA	20' x 10', 0.05" Aluminum Overhead Coiling Door, Chain Lift	8,118.83	2,076.16
08 33 23 11-0219	EA	20' x 12', 0.05" Aluminum Overhead Coiling Door, Chain Lift	8,885.05	2,146.33
08 33 23 11-0220	EA	20' x 14', 0.05" Aluminum Overhead Coiling Door, Chain Lift	10,140.76	2,251.60
08 33 23 11-0221	EA	20' x 16', 0.05" Aluminum Overhead Coiling Door, Chain Lift	11,039.49	2,391.94
08 33 23 11-0222	EA	20' x 18', 0.05" Aluminum Overhead Coiling Door, Chain Lift	12,156.53	2,567.38
08 33 23 11-0223	EA	20' x 20', 0.05" Aluminum Overhead Coiling Door, Chain Lift	13,372.11	2,777.91
08 33 23 11-0224	EA	20' x 22', 0.05" Aluminum Overhead Coiling Door, Chain Lift	14,607.42	3,023.51
08 33 23 11-0225	EA	20' x 24', 0.05" Aluminum Overhead Coiling Door, Chain Lift	15,946.05	3,304.21
08 33 23 11-0226	EA	22' x 10', 0.05" Aluminum Overhead Coiling Door, Chain Lift	9,586.60	2,457.76
08 33 23 11-0227	EA	22' x 12', 0.05" Aluminum Overhead Coiling Door, Chain Lift	10,597.98	2,563.02
08 33 23 11-0228	EA	22' x 14', 0.05" Aluminum Overhead Coiling Door, Chain Lift	11,971.02	2,792.29
08 33 23 11-0229	EA	22' x 16', 0.05" Aluminum Overhead Coiling Door, Chain Lift	13,075.39	2,897.55
08 33 23 11-0230	EA	22' x 18', 0.05" Aluminum Overhead Coiling Door, Chain Lift	14,248.40	3,037.91
08 33 23 11-0231	EA	22' x 20', 0.05" Aluminum Overhead Coiling Door, Chain Lift	15,432.42	3,178.25
08 33 23 11-0232	EA	22' x 22', 0.05" Aluminum Overhead Coiling Door, Chain Lift	16,626.71	3,353.69
08 33 23 11-0233	EA	22' x 24', 0.05" Aluminum Overhead Coiling Door, Chain Lift	17,899.05	3,564.21

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 11-0234	EA	24' x 10', 0.05" Aluminum Overhead Coiling Door, Chain Lift	10,565.37	2,703.52
08 33 23 11-0235	EA	24' x 12', 0.05" Aluminum Overhead Coiling Door, Chain Lift	11,186.53	2,773.70
08 33 23 11-0236	EA	24' x 14', 0.05" Aluminum Overhead Coiling Door, Chain Lift	12,654.33	2,843.87
08 33 23 11-0237	EA	24' x 16', 0.05" Aluminum Overhead Coiling Door, Chain Lift	13,887.97	2,949.13
08 33 23 11-0238	EA	24' x 18', 0.05" Aluminum Overhead Coiling Door, Chain Lift	15,127.18	3,089.48
08 33 23 11-0239	EA	24' x 20', 0.05" Aluminum Overhead Coiling Door, Chain Lift	16,366.39	3,229.83
08 33 23 11-0240	EA	24' x 22', 0.05" Aluminum Overhead Coiling Door, Chain Lift	17,839.71	3,405.26
08 33 23 11-0241	EA	24' x 24', 0.05" Aluminum Overhead Coiling Door, Chain Lift	19,430.54	3,615.79

08 33 23 11-0242 Overhead Coiling Door Accessories *(08 33 23 11)*

08 33 23 11-0243	LF	Bottom Of Door, Weather Strip Seal For Coiling Doors, Astragal Only	5.23	1.49
08 33 23 11-0244	LF	Top Of Door (Lintel), Weather Strip Seal For Coiling Doors	34.20	1.78
08 33 23 11-0245	LF	Side Of Door (Guides), Weather Strip Seal For Coiling Doors	32.61	1.78
08 33 23 11-0246	EA	Cylinder Lock For Coiling Doors	297.32	74.36
08 33 23 11-0247	EA	Up To 12' Height, 1/2 HP Motorized Jackshaft Operator For Coiling Doors And Grilles Note: Includes three button inside station controls and mounting hardware.	1,839.40	237.96
08 33 23 11-0248	EA	Up To 12' Height, 3/4 HP Motorized Jackshaft Operator For Coiling Doors And Grilles Note: Includes three button inside station controls and mounting hardware.	2,325.76	237.96
08 33 23 11-0249	EA	>12' To 18' Height, 1/2 HP Motorized Jackshaft Operator For Coiling Doors And Grilles Note: Includes three button inside station controls and mounting hardware.	2,178.63	267.70
08 33 23 11-0250	EA	>12' To 18' Height, 3/4 HP Motorized Jackshaft Operator For Coiling Doors And Grilles Note: Includes three button inside station controls and mounting hardware.	2,577.95	267.70
08 33 23 11-0251	EA	>18' To 24' Height, 3/4 HP Motorized Jackshaft Operator For Coiling Doors And Grilles Note: Includes motor, supports, push button operator, stationary electronic eye, signal wiring from eye to motor and motor to operator.	2,809.67	297.44
08 33 23 11-0252	EA	>18' To 24' Height, 1 HP Motorized Jackshaft Operator For Coiling Doors And Grilles Note: Includes motor, supports, push button operator, stationary electronic eye, signal wiring from eye to motor and motor to operator.	3,051.92	297.44
08 33 23 11-0253	LF	Safety Edge Bottom Bar Obstruction Detection Device, Electric For Coiling Doors And Grilles	90.61	
08 33 23 11-0254	EA	Remote Transmitter Kit For Coiling Door Operators	390.77	118.98

08 33 23 11-0255 Removal And Reinstallation Of Roll-Up Door And Support *(08 33 23 11)*

Note: Includes storage, cleaning and supply materials.

08 33 23 11-0256	SF	Removal And Reinstallation Of Metal Roll-up Door And Supports	25.36	

08 33 23 13 Overhead Rapid Coiling Doors *(08 33 23)*

Note: Includes panels, guides, counterbalance mechanisms, hardware, operators, frame, supports and/or trim as required. Excludes lifting equipment (forklift or scissor lift) where required.

08 33 23 13-0001 32 Ounce Vinyl Panels, Manually Operated Rolling Doors (Rytec® Bantam®) *(08 33 23 13)*

Note: Door panel is 32 ounce vinyl. Side frames are fully bolted together, anodized aluminum construction with weather seal. Bottom bar releases in either direction when impacted, without damage to door. Manual drive system.

08 33 23 13-0002 32 Ounce Vinyl Panels, Manually Operated Rolling Doors (Rytec® Bantam®) *(08 33 23 13-0001)*

08 33 23 13-0003 5' Wide, 32 Ounce Vinyl Panels, Manually Operated Rolling Doors (Rytec® Bantam®) *(08 33 23 13-0002)*

08 33 23 13-0004	EA	5' x 5', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	5,015.44	435.45
08 33 23 13-0005	EA	5' x 6', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	5,287.54	455.68
08 33 23 13-0006	EA	5' x 7', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	5,557.84	475.91
08 33 23 13-0007	EA	5' x 8', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	5,826.34	496.14
08 33 23 13-0008	EA	5' x 9', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	6,098.44	516.36
08 33 23 13-0009	EA	5' x 10', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	6,368.74	536.59

08 33 23 13-0010 6' Wide, 32 Ounce Vinyl Panels, Manually Operated Rolling Doors (Rytec® Bantam®) *(08 33 23 13-0002)*

08 33 23 13-0011	EA	6' x 5', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	5,287.54	455.68
08 33 23 13-0012	EA	6' x 6', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	5,557.84	475.91
08 33 23 13-0013	EA	6' x 7', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	5,826.34	496.14
08 33 23 13-0014	EA	6' x 8', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	6,098.44	516.36
08 33 23 13-0015	EA	6' x 9', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	6,368.74	536.59
08 33 23 13-0016	EA	6' x 10', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	6,639.05	556.82

08 33 23 13-0017 7' Wide, 32 Ounce Vinyl Panels, Manually Operated Rolling Doors (Rytec® Bantam®) *(08 33 23 13-0002)*

08 33 23 13-0018	EA	7' x 5', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	5,557.84	475.91
08 33 23 13-0019	EA	7' x 6', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	5,826.34	496.14
08 33 23 13-0020	EA	7' x 7', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	6,098.44	516.36
08 33 23 13-0021	EA	7' x 8', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	6,368.74	536.59
08 33 23 13-0022	EA	7' x 9', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	6,639.05	556.82
08 33 23 13-0023	EA	7' x 10', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	6,911.15	577.04

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0024		**8' Wide, 32 Ounce Vinyl Panels, Manually Operated Rolling Doors (Rytec® Bantam®)** *(08 33 23 13-0002)*		
08 33 23 13-0025	EA	8' x 5', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	5,826.34	496.14
08 33 23 13-0026	EA	8' x 6', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	6,098.44	516.36
08 33 23 13-0027	EA	8' x 7', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	6,368.74	536.59
08 33 23 13-0028	EA	8' x 8', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	6,639.05	556.82
08 33 23 13-0029	EA	8' x 9', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	6,911.15	577.04
08 33 23 13-0030	EA	8' x 10', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	7,179.66	597.27
08 33 23 13-0031		**9' Wide, 32 Ounce Vinyl Panels, Manually Operated Rolling Doors (Rytec® Bantam®)** *(08 33 23 13-0002)*		
08 33 23 13-0032	EA	9' x 5', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	6,098.44	516.36
08 33 23 13-0033	EA	9' x 6', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	6,368.74	536.59
08 33 23 13-0034	EA	9' x 7', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	6,639.05	556.82
08 33 23 13-0035	EA	9' x 8', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	6,911.15	577.04
08 33 23 13-0036	EA	9' x 9', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	7,179.66	597.27
08 33 23 13-0037	EA	9' x 10', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	7,451.76	617.49
08 33 23 13-0038		**10' Wide, 32 Ounce Vinyl Panels, Manually Operated Rolling Doors (Rytec® Bantam®)** *(08 33 23 13-0002)*		
08 33 23 13-0039	EA	10' x 5', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	6,368.74	536.59
08 33 23 13-0040	EA	10' x 6', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	6,639.05	556.82
08 33 23 13-0041	EA	10' x 7', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	6,911.15	577.04
08 33 23 13-0042	EA	10' x 8', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	7,179.66	597.27
08 33 23 13-0043	EA	10' x 9', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	7,451.76	617.49
08 33 23 13-0044	EA	10' x 10', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	7,722.06	637.72
08 33 23 13-0045		**Rytec® Bantam® Door Options** *(08 33 23 13-0001)*		
08 33 23 13-0046	SF	Upgrade To 2-Ply Rilon Panel Material For Rytec® Bantam® High-Speed Rolling Doors	11.22	
08 33 23 13-0047	SF	Upgrade To 3-Ply Rilon Panel Material For Rytec® Bantam® High-Speed Rolling Doors	24.69	
08 33 23 13-0048	LF	31" High Full Vision Panel For Rytec® Bantam® High-Speed Rolling Doors Note: Multiply linear foot price x width of door.	35.91	
08 33 23 13-0049	EA	Two 17" x 17", 2mm Thick, Replaceable Polyvinyl Chloride (PVC) Windows With Velcro For Rytec® Bantam® High-Speed Rolling Doors	341.19	
08 33 23 13-0050	EA	Roll Cover For Rytec® Bantam® High-Speed Rolling Doors	657.70	59.48
08 33 23 13-0051	EA	Motor Cover For Rytec® Bantam® High-Speed Rolling Doors	657.70	59.48
08 33 23 13-0052	EA	Motor Operator For Rytec® Bantam® High-Speed Rolling Doors Note: Includes open/close/stop pushbutton, pneumatic reversing edge and coil cord.	2,796.86	118.98
08 33 23 13-0053	EA	Additional NEMA 4 Pushbutton Control For Rytec® Bantam® Motor Operator Note: Includes open/close/stop control.	352.42	59.48
08 33 23 13-0054	EA	Auto Close Feature For Rytec® Bantam® Motor Operator	343.44	59.48
08 33 23 13-0055		**2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®)** *(08 33 23 13)* Note: Rytec® PredaDoor® PD5500. Door panel is 2-ply multi-filament Rilon. Includes full width vision panel. Side frames are fully bolted together, anodized aluminum construction with weather seal. Bottom bar releases in either direction when impacted, without damage to door. Drive system is a 3 phase, variable-speed AC Drive with brake and absolute encoder. Opens at 50" per second and closes at 21" per second.		
08 33 23 13-0056		**2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®)** *(08 33 23 13-0055)*		
08 33 23 13-0057		**6' Wide, 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®)** *(08 33 23 13-0056)*		
08 33 23 13-0058	EA	6' x 6', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	15,390.72	475.91
08 33 23 13-0059	EA	6' x 7', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	15,640.67	496.14
08 33 23 13-0060	EA	6' x 8', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	15,928.87	516.36
08 33 23 13-0061	EA	6' x 9', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	16,330.12	536.59
08 33 23 13-0062	EA	6' x 10', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	16,739.70	556.82
08 33 23 13-0063	EA	6' x 11', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	17,428.61	577.04
08 33 23 13-0064	EA	6' x 12', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	17,917.99	597.27
08 33 23 13-0065		**7' Wide, 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®)** *(08 33 23 13-0056)*		
08 33 23 13-0066	EA	7' x 6', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	15,695.54	496.14
08 33 23 13-0067	EA	7' x 7', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	16,013.66	516.36
08 33 23 13-0068	EA	7' x 8', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	16,413.26	536.59
08 33 23 13-0069	EA	7' x 9', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	16,836.14	556.82
08 33 23 13-0070	EA	7' x 10', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	17,393.69	577.04
08 33 23 13-0071	EA	7' x 11', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	18,065.97	597.27
08 33 23 13-0072	EA	7' x 12', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	18,596.91	617.49
08 33 23 13-0073		**8' Wide, 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®)** *(08 33 23 13-0056)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0074	EA	8' x 6', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	16,066.87	516.36
08 33 23 13-0075	EA	8' x 7', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	16,464.80	536.59
08 33 23 13-0076	EA	8' x 8', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	16,904.31	556.82
08 33 23 13-0077	EA	8' x 9', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	17,478.49	577.04
08 33 23 13-0078	EA	8' x 10', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	17,996.13	597.27
08 33 23 13-0079	EA	8' x 11', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	18,728.27	617.49
08 33 23 13-0080	EA	8' x 12', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	19,329.05	637.72
08 33 23 13-0081		**9' Wide, 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®)** *(08 33 23 13-0056)*		
08 33 23 13-0082	EA	9' x 6', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	16,519.67	536.59
08 33 23 13-0083	EA	9' x 7', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	16,955.85	556.82
08 33 23 13-0084	EA	9' x 8', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	17,530.03	577.04
08 33 23 13-0085	EA	9' x 9', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	18,064.30	597.27
08 33 23 13-0086	EA	9' x 10', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	18,625.18	617.49
08 33 23 13-0087	EA	9' x 11', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	19,207.67	637.72
08 33 23 13-0088	EA	9' x 12', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	19,846.69	657.94
08 33 23 13-0089		**10' Wide, 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®)** *(08 33 23 13-0056)*		
08 33 23 13-0090	EA	10' x 6', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	16,999.08	556.82
08 33 23 13-0091	EA	10' x 7', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	17,584.90	577.04
08 33 23 13-0092	EA	10' x 8', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	18,114.19	597.27
08 33 23 13-0093	EA	10' x 9', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	18,680.05	617.49
08 33 23 13-0094	EA	10' x 10', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	19,307.43	637.72
08 33 23 13-0095	EA	10' x 11', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	19,434.34	657.94
08 33 23 13-0096	EA	10' x 12', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	20,500.69	678.17
08 33 23 13-0097		**11' Wide, 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®)** *(08 33 23 13-0056)*		
08 33 23 13-0098	EA	11' x 6', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	17,616.49	577.04
08 33 23 13-0099	EA	11' x 7', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	18,159.08	597.27
08 33 23 13-0100	EA	11' x 8', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	18,731.59	617.49
08 33 23 13-0101	EA	11' x 9', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	19,360.64	637.72
08 33 23 13-0102	EA	11' x 10', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	19,773.53	657.94
08 33 23 13-0103	EA	11' x 11', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	20,590.48	678.17
08 33 23 13-0104	EA	11' x 12', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	21,259.44	698.39
08 33 23 13-0105		**12' Wide, 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®)** *(08 33 23 13-0056)*		
08 33 23 13-0106	EA	12' x 6', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	18,174.04	597.27
08 33 23 13-0107	EA	12' x 7', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	18,761.52	617.49
08 33 23 13-0108	EA	12' x 8', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	19,402.21	637.72
08 33 23 13-0109	EA	12' x 9', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	19,830.07	657.94
08 33 23 13-0110	EA	12' x 10', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	20,392.62	678.17
08 33 23 13-0111	EA	12' x 11', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	21,335.92	698.39
08 33 23 13-0112	EA	12' x 12', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	21,991.57	718.62
08 33 23 13-0113		**Rytec® PredaDoor® Door Options** *(08 33 23 13-0055)*		
08 33 23 13-0114	EA	Up To 10' Wide Doors, Roll And Motor Hood For Rytec® PredaDoor® High-Speed Rolling Doors	778.34	118.98
08 33 23 13-0115	EA	>10' To 15' Wide Doors, Roll And Motor Hood For Rytec® PredaDoor® High-Speed Rolling Doors	1,135.82	118.98
08 33 23 13-0116	SF	Upgrade To 3-Ply Rilon Panel Material For Rytec® PredaDoor® High-Speed Rolling Doors	13.47	
08 33 23 13-0117		**3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®)** *(08 33 23 13)*		
		Note: Rytec® Fast-Seal® FS1000. Door panel is heavy-duty 3-ply multi-filament Rilon. Independent opening and closing speeds up to 50" per second. Side frames are fully bolted together, reinforced with front and rear wind bar guides and full height vinyl weather seal on either side of the door panel. Counterbalance system consists of guided counterweights custom-sized to provide to provide proper balancing of each door system. The independent tension system maintains constant panel tensioning. The drive system is a 3 phase, variable speed AC drive motor with brake and absolute encoder. Bottom bar breaks away in either direction without damage to the bar, safety astragal, or side covers.		
08 33 23 13-0118		**3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®)** *(08 33 23 13-0117)*		
08 33 23 13-0119		**8' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®)** *(08 33 23 13-0118)*		
08 33 23 13-0120	EA	8' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	23,354.34	1,070.80
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*2,200.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*3,300.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0121	EA	8' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	24,414.31	1,101.14
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*2,200.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*3,300.00*	
08 33 23 13-0122	EA	8' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	25,337.92	1,131.47
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*2,200.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*3,300.00*	
08 33 23 13-0123	EA	8' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	26,331.38	1,161.81
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*2,200.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*3,300.00*	
08 33 23 13-0124	EA	8' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	27,457.86	1,192.15
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*2,200.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*3,300.00*	
08 33 23 13-0125	EA	8' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	28,048.93	1,222.49
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*2,200.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*3,300.00*	
08 33 23 13-0126	EA	8' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	28,972.55	1,252.83
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*2,200.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*3,300.00*	
08 33 23 13-0127	EA	8' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	29,795.69	1,285.41
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*2,200.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*3,300.00*	
08 33 23 13-0128	EA	8' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	31,106.97	1,318.82
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*2,200.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*3,300.00*	
08 33 23 13-0129	EA	8' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	32,166.78	1,353.11
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*2,200.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*3,300.00*	
08 33 23 13-0130	EA	8' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	33,479.78	1,388.29
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*2,200.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*3,300.00*	

08 33 23 13-0131 9' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) *(08 33 23 13-0118)*

08 33 23 13-0132	EA	9' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	24,414.31	1,101.14
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*2,750.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,125.00*	
08 33 23 13-0133	EA	9' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	25,337.92	1,131.47
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*2,750.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,125.00*	
08 33 23 13-0134	EA	9' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	26,331.38	1,161.81
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*2,750.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,125.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0135	EA	9' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	27,457.86	1,192.15
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*2,750.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,125.00*	
08 33 23 13-0136	EA	9' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	28,048.93	1,222.49
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*2,750.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,125.00*	
08 33 23 13-0137	EA	9' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	28,972.55	1,252.83
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*2,750.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,125.00*	
08 33 23 13-0138	EA	9' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	30,163.87	1,283.17
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*2,750.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,125.00*	
08 33 23 13-0139	EA	9' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	31,106.96	1,318.82
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*2,750.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,125.00*	
08 33 23 13-0140	EA	9' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	32,166.78	1,353.11
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*2,750.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,125.00*	
08 33 23 13-0141	EA	9' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	33,479.78	1,388.29
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*2,750.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,125.00*	
08 33 23 13-0142	EA	9' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	35,044.21	1,424.39
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*2,750.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,125.00*	
08 33 23 13-0143		10' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) *(08 33 23 13-0118)*		
08 33 23 13-0144	EA	10' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	25,337.92	1,131.47
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,300.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,950.00*	
08 33 23 13-0145	EA	10' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	26,331.38	1,161.81
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,300.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,950.00*	
08 33 23 13-0146	EA	10' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	27,457.86	1,192.15
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,300.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,950.00*	
08 33 23 13-0147	EA	10' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	28,048.93	1,222.49
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,300.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,950.00*	
08 33 23 13-0148	EA	10' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	28,972.55	1,252.83
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,300.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,950.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0149	EA	10' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	30,163.87	1,283.17
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,300.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,950.00*	
08 33 23 13-0150	EA	10' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	31,288.68	1,313.51
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,300.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,950.00*	
08 33 23 13-0151	EA	10' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	32,165.46	1,352.45
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,300.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,950.00*	
08 33 23 13-0152	EA	10' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	33,478.42	1,387.62
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,300.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,950.00*	
08 33 23 13-0153	EA	10' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	35,042.82	1,423.70
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,300.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,950.00*	
08 33 23 13-0154	EA	10' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	36,361.29	1,460.71
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,300.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*4,950.00*	
08 33 23 13-0155		11' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) *(08 33 23 13-0118)*		
08 33 23 13-0156	EA	11' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	26,331.38	1,161.81
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,850.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*5,775.00*	
08 33 23 13-0157	EA	11' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	27,457.86	1,192.15
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,850.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*5,775.00*	
08 33 23 13-0158	EA	11' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	28,048.93	1,222.49
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,850.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*5,775.00*	
08 33 23 13-0159	EA	11' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	28,972.55	1,252.83
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,850.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*5,775.00*	
08 33 23 13-0160	EA	11' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	30,163.87	1,283.17
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,850.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*5,775.00*	
08 33 23 13-0161	EA	11' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	31,288.68	1,313.51
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,850.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*5,775.00*	
08 33 23 13-0162	EA	11' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	32,546.50	1,343.84
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,850.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*5,775.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0163	EA	11' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	33,475.18	1,386.00
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,850.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*5,775.00*	
08 33 23 13-0164	EA	11' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	35,039.49	1,422.03
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,850.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*5,775.00*	
08 33 23 13-0165	EA	11' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	36,357.87	1,459.01
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,850.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*5,775.00*	
08 33 23 13-0166	EA	11' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	37,924.19	1,496.93
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*3,850.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*5,775.00*	
08 33 23 13-0167		12' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) *(08 33 23 13-0118)*		
08 33 23 13-0168	EA	12' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	27,457.86	1,192.15
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,400.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,600.00*	
08 33 23 13-0169	EA	12' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	28,048.93	1,222.49
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,400.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,600.00*	
08 33 23 13-0170	EA	12' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	28,972.55	1,252.83
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,400.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,600.00*	
08 33 23 13-0171	EA	12' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	30,163.87	1,283.17
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,400.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,600.00*	
08 33 23 13-0172	EA	12' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	31,288.68	1,313.51
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,400.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,600.00*	
08 33 23 13-0173	EA	12' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	32,546.50	1,343.84
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,400.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,600.00*	
08 33 23 13-0174	EA	12' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	33,450.16	1,374.19
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,400.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,600.00*	
08 33 23 13-0175	EA	12' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	35,034.51	1,419.53
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,400.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,600.00*	
08 33 23 13-0176	EA	12' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	36,352.75	1,456.44
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,400.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,600.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0177	EA	12' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	37,918.93	1,494.32
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,400.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,600.00*	
08 33 23 13-0178	EA	12' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	39,487.09	1,533.17
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,400.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,600.00*	
08 33 23 13-0179		13' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) *(08 33 23 13-0118)*		
08 33 23 13-0180	EA	13' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	28,733.96	1,222.49
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,950.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,975.00*	
08 33 23 13-0181	EA	13' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	29,915.30	1,252.83
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,950.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,975.00*	
08 33 23 13-0182	EA	13' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	31,035.12	1,283.17
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,950.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,975.00*	
08 33 23 13-0183	EA	13' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	32,336.18	1,313.51
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,950.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,975.00*	
08 33 23 13-0184	EA	13' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	33,632.25	1,343.84
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,950.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,975.00*	
08 33 23 13-0185	EA	13' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	34,594.10	1,374.19
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,950.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,975.00*	
08 33 23 13-0186	EA	13' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	35,324.85	1,404.53
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,950.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,975.00*	
08 33 23 13-0187	EA	13' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	36,448.58	1,453.18
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,950.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,975.00*	
08 33 23 13-0188	EA	13' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	38,016.38	1,490.96
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,950.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,975.00*	
08 33 23 13-0189	EA	13' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	39,591.54	1,529.73
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,950.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,975.00*	
08 33 23 13-0190	EA	13' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	40,978.37	1,569.50
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*4,950.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*6,975.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0191		14' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) *(08 33 23 13-0118)*		
08 33 23 13-0192	EA	14' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	29,915.30	1,252.83
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*5,480.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,370.00*	
08 33 23 13-0193	EA	14' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	31,035.12	1,283.17
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*5,480.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,370.00*	
08 33 23 13-0194	EA	14' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	32,336.18	1,313.51
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*5,480.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,370.00*	
08 33 23 13-0195	EA	14' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	33,632.25	1,343.84
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*5,480.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,370.00*	
08 33 23 13-0196	EA	14' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	34,594.10	1,374.19
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*5,480.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,370.00*	
08 33 23 13-0197	EA	14' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	35,324.85	1,404.53
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*5,480.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,370.00*	
08 33 23 13-0198	EA	14' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	36,411.43	1,434.86
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*5,480.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,370.00*	
08 33 23 13-0199	EA	14' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	38,007.96	1,486.75
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*5,480.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,370.00*	
08 33 23 13-0200	EA	14' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	39,582.90	1,525.41
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*5,480.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,370.00*	
08 33 23 13-0201	EA	14' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	40,969.50	1,565.06
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*5,480.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,370.00*	
08 33 23 13-0202	EA	14' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	43,990.47	1,605.76
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*5,480.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,370.00*	
08 33 23 13-0203		15' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) *(08 33 23 13-0118)*		
08 33 23 13-0204	EA	15' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	30,974.98	1,252.83
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0205	EA	15' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	32,276.50	1,283.17
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0206	EA	15' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	33,572.63	1,313.51
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0207	EA	15' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	34,534.76	1,343.84
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0208	EA	15' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	35,265.23	1,374.19
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0209	EA	15' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	36,351.27	1,404.53
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0210	EA	15' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	37,970.19	1,467.87
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0211	EA	15' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	39,573.98	1,520.94
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0212	EA	15' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	40,960.35	1,560.48
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0213	EA	15' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	43,981.08	1,601.06
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0214	EA	15' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	46,106.08	1,642.69
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	

08 33 23 13-0215 16' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) *(08 33 23 13-0118)*

08 33 23 13-0216	EA	16' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	32,332.41	1,311.12
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*6,070.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,790.00*	
08 33 23 13-0217	EA	16' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	33,631.36	1,342.88
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*6,070.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,790.00*	
08 33 23 13-0218	EA	16' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	34,596.31	1,374.62
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*6,070.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,790.00*	
08 33 23 13-0219	EA	16' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	35,329.62	1,406.38
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*6,070.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,790.00*	
08 33 23 13-0220	EA	16' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	36,418.47	1,438.12
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*6,070.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,790.00*	
08 33 23 13-0221	EA	16' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	37,974.22	1,469.88
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*6,070.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,790.00*	
08 33 23 13-0222	EA	16' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	39,535.35	1,501.62
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*6,070.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,790.00*	
08 33 23 13-0223	EA	16' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	40,951.22	1,555.92
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*6,070.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,790.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0224	EA	16' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	43,971.72	1,596.38
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*6,070.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,790.00*	
08 33 23 13-0225	EA	16' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	46,096.47	1,637.88
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*6,070.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,790.00*	
08 33 23 13-0226	EA	16' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	48,234.14	1,680.47
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*6,070.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*7,790.00*	

08 33 23 13-0227 17' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) *(08 33 23 13-0118)*

08 33 23 13-0228	EA	17' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	33,509.65	1,341.28
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0229	EA	17' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	34,594.58	1,373.76
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0230	EA	17' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	35,907.57	1,406.24
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0231	EA	17' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	37,349.84	1,438.73
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0232	EA	17' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	38,673.60	1,471.21
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0233	EA	17' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	40,642.03	1,503.69
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0234	EA	17' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	42,538.62	1,536.17
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0235	EA	17' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	43,962.38	1,591.72
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0236	EA	17' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	46,086.89	1,633.09
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0237	EA	17' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	48,224.32	1,675.56
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0238	EA	17' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	50,297.51	1,719.12
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	

08 33 23 13-0239 18' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) *(08 33 23 13-0118)*

08 33 23 13-0240	EA	18' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	34,939.68	1,372.13
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*6,720.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*8,230.00*	
08 33 23 13-0241	EA	18' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	36,372.68	1,405.36
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*6,720.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*8,230.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0242	EA	18' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	37,933.18	1,438.59
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*6,720.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*8,230.00*	
08 33 23 13-0243	EA	18' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	39,488.28	1,471.81
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*6,720.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*8,230.00*	
08 33 23 13-0244	EA	18' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	41,109.83	1,505.05
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*6,720.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*8,230.00*	
08 33 23 13-0245	EA	18' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	43,413.76	1,538.27
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*6,720.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*8,230.00*	
08 33 23 13-0246	EA	18' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	45,782.33	1,571.50
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*6,720.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*8,230.00*	
08 33 23 13-0247	EA	18' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	46,948.26	1,628.32
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*6,720.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*8,230.00*	
08 33 23 13-0248	EA	18' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	48,214.51	1,670.66
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*6,720.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*8,230.00*	
08 33 23 13-0249	EA	18' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	50,228.19	1,714.10
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*6,720.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*8,230.00*	
08 33 23 13-0250	EA	18' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	52,306.98	1,758.67
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
		For 304 Stainless Steel Side Frame Tower, Add	*6,720.00*	
		For 316 Stainless Steel Side Frame Tower, Add	*8,230.00*	

08 33 23 13-0251 19' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) *(08 33 23 13-0118)*

08 33 23 13-0252	EA	19' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	36,369.34	1,403.69
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0253	EA	19' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	37,931.37	1,437.68
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0254	EA	19' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	39,488.00	1,471.67
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0255	EA	19' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	41,111.08	1,505.67
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0256	EA	19' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	43,416.54	1,539.66
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0257	EA	19' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	45,786.63	1,573.65
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0258	EA	19' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	46,906.91	1,607.64
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0259	EA	19' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	48,204.74	1,665.77
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0260	EA	19' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	50,218.18	1,709.08
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0261	EA	19' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	52,296.69	1,753.52
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0262	EA	19' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	54,377.54	1,799.11
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	

08 33 23 13-0263 20' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) *(08 33 23 13-0118)*

08 33 23 13-0264	EA	20' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	37,927.96	1,435.97
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0265	EA	20' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	39,486.15	1,470.74
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0266	EA	20' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	41,110.79	1,505.52
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0267	EA	20' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	43,417.81	1,540.29
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0268	EA	20' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	45,789.47	1,575.07
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0269	EA	20' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	46,911.31	1,609.84
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0270	EA	20' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	48,162.44	1,644.62
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0271	EA	20' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	50,208.18	1,704.08
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0272	EA	20' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	52,286.44	1,748.39
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0273	EA	20' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	54,367.01	1,793.85
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0274	EA	20' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	56,198.55	1,840.49
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	

08 33 23 13-0275 21' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) *(08 33 23 13-0118)*

08 33 23 13-0276	EA	21' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	47,430.95	1,540.15
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0277	EA	21' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	49,739.55	1,575.72
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0278	EA	21' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	52,111.02	1,611.29
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0279	EA	21' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	53,238.05	1,646.87
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0280	EA	21' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	54,488.98	1,682.44
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0281	EA	21' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	56,537.46	1,743.28
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0282	EA	21' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	58,617.77	1,788.61
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0283	EA	21' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	60,700.43	1,835.11
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0284	EA	21' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	62,534.11	1,882.82
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0285		22' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) *(08 33 23 13-0118)*		
08 33 23 13-0286	EA	22' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	49,240.04	1,575.57
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0287	EA	22' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	51,552.08	1,611.97
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0288	EA	22' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	53,923.39	1,648.35
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0289	EA	22' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	55,050.26	1,684.75
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0290	EA	22' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	56,306.43	1,721.14
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0291	EA	22' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	58,357.70	1,783.37
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0292	EA	22' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	60,440.10	1,829.74
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0293	EA	22' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	62,523.10	1,877.31
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0294	EA	22' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	64,360.77	1,926.13
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0295		23' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) *(08 33 23 13-0118)*		
08 33 23 13-0296	EA	23' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	51,052.57	1,611.81
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0297	EA	23' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	53,364.49	1,649.04
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0298	EA	23' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	55,739.26	1,686.27
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0299	EA	23' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	56,867.81	1,723.50
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0300	EA	23' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	58,123.86	1,760.73
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0301	EA	23' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	60,179.78	1,824.39
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0302	EA	23' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	62,262.51	1,871.83
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0303	EA	23' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	64,349.51	1,920.49
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0304	EA	23' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	66,189.43	1,970.42
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	

08 33 23 13-0305 24' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) *(08 33 23 13-0118)*

08 33 23 13-0306	EA	24' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	52,864.97	1,648.89
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0307	EA	24' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	55,178.60	1,686.97
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0308	EA	24' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	57,556.88	1,725.05
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0309	EA	24' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	58,687.15	1,763.13
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0310	EA	24' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	59,943.11	1,801.22
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0311	EA	24' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	62,000.16	1,866.35
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0312	EA	24' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	64,086.88	1,914.87
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0313	EA	24' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	66,177.90	1,964.67
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	
08 33 23 13-0314	EA	24' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	68,016.52	2,015.75
		For NEMA 4X Control Box, Add	*675.00*	
		For 2 Speed Motor, 60" Open, 30" Close, Add	*1,100.00*	
		For AC Variable Speed Motor And Controls, Add	*2,750.00*	

08 33 23 13-0315 Rytec® Fast-Seal® Door Options *(08 33 23 13-0117)*

08 33 23 13-0316	LF	Strapped Windbar For Rytec® Fast-Seal® High-Speed Rolling Doors Note: Multiply linear foot price x width of door.	49.88
08 33 23 13-0317	EA	Up To 10' Wide Doors, Roll And Motor Hood For Rytec® Fast-Seal® High-Speed Rolling Doors	540.38
08 33 23 13-0318	EA	>10' To 15' Wide Doors, Roll And Motor Hood For Rytec® Fast-Seal® High-Speed Rolling Doors	897.86
08 33 23 13-0319	EA	>15' To 20' Wide Doors, Roll And Motor Hood For Rytec® Fast-Seal® High-Speed Rolling Doors	1,320.38
08 33 23 13-0320	EA	>20' To 24' Wide Doors, Roll And Motor Hood For Rytec® Fast-Seal® High-Speed Rolling Doors	1,975.29
08 33 23 13-0321	EA	One 17" x 17", 2mm Thick, Replaceable Polyvinyl Chloride (PVC) Window With Velcro For Rytec® Fast-Seal® High-Speed Rolling Doors	315.91
08 33 23 13-0322	EA	Two 17" x 17", 2mm Thick, Replaceable Polyvinyl Chloride (PVC) Windows With Velcro For Rytec® Fast-Seal® High-Speed Rolling Doors Note: Door must be at least 90" wide.	623.51
08 33 23 13-0323	EA	Three 17" x 17", 2mm Thick, Replaceable Polyvinyl Chloride (PVC) Windows With Velcro For Rytec® Fast-Seal® High-Speed Rolling Doors Note: Door must be at least 102" wide.	789.78
08 33 23 13-0324	EA	Four 17" x 17", 2mm Thick, Replaceable Polyvinyl Chloride (PVC) Windows With Velcro For Rytec® Fast-Seal® High-Speed Rolling Doors Note: Door must be at least 136" wide.	1,247.03
08 33 23 13-0325	EA	One 24" x 24", 2mm Thick, Replaceable Polyvinyl Chloride (PVC) Window With Velcro For Rytec® Fast-Seal® High-Speed Rolling Doors	365.79
08 33 23 13-0326	EA	Two 24" x 24", 2mm Thick, Replaceable Polyvinyl Chloride (PVC) Windows With Velcro For Rytec® Fast-Seal® High-Speed Rolling Doors Note: Door must be at least 108" wide.	723.28
08 33 23 13-0327	EA	Three 24" x 24", 2mm Thick, Replaceable Polyvinyl Chloride (PVC) Windows With Velcro For Rytec® Fast-Seal® High-Speed Rolling Doors Note: Door must be at least 144" wide.	897.86

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0328	EA	Four 24" x 24", 2mm Thick, Replaceable Polyvinyl Chloride (PVC) Windows With Velcro For Rytec® Fast-Seal® High-Speed Rolling Doors Note: Door must be at least 192" wide.	1,446.55	
08 33 23 13-0329	EA	Sloped Roll And Motor Cover For Interior Or Exterior Door Widths Of 8' Or 10'	752.35	
		For 304 Stainless Steel, Add	*120.38*	
		For 316 Stainless Steel, Add	*526.65*	
08 33 23 13-0330	EA	Sloped Roll And Motor Cover For Interior Or Exterior Door Widths Of 12' Or 14'	978.06	
		For 304 Stainless Steel, Add	*156.49*	
		For 316 Stainless Steel, Add	*684.64*	
08 33 23 13-0331	EA	Sloped Roll And Motor Cover For Interior Or Exterior Door Widths Of 16' Or 18'	1,279.00	
		For 304 Stainless Steel, Add	*204.64*	
		For 316 Stainless Steel, Add	*895.30*	
08 33 23 13-0332	EA	Through Wall Brake Release	185.83	
08 33 23 13-0333	EA	Explosion Proof Upgrade Package: Control Box (including internal components), Motor, Rotary Limit Switch, Photo-eyes, Safety Bar, Push Buttons	21,592.44	
		For NEMA 12 Control Box Mounted Outside Explosion Proof Area, Deduct	*-6,200.00*	

08 33 23 13-0334 High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) *(08 33 23 13)*

Note: Rytec® Powerhouse™. Door panel is styrene butadiene rubber (SBR) panel 1/4" thick, made of two 1/8" thick layers, 60 durometer; sandwiched with 1-ply, 110 lbs polyester cord center. Panel includes bonded SBR beveled segmented windlocks to allow the door panel to effectively release from the side frame in case of accidental impact. Vertical orange stripes for visual safety awareness. Side frames are structural columns consisting of 5 x 2 x 1/4" structural steel tubing, welded to a reinforced 0.22" thick steel 'Z' mounting bracket and 0.18" thick steel hinged cover. Drive system is a 480 volt, 3-phase variable speed AC Drive motor with brake and absolute encoder. Opens at up to 60" per second and closes at 21" per second.

08 33 23 13-0335 High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) *(08 33 23 13-0334)*

08 33 23 13-0336 8' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) *(08 33 23 13-0335)*

08 33 23 13-0337	EA	8' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	30,873.08	1,070.80
08 33 23 13-0338	EA	8' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	31,145.66	1,101.14
08 33 23 13-0339	EA	8' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	31,628.32	1,131.47
08 33 23 13-0340	EA	8' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	32,111.00	1,161.81
08 33 23 13-0341	EA	8' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	32,595.47	1,192.15
08 33 23 13-0342	EA	8' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	33,078.14	1,222.49
08 33 23 13-0343	EA	8' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	33,348.92	1,252.83
08 33 23 13-0344	EA	8' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	33,837.85	1,285.41
08 33 23 13-0345	EA	8' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	34,748.68	1,318.82
08 33 23 13-0346	EA	8' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	35,029.16	1,353.11
08 33 23 13-0347	EA	8' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	35,733.40	1,388.30

08 33 23 13-0348 9' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) *(08 33 23 13-0335)*

08 33 23 13-0349	EA	9' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	31,145.66	1,101.14
08 33 23 13-0350	EA	9' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	31,416.42	1,131.47
08 33 23 13-0351	EA	9' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	31,900.90	1,161.81
08 33 23 13-0352	EA	9' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	32,595.47	1,192.15
08 33 23 13-0353	EA	9' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	32,866.24	1,222.49
08 33 23 13-0354	EA	9' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	33,348.92	1,252.83
08 33 23 13-0355	EA	9' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	33,833.38	1,283.17
08 33 23 13-0356	EA	9' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	34,326.69	1,318.82
08 33 23 13-0357	EA	9' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	35,451.15	1,353.11
08 33 23 13-0358	EA	9' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	36,579.18	1,388.30
08 33 23 13-0359	EA	9' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	37,707.26	1,424.39

08 33 23 13-0360 10' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) *(08 33 23 13-0335)*

08 33 23 13-0361	EA	10' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	32,684.20	1,131.47
08 33 23 13-0362	EA	10' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	32,956.79	1,161.81
08 33 23 13-0363	EA	10' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	33,439.46	1,192.15
08 33 23 13-0364	EA	10' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	34,134.02	1,222.49
08 33 23 13-0365	EA	10' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	34,616.69	1,252.83
08 33 23 13-0366	EA	10' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	35,101.16	1,283.17
08 33 23 13-0367	EA	10' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	35,583.84	1,313.51
08 33 23 13-0368	EA	10' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	36,295.61	1,352.45
08 33 23 13-0369	EA	10' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	37,209.93	1,387.62
08 33 23 13-0370	EA	10' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	38,549.86	1,423.69
08 33 23 13-0371	EA	10' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	39,681.58	1,460.71

08 33 23 13-0372 11' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) *(08 33 23 13-0335)*

08 33 23 13-0373	EA	11' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	32,744.89	1,161.81
08 33 23 13-0374	EA	11' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	33,227.57	1,192.15
08 33 23 13-0375	EA	11' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	33,712.02	1,222.49

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0376	EA	11' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	34,406.59	1,252.83
08 33 23 13-0377	EA	11' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	34,889.27	1,283.17
08 33 23 13-0378	EA	11' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	35,371.94	1,313.51
08 33 23 13-0379	EA	11' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	36,490.30	1,343.84
08 33 23 13-0380	EA	11' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	37,840.57	1,385.99
08 33 23 13-0381	EA	11' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	39,180.43	1,422.03
08 33 23 13-0382	EA	11' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	40,522.15	1,459.01
08 33 23 13-0383	EA	11' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	41,653.90	1,496.93
08 33 23 13-0384		**12' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)** *(08 33 23 13-0335)*		
08 33 23 13-0385	EA	12' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	33,017.47	1,192.15
08 33 23 13-0386	EA	12' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	33,500.13	1,222.49
08 33 23 13-0387	EA	12' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	33,982.80	1,252.83
08 33 23 13-0388	EA	12' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	34,677.37	1,283.17
08 33 23 13-0389	EA	12' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	35,371.94	1,313.51
08 33 23 13-0390	EA	12' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	36,700.40	1,343.84
08 33 23 13-0391	EA	12' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	38,028.84	1,374.19
08 33 23 13-0392	EA	12' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	39,387.32	1,419.54
08 33 23 13-0393	EA	12' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	40,939.01	1,456.45
08 33 23 13-0394	EA	12' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	42,282.52	1,494.31
08 33 23 13-0395	EA	12' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	43,628.00	1,533.17
08 33 23 13-0396		**13' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)** *(08 33 23 13-0335)*		
08 33 23 13-0397	EA	13' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	33,500.13	1,222.49
08 33 23 13-0398	EA	13' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	33,772.70	1,252.83
08 33 23 13-0399	EA	13' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	34,255.38	1,283.17
08 33 23 13-0400	EA	13' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	35,161.84	1,313.51
08 33 23 13-0401	EA	13' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	36,700.40	1,343.84
08 33 23 13-0402	EA	13' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	38,240.74	1,374.19
08 33 23 13-0403	EA	13' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	39,569.20	1,404.53
08 33 23 13-0404	EA	13' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	41,144.38	1,453.18
08 33 23 13-0405	EA	13' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	42,699.62	1,490.96
08 33 23 13-0406	EA	13' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	44,255.02	1,529.73
08 33 23 13-0407	EA	13' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	45,602.35	1,569.50
08 33 23 13-0408		**14' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)** *(08 33 23 13-0335)*		
08 33 23 13-0409	EA	14' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	33,772.70	1,252.83
08 33 23 13-0410	EA	14' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	34,043.48	1,283.17
08 33 23 13-0411	EA	14' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	34,738.05	1,313.51
08 33 23 13-0412	EA	14' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	36,066.51	1,343.84
08 33 23 13-0413	EA	14' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	38,028.84	1,374.19
08 33 23 13-0414	EA	14' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	39,569.20	1,404.53
08 33 23 13-0415	EA	14' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	41,319.65	1,434.86
08 33 23 13-0416	EA	14' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	42,901.28	1,486.75
08 33 23 13-0417	EA	14' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	44,458.27	1,525.41
08 33 23 13-0418	EA	14' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	46,015.47	1,565.06
08 33 23 13-0419	EA	14' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	47,788.41	1,605.76
08 33 23 13-0420		**15' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)** *(08 33 23 13-0335)*		
08 33 23 13-0421	EA	15' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	35,098.11	1,281.64
08 33 23 13-0422	EA	15' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	35,582.19	1,312.69
08 33 23 13-0423	EA	15' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	36,278.14	1,343.71
08 33 23 13-0424	EA	15' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	37,184.21	1,374.75
08 33 23 13-0425	EA	15' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	39,359.84	1,405.80
08 33 23 13-0426	EA	15' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	41,111.68	1,436.82
08 33 23 13-0427	EA	15' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	42,863.53	1,467.87
08 33 23 13-0428	EA	15' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	44,449.36	1,520.95
08 33 23 13-0429	EA	15' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	46,218.22	1,560.48
08 33 23 13-0430	EA	15' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	47,989.13	1,601.07
08 33 23 13-0431	EA	15' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	49,762.16	1,642.69
08 33 23 13-0432		**16' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)** *(08 33 23 13-0335)*		
08 33 23 13-0433	EA	16' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	35,367.17	1,311.13
08 33 23 13-0434	EA	16' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	36,064.56	1,342.87
08 33 23 13-0435	EA	16' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	36,761.96	1,374.62
08 33 23 13-0436	EA	16' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	38,515.23	1,406.37
08 33 23 13-0437	EA	16' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	40,902.38	1,438.12
08 33 23 13-0438	EA	16' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	42,657.44	1,469.88
08 33 23 13-0439	EA	16' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	44,410.73	1,501.62

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0440	EA	16' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	46,209.09	1,555.92
08 33 23 13-0441	EA	16' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	47,979.76	1,596.38
08 33 23 13-0442	EA	16' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	49,752.55	1,637.88
08 33 23 13-0443	EA	16' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	51,739.38	1,680.47
08 33 23 13-0444		**17' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)** *(08 33 23 13-0335)*		
08 33 23 13-0445	EA	17' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	35,851.26	1,341.28
08 33 23 13-0446	EA	17' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	36,338.21	1,373.76
08 33 23 13-0447	EA	17' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	38,092.94	1,406.24
08 33 23 13-0448	EA	17' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	39,847.69	1,438.72
08 33 23 13-0449	EA	17' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	42,236.30	1,471.20
08 33 23 13-0450	EA	17' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	44,202.93	1,503.68
08 33 23 13-0451	EA	17' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	45,957.67	1,536.17
08 33 23 13-0452	EA	17' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	47,970.43	1,591.72
08 33 23 13-0453	EA	17' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	49,742.97	1,633.09
08 33 23 13-0454	EA	17' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	51,729.56	1,675.56
08 33 23 13-0455	EA	17' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	53,718.35	1,719.13
08 33 23 13-0456		**18' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)** *(08 33 23 13-0335)*		
08 33 23 13-0457	EA	18' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	36,334.95	1,372.13
08 33 23 13-0458	EA	18' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	36,823.42	1,405.36
08 33 23 13-0459	EA	18' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	39,213.52	1,438.59
08 33 23 13-0460	EA	18' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	41,181.65	1,471.81
08 33 23 13-0461	EA	18' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	43,571.77	1,505.04
08 33 23 13-0462	EA	18' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	45,539.89	1,538.27
08 33 23 13-0463	EA	18' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	47,719.91	1,571.50
08 33 23 13-0464	EA	18' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	49,733.42	1,628.32
08 33 23 13-0465	EA	18' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	51,719.75	1,670.66
08 33 23 13-0466	EA	18' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	53,708.29	1,714.10
08 33 23 13-0467	EA	18' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	55,699.09	1,758.66
08 33 23 13-0468		**19' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)** *(08 33 23 13-0335)*		
08 33 23 13-0469	EA	19' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	37,242.06	1,403.68
08 33 23 13-0470	EA	19' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	37,943.94	1,437.68
08 33 23 13-0471	EA	19' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	40,547.47	1,471.68
08 33 23 13-0472	EA	19' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	42,517.13	1,505.67
08 33 23 13-0473	EA	19' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	45,120.66	1,539.66
08 33 23 13-0474	EA	19' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	47,090.33	1,573.65
08 33 23 13-0475	EA	19' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	49,270.07	1,607.65
08 33 23 13-0476	EA	19' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	51,287.99	1,665.77
08 33 23 13-0477	EA	19' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	53,486.38	1,709.08
08 33 23 13-0478	EA	19' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	55,476.91	1,753.52
08 33 23 13-0479	EA	19' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	57,681.65	1,799.12
08 33 23 13-0480		**20' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)** *(08 33 23 13-0335)*		
08 33 23 13-0481	EA	20' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	38,574.42	1,435.97
08 33 23 13-0482	EA	20' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	39,277.86	1,470.74
08 33 23 13-0483	EA	20' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	41,671.06	1,505.53
08 33 23 13-0484	EA	20' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	43,854.18	1,540.29
08 33 23 13-0485	EA	20' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	46,459.27	1,575.07
08 33 23 13-0486	EA	20' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	48,640.59	1,609.84
08 33 23 13-0487	EA	20' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	50,823.70	1,644.62
08 33 23 13-0488	EA	20' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	53,054.39	1,704.09
08 33 23 13-0489	EA	20' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	55,256.56	1,748.40
08 33 23 13-0490	EA	20' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	57,459.24	1,793.84
08 33 23 13-0491	EA	20' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	59,664.29	1,840.49
08 33 23 13-0492		**21' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)** *(08 33 23 13-0335)*		
08 33 23 13-0493	EA	21' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	38,852.36	1,469.00
08 33 23 13-0494	EA	21' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	40,825.18	1,504.57
08 33 23 13-0495	EA	21' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	42,797.99	1,540.15
08 33 23 13-0496	EA	21' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	45,192.79	1,575.72
08 33 23 13-0497	EA	21' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	47,799.50	1,611.29
08 33 23 13-0498	EA	21' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	50,194.31	1,646.87
08 33 23 13-0499	EA	21' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	52,377.22	1,682.44
08 33 23 13-0500	EA	21' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	54,822.55	1,743.28
08 33 23 13-0501	EA	21' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	57,026.76	1,788.61
08 33 23 13-0502	EA	21' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	59,231.53	1,835.11
08 33 23 13-0503	EA	21' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	61,650.61	1,882.82

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0504		22' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) *(08 33 23 13-0335)*		
08 33 23 13-0505	EA	22' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	39,341.94	1,502.79
08 33 23 13-0506	EA	22' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	41,104.48	1,539.19
08 33 23 13-0507	EA	22' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	44,136.61	1,575.57
08 33 23 13-0508	EA	22' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	46,533.05	1,611.97
08 33 23 13-0509	EA	22' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	49,351.49	1,648.36
08 33 23 13-0510	EA	22' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	51,747.93	1,684.76
08 33 23 13-0511	EA	22' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	53,934.28	1,721.13
08 33 23 13-0512	EA	22' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	56,382.41	1,783.37
08 33 23 13-0513	EA	22' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	58,798.80	1,829.74
08 33 23 13-0514	EA	22' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	61,217.60	1,877.32
08 33 23 13-0515	EA	22' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	63,638.88	1,926.13
08 33 23 13-0516		23' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) *(08 33 23 13-0335)*		
08 33 23 13-0517	EA	23' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	40,890.74	1,537.35
08 33 23 13-0518	EA	23' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	42,443.06	1,574.59
08 33 23 13-0519	EA	23' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	45,264.97	1,611.81
08 33 23 13-0520	EA	23' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	47,874.98	1,649.04
08 33 23 13-0521	EA	23' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	50,695.10	1,686.27
08 33 23 13-0522	EA	23' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	53,093.21	1,723.50
08 33 23 13-0523	EA	23' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	55,703.23	1,760.73
08 33 23 13-0524	EA	23' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	58,154.21	1,824.40
08 33 23 13-0525	EA	23' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	60,572.74	1,871.83
08 33 23 13-0526	EA	23' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	63,205.64	1,920.49
08 33 23 13-0527	EA	23' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	65,629.16	1,970.43
08 33 23 13-0528		24' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) *(08 33 23 13-0335)*		
08 33 23 13-0529	EA	24' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	42,229.24	1,572.71
08 33 23 13-0530	EA	24' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	43,361.29	1,610.80
08 33 23 13-0531	EA	24' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	46,606.89	1,648.89
08 33 23 13-0532	EA	24' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	49,006.72	1,686.97
08 33 23 13-0533	EA	24' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	52,040.44	1,725.05
08 33 23 13-0534	EA	24' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	54,652.16	1,763.13
08 33 23 13-0535	EA	24' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	57,262.10	1,801.22
08 33 23 13-0536	EA	24' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	59,927.91	1,866.35
08 33 23 13-0537	EA	24' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	62,348.62	1,914.88
08 33 23 13-0538	EA	24' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	64,983.75	1,964.66
08 33 23 13-0539	EA	24' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	67,621.46	2,015.75
08 33 23 13-0540		Rytec® Powerhouse™ Door Options *(08 33 23 13-0334)*		
08 33 23 13-0541	EA	Up To 8' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors	2,747.45	
08 33 23 13-0542	EA	9' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors	2,801.32	
08 33 23 13-0543	EA	10' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors	2,855.19	
08 33 23 13-0544	EA	11' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors	2,909.06	
08 33 23 13-0545	EA	12' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors	2,962.94	
08 33 23 13-0546	EA	13' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors	3,016.81	
08 33 23 13-0547	EA	14' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors	3,070.68	
08 33 23 13-0548	EA	15' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors	3,124.55	
08 33 23 13-0549	EA	16' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors	3,178.42	
08 33 23 13-0550	EA	17' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors	3,232.29	
08 33 23 13-0551	EA	18' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors	3,286.16	
08 33 23 13-0552	EA	19' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors	3,340.04	
08 33 23 13-0553	EA	20' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors	3,393.91	
08 33 23 13-0554	EA	21' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors	3,447.78	
08 33 23 13-0555	EA	22' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors	3,501.65	
08 33 23 13-0556	EA	23' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors	3,555.52	
08 33 23 13-0557	EA	24' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors	3,609.39	
08 33 23 13-0558	EA	11" x 20" Window For Rytec® Powerhouse™ High-Speed Rolling Doors	628.50	
08 33 23 13-0559	EA	208-230 Volt Application For Rytec® Powerhouse™ Door Note: Includes System 4 Controller In NEMA 4 Enclosure	1,544.32	
08 33 23 13-0560		Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral®) *(08 33 23 13)* Note: Door panels are double-walled aluminum slats that are 6" high x 1-3/16" thick. Width is variable. Side frames are galvanized steel with full height weather seal on both sides. There are extension springs in each column for counterbalance. The drive system is a 2 HP, 208,230/460 Volt, three-phase motor with variable speed AC drive. Opening and closing speeds up to 60" per second.		
08 33 23 13-0561		Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral®) *(08 33 23 13-0560)*		
08 33 23 13-0562		8' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) *(08 33 23 13-0561)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0563	EA	8' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	33,241.33	1,427.73
08 33 23 13-0564	EA	8' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	34,201.54	1,458.06
08 33 23 13-0565	EA	8' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	35,161.73	1,488.41
08 33 23 13-0566	EA	8' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	36,123.60	1,518.74
08 33 23 13-0567	EA	8' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	37,083.80	1,549.08
08 33 23 13-0568	EA	8' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	38,043.99	1,579.43
08 33 23 13-0569	EA	8' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	40,801.58	1,609.76
08 33 23 13-0570	EA	8' x 15', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	41,757.17	1,641.96
08 33 23 13-0571	EA	8' x 16', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	42,713.53	1,674.79
08 33 23 13-0572	EA	8' x 17', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	43,671.20	1,708.29
08 33 23 13-0573	EA	8' x 18', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	44,630.21	1,742.46
08 33 23 13-0574		**9' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)** *(08 33 23 13-0561)*		
08 33 23 13-0575	EA	9' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	34,201.54	1,458.06
08 33 23 13-0576	EA	9' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	35,161.73	1,488.41
08 33 23 13-0577	EA	9' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	36,123.60	1,518.74
08 33 23 13-0578	EA	9' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	37,083.80	1,549.08
08 33 23 13-0579	EA	9' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	38,043.99	1,579.43
08 33 23 13-0580	EA	9' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	39,004.20	1,609.76
08 33 23 13-0581	EA	9' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	41,761.79	1,640.10
08 33 23 13-0582	EA	9' x 15', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	42,703.90	1,672.90
08 33 23 13-0583	EA	9' x 16', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	43,678.11	1,706.36
08 33 23 13-0584	EA	9' x 17', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	44,637.04	1,740.50
08 33 23 13-0585	EA	9' x 18', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	45,597.35	1,775.29
08 33 23 13-0586		**10' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)** *(08 33 23 13-0561)*		
08 33 23 13-0587	EA	10' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	35,161.73	1,488.41
08 33 23 13-0588	EA	10' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	36,123.60	1,518.74
08 33 23 13-0589	EA	10' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	37,083.80	1,549.08
08 33 23 13-0590	EA	10' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	38,043.99	1,579.43
08 33 23 13-0591	EA	10' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	39,004.20	1,609.76
08 33 23 13-0592	EA	10' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	39,964.40	1,640.10
08 33 23 13-0593	EA	10' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	42,721.98	1,670.45
08 33 23 13-0594	EA	10' x 15', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	43,680.27	1,703.85
08 33 23 13-0595	EA	10' x 16', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	44,639.10	1,737.92
08 33 23 13-0596	EA	10' x 17', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	45,599.29	1,772.69
08 33 23 13-0597	EA	10' x 18', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	46,560.88	1,808.13
08 33 23 13-0598		**11' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)** *(08 33 23 13-0561)*		
08 33 23 13-0599	EA	11' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	36,123.60	1,518.74
08 33 23 13-0600	EA	11' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	37,083.80	1,549.08
08 33 23 13-0601	EA	11' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	38,043.99	1,579.43
08 33 23 13-0602	EA	11' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	39,004.20	1,609.76
08 33 23 13-0603	EA	11' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	39,964.40	1,640.10
08 33 23 13-0604	EA	11' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	40,924.60	1,670.45
08 33 23 13-0605	EA	11' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	43,680.52	1,700.78
08 33 23 13-0606	EA	11' x 15', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	44,641.82	1,734.79
08 33 23 13-0607	EA	11' x 16', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	45,601.88	1,769.49
08 33 23 13-0608	EA	11' x 17', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	46,563.34	1,804.88
08 33 23 13-0609	EA	11' x 18', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	47,526.20	1,840.99
08 33 23 13-0610		**12' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)** *(08 33 23 13-0561)*		
08 33 23 13-0611	EA	12' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	37,083.80	1,549.08
08 33 23 13-0612	EA	12' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	38,043.99	1,579.43
08 33 23 13-0613	EA	12' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	39,004.20	1,609.76
08 33 23 13-0614	EA	12' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	39,964.40	1,640.10
08 33 23 13-0615	EA	12' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	40,924.60	1,670.45
08 33 23 13-0616	EA	12' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	41,884.80	1,700.78
08 33 23 13-0617	EA	12' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	44,642.37	1,731.12
08 33 23 13-0618	EA	12' x 15', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	45,603.36	1,765.74
08 33 23 13-0619	EA	12' x 16', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	46,564.67	1,801.06
08 33 23 13-0620	EA	12' x 17', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	47,527.39	1,837.08
08 33 23 13-0621	EA	12' x 18', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	48,493.35	1,873.82
08 33 23 13-0622		**13' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)** *(08 33 23 13-0561)*		
08 33 23 13-0623	EA	13' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	38,043.99	1,579.43
08 33 23 13-0624	EA	13' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	39,004.20	1,609.76
08 33 23 13-0625	EA	13' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	39,964.40	1,640.10
08 33 23 13-0626	EA	13' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	40,924.60	1,670.45

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0627	EA	13' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	41,884.80	1,700.78
08 33 23 13-0628	EA	13' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	42,844.99	1,731.12
08 33 23 13-0629	EA	13' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	45,602.58	1,761.46
08 33 23 13-0630	EA	13' x 15', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	46,564.91	1,796.69
08 33 23 13-0631	EA	13' x 16', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	47,527.45	1,832.62
08 33 23 13-0632	EA	13' x 17', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	48,491.44	1,869.28
08 33 23 13-0633	EA	13' x 18', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	49,456.87	1,906.66
08 33 23 13-0634		**14' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)** *(08 33 23 13-0561)*		
08 33 23 13-0635	EA	14' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	40,801.58	1,609.76
08 33 23 13-0636	EA	14' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	41,761.79	1,640.10
08 33 23 13-0637	EA	14' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	42,721.98	1,670.45
08 33 23 13-0638	EA	14' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	43,680.52	1,700.78
08 33 23 13-0639	EA	14' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	44,642.37	1,731.12
08 33 23 13-0640	EA	14' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	45,602.58	1,761.46
08 33 23 13-0641	EA	14' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	46,554.47	1,791.80
08 33 23 13-0642	EA	14' x 15', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	47,517.48	1,827.63
08 33 23 13-0643	EA	14' x 16', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	48,481.25	1,864.19
08 33 23 13-0644	EA	14' x 17', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	49,446.51	1,901.47
08 33 23 13-0645	EA	14' x 18', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	50,413.25	1,939.49
08 33 23 13-0646		**15' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)** *(08 33 23 13-0561)*		
08 33 23 13-0647	EA	15' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	41,757.17	1,641.96
08 33 23 13-0648	EA	15' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	42,720.52	1,672.90
08 33 23 13-0649	EA	15' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	43,680.27	1,703.85
08 33 23 13-0650	EA	15' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	44,641.82	1,734.79
08 33 23 13-0651	EA	15' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	45,603.36	1,765.74
08 33 23 13-0652	EA	15' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	46,564.91	1,796.69
08 33 23 13-0653	EA	15' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	47,517.48	1,827.63
08 33 23 13-0654	EA	15' x 15', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	48,481.25	1,864.19
08 33 23 13-0655	EA	15' x 16', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	49,446.51	1,901.47
08 33 23 13-0656	EA	15' x 17', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	50,413.25	1,939.49
08 33 23 13-0657	EA	15' x 18', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	51,381.50	1,978.29
08 33 23 13-0658		**16' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)** *(08 33 23 13-0561)*		
08 33 23 13-0659	EA	16' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	42,713.53	1,674.79
08 33 23 13-0660	EA	16' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	43,678.11	1,706.36
08 33 23 13-0661	EA	16' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	44,639.10	1,737.92
08 33 23 13-0662	EA	16' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	45,601.88	1,769.49
08 33 23 13-0663	EA	16' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	46,564.67	1,801.06
08 33 23 13-0664	EA	16' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	47,527.45	1,832.62
08 33 23 13-0665	EA	16' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	48,481.25	1,864.19
08 33 23 13-0666	EA	16' x 15', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	49,446.51	1,901.47
08 33 23 13-0667	EA	16' x 16', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	50,413.25	1,939.49
08 33 23 13-0668	EA	16' x 17', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	51,381.50	1,978.29
08 33 23 13-0669	EA	16' x 18', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	52,353.10	2,017.85
08 33 23 13-0670		**17' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)** *(08 33 23 13-0561)*		
08 33 23 13-0671	EA	17' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	43,671.20	1,708.29
08 33 23 13-0672	EA	17' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	44,637.04	1,740.50
08 33 23 13-0673	EA	17' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	45,599.29	1,772.69
08 33 23 13-0674	EA	17' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	46,563.34	1,804.88
08 33 23 13-0675	EA	17' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	47,527.39	1,837.08
08 33 23 13-0676	EA	17' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	48,491.44	1,869.28
08 33 23 13-0677	EA	17' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	49,446.51	1,901.47
08 33 23 13-0678	EA	17' x 15', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	50,413.25	1,939.49
08 33 23 13-0679	EA	17' x 16', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	51,381.50	1,978.29
08 33 23 13-0680	EA	17' x 17', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	52,353.10	2,017.85
08 33 23 13-0681	EA	17' x 18', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	53,324.48	2,058.21
08 33 23 13-0682		**18' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)** *(08 33 23 13-0561)*		
08 33 23 13-0683	EA	18' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	44,829.53	1,742.46
08 33 23 13-0684	EA	18' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	45,794.88	1,775.29
08 33 23 13-0685	EA	18' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	46,760.20	1,808.13
08 33 23 13-0686	EA	18' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	47,723.73	1,840.99
08 33 23 13-0687	EA	18' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	48,690.87	1,873.82
08 33 23 13-0688	EA	18' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	49,654.40	1,906.66
08 33 23 13-0689	EA	18' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	50,612.58	1,939.49
08 33 23 13-0690	EA	18' x 15', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	51,580.82	1,978.29

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0691	EA	18' x 16', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	52,550.63	2,017.85
08 33 23 13-0692	EA	18' x 17', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	53,522.01	2,058.21
08 33 23 13-0693	EA	18' x 18', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	54,495.02	2,099.38
08 33 23 13-0694		19' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) *(08 33 23 13-0561)*		
08 33 23 13-0695	EA	19' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	46,086.19	1,777.31
08 33 23 13-0696	EA	19' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	47,054.64	1,810.81
08 33 23 13-0697	EA	19' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	48,019.50	1,844.30
08 33 23 13-0698	EA	19' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	48,986.15	1,877.80
08 33 23 13-0699	EA	19' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	49,952.79	1,911.30
08 33 23 13-0700	EA	19' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	50,919.45	1,944.79
08 33 23 13-0701	EA	19' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	51,877.11	1,978.29
08 33 23 13-0702	EA	19' x 15', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	52,846.92	2,017.85
08 33 23 13-0703	EA	19' x 16', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	53,818.31	2,058.21
08 33 23 13-0704	EA	19' x 17', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	54,791.31	2,099.38
08 33 23 13-0705	EA	19' x 18', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	55,767.77	2,141.37
08 33 23 13-0706		20' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) *(08 33 23 13-0561)*		
08 33 23 13-0707	EA	20' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	47,641.88	1,813.22
08 33 23 13-0708	EA	20' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	48,612.33	1,846.52
08 33 23 13-0709	EA	20' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	49,578.01	1,881.03
08 33 23 13-0710	EA	20' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	50,546.68	1,915.54
08 33 23 13-0711	EA	20' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	51,514.15	1,950.04
08 33 23 13-0712	EA	20' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	52,481.62	1,983.35
08 33 23 13-0713	EA	20' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	53,441.30	2,017.85
08 33 23 13-0714	EA	20' x 15', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	54,412.88	2,058.31
08 33 23 13-0715	EA	20' x 16', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	55,385.65	2,099.95
08 33 23 13-0716	EA	20' x 17', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	56,360.80	2,141.59
08 33 23 13-0717	EA	20' x 18', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	57,337.14	2,184.43
08 33 23 13-0718		Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral LH®) *(08 33 23 13-0560)*		
08 33 23 13-0719		8' Wide, Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral LH®) *(08 33 23 13-0718)*		
08 33 23 13-0720	EA	8' x 8', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	33,381.90	951.82
08 33 23 13-0721	EA	8' x 9', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	34,115.71	972.04
08 33 23 13-0722	EA	8' x 10', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	34,849.51	992.27
08 33 23 13-0723	EA	8' x 11', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	35,579.99	1,012.49
08 33 23 13-0724	EA	8' x 12', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	36,313.79	1,032.72
08 33 23 13-0725	EA	8' x 13', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	37,047.58	1,052.94
08 33 23 13-0726	EA	8' x 14', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	44,711.52	1,073.18
08 33 23 13-0727		9' Wide, Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral LH®) *(08 33 23 13-0718)*		
08 33 23 13-0728	EA	9' x 8', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	34,115.71	972.04
08 33 23 13-0729	EA	9' x 9', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	34,849.51	992.27
08 33 23 13-0730	EA	9' x 10', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	35,579.99	1,012.49
08 33 23 13-0731	EA	9' x 11', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	36,313.79	1,032.72
08 33 23 13-0732	EA	9' x 12', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	37,047.58	1,052.94
08 33 23 13-0733	EA	9' x 13', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	37,781.38	1,073.18
08 33 23 13-0734	EA	9' x 14', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	45,445.32	1,093.41
08 33 23 13-0735		10' Wide, Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral LH®) *(08 33 23 13-0718)*		
08 33 23 13-0736	EA	10' x 8', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	34,849.51	992.27
08 33 23 13-0737	EA	10' x 9', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	35,579.99	1,012.49
08 33 23 13-0738	EA	10' x 10', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	36,313.79	1,032.72
08 33 23 13-0739	EA	10' x 11', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	37,047.58	1,052.94
08 33 23 13-0740	EA	10' x 12', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	37,781.38	1,073.18
08 33 23 13-0741	EA	10' x 13', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	38,515.18	1,093.41
08 33 23 13-0742	EA	10' x 14', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	46,179.11	1,113.63
08 33 23 13-0743		11' Wide, Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral LH®) *(08 33 23 13-0718)*		
08 33 23 13-0744	EA	11' x 8', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	35,579.99	1,012.49
08 33 23 13-0745	EA	11' x 9', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	36,313.79	1,032.72
08 33 23 13-0746	EA	11' x 10', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	37,047.58	1,052.94
08 33 23 13-0747	EA	11' x 11', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	37,781.38	1,073.18
08 33 23 13-0748	EA	11' x 12', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	38,515.18	1,093.41

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0749	EA	11' x 13', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	39,248.97	1,113.63
08 33 23 13-0750	EA	11' x 14', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	46,909.59	1,133.86
08 33 23 13-0751		12' Wide, Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral LH®) *(08 33 23 13-0718)*		
08 33 23 13-0752	EA	12' x 8', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	36,313.79	1,032.72
08 33 23 13-0753	EA	12' x 9', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	37,047.58	1,052.94
08 33 23 13-0754	EA	12' x 10', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	37,781.38	1,073.18
08 33 23 13-0755	EA	12' x 11', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	38,515.18	1,093.41
08 33 23 13-0756	EA	12' x 12', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	39,248.97	1,113.63
08 33 23 13-0757	EA	12' x 13', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	39,982.77	1,133.86
08 33 23 13-0758	EA	12' x 14', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	47,643.39	1,154.08
08 33 23 13-0759		13' Wide, Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral LH®) *(08 33 23 13-0718)*		
08 33 23 13-0760	EA	13' x 8', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	37,047.58	1,052.94
08 33 23 13-0761	EA	13' x 9', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	37,781.38	1,073.18
08 33 23 13-0762	EA	13' x 10', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	38,515.18	1,093.41
08 33 23 13-0763	EA	13' x 11', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	39,248.97	1,113.63
08 33 23 13-0764	EA	13' x 12', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	39,982.77	1,133.86
08 33 23 13-0765	EA	13' x 13', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	40,716.58	1,154.08
08 33 23 13-0766	EA	13' x 14', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	48,377.19	1,174.31
08 33 23 13-0767		14' Wide, Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral LH®) *(08 33 23 13-0718)*		
08 33 23 13-0768	EA	14' x 8', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	44,711.52	1,073.18
08 33 23 13-0769	EA	14' x 9', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	45,445.32	1,093.41
08 33 23 13-0770	EA	14' x 10', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	46,179.11	1,113.63
08 33 23 13-0771	EA	14' x 11', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	46,909.59	1,133.86
08 33 23 13-0772	EA	14' x 12', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	47,643.39	1,154.08
08 33 23 13-0773	EA	14' x 13', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	48,377.19	1,174.31
08 33 23 13-0774	EA	14' x 14', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	49,110.99	1,194.53
08 33 23 13-0775		Full Vision, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral FV®) *(08 33 23 13-0560)*		
08 33 23 13-0776		8' Wide, Full Vision, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral FV®) *(08 33 23 13-0775)*		
08 33 23 13-0777	EA	8' x 8', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	31,005.90	951.82
08 33 23 13-0778	EA	8' x 9', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	31,739.71	972.04
08 33 23 13-0779	EA	8' x 10', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	32,473.51	992.27
08 33 23 13-0780	EA	8' x 11', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	33,205.65	1,012.49
08 33 23 13-0781	EA	8' x 12', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	33,939.45	1,032.72
08 33 23 13-0782	EA	8' x 12' 9", Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	34,660.87	1,047.59
08 33 23 13-0783	EA	8' x 13', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	39,687.95	1,052.94
08 33 23 13-0784		9' Wide, Full Vision, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral FV®) *(08 33 23 13-0775)*		
08 33 23 13-0785	EA	9' x 8', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	31,739.71	972.04
08 33 23 13-0786	EA	9' x 9', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	32,473.51	992.27
08 33 23 13-0787	EA	9' x 10', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	33,205.65	1,012.49
08 33 23 13-0788	EA	9' x 11', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	33,939.45	1,032.72
08 33 23 13-0789	EA	9' x 12', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	34,671.58	1,052.94
08 33 23 13-0790	EA	9' x 12' 9", Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	35,389.91	1,065.45
08 33 23 13-0791	EA	9' x 13', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	37,931.02	1,073.18
08 33 23 13-0792		10' Wide, Full Vision, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral FV®) *(08 33 23 13-0775)*		
08 33 23 13-0793	EA	10' x 8', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	32,473.51	992.27
08 33 23 13-0794	EA	10' x 9', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	33,205.65	1,012.49
08 33 23 13-0795	EA	10' x 10', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	33,939.45	1,032.72
08 33 23 13-0796	EA	10' x 11', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	34,671.58	1,052.94
08 33 23 13-0797	EA	10' x 12', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	35,405.38	1,073.18
08 33 23 13-0798	EA	10' x 12' 9", Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	36,128.46	1,088.05
08 33 23 13-0799	EA	10' x 13', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	38,870.99	1,093.41
08 33 23 13-0800		11' Wide, Full Vision, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral FV®) *(08 33 23 13-0775)*		
08 33 23 13-0801	EA	11' x 8', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	33,205.65	1,012.49
08 33 23 13-0802	EA	11' x 9', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	33,939.45	1,032.72
08 33 23 13-0803	EA	11' x 10', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	34,671.58	1,052.94

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0804	EA	11' x 11', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	35,405.38	1,073.18
08 33 23 13-0805	EA	11' x 12', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	36,139.17	1,093.41
08 33 23 13-0806	EA	11' x 12' 9", Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	36,862.26	1,108.27
08 33 23 13-0807	EA	11' x 13', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	39,810.97	1,113.63
08 33 23 13-0808		**12' Wide, Full Vision, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral FV®)** *(08 33 23 13-0775)*		
08 33 23 13-0809	EA	12' x 8', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	33,939.45	1,032.72
08 33 23 13-0810	EA	12' x 9', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	34,671.58	1,052.94
08 33 23 13-0811	EA	12' x 10', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	35,405.38	1,073.18
08 33 23 13-0812	EA	12' x 11', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	36,139.17	1,093.41
08 33 23 13-0813	EA	12' x 12', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	36,872.97	1,113.63
08 33 23 13-0814	EA	12' x 12' 9", Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	37,593.69	1,127.31
08 33 23 13-0815	EA	12' x 13', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	40,750.94	1,133.86
08 33 23 13-0816		**13' Wide, Full Vision, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral FV®)** *(08 33 23 13-0775)*		
08 33 23 13-0817	EA	13' x 8', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	34,671.58	1,052.94
08 33 23 13-0818	EA	13' x 9', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	35,405.38	1,073.18
08 33 23 13-0819	EA	13' x 10', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	36,139.17	1,093.41
08 33 23 13-0820	EA	13' x 11', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	36,872.97	1,113.63
08 33 23 13-0821	EA	13' x 12', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	37,606.77	1,133.86
08 33 23 13-0822	EA	13' x 12' 9", Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	38,328.68	1,148.13
08 33 23 13-0823	EA	13' x 13', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	41,690.92	1,154.08
08 33 23 13-0824		**14' Wide, Full Vision, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral FV®)** *(08 33 23 13-0775)*		
08 33 23 13-0825	EA	14' x 8', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	39,728.40	1,073.18
08 33 23 13-0826	EA	14' x 9', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	40,668.38	1,093.41
08 33 23 13-0827	EA	14' x 10', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	41,608.35	1,113.63
08 33 23 13-0828	EA	14' x 11', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	42,546.66	1,133.86
08 33 23 13-0829	EA	14' x 12', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	43,488.30	1,154.08
08 33 23 13-0830	EA	14' x 12' 9", Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	44,417.57	1,168.95
08 33 23 13-0831	EA	14' x 13', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	44,428.27	1,174.31
08 33 23 13-0832		**Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral SST-HZ®)** *(08 33 23 13-0560)*		
08 33 23 13-0833		**8' Wide, Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral SST-HZ®)** *(08 33 23 13-0832)*		
08 33 23 13-0834	EA	8' x 8', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	41,563.86	951.82
08 33 23 13-0835	EA	8' x 9', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	42,496.79	972.04
08 33 23 13-0836	EA	8' x 10', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	43,427.92	992.27
08 33 23 13-0837	EA	8' x 11', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	44,852.88	1,012.49
08 33 23 13-0838	EA	8' x 12', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	46,279.62	1,032.72
08 33 23 13-0839	EA	8' x 13', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	47,706.37	1,052.94
08 33 23 13-0840	EA	8' x 14', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	49,133.11	1,073.18
08 33 23 13-0841		**9' Wide, Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral SST-HZ®)** *(08 33 23 13-0832)*		
08 33 23 13-0842	EA	9' x 8', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	42,496.79	972.04
08 33 23 13-0843	EA	9' x 9', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	43,427.92	992.27
08 33 23 13-0844	EA	9' x 10', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	44,359.06	1,012.49
08 33 23 13-0845	EA	9' x 11', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	45,785.80	1,032.72
08 33 23 13-0846	EA	9' x 12', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	47,210.75	1,052.94
08 33 23 13-0847	EA	9' x 13', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	48,637.49	1,073.18
08 33 23 13-0848	EA	9' x 14', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	50,073.22	1,093.41
08 33 23 13-0849		**10' Wide, Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral SST-HZ®)** *(08 33 23 13-0832)*		
08 33 23 13-0850	EA	10' x 8', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	43,427.92	992.27
08 33 23 13-0851	EA	10' x 9', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	44,359.06	1,012.49
08 33 23 13-0852	EA	10' x 10', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	45,290.18	1,032.72
08 33 23 13-0853	EA	10' x 11', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	46,716.93	1,052.94
08 33 23 13-0854	EA	10' x 12', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	48,141.87	1,073.18
08 33 23 13-0855	EA	10' x 13', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	49,568.62	1,093.41
08 33 23 13-0856	EA	10' x 14', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	51,013.32	1,113.63
08 33 23 13-0857		**11' Wide, Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral SST-HZ®)** *(08 33 23 13-0832)*		
08 33 23 13-0858	EA	11' x 8', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	44,359.06	1,012.49

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0859	EA	11' x 9', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	45,290.18	1,032.72
08 33 23 13-0860	EA	11' x 10', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	46,221.31	1,052.94
08 33 23 13-0861	EA	11' x 11', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	47,648.05	1,073.18
08 33 23 13-0862	EA	11' x 12', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	49,074.80	1,093.41
08 33 23 13-0863	EA	11' x 13', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	50,499.75	1,113.63
08 33 23 13-0864	EA	11' x 14', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	51,951.63	1,133.86
08 33 23 13-0865		**12' Wide, Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral SST-HZ®)** *(08 33 23 13-0832)*		
08 33 23 13-0866	EA	12' x 8', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	45,290.18	1,032.72
08 33 23 13-0867	EA	12' x 9', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	46,221.31	1,052.94
08 33 23 13-0868	EA	12' x 10', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	47,152.43	1,073.18
08 33 23 13-0869	EA	12' x 11', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	48,579.18	1,093.41
08 33 23 13-0870	EA	12' x 12', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	50,005.92	1,113.63
08 33 23 13-0871	EA	12' x 13', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	51,430.87	1,133.86
08 33 23 13-0872	EA	12' x 14', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	52,893.54	1,154.08
08 33 23 13-0873		**13' Wide, Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral SST-HZ®)** *(08 33 23 13-0832)*		
08 33 23 13-0874	EA	13' x 8', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	46,221.31	1,052.94
08 33 23 13-0875	EA	13' x 9', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	47,152.43	1,073.18
08 33 23 13-0876	EA	13' x 10', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	48,083.56	1,093.41
08 33 23 13-0877	EA	13' x 11', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	49,510.30	1,113.63
08 33 23 13-0878	EA	13' x 12', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	50,937.05	1,133.86
08 33 23 13-0879	EA	13' x 13', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	52,363.80	1,154.08
08 33 23 13-0880	EA	13' x 14', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	53,833.65	1,174.31
08 33 23 13-0881		**14' Wide, Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral SST-HZ®)** *(08 33 23 13-0832)*		
08 33 23 13-0882	EA	14' x 8', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	47,152.43	1,073.18
08 33 23 13-0883	EA	14' x 9', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	48,083.56	1,093.41
08 33 23 13-0884	EA	14' x 10', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	49,014.69	1,113.63
08 33 23 13-0885	EA	14' x 11', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	50,441.43	1,133.86
08 33 23 13-0886	EA	14' x 12', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	51,868.19	1,154.08
08 33 23 13-0887	EA	14' x 13', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	53,294.93	1,174.31
08 33 23 13-0888	EA	14' x 14', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	54,764.77	1,194.53
08 33 23 13-0889		**Rytec® Spiral® Door Options** *(08 33 23 13-0560)*		
08 33 23 13-0890	EA	Insulated Slats For Rytec® Spiral® High-Speed Rolling Doors Note: Per door price.	540.38	
08 33 23 13-0891	EA	Up To 13' Wide Doors, Width Of Door, Ventilated Slats For Rytec® Spiral® High-Speed Rolling Doors Note: Maximum of 4 per door.	365.79	
08 33 23 13-0892	EA	>13' Wide Doors, Width Of Door, Ventilated Slats For Rytec® Spiral® High-Speed Rolling Doors Note: Maximum of 4 per door.	540.38	
08 33 23 13-0893	EA	Up To 13' Wide Doors, 6" High x Width Of Door, Window Slats For Rytec® Spiral® High-Speed Rolling Doors Note: Maximum of 4 per door.	365.79	
08 33 23 13-0894	EA	>13' Wide Doors, 6" High x Width Of Door, Window Slats For Rytec® Spiral® High-Speed Rolling Doors Note: Maximum of 4 per door.	540.38	
08 33 23 13-0895	EA	Right Hand Motor Mount For Rytec® Spiral® High-Speed Rolling Doors	1,016.84	59.48
08 33 23 13-0896	EA	Up To 13' Wide Doors, Full Hood For Rytec® Spiral® High-Speed Rolling Doors	2,931.54	118.98
08 33 23 13-0897	EA	>13' To 16' Wide Doors, Full Hood For Rytec® Spiral® High-Speed Rolling Doors	5,267.63	118.98
08 33 23 13-0898	EA	>16' Wide Doors, Full Hood For Rytec® Spiral® High-Speed Rolling Doors	5,990.91	118.98
08 33 23 13-0899	EA	Through Wall Brake Release For Rytec® Spiral® High-Speed Rolling Doors	628.50	
08 33 23 13-0900		**Activation And Control Box Options For High Speed Doors** *(08 33 23 13)*		
08 33 23 13-0901	EA	Pull Cord For High-Speed Rolling Doors	252.00	59.48
08 33 23 13-0902	EA	Emergency Stop, Pushbutton Control For High-Speed Rolling Doors	192.50	29.74
08 33 23 13-0903	EA	NEMA 4 Mushroom Remote Pushbutton Control For High-Speed Rolling Doors	242.38	29.74
08 33 23 13-0904	EA	On/Off Selector Switch, Remote Control For High-Speed Rolling Doors	167.56	29.74
08 33 23 13-0905	EA	On/Off Key Switch, Remote Control For High-Speed Rolling Doors	259.00	29.74
08 33 23 13-0906	EA	Keyed Remote Single Pushbutton Control For High-Speed Rolling Doors	425.27	29.74
08 33 23 13-0907	EA	Open/Close/Stop, Remote Pushbutton Control For High-Speed Rolling Doors	466.84	29.74
08 33 23 13-0908	EA	Radio Control For High-Speed Rolling Doors Note: Includes one receiver and two transmitters.	718.84	53.54
08 33 23 13-0909	EA	Floor Loop For High-Speed Rolling Doors Note: Excludes sealant.	956.80	
08 33 23 13-0910	EA	Reflective Type Photo Eye For High-Speed Rolling Doors	618.59	53.54
08 33 23 13-0911	EA	Thru-Beam Type Photo Eye For High-Speed Rolling Doors	810.29	53.54
08 33 23 13-0912	EA	Motion Detector For High-Speed Rolling Doors	703.21	35.69
08 33 23 13-0913	EA	Remote Warning Horn For High-Speed Rolling Doors Note: Includes wall box and mounting hardware.	484.77	59.48
08 33 23 13-0914	EA	Remote Strobe Light For High-Speed Rolling Doors Note: Includes wall box and mounting hardware.	659.36	59.48
08 33 23 13-0915	EA	Remote Warning Horn And Strobe Light For High-Speed Rolling Doors Note: Includes wall box and mounting hardware.	750.81	59.48

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0916	EA	Red And Green Red Light For High-Speed Rolling Doors Note: Includes mounting hardware.	933.70	59.48

08 33 26 Overhead Coiling Grilles *(08 33)*

Note: Includes curtains, guides, counterbalance mechanisms, hardware, operators, frame, supports and/or trim as required.
Excludes lifting equipment (forklift or scissor lift) where required.

08 33 26 00-0001 Galvanized Steel Overhead Coiling Grilles (Width x Height) *(08 33 26)*

08 33 26 00-0002	EA	4' x 8', Galvanized Steel Overhead Coiling Grilles, Manual Lift	2,277.76	280.14
		For Lexan Lattice Pattern, Add	*221.70*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*207.40*	
		For Staggered Brick Pattern, Add	*280.75*	
08 33 26 00-0003	EA	6' x 8', Galvanized Steel Overhead Coiling Grilles, Manual Lift	2,541.48	280.14
		For Lexan Lattice Pattern, Add	*261.26*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*311.11*	
		For Staggered Brick Pattern, Add	*380.22*	
08 33 26 00-0004	EA	8' x 8', Galvanized Steel Overhead Coiling Grilles, Manual Lift	3,073.32	350.18
		For Lexan Lattice Pattern, Add	*310.77*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*414.80*	
		For Staggered Brick Pattern, Add	*479.69*	
08 33 26 00-0005	EA	12' x 8', Galvanized Steel Overhead Coiling Grilles, Manual Lift	3,453.64	350.18
		For Lexan Lattice Pattern, Add	*367.82*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*436.11*	
		For Staggered Brick Pattern, Add	*678.62*	
08 33 26 00-0006	EA	16' x 8', Galvanized Steel Overhead Coiling Grilles, Manual Lift	4,838.36	560.29
		For Lexan Lattice Pattern, Add	*485.25*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*829.60*	
		For Staggered Brick Pattern, Add	*957.02*	
08 33 26 00-0007	EA	20' x 8', Galvanized Steel Overhead Coiling Grilles, Manual Lift	6,014.85	700.35
		For Lexan Lattice Pattern, Add	*602.68*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,037.00*	
		For Staggered Brick Pattern, Add	*1,235.39*	
08 33 26 00-0008	EA	24' x 8', Galvanized Steel Overhead Coiling Grilles, Manual Lift	7,537.74	840.42
		For Lexan Lattice Pattern, Add	*770.77*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,244.40*	
		For Staggered Brick Pattern, Add	*1,389.66*	
08 33 26 00-0009	EA	30' x 8', Galvanized Steel Overhead Coiling Grilles, Manual Lift	9,190.01	1,027.18
		For Lexan Lattice Pattern, Add	*939.68*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,441.30*	
		For Staggered Brick Pattern, Add	*1,515.61*	
08 33 26 00-0010	EA	4' x 10', Galvanized Steel Overhead Coiling Grilles, Manual Lift	2,468.91	280.14
		For Lexan Lattice Pattern, Add	*250.37*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*259.25*	
		For Staggered Brick Pattern, Add	*333.53*	
08 33 26 00-0011	EA	6' x 10', Galvanized Steel Overhead Coiling Grilles, Manual Lift	2,818.42	280.14
		For Lexan Lattice Pattern, Add	*302.80*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*388.86*	
		For Staggered Brick Pattern, Add	*473.64*	
08 33 26 00-0012	EA	8' x 10', Galvanized Steel Overhead Coiling Grilles, Manual Lift	3,379.23	350.18
		For Lexan Lattice Pattern, Add	*357.11*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*518.51*	
		For Staggered Brick Pattern, Add	*613.74*	
08 33 26 00-0013	EA	12' x 10', Galvanized Steel Overhead Coiling Grilles, Manual Lift	3,855.53	350.18
		For Lexan Lattice Pattern, Add	*428.55*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*777.75*	
		For Staggered Brick Pattern, Add	*893.94*	
08 33 26 00-0014	EA	16' x 10', Galvanized Steel Overhead Coiling Grilles, Manual Lift	5,367.74	560.29
		For Lexan Lattice Pattern, Add	*564.66*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,037.00*	
		For Staggered Brick Pattern, Add	*1,232.63*	
08 33 26 00-0015	EA	20' x 10', Galvanized Steel Overhead Coiling Grilles, Manual Lift	6,668.70	700.35
		For Lexan Lattice Pattern, Add	*700.75*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,296.24*	
		For Staggered Brick Pattern, Add	*1,571.30*	
08 33 26 00-0016	EA	24' x 10', Galvanized Steel Overhead Coiling Grilles, Manual Lift	8,327.73	840.42
		For Lexan Lattice Pattern, Add	*889.27*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,555.69*	
		For Staggered Brick Pattern, Add	*1,819.68*	
08 33 26 00-0017	EA	30' x 10', Galvanized Steel Overhead Coiling Grilles, Manual Lift	10,409.85	1,027.18
		For Lexan Lattice Pattern, Add	*1,122.66*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,821.48*	
		For Staggered Brick Pattern, Add	*2,038.45*	
08 33 26 00-0018	EA	4' x 12', Galvanized Steel Overhead Coiling Grilles, Manual Lift	2,687.80	280.14
		For Lexan Lattice Pattern, Add	*283.21*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*311.11*	
		For Staggered Brick Pattern, Add	*385.55*	
08 33 26 00-0019	EA	6' x 12', Galvanized Steel Overhead Coiling Grilles, Manual Lift	2,751.16	280.14
		For Lexan Lattice Pattern, Add	*292.71*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*466.64*	
		For Staggered Brick Pattern, Add	*565.49*	
08 33 26 00-0020	EA	8' x 12', Galvanized Steel Overhead Coiling Grilles, Manual Lift	3,361.06	350.18
		For Lexan Lattice Pattern, Add	*353.93*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*622.18*	
		For Staggered Brick Pattern, Add	*745.42*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 26 00-0021	EA	12' x 12', Galvanized Steel Overhead Coiling Grilles, Manual Lift	4,313.51	350.18
		For Lexan Lattice Pattern, Add	*496.80*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*933.26*	
		For Staggered Brick Pattern, Add	*1,105.29*	
08 33 26 00-0022	EA	16' x 12', Galvanized Steel Overhead Coiling Grilles, Manual Lift	6,116.08	560.29
		For Lexan Lattice Pattern, Add	*676.91*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,244.38*	
		For Staggered Brick Pattern, Add	*1,536.68*	
08 33 26 00-0023	EA	20' x 12', Galvanized Steel Overhead Coiling Grilles, Manual Lift	7,710.40	700.35
		For Lexan Lattice Pattern, Add	*857.01*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,555.49*	
		For Staggered Brick Pattern, Add	*1,968.06*	
08 33 26 00-0024	EA	24' x 12', Galvanized Steel Overhead Coiling Grilles, Manual Lift	9,340.08	840.42
		For Lexan Lattice Pattern, Add	*1,041.12*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,866.59*	
		For Staggered Brick Pattern, Add	*2,080.96*	
08 33 26 00-0025	EA	30' x 12', Galvanized Steel Overhead Coiling Grilles, Manual Lift	11,615.07	1,027.18
		For Lexan Lattice Pattern, Add	*1,303.44*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*2,163.11*	
		For Staggered Brick Pattern, Add	*2,267.23*	
08 33 26 00-0026	EA	4' x 14', Galvanized Steel Overhead Coiling Grilles, Manual Lift	3,079.30	280.14
		For Lexan Lattice Pattern, Add	*341.93*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*362.81*	
		For Staggered Brick Pattern, Add	*713.12*	
08 33 26 00-0027	EA	6' x 14', Galvanized Steel Overhead Coiling Grilles, Manual Lift	3,506.75	280.14
		For Lexan Lattice Pattern, Add	*406.05*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*544.33*	
		For Staggered Brick Pattern, Add	*875.62*	
08 33 26 00-0028	EA	8' x 14', Galvanized Steel Overhead Coiling Grilles, Manual Lift	4,137.65	350.18
		For Lexan Lattice Pattern, Add	*470.87*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*725.83*	
		For Staggered Brick Pattern, Add	*1,019.59*	
08 33 26 00-0029	EA	12' x 14', Galvanized Steel Overhead Coiling Grilles, Manual Lift	5,035.58	350.18
		For Lexan Lattice Pattern, Add	*605.56*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,088.84*	
		For Staggered Brick Pattern, Add	*1,292.92*	
08 33 26 00-0030	EA	16' x 14', Galvanized Steel Overhead Coiling Grilles, Manual Lift	6,862.71	560.29
		For Lexan Lattice Pattern, Add	*788.90*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,451.80*	
		For Staggered Brick Pattern, Add	*1,729.69*	
08 33 26 00-0031	EA	20' x 14', Galvanized Steel Overhead Coiling Grilles, Manual Lift	8,478.63	700.35
		For Lexan Lattice Pattern, Add	*972.24*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,814.73*	
		For Staggered Brick Pattern, Add	*2,166.46*	
08 33 26 00-0032	EA	24' x 14', Galvanized Steel Overhead Coiling Grilles, Manual Lift	10,137.70	840.42
		For Lexan Lattice Pattern, Add	*1,160.76*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*2,177.69*	
		For Staggered Brick Pattern, Add	*2,457.01*	
08 33 26 00-0033	EA	30' x 14', Galvanized Steel Overhead Coiling Grilles, Manual Lift	12,914.48	1,027.18
		For Lexan Lattice Pattern, Add	*1,498.35*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*2,570.78*	
		For Staggered Brick Pattern, Add	*2,807.25*	

08 33 26 00-0034 Coiling Grilles Accessories *(08 33 26)*

08 33 26 00-0035	LF	For Overhead Framed Rolling Grille Supports	120.21	

08 33 36 Side Coiling Grilles *(08 33)*

08 33 36 00-0001 Galvanized Steel Side Coiling Grilles (Width x Height) *(08 33 36)*

08 33 36 00-0002	EA	12' x 8', Galvanized Steel Side Coiling Grilles, Manually Operated	4,260.39	783.33
		For Lexan Lattice Pattern, Add	*303.32*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*622.20*	
		For Staggered Brick Pattern, Add	*678.62*	
08 33 36 00-0003	EA	18' x 8', Galvanized Steel Side Coiling Grilles, Manually Operated	5,844.01	1,006.24
		For Lexan Lattice Pattern, Add	*445.35*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*954.39*	
		For Staggered Brick Pattern, Add	*1,086.93*	
08 33 36 00-0004	EA	24' x 8', Galvanized Steel Side Coiling Grilles, Manually Operated	7,524.60	1,268.77
		For Lexan Lattice Pattern, Add	*584.94*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,244.40*	
		For Staggered Brick Pattern, Add	*1,389.66*	
08 33 36 00-0005	EA	30' x 8', Galvanized Steel Side Coiling Grilles, Manually Operated	8,878.09	1,400.71
		For Lexan Lattice Pattern, Add	*731.17*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,441.30*	
		For Staggered Brick Pattern, Add	*1,515.61*	
08 33 36 00-0006	EA	12' x 10', Galvanized Steel Side Coiling Grilles, Manually Operated	5,077.52	893.12
		For Lexan Lattice Pattern, Add	*378.88*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*777.75*	
		For Staggered Brick Pattern, Add	*893.94*	
08 33 36 00-0007	EA	18' x 10', Galvanized Steel Side Coiling Grilles, Manually Operated	6,992.74	1,147.11
		For Lexan Lattice Pattern, Add	*557.02*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,145.43*	
		For Staggered Brick Pattern, Add	*1,357.43*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 36 00-0008	EA	24' x 10', Galvanized Steel Side Coiling Grilles, Manually Operated	8,918.47	1,445.93
		For Lexan Lattice Pattern, Add	*717.88*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,555.69*	
		For Staggered Brick Pattern, Add	*1,819.68*	
08 33 36 00-0009	EA	30' x 10', Galvanized Steel Side Coiling Grilles, Manually Operated	10,672.39	1,596.80
		For Lexan Lattice Pattern, Add	*913.70*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,821.48*	
		For Staggered Brick Pattern, Add	*2,038.45*	
08 33 36 00-0010	EA	12' x 12', Galvanized Steel Side Coiling Grilles, Manually Operated	5,906.94	1,006.24
		For Lexan Lattice Pattern, Add	*454.79*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*933.26*	
		For Staggered Brick Pattern, Add	*1,105.29*	
08 33 36 00-0011	EA	18' x 12', Galvanized Steel Side Coiling Grilles, Manually Operated	8,154.65	1,292.39
		For Lexan Lattice Pattern, Add	*667.36*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,377.98*	
		For Staggered Brick Pattern, Add	*1,685.29*	
08 33 36 00-0012	EA	24' x 12', Galvanized Steel Side Coiling Grilles, Manually Operated	10,481.34	1,629.49
		For Lexan Lattice Pattern, Add	*877.41*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,866.59*	
		For Staggered Brick Pattern, Add	*2,080.96*	
08 33 36 00-0013	EA	30' x 12', Galvanized Steel Side Coiling Grilles, Manually Operated	12,450.42	1,797.57
		For Lexan Lattice Pattern, Add	*1,096.76*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*2,163.11*	
		For Staggered Brick Pattern, Add	*2,267.23*	
08 33 36 00-0014	EA	12' x 14', Galvanized Steel Side Coiling Grilles, Manually Operated	6,721.28	1,112.56
		For Lexan Lattice Pattern, Add	*531.76*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,088.84*	
		For Staggered Brick Pattern, Add	*1,292.92*	
08 33 36 00-0015	EA	18' x 14', Galvanized Steel Side Coiling Grilles, Manually Operated	9,310.84	1,428.72
		For Lexan Lattice Pattern, Add	*779.03*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*1,574.86*	
		For Staggered Brick Pattern, Add	*1,872.47*	
08 33 36 00-0016	EA	24' x 14', Galvanized Steel Side Coiling Grilles, Manually Operated	11,955.07	1,801.30
		For Lexan Lattice Pattern, Add	*1,023.64*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*2,177.69*	
		For Staggered Brick Pattern, Add	*2,457.01*	
08 33 36 00-0017	EA	30' x 14', Galvanized Steel Side Coiling Grilles, Manually Operated	14,207.37	1,989.00
		For Lexan Lattice Pattern, Add	*1,278.89*	
		For Aluminum With Clear Or Anodized Bronze Finish, Add	*2,570.78*	
		For Staggered Brick Pattern, Add	*2,807.25*	

08 34 Special Function Doors *(08 30)*

08 34 23 Sidewalk and Basement Doors *(08 34)*

08 34 23 00-0001 Drainage Doors *(08 34 23)*

08 34 23 00-0002 Single Leaf Aluminum Drainage Doors *(08 34 23 00-0001)*

Note: Bilco - J Series.

08 34 23 00-0003	EA	2' x 2' Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door	1,251.46	211.90
08 34 23 00-0004	EA	2'-6" x 2'-6" Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door	1,532.54	221.42
08 34 23 00-0005	EA	3' x 2'-6" Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door	1,625.96	226.17
08 34 23 00-0006	EA	3' x 3' Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door	1,790.05	230.93
08 34 23 00-0007	EA	3'-6" x 3'-6" Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door	2,082.52	242.83
08 34 23 00-0008	EA	2'-6" x 4' Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door	2,121.29	237.24
08 34 23 00-0009	EA	3' x 4' Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door	2,357.16	242.83
08 34 23 00-0010	EA	2'-6" x 5' Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door	2,459.67	248.43
08 34 23 00-0011	EA	3' x 5' Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door	2,695.57	254.01
08 34 23 00-0012	EA	3' x 6' Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door	3,125.03	268.29

08 34 23 00-0013 Double Leaf Aluminum Drainage Doors *(08 34 23 00-0001)*

Note: Bilco - JD Series.

08 34 23 00-0014	EA	4' x 2'-6" Double Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door	2,513.63	237.24
08 34 23 00-0015	EA	4' x 4' Double Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door	2,640.64	254.01
08 34 23 00-0016	EA	4' x 6' Double Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door	3,342.62	282.57
08 34 23 00-0017	EA	5' x 5' Double Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door	3,436.78	282.57

08 34 23 00-0018 Single Leaf Aluminum H2O Drainage Doors *(08 34 23 00-0001)*

Note: Bilco - J H2O Series.

08 34 23 00-0019	EA	2' x 2' Single Leaf Aluminum H2O Drainage Floor, Vault Or Sidewalk Door	1,981.21	211.90
08 34 23 00-0020	EA	2'-6" x 2'-6" Single Leaf Aluminum H2O Drainage Floor, Vault Or Sidewalk Door	2,309.38	221.42
08 34 23 00-0021	EA	3' x 2' 6" Single Leaf Aluminum H2O Drainage Floor, Vault Or Sidewalk Door	2,512.70	226.17
08 34 23 00-0022	EA	3' x 3' Single Leaf Aluminum H2O Drainage Floor, Vault Or Sidewalk Door	2,841.57	230.93
08 34 23 00-0023	EA	3'-6" x 3'-6" Single Leaf Aluminum H2O Drainage Floor, Vault Or Sidewalk Door	3,283.14	242.83

08 34 23 00-0024 Double Leaf Aluminum H2O Drainage Doors *(08 34 23 00-0001)*

Note: Bilco - JD H2O Series.

08 34 23 00-0025	EA	4' x 2'-6" Double Leaf Aluminum H2O Drainage Floor, Vault Or Sidewalk Door	3,282.63	237.24
08 34 23 00-0026	EA	4' x 4' Double Leaf Aluminum H2O Drainage Floor, Vault Or Sidewalk Door	4,382.64	254.01
08 34 23 00-0027	EA	4' x 6' Double Leaf Aluminum H2O Drainage Floor, Vault Or Sidewalk Door	6,222.41	282.57

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 34 23 00-0028	EA	5' x 5' Double Leaf Aluminum H2O Drainage Floor, Vault Or Sidewalk Door	5,861.46	282.57
08 34 23 00-0029		**Single Leaf Steel Drainage Doors** *(08 34 23 00-0001)*		
		Note: Bilco - J Series.		
08 34 23 00-0030	EA	2' x 2' Single Leaf Steel Floor, Vault Or Sidewalk Door	1,964.47	211.90
08 34 23 00-0031	EA	2'-6" x 2'-6" Single Leaf Steel Drainage Floor, Vault Or Sidewalk Door	2,064.15	221.42
08 34 23 00-0032	EA	3' x 2'-6" Single Leaf Steel Drainage Floor, Vault Or Sidewalk Door	2,303.03	226.17
08 34 23 00-0033	EA	3' x 3' Single Leaf Steel Drainage Floor, Vault Or Sidewalk Door	2,554.15	230.93
08 34 23 00-0034	EA	3'-6" x 3'-6" Single Leaf Steel Drainage Floor, Vault Or Sidewalk Door	2,974.53	242.83
08 34 23 00-0035	EA	2'-6" x 4' Single Leaf Steel Drainage Floor, Vault Or Sidewalk Door	2,832.04	237.24
08 34 23 00-0036	EA	3' x 4' Single Leaf Steel Drainage Floor, Vault Or Sidewalk Door	3,230.70	242.83
08 34 23 00-0037	EA	2'-6" x 5' Single Leaf Steel Drainage Floor, Vault Or Sidewalk Door	3,214.65	248.43
08 34 23 00-0038	EA	3' x 5' Single Leaf Steel Drainage Floor, Vault Or Sidewalk Door	3,588.94	254.01
08 34 23 00-0039	EA	3' x 6' Single Leaf Steel Drainage Floor, Vault Or Sidewalk Door	3,829.93	268.29
08 34 23 00-0040		**Double Leaf Steel Drainage Doors** *(08 34 23 00-0001)*		
		Note: Bilco - JD Series.		
08 34 23 00-0041	EA	4' x 2'-6" Double Leaf Steel Drainage Floor, Vault Or Sidewalk Door	3,490.75	237.24
08 34 23 00-0042	EA	4' x 4' Double Leaf Steel Drainage Floor, Vault Or Sidewalk Door	3,662.13	254.01
08 34 23 00-0043	EA	4' x 6' Double Leaf Steel Drainage Floor, Vault Or Sidewalk Door	4,571.06	282.57
08 34 23 00-0044	EA	5' x 5' Double Leaf Steel Drainage Floor, Vault Or Sidewalk Door	4,705.25	282.57
08 34 23 00-0045		**Single Leaf Steel H2O Drainage Doors** *(08 34 23 00-0001)*		
		Note: Bilco - J H2O Series.		
08 34 23 00-0046	EA	2' x 2' Single Leaf Steel H2O Drainage Floor, Vault Or Sidewalk Door	3,379.49	211.90
08 34 23 00-0047	EA	2'-6" x 2'-6" Single Leaf Steel H2O Drainage Floor, Vault Or Sidewalk Door	3,576.76	221.42
08 34 23 00-0048	EA	3' x 2'-6" Single Leaf Steel H2O Drainage Floor, Vault Or Sidewalk Door	3,705.89	226.17
08 34 23 00-0049	EA	3' x 3' Single Leaf Steel H2O Drainage Floor, Vault Or Sidewalk Door	4,371.76	230.93
08 34 23 00-0050	EA	3'-6" x 3'-6" Single Leaf Steel H2O Drainage Floor, Vault Or Sidewalk Door	5,158.10	242.83
08 34 23 00-0051		**Double Leaf Steel H2O Drainage Doors** *(08 34 23 00-0001)*		
		Note: Bilco - JD H2O Series.		
08 34 23 00-0052	EA	4' x 2'-6" Double Leaf Steel H2O Drainage Floor, Vault Or Sidewalk Door	5,686.47	237.24
08 34 23 00-0053	EA	4' x 4' Double Leaf Steel H2O Drainage Floor, Vault Or Sidewalk Door	6,357.99	254.01
08 34 23 00-0054	EA	4' x 6' Double Leaf Steel H2O Drainage Floor, Vault Or Sidewalk Door	9,462.64	282.57
08 34 23 00-0055	EA	5' x 5' Double Leaf Steel H2O Drainage Floor, Vault Or Sidewalk Door	9,218.67	282.57
08 34 23 00-0056		**Single Leaf Aluminum Drainage Door** *(08 34 23 00-0001)*		
		Note: Bilco - J-R Series (Odor Resistant).		
08 34 23 00-0057	EA	2' x 2' Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door, Odor Resistant	3,169.12	211.90
08 34 23 00-0058	EA	2'-6" x 2'-6" Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door, Odor Resistant	3,810.45	221.42
08 34 23 00-0059	EA	3' x 2'-6" Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door, Odor Resistant	4,055.56	226.17
08 34 23 00-0060	EA	3' x 3' Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door, Odor Resistant	4,305.29	230.93
08 34 23 00-0061	EA	3'-6" x 3'-6" Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door, Odor Resistant	4,899.82	242.83
08 34 23 00-0062		**Non-Drainage Doors** *(08 34 23)*		
08 34 23 00-0063		**Single Leaf Aluminum Non-Drainage Doors** *(08 34 23 00-0062)*		
		Note: Bilco - Q Series.		
08 34 23 00-0064	EA	2' x 2' Single Leaf Aluminum Non-Drainage Floor, Vault Or Sidewalk Door	1,204.47	211.90
08 34 23 00-0065	EA	2' 6" x 2' 6" Single Leaf Aluminum Non-Drainage Floor, Vault Or Sidewalk Door	1,454.07	221.42
08 34 23 00-0066	EA	3' x 2' 6" Single Leaf Aluminum Non-Drainage Floor, Vault Or Sidewalk Door	1,555.42	226.17
08 34 23 00-0067	EA	3' x 3' Single Leaf Aluminum Non-Drainage Floor, Vault Or Sidewalk Door	1,617.46	230.93
08 34 23 00-0068	EA	3'-6" x 3'-6" Single Leaf Aluminum Non-Drainage Floor, Vault Or Sidewalk Door	2,027.59	242.83
08 34 23 00-0069	EA	2'-6" x 4' Single Leaf Aluminum Non-Drainage Floor, Vault Or Sidewalk Door	1,831.00	237.24
08 34 23 00-0070	EA	3' x 4' Single Leaf Aluminum Non-Drainage Floor, Vault Or Sidewalk Door	2,043.29	242.83
08 34 23 00-0071	EA	2'-6" x 5' Single Leaf Aluminum Non-Drainage Floor, Vault Or Sidewalk Door	2,286.90	248.43
08 34 23 00-0072	EA	3' x 5' Single Leaf Aluminum Non-Drainage Floor, Vault Or Sidewalk Door	2,421.03	254.01
08 34 23 00-0073	EA	3' x 6' Single Leaf Aluminum Non-Drainage Floor, Vault Or Sidewalk Door	2,748.70	268.29
08 34 23 00-0074		**Single Leaf Aluminum Non-Drainage Doors** *(08 34 23 00-0062)*		
		Note: Bilco - K Series.		
08 34 23 00-0075	EA	2' x 2' Single Leaf Aluminum Non-Drainage Floor, Vault Or Sidewalk Door	992.61	211.90
08 34 23 00-0076	EA	2'-6" x 2'-6" Single Leaf Aluminum Non-Drainage Floor, Vault Or Sidewalk Door	1,187.28	221.42
08 34 23 00-0077	EA	3' x 2'-6" Single Leaf Aluminum Non-Drainage Floor, Vault Or Sidewalk Door	1,312.17	226.17
08 34 23 00-0078	EA	3' x 3' Single Leaf Aluminum Non-Drainage Floor, Vault Or Sidewalk Door	1,397.75	230.93
08 34 23 00-0079	EA	3'-6" x 3'-6" Single Leaf Aluminum Non-Drainage Floor, Vault Or Sidewalk Door	1,619.56	242.83
08 34 23 00-0080		**Double Leaf Aluminum Non-Drainage Doors** *(08 34 23 00-0062)*		
		Note: Bilco - QD Series.		
08 34 23 00-0081	EA	4' x 2'-6" Double Leaf Aluminum Non-Drainage Floor, Vault Or Sidewalk Door	2,317.50	237.24

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 34 23 00-0082		**Double Leaf Aluminum Non-Drainage Doors** *(08 34 23 00-0062)*		
		Note: Bilco - KD Series.		
08 34 23 00-0083	EA	4' x 4' Double Leaf Aluminum Non-Drainage Floor, Vault Or Sidewalk Door	2,224.86	254.01
08 34 23 00-0084	EA	4' x 6' Double Leaf Aluminum Non-Drainage Floor, Vault Or Sidewalk Door	3,115.18	282.57
08 34 23 00-0085	EA	5' x 5' Double Leaf Aluminum Non-Drainage Floor, Vault Or Sidewalk Door	3,177.95	282.57
08 34 23 00-0086		**Single Leaf Aluminum Non-Drainage Doors** *(08 34 23 00-0062)*		
		Note: Bilco - T Series.		
08 34 23 00-0087	EA	2' x 2' Single Leaf Aluminum Non-Drainage Door, Floor Installation For Covering	1,086.77	211.90
08 34 23 00-0088	EA	2'-6" x 2'-6" Single Leaf Aluminum Non-Drainage Door, Floor Installation For Covering	1,265.75	221.42
08 34 23 00-0089	EA	3' x 2'-6" Single Leaf Aluminum Non-Drainage Door, Floor Installation For Covering	1,351.40	226.17
08 34 23 00-0090	EA	3' x 3' Single Leaf Aluminum Non-Drainage Door, Floor Installation For Covering	1,476.22	230.93
08 34 23 00-0091	EA	3'-6" x 3'-6" Single Leaf Aluminum Non-Drainage Door, Floor Installation For Covering	1,721.57	242.83
08 34 23 00-0092		**Double Leaf Aluminum Non-Drainage Doors** *(08 34 23 00-0062)*		
		Note: Bilco - TD Series.		
08 34 23 00-0093	EA	4' x 4' Double Leaf Aluminum Non-Drainage Door, Floor Installation For Covering	2,358.26	254.01
08 34 23 00-0094	EA	4' x 6' Double Leaf Aluminum Non-Drainage Door, Floor Installation For Covering	3,279.96	282.57
08 34 23 00-0095	EA	5' x 5' Double Leaf Aluminum Non-Drainage Door, Floor Installation For Covering	3,327.04	282.57
08 34 23 00-0096		**Single Leaf Steel Non-Drainage Doors** *(08 34 23 00-0062)*		
		Note: Bilco - Q Series.		
08 34 23 00-0097	EA	2' x 2' Single Leaf Steel Non-Drainage Floor, Vault Or Sidewalk Door	1,330.25	211.90
08 34 23 00-0098	EA	2'-6" x 2'-6" Single Leaf Steel Non-Drainage Floor, Vault Or Sidewalk Door	1,490.82	221.42
08 34 23 00-0099	EA	3' x 2'-6" Single Leaf Steel Non-Drainage Floor, Vault Or Sidewalk Door	1,680.99	226.17
08 34 23 00-0100	EA	3' x 3' Single Leaf Steel Non-Drainage Floor, Vault Or Sidewalk Door	1,785.69	230.93
08 34 23 00-0101		**Double Leaf Steel Non-Drainage Doors** *(08 34 23 00-0062)*		
		Note: Bilco - QD Series.		
08 34 23 00-0102	EA	4' x 2'-6" Double Leaf Aluminum Non-Drainage Floor, Vault Or Sidewalk Door	2,722.25	237.24
08 34 23 00-0103		**Basement Doors** *(08 34 23)*		
		Note: 12 gauge primed steel, center opening, includes assembly and installation hardware.		
08 34 23 00-0104	EA	45-1/4" Wide x 65-1/4" Long, Sloped Wall Basement Door, Factory Primed Metal	1,800.53	267.70
08 34 23 00-0105	EA	30" High x 47" Wide x 58" Long, Basement Door	1,515.76	202.86
08 34 23 00-0106	EA	22" High x 51" Wide x 64" Long, Basement Door	1,573.32	223.08
08 34 23 00-0107	EA	19-1/2" High x 55" Wide x 72" Long, Basement Door	1,681.17	237.96
08 34 23 00-0108	EA	52" High x 51" Wide x 43-1/4" Long, Basement Door	1,860.18	267.70
08 34 53		**Security Doors and Frames** *(08 34)*		
08 34 53 00-0001		**Metal Security Doors, Bullet Resistant** *(08 34 53)*		
		Note: Includes door, frame, hardware hinges, lockset and cylinder, all UL 753 Listed.		
08 34 53 00-0002	SF	Metal Security Door	82.18	10.94
08 34 53 00-0003	EA	Up To 3' x 7' (.38 caliber) Medium-Small Arms Metal Security Door	3,347.73	546.27
08 34 53 00-0004	EA	Up To 3' x 7' (.44 caliber) Super-Small Arms Metal Security Door	3,955.05	579.89
08 34 53 00-0005		**Metal Security Doors** *(08 34 53)*		
		Note: Includes standard pitcher handle latch, pneumatic closure, hinges and baked enamel finish.		
08 34 53 00-0006	EA	Up To 3' x 7' Steel Narrowline Security Door (Kane Screens S-501-28-O)	1,175.95	100.05
		Note: Top and bottom section are #12 mesh 0.028" stainless steel wire cloth with a bottom kick plate.		
08 34 53 00-0007	EA	Up To 3' x 7' Steel Narrowline Security Door (Kane Screens S-503-28-O)	1,175.95	100.05
		Note: Top section is #12 mesh 0.028" stainless steel wire cloth and bottom section is a double kick panel.		
08 34 53 00-0008	EA	Up To 3' x 7' Steel Narrowline Security Door (Kane Screens S-504-28-O)	1,663.88	100.05
		Note: Top section includes 1/8" tempered sash unit and #12 mesh 0.028" stainless steel wire cloth. Bottom section is a double kick panel.		
08 34 73		**Sound Control Door Assemblies** *(08 34)*		
08 34 73 13		**Metal Sound Control Door Assemblies** *(08 34 73)*		
08 34 73 13-0001		**Steel Acoustical Door Assembly** *(08 34 73 13)*		
		Note: Includes seal.		
08 34 73 13-0002		**Steel Acoustical Doors** *(08 34 73 13-0001)*		
		Note: Includes hardware: cam lift hinges and seals. Excludes frame, hardware: locksets, closer, electromagnetic release, etc.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 34 73 13-0003	EA	3' x 7', 16 Gauge, STC 50, Steel Acoustical Door (Unrated)	4,657.42	214.16
		Note: Excludes steel acoustical doorframe See CSI section 08 34 73 13-0013 for steel acoustical door frames.		
		For Accent Window Vision Lite, Add	*1,685.16*	
		For Half Window Vision Lite, Add	*1,744.23*	
		For Full Window Vision Lite, Add	*1,803.30*	
		For 8' Height, Add	*572.13*	
		For 45 Minutes Fire Rated, Add	*240.90*	
		For 60 Minutes Fire Rated, Add	*361.34*	
		For 90 Minutes Fire Rated, Add	*602.24*	
		For 120 Minutes Fire Rated, Add	*843.14*	
		For 45 STC Rating, Deduct	*-1,007.75*	
		For 48 STC Rating, Deduct	*-722.69*	
		For 52 STC Rating, Add	*562.09*	
		For 55 STC Rating, Add	*1,525.68*	
08 34 73 13-0004	EA	3'-6" x 7', 16 Gauge, STC 50, Steel Acoustical Door (Unrated)	4,926.70	223.08
		Note: Excludes steel acoustical doorframe See CSI section 08 34 73 13-0013 for steel acoustical door frames.		
		For Accent Window Vision Lite, Add	*1,685.16*	
		For Half Window Vision Lite, Add	*1,744.23*	
		For Full Window Vision Lite, Add	*1,803.30*	
		For 8' Height, Add	*606.69*	
		For 45 Minutes Fire Rated, Add	*255.45*	
		For 60 Minutes Fire Rated, Add	*383.17*	
		For 90 Minutes Fire Rated, Add	*638.62*	
		For 120 Minutes Fire Rated, Add	*894.07*	
		For 45 STC Rating, Deduct	*-1,068.62*	
		For 48 STC Rating, Deduct	*-766.34*	
		For 52 STC Rating, Add	*596.04*	
		For 55 STC Rating, Add	*1,617.83*	
08 34 73 13-0005	EA	4' x 7', 16 Gauge, STC 50, Steel Acoustical Door (Unrated)	5,222.76	240.93
		Note: Excludes steel acoustical doorframe See CSI section 08 34 73 13-0013 for steel acoustical door frames.		
		For Accent Window Vision Lite, Add	*1,685.16*	
		For Half Window Vision Lite, Add	*1,744.23*	
		For Full Window Vision Lite, Add	*1,803.30*	
		For 8' Height, Add	*641.25*	
		For 45 Minutes Fire Rated, Add	*270.00*	
		For 60 Minutes Fire Rated, Add	*405.00*	
		For 90 Minutes Fire Rated, Add	*675.00*	
		For 120 Minutes Fire Rated, Add	*944.99*	
		For 45 STC Rating, Deduct	*-1,129.49*	
		For 48 STC Rating, Deduct	*-809.99*	
		For 52 STC Rating, Add	*630.00*	
		For 55 STC Rating, Add	*1,709.99*	
08 34 73 13-0006	PR	Pair 3' x 7', 16 Gauge, STC 50, Steel Acoustical Doors (Unrated)	9,250.59	406.90
		Note: Excludes steel acoustical doorframe See CSI section 08 34 73 13-0013 for steel acoustical door frames.		
		For Pair Accent Window Vision Lites, Add	*3,370.31*	
		For Pair Half Window Vision Lites, Add	*3,488.46*	
		For Pair Full Window Vision Lites, Add	*3,606.61*	
		For 8' Height, Add	*1,144.26*	
		For 45 Minutes Fire Rated, Add	*481.79*	
		For 60 Minutes Fire Rated, Add	*722.69*	
		For 90 Minutes Fire Rated, Add	*1,204.48*	
		For 120 Minutes Fire Rated, Add	*1,686.27*	
		For 45 STC Rating, Deduct	*-2,015.50*	
		For 48 STC Rating, Deduct	*-1,445.38*	
		For 52 STC Rating, Add	*1,124.18*	
		For 55 STC Rating, Add	*3,051.35*	
08 34 73 13-0007	PR	Pair 3'-6" x 7', 16 Gauge, STC 50, Steel Acoustical Door (Unrated)	9,746.33	410.47
		Note: Excludes steel acoustical doorframe See CSI section 08 34 73 13-0013 for steel acoustical door frames.		
		For Pair Accent Window Vision Lites, Add	*3,370.31*	
		For Pair Half Window Vision Lites, Add	*3,488.46*	
		For Pair Full Window Vision Lites, Add	*3,606.61*	
		For 8' Height, Add	*1,213.37*	
		For 45 Minutes Fire Rated, Add	*510.89*	
		For 60 Minutes Fire Rated, Add	*766.34*	
		For 90 Minutes Fire Rated, Add	*1,277.24*	
		For 120 Minutes Fire Rated, Add	*1,788.13*	
		For 45 STC Rating, Deduct	*-2,137.24*	
		For 48 STC Rating, Deduct	*-1,532.68*	
		For 52 STC Rating, Add	*1,192.09*	
		For 55 STC Rating, Add	*3,235.67*	
08 34 73 13-0008	EA	3' x 7', 14 Gauge, STC 50, Steel Acoustical Door (Unrated)	5,231.56	134.45
		Note: Excludes steel acoustical doorframe See CSI section 08 34 73 13-0013 for steel acoustical door frames.		
		For Accent Window Vision Lite, Add	*1,685.16*	
		For Half Window Vision Lite, Add	*1,744.23*	
		For Full Window Vision Lite, Add	*1,803.30*	
		For 8' Height, Add	*649.37*	
		For 45 Minutes Fire Rated, Add	*273.42*	
		For 60 Minutes Fire Rated, Add	*410.13*	
		For 90 Minutes Fire Rated, Add	*683.54*	
		For 120 Minutes Fire Rated, Add	*956.96*	
		For 45 STC Rating, Deduct	*-1,143.80*	
		For 48 STC Rating, Deduct	*-820.25*	
		For 52 STC Rating, Add	*637.97*	
		For 55 STC Rating, Add	*1,731.64*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 34 73 13-0009	EA	3'-6" x 7', 14 Gauge, STC 50, Steel Acoustical Door (Unrated)	5,534.18	234.38
		Note: Excludes steel acoustical doorframe See CSI section 08 34 73 13-0013 for steel acoustical door frames.		
		For Accent Window Vision Lite, Add	*1,685.16*	
		For Half Window Vision Lite, Add	*1,744.23*	
		For Full Window Vision Lite, Add	*1,803.30*	
		For 8' Height, Add	*688.59*	
		For 45 Minutes Fire Rated, Add	*289.93*	
		For 60 Minutes Fire Rated, Add	*434.90*	
		For 90 Minutes Fire Rated, Add	*724.83*	
		For 120 Minutes Fire Rated, Add	*1,014.76*	
		For 45 STC Rating, Deduct	*-1,212.88*	
		For 48 STC Rating, Deduct	*-869.80*	
		For 52 STC Rating, Add	*676.51*	
		For 55 STC Rating, Add	*1,836.24*	
08 34 73 13-0010	EA	4' x 7', 14 Gauge, STC 50, Steel Acoustical Door (Unrated)	5,866.54	253.42
		Note: Excludes steel acoustical doorframe See CSI section 08 34 73 13-0013 for steel acoustical door frames.		
		For Accent Window Vision Lite, Add	*1,685.16*	
		For Half Window Vision Lite, Add	*1,744.23*	
		For Full Window Vision Lite, Add	*1,803.30*	
		For 8' Height, Add	*727.81*	
		For 45 Minutes Fire Rated, Add	*306.45*	
		For 60 Minutes Fire Rated, Add	*459.67*	
		For 90 Minutes Fire Rated, Add	*766.12*	
		For 120 Minutes Fire Rated, Add	*1,072.57*	
		For 45 STC Rating, Deduct	*-1,281.97*	
		For 48 STC Rating, Deduct	*-919.34*	
		For 52 STC Rating, Add	*715.04*	
		For 55 STC Rating, Add	*1,940.83*	
08 34 73 13-0011	PR	Pair 3' x 7', 14 Gauge, STC 50, Steel Acoustical Doors (Unrated)	9,853.28	427.13
		Note: Excludes steel acoustical doorframe See CSI section 08 34 73 13-0013 for steel acoustical door frames.		
		For Pair Accent Window Vision Lites, Add	*3,370.31*	
		For Pair Half Window Vision Lites, Add	*3,488.46*	
		For Pair Full Window Vision Lites, Add	*3,606.61*	
		For 8' Height, Add	*1,221.50*	
		For 45 Minutes Fire Rated, Add	*514.31*	
		For 60 Minutes Fire Rated, Add	*771.47*	
		For 90 Minutes Fire Rated, Add	*1,285.79*	
		For 120 Minutes Fire Rated, Add	*1,800.10*	
		For 45 STC Rating, Deduct	*-2,151.55*	
		For 48 STC Rating, Deduct	*-1,542.94*	
		For 52 STC Rating, Add	*1,200.07*	
		For 55 STC Rating, Add	*3,257.32*	
08 34 73 13-0012	PR	Pair 3'-6" x 7', 14 Gauge, STC 50, Steel Acoustical Door (Unrated)	10,382.96	430.69
		Note: Excludes steel acoustical doorframe See CSI section 08 34 73 13-0013 for steel acoustical door frames.		
		For Pair Accent Window Vision Lites, Add	*3,370.31*	
		For Pair Half Window Vision Lites, Add	*3,488.46*	
		For Pair Full Window Vision Lites, Add	*3,606.61*	
		For 8' Height, Add	*1,295.28*	
		For 45 Minutes Fire Rated, Add	*545.38*	
		For 60 Minutes Fire Rated, Add	*818.07*	
		For 90 Minutes Fire Rated, Add	*1,363.45*	
		For 120 Minutes Fire Rated, Add	*1,908.83*	
		For 45 STC Rating, Deduct	*-2,281.51*	
		For 48 STC Rating, Deduct	*-1,636.14*	
		For 52 STC Rating, Add	*1,272.55*	
		For 55 STC Rating, Add	*3,454.07*	

08 34 73 13-0013 Steel Acoustical Door Frames *(08 34 73 13-0001)*

Note: Includes threshold and rating up to STC 55.

08 34 73 13-0014	EA	3' x 7', 4-1/2" To 6-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame	3,307.72	118.98
		For 8' Height, Add	*325.66*	
		For 45 Minutes Fire Rated, Add	*198.23*	
		For 60 Minutes Fire Rated, Add	*339.82*	
		For 90 Minutes Fire Rated, Add	*481.41*	
		For 120 Minutes Fire Rated, Add	*679.63*	
08 34 73 13-0015	EA	3' x 7', 6-1/2" To 8-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame	3,387.93	118.98
		For 8' Height, Add	*334.88*	
		For 45 Minutes Fire Rated, Add	*203.84*	
		For 60 Minutes Fire Rated, Add	*349.44*	
		For 90 Minutes Fire Rated, Add	*495.04*	
		For 120 Minutes Fire Rated, Add	*698.88*	
08 34 73 13-0016	EA	3' x 7', 8-1/2" To 10-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame	3,468.15	118.98
		For 8' Height, Add	*344.11*	
		For 45 Minutes Fire Rated, Add	*209.46*	
		For 60 Minutes Fire Rated, Add	*359.07*	
		For 90 Minutes Fire Rated, Add	*508.68*	
		For 120 Minutes Fire Rated, Add	*718.14*	
08 34 73 13-0017	EA	3' x 7', 10-1/2" To 12-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame	3,548.37	118.98
		For 8' Height, Add	*353.33*	
		For 45 Minutes Fire Rated, Add	*215.07*	
		For 60 Minutes Fire Rated, Add	*368.70*	
		For 90 Minutes Fire Rated, Add	*522.32*	
		For 120 Minutes Fire Rated, Add	*737.39*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 34 73 13-0018	EA	3'-6" x 7', 4-1/2" To 6-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame	3,773.18	130.88
		For 8' Height, Add	*373.71*	
		For 45 Minutes Fire Rated, Add	*227.48*	
		For 60 Minutes Fire Rated, Add	*389.96*	
		For 90 Minutes Fire Rated, Add	*552.45*	
		For 120 Minutes Fire Rated, Add	*779.92*	
08 34 73 13-0019	EA	3'-6" x 7', 6-1/2" To 8-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame	3,862.72	130.88
		For 8' Height, Add	*384.01*	
		For 45 Minutes Fire Rated, Add	*233.75*	
		For 60 Minutes Fire Rated, Add	*400.71*	
		For 90 Minutes Fire Rated, Add	*567.67*	
		For 120 Minutes Fire Rated, Add	*801.41*	
08 34 73 13-0020	EA	3'-6" x 7', 8-1/2" To 10-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame	3,942.94	130.88
		For 8' Height, Add	*393.24*	
		For 45 Minutes Fire Rated, Add	*239.36*	
		For 60 Minutes Fire Rated, Add	*410.33*	
		For 90 Minutes Fire Rated, Add	*581.30*	
		For 120 Minutes Fire Rated, Add	*820.67*	
08 34 73 13-0021	EA	3'-6" x 7', 10-1/2" To 12-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame	4,042.43	130.88
		For 8' Height, Add	*404.68*	
		For 45 Minutes Fire Rated, Add	*246.33*	
		For 60 Minutes Fire Rated, Add	*422.27*	
		For 90 Minutes Fire Rated, Add	*598.22*	
		For 120 Minutes Fire Rated, Add	*844.54*	
08 34 73 13-0022	EA	4' x 7', 4-1/2" To 6-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame	4,235.37	136.82
		For 8' Height, Add	*424.13*	
		For 45 Minutes Fire Rated, Add	*258.16*	
		For 60 Minutes Fire Rated, Add	*442.57*	
		For 90 Minutes Fire Rated, Add	*626.97*	
		For 120 Minutes Fire Rated, Add	*885.14*	
08 34 73 13-0023	EA	4' x 7', 6-1/2" To 8-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame	4,315.58	136.82
		For 8' Height, Add	*433.35*	
		For 45 Minutes Fire Rated, Add	*263.78*	
		For 60 Minutes Fire Rated, Add	*452.19*	
		For 90 Minutes Fire Rated, Add	*640.61*	
		For 120 Minutes Fire Rated, Add	*904.39*	
08 34 73 13-0024	EA	4' x 7', 8-1/2" To 10-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame	4,395.80	136.82
		For 8' Height, Add	*442.58*	
		For 45 Minutes Fire Rated, Add	*269.40*	
		For 60 Minutes Fire Rated, Add	*461.82*	
		For 90 Minutes Fire Rated, Add	*654.25*	
		For 120 Minutes Fire Rated, Add	*923.64*	
08 34 73 13-0025	EA	4' x 7', 10-1/2" To 12-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame	4,485.34	136.82
		For 8' Height, Add	*452.87*	
		For 45 Minutes Fire Rated, Add	*275.66*	
		For 60 Minutes Fire Rated, Add	*472.56*	
		For 90 Minutes Fire Rated, Add	*669.47*	
		For 120 Minutes Fire Rated, Add	*945.13*	
08 34 73 13-0026	EA	6' x 7', 4-1/2" To 6-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion	7,330.70	154.67
		For 8' Height, Add	*771.88*	
		For 45 Minutes Fire Rated, Add	*469.84*	
		For 60 Minutes Fire Rated, Add	*805.44*	
		For 90 Minutes Fire Rated, Add	*1,141.04*	
		For 120 Minutes Fire Rated, Add	*1,610.88*	
08 34 73 13-0027	EA	6' x 7', 6-1/2" To 8-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion	7,407.19	154.67
		For 8' Height, Add	*780.68*	
		For 45 Minutes Fire Rated, Add	*475.20*	
		For 60 Minutes Fire Rated, Add	*814.62*	
		For 90 Minutes Fire Rated, Add	*1,154.05*	
		For 120 Minutes Fire Rated, Add	*1,629.24*	
08 34 73 13-0028	EA	6' x 7', 8-1/2" To 10-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion	7,489.27	154.67
		For 8' Height, Add	*790.12*	
		For 45 Minutes Fire Rated, Add	*480.94*	
		For 60 Minutes Fire Rated, Add	*824.47*	
		For 90 Minutes Fire Rated, Add	*1,168.00*	
		For 120 Minutes Fire Rated, Add	*1,648.94*	
08 34 73 13-0029	EA	6' x 7', 10-1/2" To 12-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion	7,573.21	154.67
		For 8' Height, Add	*799.77*	
		For 45 Minutes Fire Rated, Add	*486.82*	
		For 60 Minutes Fire Rated, Add	*834.54*	
		For 90 Minutes Fire Rated, Add	*1,182.27*	
		For 120 Minutes Fire Rated, Add	*1,669.09*	
08 34 73 13-0030	EA	7' x 7', 4-1/2" To 6-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion	7,857.90	160.62
		For 8' Height, Add	*829.77*	
		For 45 Minutes Fire Rated, Add	*505.08*	
		For 60 Minutes Fire Rated, Add	*865.85*	
		For 90 Minutes Fire Rated, Add	*1,226.62*	
		For 120 Minutes Fire Rated, Add	*1,731.70*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 34 73 13-0031	EA	7' x 7', 6-1/2" To 8-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion	7,940.12	160.62
		For 8' Height, Add	*839.23*	
		For 45 Minutes Fire Rated, Add	*510.83*	
		For 60 Minutes Fire Rated, Add	*875.72*	
		For 90 Minutes Fire Rated, Add	*1,240.60*	
		For 120 Minutes Fire Rated, Add	*1,751.43*	
08 34 73 13-0032	EA	7' x 7', 8-1/2" To 10-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion	8,028.36	160.62
		For 8' Height, Add	*849.38*	
		For 45 Minutes Fire Rated, Add	*517.01*	
		For 60 Minutes Fire Rated, Add	*886.31*	
		For 90 Minutes Fire Rated, Add	*1,255.60*	
		For 120 Minutes Fire Rated, Add	*1,772.61*	
08 34 73 13-0033	EA	7' x 7', 10-1/2" To 12-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion	8,118.60	160.62
		For 8' Height, Add	*859.75*	
		For 45 Minutes Fire Rated, Add	*523.33*	
		For 60 Minutes Fire Rated, Add	*897.13*	
		For 90 Minutes Fire Rated, Add	*1,270.94*	
		For 120 Minutes Fire Rated, Add	*1,794.27*	
08 34 73 13-0034	EA	3' x 7', 4-1/2" To 6-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame	3,622.36	118.98
		For 8' Height, Add	*361.84*	
		For 45 Minutes Fire Rated, Add	*220.25*	
		For 60 Minutes Fire Rated, Add	*377.57*	
		For 90 Minutes Fire Rated, Add	*534.90*	
		For 120 Minutes Fire Rated, Add	*755.15*	
08 34 73 13-0035	EA	3' x 7', 6-1/2" To 8-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame	3,711.49	118.98
		For 8' Height, Add	*372.09*	
		For 45 Minutes Fire Rated, Add	*226.49*	
		For 60 Minutes Fire Rated, Add	*388.27*	
		For 90 Minutes Fire Rated, Add	*550.05*	
		For 120 Minutes Fire Rated, Add	*776.54*	
08 34 73 13-0036	EA	3' x 7', 8-1/2" To 10-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame	3,800.62	118.98
		For 8' Height, Add	*382.34*	
		For 45 Minutes Fire Rated, Add	*232.73*	
		For 60 Minutes Fire Rated, Add	*398.97*	
		For 90 Minutes Fire Rated, Add	*565.20*	
		For 120 Minutes Fire Rated, Add	*797.93*	
08 34 73 13-0037	EA	3' x 7', 10-1/2" To 12-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame	3,889.75	118.98
		For 8' Height, Add	*392.59*	
		For 45 Minutes Fire Rated, Add	*238.97*	
		For 60 Minutes Fire Rated, Add	*409.66*	
		For 90 Minutes Fire Rated, Add	*580.35*	
		For 120 Minutes Fire Rated, Add	*819.32*	
08 34 73 13-0038	EA	3'-6" x 7', 4-1/2" To 6-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame	4,134.25	130.88
		For 8' Height, Add	*415.24*	
		For 45 Minutes Fire Rated, Add	*252.75*	
		For 60 Minutes Fire Rated, Add	*433.29*	
		For 90 Minutes Fire Rated, Add	*613.83*	
		For 120 Minutes Fire Rated, Add	*866.58*	
08 34 73 13-0039	EA	3'-6" x 7', 6-1/2" To 8-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame	4,233.75	130.88
		For 8' Height, Add	*426.68*	
		For 45 Minutes Fire Rated, Add	*259.72*	
		For 60 Minutes Fire Rated, Add	*445.23*	
		For 90 Minutes Fire Rated, Add	*630.74*	
		For 120 Minutes Fire Rated, Add	*890.46*	
08 34 73 13-0040	EA	3'-6" x 7', 8-1/2" To 10-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame	4,322.87	130.88
		For 8' Height, Add	*436.93*	
		For 45 Minutes Fire Rated, Add	*265.96*	
		For 60 Minutes Fire Rated, Add	*455.92*	
		For 90 Minutes Fire Rated, Add	*645.89*	
		For 120 Minutes Fire Rated, Add	*911.85*	
08 34 73 13-0041	EA	3'-6" x 7', 10-1/2" To 12-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame	4,433.42	130.88
		For 8' Height, Add	*449.64*	
		For 45 Minutes Fire Rated, Add	*273.69*	
		For 60 Minutes Fire Rated, Add	*469.19*	
		For 90 Minutes Fire Rated, Add	*664.69*	
		For 120 Minutes Fire Rated, Add	*938.38*	
08 34 73 13-0042	EA	4' x 7', 4-1/2" To 6-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame	4,645.15	136.82
		For 8' Height, Add	*471.25*	
		For 45 Minutes Fire Rated, Add	*286.85*	
		For 60 Minutes Fire Rated, Add	*491.74*	
		For 90 Minutes Fire Rated, Add	*696.63*	
		For 120 Minutes Fire Rated, Add	*983.48*	
08 34 73 13-0043	EA	4' x 7', 6-1/2" To 8-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame	4,734.28	136.82
		For 8' Height, Add	*481.50*	
		For 45 Minutes Fire Rated, Add	*293.09*	
		For 60 Minutes Fire Rated, Add	*502.44*	
		For 90 Minutes Fire Rated, Add	*711.79*	
		For 120 Minutes Fire Rated, Add	*1,004.88*	
08 34 73 13-0044	EA	4' x 7', 8-1/2" To 10-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame	4,823.41	136.82
		For 8' Height, Add	*491.75*	
		For 45 Minutes Fire Rated, Add	*299.33*	
		For 60 Minutes Fire Rated, Add	*513.13*	
		For 90 Minutes Fire Rated, Add	*726.94*	
		For 120 Minutes Fire Rated, Add	*1,026.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 34 73 13-0045	EA	4' x 7', 10-1/2" To 12-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame	4,922.90	136.82
		For 8' Height, Add	*503.19*	
		For 45 Minutes Fire Rated, Add	*306.29*	
		For 60 Minutes Fire Rated, Add	*525.07*	
		For 90 Minutes Fire Rated, Add	*743.85*	
		For 120 Minutes Fire Rated, Add	*1,050.14*	
08 34 73 13-0046	EA	6' x 7', 4-1/2" To 6-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion	8,076.48	154.67
		For 8' Height, Add	*857.65*	
		For 45 Minutes Fire Rated, Add	*522.05*	
		For 60 Minutes Fire Rated, Add	*894.94*	
		For 90 Minutes Fire Rated, Add	*1,267.83*	
		For 120 Minutes Fire Rated, Add	*1,789.87*	
08 34 73 13-0047	EA	6' x 7', 6-1/2" To 8-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion	8,161.46	154.67
		For 8' Height, Add	*867.42*	
		For 45 Minutes Fire Rated, Add	*527.99*	
		For 60 Minutes Fire Rated, Add	*905.13*	
		For 90 Minutes Fire Rated, Add	*1,282.27*	
		For 120 Minutes Fire Rated, Add	*1,810.27*	
08 34 73 13-0048	EA	6' x 7', 8-1/2" To 10-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion	8,252.67	154.67
		For 8' Height, Add	*877.91*	
		For 45 Minutes Fire Rated, Add	*534.38*	
		For 60 Minutes Fire Rated, Add	*916.08*	
		For 90 Minutes Fire Rated, Add	*1,297.78*	
		For 120 Minutes Fire Rated, Add	*1,832.16*	
08 34 73 13-0049	EA	6' x 7', 10-1/2" To 12-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion	8,345.94	154.67
		For 8' Height, Add	*888.63*	
		For 45 Minutes Fire Rated, Add	*540.91*	
		For 60 Minutes Fire Rated, Add	*927.27*	
		For 90 Minutes Fire Rated, Add	*1,313.63*	
		For 120 Minutes Fire Rated, Add	*1,854.54*	
08 34 73 13-0050	EA	7' x 7', 4-1/2" To 6-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion	8,659.62	160.62
		For 8' Height, Add	*921.97*	
		For 45 Minutes Fire Rated, Add	*561.20*	
		For 60 Minutes Fire Rated, Add	*962.06*	
		For 90 Minutes Fire Rated, Add	*1,362.91*	
		For 120 Minutes Fire Rated, Add	*1,924.11*	
08 34 73 13-0051	EA	7' x 7', 6-1/2" To 8-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion	8,750.97	160.62
		For 8' Height, Add	*932.48*	
		For 45 Minutes Fire Rated, Add	*567.59*	
		For 60 Minutes Fire Rated, Add	*973.02*	
		For 90 Minutes Fire Rated, Add	*1,378.44*	
		For 120 Minutes Fire Rated, Add	*1,946.04*	
08 34 73 13-0052	EA	7' x 7', 8-1/2" To 10-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion	8,849.02	160.62
		For 8' Height, Add	*943.75*	
		For 45 Minutes Fire Rated, Add	*574.46*	
		For 60 Minutes Fire Rated, Add	*984.78*	
		For 90 Minutes Fire Rated, Add	*1,395.11*	
		For 120 Minutes Fire Rated, Add	*1,969.57*	
08 34 73 13-0053	EA	7' x 7', 10-1/2" To 12-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion	8,949.28	160.62
		For 8' Height, Add	*955.28*	
		For 45 Minutes Fire Rated, Add	*581.48*	
		For 60 Minutes Fire Rated, Add	*996.82*	
		For 90 Minutes Fire Rated, Add	*1,412.16*	
		For 120 Minutes Fire Rated, Add	*1,993.63*	

08 34 73 16 Wood Sound Control Door Assemblies *(08 34 73)*

08 34 73 16-0001 Wood Acoustical Door Assembly *(08 34 73 16)*

Note: Includes prefinished wood door, frame, hinges and seals. Excludes hardware: locksets, closer, electromagnetic release, etc.

08 34 73 16-0002	EA	3' x 7' x 1-3/4" Thick, STC 27, Wood Acoustical Door System (Unrated) Note: Includes the prefinished door, frame, hinges and seals.	2,566.62	333.13
		For 20 Minutes Fire Rated, Add	*50.00*	
		For 45 Minutes Fire Rated, Add	*80.00*	
		For 60 Minutes Fire Rated, Add	*115.00*	
		For 90 Minutes Fire Rated, Add	*145.00*	
08 34 73 16-0003	EA	3' x 7' x 1-3/4" Thick, STC 29, Wood Acoustical Door System (Unrated) Note: Includes the prefinished door, frame, hinges and seals.	2,763.21	333.13
		For 20 Minutes Fire Rated, Add	*50.00*	
		For 45 Minutes Fire Rated, Add	*80.00*	
		For 60 Minutes Fire Rated, Add	*115.00*	
		For 90 Minutes Fire Rated, Add	*145.00*	
08 34 73 16-0004	EA	3' x 7' x 1-3/4" Thick, STC 30, Wood Acoustical Door System (Unrated) Note: Includes the prefinished door, frame, hinges and seals.	2,872.42	333.13
		For 20 Minutes Fire Rated, Add	*50.00*	
		For 45 Minutes Fire Rated, Add	*80.00*	
		For 60 Minutes Fire Rated, Add	*115.00*	
		For 90 Minutes Fire Rated, Add	*145.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 34 73 16-0005	EA	3' x 7' x 1-3/4" Thick, STC 31, Wood Acoustical Door System (Unrated)	2,981.64	333.13
		Note: Includes the prefinished door, frame, hinges and seals.		
		For 20 Minutes Fire Rated, Add	*50.00*	
		For 45 Minutes Fire Rated, Add	*80.00*	
		For 60 Minutes Fire Rated, Add	*115.00*	
		For 90 Minutes Fire Rated, Add	*145.00*	
08 34 73 16-0006	EA	3' x 7' x 1-3/4" Thick, STC 36, Wood Acoustical Door System (Unrated)	3,462.18	333.13
		Note: Includes the prefinished door, frame, hinges and seals.		
		For 20 Minutes Fire Rated, Add	*50.00*	
		For 45 Minutes Fire Rated, Add	*80.00*	
		For 60 Minutes Fire Rated, Add	*115.00*	
		For 90 Minutes Fire Rated, Add	*145.00*	
08 34 73 16-0007	EA	3' x 7' x 1-3/4" Thick, STC 40, Wood Acoustical Door System (Unrated)	4,510.65	333.13
		Note: Includes the prefinished door, frame, hinges and seals.		
08 34 73 16-0008	EA	3' x 7' x 1-3/4" Thick, STC 42, Wood Acoustical Door System (Unrated)	4,713.79	333.13
		Note: Includes the prefinished door, frame, hinges and seals.		
		For 20 Minutes Fire Rated, Add	*50.00*	
		For 45 Minutes Fire Rated, Add	*80.00*	
		For 60 Minutes Fire Rated, Add	*115.00*	
		For 90 Minutes Fire Rated, Add	*145.00*	
08 34 73 16-0009	EA	3' x 7' x 1-3/4" Thick, STC 46, Wood Acoustical Door System (Unrated)	5,526.35	333.13
		Note: Includes the prefinished door, frame, hinges and seals.		
		For 20 Minutes Fire Rated, Add	*50.00*	
		For 45 Minutes Fire Rated, Add	*80.00*	
		For 60 Minutes Fire Rated, Add	*115.00*	
		For 90 Minutes Fire Rated, Add	*145.00*	
08 34 73 16-0010	EA	3' x 7' x 1-3/4" Thick, STC 49, Wood Acoustical Door System (Unrated)	6,132.49	333.13
		Note: Includes the prefinished door, frame, hinges and seals.		

08 35 Folding Doors and Grilles *(08 30)*

08 35 13 Folding Doors *(08 35)*

08 35 13 13 Accordion Folding Doors *(08 35 13)*

08 35 13 13-0001 Accordion Folding Doors *(08 35 13 13)*
Note: Includes track, fittings and hardware, complete.

08 35 13 13-0002	SF	Fire-Resistant, Vinyl Fabric Installed On Welded Steel Frames, Accordion Folding Door	96.32	11.90
08 35 13 13-0003	SF	1/32" Thick, Single Ply Vinyl, Accordion Folding Door	19.97	11.90
08 35 13 13-0004	SF	0.04" Thick, Fire-Resistant, Rigid Vinyl Panels, Accordion Folding Door	43.88	11.90
08 35 13 13-0005	SF	3/8" Thick, Fire-Resistant, Wood Veneer, Vinyl Or High Pressure Laminate, High Density Engineered Wood Core Panel, Accordion Folding Door	61.92	11.90

08 36 Panel Doors *(08 30)*

08 36 13 Sectional Doors *(08 36)*

Note: Excludes lifting equipment (forklift or scissor lift) where required.

08 36 13 00-0001 Sectional Wood Overhead Doors (Width x Height) *(08 36 13)*

08 36 13 00-0002 Wood Sectional Overhead Doors *(08 36 13 00-0001)*
Note: Includes 1-3/4" door, tracks and hardware. Excludes frame.

08 36 13 00-0003	EA	8' x 8', Wood Sectional Door, Manual Lift	2,825.95	475.91
08 36 13 00-0004	EA	10' x 10', Wood Sectional Door, Manual Lift	3,491.40	528.26
08 36 13 00-0005	EA	12' x 12', Wood Sectional Door, Manual Lift	4,439.82	632.96
08 36 13 00-0006	EA	14' x 14', Wood Sectional Door, Manual Lift	6,333.40	732.90
08 36 13 00-0007	EA	12' x 16', Wood Sectional Door, Manual Lift	6,866.78	951.82
08 36 13 00-0008	EA	20' x 8', Wood Sectional Door, Manual Lift	6,642.58	1,189.77
08 36 13 00-0009	EA	20' x 16', Wood Sectional Door, Manual Lift	11,914.95	1,585.97

08 36 13 00-0010 Residential Grade, Wood Sectional Overhead Doors *(08 36 13 00-0001)*
Note: Includes 1-3/4" door, tracks and hardware. Excludes frame.

08 36 13 00-0011	EA	9' x 7', Residential Grade, Wood Sectional Door, Manual Lift	1,456.03	237.96
		For Hardboard Face, Add	*115.00*	
		For Insulation, Add	*117.00*	
		For Motor Operator With Remote Controls, Add	*468.44*	
		For Each Glass Vision Panel In Door, Add	*50.00*	
08 36 13 00-0012	EA	16' x 7', Residential Grade, Wood Sectional Door, Manual Lift	2,258.97	237.96
		For Hardboard Face, Add	*115.00*	
		For Insulation, Add	*117.00*	
		For Motor Operator With Remote Controls, Add	*503.81*	
		For Each Glass Vision Panel In Door, Add	*50.00*	

08 36 13 00-0013 Sectional Metal Overhead Doors (Width x Height) *(08 36 13)*
Note: Includes tracks and all hardware.

08 36 13 00-0014 Galvanized Steel Sectional Overhead Doors *(08 36 13 00-0013)*

08 36 13 00-0015 Non-Insulated, 24 Gauge Galvanized Steel Sectional Doors *(08 36 13 00-0014)*
Note: Includes 2" door, tracks and hardware. Excludes frame.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 36 13 00-0016	EA	8' x 8', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	1,908.92	416.42
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*156.03*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*269.02*	
		For Aluminum, Mill Finish, Add	*122.67*	
		For Aluminum, Anodized Finish, Add	*343.27*	
08 36 13 00-0017	EA	8' x 10', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	2,250.90	475.91
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*188.37*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*324.77*	
		For Aluminum, Mill Finish, Add	*148.10*	
		For Aluminum, Anodized Finish, Add	*414.41*	
08 36 13 00-0018	EA	8' x 12', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	2,778.08	594.88
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*230.30*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*397.08*	
		For Aluminum, Mill Finish, Add	*181.07*	
		For Aluminum, Anodized Finish, Add	*506.67*	
08 36 13 00-0019	EA	10' x 8', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	2,151.58	475.91
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*173.97*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*299.94*	
		For Aluminum, Mill Finish, Add	*136.77*	
		For Aluminum, Anodized Finish, Add	*382.72*	
08 36 13 00-0020	EA	10' x 10', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	2,650.88	594.88
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*211.86*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*365.28*	
		For Aluminum, Mill Finish, Add	*166.57*	
		For Aluminum, Anodized Finish, Add	*466.09*	
08 36 13 00-0021	EA	10' x 12', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	3,333.64	773.35
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*259.11*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*446.74*	
		For Aluminum, Mill Finish, Add	*203.71*	
		For Aluminum, Anodized Finish, Add	*570.03*	
08 36 13 00-0022	EA	10' x 14', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	3,937.99	951.82
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*294.98*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*508.59*	
		For Aluminum, Mill Finish, Add	*231.92*	
		For Aluminum, Anodized Finish, Add	*648.96*	
08 36 13 00-0023	EA	12' x 8', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	2,567.28	594.88
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*199.74*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*344.38*	
		For Aluminum, Mill Finish, Add	*157.04*	
		For Aluminum, Anodized Finish, Add	*439.43*	
08 36 13 00-0024	EA	12' x 10', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	3,208.20	773.35
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*240.92*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*415.38*	
		For Aluminum, Mill Finish, Add	*189.41*	
		For Aluminum, Anodized Finish, Add	*530.02*	
08 36 13 00-0025	EA	12' x 12', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	3,915.32	951.82
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*291.70*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*502.92*	
		For Aluminum, Mill Finish, Add	*229.33*	
		For Aluminum, Anodized Finish, Add	*641.73*	
08 36 13 00-0026	EA	12' x 14', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	4,619.00	1,130.28
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*341.97*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*589.61*	
		For Aluminum, Mill Finish, Add	*268.86*	
		For Aluminum, Anodized Finish, Add	*752.34*	
08 36 13 00-0027	EA	12' x 16', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	5,511.31	1,368.24
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*402.35*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*693.71*	
		For Aluminum, Mill Finish, Add	*316.33*	
		For Aluminum, Anodized Finish, Add	*885.18*	
08 36 13 00-0028	EA	14' x 8', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	3,042.68	773.35
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*216.92*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*374.00*	
		For Aluminum, Mill Finish, Add	*170.54*	
		For Aluminum, Anodized Finish, Add	*477.22*	
08 36 13 00-0029	EA	14' x 10', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	3,742.84	951.82
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*266.69*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*459.80*	
		For Aluminum, Mill Finish, Add	*209.67*	
		For Aluminum, Anodized Finish, Add	*586.71*	
08 36 13 00-0030	EA	14' x 12', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	4,617.75	1,189.77
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*324.54*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*559.55*	
		For Aluminum, Mill Finish, Add	*255.15*	
		For Aluminum, Anodized Finish, Add	*713.99*	
08 36 13 00-0031	EA	14' x 14', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	5,324.88	1,368.24
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*375.32*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*647.11*	
		For Aluminum, Mill Finish, Add	*295.08*	
		For Aluminum, Anodized Finish, Add	*825.71*	
08 36 13 00-0032	EA	14' x 16', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	6,124.37	1,546.70
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*439.49*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*757.74*	
		For Aluminum, Mill Finish, Add	*345.53*	
		For Aluminum, Anodized Finish, Add	*966.88*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 36 13 00-0033	EA	16' x 8', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	3,681.85	951.82
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*257.84*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*444.56*	
		For Aluminum, Mill Finish, Add	*202.72*	
		For Aluminum, Anodized Finish, Add	*567.25*	
08 36 13 00-0034	EA	16' x 10', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	4,553.28	1,189.77
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*315.19*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*543.43*	
		For Aluminum, Mill Finish, Add	*247.81*	
		For Aluminum, Anodized Finish, Add	*693.42*	
08 36 13 00-0035	EA	16' x 12', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	5,357.97	1,368.24
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*380.12*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*655.38*	
		For Aluminum, Mill Finish, Add	*298.85*	
		For Aluminum, Anodized Finish, Add	*836.26*	
08 36 13 00-0036	EA	16' x 14', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	6,385.72	1,546.70
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*477.39*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*823.08*	
		For Aluminum, Mill Finish, Add	*375.32*	
		For Aluminum, Anodized Finish, Add	*1,050.25*	
08 36 13 00-0037	EA	16' x 16', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	7,438.36	1,784.66
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*561.01*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*967.26*	
		For Aluminum, Mill Finish, Add	*441.07*	
		For Aluminum, Anodized Finish, Add	*1,234.22*	
08 36 13 00-0038	EA	18' x 8', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	4,687.46	1,189.77
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*334.65*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*576.98*	
		For Aluminum, Mill Finish, Add	*263.10*	
		For Aluminum, Anodized Finish, Add	*736.22*	
08 36 13 00-0039	EA	18' x 10', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	5,598.43	1,368.24
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*414.99*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*715.49*	
		For Aluminum, Mill Finish, Add	*326.26*	
		For Aluminum, Anodized Finish, Add	*912.97*	
08 36 13 00-0040	EA	18' x 12', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	6,769.03	1,546.70
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*532.97*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*918.91*	
		For Aluminum, Mill Finish, Add	*419.02*	
		For Aluminum, Anodized Finish, Add	*1,172.53*	
08 36 13 00-0041	EA	18' x 14', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	7,823.42	1,784.66
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*616.84*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*1,063.52*	
		For Aluminum, Mill Finish, Add	*484.97*	
		For Aluminum, Anodized Finish, Add	*1,357.05*	
08 36 13 00-0042	EA	18' x 16', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	8,985.82	2,022.61
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*716.38*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*1,235.14*	
		For Aluminum, Mill Finish, Add	*563.22*	
		For Aluminum, Anodized Finish, Add	*1,576.04*	
08 36 13 00-0043	EA	20' x 8', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	5,324.88	1,368.24
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*375.32*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*647.11*	
		For Aluminum, Mill Finish, Add	*295.08*	
		For Aluminum, Anodized Finish, Add	*825.71*	
08 36 13 00-0044	EA	20' x 10', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	6,235.88	1,546.70
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*455.66*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*785.62*	
		For Aluminum, Mill Finish, Add	*358.24*	
		For Aluminum, Anodized Finish, Add	*1,002.45*	
08 36 13 00-0045	EA	20' x 12', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	7,689.27	1,784.66
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*597.39*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*1,029.98*	
		For Aluminum, Mill Finish, Add	*469.67*	
		For Aluminum, Anodized Finish, Add	*1,314.26*	
08 36 13 00-0046	EA	20' x 14', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	8,743.63	2,022.61
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*681.27*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*1,174.60*	
		For Aluminum, Mill Finish, Add	*535.62*	
		For Aluminum, Anodized Finish, Add	*1,498.78*	
08 36 13 00-0047	EA	20' x 16', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	10,784.17	2,260.57
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*908.14*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*1,565.75*	
		For Aluminum, Mill Finish, Add	*713.98*	
		For Aluminum, Anodized Finish, Add	*1,997.90*	
08 36 13 00-0048	EA	22' x 8', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	5,929.22	1,546.70
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*411.19*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*708.96*	
		For Aluminum, Mill Finish, Add	*323.28*	
		For Aluminum, Anodized Finish, Add	*904.63*	
08 36 13 00-0049	EA	22' x 10', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	7,314.68	1,784.66
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*543.07*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*936.34*	
		For Aluminum, Mill Finish, Add	*426.97*	
		For Aluminum, Anodized Finish, Add	*1,194.76*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 36 13 00-0050	EA	22' x 12', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	8,665.23	2,022.61
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*669.90*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*1,155.00*	
		For Aluminum, Mill Finish, Add	*526.68*	
		For Aluminum, Anodized Finish, Add	*1,473.77*	
08 36 13 00-0051	EA	22' x 14', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	10,221.39	2,260.57
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*826.53*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*1,425.06*	
		For Aluminum, Mill Finish, Add	*649.83*	
		For Aluminum, Anodized Finish, Add	*1,818.37*	
08 36 13 00-0052	EA	22' x 16', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	11,524.86	2,498.53
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*946.54*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*1,631.96*	
		For Aluminum, Mill Finish, Add	*744.17*	
		For Aluminum, Anodized Finish, Add	*2,082.38*	
08 36 13 00-0053	EA	24' x 8', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	6,574.18	1,784.66
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*435.70*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*751.21*	
		For Aluminum, Mill Finish, Add	*342.55*	
		For Aluminum, Anodized Finish, Add	*958.54*	
08 36 13 00-0054	EA	24' x 10', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	8,013.59	2,022.61
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*575.41*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*992.09*	
		For Aluminum, Mill Finish, Add	*452.39*	
		For Aluminum, Anodized Finish, Add	*1,265.90*	
08 36 13 00-0055	EA	24' x 12', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	9,754.45	2,260.57
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*758.83*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*1,308.32*	
		For Aluminum, Mill Finish, Add	*596.59*	
		For Aluminum, Anodized Finish, Add	*1,669.42*	
08 36 13 00-0056	EA	24' x 14', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	10,904.60	2,498.53
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*856.60*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*1,476.89*	
		For Aluminum, Mill Finish, Add	*673.46*	
		For Aluminum, Anodized Finish, Add	*1,884.51*	
08 36 13 00-0057	EA	24' x 16', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	12,239.48	2,736.47
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*981.15*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*1,691.64*	
		For Aluminum, Mill Finish, Add	*771.39*	
		For Aluminum, Anodized Finish, Add	*2,158.53*	

08 36 13 00-0058 Insulated, 24 Gauge Galvanized Steel Sectional Doors *(08 36 13 00-0014)*

Note: Includes 2" door with polystyrene insulation, 26 gauge interior cover, tracks and hardware. Excludes frame.

08 36 13 00-0059	EA	8' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	2,421.66	416.42
		For Aluminum, Mill Finish, Add	*181.13*	
		For Aluminum, Anodized Finish, Add	*506.83*	
		For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	*198.60*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*397.21*	
		For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	*1,032.73*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*1,986.03*	
08 36 13 00-0060	EA	8' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	2,887.32	475.91
		For Aluminum, Mill Finish, Add	*220.65*	
		For Aluminum, Anodized Finish, Add	*617.42*	
		For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	*241.94*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*483.88*	
		For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	*1,258.08*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*2,419.38*	
08 36 13 00-0061	EA	8' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	3,545.85	594.88
		For Aluminum, Mill Finish, Add	*268.59*	
		For Aluminum, Anodized Finish, Add	*751.59*	
		For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	*294.51*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*589.02*	
		For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	*1,531.45*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*2,945.10*	
08 36 13 00-0062	EA	10' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	2,816.65	475.91
		For Aluminum, Mill Finish, Add	*212.59*	
		For Aluminum, Anodized Finish, Add	*594.88*	
		For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	*233.10*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*466.21*	
		For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	*1,212.14*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*2,331.04*	
08 36 13 00-0063	EA	10' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	3,458.79	594.88
		For Aluminum, Mill Finish, Add	*258.67*	
		For Aluminum, Anodized Finish, Add	*723.82*	
		For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	*283.63*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*567.26*	
		For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	*1,474.86*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*2,836.28*	
08 36 13 00-0064	EA	10' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	4,395.68	773.35
		For Aluminum, Mill Finish, Add	*324.78*	
		For Aluminum, Anodized Finish, Add	*908.82*	
		For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	*356.12*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*712.25*	
		For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	*1,851.84*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*3,561.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 36 13 00-0065	EA	10' x 14', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	5,097.65	951.82
		For Aluminum, Mill Finish, Add	*364.12*	
		For Aluminum, Anodized Finish, Add	*1,018.89*	
		For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	*399.25*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*798.51*	
		For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	*2,076.11*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*3,992.53*	
08 36 13 00-0066	EA	12' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	3,325.71	594.88
		For Aluminum, Mill Finish, Add	*243.50*	
		For Aluminum, Anodized Finish, Add	*681.36*	
		For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	*266.99*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*533.99*	
		For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	*1,388.36*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*2,669.93*	
08 36 13 00-0067	EA	12' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	4,144.32	773.35
		For Aluminum, Mill Finish, Add	*296.13*	
		For Aluminum, Anodized Finish, Add	*828.64*	
		For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	*324.70*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*649.41*	
		For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	*1,688.45*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*3,247.03*	
08 36 13 00-0068	EA	12' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	5,053.30	951.82
		For Aluminum, Mill Finish, Add	*359.06*	
		For Aluminum, Anodized Finish, Add	*1,004.74*	
		For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	*393.71*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*787.42*	
		For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	*2,047.29*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*3,937.09*	
08 36 13 00-0069	EA	12' x 14', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	5,908.06	1,130.28
		For Aluminum, Mill Finish, Add	*415.81*	
		For Aluminum, Anodized Finish, Add	*1,163.55*	
		For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	*455.94*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*911.87*	
		For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	*2,370.87*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*4,559.36*	
08 36 13 00-0070	EA	12' x 16', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	7,172.59	1,368.24
		For Aluminum, Mill Finish, Add	*505.72*	
		For Aluminum, Anodized Finish, Add	*1,415.13*	
		For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	*554.52*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*1,109.03*	
		For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	*2,883.48*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*5,545.16*	
08 36 13 00-0071	EA	14' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	3,948.80	773.35
		For Aluminum, Mill Finish, Add	*273.84*	
		For Aluminum, Anodized Finish, Add	*766.27*	
		For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	*300.26*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*600.53*	
		For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	*1,561.37*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*3,002.63*	
08 36 13 00-0072	EA	14' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	4,897.21	951.82
		For Aluminum, Mill Finish, Add	*341.27*	
		For Aluminum, Anodized Finish, Add	*954.95*	
		For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	*374.20*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*748.40*	
		For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	*1,945.83*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*3,741.98*	
08 36 13 00-0073	EA	14' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	5,956.40	1,189.77
		For Aluminum, Mill Finish, Add	*407.76*	
		For Aluminum, Anodized Finish, Add	*1,141.02*	
		For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	*447.11*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*894.21*	
		For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	*2,324.95*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*4,471.06*	
08 36 13 00-0074	EA	14' x 14', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	7,021.42	1,368.24
		For Aluminum, Mill Finish, Add	*488.49*	
		For Aluminum, Anodized Finish, Add	*1,366.90*	
		For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	*535.62*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*1,071.24*	
		For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	*2,785.22*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*5,356.20*	
08 36 13 00-0075	EA	14' x 16', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	8,060.21	1,546.70
		For Aluminum, Mill Finish, Add	*566.22*	
		For Aluminum, Anodized Finish, Add	*1,584.41*	
		For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	*620.85*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*1,241.70*	
		For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	*3,228.43*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*6,208.51*	
08 36 13 00-0076	EA	16' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	4,727.99	951.82
		For Aluminum, Mill Finish, Add	*321.98*	
		For Aluminum, Anodized Finish, Add	*900.97*	
		For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	*353.05*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*706.09*	
		For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	*1,835.83*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*3,530.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 36 13 00-0077	EA	16' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	6,087.84	1,189.77
		For Aluminum, Mill Finish, Add	*422.75*	
		For Aluminum, Anodized Finish, Add	*1,182.94*	
		For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	*463.54*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*927.07*	
		For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	*2,410.39*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*4,635.36*	
08 36 13 00-0078	EA	16' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	7,110.15	1,368.24
		For Aluminum, Mill Finish, Add	*498.60*	
		For Aluminum, Anodized Finish, Add	*1,395.21*	
		For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	*546.71*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*1,093.42*	
		For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	*2,842.90*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*5,467.11*	
08 36 13 00-0079	EA	16' x 14', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	8,139.06	1,546.70
		For Aluminum, Mill Finish, Add	*575.21*	
		For Aluminum, Anodized Finish, Add	*1,609.57*	
		For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	*630.71*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*1,261.42*	
		For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	*3,279.68*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*6,307.08*	
08 36 13 00-0080	EA	16' x 16', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	9,627.09	1,784.66
		For Aluminum, Mill Finish, Add	*690.58*	
		For Aluminum, Anodized Finish, Add	*1,932.42*	
		For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	*757.22*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*1,514.44*	
		For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	*3,937.54*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*7,572.19*	
08 36 13 00-0081	EA	18' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	5,450.34	1,189.77
		For Aluminum, Mill Finish, Add	*350.07*	
		For Aluminum, Anodized Finish, Add	*979.58*	
		For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	*383.85*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*767.70*	
		For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	*1,996.01*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*3,838.49*	
08 36 13 00-0082	EA	18' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	6,760.18	1,368.24
		For Aluminum, Mill Finish, Add	*458.70*	
		For Aluminum, Anodized Finish, Add	*1,283.57*	
		For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	*502.97*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*1,005.93*	
		For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	*2,615.42*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*5,029.65*	
08 36 13 00-0083	EA	18' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	7,849.89	1,546.70
		For Aluminum, Mill Finish, Add	*542.24*	
		For Aluminum, Anodized Finish, Add	*1,517.32*	
		For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	*594.56*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*1,189.12*	
		For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	*3,091.72*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*5,945.61*	
08 36 13 00-0084	EA	18' x 14', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	9,794.67	1,784.66
		For Aluminum, Mill Finish, Add	*709.69*	
		For Aluminum, Anodized Finish, Add	*1,985.88*	
		For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	*778.17*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*1,556.33*	
		For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	*4,046.46*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*7,781.66*	
08 36 13 00-0085	EA	18' x 16', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	10,728.98	2,022.61
		For Aluminum, Mill Finish, Add	*761.95*	
		For Aluminum, Anodized Finish, Add	*2,132.11*	
		For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	*835.47*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*1,670.93*	
		For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	*4,344.42*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*8,354.66*	
08 36 13 00-0086	EA	20' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	6,728.97	1,368.24
		For Aluminum, Mill Finish, Add	*455.15*	
		For Aluminum, Anodized Finish, Add	*1,273.61*	
		For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	*499.06*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*998.13*	
		For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	*2,595.13*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*4,990.64*	
08 36 13 00-0087	EA	20' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	7,922.20	1,546.70
		For Aluminum, Mill Finish, Add	*550.48*	
		For Aluminum, Anodized Finish, Add	*1,540.39*	
		For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	*603.60*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*1,207.20*	
		For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	*3,138.72*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*6,036.00*	
08 36 13 00-0088	EA	20' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	10,131.48	1,784.66
		For Aluminum, Mill Finish, Add	*748.08*	
		For Aluminum, Anodized Finish, Add	*2,093.32*	
		For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	*820.27*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*1,640.54*	
		For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	*4,265.39*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*8,202.68*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 36 13 00-0089	EA	20' x 14', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	11,029.64	2,022.61
		For Aluminum, Mill Finish, Add	*796.22*	
		For Aluminum, Anodized Finish, Add	*2,228.02*	
		For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	*873.05*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*1,746.10*	
		For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	*4,539.85*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*8,730.49*	
08 36 13 00-0090	EA	20' x 16', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	12,815.02	2,260.57
		For Aluminum, Mill Finish, Add	*945.50*	
		For Aluminum, Anodized Finish, Add	*2,645.74*	
		For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	*1,036.73*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*2,073.46*	
		For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	*5,391.00*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*10,367.31*	
08 36 13 00-0091	EA	22' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	7,381.64	1,546.70
		For Aluminum, Mill Finish, Add	*488.86*	
		For Aluminum, Anodized Finish, Add	*1,367.95*	
		For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	*536.03*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*1,072.06*	
		For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	*2,787.36*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*5,360.30*	
08 36 13 00-0092	EA	22' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	9,129.27	1,784.66
		For Aluminum, Mill Finish, Add	*633.83*	
		For Aluminum, Anodized Finish, Add	*1,773.62*	
		For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	*694.99*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*1,389.98*	
		For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	*3,613.95*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*6,949.91*	
08 36 13 00-0093	EA	22' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	10,848.92	2,022.61
		For Aluminum, Mill Finish, Add	*775.62*	
		For Aluminum, Anodized Finish, Add	*2,170.37*	
		For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	*850.46*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*1,700.92*	
		For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	*4,422.39*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*8,504.59*	
08 36 13 00-0094	EA	22' x 14', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	12,192.33	2,260.57
		For Aluminum, Mill Finish, Add	*874.51*	
		For Aluminum, Anodized Finish, Add	*2,447.10*	
		For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	*958.90*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*1,917.79*	
		For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	*4,986.25*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*9,588.95*	
08 36 13 00-0095	EA	22' x 16', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	13,911.94	2,498.53
		For Aluminum, Mill Finish, Add	*1,016.30*	
		For Aluminum, Anodized Finish, Add	*2,843.86*	
		For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	*1,114.36*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*2,228.73*	
		For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	*5,794.69*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*11,143.64*	
08 36 13 00-0096	EA	24' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	8,220.68	1,784.66
		For Aluminum, Mill Finish, Add	*530.25*	
		For Aluminum, Anodized Finish, Add	*1,483.78*	
		For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	*581.42*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*1,162.84*	
		For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	*3,023.37*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*5,814.18*	
08 36 13 00-0097	EA	24' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	10,150.66	2,022.61
		For Aluminum, Mill Finish, Add	*696.02*	
		For Aluminum, Anodized Finish, Add	*1,947.63*	
		For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	*763.18*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*1,526.35*	
		For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	*3,968.52*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*7,631.76*	
08 36 13 00-0098	EA	24' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	11,776.67	2,260.57
		For Aluminum, Mill Finish, Add	*827.13*	
		For Aluminum, Anodized Finish, Add	*2,314.50*	
		For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	*906.94*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*1,813.88*	
		For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	*4,716.08*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*9,069.38*	
08 36 13 00-0099	EA	24' x 14', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	13,499.56	2,498.53
		For Aluminum, Mill Finish, Add	*969.29*	
		For Aluminum, Anodized Finish, Add	*2,712.31*	
		For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	*1,062.82*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*2,125.63*	
		For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	*5,526.64*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*10,628.16*	
08 36 13 00-0100	EA	24' x 16', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	15,194.57	2,736.47
		For Aluminum, Mill Finish, Add	*1,108.27*	
		For Aluminum, Anodized Finish, Add	*3,101.20*	
		For 22 Gauge Steel Ribbed, Heavy Duty Door, Add	*1,215.20*	
		For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	*2,430.41*	
		For 18 Gauge Steel Ribbed, Heavy Duty Door, Add	*6,319.06*	
		For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	*12,152.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 36 13 00-0101		**Residential Grade, Galvanized Steel Sectional Overhead Doors** *(08 36 13 00-0013)*		
		Note: Includes track and hardware. Excludes frame.		
08 36 13 00-0102	EA	9' x 7', Non-Insulated, 25 Gauge Residential Grade Galvanized Steel Sectional Door, Manual Lift	1,073.61	237.96
		For Aluminum And Fiberglass, Add	*148.41*	
		For Each Glass Vision Panel In Door, Add	*27.00*	
		For Insulated Door, Add	*253.73*	
08 36 13 00-0103	EA	9' x 8', Non-Insulated, 25 Gauge Residential Grade Galvanized Steel Sectional Door, Manual Lift	1,159.52	237.96
		For Aluminum And Fiberglass, Add	*175.04*	
		For Each Glass Vision Panel In Door, Add	*27.00*	
		For Insulated Door, Add	*299.26*	
08 36 13 00-0104	EA	16' x 7', Non-Insulated, 25 Gauge Residential Grade Galvanized Steel Sectional Door, Manual Lift	1,470.80	272.22
		For Aluminum And Fiberglass, Add	*245.43*	
		For Each Glass Vision Panel In Door, Add	*27.00*	
		For Insulated Door, Add	*419.60*	
08 36 13 00-0105	EA	16' x 8', Non-Insulated, 25 Gauge Residential Grade Galvanized Steel Sectional Door, Manual Lift	1,605.80	272.22
		For Aluminum And Fiberglass, Add	*287.28*	
		For Each Glass Vision Panel In Door, Add	*27.00*	
		For Insulated Door, Add	*491.15*	
08 36 13 00-0106		**Removal And Reinstallation Of Sectional Metal Overhead Doors And Supports** *(08 36 13 00-0013)*		
		Note: Includes storage, cleaning and supply materials.		
08 36 13 00-0107	SF	Removal And Reinstallation Of Sectional Metal Overhead Door And Supports	16.98	
08 36 13 00-0108		**Sectional Fiberglass Overhead Doors (Width x Height)** *(08 36 13)*		
08 36 13 00-0109		**Fiberglass Sectional Overhead Doors** *(08 36 13 00-0108)*		
08 36 13 00-0110		**Non-Insulated, Fiberglass Sectional Doors** *(08 36 13 00-0109)*		
		Note: Includes 2" door, tracks and hardware. Excludes frame.		
08 36 13 00-0111	EA	8' x 8', Non-Insulated, Fiberglass Sectional Door, Manual Lift	2,272.87	416.42
08 36 13 00-0112	EA	8' x 10', Non-Insulated, Fiberglass Sectional Door, Manual Lift	2,687.78	475.91
08 36 13 00-0113	EA	8' x 12', Non-Insulated, Fiberglass Sectional Door, Manual Lift	3,198.09	594.88
08 36 13 00-0114	EA	10' x 8', Non-Insulated, Fiberglass Sectional Door, Manual Lift	2,659.36	475.91
08 36 13 00-0115	EA	10' x 10', Non-Insulated, Fiberglass Sectional Door, Manual Lift	3,154.81	535.40
08 36 13 00-0116	EA	10' x 12', Non-Insulated, Fiberglass Sectional Door, Manual Lift	3,976.29	743.61
08 36 13 00-0117	EA	10' x 14', Non-Insulated, Fiberglass Sectional Door, Manual Lift	4,801.83	951.82
08 36 13 00-0118	EA	12' x 8', Non-Insulated, Fiberglass Sectional Door, Manual Lift	3,157.83	594.88
08 36 13 00-0119	EA	12' x 10', Non-Insulated, Fiberglass Sectional Door, Manual Lift	3,959.72	743.61
08 36 13 00-0120	EA	12' x 12', Non-Insulated, Fiberglass Sectional Door, Manual Lift	4,751.78	892.33
08 36 13 00-0121	EA	12' x 14', Non-Insulated, Fiberglass Sectional Door, Manual Lift	5,839.64	1,189.77
08 36 13 00-0122	EA	12' x 16', Non-Insulated, Fiberglass Sectional Door, Manual Lift	6,814.34	1,427.73
08 36 13 00-0123	EA	14' x 8', Non-Insulated, Fiberglass Sectional Door, Manual Lift	3,893.98	832.84
08 36 13 00-0124	EA	14' x 10', Non-Insulated, Fiberglass Sectional Door, Manual Lift	4,702.36	951.82
08 36 13 00-0125	EA	14' x 12', Non-Insulated, Fiberglass Sectional Door, Manual Lift	5,754.38	1,189.77
08 36 13 00-0126	EA	14' x 14', Non-Insulated, Fiberglass Sectional Door, Manual Lift	6,804.86	1,427.73
08 36 13 00-0127	EA	14' x 16', Non-Insulated, Fiberglass Sectional Door, Manual Lift	7,620.11	1,546.70
08 36 13 00-0128	EA	16' x 8', Non-Insulated, Fiberglass Sectional Door, Manual Lift	4,425.27	951.82
08 36 13 00-0129	EA	16' x 10', Non-Insulated, Fiberglass Sectional Door, Manual Lift	5,288.89	1,070.80
08 36 13 00-0130	EA	16' x 12', Non-Insulated, Fiberglass Sectional Door, Manual Lift	6,405.25	1,308.75
08 36 13 00-0131	EA	16' x 14', Non-Insulated, Fiberglass Sectional Door, Manual Lift	7,508.80	1,546.70
08 36 13 00-0132	EA	16' x 16', Non-Insulated, Fiberglass Sectional Door, Manual Lift	8,375.31	1,665.68
08 36 13 00-0133		**Insulated, Fiberglass Sectional Doors** *(08 36 13 00-0109)*		
		Note: Includes 2" door with polystyrene insulation, tracks and hardware. Excludes frame.		
08 36 13 00-0134	EA	8' x 8', Insulated, Fiberglass Sectional Door, Manual Lift	2,748.04	416.42
08 36 13 00-0135	EA	8' x 10', Insulated, Fiberglass Sectional Door, Manual Lift	3,260.65	475.91
08 36 13 00-0136	EA	8' x 12', Insulated, Fiberglass Sectional Door, Manual Lift	3,860.83	594.88
08 36 13 00-0137	EA	10' x 8', Insulated, Fiberglass Sectional Door, Manual Lift	3,222.85	475.91
08 36 13 00-0138	EA	10' x 10', Insulated, Fiberglass Sectional Door, Manual Lift	3,842.57	535.40
08 36 13 00-0139	EA	10' x 12', Insulated, Fiberglass Sectional Door, Manual Lift	4,797.69	743.61
08 36 13 00-0140	EA	10' x 14', Insulated, Fiberglass Sectional Door, Manual Lift	5,758.43	951.82
08 36 13 00-0141	EA	12' x 8', Insulated, Fiberglass Sectional Door, Manual Lift	3,807.29	594.88
08 36 13 00-0142	EA	12' x 10', Insulated, Fiberglass Sectional Door, Manual Lift	4,775.64	743.61
08 36 13 00-0143	EA	12' x 12', Insulated, Fiberglass Sectional Door, Manual Lift	5,731.05	892.33
08 36 13 00-0144	EA	12' x 14', Insulated, Fiberglass Sectional Door, Manual Lift	6,981.46	1,189.77
08 36 13 00-0145	EA	12' x 16', Insulated, Fiberglass Sectional Door, Manual Lift	8,121.07	1,427.73
08 36 13 00-0146	EA	14' x 8', Insulated, Fiberglass Sectional Door, Manual Lift	4,629.41	832.84
08 36 13 00-0147	EA	14' x 10', Insulated, Fiberglass Sectional Door, Manual Lift	5,626.14	951.82
08 36 13 00-0148	EA	14' x 12', Insulated, Fiberglass Sectional Door, Manual Lift	6,868.07	1,189.77
08 36 13 00-0149	EA	14' x 14', Insulated, Fiberglass Sectional Door, Manual Lift	8,108.47	1,427.73
08 36 13 00-0150	EA	14' x 16', Insulated, Fiberglass Sectional Door, Manual Lift	9,114.41	1,546.70
08 36 13 00-0151	EA	16' x 8', Insulated, Fiberglass Sectional Door, Manual Lift	5,257.61	951.82
08 36 13 00-0152	EA	16' x 10', Insulated, Fiberglass Sectional Door, Manual Lift	6,327.56	1,070.80
08 36 13 00-0153	EA	16' x 12', Insulated, Fiberglass Sectional Door, Manual Lift	7,654.93	1,308.75
08 36 13 00-0154	EA	16' x 14', Insulated, Fiberglass Sectional Door, Manual Lift	8,966.37	1,546.70
08 36 13 00-0155	EA	16' x 16', Insulated, Fiberglass Sectional Door, Manual Lift	10,039.99	1,665.68

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 36 13 00-0156		Sectional Overhead Door Accessories *(08 36 13)*		
08 36 13 00-0157		Sectional Overhead Door Accessories *(08 36 13 00-0156)*		
08 36 13 00-0158	LF	Flap Seal For Sectional Overhead Doors	4.12	
08 36 13 00-0159	LF	Weather Seal At Top Of Door For Sectional Overhead Doors	5.83	
08 36 13 00-0160	LF	Astragal Only, Weather Strip At Bottom Of Door For Sectional Overhead Doors	3.45	
08 36 13 00-0161	EA	Cylinder Lock For Sectional Overhead Doors	335.72	
08 36 13 00-0162	EA	Manual Chain Hoist For Sectional Overhead Doors	663.39	
08 36 13 00-0163	EA	3/4 HP, Electric Chain Lift Operator For Sectional Overhead Doors Note: Includes motor, supports, push button operator, stationary electronic eye, signal wiring from eye to motor and motor to operator.	2,632.24	
08 36 13 00-0164	EA	1/2 HP Trolley Operator For Sectional Overhead Doors Note: Includes motor, supports, push button operator, stationary electronic eye, signal wiring from eye to motor and motor to operator.	1,230.85	
08 36 13 00-0165	EA	3/4 HP Trolley Operator For Sectional Overhead Doors Note: Includes motor, supports, push button operator, stationary electronic eye, signal wiring from eye to motor and motor to operator.	1,582.11	
		For Door Height >12', Add *Note: Includes motor, supports, push button operator, stationary electronic eye, signal wiring from eye to motor and motor to operator.*	*10.00*	
08 36 13 00-0166	SF	Up To 2 SF Per Window 1/8" Double Strength Glass (DSB) Glazing For Sectional Overhead Doors Note: Additional cost for factory supplied.	38.13	
08 36 13 00-0167	SF	>2 SF Per Window 1/8" Double Strength Glass (DSB) Glazing For Sectional Overhead Doors Note: Additional cost for factory supplied.	23.78	
08 36 13 00-0168	SF	Up To 2 SF Per Window 1/8" Plexiglas Glazing For Sectional Overhead Doors Note: Additional cost for factory supplied.	39.86	
08 36 13 00-0169	SF	>2 SF Per Window 1/8" Plexiglas Glazing For Sectional Overhead Doors Note: Additional cost for factory supplied.	27.18	
08 36 13 00-0170	SF	Up To 2 SF Per Window 3/4" Insulated Glazing For Sectional Overhead Doors Note: Additional cost for factory supplied.	64.13	
08 36 13 00-0171	SF	>2 SF Per Window 3/4" Insulated Glazing For Sectional Overhead Doors Note: Additional cost for factory supplied.	43.28	
08 36 13 00-0172	EA	Vertical Lift Track For Sectional Overhead Doors Up To 12' High Door Note: Includes additional installation of vertical track, spring bumpers, counterweights and vertical lift springs.	611.04	
08 36 13 00-0173	EA	Vertical Lift Track For Sectional Overhead Doors >12' To 16' High Door Note: Includes additional installation of vertical track, spring bumpers, counterweights and vertical lift springs.	950.88	
08 36 13 00-0174	EA	Vertical Lift Track For Sectional Overhead Doors >16' To 20' High Door Note: Includes additional installation of vertical track, spring bumpers, counterweights and vertical lift springs.	1,408.98	
08 36 13 00-0175	SF	25,000 Cycle Spring In Lieu Of 10,000 Cycle For Sectional Overhead Doors Note: Additional cost for factory supplied/installed spring. Per SF of Door.	1.80	
08 36 13 00-0176	SF	50,000 Cycle Spring In Lieu Of 10,000 Cycle For Sectional Overhead Doors Note: Additional cost for factory supplied/installed spring. Per SF of Door.	2.32	
08 36 13 00-0177	SF	100,000 Cycle Spring In Lieu Of 10,000 Cycle For Sectional Overhead Doors Note: Additional cost for factory supplied/installed spring. Per SF of Door.	3.06	

08 38 Traffic Doors *(08 30)*

08 38 13 Flexible Strip Doors *(08 38)*

08 38 13 00-0001		Clear Polyvinyl Chloride (PVC) Strip Doors *(08 38 13)*		
08 38 13 00-0002	SF	8" Smooth Strip, 0.080" Thick, 50% Overlap, Clear Polyvinyl Chloride (PVC) Strip Door	23.09	7.14
		For Cooler/Freezer Doors, USDA Grade, Add *Note: Low temperature to -40 degree F.*	*0.76*	
		For Ribbed Strip Material, Add	*1.60*	
08 38 13 00-0003	SF	8" Smooth Strip, 0.080" Thick, 100% Overlap, Clear Polyvinyl Chloride (PVC) Strip Door	32.17	9.52
		For Cooler/Freezer Doors, USDA Grade, Add *Note: Low temperature to -40 degree F.*	*1.08*	
		For Ribbed Strip Material, Add	*2.26*	
08 38 13 00-0004	SF	12" Smooth Strip, 0.120" Thick, 66% Overlap, Clear Polyvinyl Chloride (PVC) Strip Door	20.31	5.95
		For Cooler/Freezer Doors, USDA Grade, Add *Note: Low temperature to -40 degree F.*	*0.96*	
		For Ribbed Strip Material, Add	*2.02*	
08 38 13 00-0005	SF	12" Smooth Strip, 0.120" Thick, 100% Overlap, Clear Polyvinyl Chloride (PVC) Strip Door	26.33	6.54
		For Cooler/Freezer Doors, USDA Grade, Add *Note: Low temperature to -40 degree F.*	*1.21*	
		For Ribbed Strip Material, Add	*2.53*	
08 38 13 00-0006	SF	16" Smooth Strip, 0.160" Thick, 66% Overlap, Clear Polyvinyl Chloride (PVC) Strip Door	21.73	5.95
		For Cooler/Freezer Doors, USDA Grade, Add *Note: Low temperature to -40 degree F.*	*1.22*	
		For Ribbed Strip Material, Add	*2.56*	
08 38 13 00-0007		Clear Polyvinyl Chloride (PVC) Replacement Strips *(08 38 13)*		
08 38 13 00-0008	EA	8" Smooth Strip, 0.080" Thick, 7' Long, Replacement Strip	69.76	33.55
		For Cooler/Freezer Doors, USDA Grade, Add *Note: Low temperature to -40 degree F.*	*1.50*	
		For Ribbed Strip Material, Add	*3.16*	
08 38 13 00-0009	EA	8" Smooth Strip, 0.080" Thick, 8' Long, Replacement Strip	71.87	33.55
		For Cooler/Freezer Doors, USDA Grade, Add *Note: Low temperature to -40 degree F.*	*1.71*	
		For Ribbed Strip Material, Add	*3.60*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 13 00-0010	EA	12" Smooth Strip, 0.120" Thick, 8' Long, Replacement Strip	102.96	41.52
		For Cooler/Freezer Doors, USDA Grade, Add	*3.51*	
		Note: Low temperature to -40 degree F.		
		For Ribbed Strip Material, Add	*7.38*	
08 38 13 00-0011	EA	12" Smooth Strip, 0.120" Thick, 10' Long, Replacement Strip	110.09	41.52
		For Cooler/Freezer Doors, USDA Grade, Add	*4.23*	
		Note: Low temperature to -40 degree F.		
		For Ribbed Strip Material, Add	*8.88*	
08 38 13 00-0012	EA	12" Smooth Strip, 0.120" Thick, 12' Long, Replacement Strip	116.79	41.52
		For Cooler/Freezer Doors, USDA Grade, Add	*4.90*	
		Note: Low temperature to -40 degree F.		
		For Ribbed Strip Material, Add	*10.28*	
08 38 13 00-0013	EA	16" Smooth Strip, 0.160" Thick, 14' Long, Replacement Strip	199.47	42.35
		For Cooler/Freezer Doors, USDA Grade, Add	*11.47*	
		Note: Low temperature to -40 degree F.		
		For Ribbed Strip Material, Add	*24.09*	

08 38 16 Flexible Traffic Doors *(08 38)*

Note: Impact traffic doors also known as double action traffic doors. Includes hardware. Excludes door frame.

08 38 16 00-0001 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Doors (TMI Mega-Pro) *(08 38 16)*

08 38 16 00-0002 Double Door, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Doors *(08 38 16 00-0001)*

08 38 16 00-0003 Double Door, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Doors *(08 38 16 00-0002)*

08 38 16 00-0004	EA	72" x 84" Opening, Double Door, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door	6,725.75	118.98
08 38 16 00-0005	EA	72" x 96" Opening, Double Door, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door	7,283.44	118.98
08 38 16 00-0006	EA	96" x 96" Opening, Double Door, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door	15,319.63	136.82
08 38 16 00-0007	EA	96" x 120" Opening, Double Door, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door	17,198.33	148.72
08 38 16 00-0008	EA	108" x 108" Opening, Double Door, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door	26,849.55	148.72
08 38 16 00-0009	EA	108" x 120" Opening, Double Door, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door	28,098.07	148.72
08 38 16 00-0010	EA	120" x 120" Opening, Double Door, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door	31,255.83	178.46

08 38 16 00-0011 Double Door With Impact Plate, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Doors *(08 38 16 00-0002)*

08 38 16 00-0012	EA	72" x 84" Opening, Double Door With Impact Plate, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door	7,502.13	118.98
08 38 16 00-0013	EA	72" x 96" Opening, Double Door With Impact Plate, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door	8,123.18	118.98
08 38 16 00-0014	EA	96" x 96" Opening, Double Door With Impact Plate, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door	18,179.38	136.82
08 38 16 00-0015	EA	96" x 120" Opening, Double Door With Impact Plate, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door	20,045.38	148.72
08 38 16 00-0016	EA	108" x 108" Opening, Double Door With Impact Plate, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door	30,114.73	148.72
08 38 16 00-0017	EA	108" x 120" Opening, Double Door With Impact Plate, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door	31,384.74	148.72
08 38 16 00-0018	EA	120" x 120" Opening, Double Door With Impact Plate, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door	34,912.34	178.46

08 38 16 00-0019 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors (Eliason FMP) *(08 38 16)*

Note: Includes pebble embossed finish and a 14" x 16" vinyl window.

08 38 16 00-0020 Single Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors *(08 38 16 00-0019)*

08 38 16 00-0021 84" Height, Single Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors *(08 38 16 00-0020)*

08 38 16 00-0022	EA	24" To 36" Width x 84" Height Opening, Single Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors	2,902.67	65.43
08 38 16 00-0023	EA	40" To 44" Width x 84" Height Opening, Single Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors	3,136.15	65.43

08 38 16 00-0024 96" Height, Single Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors *(08 38 16 00-0020)*

08 38 16 00-0025	EA	24" To 36" Width x 96" Height Opening, Single Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors	3,136.15	65.43
08 38 16 00-0026	EA	40" To 44" Width x 96" Height Opening, Single Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors	3,202.01	65.43

08 38 16 00-0027 Double Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors *(08 38 16 00-0019)*

08 38 16 00-0028 84" Height, Double Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors *(08 38 16 00-0027)*

08 38 16 00-0029	EA	48" To 72" Width x 84" Height Opening, Double Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors	5,769.65	113.03
08 38 16 00-0030	EA	80" To 88" Width x 84" Height Opening, Double Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors	6,236.61	113.03

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 16 00-0031		96" Height, Double Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors *(08 38 16 00-0027)*		
08 38 16 00-0032	EA	48" To 72" Width x 96" Height Opening, Double Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors	6,236.61	113.03
08 38 16 00-0033	EA	80" To 88" Width x 96" Height Opening, Double Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors	6,368.31	113.03
08 38 19		**Rigid Traffic Doors** *(08 38)*		
		Note: Impact traffic doors also known as double action traffic doors. Includes hardware. Excludes door frame.		
08 38 19 00-0001		0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Doors (Eliason LWP-3) *(08 38 19)*		
		Note: Includes delta formed vertical edges and a 9" x 14" acrylic window.		
08 38 19 00-0002		Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Doors *(08 38 19 00-0001)*		
08 38 19 00-0003		84" Height, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Doors *(08 38 19 00-0002)*		
08 38 19 00-0004	EA	24" x 84" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	1,376.08	65.43
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0005	EA	28" x 84" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	1,483.84	65.43
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0006	EA	30" x 84" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	1,531.70	68.41
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0007	EA	32" x 84" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	1,597.55	68.41
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0008	EA	36" x 84" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	1,669.38	71.38
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0009	EA	40" x 84" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	1,813.06	71.38
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0010	EA	42" x 84" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	1,872.79	80.31
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0011		96" Height, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Doors *(08 38 19 00-0002)*		
08 38 19 00-0012	EA	24" x 96" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	1,561.67	65.43
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0013	EA	28" x 96" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	1,645.48	65.43
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0014	EA	30" x 96" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	1,699.32	68.41
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0015	EA	32" x 96" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	1,747.22	68.41
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0016	EA	36" x 96" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	1,914.84	71.38
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0017	EA	40" x 96" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	1,950.76	71.38
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0018	EA	42" x 96" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	2,004.50	80.31
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0019		Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Doors *(08 38 19 00-0001)*		
08 38 19 00-0020		84" Height, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Doors *(08 38 19 00-0019)*		
08 38 19 00-0021	EA	48" x 84" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	2,716.46	113.03
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0022	EA	56" x 84" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	2,931.98	113.03
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0023	EA	60" x 84" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	3,015.79	113.03
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0024	EA	64" x 84" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	3,147.50	113.03
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0025	EA	72" x 84" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	3,291.15	118.98
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0026	EA	80" x 84" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	3,578.51	118.98
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0027	EA	84" x 84" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	3,662.32	118.98
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0028		96" Height, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Doors *(08 38 19 00-0019)*		
08 38 19 00-0029	EA	48" x 96" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	3,087.63	113.03
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0030	EA	56" x 96" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	3,255.26	113.03
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0031	EA	60" x 96" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	3,351.05	113.03
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0032	EA	64" x 96" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	3,446.83	113.03
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0033	EA	72" x 96" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	3,782.05	118.98
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0034	EA	80" x 96" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	3,853.89	118.98
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0035	EA	84" x 96" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	3,925.73	118.98
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0036		3/4" Thick, Polymer Cell Core Impact Traffic Doors (Eliason P-11 Plus) *(08 38 19)*		
		Note: Includes 0.125" thick thermoplastic exterior finish, 14 gauge back channel and a 14" x 16" acrylic window.		
08 38 19 00-0037		Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Doors *(08 38 19 00-0036)*		
08 38 19 00-0038		84" Height, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Doors *(08 38 19 00-0037)*		
08 38 19 00-0039	EA	24" x 84" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	2,477.62	65.43
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0040	EA	28" x 84" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	2,759.00	65.43
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0041	EA	30" x 84" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	2,878.69	68.41
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0042	EA	32" x 84" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	2,998.42	68.41
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0043	EA	36" x 84" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	3,040.32	71.38
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0044	EA	40" x 84" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	3,285.78	71.38
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0045	EA	42" x 84" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	3,525.10	80.31
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0046	EA	44" x 84" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	3,567.01	80.31
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0047		96" Height, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Doors *(08 38 19 00-0037)*		
08 38 19 00-0048	EA	24" x 96" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	2,717.09	65.43
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0049	EA	28" x 96" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	3,010.43	65.43
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0050	EA	30" x 96" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	3,130.13	68.41
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0051	EA	32" x 96" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	3,279.80	68.41
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0052	EA	36" x 96" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	3,393.54	71.38
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0053	EA	40" x 96" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	3,633.00	71.38
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0054	EA	42" x 96" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	3,746.61	80.31
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0055	EA	44" x 96" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	3,896.27	80.31
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0056		Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Doors *(08 38 19 00-0036)*		
08 38 19 00-0057		84" Height, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Doors *(08 38 19 00-0056)*		
08 38 19 00-0058	EA	48" x 84" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	4,919.55	113.03
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0059	EA	56" x 84" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	5,482.29	113.03
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0060	EA	60" x 84" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	5,709.78	113.03
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0061	EA	64" x 84" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	5,949.25	113.03
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0062	EA	72" x 84" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	6,033.03	118.98
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0063	EA	80" x 84" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	6,523.93	118.98
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0064	EA	84" x 84" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	6,966.94	118.98
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0065	EA	88" x 84" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	7,050.76	118.98
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	

08 38 19 00-0066 96" Height, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Doors *(08 38 19 00-0056)*

08 38 19 00-0067	EA	48" x 96" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	5,398.48	113.03
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0068	EA	56" x 96" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	5,985.17	113.03
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0069	EA	60" x 96" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	6,212.66	113.03
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0070	EA	64" x 96" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	6,511.99	113.03
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0071	EA	72" x 96" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	6,739.45	118.98
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0072	EA	80" x 96" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	7,218.38	118.98
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0073	EA	84" x 96" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	7,409.95	118.98
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0074	EA	88" x 96" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	7,709.29	118.98
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	

08 38 19 00-0075 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Doors (Eliason PMP-2) *(08 38 19)*

Note: Includes textured finish, 16 gauge back channel and a 14" x 16" window.

08 38 19 00-0076 Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Doors *(08 38 19 00-0075)*

08 38 19 00-0077 84" Height, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Doors *(08 38 19 00-0076)*

08 38 19 00-0078	EA	24" x 84" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	3,033.74	65.43
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0079	EA	28" x 84" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	3,452.42	65.43
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0080	EA	30" x 84" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	3,570.02	68.41
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0081	EA	32" x 84" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	3,611.89	68.41
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0082	EA	36" x 84" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	3,659.74	71.38
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0083	EA	40" x 84" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	4,050.51	71.38
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0084	EA	42" x 84" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	4,389.32	80.31
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0085	EA	44" x 84" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	4,438.17	80.31
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	

08 38 19 00-0086 96" Height, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Doors *(08 38 19 00-0076)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0087	EA	24" x 96" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	3,124.45	65.43
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0088	EA	28" x 96" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	3,640.83	65.43
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0089	EA	30" x 96" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	3,765.41	68.41
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0090	EA	32" x 96" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	3,821.23	68.41
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0091	EA	36" x 96" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	3,841.17	71.38
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0092	EA	40" x 96" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	4,127.27	71.38
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0093	EA	42" x 96" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	4,459.10	80.31
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0094	EA	44" x 96" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	4,514.93	80.31
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	

08 38 19 00-0095 Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Doors *(08 38 19 00-0075)*

08 38 19 00-0096 84" Height, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Doors *(08 38 19 00-0095)*

08 38 19 00-0097	EA	48" x 84" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	6,031.77	113.03
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0098	EA	56" x 84" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	6,869.14	113.03
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0099	EA	60" x 84" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	7,092.44	113.03
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0100	EA	64" x 84" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	7,176.18	113.03
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0101	EA	72" x 84" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	7,271.85	118.98
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0102	EA	80" x 84" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	8,053.40	118.98
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0103	EA	84" x 84" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	8,695.38	118.98
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0104	EA	88" x 84" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	8,793.07	118.98
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	

08 38 19 00-0105 96" Height, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Doors *(08 38 19 00-0095)*

08 38 19 00-0106	EA	48" x 96" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	6,213.20	113.03
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0107	EA	56" x 96" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	7,245.96	113.03
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0108	EA	60" x 96" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	7,483.21	113.03
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0109	EA	64" x 96" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	7,594.86	113.03
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0110	EA	72" x 96" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	7,634.71	118.98
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0111	EA	80" x 96" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	8,206.92	118.98
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0112	EA	84" x 96" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	8,834.94	118.98
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0113	EA	88" x 96" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	8,946.59	118.98
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0114		1" Thick, Exterior Grade Solid Wood Core Impact Traffic Doors (Eliason SCP-2) *(08 38 19)*		
		Note: Includes 0.032" tempered aluminum alloy top panel, 48" high 16 gauge stainless steel front and galvanized back base plate, 14 gauge galvanized steel back channel and a 9" x 14" window.		
08 38 19 00-0115		Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Doors *(08 38 19 00-0114)*		
08 38 19 00-0116		84" Height, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Doors *(08 38 19 00-0115)*		
08 38 19 00-0117	EA	24" x 84" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	3,339.70	65.43
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0118	EA	28" x 84" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	3,656.99	65.43
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0119	EA	30" x 84" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	3,746.75	68.41
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0120	EA	32" x 84" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	3,824.58	68.41
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0121	EA	36" x 84" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	3,962.27	71.38
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0122	EA	40" x 84" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	4,111.93	71.38
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0123	EA	42" x 84" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	4,249.49	80.31
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0124	EA	44" x 84" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	4,351.26	80.31
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0125		96" Height, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Doors *(08 38 19 00-0115)*		
08 38 19 00-0126	EA	24" x 96" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	3,609.10	65.43
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0127	EA	28" x 96" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	3,944.35	65.43
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0128	EA	30" x 96" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	4,040.10	68.41
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0129	EA	32" x 96" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	4,082.01	68.41
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0130	EA	36" x 96" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	4,207.72	71.38
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0131	EA	40" x 96" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	4,405.28	71.38
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0132	EA	42" x 96" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	4,518.88	80.31
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0133	EA	44" x 96" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	4,620.66	80.31
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0134		Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Doors *(08 38 19 00-0114)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0135		84" Height, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Doors *(08 38 19 00-0134)*		
08 38 19 00-0136	EA	48" x 84" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	6,643.70	113.03
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0137	EA	56" x 84" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	7,278.28	113.03
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0138	EA	60" x 84" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	7,445.91	113.03
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0139	EA	64" x 84" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	7,601.56	113.03
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0140	EA	72" x 84" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	7,876.91	118.98
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0141	EA	80" x 84" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	8,176.24	118.98
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0142	EA	84" x 84" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	8,415.71	118.98
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0143	EA	88" x 84" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	8,619.26	118.98
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0144		96" Height, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Doors *(08 38 19 00-0134)*		
08 38 19 00-0145	EA	48" x 96" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	7,182.50	113.03
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0146	EA	56" x 96" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	7,853.00	113.03
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0147	EA	60" x 96" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	8,032.60	113.03
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0148	EA	64" x 96" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	8,116.41	113.03
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0149	EA	72" x 96" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	8,367.82	118.98
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0150	EA	80" x 96" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	8,762.94	118.98
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0151	EA	84" x 96" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	8,954.51	118.98
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0152	EA	88" x 96" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door	9,158.05	118.98
		For Each 14" x 16" Window, Add	*22.00*	
		For Each 15" x 20" Window, Add	*28.00*	
		For Each 18" x 30" Window, Add	*41.00*	
08 38 19 00-0153		1-1/2" Thick, Polymer Cell Core Impact Traffic Doors (Eliason HCP-10) *(08 38 19)*		
		Note: Includes 0.125" thick thermoplastic exterior finish, 14" x 16" acrylic window and 18" high easy spring bumpers.		
08 38 19 00-0154		Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Doors *(08 38 19 00-0153)*		
08 38 19 00-0155		84" Height, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Doors *(08 38 19 00-0154)*		
08 38 19 00-0156	EA	24" x 84" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	3,279.83	65.43
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0157	EA	28" x 84" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	3,453.45	65.43
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0158	EA	30" x 84" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	3,615.05	68.41
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0159	EA	32" x 84" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	3,716.82	68.41
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0160	EA	36" x 84" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	3,974.24	71.38
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0161	EA	40" x 84" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	4,177.79	71.38
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0162	EA	42" x 84" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	4,357.24	80.31
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0163	EA	44" x 84" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	4,548.82	80.31
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0164		90" Height, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Doors *(08 38 19 00-0154)*		
08 38 19 00-0165	EA	24" x 90" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	3,399.57	65.43
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0166	EA	28" x 90" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	3,609.10	65.43
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0167	EA	30" x 90" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	3,716.82	68.41
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0168	EA	32" x 90" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	3,860.50	68.41
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0169	EA	36" x 90" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	4,135.88	71.38
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0170	EA	40" x 90" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	4,381.33	71.38
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0171	EA	42" x 90" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	4,548.82	80.31
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0172	EA	44" x 90" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	4,728.42	80.31
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0173		96" Height, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Doors *(08 38 19 00-0154)*		
08 38 19 00-0174	EA	24" x 96" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	3,704.88	65.43
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0175	EA	28" x 96" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	3,746.79	65.43
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0176	EA	30" x 96" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	3,926.35	68.41
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0177	EA	32" x 96" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	4,058.06	68.41
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0178	EA	36" x 96" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	4,339.42	71.38
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0179	EA	40" x 96" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	4,632.77	71.38
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0180	EA	42" x 96" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	4,788.28	80.31
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0181	EA	44" x 96" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	4,967.88	80.31
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0182		Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Doors *(08 38 19 00-0153)*		
08 38 19 00-0183		84" Height, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Doors *(08 38 19 00-0182)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0184	EA	48" x 84" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	6,523.97	113.03
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0185	EA	56" x 84" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	6,871.19	113.03
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0186	EA	60" x 84" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	7,182.50	113.03
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0187	EA	64" x 84" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	7,386.04	113.03
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0188	EA	72" x 84" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	7,900.86	118.98
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0189	EA	80" x 84" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	8,307.95	118.98
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0190	EA	84" x 84" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	8,631.23	118.98
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0191	EA	88" x 84" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	9,014.37	118.98
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	

08 38 19 00-0192 90" Height, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Doors *(08 38 19 00-0182)*

08 38 19 00-0193	EA	48" x 90" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	6,763.43	113.03
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0194	EA	56" x 90" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	7,182.50	113.03
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0195	EA	60" x 90" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	7,386.04	113.03
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0196	EA	64" x 90" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	7,673.40	113.03
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0197	EA	72" x 90" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	8,224.14	118.98
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0198	EA	80" x 90" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	8,715.04	118.98
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0199	EA	84" x 90" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	9,014.37	118.98
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0200	EA	88" x 90" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	9,373.57	118.98
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	

08 38 19 00-0201 96" Height, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Doors *(08 38 19 00-0182)*

08 38 19 00-0202	EA	48" x 96" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	7,374.07	113.03
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0203	EA	56" x 96" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	7,457.88	113.03
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0204	EA	60" x 96" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	7,805.11	113.03
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0205	EA	64" x 96" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	8,068.52	113.03
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0206	EA	72" x 96" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	8,631.23	118.98
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0207	EA	80" x 96" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	9,217.92	118.98
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0208	EA	84" x 96" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	9,493.31	118.98
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0209	EA	88" x 96" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door	9,852.50	118.98
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0210		1-1/2" Thick, Urethane Foam Core Impact Traffic Doors (Eliason HFG-10) *(08 38 19)*		
		Note: Includes 0.125" thick thermoplastic exterior finish, 14" x 16" acrylic window, 18" high easy spring bumpers, and perimeter gasketing.		
08 38 19 00-0211		Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Doors *(08 38 19 00-0210)*		
08 38 19 00-0212		84" Height, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Doors *(08 38 19 00-0211)*		
08 38 19 00-0213	EA	24" x 84" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	3,279.83	65.43
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0214	EA	28" x 84" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	3,453.45	65.43
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0215	EA	30" x 84" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	3,615.05	68.41
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0216	EA	32" x 84" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	3,716.82	68.41
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0217	EA	36" x 84" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	3,974.24	71.38
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0218	EA	40" x 84" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	4,177.79	71.38
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0219	EA	42" x 84" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	4,357.24	80.31
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0220	EA	44" x 84" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	4,548.82	80.31
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0221		90" Height, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Doors *(08 38 19 00-0211)*		
08 38 19 00-0222	EA	24" x 90" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	3,399.57	65.43
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0223	EA	28" x 90" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	3,609.10	65.43
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0224	EA	30" x 90" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	3,716.82	68.41
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0225	EA	32" x 90" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	3,860.50	68.41
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0226	EA	36" x 90" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	4,135.88	71.38
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0227	EA	40" x 90" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	4,381.33	71.38
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0228	EA	42" x 90" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	4,548.82	80.31
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0229	EA	44" x 90" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	4,728.42	80.31
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0230		96" Height, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Doors *(08 38 19 00-0211)*		
08 38 19 00-0231	EA	24" x 96" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	3,704.88	65.43
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0232	EA	28" x 96" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	3,746.79	65.43
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0233	EA	30" x 96" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	3,926.35	68.41
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0234	EA	32" x 96" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	4,058.06	68.41
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0235	EA	36" x 96" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	4,339.42	71.38
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0236	EA	40" x 96" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	4,632.77	71.38
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0237	EA	42" x 96" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	4,788.28	80.31
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0238	EA	44" x 96" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	4,967.88	80.31
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	

08 38 19 00-0239 Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Doors *(08 38 19 00-0210)*

08 38 19 00-0240 84" Height, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Doors *(08 38 19 00-0239)*

08 38 19 00-0241	EA	48" x 84" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	6,523.97	113.03
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0242	EA	56" x 84" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	6,871.19	113.03
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0243	EA	60" x 84" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	7,182.50	113.03
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0244	EA	64" x 84" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	7,386.04	113.03
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0245	EA	72" x 84" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	7,900.86	118.98
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0246	EA	80" x 84" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	8,307.95	118.98
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0247	EA	84" x 84" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	8,631.23	118.98
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0248	EA	88" x 84" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	9,014.37	118.98
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	

08 38 19 00-0249 90" Height, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Doors *(08 38 19 00-0239)*

08 38 19 00-0250	EA	48" x 90" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	6,763.43	113.03
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0251	EA	56" x 90" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	7,182.50	113.03
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0252	EA	60" x 90" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	7,386.04	113.03
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0253	EA	64" x 90" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	7,673.40	113.03
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0254	EA	72" x 90" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	8,224.14	118.98
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0255	EA	80" x 90" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	8,715.04	118.98
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0256	EA	84" x 90" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	9,014.37	118.98
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0257	EA	88" x 90" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	9,373.57	118.98
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	

08 38 19 00-0258 96" Height, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Doors *(08 38 19 00-0239)*

08 38 19 00-0259	EA	48" x 96" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	7,374.07	113.03
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0260	EA	56" x 96" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	7,457.88	113.03
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0261	EA	60" x 96" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	7,805.11	113.03
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0262	EA	64" x 96" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	8,068.52	113.03
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0263	EA	72" x 96" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	8,631.23	118.98
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0264	EA	80" x 96" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	9,217.92	118.98
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0265	EA	84" x 96" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	9,493.31	118.98
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0266	EA	88" x 96" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	9,852.50	118.98
		For Each 15" x 20" Window, Add	*6.00*	
		For Each 18" x 30" Window, Add	*19.00*	
08 38 19 00-0267		**Rigid Impact Traffic Door Accessories** *(08 38 19)*		
08 38 19 00-0268		**Bumper Strips For Impact Traffic Doors** *(08 38 19 00-0267)*		
		Note: Includes two bumpers per set.		
08 38 19 00-0269	SET	24" Wide, Bumper Strips For Impact Traffic Doors	269.10	47.59
08 38 19 00-0270	SET	30" Wide, Bumper Strips For Impact Traffic Doors	299.03	47.59
08 38 19 00-0271	SET	36" Wide, Bumper Strips For Impact Traffic Doors	322.98	47.59
08 38 19 00-0272	SET	48" Wide, Bumper Strips For Impact Traffic Doors	364.88	47.59
08 38 19 00-0273		**Easy Spring Bumpers For Impact Traffic Doors** *(08 38 19 00-0267)*		
		Note: Includes two bumpers per set.		
08 38 19 00-0274	SET	18" Height, Easy Spring Bumpers For Impact Traffic Doors	754.01	47.59
08 38 19 00-0275	SET	24" Height, Easy Spring Bumpers For Impact Traffic Doors	1,005.45	47.59
08 38 19 00-0276	SET	36" Height, Easy Spring Bumpers For Impact Traffic Doors	1,490.37	47.59
08 38 19 00-0277	SET	42" Height, Easy Spring Bumpers For Impact Traffic Doors	1,723.85	47.59
08 38 19 00-0278	SET	48" Height, Easy Spring Bumpers For Impact Traffic Doors	1,963.31	47.59
08 38 19 00-0279		**Scuff Plates For Impact Traffic Doors** *(08 38 19 00-0267)*		
		Note: Includes two 0.090" thermoplastic plates per set.		
08 38 19 00-0280		**12" High, Scuff Plates For Impact Traffic Doors** *(08 38 19 00-0279)*		
08 38 19 00-0281	SET	24" Wide x 12" High, Impact Traffic Door Scuff Plates	322.98	47.59
08 38 19 00-0282	SET	30" Wide x 12" High, Impact Traffic Door Scuff Plates	346.92	47.59
08 38 19 00-0283	SET	36" Wide x 12" High, Impact Traffic Door Scuff Plates	376.86	47.59
08 38 19 00-0284	SET	42" Wide x 12" High, Impact Traffic Door Scuff Plates	418.76	47.59
08 38 19 00-0285	SET	48" Wide x 12" High, Impact Traffic Door Scuff Plates	442.71	47.59
08 38 19 00-0286		**24" High, Scuff Plates For Impact Traffic Doors** *(08 38 19 00-0279)*		
08 38 19 00-0287	SET	24" Wide x 24" High, Impact Traffic Door Scuff Plates	442.71	47.59
08 38 19 00-0288	SET	30" Wide x 24" High, Impact Traffic Door Scuff Plates	550.47	47.59
08 38 19 00-0289	SET	36" Wide x 24" High, Impact Traffic Door Scuff Plates	610.33	47.59
08 38 19 00-0290	SET	42" Wide x 24" High, Impact Traffic Door Scuff Plates	694.15	47.59
08 38 19 00-0291	SET	48" Wide x 24" High, Impact Traffic Door Scuff Plates	748.03	47.59
08 38 19 00-0292		**30" High, Scuff Plates For Impact Traffic Doors** *(08 38 19 00-0279)*		
08 38 19 00-0293	SET	24" Wide x 30" High, Impact Traffic Door Scuff Plates	550.47	47.59
08 38 19 00-0294	SET	30" Wide x 30" High, Impact Traffic Door Scuff Plates	646.25	47.59
08 38 19 00-0295	SET	36" Wide x 30" High, Impact Traffic Door Scuff Plates	718.09	47.59
08 38 19 00-0296	SET	42" Wide x 30" High, Impact Traffic Door Scuff Plates	849.80	47.59
08 38 19 00-0297	SET	48" Wide x 30" High, Impact Traffic Door Scuff Plates	939.60	47.59
08 38 19 00-0298		**36" High, Scuff Plates For Impact Traffic Doors** *(08 38 19 00-0279)*		
08 38 19 00-0299	SET	24" Wide x 36" High, Impact Traffic Door Scuff Plates	610.33	47.59
08 38 19 00-0300	SET	30" Wide x 36" High, Impact Traffic Door Scuff Plates	718.09	47.59
08 38 19 00-0301	SET	36" Wide x 36" High, Impact Traffic Door Scuff Plates	837.83	47.59
08 38 19 00-0302	SET	42" Wide x 36" High, Impact Traffic Door Scuff Plates	903.68	47.59
08 38 19 00-0303	SET	48" Wide x 36" High, Impact Traffic Door Scuff Plates	1,005.45	47.59
08 38 19 00-0304		**48" High, Scuff Plates For Impact Traffic Doors** *(08 38 19 00-0279)*		
08 38 19 00-0305	SET	24" Wide x 48" High, Impact Traffic Door Scuff Plates	748.03	47.59
08 38 19 00-0306	SET	30" Wide x 48" High, Impact Traffic Door Scuff Plates	939.60	47.59
08 38 19 00-0307	SET	36" Wide x 48" High, Impact Traffic Door Scuff Plates	1,005.45	47.59
08 38 19 00-0308	SET	42" Wide x 48" High, Impact Traffic Door Scuff Plates	1,131.17	47.59
08 38 19 00-0309	SET	48" Wide x 48" High, Impact Traffic Door Scuff Plates	1,268.86	47.59
08 38 19 00-0310		**Base Plates For Impact Traffic Doors** *(08 38 19 00-0267)*		
		Note: Includes two base plates per set.		
08 38 19 00-0311		**Galvanized, 18 Gauge Base Plates For Impact Traffic Doors** *(08 38 19 00-0310)*		
08 38 19 00-0312		**12" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors** *(08 38 19 00-0311)*		
08 38 19 00-0313	SET	24" Wide x 12" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	311.00	47.59
08 38 19 00-0314	SET	30" Wide x 12" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	334.95	47.59
08 38 19 00-0315	SET	36" Wide x 12" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	346.92	47.59

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0316	SET	42" Wide x 12" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	400.80	47.59
08 38 19 00-0317	SET	48" Wide x 12" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	424.75	47.59
08 38 19 00-0318		24" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0311)*		
08 38 19 00-0319	SET	24" Wide x 24" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	400.80	47.59
08 38 19 00-0320	SET	30" Wide x 24" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	436.72	47.59
08 38 19 00-0321	SET	36" Wide x 24" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	472.64	47.59
08 38 19 00-0322	SET	42" Wide x 24" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	502.57	47.59
08 38 19 00-0323	SET	48" Wide x 24" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	550.47	47.59
08 38 19 00-0324		30" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0311)*		
08 38 19 00-0325	SET	24" Wide x 30" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	460.67	47.59
08 38 19 00-0326	SET	30" Wide x 30" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	490.60	47.59
08 38 19 00-0327	SET	36" Wide x 30" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	562.44	47.59
08 38 19 00-0328	SET	42" Wide x 30" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	640.27	47.59
08 38 19 00-0329	SET	48" Wide x 30" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	676.19	47.59
08 38 19 00-0330		36" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0311)*		
08 38 19 00-0331	SET	24" Wide x 36" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	490.60	47.59
08 38 19 00-0332	SET	30" Wide x 36" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	550.47	47.59
08 38 19 00-0333	SET	36" Wide x 36" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	640.27	47.59
08 38 19 00-0334	SET	42" Wide x 36" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	712.11	47.59
08 38 19 00-0335	SET	48" Wide x 36" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	754.01	47.59
08 38 19 00-0336		48" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0311)*		
08 38 19 00-0337	SET	24" Wide x 48" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	628.29	47.59
08 38 19 00-0338	SET	30" Wide x 48" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	712.11	47.59
08 38 19 00-0339	SET	36" Wide x 48" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	825.85	47.59
08 38 19 00-0340	SET	42" Wide x 48" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	879.73	47.59
08 38 19 00-0341	SET	48" Wide x 48" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors	951.57	47.59
08 38 19 00-0342		Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0310)*		
08 38 19 00-0343		12" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0342)*		
08 38 19 00-0344	SET	24" Wide x 12" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	418.76	47.59
08 38 19 00-0345	SET	30" Wide x 12" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	442.71	47.59
08 38 19 00-0346	SET	36" Wide x 12" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	514.55	47.59
08 38 19 00-0347	SET	42" Wide x 12" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	550.47	47.59
08 38 19 00-0348	SET	48" Wide x 12" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	652.24	47.59
08 38 19 00-0349		24" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0342)*		
08 38 19 00-0350	SET	24" Wide x 24" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	586.39	47.59
08 38 19 00-0351	SET	30" Wide x 24" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	694.15	47.59
08 38 19 00-0352	SET	36" Wide x 24" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	801.91	47.59
08 38 19 00-0353	SET	42" Wide x 24" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	933.61	47.59
08 38 19 00-0354	SET	48" Wide x 24" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	1,053.35	47.59
08 38 19 00-0355		30" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0342)*		
08 38 19 00-0356	SET	24" Wide x 30" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	670.20	47.59
08 38 19 00-0357	SET	30" Wide x 30" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	813.88	47.59
08 38 19 00-0358	SET	36" Wide x 30" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	945.59	47.59
08 38 19 00-0359	SET	42" Wide x 30" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	1,083.28	47.59
08 38 19 00-0360	SET	48" Wide x 30" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	1,244.92	47.59
08 38 19 00-0361		36" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0342)*		
08 38 19 00-0362	SET	24" Wide x 36" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	777.96	47.59
08 38 19 00-0363	SET	30" Wide x 36" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	933.61	47.59
08 38 19 00-0364	SET	36" Wide x 36" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	1,113.21	47.59
08 38 19 00-0365	SET	42" Wide x 36" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	1,286.82	47.59
08 38 19 00-0366	SET	48" Wide x 36" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	1,436.49	47.59
08 38 19 00-0367		48" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0342)*		
08 38 19 00-0368	SET	24" Wide x 48" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	969.53	47.59
08 38 19 00-0369	SET	30" Wide x 48" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	1,340.70	47.59
08 38 19 00-0370	SET	36" Wide x 48" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	1,436.49	47.59
08 38 19 00-0371	SET	42" Wide x 48" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	1,723.85	47.59

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0372	SET	48" Wide x 48" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	1,891.48	47.59
08 38 19 00-0373		One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0310)*		
08 38 19 00-0374		12" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0373)*		
08 38 19 00-0375	SET	24" Wide x 12" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	370.87	47.59
08 38 19 00-0376	SET	30" Wide x 12" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	400.80	47.59
08 38 19 00-0377	SET	36" Wide x 12" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	436.72	47.59
08 38 19 00-0378	SET	42" Wide x 12" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	478.63	47.59
08 38 19 00-0379	SET	48" Wide x 12" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	544.48	47.59
08 38 19 00-0380		24" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0373)*		
08 38 19 00-0381	SET	24" Wide x 24" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	502.57	47.59
08 38 19 00-0382	SET	30" Wide x 24" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	574.41	47.59
08 38 19 00-0383	SET	36" Wide x 24" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	646.25	47.59
08 38 19 00-0384	SET	42" Wide x 24" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	724.08	47.59
08 38 19 00-0385	SET	48" Wide x 24" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	813.88	47.59
08 38 19 00-0386		30" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0373)*		
08 38 19 00-0387	SET	24" Wide x 30" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	574.41	47.59
08 38 19 00-0388	SET	30" Wide x 30" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	664.21	47.59
08 38 19 00-0389	SET	36" Wide x 30" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	765.99	47.59
08 38 19 00-0390	SET	42" Wide x 30" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	891.71	47.59
08 38 19 00-0391	SET	48" Wide x 30" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	975.52	47.59
08 38 19 00-0392		36" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0373)*		
08 38 19 00-0393	SET	24" Wide x 36" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	646.25	47.59
08 38 19 00-0394	SET	30" Wide x 36" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	765.99	47.59
08 38 19 00-0395	SET	36" Wide x 36" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	891.71	47.59
08 38 19 00-0396	SET	42" Wide x 36" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	1,017.43	47.59
08 38 19 00-0397	SET	48" Wide x 36" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	1,107.23	47.59
08 38 19 00-0398		48" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors *(08 38 19 00-0373)*		
08 38 19 00-0399	SET	24" Wide x 48" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	813.88	47.59
08 38 19 00-0400	SET	30" Wide x 48" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	999.47	47.59
08 38 19 00-0401	SET	36" Wide x 48" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	1,107.23	47.59
08 38 19 00-0402	SET	42" Wide x 48" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	1,322.74	47.59
08 38 19 00-0403	SET	48" Wide x 48" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	1,382.61	47.59
08 38 19 00-0404		Jamb Guards For Impact Traffic Doors *(08 38 19 00-0267)*		
08 38 19 00-0405	EA	3" x 9", Jamb Guard For Impact Traffic Doors	508.48	59.48
08 38 19 00-0406	EA	5" x 18", Jamb Guard For Impact Traffic Doors	688.08	59.48
08 38 19 00-0407	EA	5" x 18", Stainless Steel Jamb Guard For Impact Traffic Doors	1,346.61	59.48
08 38 19 00-0408		Other Impact Traffic Door Accessories *(08 38 19 00-0267)*		
08 38 19 00-0409	EA	Push Plate For Impact Traffic Doors	125.53	29.74
08 38 19 00-0410	EA	Pull Handle For Impact Traffic Doors	167.43	29.74
08 38 19 00-0411	EA	Deadbolt Lock For Impact Traffic Doors	424.86	29.74
08 38 19 00-0412	PR	Lock Hole Reinforcements For Impact Traffic Doors	532.62	29.74
08 38 19 00-0413	PR	Padlock Brackets For Impact Traffic Doors	209.34	29.74
08 38 19 00-0414		Impact Traffic Door Knock Down Frames *(08 38 19)*		
		Note: Frames are 16 gauge galvanized steel with reinforcement at hardware locations.		
08 38 19 00-0415		Single Door, Impact Traffic Door Knock Down Frames *(08 38 19 00-0414)*		
08 38 19 00-0416		84" Height, Single Door, Impact Traffic Door Knock Down Frames *(08 38 19 00-0415)*		
08 38 19 00-0417	EA	24" x 84" Opening, Single Door, Impact Traffic Door Knock Down Frame	1,247.73	89.24
08 38 19 00-0418	EA	28" x 84" Opening, Single Door, Impact Traffic Door Knock Down Frame	1,469.25	98.15
08 38 19 00-0419	EA	30" x 84" Opening, Single Door, Impact Traffic Door Knock Down Frame	1,501.49	104.10
08 38 19 00-0420	EA	32" x 84" Opening, Single Door, Impact Traffic Door Knock Down Frame	1,537.13	113.03
08 38 19 00-0421	EA	36" x 84" Opening, Single Door, Impact Traffic Door Knock Down Frame	1,571.96	118.98
08 38 19 00-0422	EA	40" x 84" Opening, Single Door, Impact Traffic Door Knock Down Frame	1,638.75	124.93
08 38 19 00-0423	EA	42" x 84" Opening, Single Door, Impact Traffic Door Knock Down Frame	1,687.41	130.88
08 38 19 00-0424	EA	44" x 84" Opening, Single Door, Impact Traffic Door Knock Down Frame	1,719.42	136.82

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0425		**90" Height, Single Door, Impact Traffic Door Knock Down Frames** *(08 38 19 00-0415)*		
08 38 19 00-0426	EA	24" x 90" Opening, Single Door, Impact Traffic Door Knock Down Frame	1,274.43	89.24
08 38 19 00-0427	EA	28" x 90" Opening, Single Door, Impact Traffic Door Knock Down Frame	1,501.04	98.15
08 38 19 00-0428	EA	30" x 90" Opening, Single Door, Impact Traffic Door Knock Down Frame	1,533.83	104.10
08 38 19 00-0429	EA	32" x 90" Opening, Single Door, Impact Traffic Door Knock Down Frame	1,569.91	113.03
08 38 19 00-0430	EA	36" x 90" Opening, Single Door, Impact Traffic Door Knock Down Frame	1,605.31	118.98
08 38 19 00-0431	EA	40" x 90" Opening, Single Door, Impact Traffic Door Knock Down Frame	1,673.47	124.93
08 38 19 00-0432	EA	42" x 90" Opening, Single Door, Impact Traffic Door Knock Down Frame	1,723.03	130.88
08 38 19 00-0433	EA	44" x 90" Opening, Single Door, Impact Traffic Door Knock Down Frame	1,755.58	136.82
08 38 19 00-0434		**96" Height, Single Door, Impact Traffic Door Knock Down Frames** *(08 38 19 00-0415)*		
08 38 19 00-0435	EA	24" x 96" Opening, Single Door, Impact Traffic Door Knock Down Frame	1,309.94	89.24
08 38 19 00-0436	EA	28" x 96" Opening, Single Door, Impact Traffic Door Knock Down Frame	1,543.30	98.15
08 38 19 00-0437	EA	30" x 96" Opening, Single Door, Impact Traffic Door Knock Down Frame	1,576.76	104.10
08 38 19 00-0438	EA	32" x 96" Opening, Single Door, Impact Traffic Door Knock Down Frame	1,602.93	113.03
08 38 19 00-0439	EA	36" x 96" Opening, Single Door, Impact Traffic Door Knock Down Frame	1,649.61	118.98
08 38 19 00-0440	EA	40" x 96" Opening, Single Door, Impact Traffic Door Knock Down Frame	1,708.20	124.93
08 38 19 00-0441	EA	42" x 96" Opening, Single Door, Impact Traffic Door Knock Down Frame	1,770.38	130.88
08 38 19 00-0442	EA	44" x 96" Opening, Single Door, Impact Traffic Door Knock Down Frame	1,806.23	133.84
08 38 19 00-0443		**Double Door, Impact Traffic Door Knock Down Frames** *(08 38 19 00-0414)*		
08 38 19 00-0444		**84" Height, Double Door, Impact Traffic Door Knock Down Frames** *(08 38 19 00-0443)*		
08 38 19 00-0445	EA	48" x 84" Opening, Double Door, Impact Traffic Door Knock Down Frame	1,750.25	136.82
08 38 19 00-0446	EA	56" x 84" Opening, Double Door, Impact Traffic Door Knock Down Frame	1,778.03	139.20
08 38 19 00-0447	EA	60" x 84" Opening, Double Door, Impact Traffic Door Knock Down Frame	1,813.04	142.77
08 38 19 00-0448	EA	64" x 84" Opening, Double Door, Impact Traffic Door Knock Down Frame	1,859.35	148.72
08 38 19 00-0449	EA	72" x 84" Opening, Double Door, Impact Traffic Door Knock Down Frame	1,887.72	154.67
08 38 19 00-0450	EA	80" x 84" Opening, Double Door, Impact Traffic Door Knock Down Frame	1,952.36	155.86
08 38 19 00-0451	EA	84" x 84" Opening, Double Door, Impact Traffic Door Knock Down Frame	1,995.53	157.65
08 38 19 00-0452	EA	88" x 84" Opening, Double Door, Impact Traffic Door Knock Down Frame	2,047.37	160.62
08 38 19 00-0453		**90" Height, Double Door, Impact Traffic Door Knock Down Frames** *(08 38 19 00-0443)*		
08 38 19 00-0454	EA	48" x 90" Opening, Double Door, Impact Traffic Door Knock Down Frame	1,787.13	136.82
08 38 19 00-0455	EA	56" x 90" Opening, Double Door, Impact Traffic Door Knock Down Frame	1,815.45	139.20
08 38 19 00-0456	EA	60" x 90" Opening, Double Door, Impact Traffic Door Knock Down Frame	1,851.24	142.77
08 38 19 00-0457	EA	64" x 90" Opening, Double Door, Impact Traffic Door Knock Down Frame	1,898.39	148.72
08 38 19 00-0458	EA	72" x 90" Opening, Double Door, Impact Traffic Door Knock Down Frame	1,927.23	154.67
08 38 19 00-0459	EA	80" x 90" Opening, Double Door, Impact Traffic Door Knock Down Frame	1,993.37	155.86
08 38 19 00-0460	EA	84" x 90" Opening, Double Door, Impact Traffic Door Knock Down Frame	2,037.53	157.65
08 38 19 00-0461	EA	88" x 90" Opening, Double Door, Impact Traffic Door Knock Down Frame	2,090.53	160.62
08 38 19 00-0462		**96" Height, Double Door, Impact Traffic Door Knock Down Frames** *(08 38 19 00-0443)*		
08 38 19 00-0463	EA	48" x 96" Opening, Double Door, Impact Traffic Door Knock Down Frame	1,830.18	136.82
08 38 19 00-0464	EA	56" x 96" Opening, Double Door, Impact Traffic Door Knock Down Frame	1,852.80	139.20
08 38 19 00-0465	EA	60" x 96" Opening, Double Door, Impact Traffic Door Knock Down Frame	1,901.94	142.77
08 38 19 00-0466	EA	64" x 96" Opening, Double Door, Impact Traffic Door Knock Down Frame	1,937.42	148.72
08 38 19 00-0467	EA	72" x 96" Opening, Double Door, Impact Traffic Door Knock Down Frame	1,979.61	154.67
08 38 19 00-0468	EA	80" x 96" Opening, Double Door, Impact Traffic Door Knock Down Frame	2,053.83	155.86
08 38 19 00-0469	EA	84" x 96" Opening, Double Door, Impact Traffic Door Knock Down Frame	2,093.32	157.65
08 38 19 00-0470	EA	88" x 96" Opening, Double Door, Impact Traffic Door Knock Down Frame	2,137.54	160.62

08 40 Entrances, Storefronts, and Curtain Walls *(08)*

08 42 Entrances *(08 40)*

08 42 13 Aluminum-Framed Entrances *(08 42)*

08 42 13 00-0001 Aluminum Framed Entrance Doors *(08 42 13)*

Note: Includes frame, trim, necessary anchors, tempered glass, standard hardware (hinges, pull handle, push plate, threshold, door sweep) and prepared for panic device. Fixed doors mullion (on pairs). Excludes exit device and closer. See CSI section 08 71 11 00-2086 for exit device, 08 71 11 00-2219 for closer.

08 42 13 00-0002	EA	3' x 7' x 1-3/4" Medium Stile, Clear Anodized Finish, Aluminum Framed Entrance Doors Note: Including Glazing, Trim And Hardware	7,333.04	889.78
		For Bronze Finish, Add	*665.89*	
		For Black Finish, Add	*1,912.49*	
		For 8' High Door, Add	*689.89*	
		For 10' High Door, Add	*1,499.76*	
		For 1" Insulated Glazing, Add	*166.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 42 13 00-0003	EA	3'-6" x 7' x 1-3/4" Medium Stile, Clear Anodized Finish, Aluminum Framed Entrance Doors	7,505.30	977.82
		Note: Including Glazing, Trim And Hardware		
		For Bronze Finish, Add	*670.21*	
		For Black Finish, Add	*1,924.88*	
		For 8' High Door, Add	*694.36*	
		For 10' High Door, Add	*1,509.48*	
		For 1" Insulated Glazing, Add	*166.25*	
08 42 13 00-0004	PR	6' x 7' x 1-3/4" Medium Stile, Clear Anodized Finish, Aluminum Framed Entrance Doors	12,391.43	1,334.40
		Note: Including Glazing, Trim And Hardware		
		For Bronze Finish, Add	*1,153.78*	
		For Black Finish, Add	*3,313.74*	
		For 8' High Door, Add	*1,195.36*	
		For 10' High Door, Add	*2,598.61*	
		For 1" Insulated Glazing, Add	*332.50*	
08 42 13 00-0005	PR	7' x 7' x 1-3/4" Medium Stile, Clear Anodized Finish, Aluminum Framed Entrance Doors	14,494.75	1,454.06
		Note: Including Glazing, Trim And Hardware		
		For Bronze Finish, Add	*1,366.07*	
		For Black Finish, Add	*3,923.47*	
		For 8' High Door, Add	*1,415.30*	
		For 10' High Door, Add	*3,076.75*	
		For 1" Insulated Glazing, Add	*332.50*	
08 42 13 00-0006	EA	3' x 7' x 1-3/4" Wide Stile, Clear Anodized Finish, Aluminum Framed Entrance Doors	8,149.37	889.78
		Note: Including Glazing, Trim And Hardware		
		For Bronze Finish, Add	*756.50*	
		For Black Finish, Add	*2,172.74*	
		For 8' High Door, Add	*783.77*	
		For 10' High Door, Add	*1,703.84*	
		For 1" Insulated Glazing, Add	*166.25*	
08 42 13 00-0007	EA	3'-6" x 7' x 1-3/4" Wide Stile, Clear Anodized Finish, Aluminum Framed Entrance Doors	8,372.17	977.82
		Note: Including Glazing, Trim And Hardware		
		For Bronze Finish, Add	*766.43*	
		For Black Finish, Add	*2,201.24*	
		For 8' High Door, Add	*794.05*	
		For 10' High Door, Add	*1,726.19*	
		For 1" Insulated Glazing, Add	*166.25*	
08 42 13 00-0008	PR	6' x 7' x 1-3/4" Wide Stile, Clear Anodized Finish, Aluminum Framed Entrance Doors	13,934.69	1,334.40
		Note: Including Glazing, Trim And Hardware		
		For Bronze Finish, Add	*1,325.08*	
		For Black Finish, Add	*3,805.73*	
		For 8' High Door, Add	*1,372.83*	
		For 10' High Door, Add	*2,984.42*	
		For 1" Insulated Glazing, Add	*332.50*	
08 42 13 00-0009	PR	7' x 7' x 1-3/4" Wide Stile, Clear Anodized Finish, Aluminum Framed Entrance Doors	15,992.96	1,454.06
		Note: Including Glazing, Trim And Hardware		
		For Bronze Finish, Add	*1,532.38*	
		For Black Finish, Add	*4,401.09*	
		For 8' High Door, Add	*1,587.60*	
		For 10' High Door, Add	*3,451.30*	
		For 1" Insulated Glazing, Add	*332.50*	

08 42 26 All-Glass Entrances *(08 42)*

08 42 26 00-0001 Full Glass Entrance Doors *(08 42 26)*

Note: Includes trim, necessary anchors, tempered glass, and standard hardware (hinges, handle, push plate, lock, closer). Excludes panic devices.

08 42 26 00-0002	EA	3' x 7' x 1/2" Thick, Full Glass, Tempered, Glass Entrance Door	5,955.85	333.50
		Note: Including Trim And Hardware		
		For Anodized Color, Add	*831.93*	
		For Stainless Steel, Add	*3,004.20*	
		For 8' High Door, Add	*531.51*	
		For 10' High Door, Add	*1,155.46*	
		For 1" Insulated Glazing, Add	*166.25*	
08 42 26 00-0003	PR	6' x 7' x 1/2" Thick, Full Glass, Tempered, Glass Entrance Door (Per Pair 3' x 7' x 1/2")	10,632.33	400.20
		Note: Including Trim And Hardware		
		For Anodized Color, Add	*1,570.79*	
		For Stainless Steel, Add	*5,672.30*	
		For 8' High Door, Add	*1,003.56*	
		For 10' High Door, Add	*2,181.65*	
		For 1" Insulated Glazing, Add	*332.50*	
08 42 26 00-0004	EA	3' x 7' x 5/8" Thick, Full Glass, Tempered, Glass Entrance Door	6,788.49	333.50
		Note: Including Trim And Hardware		
		For Anodized Color, Add	*981.81*	
		For Stainless Steel, Add	*3,545.41*	
		For 8' High Door, Add	*627.27*	
		For 10' High Door, Add	*1,363.62*	
		For 1" Insulated Glazing, Add	*166.25*	
08 42 26 00-0005	PR	6' x 7' x 5/8" Thick, Full Glass, Tempered, Glass Entrance Door (Per Pair 3' x 7' x 5/8")	12,425.08	400.20
		Note: Including Trim And Hardware		
		For Anodized Color, Add	*1,893.48*	
		For Stainless Steel, Add	*6,837.58*	
		For 8' High Door, Add	*1,209.73*	
		For 10' High Door, Add	*2,629.84*	
		For 1" Insulated Glazing, Add	*332.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 42 26 00-0006	EA	3' x 7' x 3/4" Thick, Full Glass, Tempered, Glass Entrance Door	7,617.88	333.50
		Note: Including Trim And Hardware		
		For Anodized Color, Add	*1,131.10*	
		For Stainless Steel, Add	*4,084.52*	
		For 8' High Door, Add	*722.65*	
		For 10' High Door, Add	*1,570.97*	
		For 1" Insulated Glazing, Add	*166.25*	
08 42 26 00-0007	PR	6' x 7' x 3/4" Thick, Full Glass, Tempered, Glass Entrance Door (Per Pair 3' x 7' x 3/4")	14,214.90	400.20
		Note: Including Trim And Hardware		
		For Anodized Color, Add	*2,215.65*	
		For Stainless Steel, Add	*8,000.97*	
		For 8' High Door, Add	*1,415.56*	
		For 10' High Door, Add	*3,077.30*	
		For 1" Insulated Glazing, Add	*332.50*	
08 42 26 00-0008	EA	3' x 7' x 1" Thick, Full Glass, Tempered, Glass Entrance Door	9,279.88	333.50
		Note: Including Trim And Hardware		
		For Anodized Color, Add	*1,430.26*	
		For Stainless Steel, Add	*5,164.82*	
		For 8' High Door, Add	*913.78*	
		For 10' High Door, Add	*1,986.47*	
		For 1" Insulated Glazing, Add	*166.25*	
08 42 26 00-0009	PR	6' x 7' x 1" Thick, Full Glass, Tempered, Glass Entrance Door (Per Pair 3' x 7' x 1")	17,797.46	400.20
		Note: Including Trim And Hardware		
		For Anodized Color, Add	*2,860.51*	
		For Stainless Steel, Add	*10,329.63*	
		For 8' High Door, Add	*1,827.55*	
		For 10' High Door, Add	*3,972.94*	
		For 1" Insulated Glazing, Add	*332.50*	

08 42 26 00-0010 Frames For Full Glass Doors *(08 42 26)*

08 42 26 00-0011	LF	Glass Entrance Door, Light Weight Aluminum Frame, 1/8" x 17" Shaped Jamb - Head	32.04	4.00
08 42 26 00-0012	LF	Glass Entrance Door, Heavy Weight Aluminum Frame, 1/8" x 17" Shaped Jamb - Head	41.54	5.33

08 42 29 Automatic Entrances *(08 42)*

08 42 29 23 Sliding Automatic Entrances *(08 42 29)*

Note: Power-operated automatic sliding doors may be used as emergency egress doors as they can break-out in the direction of egress. Excludes glazing. See CSI section 08 80 00 00-0000 for glazing.

08 42 29 23-0001 Bronze Finished Framed Sliding Automatic Entrances *(08 42 29 23)*

08 42 29 23-0002 2 Panel, Bronze Finished Framed Sliding Automatic Entrance *(08 42 29 23-0001)*

Note: Single sliding.

08 42 29 23-0003	EA	5'-0" x 6'-8" 2 Panel, Bronze Finished Framed Sliding Automatic Entrance	3,684.59	133.40
08 42 29 23-0004	EA	6'-0" x 6'-8" 2 Panel, Bronze Finished Framed Sliding Automatic Entrance	4,083.84	180.10
08 42 29 23-0005	EA	7'-0" x 6'-8" 2 Panel, Bronze Finished Framed Sliding Automatic Entrance	4,441.08	200.11
08 42 29 23-0006	EA	8'-0" x 6'-8" 2 Panel, Bronze Finished Framed Sliding Automatic Entrance	4,788.10	220.11
08 42 29 23-0007	EA	10'-0" x 6'-8" 2 Panel, Bronze Finished Framed Sliding Automatic Entrance	6,298.85	266.80
08 42 29 23-0008	EA	12'-0" x 6'-8" 2 Panel, Bronze Finished Framed Sliding Automatic Entrance	6,528.31	313.49
08 42 29 23-0009	EA	15'-0" x 6'-8" 2 Panel, Bronze Finished Framed Sliding Automatic Entrance	8,747.30	360.18

08 42 29 23-0010 4 Panel, Bronze Finished Framed Sliding Automatic Entrance *(08 42 29 23-0001)*

Note: Bi-parting.

08 42 29 23-0011	EA	12'-0" x 6'-8" 4 Panel, Bronze Finished Framed Sliding Automatic Entrance	7,355.73	333.50
08 42 29 23-0012	EA	16'-0" x 6'-8" 4 Panel, Bronze Finished Framed Sliding Automatic Entrance	8,773.85	400.20
08 42 29 23-0013	EA	20'-0" x 6'-8" 4 Panel, Bronze Finished Framed Sliding Automatic Entrance	12,477.49	466.77

08 42 29 23-0014 Aluminum Finished Framed Sliding Automatic Entrances *(08 42 29 23)*

08 42 29 23-0015 2 Panel, Aluminum Finished Framed Sliding Automatic Entrance *(08 42 29 23-0014)*

Note: Single sliding.

08 42 29 23-0016	EA	5'-0" x 6'-8" 2 Panel, Aluminum Finished Framed Sliding Automatic Entrance	3,362.59	133.40
08 42 29 23-0017	EA	6'-0" x 6'-8" 2 Panel, Aluminum Finished Framed Sliding Automatic Entrance	3,733.06	180.10
08 42 29 23-0018	EA	7'-0" x 6'-8" 2 Panel, Aluminum Finished Framed Sliding Automatic Entrance	4,054.49	200.11
08 42 29 23-0019	EA	8'-0" x 6'-8" 2 Panel, Aluminum Finished Framed Sliding Automatic Entrance	4,378.48	220.11
08 42 29 23-0020	EA	10'-0" x 6'-8" 2 Panel, Aluminum Finished Framed Sliding Automatic Entrance	5,755.75	266.80
08 42 29 23-0021	EA	12'-0" x 6'-8" 2 Panel, Aluminum Finished Framed Sliding Automatic Entrance	5,972.35	313.49
08 42 29 23-0022	EA	15'-0" x 6'-8" 2 Panel, Aluminum Finished Framed Sliding Automatic Entrance	7,991.17	360.18

08 42 29 23-0023 4 Panel, Aluminum Finished Framed Sliding Automatic Entrance *(08 42 29 23-0014)*

Note: Bi-parting.

08 42 29 23-0024	EA	12'-0" x 6'-8" 4 Panel, Aluminum Finished Framed Sliding Automatic Entrance	6,725.64	333.50
08 42 29 23-0025	EA	16'-0" x 6'-8" 4 Panel, Aluminum Finished Framed Sliding Automatic Entrance	8,022.67	400.20
08 42 29 23-0026	EA	20'-0" x 6'-8" 4 Panel, Aluminum Finished Framed Sliding Automatic Entrance	11,390.04	466.77

08 42 29 23-0027 Stainless Steel Framed Sliding Automatic Entrances *(08 42 29 23)*

08 42 29 23-0028 2 Panel, Stainless Steel Framed Sliding Automatic Entrance *(08 42 29 23-0027)*

Note: Single sliding.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 42 29 23-0029	EA	5'-0" x 6'-8" 2 Panel, Stainless Steel Framed Sliding Automatic Entrance	4,228.79	133.40
08 42 29 23-0030	EA	6'-0" x 6'-8" 2 Panel, Stainless Steel Framed Sliding Automatic Entrance	4,676.79	180.10
08 42 29 23-0031	EA	7'-0" x 6'-8" 2 Panel, Stainless Steel Framed Sliding Automatic Entrance	5,440.39	200.11
08 42 29 23-0032	EA	8'-0" x 6'-8" 2 Panel, Stainless Steel Framed Sliding Automatic Entrance	6,247.91	220.11
08 42 29 23-0033	EA	10'-0" x 6'-8" 2 Panel, Stainless Steel Framed Sliding Automatic Entrance	7,216.90	266.80
08 42 29 23-0034	EA	12'-0" x 6'-8" 2 Panel, Stainless Steel Framed Sliding Automatic Entrance	7,467.99	313.49
08 42 29 23-0035	EA	15'-0" x 6'-8" 2 Panel, Stainless Steel Framed Sliding Automatic Entrance	10,025.55	360.18

08 42 29 23-0036 4 Panel, Stainless Steel Framed Sliding Automatic Entrance *(08 42 29 23-0027)*

Note: Bi-parting.

08 42 29 23-0037	EA	12'-0" x 6'-8" 4 Panel, Stainless Steel Framed Sliding Automatic Entrance	8,420.84	333.50
08 42 29 23-0038	EA	16'-0" x 6'-8" 4 Panel, Stainless Steel Framed Sliding Automatic Entrance	10,043.46	400.20
08 42 29 23-0039	EA	20'-0" x 6'-8" 4 Panel, Stainless Steel Framed Sliding Automatic Entrance	14,315.69	466.90

08 42 29 23-0040 Accessories For Sliding Automatic Entrances *(08 42 29 23)*

See CSI section 08 42 29 33-0006 for eye operators.

08 42 29 23-0041	EA	Automatic 2 Panel Sliding Door Motor, Activation Eye Or Push Button Controls Note: Includes motor for pair of sliding doors (2 panels).	8,327.67	1,189.77
08 42 29 23-0042	EA	Automatic 4 Panel Sliding Door Motor, Activation Eye Or Push Button Controls Note: Includes motor for pair of sliding doors (4 panel).	14,122.44	1,784.66

08 42 29 33 Swinging Automatic Entrances *(08 42 29)*

Note: Excludes glazing.

08 42 29 33-0001 Swing Door Operators, Up To 350 LB Panel Weight *(08 42 29 33)*

Note: Includes electro-mechanical swinging door operator and electrical controls, aluminum header, connecting hardware, actuating controls, and on/off/hold open switch. Excludes activation device, doors, and power connection. Stanley Magic Force or equal.

08 42 29 33-0002	EA	Concealed Single Door Swing Door Operator, Up To 350 LB Panel Note: For new storefront or existing concealed operator installations.	4,346.83	579.52
08 42 29 33-0003	EA	Concealed Pair Of Doors Swing Door Operator, Up To 350 LB Panel Note: For new storefront or existing concealed operator installations.	7,535.31	772.73
08 42 29 33-0004	EA	Exposed Single Door Swing Door Operator, Up To 350 LB Panel	3,619.36	463.61
08 42 29 33-0005	EA	Exposed Pair Of Doors Swing Door Operator, Up To 350 LB Panel	6,542.68	695.42

08 42 29 33-0006 Activation Devices For Door Operators *(08 42 29 33)*

08 42 29 33-0007	EA	Overhead Active Infrared Presence Detector For Door Operators (MS Sedco DH97) Note: Includes wiring harness and relays.	379.82	46.36
08 42 29 33-0008	EA	On Door Active Infrared Presence Detector For Door Operator (Stanley Sentrex RS) Note: Includes wiring harness and relays.	339.12	46.36
08 42 29 33-0009	EA	Microwave Motion Sensor For Door Operator (MS Sedco D38) Note: Includes wiring harness and relays.	342.36	46.36
08 42 29 33-0010	EA	4" x 4", Americans With Disabilities Act Compliant Push Button For Door Operator (MS Sedco 59-H) Note: Excludes wiring from operator to push plate.	198.08	46.36
08 42 29 33-0011	EA	1-1/2" x 4", Americans With Disabilities Act Compliant Push Button For Door Operator (MS Sedco 59J-H) Note: Excludes wiring from operator to push button.	213.38	46.36
08 42 29 33-0012	EA	1-11/16" x 4-1/2", Jamb Mounted Push Button For Door Operator (MS Sedco 425) Note: Excludes wiring from operator to push button.	128.47	46.36
08 42 29 33-0013	EA	Radio Control System For Door Operator (MS Sedco Clearpath) Note: Includes receiver and two push plate transmitters.	621.07	115.91
		For Single Transmitter (Includes Receiver, One Push Plate Transmitter, And One Jamb Mounted Push Button), Deduct	*-64.00*	
08 42 29 33-0014	EA	Combination Digital Camera/Motion Detector For Door Operators (Stanley StanVision) Note: Includes wiring harness and relays.	803.41	57.95
08 42 29 33-0015	EA	Guard Rail For Door With Operator	252.14	57.95

08 42 33 Revolving Door Entrances *(08 42)*

08 42 33 00-0001 Aluminum Revolving Doors *(08 42 33)*

Note: Includes 3/4" tempered glass.

08 42 33 00-0002	EA	4'-6" To 5' Diameter Revolving Door 6'-10" To 7' High Door, Aluminum, With Frame And Hardware	37,609.80	6,358.51
		For Automatic Controls, Add	*8,347.21*	
		For Powder Coated, Add	*1,411.37*	
08 42 33 00-0003	EA	5'-6" To 6' Diameter Revolving Door 6'-10" To 7' High Door, Aluminum, With Frame And Hardware	51,129.95	9,537.91
		For Automatic Controls, Add	*10,095.82*	
		For Powder Coated, Add	*1,773.55*	
08 42 33 00-0004	EA	6'-6" To 7' Diameter Revolving Door 6'-10" To 7' High Door, Aluminum, With Frame And Hardware	76,865.50	11,445.43
		For Automatic Controls, Add	*11,144.99*	
		For Powder Coated, Add	*3,136.37*	
08 42 33 00-0005	EA	4'-6" To 5' Diameter Revolving Door 7'-2" To 8' High Door, Aluminum, With Frame And Hardware	41,835.10	6,994.30
		For Automatic Controls, Add	*8,704.07*	
		For Powder Coated, Add	*1,580.58*	
08 42 33 00-0006	EA	5'-6" To 6' Diameter Revolving Door 7'-2" To 8' High Door, Aluminum, With Frame And Hardware	56,568.88	10,492.02
		For Automatic Controls, Add	*10,572.71*	
		For Powder Coated, Add	*1,986.18*	
08 42 33 00-0007	EA	6'-6" To 7' Diameter Revolving Door 7'-2" To 8' High Door, Aluminum, With Frame And Hardware	85,829.70	12,589.98
		For Automatic Controls, Add	*11,844.43*	
		For Powder Coated, Add	*3,512.39*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 42 33 00-0008		**Stainless Steel Revolving Doors** *(08 42 33)* Note: Includes 3/4" tempered glass.		
08 42 33 00-0009	EA	4'-6" To 5' Diameter Revolving Door 6'-10" To 7' High Door, Stainless Steel, With Frame And Hardware	38,545.38	6,358.51
		For Automatic Controls, Add	*8,347.21*	
08 42 33 00-0010	EA	5'-6" To 6' Diameter Revolving Door 6'-10" To 7' High Door, Stainless Steel, With Frame And Hardware	52,305.62	9,537.91
		For Automatic Controls, Add	*10,095.82*	
08 42 33 00-0011	EA	6'-6" To 7' Diameter Revolving Door 6'-10" To 7' High Door, Stainless Steel, With Frame And Hardware	78,944.58	11,445.43
		For Automatic Controls, Add	*11,144.99*	
08 42 33 00-0012	EA	4'-6" To 5' Diameter Revolving Door 7'-2" To 8' High Door, Stainless Steel, With Frame And Hardware	42,885.34	6,994.30
		For Automatic Controls, Add	*8,704.07*	
08 42 33 00-0013	EA	5'-6" To 6' Diameter Revolving Door 7'-2" To 8' High Door, Stainless Steel, With Frame And Hardware	57,888.64	10,492.02
		For Automatic Controls, Add	*10,572.71*	
08 42 33 00-0014	EA	6'-6" To 7' Diameter Revolving Door 7'-2" To 8' High Door, Stainless Steel, With Frame And Hardware	88,163.58	12,589.98
		For Automatic Controls, Add	*11,844.43*	
08 42 33 00-0015		**Bronze Revolving Doors** *(08 42 33)* Note: Includes 3/4" tempered glass.		
08 42 33 00-0016	EA	4'-6" To 5' Diameter Revolving Door 6'-10" To 7' High Door, Bronze, With Frame And Hardware	35,245.93	6,358.51
		For Automatic Controls, Add	*8,347.21*	
08 42 33 00-0017	EA	5'-6" To 6' Diameter Revolving Door 6'-10" To 7' High Door, Bronze, With Frame And Hardware	48,159.48	9,537.91
		For Automatic Controls, Add	*10,095.82*	
08 42 33 00-0018	EA	6'-6" To 7' Diameter Revolving Door 6'-10" To 7' High Door, Bronze, With Frame And Hardware	71,612.46	11,445.43
		For Automatic Controls, Add	*11,144.99*	
08 42 33 00-0019	EA	4'-6" To 5' Diameter Revolving Door 7'-2" To 8' High Door, Bronze, With Frame And Hardware	39,189.96	6,994.30
		For Automatic Controls, Add	*8,704.07*	
08 42 33 00-0020	EA	5'-6" To 6' Diameter Revolving Door 7'-2" To 8' High Door, Bronze, With Frame And Hardware	53,244.96	10,492.02
		For Automatic Controls, Add	*10,572.71*	
08 42 33 00-0021	EA	6'-6" To 7' Diameter Revolving Door 7'-2" To 8' High Door, Bronze, With Frame And Hardware	79,951.61	12,589.98
		For Automatic Controls, Add	*11,844.43*	
08 42 36		**Balanced Door Entrances** *(08 42)*		
08 42 36 00-0001		**Balanced Doors, With Glass** *(08 42 36)* Note: Includes 3/4" tempered glass, check and door guide, top pivot with bearing, torsion bar closer spring, bottom arm, semi-automatic hold open device, floor box, door roller guide, bottom pivot, top arm.		
08 42 36 00-0002	EA	2'-6" x 7'-0" Balanced Door, Stainless Steel	15,076.12	360.86
		For Bronze Instead Of Stainless Steel, Deduct	*-3,543.42*	
		For 70% Fluoropolymer Exterior Finish (Duranar), Add	*1,417.37*	
		For Tinted Glass, Add	*708.68*	
		For Aluminum, Painted Finish, Deduct	*-4,252.10*	
08 42 36 00-0003	EA	3'-0" x 7'-0" Balanced Door, Stainless Steel	15,651.72	360.86
		For Bronze Instead Of Stainless Steel, Deduct	*-3,687.32*	
		For 70% Fluoropolymer Exterior Finish (Duranar), Add	*1,474.93*	
		For Tinted Glass, Add	*737.46*	
		For Aluminum, Painted Finish, Deduct	*-4,424.78*	
08 42 36 00-0004	EA	3'-6" x 7'-0" Balanced Door, Stainless Steel	17,049.69	360.86
		For Bronze Instead Of Stainless Steel, Deduct	*-4,036.81*	
		For 70% Fluoropolymer Exterior Finish (Duranar), Add	*1,614.73*	
		For Tinted Glass, Add	*807.36*	
		For Aluminum, Painted Finish, Deduct	*-4,844.18*	
08 42 36 00-0005	EA	4'-0" x 7'-0" Balanced Door, Stainless Steel	18,694.39	360.86
		For Bronze Instead Of Stainless Steel, Deduct	*-4,447.99*	
		For 70% Fluoropolymer Exterior Finish (Duranar), Add	*1,779.20*	
		For Tinted Glass, Add	*889.60*	
		For Aluminum, Painted Finish, Deduct	*-5,337.59*	
08 42 36 00-0006	PR	Pair 3'-0" x 7'-0" Balanced Door, Stainless Steel	31,213.24	685.86
		For Bronze Instead Of Stainless Steel, Deduct	*-7,374.65*	
		For 70% Fluoropolymer Exterior Finish (Duranar), Add	*2,949.86*	
		For Tinted Glass, Add	*1,474.93*	
		For Aluminum, Painted Finish, Deduct	*-8,849.58*	
08 43		**Storefronts** *(08 40)*		
08 43 13		**Aluminum-Framed Storefronts** *(08 43)*		
08 43 13 00-0001		**Aluminum Storefront Framing Assembly** *(08 43 13)* Note: Includes frames, fasteners and accessories. Excludes steel reinforcement, doors (revolving, full-glass, balanced, sliding, bi-parting, etc.) and glazing. See CSI section 08 43 13 00-0083 for reinforcing steel (where required), 08 81 23 23-0012 for tempered glazing, 08 81 23 23-0047 for laminated glazing, 08 81 23 23-0053 for insulated glazing.		
08 43 13 00-0002		**1-3/4" x 4-1/2" Frame, Aluminum Storefront Framing Assembly** *(08 43 13 00-0001)* Note: Includes subsill flashing, clear class II finish frames (sill, head jamb, vertical wall jamb), fasteners, caulking and accessories. Excludes steel reinforcement, doors (revolving, full-glass, balanced, sliding, bi-parting, etc.) and glazing.		
08 43 13 00-0003	SF	5' High, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	30.60	9.79
		For Various Color Class I Anodized Finish, Add	*0.95*	
		For Black Color Class I Anodized Finish, Add	*2.84*	
08 43 13 00-0004	SF	6' High, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	27.50	8.81
		For Various Color Class I Anodized Finish, Add	*0.85*	
		For Black Color Class I Anodized Finish, Add	*2.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 43 13 00-0005	SF	7' High, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	25.28	8.13
		For Various Color Class I Anodized Finish, Add	*0.78*	
		For Black Color Class I Anodized Finish, Add	*2.33*	
08 43 13 00-0006	SF	8' High, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	23.63	7.61
		For Various Color Class I Anodized Finish, Add	*0.73*	
		For Black Color Class I Anodized Finish, Add	*2.18*	
08 43 13 00-0007	SF	9' High, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	22.35	7.20
		For Various Color Class I Anodized Finish, Add	*0.69*	
		For Black Color Class I Anodized Finish, Add	*2.06*	
08 43 13 00-0008	SF	10' High, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	21.32	6.88
		For Various Color Class I Anodized Finish, Add	*0.65*	
		For Black Color Class I Anodized Finish, Add	*1.96*	
08 43 13 00-0009	SF	11' High, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	20.47	6.62
		For Various Color Class I Anodized Finish, Add	*0.63*	
		For Black Color Class I Anodized Finish, Add	*1.88*	
08 43 13 00-0010	SF	12' High, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	19.77	6.39
		For Various Color Class I Anodized Finish, Add	*0.60*	
		For Black Color Class I Anodized Finish, Add	*1.81*	

08 43 13 00-0011 1-3/4" x 4-1/2" Frame With Horizontal Mullion, Aluminum Storefront Framing Assembly *(08 43 13 00-0001)*

Note: Includes subsill flashing, clear class II finish frames (sill, head jamb, vertical wall jamb, single horizontal mullion), fasteners, caulking and accessories. Excludes steel reinforcement, doors (revolving, full-glass, balanced, sliding, bi-parting, etc.) and glazing.

08 43 13 00-0012	SF	5' High With Horizontal Mullion, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	39.92	12.81
		For Various Color Class I Anodized Finish, Add	*1.23*	
		For Black Color Class I Anodized Finish, Add	*3.70*	
08 43 13 00-0013	SF	6' High With Horizontal Mullion, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	35.22	11.34
		For Various Color Class I Anodized Finish, Add	*1.09*	
		For Black Color Class I Anodized Finish, Add	*3.27*	
08 43 13 00-0014	SF	7' High, With Horizontal Mullion, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	32.02	10.27
		For Various Color Class I Anodized Finish, Add	*0.99*	
		For Black Color Class I Anodized Finish, Add	*2.96*	
08 43 13 00-0015	SF	8' High, With Horizontal Mullion, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	29.53	9.47
		For Various Color Class I Anodized Finish, Add	*0.91*	
		For Black Color Class I Anodized Finish, Add	*2.72*	
08 43 13 00-0016	SF	9' High, With Horizontal Mullion, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	27.58	8.80
		For Various Color Class I Anodized Finish, Add	*0.85*	
		For Black Color Class I Anodized Finish, Add	*2.54*	
08 43 13 00-0017	SF	10' High, With Horizontal Mullion, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	25.98	8.40
		For Various Color Class I Anodized Finish, Add	*0.80*	
		For Black Color Class I Anodized Finish, Add	*2.39*	
08 43 13 00-0018	SF	11' High, With Horizontal Mullion, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	24.78	8.01
		For Various Color Class I Anodized Finish, Add	*0.76*	
		For Black Color Class I Anodized Finish, Add	*2.28*	
08 43 13 00-0019	SF	12' High, With Horizontal Mullion, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	23.70	7.61
		For Various Color Class I Anodized Finish, Add	*0.73*	
		For Black Color Class I Anodized Finish, Add	*2.18*	

08 43 13 00-0020 1-3/4" x 4-1/2" Frame With Two Horizontal Mullions, Aluminum Storefront Framing Assembly *(08 43 13 00-0001)*

Note: Includes subsill flashing, clear class II finish frames (sill, head jamb, vertical wall jamb, two horizontal mullion), fasteners, caulking and accessories. Excludes steel reinforcement, doors (revolving, full-glass, balanced, sliding, bi-parting, etc.) and glazing.

08 43 13 00-0021	SF	5' High With Two Horizontal Mullions, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	49.26	15.74
		For Various Color Class I Anodized Finish, Add	*1.52*	
		For Black Color Class I Anodized Finish, Add	*4.57*	
08 43 13 00-0022	SF	6' High With Two Horizontal Mullions, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	43.12	13.74
		For Various Color Class I Anodized Finish, Add	*1.33*	
		For Black Color Class I Anodized Finish, Add	*3.99*	
08 43 13 00-0023	SF	7' High, With Two Horizontal Mullions, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	38.67	12.40
		For Various Color Class I Anodized Finish, Add	*1.19*	
		For Black Color Class I Anodized Finish, Add	*3.57*	
08 43 13 00-0024	SF	8' High, With Two Horizontal Mullions, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	35.33	11.34
		For Various Color Class I Anodized Finish, Add	*1.09*	
		For Black Color Class I Anodized Finish, Add	*3.26*	
08 43 13 00-0025	SF	9' High, With Two Horizontal Mullions, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	32.67	10.54
		For Various Color Class I Anodized Finish, Add	*1.01*	
		For Black Color Class I Anodized Finish, Add	*3.02*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 43 13 00-0026	SF	10' High, With Two Horizontal Mullions, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	30.65	9.87
		For Various Color Class I Anodized Finish, Add	*0.94*	
		For Black Color Class I Anodized Finish, Add	*2.83*	
08 43 13 00-0027	SF	11' High, With Two Horizontal Mullions, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	28.98	9.34
		For Various Color Class I Anodized Finish, Add	*0.89*	
		For Black Color Class I Anodized Finish, Add	*2.67*	
08 43 13 00-0028	SF	12' High, With Two Horizontal Mullions, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	27.57	8.93
		For Various Color Class I Anodized Finish, Add	*0.85*	
		For Black Color Class I Anodized Finish, Add	*2.54*	

08 43 13 00-0029 2" x 4-1/2" Frame, Aluminum Storefront Framing Assembly *(08 43 13 00-0001)*

Note: Includes subsill flashing, clear class II finish frames (sill, head jamb, vertical wall jamb), fasteners, caulking and accessories. Excludes steel reinforcement, doors (revolving, full-glass, balanced, sliding, bi-parting, etc.) and glazing.

08 43 13 00-0030	SF	5' High, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	31.57	10.27
		For Various Color Class I Anodized Finish, Add	*0.97*	
		For Black Color Class I Anodized Finish, Add	*2.90*	
08 43 13 00-0031	SF	6' High, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	28.39	9.21
		For Various Color Class I Anodized Finish, Add	*0.86*	
		For Black Color Class I Anodized Finish, Add	*2.59*	
08 43 13 00-0032	SF	7' High, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	25.98	8.54
		For Various Color Class I Anodized Finish, Add	*0.79*	
		For Black Color Class I Anodized Finish, Add	*2.37*	
08 43 13 00-0033	SF	8' High, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	24.25	8.01
		For Various Color Class I Anodized Finish, Add	*0.74*	
		For Black Color Class I Anodized Finish, Add	*2.21*	
08 43 13 00-0034	SF	9' High, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	22.88	7.47
		For Various Color Class I Anodized Finish, Add	*0.69*	
		For Black Color Class I Anodized Finish, Add	*2.08*	
08 43 13 00-0035	SF	10' High, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	21.91	7.20
		For Various Color Class I Anodized Finish, Add	*0.66*	
		For Black Color Class I Anodized Finish, Add	*1.97*	
08 43 13 00-0036	SF	11' High, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	20.91	6.94
		For Various Color Class I Anodized Finish, Add	*0.63*	
		For Black Color Class I Anodized Finish, Add	*1.89*	
08 43 13 00-0037	SF	12' High, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	20.26	6.67
		For Various Color Class I Anodized Finish, Add	*0.61*	
		For Black Color Class I Anodized Finish, Add	*1.82*	

08 43 13 00-0038 2" x 4-1/2" Frame With Horizontal Mullion, Aluminum Storefront Framing Assembly *(08 43 13 00-0001)*

Note: Includes subsill flashing, clear class II finish frames (sill, head jamb, vertical wall jamb, single horizontal mullion), fasteners, caulking and accessories. Excludes steel reinforcement, doors (revolving, full-glass, balanced, sliding, bi-parting, etc.) and glazing.

08 43 13 00-0039	SF	5' High With Horizontal Mullion, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	42.00	13.87
		For Various Color Class I Anodized Finish, Add	*1.26*	
		For Black Color Class I Anodized Finish, Add	*3.77*	
08 43 13 00-0040	SF	6' High With Horizontal Mullion, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	36.95	12.27
		For Various Color Class I Anodized Finish, Add	*1.10*	
		For Black Color Class I Anodized Finish, Add	*3.31*	
08 43 13 00-0041	SF	7' High With Horizontal Mullion, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	33.42	11.08
		For Various Color Class I Anodized Finish, Add	*1.00*	
		For Black Color Class I Anodized Finish, Add	*2.99*	
08 43 13 00-0042	SF	8' High With Horizontal Mullion, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	30.74	10.27
		For Various Color Class I Anodized Finish, Add	*0.92*	
		For Black Color Class I Anodized Finish, Add	*2.75*	
08 43 13 00-0043	SF	9' High With Horizontal Mullion, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	28.76	9.61
		For Various Color Class I Anodized Finish, Add	*0.85*	
		For Black Color Class I Anodized Finish, Add	*2.56*	
08 43 13 00-0044	SF	10' High With Horizontal Mullion, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	26.98	9.07
		For Various Color Class I Anodized Finish, Add	*0.80*	
		For Black Color Class I Anodized Finish, Add	*2.41*	
08 43 13 00-0045	SF	11' High With Horizontal Mullion, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	25.64	8.54
		For Various Color Class I Anodized Finish, Add	*0.76*	
		For Black Color Class I Anodized Finish, Add	*2.29*	
08 43 13 00-0046	SF	12' High With Horizontal Mullion, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	24.53	8.14
		For Various Color Class I Anodized Finish, Add	*0.73*	
		For Black Color Class I Anodized Finish, Add	*2.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 43 13 00-0047		**2" x 4-1/2" Frame With Two Horizontal Mullions, Aluminum Storefront Framing Assembly** *(08 43 13 00-0001)* Note: Includes subsill flashing, clear class II finish frames (sill, head jamb, vertical wall jamb, two horizontal mullion), fasteners, caulking and accessories. Excludes steel reinforcement, doors (revolving, full-glass, balanced, sliding, bi-parting, etc.) and glazing.		
08 43 13 00-0048	SF	5' High With Two Horizontal Mullions, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	50.69	16.54
		For Various Color Class I Anodized Finish, Add	*1.54*	
		For Black Color Class I Anodized Finish, Add	*4.63*	
08 43 13 00-0049	SF	6' High With Two Horizontal Mullions, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	44.30	14.41
		For Various Color Class I Anodized Finish, Add	*1.35*	
		For Black Color Class I Anodized Finish, Add	*4.04*	
08 43 13 00-0050	SF	7' High With Two Horizontal Mullions, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	39.67	12.94
		For Various Color Class I Anodized Finish, Add	*1.20*	
		For Black Color Class I Anodized Finish, Add	*3.61*	
08 43 13 00-0051	SF	8' High With Two Horizontal Mullions, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	36.29	11.87
		For Various Color Class I Anodized Finish, Add	*1.10*	
		For Black Color Class I Anodized Finish, Add	*3.29*	
08 43 13 00-0052	SF	9' High With Two Horizontal Mullions, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	33.57	10.94
		For Various Color Class I Anodized Finish, Add	*1.01*	
		For Black Color Class I Anodized Finish, Add	*3.04*	
08 43 13 00-0053	SF	10' High With Two Horizontal Mullions, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	31.39	10.27
		For Various Color Class I Anodized Finish, Add	*0.95*	
		For Black Color Class I Anodized Finish, Add	*2.84*	
08 43 13 00-0054	SF	11' High With Two Horizontal Mullions, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	29.70	9.74
		For Various Color Class I Anodized Finish, Add	*0.89*	
		For Black Color Class I Anodized Finish, Add	*2.68*	
08 43 13 00-0055	SF	12' High With Two Horizontal Mullions, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	28.14	9.34
		For Various Color Class I Anodized Finish, Add	*0.85*	
		For Black Color Class I Anodized Finish, Add	*2.55*	
08 43 13 00-0056		**2-1/2" x 5" Frame, Aluminum Storefront Framing Assembly** *(08 43 13 00-0001)* Note: Includes subsill flashing, clear class II finish frames (sill, head jamb, vertical wall jamb), fasteners, caulking and accessories. Excludes steel reinforcement, doors (revolving, full-glass, balanced, sliding, bi-parting, etc.) and glazing.		
08 43 13 00-0057	SF	5' High, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	38.58	10.54
		For Various Color Class I Anodized Finish, Add	*1.36*	
		For Black Color Class I Anodized Finish, Add	*4.09*	
08 43 13 00-0058	SF	6' High, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	34.70	9.47
		For Various Color Class I Anodized Finish, Add	*1.23*	
		For Black Color Class I Anodized Finish, Add	*3.68*	
08 43 13 00-0059	SF	7' High, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	32.00	8.67
		For Various Color Class I Anodized Finish, Add	*1.13*	
		For Black Color Class I Anodized Finish, Add	*3.38*	
08 43 13 00-0060	SF	8' High, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	29.97	8.14
		For Various Color Class I Anodized Finish, Add	*1.05*	
		For Black Color Class I Anodized Finish, Add	*3.16*	
08 43 13 00-0061	SF	9' High, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	28.36	7.74
		For Various Color Class I Anodized Finish, Add	*1.00*	
		For Black Color Class I Anodized Finish, Add	*2.99*	
08 43 13 00-0062	SF	10' High, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	27.07	7.33
		For Various Color Class I Anodized Finish, Add	*0.95*	
		For Black Color Class I Anodized Finish, Add	*2.85*	
08 43 13 00-0063	SF	11' High, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	26.04	7.07
		For Various Color Class I Anodized Finish, Add	*0.91*	
		For Black Color Class I Anodized Finish, Add	*2.74*	
08 43 13 00-0064	SF	12' High, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	25.11	6.80
		For Various Color Class I Anodized Finish, Add	*0.88*	
		For Black Color Class I Anodized Finish, Add	*2.65*	
08 43 13 00-0065		**2-1/2" x 5" Frame With Horizontal Mullion, Aluminum Storefront Framing Assembly** *(08 43 13 00-0001)* Note: Includes subsill flashing, clear class II finish frames (sill, head jamb, vertical wall jamb, single horizontal mullion), fasteners, caulking and accessories. Excludes steel reinforcement, doors (revolving, full-glass, balanced, sliding, bi-parting, etc.) and glazing.		
08 43 13 00-0066	SF	5' High with Horizontal Mullion, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	51.04	14.15
		For Various Color Class I Anodized Finish, Add	*1.77*	
		For Black Color Class I Anodized Finish, Add	*5.32*	
08 43 13 00-0067	SF	6' High with Horizontal Mullion, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	45.08	12.54
		For Various Color Class I Anodized Finish, Add	*1.57*	
		For Black Color Class I Anodized Finish, Add	*4.71*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 43 13 00-0068	SF	7' High with Horizontal Mullion, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	40.89	11.34
		For Various Color Class I Anodized Finish, Add	*1.42*	
		For Black Color Class I Anodized Finish, Add	*4.26*	
08 43 13 00-0069	SF	8' High with Horizontal Mullion, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	37.74	10.40
		For Various Color Class I Anodized Finish, Add	*1.31*	
		For Black Color Class I Anodized Finish, Add	*3.93*	
08 43 13 00-0070	SF	9' High with Horizontal Mullion, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	35.24	9.74
		For Various Color Class I Anodized Finish, Add	*1.23*	
		For Black Color Class I Anodized Finish, Add	*3.68*	
08 43 13 00-0071	SF	10' High with Horizontal Mullion, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	33.29	9.21
		For Various Color Class I Anodized Finish, Add	*1.16*	
		For Black Color Class I Anodized Finish, Add	*3.47*	
08 43 13 00-0072	SF	11' High with Horizontal Mullion, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	31.69	8.80
		For Various Color Class I Anodized Finish, Add	*1.10*	
		For Black Color Class I Anodized Finish, Add	*3.30*	
08 43 13 00-0073	SF	12' High with Horizontal Mullion, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	30.25	8.40
		For Various Color Class I Anodized Finish, Add	*1.05*	
		For Black Color Class I Anodized Finish, Add	*3.16*	

08 43 13 00-0074 2-1/2" x 5" Frame With Two Horizontal Mullions, Aluminum Storefront Framing Assembly *(08 43 13 00-0001)*

Note: Includes subsill flashing, clear class II finish frames (sill, head jamb, vertical wall jamb, two horizontal mullion), fasteners, caulking and accessories. Excludes steel reinforcement, doors (revolving, full-glass, balanced, sliding, bi-parting, etc.) and glazing.

08 43 13 00-0075	SF	5' High With Two Horizontal Mullions, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	61.38	16.54
		For Various Color Class I Anodized Finish, Add	*2.19*	
		For Black Color Class I Anodized Finish, Add	*6.56*	
08 43 13 00-0076	SF	6' High With Two Horizontal Mullions, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	54.00	14.68
		For Various Color Class I Anodized Finish, Add	*1.91*	
		For Black Color Class I Anodized Finish, Add	*5.73*	
08 43 13 00-0077	SF	7' High With Two Horizontal Mullions, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	48.47	13.21
		For Various Color Class I Anodized Finish, Add	*1.72*	
		For Black Color Class I Anodized Finish, Add	*5.15*	
08 43 13 00-0078	SF	8' High With Two Horizontal Mullions, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	44.43	12.00
		For Various Color Class I Anodized Finish, Add	*1.57*	
		For Black Color Class I Anodized Finish, Add	*4.71*	
08 43 13 00-0079	SF	9' High With Two Horizontal Mullions, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	41.18	11.21
		For Various Color Class I Anodized Finish, Add	*1.45*	
		For Black Color Class I Anodized Finish, Add	*4.36*	
08 43 13 00-0080	SF	10' High With Two Horizontal Mullions, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	38.60	10.54
		For Various Color Class I Anodized Finish, Add	*1.36*	
		For Black Color Class I Anodized Finish, Add	*4.09*	
08 43 13 00-0081	SF	11' High With Two Horizontal Mullions, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	36.41	9.87
		For Various Color Class I Anodized Finish, Add	*1.29*	
		For Black Color Class I Anodized Finish, Add	*3.86*	
08 43 13 00-0082	SF	12' High With Two Horizontal Mullions, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly	34.71	9.47
		For Various Color Class I Anodized Finish, Add	*1.23*	
		For Black Color Class I Anodized Finish, Add	*3.68*	

08 43 13 00-0083 Accessories For Aluminum Storefront Framing Assembly *(08 43 13 00-0001)*

08 43 13 00-0084	LF	For 3/4" x 4-3/16" x 10 Gauge Galvanized Steel Reinforcing, Storefront Framing	39.60	8.87
08 43 13 00-0085	LF	For 1-1/4" x 4-3/16" x 10 Gauge Galvanized Steel Reinforcing, Storefront Framing	45.01	9.77
08 43 13 00-0086	LF	For 1-7/16" x 4-5/8" x 1/4" Steel Reinforcing, Storefront Framing	67.38	10.73

08 43 19 Stainless-Steel-Framed Storefronts *(08 43)*

08 43 19 00-0001 Stainless Steel Storefront Framing Assembly *(08 43 19)*

Note: Includes frames, reinforcing and accessories. Excludes doors (revolving, full-glass, balanced, sliding, bi-parting, etc.) and glazing. Per SF of opening area. See CSI section 08 81 23 23-0053 for insulated glazing.

08 43 19 00-0002	SF	Stainless Steel Storefront Framing Assembly	57.02	6.67
		For 70% Fluoropolymer Exterior Finish (Duranar), Add	*4.69*	

08 44 Curtain Wall and Glazed Assemblies *(08 40)*

08 44 13 Glazed Aluminum Curtain Walls *(08 44)*

08 44 13 00-0001 Curtain Walls *(08 44 13)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

08 44 13 00-0002 Coping Sections *(08 44 13 00-0001)*

08 44 13 00-0003	LF	Curtain Wall, 1/8" x 8" Coping Section Shaped (3") Aluminum System Framing Section	75.82	4.00
		For Bronze Anodized Aluminum, Add	*7.86*	
		For Stainless Steel, Add	*32.62*	
		For Black Anodized Finish, Add	*14.15*	
08 44 13 00-0004	LF	Curtain Wall, 1/8" x 9" Coping Section Shaped (4") Aluminum System Framing Section	78.62	4.00
		For Bronze Anodized Aluminum, Add	*8.28*	
		For Stainless Steel, Add	*34.30*	
		For Black Anodized Finish, Add	*14.91*	
08 44 13 00-0005	LF	Curtain Wall, 1/8" x 12-1/2" Coping Section Shaped (5-1/2") Aluminum Framing Section	94.69	5.33
		For Bronze Anodized Aluminum, Add	*9.83*	
		For Stainless Steel, Add	*40.78*	
		For Black Anodized Finish, Add	*17.69*	

08 44 13 00-0006 Sill Section *(08 44 13 00-0001)*

08 44 13 00-0007	LF	Aluminum Curtain Wall, 1/8" x 6" Sill Section Shaped Aluminum System Framing Section	58.21	2.67
		For Bronze Anodized Aluminum, Add	*6.26*	
		For Stainless Steel, Add	*25.87*	
		For Black Anodized Finish, Add	*11.27*	
08 44 13 00-0008	LF	Aluminum Curtain Wall, 1/8" x 7" Sill Section Shaped Aluminum System Framing Section	62.67	2.67
		For Bronze Anodized Aluminum, Add	*6.93*	
		For Stainless Steel, Add	*28.54*	
		For Black Anodized Finish, Add	*12.47*	
08 44 13 00-0009	LF	Aluminum Curtain Wall, 1/8" x 8-1/2" Sill Section Shaped Aluminum System Framing Section	67.18	2.67
		For Bronze Anodized Aluminum, Add	*7.61*	
		For Stainless Steel, Add	*31.25*	
		For Black Anodized Finish, Add	*13.69*	

08 44 13 00-0010 Aluminum Column Covers *(08 44 13 00-0001)*

Note: Includes all clips and fasteners.

08 44 13 00-0011	LF	Aluminum Column Covers, 1/8" x 26", Shaped	152.09	6.67
		For Bronze Anodized Aluminum, Add	*17.18*	
		For Stainless Steel, Add	*70.59*	
		For Black Anodized Finish, Add	*30.92*	
08 44 13 00-0012	LF	Aluminum Column Covers, 1/8" x 34", Shaped	186.01	6.67
		For Bronze Anodized Aluminum, Add	*21.93*	
		For Stainless Steel, Add	*89.71*	
		For Black Anodized Finish, Add	*39.47*	
08 44 13 00-0013	LF	Aluminum Column Covers, 1/8" x 38", Shaped	198.98	6.67
		For Bronze Anodized Aluminum, Add	*23.87*	
		For Stainless Steel, Add	*97.49*	
		For Black Anodized Finish, Add	*42.97*	

08 44 13 00-0014 Spandrel Covers *(08 44 13 00-0001)*

Note: Where exterior facing only is described in the following the interior face will be tempered hardboard (to be painted).

08 44 13 00-0015	SF	1" Spandrel Cover, Aluminum Both Faces	60.87	2.67
		For Bronze Anodized Aluminum, Add	*7.45*	
		For Stainless Steel, Add	*30.36*	
		For Black Anodized Finish, Add	*13.41*	
08 44 13 00-0016	SF	1" Spandrel Cover, Aluminum Exterior Face	53.50	2.67
		For Bronze Anodized Aluminum, Add	*6.34*	
		For Stainless Steel, Add	*25.93*	
		For Black Anodized Finish, Add	*11.42*	
08 44 13 00-0017	SF	1" Spandrel Cover, Epoxy Both Faces	114.52	2.67
		For Bronze Anodized Aluminum, Add	*15.50*	
		For Stainless Steel, Add	*62.55*	
		For Black Anodized Finish, Add	*27.89*	
08 44 13 00-0018	SF	1" Spandrel Cover, Epoxy Exterior Face Only	93.74	2.67
		For Bronze Anodized Aluminum, Add	*12.38*	
		For Stainless Steel, Add	*50.08*	
		For Black Anodized Finish, Add	*22.28*	
08 44 13 00-0019	SF	2" Spandrel Cover, Aluminum Both Faces	68.60	2.67
		For Bronze Anodized Aluminum, Add	*8.17*	
		For Stainless Steel, Add	*33.39*	
		For Black Anodized Finish, Add	*14.71*	
08 44 13 00-0020	SF	2" Spandrel Cover, Aluminum Exterior Face	61.62	2.67
		For Bronze Anodized Aluminum, Add	*7.13*	
		For Stainless Steel, Add	*29.21*	
		For Black Anodized Finish, Add	*12.83*	
08 44 13 00-0021	SF	2" Spandrel Cover, Epoxy Both Faces	131.03	2.67
		For Bronze Anodized Aluminum, Add	*17.54*	
		For Stainless Steel, Add	*70.85*	
		For Black Anodized Finish, Add	*31.57*	
08 44 13 00-0022	SF	2" Spandrel Cover, Epoxy Exterior Face Only	107.06	2.67
		For Bronze Anodized Aluminum, Add	*13.94*	
		For Stainless Steel, Add	*56.47*	
		For Black Anodized Finish, Add	*25.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 44 13 00-0023		**Curtain Wall, Aluminum System Framing Sections** *(08 44 13 00-0001)*		
		Note: The prices are based on stock shapes of anodized aluminum, plain color and of 0.125" thickness.		
08 44 13 00-0024	LF	Aluminum System Curtain Wall, 1-1/2" x 3" Jamb Aluminum Framed Window Walls	81.35	2.67
		For Bronze Anodized Aluminum, Add	*10.62*	
		For Stainless Steel, Add	*42.99*	
		For Black Anodized Finish, Add	*19.11*	
08 44 13 00-0025	LF	Aluminum System Curtain Wall, 1-1/2" x 3" Head Aluminum Framed Window Walls	81.15	2.67
		For Bronze Anodized Aluminum, Add	*10.62*	
		For Stainless Steel, Add	*42.98*	
		For Black Anodized Finish, Add	*19.11*	
08 44 13 00-0026	LF	Aluminum System Curtain Wall, 1-1/2" x 3" Mullion Aluminum Framed Window Walls	81.15	2.67
		For Bronze Anodized Aluminum, Add	*10.62*	
		For Stainless Steel, Add	*42.98*	
		For Black Anodized Finish, Add	*19.11*	
		For Corner Mullion, Add	*19.25*	
08 44 13 00-0027	LF	Aluminum System Curtain Wall, 2" x 4" Jamb Aluminum Framed Window Walls	100.57	5.33
		For Bronze Anodized Aluminum, Add	*12.68*	
		For Stainless Steel, Add	*51.54*	
		For Black Anodized Finish, Add	*22.83*	
08 44 13 00-0028	LF	Aluminum System Curtain Wall, 2" x 4" Horizontal Aluminum Framed Window Walls	100.57	5.33
		For Bronze Anodized Aluminum, Add	*12.68*	
		For Stainless Steel, Add	*51.54*	
		For Black Anodized Finish, Add	*22.83*	
08 44 13 00-0029	LF	Aluminum System Curtain Wall, 2" x 4" Mullion Aluminum Framed Window Walls	100.57	5.33
		For Bronze Anodized Aluminum, Add	*12.68*	
		For Stainless Steel, Add	*51.54*	
		For Black Anodized Finish, Add	*22.83*	
		For Corner Mullion, Add	*23.54*	
08 44 13 00-0030	LF	Aluminum System Curtain Wall, 2" x 6" Jamb Aluminum Framed Window Walls	110.46	5.87
		For Bronze Anodized Aluminum, Add	*13.90*	
		For Stainless Steel, Add	*56.49*	
		For Black Anodized Finish, Add	*25.02*	
08 44 13 00-0031	LF	Aluminum System Curtain Wall, 2" x 6" Horizontal Aluminum Framed Window Walls	110.46	5.87
		For Bronze Anodized Aluminum, Add	*13.90*	
		For Stainless Steel, Add	*56.49*	
		For Black Anodized Finish, Add	*25.02*	
08 44 13 00-0032	LF	Aluminum System Curtain Wall, 2" x 6" Mullion Aluminum Framed Window Walls	110.46	5.87
		For Bronze Anodized Aluminum, Add	*13.90*	
		For Stainless Steel, Add	*56.49*	
		For Black Anodized Finish, Add	*25.02*	
		For Corner Mullion, Add	*25.84*	
08 44 13 00-0033	LF	Aluminum System Curtain Wall, 3" x 5-1/2" Jamb Aluminum Framed Window Walls	120.59	6.67
		For Bronze Anodized Aluminum, Add	*15.12*	
		For Stainless Steel, Add	*61.49*	
		For Black Anodized Finish, Add	*27.22*	
08 44 13 00-0034	LF	Aluminum System Curtain Wall, 3" x 5-1/2" Horizontal Aluminum Framed Window Walls	120.59	6.67
		For Bronze Anodized Aluminum, Add	*15.12*	
		For Stainless Steel, Add	*61.49*	
		For Black Anodized Finish, Add	*27.22*	
08 44 13 00-0035	LF	Aluminum System Curtain Wall, 3" x 5-1/2" Mullion Aluminum Framed Window Walls	120.59	6.67
		For Bronze Anodized Aluminum, Add	*15.12*	
		For Stainless Steel, Add	*61.49*	
		For Black Anodized Finish, Add	*27.22*	
		For Corner Mullion, Add	*28.17*	
08 44 13 00-0036	LF	Aluminum System Curtain Wall, 3" x 6-3/4" Jamb Aluminum Framed Window Walls	135.29	7.20
		For Bronze Anodized Aluminum, Add	*17.06*	
		For Stainless Steel, Add	*69.31*	
		For Black Anodized Finish, Add	*30.70*	
08 44 13 00-0037	LF	Aluminum System Curtain Wall, 3" x 6-3/4" Horizontal Aluminum Framed Window Walls	135.29	7.20
		For Bronze Anodized Aluminum, Add	*17.06*	
		For Stainless Steel, Add	*69.31*	
		For Black Anodized Finish, Add	*30.70*	
08 44 13 00-0038	LF	Aluminum System Curtain Wall, 3" x 6-3/4" Mullion Aluminum Framed Window Walls	135.29	7.20
		For Bronze Anodized Aluminum, Add	*17.06*	
		For Stainless Steel, Add	*69.31*	
		For Black Anodized Finish, Add	*30.70*	
		For Corner Mullion, Add	*31.67*	
08 44 13 00-0039	LF	Aluminum System Curtain Wall, 3" x 8-3/4" Jamb Aluminum Framed Window Walls	155.31	8.01
		For Bronze Anodized Aluminum, Add	*19.58*	
		For Stainless Steel, Add	*79.57*	
		For Black Anodized Finish, Add	*35.25*	
08 44 13 00-0040	LF	Aluminum System Curtain Wall, 3" x 8-3/4" Horizontal Aluminum Framed Window Walls	155.31	8.01
		For Bronze Anodized Aluminum, Add	*19.58*	
		For Stainless Steel, Add	*79.57*	
		For Black Anodized Finish, Add	*35.25*	
08 44 13 00-0041	LF	Aluminum System Curtain Wall, 3" x 8-3/4" Mullion Aluminum Framed Window Walls	155.31	8.01
		For Bronze Anodized Aluminum, Add	*19.58*	
		For Stainless Steel, Add	*79.57*	
		For Black Anodized Finish, Add	*35.25*	
		For Corner Mullion, Add	*36.35*	

08 50 Windows *(08)*

Note: Includes hardware, caulk, sealant and mounting anchors. Operable windows include weather stripping. Demolition includes removal of frame, glass and insect screens.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

08 51 Metal Windows *(08 50)*

08 51 13 Aluminum Windows *(08 51)*

See CSI section 08 80 00 00-0000 for glazing.

08 51 13 00-0001 Aluminum Windows And Accessories *(08 51 13)*

Note: Window replacement includes aluminum trim and panning

08 51 13 00-0002 Heavy Commercial, Minimum Rating Of HC 40 *(08 51 13 00-0001)*

Note: Double glazed insulated window (glazing included). Traco series 9000 or equal

08 51 13 00-0003	SF	Double Hung Window, Aluminum, With Insulated Glazing, HC 40	202.27	25.08
		For Colored Anodized Finish, Add	*2.03*	
		For 70% Fluoropolymer Exterior Finish (Duranar), Add	*2.44*	
		For Steel Window Replacement, Add	*1.80*	
		For Single 1/4" Glazing, Deduct	*-0.50*	
		For Tinted Glazing, Add	*1.00*	
		For Tempered Glazing, Add	*2.40*	
		For Low-E Glazing, Add	*1.08*	
		For Blinds, Add	*13.75*	
		For Muntins In Glass, Add	*1.13*	
		For Muntins External, Add	*5.25*	
		For > 40 To 100, Deduct	*-36.11*	
		For > 100 To 400, Deduct	*-72.22*	
		For > 400 To 800, Deduct	*-101.11*	
		For > 800 To 1000, Deduct	*-105.93*	
		For > 1000 To 2000, Deduct	*-110.74*	
		For > 2000 To 4000, Deduct	*-115.56*	
		For > 4000, Deduct	*-120.38*	
08 51 13 00-0004	SF	Single Hung Window, Aluminum, With Insulated Glazing, HC 40	191.74	27.88
		For Colored Anodized Finish, Add	*2.03*	
		For 70% Fluoropolymer Exterior Finish (Duranar), Add	*2.44*	
		For Steel Window Replacement, Add	*1.80*	
		For Single 1/4" Glazing, Deduct	*-0.50*	
		For Tinted Glazing, Add	*1.00*	
		For Tempered Glazing, Add	*2.40*	
		For Low-E Glazing, Add	*1.08*	
		For Blinds, Add	*13.75*	
		For Muntins In Glass, Add	*1.13*	
		For Muntins External, Add	*5.25*	
		For > 40 To 100, Deduct	*-34.01*	
		For > 100 To 400, Deduct	*-68.01*	
		For > 400 To 800, Deduct	*-95.22*	
		For > 800 To 1000, Deduct	*-99.76*	
		For > 1000 To 2000, Deduct	*-104.28*	
		For > 2000 To 4000, Deduct	*-108.82*	
		For > 4000, Deduct	*-113.36*	
08 51 13 00-0005	SF	Horizontal Sliding Window, Aluminum, With Insulated Glazing, HC 40	185.42	31.35
		For Colored Anodized Finish, Add	*2.03*	
		For 70% Fluoropolymer Exterior Finish (Duranar), Add	*2.44*	
		For Steel Window Replacement, Add	*1.80*	
		For Single 1/4" Glazing, Deduct	*-0.50*	
		For Tinted Glazing, Add	*1.00*	
		For Tempered Glazing, Add	*2.40*	
		For Low-E Glazing, Add	*1.08*	
		For Blinds, Add	*13.75*	
		For Muntins In Glass, Add	*1.13*	
		For Muntins External, Add	*5.25*	
		For > 40 To 100, Deduct	*-32.74*	
		For > 100 To 400, Deduct	*-65.48*	
		For > 400 To 800, Deduct	*-91.68*	
		For > 800 To 1000, Deduct	*-96.05*	
		For > 1000 To 2000, Deduct	*-100.40*	
		For > 2000 To 4000, Deduct	*-104.77*	
		For > 4000, Deduct	*-109.15*	
08 51 13 00-0006	SF	Picture (Fixed) Window, Aluminum, With Insulated Glazing, HC 40	178.20	9.87
		For Colored Anodized Finish, Add	*2.03*	
		For 70% Fluoropolymer Exterior Finish (Duranar), Add	*2.44*	
		For Steel Window Replacement, Add	*1.80*	
		For Single 1/4" Glazing, Deduct	*-0.50*	
		For Tinted Glazing, Add	*1.00*	
		For Tempered Glazing, Add	*2.40*	
		For Low-E Glazing, Add	*1.08*	
		For Blinds, Add	*13.75*	
		For Muntins In Glass, Add	*1.13*	
		For Muntins External, Add	*5.25*	
		For > 40 To 100, Deduct	*-31.30*	
		For > 100 To 400, Deduct	*-62.60*	
		For > 400 To 800, Deduct	*-87.63*	
		For > 800 To 1000, Deduct	*-91.81*	
		For > 1000 To 2000, Deduct	*-95.98*	
		For > 2000 To 4000, Deduct	*-100.15*	
		For > 4000, Deduct	*-104.33*	

08 51 13 00-0007 Heavy Commercial, Minimum Rating Of HC 65 *(08 51 13 00-0001)*

Note: Double glazed insulated window (glazing included). Traco series 3000 or equal

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 51 13 00-0008	SF	Casement Window, Aluminum, With Insulated Glazing, HC 65	255.24	14.94
		For Colored Anodized Finish, Add	*2.03*	
		For 70% Fluoropolymer Exterior Finish (Duranar), Add	*2.44*	
		For Steel Window Replacement, Add	*1.80*	
		For Single 1/4" Glazing, Deduct	*-0.50*	
		For Tinted Glazing, Add	*1.00*	
		For Tempered Glazing, Add	*2.40*	
		For Low-E Glazing, Add	*1.08*	
		For Blinds, Add	*13.75*	
		For Muntins In Glass, Add	*1.13*	
		For Muntins External, Add	*5.25*	
		For > 40 To 100, Deduct	*-46.71*	
		For > 100 To 400, Deduct	*-93.41*	
		For > 400 To 800, Deduct	*-130.78*	
		For > 800 To 1000, Deduct	*-137.01*	
		For > 1000 To 2000, Deduct	*-143.22*	
		For > 2000 To 4000, Deduct	*-149.46*	
		For > 4000, Deduct	*-155.69*	
08 51 13 00-0009	SF	Projected Sash Window, Aluminum, With Insulated Glazing, HC 65	233.57	9.87
		For Colored Anodized Finish, Add	*2.03*	
		For 70% Fluoropolymer Exterior Finish (Duranar), Add	*2.44*	
		For Steel Window Replacement, Add	*1.80*	
		For Single 1/4" Glazing, Deduct	*-0.50*	
		For Tinted Glazing, Add	*1.00*	
		For Tempered Glazing, Add	*2.40*	
		For Low-E Glazing, Add	*1.08*	
		For Blinds, Add	*13.75*	
		For Muntins In Glass, Add	*1.13*	
		For Muntins External, Add	*5.25*	
		For > 40 To 100, Deduct	*-42.37*	
		For > 100 To 400, Deduct	*-84.74*	
		For > 400 To 800, Deduct	*-118.64*	
		For > 800 To 1000, Deduct	*-124.30*	
		For > 1000 To 2000, Deduct	*-129.93*	
		For > 2000 To 4000, Deduct	*-135.59*	
		For > 4000, Deduct	*-141.25*	
08 51 13 00-0010	SF	Picture (Fixed) Window, Aluminum, With Insulated Glazing, HC 65	202.27	9.87
		For Colored Anodized Finish, Add	*2.03*	
		For 70% Fluoropolymer Exterior Finish (Duranar), Add	*2.44*	
		For Steel Window Replacement, Add	*1.80*	
		For Single 1/4" Glazing, Deduct	*-0.50*	
		For Tinted Glazing, Add	*1.00*	
		For Tempered Glazing, Add	*2.40*	
		For Low-E Glazing, Add	*1.08*	
		For Blinds, Add	*13.75*	
		For Muntins In Glass, Add	*1.13*	
		For Muntins External, Add	*5.25*	
		For > 40 To 100, Deduct	*-36.11*	
		For > 100 To 400, Deduct	*-72.22*	
		For > 400 To 800, Deduct	*-101.11*	
		For > 800 To 1000, Deduct	*-105.93*	
		For > 1000 To 2000, Deduct	*-110.74*	
		For > 2000 To 4000, Deduct	*-115.56*	
		For > 4000, Deduct	*-120.38*	

08 51 13 00-0011 Aluminum Windows And Accessories *(08 51 13)*

Note: Gentek windows or equal. Prices are based on clear anodized finish or backed on enamel (standard colors). Double glazed insulated window (glazing included). Includes all standard hardware. Includes full screens. Includes exterior panning and interior trim.

08 51 13 00-0012	SF	Double Hung - Series 8900 4" Thermal Broken Frame (A2, B4, C3, F2), Standard Finish	131.13	9.87
		For Colored Anodized Finish, Add	*8.76*	
		For 70% Fluoropolymer Exterior Finish (Duranar), Add	*10.50*	
		For Tinted Glass, Add	*1.74*	
		For Tempered 2 Sided, Add	*2.99*	
		For Low-E Glazing, Add	*1.60*	
		For Internal Muntins, Add	*1.93*	
		For External Muntins, Add	*8.43*	
		For Brick Molding Instead Of Panning, Deduct	*-2.10*	
		Quantity Discounts For 801 - 1000 SF, Deduct	*-2.61*	
		Quantity Discounts For 1001 - 2000 SF, Deduct	*-4.17*	
		Quantity Discounts For > 4000 SF, Deduct	*-5.99*	
08 51 13 00-0013	SF	Horizontal Slider - Series 2140, 4" Thermal Broken Frame (A3, B7, C4, F2), Standard Finish	114.76	9.87
		For Colored Anodized Finish, Add	*8.76*	
		For 70% Fluoropolymer Exterior Finish (Duranar), Add	*10.50*	
		For Tinted Glass, Add	*1.74*	
		For Tempered 2 Sided, Add	*2.99*	
		For External Muntins, Add	*8.43*	
		For Brick Molding Instead Of Panning, Deduct	*-2.10*	
		For >800 To 1,000, Deduct	*-2.08*	
		For >1,000 To 2,000, Deduct	*-3.65*	
		For >2,000 To 4,000, Deduct	*-5.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 51 13 00-0014	SF	Fixed Window - Series 2040, 4" Thermal Broken Frame (B7, C5), Standard Finish	109.91	9.87
		For Colored Anodized Finish, Add	*8.76*	
		For 70% Fluoropolymer Exterior Finish (Duranar), Add	*10.50*	
		For Tinted Glass, Add	*1.74*	
		For Tempered 2 Sided, Add	*2.99*	
		For Internal Muntins, Add	*1.64*	
		For External Muntins, Add	*7.41*	
		For Brick Molding Instead Of Panning, Deduct	*-2.10*	
		For >800 To 1,000, Deduct	*-2.08*	
		For >1,000 To 2,000, Deduct	*-3.54*	
		For >2,000 To 4,000, Deduct	*-5.04*	
08 51 13 00-0015	SF	Casement Operated - Series 5700, 4" Thermal Broken Frame (A3, B7, C5, F2), Standard Finish	150.54	9.87
		For Colored Anodized Finish, Add	*8.76*	
		For 70% Fluoropolymer Exterior Finish (Duranar), Add	*10.50*	
		For Tinted Glass, Add	*1.74*	
		For Tempered 2 Sided, Add	*2.99*	
		For Internal Muntins, Add	*1.64*	
		For External Muntins, Add	*7.41*	
		For Brick Molding Instead Of Panning, Deduct	*-2.10*	
		For >800 To 1,000, Deduct	*-3.13*	
		For >1,000 To 2,000, Deduct	*-4.70*	
		For >2,000 To 4,000, Deduct	*-6.41*	
08 51 13 00-0016	SF	Casement Fixed - Series 5700E, 4" Thermal Broken Frame, Standard Finish	127.61	9.87
		For Colored Anodized Finish, Add	*8.76*	
		For 70% Fluoropolymer Exterior Finish (Duranar), Add	*10.50*	
		For Tinted Glass, Add	*1.74*	
		For Tempered 2 Sided, Add	*2.99*	
		For Internal Muntins, Add	*1.64*	
		For External Muntins, Add	*7.41*	
		For Brick Molding Instead Of Panning, Deduct	*-2.10*	
		For >800 To 1,000, Deduct	*-2.87*	
		For >1,000 To 2,000, Deduct	*-4.17*	
		For >2,000 To 4,000, Deduct	*-5.62*	
08 51 13 00-0017	SF	Awning - Series 5800, 4" Thermal Broken Frame (A3, B7, C5, F2), Standard Finish	162.05	9.87
		For Colored Anodized Finish, Add	*8.76*	
		For 70% Fluoropolymer Exterior Finish (Duranar), Add	*10.50*	
		For Tinted Glass, Add	*1.74*	
		For Tempered 2 Sided, Add	*2.99*	
		For Internal Muntins, Add	*1.64*	
		For External Muntins, Add	*7.41*	
		For Brick Molding Instead Of Panning, Deduct	*-2.10*	
		For >800 To 1,000, Deduct	*-3.13*	
		For >1,000 To 2,000, Deduct	*-4.96*	
		For >2,000 To 4,000, Deduct	*-6.78*	

08 51 19 Stainless-Steel Windows *(08 51)*

See CSI section 08 80 00 00-0000 for glazing.

08 51 19 00-0001 Stainless Steel Windows Types *(08 51 19)*

08 51 19 00-0002 Industrial *(08 51 19 00-0001)*

08 51 19 00-0003	SF	Stainless Steel Window With Horizontal Pivot Sash	119.41	7.14
08 51 19 00-0004	SF	Stainless Steel Window, Fixed Sash	89.07	7.14

08 51 19 00-0005 Projected Sash *(08 51 19 00-0001)*

08 51 19 00-0006	SF	Commercial Projected Sash Window - 40% Vented Stainless Steel	125.07	7.14
08 51 19 00-0007	SF	Intermediate Projected Sash Window - 40% Vented Stainless Steel	138.49	7.14

08 51 19 00-0008 Other Type Sash *(08 51 19 00-0001)*

08 51 19 00-0009	SF	Double Hung Stainless Steel Window Sash	151.87	7.14
08 51 19 00-0010	SF	Single Hung Stainless Steel Window Sash	106.29	7.14
08 51 19 00-0011	SF	Stainless Steel Picture Window Sash	88.17	7.14
08 51 19 00-0012	SF	Sliding Stainless Steel Window	156.78	7.14

08 51 19 00-0013 Casements *(08 51 19 00-0001)*

08 51 19 00-0014	SF	Stainless Steel Window Casements, 100% Vented Operable, Factory Primed	135.71	7.14
08 51 19 00-0015	SF	Stainless Steel Window Casements, 50% Vented Operable, Factory Primed	116.85	7.14
08 51 19 00-0016	SF	Stainless Steel Window Casements, Fixed Sash, Factory Primed	81.26	7.14

08 51 23 Steel Windows *(08 51)*

Note: All sashes are factory primed. See CSI section 08 80 00 00-0000 for glazing.

08 51 23 00-0001 Steel Windows *(08 51 23)*

08 51 23 00-0002 Industrial *(08 51 23 00-0001)*

08 51 23 00-0003	SF	Industrial Steel Window With Horizontal Pivot Sash	55.28	7.14
08 51 23 00-0004	SF	Industrial Steel Window, With Fixed Sash	50.02	7.14
08 51 23 00-0005	SF	Industrial Steel Window, With Operable Security Sash	76.83	7.14
08 51 23 00-0006	SF	Industrial Steel Window, With Fixed Security Sash	66.32	7.14

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 51 23 00-0007		**Projected Sash** *(08 51 23 00-0001)*		
08 51 23 00-0008	SF	Commercial Projected Sash Window - 40% Vented Steel	60.74	7.14
08 51 23 00-0009	SF	Intermediate Projected Sash Window - 40% Vented Steel	66.52	7.14
08 51 23 00-0010		**Other Type Sash** *(08 51 23 00-0001)*		
08 51 23 00-0011	SF	Double Hung Steel Window Sash	76.73	7.14
08 51 23 00-0012	SF	Steel Picture Window Sash	35.57	7.14
08 51 23 00-0013	SF	Fire Rated Double Hung Steel Window Sash	79.01	8.93
08 51 23 00-0014	SF	Single Hung Steel Window Sash	55.62	7.14
08 51 23 00-0015		**Casements** *(08 51 23 00-0001)*		
08 51 23 00-0016	SF	Steel Window Casements, 100% Vented Operable, Factory Primed	69.26	3.57
08 51 23 00-0017	SF	Steel Window Casements, 50% Vented Operable, Factory Primed	60.52	3.57
08 51 23 00-0018	SF	Steel Window Casements, Fixed Sash, Factory Primed	44.03	5.35
08 51 23 00-0019		**Mullions** *(08 51 23 00-0001)*		
08 51 23 00-0020	LF	Open Faced Steel Mullion	27.22	5.35
08 51 23 00-0021	LF	Covered Steel Mullions	43.75	5.35
08 51 23 00-0022		**Removal And Reinstallation Of Metal Window And Frame** *(08 51 23)* Note: Steel or aluminum frame. Includes storage, cleaning and supply materials, caulk and sealants.		
08 51 23 00-0023	SF	Removal And Reinstallation Of Metal Window And Frame	18.35	

08 52 Wood Windows *(08 50)*

08 52 11 Wood Windows *(08 52)*

08 52 11 00-0001		**Sash-Only Replacement Kits For Double Hung Wood Windows** *(08 52 11)* Note: Includes demo of the existing sashes and jamb liners. Includes two sashes, jamb liners, insulated glass and all hardware needed for installation. Includes primed pine wood interior and exterior. Excludes window frame, trim, insect screens and grilles.		
08 52 11 00-0002		**30" Height, Sash-Only Replacement Kits For Double Hung Wood Windows** *(08 52 11 00-0001)*		
08 52 11 00-0003	EA	20" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows	341.87	
		For Low-E Insulated Glass, Add	*27.81*	
		For Aluminum Clad Exterior, Add	*29.79*	
08 52 11 00-0004	EA	24" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows	362.82	
		For Low-E Insulated Glass, Add	*29.81*	
		For Aluminum Clad Exterior, Add	*31.94*	
08 52 11 00-0005	EA	28" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows	385.20	
		For Low-E Insulated Glass, Add	*32.01*	
		For Aluminum Clad Exterior, Add	*34.29*	
08 52 11 00-0006	EA	30" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows	397.10	
		For Low-E Insulated Glass, Add	*33.21*	
		For Aluminum Clad Exterior, Add	*35.58*	
08 52 11 00-0007	EA	32" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows	407.58	
		For Low-E Insulated Glass, Add	*34.21*	
		For Aluminum Clad Exterior, Add	*36.65*	
08 52 11 00-0008	EA	34" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows	420.92	
		For Low-E Insulated Glass, Add	*35.61*	
		For Aluminum Clad Exterior, Add	*38.15*	
08 52 11 00-0009	EA	36" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows	427.15	
		For Low-E Insulated Glass, Add	*36.02*	
		For Aluminum Clad Exterior, Add	*38.59*	
08 52 11 00-0010	EA	40" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows	453.77	
		For Low-E Insulated Glass, Add	*38.81*	
		For Aluminum Clad Exterior, Add	*41.58*	
08 52 11 00-0011	EA	44" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows	476.15	
		For Low-E Insulated Glass, Add	*41.01*	
		For Aluminum Clad Exterior, Add	*43.94*	
08 52 11 00-0012		**34" Height, Sash-Only Replacement Kits For Double Hung Wood Windows** *(08 52 11 00-0001)*		
08 52 11 00-0013	EA	20" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows	362.82	
		For Low-E Insulated Glass, Add	*29.81*	
		For Aluminum Clad Exterior, Add	*31.94*	
08 52 11 00-0014	EA	24" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows	385.20	
		For Low-E Insulated Glass, Add	*32.01*	
		For Aluminum Clad Exterior, Add	*34.29*	
08 52 11 00-0015	EA	28" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows	404.25	
		For Low-E Insulated Glass, Add	*34.21*	
		For Aluminum Clad Exterior, Add	*36.65*	
08 52 11 00-0016	EA	30" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows	420.92	
		For Low-E Insulated Glass, Add	*35.61*	
		For Aluminum Clad Exterior, Add	*38.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 11 00-0017	EA	32" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows	431.39	
		For Low-E Insulated Glass, Add	*36.61*	
		For Aluminum Clad Exterior, Add	*39.22*	
08 52 11 00-0018	EA	34" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows	443.30	
		For Low-E Insulated Glass, Add	*37.81*	
		For Aluminum Clad Exterior, Add	*40.51*	
08 52 11 00-0019	EA	36" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows	453.77	
		For Low-E Insulated Glass, Add	*38.81*	
		For Aluminum Clad Exterior, Add	*41.58*	
08 52 11 00-0020	EA	40" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows	476.15	
		For Low-E Insulated Glass, Add	*41.01*	
		For Aluminum Clad Exterior, Add	*43.94*	
08 52 11 00-0021	EA	44" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows	498.54	
		For Low-E Insulated Glass, Add	*43.21*	
		For Aluminum Clad Exterior, Add	*46.30*	

08 52 11 00-0022 36" Height, Sash-Only Replacement Kits For Double Hung Wood Windows

(08 52 11 00-0001)

08 52 11 00-0023	EA	20" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows	373.06	
		For Low-E Insulated Glass, Add	*31.01*	
		For Aluminum Clad Exterior, Add	*33.22*	
08 52 11 00-0024	EA	24" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows	395.44	
		For Low-E Insulated Glass, Add	*33.21*	
		For Aluminum Clad Exterior, Add	*35.58*	
08 52 11 00-0025	EA	28" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows	419.26	
		For Low-E Insulated Glass, Add	*35.61*	
		For Aluminum Clad Exterior, Add	*38.15*	
08 52 11 00-0026	EA	30" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows	429.73	
		For Low-E Insulated Glass, Add	*36.61*	
		For Aluminum Clad Exterior, Add	*39.22*	
08 52 11 00-0027	EA	32" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows	441.64	
		For Low-E Insulated Glass, Add	*37.81*	
		For Aluminum Clad Exterior, Add	*40.51*	
08 52 11 00-0028	EA	34" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows	452.11	
		For Low-E Insulated Glass, Add	*38.81*	
		For Aluminum Clad Exterior, Add	*41.58*	
08 52 11 00-0029	EA	36" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows	464.02	
		For Low-E Insulated Glass, Add	*40.01*	
		For Aluminum Clad Exterior, Add	*42.87*	
08 52 11 00-0030	EA	40" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows	484.96	
		For Low-E Insulated Glass, Add	*42.01*	
		For Aluminum Clad Exterior, Add	*45.01*	
08 52 11 00-0031	EA	44" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows	507.35	
		For Low-E Insulated Glass, Add	*44.21*	
		For Aluminum Clad Exterior, Add	*47.37*	

08 52 11 00-0032 38" Height, Sash-Only Replacement Kits For Double Hung Wood Windows

(08 52 11 00-0001)

08 52 11 00-0033	EA	20" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows	386.87	
		For Low-E Insulated Glass, Add	*32.01*	
		For Aluminum Clad Exterior, Add	*34.29*	
08 52 11 00-0034	EA	24" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows	409.26	
		For Low-E Insulated Glass, Add	*34.21*	
		For Aluminum Clad Exterior, Add	*36.65*	
08 52 11 00-0035	EA	28" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows	433.06	
		For Low-E Insulated Glass, Add	*36.61*	
		For Aluminum Clad Exterior, Add	*39.22*	
08 52 11 00-0036	EA	30" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows	444.97	
		For Low-E Insulated Glass, Add	*37.81*	
		For Aluminum Clad Exterior, Add	*40.51*	
08 52 11 00-0037	EA	32" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows	455.44	
		For Low-E Insulated Glass, Add	*38.81*	
		For Aluminum Clad Exterior, Add	*41.58*	
08 52 11 00-0038	EA	34" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows	467.35	
		For Low-E Insulated Glass, Add	*40.01*	
		For Aluminum Clad Exterior, Add	*42.87*	
08 52 11 00-0039	EA	36" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows	477.82	
		For Low-E Insulated Glass, Add	*41.01*	
		For Aluminum Clad Exterior, Add	*43.94*	
08 52 11 00-0040	EA	40" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows	500.21	
		For Low-E Insulated Glass, Add	*43.21*	
		For Aluminum Clad Exterior, Add	*46.30*	
08 52 11 00-0041	EA	44" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows	522.59	
		For Low-E Insulated Glass, Add	*45.41*	
		For Aluminum Clad Exterior, Add	*48.66*	

08 52 11 00-0042 46" Height, Sash-Only Replacement Kits For Double Hung Wood Windows

(08 52 11 00-0001)

08 52 11 00-0043	EA	20" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows	431.39	
		For Low-E Insulated Glass, Add	*36.61*	
		For Aluminum Clad Exterior, Add	*39.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 11 00-0044	EA	24" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows	453.77	
		For Low-E Insulated Glass, Add	*38.81*	
		For Aluminum Clad Exterior, Add	*41.58*	
08 52 11 00-0045	EA	28" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows	476.15	
		For Low-E Insulated Glass, Add	*41.01*	
		For Aluminum Clad Exterior, Add	*43.94*	
08 52 11 00-0046	EA	30" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows	486.63	
		For Low-E Insulated Glass, Add	*42.01*	
		For Aluminum Clad Exterior, Add	*45.01*	
08 52 11 00-0047	EA	32" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows	498.54	
		For Low-E Insulated Glass, Add	*43.21*	
		For Aluminum Clad Exterior, Add	*46.30*	
08 52 11 00-0048	EA	34" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows	509.01	
		For Low-E Insulated Glass, Add	*44.21*	
		For Aluminum Clad Exterior, Add	*47.37*	
08 52 11 00-0049	EA	36" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows	520.92	
		For Low-E Insulated Glass, Add	*45.41*	
		For Aluminum Clad Exterior, Add	*48.66*	
08 52 11 00-0050	EA	40" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows	543.29	
		For Low-E Insulated Glass, Add	*47.61*	
		For Aluminum Clad Exterior, Add	*51.01*	
08 52 11 00-0051	EA	44" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows	567.11	
		For Low-E Insulated Glass, Add	*50.01*	
		For Aluminum Clad Exterior, Add	*53.58*	

08 52 11 00-0052 48" Height, Sash-Only Replacement Kits For Double Hung Wood Windows

(08 52 11 00-0001)

08 52 11 00-0053	EA	20" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows	441.64	
		For Low-E Insulated Glass, Add	*37.81*	
		For Aluminum Clad Exterior, Add	*40.51*	
08 52 11 00-0054	EA	24" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows	464.02	
		For Low-E Insulated Glass, Add	*40.01*	
		For Aluminum Clad Exterior, Add	*42.87*	
08 52 11 00-0055	EA	28" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows	484.96	
		For Low-E Insulated Glass, Add	*42.01*	
		For Aluminum Clad Exterior, Add	*45.01*	
08 52 11 00-0056	EA	30" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows	496.88	
		For Low-E Insulated Glass, Add	*43.21*	
		For Aluminum Clad Exterior, Add	*46.30*	
08 52 11 00-0057	EA	32" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows	507.35	
		For Low-E Insulated Glass, Add	*44.21*	
		For Aluminum Clad Exterior, Add	*47.37*	
08 52 11 00-0058	EA	34" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows	519.26	
		For Low-E Insulated Glass, Add	*45.41*	
		For Aluminum Clad Exterior, Add	*48.66*	
08 52 11 00-0059	EA	36" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows	529.73	
		For Low-E Insulated Glass, Add	*46.41*	
		For Aluminum Clad Exterior, Add	*49.73*	
08 52 11 00-0060	EA	40" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows	553.53	
		For Low-E Insulated Glass, Add	*48.81*	
		For Aluminum Clad Exterior, Add	*52.30*	
08 52 11 00-0061	EA	44" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows	575.92	
		For Low-E Insulated Glass, Add	*51.01*	
		For Aluminum Clad Exterior, Add	*54.66*	

08 52 11 00-0062 50" Height, Sash-Only Replacement Kits For Double Hung Wood Windows

(08 52 11 00-0001)

08 52 11 00-0063	EA	20" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows	455.44	
		For Low-E Insulated Glass, Add	*38.81*	
		For Aluminum Clad Exterior, Add	*41.58*	
08 52 11 00-0064	EA	24" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows	477.82	
		For Low-E Insulated Glass, Add	*41.01*	
		For Aluminum Clad Exterior, Add	*43.94*	
08 52 11 00-0065	EA	28" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows	500.21	
		For Low-E Insulated Glass, Add	*43.21*	
		For Aluminum Clad Exterior, Add	*46.30*	
08 52 11 00-0066	EA	30" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows	510.68	
		For Low-E Insulated Glass, Add	*44.21*	
		For Aluminum Clad Exterior, Add	*47.37*	
08 52 11 00-0067	EA	32" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows	522.59	
		For Low-E Insulated Glass, Add	*45.41*	
		For Aluminum Clad Exterior, Add	*48.66*	
08 52 11 00-0068	EA	34" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows	533.05	
		For Low-E Insulated Glass, Add	*46.41*	
		For Aluminum Clad Exterior, Add	*49.73*	
08 52 11 00-0069	EA	36" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows	544.95	
		For Low-E Insulated Glass, Add	*47.61*	
		For Aluminum Clad Exterior, Add	*51.01*	
08 52 11 00-0070	EA	40" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows	568.77	
		For Low-E Insulated Glass, Add	*50.01*	
		For Aluminum Clad Exterior, Add	*53.58*	
08 52 11 00-0071	EA	44" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows	591.15	
		For Low-E Insulated Glass, Add	*52.21*	
		For Aluminum Clad Exterior, Add	*55.94*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

08 52 11 00-0072 54" Height, Sash-Only Replacement Kits For Double Hung Wood Windows

(08 52 11 00-0001)

08 52 11 00-0073	EA	20" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows	477.82	
		For Low-E Insulated Glass, Add	*41.01*	
		For Aluminum Clad Exterior, Add	*43.94*	
08 52 11 00-0074	EA	24" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows	500.21	
		For Low-E Insulated Glass, Add	*43.21*	
		For Aluminum Clad Exterior, Add	*46.30*	
08 52 11 00-0075	EA	28" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows	522.59	
		For Low-E Insulated Glass, Add	*45.41*	
		For Aluminum Clad Exterior, Add	*48.66*	
08 52 11 00-0076	EA	30" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows	533.05	
		For Low-E Insulated Glass, Add	*46.41*	
		For Aluminum Clad Exterior, Add	*49.73*	
08 52 11 00-0077	EA	32" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows	544.95	
		For Low-E Insulated Glass, Add	*47.61*	
		For Aluminum Clad Exterior, Add	*51.01*	
08 52 11 00-0078	EA	34" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows	556.87	
		For Low-E Insulated Glass, Add	*48.81*	
		For Aluminum Clad Exterior, Add	*52.30*	
08 52 11 00-0079	EA	36" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows	568.77	
		For Low-E Insulated Glass, Add	*50.01*	
		For Aluminum Clad Exterior, Add	*53.58*	
08 52 11 00-0080	EA	40" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows	591.15	
		For Low-E Insulated Glass, Add	*52.21*	
		For Aluminum Clad Exterior, Add	*55.94*	
08 52 11 00-0081	EA	44" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows	613.53	
		For Low-E Insulated Glass, Add	*54.41*	
		For Aluminum Clad Exterior, Add	*58.30*	

08 52 11 00-0082 58" Height, Sash-Only Replacement Kits For Double Hung Wood Windows

(08 52 11 00-0001)

08 52 11 00-0083	EA	20" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows	498.54	
		For Low-E Insulated Glass, Add	*43.21*	
		For Aluminum Clad Exterior, Add	*46.30*	
08 52 11 00-0084	EA	24" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows	520.92	
		For Low-E Insulated Glass, Add	*45.41*	
		For Aluminum Clad Exterior, Add	*48.66*	
08 52 11 00-0085	EA	28" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows	543.29	
		For Low-E Insulated Glass, Add	*47.61*	
		For Aluminum Clad Exterior, Add	*51.01*	
08 52 11 00-0086	EA	30" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows	555.20	
		For Low-E Insulated Glass, Add	*48.81*	
		For Aluminum Clad Exterior, Add	*52.30*	
08 52 11 00-0087	EA	32" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows	567.11	
		For Low-E Insulated Glass, Add	*50.01*	
		For Aluminum Clad Exterior, Add	*53.58*	
08 52 11 00-0088	EA	34" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows	577.59	
		For Low-E Insulated Glass, Add	*51.01*	
		For Aluminum Clad Exterior, Add	*54.66*	
08 52 11 00-0089	EA	36" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows	589.49	
		For Low-E Insulated Glass, Add	*52.21*	
		For Aluminum Clad Exterior, Add	*55.94*	
08 52 11 00-0090	EA	40" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows	611.87	
		For Low-E Insulated Glass, Add	*54.41*	
		For Aluminum Clad Exterior, Add	*58.30*	
08 52 11 00-0091	EA	44" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows	632.83	
		For Low-E Insulated Glass, Add	*56.41*	
		For Aluminum Clad Exterior, Add	*60.44*	

08 52 11 00-0092 60" Height, Sash-Only Replacement Kits For Double Hung Wood Windows

(08 52 11 00-0001)

08 52 11 00-0093	EA	20" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows	507.35	
		For Low-E Insulated Glass, Add	*44.21*	
		For Aluminum Clad Exterior, Add	*47.37*	
08 52 11 00-0094	EA	24" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows	529.73	
		For Low-E Insulated Glass, Add	*46.41*	
		For Aluminum Clad Exterior, Add	*49.73*	
08 52 11 00-0095	EA	28" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows	553.53	
		For Low-E Insulated Glass, Add	*48.81*	
		For Aluminum Clad Exterior, Add	*52.30*	
08 52 11 00-0096	EA	30" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows	565.44	
		For Low-E Insulated Glass, Add	*50.01*	
		For Aluminum Clad Exterior, Add	*53.58*	
08 52 11 00-0097	EA	32" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows	575.92	
		For Low-E Insulated Glass, Add	*51.01*	
		For Aluminum Clad Exterior, Add	*54.66*	
08 52 11 00-0098	EA	34" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows	587.82	
		For Low-E Insulated Glass, Add	*52.21*	
		For Aluminum Clad Exterior, Add	*55.94*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 11 00-0099	EA	36" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows	598.29	
		For Low-E Insulated Glass, Add	*53.21*	
		For Aluminum Clad Exterior, Add	*57.01*	
08 52 11 00-0100	EA	40" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows	620.67	
		For Low-E Insulated Glass, Add	*55.41*	
		For Aluminum Clad Exterior, Add	*59.37*	
08 52 11 00-0101	EA	44" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows	643.06	
		For Low-E Insulated Glass, Add	*57.61*	
		For Aluminum Clad Exterior, Add	*61.73*	

08 52 11 00-0102 62" Height, Sash-Only Replacement Kits For Double Hung Wood Windows

(08 52 11 00-0001)

08 52 11 00-0103	EA	20" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows	522.59	
		For Low-E Insulated Glass, Add	*45.41*	
		For Aluminum Clad Exterior, Add	*48.66*	
08 52 11 00-0104	EA	24" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows	544.95	
		For Low-E Insulated Glass, Add	*47.61*	
		For Aluminum Clad Exterior, Add	*51.01*	
08 52 11 00-0105	EA	28" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows	568.77	
		For Low-E Insulated Glass, Add	*50.01*	
		For Aluminum Clad Exterior, Add	*53.58*	
08 52 11 00-0106	EA	30" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows	579.25	
		For Low-E Insulated Glass, Add	*51.01*	
		For Aluminum Clad Exterior, Add	*54.66*	
08 52 11 00-0107	EA	32" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows	591.15	
		For Low-E Insulated Glass, Add	*52.21*	
		For Aluminum Clad Exterior, Add	*55.94*	
08 52 11 00-0108	EA	34" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows	601.62	
		For Low-E Insulated Glass, Add	*53.21*	
		For Aluminum Clad Exterior, Add	*57.01*	
08 52 11 00-0109	EA	36" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows	613.53	
		For Low-E Insulated Glass, Add	*54.41*	
		For Aluminum Clad Exterior, Add	*58.30*	
08 52 11 00-0110	EA	40" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows	634.49	
		For Low-E Insulated Glass, Add	*56.41*	
		For Aluminum Clad Exterior, Add	*60.44*	
08 52 11 00-0111	EA	44" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows	656.87	
		For Low-E Insulated Glass, Add	*58.62*	
		For Aluminum Clad Exterior, Add	*62.80*	

08 52 11 00-0112 66" Height, Sash-Only Replacement Kits For Double Hung Wood Windows

(08 52 11 00-0001)

08 52 11 00-0113	EA	20" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows	544.95	
		For Low-E Insulated Glass, Add	*47.61*	
		For Aluminum Clad Exterior, Add	*51.01*	
08 52 11 00-0114	EA	24" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows	568.77	
		For Low-E Insulated Glass, Add	*50.01*	
		For Aluminum Clad Exterior, Add	*53.58*	
08 52 11 00-0115	EA	28" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows	591.15	
		For Low-E Insulated Glass, Add	*52.21*	
		For Aluminum Clad Exterior, Add	*55.94*	
08 52 11 00-0116	EA	30" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows	601.62	
		For Low-E Insulated Glass, Add	*53.21*	
		For Aluminum Clad Exterior, Add	*57.01*	
08 52 11 00-0117	EA	32" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows	613.53	
		For Low-E Insulated Glass, Add	*54.41*	
		For Aluminum Clad Exterior, Add	*58.30*	
08 52 11 00-0118	EA	34" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows	624.00	
		For Low-E Insulated Glass, Add	*55.41*	
		For Aluminum Clad Exterior, Add	*59.37*	
08 52 11 00-0119	EA	36" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows	634.49	
		For Low-E Insulated Glass, Add	*56.41*	
		For Aluminum Clad Exterior, Add	*60.44*	
08 52 11 00-0120	EA	40" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows	656.87	
		For Low-E Insulated Glass, Add	*58.62*	
		For Aluminum Clad Exterior, Add	*62.80*	
08 52 11 00-0121	EA	44" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows	679.24	
		For Low-E Insulated Glass, Add	*60.81*	
		For Aluminum Clad Exterior, Add	*65.16*	

08 52 11 00-0122 70" Height, Sash-Only Replacement Kits For Double Hung Wood Windows

(08 52 11 00-0001)

08 52 11 00-0123	EA	20" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows	567.11	
		For Low-E Insulated Glass, Add	*50.01*	
		For Aluminum Clad Exterior, Add	*53.58*	
08 52 11 00-0124	EA	24" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows	589.49	
		For Low-E Insulated Glass, Add	*52.21*	
		For Aluminum Clad Exterior, Add	*55.94*	
08 52 11 00-0125	EA	28" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows	611.87	
		For Low-E Insulated Glass, Add	*54.41*	
		For Aluminum Clad Exterior, Add	*58.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 11 00-0126	EA	30" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows	622.34	
		For Low-E Insulated Glass, Add	*55.41*	
		For Aluminum Clad Exterior, Add	*59.37*	
08 52 11 00-0127	EA	32" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows	632.83	
		For Low-E Insulated Glass, Add	*56.41*	
		For Aluminum Clad Exterior, Add	*60.44*	
08 52 11 00-0128	EA	34" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows	648.97	
		For Low-E Insulated Glass, Add	*58.21*	
		For Aluminum Clad Exterior, Add	*62.37*	
08 52 11 00-0129	EA	36" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows	656.70	
		For Low-E Insulated Glass, Add	*58.82*	
		For Aluminum Clad Exterior, Add	*63.03*	
08 52 11 00-0130	EA	40" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows	677.58	
		For Low-E Insulated Glass, Add	*60.81*	
		For Aluminum Clad Exterior, Add	*65.16*	
08 52 11 00-0131	EA	44" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows	701.39	
		For Low-E Insulated Glass, Add	*63.22*	
		For Aluminum Clad Exterior, Add	*67.73*	

08 52 11 00-0132 74" Height, Sash-Only Replacement Kits For Double Hung Wood Windows

(08 52 11 00-0001)

08 52 11 00-0133	EA	20" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows	591.15	
		For Low-E Insulated Glass, Add	*52.21*	
		For Aluminum Clad Exterior, Add	*55.94*	
08 52 11 00-0134	EA	24" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows	613.53	
		For Low-E Insulated Glass, Add	*54.41*	
		For Aluminum Clad Exterior, Add	*58.30*	
08 52 11 00-0135	EA	28" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows	634.49	
		For Low-E Insulated Glass, Add	*56.41*	
		For Aluminum Clad Exterior, Add	*60.44*	
08 52 11 00-0136	EA	30" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows	646.39	
		For Low-E Insulated Glass, Add	*57.61*	
		For Aluminum Clad Exterior, Add	*61.73*	
08 52 11 00-0137	EA	32" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows	656.87	
		For Low-E Insulated Glass, Add	*58.62*	
		For Aluminum Clad Exterior, Add	*62.80*	
08 52 11 00-0138	EA	34" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows	668.77	
		For Low-E Insulated Glass, Add	*59.82*	
		For Aluminum Clad Exterior, Add	*64.09*	
08 52 11 00-0139	EA	36" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows	679.24	
		For Low-E Insulated Glass, Add	*60.81*	
		For Aluminum Clad Exterior, Add	*65.16*	
08 52 11 00-0140	EA	40" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows	703.06	
		For Low-E Insulated Glass, Add	*63.22*	
		For Aluminum Clad Exterior, Add	*67.73*	
08 52 11 00-0141	EA	44" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows	725.44	
		For Low-E Insulated Glass, Add	*65.42*	
		For Aluminum Clad Exterior, Add	*70.09*	

08 52 11 00-0142 78" Height, Sash-Only Replacement Kits For Double Hung Wood Windows

(08 52 11 00-0001)

08 52 11 00-0143	EA	20" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows	620.20	
		For Low-E Insulated Glass, Add	*54.41*	
		For Aluminum Clad Exterior, Add	*58.30*	
08 52 11 00-0144	EA	24" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows	641.15	
		For Low-E Insulated Glass, Add	*56.41*	
		For Aluminum Clad Exterior, Add	*60.44*	
08 52 11 00-0145	EA	28" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows	663.53	
		For Low-E Insulated Glass, Add	*58.62*	
		For Aluminum Clad Exterior, Add	*62.80*	
08 52 11 00-0146	EA	30" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows	675.43	
		For Low-E Insulated Glass, Add	*59.82*	
		For Aluminum Clad Exterior, Add	*64.09*	
08 52 11 00-0147	EA	32" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows	685.91	
		For Low-E Insulated Glass, Add	*60.81*	
		For Aluminum Clad Exterior, Add	*65.16*	
08 52 11 00-0148	EA	34" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows	697.82	
		For Low-E Insulated Glass, Add	*62.02*	
		For Aluminum Clad Exterior, Add	*66.45*	
08 52 11 00-0149	EA	36" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows	709.72	
		For Low-E Insulated Glass, Add	*63.22*	
		For Aluminum Clad Exterior, Add	*67.73*	
08 52 11 00-0150	EA	40" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows	732.10	
		For Low-E Insulated Glass, Add	*65.42*	
		For Aluminum Clad Exterior, Add	*70.09*	
08 52 11 00-0151	EA	44" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows	754.48	
		For Low-E Insulated Glass, Add	*67.62*	
		For Aluminum Clad Exterior, Add	*72.45*	

08 52 11 00-0152 Commercial And Institutional Heavy Double Hung Windows *(08 52 11)*

Note: With true divided lites. Performance grade DP 40 in NWWDA I.S. 2-93. Includes complete unit with hardware, blocking and accessories, glazing, caulking, prepare opening, anchors, testing and certifications. Excludes painting.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 11 00-0153	SF	Up To 21 SF Double Hung Wood Window With True Divided Lite	231.75	14.88
		For Insulating Glass, Add	*17.17*	
08 52 11 00-0154	SF	21 To 40 SF Double Hung Wood Window With True Divided Lite	213.93	16.54
		For Insulating Glass, Add	*15.37*	
08 52 11 00-0155	SF	40 SF And Over Double Hung Wood Window With True Divided Lite	196.35	18.56
		For Insulating Glass, Add	*13.53*	

08 52 11 00-0156 Architectural And Historic Reproduction Wood Windows *(08 52 11)*

Note: Fixed casement, awning, and double hung. With true divided lites. Casement performance grade DP 40; awning performance grade DP 25; double hung performance grade DP 30. Includes complete unit with hardware, blocking and accessories, glazing, caulking, prepare opening, anchors, testing and certifications. Excludes painting.

08 52 11 00-0157	SF	Up To 21 SF Architectural And Historic Reproduction Wood Window	253.06	14.87
		For Insulating Glass, Add	*18.98*	
08 52 11 00-0158	SF	21 To 40 SF Architectural And Historic Reproduction Wood Window	225.44	16.53
		For Insulating Glass, Add	*16.35*	
08 52 11 00-0159	SF	40 SF And Over Architectural And Historic Reproduction Wood Window	203.10	18.55
		For Insulating Glass, Add	*14.10*	

08 52 11 00-0160 Removal And Reinstallation Of Wood Window And Frame *(08 52 11)*

Note: Includes storage, cleaning and supply materials.

08 52 11 00-0161	SF	Removal And Reinstallation Of Wood Windows And Frames	29.40	

08 52 16 Plastic-Clad Wood Windows *(08 52)*

08 52 16 00-0001 Double Hung Wood Clad Windows *(08 52 16)*

Note: Double hung windows feature two movable sashes that operate vertically and open independently.

08 52 16 00-0002 Double Hung Wood Clad Windows (Andersen 200 TW Series) *(08 52 16 00-0001)*

Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and clear insulated glass. Excludes grilles and insect screens.

08 52 16 00-0003 35-1/2" Height, Double Hung Wood Clad Windows (Andersen 200 TW Series) *(08 52 16 00-0002)*

08 52 16 00-0004	EA	23-1/2" x 35-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	362.21	54.73
		For Low-E Insulated Glass, Add	*30.33*	
		For Tempered Clear Insulated Glass, Add	*50.55*	
08 52 16 00-0005	EA	27-1/2" x 35-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	383.36	57.11
		For Low-E Insulated Glass, Add	*32.30*	
		For Tempered Clear Insulated Glass, Add	*53.83*	
08 52 16 00-0006	EA	31-1/2" x 35-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	403.15	59.48
		For Low-E Insulated Glass, Add	*34.10*	
		For Tempered Clear Insulated Glass, Add	*56.83*	
08 52 16 00-0007	EA	35-1/2" x 35-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	422.94	61.87
		For Low-E Insulated Glass, Add	*35.90*	
		For Tempered Clear Insulated Glass, Add	*59.84*	

08 52 16 00-0008 41-1/2" Height, Double Hung Wood Clad Windows (Andersen 200 TW Series) *(08 52 16 00-0002)*

08 52 16 00-0009	EA	23-1/2" x 41-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	392.56	58.30
		For Low-E Insulated Glass, Add	*33.12*	
		For Tempered Clear Insulated Glass, Add	*55.19*	
08 52 16 00-0010	EA	27-1/2" x 41-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	413.72	60.68
		For Low-E Insulated Glass, Add	*35.08*	
		For Tempered Clear Insulated Glass, Add	*58.47*	
08 52 16 00-0011	EA	31-1/2" x 41-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	433.52	63.06
		For Low-E Insulated Glass, Add	*36.89*	
		For Tempered Clear Insulated Glass, Add	*61.48*	
08 52 16 00-0012	EA	35-1/2" x 41-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	453.30	65.43
		For Low-E Insulated Glass, Add	*38.69*	
		For Tempered Clear Insulated Glass, Add	*64.48*	

08 52 16 00-0013 47-1/2" Height, Double Hung Wood Clad Windows (Andersen 200 TW Series) *(08 52 16 00-0002)*

08 52 16 00-0014	EA	23-1/2" x 47-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	422.94	61.87
		For Low-E Insulated Glass, Add	*35.90*	
		For Tempered Clear Insulated Glass, Add	*59.84*	
08 52 16 00-0015	EA	27-1/2" x 47-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	442.73	64.25
		For Low-E Insulated Glass, Add	*37.71*	
		For Tempered Clear Insulated Glass, Add	*62.85*	
08 52 16 00-0016	EA	31-1/2" x 47-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	463.87	66.63
		For Low-E Insulated Glass, Add	*39.67*	
		For Tempered Clear Insulated Glass, Add	*66.12*	
08 52 16 00-0017	EA	35-1/2" x 47-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	483.66	69.01
		For Low-E Insulated Glass, Add	*41.48*	
		For Tempered Clear Insulated Glass, Add	*69.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

08 52 16 00-0018 53-1/2" Height, Double Hung Wood Clad Windows (Andersen 200 TW Series) *(08 52 16 00-0002)*

08 52 16 00-0019	EA	23-1/2" x 53-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	453.30	65.43
		For Low-E Insulated Glass, Add	*38.69*	
		For Tempered Clear Insulated Glass, Add	*64.48*	
08 52 16 00-0020	EA	27-1/2" x 53-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	473.09	67.82
		For Low-E Insulated Glass, Add	*40.49*	
		For Tempered Clear Insulated Glass, Add	*67.49*	
08 52 16 00-0021	EA	31-1/2" x 53-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	492.88	70.19
		For Low-E Insulated Glass, Add	*42.30*	
		For Tempered Clear Insulated Glass, Add	*70.50*	
08 52 16 00-0022	EA	35-1/2" x 53-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	514.02	72.58
		For Low-E Insulated Glass, Add	*44.26*	
		For Tempered Clear Insulated Glass, Add	*73.77*	

08 52 16 00-0023 56-1/2" Height, Double Hung Wood Clad Windows (Andersen 200 TW Series) *(08 52 16 00-0002)*

08 52 16 00-0024	EA	19-1/2" x 56-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	448.01	65.43
		For Low-E Insulated Glass, Add	*38.20*	
		For Tempered Clear Insulated Glass, Add	*63.66*	
08 52 16 00-0025	EA	23-1/2" x 56-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	467.80	67.22
		For Low-E Insulated Glass, Add	*40.00*	
		For Tempered Clear Insulated Glass, Add	*66.67*	
08 52 16 00-0026	EA	27-1/2" x 56-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	488.95	70.19
		For Low-E Insulated Glass, Add	*41.97*	
		For Tempered Clear Insulated Glass, Add	*69.95*	
08 52 16 00-0027	EA	31-1/2" x 56-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	508.74	72.58
		For Low-E Insulated Glass, Add	*43.77*	
		For Tempered Clear Insulated Glass, Add	*72.96*	
08 52 16 00-0028	EA	35-1/2" x 56-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	528.52	74.95
		For Low-E Insulated Glass, Add	*45.58*	
		For Tempered Clear Insulated Glass, Add	*75.96*	
08 52 16 00-0029	EA	39-1/2" x 56-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	548.31	77.34
		For Low-E Insulated Glass, Add	*47.38*	
		For Tempered Clear Insulated Glass, Add	*78.97*	

08 52 16 00-0030 59-1/2" Height, Double Hung Wood Clad Windows (Andersen 200 TW Series) *(08 52 16 00-0002)*

08 52 16 00-0031	EA	19-1/2" x 59-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	463.87	66.63
		For Low-E Insulated Glass, Add	*39.67*	
		For Tempered Clear Insulated Glass, Add	*66.12*	
08 52 16 00-0032	EA	23-1/2" x 59-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	483.66	69.01
		For Low-E Insulated Glass, Add	*41.48*	
		For Tempered Clear Insulated Glass, Add	*69.13*	
08 52 16 00-0033	EA	27-1/2" x 59-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	503.45	71.38
		For Low-E Insulated Glass, Add	*43.28*	
		For Tempered Clear Insulated Glass, Add	*72.14*	
08 52 16 00-0034	EA	31-1/2" x 59-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	523.23	73.77
		For Low-E Insulated Glass, Add	*45.08*	
		For Tempered Clear Insulated Glass, Add	*75.14*	
08 52 16 00-0035	EA	35-1/2" x 59-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	543.02	76.14
		For Low-E Insulated Glass, Add	*46.89*	
		For Tempered Clear Insulated Glass, Add	*78.15*	
08 52 16 00-0036	EA	39-1/2" x 59-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	564.18	78.53
		For Low-E Insulated Glass, Add	*48.86*	
		For Tempered Clear Insulated Glass, Add	*81.43*	

08 52 16 00-0037 65-1/2" Height, Double Hung Wood Clad Windows (Andersen 200 TW Series) *(08 52 16 00-0002)*

08 52 16 00-0038	EA	23-1/2" x 65-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	514.02	72.58
		For Low-E Insulated Glass, Add	*44.26*	
		For Tempered Clear Insulated Glass, Add	*73.77*	
08 52 16 00-0039	EA	27-1/2" x 65-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	533.81	74.95
		For Low-E Insulated Glass, Add	*46.07*	
		For Tempered Clear Insulated Glass, Add	*76.78*	
08 52 16 00-0040	EA	31-1/2" x 65-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	553.60	77.34
		For Low-E Insulated Glass, Add	*47.87*	
		For Tempered Clear Insulated Glass, Add	*79.79*	
08 52 16 00-0041	EA	35-1/2" x 65-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	573.39	79.72
		For Low-E Insulated Glass, Add	*49.68*	
		For Tempered Clear Insulated Glass, Add	*82.79*	

08 52 16 00-0042 71-1/2" Height, Double Hung Wood Clad Windows (Andersen 200 TW Series) *(08 52 16 00-0002)*

08 52 16 00-0043	EA	23-1/2" x 71-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	543.02	76.14
		For Low-E Insulated Glass, Add	*46.89*	
		For Tempered Clear Insulated Glass, Add	*78.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0044	EA	27-1/2" x 71-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	564.18	78.53
		For Low-E Insulated Glass, Add	*48.86*	
		For Tempered Clear Insulated Glass, Add	*81.43*	
08 52 16 00-0045	EA	31-1/2" x 71-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	583.97	80.90
		For Low-E Insulated Glass, Add	*50.66*	
		For Tempered Clear Insulated Glass, Add	*84.43*	
08 52 16 00-0046	EA	35-1/2" x 71-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	603.75	83.29
		For Low-E Insulated Glass, Add	*52.46*	
		For Tempered Clear Insulated Glass, Add	*87.44*	

08 52 16 00-0047 Double Hung Wood Clad Windows (Andersen 400 TW Series) *(08 52 16 00-0001)*

Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and Low-E insulated glass. Excludes grilles and insect screens.

08 52 16 00-0048 36-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) *(08 52 16 00-0047)*

08 52 16 00-0049	EA	21-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	442.99	54.73
		For Tempered Low-E Insulated Glass, Add	*66.94*	
08 52 16 00-0050	EA	25-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	469.61	56.52
		For Tempered Low-E Insulated Glass, Add	*71.32*	
08 52 16 00-0051	EA	29-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	497.59	58.89
		For Tempered Low-E Insulated Glass, Add	*75.96*	
08 52 16 00-0052	EA	31-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	512.27	60.68
		For Tempered Low-E Insulated Glass, Add	*78.42*	
08 52 16 00-0053	EA	33-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	525.57	61.87
		For Tempered Low-E Insulated Glass, Add	*80.61*	
08 52 16 00-0054	EA	35-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	538.89	63.06
		For Tempered Low-E Insulated Glass, Add	*82.79*	
08 52 16 00-0055	EA	37-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	553.55	63.65
		For Tempered Low-E Insulated Glass, Add	*85.25*	
08 52 16 00-0056	EA	41-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	580.17	66.04
		For Tempered Low-E Insulated Glass, Add	*89.62*	
08 52 16 00-0057	EA	45-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	608.16	68.41
		For Tempered Low-E Insulated Glass, Add	*94.27*	

08 52 16 00-0058 40-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) *(08 52 16 00-0047)*

08 52 16 00-0059	EA	21-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	469.61	57.11
		For Tempered Low-E Insulated Glass, Add	*71.32*	
08 52 16 00-0060	EA	25-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	497.59	58.89
		For Tempered Low-E Insulated Glass, Add	*75.96*	
08 52 16 00-0061	EA	29-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	525.57	61.28
		For Tempered Low-E Insulated Glass, Add	*80.61*	
08 52 16 00-0062	EA	31-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	538.89	63.06
		For Tempered Low-E Insulated Glass, Add	*82.79*	
08 52 16 00-0063	EA	33-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	553.55	64.25
		For Tempered Low-E Insulated Glass, Add	*85.25*	
08 52 16 00-0064	EA	35-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	566.87	65.43
		For Tempered Low-E Insulated Glass, Add	*87.44*	
08 52 16 00-0065	EA	37-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	580.17	66.04
		For Tempered Low-E Insulated Glass, Add	*89.62*	
08 52 16 00-0066	EA	41-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	608.16	68.41
		For Tempered Low-E Insulated Glass, Add	*94.27*	
08 52 16 00-0067	EA	45-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	636.14	70.79
		For Tempered Low-E Insulated Glass, Add	*98.91*	

08 52 16 00-0068 44-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) *(08 52 16 00-0047)*

08 52 16 00-0069	EA	21-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	497.59	59.48
		For Tempered Low-E Insulated Glass, Add	*75.96*	
08 52 16 00-0070	EA	25-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	525.57	61.28
		For Tempered Low-E Insulated Glass, Add	*80.61*	
08 52 16 00-0071	EA	29-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	553.55	63.65
		For Tempered Low-E Insulated Glass, Add	*85.25*	
08 52 16 00-0072	EA	31-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	566.87	65.43
		For Tempered Low-E Insulated Glass, Add	*87.44*	
08 52 16 00-0073	EA	33-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	580.17	66.63
		For Tempered Low-E Insulated Glass, Add	*89.62*	
08 52 16 00-0074	EA	35-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	594.86	67.82
		For Tempered Low-E Insulated Glass, Add	*92.08*	
08 52 16 00-0075	EA	37-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	608.16	68.41
		For Tempered Low-E Insulated Glass, Add	*94.27*	
08 52 16 00-0076	EA	41-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	636.14	70.79
		For Tempered Low-E Insulated Glass, Add	*98.91*	
08 52 16 00-0077	EA	45-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	664.14	73.17
		For Tempered Low-E Insulated Glass, Add	*103.56*	

08 52 16 00-0078 48-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) *(08 52 16 00-0047)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0079	EA	21-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	525.57	61.87
		For Tempered Low-E Insulated Glass, Add	*80.61*	
08 52 16 00-0080	EA	25-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	553.55	63.65
		For Tempered Low-E Insulated Glass, Add	*85.25*	
08 52 16 00-0081	EA	29-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	580.17	66.04
		For Tempered Low-E Insulated Glass, Add	*89.62*	
08 52 16 00-0082	EA	31-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	594.86	67.82
		For Tempered Low-E Insulated Glass, Add	*92.08*	
08 52 16 00-0083	EA	33-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	608.16	69.01
		For Tempered Low-E Insulated Glass, Add	*94.27*	
08 52 16 00-0084	EA	35-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	621.47	70.19
		For Tempered Low-E Insulated Glass, Add	*96.45*	
08 52 16 00-0085	EA	37-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	636.14	70.79
		For Tempered Low-E Insulated Glass, Add	*98.91*	
08 52 16 00-0086	EA	41-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	664.14	73.17
		For Tempered Low-E Insulated Glass, Add	*103.56*	
08 52 16 00-0087	EA	45-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	690.75	75.55
		For Tempered Low-E Insulated Glass, Add	*107.93*	

08 52 16 00-0088 52-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) *(08 52 16 00-0047)*

08 52 16 00-0089	EA	21-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	553.55	64.25
		For Tempered Low-E Insulated Glass, Add	*85.25*	
08 52 16 00-0090	EA	25-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	580.17	66.04
		For Tempered Low-E Insulated Glass, Add	*89.62*	
08 52 16 00-0091	EA	29-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	608.16	68.41
		For Tempered Low-E Insulated Glass, Add	*94.27*	
08 52 16 00-0092	EA	31-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	621.47	70.19
		For Tempered Low-E Insulated Glass, Add	*96.45*	
08 52 16 00-0093	EA	33-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	636.14	71.38
		For Tempered Low-E Insulated Glass, Add	*98.91*	
08 52 16 00-0094	EA	35-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	649.45	72.58
		For Tempered Low-E Insulated Glass, Add	*101.10*	
08 52 16 00-0095	EA	37-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	664.14	73.17
		For Tempered Low-E Insulated Glass, Add	*103.56*	
08 52 16 00-0096	EA	41-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	690.75	75.55
		For Tempered Low-E Insulated Glass, Add	*107.93*	
08 52 16 00-0097	EA	45-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	718.73	77.93
		For Tempered Low-E Insulated Glass, Add	*112.57*	

08 52 16 00-0098 56-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) *(08 52 16 00-0047)*

08 52 16 00-0099	EA	21-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	580.17	66.63
		For Tempered Low-E Insulated Glass, Add	*89.62*	
08 52 16 00-0100	EA	25-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	608.16	68.41
		For Tempered Low-E Insulated Glass, Add	*94.27*	
08 52 16 00-0101	EA	29-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	636.14	70.79
		For Tempered Low-E Insulated Glass, Add	*98.91*	
08 52 16 00-0102	EA	31-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	649.45	72.58
		For Tempered Low-E Insulated Glass, Add	*101.10*	
08 52 16 00-0103	EA	33-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	664.14	73.77
		For Tempered Low-E Insulated Glass, Add	*103.56*	
08 52 16 00-0104	EA	35-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	677.44	74.95
		For Tempered Low-E Insulated Glass, Add	*105.74*	
08 52 16 00-0105	EA	37-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	690.75	75.55
		For Tempered Low-E Insulated Glass, Add	*107.93*	
08 52 16 00-0106	EA	41-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	718.73	77.93
		For Tempered Low-E Insulated Glass, Add	*112.57*	
08 52 16 00-0107	EA	45-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	746.72	80.31
		For Tempered Low-E Insulated Glass, Add	*117.22*	

08 52 16 00-0108 60-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) *(08 52 16 00-0047)*

08 52 16 00-0109	EA	21-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	608.16	69.01
		For Tempered Low-E Insulated Glass, Add	*94.27*	
08 52 16 00-0110	EA	25-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	636.14	70.79
		For Tempered Low-E Insulated Glass, Add	*98.91*	
08 52 16 00-0111	EA	29-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	664.14	73.17
		For Tempered Low-E Insulated Glass, Add	*103.56*	
08 52 16 00-0112	EA	31-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	677.44	74.95
		For Tempered Low-E Insulated Glass, Add	*105.74*	
08 52 16 00-0113	EA	33-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	690.75	76.14
		For Tempered Low-E Insulated Glass, Add	*107.93*	
08 52 16 00-0114	EA	35-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	705.42	77.34
		For Tempered Low-E Insulated Glass, Add	*110.39*	
08 52 16 00-0115	EA	37-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	718.73	77.93
		For Tempered Low-E Insulated Glass, Add	*112.57*	
08 52 16 00-0116	EA	41-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	746.72	80.31
		For Tempered Low-E Insulated Glass, Add	*117.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0117	EA	45-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	773.34	82.68
		For Tempered Low-E Insulated Glass, Add	*121.59*	

08 52 16 00-0118 64-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) *(08 52 16 00-0047)*

08 52 16 00-0119	EA	21-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	636.14	71.38
		For Tempered Low-E Insulated Glass, Add	*98.91*	
08 52 16 00-0120	EA	25-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	664.14	73.17
		For Tempered Low-E Insulated Glass, Add	*103.56*	
08 52 16 00-0121	EA	29-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	690.75	75.55
		For Tempered Low-E Insulated Glass, Add	*107.93*	
08 52 16 00-0122	EA	31-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	705.42	77.34
		For Tempered Low-E Insulated Glass, Add	*110.39*	
08 52 16 00-0123	EA	33-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	718.73	78.53
		For Tempered Low-E Insulated Glass, Add	*112.57*	
08 52 16 00-0124	EA	35-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	732.04	79.72
		For Tempered Low-E Insulated Glass, Add	*114.76*	
08 52 16 00-0125	EA	37-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	746.72	80.31
		For Tempered Low-E Insulated Glass, Add	*117.22*	
08 52 16 00-0126	EA	41-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	773.34	82.68
		For Tempered Low-E Insulated Glass, Add	*121.59*	
08 52 16 00-0127	EA	45-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	801.32	85.07
		For Tempered Low-E Insulated Glass, Add	*126.24*	

08 52 16 00-0128 68-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) *(08 52 16 00-0047)*

08 52 16 00-0129	EA	21-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	664.14	73.77
		For Tempered Low-E Insulated Glass, Add	*103.56*	
08 52 16 00-0130	EA	25-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	690.75	75.55
		For Tempered Low-E Insulated Glass, Add	*107.93*	
08 52 16 00-0131	EA	29-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	718.73	77.93
		For Tempered Low-E Insulated Glass, Add	*112.57*	
08 52 16 00-0132	EA	31-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	732.04	79.72
		For Tempered Low-E Insulated Glass, Add	*114.76*	
08 52 16 00-0133	EA	33-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	746.72	80.90
		For Tempered Low-E Insulated Glass, Add	*117.22*	
08 52 16 00-0134	EA	35-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	760.03	82.09
		For Tempered Low-E Insulated Glass, Add	*119.41*	
08 52 16 00-0135	EA	37-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	773.34	82.68
		For Tempered Low-E Insulated Glass, Add	*121.59*	
08 52 16 00-0136	EA	41-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	801.32	85.07
		For Tempered Low-E Insulated Glass, Add	*126.24*	
08 52 16 00-0137	EA	45-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	829.31	87.45
		For Tempered Low-E Insulated Glass, Add	*130.88*	

08 52 16 00-0138 72-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) *(08 52 16 00-0047)*

08 52 16 00-0139	EA	21-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	690.75	76.14
		For Tempered Low-E Insulated Glass, Add	*107.93*	
08 52 16 00-0140	EA	25-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	718.73	77.93
		For Tempered Low-E Insulated Glass, Add	*112.57*	
08 52 16 00-0141	EA	29-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	746.72	80.31
		For Tempered Low-E Insulated Glass, Add	*117.22*	
08 52 16 00-0142	EA	31-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	760.03	82.09
		For Tempered Low-E Insulated Glass, Add	*119.41*	
08 52 16 00-0143	EA	33-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	773.34	83.29
		For Tempered Low-E Insulated Glass, Add	*121.59*	
08 52 16 00-0144	EA	35-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	788.00	84.48
		For Tempered Low-E Insulated Glass, Add	*124.05*	
08 52 16 00-0145	EA	37-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	801.32	85.07
		For Tempered Low-E Insulated Glass, Add	*126.24*	
08 52 16 00-0146	EA	41-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	829.31	87.45
		For Tempered Low-E Insulated Glass, Add	*130.88*	
08 52 16 00-0147	EA	45-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	857.29	89.83
		For Tempered Low-E Insulated Glass, Add	*135.53*	

08 52 16 00-0148 76-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) *(08 52 16 00-0047)*

08 52 16 00-0149	EA	21-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	718.73	78.53
		For Tempered Low-E Insulated Glass, Add	*112.57*	
08 52 16 00-0150	EA	25-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	746.72	80.31
		For Tempered Low-E Insulated Glass, Add	*117.22*	
08 52 16 00-0151	EA	29-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	773.34	82.68
		For Tempered Low-E Insulated Glass, Add	*121.59*	
08 52 16 00-0152	EA	31-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	788.00	84.48
		For Tempered Low-E Insulated Glass, Add	*124.05*	
08 52 16 00-0153	EA	33-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	801.32	85.66
		For Tempered Low-E Insulated Glass, Add	*126.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0154	EA	35-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	815.99	86.85
		For Tempered Low-E Insulated Glass, Add	*128.70*	
08 52 16 00-0155	EA	37-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	829.31	87.45
		For Tempered Low-E Insulated Glass, Add	*130.88*	
08 52 16 00-0156	EA	41-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	857.29	89.83
		For Tempered Low-E Insulated Glass, Add	*135.53*	
08 52 16 00-0157	EA	45-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	883.90	92.21
		For Tempered Low-E Insulated Glass, Add	*139.90*	
08 52 16 00-0158		84-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) *(08 52 16 00-0047)*		
08 52 16 00-0159	EA	21-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	1,098.49	83.29
		For Tempered Low-E Insulated Glass, Add	*186.62*	
08 52 16 00-0160	EA	25-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	1,137.41	85.07
		For Tempered Low-E Insulated Glass, Add	*193.45*	
08 52 16 00-0161	EA	29-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	1,176.32	87.45
		For Tempered Low-E Insulated Glass, Add	*200.28*	
08 52 16 00-0162	EA	31-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	1,195.10	89.24
		For Tempered Low-E Insulated Glass, Add	*203.56*	
08 52 16 00-0163	EA	33-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	1,215.23	90.42
		For Tempered Low-E Insulated Glass, Add	*207.12*	
08 52 16 00-0164	EA	35-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	1,234.01	91.61
		For Tempered Low-E Insulated Glass, Add	*210.39*	
08 52 16 00-0165	EA	37-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	1,252.78	92.21
		For Tempered Low-E Insulated Glass, Add	*213.67*	
08 52 16 00-0166	EA	41-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	1,291.69	94.59
		For Tempered Low-E Insulated Glass, Add	*220.50*	
08 52 16 00-0167	EA	45-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	1,330.61	96.97
		For Tempered Low-E Insulated Glass, Add	*227.34*	
08 52 16 00-0168		88-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) *(08 52 16 00-0047)*		
08 52 16 00-0169	EA	21-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	1,137.41	85.66
		For Tempered Low-E Insulated Glass, Add	*193.45*	
08 52 16 00-0170	EA	25-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	1,176.32	87.45
		For Tempered Low-E Insulated Glass, Add	*200.28*	
08 52 16 00-0171	EA	29-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	1,215.23	89.83
		For Tempered Low-E Insulated Glass, Add	*207.12*	
08 52 16 00-0172	EA	31-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	1,234.01	91.61
		For Tempered Low-E Insulated Glass, Add	*210.39*	
08 52 16 00-0173	EA	33-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	1,252.78	92.80
		For Tempered Low-E Insulated Glass, Add	*213.67*	
08 52 16 00-0174	EA	35-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	1,272.93	93.99
		For Tempered Low-E Insulated Glass, Add	*217.23*	
08 52 16 00-0175	EA	37-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	1,291.69	94.59
		For Tempered Low-E Insulated Glass, Add	*220.50*	
08 52 16 00-0176	EA	41-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	1,330.61	96.97
		For Tempered Low-E Insulated Glass, Add	*227.34*	
08 52 16 00-0177	EA	45-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)	1,369.52	99.34
		For Tempered Low-E Insulated Glass, Add	*234.17*	
08 52 16 00-0178		Casement Wood Clad Windows *(08 52 16)*		
		Note: Casement windows are hinged on one side and swing inward or outward with a crank or push out operation.		
08 52 16 00-0179		Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0178)*		
		Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and clear insulated glass. Excludes grilles and insect screens.		
08 52 16 00-0180		One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0179)*		
08 52 16 00-0181		24-1/8" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0180)*		
08 52 16 00-0182	EA	17" x 24-1/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	399.50	45.21
		For Tempered Clear Insulated Glass, Add	*62.05*	
08 52 16 00-0183	EA	20-1/2" x 24-1/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	422.30	46.40
		For Tempered Clear Insulated Glass, Add	*65.90*	
08 52 16 00-0184	EA	24-1/8" x 24-1/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	447.92	48.79
		For Tempered Clear Insulated Glass, Add	*70.07*	
08 52 16 00-0185	EA	28-3/8" x 24-1/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	471.58	51.16
		For Tempered Clear Insulated Glass, Add	*73.85*	
08 52 16 00-0186		28-3/8" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0180)*		
08 52 16 00-0187	EA	17" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	428.31	47.59
		For Tempered Clear Insulated Glass, Add	*66.86*	
08 52 16 00-0188	EA	20-1/2" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	451.13	48.79
		For Tempered Clear Insulated Glass, Add	*70.71*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0189	EA	24-1/8" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	476.74	51.16
		For Tempered Clear Insulated Glass, Add	*74.88*	
08 52 16 00-0190	EA	28-3/8" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	489.74	53.54
		For Tempered Clear Insulated Glass, Add	*76.53*	
08 52 16 00-0191	EA	31-1/2" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	519.16	55.92
		For Tempered Clear Insulated Glass, Add	*81.70*	
08 52 16 00-0192		35-15/16" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0180)*		
08 52 16 00-0193	EA	17" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	479.95	51.16
		For Tempered Clear Insulated Glass, Add	*75.53*	
08 52 16 00-0194	EA	20-1/2" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	504.37	53.54
		For Tempered Clear Insulated Glass, Add	*79.70*	
08 52 16 00-0195	EA	24-1/8" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	529.98	55.33
		For Tempered Clear Insulated Glass, Add	*83.87*	
08 52 16 00-0196	EA	28-3/8" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	570.03	57.70
		For Tempered Clear Insulated Glass, Add	*90.92*	
08 52 16 00-0197	EA	31-1/2" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	608.04	59.48
		For Tempered Clear Insulated Glass, Add	*97.81*	
08 52 16 00-0198	EA	35-15/16" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	644.94	60.68
		For Tempered Clear Insulated Glass, Add	*104.72*	
08 52 16 00-0199		40-13/16" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0180)*		
08 52 16 00-0200	EA	17" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	514.77	54.73
		For Tempered Clear Insulated Glass, Add	*81.30*	
08 52 16 00-0201	EA	20-1/2" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	537.59	55.92
		For Tempered Clear Insulated Glass, Add	*85.15*	
08 52 16 00-0202	EA	24-1/8" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	563.19	58.30
		For Tempered Clear Insulated Glass, Add	*89.32*	
08 52 16 00-0203	EA	28-3/8" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	620.88	60.68
		For Tempered Clear Insulated Glass, Add	*99.91*	
08 52 16 00-0204	EA	31-1/2" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	660.69	63.06
		For Tempered Clear Insulated Glass, Add	*107.15*	
08 52 16 00-0205	EA	35-15/16" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	698.20	65.43
		For Tempered Clear Insulated Glass, Add	*113.70*	
08 52 16 00-0206		48" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0180)*		
08 52 16 00-0207	EA	17" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	564.39	59.48
		For Tempered Clear Insulated Glass, Add	*89.32*	
08 52 16 00-0208	EA	20-1/2" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	588.80	60.68
		For Tempered Clear Insulated Glass, Add	*93.49*	
08 52 16 00-0209	EA	24-1/8" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	614.42	63.06
		For Tempered Clear Insulated Glass, Add	*97.66*	
08 52 16 00-0210	EA	28-3/8" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	693.76	65.43
		For Tempered Clear Insulated Glass, Add	*112.58*	
08 52 16 00-0211	EA	31-1/2" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	725.03	67.82
		For Tempered Clear Insulated Glass, Add	*118.12*	
08 52 16 00-0212	EA	35-15/16" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	771.87	70.19
		For Tempered Clear Insulated Glass, Add	*126.53*	
08 52 16 00-0213		52-13/16" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0180)*		
08 52 16 00-0214	EA	17" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	598.01	61.87
		For Tempered Clear Insulated Glass, Add	*95.09*	
08 52 16 00-0215	EA	20-1/2" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	620.84	63.06
		For Tempered Clear Insulated Glass, Add	*98.94*	
08 52 16 00-0216	EA	24-1/8" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	646.45	65.43
		For Tempered Clear Insulated Glass, Add	*103.11*	
08 52 16 00-0217	EA	28-3/8" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	744.25	67.82
		For Tempered Clear Insulated Glass, Add	*121.72*	
08 52 16 00-0218	EA	31-1/2" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	790.69	70.19
		For Tempered Clear Insulated Glass, Add	*130.30*	
08 52 16 00-0219	EA	35-15/16" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	821.54	72.58
		For Tempered Clear Insulated Glass, Add	*135.52*	
08 52 16 00-0220		59-7/8" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0180)*		
08 52 16 00-0221	EA	17" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	646.45	65.43
		For Tempered Clear Insulated Glass, Add	*103.11*	
08 52 16 00-0222	EA	20-1/2" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	670.88	67.82
		For Tempered Clear Insulated Glass, Add	*107.29*	
08 52 16 00-0223	EA	24-1/8" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	696.48	69.60
		For Tempered Clear Insulated Glass, Add	*111.46*	

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08 52 16 00-0224	EA	28-3/8" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	816.73	71.99
		For Tempered Clear Insulated Glass, Add	*134.55*	
08 52 16 00-0225	EA	31-1/2" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	849.78	73.77
		For Tempered Clear Insulated Glass, Add	*140.45*	
08 52 16 00-0226	EA	35-15/16" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	894.03	76.14
		For Tempered Clear Insulated Glass, Add	*148.35*	
08 52 16 00-0227		64-13/16" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0180)*		
08 52 16 00-0228	EA	17" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	681.27	69.01
		For Tempered Clear Insulated Glass, Add	*108.89*	
08 52 16 00-0229	EA	20-1/2" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	704.09	70.19
		For Tempered Clear Insulated Glass, Add	*112.74*	
08 52 16 00-0230	EA	24-1/8" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	729.70	72.58
		For Tempered Clear Insulated Glass, Add	*116.91*	
08 52 16 00-0231	EA	28-3/8" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	867.59	74.95
		For Tempered Clear Insulated Glass, Add	*143.54*	
08 52 16 00-0232	EA	31-1/2" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	898.37	77.34
		For Tempered Clear Insulated Glass, Add	*148.98*	
08 52 16 00-0233	EA	35-15/16" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	944.89	79.72
		For Tempered Clear Insulated Glass, Add	*157.33*	
08 52 16 00-0234		71-7/8" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0180)*		
08 52 16 00-0235	EA	17" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	729.70	72.58
		For Tempered Clear Insulated Glass, Add	*116.91*	
08 52 16 00-0236	EA	20-1/2" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	754.12	74.95
		For Tempered Clear Insulated Glass, Add	*121.08*	
08 52 16 00-0237	EA	24-1/8" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	779.73	76.74
		For Tempered Clear Insulated Glass, Add	*125.25*	
08 52 16 00-0238	EA	28-3/8" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	940.08	79.12
		For Tempered Clear Insulated Glass, Add	*156.37*	
08 52 16 00-0239	EA	31-1/2" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	977.76	80.90
		For Tempered Clear Insulated Glass, Add	*163.19*	
08 52 16 00-0240	EA	35-15/16" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	1,017.39	83.29
		For Tempered Clear Insulated Glass, Add	*170.16*	
08 52 16 00-0241		Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0179)*		
08 52 16 00-0242		24-1/8" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0241)*		
08 52 16 00-0243	EA	40-3/4" x 24-1/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	710.67	58.30
		For Tempered Clear Insulated Glass, Add	*118.82*	
08 52 16 00-0244	EA	48" x 24-1/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	807.06	63.06
		For Tempered Clear Insulated Glass, Add	*136.19*	
08 52 16 00-0245	EA	56-1/2" x 24-1/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	918.55	67.82
		For Tempered Clear Insulated Glass, Add	*156.58*	
08 52 16 00-0246		28-3/8" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0241)*		
08 52 16 00-0247	EA	40-3/4" x 28-3/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	766.33	60.68
		For Tempered Clear Insulated Glass, Add	*129.00*	
08 52 16 00-0248	EA	48" x 28-3/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	862.72	65.43
		For Tempered Clear Insulated Glass, Add	*146.37*	
08 52 16 00-0249	EA	56-1/2" x 28-3/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	974.21	70.19
		For Tempered Clear Insulated Glass, Add	*166.76*	
08 52 16 00-0250		35-15/16" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0241)*		
08 52 16 00-0251	EA	33-3/4" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	759.51	60.68
		For Tempered Clear Insulated Glass, Add	*127.63*	
08 52 16 00-0252	EA	40-3/4" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	857.67	65.43
		For Tempered Clear Insulated Glass, Add	*145.60*	
08 52 16 00-0253	EA	48" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	960.22	70.19
		For Tempered Clear Insulated Glass, Add	*164.20*	
08 52 16 00-0254	EA	56-1/2" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,078.81	74.36
		For Tempered Clear Insulated Glass, Add	*186.02*	
08 52 16 00-0255	EA	62-3/4" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,158.34	77.93
		For Tempered Clear Insulated Glass, Add	*200.50*	
08 52 16 00-0256	EA	71-5/8" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,290.75	83.29
		For Tempered Clear Insulated Glass, Add	*224.84*	
08 52 16 00-0257		40-13/16" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0241)*		

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08 52 16 00-0258	EA	33-3/4" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	828.01	63.65
		For Tempered Clear Insulated Glass, Add	*140.14*	
08 52 16 00-0259	EA	40-3/4" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	926.18	67.82
		For Tempered Clear Insulated Glass, Add	*158.11*	
08 52 16 00-0260	EA	48" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,028.72	72.58
		For Tempered Clear Insulated Glass, Add	*176.71*	
08 52 16 00-0261	EA	56-1/2" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,147.32	77.34
		For Tempered Clear Insulated Glass, Add	*198.53*	
08 52 16 00-0262	EA	62-3/4" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,235.35	80.90
		For Tempered Clear Insulated Glass, Add	*214.71*	
08 52 16 00-0263	EA	71-5/8" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,604.66	86.26
		For Tempered Clear Insulated Glass, Add	*286.43*	

08 52 16 00-0264 48" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0241)*

08 52 16 00-0265	EA	33-3/4" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	928.96	68.41
		For Tempered Clear Insulated Glass, Add	*158.43*	
08 52 16 00-0266	EA	40-3/4" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,028.72	72.58
		For Tempered Clear Insulated Glass, Add	*176.71*	
08 52 16 00-0267	EA	48" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,131.28	77.34
		For Tempered Clear Insulated Glass, Add	*195.32*	
08 52 16 00-0268	EA	56-1/2" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,249.87	82.09
		For Tempered Clear Insulated Glass, Add	*217.14*	
08 52 16 00-0269	EA	62-3/4" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,334.21	85.66
		For Tempered Clear Insulated Glass, Add	*232.58*	
08 52 16 00-0270	EA	71-5/8" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,461.81	91.02
		For Tempered Clear Insulated Glass, Add	*255.95*	

08 52 16 00-0271 52-13/16" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0241)*

08 52 16 00-0272	EA	33-3/4" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	996.28	70.79
		For Tempered Clear Insulated Glass, Add	*170.94*	
08 52 16 00-0273	EA	40-3/4" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,094.44	74.95
		For Tempered Clear Insulated Glass, Add	*188.91*	
08 52 16 00-0274	EA	48" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,185.09	79.72
		For Tempered Clear Insulated Glass, Add	*205.13*	
08 52 16 00-0275	EA	56-1/2" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,315.59	84.48
		For Tempered Clear Insulated Glass, Add	*229.33*	
08 52 16 00-0276	EA	62-3/4" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,403.94	88.04
		For Tempered Clear Insulated Glass, Add	*245.57*	
08 52 16 00-0277	EA	71-5/8" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,529.13	93.39
		For Tempered Clear Insulated Glass, Add	*268.47*	

08 52 16 00-0278 59-7/8" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0241)*

08 52 16 00-0279	EA	33-3/4" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,096.04	74.95
		For Tempered Clear Insulated Glass, Add	*189.23*	
08 52 16 00-0280	EA	40-3/4" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,194.20	79.72
		For Tempered Clear Insulated Glass, Add	*207.19*	
08 52 16 00-0281	EA	48" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,296.74	84.48
		For Tempered Clear Insulated Glass, Add	*225.80*	
08 52 16 00-0282	EA	56-1/2" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,415.35	88.64
		For Tempered Clear Insulated Glass, Add	*247.61*	
08 52 16 00-0283	EA	62-3/4" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,503.69	92.21
		For Tempered Clear Insulated Glass, Add	*263.86*	
08 52 16 00-0284	EA	71-5/8" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,627.27	97.56
		For Tempered Clear Insulated Glass, Add	*286.43*	

08 52 16 00-0285 64-13/16" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0241)*

08 52 16 00-0286	EA	33-3/4" x 64-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,164.55	77.93
		For Tempered Clear Insulated Glass, Add	*201.74*	
08 52 16 00-0287	EA	40-3/4" x 64-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,262.70	82.09
		For Tempered Clear Insulated Glass, Add	*219.70*	
08 52 16 00-0288	EA	48" x 64-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,366.85	86.85
		For Tempered Clear Insulated Glass, Add	*238.63*	
08 52 16 00-0289	EA	56-1/2" x 64-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,485.45	91.61
		For Tempered Clear Insulated Glass, Add	*260.45*	

08 52 16 00-0290 71-7/8" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0241)*

08 52 16 00-0291	EA	33-3/4" x 71-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,264.31	82.09
		For Tempered Clear Insulated Glass, Add	*220.02*	
08 52 16 00-0292	EA	40-3/4" x 71-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,362.45	86.85
		For Tempered Clear Insulated Glass, Add	*237.99*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0293	EA	48" x 71-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,465.02	91.61
		For Tempered Clear Insulated Glass, Add	*256.60*	
08 52 16 00-0294	EA	56-1/2" x 71-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,583.61	95.78
		For Tempered Clear Insulated Glass, Add	*278.41*	
08 52 16 00-0295		One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0179)*		
08 52 16 00-0296		24-1/8" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0295)*		
08 52 16 00-0297	EA	71-7/8" x 24-1/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,123.81	76.74
		For Tempered Clear Insulated Glass, Add	*194.07*	
08 52 16 00-0298	EA	84-5/8" x 24-1/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,306.27	84.48
		For Tempered Clear Insulated Glass, Add	*227.46*	
08 52 16 00-0299		28-3/8" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0295)*		
08 52 16 00-0300	EA	71-7/8" x 28-3/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,192.11	79.12
		For Tempered Clear Insulated Glass, Add	*206.77*	
08 52 16 00-0301	EA	84-5/8" x 28-3/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,362.65	86.85
		For Tempered Clear Insulated Glass, Add	*237.79*	
08 52 16 00-0302		35-15/16" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0295)*		
08 52 16 00-0303	EA	61" x 35-15/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,147.64	77.34
		For Tempered Clear Insulated Glass, Add	*198.59*	
08 52 16 00-0304	EA	71-7/8" x 35-15/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,293.96	83.29
		For Tempered Clear Insulated Glass, Add	*225.48*	
08 52 16 00-0305	EA	84-5/8" x 35-15/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,474.64	91.61
		For Tempered Clear Insulated Glass, Add	*258.52*	
08 52 16 00-0306		40-13/16" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0295)*		
08 52 16 00-0307	EA	61" x 40-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,212.88	80.90
		For Tempered Clear Insulated Glass, Add	*210.45*	
08 52 16 00-0308	EA	71-7/8" x 40-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,364.06	86.26
		For Tempered Clear Insulated Glass, Add	*238.31*	
08 52 16 00-0309	EA	84-5/8" x 40-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,543.14	93.99
		For Tempered Clear Insulated Glass, Add	*271.03*	
08 52 16 00-0310		48" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0295)*		
08 52 16 00-0311	EA	71-7/8" x 48", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,465.02	91.02
		For Tempered Clear Insulated Glass, Add	*256.60*	
08 52 16 00-0312	EA	84-5/8" x 48", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,644.10	98.75
		For Tempered Clear Insulated Glass, Add	*289.32*	
08 52 16 00-0313		52-13/16" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0295)*		
08 52 16 00-0314	EA	71-7/8" x 52-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,532.34	93.39
		For Tempered Clear Insulated Glass, Add	*269.11*	
08 52 16 00-0315	EA	84-5/8" x 52-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,711.41	101.13
		For Tempered Clear Insulated Glass, Add	*301.83*	
08 52 16 00-0316		59-7/8" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0295)*		
08 52 16 00-0317	EA	71-7/8" x 59-7/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,630.48	97.56
		For Tempered Clear Insulated Glass, Add	*287.07*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0318	EA	84-5/8" x 59-7/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	1,811.17	105.89
		For Tempered Clear Insulated Glass, Add	*320.12*	

08 52 16 00-0319 Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0178)*

Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and Low-E insulated glass. Excludes grilles and insect screens.

08 52 16 00-0320 One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0319)*

08 52 16 00-0321 24-1/8" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0320)*

08 52 16 00-0322	EA	17" x 24-1/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	474.08	45.21
		For Tempered Low-E Insulated Glass, Add	*76.97*	
08 52 16 00-0323	EA	20-1/2" x 24-1/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	501.70	46.40
		For Tempered Low-E Insulated Glass, Add	*81.78*	
08 52 16 00-0324	EA	24-1/8" x 24-1/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	532.53	48.79
		For Tempered Low-E Insulated Glass, Add	*86.99*	
08 52 16 00-0325	EA	28-3/8" x 24-1/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	560.92	51.16
		For Tempered Low-E Insulated Glass, Add	*91.72*	

08 52 16 00-0326 28-3/8" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0320)*

08 52 16 00-0327	EA	17" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	508.91	47.59
		For Tempered Low-E Insulated Glass, Add	*82.98*	
08 52 16 00-0328	EA	20-1/2" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	536.54	48.79
		For Tempered Low-E Insulated Glass, Add	*87.80*	
08 52 16 00-0329	EA	24-1/8" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	567.37	51.16
		For Tempered Low-E Insulated Glass, Add	*93.01*	
08 52 16 00-0330	EA	28-3/8" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	582.43	53.54
		For Tempered Low-E Insulated Glass, Add	*95.07*	
08 52 16 00-0331	EA	31-1/2" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	618.31	55.92
		For Tempered Low-E Insulated Glass, Add	*101.53*	

08 52 16 00-0332 35-15/16" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0320)*

08 52 16 00-0333	EA	17" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	571.38	51.16
		For Tempered Low-E Insulated Glass, Add	*93.81*	
08 52 16 00-0334	EA	20-1/2" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	601.01	53.54
		For Tempered Low-E Insulated Glass, Add	*99.02*	
08 52 16 00-0335	EA	24-1/8" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	631.84	55.33
		For Tempered Low-E Insulated Glass, Add	*104.24*	
08 52 16 00-0336	EA	28-3/8" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	680.71	57.70
		For Tempered Low-E Insulated Glass, Add	*113.06*	
08 52 16 00-0337	EA	31-1/2" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	727.32	59.48
		For Tempered Low-E Insulated Glass, Add	*121.67*	
08 52 16 00-0338	EA	35-15/16" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	772.86	60.68
		For Tempered Low-E Insulated Glass, Add	*130.30*	

08 52 16 00-0339 40-13/16" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0320)*

08 52 16 00-0340	EA	17" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	613.42	54.73
		For Tempered Low-E Insulated Glass, Add	*101.03*	
08 52 16 00-0341	EA	20-1/2" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	641.05	55.92
		For Tempered Low-E Insulated Glass, Add	*105.84*	
08 52 16 00-0342	EA	24-1/8" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	671.86	58.30
		For Tempered Low-E Insulated Glass, Add	*111.05*	
08 52 16 00-0343	EA	28-3/8" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	742.79	60.68
		For Tempered Low-E Insulated Glass, Add	*124.29*	
08 52 16 00-0344	EA	31-1/2" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	791.65	63.06
		For Tempered Low-E Insulated Glass, Add	*133.34*	
08 52 16 00-0345	EA	35-15/16" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	837.35	65.43
		For Tempered Low-E Insulated Glass, Add	*141.53*	

08 52 16 00-0346 48" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0320)*

08 52 16 00-0347	EA	17" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	673.06	59.48
		For Tempered Low-E Insulated Glass, Add	*111.05*	
08 52 16 00-0348	EA	20-1/2" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	702.69	60.68
		For Tempered Low-E Insulated Glass, Add	*116.27*	
08 52 16 00-0349	EA	24-1/8" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	733.52	63.06
		For Tempered Low-E Insulated Glass, Add	*121.48*	
08 52 16 00-0350	EA	28-3/8" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	831.51	65.43
		For Tempered Low-E Insulated Glass, Add	*140.13*	
08 52 16 00-0351	EA	31-1/2" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	869.69	67.82
		For Tempered Low-E Insulated Glass, Add	*147.05*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0352	EA	35-15/16" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	927.06	70.19
		For Tempered Low-E Insulated Glass, Add	*157.57*	

08 52 16 00-0353 52-13/16" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0320)*

08 52 16 00-0354	EA	17" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	713.90	61.87
		For Tempered Low-E Insulated Glass, Add	*118.27*	
08 52 16 00-0355	EA	20-1/2" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	741.54	63.06
		For Tempered Low-E Insulated Glass, Add	*123.08*	
08 52 16 00-0356	EA	24-1/8" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	772.37	65.43
		For Tempered Low-E Insulated Glass, Add	*128.30*	
08 52 16 00-0357	EA	28-3/8" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	893.42	67.82
		For Tempered Low-E Insulated Glass, Add	*151.56*	
08 52 16 00-0358	EA	31-1/2" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	950.59	70.19
		For Tempered Low-E Insulated Glass, Add	*162.28*	
08 52 16 00-0359	EA	35-15/16" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	987.96	72.58
		For Tempered Low-E Insulated Glass, Add	*168.80*	

08 52 16 00-0360 59-7/8" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0320)*

08 52 16 00-0361	EA	17" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	772.37	65.43
		For Tempered Low-E Insulated Glass, Add	*128.30*	
08 52 16 00-0362	EA	20-1/2" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	802.01	67.82
		For Tempered Low-E Insulated Glass, Add	*133.51*	
08 52 16 00-0363	EA	24-1/8" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	832.82	69.60
		For Tempered Low-E Insulated Glass, Add	*138.72*	
08 52 16 00-0364	EA	28-3/8" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	981.94	71.99
		For Tempered Low-E Insulated Glass, Add	*167.60*	
08 52 16 00-0365	EA	31-1/2" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	1,022.37	73.77
		For Tempered Low-E Insulated Glass, Add	*174.97*	
08 52 16 00-0366	EA	35-15/16" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	1,076.49	76.14
		For Tempered Low-E Insulated Glass, Add	*184.84*	

08 52 16 00-0367 64-13/16" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0320)*

08 52 16 00-0368	EA	17" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	814.40	69.01
		For Tempered Low-E Insulated Glass, Add	*135.52*	
08 52 16 00-0369	EA	20-1/2" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	842.04	70.19
		For Tempered Low-E Insulated Glass, Add	*140.33*	
08 52 16 00-0370	EA	24-1/8" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	872.86	72.58
		For Tempered Low-E Insulated Glass, Add	*145.54*	
08 52 16 00-0371	EA	28-3/8" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	1,044.03	74.95
		For Tempered Low-E Insulated Glass, Add	*178.82*	
08 52 16 00-0372	EA	31-1/2" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	1,081.61	77.34
		For Tempered Low-E Insulated Glass, Add	*185.63*	
08 52 16 00-0373	EA	35-15/16" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	1,138.58	79.72
		For Tempered Low-E Insulated Glass, Add	*196.07*	

08 52 16 00-0374 71-7/8" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0320)*

08 52 16 00-0375	EA	17" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	872.86	72.58
		For Tempered Low-E Insulated Glass, Add	*145.54*	
08 52 16 00-0376	EA	20-1/2" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	902.49	74.95
		For Tempered Low-E Insulated Glass, Add	*150.75*	
08 52 16 00-0377	EA	24-1/8" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	933.32	76.74
		For Tempered Low-E Insulated Glass, Add	*155.97*	
08 52 16 00-0378	EA	28-3/8" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	1,132.57	79.12
		For Tempered Low-E Insulated Glass, Add	*194.87*	
08 52 16 00-0379	EA	31-1/2" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	1,178.78	80.90
		For Tempered Low-E Insulated Glass, Add	*203.39*	
08 52 16 00-0380	EA	35-15/16" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series)	1,227.11	83.29
		For Tempered Low-E Insulated Glass, Add	*212.11*	

08 52 16 00-0381 Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0319)*

08 52 16 00-0382 24-1/8" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0381)*

08 52 16 00-0383	EA	40-3/4" x 24-1/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	853.23	58.30
		For Tempered Low-E Insulated Glass, Add	*147.33*	
08 52 16 00-0384	EA	48" x 24-1/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	971.34	63.06
		For Tempered Low-E Insulated Glass, Add	*169.04*	
08 52 16 00-0385	EA	56-1/2" x 24-1/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,108.32	67.82
		For Tempered Low-E Insulated Glass, Add	*194.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0386		**28-3/8" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series)** *(08 52 16 00-0381)*		
08 52 16 00-0387	EA	40-3/4" x 28-3/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	921.62	60.68
		For Tempered Low-E Insulated Glass, Add	*160.05*	
08 52 16 00-0388	EA	48" x 28-3/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,039.73	65.43
		For Tempered Low-E Insulated Glass, Add	*181.77*	
08 52 16 00-0389	EA	56-1/2" x 28-3/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,176.71	70.19
		For Tempered Low-E Insulated Glass, Add	*207.26*	
08 52 16 00-0390		**35-15/16" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series)** *(08 52 16 00-0381)*		
08 52 16 00-0391	EA	33-3/4" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	913.09	60.68
		For Tempered Low-E Insulated Glass, Add	*158.35*	
08 52 16 00-0392	EA	40-3/4" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,033.72	65.43
		For Tempered Low-E Insulated Glass, Add	*180.81*	
08 52 16 00-0393	EA	48" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,159.52	70.19
		For Tempered Low-E Insulated Glass, Add	*204.06*	
08 52 16 00-0394	EA	56-1/2" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,305.38	74.36
		For Tempered Low-E Insulated Glass, Add	*231.33*	
08 52 16 00-0395	EA	62-3/4" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,403.00	77.93
		For Tempered Low-E Insulated Glass, Add	*249.43*	
08 52 16 00-0396	EA	71-5/8" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,565.84	83.29
		For Tempered Low-E Insulated Glass, Add	*279.85*	
08 52 16 00-0397		**40-13/16" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series)** *(08 52 16 00-0381)*		
08 52 16 00-0398	EA	33-3/4" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	997.24	63.65
		For Tempered Low-E Insulated Glass, Add	*173.99*	
08 52 16 00-0399	EA	40-3/4" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,117.86	67.82
		For Tempered Low-E Insulated Glass, Add	*196.44*	
08 52 16 00-0400	EA	48" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,243.66	72.58
		For Tempered Low-E Insulated Glass, Add	*219.70*	
08 52 16 00-0401	EA	56-1/2" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,389.53	77.34
		For Tempered Low-E Insulated Glass, Add	*246.97*	
08 52 16 00-0402	EA	62-3/4" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,497.78	80.90
		For Tempered Low-E Insulated Glass, Add	*267.19*	
08 52 16 00-0403	EA	71-5/8" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,956.75	86.26
		For Tempered Low-E Insulated Glass, Add	*356.85*	
08 52 16 00-0404		**48" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series)** *(08 52 16 00-0381)*		
08 52 16 00-0405	EA	33-3/4" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,121.05	68.41
		For Tempered Low-E Insulated Glass, Add	*196.85*	
08 52 16 00-0406	EA	40-3/4" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,243.66	72.58
		For Tempered Low-E Insulated Glass, Add	*219.70*	
08 52 16 00-0407	EA	48" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,369.48	77.34
		For Tempered Low-E Insulated Glass, Add	*242.96*	
08 52 16 00-0408	EA	56-1/2" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,515.34	82.09
		For Tempered Low-E Insulated Glass, Add	*270.23*	
08 52 16 00-0409	EA	62-3/4" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,618.98	85.66
		For Tempered Low-E Insulated Glass, Add	*289.53*	
08 52 16 00-0410	EA	71-5/8" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,775.80	91.02
		For Tempered Low-E Insulated Glass, Add	*318.75*	
08 52 16 00-0411		**52-13/16" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series)** *(08 52 16 00-0381)*		
08 52 16 00-0412	EA	33-3/4" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,204.00	70.79
		For Tempered Low-E Insulated Glass, Add	*212.48*	
08 52 16 00-0413	EA	40-3/4" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,324.62	74.95
		For Tempered Low-E Insulated Glass, Add	*234.94*	
08 52 16 00-0414	EA	48" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,438.52	79.72
		For Tempered Low-E Insulated Glass, Add	*255.82*	
08 52 16 00-0415	EA	56-1/2" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,596.29	84.48
		For Tempered Low-E Insulated Glass, Add	*285.47*	
08 52 16 00-0416	EA	62-3/4" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,704.95	88.04
		For Tempered Low-E Insulated Glass, Add	*305.77*	
08 52 16 00-0417	EA	71-5/8" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,858.76	93.39
		For Tempered Low-E Insulated Glass, Add	*334.39*	
08 52 16 00-0418		**59-7/8" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series)** *(08 52 16 00-0381)*		
08 52 16 00-0419	EA	33-3/4" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,326.62	74.95
		For Tempered Low-E Insulated Glass, Add	*235.34*	
08 52 16 00-0420	EA	40-3/4" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,447.23	79.72
		For Tempered Low-E Insulated Glass, Add	*257.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0421	EA	48" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,573.04	84.48
		For Tempered Low-E Insulated Glass, Add	*281.06*	
08 52 16 00-0422	EA	56-1/2" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,718.91	88.64
		For Tempered Low-E Insulated Glass, Add	*308.33*	
08 52 16 00-0423	EA	62-3/4" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,827.56	92.21
		For Tempered Low-E Insulated Glass, Add	*328.63*	
08 52 16 00-0424	EA	71-5/8" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,979.36	97.56
		For Tempered Low-E Insulated Glass, Add	*356.85*	
08 52 16 00-0425		64-13/16" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0381)*		
08 52 16 00-0426	EA	33-3/4" x 64-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,410.77	77.93
		For Tempered Low-E Insulated Glass, Add	*250.98*	
08 52 16 00-0427	EA	40-3/4" x 64-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,531.38	82.09
		For Tempered Low-E Insulated Glass, Add	*273.44*	
08 52 16 00-0428	EA	48" x 64-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,659.19	86.85
		For Tempered Low-E Insulated Glass, Add	*297.10*	
08 52 16 00-0429	EA	56-1/2" x 64-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,805.05	91.61
		For Tempered Low-E Insulated Glass, Add	*324.37*	
08 52 16 00-0430		71-7/8" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0381)*		
08 52 16 00-0431	EA	33-3/4" x 71-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,533.39	82.09
		For Tempered Low-E Insulated Glass, Add	*273.84*	
08 52 16 00-0432	EA	40-3/4" x 71-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,653.99	86.85
		For Tempered Low-E Insulated Glass, Add	*296.30*	
08 52 16 00-0433	EA	48" x 71-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,779.81	91.61
		For Tempered Low-E Insulated Glass, Add	*319.55*	
08 52 16 00-0434	EA	56-1/2" x 71-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,925.67	95.78
		For Tempered Low-E Insulated Glass, Add	*346.82*	
08 52 16 00-0435		One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0319)*		
08 52 16 00-0436		24-1/8" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0435)*		
08 52 16 00-0437	EA	71-7/8" x 24-1/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,363.41	76.74
		For Tempered Low-E Insulated Glass, Add	*241.99*	
08 52 16 00-0438	EA	84-5/8" x 24-1/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,584.64	84.48
		For Tempered Low-E Insulated Glass, Add	*283.14*	
08 52 16 00-0439		28-3/8" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0435)*		
08 52 16 00-0440	EA	71-7/8" x 28-3/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,444.62	79.12
		For Tempered Low-E Insulated Glass, Add	*257.28*	
08 52 16 00-0441	EA	84-5/8" x 28-3/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,653.93	86.85
		For Tempered Low-E Insulated Glass, Add	*296.05*	
08 52 16 00-0442		35-15/16" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0435)*		
08 52 16 00-0443	EA	61" x 35-15/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,389.93	77.34
		For Tempered Low-E Insulated Glass, Add	*247.05*	
08 52 16 00-0444	EA	71-7/8" x 35-15/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,569.85	83.29
		For Tempered Low-E Insulated Glass, Add	*280.66*	
08 52 16 00-0445	EA	84-5/8" x 35-15/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,791.84	91.61
		For Tempered Low-E Insulated Glass, Add	*321.96*	
08 52 16 00-0446		40-13/16" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0435)*		
08 52 16 00-0447	EA	61" x 40-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,469.99	80.90
		For Tempered Low-E Insulated Glass, Add	*261.87*	
08 52 16 00-0448	EA	71-7/8" x 40-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,655.99	86.26
		For Tempered Low-E Insulated Glass, Add	*296.70*	
08 52 16 00-0449	EA	84-5/8" x 40-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,875.98	93.99
		For Tempered Low-E Insulated Glass, Add	*337.60*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0450		48" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0435)*		
08 52 16 00-0451	EA	71-7/8" x 48", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,779.81	91.02
		For Tempered Low-E Insulated Glass, Add	*319.55*	
08 52 16 00-0452	EA	84-5/8" x 48", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,999.80	98.75
		For Tempered Low-E Insulated Glass, Add	*360.46*	
08 52 16 00-0453		52-13/16" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0435)*		
08 52 16 00-0454	EA	71-7/8" x 52-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,862.77	93.39
		For Tempered Low-E Insulated Glass, Add	*335.19*	
08 52 16 00-0455	EA	84-5/8" x 52-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	2,082.74	101.13
		For Tempered Low-E Insulated Glass, Add	*376.10*	
08 52 16 00-0456		59-7/8" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0435)*		
08 52 16 00-0457	EA	71-7/8" x 59-7/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,983.37	97.56
		For Tempered Low-E Insulated Glass, Add	*357.65*	
08 52 16 00-0458	EA	84-5/8" x 59-7/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	2,205.36	105.89
		For Tempered Low-E Insulated Glass, Add	*398.95*	
08 52 16 00-0459		Awning Wood Clad Windows *(08 52 16)*		
		Note: Awning windows are hinged at the top of the frame and swing outward with a crank or push out operation.		
08 52 16 00-0460		Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0459)*		
		Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and clear insulated glass. Excludes grilles and insect screens.		
08 52 16 00-0461		Venting, Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0460)*		
08 52 16 00-0462		17" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0461)*		
08 52 16 00-0463	EA	24-1/8" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series)	432.62	48.79
		For Tempered Clear Insulated Glass, Add	*67.01*	
08 52 16 00-0464	EA	28-3/8" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series)	463.05	51.16
		For Tempered Clear Insulated Glass, Add	*72.15*	
08 52 16 00-0465	EA	31-1/2" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series)	487.93	52.94
		For Tempered Clear Insulated Glass, Add	*76.41*	
08 52 16 00-0466	EA	35-15/16" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series)	519.50	55.33
		For Tempered Clear Insulated Glass, Add	*81.77*	
08 52 16 00-0467	EA	40-13/16" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series)	555.91	58.30
		For Tempered Clear Insulated Glass, Add	*87.86*	
08 52 16 00-0468	EA	48" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series)	611.96	63.06
		For Tempered Clear Insulated Glass, Add	*97.17*	
08 52 16 00-0469	EA	52-13/16" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series)	647.20	65.43
		For Tempered Clear Insulated Glass, Add	*103.26*	
08 52 16 00-0470	EA	59-7/8" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series)	698.83	70.19
		For Tempered Clear Insulated Glass, Add	*111.93*	
08 52 16 00-0471	EA	64-13/16" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series)	718.50	72.58
		For Tempered Clear Insulated Glass, Add	*114.67*	
08 52 16 00-0472	EA	71-7/8" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series)	769.59	76.74
		For Tempered Clear Insulated Glass, Add	*123.22*	
08 52 16 00-0473		20-1/2" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0461)*		
08 52 16 00-0474	EA	24-1/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	456.23	51.16
		For Tempered Clear Insulated Glass, Add	*71.02*	
08 52 16 00-0475	EA	28-3/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	489.07	53.54
		For Tempered Clear Insulated Glass, Add	*76.64*	
08 52 16 00-0476	EA	31-1/2" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	510.55	54.73
		For Tempered Clear Insulated Glass, Add	*80.22*	
08 52 16 00-0477	EA	35-15/16" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	545.52	57.11
		For Tempered Clear Insulated Glass, Add	*86.26*	
08 52 16 00-0478	EA	40-13/16" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	581.95	60.68
		For Tempered Clear Insulated Glass, Add	*92.36*	
08 52 16 00-0479	EA	48" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	636.38	64.84
		For Tempered Clear Insulated Glass, Add	*101.34*	
08 52 16 00-0480	EA	52-13/16" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	671.62	67.82
		For Tempered Clear Insulated Glass, Add	*107.43*	
08 52 16 00-0481	EA	59-7/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	724.85	71.38
		For Tempered Clear Insulated Glass, Add	*116.42*	

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08 52 16 00-0482	EA	64-13/16" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	742.66	74.95
		For Tempered Clear Insulated Glass, Add	*118.79*	
08 52 16 00-0483	EA	71-7/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	795.33	78.53
		For Tempered Clear Insulated Glass, Add	*127.66*	
08 52 16 00-0484	EA	84-5/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	1,218.16	86.85
		For Tempered Clear Insulated Glass, Add	*209.13*	

08 52 16 00-0485 24-1/8" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0461)*

08 52 16 00-0486	EA	24-1/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	485.86	53.54
		For Tempered Clear Insulated Glass, Add	*75.99*	
08 52 16 00-0487	EA	28-3/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	516.29	55.92
		For Tempered Clear Insulated Glass, Add	*81.13*	
08 52 16 00-0488	EA	31-1/2" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	537.08	57.11
		For Tempered Clear Insulated Glass, Add	*84.57*	
08 52 16 00-0489	EA	35-15/16" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	572.74	59.48
		For Tempered Clear Insulated Glass, Add	*90.75*	
08 52 16 00-0490	EA	40-13/16" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	609.17	63.06
		For Tempered Clear Insulated Glass, Add	*96.85*	
08 52 16 00-0491	EA	48" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	665.20	67.22
		For Tempered Clear Insulated Glass, Add	*106.15*	
08 52 16 00-0492	EA	52-13/16" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	700.43	70.19
		For Tempered Clear Insulated Glass, Add	*112.25*	
08 52 16 00-0493	EA	59-7/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	753.67	73.77
		For Tempered Clear Insulated Glass, Add	*121.23*	
08 52 16 00-0494	EA	64-13/16" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	769.59	77.34
		For Tempered Clear Insulated Glass, Add	*123.22*	
08 52 16 00-0495	EA	71-7/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	820.62	80.90
		For Tempered Clear Insulated Glass, Add	*131.76*	
08 52 16 00-0496	EA	84-5/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	1,281.42	89.24
		For Tempered Clear Insulated Glass, Add	*220.83*	

08 52 16 00-0497 28-3/8" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0461)*

08 52 16 00-0498	EA	24-1/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	485.81	55.92
		For Tempered Clear Insulated Glass, Add	*75.03*	
08 52 16 00-0499	EA	28-3/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	532.28	58.30
		For Tempered Clear Insulated Glass, Add	*83.37*	
08 52 16 00-0500	EA	31-1/2" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	562.24	59.48
		For Tempered Clear Insulated Glass, Add	*88.65*	
08 52 16 00-0501	EA	35-15/16" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	617.60	61.87
		For Tempered Clear Insulated Glass, Add	*98.77*	
08 52 16 00-0502	EA	40-13/16" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	673.28	65.43
		For Tempered Clear Insulated Glass, Add	*108.72*	
08 52 16 00-0503	EA	48" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	754.97	69.60
		For Tempered Clear Insulated Glass, Add	*123.15*	
08 52 16 00-0504	EA	52-13/16" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	807.85	72.58
		For Tempered Clear Insulated Glass, Add	*132.78*	
08 52 16 00-0505	EA	59-7/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	888.36	76.14
		For Tempered Clear Insulated Glass, Add	*147.21*	
08 52 16 00-0506	EA	64-13/16" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	918.47	79.72
		For Tempered Clear Insulated Glass, Add	*152.05*	
08 52 16 00-0507	EA	71-7/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	996.49	83.29
		For Tempered Clear Insulated Glass, Add	*165.98*	
08 52 16 00-0508	EA	84-5/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	1,316.23	91.61
		For Tempered Clear Insulated Glass, Add	*226.84*	

08 52 16 00-0509 31-1/2" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0461)*

08 52 16 00-0510	EA	28-3/8" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	562.24	59.48
		For Tempered Clear Insulated Glass, Add	*88.65*	
08 52 16 00-0511	EA	31-1/2" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	594.37	61.28
		For Tempered Clear Insulated Glass, Add	*94.37*	
08 52 16 00-0512	EA	35-15/16" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	638.58	63.65
		For Tempered Clear Insulated Glass, Add	*102.26*	
08 52 16 00-0513	EA	40-13/16" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	688.06	66.63
		For Tempered Clear Insulated Glass, Add	*110.96*	
08 52 16 00-0514	EA	48" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	760.16	71.38
		For Tempered Clear Insulated Glass, Add	*123.48*	
08 52 16 00-0515	EA	52-13/16" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	809.81	73.77
		For Tempered Clear Insulated Glass, Add	*132.46*	
08 52 16 00-0516	EA	59-7/8" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	880.72	78.53
		For Tempered Clear Insulated Glass, Add	*144.97*	
08 52 16 00-0517	EA	64-13/16" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	930.20	80.90
		For Tempered Clear Insulated Glass, Add	*153.68*	
08 52 16 00-0518	EA	71-7/8" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	1,002.47	85.07
		For Tempered Clear Insulated Glass, Add	*166.47*	
08 52 16 00-0519	EA	84-5/8" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	1,402.52	92.80
		For Tempered Clear Insulated Glass, Add	*243.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0520		35-15/16" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0461)*		
08 52 16 00-0521	EA	31-1/2" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 200 Series)	638.58	63.65
		For Tempered Clear Insulated Glass, Add	*102.26*	
08 52 16 00-0522	EA	35-15/16" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 200 Series)	701.31	66.04
		For Tempered Clear Insulated Glass, Add	*113.85*	
08 52 16 00-0523	EA	40-13/16" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 200 Series)	756.98	69.01
		For Tempered Clear Insulated Glass, Add	*123.79*	
08 52 16 00-0524	EA	48" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 200 Series)	838.69	73.77
		For Tempered Clear Insulated Glass, Add	*138.23*	
08 52 16 00-0525	EA	52-13/16" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 200 Series)	893.17	76.14
		For Tempered Clear Insulated Glass, Add	*148.18*	
08 52 16 00-0526	EA	59-7/8" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 200 Series)	972.08	80.90
		For Tempered Clear Insulated Glass, Add	*162.29*	
08 52 16 00-0527	EA	64-13/16" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 200 Series)	852.37	83.29
		For Tempered Clear Insulated Glass, Add	*137.16*	
08 52 16 00-0528	EA	71-7/8" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 200 Series)	914.54	87.45
		For Tempered Clear Insulated Glass, Add	*147.93*	
08 52 16 00-0529		40-3/4" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0461)*		
08 52 16 00-0530	EA	35-15/16" x 40-3/4", Venting, Awning Wood Clad Window (Andersen 200 Series)	747.36	69.01
		For Tempered Clear Insulated Glass, Add	*121.87*	
08 52 16 00-0531	EA	40-13/16" x 40-3/4", Venting, Awning Wood Clad Window (Andersen 200 Series)	839.93	72.58
		For Tempered Clear Insulated Glass, Add	*139.19*	
08 52 16 00-0532		48" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0461)*		
08 52 16 00-0533	EA	35-15/16" x 48", Venting, Awning Wood Clad Window (Andersen 200 Series)	886.81	73.77
		For Tempered Clear Insulated Glass, Add	*147.86*	
08 52 16 00-0534	EA	40-13/16" x 48", Venting, Awning Wood Clad Window (Andersen 200 Series)	980.98	77.34
		For Tempered Clear Insulated Glass, Add	*165.50*	
08 52 16 00-0535	EA	48" x 48", Venting, Awning Wood Clad Window (Andersen 200 Series)	1,118.82	81.50
		For Tempered Clear Insulated Glass, Add	*191.16*	
08 52 16 00-0536		59-13/16" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0461)*		
08 52 16 00-0537	EA	35-15/16" x 59-13/16", Venting, Awning Wood Clad Window (Andersen 200 Series)	1,095.24	80.31
		For Tempered Clear Insulated Glass, Add	*186.92*	
08 52 16 00-0538	EA	40-13/16" x 59-13/16", Venting, Awning Wood Clad Window (Andersen 200 Series)	1,177.80	83.29
		For Tempered Clear Insulated Glass, Add	*202.25*	
08 52 16 00-0539		71-7/8" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0461)*		
08 52 16 00-0540	EA	24-1/8" x 71-7/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	1,196.03	80.90
		For Tempered Clear Insulated Glass, Add	*206.84*	
08 52 16 00-0541	EA	35-15/16" x 71-7/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	1,238.35	87.45
		For Tempered Clear Insulated Glass, Add	*212.69*	
08 52 16 00-0542	EA	40-13/16" x 71-7/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	1,368.93	90.42
		For Tempered Clear Insulated Glass, Add	*237.62*	
08 52 16 00-0543	EA	48" x 71-7/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	1,502.77	95.19
		For Tempered Clear Insulated Glass, Add	*262.48*	
08 52 16 00-0544		Stationary, Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0460)*		
08 52 16 00-0545		17" Height, Stationary, Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0544)*		
08 52 16 00-0546	EA	24-1/8" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series)	382.90	48.79
		For Tempered Clear Insulated Glass, Add	*57.07*	
08 52 16 00-0547	EA	28-3/8" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series)	411.72	51.16
		For Tempered Clear Insulated Glass, Add	*61.88*	
08 52 16 00-0548	EA	31-1/2" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series)	430.80	52.94
		For Tempered Clear Insulated Glass, Add	*64.98*	
08 52 16 00-0549	EA	35-15/16" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series)	461.75	55.33
		For Tempered Clear Insulated Glass, Add	*70.22*	
08 52 16 00-0550	EA	40-13/16" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series)	494.96	58.30
		For Tempered Clear Insulated Glass, Add	*75.67*	
08 52 16 00-0551	EA	48" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series)	546.19	63.06
		For Tempered Clear Insulated Glass, Add	*84.01*	
08 52 16 00-0552	EA	52-13/16" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series)	576.62	65.43
		For Tempered Clear Insulated Glass, Add	*89.15*	
08 52 16 00-0553	EA	59-7/8" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series)	625.04	70.19
		For Tempered Clear Insulated Glass, Add	*97.17*	
08 52 16 00-0554	EA	64-13/16" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series)	658.26	72.58
		For Tempered Clear Insulated Glass, Add	*102.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0555	EA	71-7/8" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series)	706.69	76.74
		For Tempered Clear Insulated Glass, Add	*110.64*	

08 52 16 00-0556 20-1/2" Height, Stationary, Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0544)*

08 52 16 00-0557	EA	24-1/8" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	405.71	51.16
		For Tempered Clear Insulated Glass, Add	*60.92*	
08 52 16 00-0558	EA	28-3/8" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	434.53	53.54
		For Tempered Clear Insulated Glass, Add	*65.73*	
08 52 16 00-0559	EA	31-1/2" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	452.05	54.73
		For Tempered Clear Insulated Glass, Add	*68.52*	
08 52 16 00-0560	EA	35-15/16" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	486.17	57.11
		For Tempered Clear Insulated Glass, Add	*74.39*	
08 52 16 00-0561	EA	40-13/16" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	519.39	60.68
		For Tempered Clear Insulated Glass, Add	*79.84*	
08 52 16 00-0562	EA	48" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	569.01	64.84
		For Tempered Clear Insulated Glass, Add	*87.86*	
08 52 16 00-0563	EA	52-13/16" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	601.04	67.82
		For Tempered Clear Insulated Glass, Add	*93.32*	
08 52 16 00-0564	EA	59-7/8" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	647.86	71.38
		For Tempered Clear Insulated Glass, Add	*101.02*	
08 52 16 00-0565	EA	64-13/16" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	682.68	74.95
		For Tempered Clear Insulated Glass, Add	*106.79*	
08 52 16 00-0566	EA	71-7/8" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	729.51	78.53
		For Tempered Clear Insulated Glass, Add	*114.49*	

08 52 16 00-0567 24-1/8" Height, Stationary, Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0544)*

08 52 16 00-0568	EA	24-1/8" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	431.33	53.54
		For Tempered Clear Insulated Glass, Add	*65.09*	
08 52 16 00-0569	EA	28-3/8" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	460.15	55.92
		For Tempered Clear Insulated Glass, Add	*69.90*	
08 52 16 00-0570	EA	31-1/2" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	475.86	57.11
		For Tempered Clear Insulated Glass, Add	*72.33*	
08 52 16 00-0571	EA	35-15/16" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	510.18	59.48
		For Tempered Clear Insulated Glass, Add	*78.24*	
08 52 16 00-0572	EA	40-13/16" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	543.40	63.06
		For Tempered Clear Insulated Glass, Add	*83.69*	
08 52 16 00-0573	EA	48" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	593.02	67.22
		For Tempered Clear Insulated Glass, Add	*91.71*	
08 52 16 00-0574	EA	52-13/16" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	625.04	70.19
		For Tempered Clear Insulated Glass, Add	*97.17*	
08 52 16 00-0575	EA	59-7/8" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	673.47	73.77
		For Tempered Clear Insulated Glass, Add	*105.19*	
08 52 16 00-0576	EA	64-13/16" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	706.69	77.34
		For Tempered Clear Insulated Glass, Add	*110.64*	
08 52 16 00-0577	EA	71-7/8" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	755.12	80.90
		For Tempered Clear Insulated Glass, Add	*118.66*	

08 52 16 00-0578 28-3/8" Height, Stationary, Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0544)*

08 52 16 00-0579	EA	24-1/8" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	434.48	55.92
		For Tempered Clear Insulated Glass, Add	*64.77*	
08 52 16 00-0580	EA	28-3/8" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	472.93	58.30
		For Tempered Clear Insulated Glass, Add	*71.50*	
08 52 16 00-0581	EA	31-1/2" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	494.22	59.48
		For Tempered Clear Insulated Glass, Add	*75.05*	
08 52 16 00-0582	EA	35-15/16" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	514.94	61.87
		For Tempered Clear Insulated Glass, Add	*78.24*	
08 52 16 00-0583	EA	40-13/16" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	586.66	65.43
		For Tempered Clear Insulated Glass, Add	*91.39*	
08 52 16 00-0584	EA	48" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	652.31	69.60
		For Tempered Clear Insulated Glass, Add	*102.62*	
08 52 16 00-0585	EA	52-13/16" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	695.57	72.58
		For Tempered Clear Insulated Glass, Add	*110.32*	
08 52 16 00-0586	EA	59-7/8" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	760.04	76.14
		For Tempered Clear Insulated Glass, Add	*121.55*	
08 52 16 00-0587	EA	64-13/16" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	806.09	79.72
		For Tempered Clear Insulated Glass, Add	*129.57*	
08 52 16 00-0588	EA	71-7/8" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	870.56	83.29
		For Tempered Clear Insulated Glass, Add	*140.80*	

08 52 16 00-0589 31-1/2" Height, Stationary, Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0544)*

08 52 16 00-0590	EA	28-3/8" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	494.22	59.48
		For Tempered Clear Insulated Glass, Add	*75.05*	
08 52 16 00-0591	EA	31-1/2" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	520.91	61.28
		For Tempered Clear Insulated Glass, Add	*79.67*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0592	EA	35-15/16" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	556.96	63.65
		For Tempered Clear Insulated Glass, Add	*85.93*	
08 52 16 00-0593	EA	40-13/16" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	598.28	66.63
		For Tempered Clear Insulated Glass, Add	*93.01*	
08 52 16 00-0594	EA	48" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	658.13	71.38
		For Tempered Clear Insulated Glass, Add	*103.07*	
08 52 16 00-0595	EA	52-13/16" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	698.26	73.77
		For Tempered Clear Insulated Glass, Add	*110.15*	
08 52 16 00-0596	EA	59-7/8" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	756.93	78.53
		For Tempered Clear Insulated Glass, Add	*120.21*	
08 52 16 00-0597	EA	64-13/16" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	796.89	80.90
		For Tempered Clear Insulated Glass, Add	*127.02*	
08 52 16 00-0598	EA	71-7/8" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	855.55	85.07
		For Tempered Clear Insulated Glass, Add	*137.08*	

08 52 16 00-0599 35-15/16" Height, Stationary, Awning Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0544)*

08 52 16 00-0600	EA	31-1/2" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 200 Series)	556.96	63.65
		For Tempered Clear Insulated Glass, Add	*85.93*	
08 52 16 00-0601	EA	35-15/16" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 200 Series)	609.88	66.04
		For Tempered Clear Insulated Glass, Add	*95.56*	
08 52 16 00-0602	EA	40-13/16" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 200 Series)	654.33	69.01
		For Tempered Clear Insulated Glass, Add	*103.26*	
08 52 16 00-0603	EA	48" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 200 Series)	721.59	73.77
		For Tempered Clear Insulated Glass, Add	*114.81*	
08 52 16 00-0604	EA	52-13/16" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 200 Series)	764.85	76.14
		For Tempered Clear Insulated Glass, Add	*122.51*	
08 52 16 00-0605	EA	59-7/8" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 200 Series)	829.32	80.90
		For Tempered Clear Insulated Glass, Add	*133.74*	
08 52 16 00-0606	EA	64-13/16" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 200 Series)	873.77	83.29
		For Tempered Clear Insulated Glass, Add	*141.44*	
08 52 16 00-0607	EA	71-7/8" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 200 Series)	938.24	87.45
		For Tempered Clear Insulated Glass, Add	*152.67*	

08 52 16 00-0608 Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0459)*

Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and Low-E insulated glass. Excludes grilles and insect screens.

08 52 16 00-0609 Venting, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0608)*

08 52 16 00-0610 17" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0609)*

08 52 16 00-0611	EA	24-1/8" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series)	512.02	48.79
		For Tempered Low-E Insulated Glass, Add	*82.89*	
08 52 16 00-0612	EA	28-3/8" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series)	548.86	51.16
		For Tempered Low-E Insulated Glass, Add	*89.31*	
08 52 16 00-0613	EA	31-1/2" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series)	579.08	52.94
		For Tempered Low-E Insulated Glass, Add	*94.64*	
08 52 16 00-0614	EA	35-15/16" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series)	617.34	55.33
		For Tempered Low-E Insulated Glass, Add	*101.34*	
08 52 16 00-0615	EA	40-13/16" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series)	661.38	58.30
		For Tempered Low-E Insulated Glass, Add	*108.96*	
08 52 16 00-0616	EA	48" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series)	729.05	63.06
		For Tempered Low-E Insulated Glass, Add	*120.59*	
08 52 16 00-0617	EA	52-13/16" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series)	771.91	65.43
		For Tempered Low-E Insulated Glass, Add	*128.21*	
08 52 16 00-0618	EA	59-7/8" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series)	834.37	70.19
		For Tempered Low-E Insulated Glass, Add	*139.03*	
08 52 16 00-0619	EA	64-13/16" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series)	857.47	72.58
		For Tempered Low-E Insulated Glass, Add	*142.46*	
08 52 16 00-0620	EA	71-7/8" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series)	919.25	76.74
		For Tempered Low-E Insulated Glass, Add	*153.15*	

08 52 16 00-0621 20-1/2" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0609)*

08 52 16 00-0622	EA	24-1/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	540.64	51.16
		For Tempered Low-E Insulated Glass, Add	*87.90*	
08 52 16 00-0623	EA	28-3/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	580.50	53.54
		For Tempered Low-E Insulated Glass, Add	*94.92*	
08 52 16 00-0624	EA	31-1/2" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	606.46	54.73
		For Tempered Low-E Insulated Glass, Add	*99.40*	
08 52 16 00-0625	EA	35-15/16" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	648.98	57.11
		For Tempered Low-E Insulated Glass, Add	*106.95*	
08 52 16 00-0626	EA	40-13/16" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	693.03	60.68
		For Tempered Low-E Insulated Glass, Add	*114.57*	
08 52 16 00-0627	EA	48" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	758.69	64.84
		For Tempered Low-E Insulated Glass, Add	*125.80*	
08 52 16 00-0628	EA	52-13/16" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	801.55	67.82
		For Tempered Low-E Insulated Glass, Add	*133.42*	
08 52 16 00-0629	EA	59-7/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	866.01	71.38
		For Tempered Low-E Insulated Glass, Add	*144.65*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0630	EA	64-13/16" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	886.78	74.95
		For Tempered Low-E Insulated Glass, Add	*147.61*	
08 52 16 00-0631	EA	71-7/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	950.54	78.53
		For Tempered Low-E Insulated Glass, Add	*158.70*	
08 52 16 00-0632	EA	84-5/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,475.20	86.85
		For Tempered Low-E Insulated Glass, Add	*260.54*	

08 52 16 00-0633 24-1/8" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0609)*

08 52 16 00-0634	EA	24-1/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	576.49	53.54
		For Tempered Low-E Insulated Glass, Add	*94.12*	
08 52 16 00-0635	EA	28-3/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	613.33	55.92
		For Tempered Low-E Insulated Glass, Add	*100.54*	
08 52 16 00-0636	EA	31-1/2" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	638.42	57.11
		For Tempered Low-E Insulated Glass, Add	*104.84*	
08 52 16 00-0637	EA	35-15/16" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	681.81	59.48
		For Tempered Low-E Insulated Glass, Add	*112.57*	
08 52 16 00-0638	EA	40-13/16" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	725.86	63.06
		For Tempered Low-E Insulated Glass, Add	*120.19*	
08 52 16 00-0639	EA	48" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	793.53	67.22
		For Tempered Low-E Insulated Glass, Add	*131.82*	
08 52 16 00-0640	EA	52-13/16" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	836.37	70.19
		For Tempered Low-E Insulated Glass, Add	*139.43*	
08 52 16 00-0641	EA	59-7/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	900.84	73.77
		For Tempered Low-E Insulated Glass, Add	*150.66*	
08 52 16 00-0642	EA	64-13/16" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	919.25	77.34
		For Tempered Low-E Insulated Glass, Add	*153.15*	
08 52 16 00-0643	EA	71-7/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	980.96	80.90
		For Tempered Low-E Insulated Glass, Add	*163.83*	
08 52 16 00-0644	EA	84-5/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,553.10	89.24
		For Tempered Low-E Insulated Glass, Add	*275.16*	

08 52 16 00-0645 28-3/8" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0609)*

08 52 16 00-0646	EA	24-1/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	575.24	55.92
		For Tempered Low-E Insulated Glass, Add	*92.92*	
08 52 16 00-0647	EA	28-3/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	632.13	58.30
		For Tempered Low-E Insulated Glass, Add	*103.34*	
08 52 16 00-0648	EA	31-1/2" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	668.69	59.48
		For Tempered Low-E Insulated Glass, Add	*109.94*	
08 52 16 00-0649	EA	35-15/16" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	736.70	61.87
		For Tempered Low-E Insulated Glass, Add	*122.59*	
08 52 16 00-0650	EA	40-13/16" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	804.81	65.43
		For Tempered Low-E Insulated Glass, Add	*135.02*	
08 52 16 00-0651	EA	48" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	904.54	69.60
		For Tempered Low-E Insulated Glass, Add	*153.07*	
08 52 16 00-0652	EA	52-13/16" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	969.45	72.58
		For Tempered Low-E Insulated Glass, Add	*165.10*	
08 52 16 00-0653	EA	59-7/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,068.01	76.14
		For Tempered Low-E Insulated Glass, Add	*183.14*	
08 52 16 00-0654	EA	64-13/16" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,104.16	79.72
		For Tempered Low-E Insulated Glass, Add	*189.18*	
08 52 16 00-0655	EA	71-7/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,374.22	83.29
		For Tempered Low-E Insulated Glass, Add	*241.53*	
08 52 16 00-0656	EA	84-5/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,595.42	91.61
		For Tempered Low-E Insulated Glass, Add	*282.68*	

08 52 16 00-0657 31-1/2" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0609)*

08 52 16 00-0658	EA	28-3/8" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	668.69	59.48
		For Tempered Low-E Insulated Glass, Add	*109.94*	
08 52 16 00-0659	EA	31-1/2" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	707.96	61.28
		For Tempered Low-E Insulated Glass, Add	*117.08*	
08 52 16 00-0660	EA	35-15/16" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	762.04	63.65
		For Tempered Low-E Insulated Glass, Add	*126.95*	
08 52 16 00-0661	EA	40-13/16" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	822.40	66.63
		For Tempered Low-E Insulated Glass, Add	*137.83*	
08 52 16 00-0662	EA	48" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	910.14	71.38
		For Tempered Low-E Insulated Glass, Add	*153.47*	
08 52 16 00-0663	EA	52-13/16" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	971.02	73.77
		For Tempered Low-E Insulated Glass, Add	*164.70*	
08 52 16 00-0664	EA	59-7/8" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,057.57	78.53
		For Tempered Low-E Insulated Glass, Add	*180.34*	
08 52 16 00-0665	EA	64-13/16" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,117.94	80.90
		For Tempered Low-E Insulated Glass, Add	*191.23*	
08 52 16 00-0666	EA	71-7/8" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,206.19	85.07
		For Tempered Low-E Insulated Glass, Add	*207.21*	
08 52 16 00-0667	EA	84-5/8" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,702.39	92.80
		For Tempered Low-E Insulated Glass, Add	*303.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0668		**35-15/16" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series)** *(08 52 16 00-0609)*		
08 52 16 00-0669	EA	31-1/2" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 400 Series)	762.04	63.65
		For Tempered Low-E Insulated Glass, Add	*126.95*	
08 52 16 00-0670	EA	35-15/16" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 400 Series)	839.26	66.04
		For Tempered Low-E Insulated Glass, Add	*141.44*	
08 52 16 00-0671	EA	40-13/16" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 400 Series)	907.36	69.01
		For Tempered Low-E Insulated Glass, Add	*153.87*	
08 52 16 00-0672	EA	48" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,007.11	73.77
		For Tempered Low-E Insulated Glass, Add	*171.92*	
08 52 16 00-0673	EA	52-13/16" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,074.03	76.14
		For Tempered Low-E Insulated Glass, Add	*184.35*	
08 52 16 00-0674	EA	59-7/8" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,170.58	80.90
		For Tempered Low-E Insulated Glass, Add	*201.99*	
08 52 16 00-0675	EA	64-13/16" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,019.45	83.29
		For Tempered Low-E Insulated Glass, Add	*170.58*	
08 52 16 00-0676	EA	71-7/8" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,095.09	87.45
		For Tempered Low-E Insulated Glass, Add	*184.04*	
08 52 16 00-0677		**40-3/4" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series)** *(08 52 16 00-0609)*		
08 52 16 00-0678	EA	35-15/16" x 40-3/4", Venting, Awning Wood Clad Window (Andersen 400 Series)	889.38	69.01
		For Tempered Low-E Insulated Glass, Add	*151.46*	
08 52 16 00-0679	EA	40-13/16" x 40-3/4", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,013.13	73.77
		For Tempered Low-E Insulated Glass, Add	*173.12*	
08 52 16 00-0680		**48" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series)** *(08 52 16 00-0609)*		
08 52 16 00-0681	EA	35-15/16" x 48", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,067.26	73.77
		For Tempered Low-E Insulated Glass, Add	*183.95*	
08 52 16 00-0682	EA	40-13/16" x 48", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,183.49	77.34
		For Tempered Low-E Insulated Glass, Add	*206.00*	
08 52 16 00-0683	EA	48" x 48", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,353.41	81.50
		For Tempered Low-E Insulated Glass, Add	*238.08*	
08 52 16 00-0684		**59-13/16" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series)** *(08 52 16 00-0609)*		
08 52 16 00-0685	EA	35-15/16" x 59-13/16", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,324.54	80.31
		For Tempered Low-E Insulated Glass, Add	*232.78*	
08 52 16 00-0686	EA	40-13/16" x 59-13/16", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,426.25	83.29
		For Tempered Low-E Insulated Glass, Add	*251.94*	
08 52 16 00-0687		**71-7/8" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series)** *(08 52 16 00-0609)*		
08 52 16 00-0688	EA	24-1/8" x 71-7/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,450.22	80.90
		For Tempered Low-E Insulated Glass, Add	*257.68*	
08 52 16 00-0689	EA	35-15/16" x 71-7/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,499.85	87.45
		For Tempered Low-E Insulated Glass, Add	*264.99*	
08 52 16 00-0690	EA	40-13/16" x 71-7/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,661.59	90.42
		For Tempered Low-E Insulated Glass, Add	*296.15*	
08 52 16 00-0691	EA	48" x 71-7/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	1,826.50	95.19
		For Tempered Low-E Insulated Glass, Add	*327.23*	
08 52 16 00-0692		**Stationary, Awning Wood Clad Windows (Andersen 400 Series)** *(08 52 16 00-0608)*		
08 52 16 00-0693		**17" Height, Stationary, Awning Wood Clad Windows (Andersen 400 Series)** *(08 52 16 00-0692)*		
08 52 16 00-0694	EA	24-1/8" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series)	449.86	48.79
		For Tempered Low-E Insulated Glass, Add	*70.46*	
08 52 16 00-0695	EA	28-3/8" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series)	484.70	51.16
		For Tempered Low-E Insulated Glass, Add	*76.48*	
08 52 16 00-0696	EA	31-1/2" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series)	507.66	52.94
		For Tempered Low-E Insulated Glass, Add	*80.35*	
08 52 16 00-0697	EA	35-15/16" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series)	545.16	55.33
		For Tempered Low-E Insulated Glass, Add	*86.90*	
08 52 16 00-0698	EA	40-13/16" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series)	585.19	58.30
		For Tempered Low-E Insulated Glass, Add	*93.72*	
08 52 16 00-0699	EA	48" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series)	646.85	63.06
		For Tempered Low-E Insulated Glass, Add	*104.15*	
08 52 16 00-0700	EA	52-13/16" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series)	683.69	65.43
		For Tempered Low-E Insulated Glass, Add	*110.56*	
08 52 16 00-0701	EA	59-7/8" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series)	742.13	70.19
		For Tempered Low-E Insulated Glass, Add	*120.59*	
08 52 16 00-0702	EA	64-13/16" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series)	782.17	72.58
		For Tempered Low-E Insulated Glass, Add	*127.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0703	EA	71-7/8" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series)	840.63	76.74
		For Tempered Low-E Insulated Glass, Add	*137.43*	

08 52 16 00-0704 20-1/2" Height, Stationary, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0692)*

08 52 16 00-0705	EA	24-1/8" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	477.49	51.16
		For Tempered Low-E Insulated Glass, Add	*75.27*	
08 52 16 00-0706	EA	28-3/8" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	512.33	53.54
		For Tempered Low-E Insulated Glass, Add	*81.29*	
08 52 16 00-0707	EA	31-1/2" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	533.34	54.73
		For Tempered Low-E Insulated Glass, Add	*84.78*	
08 52 16 00-0708	EA	35-15/16" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	574.80	57.11
		For Tempered Low-E Insulated Glass, Add	*92.12*	
08 52 16 00-0709	EA	40-13/16" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	614.83	60.68
		For Tempered Low-E Insulated Glass, Add	*98.93*	
08 52 16 00-0710	EA	48" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	674.48	64.84
		For Tempered Low-E Insulated Glass, Add	*108.96*	
08 52 16 00-0711	EA	52-13/16" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	713.32	67.82
		For Tempered Low-E Insulated Glass, Add	*115.77*	
08 52 16 00-0712	EA	59-7/8" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	769.76	71.38
		For Tempered Low-E Insulated Glass, Add	*125.40*	
08 52 16 00-0713	EA	64-13/16" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	811.81	74.95
		For Tempered Low-E Insulated Glass, Add	*132.62*	
08 52 16 00-0714	EA	71-7/8" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	868.26	78.53
		For Tempered Low-E Insulated Glass, Add	*142.24*	

08 52 16 00-0715 24-1/8" Height, Stationary, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0692)*

08 52 16 00-0716	EA	24-1/8" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	508.32	53.54
		For Tempered Low-E Insulated Glass, Add	*80.49*	
08 52 16 00-0717	EA	28-3/8" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	543.16	55.92
		For Tempered Low-E Insulated Glass, Add	*86.50*	
08 52 16 00-0718	EA	31-1/2" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	561.90	57.11
		For Tempered Low-E Insulated Glass, Add	*89.54*	
08 52 16 00-0719	EA	35-15/16" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	603.62	59.48
		For Tempered Low-E Insulated Glass, Add	*96.93*	
08 52 16 00-0720	EA	40-13/16" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	643.65	63.06
		For Tempered Low-E Insulated Glass, Add	*103.74*	
08 52 16 00-0721	EA	48" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	703.30	67.22
		For Tempered Low-E Insulated Glass, Add	*113.77*	
08 52 16 00-0722	EA	52-13/16" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	742.13	70.19
		For Tempered Low-E Insulated Glass, Add	*120.59*	
08 52 16 00-0723	EA	59-7/8" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	800.59	73.77
		For Tempered Low-E Insulated Glass, Add	*130.61*	
08 52 16 00-0724	EA	64-13/16" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	840.63	77.34
		For Tempered Low-E Insulated Glass, Add	*137.43*	
08 52 16 00-0725	EA	71-7/8" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	899.08	80.90
		For Tempered Low-E Insulated Glass, Add	*147.45*	

08 52 16 00-0726 28-3/8" Height, Stationary, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0692)*

08 52 16 00-0727	EA	24-1/8" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	511.07	55.92
		For Tempered Low-E Insulated Glass, Add	*80.08*	
08 52 16 00-0728	EA	28-3/8" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	557.94	58.30
		For Tempered Low-E Insulated Glass, Add	*88.51*	
08 52 16 00-0729	EA	31-1/2" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	583.67	59.48
		For Tempered Low-E Insulated Glass, Add	*92.94*	
08 52 16 00-0730	EA	35-15/16" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	608.38	61.87
		For Tempered Low-E Insulated Glass, Add	*96.93*	
08 52 16 00-0731	EA	40-13/16" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	696.53	65.43
		For Tempered Low-E Insulated Glass, Add	*113.37*	
08 52 16 00-0732	EA	48" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	776.22	69.60
		For Tempered Low-E Insulated Glass, Add	*127.40*	
08 52 16 00-0733	EA	52-13/16" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	829.10	72.58
		For Tempered Low-E Insulated Glass, Add	*137.03*	
08 52 16 00-0734	EA	59-7/8" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	907.61	76.14
		For Tempered Low-E Insulated Glass, Add	*151.06*	
08 52 16 00-0735	EA	64-13/16" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	963.68	79.72
		For Tempered Low-E Insulated Glass, Add	*161.09*	
08 52 16 00-0736	EA	71-7/8" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series)	1,042.19	83.29
		For Tempered Low-E Insulated Glass, Add	*175.12*	

08 52 16 00-0737 31-1/2" Height, Stationary, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0692)*

08 52 16 00-0738	EA	28-3/8" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	583.67	59.48
		For Tempered Low-E Insulated Glass, Add	*92.94*	
08 52 16 00-0739	EA	31-1/2" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	616.14	61.28
		For Tempered Low-E Insulated Glass, Add	*98.72*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0740	EA	35-15/16" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	660.01	63.65
		For Tempered Low-E Insulated Glass, Add	*106.54*	
08 52 16 00-0741	EA	40-13/16" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	710.17	66.63
		For Tempered Low-E Insulated Glass, Add	*115.38*	
08 52 16 00-0742	EA	48" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	782.61	71.38
		For Tempered Low-E Insulated Glass, Add	*127.97*	
08 52 16 00-0743	EA	52-13/16" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	831.58	73.77
		For Tempered Low-E Insulated Glass, Add	*136.81*	
08 52 16 00-0744	EA	59-7/8" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	902.83	78.53
		For Tempered Low-E Insulated Glass, Add	*149.39*	
08 52 16 00-0745	EA	64-13/16" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	951.29	80.90
		For Tempered Low-E Insulated Glass, Add	*157.90*	
08 52 16 00-0746	EA	71-7/8" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series)	1,022.54	85.07
		For Tempered Low-E Insulated Glass, Add	*170.48*	

08 52 16 00-0747 35-15/16" Height, Stationary, Awning Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0692)*

08 52 16 00-0748	EA	31-1/2" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 400 Series)	660.01	63.65
		For Tempered Low-E Insulated Glass, Add	*106.54*	
08 52 16 00-0749	EA	35-15/16" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 400 Series)	724.97	66.04
		For Tempered Low-E Insulated Glass, Add	*118.58*	
08 52 16 00-0750	EA	40-13/16" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 400 Series)	779.04	69.01
		For Tempered Low-E Insulated Glass, Add	*128.21*	
08 52 16 00-0751	EA	48" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 400 Series)	860.74	73.77
		For Tempered Low-E Insulated Glass, Add	*142.64*	
08 52 16 00-0752	EA	52-13/16" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 400 Series)	913.62	76.14
		For Tempered Low-E Insulated Glass, Add	*152.27*	
08 52 16 00-0753	EA	59-7/8" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 400 Series)	992.13	80.90
		For Tempered Low-E Insulated Glass, Add	*166.30*	
08 52 16 00-0754	EA	64-13/16" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 400 Series)	1,046.20	83.29
		For Tempered Low-E Insulated Glass, Add	*175.93*	
08 52 16 00-0755	EA	71-7/8" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 400 Series)	1,124.71	87.45
		For Tempered Low-E Insulated Glass, Add	*189.96*	

08 52 16 00-0756 Horizontal Sliding Wood Clad Windows *(08 52 16)*

Note: Sliding windows open horizontally with one or more operating sashes combined with stationary sashes

08 52 16 00-0757 One Operating Sash, Horizontal Sliding Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0756)*

Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and clear insulated glass. Excludes grilles and insect screens.

08 52 16 00-0758 17-1/2" Height, One Operating Sash, Horizontal Sliding Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0757)*

08 52 16 00-0759	EA	47-1/2" x 17-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	536.70	63.06
		For Tempered Clear Insulated Glass, Add	*82.35*	

08 52 16 00-0760 23-1/2" Height, One Operating Sash, Horizontal Sliding Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0757)*

08 52 16 00-0761	EA	35-1/2" x 23-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	493.93	58.30
		For Tempered Clear Insulated Glass, Add	*75.23*	
08 52 16 00-0762	EA	47-1/2" x 23-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	577.48	66.63
		For Tempered Clear Insulated Glass, Add	*89.08*	

08 52 16 00-0763 35-1/2" Height, One Operating Sash, Horizontal Sliding Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0757)*

08 52 16 00-0764	EA	35-1/2" x 35-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	577.48	66.63
		For Tempered Clear Insulated Glass, Add	*89.08*	
08 52 16 00-0765	EA	47-1/2" x 35-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	661.06	73.77
		For Tempered Clear Insulated Glass, Add	*102.94*	
08 52 16 00-0766	EA	59-1/2" x 35-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	744.62	80.31
		For Tempered Clear Insulated Glass, Add	*116.80*	
08 52 16 00-0767	EA	71-1/2" x 35-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	828.19	87.45
		For Tempered Clear Insulated Glass, Add	*130.66*	

08 52 16 00-0768 41-1/2" Height, One Operating Sash, Horizontal Sliding Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0757)*

08 52 16 00-0769	EA	35-1/2" x 41-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	620.26	70.19
		For Tempered Clear Insulated Glass, Add	*96.21*	
08 52 16 00-0770	EA	47-1/2" x 41-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	701.85	77.34
		For Tempered Clear Insulated Glass, Add	*109.67*	
08 52 16 00-0771	EA	59-1/2" x 41-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	785.41	83.88
		For Tempered Clear Insulated Glass, Add	*123.53*	
08 52 16 00-0772	EA	71-1/2" x 41-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	938.27	91.02
		For Tempered Clear Insulated Glass, Add	*151.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0773		47-1/2" Height, One Operating Sash, Horizontal Sliding Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0757)*		
08 52 16 00-0774	EA	35-1/2" x 47-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	661.06	73.77
		For Tempered Clear Insulated Glass, Add	*102.94*	
08 52 16 00-0775	EA	47-1/2" x 47-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	744.62	80.90
		For Tempered Clear Insulated Glass, Add	*116.80*	
08 52 16 00-0776	EA	59-1/2" x 47-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	828.19	87.45
		For Tempered Clear Insulated Glass, Add	*130.66*	
08 52 16 00-0777	EA	71-1/2" x 47-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	911.75	94.59
		For Tempered Clear Insulated Glass, Add	*144.52*	
08 52 16 00-0778		53-1/2" Height, One Operating Sash, Horizontal Sliding Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0757)*		
08 52 16 00-0779	EA	47-1/2" x 53-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	785.41	84.48
		For Tempered Clear Insulated Glass, Add	*123.53*	
08 52 16 00-0780	EA	59-1/2" x 53-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	868.98	91.02
		For Tempered Clear Insulated Glass, Add	*137.39*	
08 52 16 00-0781	EA	71-1/2" x 53-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	952.54	98.15
		For Tempered Clear Insulated Glass, Add	*151.25*	
08 52 16 00-0782		59-1/2" Height, One Operating Sash, Horizontal Sliding Wood Clad Windows (Andersen 200 Series) *(08 52 16 00-0757)*		
08 52 16 00-0783	EA	47-1/2" x 59-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	828.19	88.04
		For Tempered Clear Insulated Glass, Add	*130.66*	
08 52 16 00-0784	EA	59-1/2" x 59-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	911.75	94.59
		For Tempered Clear Insulated Glass, Add	*144.52*	
08 52 16 00-0785	EA	71-1/2" x 59-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series)	995.47	101.73
		For Tempered Clear Insulated Glass, Add	*158.40*	
08 52 16 00-0786		Two Operating Sashes, Horizontal Sliding Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0756)*		
		Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and Low-E insulated glass. Excludes grilles and insect screens.		
08 52 16 00-0787		22-1/4" Height, Two Operating Sashes, Horizontal Sliding Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0786)*		
08 52 16 00-0788	EA	35-1/4" x 22-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	1,188.58	58.30
		For Tempered Low-E Insulated Glass, Add	*214.16*	
08 52 16 00-0789	EA	47-1/4" x 22-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	1,414.68	66.63
		For Tempered Low-E Insulated Glass, Add	*256.52*	
08 52 16 00-0790		35-1/4" Height, Two Operating Sashes, Horizontal Sliding Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0786)*		
08 52 16 00-0791	EA	35-1/4" x 35-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	1,432.50	66.63
		For Tempered Low-E Insulated Glass, Add	*260.09*	
08 52 16 00-0792	EA	47-1/4" x 35-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	1,660.59	73.77
		For Tempered Low-E Insulated Glass, Add	*302.85*	
08 52 16 00-0793	EA	59-1/4" x 35-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	1,886.68	80.31
		For Tempered Low-E Insulated Glass, Add	*345.21*	
08 52 16 00-0794	EA	71-1/4" x 35-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	2,112.79	87.45
		For Tempered Low-E Insulated Glass, Add	*387.58*	
08 52 16 00-0795		41-1/4" Height, Two Operating Sashes, Horizontal Sliding Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0786)*		
08 52 16 00-0796	EA	35-1/4" x 41-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	1,546.54	70.19
		For Tempered Low-E Insulated Glass, Add	*281.47*	
08 52 16 00-0797	EA	47-1/4" x 41-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	1,772.64	77.34
		For Tempered Low-E Insulated Glass, Add	*323.83*	
08 52 16 00-0798	EA	59-1/4" x 41-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	2,000.72	83.88
		For Tempered Low-E Insulated Glass, Add	*366.59*	
08 52 16 00-0799	EA	71-1/4" x 41-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	2,226.83	91.02
		For Tempered Low-E Insulated Glass, Add	*408.96*	
08 52 16 00-0800		47-1/4" Height, Two Operating Sashes, Horizontal Sliding Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0786)*		
08 52 16 00-0801	EA	35-1/4" x 47-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	1,660.59	73.77
		For Tempered Low-E Insulated Glass, Add	*302.85*	
08 52 16 00-0802	EA	47-1/4" x 47-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	1,886.68	80.90
		For Tempered Low-E Insulated Glass, Add	*345.21*	
08 52 16 00-0803	EA	59-1/4" x 47-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	2,112.79	87.45
		For Tempered Low-E Insulated Glass, Add	*387.58*	
08 52 16 00-0804	EA	71-1/4" x 47-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	2,340.86	94.59
		For Tempered Low-E Insulated Glass, Add	*430.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0805		59-1/4" Height, Two Operating Sashes, Horizontal Sliding Wood Clad Windows (Andersen 400 Series) *(08 52 16 00-0786)*		
08 52 16 00-0806	EA	35-1/4" x 59-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	1,886.68	80.90
		For Tempered Low-E Insulated Glass, Add	*345.21*	
08 52 16 00-0807	EA	47-1/4" x 59-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	2,112.79	88.04
		For Tempered Low-E Insulated Glass, Add	*387.58*	
08 52 16 00-0808	EA	59-1/4" x 59-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	2,340.86	94.59
		For Tempered Low-E Insulated Glass, Add	*430.34*	
08 52 16 00-0809	EA	71-1/4" x 59-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)	2,566.97	101.73
		For Tempered Low-E Insulated Glass, Add	*472.70*	
08 52 16 00-0810		Picture Wood Clad Windows *(08 52 16)* Note: Picture windows are fixed windows.		
08 52 16 00-0811		Picture Wood Clad Windows For Awning And Casement Windows *(08 52 16 00-0810)*		
08 52 16 00-0812		Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series) *(08 52 16 00-0811)* Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and clear insulated glass. Excludes grilles and insect screens.		
08 52 16 00-0813		12" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series) *(08 52 16 00-0812)*		
08 52 16 00-0814	EA	40-13/16" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	421.86	47.59
		For Tempered Clear Insulated Glass, Add	*65.33*	
08 52 16 00-0815	EA	48" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	493.25	52.35
		For Tempered Clear Insulated Glass, Add	*77.71*	
08 52 16 00-0816	EA	52-13/16" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	523.91	54.73
		For Tempered Clear Insulated Glass, Add	*82.89*	
08 52 16 00-0817	EA	59-7/8" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	568.22	59.48
		For Tempered Clear Insulated Glass, Add	*90.09*	
08 52 16 00-0818	EA	64-13/16" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	598.63	61.87
		For Tempered Clear Insulated Glass, Add	*94.98*	
08 52 16 00-0819	EA	71-7/8" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	642.93	66.63
		For Tempered Clear Insulated Glass, Add	*102.17*	
08 52 16 00-0820		35-15/16" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series) *(08 52 16 00-0812)*		
08 52 16 00-0821	EA	35-15/16" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	469.02	58.30
		For Tempered Clear Insulated Glass, Add	*70.49*	
08 52 16 00-0822	EA	40-13/16" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	541.55	61.87
		For Tempered Clear Insulated Glass, Add	*83.80*	
08 52 16 00-0823	EA	48" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	648.52	66.04
		For Tempered Clear Insulated Glass, Add	*103.29*	
08 52 16 00-0824	EA	52-13/16" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	718.24	68.41
		For Tempered Clear Insulated Glass, Add	*116.28*	
08 52 16 00-0825	EA	59-7/8" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	822.39	72.58
		For Tempered Clear Insulated Glass, Add	*135.45*	
08 52 16 00-0826	EA	64-13/16" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	894.93	75.55
		For Tempered Clear Insulated Glass, Add	*148.77*	
08 52 16 00-0827	EA	71-7/8" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	1,323.90	79.72
		For Tempered Clear Insulated Glass, Add	*232.89*	
08 52 16 00-0828		40-13/16" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series) *(08 52 16 00-0812)*		
08 52 16 00-0829	EA	35-15/16" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	541.55	61.87
		For Tempered Clear Insulated Glass, Add	*83.80*	
08 52 16 00-0830	EA	40-13/16" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	614.10	64.25
		For Tempered Clear Insulated Glass, Add	*97.12*	
08 52 16 00-0831	EA	48" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	721.06	69.01
		For Tempered Clear Insulated Glass, Add	*116.61*	
08 52 16 00-0832	EA	52-13/16" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	790.78	71.38
		For Tempered Clear Insulated Glass, Add	*129.60*	
08 52 16 00-0833	EA	59-7/8" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	894.93	76.14
		For Tempered Clear Insulated Glass, Add	*148.77*	
08 52 16 00-0834	EA	64-13/16" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	967.47	78.53
		For Tempered Clear Insulated Glass, Add	*162.08*	
08 52 16 00-0835	EA	71-7/8" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	1,071.62	83.29
		For Tempered Clear Insulated Glass, Add	*181.25*	
08 52 16 00-0836		48" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series) *(08 52 16 00-0812)*		
08 52 16 00-0837	EA	35-15/16" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	648.52	66.63
		For Tempered Clear Insulated Glass, Add	*103.29*	
08 52 16 00-0838	EA	40-13/16" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	721.06	69.01
		For Tempered Clear Insulated Glass, Add	*116.61*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0839	EA	48" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	828.02	73.77
		For Tempered Clear Insulated Glass, Add	*136.10*	
08 52 16 00-0840	EA	52-13/16" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	897.75	76.14
		For Tempered Clear Insulated Glass, Add	*149.09*	
08 52 16 00-0841	EA	59-7/8" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	1,001.90	80.90
		For Tempered Clear Insulated Glass, Add	*168.26*	
08 52 16 00-0842	EA	64-13/16" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	1,074.43	83.29
		For Tempered Clear Insulated Glass, Add	*181.57*	
08 52 16 00-0843	EA	71-7/8" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	1,178.58	88.04
		For Tempered Clear Insulated Glass, Add	*200.74*	

08 52 16 00-0844 52-13/16" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series) *(08 52 16 00-0812)*

08 52 16 00-0845	EA	35-15/16" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	718.24	69.01
		For Tempered Clear Insulated Glass, Add	*116.28*	
08 52 16 00-0846	EA	40-13/16" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	790.78	71.38
		For Tempered Clear Insulated Glass, Add	*129.60*	
08 52 16 00-0847	EA	48" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	897.75	76.14
		For Tempered Clear Insulated Glass, Add	*149.09*	
08 52 16 00-0848	EA	52-13/16" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	967.47	78.53
		For Tempered Clear Insulated Glass, Add	*162.08*	
08 52 16 00-0849	EA	59-7/8" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	1,071.62	83.29
		For Tempered Clear Insulated Glass, Add	*181.25*	
08 52 16 00-0850	EA	64-13/16" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	1,144.16	85.66
		For Tempered Clear Insulated Glass, Add	*194.57*	
08 52 16 00-0851	EA	71-7/8" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	1,344.12	90.42
		For Tempered Clear Insulated Glass, Add	*232.89*	

08 52 16 00-0852 59-7/8" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series) *(08 52 16 00-0812)*

08 52 16 00-0853	EA	35-15/16" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	822.39	72.58
		For Tempered Clear Insulated Glass, Add	*135.45*	
08 52 16 00-0854	EA	40-13/16" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	894.93	76.14
		For Tempered Clear Insulated Glass, Add	*148.77*	
08 52 16 00-0855	EA	48" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	1,001.90	80.31
		For Tempered Clear Insulated Glass, Add	*168.26*	
08 52 16 00-0856	EA	52-13/16" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	1,071.62	82.68
		For Tempered Clear Insulated Glass, Add	*181.25*	
08 52 16 00-0857	EA	59-7/8" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	1,175.76	86.85
		For Tempered Clear Insulated Glass, Add	*200.41*	
08 52 16 00-0858	EA	64-13/16" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	1,248.30	89.83
		For Tempered Clear Insulated Glass, Add	*213.73*	
08 52 16 00-0859	EA	71-7/8" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	1,352.45	93.99
		For Tempered Clear Insulated Glass, Add	*232.89*	

08 52 16 00-0860 64-13/16" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series) *(08 52 16 00-0812)*

08 52 16 00-0861	EA	35-15/16" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	894.93	76.14
		For Tempered Clear Insulated Glass, Add	*148.77*	
08 52 16 00-0862	EA	40-13/16" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	967.47	78.53
		For Tempered Clear Insulated Glass, Add	*162.08*	
08 52 16 00-0863	EA	48" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	1,074.43	83.29
		For Tempered Clear Insulated Glass, Add	*181.57*	
08 52 16 00-0864	EA	52-13/16" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	1,144.16	85.66
		For Tempered Clear Insulated Glass, Add	*194.57*	
08 52 16 00-0865	EA	59-7/8" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	1,344.12	90.42
		For Tempered Clear Insulated Glass, Add	*232.89*	

08 52 16 00-0866 71-7/8" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series) *(08 52 16 00-0812)*

08 52 16 00-0867	EA	35-15/16" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	999.08	79.72
		For Tempered Clear Insulated Glass, Add	*167.93*	
08 52 16 00-0868	EA	40-13/16" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	1,071.62	83.29
		For Tempered Clear Insulated Glass, Add	*181.25*	
08 52 16 00-0869	EA	48" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	1,178.58	87.45
		For Tempered Clear Insulated Glass, Add	*200.74*	
08 52 16 00-0870	EA	52-13/16" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	1,248.30	89.83
		For Tempered Clear Insulated Glass, Add	*213.73*	
08 52 16 00-0871	EA	59-7/8" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	1,352.45	93.99
		For Tempered Clear Insulated Glass, Add	*232.89*	

08 52 16 00-0872 Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series) *(08 52 16 00-0811)*

Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and Low-E insulated glass. Excludes grilles and insect screens.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0873		**12" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series)** *(08 52 16 00-0872)*		
08 52 16 00-0874	EA	40-13/16" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	498.48	47.59
		For Tempered Low-E Insulated Glass, Add	*80.66*	
08 52 16 00-0875	EA	48" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	584.39	52.35
		For Tempered Low-E Insulated Glass, Add	*95.94*	
08 52 16 00-0876	EA	52-13/16" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	621.13	54.73
		For Tempered Low-E Insulated Glass, Add	*102.33*	
08 52 16 00-0877	EA	59-7/8" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	673.87	59.48
		For Tempered Low-E Insulated Glass, Add	*111.22*	
08 52 16 00-0878	EA	64-13/16" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	710.02	61.87
		For Tempered Low-E Insulated Glass, Add	*117.26*	
08 52 16 00-0879	EA	71-7/8" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	762.76	66.63
		For Tempered Low-E Insulated Glass, Add	*126.14*	
08 52 16 00-0880		**35-15/16" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series)** *(08 52 16 00-0872)*		
08 52 16 00-0881	EA	35-15/16" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	551.68	58.30
		For Tempered Low-E Insulated Glass, Add	*87.02*	
08 52 16 00-0882	EA	40-13/16" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	639.84	61.87
		For Tempered Low-E Insulated Glass, Add	*103.46*	
08 52 16 00-0883	EA	48" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	769.66	66.04
		For Tempered Low-E Insulated Glass, Add	*127.52*	
08 52 16 00-0884	EA	52-13/16" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	854.63	68.41
		For Tempered Low-E Insulated Glass, Add	*143.56*	
08 52 16 00-0885	EA	59-7/8" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	981.25	72.58
		For Tempered Low-E Insulated Glass, Add	*167.22*	
08 52 16 00-0886	EA	64-13/16" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,069.41	75.55
		For Tempered Low-E Insulated Glass, Add	*183.66*	
08 52 16 00-0887	EA	71-7/8" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,597.05	79.72
		For Tempered Low-E Insulated Glass, Add	*287.52*	
08 52 16 00-0888		**40-13/16" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series)** *(08 52 16 00-0872)*		
08 52 16 00-0889	EA	35-15/16" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	639.84	61.87
		For Tempered Low-E Insulated Glass, Add	*103.46*	
08 52 16 00-0890	EA	40-13/16" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	728.01	64.25
		For Tempered Low-E Insulated Glass, Add	*119.90*	
08 52 16 00-0891	EA	48" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	857.82	69.01
		For Tempered Low-E Insulated Glass, Add	*143.96*	
08 52 16 00-0892	EA	52-13/16" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	942.78	71.38
		For Tempered Low-E Insulated Glass, Add	*160.00*	
08 52 16 00-0893	EA	59-7/8" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,069.41	76.14
		For Tempered Low-E Insulated Glass, Add	*183.66*	
08 52 16 00-0894	EA	64-13/16" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,157.57	78.53
		For Tempered Low-E Insulated Glass, Add	*200.10*	
08 52 16 00-0895	EA	71-7/8" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,284.19	83.29
		For Tempered Low-E Insulated Glass, Add	*223.76*	
08 52 16 00-0896		**48" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series)** *(08 52 16 00-0872)*		
08 52 16 00-0897	EA	35-15/16" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	769.66	66.63
		For Tempered Low-E Insulated Glass, Add	*127.52*	
08 52 16 00-0898	EA	40-13/16" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	857.82	69.01
		For Tempered Low-E Insulated Glass, Add	*143.96*	
08 52 16 00-0899	EA	48" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	987.64	73.77
		For Tempered Low-E Insulated Glass, Add	*168.02*	
08 52 16 00-0900	EA	52-13/16" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,072.61	76.14
		For Tempered Low-E Insulated Glass, Add	*184.06*	
08 52 16 00-0901	EA	59-7/8" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,199.23	80.90
		For Tempered Low-E Insulated Glass, Add	*207.72*	
08 52 16 00-0902	EA	64-13/16" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,287.39	83.29
		For Tempered Low-E Insulated Glass, Add	*224.16*	
08 52 16 00-0903	EA	71-7/8" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,414.02	88.04
		For Tempered Low-E Insulated Glass, Add	*247.82*	
08 52 16 00-0904		**52-13/16" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series)** *(08 52 16 00-0872)*		
08 52 16 00-0905	EA	35-15/16" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	854.63	69.01
		For Tempered Low-E Insulated Glass, Add	*143.56*	
08 52 16 00-0906	EA	40-13/16" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	942.78	71.38
		For Tempered Low-E Insulated Glass, Add	*160.00*	
08 52 16 00-0907	EA	48" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,072.61	76.14
		For Tempered Low-E Insulated Glass, Add	*184.06*	
08 52 16 00-0908	EA	52-13/16" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,157.57	78.53
		For Tempered Low-E Insulated Glass, Add	*200.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0909	EA	59-7/8" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,284.19	83.29
		For Tempered Low-E Insulated Glass, Add	*223.76*	
08 52 16 00-0910	EA	64-13/16" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,372.35	85.66
		For Tempered Low-E Insulated Glass, Add	*240.20*	
08 52 16 00-0911	EA	71-7/8" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,617.27	90.42
		For Tempered Low-E Insulated Glass, Add	*287.52*	

08 52 16 00-0912 59-7/8" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series) *(08 52 16 00-0872)*

08 52 16 00-0913	EA	35-15/16" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	981.25	72.58
		For Tempered Low-E Insulated Glass, Add	*167.22*	
08 52 16 00-0914	EA	40-13/16" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,069.41	76.14
		For Tempered Low-E Insulated Glass, Add	*183.66*	
08 52 16 00-0915	EA	48" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,199.23	80.31
		For Tempered Low-E Insulated Glass, Add	*207.72*	
08 52 16 00-0916	EA	52-13/16" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,284.19	82.68
		For Tempered Low-E Insulated Glass, Add	*223.76*	
08 52 16 00-0917	EA	59-7/8" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,410.81	86.85
		For Tempered Low-E Insulated Glass, Add	*247.42*	
08 52 16 00-0918	EA	64-13/16" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,498.97	89.83
		For Tempered Low-E Insulated Glass, Add	*263.86*	
08 52 16 00-0919	EA	71-7/8" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,625.60	93.99
		For Tempered Low-E Insulated Glass, Add	*287.52*	

08 52 16 00-0920 64-13/16" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series) *(08 52 16 00-0872)*

08 52 16 00-0921	EA	35-15/16" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,069.41	76.14
		For Tempered Low-E Insulated Glass, Add	*183.66*	
08 52 16 00-0922	EA	40-13/16" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,157.57	78.53
		For Tempered Low-E Insulated Glass, Add	*200.10*	
08 52 16 00-0923	EA	48" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,287.39	83.29
		For Tempered Low-E Insulated Glass, Add	*224.16*	
08 52 16 00-0924	EA	52-13/16" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,372.35	85.66
		For Tempered Low-E Insulated Glass, Add	*240.20*	
08 52 16 00-0925	EA	59-7/8" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,617.27	90.42
		For Tempered Low-E Insulated Glass, Add	*287.52*	

08 52 16 00-0926 71-7/8" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series) *(08 52 16 00-0872)*

08 52 16 00-0927	EA	35-15/16" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,196.04	79.72
		For Tempered Low-E Insulated Glass, Add	*207.32*	
08 52 16 00-0928	EA	40-13/16" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,284.19	83.29
		For Tempered Low-E Insulated Glass, Add	*223.76*	
08 52 16 00-0929	EA	48" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,414.02	87.45
		For Tempered Low-E Insulated Glass, Add	*247.82*	
08 52 16 00-0930	EA	52-13/16" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,498.97	89.83
		For Tempered Low-E Insulated Glass, Add	*263.86*	
08 52 16 00-0931	EA	59-7/8" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)	1,625.60	93.99
		For Tempered Low-E Insulated Glass, Add	*287.52*	

08 52 16 00-0932 Picture Wood Clad Windows For Double Hung Windows *(08 52 16 00-0810)*

08 52 16 00-0933 Picture Wood Clad Windows For Double Hung Windows (Andersen 200 Series) *(08 52 16 00-0932)*

Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and clear insulated glass. Excludes grilles and insect screens.

08 52 16 00-0934 35-1/2" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 200 Series) *(08 52 16 00-0933)*

08 52 16 00-0935	EA	56-1/2" x 35-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series)	601.76	74.36
		For Tempered Clear Insulated Glass, Add	*90.61*	
08 52 16 00-0936	EA	59-1/2" x 35-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series)	617.76	76.14
		For Tempered Clear Insulated Glass, Add	*93.09*	

08 52 16 00-0937 47-1/2" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 200 Series) *(08 52 16 00-0933)*

08 52 16 00-0938	EA	47-1/2" x 47-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series)	617.76	76.14
		For Tempered Clear Insulated Glass, Add	*93.09*	
08 52 16 00-0939	EA	71-1/2" x 47-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series)	749.37	90.42
		For Tempered Clear Insulated Glass, Add	*113.70*	

08 52 16 00-0940 53-1/2" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 200 Series) *(08 52 16 00-0933)*

08 52 16 00-0941	EA	56-1/2" x 53-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series)	701.35	85.07
		For Tempered Clear Insulated Glass, Add	*106.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0942	EA	59-1/2" x 53-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series)	717.35	86.85
		For Tempered Clear Insulated Glass, Add	*108.73*	
08 52 16 00-0943		**56-1/2" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 200 Series)** *(08 52 16 00-0933)*		
08 52 16 00-0944	EA	35-1/2" x 56-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series)	601.76	74.95
		For Tempered Clear Insulated Glass, Add	*90.61*	
08 52 16 00-0945	EA	53-1/2" x 56-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series)	701.35	85.07
		For Tempered Clear Insulated Glass, Add	*106.24*	
08 52 16 00-0946		**59-1/2" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 200 Series)** *(08 52 16 00-0933)*		
08 52 16 00-0947	EA	35-1/2" x 59-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series)	617.76	76.14
		For Tempered Clear Insulated Glass, Add	*93.09*	
08 52 16 00-0948	EA	53-1/2" x 59-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series)	717.35	86.85
		For Tempered Clear Insulated Glass, Add	*108.73*	
08 52 16 00-0949	EA	59-1/2" x 59-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series)	749.37	90.42
		For Tempered Clear Insulated Glass, Add	*113.70*	
08 52 16 00-0950	EA	65-1/2" x 59-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series)	783.15	93.99
		For Tempered Clear Insulated Glass, Add	*119.03*	
08 52 16 00-0951		**65-1/2" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 200 Series)** *(08 52 16 00-0933)*		
08 52 16 00-0952	EA	59-1/2" x 65-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series)	783.15	93.99
		For Tempered Clear Insulated Glass, Add	*119.03*	
08 52 16 00-0953		**71-1/2" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 200 Series)** *(08 52 16 00-0933)*		
08 52 16 00-0954	EA	47-1/2" x 71-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series)	749.37	90.42
		For Tempered Clear Insulated Glass, Add	*113.70*	
08 52 16 00-0955		**Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series)** *(08 52 16 00-0932)*		
		Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and Low-E insulated glass. Excludes grilles and insect screens.		
08 52 16 00-0956		**48-7/8" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series)** *(08 52 16 00-0955)*		
08 52 16 00-0957	EA	12" x 48-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	667.92	55.92
		For Tempered Low-E Insulated Glass, Add	*111.22*	
08 52 16 00-0958	EA	37-5/8" x 48-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	932.18	71.38
		For Tempered Low-E Insulated Glass, Add	*158.12*	
08 52 16 00-0959	EA	41-5/8" x 48-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	972.48	73.17
		For Tempered Low-E Insulated Glass, Add	*165.23*	
08 52 16 00-0960	EA	47-5/16" x 48-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,032.91	76.74
		For Tempered Low-E Insulated Glass, Add	*175.89*	
08 52 16 00-0961	EA	51-5/16" x 48-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,073.20	79.72
		For Tempered Low-E Insulated Glass, Add	*182.99*	
08 52 16 00-0962	EA	59-5/16" x 48-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,155.55	83.88
		For Tempered Low-E Insulated Glass, Add	*197.56*	
08 52 16 00-0963	EA	67-5/16" x 48-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,237.92	89.24
		For Tempered Low-E Insulated Glass, Add	*212.13*	
08 52 16 00-0964		**52-7/8" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series)** *(08 52 16 00-0955)*		
08 52 16 00-0965	EA	12" x 52-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	709.98	58.30
		For Tempered Low-E Insulated Glass, Add	*118.68*	
08 52 16 00-0966	EA	37-5/8" x 52-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	972.48	73.77
		For Tempered Low-E Insulated Glass, Add	*165.23*	
08 52 16 00-0967	EA	41-5/8" x 52-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,014.54	75.55
		For Tempered Low-E Insulated Glass, Add	*172.69*	
08 52 16 00-0968	EA	47-5/16" x 52-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,073.20	79.12
		For Tempered Low-E Insulated Glass, Add	*182.99*	
08 52 16 00-0969	EA	51-5/16" x 52-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,115.27	82.09
		For Tempered Low-E Insulated Glass, Add	*190.45*	
08 52 16 00-0970	EA	59-5/16" x 52-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,197.62	86.26
		For Tempered Low-E Insulated Glass, Add	*205.02*	
08 52 16 00-0971	EA	67-5/16" x 52-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,279.99	91.61
		For Tempered Low-E Insulated Glass, Add	*219.59*	
08 52 16 00-0972		**56-7/8" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series)** *(08 52 16 00-0955)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0973	EA	12" x 56-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	750.27	60.68
		For Tempered Low-E Insulated Glass, Add	*125.78*	
08 52 16 00-0974	EA	37-5/8" x 56-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,014.54	76.14
		For Tempered Low-E Insulated Glass, Add	*172.69*	
08 52 16 00-0975	EA	41-5/8" x 56-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,054.83	77.93
		For Tempered Low-E Insulated Glass, Add	*179.79*	
08 52 16 00-0976	EA	47-5/16" x 56-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,115.27	81.50
		For Tempered Low-E Insulated Glass, Add	*190.45*	
08 52 16 00-0977	EA	51-5/16" x 56-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,155.55	84.48
		For Tempered Low-E Insulated Glass, Add	*197.56*	
08 52 16 00-0978	EA	59-5/16" x 56-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,237.92	88.64
		For Tempered Low-E Insulated Glass, Add	*212.13*	
08 52 16 00-0979	EA	67-5/16" x 56-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,322.06	93.99
		For Tempered Low-E Insulated Glass, Add	*227.05*	

08 52 16 00-0980 60-7/8" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series) *(08 52 16 00-0955)*

08 52 16 00-0981	EA	12" x 60-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	792.35	63.06
		For Tempered Low-E Insulated Glass, Add	*133.25*	
08 52 16 00-0982	EA	37-5/8" x 60-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,054.83	78.53
		For Tempered Low-E Insulated Glass, Add	*179.79*	
08 52 16 00-0983	EA	41-5/8" x 60-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,096.90	80.31
		For Tempered Low-E Insulated Glass, Add	*187.26*	
08 52 16 00-0984	EA	47-5/16" x 60-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,155.55	83.88
		For Tempered Low-E Insulated Glass, Add	*197.56*	
08 52 16 00-0985	EA	51-5/16" x 60-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,197.62	86.85
		For Tempered Low-E Insulated Glass, Add	*205.02*	
08 52 16 00-0986	EA	59-5/16" x 60-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,279.99	91.02
		For Tempered Low-E Insulated Glass, Add	*219.59*	
08 52 16 00-0987	EA	67-5/16" x 60-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,362.35	96.37
		For Tempered Low-E Insulated Glass, Add	*234.16*	

08 52 16 00-0988 64-7/8" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series) *(08 52 16 00-0955)*

08 52 16 00-0989	EA	12" x 64-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	832.65	65.43
		For Tempered Low-E Insulated Glass, Add	*140.35*	
08 52 16 00-0990	EA	37-5/8" x 64-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,096.90	80.90
		For Tempered Low-E Insulated Glass, Add	*187.26*	
08 52 16 00-0991	EA	41-5/8" x 64-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,138.97	82.68
		For Tempered Low-E Insulated Glass, Add	*194.72*	
08 52 16 00-0992	EA	47-5/16" x 64-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,197.62	86.26
		For Tempered Low-E Insulated Glass, Add	*205.02*	
08 52 16 00-0993	EA	51-5/16" x 64-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,237.92	89.24
		For Tempered Low-E Insulated Glass, Add	*212.13*	
08 52 16 00-0994	EA	59-5/16" x 64-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,322.06	93.39
		For Tempered Low-E Insulated Glass, Add	*227.05*	
08 52 16 00-0995	EA	67-5/16" x 64-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,404.41	98.75
		For Tempered Low-E Insulated Glass, Add	*241.62*	

08 52 16 00-0996 68-7/8" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series) *(08 52 16 00-0955)*

08 52 16 00-0997	EA	12" x 68-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	874.71	67.82
		For Tempered Low-E Insulated Glass, Add	*147.81*	
08 52 16 00-0998	EA	37-5/8" x 68-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,138.97	83.29
		For Tempered Low-E Insulated Glass, Add	*194.72*	
08 52 16 00-0999	EA	41-5/8" x 68-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,179.26	85.07
		For Tempered Low-E Insulated Glass, Add	*201.82*	
08 52 16 00-1000	EA	47-5/16" x 68-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,237.92	88.64
		For Tempered Low-E Insulated Glass, Add	*212.13*	
08 52 16 00-1001	EA	51-5/16" x 68-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,279.99	91.61
		For Tempered Low-E Insulated Glass, Add	*219.59*	
08 52 16 00-1002	EA	59-5/16" x 68-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,362.35	95.78
		For Tempered Low-E Insulated Glass, Add	*234.16*	
08 52 16 00-1003	EA	67-5/16" x 68-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,444.70	101.13
		For Tempered Low-E Insulated Glass, Add	*248.73*	

08 52 16 00-1004 72-7/8" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series) *(08 52 16 00-0955)*

08 52 16 00-1005	EA	12" x 72-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	915.01	70.19
		For Tempered Low-E Insulated Glass, Add	*154.92*	
08 52 16 00-1006	EA	37-5/8" x 72-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,179.26	85.66
		For Tempered Low-E Insulated Glass, Add	*201.82*	
08 52 16 00-1007	EA	41-5/8" x 72-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,221.33	87.45
		For Tempered Low-E Insulated Glass, Add	*209.29*	
08 52 16 00-1008	EA	47-5/16" x 72-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,279.99	91.02
		For Tempered Low-E Insulated Glass, Add	*219.59*	
08 52 16 00-1009	EA	51-5/16" x 72-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,322.06	93.99
		For Tempered Low-E Insulated Glass, Add	*227.05*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-1010	EA	59-5/16" x 72-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,404.41	98.15
		For Tempered Low-E Insulated Glass, Add	*241.62*	
08 52 16 00-1011	EA	67-5/16" x 72-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,486.77	103.51
		For Tempered Low-E Insulated Glass, Add	*256.19*	
08 52 16 00-1012		76-7/8" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series) *(08 52 16 00-0955)*		
08 52 16 00-1013	EA	12" x 76-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	957.07	72.58
		For Tempered Low-E Insulated Glass, Add	*162.38*	
08 52 16 00-1014	EA	37-5/8" x 76-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,221.33	88.04
		For Tempered Low-E Insulated Glass, Add	*209.29*	
08 52 16 00-1015	EA	41-5/8" x 76-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,261.61	89.83
		For Tempered Low-E Insulated Glass, Add	*216.39*	
08 52 16 00-1016	EA	47-5/16" x 76-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,322.06	93.39
		For Tempered Low-E Insulated Glass, Add	*227.05*	
08 52 16 00-1017	EA	51-5/16" x 76-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,362.35	96.37
		For Tempered Low-E Insulated Glass, Add	*234.16*	
08 52 16 00-1018	EA	59-5/16" x 76-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,444.70	100.54
		For Tempered Low-E Insulated Glass, Add	*248.73*	
08 52 16 00-1019	EA	67-5/16" x 76-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	1,527.07	105.89
		For Tempered Low-E Insulated Glass, Add	*263.30*	
08 52 16 00-1020		Picture Wood Clad Windows For Horizontal Sliding Windows *(08 52 16 00-0810)*		
08 52 16 00-1021		Picture Wood Clad Windows For Horizontal Sliding Windows (Andersen 200 Series) *(08 52 16 00-1020)*		
		Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and clear insulated glass. Excludes grilles and insect screens.		
08 52 16 00-1022		35-1/2" Height, Picture Wood Clad Windows For Horizontal Sliding Windows (Andersen 200 Series) *(08 52 16 00-1021)*		
08 52 16 00-1023	EA	56-1/2" x 35-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series)	601.76	74.36
		For Tempered Clear Insulated Glass, Add	*90.61*	
08 52 16 00-1024	EA	59-1/2" x 35-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series)	617.76	76.14
		For Tempered Clear Insulated Glass, Add	*93.09*	
08 52 16 00-1025		47-1/2" Height, Picture Wood Clad Windows For Horizontal Sliding Windows (Andersen 200 Series) *(08 52 16 00-1021)*		
08 52 16 00-1026	EA	47-1/2" x 47-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series)	617.76	76.14
		For Tempered Clear Insulated Glass, Add	*93.09*	
08 52 16 00-1027	EA	71-1/2" x 47-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series)	749.37	90.42
		For Tempered Clear Insulated Glass, Add	*113.70*	
08 52 16 00-1028		53-1/2" Height, Picture Wood Clad Windows For Horizontal Sliding Windows (Andersen 200 Series) *(08 52 16 00-1021)*		
08 52 16 00-1029	EA	56-1/2" x 53-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series)	701.35	85.07
		For Tempered Clear Insulated Glass, Add	*106.24*	
08 52 16 00-1030	EA	59-1/2" x 53-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series)	717.35	86.85
		For Tempered Clear Insulated Glass, Add	*108.73*	
08 52 16 00-1031		56-1/2" Height, Picture Wood Clad Windows For Horizontal Sliding Windows (Andersen 200 Series) *(08 52 16 00-1021)*		
08 52 16 00-1032	EA	35-1/2" x 56-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series)	601.76	74.95
		For Tempered Clear Insulated Glass, Add	*90.61*	
08 52 16 00-1033	EA	53-1/2" x 56-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series)	701.35	85.07
		For Tempered Clear Insulated Glass, Add	*106.24*	
08 52 16 00-1034		59-1/2" Height, Picture Wood Clad Windows For Horizontal Sliding Windows (Andersen 200 Series) *(08 52 16 00-1021)*		
08 52 16 00-1035	EA	35-1/2" x 59-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series)	617.76	76.14
		For Tempered Clear Insulated Glass, Add	*93.09*	
08 52 16 00-1036	EA	53-1/2" x 59-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series)	717.35	86.85
		For Tempered Clear Insulated Glass, Add	*108.73*	
08 52 16 00-1037	EA	59-1/2" x 59-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series)	749.37	90.42
		For Tempered Clear Insulated Glass, Add	*113.70*	
08 52 16 00-1038	EA	65-1/2" x 59-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series)	783.15	93.99
		For Tempered Clear Insulated Glass, Add	*119.03*	
08 52 16 00-1039		65-1/2" Height, Picture Wood Clad Windows For Horizontal Sliding Windows (Andersen 200 Series) *(08 52 16 00-1021)*		
08 52 16 00-1040	EA	59-1/2" x 65-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series)	783.15	93.99
		For Tempered Clear Insulated Glass, Add	*119.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-1041		**71-1/2" Height, Picture Wood Clad Windows For Horizontal Sliding Windows (Andersen 200 Series)** *(08 52 16 00-1021)*		
08 52 16 00-1042	EA	47-1/2" x 71-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series)	749.37	90.42
		For Tempered Clear Insulated Glass, Add	*113.70*	
08 52 16 00-1043		**Basement Wood Clad Windows** *(08 52 16)*		
		Note: Basement windows are hinged at the bottom of the frame and swing outward with a crank or push out operation.		
08 52 16 00-1044		**Basement Wood Clad Windows (Andersen 400 Series)** *(08 52 16 00-1043)*		
		Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware, Low-E insulated glass and insect screens. Excludes grilles.		
08 52 16 00-1045	EA	32-1/4" x 15-3/4", Basement Wood Clad Window (Andersen 400 Series)	319.55	47.59
08 52 16 00-1046	EA	32-1/4" x 19-3/4", Basement Wood Clad Window (Andersen 400 Series)	336.40	47.59
08 52 16 00-1047	EA	32-1/4" x 23-3/4", Basement Wood Clad Window (Andersen 400 Series)	351.23	47.59
08 52 16 00-1048		**Factory Installed Grilles For Wood Clad Windows** *(08 52 16)*		
08 52 16 00-1049		**Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows** *(08 52 16 00-1048)*		
08 52 16 00-1050	EA	Up To 9 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows	43.84	
08 52 16 00-1051	EA	>9 To 18 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows	64.60	
08 52 16 00-1052	EA	>18 To 24 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows	87.68	
08 52 16 00-1053	EA	>24 To 36 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows	110.75	
08 52 16 00-1054	EA	>36 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows	156.90	
08 52 16 00-1055		**Fixed Exterior And Removable Interior Grilles, Factory Installed Grilles For Wood Clad Windows** *(08 52 16 00-1048)*		
08 52 16 00-1056	EA	Up To 9 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows	70.14	
08 52 16 00-1057	EA	>9 To 18 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows	103.37	
08 52 16 00-1058	EA	>18 To 24 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows	140.28	
08 52 16 00-1059	EA	>24 To 36 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows	177.20	
08 52 16 00-1060	EA	>36 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows	251.03	
08 52 16 00-1061		**Fixed Exterior And Interior Grilles, Factory Installed Grilles For Wood Clad Windows** *(08 52 16 00-1048)*		
08 52 16 00-1062	EA	Up To 9 SF Windows, Fixed Exterior And Interior Grilles, Factory Installed Grilles For Wood Clad Windows	84.17	
08 52 16 00-1063	EA	>9 To 18 SF Windows, Fixed Exterior And Interior Grilles, Factory Installed Grilles For Wood Clad Windows	124.04	
08 52 16 00-1064	EA	>18 To 24 SF Windows, Fixed Exterior And Interior Grilles, Factory Installed Grilles For Wood Clad Windows	168.34	
08 52 16 00-1065	EA	>24 To 36 SF Windows, Fixed Exterior And Interior Grilles, Factory Installed Grilles For Wood Clad Windows	212.64	
08 52 16 00-1066	EA	>36 SF Windows, Fixed Exterior And Interior Grilles, Factory Installed Grilles For Wood Clad Windows	301.24	
08 52 16 00-1067		**Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Wood Clad Windows** *(08 52 16 00-1048)*		
08 52 16 00-1068	EA	Up To 9 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Wood Clad Windows	101.01	
08 52 16 00-1069	EA	>9 To 18 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Wood Clad Windows	148.84	
08 52 16 00-1070	EA	>18 To 24 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Wood Clad Windows	202.00	
08 52 16 00-1071	EA	>24 To 36 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Wood Clad Windows	255.16	
08 52 16 00-1072	EA	>36 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Wood Clad Windows	361.48	
08 52 66		**Wood Window Screens** *(08 52)*		
08 52 66 00-0001		**Insect Screens For Wood Clad Windows** *(08 52 66)*		
08 52 66 00-0002	EA	Up To 6 SF, Insect Screen For Wood Clad Windows	45.06	10.57
08 52 66 00-0003	EA	>6 To 9 SF, Insect Screen For Wood Clad Windows	51.89	10.57
08 52 66 00-0004	EA	>9 To 12 SF, Insect Screen For Wood Clad Windows	55.31	10.57
08 52 66 00-0005	EA	>12 To 15 SF, Insect Screen For Wood Clad Windows	62.14	10.57
08 52 66 00-0006	EA	>15 To 20 SF, Insect Screen For Wood Clad Windows	75.80	10.57
08 52 66 00-0007	EA	>20 To 25 SF, Insect Screen For Wood Clad Windows	82.63	10.57
08 52 66 00-0008	EA	>25 To 30 SF, Insect Screen For Wood Clad Windows	89.46	10.57
08 52 66 00-0009	EA	>30 To 35 SF, Insect Screen For Wood Clad Windows	96.29	10.57
08 52 66 00-0010	SF	>35 SF, Insect Screen For Wood Clad Windows	2.87	0.21

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

08 53 Plastic Windows *(08 50)*

08 53 13 Vinyl Windows *(08 53)*

08 53 13 00-0001 Single Hung Vinyl Windows *(08 53 13)*

08 53 13 00-0002 New Construction, Single Hung Vinyl Windows (Silver Line 2200) *(08 53 13 00-0001)*

Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles.

08 53 13 00-0003 34" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) *(08 53 13 00-0002)*

08 53 13 00-0004	EA	24" x 34", New Construction, Single Hung Vinyl Window (Silver Line 2200)	332.11	54.73
		For Colored Vinyl, Add	*22.27*	
		For Tinted Glass, Add	*26.72*	
		For Low-E Insulated Glass, Add	*55.66*	
		For Obscure Glass, Add	*61.23*	
08 53 13 00-0005	EA	28" x 34", New Construction, Single Hung Vinyl Window (Silver Line 2200)	349.28	57.11
		For Colored Vinyl, Add	*23.51*	
		For Tinted Glass, Add	*28.21*	
		For Low-E Insulated Glass, Add	*58.77*	
		For Obscure Glass, Add	*64.64*	
08 53 13 00-0006	EA	30" x 34", New Construction, Single Hung Vinyl Window (Silver Line 2200)	356.44	58.30
		For Colored Vinyl, Add	*23.99*	
		For Tinted Glass, Add	*28.78*	
		For Low-E Insulated Glass, Add	*59.96*	
		For Obscure Glass, Add	*65.96*	
08 53 13 00-0007	EA	32" x 34", New Construction, Single Hung Vinyl Window (Silver Line 2200)	364.25	59.48
		For Colored Vinyl, Add	*24.53*	
		For Tinted Glass, Add	*29.43*	
		For Low-E Insulated Glass, Add	*61.32*	
		For Obscure Glass, Add	*67.45*	
08 53 13 00-0008	EA	36" x 34", New Construction, Single Hung Vinyl Window (Silver Line 2200)	384.19	61.87
		For Colored Vinyl, Add	*26.05*	
		For Tinted Glass, Add	*31.25*	
		For Low-E Insulated Glass, Add	*65.11*	
		For Obscure Glass, Add	*71.62*	
08 53 13 00-0009	EA	44" x 34", New Construction, Single Hung Vinyl Window (Silver Line 2200)	416.63	66.63
		For Colored Vinyl, Add	*28.34*	
		For Tinted Glass, Add	*34.01*	
		For Low-E Insulated Glass, Add	*70.85*	
		For Obscure Glass, Add	*77.93*	

08 53 13 00-0010 36" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) *(08 53 13 00-0002)*

08 53 13 00-0011	EA	24" x 36", New Construction, Single Hung Vinyl Window (Silver Line 2200)	338.86	55.92
		For Colored Vinyl, Add	*22.70*	
		For Tinted Glass, Add	*27.24*	
		For Low-E Insulated Glass, Add	*56.76*	
		For Obscure Glass, Add	*62.43*	
08 53 13 00-0012	EA	28" x 36", New Construction, Single Hung Vinyl Window (Silver Line 2200)	356.02	57.11
		For Colored Vinyl, Add	*23.94*	
		For Tinted Glass, Add	*28.73*	
		For Low-E Insulated Glass, Add	*59.86*	
		For Obscure Glass, Add	*65.84*	
08 53 13 00-0013	EA	30" x 36", New Construction, Single Hung Vinyl Window (Silver Line 2200)	363.20	59.48
		For Colored Vinyl, Add	*24.42*	
		For Tinted Glass, Add	*29.31*	
		For Low-E Insulated Glass, Add	*61.06*	
		For Obscure Glass, Add	*67.16*	
08 53 13 00-0014	EA	32" x 36", New Construction, Single Hung Vinyl Window (Silver Line 2200)	370.99	60.68
		For Colored Vinyl, Add	*24.96*	
		For Tinted Glass, Add	*29.96*	
		For Low-E Insulated Glass, Add	*62.41*	
		For Obscure Glass, Add	*68.65*	
08 53 13 00-0015	EA	36" x 36", New Construction, Single Hung Vinyl Window (Silver Line 2200)	390.94	63.06
		For Colored Vinyl, Add	*26.48*	
		For Tinted Glass, Add	*31.78*	
		For Low-E Insulated Glass, Add	*66.21*	
		For Obscure Glass, Add	*72.83*	
08 53 13 00-0016	EA	44" x 36", New Construction, Single Hung Vinyl Window (Silver Line 2200)	423.39	67.82
		For Colored Vinyl, Add	*28.78*	
		For Tinted Glass, Add	*34.53*	
		For Low-E Insulated Glass, Add	*71.94*	
		For Obscure Glass, Add	*79.13*	

08 53 13 00-0017 38" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) *(08 53 13 00-0002)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0018	EA	24" x 38", New Construction, Single Hung Vinyl Window (Silver Line 2200)	345.40	57.11
		For Colored Vinyl, Add	*23.12*	
		For Tinted Glass, Add	*27.74*	
		For Low-E Insulated Glass, Add	*57.80*	
		For Obscure Glass, Add	*63.57*	
08 53 13 00-0019	EA	28" x 38", New Construction, Single Hung Vinyl Window (Silver Line 2200)	362.58	59.48
		For Colored Vinyl, Add	*24.36*	
		For Tinted Glass, Add	*29.23*	
		For Low-E Insulated Glass, Add	*60.90*	
		For Obscure Glass, Add	*66.99*	
08 53 13 00-0020	EA	30" x 38", New Construction, Single Hung Vinyl Window (Silver Line 2200)	370.01	60.68
		For Colored Vinyl, Add	*24.87*	
		For Tinted Glass, Add	*29.84*	
		For Low-E Insulated Glass, Add	*62.17*	
		For Obscure Glass, Add	*68.38*	
08 53 13 00-0021	EA	32" x 38", New Construction, Single Hung Vinyl Window (Silver Line 2200)	377.82	61.87
		For Colored Vinyl, Add	*25.41*	
		For Tinted Glass, Add	*30.49*	
		For Low-E Insulated Glass, Add	*63.52*	
		For Obscure Glass, Add	*69.87*	
08 53 13 00-0022	EA	36" x 38", New Construction, Single Hung Vinyl Window (Silver Line 2200)	398.07	64.25
		For Colored Vinyl, Add	*26.96*	
		For Tinted Glass, Add	*32.35*	
		For Low-E Insulated Glass, Add	*67.39*	
		For Obscure Glass, Add	*74.13*	
08 53 13 00-0023	EA	44" x 38", New Construction, Single Hung Vinyl Window (Silver Line 2200)	430.93	69.01
		For Colored Vinyl, Add	*29.29*	
		For Tinted Glass, Add	*35.15*	
		For Low-E Insulated Glass, Add	*73.23*	
		For Obscure Glass, Add	*80.55*	

08 53 13 00-0024 44" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) *(08 53 13 00-0002)*

08 53 13 00-0025	EA	24" x 44", New Construction, Single Hung Vinyl Window (Silver Line 2200)	365.40	60.68
		For Colored Vinyl, Add	*24.41*	
		For Tinted Glass, Add	*29.29*	
		For Low-E Insulated Glass, Add	*61.01*	
		For Obscure Glass, Add	*67.11*	
08 53 13 00-0026	EA	28" x 44", New Construction, Single Hung Vinyl Window (Silver Line 2200)	382.58	63.06
		For Colored Vinyl, Add	*25.65*	
		For Tinted Glass, Add	*30.78*	
		For Low-E Insulated Glass, Add	*64.12*	
		For Obscure Glass, Add	*70.53*	
08 53 13 00-0027	EA	30" x 44", New Construction, Single Hung Vinyl Window (Silver Line 2200)	390.94	64.25
		For Colored Vinyl, Add	*26.24*	
		For Tinted Glass, Add	*31.49*	
		For Low-E Insulated Glass, Add	*65.61*	
		For Obscure Glass, Add	*72.17*	
08 53 13 00-0028	EA	32" x 44", New Construction, Single Hung Vinyl Window (Silver Line 2200)	398.74	65.43
		For Colored Vinyl, Add	*26.79*	
		For Tinted Glass, Add	*32.14*	
		For Low-E Insulated Glass, Add	*66.97*	
		For Obscure Glass, Add	*73.66*	
08 53 13 00-0029	EA	36" x 44", New Construction, Single Hung Vinyl Window (Silver Line 2200)	419.89	67.82
		For Colored Vinyl, Add	*28.43*	
		For Tinted Glass, Add	*34.11*	
		For Low-E Insulated Glass, Add	*71.06*	
		For Obscure Glass, Add	*78.17*	
08 53 13 00-0030	EA	44" x 44", New Construction, Single Hung Vinyl Window (Silver Line 2200)	453.91	72.58
		For Colored Vinyl, Add	*30.88*	
		For Tinted Glass, Add	*37.05*	
		For Low-E Insulated Glass, Add	*77.19*	
		For Obscure Glass, Add	*84.91*	

08 53 13 00-0031 46" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) *(08 53 13 00-0002)*

08 53 13 00-0032	EA	24" x 46", New Construction, Single Hung Vinyl Window (Silver Line 2200)	372.16	61.87
		For Colored Vinyl, Add	*24.84*	
		For Tinted Glass, Add	*29.81*	
		For Low-E Insulated Glass, Add	*62.11*	
		For Obscure Glass, Add	*68.32*	
08 53 13 00-0033	EA	28" x 46", New Construction, Single Hung Vinyl Window (Silver Line 2200)	389.33	64.25
		For Colored Vinyl, Add	*26.08*	
		For Tinted Glass, Add	*31.30*	
		For Low-E Insulated Glass, Add	*65.21*	
		For Obscure Glass, Add	*71.73*	
08 53 13 00-0034	EA	30" x 46", New Construction, Single Hung Vinyl Window (Silver Line 2200)	397.97	65.43
		For Colored Vinyl, Add	*26.71*	
		For Tinted Glass, Add	*32.05*	
		For Low-E Insulated Glass, Add	*66.77*	
		For Obscure Glass, Add	*73.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0035	EA	32" x 46", New Construction, Single Hung Vinyl Window (Silver Line 2200)	405.76	66.63
		For Colored Vinyl, Add	*27.25*	
		For Tinted Glass, Add	*32.70*	
		For Low-E Insulated Glass, Add	*68.13*	
		For Obscure Glass, Add	*74.94*	
08 53 13 00-0036	EA	36" x 46", New Construction, Single Hung Vinyl Window (Silver Line 2200)	427.19	69.01
		For Colored Vinyl, Add	*28.92*	
		For Tinted Glass, Add	*34.70*	
		For Low-E Insulated Glass, Add	*72.30*	
		For Obscure Glass, Add	*79.52*	
08 53 13 00-0037	EA	44" x 46", New Construction, Single Hung Vinyl Window (Silver Line 2200)	461.64	73.77
		For Colored Vinyl, Add	*31.41*	
		For Tinted Glass, Add	*37.69*	
		For Low-E Insulated Glass, Add	*78.53*	
		For Obscure Glass, Add	*86.38*	

08 53 13 00-0038 48" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) *(08 53 13 00-0002)*

08 53 13 00-0039	EA	24" x 48", New Construction, Single Hung Vinyl Window (Silver Line 2200)	378.98	63.06
		For Colored Vinyl, Add	*25.29*	
		For Tinted Glass, Add	*30.34*	
		For Low-E Insulated Glass, Add	*63.22*	
		For Obscure Glass, Add	*69.54*	
08 53 13 00-0040	EA	28" x 48", New Construction, Single Hung Vinyl Window (Silver Line 2200)	396.15	65.43
		For Colored Vinyl, Add	*26.53*	
		For Tinted Glass, Add	*31.83*	
		For Low-E Insulated Glass, Add	*66.32*	
		For Obscure Glass, Add	*72.95*	
08 53 13 00-0041	EA	30" x 48", New Construction, Single Hung Vinyl Window (Silver Line 2200)	405.06	66.63
		For Colored Vinyl, Add	*27.18*	
		For Tinted Glass, Add	*32.62*	
		For Low-E Insulated Glass, Add	*67.95*	
		For Obscure Glass, Add	*74.75*	
08 53 13 00-0042	EA	32" x 48", New Construction, Single Hung Vinyl Window (Silver Line 2200)	412.87	67.82
		For Colored Vinyl, Add	*27.72*	
		For Tinted Glass, Add	*33.27*	
		For Low-E Insulated Glass, Add	*69.31*	
		For Obscure Glass, Add	*76.24*	
08 53 13 00-0043	EA	36" x 48", New Construction, Single Hung Vinyl Window (Silver Line 2200)	434.62	70.19
		For Colored Vinyl, Add	*29.42*	
		For Tinted Glass, Add	*35.31*	
		For Low-E Insulated Glass, Add	*73.56*	
		For Obscure Glass, Add	*80.91*	
08 53 13 00-0044	EA	44" x 48", New Construction, Single Hung Vinyl Window (Silver Line 2200)	469.44	74.95
		For Colored Vinyl, Add	*31.95*	
		For Tinted Glass, Add	*38.34*	
		For Low-E Insulated Glass, Add	*79.88*	
		For Obscure Glass, Add	*87.87*	

08 53 13 00-0045 50" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) *(08 53 13 00-0002)*

08 53 13 00-0046	EA	24" x 50", New Construction, Single Hung Vinyl Window (Silver Line 2200)	385.52	64.25
		For Colored Vinyl, Add	*25.70*	
		For Tinted Glass, Add	*30.84*	
		For Low-E Insulated Glass, Add	*64.26*	
		For Obscure Glass, Add	*70.68*	
08 53 13 00-0047	EA	28" x 50", New Construction, Single Hung Vinyl Window (Silver Line 2200)	402.68	66.63
		For Colored Vinyl, Add	*26.94*	
		For Tinted Glass, Add	*32.33*	
		For Low-E Insulated Glass, Add	*67.36*	
		For Obscure Glass, Add	*74.09*	
08 53 13 00-0048	EA	30" x 50", New Construction, Single Hung Vinyl Window (Silver Line 2200)	411.92	67.82
		For Colored Vinyl, Add	*27.63*	
		For Tinted Glass, Add	*33.15*	
		For Low-E Insulated Glass, Add	*69.07*	
		For Obscure Glass, Add	*75.98*	
08 53 13 00-0049	EA	32" x 50", New Construction, Single Hung Vinyl Window (Silver Line 2200)	419.71	69.01
		For Colored Vinyl, Add	*28.17*	
		For Tinted Glass, Add	*33.80*	
		For Low-E Insulated Glass, Add	*70.43*	
		For Obscure Glass, Add	*77.47*	
08 53 13 00-0050	EA	36" x 50", New Construction, Single Hung Vinyl Window (Silver Line 2200)	441.74	71.38
		For Colored Vinyl, Add	*29.90*	
		For Tinted Glass, Add	*35.88*	
		For Low-E Insulated Glass, Add	*74.74*	
		For Obscure Glass, Add	*82.22*	
08 53 13 00-0051	EA	44" x 50", New Construction, Single Hung Vinyl Window (Silver Line 2200)	476.96	76.14
		For Colored Vinyl, Add	*32.47*	
		For Tinted Glass, Add	*38.96*	
		For Low-E Insulated Glass, Add	*81.17*	
		For Obscure Glass, Add	*89.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0052		**52" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200)** *(08 53 13 00-0002)*		
08 53 13 00-0053	EA	24" x 52", New Construction, Single Hung Vinyl Window (Silver Line 2200)	392.09	65.43
		For Colored Vinyl, Add	*26.12*	
		For Tinted Glass, Add	*31.35*	
		For Low-E Insulated Glass, Add	*65.30*	
		For Obscure Glass, Add	*71.83*	
08 53 13 00-0054	EA	28" x 52", New Construction, Single Hung Vinyl Window (Silver Line 2200)	409.26	67.82
		For Colored Vinyl, Add	*27.36*	
		For Tinted Glass, Add	*32.83*	
		For Low-E Insulated Glass, Add	*68.41*	
		For Obscure Glass, Add	*75.25*	
08 53 13 00-0055	EA	30" x 52", New Construction, Single Hung Vinyl Window (Silver Line 2200)	418.80	69.01
		For Colored Vinyl, Add	*28.08*	
		For Tinted Glass, Add	*33.69*	
		For Low-E Insulated Glass, Add	*70.20*	
		For Obscure Glass, Add	*77.22*	
08 53 13 00-0056	EA	32" x 52", New Construction, Single Hung Vinyl Window (Silver Line 2200)	426.61	70.19
		For Colored Vinyl, Add	*28.62*	
		For Tinted Glass, Add	*34.35*	
		For Low-E Insulated Glass, Add	*71.55*	
		For Obscure Glass, Add	*78.71*	
08 53 13 00-0057	EA	36" x 52", New Construction, Single Hung Vinyl Window (Silver Line 2200)	448.94	72.58
		For Colored Vinyl, Add	*30.38*	
		For Tinted Glass, Add	*36.45*	
		For Low-E Insulated Glass, Add	*75.95*	
		For Obscure Glass, Add	*83.54*	
08 53 13 00-0058	EA	44" x 52", New Construction, Single Hung Vinyl Window (Silver Line 2200)	484.54	77.34
		For Colored Vinyl, Add	*32.99*	
		For Tinted Glass, Add	*39.58*	
		For Low-E Insulated Glass, Add	*82.47*	
		For Obscure Glass, Add	*90.71*	
08 53 13 00-0059		**54" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200)** *(08 53 13 00-0002)*		
08 53 13 00-0060	EA	24" x 54", New Construction, Single Hung Vinyl Window (Silver Line 2200)	398.66	66.63
		For Colored Vinyl, Add	*26.54*	
		For Tinted Glass, Add	*31.85*	
		For Low-E Insulated Glass, Add	*66.35*	
		For Obscure Glass, Add	*72.99*	
08 53 13 00-0061	EA	28" x 54", New Construction, Single Hung Vinyl Window (Silver Line 2200)	415.83	69.01
		For Colored Vinyl, Add	*27.78*	
		For Tinted Glass, Add	*33.34*	
		For Low-E Insulated Glass, Add	*69.46*	
		For Obscure Glass, Add	*76.40*	
08 53 13 00-0062	EA	30" x 54", New Construction, Single Hung Vinyl Window (Silver Line 2200)	425.67	70.19
		For Colored Vinyl, Add	*28.53*	
		For Tinted Glass, Add	*34.23*	
		For Low-E Insulated Glass, Add	*71.32*	
		For Obscure Glass, Add	*78.45*	
08 53 13 00-0063	EA	32" x 54", New Construction, Single Hung Vinyl Window (Silver Line 2200)	433.45	71.38
		For Colored Vinyl, Add	*29.07*	
		For Tinted Glass, Add	*34.88*	
		For Low-E Insulated Glass, Add	*72.67*	
		For Obscure Glass, Add	*79.94*	
08 53 13 00-0064	EA	36" x 54", New Construction, Single Hung Vinyl Window (Silver Line 2200)	456.08	73.77
		For Colored Vinyl, Add	*30.86*	
		For Tinted Glass, Add	*37.03*	
		For Low-E Insulated Glass, Add	*77.14*	
		For Obscure Glass, Add	*84.85*	
08 53 13 00-0065	EA	44" x 54", New Construction, Single Hung Vinyl Window (Silver Line 2200)	492.06	78.53
		For Colored Vinyl, Add	*33.50*	
		For Tinted Glass, Add	*40.20*	
		For Low-E Insulated Glass, Add	*83.75*	
		For Obscure Glass, Add	*92.13*	
08 53 13 00-0066		**60" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200)** *(08 53 13 00-0002)*		
08 53 13 00-0067	EA	24" x 60", New Construction, Single Hung Vinyl Window (Silver Line 2200)	418.92	70.19
		For Colored Vinyl, Add	*27.85*	
		For Tinted Glass, Add	*33.42*	
		For Low-E Insulated Glass, Add	*69.63*	
		For Obscure Glass, Add	*76.59*	
08 53 13 00-0068	EA	28" x 60", New Construction, Single Hung Vinyl Window (Silver Line 2200)	436.08	72.58
		For Colored Vinyl, Add	*29.09*	
		For Tinted Glass, Add	*34.91*	
		For Low-E Insulated Glass, Add	*72.73*	
		For Obscure Glass, Add	*80.01*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0069	EA	30" x 60", New Construction, Single Hung Vinyl Window (Silver Line 2200)	446.74	73.77
		For Colored Vinyl, Add	*29.92*	
		For Tinted Glass, Add	*35.91*	
		For Low-E Insulated Glass, Add	*74.80*	
		For Obscure Glass, Add	*82.28*	
08 53 13 00-0070	EA	32" x 60", New Construction, Single Hung Vinyl Window (Silver Line 2200)	454.54	74.95
		For Colored Vinyl, Add	*30.46*	
		For Tinted Glass, Add	*36.56*	
		For Low-E Insulated Glass, Add	*76.16*	
		For Obscure Glass, Add	*83.77*	
08 53 13 00-0071	EA	36" x 60", New Construction, Single Hung Vinyl Window (Silver Line 2200)	478.08	77.34
		For Colored Vinyl, Add	*32.34*	
		For Tinted Glass, Add	*38.81*	
		For Low-E Insulated Glass, Add	*80.85*	
		For Obscure Glass, Add	*88.94*	
08 53 13 00-0072	EA	44" x 60", New Construction, Single Hung Vinyl Window (Silver Line 2200)	515.25	82.09
		For Colored Vinyl, Add	*35.11*	
		For Tinted Glass, Add	*42.13*	
		For Low-E Insulated Glass, Add	*87.77*	
		For Obscure Glass, Add	*96.54*	

08 53 13 00-0073 62" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) *(08 53 13 00-0002)*

08 53 13 00-0074	EA	24" x 62", New Construction, Single Hung Vinyl Window (Silver Line 2200)	425.48	71.38
		For Colored Vinyl, Add	*28.27*	
		For Tinted Glass, Add	*33.93*	
		For Low-E Insulated Glass, Add	*70.68*	
		For Obscure Glass, Add	*77.75*	
08 53 13 00-0075	EA	28" x 62", New Construction, Single Hung Vinyl Window (Silver Line 2200)	442.65	73.77
		For Colored Vinyl, Add	*29.51*	
		For Tinted Glass, Add	*35.41*	
		For Low-E Insulated Glass, Add	*73.78*	
		For Obscure Glass, Add	*81.16*	
08 53 13 00-0076	EA	30" x 62", New Construction, Single Hung Vinyl Window (Silver Line 2200)	453.67	74.95
		For Colored Vinyl, Add	*30.38*	
		For Tinted Glass, Add	*36.45*	
		For Low-E Insulated Glass, Add	*75.94*	
		For Obscure Glass, Add	*83.53*	
08 53 13 00-0077	EA	32" x 62", New Construction, Single Hung Vinyl Window (Silver Line 2200)	461.47	76.14
		For Colored Vinyl, Add	*30.92*	
		For Tinted Glass, Add	*37.10*	
		For Low-E Insulated Glass, Add	*77.30*	
		For Obscure Glass, Add	*85.02*	
08 53 13 00-0078	EA	36" x 62", New Construction, Single Hung Vinyl Window (Silver Line 2200)	485.28	78.53
		For Colored Vinyl, Add	*32.82*	
		For Tinted Glass, Add	*39.39*	
		For Low-E Insulated Glass, Add	*82.06*	
		For Obscure Glass, Add	*90.26*	
08 53 13 00-0079	EA	44" x 62", New Construction, Single Hung Vinyl Window (Silver Line 2200)	522.87	83.29
		For Colored Vinyl, Add	*35.63*	
		For Tinted Glass, Add	*42.76*	
		For Low-E Insulated Glass, Add	*89.08*	
		For Obscure Glass, Add	*97.98*	

08 53 13 00-0080 66" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) *(08 53 13 00-0002)*

08 53 13 00-0081	EA	24" x 66", New Construction, Single Hung Vinyl Window (Silver Line 2200)	438.84	73.77
		For Colored Vinyl, Add	*29.13*	
		For Tinted Glass, Add	*34.96*	
		For Low-E Insulated Glass, Add	*72.83*	
		For Obscure Glass, Add	*80.11*	
08 53 13 00-0082	EA	28" x 66", New Construction, Single Hung Vinyl Window (Silver Line 2200)	456.01	76.14
		For Colored Vinyl, Add	*30.37*	
		For Tinted Glass, Add	*36.45*	
		For Low-E Insulated Glass, Add	*75.93*	
		For Obscure Glass, Add	*83.52*	
08 53 13 00-0083	EA	30" x 66", New Construction, Single Hung Vinyl Window (Silver Line 2200)	467.59	77.34
		For Colored Vinyl, Add	*31.29*	
		For Tinted Glass, Add	*37.55*	
		For Low-E Insulated Glass, Add	*78.23*	
		For Obscure Glass, Add	*86.05*	
08 53 13 00-0084	EA	32" x 66", New Construction, Single Hung Vinyl Window (Silver Line 2200)	475.39	78.53
		For Colored Vinyl, Add	*31.83*	
		For Tinted Glass, Add	*38.20*	
		For Low-E Insulated Glass, Add	*79.59*	
		For Obscure Glass, Add	*87.54*	
08 53 13 00-0085	EA	36" x 66", New Construction, Single Hung Vinyl Window (Silver Line 2200)	499.83	80.90
		For Colored Vinyl, Add	*33.80*	
		For Tinted Glass, Add	*40.56*	
		For Low-E Insulated Glass, Add	*84.51*	
		For Obscure Glass, Add	*92.96*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0086	EA	44" x 66", New Construction, Single Hung Vinyl Window (Silver Line 2200)	538.16	85.66
		For Colored Vinyl, Add	*36.68*	
		For Tinted Glass, Add	*44.02*	
		For Low-E Insulated Glass, Add	*91.71*	
		For Obscure Glass, Add	*100.88*	

08 53 13 00-0087 72" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) *(08 53 13 00-0002)*

08 53 13 00-0088	EA	24" x 72", New Construction, Single Hung Vinyl Window (Silver Line 2200)	459.09	77.34
		For Colored Vinyl, Add	*30.44*	
		For Tinted Glass, Add	*36.53*	
		For Low-E Insulated Glass, Add	*76.11*	
		For Obscure Glass, Add	*83.72*	
08 53 13 00-0089	EA	28" x 72", New Construction, Single Hung Vinyl Window (Silver Line 2200)	476.26	79.72
		For Colored Vinyl, Add	*31.68*	
		For Tinted Glass, Add	*38.02*	
		For Low-E Insulated Glass, Add	*79.21*	
		For Obscure Glass, Add	*87.13*	
08 53 13 00-0090	EA	30" x 72", New Construction, Single Hung Vinyl Window (Silver Line 2200)	487.84	80.90
		For Colored Vinyl, Add	*32.60*	
		For Tinted Glass, Add	*39.12*	
		For Low-E Insulated Glass, Add	*81.51*	
		For Obscure Glass, Add	*89.66*	
08 53 13 00-0091	EA	32" x 72", New Construction, Single Hung Vinyl Window (Silver Line 2200)	495.64	82.09
		For Colored Vinyl, Add	*33.15*	
		For Tinted Glass, Add	*39.77*	
		For Low-E Insulated Glass, Add	*82.86*	
		For Obscure Glass, Add	*91.15*	
08 53 13 00-0092	EA	36" x 72", New Construction, Single Hung Vinyl Window (Silver Line 2200)	520.08	84.48
		For Colored Vinyl, Add	*35.11*	
		For Tinted Glass, Add	*42.14*	
		For Low-E Insulated Glass, Add	*87.78*	
		For Obscure Glass, Add	*96.56*	
08 53 13 00-0093	EA	44" x 72", New Construction, Single Hung Vinyl Window (Silver Line 2200)	558.40	89.24
		For Colored Vinyl, Add	*37.99*	
		For Tinted Glass, Add	*45.59*	
		For Low-E Insulated Glass, Add	*94.99*	
		For Obscure Glass, Add	*104.48*	

08 53 13 00-0094 Replacement, Single Hung Vinyl Windows (Silver Line 2000) *(08 53 13 00-0001)*

Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles. Pricing calculated by the United Inch (the combined inches of one width and one height).

08 53 13 00-0095	EA	Up To 73" UI, Replacement, Single Hung Vinyl Window (Silver Line 2000)	482.21	62.46
		For Colored Vinyl, Add	*35.73*	
		For Tinted Glass, Add	*42.87*	
		For Low-E Insulated Glass, Add	*89.32*	
		For Obscure Glass, Add	*98.25*	
08 53 13 00-0096	EA	>73" To 83" UI, Replacement, Single Hung Vinyl Window (Silver Line 2000)	528.54	68.41
		For Colored Vinyl, Add	*39.17*	
		For Tinted Glass, Add	*47.01*	
		For Low-E Insulated Glass, Add	*97.93*	
		For Obscure Glass, Add	*107.72*	
08 53 13 00-0097	EA	>83" To 93" UI, Replacement, Single Hung Vinyl Window (Silver Line 2000)	571.38	74.36
		For Colored Vinyl, Add	*42.27*	
		For Tinted Glass, Add	*50.72*	
		For Low-E Insulated Glass, Add	*105.67*	
		For Obscure Glass, Add	*116.23*	
08 53 13 00-0098	EA	>93" To 101" UI, Replacement, Single Hung Vinyl Window (Silver Line 2000)	601.98	80.31
		For Colored Vinyl, Add	*44.14*	
		For Tinted Glass, Add	*52.96*	
		For Low-E Insulated Glass, Add	*110.34*	
		For Obscure Glass, Add	*121.37*	
08 53 13 00-0099	EA	>101" To 110" UI, Replacement, Single Hung Vinyl Window (Silver Line 2000)	633.97	86.26
		For Colored Vinyl, Add	*46.15*	
		For Tinted Glass, Add	*55.38*	
		For Low-E Insulated Glass, Add	*115.37*	
		For Obscure Glass, Add	*126.90*	
08 53 13 00-0100	EA	>110" To 120" UI, Replacement, Single Hung Vinyl Window (Silver Line 2000)	687.82	92.21
		For Colored Vinyl, Add	*50.34*	
		For Tinted Glass, Add	*60.41*	
		For Low-E Insulated Glass, Add	*125.85*	
		For Obscure Glass, Add	*138.44*	
08 53 13 00-0101	UI	>120" UI, Replacement, Single Hung Vinyl Window (Silver Line 2000)	5.75	0.77
		For Colored Vinyl, Add	*0.42*	
		For Tinted Glass, Add	*0.50*	
		For Low-E Insulated Glass, Add	*1.05*	
		For Obscure Glass, Add	*1.16*	

08 53 13 00-0102 Double Hung Vinyl Windows *(08 53 13)*

08 53 13 00-0103 New Construction, Double Hung Vinyl Windows (Silver Line 3900) *(08 53 13 00-0102)*

Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0104		34" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) *(08 53 13 00-0103)*		
08 53 13 00-0105	EA	24" x 34", New Construction, Double Hung Vinyl Window (Silver Line 3900)	466.60	54.73
		For Colored Vinyl, Add	*35.71*	
		For Tinted Glass, Add	*42.86*	
		For Low-E Insulated Glass, Add	*89.29*	
		For Obscure Glass, Add	*98.21*	
08 53 13 00-0106	EA	28" x 34", New Construction, Double Hung Vinyl Window (Silver Line 3900)	483.77	57.11
		For Colored Vinyl, Add	*36.96*	
		For Tinted Glass, Add	*44.35*	
		For Low-E Insulated Glass, Add	*92.39*	
		For Obscure Glass, Add	*101.63*	
08 53 13 00-0107	EA	30" x 34", New Construction, Double Hung Vinyl Window (Silver Line 3900)	492.09	58.30
		For Colored Vinyl, Add	*37.55*	
		For Tinted Glass, Add	*45.06*	
		For Low-E Insulated Glass, Add	*93.88*	
		For Obscure Glass, Add	*103.26*	
08 53 13 00-0108	EA	32" x 34", New Construction, Double Hung Vinyl Window (Silver Line 3900)	499.89	59.48
		For Colored Vinyl, Add	*38.09*	
		For Tinted Glass, Add	*45.71*	
		For Low-E Insulated Glass, Add	*95.23*	
		For Obscure Glass, Add	*104.75*	
08 53 13 00-0109	EA	36" x 34", New Construction, Double Hung Vinyl Window (Silver Line 3900)	518.67	61.87
		For Colored Vinyl, Add	*39.49*	
		For Tinted Glass, Add	*47.39*	
		For Low-E Insulated Glass, Add	*98.73*	
		For Obscure Glass, Add	*108.61*	
08 53 13 00-0110	EA	44" x 34", New Construction, Double Hung Vinyl Window (Silver Line 3900)	549.61	66.63
		For Colored Vinyl, Add	*41.64*	
		For Tinted Glass, Add	*49.96*	
		For Low-E Insulated Glass, Add	*104.09*	
		For Obscure Glass, Add	*114.50*	
08 53 13 00-0111		36" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) *(08 53 13 00-0103)*		
08 53 13 00-0112	EA	24" x 36", New Construction, Double Hung Vinyl Window (Silver Line 3900)	473.35	55.92
		For Colored Vinyl, Add	*36.15*	
		For Tinted Glass, Add	*43.38*	
		For Low-E Insulated Glass, Add	*90.38*	
		For Obscure Glass, Add	*99.42*	
08 53 13 00-0113	EA	28" x 36", New Construction, Double Hung Vinyl Window (Silver Line 3900)	490.51	58.30
		For Colored Vinyl, Add	*37.39*	
		For Tinted Glass, Add	*44.87*	
		For Low-E Insulated Glass, Add	*93.48*	
		For Obscure Glass, Add	*102.83*	
08 53 13 00-0114	EA	30" x 36", New Construction, Double Hung Vinyl Window (Silver Line 3900)	498.85	59.48
		For Colored Vinyl, Add	*37.99*	
		For Tinted Glass, Add	*45.58*	
		For Low-E Insulated Glass, Add	*94.97*	
		For Obscure Glass, Add	*104.46*	
08 53 13 00-0115	EA	32" x 36", New Construction, Double Hung Vinyl Window (Silver Line 3900)	506.63	60.68
		For Colored Vinyl, Add	*38.53*	
		For Tinted Glass, Add	*46.23*	
		For Low-E Insulated Glass, Add	*96.32*	
		For Obscure Glass, Add	*105.95*	
08 53 13 00-0116	EA	36" x 36", New Construction, Double Hung Vinyl Window (Silver Line 3900)	525.42	63.06
		For Colored Vinyl, Add	*39.93*	
		For Tinted Glass, Add	*47.92*	
		For Low-E Insulated Glass, Add	*99.83*	
		For Obscure Glass, Add	*109.81*	
08 53 13 00-0117	EA	44" x 36", New Construction, Double Hung Vinyl Window (Silver Line 3900)	556.37	67.82
		For Colored Vinyl, Add	*42.07*	
		For Tinted Glass, Add	*50.49*	
		For Low-E Insulated Glass, Add	*105.18*	
		For Obscure Glass, Add	*115.70*	
08 53 13 00-0118		38" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) *(08 53 13 00-0103)*		
08 53 13 00-0119	EA	24" x 38", New Construction, Double Hung Vinyl Window (Silver Line 3900)	479.47	57.11
		For Colored Vinyl, Add	*36.53*	
		For Tinted Glass, Add	*43.83*	
		For Low-E Insulated Glass, Add	*91.31*	
		For Obscure Glass, Add	*100.44*	
08 53 13 00-0120	EA	28" x 38", New Construction, Double Hung Vinyl Window (Silver Line 3900)	496.64	59.48
		For Colored Vinyl, Add	*37.77*	
		For Tinted Glass, Add	*45.32*	
		For Low-E Insulated Glass, Add	*94.42*	
		For Obscure Glass, Add	*103.86*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0121	EA	30" x 38", New Construction, Double Hung Vinyl Window (Silver Line 3900)	505.20	60.68
		For Colored Vinyl, Add	*38.39*	
		For Tinted Glass, Add	*46.06*	
		For Low-E Insulated Glass, Add	*95.96*	
		For Obscure Glass, Add	*105.56*	
08 53 13 00-0122	EA	32" x 38", New Construction, Double Hung Vinyl Window (Silver Line 3900)	513.01	61.87
		For Colored Vinyl, Add	*38.93*	
		For Tinted Glass, Add	*46.71*	
		For Low-E Insulated Glass, Add	*97.32*	
		For Obscure Glass, Add	*107.05*	
08 53 13 00-0123	EA	36" x 38", New Construction, Double Hung Vinyl Window (Silver Line 3900)	532.14	64.25
		For Colored Vinyl, Add	*40.36*	
		For Tinted Glass, Add	*48.44*	
		For Low-E Insulated Glass, Add	*100.91*	
		For Obscure Glass, Add	*111.00*	
08 53 13 00-0124	EA	44" x 38", New Construction, Double Hung Vinyl Window (Silver Line 3900)	563.43	69.01
		For Colored Vinyl, Add	*42.54*	
		For Tinted Glass, Add	*51.05*	
		For Low-E Insulated Glass, Add	*106.36*	
		For Obscure Glass, Add	*116.99*	

08 53 13 00-0125 44" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) *(08 53 13 00-0103)*

08 53 13 00-0126	EA	24" x 44", New Construction, Double Hung Vinyl Window (Silver Line 3900)	500.20	60.68
		For Colored Vinyl, Add	*37.89*	
		For Tinted Glass, Add	*45.46*	
		For Low-E Insulated Glass, Add	*94.71*	
		For Obscure Glass, Add	*104.18*	
08 53 13 00-0127	EA	28" x 44", New Construction, Double Hung Vinyl Window (Silver Line 3900)	517.38	63.06
		For Colored Vinyl, Add	*39.13*	
		For Tinted Glass, Add	*46.95*	
		For Low-E Insulated Glass, Add	*97.82*	
		For Obscure Glass, Add	*107.60*	
08 53 13 00-0128	EA	30" x 44", New Construction, Double Hung Vinyl Window (Silver Line 3900)	524.52	64.25
		For Colored Vinyl, Add	*39.60*	
		For Tinted Glass, Add	*47.52*	
		For Low-E Insulated Glass, Add	*99.01*	
		For Obscure Glass, Add	*108.91*	
08 53 13 00-0129	EA	32" x 44", New Construction, Double Hung Vinyl Window (Silver Line 3900)	532.32	65.43
		For Colored Vinyl, Add	*40.14*	
		For Tinted Glass, Add	*48.17*	
		For Low-E Insulated Glass, Add	*100.36*	
		For Obscure Glass, Add	*110.40*	
08 53 13 00-0130	EA	36" x 44", New Construction, Double Hung Vinyl Window (Silver Line 3900)	552.21	67.82
		For Colored Vinyl, Add	*41.66*	
		For Tinted Glass, Add	*49.99*	
		For Low-E Insulated Glass, Add	*104.14*	
		For Obscure Glass, Add	*114.56*	
08 53 13 00-0131	EA	44" x 44", New Construction, Double Hung Vinyl Window (Silver Line 3900)	585.25	72.58
		For Colored Vinyl, Add	*44.01*	
		For Tinted Glass, Add	*52.81*	
		For Low-E Insulated Glass, Add	*110.03*	
		For Obscure Glass, Add	*121.03*	

08 53 13 00-0132 46" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) *(08 53 13 00-0103)*

08 53 13 00-0133	EA	24" x 46", New Construction, Double Hung Vinyl Window (Silver Line 3900)	506.30	61.87
		For Colored Vinyl, Add	*38.26*	
		For Tinted Glass, Add	*45.91*	
		For Low-E Insulated Glass, Add	*95.64*	
		For Obscure Glass, Add	*105.20*	
08 53 13 00-0134	EA	28" x 46", New Construction, Double Hung Vinyl Window (Silver Line 3900)	523.47	64.25
		For Colored Vinyl, Add	*39.50*	
		For Tinted Glass, Add	*47.40*	
		For Low-E Insulated Glass, Add	*98.74*	
		For Obscure Glass, Add	*108.62*	
08 53 13 00-0135	EA	30" x 46", New Construction, Double Hung Vinyl Window (Silver Line 3900)	530.99	65.43
		For Colored Vinyl, Add	*40.01*	
		For Tinted Glass, Add	*48.01*	
		For Low-E Insulated Glass, Add	*100.03*	
		For Obscure Glass, Add	*110.03*	
08 53 13 00-0136	EA	32" x 46", New Construction, Double Hung Vinyl Window (Silver Line 3900)	538.78	66.63
		For Colored Vinyl, Add	*40.55*	
		For Tinted Glass, Add	*48.66*	
		For Low-E Insulated Glass, Add	*101.38*	
		For Obscure Glass, Add	*111.52*	
08 53 13 00-0137	EA	36" x 46", New Construction, Double Hung Vinyl Window (Silver Line 3900)	558.92	69.01
		For Colored Vinyl, Add	*42.09*	
		For Tinted Glass, Add	*50.51*	
		For Low-E Insulated Glass, Add	*105.23*	
		For Obscure Glass, Add	*115.75*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0138	EA	44" x 46", New Construction, Double Hung Vinyl Window (Silver Line 3900)	593.01	73.77
		For Colored Vinyl, Add	*44.55*	
		For Tinted Glass, Add	*53.46*	
		For Low-E Insulated Glass, Add	*111.37*	
		For Obscure Glass, Add	*122.51*	
08 53 13 00-0139		48" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) *(08 53 13 00-0103)*		
08 53 13 00-0140	EA	24" x 48", New Construction, Double Hung Vinyl Window (Silver Line 3900)	512.45	63.06
		For Colored Vinyl, Add	*38.63*	
		For Tinted Glass, Add	*46.36*	
		For Low-E Insulated Glass, Add	*96.58*	
		For Obscure Glass, Add	*106.24*	
08 53 13 00-0141	EA	28" x 48", New Construction, Double Hung Vinyl Window (Silver Line 3900)	529.62	65.43
		For Colored Vinyl, Add	*39.87*	
		For Tinted Glass, Add	*47.85*	
		For Low-E Insulated Glass, Add	*99.69*	
		For Obscure Glass, Add	*109.65*	
08 53 13 00-0142	EA	30" x 48", New Construction, Double Hung Vinyl Window (Silver Line 3900)	537.34	66.63
		For Colored Vinyl, Add	*40.41*	
		For Tinted Glass, Add	*48.49*	
		For Low-E Insulated Glass, Add	*101.02*	
		For Obscure Glass, Add	*111.12*	
08 53 13 00-0143	EA	32" x 48", New Construction, Double Hung Vinyl Window (Silver Line 3900)	545.15	67.82
		For Colored Vinyl, Add	*40.95*	
		For Tinted Glass, Add	*49.14*	
		For Low-E Insulated Glass, Add	*102.38*	
		For Obscure Glass, Add	*112.62*	
08 53 13 00-0144	EA	36" x 48", New Construction, Double Hung Vinyl Window (Silver Line 3900)	565.64	70.19
		For Colored Vinyl, Add	*42.52*	
		For Tinted Glass, Add	*51.03*	
		For Low-E Insulated Glass, Add	*106.31*	
		For Obscure Glass, Add	*116.94*	
08 53 13 00-0145	EA	44" x 48", New Construction, Double Hung Vinyl Window (Silver Line 3900)	600.64	74.95
		For Colored Vinyl, Add	*45.07*	
		For Tinted Glass, Add	*54.09*	
		For Low-E Insulated Glass, Add	*112.68*	
		For Obscure Glass, Add	*123.95*	
08 53 13 00-0146		50" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) *(08 53 13 00-0103)*		
08 53 13 00-0147	EA	24" x 50", New Construction, Double Hung Vinyl Window (Silver Line 3900)	518.54	64.25
		For Colored Vinyl, Add	*39.00*	
		For Tinted Glass, Add	*46.80*	
		For Low-E Insulated Glass, Add	*97.51*	
		For Obscure Glass, Add	*107.26*	
08 53 13 00-0148	EA	28" x 50", New Construction, Double Hung Vinyl Window (Silver Line 3900)	535.70	66.63
		For Colored Vinyl, Add	*40.25*	
		For Tinted Glass, Add	*48.29*	
		For Low-E Insulated Glass, Add	*100.61*	
		For Obscure Glass, Add	*110.67*	
08 53 13 00-0149	EA	30" x 50", New Construction, Double Hung Vinyl Window (Silver Line 3900)	543.79	67.82
		For Colored Vinyl, Add	*40.82*	
		For Tinted Glass, Add	*48.98*	
		For Low-E Insulated Glass, Add	*102.04*	
		For Obscure Glass, Add	*112.24*	
08 53 13 00-0150	EA	32" x 50", New Construction, Double Hung Vinyl Window (Silver Line 3900)	551.58	69.01
		For Colored Vinyl, Add	*41.36*	
		For Tinted Glass, Add	*49.63*	
		For Low-E Insulated Glass, Add	*103.39*	
		For Obscure Glass, Add	*113.73*	
08 53 13 00-0151	EA	36" x 50", New Construction, Double Hung Vinyl Window (Silver Line 3900)	572.35	71.38
		For Colored Vinyl, Add	*42.96*	
		For Tinted Glass, Add	*51.55*	
		For Low-E Insulated Glass, Add	*107.40*	
		For Obscure Glass, Add	*118.13*	
08 53 13 00-0152	EA	44" x 50", New Construction, Double Hung Vinyl Window (Silver Line 3900)	608.37	76.14
		For Colored Vinyl, Add	*45.61*	
		For Tinted Glass, Add	*54.73*	
		For Low-E Insulated Glass, Add	*114.02*	
		For Obscure Glass, Add	*125.42*	
08 53 13 00-0153		52" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) *(08 53 13 00-0103)*		
08 53 13 00-0154	EA	24" x 52", New Construction, Double Hung Vinyl Window (Silver Line 3900)	524.66	65.43
		For Colored Vinyl, Add	*39.38*	
		For Tinted Glass, Add	*47.25*	
		For Low-E Insulated Glass, Add	*98.45*	
		For Obscure Glass, Add	*108.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0155	EA	28" x 52", New Construction, Double Hung Vinyl Window (Silver Line 3900)	541.83	67.82
		For Colored Vinyl, Add	*40.62*	
		For Tinted Glass, Add	*48.74*	
		For Low-E Insulated Glass, Add	*101.55*	
		For Obscure Glass, Add	*111.70*	
08 53 13 00-0156	EA	30" x 52", New Construction, Double Hung Vinyl Window (Silver Line 3900)	550.14	69.01
		For Colored Vinyl, Add	*41.21*	
		For Tinted Glass, Add	*49.46*	
		For Low-E Insulated Glass, Add	*103.03*	
		For Obscure Glass, Add	*113.34*	
08 53 13 00-0157	EA	32" x 52", New Construction, Double Hung Vinyl Window (Silver Line 3900)	557.95	70.19
		For Colored Vinyl, Add	*41.76*	
		For Tinted Glass, Add	*50.11*	
		For Low-E Insulated Glass, Add	*104.39*	
		For Obscure Glass, Add	*114.83*	
08 53 13 00-0158	EA	36" x 52", New Construction, Double Hung Vinyl Window (Silver Line 3900)	579.66	72.58
		For Colored Vinyl, Add	*43.45*	
		For Tinted Glass, Add	*52.14*	
		For Low-E Insulated Glass, Add	*108.63*	
		For Obscure Glass, Add	*119.49*	
08 53 13 00-0159	EA	44" x 52", New Construction, Double Hung Vinyl Window (Silver Line 3900)	615.96	77.34
		For Colored Vinyl, Add	*46.13*	
		For Tinted Glass, Add	*55.35*	
		For Low-E Insulated Glass, Add	*115.32*	
		For Obscure Glass, Add	*126.85*	

08 53 13 00-0160 54" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) *(08 53 13 00-0103)*

08 53 13 00-0161	EA	24" x 54", New Construction, Double Hung Vinyl Window (Silver Line 3900)	530.80	66.63
		For Colored Vinyl, Add	*39.76*	
		For Tinted Glass, Add	*47.71*	
		For Low-E Insulated Glass, Add	*99.39*	
		For Obscure Glass, Add	*109.33*	
08 53 13 00-0162	EA	28" x 54", New Construction, Double Hung Vinyl Window (Silver Line 3900)	547.98	69.01
		For Colored Vinyl, Add	*41.00*	
		For Tinted Glass, Add	*49.20*	
		For Low-E Insulated Glass, Add	*102.49*	
		For Obscure Glass, Add	*112.74*	
08 53 13 00-0163	EA	30" x 54", New Construction, Double Hung Vinyl Window (Silver Line 3900)	556.62	70.19
		For Colored Vinyl, Add	*41.62*	
		For Tinted Glass, Add	*49.95*	
		For Low-E Insulated Glass, Add	*104.06*	
		For Obscure Glass, Add	*114.46*	
08 53 13 00-0164	EA	32" x 54", New Construction, Double Hung Vinyl Window (Silver Line 3900)	564.41	71.38
		For Colored Vinyl, Add	*42.16*	
		For Tinted Glass, Add	*50.60*	
		For Low-E Insulated Glass, Add	*105.41*	
		For Obscure Glass, Add	*115.95*	
08 53 13 00-0165	EA	36" x 54", New Construction, Double Hung Vinyl Window (Silver Line 3900)	586.97	73.77
		For Colored Vinyl, Add	*43.94*	
		For Tinted Glass, Add	*52.73*	
		For Low-E Insulated Glass, Add	*109.86*	
		For Obscure Glass, Add	*120.85*	
08 53 13 00-0166	EA	44" x 54", New Construction, Double Hung Vinyl Window (Silver Line 3900)	623.58	78.53
		For Colored Vinyl, Add	*46.65*	
		For Tinted Glass, Add	*55.98*	
		For Low-E Insulated Glass, Add	*116.63*	
		For Obscure Glass, Add	*128.30*	

08 53 13 00-0167 60" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) *(08 53 13 00-0103)*

08 53 13 00-0168	EA	24" x 60", New Construction, Double Hung Vinyl Window (Silver Line 3900)	549.25	70.19
		For Colored Vinyl, Add	*40.89*	
		For Tinted Glass, Add	*49.06*	
		For Low-E Insulated Glass, Add	*102.21*	
		For Obscure Glass, Add	*112.43*	
08 53 13 00-0169	EA	28" x 60", New Construction, Double Hung Vinyl Window (Silver Line 3900)	566.41	72.58
		For Colored Vinyl, Add	*42.13*	
		For Tinted Glass, Add	*50.55*	
		For Low-E Insulated Glass, Add	*105.32*	
		For Obscure Glass, Add	*115.85*	
08 53 13 00-0170	EA	30" x 60", New Construction, Double Hung Vinyl Window (Silver Line 3900)	577.11	73.77
		For Colored Vinyl, Add	*42.96*	
		For Tinted Glass, Add	*51.55*	
		For Low-E Insulated Glass, Add	*107.40*	
		For Obscure Glass, Add	*118.13*	
08 53 13 00-0171	EA	32" x 60", New Construction, Double Hung Vinyl Window (Silver Line 3900)	584.91	74.95
		For Colored Vinyl, Add	*43.50*	
		For Tinted Glass, Add	*52.20*	
		For Low-E Insulated Glass, Add	*108.75*	
		For Obscure Glass, Add	*119.63*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0172	EA	36" x 60", New Construction, Double Hung Vinyl Window (Silver Line 3900)	608.79	77.34
		For Colored Vinyl, Add	*45.41*	
		For Tinted Glass, Add	*54.49*	
		For Low-E Insulated Glass, Add	*113.53*	
		For Obscure Glass, Add	*124.88*	
08 53 13 00-0173	EA	44" x 60", New Construction, Double Hung Vinyl Window (Silver Line 3900)	646.52	82.09
		For Colored Vinyl, Add	*48.23*	
		For Tinted Glass, Add	*57.88*	
		For Low-E Insulated Glass, Add	*120.58*	
		For Obscure Glass, Add	*132.64*	

08 53 13 00-0174 62" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) *(08 53 13 00-0103)*

08 53 13 00-0175	EA	24" x 62", New Construction, Double Hung Vinyl Window (Silver Line 3900)	555.36	71.38
		For Colored Vinyl, Add	*41.26*	
		For Tinted Glass, Add	*49.51*	
		For Low-E Insulated Glass, Add	*103.15*	
		For Obscure Glass, Add	*113.46*	
08 53 13 00-0176	EA	28" x 62", New Construction, Double Hung Vinyl Window (Silver Line 3900)	572.53	73.77
		For Colored Vinyl, Add	*42.50*	
		For Tinted Glass, Add	*51.00*	
		For Low-E Insulated Glass, Add	*106.25*	
		For Obscure Glass, Add	*116.88*	
08 53 13 00-0177	EA	30" x 62", New Construction, Double Hung Vinyl Window (Silver Line 3900)	584.07	74.95
		For Colored Vinyl, Add	*43.42*	
		For Tinted Glass, Add	*52.10*	
		For Low-E Insulated Glass, Add	*108.54*	
		For Obscure Glass, Add	*119.39*	
08 53 13 00-0178	EA	32" x 62", New Construction, Double Hung Vinyl Window (Silver Line 3900)	591.87	76.14
		For Colored Vinyl, Add	*43.96*	
		For Tinted Glass, Add	*52.75*	
		For Low-E Insulated Glass, Add	*109.90*	
		For Obscure Glass, Add	*120.88*	
08 53 13 00-0179	EA	36" x 62", New Construction, Double Hung Vinyl Window (Silver Line 3900)	616.03	78.53
		For Colored Vinyl, Add	*45.90*	
		For Tinted Glass, Add	*55.08*	
		For Low-E Insulated Glass, Add	*114.75*	
		For Obscure Glass, Add	*126.22*	
08 53 13 00-0180	EA	44" x 62", New Construction, Double Hung Vinyl Window (Silver Line 3900)	654.84	83.29
		For Colored Vinyl, Add	*48.83*	
		For Tinted Glass, Add	*58.59*	
		For Low-E Insulated Glass, Add	*122.07*	
		For Obscure Glass, Add	*134.27*	

08 53 13 00-0181 66" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) *(08 53 13 00-0103)*

08 53 13 00-0182	EA	24" x 66", New Construction, Double Hung Vinyl Window (Silver Line 3900)	568.86	73.77
		For Colored Vinyl, Add	*42.13*	
		For Tinted Glass, Add	*50.56*	
		For Low-E Insulated Glass, Add	*105.33*	
		For Obscure Glass, Add	*115.87*	
08 53 13 00-0183	EA	28" x 66", New Construction, Double Hung Vinyl Window (Silver Line 3900)	586.03	76.14
		For Colored Vinyl, Add	*43.37*	
		For Tinted Glass, Add	*52.05*	
		For Low-E Insulated Glass, Add	*108.44*	
		For Obscure Glass, Add	*119.28*	
08 53 13 00-0184	EA	30" x 66", New Construction, Double Hung Vinyl Window (Silver Line 3900)	598.02	77.34
		For Colored Vinyl, Add	*44.34*	
		For Tinted Glass, Add	*53.20*	
		For Low-E Insulated Glass, Add	*110.84*	
		For Obscure Glass, Add	*121.92*	
08 53 13 00-0185	EA	32" x 66", New Construction, Double Hung Vinyl Window (Silver Line 3900)	605.82	78.53
		For Colored Vinyl, Add	*44.88*	
		For Tinted Glass, Add	*53.85*	
		For Low-E Insulated Glass, Add	*112.19*	
		For Obscure Glass, Add	*123.41*	
08 53 13 00-0186	EA	36" x 66", New Construction, Double Hung Vinyl Window (Silver Line 3900)	630.65	80.90
		For Colored Vinyl, Add	*46.88*	
		For Tinted Glass, Add	*56.26*	
		For Low-E Insulated Glass, Add	*117.21*	
		For Obscure Glass, Add	*128.93*	
08 53 13 00-0187	EA	44" x 66", New Construction, Double Hung Vinyl Window (Silver Line 3900)	670.93	85.66
		For Colored Vinyl, Add	*49.96*	
		For Tinted Glass, Add	*59.95*	
		For Low-E Insulated Glass, Add	*124.90*	
		For Obscure Glass, Add	*137.39*	

08 53 13 00-0188 72" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) *(08 53 13 00-0103)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0189	EA	24" x 72", New Construction, Double Hung Vinyl Window (Silver Line 3900)	589.11	77.34
		For Colored Vinyl, Add	*43.44*	
		For Tinted Glass, Add	*52.13*	
		For Low-E Insulated Glass, Add	*108.61*	
		For Obscure Glass, Add	*119.47*	
08 53 13 00-0190	EA	28" x 72", New Construction, Double Hung Vinyl Window (Silver Line 3900)	606.28	79.72
		For Colored Vinyl, Add	*44.69*	
		For Tinted Glass, Add	*53.62*	
		For Low-E Insulated Glass, Add	*111.71*	
		For Obscure Glass, Add	*122.88*	
08 53 13 00-0191	EA	30" x 72", New Construction, Double Hung Vinyl Window (Silver Line 3900)	618.27	80.90
		For Colored Vinyl, Add	*45.65*	
		For Tinted Glass, Add	*54.78*	
		For Low-E Insulated Glass, Add	*114.12*	
		For Obscure Glass, Add	*125.53*	
08 53 13 00-0192	EA	32" x 72", New Construction, Double Hung Vinyl Window (Silver Line 3900)	626.07	82.09
		For Colored Vinyl, Add	*46.19*	
		For Tinted Glass, Add	*55.43*	
		For Low-E Insulated Glass, Add	*115.47*	
		For Obscure Glass, Add	*127.02*	
08 53 13 00-0193	EA	36" x 72", New Construction, Double Hung Vinyl Window (Silver Line 3900)	650.90	84.48
		For Colored Vinyl, Add	*48.20*	
		For Tinted Glass, Add	*57.83*	
		For Low-E Insulated Glass, Add	*120.49*	
		For Obscure Glass, Add	*132.54*	
08 53 13 00-0194	EA	44" x 72", New Construction, Double Hung Vinyl Window (Silver Line 3900)	691.17	89.24
		For Colored Vinyl, Add	*51.27*	
		For Tinted Glass, Add	*61.53*	
		For Low-E Insulated Glass, Add	*128.18*	
		For Obscure Glass, Add	*141.00*	

08 53 13 00-0195 Replacement, Double Hung Vinyl Windows (Silver Line 8500) *(08 53 13 00-0102)*

Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles. Pricing calculated by the United Inch (the combined inches of one width and one height).

08 53 13 00-0196	EA	Up To 73" UI, Replacement, Double Hung Vinyl Window (Silver Line 8500)	571.53	62.46
		For Colored Vinyl, Add	*44.66*	
		For Tinted Glass, Add	*53.59*	
		For Low-E Insulated Glass, Add	*111.65*	
		For Obscure Glass, Add	*122.82*	
08 53 13 00-0197	EA	>73" To 83" UI, Replacement, Double Hung Vinyl Window (Silver Line 8500)	630.09	68.41
		For Colored Vinyl, Add	*49.33*	
		For Tinted Glass, Add	*59.19*	
		For Low-E Insulated Glass, Add	*123.32*	
		For Obscure Glass, Add	*135.65*	
08 53 13 00-0198	EA	>83" To 93" UI, Replacement, Double Hung Vinyl Window (Silver Line 8500)	685.17	74.36
		For Colored Vinyl, Add	*53.65*	
		For Tinted Glass, Add	*64.37*	
		For Low-E Insulated Glass, Add	*134.11*	
		For Obscure Glass, Add	*147.52*	
08 53 13 00-0199	EA	>93" To 101" UI, Replacement, Double Hung Vinyl Window (Silver Line 8500)	725.56	80.31
		For Colored Vinyl, Add	*56.49*	
		For Tinted Glass, Add	*67.79*	
		For Low-E Insulated Glass, Add	*141.24*	
		For Obscure Glass, Add	*155.36*	
08 53 13 00-0200	EA	>101" To 110" UI, Replacement, Double Hung Vinyl Window (Silver Line 8500)	768.56	86.26
		For Colored Vinyl, Add	*59.61*	
		For Tinted Glass, Add	*71.53*	
		For Low-E Insulated Glass, Add	*149.01*	
		For Obscure Glass, Add	*163.91*	
08 53 13 00-0201	EA	>110" To 120" UI, Replacement, Double Hung Vinyl Window (Silver Line 8500)	834.65	92.21
		For Colored Vinyl, Add	*65.02*	
		For Tinted Glass, Add	*78.03*	
		For Low-E Insulated Glass, Add	*162.56*	
		For Obscure Glass, Add	*178.82*	
08 53 13 00-0202	UI	>120" UI, Replacement, Double Hung Vinyl Window (Silver Line 8500)	6.97	0.77
		For Colored Vinyl, Add	*0.54*	
		For Tinted Glass, Add	*0.65*	
		For Low-E Insulated Glass, Add	*1.36*	
		For Obscure Glass, Add	*1.49*	

08 53 13 00-0203 Casement Vinyl Windows *(08 53 13)*

08 53 13 00-0204 New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0203)*

Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles.

08 53 13 00-0205 One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0204)*

08 53 13 00-0206 24" Height, One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0205)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0207	EA	17" x 24", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	425.76	45.21
		For Colored Vinyl, Add	*33.65*	
		For Tinted Glass, Add	*40.38*	
		For Low-E Insulated Glass, Add	*84.13*	
		For Obscure Glass, Add	*92.54*	
08 53 13 00-0208	EA	20" x 24", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	440.68	46.40
		For Colored Vinyl, Add	*34.79*	
		For Tinted Glass, Add	*41.75*	
		For Low-E Insulated Glass, Add	*86.97*	
		For Obscure Glass, Add	*95.67*	
08 53 13 00-0209	EA	24" x 24", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	456.80	48.79
		For Colored Vinyl, Add	*35.92*	
		For Tinted Glass, Add	*43.11*	
		For Low-E Insulated Glass, Add	*89.81*	
		For Obscure Glass, Add	*98.79*	
08 53 13 00-0210	EA	28" x 24", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	485.44	51.16
		For Colored Vinyl, Add	*38.31*	
		For Tinted Glass, Add	*45.97*	
		For Low-E Insulated Glass, Add	*95.78*	
		For Obscure Glass, Add	*105.36*	

08 53 13 00-0211 28" Height, One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0205)*

08 53 13 00-0212	EA	17" x 28", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	451.66	47.59
		For Colored Vinyl, Add	*35.77*	
		For Tinted Glass, Add	*42.92*	
		For Low-E Insulated Glass, Add	*89.42*	
		For Obscure Glass, Add	*98.36*	
08 53 13 00-0213	EA	20" x 28", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	467.88	48.79
		For Colored Vinyl, Add	*37.03*	
		For Tinted Glass, Add	*44.44*	
		For Low-E Insulated Glass, Add	*92.58*	
		For Obscure Glass, Add	*101.84*	
08 53 13 00-0214	EA	24" x 28", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	485.26	51.16
		For Colored Vinyl, Add	*38.29*	
		For Tinted Glass, Add	*45.95*	
		For Low-E Insulated Glass, Add	*95.74*	
		For Obscure Glass, Add	*105.31*	
08 53 13 00-0215	EA	28" x 28", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	515.44	53.54
		For Colored Vinyl, Add	*40.84*	
		For Tinted Glass, Add	*49.00*	
		For Low-E Insulated Glass, Add	*102.09*	
		For Obscure Glass, Add	*112.30*	

08 53 13 00-0216 36" Height, One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0205)*

08 53 13 00-0217	EA	17" x 36", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	482.71	51.16
		For Colored Vinyl, Add	*38.04*	
		For Tinted Glass, Add	*45.65*	
		For Low-E Insulated Glass, Add	*95.10*	
		For Obscure Glass, Add	*104.61*	
08 53 13 00-0218	EA	20" x 36", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	499.56	53.54
		For Colored Vinyl, Add	*39.37*	
		For Tinted Glass, Add	*47.24*	
		For Low-E Insulated Glass, Add	*98.42*	
		For Obscure Glass, Add	*108.26*	
08 53 13 00-0219	EA	24" x 36", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	517.64	55.33
		For Colored Vinyl, Add	*40.70*	
		For Tinted Glass, Add	*48.84*	
		For Low-E Insulated Glass, Add	*101.75*	
		For Obscure Glass, Add	*111.92*	
08 53 13 00-0220	EA	28" x 36", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	549.04	57.70
		For Colored Vinyl, Add	*43.36*	
		For Tinted Glass, Add	*52.04*	
		For Low-E Insulated Glass, Add	*108.41*	
		For Obscure Glass, Add	*119.25*	

08 53 13 00-0221 40" Height, One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0205)*

08 53 13 00-0222	EA	17" x 40", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	510.58	54.73
		For Colored Vinyl, Add	*40.23*	
		For Tinted Glass, Add	*48.28*	
		For Low-E Insulated Glass, Add	*100.58*	
		For Obscure Glass, Add	*110.64*	
08 53 13 00-0223	EA	20" x 40", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	528.34	55.92
		For Colored Vinyl, Add	*41.65*	
		For Tinted Glass, Add	*49.98*	
		For Low-E Insulated Glass, Add	*104.13*	
		For Obscure Glass, Add	*114.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0224	EA	24" x 40", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	547.29	58.30
		For Colored Vinyl, Add	*43.07*	
		For Tinted Glass, Add	*51.68*	
		For Low-E Insulated Glass, Add	*107.68*	
		For Obscure Glass, Add	*118.44*	
08 53 13 00-0225	EA	28" x 40", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	581.20	60.68
		For Colored Vinyl, Add	*45.99*	
		For Tinted Glass, Add	*55.18*	
		For Low-E Insulated Glass, Add	*114.96*	
		For Obscure Glass, Add	*126.46*	
08 53 13 00-0226		48" Height, One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0205)*		
08 53 13 00-0227	EA	17" x 48", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	542.23	59.48
		For Colored Vinyl, Add	*42.44*	
		For Tinted Glass, Add	*50.93*	
		For Low-E Insulated Glass, Add	*106.11*	
		For Obscure Glass, Add	*116.72*	
08 53 13 00-0228	EA	20" x 48", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	560.75	60.68
		For Colored Vinyl, Add	*43.94*	
		For Tinted Glass, Add	*52.73*	
		For Low-E Insulated Glass, Add	*109.85*	
		For Obscure Glass, Add	*120.84*	
08 53 13 00-0229	EA	24" x 48", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	580.52	63.06
		For Colored Vinyl, Add	*45.44*	
		For Tinted Glass, Add	*54.53*	
		For Low-E Insulated Glass, Add	*113.60*	
		For Obscure Glass, Add	*124.96*	
08 53 13 00-0230	EA	28" x 48", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	617.76	65.43
		For Colored Vinyl, Add	*48.69*	
		For Tinted Glass, Add	*58.43*	
		For Low-E Insulated Glass, Add	*121.72*	
		For Obscure Glass, Add	*133.89*	
08 53 13 00-0231		52" Height, One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0205)*		
08 53 13 00-0232	EA	17" x 52", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	569.00	61.87
		For Colored Vinyl, Add	*44.65*	
		For Tinted Glass, Add	*53.58*	
		For Low-E Insulated Glass, Add	*111.62*	
		For Obscure Glass, Add	*122.78*	
08 53 13 00-0233	EA	20" x 52", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	588.59	63.06
		For Colored Vinyl, Add	*46.25*	
		For Tinted Glass, Add	*55.50*	
		For Low-E Insulated Glass, Add	*115.62*	
		For Obscure Glass, Add	*127.18*	
08 53 13 00-0234	EA	24" x 52", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	609.33	65.43
		For Colored Vinyl, Add	*47.85*	
		For Tinted Glass, Add	*57.41*	
		For Low-E Insulated Glass, Add	*119.61*	
		For Obscure Glass, Add	*131.57*	
08 53 13 00-0235	EA	28" x 52", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	647.20	67.82
		For Colored Vinyl, Add	*51.16*	
		For Tinted Glass, Add	*61.39*	
		For Low-E Insulated Glass, Add	*127.89*	
		For Obscure Glass, Add	*140.68*	
08 53 13 00-0236		60" Height, One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0205)*		
08 53 13 00-0237	EA	17" x 60", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	599.37	65.43
		For Colored Vinyl, Add	*46.85*	
		For Tinted Glass, Add	*56.22*	
		For Low-E Insulated Glass, Add	*117.12*	
		For Obscure Glass, Add	*128.83*	
08 53 13 00-0238	EA	20" x 60", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	619.96	67.82
		For Colored Vinyl, Add	*48.55*	
		For Tinted Glass, Add	*58.26*	
		For Low-E Insulated Glass, Add	*121.38*	
		For Obscure Glass, Add	*133.52*	
08 53 13 00-0239	EA	24" x 60", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	641.74	69.60
		For Colored Vinyl, Add	*50.25*	
		For Tinted Glass, Add	*60.30*	
		For Low-E Insulated Glass, Add	*125.64*	
		For Obscure Glass, Add	*138.20*	
08 53 13 00-0240	EA	28" x 60", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	680.20	71.99
		For Colored Vinyl, Add	*53.62*	
		For Tinted Glass, Add	*64.35*	
		For Low-E Insulated Glass, Add	*134.06*	
		For Obscure Glass, Add	*147.47*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0241		**64" Height, One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550)** *(08 53 13 00-0205)*		
08 53 13 00-0242	EA	17" x 64", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	626.81	69.01
		For Colored Vinyl, Add	*49.00*	
		For Tinted Glass, Add	*58.80*	
		For Low-E Insulated Glass, Add	*122.50*	
		For Obscure Glass, Add	*134.75*	
08 53 13 00-0243	EA	20" x 64", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	647.94	70.19
		For Colored Vinyl, Add	*50.75*	
		For Tinted Glass, Add	*60.90*	
		For Low-E Insulated Glass, Add	*126.89*	
		For Obscure Glass, Add	*139.57*	
08 53 13 00-0244	EA	24" x 64", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	671.11	72.58
		For Colored Vinyl, Add	*52.60*	
		For Tinted Glass, Add	*63.12*	
		For Low-E Insulated Glass, Add	*131.49*	
		For Obscure Glass, Add	*144.64*	
08 53 13 00-0245	EA	28" x 64", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	708.70	74.95
		For Colored Vinyl, Add	*55.88*	
		For Tinted Glass, Add	*67.05*	
		For Low-E Insulated Glass, Add	*139.70*	
		For Obscure Glass, Add	*153.67*	
08 53 13 00-0246		**72" Height, One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550)** *(08 53 13 00-0205)*		
08 53 13 00-0247	EA	17" x 72", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	660.55	72.58
		For Colored Vinyl, Add	*51.54*	
		For Tinted Glass, Add	*61.85*	
		For Low-E Insulated Glass, Add	*128.85*	
		For Obscure Glass, Add	*141.74*	
08 53 13 00-0248	EA	20" x 72", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	682.76	74.95
		For Colored Vinyl, Add	*53.40*	
		For Tinted Glass, Add	*64.08*	
		For Low-E Insulated Glass, Add	*133.51*	
		For Obscure Glass, Add	*146.86*	
08 53 13 00-0249	EA	24" x 72", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	704.96	76.74
		For Colored Vinyl, Add	*55.15*	
		For Tinted Glass, Add	*66.18*	
		For Low-E Insulated Glass, Add	*137.87*	
		For Obscure Glass, Add	*151.66*	
08 53 13 00-0250	EA	28" x 72", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	742.09	79.12
		For Colored Vinyl, Add	*58.39*	
		For Tinted Glass, Add	*70.06*	
		For Low-E Insulated Glass, Add	*145.96*	
		For Obscure Glass, Add	*160.56*	
08 53 13 00-0251		**Two Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550)** *(08 53 13 00-0204)*		
08 53 13 00-0252		**36" Height, Two Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550)** *(08 53 13 00-0251)*		
08 53 13 00-0253	EA	33" x 36", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	851.96	60.68
		For Colored Vinyl, Add	*73.06*	
		For Tinted Glass, Add	*87.67*	
		For Low-E Insulated Glass, Add	*182.65*	
		For Obscure Glass, Add	*200.92*	
08 53 13 00-0254	EA	40" x 36", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	883.23	65.43
		For Colored Vinyl, Add	*75.35*	
		For Tinted Glass, Add	*90.42*	
		For Low-E Insulated Glass, Add	*188.39*	
		For Obscure Glass, Add	*207.22*	
08 53 13 00-0255	EA	48" x 36", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	915.71	70.19
		For Colored Vinyl, Add	*77.65*	
		For Tinted Glass, Add	*93.18*	
		For Low-E Insulated Glass, Add	*194.13*	
		For Obscure Glass, Add	*213.54*	
08 53 13 00-0256	EA	56" x 36", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	952.46	74.36
		For Colored Vinyl, Add	*80.37*	
		For Tinted Glass, Add	*96.45*	
		For Low-E Insulated Glass, Add	*200.94*	
		For Obscure Glass, Add	*221.03*	
08 53 13 00-0257		**40" Height, Two Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550)** *(08 53 13 00-0251)*		
08 53 13 00-0258	EA	33" x 40", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	902.10	63.65
		For Colored Vinyl, Add	*77.48*	
		For Tinted Glass, Add	*92.98*	
		For Low-E Insulated Glass, Add	*193.70*	
		For Obscure Glass, Add	*213.07*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0259	EA	40" x 40", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	935.26	67.82
		For Colored Vinyl, Add	*79.96*	
		For Tinted Glass, Add	*95.95*	
		For Low-E Insulated Glass, Add	*199.91*	
		For Obscure Glass, Add	*219.90*	
08 53 13 00-0260	EA	48" x 40", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	969.63	72.58
		For Colored Vinyl, Add	*82.45*	
		For Tinted Glass, Add	*98.94*	
		For Low-E Insulated Glass, Add	*206.12*	
		For Obscure Glass, Add	*226.73*	
08 53 13 00-0261	EA	56" x 40", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	1,005.22	77.34
		For Colored Vinyl, Add	*85.06*	
		For Tinted Glass, Add	*102.07*	
		For Low-E Insulated Glass, Add	*212.64*	
		For Obscure Glass, Add	*233.90*	

08 53 13 00-0262 48" Height, Two Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0251)*

08 53 13 00-0263	EA	33" x 48", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	956.68	68.41
		For Colored Vinyl, Add	*81.99*	
		For Tinted Glass, Add	*98.38*	
		For Low-E Insulated Glass, Add	*204.97*	
		For Obscure Glass, Add	*225.46*	
08 53 13 00-0264	EA	40" x 48", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	991.20	72.58
		For Colored Vinyl, Add	*84.61*	
		For Tinted Glass, Add	*101.53*	
		For Low-E Insulated Glass, Add	*211.51*	
		For Obscure Glass, Add	*232.66*	
08 53 13 00-0265	EA	48" x 48", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	1,026.93	77.34
		For Colored Vinyl, Add	*87.23*	
		For Tinted Glass, Add	*104.67*	
		For Low-E Insulated Glass, Add	*218.07*	
		For Obscure Glass, Add	*239.87*	
08 53 13 00-0266	EA	56" x 48", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	1,065.72	82.09
		For Colored Vinyl, Add	*90.15*	
		For Tinted Glass, Add	*108.18*	
		For Low-E Insulated Glass, Add	*225.38*	
		For Obscure Glass, Add	*247.92*	

08 53 13 00-0267 52" Height, Two Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0251)*

08 53 13 00-0268	EA	33" x 52", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	1,006.40	70.79
		For Colored Vinyl, Add	*86.48*	
		For Tinted Glass, Add	*103.78*	
		For Low-E Insulated Glass, Add	*216.21*	
		For Obscure Glass, Add	*237.83*	
08 53 13 00-0269	EA	40" x 52", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	1,042.73	74.95
		For Colored Vinyl, Add	*89.28*	
		For Tinted Glass, Add	*107.14*	
		For Low-E Insulated Glass, Add	*223.21*	
		For Obscure Glass, Add	*245.53*	
08 53 13 00-0270	EA	48" x 52", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	1,080.25	79.72
		For Colored Vinyl, Add	*92.08*	
		For Tinted Glass, Add	*110.50*	
		For Low-E Insulated Glass, Add	*230.21*	
		For Obscure Glass, Add	*253.23*	
08 53 13 00-0271	EA	56" x 52", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	1,119.66	84.48
		For Colored Vinyl, Add	*95.07*	
		For Tinted Glass, Add	*114.09*	
		For Low-E Insulated Glass, Add	*237.68*	
		For Obscure Glass, Add	*261.45*	

08 53 13 00-0272 60" Height, Two Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0251)*

08 53 13 00-0273	EA	33" x 60", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	1,059.69	74.95
		For Colored Vinyl, Add	*90.98*	
		For Tinted Glass, Add	*109.17*	
		For Low-E Insulated Glass, Add	*227.45*	
		For Obscure Glass, Add	*250.19*	
08 53 13 00-0274	EA	40" x 60", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	1,097.84	79.72
		For Colored Vinyl, Add	*93.96*	
		For Tinted Glass, Add	*112.75*	
		For Low-E Insulated Glass, Add	*234.90*	
		For Obscure Glass, Add	*258.39*	
08 53 13 00-0275	EA	48" x 60", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	1,137.13	84.48
		For Colored Vinyl, Add	*96.94*	
		For Tinted Glass, Add	*116.33*	
		For Low-E Insulated Glass, Add	*242.35*	
		For Obscure Glass, Add	*266.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0276	EA	56" x 60", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	1,177.15	88.64
		For Colored Vinyl, Add	*99.99*	
		For Tinted Glass, Add	*119.98*	
		For Low-E Insulated Glass, Add	*249.97*	
		For Obscure Glass, Add	*274.96*	

08 53 13 00-0277 64" Height, Two Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0251)*

08 53 13 00-0278	EA	33" x 64", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	1,112.06	77.93
		For Colored Vinyl, Add	*95.62*	
		For Tinted Glass, Add	*114.74*	
		For Low-E Insulated Glass, Add	*239.05*	
		For Obscure Glass, Add	*262.96*	
08 53 13 00-0279	EA	40" x 64", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	1,150.21	82.09
		For Colored Vinyl, Add	*98.60*	
		For Tinted Glass, Add	*118.32*	
		For Low-E Insulated Glass, Add	*246.51*	
		For Obscure Glass, Add	*271.16*	
08 53 13 00-0280	EA	48" x 64", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	1,189.37	86.85
		For Colored Vinyl, Add	*101.57*	
		For Tinted Glass, Add	*121.88*	
		For Low-E Insulated Glass, Add	*253.92*	
		For Obscure Glass, Add	*279.31*	
08 53 13 00-0281	EA	56" x 64", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	1,229.51	91.61
		For Colored Vinyl, Add	*104.63*	
		For Tinted Glass, Add	*125.55*	
		For Low-E Insulated Glass, Add	*261.57*	
		For Obscure Glass, Add	*287.73*	

08 53 13 00-0282 72" Height, Two Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0251)*

08 53 13 00-0283	EA	33" x 72", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	1,169.82	82.09
		For Colored Vinyl, Add	*100.56*	
		For Tinted Glass, Add	*120.68*	
		For Low-E Insulated Glass, Add	*251.41*	
		For Obscure Glass, Add	*276.55*	
08 53 13 00-0284	EA	40" x 72", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	1,207.96	86.85
		For Colored Vinyl, Add	*103.55*	
		For Tinted Glass, Add	*124.25*	
		For Low-E Insulated Glass, Add	*258.86*	
		For Obscure Glass, Add	*284.75*	
08 53 13 00-0285	EA	48" x 72", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	1,247.31	91.61
		For Colored Vinyl, Add	*106.53*	
		For Tinted Glass, Add	*127.83*	
		For Low-E Insulated Glass, Add	*266.32*	
		For Obscure Glass, Add	*292.95*	
08 53 13 00-0286	EA	56" x 72", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	1,287.32	95.78
		For Colored Vinyl, Add	*109.58*	
		For Tinted Glass, Add	*131.49*	
		For Low-E Insulated Glass, Add	*273.94*	
		For Obscure Glass, Add	*301.33*	

08 53 13 00-0287 Three Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0204)*

08 53 13 00-0288 36" Height, Three Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0287)*

08 53 13 00-0289	EA	62" x 36", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	1,051.83	77.34
		For Colored Vinyl, Add	*89.72*	
		For Tinted Glass, Add	*107.66*	
		For Low-E Insulated Glass, Add	*224.29*	
		For Obscure Glass, Add	*246.72*	
08 53 13 00-0290	EA	72" x 36", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	1,101.52	83.29
		For Colored Vinyl, Add	*93.50*	
		For Tinted Glass, Add	*112.19*	
		For Low-E Insulated Glass, Add	*233.74*	
		For Obscure Glass, Add	*257.11*	
08 53 13 00-0291	EA	86" x 36", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	1,190.46	92.21
		For Colored Vinyl, Add	*100.61*	
		For Tinted Glass, Add	*120.73*	
		For Low-E Insulated Glass, Add	*251.51*	
		For Obscure Glass, Add	*276.66*	

08 53 13 00-0292 40" Height, Three Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0287)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0293	EA	62" x 40", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	1,120.81	80.90
		For Colored Vinyl, Add	*96.02*	
		For Tinted Glass, Add	*115.22*	
		For Low-E Insulated Glass, Add	*240.05*	
		For Obscure Glass, Add	*264.05*	
08 53 13 00-0294	EA	72" x 40", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	1,170.87	86.26
		For Colored Vinyl, Add	*99.84*	
		For Tinted Glass, Add	*119.80*	
		For Low-E Insulated Glass, Add	*249.59*	
		For Obscure Glass, Add	*274.55*	
08 53 13 00-0295	EA	86" x 40", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	1,264.93	95.19
		For Colored Vinyl, Add	*107.46*	
		For Tinted Glass, Add	*128.95*	
		For Low-E Insulated Glass, Add	*268.64*	
		For Obscure Glass, Add	*295.51*	
08 53 13 00-0296		48" Height, Three Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0287)*		
08 53 13 00-0297	EA	62" x 48", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	1,185.53	85.66
		For Colored Vinyl, Add	*101.42*	
		For Tinted Glass, Add	*121.70*	
		For Low-E Insulated Glass, Add	*253.55*	
		For Obscure Glass, Add	*278.91*	
08 53 13 00-0298	EA	72" x 48", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	1,244.73	91.02
		For Colored Vinyl, Add	*106.27*	
		For Tinted Glass, Add	*127.52*	
		For Low-E Insulated Glass, Add	*265.67*	
		For Obscure Glass, Add	*292.24*	
08 53 13 00-0299	EA	86" x 48", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	1,343.15	99.95
		For Colored Vinyl, Add	*114.33*	
		For Tinted Glass, Add	*137.19*	
		For Low-E Insulated Glass, Add	*285.82*	
		For Obscure Glass, Add	*314.40*	
08 53 13 00-0300		52" Height, Three Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0287)*		
08 53 13 00-0301	EA	62" x 52", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	1,251.15	88.04
		For Colored Vinyl, Add	*107.51*	
		For Tinted Glass, Add	*129.01*	
		For Low-E Insulated Glass, Add	*268.77*	
		For Obscure Glass, Add	*295.64*	
08 53 13 00-0302	EA	72" x 52", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	1,314.19	93.99
		For Colored Vinyl, Add	*112.62*	
		For Tinted Glass, Add	*135.15*	
		For Low-E Insulated Glass, Add	*281.55*	
		For Obscure Glass, Add	*309.71*	
08 53 13 00-0303	EA	86" x 52", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	1,426.71	102.32
		For Colored Vinyl, Add	*122.21*	
		For Tinted Glass, Add	*146.65*	
		For Low-E Insulated Glass, Add	*305.52*	
		For Obscure Glass, Add	*336.07*	
08 53 13 00-0304		60" Height, Three Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0287)*		
08 53 13 00-0305	EA	62" x 60", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	1,320.30	92.21
		For Colored Vinyl, Add	*113.59*	
		For Tinted Glass, Add	*136.31*	
		For Low-E Insulated Glass, Add	*283.97*	
		For Obscure Glass, Add	*312.37*	
08 53 13 00-0306	EA	72" x 60", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	1,386.00	98.15
		For Colored Vinyl, Add	*118.97*	
		For Tinted Glass, Add	*142.76*	
		For Low-E Insulated Glass, Add	*297.42*	
		For Obscure Glass, Add	*327.16*	
08 53 13 00-0307	EA	86" x 60", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	1,513.83	106.49
		For Colored Vinyl, Add	*130.09*	
		For Tinted Glass, Add	*156.10*	
		For Low-E Insulated Glass, Add	*325.22*	
		For Obscure Glass, Add	*357.74*	
08 53 13 00-0308		64" Height, Three Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0287)*		
08 53 13 00-0309	EA	62" x 64", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	1,394.98	95.19
		For Colored Vinyl, Add	*120.46*	
		For Tinted Glass, Add	*144.55*	
		For Low-E Insulated Glass, Add	*301.16*	
		For Obscure Glass, Add	*331.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0310	EA	72" x 64", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	1,460.65	101.13
		For Colored Vinyl, Add	*125.84*	
		For Tinted Glass, Add	*151.01*	
		For Low-E Insulated Glass, Add	*314.60*	
		For Obscure Glass, Add	*346.06*	
08 53 13 00-0311	EA	86" x 64", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	1,588.47	109.46
		For Colored Vinyl, Add	*136.96*	
		For Tinted Glass, Add	*164.35*	
		For Low-E Insulated Glass, Add	*342.39*	
		For Obscure Glass, Add	*376.63*	

08 53 13 00-0312 72" Height, Three Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) *(08 53 13 00-0287)*

08 53 13 00-0313	EA	62" x 72", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	1,472.18	99.34
		For Colored Vinyl, Add	*127.35*	
		For Tinted Glass, Add	*152.82*	
		For Low-E Insulated Glass, Add	*318.37*	
		For Obscure Glass, Add	*350.21*	
08 53 13 00-0314	EA	72" x 72", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	1,537.85	105.29
		For Colored Vinyl, Add	*132.73*	
		For Tinted Glass, Add	*159.27*	
		For Low-E Insulated Glass, Add	*331.82*	
		For Obscure Glass, Add	*365.00*	
08 53 13 00-0315	EA	86" x 72", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	1,665.68	113.62
		For Colored Vinyl, Add	*143.84*	
		For Tinted Glass, Add	*172.61*	
		For Low-E Insulated Glass, Add	*359.61*	
		For Obscure Glass, Add	*395.57*	

08 53 13 00-0316 Replacement, Casement Vinyl Windows (Silver Line 7500) *(08 53 13 00-0203)*

Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles. Pricing calculated by the United Inch (the combined inches of one width and one height).

08 53 13 00-0317 One Operating Sash, Replacement, Casement Vinyl Windows (Silver Line 7500) *(08 53 13 00-0316)*

08 53 13 00-0318	EA	Up To 53" UI, One Operating Sash, Replacement, Casement Vinyl Window (Silver Line 7500)	545.81	50.57
		For Colored Vinyl, Add	*44.47*	
		For Tinted Glass, Add	*53.36*	
		For Low-E Insulated Glass, Add	*111.17*	
		For Obscure Glass, Add	*122.29*	
08 53 13 00-0319	EA	>53 To 63" UI, One Operating Sash, Replacement, Casement Vinyl Window (Silver Line 7500)	619.59	56.52
		For Colored Vinyl, Add	*50.66*	
		For Tinted Glass, Add	*60.79*	
		For Low-E Insulated Glass, Add	*126.64*	
		For Obscure Glass, Add	*139.30*	
08 53 13 00-0320	EA	>63 To 73" UI, One Operating Sash, Replacement, Casement Vinyl Window (Silver Line 7500)	686.37	62.46
		For Colored Vinyl, Add	*56.14*	
		For Tinted Glass, Add	*67.37*	
		For Low-E Insulated Glass, Add	*140.36*	
		For Obscure Glass, Add	*154.40*	
08 53 13 00-0321	EA	>73" To 83" UI, One Operating Sash, Replacement, Casement Vinyl Window (Silver Line 7500)	746.16	68.41
		For Colored Vinyl, Add	*60.93*	
		For Tinted Glass, Add	*73.12*	
		For Low-E Insulated Glass, Add	*152.34*	
		For Obscure Glass, Add	*167.57*	
08 53 13 00-0322	EA	>83" To 93" UI, One Operating Sash, Replacement, Casement Vinyl Window (Silver Line 7500)	798.96	74.36
		For Colored Vinyl, Add	*65.02*	
		For Tinted Glass, Add	*78.03*	
		For Low-E Insulated Glass, Add	*162.56*	
		For Obscure Glass, Add	*178.82*	
08 53 13 00-0323	EA	>93" To 101" UI, One Operating Sash, Replacement, Casement Vinyl Window (Silver Line 7500)	831.49	80.31
		For Colored Vinyl, Add	*67.09*	
		For Tinted Glass, Add	*80.50*	
		For Low-E Insulated Glass, Add	*167.72*	
		For Obscure Glass, Add	*184.49*	
08 53 13 00-0324	UI	>101" UI, One Operating Sash, Replacement, Casement Vinyl Window (Silver Line 7500)	8.19	0.77
		For Colored Vinyl, Add	*0.66*	
		For Tinted Glass, Add	*0.80*	
		For Low-E Insulated Glass, Add	*1.66*	
		For Obscure Glass, Add	*1.83*	

08 53 13 00-0325 Two Operating Sashes, Replacement, Casement Vinyl Windows (Silver Line 7500) *(08 53 13 00-0316)*

08 53 13 00-0326	EA	Up To 73" UI, Two Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500)	903.29	62.46
		For Colored Vinyl, Add	*77.84*	
		For Tinted Glass, Add	*93.40*	
		For Low-E Insulated Glass, Add	*194.59*	
		For Obscure Glass, Add	*214.05*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0327	EA	>73" To 83" UI, Two Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500)	992.79	68.41
		For Colored Vinyl, Add	*85.60*	
		For Tinted Glass, Add	*102.72*	
		For Low-E Insulated Glass, Add	*213.99*	
		For Obscure Glass, Add	*235.39*	
08 53 13 00-0328	EA	>83" To 93" UI, Two Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500)	1,075.31	74.36
		For Colored Vinyl, Add	*92.66*	
		For Tinted Glass, Add	*111.19*	
		For Low-E Insulated Glass, Add	*231.65*	
		For Obscure Glass, Add	*254.81*	
08 53 13 00-0329	EA	>93" To 101" UI, Two Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500)	1,131.61	80.31
		For Colored Vinyl, Add	*97.10*	
		For Tinted Glass, Add	*116.52*	
		For Low-E Insulated Glass, Add	*242.75*	
		For Obscure Glass, Add	*267.02*	
08 53 13 00-0330	EA	>101" To 110" UI, Two Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500)	1,191.57	86.26
		For Colored Vinyl, Add	*101.91*	
		For Tinted Glass, Add	*122.29*	
		For Low-E Insulated Glass, Add	*254.77*	
		For Obscure Glass, Add	*280.24*	
08 53 13 00-0331	EA	>110" To 120" UI, Two Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500)	1,254.16	92.21
		For Colored Vinyl, Add	*106.98*	
		For Tinted Glass, Add	*128.37*	
		For Low-E Insulated Glass, Add	*267.44*	
		For Obscure Glass, Add	*294.18*	
08 53 13 00-0332	UI	>120" UI, Two Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500)	10.46	0.77
		For Colored Vinyl, Add	*0.89*	
		For Tinted Glass, Add	*1.07*	
		For Low-E Insulated Glass, Add	*2.23*	
		For Obscure Glass, Add	*2.45*	

08 53 13 00-0333 Three Operating Sashes, Replacement, Casement Vinyl Windows (Silver Line 7500) *(08 53 13 00-0316)*

08 53 13 00-0334	EA	Up To 73" UI, Three Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500)	941.57	62.46
		For Colored Vinyl, Add	*81.66*	
		For Tinted Glass, Add	*98.00*	
		For Low-E Insulated Glass, Add	*204.16*	
		For Obscure Glass, Add	*224.58*	
08 53 13 00-0335	EA	>73" To 83" UI, Three Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500)	1,035.27	68.41
		For Colored Vinyl, Add	*89.85*	
		For Tinted Glass, Add	*107.81*	
		For Low-E Insulated Glass, Add	*224.61*	
		For Obscure Glass, Add	*247.07*	
08 53 13 00-0336	EA	>83" To 93" UI, Three Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500)	1,124.08	74.36
		For Colored Vinyl, Add	*97.54*	
		For Tinted Glass, Add	*117.04*	
		For Low-E Insulated Glass, Add	*243.84*	
		For Obscure Glass, Add	*268.22*	
08 53 13 00-0337	EA	>93" To 101" UI, Three Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500)	1,184.57	80.31
		For Colored Vinyl, Add	*102.40*	
		For Tinted Glass, Add	*122.87*	
		For Low-E Insulated Glass, Add	*255.99*	
		For Obscure Glass, Add	*281.59*	
08 53 13 00-0338	EA	>101" To 110" UI, Three Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500)	1,249.25	86.26
		For Colored Vinyl, Add	*107.67*	
		For Tinted Glass, Add	*129.21*	
		For Low-E Insulated Glass, Add	*269.19*	
		For Obscure Glass, Add	*296.10*	
08 53 13 00-0339	EA	>110" To 120" UI, Three Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500)	1,317.08	92.21
		For Colored Vinyl, Add	*113.27*	
		For Tinted Glass, Add	*135.92*	
		For Low-E Insulated Glass, Add	*283.17*	
		For Obscure Glass, Add	*311.48*	
08 53 13 00-0340	UI	>120" UI, Three Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500)	10.99	0.77
		For Colored Vinyl, Add	*0.94*	
		For Tinted Glass, Add	*1.13*	
		For Low-E Insulated Glass, Add	*2.36*	
		For Obscure Glass, Add	*2.60*	

08 53 13 00-0341 Awning Vinyl Windows *(08 53 13)*

08 53 13 00-0342 New Construction, Awning Vinyl Windows (Silver Line 7450) *(08 53 13 00-0341)*

Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles.

08 53 13 00-0343 Venting, New Construction, Awning Vinyl Windows (Silver Line 7450) *(08 53 13 00-0342)*

08 53 13 00-0344 17" Height, Venting, New Construction, Awning Vinyl Windows (Silver Line 7450) *(08 53 13 00-0343)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0345	EA	24" x 17", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	549.13	48.79
		For Colored Vinyl, Add	*45.16*	
		For Tinted Glass, Add	*54.19*	
		For Low-E Insulated Glass, Add	*112.89*	
		For Obscure Glass, Add	*124.18*	
08 53 13 00-0346	EA	28" x 17", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	574.86	51.16
		For Colored Vinyl, Add	*47.25*	
		For Tinted Glass, Add	*56.70*	
		For Low-E Insulated Glass, Add	*118.14*	
		For Obscure Glass, Add	*129.95*	
08 53 13 00-0347	EA	36" x 17", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	614.66	55.33
		For Colored Vinyl, Add	*50.40*	
		For Tinted Glass, Add	*60.48*	
		For Low-E Insulated Glass, Add	*126.00*	
		For Obscure Glass, Add	*138.60*	
08 53 13 00-0348	EA	40" x 17", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	640.38	58.30
		For Colored Vinyl, Add	*52.38*	
		For Tinted Glass, Add	*62.85*	
		For Low-E Insulated Glass, Add	*130.95*	
		For Obscure Glass, Add	*144.04*	
08 53 13 00-0349	EA	48" x 17", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	682.56	63.06
		For Colored Vinyl, Add	*55.64*	
		For Tinted Glass, Add	*66.77*	
		For Low-E Insulated Glass, Add	*139.11*	
		For Obscure Glass, Add	*153.02*	

08 53 13 00-0350 20" Height, Venting, New Construction, Awning Vinyl Windows (Silver Line 7450) *(08 53 13 00-0343)*

08 53 13 00-0351	EA	24" x 20", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	578.92	51.16
		For Colored Vinyl, Add	*47.78*	
		For Tinted Glass, Add	*57.33*	
		For Low-E Insulated Glass, Add	*119.45*	
		For Obscure Glass, Add	*131.39*	
08 53 13 00-0352	EA	28" x 20", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	604.65	53.54
		For Colored Vinyl, Add	*49.88*	
		For Tinted Glass, Add	*59.85*	
		For Low-E Insulated Glass, Add	*124.69*	
		For Obscure Glass, Add	*137.16*	
08 53 13 00-0353	EA	36" x 20", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	647.35	57.11
		For Colored Vinyl, Add	*53.31*	
		For Tinted Glass, Add	*63.98*	
		For Low-E Insulated Glass, Add	*133.28*	
		For Obscure Glass, Add	*146.61*	
08 53 13 00-0354	EA	40" x 20", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	673.12	60.68
		For Colored Vinyl, Add	*55.30*	
		For Tinted Glass, Add	*66.35*	
		For Low-E Insulated Glass, Add	*138.24*	
		For Obscure Glass, Add	*152.06*	
08 53 13 00-0355	EA	48" x 20", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	718.16	64.84
		For Colored Vinyl, Add	*58.85*	
		For Tinted Glass, Add	*70.62*	
		For Low-E Insulated Glass, Add	*147.12*	
		For Obscure Glass, Add	*161.83*	

08 53 13 00-0356 24" Height, Venting, New Construction, Awning Vinyl Windows (Silver Line 7450) *(08 53 13 00-0343)*

08 53 13 00-0357	EA	24" x 24", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	598.22	53.54
		For Colored Vinyl, Add	*49.23*	
		For Tinted Glass, Add	*59.08*	
		For Low-E Insulated Glass, Add	*123.08*	
		For Obscure Glass, Add	*135.39*	
08 53 13 00-0358	EA	28" x 24", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	623.95	55.92
		For Colored Vinyl, Add	*51.33*	
		For Tinted Glass, Add	*61.60*	
		For Low-E Insulated Glass, Add	*128.33*	
		For Obscure Glass, Add	*141.16*	
08 53 13 00-0359	EA	36" x 24", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	668.12	59.48
		For Colored Vinyl, Add	*54.91*	
		For Tinted Glass, Add	*65.90*	
		For Low-E Insulated Glass, Add	*137.29*	
		For Obscure Glass, Add	*151.01*	
08 53 13 00-0360	EA	40" x 24", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	696.23	63.06
		For Colored Vinyl, Add	*57.13*	
		For Tinted Glass, Add	*68.56*	
		For Low-E Insulated Glass, Add	*142.83*	
		For Obscure Glass, Add	*157.11*	
08 53 13 00-0361	EA	48" x 24", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	741.86	67.22
		For Colored Vinyl, Add	*60.74*	
		For Tinted Glass, Add	*72.89*	
		For Low-E Insulated Glass, Add	*151.85*	
		For Obscure Glass, Add	*167.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

08 53 13 00-0362 28" Height, Venting, New Construction, Awning Vinyl Windows (Silver Line 7450) *(08 53 13 00-0343)*

08 53 13 00-0363	EA	24" x 28", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	617.56	55.92
		For Colored Vinyl, Add	*50.69*	
		For Tinted Glass, Add	*60.83*	
		For Low-E Insulated Glass, Add	*126.73*	
		For Obscure Glass, Add	*139.40*	
08 53 13 00-0364	EA	28" x 28", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	643.29	58.30
		For Colored Vinyl, Add	*52.79*	
		For Tinted Glass, Add	*63.35*	
		For Low-E Insulated Glass, Add	*131.97*	
		For Obscure Glass, Add	*145.17*	
08 53 13 00-0365	EA	36" x 28", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	688.92	61.87
		For Colored Vinyl, Add	*56.52*	
		For Tinted Glass, Add	*67.82*	
		For Low-E Insulated Glass, Add	*141.30*	
		For Obscure Glass, Add	*155.42*	
08 53 13 00-0366	EA	40" x 28", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	719.21	65.43
		For Colored Vinyl, Add	*58.95*	
		For Tinted Glass, Add	*70.74*	
		For Low-E Insulated Glass, Add	*147.38*	
		For Obscure Glass, Add	*162.12*	
08 53 13 00-0367	EA	48" x 28", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	765.56	69.60
		For Colored Vinyl, Add	*62.64*	
		For Tinted Glass, Add	*75.16*	
		For Low-E Insulated Glass, Add	*156.59*	
		For Obscure Glass, Add	*172.25*	

08 53 13 00-0368 36" Height, Venting, New Construction, Awning Vinyl Windows (Silver Line 7450) *(08 53 13 00-0343)*

08 53 13 00-0369	EA	36" x 36", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	729.27	66.04
		For Colored Vinyl, Add	*59.72*	
		For Tinted Glass, Add	*71.67*	
		For Low-E Insulated Glass, Add	*149.30*	
		For Obscure Glass, Add	*164.23*	
08 53 13 00-0370	EA	40" x 36", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	759.58	69.01
		For Colored Vinyl, Add	*62.16*	
		For Tinted Glass, Add	*74.59*	
		For Low-E Insulated Glass, Add	*155.39*	
		For Obscure Glass, Add	*170.93*	
08 53 13 00-0371	EA	48" x 36", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	808.85	73.77
		For Colored Vinyl, Add	*66.13*	
		For Tinted Glass, Add	*79.36*	
		For Low-E Insulated Glass, Add	*165.33*	
		For Obscure Glass, Add	*181.86*	

08 53 13 00-0372 Replacement, Awning Vinyl Windows (Silver Line 7400) *(08 53 13 00-0341)*

Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles. Pricing calculated by the United Inch (the combined inches of one width and one height).

08 53 13 00-0373	EA	Up To 53" UI, Replacement, Awning Vinyl Window (Silver Line 7400)	573.60	50.57
		For Colored Vinyl, Add	*47.25*	
		For Tinted Glass, Add	*56.70*	
		For Low-E Insulated Glass, Add	*118.12*	
		For Obscure Glass, Add	*129.93*	
08 53 13 00-0374	EA	>53" To 63" UI, Replacement, Awning Vinyl Window (Silver Line 7400)	663.64	56.52
		For Colored Vinyl, Add	*55.06*	
		For Tinted Glass, Add	*66.07*	
		For Low-E Insulated Glass, Add	*137.65*	
		For Obscure Glass, Add	*151.42*	
08 53 13 00-0375	EA	>63" To 73" UI, Replacement, Awning Vinyl Window (Silver Line 7400)	750.17	62.46
		For Colored Vinyl, Add	*62.52*	
		For Tinted Glass, Add	*75.03*	
		For Low-E Insulated Glass, Add	*156.31*	
		For Obscure Glass, Add	*171.94*	
08 53 13 00-0376	EA	>73" To 83" UI, Replacement, Awning Vinyl Window (Silver Line 7400)	833.21	68.41
		For Colored Vinyl, Add	*69.64*	
		For Tinted Glass, Add	*83.57*	
		For Low-E Insulated Glass, Add	*174.10*	
		For Obscure Glass, Add	*191.51*	
08 53 13 00-0377	EA	>83" To 93" UI, Replacement, Awning Vinyl Window (Silver Line 7400)	912.75	74.36
		For Colored Vinyl, Add	*76.40*	
		For Tinted Glass, Add	*91.68*	
		For Low-E Insulated Glass, Add	*191.01*	
		For Obscure Glass, Add	*210.11*	
08 53 13 00-0378	EA	>93" To 101" UI, Replacement, Awning Vinyl Window (Silver Line 7400)	955.07	80.31
		For Colored Vinyl, Add	*79.45*	
		For Tinted Glass, Add	*95.33*	
		For Low-E Insulated Glass, Add	*198.61*	
		For Obscure Glass, Add	*218.47*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0379	UI	>101" UI, Replacement, Awning Vinyl Window (Silver Line 7400)	9.42	0.77
		For Colored Vinyl, Add	*0.79*	
		For Tinted Glass, Add	*0.94*	
		For Low-E Insulated Glass, Add	*1.97*	
		For Obscure Glass, Add	*2.16*	

08 53 13 00-0380 Horizontal Sliding Vinyl Windows *(08 53 13)*

08 53 13 00-0381 New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800) *(08 53 13 00-0380)*

Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles.

08 53 13 00-0382 20" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800) *(08 53 13 00-0381)*

08 53 13 00-0383	EA	36" x 20", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	326.46	58.30
		For Colored Vinyl, Add	*21.11*	
		For Tinted Glass, Add	*25.33*	
		For Low-E Insulated Glass, Add	*52.76*	
		For Obscure Glass, Add	*58.04*	
08 53 13 00-0384	EA	48" x 20", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	361.43	65.43
		For Colored Vinyl, Add	*23.17*	
		For Tinted Glass, Add	*27.81*	
		For Low-E Insulated Glass, Add	*57.94*	
		For Obscure Glass, Add	*63.73*	
08 53 13 00-0385	EA	54" x 20", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	378.91	68.41
		For Colored Vinyl, Add	*24.21*	
		For Tinted Glass, Add	*29.05*	
		For Low-E Insulated Glass, Add	*60.52*	
		For Obscure Glass, Add	*66.57*	
08 53 13 00-0386	EA	60" x 20", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	396.40	71.99
		For Colored Vinyl, Add	*25.24*	
		For Tinted Glass, Add	*30.29*	
		For Low-E Insulated Glass, Add	*63.11*	
		For Obscure Glass, Add	*69.42*	
08 53 13 00-0387	EA	64" x 20", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	408.05	74.95
		For Colored Vinyl, Add	*25.93*	
		For Tinted Glass, Add	*31.12*	
		For Low-E Insulated Glass, Add	*64.83*	
		For Obscure Glass, Add	*71.32*	
08 53 13 00-0388	EA	72" x 20", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	431.38	79.12
		For Colored Vinyl, Add	*27.31*	
		For Tinted Glass, Add	*32.78*	
		For Low-E Insulated Glass, Add	*68.29*	
		For Obscure Glass, Add	*75.11*	

08 53 13 00-0389 24" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800) *(08 53 13 00-0381)*

08 53 13 00-0390	EA	36" x 24", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	342.86	60.68
		For Colored Vinyl, Add	*22.27*	
		For Tinted Glass, Add	*26.72*	
		For Low-E Insulated Glass, Add	*55.67*	
		For Obscure Glass, Add	*61.24*	
08 53 13 00-0391	EA	48" x 24", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	378.78	67.82
		For Colored Vinyl, Add	*24.43*	
		For Tinted Glass, Add	*29.32*	
		For Low-E Insulated Glass, Add	*61.08*	
		For Obscure Glass, Add	*67.19*	
08 53 13 00-0392	EA	54" x 24", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	396.85	70.79
		For Colored Vinyl, Add	*25.53*	
		For Tinted Glass, Add	*30.63*	
		For Low-E Insulated Glass, Add	*63.82*	
		For Obscure Glass, Add	*70.20*	
08 53 13 00-0393	EA	60" x 24", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	414.72	74.36
		For Colored Vinyl, Add	*26.60*	
		For Tinted Glass, Add	*31.92*	
		For Low-E Insulated Glass, Add	*66.50*	
		For Obscure Glass, Add	*73.15*	
08 53 13 00-0394	EA	64" x 24", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	426.69	77.34
		For Colored Vinyl, Add	*27.32*	
		For Tinted Glass, Add	*32.79*	
		For Low-E Insulated Glass, Add	*68.30*	
		For Obscure Glass, Add	*75.13*	
08 53 13 00-0395	EA	72" x 24", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	450.64	81.50
		For Colored Vinyl, Add	*28.76*	
		For Tinted Glass, Add	*34.52*	
		For Low-E Insulated Glass, Add	*71.91*	
		For Obscure Glass, Add	*79.10*	

08 53 13 00-0396 36" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800) *(08 53 13 00-0381)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0397	EA	36" x 36", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	392.38	67.82
		For Colored Vinyl, Add	*25.79*	
		For Tinted Glass, Add	*30.95*	
		For Low-E Insulated Glass, Add	*64.48*	
		For Obscure Glass, Add	*70.93*	
08 53 13 00-0398	EA	48" x 36", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	431.33	74.95
		For Colored Vinyl, Add	*28.26*	
		For Tinted Glass, Add	*33.91*	
		For Low-E Insulated Glass, Add	*70.65*	
		For Obscure Glass, Add	*77.72*	
08 53 13 00-0399	EA	54" x 36", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	450.84	77.93
		For Colored Vinyl, Add	*29.50*	
		For Tinted Glass, Add	*35.40*	
		For Low-E Insulated Glass, Add	*73.75*	
		For Obscure Glass, Add	*81.12*	
08 53 13 00-0400	EA	60" x 36", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	470.33	81.50
		For Colored Vinyl, Add	*30.73*	
		For Tinted Glass, Add	*36.88*	
		For Low-E Insulated Glass, Add	*76.83*	
		For Obscure Glass, Add	*84.52*	
08 53 13 00-0401	EA	64" x 36", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	483.33	83.29
		For Colored Vinyl, Add	*31.56*	
		For Tinted Glass, Add	*37.87*	
		For Low-E Insulated Glass, Add	*78.90*	
		For Obscure Glass, Add	*86.78*	
08 53 13 00-0402	EA	72" x 36", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	509.32	88.64
		For Colored Vinyl, Add	*33.20*	
		For Tinted Glass, Add	*39.84*	
		For Low-E Insulated Glass, Add	*83.01*	
		For Obscure Glass, Add	*91.31*	

08 53 13 00-0403 42" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800) *(08 53 13 00-0381)*

08 53 13 00-0404	EA	36" x 42", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	417.13	71.38
		For Colored Vinyl, Add	*27.56*	
		For Tinted Glass, Add	*33.07*	
		For Low-E Insulated Glass, Add	*68.89*	
		For Obscure Glass, Add	*75.78*	
08 53 13 00-0405	EA	48" x 42", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	457.63	78.53
		For Colored Vinyl, Add	*30.18*	
		For Tinted Glass, Add	*36.21*	
		For Low-E Insulated Glass, Add	*75.44*	
		For Obscure Glass, Add	*82.99*	
08 53 13 00-0406	EA	54" x 42", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	477.91	81.50
		For Colored Vinyl, Add	*31.49*	
		For Tinted Glass, Add	*37.79*	
		For Low-E Insulated Glass, Add	*78.73*	
		For Obscure Glass, Add	*86.60*	
08 53 13 00-0407	EA	60" x 42", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	498.16	85.07
		For Colored Vinyl, Add	*32.80*	
		For Tinted Glass, Add	*39.36*	
		For Low-E Insulated Glass, Add	*82.01*	
		For Obscure Glass, Add	*90.21*	
08 53 13 00-0408	EA	64" x 42", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	511.63	88.04
		For Colored Vinyl, Add	*33.67*	
		For Tinted Glass, Add	*40.41*	
		For Low-E Insulated Glass, Add	*84.18*	
		For Obscure Glass, Add	*92.60*	
08 53 13 00-0409	EA	72" x 42", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	538.65	92.21
		For Colored Vinyl, Add	*35.42*	
		For Tinted Glass, Add	*42.51*	
		For Low-E Insulated Glass, Add	*88.56*	
		For Obscure Glass, Add	*97.42*	

08 53 13 00-0410 44" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800) *(08 53 13 00-0381)*

08 53 13 00-0411	EA	36" x 44", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	425.38	72.58
		For Colored Vinyl, Add	*28.14*	
		For Tinted Glass, Add	*33.77*	
		For Low-E Insulated Glass, Add	*70.36*	
		For Obscure Glass, Add	*77.39*	
08 53 13 00-0412	EA	48" x 44", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	466.40	79.72
		For Colored Vinyl, Add	*30.82*	
		For Tinted Glass, Add	*36.98*	
		For Low-E Insulated Glass, Add	*77.04*	
		For Obscure Glass, Add	*84.74*	
08 53 13 00-0413	EA	54" x 44", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	486.90	82.68
		For Colored Vinyl, Add	*32.15*	
		For Tinted Glass, Add	*38.58*	
		For Low-E Insulated Glass, Add	*80.38*	
		For Obscure Glass, Add	*88.42*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0414	EA	60" x 44", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	507.42	86.26
		For Colored Vinyl, Add	*33.49*	
		For Tinted Glass, Add	*40.19*	
		For Low-E Insulated Glass, Add	*83.73*	
		For Obscure Glass, Add	*92.10*	
08 53 13 00-0415	EA	64" x 44", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	521.10	89.24
		For Colored Vinyl, Add	*34.38*	
		For Tinted Glass, Add	*41.26*	
		For Low-E Insulated Glass, Add	*85.96*	
		For Obscure Glass, Add	*94.55*	
08 53 13 00-0416	EA	72" x 44", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	548.42	93.39
		For Colored Vinyl, Add	*36.16*	
		For Tinted Glass, Add	*43.39*	
		For Low-E Insulated Glass, Add	*90.41*	
		For Obscure Glass, Add	*99.45*	

08 53 13 00-0417 46" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800) *(08 53 13 00-0381)*

08 53 13 00-0418	EA	36" x 46", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	433.64	73.77
		For Colored Vinyl, Add	*28.73*	
		For Tinted Glass, Add	*34.47*	
		For Low-E Insulated Glass, Add	*71.82*	
		For Obscure Glass, Add	*79.00*	
08 53 13 00-0419	EA	48" x 46", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	475.15	80.90
		For Colored Vinyl, Add	*31.45*	
		For Tinted Glass, Add	*37.74*	
		For Low-E Insulated Glass, Add	*78.63*	
		For Obscure Glass, Add	*86.50*	
08 53 13 00-0420	EA	54" x 46", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	495.91	83.88
		For Colored Vinyl, Add	*32.82*	
		For Tinted Glass, Add	*39.38*	
		For Low-E Insulated Glass, Add	*82.04*	
		For Obscure Glass, Add	*90.24*	
08 53 13 00-0421	EA	60" x 46", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	516.66	87.45
		For Colored Vinyl, Add	*34.18*	
		For Tinted Glass, Add	*41.01*	
		For Low-E Insulated Glass, Add	*85.44*	
		For Obscure Glass, Add	*93.98*	
08 53 13 00-0422	EA	64" x 46", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	530.50	90.42
		For Colored Vinyl, Add	*35.09*	
		For Tinted Glass, Add	*42.10*	
		For Low-E Insulated Glass, Add	*87.71*	
		For Obscure Glass, Add	*96.48*	
08 53 13 00-0423	EA	72" x 46", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	558.20	94.59
		For Colored Vinyl, Add	*36.90*	
		For Tinted Glass, Add	*44.28*	
		For Low-E Insulated Glass, Add	*92.26*	
		For Obscure Glass, Add	*101.48*	

08 53 13 00-0424 48" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800) *(08 53 13 00-0381)*

08 53 13 00-0425	EA	36" x 48", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	441.89	74.95
		For Colored Vinyl, Add	*29.32*	
		For Tinted Glass, Add	*35.18*	
		For Low-E Insulated Glass, Add	*73.29*	
		For Obscure Glass, Add	*80.62*	
08 53 13 00-0426	EA	48" x 48", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	483.92	82.09
		For Colored Vinyl, Add	*32.09*	
		For Tinted Glass, Add	*38.51*	
		For Low-E Insulated Glass, Add	*80.23*	
		For Obscure Glass, Add	*88.25*	
08 53 13 00-0427	EA	54" x 48", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	504.94	85.07
		For Colored Vinyl, Add	*33.48*	
		For Tinted Glass, Add	*40.18*	
		For Low-E Insulated Glass, Add	*83.70*	
		For Obscure Glass, Add	*92.07*	
08 53 13 00-0428	EA	60" x 48", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	525.93	88.64
		For Colored Vinyl, Add	*34.87*	
		For Tinted Glass, Add	*41.84*	
		For Low-E Insulated Glass, Add	*87.16*	
		For Obscure Glass, Add	*95.88*	
08 53 13 00-0429	EA	64" x 48", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	539.95	91.61
		For Colored Vinyl, Add	*35.79*	
		For Tinted Glass, Add	*42.95*	
		For Low-E Insulated Glass, Add	*89.48*	
		For Obscure Glass, Add	*98.43*	
08 53 13 00-0430	EA	72" x 48", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	568.00	95.78
		For Colored Vinyl, Add	*37.64*	
		For Tinted Glass, Add	*45.17*	
		For Low-E Insulated Glass, Add	*94.11*	
		For Obscure Glass, Add	*103.52*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

08 53 13 00-0431 50" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800) *(08 53 13 00-0381)*

08 53 13 00-0432	EA	36" x 50", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	450.14	76.14
		For Colored Vinyl, Add	*29.90*	
		For Tinted Glass, Add	*35.88*	
		For Low-E Insulated Glass, Add	*74.76*	
		For Obscure Glass, Add	*82.24*	
08 53 13 00-0433	EA	48" x 50", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	492.67	83.29
		For Colored Vinyl, Add	*32.73*	
		For Tinted Glass, Add	*39.27*	
		For Low-E Insulated Glass, Add	*81.82*	
		For Obscure Glass, Add	*90.00*	
08 53 13 00-0434	EA	54" x 50", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	513.92	86.26
		For Colored Vinyl, Add	*34.14*	
		For Tinted Glass, Add	*40.97*	
		For Low-E Insulated Glass, Add	*85.35*	
		For Obscure Glass, Add	*93.89*	
08 53 13 00-0435	EA	60" x 50", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	535.18	89.83
		For Colored Vinyl, Add	*35.55*	
		For Tinted Glass, Add	*42.66*	
		For Low-E Insulated Glass, Add	*88.88*	
		For Obscure Glass, Add	*97.77*	
08 53 13 00-0436	EA	64" x 50", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	549.38	92.80
		For Colored Vinyl, Add	*36.50*	
		For Tinted Glass, Add	*43.80*	
		For Low-E Insulated Glass, Add	*91.24*	
		For Obscure Glass, Add	*100.37*	
08 53 13 00-0437	EA	72" x 50", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	577.75	96.97
		For Colored Vinyl, Add	*38.38*	
		For Tinted Glass, Add	*46.06*	
		For Low-E Insulated Glass, Add	*95.96*	
		For Obscure Glass, Add	*105.55*	

08 53 13 00-0438 52" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800) *(08 53 13 00-0381)*

08 53 13 00-0439	EA	36" x 52", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	458.39	77.34
		For Colored Vinyl, Add	*30.49*	
		For Tinted Glass, Add	*36.59*	
		For Low-E Insulated Glass, Add	*76.23*	
		For Obscure Glass, Add	*83.85*	
08 53 13 00-0440	EA	48" x 52", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	501.43	84.48
		For Colored Vinyl, Add	*33.37*	
		For Tinted Glass, Add	*40.04*	
		For Low-E Insulated Glass, Add	*83.42*	
		For Obscure Glass, Add	*91.76*	
08 53 13 00-0441	EA	54" x 52", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	522.95	87.45
		For Colored Vinyl, Add	*34.81*	
		For Tinted Glass, Add	*41.77*	
		For Low-E Insulated Glass, Add	*87.01*	
		For Obscure Glass, Add	*95.71*	
08 53 13 00-0442	EA	60" x 52", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	544.50	91.02
		For Colored Vinyl, Add	*36.25*	
		For Tinted Glass, Add	*43.50*	
		For Low-E Insulated Glass, Add	*90.62*	
		For Obscure Glass, Add	*99.68*	
08 53 13 00-0443	EA	64" x 52", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	558.83	93.99
		For Colored Vinyl, Add	*37.20*	
		For Tinted Glass, Add	*44.64*	
		For Low-E Insulated Glass, Add	*93.01*	
		For Obscure Glass, Add	*102.31*	
08 53 13 00-0444	EA	72" x 52", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	587.54	98.15
		For Colored Vinyl, Add	*39.12*	
		For Tinted Glass, Add	*46.95*	
		For Low-E Insulated Glass, Add	*97.81*	
		For Obscure Glass, Add	*107.59*	

08 53 13 00-0445 54" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800) *(08 53 13 00-0381)*

08 53 13 00-0446	EA	36" x 54", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	466.65	78.53
		For Colored Vinyl, Add	*31.08*	
		For Tinted Glass, Add	*37.29*	
		For Low-E Insulated Glass, Add	*77.70*	
		For Obscure Glass, Add	*85.47*	
08 53 13 00-0447	EA	48" x 54", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	510.19	85.66
		For Colored Vinyl, Add	*34.01*	
		For Tinted Glass, Add	*40.81*	
		For Low-E Insulated Glass, Add	*85.01*	
		For Obscure Glass, Add	*93.51*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0448	EA	54" x 54", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	531.98	88.64
		For Colored Vinyl, Add	*35.47*	
		For Tinted Glass, Add	*42.56*	
		For Low-E Insulated Glass, Add	*88.68*	
		For Obscure Glass, Add	*97.54*	
08 53 13 00-0449	EA	60" x 54", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	553.75	92.21
		For Colored Vinyl, Add	*36.93*	
		For Tinted Glass, Add	*44.32*	
		For Low-E Insulated Glass, Add	*92.34*	
		For Obscure Glass, Add	*101.57*	
08 53 13 00-0450	EA	64" x 54", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	568.27	95.19
		For Colored Vinyl, Add	*37.91*	
		For Tinted Glass, Add	*45.49*	
		For Low-E Insulated Glass, Add	*94.78*	
		For Obscure Glass, Add	*104.25*	
08 53 13 00-0451	EA	72" x 54", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	597.29	99.34
		For Colored Vinyl, Add	*39.86*	
		For Tinted Glass, Add	*47.83*	
		For Low-E Insulated Glass, Add	*99.65*	
		For Obscure Glass, Add	*109.62*	

08 53 13 00-0452 60" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800) *(08 53 13 00-0381)*

08 53 13 00-0453	EA	36" x 60", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	506.89	82.09
		For Colored Vinyl, Add	*34.39*	
		For Tinted Glass, Add	*41.27*	
		For Low-E Insulated Glass, Add	*85.97*	
		For Obscure Glass, Add	*94.57*	
08 53 13 00-0454	EA	48" x 60", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	536.48	89.24
		For Colored Vinyl, Add	*35.92*	
		For Tinted Glass, Add	*43.10*	
		For Low-E Insulated Glass, Add	*89.80*	
		For Obscure Glass, Add	*98.78*	
08 53 13 00-0455	EA	54" x 60", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	559.03	92.21
		For Colored Vinyl, Add	*37.46*	
		For Tinted Glass, Add	*44.95*	
		For Low-E Insulated Glass, Add	*93.66*	
		For Obscure Glass, Add	*103.02*	
08 53 13 00-0456	EA	60" x 60", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	581.56	95.78
		For Colored Vinyl, Add	*39.00*	
		For Tinted Glass, Add	*46.80*	
		For Low-E Insulated Glass, Add	*97.50*	
		For Obscure Glass, Add	*107.25*	
08 53 13 00-0457	EA	64" x 60", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	596.59	98.75
		For Colored Vinyl, Add	*40.03*	
		For Tinted Glass, Add	*48.03*	
		For Low-E Insulated Glass, Add	*100.07*	
		For Obscure Glass, Add	*110.08*	
08 53 13 00-0458	EA	72" x 60", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	626.63	102.91
		For Colored Vinyl, Add	*42.08*	
		For Tinted Glass, Add	*50.50*	
		For Low-E Insulated Glass, Add	*105.20*	
		For Obscure Glass, Add	*115.72*	

08 53 13 00-0459 Replacement, Horizontal Sliding Vinyl Windows (Silver Line 8700) *(08 53 13 00-0380)*

Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles. Pricing calculated by the United Inch (the combined inches of one width and one height).

08 53 13 00-0460	EA	Up To 73" UI, Replacement, Horizontal Sliding Vinyl Window (Silver Line 8700)	520.49	62.46
		For Colored Vinyl, Add	*39.56*	
		For Tinted Glass, Add	*47.47*	
		For Low-E Insulated Glass, Add	*98.89*	
		For Obscure Glass, Add	*108.78*	
08 53 13 00-0461	EA	>73" To 83" UI, Replacement, Horizontal Sliding Vinyl Window (Silver Line 8700)	572.06	68.41
		For Colored Vinyl, Add	*43.52*	
		For Tinted Glass, Add	*52.23*	
		For Low-E Insulated Glass, Add	*108.81*	
		For Obscure Glass, Add	*119.69*	
08 53 13 00-0462	EA	>83" To 93" UI, Replacement, Horizontal Sliding Vinyl Window (Silver Line 8700)	620.14	74.36
		For Colored Vinyl, Add	*47.14*	
		For Tinted Glass, Add	*56.57*	
		For Low-E Insulated Glass, Add	*117.86*	
		For Obscure Glass, Add	*129.64*	
08 53 13 00-0463	EA	>93" To 101" UI, Replacement, Horizontal Sliding Vinyl Window (Silver Line 8700)	654.94	80.31
		For Colored Vinyl, Add	*49.43*	
		For Tinted Glass, Add	*59.32*	
		For Low-E Insulated Glass, Add	*123.58*	
		For Obscure Glass, Add	*135.94*	
08 53 13 00-0464	EA	>101" To 110" UI, Replacement, Horizontal Sliding Vinyl Window (Silver Line 8700)	691.65	86.26
		For Colored Vinyl, Add	*51.91*	
		For Tinted Glass, Add	*62.30*	
		For Low-E Insulated Glass, Add	*129.79*	
		For Obscure Glass, Add	*142.76*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0465	EA	>110" To 120" UI, Replacement, Horizontal Sliding Vinyl Window (Silver Line 8700)	750.75	92.21
		For Colored Vinyl, Add	*56.63*	
		For Tinted Glass, Add	*67.96*	
		For Low-E Insulated Glass, Add	*141.59*	
		For Obscure Glass, Add	*155.74*	
08 53 13 00-0466	UI	>120" UI, Replacement, Horizontal Sliding Vinyl Window (Silver Line 8700)	6.27	0.77
		For Colored Vinyl, Add	*0.47*	
		For Tinted Glass, Add	*0.57*	
		For Low-E Insulated Glass, Add	*1.18*	
		For Obscure Glass, Add	*1.30*	

08 53 13 00-0467 Basement Vinyl Windows *(08 53 13)*

08 53 13 00-0468 New Construction, Basement Vinyl Windows (Silver Line 5900) *(08 53 13 00-0467)*

Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles.

08 53 13 00-0469	EA	32" x 15", New Construction, Basement Vinyl Window (Silver Line 5900)	304.94	47.59
		For Colored Vinyl, Add	*20.98*	
		For Tinted Glass, Add	*25.17*	
		For Low-E Insulated Glass, Add	*52.44*	
		For Obscure Glass, Add	*57.68*	
08 53 13 00-0470	EA	32" x 20", New Construction, Basement Vinyl Window (Silver Line 5900)	329.42	47.59
		For Colored Vinyl, Add	*23.42*	
		For Tinted Glass, Add	*28.11*	
		For Low-E Insulated Glass, Add	*58.56*	
		For Obscure Glass, Add	*64.41*	
08 53 13 00-0471	EA	32" x 23", New Construction, Basement Vinyl Window (Silver Line 5900)	343.40	47.59
		For Colored Vinyl, Add	*24.82*	
		For Tinted Glass, Add	*29.79*	
		For Low-E Insulated Glass, Add	*62.05*	
		For Obscure Glass, Add	*68.26*	

08 53 13 00-0472 Replacement, Basement Vinyl Windows *(08 53 13 00-0467)*

Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles. Pricing calculated by the United Inch (the combined inches of one width and one height).

08 53 13 00-0473	EA	Up To 47" UI, Replacement, Basement Vinyl Window	389.95	46.40
		For Colored Vinyl, Add	*29.72*	
		For Tinted Glass, Add	*35.66*	
		For Low-E Insulated Glass, Add	*74.29*	
		For Obscure Glass, Add	*81.72*	
08 53 13 00-0474	EA	>47" To 55" UI, Replacement, Basement Vinyl Window	433.95	53.54
		For Colored Vinyl, Add	*32.69*	
		For Tinted Glass, Add	*39.22*	
		For Low-E Insulated Glass, Add	*81.72*	
		For Obscure Glass, Add	*89.89*	
08 53 13 00-0475	UI	>55" UI, Replacement, Basement Vinyl Window	7.49	0.77
		For Colored Vinyl, Add	*0.59*	
		For Tinted Glass, Add	*0.71*	
		For Low-E Insulated Glass, Add	*1.49*	
		For Obscure Glass, Add	*1.63*	

08 53 13 00-0476 Accessories For Vinyl Windows *(08 53 13)*

08 53 13 00-0477 Factory Installed Grilles For Vinyl Windows *(08 53 13 00-0476)*

08 53 13 00-0478 Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Vinyl Windows *(08 53 13 00-0477)*

08 53 13 00-0479	EA	Up To 9 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Vinyl Windows	48.94
08 53 13 00-0480	EA	>9 To 18 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Vinyl Windows	62.93
08 53 13 00-0481	EA	>18 To 24 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Vinyl Windows	81.04
08 53 13 00-0482	EA	>24 To 36 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Vinyl Windows	95.66
08 53 13 00-0483	EA	>36 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Vinyl Windows	117.59

08 53 13 00-0484 Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Vinyl Windows *(08 53 13 00-0477)*

08 53 13 00-0485	EA	Up To 9 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Vinyl Windows	111.23
08 53 13 00-0486	EA	>9 To 18 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Vinyl Windows	133.48
08 53 13 00-0487	EA	>18 To 24 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Vinyl Windows	168.44
08 53 13 00-0488	EA	>24 To 36 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Vinyl Windows	209.75
08 53 13 00-0489	EA	>36 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Vinyl Windows	251.07

08 53 13 00-0490 Vinyl Windows (Gentek) *(08 53 13)*

Note: Gentek windows or equal. Prices are based on white vinyl interior and exterior. Double glazed insulated window (glazing included). All standard hardware. Screens as noted.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0491	SF	Double Hung - Series 8E40, 3-1/4" Frame. Full Extruded Screen, Night latches (A2, B3, C2, F2), Standard White Finish	90.21	8.92
		For Almond Or Cream Finish, Add	*1.47*	
		For Painted Exterior, Add	*4.98*	
		For Tinted Glass, Add	*2.04*	
		For Tempered 2 Sided, Add	*3.30*	
		For Low-E Glazing, Add	*1.52*	
		For Internal Muntins, Colonial Or Eurogrid, Add	*2.80*	
		For Internal Muntins, Pencil Bar, Add	*3.82*	
		For Aluminum Screen Mesh, Add	*0.65*	
		For > 800 To 1000, Deduct	*-1.79*	
		For > 1000 To 2000, Deduct	*-3.09*	
		For > 2000 To 4000, Deduct	*-4.49*	
08 53 13 00-0492	SF	Double Slider - Series 8E10, 3-1/4" Frame. Full Extruded Screen, Night latches (A3, B4, C2, F2), (Optional Tilt And Turn Hardware) Standard White Finish	90.21	8.92
		For Almond Or Cream Finish, Add	*1.47*	
		For Painted Exterior, Add	*3.65*	
		For Tinted Glass, Add	*2.04*	
		For Tempered 2 Sided, Add	*3.30*	
		For Low-E Glazing, Add	*1.52*	
		For Internal Muntins, Colonial Or Eurogrid, Add	*2.80*	
		For Internal Muntins, Pencil Bar, Add	*3.82*	
		For Aluminum Screen Mesh, Add	*0.65*	
		For > 800 To 1000, Deduct	*-1.79*	
		For > 1000 To 2000, Deduct	*-3.09*	
		For > 2000 To 4000, Deduct	*-4.49*	
08 53 13 00-0493	SF	Narrow Frame Fixed - Series 8E00, 3-1/4" Frame. (Pass, B7, C2, F2), Standard White Finish	86.65	8.92
		For Almond Or Cream Finish, Add	*1.47*	
		For Painted Exterior, Add	*3.65*	
		For Tinted Glass, Add	*2.04*	
		For Tempered 2 Sided, Add	*3.30*	
		For Low-E Glazing, Add	*1.52*	
		For Internal Muntins, Colonial Or Eurogrid, Add	*2.80*	
		For Internal Muntins, Pencil Bar, Add	*3.82*	
		For > 800 To 1000, Deduct	*-2.13*	
		For > 1000 To 2000, Deduct	*-4.02*	
		For > 2000 To 4000, Deduct	*-5.60*	
08 53 13 00-0494	SF	Single Hung - Series 3S40, 3-1/4" Frame. Half Screen (A3, B4, C3, F2), Standard White Finish	82.61	8.92
		For Almond Or Cream Finish, Add	*1.47*	
		For Painted Exterior, Add	*3.65*	
		For Tinted Glass, Add	*2.04*	
		For Tempered 2 Sided, Add	*3.30*	
		For Low-E Glazing, Add	*1.52*	
		For Internal Muntins, Colonial Or Eurogrid, Add	*2.80*	
		For Internal Muntins, Pencil Bar, Add	*3.82*	
		For Aluminum Screen Mesh, Add	*0.64*	
		For Quantity Discounts, 801 To 1000 SF, Deduct	*-1.40*	
		For Quantity Discounts, 1001 To 2000 SF, Deduct	*-2.92*	
		For > 2000 To 4000, Deduct	*-4.49*	
08 53 13 00-0495	SF	Single Slider - Series 3S10, 3-1/4" Frame. Half Screen, (A2, B4, C2, F2), (Optional Tilt And Turn Hardware) Standard White Finish	82.61	8.92
		For Almond Or Cream Finish, Add	*1.47*	
		For Painted Exterior, Add	*3.65*	
		For Tinted Glass, Add	*2.04*	
		For Tempered 2 Sided, Add	*3.30*	
		For Low-E Glazing, Add	*1.52*	
		For Internal Muntins, Colonial Or Eurogrid, Add	*2.80*	
		For Internal Muntins, Pencil Bar, Add	*3.82*	
		For Aluminum Screen Mesh, Add	*0.65*	
		For Quantity Discounts, 801 To 1000 SF, Deduct	*-1.40*	
		For Quantity Discounts, 1001 To 2000 SF, Deduct	*-2.92*	
		For > 2000 To 4000, Deduct	*-4.49*	
08 53 13 00-0496	SF	Casement - Series 8V71, 3-1/4" Frame. Multipoint Hardware (A3, B7, C3, F2), Standard White Finish	93.96	8.92
		For Almond Or Cream Finish, Add	*1.47*	
		For Painted Exterior, Add	*3.65*	
		For Tinted Glass, Add	*2.04*	
		For Tempered 2 Sided, Add	*3.30*	
		For Low-E Glazing, Add	*1.52*	
		For Internal Muntins, Colonial Or Eurogrid, Add	*2.80*	
		For Internal Muntins, Pencil Bar, Add	*3.82*	
		For Aluminum Screen Mesh, Add	*0.65*	
		For > 800 To 1000, Deduct	*-1.69*	
		For > 1000 To 2000, Deduct	*-3.14*	
		For > 2000 To 4000, Deduct	*-4.55*	
08 53 13 00-0497	SF	Fixed Casement - Series 8V71F, 3-1/4" Frame. (Pass, B7, C3, F2), Standard White Finish	86.65	8.92
		For Almond Or Cream Finish, Add	*1.47*	
		For Painted Exterior, Add	*3.65*	
		For Tinted Glass, Add	*2.04*	
		For Tempered 2 Sided, Add	*3.30*	
		For Low-E Glazing, Add	*1.52*	
		For Internal Muntins, Colonial Or Eurogrid, Add	*2.80*	
		For Internal Muntins, Pencil Bar, Add	*3.82*	
		For > 800 To 1000, Deduct	*-2.13*	
		For > 1000 To 2000, Deduct	*-4.02*	
		For > 2000 To 4000, Deduct	*-5.60*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0498	SF	Awning - Series 8V81, 3-1/4" Frame. (A3, B7, C3, F2), Standard White Finish	93.96	8.92
		For Almond Or Cream Finish, Add	*1.47*	
		For Painted Exterior, Add	*3.65*	
		For Tinted Glass, Add	*2.04*	
		For Tempered 2 Sided, Add	*3.30*	
		For Low-E Glazing, Add	*1.52*	
		For Internal Muntins, Colonial Or Eurogrid, Add	*2.80*	
		For Internal Muntins, Pencil Bar, Add	*3.82*	
		For Aluminum Screen Mesh, Add	*0.61*	
		For > 800 To 1000, Deduct	*-1.69*	
		For > 1000 To 2000, Deduct	*-3.14*	
		For > 2000 To 4000, Deduct	*-4.55*	

08 53 66 Vinyl Window Screens *(08 53)*

08 53 66 00-0001 Insect Screens For Vinyl Windows *(08 53 66)*

08 53 66 00-0002	EA	Up To 6 SF, Insect Screen For Vinyl Windows	52.93	10.57
08 53 66 00-0003	EA	>6 To 9 SF, Insect Screen For Vinyl Windows	72.00	10.57
08 53 66 00-0004	EA	>9 To 12 SF, Insect Screen For Vinyl Windows	78.36	10.57
08 53 66 00-0005	EA	>12 To 15 SF, Insect Screen For Vinyl Windows	91.07	10.57
08 53 66 00-0006	EA	>15 To 20 SF, Insect Screen For Vinyl Windows	119.67	10.57
08 53 66 00-0007	EA	>20 To 25 SF, Insect Screen For Vinyl Windows	132.38	10.57
08 53 66 00-0008	EA	>25 To 30 SF, Insect Screen For Vinyl Windows	151.45	10.57
08 53 66 00-0009	EA	>30 To 35 SF, Insect Screen For Vinyl Windows	164.16	10.57
08 53 66 00-0010	SF	>35 SF, Insect Screen For Vinyl Windows	4.98	0.21

08 54 Composite Windows *(08 50)*

08 54 13 Fiberglass Windows *(08 54)*

08 54 13 00-0001 Single Hung Fiberglass Windows *(08 54 13)*

08 54 13 00-0002 New Construction, Single Hung Fiberglass Windows *(08 54 13 00-0001)*

Note: Includes white solid fiberglass interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles.

08 54 13 00-0003 34" Height, New Construction, Single Hung Fiberglass Windows *(08 54 13 00-0002)*

08 54 13 00-0004	EA	24" x 34", New Construction, Single Hung Fiberglass Window	938.58	54.73
		For Colored Vinyl, Add	*82.91*	
		For Tinted Glass, Add	*99.49*	
		For Low-E Insulated Glass, Add	*207.28*	
		For Obscure Glass, Add	*228.01*	
08 54 13 00-0005	EA	28" x 34", New Construction, Single Hung Fiberglass Window	989.51	57.11
		For Colored Vinyl, Add	*87.53*	
		For Tinted Glass, Add	*105.03*	
		For Low-E Insulated Glass, Add	*218.82*	
		For Obscure Glass, Add	*240.70*	
08 54 13 00-0006	EA	30" x 34", New Construction, Single Hung Fiberglass Window	1,009.74	58.30
		For Colored Vinyl, Add	*89.32*	
		For Tinted Glass, Add	*107.18*	
		For Low-E Insulated Glass, Add	*223.29*	
		For Obscure Glass, Add	*245.62*	
08 54 13 00-0007	EA	32" x 34", New Construction, Single Hung Fiberglass Window	1,032.28	59.48
		For Colored Vinyl, Add	*91.33*	
		For Tinted Glass, Add	*109.60*	
		For Low-E Insulated Glass, Add	*228.33*	
		For Obscure Glass, Add	*251.16*	
08 54 13 00-0008	EA	36" x 34", New Construction, Single Hung Fiberglass Window	1,093.57	61.87
		For Colored Vinyl, Add	*96.98*	
		For Tinted Glass, Add	*116.38*	
		For Low-E Insulated Glass, Add	*242.46*	
		For Obscure Glass, Add	*266.70*	
08 54 13 00-0009	EA	44" x 34", New Construction, Single Hung Fiberglass Window	1,188.50	66.63
		For Colored Vinyl, Add	*105.53*	
		For Tinted Glass, Add	*126.63*	
		For Low-E Insulated Glass, Add	*263.81*	
		For Obscure Glass, Add	*290.19*	

08 54 13 00-0010 36" Height, New Construction, Single Hung Fiberglass Windows *(08 54 13 00-0002)*

08 54 13 00-0011	EA	24" x 36", New Construction, Single Hung Fiberglass Window	957.20	55.92
		For Colored Vinyl, Add	*84.54*	
		For Tinted Glass, Add	*101.44*	
		For Low-E Insulated Glass, Add	*211.34*	
		For Obscure Glass, Add	*232.47*	
08 54 13 00-0012	EA	28" x 36", New Construction, Single Hung Fiberglass Window	1,008.18	57.11
		For Colored Vinyl, Add	*89.16*	
		For Tinted Glass, Add	*106.99*	
		For Low-E Insulated Glass, Add	*222.90*	
		For Obscure Glass, Add	*245.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 54 13 00-0013	EA	30" x 36", New Construction, Single Hung Fiberglass Window	1,028.43	59.48
		For Colored Vinyl, Add	*90.95*	
		For Tinted Glass, Add	*109.13*	
		For Low-E Insulated Glass, Add	*227.36*	
		For Obscure Glass, Add	*250.10*	
08 54 13 00-0014	EA	32" x 36", New Construction, Single Hung Fiberglass Window	1,050.95	60.68
		For Colored Vinyl, Add	*92.96*	
		For Tinted Glass, Add	*111.55*	
		For Low-E Insulated Glass, Add	*232.40*	
		For Obscure Glass, Add	*255.64*	
08 54 13 00-0015	EA	36" x 36", New Construction, Single Hung Fiberglass Window	1,112.18	63.06
		For Colored Vinyl, Add	*98.61*	
		For Tinted Glass, Add	*118.33*	
		For Low-E Insulated Glass, Add	*246.52*	
		For Obscure Glass, Add	*271.17*	
08 54 13 00-0016	EA	44" x 36", New Construction, Single Hung Fiberglass Window	1,207.12	67.82
		For Colored Vinyl, Add	*107.15*	
		For Tinted Glass, Add	*128.58*	
		For Low-E Insulated Glass, Add	*267.87*	
		For Obscure Glass, Add	*294.66*	
08 54 13 00-0017		**38" Height, New Construction, Single Hung Fiberglass Windows** *(08 54 13 00-0002)*		
08 54 13 00-0018	EA	24" x 38", New Construction, Single Hung Fiberglass Window	975.10	57.11
		For Colored Vinyl, Add	*86.09*	
		For Tinted Glass, Add	*103.31*	
		For Low-E Insulated Glass, Add	*215.22*	
		For Obscure Glass, Add	*236.74*	
08 54 13 00-0019	EA	28" x 38", New Construction, Single Hung Fiberglass Window	1,026.08	59.48
		For Colored Vinyl, Add	*90.71*	
		For Tinted Glass, Add	*108.85*	
		For Low-E Insulated Glass, Add	*226.78*	
		For Obscure Glass, Add	*249.45*	
08 54 13 00-0020	EA	30" x 38", New Construction, Single Hung Fiberglass Window	1,047.30	60.68
		For Colored Vinyl, Add	*92.60*	
		For Tinted Glass, Add	*111.11*	
		For Low-E Insulated Glass, Add	*231.49*	
		For Obscure Glass, Add	*254.64*	
08 54 13 00-0021	EA	32" x 38", New Construction, Single Hung Fiberglass Window	1,069.90	61.87
		For Colored Vinyl, Add	*94.62*	
		For Tinted Glass, Add	*113.54*	
		For Low-E Insulated Glass, Add	*236.54*	
		For Obscure Glass, Add	*260.19*	
08 54 13 00-0022	EA	36" x 38", New Construction, Single Hung Fiberglass Window	1,132.30	64.25
		For Colored Vinyl, Add	*100.38*	
		For Tinted Glass, Add	*120.46*	
		For Low-E Insulated Glass, Add	*250.95*	
		For Obscure Glass, Add	*276.05*	
08 54 13 00-0023	EA	44" x 38", New Construction, Single Hung Fiberglass Window	1,228.79	69.01
		For Colored Vinyl, Add	*109.08*	
		For Tinted Glass, Add	*130.89*	
		For Low-E Insulated Glass, Add	*272.70*	
		For Obscure Glass, Add	*299.96*	
08 54 13 00-0024		**44" Height, New Construction, Single Hung Fiberglass Windows** *(08 54 13 00-0002)*		
08 54 13 00-0025	EA	24" x 44", New Construction, Single Hung Fiberglass Window	1,030.15	60.68
		For Colored Vinyl, Add	*90.88*	
		For Tinted Glass, Add	*109.06*	
		For Low-E Insulated Glass, Add	*227.20*	
		For Obscure Glass, Add	*249.92*	
08 54 13 00-0026	EA	28" x 44", New Construction, Single Hung Fiberglass Window	1,081.08	63.06
		For Colored Vinyl, Add	*95.50*	
		For Tinted Glass, Add	*114.60*	
		For Low-E Insulated Glass, Add	*238.74*	
		For Obscure Glass, Add	*262.61*	
08 54 13 00-0027	EA	30" x 44", New Construction, Single Hung Fiberglass Window	1,105.76	64.25
		For Colored Vinyl, Add	*97.73*	
		For Tinted Glass, Add	*117.27*	
		For Low-E Insulated Glass, Add	*244.32*	
		For Obscure Glass, Add	*268.75*	
08 54 13 00-0028	EA	32" x 44", New Construction, Single Hung Fiberglass Window	1,128.29	65.43
		For Colored Vinyl, Add	*99.74*	
		For Tinted Glass, Add	*119.69*	
		For Low-E Insulated Glass, Add	*249.35*	
		For Obscure Glass, Add	*274.29*	
08 54 13 00-0029	EA	36" x 44", New Construction, Single Hung Fiberglass Window	1,194.15	67.82
		For Colored Vinyl, Add	*105.85*	
		For Tinted Glass, Add	*127.02*	
		For Low-E Insulated Glass, Add	*264.63*	
		For Obscure Glass, Add	*291.09*	
08 54 13 00-0030	EA	44" x 44", New Construction, Single Hung Fiberglass Window	1,294.87	72.58
		For Colored Vinyl, Add	*114.97*	
		For Tinted Glass, Add	*137.97*	
		For Low-E Insulated Glass, Add	*287.43*	
		For Obscure Glass, Add	*316.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 54 13 00-0031		**46" Height, New Construction, Single Hung Fiberglass Windows** *(08 54 13 00-0002)*		
08 54 13 00-0032	EA	24" x 46", New Construction, Single Hung Fiberglass Window	1,048.78	61.87
		For Colored Vinyl, Add	*92.50*	
		For Tinted Glass, Add	*111.00*	
		For Low-E Insulated Glass, Add	*231.26*	
		For Obscure Glass, Add	*254.39*	
08 54 13 00-0033	EA	28" x 46", New Construction, Single Hung Fiberglass Window	1,099.76	64.25
		For Colored Vinyl, Add	*97.13*	
		For Tinted Glass, Add	*116.55*	
		For Low-E Insulated Glass, Add	*242.82*	
		For Obscure Glass, Add	*267.10*	
08 54 13 00-0034	EA	30" x 46", New Construction, Single Hung Fiberglass Window	1,125.42	65.43
		For Colored Vinyl, Add	*99.45*	
		For Tinted Glass, Add	*119.34*	
		For Low-E Insulated Glass, Add	*248.64*	
		For Obscure Glass, Add	*273.50*	
08 54 13 00-0035	EA	32" x 46", New Construction, Single Hung Fiberglass Window	1,148.00	66.63
		For Colored Vinyl, Add	*101.48*	
		For Tinted Glass, Add	*121.77*	
		For Low-E Insulated Glass, Add	*253.69*	
		For Obscure Glass, Add	*279.06*	
08 54 13 00-0036	EA	36" x 46", New Construction, Single Hung Fiberglass Window	1,214.84	69.01
		For Colored Vinyl, Add	*107.68*	
		For Tinted Glass, Add	*129.22*	
		For Low-E Insulated Glass, Add	*269.21*	
		For Obscure Glass, Add	*296.13*	
08 54 13 00-0037	EA	44" x 46", New Construction, Single Hung Fiberglass Window	1,317.21	73.77
		For Colored Vinyl, Add	*116.97*	
		For Tinted Glass, Add	*140.36*	
		For Low-E Insulated Glass, Add	*292.42*	
		For Obscure Glass, Add	*321.66*	
08 54 13 00-0038		**48" Height, New Construction, Single Hung Fiberglass Windows** *(08 54 13 00-0002)*		
08 54 13 00-0039	EA	24" x 48", New Construction, Single Hung Fiberglass Window	1,067.72	63.06
		For Colored Vinyl, Add	*94.16*	
		For Tinted Glass, Add	*112.99*	
		For Low-E Insulated Glass, Add	*235.40*	
		For Obscure Glass, Add	*258.94*	
08 54 13 00-0040	EA	28" x 48", New Construction, Single Hung Fiberglass Window	1,118.64	65.43
		For Colored Vinyl, Add	*98.78*	
		For Tinted Glass, Add	*118.53*	
		For Low-E Insulated Glass, Add	*246.94*	
		For Obscure Glass, Add	*271.63*	
08 54 13 00-0041	EA	30" x 48", New Construction, Single Hung Fiberglass Window	1,145.40	66.63
		For Colored Vinyl, Add	*101.22*	
		For Tinted Glass, Add	*121.46*	
		For Low-E Insulated Glass, Add	*253.04*	
		For Obscure Glass, Add	*278.34*	
08 54 13 00-0042	EA	32" x 48", New Construction, Single Hung Fiberglass Window	1,167.93	67.82
		For Colored Vinyl, Add	*103.23*	
		For Tinted Glass, Add	*123.87*	
		For Low-E Insulated Glass, Add	*258.07*	
		For Obscure Glass, Add	*283.88*	
08 54 13 00-0043	EA	36" x 48", New Construction, Single Hung Fiberglass Window	1,236.01	70.19
		For Colored Vinyl, Add	*109.56*	
		For Tinted Glass, Add	*131.47*	
		For Low-E Insulated Glass, Add	*273.90*	
		For Obscure Glass, Add	*301.29*	
08 54 13 00-0044	EA	44" x 48", New Construction, Single Hung Fiberglass Window	1,339.73	74.95
		For Colored Vinyl, Add	*118.98*	
		For Tinted Glass, Add	*142.78*	
		For Low-E Insulated Glass, Add	*297.46*	
		For Obscure Glass, Add	*327.20*	
08 54 13 00-0045		**50" Height, New Construction, Single Hung Fiberglass Windows** *(08 54 13 00-0002)*		
08 54 13 00-0046	EA	24" x 50", New Construction, Single Hung Fiberglass Window	1,085.55	64.25
		For Colored Vinyl, Add	*95.71*	
		For Tinted Glass, Add	*114.85*	
		For Low-E Insulated Glass, Add	*239.26*	
		For Obscure Glass, Add	*263.19*	
08 54 13 00-0047	EA	28" x 50", New Construction, Single Hung Fiberglass Window	1,136.53	66.63
		For Colored Vinyl, Add	*100.33*	
		For Tinted Glass, Add	*120.39*	
		For Low-E Insulated Glass, Add	*250.82*	
		For Obscure Glass, Add	*275.90*	
08 54 13 00-0048	EA	30" x 50", New Construction, Single Hung Fiberglass Window	1,164.41	67.82
		For Colored Vinyl, Add	*102.88*	
		For Tinted Glass, Add	*123.45*	
		For Low-E Insulated Glass, Add	*257.19*	
		For Obscure Glass, Add	*282.91*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 54 13 00-0049	EA	32" x 50", New Construction, Single Hung Fiberglass Window	1,187.00	69.01
		For Colored Vinyl, Add	*104.90*	
		For Tinted Glass, Add	*125.88*	
		For Low-E Insulated Glass, Add	*262.25*	
		For Obscure Glass, Add	*288.47*	
08 54 13 00-0050	EA	36" x 50", New Construction, Single Hung Fiberglass Window	1,256.05	71.38
		For Colored Vinyl, Add	*111.33*	
		For Tinted Glass, Add	*133.59*	
		For Low-E Insulated Glass, Add	*278.32*	
		For Obscure Glass, Add	*306.15*	
08 54 13 00-0051	EA	44" x 50", New Construction, Single Hung Fiberglass Window	1,361.22	76.14
		For Colored Vinyl, Add	*120.89*	
		For Tinted Glass, Add	*145.07*	
		For Low-E Insulated Glass, Add	*302.23*	
		For Obscure Glass, Add	*332.46*	

08 54 13 00-0052 52" Height, New Construction, Single Hung Fiberglass Windows *(08 54 13 00-0002)*

08 54 13 00-0053	EA	24" x 52", New Construction, Single Hung Fiberglass Window	1,103.58	65.43
		For Colored Vinyl, Add	*97.27*	
		For Tinted Glass, Add	*116.72*	
		For Low-E Insulated Glass, Add	*243.18*	
		For Obscure Glass, Add	*267.49*	
08 54 13 00-0054	EA	28" x 52", New Construction, Single Hung Fiberglass Window	1,154.57	67.82
		For Colored Vinyl, Add	*101.89*	
		For Tinted Glass, Add	*122.27*	
		For Low-E Insulated Glass, Add	*254.73*	
		For Obscure Glass, Add	*280.21*	
08 54 13 00-0055	EA	30" x 52", New Construction, Single Hung Fiberglass Window	1,183.61	69.01
		For Colored Vinyl, Add	*104.56*	
		For Tinted Glass, Add	*125.47*	
		For Low-E Insulated Glass, Add	*261.40*	
		For Obscure Glass, Add	*287.54*	
08 54 13 00-0056	EA	32" x 52", New Construction, Single Hung Fiberglass Window	1,206.14	70.19
		For Colored Vinyl, Add	*106.57*	
		For Tinted Glass, Add	*127.89*	
		For Low-E Insulated Glass, Add	*266.44*	
		For Obscure Glass, Add	*293.08*	
08 54 13 00-0057	EA	36" x 52", New Construction, Single Hung Fiberglass Window	1,276.42	72.58
		For Colored Vinyl, Add	*113.13*	
		For Tinted Glass, Add	*135.75*	
		For Low-E Insulated Glass, Add	*282.82*	
		For Obscure Glass, Add	*311.10*	
08 54 13 00-0058	EA	44" x 52", New Construction, Single Hung Fiberglass Window	1,383.03	77.34
		For Colored Vinyl, Add	*122.84*	
		For Tinted Glass, Add	*147.40*	
		For Low-E Insulated Glass, Add	*307.09*	
		For Obscure Glass, Add	*337.80*	

08 54 13 00-0059 54" Height, New Construction, Single Hung Fiberglass Windows *(08 54 13 00-0002)*

08 54 13 00-0060	EA	24" x 54", New Construction, Single Hung Fiberglass Window	1,121.53	66.63
		For Colored Vinyl, Add	*98.83*	
		For Tinted Glass, Add	*118.59*	
		For Low-E Insulated Glass, Add	*247.07*	
		For Obscure Glass, Add	*271.78*	
08 54 13 00-0061	EA	28" x 54", New Construction, Single Hung Fiberglass Window	1,172.52	69.01
		For Colored Vinyl, Add	*103.45*	
		For Tinted Glass, Add	*124.14*	
		For Low-E Insulated Glass, Add	*258.63*	
		For Obscure Glass, Add	*284.49*	
08 54 13 00-0062	EA	30" x 54", New Construction, Single Hung Fiberglass Window	1,202.62	70.19
		For Colored Vinyl, Add	*106.22*	
		For Tinted Glass, Add	*127.47*	
		For Low-E Insulated Glass, Add	*265.56*	
		For Obscure Glass, Add	*292.11*	
08 54 13 00-0063	EA	32" x 54", New Construction, Single Hung Fiberglass Window	1,225.21	71.38
		For Colored Vinyl, Add	*108.24*	
		For Tinted Glass, Add	*129.89*	
		For Low-E Insulated Glass, Add	*270.61*	
		For Obscure Glass, Add	*297.67*	
08 54 13 00-0064	EA	36" x 54", New Construction, Single Hung Fiberglass Window	1,296.47	73.77
		For Colored Vinyl, Add	*114.89*	
		For Tinted Glass, Add	*137.87*	
		For Low-E Insulated Glass, Add	*287.24*	
		For Obscure Glass, Add	*315.96*	
08 54 13 00-0065	EA	44" x 54", New Construction, Single Hung Fiberglass Window	1,404.51	78.53
		For Colored Vinyl, Add	*124.75*	
		For Tinted Glass, Add	*149.70*	
		For Low-E Insulated Glass, Add	*311.87*	
		For Obscure Glass, Add	*343.05*	

08 54 13 00-0066 60" Height, New Construction, Single Hung Fiberglass Windows *(08 54 13 00-0002)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 54 13 00-0067	EA	24" x 60", New Construction, Single Hung Fiberglass Window	1,177.52	70.19
		For Colored Vinyl, Add	*103.71*	
		For Tinted Glass, Add	*124.45*	
		For Low-E Insulated Glass, Add	*259.28*	
		For Obscure Glass, Add	*285.21*	
08 54 13 00-0068	EA	28" x 60", New Construction, Single Hung Fiberglass Window	1,228.50	72.58
		For Colored Vinyl, Add	*108.34*	
		For Tinted Glass, Add	*130.00*	
		For Low-E Insulated Glass, Add	*270.84*	
		For Obscure Glass, Add	*297.92*	
08 54 13 00-0069	EA	30" x 60", New Construction, Single Hung Fiberglass Window	1,261.72	73.77
		For Colored Vinyl, Add	*111.42*	
		For Tinted Glass, Add	*133.70*	
		For Low-E Insulated Glass, Add	*278.55*	
		For Obscure Glass, Add	*306.40*	
08 54 13 00-0070	EA	32" x 60", New Construction, Single Hung Fiberglass Window	1,284.31	74.95
		For Colored Vinyl, Add	*113.44*	
		For Tinted Glass, Add	*136.13*	
		For Low-E Insulated Glass, Add	*283.60*	
		For Obscure Glass, Add	*311.96*	
08 54 13 00-0071	EA	36" x 60", New Construction, Single Hung Fiberglass Window	1,358.97	77.34
		For Colored Vinyl, Add	*120.43*	
		For Tinted Glass, Add	*144.52*	
		For Low-E Insulated Glass, Add	*301.08*	
		For Obscure Glass, Add	*331.18*	
08 54 13 00-0072	EA	44" x 60", New Construction, Single Hung Fiberglass Window	1,471.44	82.09
		For Colored Vinyl, Add	*130.73*	
		For Tinted Glass, Add	*156.87*	
		For Low-E Insulated Glass, Add	*326.81*	
		For Obscure Glass, Add	*359.49*	
08 54 13 00-0073		**62" Height, New Construction, Single Hung Fiberglass Windows** *(08 54 13 00-0002)*		
08 54 13 00-0074	EA	24" x 62", New Construction, Single Hung Fiberglass Window	1,195.54	71.38
		For Colored Vinyl, Add	*105.28*	
		For Tinted Glass, Add	*126.33*	
		For Low-E Insulated Glass, Add	*263.19*	
		For Obscure Glass, Add	*289.51*	
08 54 13 00-0075	EA	28" x 62", New Construction, Single Hung Fiberglass Window	1,246.46	73.77
		For Colored Vinyl, Add	*109.89*	
		For Tinted Glass, Add	*131.87*	
		For Low-E Insulated Glass, Add	*274.73*	
		For Obscure Glass, Add	*302.21*	
08 54 13 00-0076	EA	30" x 62", New Construction, Single Hung Fiberglass Window	1,281.05	74.95
		For Colored Vinyl, Add	*113.11*	
		For Tinted Glass, Add	*135.74*	
		For Low-E Insulated Glass, Add	*282.79*	
		For Obscure Glass, Add	*311.06*	
08 54 13 00-0077	EA	32" x 62", New Construction, Single Hung Fiberglass Window	1,303.58	76.14
		For Colored Vinyl, Add	*115.13*	
		For Tinted Glass, Add	*138.15*	
		For Low-E Insulated Glass, Add	*287.82*	
		For Obscure Glass, Add	*316.60*	
08 54 13 00-0078	EA	36" x 62", New Construction, Single Hung Fiberglass Window	1,379.28	78.53
		For Colored Vinyl, Add	*122.22*	
		For Tinted Glass, Add	*146.67*	
		For Low-E Insulated Glass, Add	*305.56*	
		For Obscure Glass, Add	*336.11*	
08 54 13 00-0079	EA	44" x 62", New Construction, Single Hung Fiberglass Window	1,493.32	83.29
		For Colored Vinyl, Add	*132.68*	
		For Tinted Glass, Add	*159.21*	
		For Low-E Insulated Glass, Add	*331.69*	
		For Obscure Glass, Add	*364.86*	
08 54 13 00-0080		**66" Height, New Construction, Single Hung Fiberglass Windows** *(08 54 13 00-0002)*		
08 54 13 00-0081	EA	24" x 66", New Construction, Single Hung Fiberglass Window	1,232.31	73.77
		For Colored Vinyl, Add	*108.48*	
		For Tinted Glass, Add	*130.17*	
		For Low-E Insulated Glass, Add	*271.20*	
		For Obscure Glass, Add	*298.31*	
08 54 13 00-0082	EA	28" x 66", New Construction, Single Hung Fiberglass Window	1,283.30	76.14
		For Colored Vinyl, Add	*113.10*	
		For Tinted Glass, Add	*135.72*	
		For Low-E Insulated Glass, Add	*282.75*	
		For Obscure Glass, Add	*311.03*	
08 54 13 00-0083	EA	30" x 66", New Construction, Single Hung Fiberglass Window	1,319.91	77.34
		For Colored Vinyl, Add	*116.52*	
		For Tinted Glass, Add	*139.83*	
		For Low-E Insulated Glass, Add	*291.31*	
		For Obscure Glass, Add	*320.44*	
08 54 13 00-0084	EA	32" x 66", New Construction, Single Hung Fiberglass Window	1,342.44	78.53
		For Colored Vinyl, Add	*118.54*	
		For Tinted Glass, Add	*142.25*	
		For Low-E Insulated Glass, Add	*296.35*	
		For Obscure Glass, Add	*325.98*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 54 13 00-0085	EA	36" x 66", New Construction, Single Hung Fiberglass Window	1,420.49	80.90
		For Colored Vinyl, Add	*125.87*	
		For Tinted Glass, Add	*151.04*	
		For Low-E Insulated Glass, Add	*314.67*	
		For Obscure Glass, Add	*346.14*	
08 54 13 00-0086	EA	44" x 66", New Construction, Single Hung Fiberglass Window	1,537.27	85.66
		For Colored Vinyl, Add	*136.59*	
		For Tinted Glass, Add	*163.91*	
		For Low-E Insulated Glass, Add	*341.49*	
		For Obscure Glass, Add	*375.63*	

08 54 13 00-0087 72" Height, New Construction, Single Hung Fiberglass Windows *(08 54 13 00-0002)*

08 54 13 00-0088	EA	24" x 72", New Construction, Single Hung Fiberglass Window	1,288.29	77.34
		For Colored Vinyl, Add	*113.36*	
		For Tinted Glass, Add	*136.03*	
		For Low-E Insulated Glass, Add	*283.41*	
		For Obscure Glass, Add	*311.75*	
08 54 13 00-0089	EA	28" x 72", New Construction, Single Hung Fiberglass Window	1,339.21	79.72
		For Colored Vinyl, Add	*117.98*	
		For Tinted Glass, Add	*141.57*	
		For Low-E Insulated Glass, Add	*294.95*	
		For Obscure Glass, Add	*324.44*	
08 54 13 00-0090	EA	30" x 72", New Construction, Single Hung Fiberglass Window	1,375.82	80.90
		For Colored Vinyl, Add	*121.40*	
		For Tinted Glass, Add	*145.68*	
		For Low-E Insulated Glass, Add	*303.50*	
		For Obscure Glass, Add	*333.85*	
08 54 13 00-0091	EA	32" x 72", New Construction, Single Hung Fiberglass Window	1,398.42	82.09
		For Colored Vinyl, Add	*123.42*	
		For Tinted Glass, Add	*148.11*	
		For Low-E Insulated Glass, Add	*308.56*	
		For Obscure Glass, Add	*339.41*	
08 54 13 00-0092	EA	36" x 72", New Construction, Single Hung Fiberglass Window	1,476.47	84.48
		For Colored Vinyl, Add	*130.75*	
		For Tinted Glass, Add	*156.90*	
		For Low-E Insulated Glass, Add	*326.88*	
		For Obscure Glass, Add	*359.57*	
08 54 13 00-0093	EA	44" x 72", New Construction, Single Hung Fiberglass Window	1,593.23	89.24
		For Colored Vinyl, Add	*141.48*	
		For Tinted Glass, Add	*169.77*	
		For Low-E Insulated Glass, Add	*353.69*	
		For Obscure Glass, Add	*389.06*	

08 54 13 00-0094 Replacement, Single Hung Fiberglass Windows *(08 54 13 00-0001)*

Note: Includes white solid fiberglass interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles. Pricing calculated by the United Inch (the combined inches of one width and one height).

08 54 13 00-0095	EA	Up To 73" UI, Replacement, Single Hung Fiberglass Window	1,455.33	62.46
		For Colored Vinyl, Add	*133.04*	
		For Tinted Glass, Add	*159.65*	
		For Low-E Insulated Glass, Add	*332.60*	
		For Obscure Glass, Add	*365.86*	
08 54 13 00-0096	EA	>73" To 83" UI, Replacement, Single Hung Fiberglass Window	1,595.48	68.41
		For Colored Vinyl, Add	*145.87*	
		For Tinted Glass, Add	*175.04*	
		For Low-E Insulated Glass, Add	*364.67*	
		For Obscure Glass, Add	*401.13*	
08 54 13 00-0097	EA	>83" To 93" UI, Replacement, Single Hung Fiberglass Window	1,722.59	74.36
		For Colored Vinyl, Add	*157.39*	
		For Tinted Glass, Add	*188.86*	
		For Low-E Insulated Glass, Add	*393.47*	
		For Obscure Glass, Add	*432.81*	
08 54 13 00-0098	EA	>93" To 101" UI, Replacement, Single Hung Fiberglass Window	1,804.13	80.31
		For Colored Vinyl, Add	*164.35*	
		For Tinted Glass, Add	*197.22*	
		For Low-E Insulated Glass, Add	*410.88*	
		For Obscure Glass, Add	*451.97*	
08 54 13 00-0099	EA	>101" To 110" UI, Replacement, Single Hung Fiberglass Window	1,890.87	86.26
		For Colored Vinyl, Add	*171.84*	
		For Tinted Glass, Add	*206.20*	
		For Low-E Insulated Glass, Add	*429.59*	
		For Obscure Glass, Add	*472.55*	
08 54 13 00-0100	EA	>110" To 120" UI, Replacement, Single Hung Fiberglass Window	2,059.00	92.21
		For Colored Vinyl, Add	*187.46*	
		For Tinted Glass, Add	*224.95*	
		For Low-E Insulated Glass, Add	*468.65*	
		For Obscure Glass, Add	*515.51*	
08 54 13 00-0101	UI	>120" UI, Replacement, Single Hung Fiberglass Window	17.20	0.77
		For Colored Vinyl, Add	*1.57*	
		For Tinted Glass, Add	*1.88*	
		For Low-E Insulated Glass, Add	*3.91*	
		For Obscure Glass, Add	*4.30*	

08 54 13 00-0102 Double Hung Fiberglass Windows *(08 54 13)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 54 13 00-0103		New Construction, Double Hung Fiberglass Windows *(08 54 13 00-0102)* Note: Includes white solid fiberglass interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles.		
08 54 13 00-0104		34" Height, New Construction, Double Hung Fiberglass Windows *(08 54 13 00-0103)*		
08 54 13 00-0105	EA	24" x 34", New Construction, Double Hung Fiberglass Window	1,439.34	54.73
		For Colored Vinyl, Add	*132.99*	
		For Tinted Glass, Add	*159.59*	
		For Low-E Insulated Glass, Add	*332.47*	
		For Obscure Glass, Add	*365.72*	
08 54 13 00-0106	EA	28" x 34", New Construction, Double Hung Fiberglass Window	1,490.33	57.11
		For Colored Vinyl, Add	*137.61*	
		For Tinted Glass, Add	*165.13*	
		For Low-E Insulated Glass, Add	*344.03*	
		For Obscure Glass, Add	*378.43*	
08 54 13 00-0107	EA	30" x 34", New Construction, Double Hung Fiberglass Window	1,514.80	58.30
		For Colored Vinyl, Add	*139.82*	
		For Tinted Glass, Add	*167.79*	
		For Low-E Insulated Glass, Add	*349.55*	
		For Obscure Glass, Add	*384.51*	
08 54 13 00-0108	EA	32" x 34", New Construction, Double Hung Fiberglass Window	1,537.41	59.48
		For Colored Vinyl, Add	*141.84*	
		For Tinted Glass, Add	*170.21*	
		For Low-E Insulated Glass, Add	*354.61*	
		For Obscure Glass, Add	*390.07*	
08 54 13 00-0109	EA	36" x 34", New Construction, Double Hung Fiberglass Window	1,594.33	61.87
		For Colored Vinyl, Add	*147.06*	
		For Tinted Glass, Add	*176.47*	
		For Low-E Insulated Glass, Add	*367.65*	
		For Obscure Glass, Add	*404.41*	
08 54 13 00-0110	EA	44" x 34", New Construction, Double Hung Fiberglass Window	1,683.65	66.63
		For Colored Vinyl, Add	*155.04*	
		For Tinted Glass, Add	*186.05*	
		For Low-E Insulated Glass, Add	*387.60*	
		For Obscure Glass, Add	*426.36*	
08 54 13 00-0111		36" Height, New Construction, Double Hung Fiberglass Windows *(08 54 13 00-0103)*		
08 54 13 00-0112	EA	24" x 36", New Construction, Double Hung Fiberglass Window	1,458.02	55.92
		For Colored Vinyl, Add	*134.62*	
		For Tinted Glass, Add	*161.54*	
		For Low-E Insulated Glass, Add	*336.55*	
		For Obscure Glass, Add	*370.20*	
08 54 13 00-0113	EA	28" x 36", New Construction, Double Hung Fiberglass Window	1,509.00	58.30
		For Colored Vinyl, Add	*139.24*	
		For Tinted Glass, Add	*167.09*	
		For Low-E Insulated Glass, Add	*348.10*	
		For Obscure Glass, Add	*382.91*	
08 54 13 00-0114	EA	30" x 36", New Construction, Double Hung Fiberglass Window	1,533.49	59.48
		For Colored Vinyl, Add	*141.45*	
		For Tinted Glass, Add	*169.74*	
		For Low-E Insulated Glass, Add	*353.63*	
		For Obscure Glass, Add	*388.99*	
08 54 13 00-0115	EA	32" x 36", New Construction, Double Hung Fiberglass Window	1,556.01	60.68
		For Colored Vinyl, Add	*143.47*	
		For Tinted Glass, Add	*172.16*	
		For Low-E Insulated Glass, Add	*358.67*	
		For Obscure Glass, Add	*394.53*	
08 54 13 00-0116	EA	36" x 36", New Construction, Double Hung Fiberglass Window	1,613.01	63.06
		For Colored Vinyl, Add	*148.69*	
		For Tinted Glass, Add	*178.43*	
		For Low-E Insulated Glass, Add	*371.72*	
		For Obscure Glass, Add	*408.89*	
08 54 13 00-0117	EA	44" x 36", New Construction, Double Hung Fiberglass Window	1,702.34	67.82
		For Colored Vinyl, Add	*156.67*	
		For Tinted Glass, Add	*188.00*	
		For Low-E Insulated Glass, Add	*391.68*	
		For Obscure Glass, Add	*430.84*	
08 54 13 00-0118		38" Height, New Construction, Double Hung Fiberglass Windows *(08 54 13 00-0103)*		
08 54 13 00-0119	EA	24" x 38", New Construction, Double Hung Fiberglass Window	1,474.29	57.11
		For Colored Vinyl, Add	*136.01*	
		For Tinted Glass, Add	*163.21*	
		For Low-E Insulated Glass, Add	*340.02*	
		For Obscure Glass, Add	*374.02*	
08 54 13 00-0120	EA	28" x 38", New Construction, Double Hung Fiberglass Window	1,525.28	59.48
		For Colored Vinyl, Add	*140.63*	
		For Tinted Glass, Add	*168.76*	
		For Low-E Insulated Glass, Add	*351.58*	
		For Obscure Glass, Add	*386.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 54 13 00-0121	EA	30" x 38", New Construction, Double Hung Fiberglass Window	1,550.73	60.68
		For Colored Vinyl, Add	*142.94*	
		For Tinted Glass, Add	*171.53*	
		For Low-E Insulated Glass, Add	*357.35*	
		For Obscure Glass, Add	*393.08*	
08 54 13 00-0122	EA	32" x 38", New Construction, Double Hung Fiberglass Window	1,573.27	61.87
		For Colored Vinyl, Add	*144.95*	
		For Tinted Glass, Add	*173.94*	
		For Low-E Insulated Glass, Add	*362.38*	
		For Obscure Glass, Add	*398.62*	
08 54 13 00-0123	EA	36" x 38", New Construction, Double Hung Fiberglass Window	1,631.56	64.25
		For Colored Vinyl, Add	*150.31*	
		For Tinted Glass, Add	*180.37*	
		For Low-E Insulated Glass, Add	*375.77*	
		For Obscure Glass, Add	*413.34*	
08 54 13 00-0124	EA	44" x 38", New Construction, Double Hung Fiberglass Window	1,722.12	69.01
		For Colored Vinyl, Add	*158.41*	
		For Tinted Glass, Add	*190.09*	
		For Low-E Insulated Glass, Add	*396.03*	
		For Obscure Glass, Add	*435.63*	

08 54 13 00-0125 44" Height, New Construction, Double Hung Fiberglass Windows *(08 54 13 00-0103)*

08 54 13 00-0126	EA	24" x 44", New Construction, Double Hung Fiberglass Window	1,532.08	60.68
		For Colored Vinyl, Add	*141.07*	
		For Tinted Glass, Add	*169.29*	
		For Low-E Insulated Glass, Add	*352.68*	
		For Obscure Glass, Add	*387.95*	
08 54 13 00-0127	EA	28" x 44", New Construction, Double Hung Fiberglass Window	1,583.08	63.06
		For Colored Vinyl, Add	*145.70*	
		For Tinted Glass, Add	*174.84*	
		For Low-E Insulated Glass, Add	*364.24*	
		For Obscure Glass, Add	*400.66*	
08 54 13 00-0128	EA	30" x 44", New Construction, Double Hung Fiberglass Window	1,603.13	64.25
		For Colored Vinyl, Add	*147.46*	
		For Tinted Glass, Add	*176.96*	
		For Low-E Insulated Glass, Add	*368.66*	
		For Obscure Glass, Add	*405.52*	
08 54 13 00-0129	EA	32" x 44", New Construction, Double Hung Fiberglass Window	1,625.72	65.43
		For Colored Vinyl, Add	*149.48*	
		For Tinted Glass, Add	*179.38*	
		For Low-E Insulated Glass, Add	*373.71*	
		For Obscure Glass, Add	*411.08*	
08 54 13 00-0130	EA	36" x 44", New Construction, Double Hung Fiberglass Window	1,686.82	67.82
		For Colored Vinyl, Add	*155.12*	
		For Tinted Glass, Add	*186.14*	
		For Low-E Insulated Glass, Add	*387.80*	
		For Obscure Glass, Add	*426.57*	
08 54 13 00-0131	EA	44" x 44", New Construction, Double Hung Fiberglass Window	1,783.96	72.58
		For Colored Vinyl, Add	*163.88*	
		For Tinted Glass, Add	*196.66*	
		For Low-E Insulated Glass, Add	*409.70*	
		For Obscure Glass, Add	*450.67*	

08 54 13 00-0132 46" Height, New Construction, Double Hung Fiberglass Windows *(08 54 13 00-0103)*

08 54 13 00-0133	EA	24" x 46", New Construction, Double Hung Fiberglass Window	1,548.30	61.87
		For Colored Vinyl, Add	*142.46*	
		For Tinted Glass, Add	*170.95*	
		For Low-E Insulated Glass, Add	*356.14*	
		For Obscure Glass, Add	*391.75*	
08 54 13 00-0134	EA	28" x 46", New Construction, Double Hung Fiberglass Window	1,599.22	64.25
		For Colored Vinyl, Add	*147.07*	
		For Tinted Glass, Add	*176.49*	
		For Low-E Insulated Glass, Add	*367.68*	
		For Obscure Glass, Add	*404.45*	
08 54 13 00-0135	EA	30" x 46", New Construction, Double Hung Fiberglass Window	1,620.77	65.43
		For Colored Vinyl, Add	*148.99*	
		For Tinted Glass, Add	*178.79*	
		For Low-E Insulated Glass, Add	*372.47*	
		For Obscure Glass, Add	*409.72*	
08 54 13 00-0136	EA	32" x 46", New Construction, Double Hung Fiberglass Window	1,643.29	66.63
		For Colored Vinyl, Add	*151.00*	
		For Tinted Glass, Add	*181.20*	
		For Low-E Insulated Glass, Add	*377.51*	
		For Obscure Glass, Add	*415.26*	
08 54 13 00-0137	EA	36" x 46", New Construction, Double Hung Fiberglass Window	1,705.36	69.01
		For Colored Vinyl, Add	*156.74*	
		For Tinted Glass, Add	*188.08*	
		For Low-E Insulated Glass, Add	*391.84*	
		For Obscure Glass, Add	*431.02*	
08 54 13 00-0138	EA	44" x 46", New Construction, Double Hung Fiberglass Window	1,806.36	73.77
		For Colored Vinyl, Add	*165.88*	
		For Tinted Glass, Add	*199.06*	
		For Low-E Insulated Glass, Add	*414.71*	
		For Obscure Glass, Add	*456.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 54 13 00-0139		**48" Height, New Construction, Double Hung Fiberglass Windows** *(08 54 13 00-0103)*		
08 54 13 00-0140	EA	24" x 48", New Construction, Double Hung Fiberglass Window	1,564.69	63.06
		For Colored Vinyl, Add	*143.86*	
		For Tinted Glass, Add	*172.63*	
		For Low-E Insulated Glass, Add	*359.64*	
		For Obscure Glass, Add	*395.61*	
08 54 13 00-0141	EA	28" x 48", New Construction, Double Hung Fiberglass Window	1,615.68	65.43
		For Colored Vinyl, Add	*148.48*	
		For Tinted Glass, Add	*178.18*	
		For Low-E Insulated Glass, Add	*371.20*	
		For Obscure Glass, Add	*408.32*	
08 54 13 00-0142	EA	30" x 48", New Construction, Double Hung Fiberglass Window	1,638.00	66.63
		For Colored Vinyl, Add	*150.48*	
		For Tinted Glass, Add	*180.57*	
		For Low-E Insulated Glass, Add	*376.19*	
		For Obscure Glass, Add	*413.81*	
08 54 13 00-0143	EA	32" x 48", New Construction, Double Hung Fiberglass Window	1,660.54	67.82
		For Colored Vinyl, Add	*152.49*	
		For Tinted Glass, Add	*182.99*	
		For Low-E Insulated Glass, Add	*381.23*	
		For Obscure Glass, Add	*419.35*	
08 54 13 00-0144	EA	36" x 48", New Construction, Double Hung Fiberglass Window	1,723.85	70.19
		For Colored Vinyl, Add	*158.35*	
		For Tinted Glass, Add	*190.01*	
		For Low-E Insulated Glass, Add	*395.86*	
		For Obscure Glass, Add	*435.45*	
08 54 13 00-0145	EA	44" x 48", New Construction, Double Hung Fiberglass Window	1,828.30	74.95
		For Colored Vinyl, Add	*167.84*	
		For Tinted Glass, Add	*201.41*	
		For Low-E Insulated Glass, Add	*419.60*	
		For Obscure Glass, Add	*461.56*	
08 54 13 00-0146		**50" Height, New Construction, Double Hung Fiberglass Windows** *(08 54 13 00-0103)*		
08 54 13 00-0147	EA	24" x 50", New Construction, Double Hung Fiberglass Window	1,580.90	64.25
		For Colored Vinyl, Add	*145.24*	
		For Tinted Glass, Add	*174.29*	
		For Low-E Insulated Glass, Add	*363.10*	
		For Obscure Glass, Add	*399.41*	
08 54 13 00-0148	EA	28" x 50", New Construction, Double Hung Fiberglass Window	1,631.88	66.63
		For Colored Vinyl, Add	*149.86*	
		For Tinted Glass, Add	*179.84*	
		For Low-E Insulated Glass, Add	*374.66*	
		For Obscure Glass, Add	*412.12*	
08 54 13 00-0149	EA	30" x 50", New Construction, Double Hung Fiberglass Window	1,655.46	67.82
		For Colored Vinyl, Add	*151.98*	
		For Tinted Glass, Add	*182.38*	
		For Low-E Insulated Glass, Add	*379.96*	
		For Obscure Glass, Add	*417.95*	
08 54 13 00-0150	EA	32" x 50", New Construction, Double Hung Fiberglass Window	1,678.04	69.01
		For Colored Vinyl, Add	*154.00*	
		For Tinted Glass, Add	*184.80*	
		For Low-E Insulated Glass, Add	*385.01*	
		For Obscure Glass, Add	*423.51*	
08 54 13 00-0151	EA	36" x 50", New Construction, Double Hung Fiberglass Window	1,742.40	71.38
		For Colored Vinyl, Add	*159.96*	
		For Tinted Glass, Add	*191.96*	
		For Low-E Insulated Glass, Add	*399.91*	
		For Obscure Glass, Add	*439.90*	
08 54 13 00-0152	EA	44" x 50", New Construction, Double Hung Fiberglass Window	1,850.57	76.14
		For Colored Vinyl, Add	*169.83*	
		For Tinted Glass, Add	*203.79*	
		For Low-E Insulated Glass, Add	*424.57*	
		For Obscure Glass, Add	*467.03*	
08 54 13 00-0153		**52" Height, New Construction, Double Hung Fiberglass Windows** *(08 54 13 00-0103)*		
08 54 13 00-0154	EA	24" x 52", New Construction, Double Hung Fiberglass Window	1,597.23	65.43
		For Colored Vinyl, Add	*146.64*	
		For Tinted Glass, Add	*175.96*	
		For Low-E Insulated Glass, Add	*366.59*	
		For Obscure Glass, Add	*403.25*	
08 54 13 00-0155	EA	28" x 52", New Construction, Double Hung Fiberglass Window	1,648.15	67.82
		For Colored Vinyl, Add	*151.25*	
		For Tinted Glass, Add	*181.50*	
		For Low-E Insulated Glass, Add	*378.13*	
		For Obscure Glass, Add	*415.94*	
08 54 13 00-0156	EA	30" x 52", New Construction, Double Hung Fiberglass Window	1,672.69	69.01
		For Colored Vinyl, Add	*153.47*	
		For Tinted Glass, Add	*184.16*	
		For Low-E Insulated Glass, Add	*383.67*	
		For Obscure Glass, Add	*422.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 54 13 00-0157	EA	32" x 52", New Construction, Double Hung Fiberglass Window	1,695.23	70.19
		For Colored Vinyl, Add	*155.48*	
		For Tinted Glass, Add	*186.58*	
		For Low-E Insulated Glass, Add	*388.71*	
		For Obscure Glass, Add	*427.58*	
08 54 13 00-0158	EA	36" x 52", New Construction, Double Hung Fiberglass Window	1,763.10	72.58
		For Colored Vinyl, Add	*161.80*	
		For Tinted Glass, Add	*194.15*	
		For Low-E Insulated Glass, Add	*404.49*	
		For Obscure Glass, Add	*444.94*	
08 54 13 00-0159	EA	44" x 52", New Construction, Double Hung Fiberglass Window	1,872.38	77.34
		For Colored Vinyl, Add	*171.77*	
		For Tinted Glass, Add	*206.13*	
		For Low-E Insulated Glass, Add	*429.43*	
		For Obscure Glass, Add	*472.37*	
08 54 13 00-0160		54" Height, New Construction, Double Hung Fiberglass Windows *(08 54 13 00-0103)*		
08 54 13 00-0161	EA	24" x 54", New Construction, Double Hung Fiberglass Window	1,613.62	66.63
		For Colored Vinyl, Add	*148.04*	
		For Tinted Glass, Add	*177.64*	
		For Low-E Insulated Glass, Add	*370.09*	
		For Obscure Glass, Add	*407.10*	
08 54 13 00-0162	EA	28" x 54", New Construction, Double Hung Fiberglass Window	1,664.61	69.01
		For Colored Vinyl, Add	*152.66*	
		For Tinted Glass, Add	*183.19*	
		For Low-E Insulated Glass, Add	*381.65*	
		For Obscure Glass, Add	*419.82*	
08 54 13 00-0163	EA	30" x 54", New Construction, Double Hung Fiberglass Window	1,690.28	70.19
		For Colored Vinyl, Add	*154.99*	
		For Tinted Glass, Add	*185.99*	
		For Low-E Insulated Glass, Add	*387.47*	
		For Obscure Glass, Add	*426.22*	
08 54 13 00-0164	EA	32" x 54", New Construction, Double Hung Fiberglass Window	1,712.86	71.38
		For Colored Vinyl, Add	*157.01*	
		For Tinted Glass, Add	*188.41*	
		For Low-E Insulated Glass, Add	*392.52*	
		For Obscure Glass, Add	*431.77*	
08 54 13 00-0165	EA	36" x 54", New Construction, Double Hung Fiberglass Window	1,783.86	73.77
		For Colored Vinyl, Add	*163.63*	
		For Tinted Glass, Add	*196.36*	
		For Low-E Insulated Glass, Add	*409.08*	
		For Obscure Glass, Add	*449.99*	
08 54 13 00-0166	EA	44" x 54", New Construction, Double Hung Fiberglass Window	1,894.25	78.53
		For Colored Vinyl, Add	*173.72*	
		For Tinted Glass, Add	*208.46*	
		For Low-E Insulated Glass, Add	*434.30*	
		For Obscure Glass, Add	*477.73*	
08 54 13 00-0167		60" Height, New Construction, Double Hung Fiberglass Windows *(08 54 13 00-0103)*		
08 54 13 00-0168	EA	24" x 60", New Construction, Double Hung Fiberglass Window	1,662.82	70.19
		For Colored Vinyl, Add	*152.24*	
		For Tinted Glass, Add	*182.69*	
		For Low-E Insulated Glass, Add	*380.61*	
		For Obscure Glass, Add	*418.67*	
08 54 13 00-0169	EA	28" x 60", New Construction, Double Hung Fiberglass Window	1,713.80	72.58
		For Colored Vinyl, Add	*156.87*	
		For Tinted Glass, Add	*188.24*	
		For Low-E Insulated Glass, Add	*392.16*	
		For Obscure Glass, Add	*431.38*	
08 54 13 00-0170	EA	30" x 60", New Construction, Double Hung Fiberglass Window	1,747.16	73.77
		For Colored Vinyl, Add	*159.96*	
		For Tinted Glass, Add	*191.96*	
		For Low-E Insulated Glass, Add	*399.91*	
		For Obscure Glass, Add	*439.90*	
08 54 13 00-0171	EA	32" x 60", New Construction, Double Hung Fiberglass Window	1,769.68	74.95
		For Colored Vinyl, Add	*161.98*	
		For Tinted Glass, Add	*194.37*	
		For Low-E Insulated Glass, Add	*404.94*	
		For Obscure Glass, Add	*445.44*	
08 54 13 00-0172	EA	36" x 60", New Construction, Double Hung Fiberglass Window	1,845.71	77.34
		For Colored Vinyl, Add	*169.10*	
		For Tinted Glass, Add	*202.92*	
		For Low-E Insulated Glass, Add	*422.76*	
		For Obscure Glass, Add	*465.04*	
08 54 13 00-0173	EA	44" x 60", New Construction, Double Hung Fiberglass Window	1,960.27	82.09
		For Colored Vinyl, Add	*179.61*	
		For Tinted Glass, Add	*215.53*	
		For Low-E Insulated Glass, Add	*449.02*	
		For Obscure Glass, Add	*493.92*	
08 54 13 00-0174		62" Height, New Construction, Double Hung Fiberglass Windows *(08 54 13 00-0103)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 54 13 00-0175	EA	24" x 62", New Construction, Double Hung Fiberglass Window	1,679.15	71.38
		For Colored Vinyl, Add	*153.64*	
		For Tinted Glass, Add	*184.37*	
		For Low-E Insulated Glass, Add	*384.10*	
		For Obscure Glass, Add	*422.50*	
08 54 13 00-0176	EA	28" x 62", New Construction, Double Hung Fiberglass Window	1,730.07	73.77
		For Colored Vinyl, Add	*158.25*	
		For Tinted Glass, Add	*189.90*	
		For Low-E Insulated Glass, Add	*395.64*	
		For Obscure Glass, Add	*435.20*	
08 54 13 00-0177	EA	30" x 62", New Construction, Double Hung Fiberglass Window	1,766.62	74.95
		For Colored Vinyl, Add	*161.67*	
		For Tinted Glass, Add	*194.01*	
		For Low-E Insulated Glass, Add	*404.18*	
		For Obscure Glass, Add	*444.60*	
08 54 13 00-0178	EA	32" x 62", New Construction, Double Hung Fiberglass Window	1,789.15	76.14
		For Colored Vinyl, Add	*163.69*	
		For Tinted Glass, Add	*196.42*	
		For Low-E Insulated Glass, Add	*409.22*	
		For Obscure Glass, Add	*450.14*	
08 54 13 00-0179	EA	36" x 62", New Construction, Double Hung Fiberglass Window	1,866.15	78.53
		For Colored Vinyl, Add	*170.91*	
		For Tinted Glass, Add	*205.09*	
		For Low-E Insulated Glass, Add	*427.28*	
		For Obscure Glass, Add	*470.00*	
08 54 13 00-0180	EA	44" x 62", New Construction, Double Hung Fiberglass Window	1,984.76	83.29
		For Colored Vinyl, Add	*181.82*	
		For Tinted Glass, Add	*218.18*	
		For Low-E Insulated Glass, Add	*454.55*	
		For Obscure Glass, Add	*500.00*	

08 54 13 00-0181 66" Height, New Construction, Double Hung Fiberglass Windows *(08 54 13 00-0103)*

08 54 13 00-0182	EA	24" x 66", New Construction, Double Hung Fiberglass Window	1,716.44	73.77
		For Colored Vinyl, Add	*156.89*	
		For Tinted Glass, Add	*188.27*	
		For Low-E Insulated Glass, Add	*392.23*	
		For Obscure Glass, Add	*431.45*	
08 54 13 00-0183	EA	28" x 66", New Construction, Double Hung Fiberglass Window	1,767.43	76.14
		For Colored Vinyl, Add	*161.51*	
		For Tinted Glass, Add	*193.82*	
		For Low-E Insulated Glass, Add	*403.79*	
		For Obscure Glass, Add	*444.16*	
08 54 13 00-0184	EA	30" x 66", New Construction, Double Hung Fiberglass Window	1,805.61	77.34
		For Colored Vinyl, Add	*165.09*	
		For Tinted Glass, Add	*198.11*	
		For Low-E Insulated Glass, Add	*412.74*	
		For Obscure Glass, Add	*454.01*	
08 54 13 00-0185	EA	32" x 66", New Construction, Double Hung Fiberglass Window	1,828.14	78.53
		For Colored Vinyl, Add	*167.11*	
		For Tinted Glass, Add	*200.53*	
		For Low-E Insulated Glass, Add	*417.77*	
		For Obscure Glass, Add	*459.55*	
08 54 13 00-0186	EA	36" x 66", New Construction, Double Hung Fiberglass Window	1,907.62	80.90
		For Colored Vinyl, Add	*174.58*	
		For Tinted Glass, Add	*209.50*	
		For Low-E Insulated Glass, Add	*436.45*	
		For Obscure Glass, Add	*480.10*	
08 54 13 00-0187	EA	44" x 66", New Construction, Double Hung Fiberglass Window	2,031.70	85.66
		For Colored Vinyl, Add	*186.04*	
		For Tinted Glass, Add	*223.24*	
		For Low-E Insulated Glass, Add	*465.09*	
		For Obscure Glass, Add	*511.60*	

08 54 13 00-0188 72" Height, New Construction, Double Hung Fiberglass Windows *(08 54 13 00-0103)*

08 54 13 00-0189	EA	24" x 72", New Construction, Double Hung Fiberglass Window	1,772.42	77.34
		For Colored Vinyl, Add	*161.78*	
		For Tinted Glass, Add	*194.13*	
		For Low-E Insulated Glass, Add	*404.44*	
		For Obscure Glass, Add	*444.88*	
08 54 13 00-0190	EA	28" x 72", New Construction, Double Hung Fiberglass Window	1,823.35	79.72
		For Colored Vinyl, Add	*166.39*	
		For Tinted Glass, Add	*199.67*	
		For Low-E Insulated Glass, Add	*415.98*	
		For Obscure Glass, Add	*457.58*	
08 54 13 00-0191	EA	30" x 72", New Construction, Double Hung Fiberglass Window	1,861.52	80.90
		For Colored Vinyl, Add	*169.97*	
		For Tinted Glass, Add	*203.97*	
		For Low-E Insulated Glass, Add	*424.93*	
		For Obscure Glass, Add	*467.42*	
08 54 13 00-0192	EA	32" x 72", New Construction, Double Hung Fiberglass Window	1,884.11	82.09
		For Colored Vinyl, Add	*171.99*	
		For Tinted Glass, Add	*206.39*	
		For Low-E Insulated Glass, Add	*429.98*	
		For Obscure Glass, Add	*472.98*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 54 13 00-0193	EA	36" x 72", New Construction, Double Hung Fiberglass Window	1,963.60	84.48
		For Colored Vinyl, Add	*179.47*	
		For Tinted Glass, Add	*215.36*	
		For Low-E Insulated Glass, Add	*448.66*	
		For Obscure Glass, Add	*493.53*	
08 54 13 00-0194	EA	44" x 72", New Construction, Double Hung Fiberglass Window	2,087.67	89.24
		For Colored Vinyl, Add	*190.92*	
		For Tinted Glass, Add	*229.11*	
		For Low-E Insulated Glass, Add	*477.30*	
		For Obscure Glass, Add	*525.03*	
08 54 13 00-0195		Replacement, Double Hung Fiberglass Windows *(08 54 13 00-0102)*		
		Note: Includes white solid fiberglass interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles. Pricing calculated by the United Inch (the combined inches of one width and one height).		
08 54 13 00-0196	EA	Up To 73" UI, Replacement, Double Hung Fiberglass Window	1,787.93	62.46
		For Colored Vinyl, Add	*166.30*	
		For Tinted Glass, Add	*199.56*	
		For Low-E Insulated Glass, Add	*415.75*	
		For Obscure Glass, Add	*457.33*	
08 54 13 00-0197	EA	>73" To 83" UI, Replacement, Double Hung Fiberglass Window	1,973.65	68.41
		For Colored Vinyl, Add	*183.68*	
		For Tinted Glass, Add	*220.42*	
		For Low-E Insulated Glass, Add	*459.21*	
		For Obscure Glass, Add	*505.13*	
08 54 13 00-0198	EA	>83" To 93" UI, Replacement, Double Hung Fiberglass Window	2,146.28	74.36
		For Colored Vinyl, Add	*199.76*	
		For Tinted Glass, Add	*239.71*	
		For Low-E Insulated Glass, Add	*499.39*	
		For Obscure Glass, Add	*549.33*	
08 54 13 00-0199	EA	>93" To 101" UI, Replacement, Double Hung Fiberglass Window	2,264.26	80.31
		For Colored Vinyl, Add	*210.36*	
		For Tinted Glass, Add	*252.44*	
		For Low-E Insulated Glass, Add	*525.91*	
		For Obscure Glass, Add	*578.50*	
08 54 13 00-0200	EA	>101" To 110" UI, Replacement, Double Hung Fiberglass Window	2,392.02	86.26
		For Colored Vinyl, Add	*221.95*	
		For Tinted Glass, Add	*266.34*	
		For Low-E Insulated Glass, Add	*554.88*	
		For Obscure Glass, Add	*610.37*	
08 54 13 00-0201	EA	>110" To 120" UI, Replacement, Double Hung Fiberglass Window	2,605.72	92.21
		For Colored Vinyl, Add	*242.13*	
		For Tinted Glass, Add	*290.56*	
		For Low-E Insulated Glass, Add	*605.33*	
		For Obscure Glass, Add	*665.86*	
08 54 13 00-0202	UI	>120" UI, Replacement, Double Hung Fiberglass Window	21.70	0.77
		For Colored Vinyl, Add	*2.02*	
		For Tinted Glass, Add	*2.42*	
		For Low-E Insulated Glass, Add	*5.04*	
		For Obscure Glass, Add	*5.54*	
08 54 13 00-0203		Casement Fiberglass Windows *(08 54 13)*		
08 54 13 00-0204		New Construction, Casement Fiberglass Windows *(08 54 13 00-0203)*		
		Note: Includes white solid fiberglass interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles.		
08 54 13 00-0205		One Operating Sash, New Construction, Casement Fiberglass Windows *(08 54 13 00-0204)*		
08 54 13 00-0206		24" Height, One Operating Sash, New Construction, Casement Fiberglass Windows *(08 54 13 00-0205)*		
08 54 13 00-0207	EA	17" x 24", One Operating Sash, New Construction, Casement Fiberglass Window	1,342.31	45.21
		For Colored Vinyl, Add	*125.31*	
		For Tinted Glass, Add	*150.37*	
		For Low-E Insulated Glass, Add	*313.27*	
		For Obscure Glass, Add	*344.59*	
08 54 13 00-0208	EA	20" x 24", One Operating Sash, New Construction, Casement Fiberglass Window	1,388.19	46.40
		For Colored Vinyl, Add	*129.54*	
		For Tinted Glass, Add	*155.45*	
		For Low-E Insulated Glass, Add	*323.85*	
		For Obscure Glass, Add	*356.23*	
08 54 13 00-0209	EA	24" x 24", One Operating Sash, New Construction, Casement Fiberglass Window	1,435.26	48.79
		For Colored Vinyl, Add	*133.77*	
		For Tinted Glass, Add	*160.52*	
		For Low-E Insulated Glass, Add	*334.43*	
		For Obscure Glass, Add	*367.87*	
08 54 13 00-0210	EA	28" x 24", One Operating Sash, New Construction, Casement Fiberglass Window	1,528.96	51.16
		For Colored Vinyl, Add	*142.66*	
		For Tinted Glass, Add	*171.20*	
		For Low-E Insulated Glass, Add	*356.66*	
		For Obscure Glass, Add	*392.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 54 13 00-0211		**28" Height, One Operating Sash, New Construction, Casement Fiberglass Windows** *(08 54 13 00-0205)*		
08 54 13 00-0212	EA	17" x 28", One Operating Sash, New Construction, Casement Fiberglass Window	1,425.83	47.59
		For Colored Vinyl, Add	*133.18*	
		For Tinted Glass, Add	*159.82*	
		For Low-E Insulated Glass, Add	*332.96*	
		For Obscure Glass, Add	*366.26*	
08 54 13 00-0213	EA	20" x 28", One Operating Sash, New Construction, Casement Fiberglass Window	1,476.54	48.79
		For Colored Vinyl, Add	*137.90*	
		For Tinted Glass, Add	*165.48*	
		For Low-E Insulated Glass, Add	*344.75*	
		For Obscure Glass, Add	*379.22*	
08 54 13 00-0214	EA	24" x 28", One Operating Sash, New Construction, Casement Fiberglass Window	1,528.31	51.16
		For Colored Vinyl, Add	*142.60*	
		For Tinted Glass, Add	*171.12*	
		For Low-E Insulated Glass, Add	*356.50*	
		For Obscure Glass, Add	*392.15*	
08 54 13 00-0215	EA	28" x 28", One Operating Sash, New Construction, Casement Fiberglass Window	1,627.68	53.54
		For Colored Vinyl, Add	*152.06*	
		For Tinted Glass, Add	*182.47*	
		For Low-E Insulated Glass, Add	*380.15*	
		For Obscure Glass, Add	*418.17*	
08 54 13 00-0216		**36" Height, One Operating Sash, New Construction, Casement Fiberglass Windows** *(08 54 13 00-0205)*		
08 54 13 00-0217	EA	17" x 36", One Operating Sash, New Construction, Casement Fiberglass Window	1,518.79	51.16
		For Colored Vinyl, Add	*141.65*	
		For Tinted Glass, Add	*169.98*	
		For Low-E Insulated Glass, Add	*354.12*	
		For Obscure Glass, Add	*389.53*	
08 54 13 00-0218	EA	20" x 36", One Operating Sash, New Construction, Casement Fiberglass Window	1,571.85	53.54
		For Colored Vinyl, Add	*146.60*	
		For Tinted Glass, Add	*175.92*	
		For Low-E Insulated Glass, Add	*366.49*	
		For Obscure Glass, Add	*403.14*	
08 54 13 00-0219	EA	24" x 36", One Operating Sash, New Construction, Casement Fiberglass Window	1,626.16	55.33
		For Colored Vinyl, Add	*151.55*	
		For Tinted Glass, Add	*181.86*	
		For Low-E Insulated Glass, Add	*378.88*	
		For Obscure Glass, Add	*416.77*	
08 54 13 00-0220	EA	28" x 36", One Operating Sash, New Construction, Casement Fiberglass Window	1,730.16	57.70
		For Colored Vinyl, Add	*161.48*	
		For Tinted Glass, Add	*193.77*	
		For Low-E Insulated Glass, Add	*403.69*	
		For Obscure Glass, Add	*444.06*	
08 54 13 00-0221		**40" Height, One Operating Sash, New Construction, Casement Fiberglass Windows** *(08 54 13 00-0205)*		
08 54 13 00-0222	EA	17" x 40", One Operating Sash, New Construction, Casement Fiberglass Window	1,606.37	54.73
		For Colored Vinyl, Add	*149.81*	
		For Tinted Glass, Add	*179.77*	
		For Low-E Insulated Glass, Add	*374.53*	
		For Obscure Glass, Add	*411.98*	
08 54 13 00-0223	EA	20" x 40", One Operating Sash, New Construction, Casement Fiberglass Window	1,662.76	55.92
		For Colored Vinyl, Add	*155.09*	
		For Tinted Glass, Add	*186.11*	
		For Low-E Insulated Glass, Add	*387.73*	
		For Obscure Glass, Add	*426.50*	
08 54 13 00-0224	EA	24" x 40", One Operating Sash, New Construction, Casement Fiberglass Window	1,720.39	58.30
		For Colored Vinyl, Add	*160.38*	
		For Tinted Glass, Add	*192.46*	
		For Low-E Insulated Glass, Add	*400.95*	
		For Obscure Glass, Add	*441.05*	
08 54 13 00-0225	EA	28" x 40", One Operating Sash, New Construction, Casement Fiberglass Window	1,833.71	60.68
		For Colored Vinyl, Add	*171.24*	
		For Tinted Glass, Add	*205.48*	
		For Low-E Insulated Glass, Add	*428.09*	
		For Obscure Glass, Add	*470.90*	
08 54 13 00-0226		**48" Height, One Operating Sash, New Construction, Casement Fiberglass Windows** *(08 54 13 00-0205)*		
08 54 13 00-0227	EA	17" x 48", One Operating Sash, New Construction, Casement Fiberglass Window	1,698.31	59.48
		For Colored Vinyl, Add	*158.05*	
		For Tinted Glass, Add	*189.66*	
		For Low-E Insulated Glass, Add	*395.13*	
		For Obscure Glass, Add	*434.64*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 54 13 00-0228	EA	20" x 48", One Operating Sash, New Construction, Casement Fiberglass Window	1,757.55	60.68
		For Colored Vinyl, Add	*163.62*	
		For Tinted Glass, Add	*196.34*	
		For Low-E Insulated Glass, Add	*409.05*	
		For Obscure Glass, Add	*449.96*	
08 54 13 00-0229	EA	24" x 48", One Operating Sash, New Construction, Casement Fiberglass Window	1,818.20	63.06
		For Colored Vinyl, Add	*169.21*	
		For Tinted Glass, Add	*203.05*	
		For Low-E Insulated Glass, Add	*423.02*	
		For Obscure Glass, Add	*465.32*	
08 54 13 00-0230	EA	28" x 48", One Operating Sash, New Construction, Casement Fiberglass Window	1,943.85	65.43
		For Colored Vinyl, Add	*181.30*	
		For Tinted Glass, Add	*217.56*	
		For Low-E Insulated Glass, Add	*453.24*	
		For Obscure Glass, Add	*498.57*	

08 54 13 00-0231 52" Height, One Operating Sash, New Construction, Casement Fiberglass Windows *(08 54 13 00-0205)*

08 54 13 00-0232	EA	17" x 52", One Operating Sash, New Construction, Casement Fiberglass Window	1,785.02	61.87
		For Colored Vinyl, Add	*166.25*	
		For Tinted Glass, Add	*199.50*	
		For Low-E Insulated Glass, Add	*415.62*	
		For Obscure Glass, Add	*457.18*	
08 54 13 00-0233	EA	20" x 52", One Operating Sash, New Construction, Casement Fiberglass Window	1,848.26	63.06
		For Colored Vinyl, Add	*172.21*	
		For Tinted Glass, Add	*206.66*	
		For Low-E Insulated Glass, Add	*430.54*	
		For Obscure Glass, Add	*473.59*	
08 54 13 00-0234	EA	24" x 52", One Operating Sash, New Construction, Casement Fiberglass Window	1,912.49	65.43
		For Colored Vinyl, Add	*178.16*	
		For Tinted Glass, Add	*213.79*	
		For Low-E Insulated Glass, Add	*445.40*	
		For Obscure Glass, Add	*489.94*	
08 54 13 00-0235	EA	28" x 52", One Operating Sash, New Construction, Casement Fiberglass Window	2,040.55	67.82
		For Colored Vinyl, Add	*190.49*	
		For Tinted Glass, Add	*228.59*	
		For Low-E Insulated Glass, Add	*476.23*	
		For Obscure Glass, Add	*523.85*	

08 54 13 00-0236 60" Height, One Operating Sash, New Construction, Casement Fiberglass Windows *(08 54 13 00-0205)*

08 54 13 00-0237	EA	17" x 60", One Operating Sash, New Construction, Casement Fiberglass Window	1,875.39	65.43
		For Colored Vinyl, Add	*174.45*	
		For Tinted Glass, Add	*209.34*	
		For Low-E Insulated Glass, Add	*436.13*	
		For Obscure Glass, Add	*479.74*	
08 54 13 00-0238	EA	20" x 60", One Operating Sash, New Construction, Casement Fiberglass Window	1,942.33	67.82
		For Colored Vinyl, Add	*180.79*	
		For Tinted Glass, Add	*216.95*	
		For Low-E Insulated Glass, Add	*451.97*	
		For Obscure Glass, Add	*497.17*	
08 54 13 00-0239	EA	24" x 60", One Operating Sash, New Construction, Casement Fiberglass Window	2,010.53	69.60
		For Colored Vinyl, Add	*187.13*	
		For Tinted Glass, Add	*224.56*	
		For Low-E Insulated Glass, Add	*467.83*	
		For Obscure Glass, Add	*514.62*	
08 54 13 00-0240	EA	28" x 60", One Operating Sash, New Construction, Casement Fiberglass Window	2,140.74	71.99
		For Colored Vinyl, Add	*199.68*	
		For Tinted Glass, Add	*239.61*	
		For Low-E Insulated Glass, Add	*499.20*	
		For Obscure Glass, Add	*549.11*	

08 54 13 00-0241 64" Height, One Operating Sash, New Construction, Casement Fiberglass Windows *(08 54 13 00-0205)*

08 54 13 00-0242	EA	17" x 64", One Operating Sash, New Construction, Casement Fiberglass Window	1,961.40	69.01
		For Colored Vinyl, Add	*182.46*	
		For Tinted Glass, Add	*218.95*	
		For Low-E Insulated Glass, Add	*456.15*	
		For Obscure Glass, Add	*501.76*	
08 54 13 00-0243	EA	20" x 64", One Operating Sash, New Construction, Casement Fiberglass Window	2,030.31	70.19
		For Colored Vinyl, Add	*188.99*	
		For Tinted Glass, Add	*226.79*	
		For Low-E Insulated Glass, Add	*472.48*	
		For Obscure Glass, Add	*519.73*	
08 54 13 00-0244	EA	24" x 64", One Operating Sash, New Construction, Casement Fiberglass Window	2,103.65	72.58
		For Colored Vinyl, Add	*195.85*	
		For Tinted Glass, Add	*235.02*	
		For Low-E Insulated Glass, Add	*489.63*	
		For Obscure Glass, Add	*538.59*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 54 13 00-0245	EA	28" x 64", One Operating Sash, New Construction, Casement Fiberglass Window	2,230.67	74.95
		For Colored Vinyl, Add	*208.08*	
		For Tinted Glass, Add	*249.69*	
		For Low-E Insulated Glass, Add	*520.19*	
		For Obscure Glass, Add	*572.21*	
08 54 13 00-0246		72" Height, One Operating Sash, New Construction, Casement Fiberglass Windows *(08 54 13 00-0205)*		
08 54 13 00-0247	EA	17" x 72", One Operating Sash, New Construction, Casement Fiberglass Window	2,064.34	72.58
		For Colored Vinyl, Add	*191.92*	
		For Tinted Glass, Add	*230.30*	
		For Low-E Insulated Glass, Add	*479.80*	
		For Obscure Glass, Add	*527.78*	
08 54 13 00-0248	EA	20" x 72", One Operating Sash, New Construction, Casement Fiberglass Window	2,137.35	74.95
		For Colored Vinyl, Add	*198.86*	
		For Tinted Glass, Add	*238.64*	
		For Low-E Insulated Glass, Add	*497.16*	
		For Obscure Glass, Add	*546.87*	
08 54 13 00-0249	EA	24" x 72", One Operating Sash, New Construction, Casement Fiberglass Window	2,207.05	76.74
		For Colored Vinyl, Add	*205.36*	
		For Tinted Glass, Add	*246.43*	
		For Low-E Insulated Glass, Add	*513.39*	
		For Obscure Glass, Add	*564.73*	
08 54 13 00-0250	EA	28" x 72", One Operating Sash, New Construction, Casement Fiberglass Window	2,332.37	79.12
		For Colored Vinyl, Add	*217.41*	
		For Tinted Glass, Add	*260.90*	
		For Low-E Insulated Glass, Add	*543.53*	
		For Obscure Glass, Add	*597.89*	
08 54 13 00-0251		Two Operating Sashes, New Construction, Casement Fiberglass Windows *(08 54 13 00-0204)*		
08 54 13 00-0252		36" Height, Two Operating Sashes, New Construction, Casement Fiberglass Windows *(08 54 13 00-0251)*		
08 54 13 00-0253	EA	33" x 36", Two Operating Sashes, New Construction, Casement Fiberglass Window	2,841.95	60.68
		For Colored Vinyl, Add	*272.06*	
		For Tinted Glass, Add	*326.47*	
		For Low-E Insulated Glass, Add	*680.15*	
		For Obscure Glass, Add	*748.17*	
08 54 13 00-0254	EA	40" x 36", Two Operating Sashes, New Construction, Casement Fiberglass Window	2,935.70	65.43
		For Colored Vinyl, Add	*280.60*	
		For Tinted Glass, Add	*336.72*	
		For Low-E Insulated Glass, Add	*701.50*	
		For Obscure Glass, Add	*771.65*	
08 54 13 00-0255	EA	48" x 36", Two Operating Sashes, New Construction, Casement Fiberglass Window	3,030.69	70.19
		For Colored Vinyl, Add	*289.15*	
		For Tinted Glass, Add	*346.98*	
		For Low-E Insulated Glass, Add	*722.87*	
		For Obscure Glass, Add	*795.16*	
08 54 13 00-0256	EA	56" x 36", Two Operating Sashes, New Construction, Casement Fiberglass Window	3,141.67	74.36
		For Colored Vinyl, Add	*299.30*	
		For Tinted Glass, Add	*359.15*	
		For Low-E Insulated Glass, Add	*748.24*	
		For Obscure Glass, Add	*823.06*	
08 54 13 00-0257		40" Height, Two Operating Sashes, New Construction, Casement Fiberglass Windows *(08 54 13 00-0251)*		
08 54 13 00-0258	EA	33" x 40", Two Operating Sashes, New Construction, Casement Fiberglass Window	3,012.40	63.65
		For Colored Vinyl, Add	*288.51*	
		For Tinted Glass, Add	*346.21*	
		For Low-E Insulated Glass, Add	*721.28*	
		For Obscure Glass, Add	*793.40*	
08 54 13 00-0259	EA	40" x 40", Two Operating Sashes, New Construction, Casement Fiberglass Window	3,113.20	67.82
		For Colored Vinyl, Add	*297.76*	
		For Tinted Glass, Add	*357.31*	
		For Low-E Insulated Glass, Add	*744.39*	
		For Obscure Glass, Add	*818.83*	
08 54 13 00-0260	EA	48" x 40", Two Operating Sashes, New Construction, Casement Fiberglass Window	3,215.23	72.58
		For Colored Vinyl, Add	*307.01*	
		For Tinted Glass, Add	*368.41*	
		For Low-E Insulated Glass, Add	*767.52*	
		For Obscure Glass, Add	*844.27*	
08 54 13 00-0261	EA	56" x 40", Two Operating Sashes, New Construction, Casement Fiberglass Window	3,321.91	77.34
		For Colored Vinyl, Add	*316.72*	
		For Tinted Glass, Add	*380.07*	
		For Low-E Insulated Glass, Add	*791.81*	
		For Obscure Glass, Add	*870.99*	
08 54 13 00-0262		48" Height, Two Operating Sashes, New Construction, Casement Fiberglass Windows *(08 54 13 00-0251)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 54 13 00-0263	EA	33" x 48", Two Operating Sashes, New Construction, Casement Fiberglass Window	3,189.75	68.41
		For Colored Vinyl, Add	*305.29*	
		For Tinted Glass, Add	*366.35*	
		For Low-E Insulated Glass, Add	*763.23*	
		For Obscure Glass, Add	*839.56*	
08 54 13 00-0264	EA	40" x 48", Two Operating Sashes, New Construction, Casement Fiberglass Window	3,295.56	72.58
		For Colored Vinyl, Add	*315.04*	
		For Tinted Glass, Add	*378.05*	
		For Low-E Insulated Glass, Add	*787.60*	
		For Obscure Glass, Add	*866.36*	
08 54 13 00-0265	EA	48" x 48", Two Operating Sashes, New Construction, Casement Fiberglass Window	3,402.76	77.34
		For Colored Vinyl, Add	*324.81*	
		For Tinted Glass, Add	*389.77*	
		For Low-E Insulated Glass, Add	*812.02*	
		For Obscure Glass, Add	*893.22*	
08 54 13 00-0266	EA	56" x 48", Two Operating Sashes, New Construction, Casement Fiberglass Window	3,521.23	82.09
		For Colored Vinyl, Add	*335.70*	
		For Tinted Glass, Add	*402.84*	
		For Low-E Insulated Glass, Add	*839.26*	
		For Obscure Glass, Add	*923.19*	

08 54 13 00-0267 52" Height, Two Operating Sashes, New Construction, Casement Fiberglass Windows *(08 54 13 00-0251)*

08 54 13 00-0268	EA	33" x 52", Two Operating Sashes, New Construction, Casement Fiberglass Window	3,361.89	70.79
		For Colored Vinyl, Add	*322.03*	
		For Tinted Glass, Add	*386.44*	
		For Low-E Insulated Glass, Add	*805.08*	
		For Obscure Glass, Add	*885.59*	
08 54 13 00-0269	EA	40" x 52", Two Operating Sashes, New Construction, Casement Fiberglass Window	3,474.55	74.95
		For Colored Vinyl, Add	*332.46*	
		For Tinted Glass, Add	*398.96*	
		For Low-E Insulated Glass, Add	*831.16*	
		For Obscure Glass, Add	*914.28*	
08 54 13 00-0270	EA	48" x 52", Two Operating Sashes, New Construction, Casement Fiberglass Window	3,588.33	79.72
		For Colored Vinyl, Add	*342.89*	
		For Tinted Glass, Add	*411.47*	
		For Low-E Insulated Glass, Add	*857.23*	
		For Obscure Glass, Add	*942.95*	
08 54 13 00-0271	EA	56" x 52", Two Operating Sashes, New Construction, Casement Fiberglass Window	3,709.15	84.48
		For Colored Vinyl, Add	*354.02*	
		For Tinted Glass, Add	*424.82*	
		For Low-E Insulated Glass, Add	*885.05*	
		For Obscure Glass, Add	*973.56*	

08 54 13 00-0272 60" Height, Two Operating Sashes, New Construction, Casement Fiberglass Windows *(08 54 13 00-0251)*

08 54 13 00-0273	EA	33" x 60", Two Operating Sashes, New Construction, Casement Fiberglass Window	3,537.66	74.95
		For Colored Vinyl, Add	*338.78*	
		For Tinted Glass, Add	*406.53*	
		For Low-E Insulated Glass, Add	*846.94*	
		For Obscure Glass, Add	*931.63*	
08 54 13 00-0274	EA	40" x 60", Two Operating Sashes, New Construction, Casement Fiberglass Window	3,657.03	79.72
		For Colored Vinyl, Add	*349.88*	
		For Tinted Glass, Add	*419.85*	
		For Low-E Insulated Glass, Add	*874.70*	
		For Obscure Glass, Add	*962.17*	
08 54 13 00-0275	EA	48" x 60", Two Operating Sashes, New Construction, Casement Fiberglass Window	3,777.45	84.48
		For Colored Vinyl, Add	*360.97*	
		For Tinted Glass, Add	*433.16*	
		For Low-E Insulated Glass, Add	*902.43*	
		For Obscure Glass, Add	*992.67*	
08 54 13 00-0276	EA	56" x 60", Two Operating Sashes, New Construction, Casement Fiberglass Window	3,900.50	88.64
		For Colored Vinyl, Add	*372.32*	
		For Tinted Glass, Add	*446.79*	
		For Low-E Insulated Glass, Add	*930.81*	
		For Obscure Glass, Add	*1,023.89*	

08 54 13 00-0277 64" Height, Two Operating Sashes, New Construction, Casement Fiberglass Windows *(08 54 13 00-0251)*

08 54 13 00-0278	EA	33" x 64", Two Operating Sashes, New Construction, Casement Fiberglass Window	3,716.47	77.93
		For Colored Vinyl, Add	*356.06*	
		For Tinted Glass, Add	*427.27*	
		For Low-E Insulated Glass, Add	*890.15*	
		For Obscure Glass, Add	*979.17*	
08 54 13 00-0279	EA	40" x 64", Two Operating Sashes, New Construction, Casement Fiberglass Window	3,835.84	82.09
		For Colored Vinyl, Add	*367.17*	
		For Tinted Glass, Add	*440.60*	
		For Low-E Insulated Glass, Add	*917.91*	
		For Obscure Glass, Add	*1,009.70*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 54 13 00-0280	EA	48" x 64", Two Operating Sashes, New Construction, Casement Fiberglass Window	3,955.73	86.85
		For Colored Vinyl, Add	*378.20*	
		For Tinted Glass, Add	*453.84*	
		For Low-E Insulated Glass, Add	*945.51*	
		For Obscure Glass, Add	*1,040.06*	
08 54 13 00-0281	EA	56" x 64", Two Operating Sashes, New Construction, Casement Fiberglass Window	4,079.29	91.61
		For Colored Vinyl, Add	*389.61*	
		For Tinted Glass, Add	*467.53*	
		For Low-E Insulated Glass, Add	*974.02*	
		For Obscure Glass, Add	*1,071.42*	
08 54 13 00-0282		72" Height, Two Operating Sashes, New Construction, Casement Fiberglass Windows *(08 54 13 00-0251)*		
08 54 13 00-0283	EA	33" x 72", Two Operating Sashes, New Construction, Casement Fiberglass Window	3,908.86	82.09
		For Colored Vinyl, Add	*374.47*	
		For Tinted Glass, Add	*449.36*	
		For Low-E Insulated Glass, Add	*936.17*	
		For Obscure Glass, Add	*1,029.78*	
08 54 13 00-0284	EA	40" x 72", Two Operating Sashes, New Construction, Casement Fiberglass Window	4,028.22	86.85
		For Colored Vinyl, Add	*385.57*	
		For Tinted Glass, Add	*462.69*	
		For Low-E Insulated Glass, Add	*963.93*	
		For Obscure Glass, Add	*1,060.32*	
08 54 13 00-0285	EA	48" x 72", Two Operating Sashes, New Construction, Casement Fiberglass Window	4,148.79	91.61
		For Colored Vinyl, Add	*396.68*	
		For Tinted Glass, Add	*476.01*	
		For Low-E Insulated Glass, Add	*991.69*	
		For Obscure Glass, Add	*1,090.86*	
08 54 13 00-0286	EA	56" x 72", Two Operating Sashes, New Construction, Casement Fiberglass Window	4,271.83	95.78
		For Colored Vinyl, Add	*408.03*	
		For Tinted Glass, Add	*489.63*	
		For Low-E Insulated Glass, Add	*1,020.07*	
		For Obscure Glass, Add	*1,122.07*	
08 54 13 00-0287		Three Operating Sashes, New Construction, Casement Fiberglass Windows *(08 54 13 00-0204)*		
08 54 13 00-0288		36" Height, Three Operating Sashes, New Construction, Casement Fiberglass Windows *(08 54 13 00-0287)*		
08 54 13 00-0289	EA	62" x 36", Three Operating Sashes, New Construction, Casement Fiberglass Window	3,495.41	77.34
		For Colored Vinyl, Add	*334.07*	
		For Tinted Glass, Add	*400.89*	
		For Low-E Insulated Glass, Add	*835.19*	
		For Obscure Glass, Add	*918.70*	
08 54 13 00-0290	EA	72" x 36", Three Operating Sashes, New Construction, Casement Fiberglass Window	3,648.02	83.29
		For Colored Vinyl, Add	*348.15*	
		For Tinted Glass, Add	*417.77*	
		For Low-E Insulated Glass, Add	*870.36*	
		For Obscure Glass, Add	*957.40*	
08 54 13 00-0291	EA	86" x 36", Three Operating Sashes, New Construction, Casement Fiberglass Window	3,930.65	92.21
		For Colored Vinyl, Add	*374.62*	
		For Tinted Glass, Add	*449.55*	
		For Low-E Insulated Glass, Add	*936.56*	
		For Obscure Glass, Add	*1,030.22*	
08 54 13 00-0292		40" Height, Three Operating Sashes, New Construction, Casement Fiberglass Windows *(08 54 13 00-0287)*		
08 54 13 00-0293	EA	62" x 40", Three Operating Sashes, New Construction, Casement Fiberglass Window	3,736.09	80.90
		For Colored Vinyl, Add	*357.55*	
		For Tinted Glass, Add	*429.06*	
		For Low-E Insulated Glass, Add	*893.87*	
		For Obscure Glass, Add	*983.25*	
08 54 13 00-0294	EA	72" x 40", Three Operating Sashes, New Construction, Casement Fiberglass Window	3,890.12	86.26
		For Colored Vinyl, Add	*371.76*	
		For Tinted Glass, Add	*446.11*	
		For Low-E Insulated Glass, Add	*929.40*	
		For Obscure Glass, Add	*1,022.34*	
08 54 13 00-0295	EA	86" x 40", Three Operating Sashes, New Construction, Casement Fiberglass Window	4,191.74	95.19
		For Colored Vinyl, Add	*400.14*	
		For Tinted Glass, Add	*480.17*	
		For Low-E Insulated Glass, Add	*1,000.35*	
		For Obscure Glass, Add	*1,100.38*	
08 54 13 00-0296		48" Height, Three Operating Sashes, New Construction, Casement Fiberglass Windows *(08 54 13 00-0287)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 54 13 00-0297	EA	62" x 48", Three Operating Sashes, New Construction, Casement Fiberglass Window	3,947.89	85.66
		For Colored Vinyl, Add	*377.66*	
		For Tinted Glass, Add	*453.19*	
		For Low-E Insulated Glass, Add	*944.14*	
		For Obscure Glass, Add	*1,038.55*	
08 54 13 00-0298	EA	72" x 48", Three Operating Sashes, New Construction, Casement Fiberglass Window	4,139.21	91.02
		For Colored Vinyl, Add	*395.72*	
		For Tinted Glass, Add	*474.86*	
		For Low-E Insulated Glass, Add	*989.29*	
		For Obscure Glass, Add	*1,088.22*	
08 54 13 00-0299	EA	86" x 48", Three Operating Sashes, New Construction, Casement Fiberglass Window	4,457.11	99.95
		For Colored Vinyl, Add	*425.72*	
		For Tinted Glass, Add	*510.87*	
		For Low-E Insulated Glass, Add	*1,064.31*	
		For Obscure Glass, Add	*1,170.74*	
08 54 13 00-0300		52" Height, Three Operating Sashes, New Construction, Casement Fiberglass Windows *(08 54 13 00-0287)*		
08 54 13 00-0301	EA	62" x 52", Three Operating Sashes, New Construction, Casement Fiberglass Window	4,179.29	88.04
		For Colored Vinyl, Add	*400.32*	
		For Tinted Glass, Add	*480.38*	
		For Low-E Insulated Glass, Add	*1,000.80*	
		For Obscure Glass, Add	*1,100.88*	
08 54 13 00-0302	EA	72" x 52", Three Operating Sashes, New Construction, Casement Fiberglass Window	4,381.64	93.99
		For Colored Vinyl, Add	*419.37*	
		For Tinted Glass, Add	*503.24*	
		For Low-E Insulated Glass, Add	*1,048.42*	
		For Obscure Glass, Add	*1,153.26*	
08 54 13 00-0303	EA	86" x 52", Three Operating Sashes, New Construction, Casement Fiberglass Window	4,755.29	102.32
		For Colored Vinyl, Add	*455.07*	
		For Tinted Glass, Add	*546.08*	
		For Low-E Insulated Glass, Add	*1,137.66*	
		For Obscure Glass, Add	*1,251.43*	
08 54 13 00-0304		60" Height, Three Operating Sashes, New Construction, Casement Fiberglass Windows *(08 54 13 00-0287)*		
08 54 13 00-0305	EA	62" x 60", Three Operating Sashes, New Construction, Casement Fiberglass Window	4,414.13	92.21
		For Colored Vinyl, Add	*422.97*	
		For Tinted Glass, Add	*507.57*	
		For Low-E Insulated Glass, Add	*1,057.43*	
		For Obscure Glass, Add	*1,163.17*	
08 54 13 00-0306	EA	72" x 60", Three Operating Sashes, New Construction, Casement Fiberglass Window	4,626.40	98.15
		For Colored Vinyl, Add	*443.01*	
		For Tinted Glass, Add	*531.61*	
		For Low-E Insulated Glass, Add	*1,107.52*	
		For Obscure Glass, Add	*1,218.27*	
08 54 13 00-0307	EA	86" x 60", Three Operating Sashes, New Construction, Casement Fiberglass Window	5,057.03	106.49
		For Colored Vinyl, Add	*484.41*	
		For Tinted Glass, Add	*581.29*	
		For Low-E Insulated Glass, Add	*1,211.02*	
		For Obscure Glass, Add	*1,332.12*	
08 54 13 00-0308		64" Height, Three Operating Sashes, New Construction, Casement Fiberglass Windows *(08 54 13 00-0287)*		
08 54 13 00-0309	EA	62" x 64", Three Operating Sashes, New Construction, Casement Fiberglass Window	4,676.00	95.19
		For Colored Vinyl, Add	*448.56*	
		For Tinted Glass, Add	*538.28*	
		For Low-E Insulated Glass, Add	*1,121.41*	
		For Obscure Glass, Add	*1,233.55*	
08 54 13 00-0310	EA	72" x 64", Three Operating Sashes, New Construction, Casement Fiberglass Window	4,888.14	101.13
		For Colored Vinyl, Add	*468.59*	
		For Tinted Glass, Add	*562.31*	
		For Low-E Insulated Glass, Add	*1,171.47*	
		For Obscure Glass, Add	*1,288.62*	
08 54 13 00-0311	EA	86" x 64", Three Operating Sashes, New Construction, Casement Fiberglass Window	5,318.76	109.46
		For Colored Vinyl, Add	*509.99*	
		For Tinted Glass, Add	*611.98*	
		For Low-E Insulated Glass, Add	*1,274.96*	
		For Obscure Glass, Add	*1,402.46*	
08 54 13 00-0312		72" Height, Three Operating Sashes, New Construction, Casement Fiberglass Windows *(08 54 13 00-0287)*		
08 54 13 00-0313	EA	62" x 72", Three Operating Sashes, New Construction, Casement Fiberglass Window	4,940.84	99.34
		For Colored Vinyl, Add	*474.22*	
		For Tinted Glass, Add	*569.06*	
		For Low-E Insulated Glass, Add	*1,185.54*	
		For Obscure Glass, Add	*1,304.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 54 13 00-0314	EA	72" x 72", Three Operating Sashes, New Construction, Casement Fiberglass Window	5,152.91	105.29
		For Colored Vinyl, Add	*494.23*	
		For Tinted Glass, Add	*593.08*	
		For Low-E Insulated Glass, Add	*1,235.58*	
		For Obscure Glass, Add	*1,359.14*	
08 54 13 00-0315	EA	86" x 72", Three Operating Sashes, New Construction, Casement Fiberglass Window	5,583.55	113.62
		For Colored Vinyl, Add	*535.63*	
		For Tinted Glass, Add	*642.76*	
		For Low-E Insulated Glass, Add	*1,339.08*	
		For Obscure Glass, Add	*1,472.98*	

08 54 13 00-0316 Replacement, Casement Fiberglass Windows *(08 54 13 00-0203)*

Note: Includes white solid fiberglass interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles. Pricing calculated by the United Inch (the combined inches of one width and one height).

08 54 13 00-0317 One Operating Sash, Replacement, Casement Fiberglass Windows *(08 54 13 00-0316)*

08 54 13 00-0318	EA	Up To 53" UI, One Operating Sash, Replacement, Casement Fiberglass Window	1,756.96	50.57
		For Colored Vinyl, Add	*165.58*	
		For Tinted Glass, Add	*198.70*	
		For Low-E Insulated Glass, Add	*413.96*	
		For Obscure Glass, Add	*455.35*	
08 54 13 00-0319	EA	>53 To 63" UI, One Operating Sash, Replacement, Casement Fiberglass Window	1,999.29	56.52
		For Colored Vinyl, Add	*188.63*	
		For Tinted Glass, Add	*226.35*	
		For Low-E Insulated Glass, Add	*471.57*	
		For Obscure Glass, Add	*518.72*	
08 54 13 00-0320	EA	>63 To 73" UI, One Operating Sash, Replacement, Casement Fiberglass Window	2,215.60	62.46
		For Colored Vinyl, Add	*209.07*	
		For Tinted Glass, Add	*250.88*	
		For Low-E Insulated Glass, Add	*522.67*	
		For Obscure Glass, Add	*574.93*	
08 54 13 00-0321	EA	>73" To 83" UI, One Operating Sash, Replacement, Casement Fiberglass Window	2,405.82	68.41
		For Colored Vinyl, Add	*226.90*	
		For Tinted Glass, Add	*272.28*	
		For Low-E Insulated Glass, Add	*567.25*	
		For Obscure Glass, Add	*623.98*	
08 54 13 00-0322	EA	>83" To 93" UI, One Operating Sash, Replacement, Casement Fiberglass Window	2,570.03	74.36
		For Colored Vinyl, Add	*242.13*	
		For Tinted Glass, Add	*290.56*	
		For Low-E Insulated Glass, Add	*605.33*	
		For Obscure Glass, Add	*665.86*	
08 54 13 00-0323	EA	>93" To 101" UI, One Operating Sash, Replacement, Casement Fiberglass Window	2,658.74	80.31
		For Colored Vinyl, Add	*249.81*	
		For Tinted Glass, Add	*299.77*	
		For Low-E Insulated Glass, Add	*624.53*	
		For Obscure Glass, Add	*686.98*	
08 54 13 00-0324	UI	>101" UI, One Operating Sash, Replacement, Casement Fiberglass Window	26.26	0.77
		For Colored Vinyl, Add	*2.47*	
		For Tinted Glass, Add	*2.97*	
		For Low-E Insulated Glass, Add	*6.18*	
		For Obscure Glass, Add	*6.80*	

08 54 13 00-0325 Two Operating Sashes, Replacement, Casement Fiberglass Windows *(08 54 13 00-0316)*

08 54 13 00-0326	EA	Up To 73" UI, Two Operating Sashes, Replacement, Casement Fiberglass Window	3,023.33	62.46
		For Colored Vinyl, Add	*289.84*	
		For Tinted Glass, Add	*347.81*	
		For Low-E Insulated Glass, Add	*724.60*	
		For Obscure Glass, Add	*797.06*	
08 54 13 00-0327	EA	>73" To 83" UI, Two Operating Sashes, Replacement, Casement Fiberglass Window	3,324.20	68.41
		For Colored Vinyl, Add	*318.74*	
		For Tinted Glass, Add	*382.49*	
		For Low-E Insulated Glass, Add	*796.85*	
		For Obscure Glass, Add	*876.53*	
08 54 13 00-0328	EA	>83" To 93" UI, Two Operating Sashes, Replacement, Casement Fiberglass Window	3,599.07	74.36
		For Colored Vinyl, Add	*345.04*	
		For Tinted Glass, Add	*414.04*	
		For Low-E Insulated Glass, Add	*862.59*	
		For Obscure Glass, Add	*948.85*	
08 54 13 00-0329	EA	>93" To 101" UI, Two Operating Sashes, Replacement, Casement Fiberglass Window	3,776.32	80.31
		For Colored Vinyl, Add	*361.57*	
		For Tinted Glass, Add	*433.88*	
		For Low-E Insulated Glass, Add	*903.93*	
		For Obscure Glass, Add	*994.32*	
08 54 13 00-0330	EA	>101" To 110" UI, Two Operating Sashes, Replacement, Casement Fiberglass Window	3,967.19	86.26
		For Colored Vinyl, Add	*379.47*	
		For Tinted Glass, Add	*455.36*	
		For Low-E Insulated Glass, Add	*948.67*	
		For Obscure Glass, Add	*1,043.54*	
08 54 13 00-0331	EA	>110" To 120" UI, Two Operating Sashes, Replacement, Casement Fiberglass Window	4,167.86	92.21
		For Colored Vinyl, Add	*398.35*	
		For Tinted Glass, Add	*478.01*	
		For Low-E Insulated Glass, Add	*995.86*	
		For Obscure Glass, Add	*1,095.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 54 13 00-0332	UI	>120" UI, Two Operating Sashes, Replacement, Casement Fiberglass Window	34.74	0.77
		For Colored Vinyl, Add	*3.32*	
		For Tinted Glass, Add	*3.98*	
		For Low-E Insulated Glass, Add	*8.30*	
		For Obscure Glass, Add	*9.13*	

08 54 13 00-0333 Three Operating Sashes, Replacement, Casement Fiberglass Windows *(08 54 13 00-0316)*

08 54 13 00-0334	EA	Up To 73" UI, Three Operating Sashes, Replacement, Casement Fiberglass Window	3,165.87	62.46
		For Colored Vinyl, Add	*304.09*	
		For Tinted Glass, Add	*364.91*	
		For Low-E Insulated Glass, Add	*760.24*	
		For Obscure Glass, Add	*836.26*	
08 54 13 00-0335	EA	>73" To 83" UI, Three Operating Sashes, Replacement, Casement Fiberglass Window	3,482.39	68.41
		For Colored Vinyl, Add	*334.56*	
		For Tinted Glass, Add	*401.47*	
		For Low-E Insulated Glass, Add	*836.39*	
		For Obscure Glass, Add	*920.03*	
08 54 13 00-0336	EA	>83" To 93" UI, Three Operating Sashes, Replacement, Casement Fiberglass Window	3,780.66	74.36
		For Colored Vinyl, Add	*363.19*	
		For Tinted Glass, Add	*435.83*	
		For Low-E Insulated Glass, Add	*907.99*	
		For Obscure Glass, Add	*998.78*	
08 54 13 00-0337	EA	>93" To 101" UI, Three Operating Sashes, Replacement, Casement Fiberglass Window	3,973.50	80.31
		For Colored Vinyl, Add	*381.29*	
		For Tinted Glass, Add	*457.55*	
		For Low-E Insulated Glass, Add	*953.22*	
		For Obscure Glass, Add	*1,048.54*	
08 54 13 00-0338	EA	>101" To 110" UI, Three Operating Sashes, Replacement, Casement Fiberglass Window	4,181.97	86.26
		For Colored Vinyl, Add	*400.95*	
		For Tinted Glass, Add	*481.14*	
		For Low-E Insulated Glass, Add	*1,002.37*	
		For Obscure Glass, Add	*1,102.60*	
08 54 13 00-0339	EA	>110" To 120" UI, Three Operating Sashes, Replacement, Casement Fiberglass Window	4,402.20	92.21
		For Colored Vinyl, Add	*421.78*	
		For Tinted Glass, Add	*506.13*	
		For Low-E Insulated Glass, Add	*1,054.45*	
		For Obscure Glass, Add	*1,159.89*	
08 54 13 00-0340	UI	>120" UI, Three Operating Sashes, Replacement, Casement Fiberglass Window	36.69	0.77
		For Colored Vinyl, Add	*3.51*	
		For Tinted Glass, Add	*4.22*	
		For Low-E Insulated Glass, Add	*8.79*	
		For Obscure Glass, Add	*9.66*	

08 54 13 00-0341 Awning Fiberglass Windows *(08 54 13)*

08 54 13 00-0342 New Construction, Awning Fiberglass Windows *(08 54 13 00-0341)*

Note: Includes white solid fiberglass interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles.

08 54 13 00-0343 Venting, New Construction, Awning Fiberglass Windows *(08 54 13 00-0342)*

08 54 13 00-0344 17" Height, Venting, New Construction, Awning Fiberglass Windows *(08 54 13 00-0343)*

08 54 13 00-0345	EA	24" x 17", Venting, New Construction, Awning Fiberglass Window	1,779.08	48.79
		For Colored Vinyl, Add	*168.15*	
		For Tinted Glass, Add	*201.78*	
		For Low-E Insulated Glass, Add	*420.38*	
		For Obscure Glass, Add	*462.42*	
08 54 13 00-0346	EA	28" x 17", Venting, New Construction, Awning Fiberglass Window	1,861.95	51.16
		For Colored Vinyl, Add	*175.96*	
		For Tinted Glass, Add	*211.16*	
		For Low-E Insulated Glass, Add	*439.91*	
		For Obscure Glass, Add	*483.90*	
08 54 13 00-0347	EA	36" x 17", Venting, New Construction, Awning Fiberglass Window	1,987.45	55.33
		For Colored Vinyl, Add	*187.68*	
		For Tinted Glass, Add	*225.22*	
		For Low-E Insulated Glass, Add	*469.20*	
		For Obscure Glass, Add	*516.12*	
08 54 13 00-0348	EA	40" x 17", Venting, New Construction, Awning Fiberglass Window	2,067.07	58.30
		For Colored Vinyl, Add	*195.05*	
		For Tinted Glass, Add	*234.06*	
		For Low-E Insulated Glass, Add	*487.62*	
		For Obscure Glass, Add	*536.38*	
08 54 13 00-0349	EA	48" x 17", Venting, New Construction, Awning Fiberglass Window	2,198.14	63.06
		For Colored Vinyl, Add	*207.20*	
		For Tinted Glass, Add	*248.64*	
		For Low-E Insulated Glass, Add	*518.01*	
		For Obscure Glass, Add	*569.81*	

08 54 13 00-0350 20" Height, Venting, New Construction, Awning Fiberglass Windows *(08 54 13 00-0343)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 54 13 00-0351	EA	24" x 20", Venting, New Construction, Awning Fiberglass Window	1,880.26	51.16
		For Colored Vinyl, Add	*177.91*	
		For Tinted Glass, Add	*213.50*	
		For Low-E Insulated Glass, Add	*444.78*	
		For Obscure Glass, Add	*489.26*	
08 54 13 00-0352	EA	28" x 20", Venting, New Construction, Awning Fiberglass Window	1,963.13	53.54
		For Colored Vinyl, Add	*185.72*	
		For Tinted Glass, Add	*222.87*	
		For Low-E Insulated Glass, Add	*464.31*	
		For Obscure Glass, Add	*510.74*	
08 54 13 00-0353	EA	36" x 20", Venting, New Construction, Awning Fiberglass Window	2,099.46	57.11
		For Colored Vinyl, Add	*198.52*	
		For Tinted Glass, Add	*238.23*	
		For Low-E Insulated Glass, Add	*496.31*	
		For Obscure Glass, Add	*545.94*	
08 54 13 00-0354	EA	40" x 20", Venting, New Construction, Awning Fiberglass Window	2,179.22	60.68
		For Colored Vinyl, Add	*205.91*	
		For Tinted Glass, Add	*247.09*	
		For Low-E Insulated Glass, Add	*514.76*	
		For Obscure Glass, Add	*566.24*	
08 54 13 00-0355	EA	48" x 20", Venting, New Construction, Awning Fiberglass Window	2,320.97	64.84
		For Colored Vinyl, Add	*219.13*	
		For Tinted Glass, Add	*262.95*	
		For Low-E Insulated Glass, Add	*547.82*	
		For Obscure Glass, Add	*602.60*	
08 54 13 00-0356		24" Height, Venting, New Construction, Awning Fiberglass Windows *(08 54 13 00-0343)*		
08 54 13 00-0357	EA	24" x 24", Venting, New Construction, Awning Fiberglass Window	1,939.20	53.54
		For Colored Vinyl, Add	*183.33*	
		For Tinted Glass, Add	*220.00*	
		For Low-E Insulated Glass, Add	*458.33*	
		For Obscure Glass, Add	*504.16*	
08 54 13 00-0358	EA	28" x 24", Venting, New Construction, Awning Fiberglass Window	2,022.08	55.92
		For Colored Vinyl, Add	*191.14*	
		For Tinted Glass, Add	*229.37*	
		For Low-E Insulated Glass, Add	*477.86*	
		For Obscure Glass, Add	*525.64*	
08 54 13 00-0359	EA	36" x 24", Venting, New Construction, Awning Fiberglass Window	2,163.81	59.48
		For Colored Vinyl, Add	*204.48*	
		For Tinted Glass, Add	*245.38*	
		For Low-E Insulated Glass, Add	*511.21*	
		For Obscure Glass, Add	*562.33*	
08 54 13 00-0360	EA	40" x 24", Venting, New Construction, Awning Fiberglass Window	2,252.31	63.06
		For Colored Vinyl, Add	*212.74*	
		For Tinted Glass, Add	*255.29*	
		For Low-E Insulated Glass, Add	*531.85*	
		For Obscure Glass, Add	*585.03*	
08 54 13 00-0361	EA	48" x 24", Venting, New Construction, Awning Fiberglass Window	2,396.28	67.22
		For Colored Vinyl, Add	*226.18*	
		For Tinted Glass, Add	*271.42*	
		For Low-E Insulated Glass, Add	*565.46*	
		For Obscure Glass, Add	*622.00*	
08 54 13 00-0362		28" Height, Venting, New Construction, Awning Fiberglass Windows *(08 54 13 00-0343)*		
08 54 13 00-0363	EA	24" x 28", Venting, New Construction, Awning Fiberglass Window	1,998.21	55.92
		For Colored Vinyl, Add	*188.76*	
		For Tinted Glass, Add	*226.51*	
		For Low-E Insulated Glass, Add	*471.89*	
		For Obscure Glass, Add	*519.08*	
08 54 13 00-0364	EA	28" x 28", Venting, New Construction, Awning Fiberglass Window	2,081.08	58.30
		For Colored Vinyl, Add	*196.57*	
		For Tinted Glass, Add	*235.88*	
		For Low-E Insulated Glass, Add	*491.42*	
		For Obscure Glass, Add	*540.56*	
08 54 13 00-0365	EA	36" x 28", Venting, New Construction, Awning Fiberglass Window	2,228.30	61.87
		For Colored Vinyl, Add	*210.46*	
		For Tinted Glass, Add	*252.55*	
		For Low-E Insulated Glass, Add	*526.14*	
		For Obscure Glass, Add	*578.75*	
08 54 13 00-0366	EA	40" x 28", Venting, New Construction, Awning Fiberglass Window	2,324.88	65.43
		For Colored Vinyl, Add	*219.52*	
		For Tinted Glass, Add	*263.42*	
		For Low-E Insulated Glass, Add	*548.80*	
		For Obscure Glass, Add	*603.68*	
08 54 13 00-0367	EA	48" x 28", Venting, New Construction, Awning Fiberglass Window	2,471.58	69.60
		For Colored Vinyl, Add	*233.24*	
		For Tinted Glass, Add	*279.89*	
		For Low-E Insulated Glass, Add	*583.10*	
		For Obscure Glass, Add	*641.40*	
08 54 13 00-0368		36" Height, Venting, New Construction, Awning Fiberglass Windows *(08 54 13 00-0343)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 54 13 00-0369	EA	36" x 36", Venting, New Construction, Awning Fiberglass Window	2,355.87	66.04
		For Colored Vinyl, Add	*222.38*	
		For Tinted Glass, Add	*266.86*	
		For Low-E Insulated Glass, Add	*555.95*	
		For Obscure Glass, Add	*611.55*	
08 54 13 00-0370	EA	40" x 36", Venting, New Construction, Awning Fiberglass Window	2,452.59	69.01
		For Colored Vinyl, Add	*231.46*	
		For Tinted Glass, Add	*277.75*	
		For Low-E Insulated Glass, Add	*578.65*	
		For Obscure Glass, Add	*636.51*	
08 54 13 00-0371	EA	48" x 36", Venting, New Construction, Awning Fiberglass Window	2,610.12	73.77
		For Colored Vinyl, Add	*246.26*	
		For Tinted Glass, Add	*295.51*	
		For Low-E Insulated Glass, Add	*615.65*	
		For Obscure Glass, Add	*677.21*	

08 54 13 00-0372 Replacement, Awning Fiberglass Windows *(08 54 13 00-0341)*

Note: Includes white solid fiberglass interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles. Pricing calculated by the United Inch (the combined inches of one width and one height).

08 54 13 00-0373	EA	Up To 53" UI, Replacement, Awning Fiberglass Window	1,860.50	50.57
		For Colored Vinyl, Add	*175.94*	
		For Tinted Glass, Add	*211.12*	
		For Low-E Insulated Glass, Add	*439.84*	
		For Obscure Glass, Add	*483.83*	
08 54 13 00-0374	EA	>53" To 63" UI, Replacement, Awning Fiberglass Window	2,163.34	56.52
		For Colored Vinyl, Add	*205.03*	
		For Tinted Glass, Add	*246.04*	
		For Low-E Insulated Glass, Add	*512.58*	
		For Obscure Glass, Add	*563.84*	
08 54 13 00-0375	EA	>63" To 73" UI, Replacement, Awning Fiberglass Window	2,453.13	62.46
		For Colored Vinyl, Add	*232.82*	
		For Tinted Glass, Add	*279.38*	
		For Low-E Insulated Glass, Add	*582.05*	
		For Obscure Glass, Add	*640.26*	
08 54 13 00-0376	EA	>73" To 83" UI, Replacement, Awning Fiberglass Window	2,729.94	68.41
		For Colored Vinyl, Add	*259.31*	
		For Tinted Glass, Add	*311.17*	
		For Low-E Insulated Glass, Add	*648.28*	
		For Obscure Glass, Add	*713.11*	
08 54 13 00-0377	EA	>83" To 93" UI, Replacement, Awning Fiberglass Window	2,993.79	74.36
		For Colored Vinyl, Add	*284.51*	
		For Tinted Glass, Add	*341.41*	
		For Low-E Insulated Glass, Add	*711.27*	
		For Obscure Glass, Add	*782.39*	
08 54 13 00-0378	EA	>93" To 101" UI, Replacement, Awning Fiberglass Window	3,118.88	80.31
		For Colored Vinyl, Add	*295.83*	
		For Tinted Glass, Add	*354.99*	
		For Low-E Insulated Glass, Add	*739.57*	
		For Obscure Glass, Add	*813.52*	
08 54 13 00-0379	UI	>101" UI, Replacement, Awning Fiberglass Window	30.83	0.77
		For Colored Vinyl, Add	*2.93*	
		For Tinted Glass, Add	*3.51*	
		For Low-E Insulated Glass, Add	*7.32*	
		For Obscure Glass, Add	*8.05*	

08 54 13 00-0380 Horizontal Sliding Fiberglass Windows *(08 54 13)*

08 54 13 00-0381 New Construction, Horizontal Sliding Fiberglass Windows *(08 54 13 00-0380)*

Note: Includes white solid fiberglass interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles.

08 54 13 00-0382 20" Height, New Construction, Horizontal Sliding Fiberglass Windows *(08 54 13 00-0381)*

08 54 13 00-0383	EA	36" x 20", New Construction, Horizontal Sliding Fiberglass Window	901.30	58.30
		For Colored Vinyl, Add	*78.59*	
		For Tinted Glass, Add	*94.31*	
		For Low-E Insulated Glass, Add	*196.47*	
		For Obscure Glass, Add	*216.12*	
08 54 13 00-0384	EA	48" x 20", New Construction, Horizontal Sliding Fiberglass Window	992.65	65.43
		For Colored Vinyl, Add	*86.30*	
		For Tinted Glass, Add	*103.56*	
		For Low-E Insulated Glass, Add	*215.74*	
		For Obscure Glass, Add	*237.31*	
08 54 13 00-0385	EA	54" x 20", New Construction, Horizontal Sliding Fiberglass Window	1,038.32	68.41
		For Colored Vinyl, Add	*90.15*	
		For Tinted Glass, Add	*108.18*	
		For Low-E Insulated Glass, Add	*225.38*	
		For Obscure Glass, Add	*247.91*	
08 54 13 00-0386	EA	60" x 20", New Construction, Horizontal Sliding Fiberglass Window	1,083.99	71.99
		For Colored Vinyl, Add	*94.00*	
		For Tinted Glass, Add	*112.80*	
		For Low-E Insulated Glass, Add	*235.01*	
		For Obscure Glass, Add	*258.51*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 54 13 00-0387	EA	64" x 20", New Construction, Horizontal Sliding Fiberglass Window	1,114.38	74.95
		For Colored Vinyl, Add	*96.57*	
		For Tinted Glass, Add	*115.88*	
		For Low-E Insulated Glass, Add	*241.42*	
		For Obscure Glass, Add	*265.56*	
08 54 13 00-0388	EA	72" x 20", New Construction, Horizontal Sliding Fiberglass Window	1,175.34	79.12
		For Colored Vinyl, Add	*101.71*	
		For Tinted Glass, Add	*122.05*	
		For Low-E Insulated Glass, Add	*254.28*	
		For Obscure Glass, Add	*279.70*	
08 54 13 00-0389		24" Height, New Construction, Horizontal Sliding Fiberglass Windows *(08 54 13 00-0381)*		
08 54 13 00-0390	EA	36" x 24", New Construction, Horizontal Sliding Fiberglass Window	949.42	60.68
		For Colored Vinyl, Add	*82.93*	
		For Tinted Glass, Add	*99.51*	
		For Low-E Insulated Glass, Add	*207.31*	
		For Obscure Glass, Add	*228.04*	
08 54 13 00-0391	EA	48" x 24", New Construction, Horizontal Sliding Fiberglass Window	1,044.29	67.82
		For Colored Vinyl, Add	*90.98*	
		For Tinted Glass, Add	*109.18*	
		For Low-E Insulated Glass, Add	*227.46*	
		For Obscure Glass, Add	*250.21*	
08 54 13 00-0392	EA	54" x 24", New Construction, Horizontal Sliding Fiberglass Window	1,092.11	70.79
		For Colored Vinyl, Add	*95.05*	
		For Tinted Glass, Add	*114.06*	
		For Low-E Insulated Glass, Add	*237.63*	
		For Obscure Glass, Add	*261.40*	
08 54 13 00-0393	EA	60" x 24", New Construction, Horizontal Sliding Fiberglass Window	1,139.22	74.36
		For Colored Vinyl, Add	*99.05*	
		For Tinted Glass, Add	*118.86*	
		For Low-E Insulated Glass, Add	*247.63*	
		For Obscure Glass, Add	*272.39*	
08 54 13 00-0394	EA	64" x 24", New Construction, Horizontal Sliding Fiberglass Window	1,170.84	77.34
		For Colored Vinyl, Add	*101.74*	
		For Tinted Glass, Add	*122.08*	
		For Low-E Insulated Glass, Add	*254.34*	
		For Obscure Glass, Add	*279.77*	
08 54 13 00-0395	EA	72" x 24", New Construction, Horizontal Sliding Fiberglass Window	1,234.09	81.50
		For Colored Vinyl, Add	*107.11*	
		For Tinted Glass, Add	*128.53*	
		For Low-E Insulated Glass, Add	*267.77*	
		For Obscure Glass, Add	*294.55*	
08 54 13 00-0396		36" Height, New Construction, Horizontal Sliding Fiberglass Windows *(08 54 13 00-0381)*		
08 54 13 00-0397	EA	36" x 36", New Construction, Horizontal Sliding Fiberglass Window	1,094.89	67.82
		For Colored Vinyl, Add	*96.04*	
		For Tinted Glass, Add	*115.25*	
		For Low-E Insulated Glass, Add	*240.11*	
		For Obscure Glass, Add	*264.12*	
08 54 13 00-0398	EA	48" x 36", New Construction, Horizontal Sliding Fiberglass Window	1,201.10	74.95
		For Colored Vinyl, Add	*105.24*	
		For Tinted Glass, Add	*126.29*	
		For Low-E Insulated Glass, Add	*263.10*	
		For Obscure Glass, Add	*289.40*	
08 54 13 00-0399	EA	54" x 36", New Construction, Horizontal Sliding Fiberglass Window	1,254.27	77.93
		For Colored Vinyl, Add	*109.84*	
		For Tinted Glass, Add	*131.81*	
		For Low-E Insulated Glass, Add	*274.60*	
		For Obscure Glass, Add	*302.06*	
08 54 13 00-0400	EA	60" x 36", New Construction, Horizontal Sliding Fiberglass Window	1,307.38	81.50
		For Colored Vinyl, Add	*114.44*	
		For Tinted Glass, Add	*137.33*	
		For Low-E Insulated Glass, Add	*286.10*	
		For Obscure Glass, Add	*314.70*	
08 54 13 00-0401	EA	64" x 36", New Construction, Horizontal Sliding Fiberglass Window	1,342.84	83.29
		For Colored Vinyl, Add	*117.51*	
		For Tinted Glass, Add	*141.01*	
		For Low-E Insulated Glass, Add	*293.77*	
		For Obscure Glass, Add	*323.15*	
08 54 13 00-0402	EA	72" x 36", New Construction, Horizontal Sliding Fiberglass Window	1,413.72	88.64
		For Colored Vinyl, Add	*123.64*	
		For Tinted Glass, Add	*148.37*	
		For Low-E Insulated Glass, Add	*309.11*	
		For Obscure Glass, Add	*340.02*	
08 54 13 00-0403		42" Height, New Construction, Horizontal Sliding Fiberglass Windows *(08 54 13 00-0381)*		
08 54 13 00-0404	EA	36" x 42", New Construction, Horizontal Sliding Fiberglass Window	1,167.61	71.38
		For Colored Vinyl, Add	*102.60*	
		For Tinted Glass, Add	*123.12*	
		For Low-E Insulated Glass, Add	*256.51*	
		For Obscure Glass, Add	*282.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 54 13 00-0405	EA	48" x 42", New Construction, Horizontal Sliding Fiberglass Window	1,279.57	78.53
		For Colored Vinyl, Add	*112.37*	
		For Tinted Glass, Add	*134.85*	
		For Low-E Insulated Glass, Add	*280.93*	
		For Obscure Glass, Add	*309.02*	
08 54 13 00-0406	EA	54" x 42", New Construction, Horizontal Sliding Fiberglass Window	1,335.61	81.50
		For Colored Vinyl, Add	*117.26*	
		For Tinted Glass, Add	*140.71*	
		For Low-E Insulated Glass, Add	*293.15*	
		For Obscure Glass, Add	*322.47*	
08 54 13 00-0407	EA	60" x 42", New Construction, Horizontal Sliding Fiberglass Window	1,391.59	85.07
		For Colored Vinyl, Add	*122.15*	
		For Tinted Glass, Add	*146.57*	
		For Low-E Insulated Glass, Add	*305.36*	
		For Obscure Glass, Add	*335.90*	
08 54 13 00-0408	EA	64" x 42", New Construction, Horizontal Sliding Fiberglass Window	1,428.75	88.04
		For Colored Vinyl, Add	*125.39*	
		For Tinted Glass, Add	*150.46*	
		For Low-E Insulated Glass, Add	*313.46*	
		For Obscure Glass, Add	*344.81*	
08 54 13 00-0409	EA	72" x 42", New Construction, Horizontal Sliding Fiberglass Window	1,503.53	92.21
		For Colored Vinyl, Add	*131.91*	
		For Tinted Glass, Add	*158.29*	
		For Low-E Insulated Glass, Add	*329.78*	
		For Obscure Glass, Add	*362.76*	
08 54 13 00-0410		44" Height, New Construction, Horizontal Sliding Fiberglass Windows *(08 54 13 00-0381)*		
08 54 13 00-0411	EA	36" x 44", New Construction, Horizontal Sliding Fiberglass Window	1,191.90	72.58
		For Colored Vinyl, Add	*104.79*	
		For Tinted Glass, Add	*125.75*	
		For Low-E Insulated Glass, Add	*261.99*	
		For Obscure Glass, Add	*288.18*	
08 54 13 00-0412	EA	48" x 44", New Construction, Horizontal Sliding Fiberglass Window	1,305.75	79.72
		For Colored Vinyl, Add	*114.75*	
		For Tinted Glass, Add	*137.70*	
		For Low-E Insulated Glass, Add	*286.88*	
		For Obscure Glass, Add	*315.57*	
08 54 13 00-0413	EA	54" x 44", New Construction, Horizontal Sliding Fiberglass Window	1,362.64	82.68
		For Colored Vinyl, Add	*119.73*	
		For Tinted Glass, Add	*143.67*	
		For Low-E Insulated Glass, Add	*299.32*	
		For Obscure Glass, Add	*329.25*	
08 54 13 00-0414	EA	60" x 44", New Construction, Horizontal Sliding Fiberglass Window	1,419.58	86.26
		For Colored Vinyl, Add	*124.71*	
		For Tinted Glass, Add	*149.65*	
		For Low-E Insulated Glass, Add	*311.77*	
		For Obscure Glass, Add	*342.94*	
08 54 13 00-0415	EA	64" x 44", New Construction, Horizontal Sliding Fiberglass Window	1,457.61	89.24
		For Colored Vinyl, Add	*128.03*	
		For Tinted Glass, Add	*153.64*	
		For Low-E Insulated Glass, Add	*320.08*	
		For Obscure Glass, Add	*352.09*	
08 54 13 00-0416	EA	72" x 44", New Construction, Horizontal Sliding Fiberglass Window	1,533.37	93.39
		For Colored Vinyl, Add	*134.66*	
		For Tinted Glass, Add	*161.59*	
		For Low-E Insulated Glass, Add	*336.64*	
		For Obscure Glass, Add	*370.31*	
08 54 13 00-0417		46" Height, New Construction, Horizontal Sliding Fiberglass Windows *(08 54 13 00-0381)*		
08 54 13 00-0418	EA	36" x 46", New Construction, Horizontal Sliding Fiberglass Window	1,216.14	73.77
		For Colored Vinyl, Add	*106.98*	
		For Tinted Glass, Add	*128.37*	
		For Low-E Insulated Glass, Add	*267.45*	
		For Obscure Glass, Add	*294.19*	
08 54 13 00-0419	EA	48" x 46", New Construction, Horizontal Sliding Fiberglass Window	1,331.86	80.90
		For Colored Vinyl, Add	*117.12*	
		For Tinted Glass, Add	*140.55*	
		For Low-E Insulated Glass, Add	*292.81*	
		For Obscure Glass, Add	*322.09*	
08 54 13 00-0420	EA	54" x 46", New Construction, Horizontal Sliding Fiberglass Window	1,389.72	83.88
		For Colored Vinyl, Add	*122.20*	
		For Tinted Glass, Add	*146.64*	
		For Low-E Insulated Glass, Add	*305.49*	
		For Obscure Glass, Add	*336.04*	
08 54 13 00-0421	EA	60" x 46", New Construction, Horizontal Sliding Fiberglass Window	1,447.53	87.45
		For Colored Vinyl, Add	*127.26*	
		For Tinted Glass, Add	*152.72*	
		For Low-E Insulated Glass, Add	*318.16*	
		For Obscure Glass, Add	*349.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 54 13 00-0422	EA	64" x 46", New Construction, Horizontal Sliding Fiberglass Window	1,486.12	90.42
		For Colored Vinyl, Add	*130.65*	
		For Tinted Glass, Add	*156.78*	
		For Low-E Insulated Glass, Add	*326.62*	
		For Obscure Glass, Add	*359.28*	
08 54 13 00-0423	EA	72" x 46", New Construction, Horizontal Sliding Fiberglass Window	1,563.32	94.59
		For Colored Vinyl, Add	*137.42*	
		For Tinted Glass, Add	*164.90*	
		For Low-E Insulated Glass, Add	*343.54*	
		For Obscure Glass, Add	*377.89*	
08 54 13 00-0424		48" Height, New Construction, Horizontal Sliding Fiberglass Windows *(08 54 13 00-0381)*		
08 54 13 00-0425	EA	36" x 48", New Construction, Horizontal Sliding Fiberglass Window	1,240.41	74.95
		For Colored Vinyl, Add	*109.17*	
		For Tinted Glass, Add	*131.00*	
		For Low-E Insulated Glass, Add	*272.92*	
		For Obscure Glass, Add	*300.21*	
08 54 13 00-0426	EA	48" x 48", New Construction, Horizontal Sliding Fiberglass Window	1,358.04	82.09
		For Colored Vinyl, Add	*119.50*	
		For Tinted Glass, Add	*143.40*	
		For Low-E Insulated Glass, Add	*298.76*	
		For Obscure Glass, Add	*328.64*	
08 54 13 00-0427	EA	54" x 48", New Construction, Horizontal Sliding Fiberglass Window	1,416.82	85.07
		For Colored Vinyl, Add	*124.67*	
		For Tinted Glass, Add	*149.60*	
		For Low-E Insulated Glass, Add	*311.67*	
		For Obscure Glass, Add	*342.84*	
08 54 13 00-0428	EA	60" x 48", New Construction, Horizontal Sliding Fiberglass Window	1,475.54	88.64
		For Colored Vinyl, Add	*129.83*	
		For Tinted Glass, Add	*155.79*	
		For Low-E Insulated Glass, Add	*324.57*	
		For Obscure Glass, Add	*357.02*	
08 54 13 00-0429	EA	64" x 48", New Construction, Horizontal Sliding Fiberglass Window	1,514.79	91.61
		For Colored Vinyl, Add	*133.28*	
		For Tinted Glass, Add	*159.93*	
		For Low-E Insulated Glass, Add	*333.19*	
		For Obscure Glass, Add	*366.51*	
08 54 13 00-0430	EA	72" x 48", New Construction, Horizontal Sliding Fiberglass Window	1,593.29	95.78
		For Colored Vinyl, Add	*140.17*	
		For Tinted Glass, Add	*168.21*	
		For Low-E Insulated Glass, Add	*350.43*	
		For Obscure Glass, Add	*385.48*	
08 54 13 00-0431		50" Height, New Construction, Horizontal Sliding Fiberglass Windows *(08 54 13 00-0381)*		
08 54 13 00-0432	EA	36" x 50", New Construction, Horizontal Sliding Fiberglass Window	1,264.64	76.14
		For Colored Vinyl, Add	*111.35*	
		For Tinted Glass, Add	*133.62*	
		For Low-E Insulated Glass, Add	*278.39*	
		For Obscure Glass, Add	*306.22*	
08 54 13 00-0433	EA	48" x 50", New Construction, Horizontal Sliding Fiberglass Window	1,384.09	83.29
		For Colored Vinyl, Add	*121.87*	
		For Tinted Glass, Add	*146.25*	
		For Low-E Insulated Glass, Add	*304.68*	
		For Obscure Glass, Add	*335.15*	
08 54 13 00-0434	EA	54" x 50", New Construction, Horizontal Sliding Fiberglass Window	1,443.84	86.26
		For Colored Vinyl, Add	*127.13*	
		For Tinted Glass, Add	*152.56*	
		For Low-E Insulated Glass, Add	*317.83*	
		For Obscure Glass, Add	*349.62*	
08 54 13 00-0435	EA	60" x 50", New Construction, Horizontal Sliding Fiberglass Window	1,503.53	89.83
		For Colored Vinyl, Add	*132.39*	
		For Tinted Glass, Add	*158.87*	
		For Low-E Insulated Glass, Add	*330.97*	
		For Obscure Glass, Add	*364.07*	
08 54 13 00-0436	EA	64" x 50", New Construction, Horizontal Sliding Fiberglass Window	1,543.44	92.80
		For Colored Vinyl, Add	*135.90*	
		For Tinted Glass, Add	*163.08*	
		For Low-E Insulated Glass, Add	*339.76*	
		For Obscure Glass, Add	*373.73*	
08 54 13 00-0437	EA	72" x 50", New Construction, Horizontal Sliding Fiberglass Window	1,623.18	96.97
		For Colored Vinyl, Add	*142.93*	
		For Tinted Glass, Add	*171.51*	
		For Low-E Insulated Glass, Add	*357.31*	
		For Obscure Glass, Add	*393.04*	
08 54 13 00-0438		52" Height, New Construction, Horizontal Sliding Fiberglass Windows *(08 54 13 00-0381)*		
08 54 13 00-0439	EA	36" x 52", New Construction, Horizontal Sliding Fiberglass Window	1,288.86	77.34
		For Colored Vinyl, Add	*113.54*	
		For Tinted Glass, Add	*136.25*	
		For Low-E Insulated Glass, Add	*283.85*	
		For Obscure Glass, Add	*312.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 54 13 00-0440	EA	48" x 52", New Construction, Horizontal Sliding Fiberglass Window	1,410.32	84.48
		For Colored Vinyl, Add	*124.26*	
		For Tinted Glass, Add	*149.11*	
		For Low-E Insulated Glass, Add	*310.64*	
		For Obscure Glass, Add	*341.71*	
08 54 13 00-0441	EA	54" x 52", New Construction, Horizontal Sliding Fiberglass Window	1,470.94	87.45
		For Colored Vinyl, Add	*129.60*	
		For Tinted Glass, Add	*155.52*	
		For Low-E Insulated Glass, Add	*324.01*	
		For Obscure Glass, Add	*356.41*	
08 54 13 00-0442	EA	60" x 52", New Construction, Horizontal Sliding Fiberglass Window	1,531.74	91.02
		For Colored Vinyl, Add	*134.97*	
		For Tinted Glass, Add	*161.96*	
		For Low-E Insulated Glass, Add	*337.43*	
		For Obscure Glass, Add	*371.17*	
08 54 13 00-0443	EA	64" x 52", New Construction, Horizontal Sliding Fiberglass Window	1,572.17	93.99
		For Colored Vinyl, Add	*138.54*	
		For Tinted Glass, Add	*166.24*	
		For Low-E Insulated Glass, Add	*346.34*	
		For Obscure Glass, Add	*380.98*	
08 54 13 00-0444	EA	72" x 52", New Construction, Horizontal Sliding Fiberglass Window	1,653.14	98.15
		For Colored Vinyl, Add	*145.68*	
		For Tinted Glass, Add	*174.82*	
		For Low-E Insulated Glass, Add	*364.21*	
		For Obscure Glass, Add	*400.63*	

08 54 13 00-0445 54" Height, New Construction, Horizontal Sliding Fiberglass Windows *(08 54 13 00-0381)*

08 54 13 00-0446	EA	36" x 54", New Construction, Horizontal Sliding Fiberglass Window	1,313.15	78.53
		For Colored Vinyl, Add	*115.73*	
		For Tinted Glass, Add	*138.87*	
		For Low-E Insulated Glass, Add	*289.32*	
		For Obscure Glass, Add	*318.25*	
08 54 13 00-0447	EA	48" x 54", New Construction, Horizontal Sliding Fiberglass Window	1,436.38	85.66
		For Colored Vinyl, Add	*126.62*	
		For Tinted Glass, Add	*151.95*	
		For Low-E Insulated Glass, Add	*316.56*	
		For Obscure Glass, Add	*348.22*	
08 54 13 00-0448	EA	54" x 54", New Construction, Horizontal Sliding Fiberglass Window	1,498.03	88.64
		For Colored Vinyl, Add	*132.08*	
		For Tinted Glass, Add	*158.49*	
		For Low-E Insulated Glass, Add	*330.19*	
		For Obscure Glass, Add	*363.21*	
08 54 13 00-0449	EA	60" x 54", New Construction, Horizontal Sliding Fiberglass Window	1,559.74	92.21
		For Colored Vinyl, Add	*137.53*	
		For Tinted Glass, Add	*165.04*	
		For Low-E Insulated Glass, Add	*343.83*	
		For Obscure Glass, Add	*378.22*	
08 54 13 00-0450	EA	64" x 54", New Construction, Horizontal Sliding Fiberglass Window	1,600.81	95.19
		For Colored Vinyl, Add	*141.16*	
		For Tinted Glass, Add	*169.40*	
		For Low-E Insulated Glass, Add	*352.91*	
		For Obscure Glass, Add	*388.20*	
08 54 13 00-0451	EA	72" x 54", New Construction, Horizontal Sliding Fiberglass Window	1,682.97	99.34
		For Colored Vinyl, Add	*148.43*	
		For Tinted Glass, Add	*178.11*	
		For Low-E Insulated Glass, Add	*371.07*	
		For Obscure Glass, Add	*408.18*	

08 54 13 00-0452 60" Height, New Construction, Horizontal Sliding Fiberglass Windows *(08 54 13 00-0381)*

08 54 13 00-0453	EA	36" x 60", New Construction, Horizontal Sliding Fiberglass Window	1,443.59	82.09
		For Colored Vinyl, Add	*128.06*	
		For Tinted Glass, Add	*153.67*	
		For Low-E Insulated Glass, Add	*320.15*	
		For Obscure Glass, Add	*352.16*	
08 54 13 00-0454	EA	48" x 60", New Construction, Horizontal Sliding Fiberglass Window	1,514.85	89.24
		For Colored Vinyl, Add	*133.76*	
		For Tinted Glass, Add	*160.51*	
		For Low-E Insulated Glass, Add	*334.39*	
		For Obscure Glass, Add	*367.83*	
08 54 13 00-0455	EA	54" x 60", New Construction, Horizontal Sliding Fiberglass Window	1,579.36	92.21
		For Colored Vinyl, Add	*139.50*	
		For Tinted Glass, Add	*167.39*	
		For Low-E Insulated Glass, Add	*348.74*	
		For Obscure Glass, Add	*383.61*	
08 54 13 00-0456	EA	60" x 60", New Construction, Horizontal Sliding Fiberglass Window	1,643.83	95.78
		For Colored Vinyl, Add	*145.23*	
		For Tinted Glass, Add	*174.27*	
		For Low-E Insulated Glass, Add	*363.07*	
		For Obscure Glass, Add	*399.37*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 54 13 00-0457	EA	64" x 60", New Construction, Horizontal Sliding Fiberglass Window	1,686.85	98.75
		For Colored Vinyl, Add	*149.05*	
		For Tinted Glass, Add	*178.86*	
		For Low-E Insulated Glass, Add	*372.64*	
		For Obscure Glass, Add	*409.90*	
08 54 13 00-0458	EA	72" x 60", New Construction, Horizontal Sliding Fiberglass Window	1,772.79	102.91
		For Colored Vinyl, Add	*156.70*	
		For Tinted Glass, Add	*188.04*	
		For Low-E Insulated Glass, Add	*391.74*	
		For Obscure Glass, Add	*430.91*	

08 54 13 00-0459 Replacement, Horizontal Sliding Fiberglass Windows *(08 54 13 00-0380)*

Note: Includes white solid fiberglass interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles. Pricing calculated by the United Inch (the combined inches of one width and one height).

08 54 13 00-0460	EA	Up To 73" UI, Replacement, Horizontal Sliding Fiberglass Window	1,597.87	62.46
		For Colored Vinyl, Add	*147.29*	
		For Tinted Glass, Add	*176.75*	
		For Low-E Insulated Glass, Add	*368.24*	
		For Obscure Glass, Add	*405.06*	
08 54 13 00-0461	EA	>73" To 83" UI, Replacement, Horizontal Sliding Fiberglass Window	1,757.51	68.41
		For Colored Vinyl, Add	*162.07*	
		For Tinted Glass, Add	*194.48*	
		For Low-E Insulated Glass, Add	*405.17*	
		For Obscure Glass, Add	*445.69*	
08 54 13 00-0462	EA	>83" To 93" UI, Replacement, Horizontal Sliding Fiberglass Window	1,904.18	74.36
		For Colored Vinyl, Add	*175.55*	
		For Tinted Glass, Add	*210.66*	
		For Low-E Insulated Glass, Add	*438.87*	
		For Obscure Glass, Add	*482.75*	
08 54 13 00-0463	EA	>93" To 101" UI, Replacement, Horizontal Sliding Fiberglass Window	2,001.37	80.31
		For Colored Vinyl, Add	*184.08*	
		For Tinted Glass, Add	*220.89*	
		For Low-E Insulated Glass, Add	*460.19*	
		For Obscure Glass, Add	*506.21*	
08 54 13 00-0464	EA	>101" To 110" UI, Replacement, Horizontal Sliding Fiberglass Window	2,105.65	86.26
		For Colored Vinyl, Add	*193.31*	
		For Tinted Glass, Add	*231.98*	
		For Low-E Insulated Glass, Add	*483.29*	
		For Obscure Glass, Add	*531.61*	
08 54 13 00-0465	EA	>110" To 120" UI, Replacement, Horizontal Sliding Fiberglass Window	2,293.27	92.21
		For Colored Vinyl, Add	*210.89*	
		For Tinted Glass, Add	*253.06*	
		For Low-E Insulated Glass, Add	*527.22*	
		For Obscure Glass, Add	*579.94*	
08 54 13 00-0466	UI	>120" UI, Replacement, Horizontal Sliding Fiberglass Window	19.15	0.77
		For Colored Vinyl, Add	*1.76*	
		For Tinted Glass, Add	*2.11*	
		For Low-E Insulated Glass, Add	*4.40*	
		For Obscure Glass, Add	*4.84*	

08 54 13 00-0467 Basement Fiberglass Windows *(08 54 13)*

08 54 13 00-0468 New Construction, Basement Fiberglass Windows *(08 54 13 00-0467)*

Note: Includes white solid fiberglass interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles.

08 54 13 00-0469	EA	32" x 15", New Construction, Basement Fiberglass Window	876.26	47.59
		For Colored Vinyl, Add	*78.11*	
		For Tinted Glass, Add	*93.73*	
		For Low-E Insulated Glass, Add	*195.27*	
		For Obscure Glass, Add	*214.79*	
08 54 13 00-0470	EA	32" x 20", New Construction, Basement Fiberglass Window	967.41	47.59
		For Colored Vinyl, Add	*87.22*	
		For Tinted Glass, Add	*104.67*	
		For Low-E Insulated Glass, Add	*218.06*	
		For Obscure Glass, Add	*239.86*	
08 54 13 00-0471	EA	32" x 23", New Construction, Basement Fiberglass Window	1,019.44	47.59
		For Colored Vinyl, Add	*92.43*	
		For Tinted Glass, Add	*110.91*	
		For Low-E Insulated Glass, Add	*231.06*	
		For Obscure Glass, Add	*254.17*	

08 54 13 00-0472 Replacement, Basement Fiberglass Windows *(08 54 13 00-0467)*

Note: Includes white solid fiberglass interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles. Pricing calculated by the United Inch (the combined inches of one width and one height).

08 54 13 00-0473	EA	Up To 47" UI, Replacement, Basement Fiberglass Window	1,199.29	46.40
		For Colored Vinyl, Add	*110.65*	
		For Tinted Glass, Add	*132.78*	
		For Low-E Insulated Glass, Add	*276.62*	
		For Obscure Glass, Add	*304.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 54 13 00-0474	EA	>47" To 55" UI, Replacement, Basement Fiberglass Window	1,324.22	53.54
		For Colored Vinyl, Add	*121.71*	
		For Tinted Glass, Add	*146.06*	
		For Low-E Insulated Glass, Add	*304.29*	
		For Obscure Glass, Add	*334.71*	
08 54 13 00-0475	UI	>55" UI, Replacement, Basement Fiberglass Window	23.65	0.77
		For Colored Vinyl, Add	*2.21*	
		For Tinted Glass, Add	*2.65*	
		For Low-E Insulated Glass, Add	*5.53*	
		For Obscure Glass, Add	*6.08*	

08 54 66 Fiberglass Window Screens *(08 54)*

08 54 66 00-0001 Insect Screens For Fiberglass Windows *(08 54 66)*

08 54 66 00-0002	EA	Up To 6 SF, Insect Screen For Fiberglass Windows	56.11	10.57
08 54 66 00-0003	EA	>6 To 9 SF, Insect Screen For Fiberglass Windows	77.08	10.57
08 54 66 00-0004	EA	>9 To 12 SF, Insect Screen For Fiberglass Windows	84.08	10.57
08 54 66 00-0005	EA	>12 To 15 SF, Insect Screen For Fiberglass Windows	98.06	10.57
08 54 66 00-0006	EA	>15 To 20 SF, Insect Screen For Fiberglass Windows	129.52	10.57
08 54 66 00-0007	EA	>20 To 25 SF, Insect Screen For Fiberglass Windows	143.51	10.57
08 54 66 00-0008	EA	>25 To 30 SF, Insect Screen For Fiberglass Windows	164.48	10.57
08 54 66 00-0009	EA	>30 To 35 SF, Insect Screen For Fiberglass Windows	178.47	10.57
08 54 66 00-0010	SF	>35 SF, Insect Screen For Fiberglass Windows	5.42	0.21

08 54 66 00-0011 Factory Installed Grilles For Fiberglass Windows *(08 54 66)*

08 54 66 00-0012 Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Fiberglass Windows *(08 54 66 00-0011)*

08 54 66 00-0013	EA	Up To 9 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Fiberglass Windows	53.84
08 54 66 00-0014	EA	>9 To 18 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Fiberglass Windows	69.22
08 54 66 00-0015	EA	>18 To 24 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Fiberglass Windows	89.15
08 54 66 00-0016	EA	>24 To 36 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Fiberglass Windows	105.23
08 54 66 00-0017	EA	>36 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Fiberglass Windows	129.35

08 54 66 00-0018 Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Fiberglass Windows *(08 54 66 00-0011)*

08 54 66 00-0019	EA	Up To 9 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Fiberglass Windows	122.36	
08 54 66 00-0020	EA	>9 To 18 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Fiberglass Windows	146.83	
08 54 66 00-0021	EA	>18 To 24 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Fiberglass Windows	185.28	
08 54 66 00-0022	EA	>24 To 36 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Fiberglass Windows	230.73	
08 54 66 00-0023	EA	>36 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Fiberglass Windows	276.18	

08 56 Special Function Windows *(08 50)*

08 56 19 Pass Windows *(08 56)*

08 56 19 00-0001 Bullet Resistant Pass Through Service Window, Steel Frame *(08 56 19)*

Note: Secure air passage for voice transmission; Natural Voice Transmission (NVR)

08 56 19 00-0002	EA	24" x 36", Bullet Resistant Pass Through Service Window, 1.25" Acrylic Glazing Level I, Steel Frame	5,226.51	800.40
		For 1.375" Acrylic Level II Bullet Resistant Glazing, Add	*45.00*	
		For 1.25" Multi-Ply Polycarbonate Level III Bullet Resistant Glazing, Add	*295.00*	
08 56 19 00-0003	EA	30" x 36", Bullet Resistant Pass Through Service Window, 1.25" Acrylic Glazing Level I, Steel Frame	5,748.76	867.10
		For 1.375" Acrylic Level II Bullet Resistant Glazing, Add	*60.00*	
		For 1.25" Multi-Ply Polycarbonate Level III Bullet Resistant Glazing, Add	*370.00*	
08 56 19 00-0004	EA	36" x 36", Bullet Resistant Pass Through Service Window, 1.25" Acrylic Glazing Level I, Steel Frame	6,049.42	933.81
		For 1.375" Acrylic Level II Bullet Resistant Glazing, Add	*70.00*	
		For 1.25" Multi-Ply Polycarbonate Level III Bullet Resistant Glazing, Add	*445.00*	
08 56 19 00-0005	EA	48" x 40", Bullet Resistant Pass Through Service Window, 1.25" Acrylic Glazing Level I, Steel Frame	7,561.84	1,067.20
		For 1.375" Acrylic Level II Bullet Resistant Glazing, Add	*100.00*	
		For 1.25" Multi-Ply Polycarbonate Level III Bullet Resistant Glazing, Add	*650.00*	
08 56 19 00-0006	EA	72" x 40", Bullet Resistant Pass Through Service Window, 1.25" Acrylic Glazing Level I, Steel Frame	10,230.57	1,600.81
		For 1.375" Acrylic Level II Bullet Resistant Glazing, Add	*150.00*	
		For 1.25" Multi-Ply Polycarbonate Level III Bullet Resistant Glazing, Add	*975.00*	

08 56 56 Security Window Screens *(08 56)*

Note: Includes frame and mounting hardware. Operable security screens include hinges and related hardware.

08 56 56 00-0001 Wire Mesh Security Screen *(08 56 56)*

08 56 56 00-0002 Wire Mesh, Inoperable, Security Window Screen *(08 56 56 00-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 56 56 00-0003	SF	13 Gauge, Wire Mesh, Inoperable, Steel Security Window Screen	25.06	6.01
		For Painted Steel, Add	*1.71*	
		For Galvanized Steel, Add	*3.41*	
		For Aluminum, Add	*6.82*	
		For Stainless Steel, Add	*29.84*	
08 56 56 00-0004	SF	11 Gauge, Wire Mesh, Inoperable, Steel Security Window Screen	25.55	6.01
		For Painted Steel, Add	*1.75*	
		For Galvanized Steel, Add	*3.51*	
		For Aluminum, Add	*7.02*	
		For Stainless Steel, Add	*30.70*	
08 56 56 00-0005	SF	9 Gauge, Wire Mesh, Inoperable, Steel Security Window Screen	27.80	6.01
		For Painted Steel, Add	*1.98*	
		For Galvanized Steel, Add	*3.96*	
		For Aluminum, Add	*7.92*	
		For Stainless Steel, Add	*34.63*	
08 56 56 00-0006	SF	6 Gauge, Wire Mesh, Inoperable, Steel Security Window Screen	32.61	6.01
		For Painted Steel, Add	*2.46*	
		For Galvanized Steel, Add	*4.92*	
		For Aluminum, Add	*9.84*	
		For Stainless Steel, Add	*43.05*	

08 56 56 00-0007 Wire Mesh, Operable, Security Window Screen *(08 56 56 00-0001)*

08 56 56 00-0008	SF	13 Gauge, Wire Mesh, Operable, Steel Security Window Screen	34.96	7.33
		For Painted Steel, Add	*2.43*	
		For Galvanized Steel, Add	*4.86*	
		For Aluminum, Add	*9.72*	
		For Stainless Steel, Add	*42.51*	
08 56 56 00-0009	SF	11 Gauge, Wire Mesh, Operable, Steel Security Window Screen	35.70	7.33
		For Painted Steel, Add	*2.50*	
		For Galvanized Steel, Add	*5.01*	
		For Aluminum, Add	*10.01*	
		For Stainless Steel, Add	*43.80*	
08 56 56 00-0010	SF	9 Gauge, Wire Mesh, Operable, Steel Security Window Screen	38.93	7.33
		For Painted Steel, Add	*2.83*	
		For Galvanized Steel, Add	*5.65*	
		For Aluminum, Add	*11.30*	
		For Stainless Steel, Add	*49.46*	
08 56 56 00-0011	SF	6 Gauge, Wire Mesh, Operable, Steel Security Window Screen	45.68	7.33
		For Painted Steel, Add	*3.50*	
		For Galvanized Steel, Add	*7.00*	
		For Aluminum, Add	*14.00*	
		For Stainless Steel, Add	*61.27*	

08 56 56 00-0012 Wire Cloth Security Screen *(08 56 56)*

Note: Wire cloth has from 10 to 12 strands per 1".

08 56 56 00-0013 Wire Cloth, Inoperable, Security Window Screens *(08 56 56 00-0012)*

08 56 56 00-0014	SF	24 Gauge, Wire Cloth, Inoperable, Steel Security Window Screen	16.84	4.00
		For Painted Steel, Add	*0.51*	
		For Galvanized Steel, Add	*1.53*	
		For Aluminum, Add	*3.05*	
		For Stainless Steel, Add	*12.71*	
08 56 56 00-0015	SF	22 Gauge, Wire Cloth, Inoperable, Steel Security Window Screen	17.52	4.00
		For Painted Steel, Add	*0.54*	
		For Galvanized Steel, Add	*1.63*	
		For Aluminum, Add	*3.26*	
		For Stainless Steel, Add	*13.56*	
08 56 56 00-0016	SF	20 Gauge, Wire Cloth, Inoperable, Steel Security Window Screen	18.60	4.00
		For Painted Steel, Add	*0.60*	
		For Galvanized Steel, Add	*1.79*	
		For Aluminum, Add	*3.58*	
		For Stainless Steel, Add	*14.91*	
08 56 56 00-0017	SF	18 Gauge, Wire Cloth, Inoperable, Steel Security Window Screen	20.65	4.00
		For Painted Steel, Add	*0.70*	
		For Galvanized Steel, Add	*2.10*	
		For Aluminum, Add	*4.19*	
		For Stainless Steel, Add	*17.48*	

08 56 56 00-0018 Wire Cloth, Operable, Security Window Screens *(08 56 56 00-0012)*

08 56 56 00-0019	SF	24 Gauge, Wire Cloth, Operable, Steel Security Window Screen	22.50	5.33
		For Painted Steel, Add	*0.72*	
		For Galvanized Steel, Add	*2.17*	
		For Aluminum, Add	*4.35*	
		For Stainless Steel, Add	*18.11*	
08 56 56 00-0020	SF	22 Gauge, Wire Cloth, Operable, Steel Security Window Screen	23.56	5.33
		For Painted Steel, Add	*0.78*	
		For Galvanized Steel, Add	*2.33*	
		For Aluminum, Add	*4.67*	
		For Stainless Steel, Add	*19.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 56 56 00-0021	SF	20 Gauge, Wire Cloth, Operable, Steel Security Window Screen	25.02	5.33
		For Painted Steel, Add	*0.85*	
		For Galvanized Steel, Add	*2.55*	
		For Aluminum, Add	*5.10*	
		For Stainless Steel, Add	*21.26*	
08 56 56 00-0022	SF	18 Gauge, Wire Cloth, Operable, Steel Security Window Screen	27.96	5.33
		For Painted Steel, Add	*1.00*	
		For Galvanized Steel, Add	*2.99*	
		For Aluminum, Add	*5.99*	
		For Stainless Steel, Add	*24.94*	

08 56 56 00-0023 Expanded Metal Security Screen *(08 56 56)*

Note: Flattened or standard pattern. Dimension given is the short distance across the opening (SWO). The # designation is the pattern number of the expanded metal and is not the gauge.

08 56 56 00-0024 Expanded Metal, Inoperable, Security Screen *(08 56 56 00-0023)*

08 56 56 00-0025	SF	1/4" #18, Thickness 0.04" Expanded Metal, Inoperable, Steel Security Window Screen	31.85	10.00
		For Painted Steel, Add	*0.99*	
		For Galvanized Steel, Add	*2.98*	
		For Aluminum, Add	*5.96*	
		For Stainless Steel, Add	*24.81*	
08 56 56 00-0026	SF	1/2" #13, Thickness 0.07" Expanded Metal, Inoperable, Steel Security Window Screen	37.36	12.00
		For Painted Steel, Add	*1.13*	
		For Galvanized Steel, Add	*3.40*	
		For Aluminum, Add	*6.80*	
		For Stainless Steel, Add	*28.35*	
08 56 56 00-0027	SF	3/4" #13, Thickness 0.07" Expanded Metal, Inoperable, Steel Security Window Screen	42.08	14.68
		For Painted Steel, Add	*1.24*	
		For Galvanized Steel, Add	*3.71*	
		For Aluminum, Add	*7.42*	
		For Stainless Steel, Add	*30.93*	
08 56 56 00-0028	SF	3/4" #9, Thickness 0.12" Expanded Metal, Inoperable, Steel Security Window Screen	49.61	17.34
		For Painted Steel, Add	*1.41*	
		For Galvanized Steel, Add	*4.24*	
		For Aluminum, Add	*8.48*	
		For Stainless Steel, Add	*35.33*	
08 56 56 00-0029	SF	1-1/2" #9, Thickness 0.11" Expanded Metal, Inoperable, Steel Security Window Screen	46.21	16.67
		For Painted Steel, Add	*1.31*	
		For Galvanized Steel, Add	*3.93*	
		For Aluminum, Add	*7.86*	
		For Stainless Steel, Add	*32.75*	
08 56 56 00-0030	SF	3 LB/SF Expanded Metal, Inoperable, Steel Security Window Screen	58.29	21.35
		For Painted Steel, Add	*1.65*	
		For Galvanized Steel, Add	*4.94*	
		For Aluminum, Add	*9.89*	
		For Stainless Steel, Add	*41.19*	

08 56 56 00-0031 Expanded Metal, Operable, Security Screen *(08 56 56 00-0023)*

08 56 56 00-0032	SF	1/4" #18, Thickness 0.04" Expanded Metal, Operable, Steel Security Window Screen	38.59	12.00
		For Painted Steel, Add	*1.20*	
		For Galvanized Steel, Add	*3.59*	
		For Aluminum, Add	*7.17*	
		For Stainless Steel, Add	*29.89*	
08 56 56 00-0033	SF	1/2" #13, Thickness 0.07" Expanded Metal, Operable, Steel Security Window Screen	49.71	14.68
		For Painted Steel, Add	*1.62*	
		For Galvanized Steel, Add	*4.86*	
		For Aluminum, Add	*9.71*	
		For Stainless Steel, Add	*40.46*	
08 56 56 00-0034	SF	3/4" #13, Thickness 0.07" Expanded Metal, Operable, Steel Security Window Screen	55.31	16.67
		For Painted Steel, Add	*1.77*	
		For Galvanized Steel, Add	*5.30*	
		For Aluminum, Add	*10.59*	
		For Stainless Steel, Add	*44.13*	
08 56 56 00-0035	SF	1-1/2" #9, Thickness 0.11" Expanded Metal, Operable, Steel Security Window Screen	60.03	18.67
		For Painted Steel, Add	*1.87*	
		For Galvanized Steel, Add	*5.60*	
		For Aluminum, Add	*11.21*	
		For Stainless Steel, Add	*46.69*	
08 56 56 00-0036	SF	3/4" #9, Thickness 0.12" Expanded Metal, Operable, Steel Security Window Screen	65.61	21.35
		For Painted Steel, Add	*2.01*	
		For Galvanized Steel, Add	*6.04*	
		For Aluminum, Add	*12.08*	
		For Stainless Steel, Add	*50.34*	
08 56 56 00-0037	SF	3 LB/SF Expanded Metal, Operable, Steel Security Window Screen	74.95	23.34
		For Painted Steel, Add	*2.35*	
		For Galvanized Steel, Add	*7.04*	
		For Aluminum, Add	*14.08*	
		For Stainless Steel, Add	*58.66*	

08 56 56 00-0038 Perforated Metal Security Screen *(08 56 56)*

08 56 56 00-0039 Perforated Metal, Inoperable, Steel Security Window Screen *(08 56 56 00-0038)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 56 56 00-0040	SF	22 Gauge Perforated Metal, 63% Openings, Inoperable, Steel Security Window Screen	27.76	6.01
		For Painted Steel, Add	*0.99*	
		For Galvanized Steel, Add	*2.96*	
		For Aluminum, Add	*5.93*	
		For Stainless Steel, Add	*19.75*	
08 56 56 00-0041	SF	20 Gauge Perforated Metal, 63% Openings, Inoperable, Steel Security Window Screen	28.54	6.01
		For Painted Steel, Add	*1.03*	
		For Galvanized Steel, Add	*3.08*	
		For Aluminum, Add	*6.16*	
		For Stainless Steel, Add	*20.53*	
08 56 56 00-0042	SF	18 Gauge Perforated Metal, 63% Openings, Inoperable, Steel Security Window Screen	31.18	6.01
		For Painted Steel, Add	*1.16*	
		For Galvanized Steel, Add	*3.48*	
		For Aluminum, Add	*6.95*	
		For Stainless Steel, Add	*23.17*	
08 56 56 00-0043	SF	16 Gauge Perforated Metal, 63% Openings, Inoperable, Steel Security Window Screen	36.17	6.01
		For Painted Steel, Add	*1.41*	
		For Galvanized Steel, Add	*4.22*	
		For Aluminum, Add	*8.45*	
		For Stainless Steel, Add	*28.16*	
08 56 56 00-0044		**Perforated Metal, Operable, Steel Security Window Screen** *(08 56 56 00-0038)*		
08 56 56 00-0045	SF	22 Gauge Perforated Metal, 63% Openings, Operable, Steel Security Window Screen	38.73	7.33
		For Painted Steel, Add	*1.40*	
		For Galvanized Steel, Add	*4.21*	
		For Aluminum, Add	*8.42*	
		For Stainless Steel, Add	*28.06*	
08 56 56 00-0046	SF	20 Gauge Perforated Metal, 63% Openings, Operable, Steel Security Window Screen	40.10	7.33
		For Painted Steel, Add	*1.47*	
		For Galvanized Steel, Add	*4.41*	
		For Aluminum, Add	*8.83*	
		For Stainless Steel, Add	*29.43*	
08 56 56 00-0047	SF	18 Gauge Perforated Metal, 63% Openings, Operable, Steel Security Window Screen	43.52	7.33
		For Painted Steel, Add	*1.64*	
		For Galvanized Steel, Add	*4.93*	
		For Aluminum, Add	*9.86*	
		For Stainless Steel, Add	*32.85*	
08 56 56 00-0048	SF	16 Gauge Perforated Metal, 63% Openings, Operable, Steel Security Window Screen	50.66	7.33
		For Painted Steel, Add	*2.00*	
		For Galvanized Steel, Add	*6.00*	
		For Aluminum, Add	*12.00*	
		For Stainless Steel, Add	*39.99*	
08 56 56 00-0049		**Removal And Reinstallation Of Security Screens And Guards** *(08 56 56)*		
08 56 56 00-0050	SF	Removal And Reinstallation Of Security Screens	16.76	
08 56 59		**Service and Teller Window Units** *(08 56)*		
08 56 59 00-0001		**Communicator For Window** *(08 56 59)*		
08 56 59 00-0002	EA	Electronic Two-Way Talk-thru Hands-Free Audio Communicator (Haven SC-350) Note: Communicator is designed for applications where a fire shutter or window shade is present. Two-way communication is accomplished through the use of speakers and micro-phones located on each side of the partition. The Master unit is equipped with a 15" gooseneck microphone, power on/off switch, power-on LED, and external volume controls. The Remote Unit is window-mounted and may incorporate a level 3 bullet-resistive insert.	2,721.30	266.80
08 56 59 00-0003	EA	Electronic Two-Way Audio Communicator (Haven SC-300) Note: Communicator is designed for application where a cutout in the barrier is impractical. Two-way communication is accomplished through the use of speakers and microphones located on each side of the partition. The master unit is equipped with a 20" gooseneck microphone, power on/off switch, power-on LED, and external volume controls. The Remote unit is vandal-resistant with all controls located within the housing.	2,378.64	266.80
08 56 59 00-0004	EA	Electronic Two-Way Talk-Thru Communication System (Norcon TTU-1)	2,165.49	266.80
08 56 59 00-0005		**Speak-Thru Communicator For Window** *(08 56 59)*		
08 56 59 00-0006	EA	5-5/16" Diameter, Satin Anodized Aluminum, No-Draft Speak-Thru (CRL 834A) Note: Includes gaskets and mounting screws for installation on glass from 1/4" (6 mm) to 1/2" (12 mm) thick. Require a minimum hole diameter of 2-1/4" (57 mm), and will cover holes up to 4-1/4" (108 mm). Recommended hole diameter is 3-1/2" (89 mm).	153.59	
08 56 59 00-0007	EA	6-3/16" Diameter, Polished Stainless Steel, No-Draft Speak-Thru (Brixwell 834LPS) Note: Includes gaskets and mounting screws for installation on glass from 1/4" (6 mm) to 1/2" (12 mm) thick. Require a minimum hole diameter of 2-1/4" (57 mm), and will cover holes up to 4-1/4" (108 mm). Recommended hole diameter is 3-1/2" (89 mm).	227.80	
08 56 59 00-0008		**Counter Drop-In Deal Tray** *(08 56 59)*		
08 56 59 00-0009	EA	16" Wide x 10" Deep x 1-9/16" High, Brushed Stainless Steel, Standard Drop-In Deal Tray (CRL CTDB16)	433.08	44.88

08 60 Roof Windows and Skylights *(08)*

Note: Includes hardware, caulk, sealant and necessary anchors.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

08 62 Unit Skylights *(08 60)*

08 62 23 Tubular Skylights *(08 62)*

08 62 23 00-0001 Aluminum Framed Solar Tube Skylights *(08 62 23)*

Note: Includes knock down curb with safety security guard, class 1 hail rated double glazed skylight, light shaft top trim, reflective light well, T-bar ceiling frame, acrylic diffuser lens and lens clip.

08 62 23 00-0002 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylights *(08 62 23 00-0001)*

08 62 23 00-0003	EA	2' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,311.20	192.60
		For Class 3 Hail Rated, Add	*4.00*	
		For Polycarbonate Diffuser Lens, Add	*7.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*20.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*49.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*69.00*	
		For Single Blade Louver, Add	*1,026.83*	
08 62 23 00-0004	EA	3' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,385.30	197.42
		For Class 3 Hail Rated, Add	*4.00*	
		For Polycarbonate Diffuser Lens, Add	*7.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*20.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*49.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*69.00*	
		For Single Blade Louver, Add	*1,027.79*	
08 62 23 00-0005	EA	4' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,457.22	202.23
		For Class 3 Hail Rated, Add	*4.00*	
		For Polycarbonate Diffuser Lens, Add	*7.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*20.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*49.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*69.00*	
		For Single Blade Louver, Add	*1,028.76*	
08 62 23 00-0006	EA	5' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,559.24	207.05
		For Class 3 Hail Rated, Add	*4.00*	
		For Polycarbonate Diffuser Lens, Add	*7.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*20.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*49.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*69.00*	
		For Single Blade Louver, Add	*1,029.72*	
08 62 23 00-0007	EA	6' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,648.37	211.86
		For Class 3 Hail Rated, Add	*4.00*	
		For Polycarbonate Diffuser Lens, Add	*7.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*20.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*49.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*69.00*	
		For Single Blade Louver, Add	*1,030.68*	
08 62 23 00-0008	EA	7' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,720.31	216.67
		For Class 3 Hail Rated, Add	*4.00*	
		For Polycarbonate Diffuser Lens, Add	*7.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*20.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*49.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*69.00*	
		For Single Blade Louver, Add	*1,031.65*	
08 62 23 00-0009	EA	8' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,792.24	221.49
		For Class 3 Hail Rated, Add	*4.00*	
		For Polycarbonate Diffuser Lens, Add	*7.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*20.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*49.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*69.00*	
		For Single Blade Louver, Add	*1,032.61*	
08 62 23 00-0010	EA	9' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,911.44	226.31
		For Class 3 Hail Rated, Add	*4.00*	
		For Polycarbonate Diffuser Lens, Add	*7.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*20.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*49.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*69.00*	
		For Single Blade Louver, Add	*1,033.57*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 62 23 00-0011	EA	10' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,983.39	231.12
		For Class 3 Hail Rated, Add	*4.00*	
		For Polycarbonate Diffuser Lens, Add	*7.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*20.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*49.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*69.00*	
		For Single Blade Louver, Add	*1,034.54*	
08 62 23 00-0012	EA	11' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	2,057.47	235.94
		For Class 3 Hail Rated, Add	*4.00*	
		For Polycarbonate Diffuser Lens, Add	*7.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*20.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*49.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*69.00*	
		For Single Blade Louver, Add	*1,035.50*	
08 62 23 00-0013	EA	12' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	2,129.40	240.76
		For Class 3 Hail Rated, Add	*4.00*	
		For Polycarbonate Diffuser Lens, Add	*7.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*20.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*49.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*69.00*	
		For Single Blade Louver, Add	*1,036.46*	
08 62 23 00-0014	EA	13' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	2,248.60	245.57
		For Class 3 Hail Rated, Add	*4.00*	
		For Polycarbonate Diffuser Lens, Add	*7.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*20.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*49.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*69.00*	
		For Single Blade Louver, Add	*1,037.42*	
08 62 23 00-0015	EA	14' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	2,320.55	250.38
		For Class 3 Hail Rated, Add	*4.00*	
		For Polycarbonate Diffuser Lens, Add	*7.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*20.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*49.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*69.00*	
		For Single Blade Louver, Add	*1,038.39*	
08 62 23 00-0016	EA	15' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	2,392.49	255.19
		For Class 3 Hail Rated, Add	*4.00*	
		For Polycarbonate Diffuser Lens, Add	*7.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*20.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*49.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*69.00*	
		For Single Blade Louver, Add	*1,039.35*	
08 62 23 00-0017	EA	16' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	2,464.41	260.01
		For Class 3 Hail Rated, Add	*4.00*	
		For Polycarbonate Diffuser Lens, Add	*7.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*20.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*49.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*69.00*	
		For Single Blade Louver, Add	*1,040.31*	

08 62 23 00-0018 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylights *(08 62 23 00-0001)*

08 62 23 00-0019	EA	2' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,601.25	192.60
		For Class 3 Hail Rated, Add	*5.00*	
		For Polycarbonate Diffuser Lens, Add	*8.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*22.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*50.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*86.00*	
		For Single Blade Louver, Add	*1,026.83*	
08 62 23 00-0020	EA	3' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,703.28	197.42
		For Class 3 Hail Rated, Add	*5.00*	
		For Polycarbonate Diffuser Lens, Add	*8.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*22.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*50.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*86.00*	
		For Single Blade Louver, Add	*1,027.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 62 23 00-0021	EA	4' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,805.28	202.23
		For Class 3 Hail Rated, Add	*5.00*	
		For Polycarbonate Diffuser Lens, Add	*8.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*22.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*50.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*86.00*	
		For Single Blade Louver, Add	*1,028.76*	
08 62 23 00-0022	EA	5' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	1,907.30	207.05
		For Class 3 Hail Rated, Add	*5.00*	
		For Polycarbonate Diffuser Lens, Add	*8.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*22.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*50.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*86.00*	
		For Single Blade Louver, Add	*1,029.72*	
08 62 23 00-0023	EA	6' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	2,073.78	211.86
		For Class 3 Hail Rated, Add	*5.00*	
		For Polycarbonate Diffuser Lens, Add	*8.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*22.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*50.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*86.00*	
		For Single Blade Louver, Add	*1,030.68*	
08 62 23 00-0024	EA	7' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	2,175.79	216.67
		For Class 3 Hail Rated, Add	*5.00*	
		For Polycarbonate Diffuser Lens, Add	*8.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*22.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*50.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*86.00*	
		For Single Blade Louver, Add	*1,031.65*	
08 62 23 00-0025	EA	8' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	2,277.80	221.49
		For Class 3 Hail Rated, Add	*5.00*	
		For Polycarbonate Diffuser Lens, Add	*8.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*22.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*50.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*86.00*	
		For Single Blade Louver, Add	*1,032.61*	
08 62 23 00-0026	EA	9' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	2,444.27	226.31
		For Class 3 Hail Rated, Add	*5.00*	
		For Polycarbonate Diffuser Lens, Add	*8.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*22.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*50.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*86.00*	
		For Single Blade Louver, Add	*1,033.57*	
08 62 23 00-0027	EA	10' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	2,546.29	231.12
		For Class 3 Hail Rated, Add	*5.00*	
		For Polycarbonate Diffuser Lens, Add	*8.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*22.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*50.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*86.00*	
		For Single Blade Louver, Add	*1,034.54*	
08 62 23 00-0028	EA	11' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	2,648.31	235.94
		For Class 3 Hail Rated, Add	*5.00*	
		For Polycarbonate Diffuser Lens, Add	*8.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*22.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*50.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*86.00*	
		For Single Blade Louver, Add	*1,035.50*	
08 62 23 00-0029	EA	12' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	2,750.32	240.76
		For Class 3 Hail Rated, Add	*5.00*	
		For Polycarbonate Diffuser Lens, Add	*8.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*22.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*50.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*86.00*	
		For Single Blade Louver, Add	*1,036.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 62 23 00-0030	EA	13' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	2,916.79	245.57
		For Class 3 Hail Rated, Add	*5.00*	
		For Polycarbonate Diffuser Lens, Add	*8.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*22.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*50.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*86.00*	
		For Single Blade Louver, Add	*1,037.42*	
08 62 23 00-0031	EA	14' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	3,018.81	250.38
		For Class 3 Hail Rated, Add	*5.00*	
		For Polycarbonate Diffuser Lens, Add	*8.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*22.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*50.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*86.00*	
		For Single Blade Louver, Add	*1,038.39*	
08 62 23 00-0032	EA	15' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	3,120.83	255.19
		For Class 3 Hail Rated, Add	*5.00*	
		For Polycarbonate Diffuser Lens, Add	*8.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*22.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*50.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*86.00*	
		For Single Blade Louver, Add	*1,039.35*	
08 62 23 00-0033	EA	16' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	3,222.83	260.01
		For Class 3 Hail Rated, Add	*5.00*	
		For Polycarbonate Diffuser Lens, Add	*8.00*	
		For High Velocity Hurricane Zone Rated, Add	*14.00*	
		For FM Approved, Add	*22.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*50.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*86.00*	
		For Single Blade Louver, Add	*1,040.31*	

08 62 23 00-0034 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylights *(08 62 23 00-0001)*

08 62 23 00-0035	EA	2' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	2,150.01	216.67
		For Class 3 Hail Rated, Add	*10.00*	
		For Polycarbonate Diffuser Lens, Add	*14.00*	
		For High Velocity Hurricane Zone Rated, Add	*22.00*	
		For FM Approved, Add	*36.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*95.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*145.00*	
		For Single Blade Louver, Add	*1,031.65*	
08 62 23 00-0036	EA	3' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	2,292.84	221.49
		For Class 3 Hail Rated, Add	*10.00*	
		For Polycarbonate Diffuser Lens, Add	*14.00*	
		For High Velocity Hurricane Zone Rated, Add	*22.00*	
		For FM Approved, Add	*36.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*95.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*145.00*	
		For Single Blade Louver, Add	*1,032.61*	
08 62 23 00-0037	EA	4' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	2,437.82	226.31
		For Class 3 Hail Rated, Add	*10.00*	
		For Polycarbonate Diffuser Lens, Add	*14.00*	
		For High Velocity Hurricane Zone Rated, Add	*22.00*	
		For FM Approved, Add	*36.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*95.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*145.00*	
		For Single Blade Louver, Add	*1,033.57*	
08 62 23 00-0038	EA	5' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	2,580.67	231.12
		For Class 3 Hail Rated, Add	*10.00*	
		For Polycarbonate Diffuser Lens, Add	*14.00*	
		For High Velocity Hurricane Zone Rated, Add	*22.00*	
		For FM Approved, Add	*36.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*95.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*145.00*	
		For Single Blade Louver, Add	*1,034.54*	
08 62 23 00-0039	EA	6' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	2,809.45	235.94
		For Class 3 Hail Rated, Add	*10.00*	
		For Polycarbonate Diffuser Lens, Add	*14.00*	
		For High Velocity Hurricane Zone Rated, Add	*22.00*	
		For FM Approved, Add	*36.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*95.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*145.00*	
		For Single Blade Louver, Add	*1,035.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 62 23 00-0040	EA	7' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	2,952.28	240.76
		For Class 3 Hail Rated, Add	*10.00*	
		For Polycarbonate Diffuser Lens, Add	*14.00*	
		For High Velocity Hurricane Zone Rated, Add	*22.00*	
		For FM Approved, Add	*36.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*95.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*145.00*	
		For Single Blade Louver, Add	*1,036.46*	
08 62 23 00-0041	EA	8' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	3,095.11	245.57
		For Class 3 Hail Rated, Add	*10.00*	
		For Polycarbonate Diffuser Lens, Add	*14.00*	
		For High Velocity Hurricane Zone Rated, Add	*22.00*	
		For FM Approved, Add	*36.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*95.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*145.00*	
		For Single Blade Louver, Add	*1,037.42*	
08 62 23 00-0042	EA	9' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	3,326.05	250.38
		For Class 3 Hail Rated, Add	*10.00*	
		For Polycarbonate Diffuser Lens, Add	*14.00*	
		For High Velocity Hurricane Zone Rated, Add	*22.00*	
		For FM Approved, Add	*36.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*95.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*145.00*	
		For Single Blade Louver, Add	*1,038.39*	
08 62 23 00-0043	EA	10' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	3,468.88	255.19
		For Class 3 Hail Rated, Add	*10.00*	
		For Polycarbonate Diffuser Lens, Add	*14.00*	
		For High Velocity Hurricane Zone Rated, Add	*22.00*	
		For FM Approved, Add	*36.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*95.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*145.00*	
		For Single Blade Louver, Add	*1,039.35*	
08 62 23 00-0044	EA	11' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	3,611.71	260.01
		For Class 3 Hail Rated, Add	*10.00*	
		For Polycarbonate Diffuser Lens, Add	*14.00*	
		For High Velocity Hurricane Zone Rated, Add	*22.00*	
		For FM Approved, Add	*36.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*95.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*145.00*	
		For Single Blade Louver, Add	*1,040.31*	
08 62 23 00-0045	EA	12' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	3,754.55	264.83
		For Class 3 Hail Rated, Add	*10.00*	
		For Polycarbonate Diffuser Lens, Add	*14.00*	
		For High Velocity Hurricane Zone Rated, Add	*22.00*	
		For FM Approved, Add	*36.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*95.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*145.00*	
		For Single Blade Louver, Add	*1,041.28*	
08 62 23 00-0046	EA	13' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	3,983.34	269.64
		For Class 3 Hail Rated, Add	*10.00*	
		For Polycarbonate Diffuser Lens, Add	*14.00*	
		For High Velocity Hurricane Zone Rated, Add	*22.00*	
		For FM Approved, Add	*36.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*95.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*145.00*	
		For Single Blade Louver, Add	*1,042.24*	
08 62 23 00-0047	EA	14' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	4,126.17	274.46
		For Class 3 Hail Rated, Add	*10.00*	
		For Polycarbonate Diffuser Lens, Add	*14.00*	
		For High Velocity Hurricane Zone Rated, Add	*22.00*	
		For FM Approved, Add	*36.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*95.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*145.00*	
		For Single Blade Louver, Add	*1,043.20*	
08 62 23 00-0048	EA	15' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	4,271.15	279.28
		For Class 3 Hail Rated, Add	*10.00*	
		For Polycarbonate Diffuser Lens, Add	*14.00*	
		For High Velocity Hurricane Zone Rated, Add	*22.00*	
		For FM Approved, Add	*36.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*95.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*145.00*	
		For Single Blade Louver, Add	*1,044.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 62 23 00-0049	EA	16' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight	4,413.99	284.09
		For Class 3 Hail Rated, Add	*10.00*	
		For Polycarbonate Diffuser Lens, Add	*14.00*	
		For High Velocity Hurricane Zone Rated, Add	*22.00*	
		For FM Approved, Add	*36.00*	
		For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add	*95.00*	
		For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add	*145.00*	
		For Single Blade Louver, Add	*1,045.13*	

08 63 Metal-Framed Skylights *(08 60)*

08 63 13 Domed Metal-Framed Skylights *(08 63)*

08 63 13 00-0001 Domed Aluminum Framed Skylights *(08 63 13)*

08 63 13 00-0002 Fixed Dome, Aluminum Framed Skylights *(08 63 13 00-0001)*

08 63 13 00-0003 Industrial Style Fixed Dome, Aluminum Framed Skylights *(08 63 13 00-0002)*

08 63 13 00-0004 Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylights *(08 63 13 00-0003)*

Note: Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, weather sweep, curb seal tape and fasteners. Excludes roof curb and flashing.

08 63 13 00-0005	EA	27-1/4" x 27-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	777.82	130.01
08 63 13 00-0006	EA	27-1/4" x 51-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	928.07	139.63
08 63 13 00-0007	EA	27-1/4" x 99-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,231.52	154.08
08 63 13 00-0008	EA	27-1/4" x 123-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,378.57	163.71
08 63 13 00-0009	EA	39-1/4" x 39-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	975.88	139.63
08 63 13 00-0010	EA	39-1/4" x 63-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,199.66	154.08
08 63 13 00-0011	EA	39-1/4" x 75-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,298.77	163.71
08 63 13 00-0012	EA	39-1/4" x 99-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,464.91	173.34
08 63 13 00-0013	EA	39-1/4" x 123-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,688.56	187.79
08 63 13 00-0014	EA	51-1/4" x 51-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,222.04	163.71
08 63 13 00-0015	EA	51-1/4" x 63-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,317.92	168.53
08 63 13 00-0016	EA	51-1/4" x 75-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,471.24	173.34
08 63 13 00-0017	EA	51-1/4" x 87-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,586.27	178.15
08 63 13 00-0018	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,746.08	192.60
08 63 13 00-0019	EA	52-1/4" x 123-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,944.14	202.23
08 63 13 00-0020	EA	63-1/4" x 63-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,432.93	173.34
08 63 13 00-0021	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,554.40	182.97
08 63 13 00-0022	EA	63-1/4" x 87-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,739.63	187.79
08 63 13 00-0023	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,841.90	197.42
08 63 13 00-0024	EA	63-1/4" x 123-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	2,103.80	207.05

08 63 13 00-0025 Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylights *(08 63 13 00-0003)*

Note: Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, weather sweep, curb seal tape and fasteners. Excludes roof curb and flashing.

08 63 13 00-0026	EA	27-1/4" x 27-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	937.42	130.01
08 63 13 00-0027	EA	27-1/4" x 51-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,084.47	139.63
08 63 13 00-0028	EA	27-1/4" x 99-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,356.01	154.08
08 63 13 00-0029	EA	27-1/4" x 123-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,506.25	163.71
08 63 13 00-0030	EA	39-1/4" x 39-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,090.79	139.63
08 63 13 00-0031	EA	39-1/4" x 63-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,289.03	154.08
08 63 13 00-0032	EA	39-1/4" x 75-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,394.53	163.71

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 63 13 00-0033	EA	39-1/4" x 99-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,573.43	173.34
08 63 13 00-0034	EA	39-1/4" x 123-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,752.40	187.79
08 63 13 00-0035	EA	51-1/4" x 51-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,311.42	163.71
08 63 13 00-0036	EA	51-1/4" x 63-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,420.07	168.53
08 63 13 00-0037	EA	51-1/4" x 75-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,525.50	173.34
08 63 13 00-0038	EA	51-1/4" x 87-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,646.91	178.15
08 63 13 00-0039	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,778.00	192.60
08 63 13 00-0040	EA	52-1/4" x 123-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,979.25	202.23
08 63 13 00-0041	EA	63-1/4" x 63-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,538.27	173.34
08 63 13 00-0042	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,669.31	182.97
08 63 13 00-0043	EA	63-1/4" x 87-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,806.67	187.79
08 63 13 00-0044	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,915.31	197.42
08 63 13 00-0045	EA	63-1/4" x 123-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	2,151.68	207.05

08 63 13 00-0046 High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylights *(08 63 13 00-0003)*

Note: Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, weather sweep, curb seal tape and fasteners. Excludes roof curb and flashing.

08 63 13 00-0047	EA	27-1/4" x 27-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	950.18	130.01
08 63 13 00-0048	EA	27-1/4" x 51-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,110.01	139.63
08 63 13 00-0049	EA	27-1/4" x 99-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,391.12	154.08
08 63 13 00-0050	EA	39-1/4" x 39-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,122.71	139.63
08 63 13 00-0051	EA	39-1/4" x 63-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,333.72	154.08
08 63 13 00-0052	EA	39-1/4" x 75-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,429.64	163.71
08 63 13 00-0053	EA	39-1/4" x 99-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,611.74	173.34
08 63 13 00-0054	EA	51-1/4" x 51-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,340.15	163.71
08 63 13 00-0055	EA	51-1/4" x 63-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,445.60	168.53
08 63 13 00-0056	EA	51-1/4" x 75-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,567.00	173.34
08 63 13 00-0057	EA	51-1/4" x 87-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,688.41	178.15
08 63 13 00-0058	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,829.07	192.60
08 63 13 00-0059	EA	63-1/4" x 63-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,576.57	173.34
08 63 13 00-0060	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,720.38	182.97
08 63 13 00-0061	EA	63-1/4" x 87-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,857.74	187.79
08 63 13 00-0062	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,966.38	197.42

08 63 13 00-0063 FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylights *(08 63 13 00-0003)*

Note: Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, weather sweep, curb seal tape and fasteners. Excludes roof curb and flashing.

08 63 13 00-0064	EA	27-1/4" x 27-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	972.53	130.01
08 63 13 00-0065	EA	27-1/4" x 51-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,145.12	139.63
08 63 13 00-0066	EA	27-1/4" x 99-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,423.04	154.08
08 63 13 00-0067	EA	27-1/4" x 123-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,621.16	163.71
08 63 13 00-0068	EA	39-1/4" x 39-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,154.63	139.63
08 63 13 00-0069	EA	39-1/4" x 63-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,362.45	154.08

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 63 13 00-0070	EA	39-1/4" x 75-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,461.56	163.71
08 63 13 00-0071	EA	39-1/4" x 99-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,659.62	173.34
08 63 13 00-0072	EA	51-1/4" x 51-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,375.26	163.71
08 63 13 00-0073	EA	51-1/4" x 63-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,480.71	168.53
08 63 13 00-0074	EA	51-1/4" x 75-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,611.68	173.34
08 63 13 00-0075	EA	51-1/4" x 87-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,736.29	178.15
08 63 13 00-0076	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,880.15	192.60
08 63 13 00-0077	EA	63-1/4" x 63-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,624.45	173.34
08 63 13 00-0078	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,768.26	182.97
08 63 13 00-0079	EA	63-1/4" x 87-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,908.81	187.79
08 63 13 00-0080	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	2,023.84	197.42

08 63 13 00-0081 Curb Top Inserts *(08 63 13 00-0003)*

Note: For use with industrial style fixed dome skylights for better u-value and solar heat gain coefficient/shading coefficient (SHGC/SC) properties. Includes mill finish aluminum frame and acrylic or polycarbonate glazing. Excludes roof curb and flashing.

08 63 13 00-0082 Single Glazed, Aluminum Framed Curb Top Inserts *(08 63 13 00-0081)*

08 63 13 00-0083	EA	27-1/4" x 51-1/4" Inside Frame Dimensions, Single Glazed, Aluminum Framed Curb Top Insert	269.95	62.59
08 63 13 00-0084	EA	51-1/4" x 51-1/4" Inside Frame Dimensions, Single Glazed, Aluminum Framed Curb Top Insert	356.32	72.22
08 63 13 00-0085	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, Single Glazed, Aluminum Framed Curb Top Insert	572.50	96.30
08 63 13 00-0086	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, Single Glazed, Aluminum Framed Curb Top Insert	529.10	86.67
08 63 13 00-0087	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, Single Glazed, Aluminum Framed Curb Top Insert	632.66	96.30

08 63 13 00-0088 Double Glazed, Aluminum Framed Curb Top Inserts *(08 63 13 00-0081)*

08 63 13 00-0089	EA	27-1/4" x 51-1/4" Inside Frame Dimensions, Double Glazed, Aluminum Framed Curb Top Insert	358.03	62.59
08 63 13 00-0090	EA	51-1/4" x 51-1/4" Inside Frame Dimensions, Double Glazed, Aluminum Framed Curb Top Insert	526.05	72.22
08 63 13 00-0091	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, Double Glazed, Aluminum Framed Curb Top Insert	879.74	96.30
08 63 13 00-0092	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, Double Glazed, Aluminum Framed Curb Top Insert	855.67	86.67
08 63 13 00-0093	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, Double Glazed, Aluminum Framed Curb Top Insert	1,058.06	96.30

08 63 13 00-0094 Triple Glazed, Aluminum Framed Curb Top Inserts *(08 63 13 00-0081)*

08 63 13 00-0095	EA	27-1/4" x 51-1/4" Inside Frame Dimensions, Triple Glazed, Aluminum Framed Curb Top Insert	443.97	62.59
08 63 13 00-0096	EA	51-1/4" x 51-1/4" Inside Frame Dimensions, Triple Glazed, Aluminum Framed Curb Top Insert	687.19	72.22
08 63 13 00-0097	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, Triple Glazed, Aluminum Framed Curb Top Insert	1,257.87	96.30
08 63 13 00-0098	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, Triple Glazed, Aluminum Framed Curb Top Insert	1,160.75	86.67
08 63 13 00-0099	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, Triple Glazed, Aluminum Framed Curb Top Insert	1,453.39	96.30

08 63 13 00-0100 Pyramid Style Fixed Dome, Aluminum Framed Skylights *(08 63 13 00-0002)*

08 63 13 00-0101 Acrylic/Acrylic Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight *(08 63 13 00-0100)*

Note: Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, weather sweep, curb seal tape and fasteners. Excludes roof curb and flashing.

08 63 13 00-0102	EA	27-1/4" x 27-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight	720.36	130.01
08 63 13 00-0103	EA	39-1/4" x 39-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight	886.51	139.63
08 63 13 00-0104	EA	51-1/4" x 51-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight	1,132.67	163.71
08 63 13 00-0105	EA	63-1/4" x 63-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight	1,397.82	173.34

08 63 13 00-0106 Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight *(08 63 13 00-0100)*

Note: Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, weather sweep, curb seal tape and fasteners. Excludes roof curb and flashing.

08 63 13 00-0107	EA	27-1/4" x 27-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight	969.34	130.01
08 63 13 00-0108	EA	39-1/4" x 39-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight	1,141.87	139.63
08 63 13 00-0109	EA	51-1/4" x 51-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight	1,365.68	163.71
08 63 13 00-0110	EA	63-1/4" x 63-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight	1,611.68	173.34

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 63 13 00-0111		**Double Hip Style Fixed Dome, Aluminum Framed Skylights** *(08 63 13 00-0002)*		
08 63 13 00-0112		**Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight** *(08 63 13 00-0111)*		
		Note: Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, weather sweep, curb seal tape and fasteners. Excludes roof curb and flashing.		
08 63 13 00-0113	EA	27-1/4" x 51-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	838.46	130.01
08 63 13 00-0114	EA	27-1/4" x 99-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,135.76	154.08
08 63 13 00-0115	EA	27-1/4" x 123-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,327.50	163.71
08 63 13 00-0116	EA	39-1/4" x 63-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,078.36	154.08
08 63 13 00-0117	EA	39-1/4" x 75-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,174.28	163.71
08 63 13 00-0118	EA	39-1/4" x 99-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,394.68	173.34
08 63 13 00-0119	EA	39-1/4" x 123-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,621.53	187.79
08 63 13 00-0120	EA	51-1/4" x 63-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,231.74	168.53
08 63 13 00-0121	EA	51-1/4" x 75-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,346.75	173.34
08 63 13 00-0122	EA	51-1/4" x 87-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,471.35	178.15
08 63 13 00-0123	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,605.63	192.60
08 63 13 00-0124	EA	52-1/4" x 123-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,873.91	202.23
08 63 13 00-0125	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,519.29	182.97
08 63 13 00-0126	EA	63-1/4" x 87-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,691.75	187.79
08 63 13 00-0127	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,809.98	197.42
08 63 13 00-0128	EA	63-1/4" x 123-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	2,068.69	207.05
08 63 13 00-0129		**Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight** *(08 63 13 00-0111)*		
		Note: Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, weather sweep, curb seal tape and fasteners. Excludes roof curb and flashing.		
08 63 13 00-0130	EA	27-1/4" x 27-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	946.99	130.01
08 63 13 00-0131	EA	27-1/4" x 51-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,100.43	139.63
08 63 13 00-0132	EA	27-1/4" x 99-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,371.97	154.08
08 63 13 00-0133	EA	39-1/4" x 39-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,113.14	139.63
08 63 13 00-0134	EA	39-1/4" x 51-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,225.02	149.27
08 63 13 00-0135	EA	39-1/4" x 63-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,314.57	154.08
08 63 13 00-0136	EA	39-1/4" x 75-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,410.49	163.71
08 63 13 00-0137	EA	39-1/4" x 99-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,595.78	173.34
08 63 13 00-0138	EA	51-1/4" x 51-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,327.38	168.53
08 63 13 00-0139	EA	51-1/4" x 63-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,432.83	168.53
08 63 13 00-0140	EA	51-1/4" x 75-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,547.84	173.34
08 63 13 00-0141	EA	51-1/4" x 87-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,666.07	178.15
08 63 13 00-0142	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,803.54	192.60
08 63 13 00-0143	EA	63-1/4" x 63-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,554.23	173.34
08 63 13 00-0144	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,698.04	182.97
08 63 13 00-0145	EA	63-1/4" x 87-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,832.20	187.79
08 63 13 00-0146	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,937.66	197.42

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 63 13 00-0147		Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight *(08 63 13 00-0111)*		
		Note: Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, weather sweep, curb seal tape and fasteners. Excludes roof curb and flashing.		
08 63 13 00-0148	EA	27-1/4" x 51-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,090.86	139.63
08 63 13 00-0149	EA	27-1/4" x 99-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,413.47	154.08
08 63 13 00-0150	EA	39-1/4" x 63-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,349.68	154.08
08 63 13 00-0151	EA	39-1/4" x 75-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,451.99	163.71
08 63 13 00-0152	EA	39-1/4" x 99-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,646.85	173.34
08 63 13 00-0153	EA	51-1/4" x 63-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,471.14	168.53
08 63 13 00-0154	EA	51-1/4" x 75-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,595.72	173.34
08 63 13 00-0155	EA	51-1/4" x 87-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,723.52	178.15
08 63 13 00-0156	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,854.61	192.60
08 63 13 00-0157	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,755.50	182.97
08 63 13 00-0158	EA	63-1/4" x 87-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,896.04	187.79
08 63 13 00-0159	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	2,007.88	197.42
08 63 13 00-0160		Smoke Vent Dome, Aluminum Framed Skylights *(08 63 13 00-0001)*		
08 63 13 00-0161		Industrial Style Smoke Vent Dome, Aluminum Framed Skylights *(08 63 13 00-0160)*		
		Note: UL listed or FM approved. Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, curb seal tape, weather sweep, fasteners, fusible link with a minimum temperature rating of 165 degrees, gas shocks and exterior manual release cable for testing. Excludes roof curb and flashing.		
08 63 13 00-0162		Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylights *(08 63 13 00-0161)*		
08 63 13 00-0163		10 LB Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylights *(08 63 13 00-0162)*		
08 63 13 00-0164	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, 10 LB Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	4,306.07	192.60
08 63 13 00-0165	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, 10 LB Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	3,996.32	182.97
08 63 13 00-0166	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, 10 LB Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	4,519.93	192.60
08 63 13 00-0167		25 LB Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylights *(08 63 13 00-0162)*		
08 63 13 00-0168	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, 25 LB Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	5,579.67	192.60
08 63 13 00-0169	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, 25 LB Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	5,282.70	182.97
08 63 13 00-0170	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, 25 LB Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	5,870.15	192.60
08 63 13 00-0171		30 LB Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylights *(08 63 13 00-0162)*		
08 63 13 00-0172	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, 30 LB Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	5,946.75	192.60
08 63 13 00-0173	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, 30 LB Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	5,643.40	182.97
08 63 13 00-0174	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, 30 LB Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	6,230.84	192.60
08 63 13 00-0175		Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylights *(08 63 13 00-0161)*		
08 63 13 00-0176		10 LB Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylights *(08 63 13 00-0175)*		
08 63 13 00-0177	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, 10 LB Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	4,325.22	192.60
08 63 13 00-0178	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, 10 LB Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	4,015.48	182.97
08 63 13 00-0179	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, 10 LB Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	4,548.66	192.60

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 63 13 00-0180		25 LB Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylights *(08 63 13 00-0175)*		
08 63 13 00-0181	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, 25 LB Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	5,605.21	192.60
08 63 13 00-0182	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, 25 LB Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	5,301.85	182.97
08 63 13 00-0183	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, 25 LB Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	5,902.07	192.60
08 63 13 00-0184		30 LB Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylights *(08 63 13 00-0175)*		
08 63 13 00-0185	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, 30 LB Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	5,965.91	192.60
08 63 13 00-0186	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, 30 LB Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	5,662.55	182.97
08 63 13 00-0187	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, 30 LB Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	6,262.76	192.60

08 66 Wood-Framed Skylights *(08 60)*

08 66 00 00-0001		Wood-Framed Skylights (Andersen 400 Series) *(08 66)*		
08 66 00 00-0002	EA	16-1/2" x 38", Domed, Wood-Framed Skylight (Andersen 400 Series)	690.43	148.72
		For Tempered Laminated Low-E Insulated Glass, Add	*98.25*	
		For Aluminum Shingle Flashing, Add	*78.60*	
08 66 00 00-0003	EA	16-1/2" x 46", Domed, Wood-Framed Skylight (Andersen 400 Series)	706.47	148.72
		For Tempered Laminated Low-E Insulated Glass, Add	*102.26*	
		For Aluminum Shingle Flashing, Add	*81.81*	
08 66 00 00-0004	EA	24-1/2" x 27", Domed, Wood-Framed Skylight (Andersen 400 Series)	668.37	148.72
		For Tempered Laminated Low-E Insulated Glass, Add	*92.73*	
		For Aluminum Shingle Flashing, Add	*74.19*	
08 66 00 00-0005	EA	24-1/2" x 38", Domed, Wood-Framed Skylight (Andersen 400 Series)	718.50	148.72
		For Tempered Laminated Low-E Insulated Glass, Add	*105.27*	
		For Aluminum Shingle Flashing, Add	*84.21*	
08 66 00 00-0006	EA	24-1/2" x 46", Domed, Wood-Framed Skylight (Andersen 400 Series)	760.61	148.72
		For Tempered Laminated Low-E Insulated Glass, Add	*115.79*	
		For Aluminum Shingle Flashing, Add	*92.63*	
08 66 00 00-0007	EA	24-1/2" x 57", Domed, Wood-Framed Skylight (Andersen 400 Series)	828.78	148.72
		For Tempered Laminated Low-E Insulated Glass, Add	*132.84*	
		For Aluminum Shingle Flashing, Add	*106.27*	
08 66 00 00-0008	EA	24-1/2" x 72", Domed, Wood-Framed Skylight (Andersen 400 Series)	914.99	148.72
		For Tempered Laminated Low-E Insulated Glass, Add	*154.39*	
		For Aluminum Shingle Flashing, Add	*123.51*	
08 66 00 00-0009	EA	27" x 24-1/2", Domed, Wood-Framed Skylight (Andersen 400 Series)	668.37	148.72
		For Tempered Laminated Low-E Insulated Glass, Add	*92.73*	
		For Aluminum Shingle Flashing, Add	*74.19*	
08 66 00 00-0010	EA	28" x 38", Domed, Wood-Framed Skylight (Andersen 400 Series)	770.63	148.72
		For Tempered Laminated Low-E Insulated Glass, Add	*118.30*	
		For Aluminum Shingle Flashing, Add	*94.64*	
08 66 00 00-0011	EA	28" x 46", Domed, Wood-Framed Skylight (Andersen 400 Series)	828.78	148.72
		For Tempered Laminated Low-E Insulated Glass, Add	*132.84*	
		For Aluminum Shingle Flashing, Add	*106.27*	
08 66 00 00-0012	EA	28" x 57", Domed, Wood-Framed Skylight (Andersen 400 Series)	894.94	148.72
		For Tempered Laminated Low-E Insulated Glass, Add	*149.38*	
		For Aluminum Shingle Flashing, Add	*119.50*	
08 66 00 00-0013	EA	28" x 72", Domed, Wood-Framed Skylight (Andersen 400 Series)	983.16	148.72
		For Tempered Laminated Low-E Insulated Glass, Add	*171.43*	
		For Aluminum Shingle Flashing, Add	*137.14*	
08 66 00 00-0014	EA	38" x 16-1/2", Domed, Wood-Framed Skylight (Andersen 400 Series)	690.43	148.72
		For Tempered Laminated Low-E Insulated Glass, Add	*98.25*	
		For Aluminum Shingle Flashing, Add	*78.60*	
08 66 00 00-0015	EA	38" x 24-1/2", Domed, Wood-Framed Skylight (Andersen 400 Series)	718.50	148.72
		For Tempered Laminated Low-E Insulated Glass, Add	*105.27*	
		For Aluminum Shingle Flashing, Add	*84.21*	
08 66 00 00-0016	EA	38" x 28", Domed, Wood-Framed Skylight (Andersen 400 Series)	770.63	148.72
		For Tempered Laminated Low-E Insulated Glass, Add	*118.30*	
		For Aluminum Shingle Flashing, Add	*94.64*	
08 66 00 00-0017	EA	44" x 46", Domed, Wood-Framed Skylight (Andersen 400 Series)	955.09	148.72
		For Tempered Laminated Low-E Insulated Glass, Add	*164.41*	
		For Aluminum Shingle Flashing, Add	*131.53*	
08 66 00 00-0018	EA	46" x 16-1/2", Domed, Wood-Framed Skylight (Andersen 400 Series)	706.47	148.72
		For Tempered Laminated Low-E Insulated Glass, Add	*102.26*	
		For Aluminum Shingle Flashing, Add	*81.81*	
08 66 00 00-0019	EA	46" x 24-1/2", Domed, Wood-Framed Skylight (Andersen 400 Series)	760.61	148.72
		For Tempered Laminated Low-E Insulated Glass, Add	*115.79*	
		For Aluminum Shingle Flashing, Add	*92.63*	
08 66 00 00-0020	EA	46" x 28", Domed, Wood-Framed Skylight (Andersen 400 Series)	828.78	148.72
		For Tempered Laminated Low-E Insulated Glass, Add	*132.84*	
		For Aluminum Shingle Flashing, Add	*106.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 66 00 00-0021	EA	46" x 44", Domed, Wood-Framed Skylight (Andersen 400 Series)	955.09	148.72
		For Tempered Laminated Low-E Insulated Glass, Add	*164.41*	
		For Aluminum Shingle Flashing, Add	*131.53*	
08 66 00 00-0022	EA	57" x 24-1/2", Domed, Wood-Framed Skylight (Andersen 400 Series)	828.78	148.72
		For Tempered Laminated Low-E Insulated Glass, Add	*132.84*	
		For Aluminum Shingle Flashing, Add	*106.27*	
08 66 00 00-0023	EA	57" x 28", Domed, Wood-Framed Skylight (Andersen 400 Series)	894.94	148.72
		For Tempered Laminated Low-E Insulated Glass, Add	*149.38*	
		For Aluminum Shingle Flashing, Add	*119.50*	
08 66 00 00-0024	EA	72" x 24-1/2", Domed, Wood-Framed Skylight (Andersen 400 Series)	914.99	148.72
		For Tempered Laminated Low-E Insulated Glass, Add	*154.39*	
		For Aluminum Shingle Flashing, Add	*123.51*	
08 66 00 00-0025	EA	72" x 28", Domed, Wood-Framed Skylight (Andersen 400 Series)	983.16	148.72
		For Tempered Laminated Low-E Insulated Glass, Add	*171.43*	
		For Aluminum Shingle Flashing, Add	*137.14*	

08 70 Hardware *(08)*

08 71 Door Hardware *(08 70)*

08 71 11 Door Hardware *(08 71)*

Note: All hardware is ANSI/BHMA Grade 1 unless otherwise noted. See CSI section 08 05 13 00-0050 for removal and reinstallation of exisiting door where required for modifications.

08 71 11 00-0001 Hinges *(08 71 11)*

Note: Unit of measure "PR" indicates that two (2) sets of hinges (top and bottom) are priced. For doors with three (3) sets of hinges (top, middle and bottom), use 1.5 pairs. Excludes mortise preparation for wood doors.

08 71 11 00-0002 Brass/Bronze, Satin Chrome Finish Hinges *(08 71 11 00-0001)*

Note: US26D (BHMA 626) satin chrome finish.

08 71 11 00-0003 Standard Duty, Full Mortise, Plain Bearing, Brass/Bronze, Satin Chrome Finish Hinges *(08 71 11 00-0002)*

Note: Set into the mortised edge of the door and mortised rabbet edge of the frame.

08 71 11 00-0004	PR	3-1/2" x 3-1/2" Standard Duty, Full Mortise, Plain Bearing, Brass/Bronze, Satin Chrome Finish Hinge	90.83	8.32
		For Clear Coated Bright Brass, Add	*6.55*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0005	PR	4" x 4" Standard Duty, Full Mortise, Plain Bearing, Brass/Bronze, Satin Chrome Finish Hinge	99.67	11.90
		For Clear Coated Bright Brass, Add	*7.29*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0006	PR	4-1/2" x 4-1/2" Standard Duty, Full Mortise, Plain Bearing, Brass/Bronze, Satin Chrome Finish Hinge	111.55	13.08
		For Clear Coated Bright Brass, Add	*6.10*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	

08 71 11 00-0007 Standard Duty, Full Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinges *(08 71 11 00-0002)*

Note: Set into the mortised edge of the door and mortised rabbet edge of the frame.

08 71 11 00-0008	PR	3-1/2" x 3-1/2" Standard Duty, Full Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	104.94	8.32
		For Clear Coated Bright Brass, Add	*8.41*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0009	PR	4" x 4" Standard Duty, Full Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	119.52	11.90
		For Clear Coated Bright Brass, Add	*8.41*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0010	PR	4-1/2" x 4-1/2" Standard Duty, Full Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	121.04	13.08
		For Clear Coated Bright Brass, Add	*7.43*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0011	PR	5" x 4-1/2" Standard Duty, Full Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	141.40	15.47
		For Clear Coated Bright Brass, Add	*8.69*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0012	PR	5" x 5" Standard Duty, Full Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	142.34	15.47
		For Clear Coated Bright Brass, Add	*8.82*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0013	PR	6" x 5" Standard Duty, Full Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	153.15	19.87
		For Clear Coated Bright Brass, Add	*10.34*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	

08 71 11 00-0014 Standard Duty, Full Mortise, Concealed Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinges *(08 71 11 00-0002)*

Note: Set into the mortised edge of the door and mortised rabbet edge of the frame.

08 71 11 00-0015	PR	3-1/2" x 3-1/2", Standard Duty, Full Mortise, Concealed Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	119.40	8.32
08 71 11 00-0016	PR	4" x 4", Standard Duty, Full Mortise, Concealed Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	133.98	11.90
08 71 11 00-0017	PR	4-1/2" x 4-1/2", Standard Duty, Full Mortise, Concealed Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	136.77	13.08
08 71 11 00-0018	PR	5" x 4", Standard Duty, Full Mortise, Concealed Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	158.75	15.47

08 71 11 00-0019 Standard Duty, Half Surface, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinges *(08 71 11 00-0002)*

Note: Surface mounted to the face of the door and set into mortised rabbet edge of the frame.

08 71 11 00-0020	PR	4-1/2" x 4-1/2" Standard Duty, Half Surface, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	152.61	13.08
		For Clear Coated Bright Brass, Add	*11.85*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0021	PR	5" x 4" Standard Duty, Half Surface, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	173.23	15.47
		For Clear Coated Bright Brass, Add	*13.15*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0022	PR	5" x 5" Standard Duty, Half Surface, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	193.11	15.47
		For Clear Coated Bright Brass, Add	*15.93*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	

08 71 11 00-0023 Standard Duty, Half Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinges *(08 71 11 00-0002)*

Note: Set into mortised edge of the door and surface applied to the face of the frame.

08 71 11 00-0024	PR	4-1/2" x 4-1/2" Standard Duty, Half Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	156.54	13.08
		For Clear Coated Bright Brass, Add	*12.40*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0025	PR	5" x 4" Standard Duty, Half Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	184.42	15.47
		For Clear Coated Bright Brass, Add	*14.71*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	

08 71 11 00-0026 Heavy Duty, Full Mortise, Plain Bearing, Brass/Bronze Satin Chrome Finish Hinge *(08 71 11 00-0002)*

Note: Set into the mortised edge of the door and mortised rabbet edge of the frame.

08 71 11 00-0027	PR	4-1/2" x 4-1/2" Heavy Duty, Full Mortise, Plain Bearing, Brass/Bronze, Satin Chrome Finish Hinge	151.78	13.08
		For Clear Coated Bright Brass, Add	*11.73*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0028	PR	5" x 5" Heavy Duty, Full Mortise, Plain Bearing, Brass/Bronze, Satin Chrome Finish Hinge	175.40	19.87
		For Clear Coated Bright Brass, Add	*13.45*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	

08 71 11 00-0029 Mortised, Wrought Steel Hinges *(08 71 11 00-0001)*

Note: Clear coated, US 26D satin chrome finish (BHMA 652).

08 71 11 00-0030 Full Mortise, Plain Bearing, Wrought Steel Hinges *(08 71 11 00-0029)*

Note: Set into the mortised edge of the door and mortised rabbet edge of the frame.

08 71 11 00-0031	PR	3-1/2" x 3-1/2", Standard Duty, Full Mortise, Plain Bearing, Wrought Steel Hinge	62.53	8.32
		For Primed For Paint Finish, Deduct	*-3.53*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*2.20*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-2.12*	
		For Stainless Steel, Add	*9.70*	
		For Heavy Duty, Add	*2.64*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0032	PR	4" x 4", Standard Duty, Full Mortise, Plain Bearing, Wrought Steel Hinge	78.94	11.90
		For Primed For Paint Finish, Deduct	*-3.89*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*2.43*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-2.34*	
		For Stainless Steel, Add	*10.70*	
		For Heavy Duty, Add	*2.92*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0033	PR	4-1/2" x 4-1/2", Standard Duty, Full Mortise, Plain Bearing, Wrought Steel Hinge	91.70	13.08
		For Primed For Paint Finish, Deduct	*-4.74*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*2.96*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-2.85*	
		For Stainless Steel, Add	*13.04*	
		For Heavy Duty, Add	*3.56*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	

08 71 11 00-0034 Full Mortise, Ball Bearing, Wrought Steel Hinges *(08 71 11 00-0029)*

Note: Set into the mortised edge of the door and mortised rabbet edge of the frame.

08 71 11 00-0035	PR	3-1/2" x 3-1/2", Standard Duty, Full Mortise, Ball Bearing, Wrought Steel Hinge	109.17	8.32
		For Primed For Paint Finish, Deduct	*-12.85*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*8.03*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-7.71*	
		For Stainless Steel, Add	*35.35*	
		For Heavy Duty, Add	*9.64*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0036	PR	4" x 4", Standard Duty, Full Mortise, Ball Bearing, Wrought Steel Hinge	132.26	11.90
		For Primed For Paint Finish, Deduct	*-14.56*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*9.10*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-8.73*	
		For Stainless Steel, Add	*40.03*	
		For Heavy Duty, Add	*10.92*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0037	PR	4-1/2" x 4-1/2", Standard Duty, Full Mortise, Ball Bearing, Wrought Steel Hinge	109.46	13.08
		For Primed For Paint Finish, Deduct	*-8.29*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*5.18*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-4.98*	
		For Stainless Steel, Add	*22.81*	
		For Heavy Duty, Add	*6.22*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0038	PR	5" x 4-1/2", Standard Duty, Full Mortise, Ball Bearing, Wrought Steel Hinge	185.72	15.47
		For Primed For Paint Finish, Deduct	*-21.28*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*13.30*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-12.77*	
		For Stainless Steel, Add	*58.52*	
		For Heavy Duty, Add	*15.96*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0039	PR	5" x 5", Standard Duty, Full Mortise, Ball Bearing, Wrought Steel Hinge	200.74	15.47
		For Primed For Paint Finish, Deduct	*-24.28*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*15.18*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-14.57*	
		For Stainless Steel, Add	*66.78*	
		For Heavy Duty, Add	*18.21*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0040	PR	6" x 5", Standard Duty, Full Mortise, Ball Bearing, Wrought Steel Hinge	246.52	15.47
		For Primed For Paint Finish, Deduct	*-33.44*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*20.90*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-20.06*	
		For Stainless Steel, Add	*91.96*	
		For Heavy Duty, Add	*25.08*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	

08 71 11 00-0041 Half Surface, Plain Bearing, Wrought Steel Hinges *(08 71 11 00-0029)*

Note: Surface mounted to the face of the door and set into mortised rabbet edge of the frame.

08 71 11 00-0042	PR	3-1/2" x 3-1/2", Standard Duty, Half Surface, Plain Bearing, Wrought Steel Hinge	136.10	8.32
		For Primed For Paint Finish, Deduct	*-18.24*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*11.40*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-10.94*	
		For Stainless Steel, Add	*50.16*	
		For Heavy Duty, Add	*13.68*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0043	PR	4" x 4", Standard Duty, Half Surface, Plain Bearing, Wrought Steel Hinge	162.84	11.90
		For Primed For Paint Finish, Deduct	*-20.67*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*12.92*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-12.40*	
		For Stainless Steel, Add	*56.85*	
		For Heavy Duty, Add	*15.50*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0044	PR	4-1/2" x 4-1/2", Standard Duty, Half Surface, Plain Bearing, Wrought Steel Hinge	183.51	13.08
		For Primed For Paint Finish, Deduct	*-23.10*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*14.44*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-13.86*	
		For Stainless Steel, Add	*63.54*	
		For Heavy Duty, Add	*17.33*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0045	PR	5" x 4-1/2", Standard Duty, Half Surface, Plain Bearing, Wrought Steel Hinge	207.00	15.47
		For Primed For Paint Finish, Deduct	*-25.54*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*15.96*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-15.32*	
		For Stainless Steel, Add	*70.22*	
		For Heavy Duty, Add	*19.15*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	

08 71 11 00-0046 Half Surface, Ball Bearing, Wrought Steel Hinges *(08 71 11 00-0029)*

Note: Surface mounted to the face of the door and set into mortised rabbet edge of the frame.

08 71 11 00-0047	PR	4" x 4", Standard Duty, Half Surface, Ball Bearing, Wrought Steel Hinge	190.20	13.08
		For Primed For Paint Finish, Deduct	*-26.14*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*16.34*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-15.69*	
		For Stainless Steel, Add	*71.90*	
		For Heavy Duty, Add	*19.61*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0048	PR	4-1/2" x 4-1/2", Standard Duty, Half Surface, Ball Bearing, Wrought Steel Hinge	212.64	13.08
		For Primed For Paint Finish, Deduct	*-28.93*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*18.08*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-17.36*	
		For Stainless Steel, Add	*79.56*	
		For Heavy Duty, Add	*21.70*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0049	PR	5" x 5", Standard Duty, Half Surface, Ball Bearing, Wrought Steel Hinge	246.52	15.47
		For Primed For Paint Finish, Deduct	*-33.44*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*20.90*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-20.06*	
		For Stainless Steel, Add	*91.96*	
		For Heavy Duty, Add	*25.08*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	

08 71 11 00-0050 Slide-In, Full Mortise, Ball Bearing, Wrought Steel Hinges *(08 71 11 00-0029)*

Note: Both leaves slide into a cavity prepared in the door and door frame.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0051	PR	4-1/2" x 4-1/2", Standard Duty, Slide In, Full Mortise, Ball Bearing, Wrought Steel Hinge	153.63	13.08
		For Primed For Paint Finish, Deduct	*-17.13*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*10.71*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-10.28*	
		For Stainless Steel, Add	*47.10*	
		For Heavy Duty, Add	*12.85*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0052		**Blank Butt Hinges** *(08 71 11 00-0029)*		
08 71 11 00-0053	PR	3-1/2" x 3-1/2" To 5" x 5", Blank Butt With Screws, Steel Hinge	32.17	5.35
		For Primed For Paint Finish, Deduct	*-2.18*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*1.36*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-1.31*	
		For Stainless Steel, Add	*6.00*	
		For Heavy Duty, Add	*1.64*	
		For Pair Of Non-Removable Pins (NRP), Add	*6.00*	
08 71 11 00-0054		**Full Mortise, Single Acting Spring, Wrought Steel Hinges** *(08 71 11 00-0029)*		
		Note: Set into the mortised edge of the door and mortised rabbet edge of the frame.		
08 71 11 00-0055	PR	3-1/2" x 3-1/2", Full Mortise, Single Acting Spring, Wrought Steel Hinge	126.70	8.32
		For Primed For Paint Finish, Deduct	*-16.36*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*10.23*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-9.82*	
		For Stainless Steel, Add	*44.99*	
08 71 11 00-0056	PR	4" x 4", Full Mortise, Single Acting Spring, Wrought Steel Hinge	166.48	11.90
		For Primed For Paint Finish, Deduct	*-21.40*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*13.38*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-12.84*	
		For Stainless Steel, Add	*58.85*	
08 71 11 00-0057	PR	4-1/2" x 4-1/2", Full Mortise, Single Acting Spring, Wrought Steel Hinge	225.38	13.08
		For Primed For Paint Finish, Deduct	*-31.48*	
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	*19.67*	
		For Satin Brass Plated Clear Coated Finish, Deduct	*-18.89*	
		For Stainless Steel, Add	*86.56*	
08 71 11 00-0058		**Offset And Pivot Hinges** *(08 71 11 00-0001)*		
		Note: Satin chrome plated, US26D.		
08 71 11 00-0059		**Offset Swing Clear Hinges** *(08 71 11 00-0058)*		
		Note: For use on 1-3/8" and 1-3/4" doors. Allows doors to swing completely clear of the openings.		
08 71 11 00-0060	EA	4-1/2", Steel, Satin Chrome Finish, Swing Clear, Offset Hinges	191.55	3.71
08 71 11 00-0061		**Offset Pivot Hinges** *(08 71 11 00-0058)*		
08 71 11 00-0062		**3/4" Offset Pivot Hinges** *(08 71 11 00-0061)*		
08 71 11 00-0063		**3/4" Offset Pivot Hinges** *(08 71 11 00-0062)*		
08 71 11 00-0064		**Top Mount, 3/4" Offset Pivot Hinges** *(08 71 11 00-0063)*		
08 71 11 00-0065		**200 LB Max Door Weight, Top Mount, 3/4" Offset Pivot Hinges** *(08 71 11 00-0064)*		
08 71 11 00-0066	EA	Painted Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7212 Top)	147.05	11.90
08 71 11 00-0067	EA	Satin Chrome Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7212 Top)	197.48	11.90
08 71 11 00-0068	EA	Bright Brass Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7212 Top)	225.50	11.90
08 71 11 00-0069	EA	Satin Brass Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7212 Top)	225.50	11.90
08 71 11 00-0070	EA	Satin Bronze Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7212 Top)	225.50	11.90
08 71 11 00-0071	EA	Dark Bronze Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7212 Top)	225.50	11.90
08 71 11 00-0072	EA	Bright Chrome Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7212 Top)	225.50	11.90
08 71 11 00-0073	EA	Painted Finish, 200 LB Max Door Weight, Top Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212V Top)	161.62	11.90
08 71 11 00-0074	EA	Satin Chrome Finish, 200 LB Max Door Weight, Top Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212V Top)	205.34	11.90
08 71 11 00-0075	EA	Bright Brass Finish, 200 LB Max Door Weight, Top Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212V Top)	234.46	11.90
08 71 11 00-0076	EA	Satin Brass Finish, 200 LB Max Door Weight, Top Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212V Top)	234.46	11.90
08 71 11 00-0077	EA	Satin Bronze Finish, 200 LB Max Door Weight, Top Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212V Top)	234.46	11.90
08 71 11 00-0078	EA	Dark Bronze Finish, 200 LB Max Door Weight, Top Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212V Top)	234.46	11.90
08 71 11 00-0079	EA	Bright Chrome Finish, 200 LB Max Door Weight, Top Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212V Top)	234.46	11.90
08 71 11 00-0080	EA	Painted Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7222 Top)	147.05	11.90
08 71 11 00-0081	EA	Satin Chrome Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7222 Top)	197.48	11.90
08 71 11 00-0082	EA	Bright Brass Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7222 Top)	225.50	11.90
08 71 11 00-0083	EA	Satin Brass Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7222 Top)	225.50	11.90
08 71 11 00-0084	EA	Satin Bronze Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7222 Top)	225.50	11.90
08 71 11 00-0085	EA	Dark Bronze Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7222 Top)	225.50	11.90
08 71 11 00-0086	EA	Bright Chrome Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7222 Top)	225.50	11.90
08 71 11 00-0087		**500 LB Max Door Weight, Top Mount, 3/4" Offset Pivot Hinges** *(08 71 11 00-0064)*		
08 71 11 00-0088	EA	Painted Finish, 500 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7215 Top)	153.00	14.88
08 71 11 00-0089	EA	Satin Chrome Finish, 500 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7215 Top)	203.43	14.88
08 71 11 00-0090	EA	Bright Brass Finish, 500 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7215 Top)	231.45	14.88
08 71 11 00-0091	EA	Satin Brass Finish, 500 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7215 Top)	231.45	14.88
08 71 11 00-0092	EA	Satin Bronze Finish, 500 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7215 Top)	231.45	14.88

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0093	EA	Dark Bronze Finish, 500 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7215 Top)	231.45	14.88
08 71 11 00-0094	EA	Bright Chrome Finish, 500 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7215 Top)	231.45	14.88
08 71 11 00-0095		**600 LB Max Door Weight, Top Mount, 3/4" Offset Pivot Hinges** *(08 71 11 00-0064)*		
08 71 11 00-0096	EA	Painted Finish, 600 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7226 Top)	153.00	14.88
08 71 11 00-0097	EA	Satin Chrome Finish, 600 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7226 Top)	203.43	14.88
08 71 11 00-0098	EA	Bright Brass Finish, 600 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7226 Top)	231.45	14.88
08 71 11 00-0099	EA	Satin Brass Finish, 600 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7226 Top)	231.45	14.88
08 71 11 00-0100	EA	Satin Bronze Finish, 600 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7226 Top)	231.45	14.88
08 71 11 00-0101	EA	Dark Bronze Finish, 600 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7226 Top)	231.45	14.88
08 71 11 00-0102	EA	Bright Chrome Finish, 600 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7226 Top)	231.45	14.88
08 71 11 00-0103		**700 LB Max Door Weight, Top Mount, 3/4" Offset Pivot Hinges** *(08 71 11 00-0064)*		
08 71 11 00-0104	EA	Painted Finish, 700 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7227 Top)	153.00	14.88
08 71 11 00-0105	EA	Satin Chrome Finish, 700 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7227 Top)	203.43	14.88
08 71 11 00-0106	EA	Bright Brass Finish, 700 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7227 Top)	231.45	14.88
08 71 11 00-0107	EA	Satin Brass Finish, 700 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7227 Top)	231.45	14.88
08 71 11 00-0108	EA	Satin Bronze Finish, 700 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7227 Top)	231.45	14.88
08 71 11 00-0109	EA	Dark Bronze Finish, 700 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7227 Top)	231.45	14.88
08 71 11 00-0110	EA	Bright Chrome Finish, 700 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7227 Top)	231.45	14.88
08 71 11 00-0111		**Intermediate Mount, 3/4" Offset Pivot Hinges** *(08 71 11 00-0063)*		
08 71 11 00-0112		**200 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinges** *(08 71 11 00-0111)*		
08 71 11 00-0113	EA	Painted Finish, 200 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7212-7212V-7222 INT)	182.91	11.90
08 71 11 00-0114	EA	Satin Chrome Finish, 200 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7212-7212V-7222 INT)	225.50	11.90
08 71 11 00-0115	EA	Bright Brass Finish, 200 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7212-7212V-7222 INT)	255.75	11.90
08 71 11 00-0116	EA	Satin Brass Finish, 200 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7212-7212V-7222 INT)	255.75	11.90
08 71 11 00-0117	EA	Satin Bronze Finish, 200 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7212-7212V-7222 INT)	255.75	11.90
08 71 11 00-0118	EA	Dark Bronze Finish, 200 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7212-7212V-7222 INT)	255.75	11.90
08 71 11 00-0119	EA	Bright Chrome Finish, 200 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7212-7212V-7222 INT)	255.75	11.90
08 71 11 00-0120		**500 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinges** *(08 71 11 00-0111)*		
08 71 11 00-0121	EA	Painted Finish, 500 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7215 INT)	203.43	14.88
08 71 11 00-0122	EA	Satin Chrome Finish, 500 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7215 INT)	216.88	14.88
08 71 11 00-0123	EA	Bright Brass Finish, 500 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7215 INT)	240.41	14.88
08 71 11 00-0124	EA	Satin Brass Finish, 500 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7215 INT)	240.41	14.88
08 71 11 00-0125	EA	Satin Bronze Finish, 500 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7215 INT)	240.41	14.88
08 71 11 00-0126	EA	Dark Bronze Finish, 500 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7215 INT)	240.41	14.88
08 71 11 00-0127	EA	Bright Chrome Finish, 500 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7215 INT)	240.41	14.88
08 71 11 00-0128		**600 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinges** *(08 71 11 00-0111)*		
08 71 11 00-0129	EA	Painted Finish, 600 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7226 INT)	203.43	14.88
08 71 11 00-0130	EA	Satin Chrome Finish, 600 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7226 INT)	216.88	14.88
08 71 11 00-0131	EA	Bright Brass Finish, 600 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7226 INT)	240.41	14.88
08 71 11 00-0132	EA	Satin Brass Finish, 600 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7226 INT)	240.41	14.88
08 71 11 00-0133	EA	Satin Bronze Finish, 600 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7226 INT)	240.41	14.88
08 71 11 00-0134	EA	Dark Bronze Finish, 600 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7226 INT)	240.41	14.88
08 71 11 00-0135	EA	Bright Chrome Finish, 600 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7226 INT)	240.41	14.88
08 71 11 00-0136		**700 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinges** *(08 71 11 00-0111)*		
08 71 11 00-0137	EA	Painted Finish, 700 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7227 INT)	203.43	14.88
08 71 11 00-0138	EA	Satin Chrome Finish, 700 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7227 INT)	216.88	14.88
08 71 11 00-0139	EA	Bright Brass Finish, 700 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7227 INT)	240.41	14.88
08 71 11 00-0140	EA	Satin Brass Finish, 700 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7227 INT)	240.41	14.88
08 71 11 00-0141	EA	Satin Bronze Finish, 700 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7227 INT)	240.41	14.88
08 71 11 00-0142	EA	Dark Bronze Finish, 700 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7227 INT)	240.41	14.88
08 71 11 00-0143	EA	Bright Chrome Finish, 700 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7227 INT)	240.41	14.88
08 71 11 00-0144		**Bottom Mount, 3/4" Offset Pivot Hinges** *(08 71 11 00-0063)*		
08 71 11 00-0145		**200 LB Max Door Weight, Bottom Mount, 3/4" Offset Pivot Hinges** *(08 71 11 00-0144)*		
08 71 11 00-0146	EA	Painted Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 BTM)	161.62	11.90
08 71 11 00-0147	EA	Satin Chrome Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 BTM)	205.34	11.90
08 71 11 00-0148	EA	Bright Brass Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 BTM)	234.46	11.90

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0149	EA	Satin Brass Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 BTM)	234.46	11.90
08 71 11 00-0150	EA	Satin Bronze Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 BTM)	234.46	11.90
08 71 11 00-0151	EA	Dark Bronze Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 BTM)	303.16	11.90
08 71 11 00-0152	EA	Bright Chrome Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 BTM)	234.46	11.90
08 71 11 00-0153	EA	Painted Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 VBTM)	161.62	11.90
08 71 11 00-0154	EA	Satin Chrome Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 VBTM)	205.34	11.90
08 71 11 00-0155	EA	Bright Brass Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 VBTM)	234.46	11.90
08 71 11 00-0156	EA	Satin Brass Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 VBTM)	234.46	11.90
08 71 11 00-0157	EA	Satin Bronze Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 VBTM)	234.46	11.90
08 71 11 00-0158	EA	Dark Bronze Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 VBTM)	234.46	11.90
08 71 11 00-0159	EA	Bright Chrome Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 VBTM)	234.46	11.90
08 71 11 00-0160	EA	Painted Finish, 200 LB Max Door Weight, Bottom Base Plate Mount, 3/4" Offset Pivot Hinge (Ives 7222 BTM)	140.33	11.90
08 71 11 00-0161	EA	Satin Chrome Finish, 200 LB Max Door Weight, Bottom Base Plate Mount, 3/4" Offset Pivot Hinge (Ives 7222 BTM)	190.77	11.90
08 71 11 00-0162	EA	Bright Brass Finish, 200 LB Max Door Weight, Bottom Base Plate Mount, 3/4" Offset Pivot Hinge (Ives 7222 BTM)	219.89	11.90
08 71 11 00-0163	EA	Satin Brass Finish, 200 LB Max Door Weight, Bottom Base Plate Mount, 3/4" Offset Pivot Hinge (Ives 7222 BTM)	219.89	11.90
08 71 11 00-0164	EA	Satin Bronze Finish, 200 LB Max Door Weight, Bottom Base Plate Mount, 3/4" Offset Pivot Hinge (Ives 7222 BTM)	219.89	11.90
08 71 11 00-0165	EA	Dark Bronze Finish, 200 LB Max Door Weight, Bottom Base Plate Mount, 3/4" Offset Pivot Hinge (Ives 7222 BTM)	219.89	11.90
08 71 11 00-0166	EA	Bright Chrome Finish, 200 LB Max Door Weight, Bottom Base Plate Mount, 3/4" Offset Pivot Hinge (Ives 7222 BTM)	219.89	11.90
08 71 11 00-0167		**500 LB Max Door Weight, Bottom Mount, 3/4" Offset Pivot Hinges** *(08 71 11 00-0144)*		
08 71 11 00-0168	EA	Satin Chrome Finish, 500 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7215 BTM)	246.02	14.88
08 71 11 00-0169	EA	Bright Brass Finish, 500 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7215 BTM)	261.70	14.88
08 71 11 00-0170	EA	Satin Brass Finish, 500 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7215 BTM)	261.70	14.88
08 71 11 00-0171	EA	Satin Bronze Finish, 500 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7215 BTM)	261.70	14.88
08 71 11 00-0172	EA	Dark Bronze Finish, 500 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7215 BTM)	261.70	14.88
08 71 11 00-0173	EA	Bright Chrome Finish, 500 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7215 BTM)	261.70	14.88
08 71 11 00-0174	EA	Painted Finish, 500 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7215 BTM)	266.18	14.88
08 71 11 00-0175		**600 LB Max Door Weight, Bottom Mount, 3/4" Offset Pivot Hinges** *(08 71 11 00-0144)*		
08 71 11 00-0176	EA	Painted Finish, 600 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7226 BTM)	211.29	14.88
08 71 11 00-0177	EA	Satin Chrome Finish, 600 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7226 BTM)	231.45	14.88
08 71 11 00-0178	EA	Bright Brass Finish, 600 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7226 BTM)	246.02	14.88
08 71 11 00-0179	EA	Satin Brass Finish, 600 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7226 BTM)	246.02	14.88
08 71 11 00-0180	EA	Satin Bronze Finish, 600 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7226 BTM)	246.02	14.88
08 71 11 00-0181	EA	Dark Bronze Finish, 600 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7226 BTM)	246.02	14.88
08 71 11 00-0182	EA	Bright Chrome Finish, 600 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7226 BTM)	246.02	14.88
08 71 11 00-0183		**700 LB Max Door Weight, Bottom Mount, 3/4" Offset Pivot Hinges** *(08 71 11 00-0144)*		
08 71 11 00-0184	EA	Painted Finish, 700 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7227 BTM)	484.70	14.88
08 71 11 00-0185	EA	Satin Chrome Finish, 700 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7227 BTM)	520.56	14.88
08 71 11 00-0186	EA	Bright Brass Finish, 700 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7227 BTM)	577.72	14.88
08 71 11 00-0187	EA	Satin Brass Finish, 700 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7227 BTM)	577.72	14.88
08 71 11 00-0188	EA	Satin Bronze Finish, 700 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7227 BTM)	577.72	14.88
08 71 11 00-0189	EA	Dark Bronze Finish, 700 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7227 BTM)	577.72	14.88
08 71 11 00-0190	EA	Bright Chrome Finish, 700 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7227 BTM)	577.72	14.88
08 71 11 00-0191		**Fire Rated, 3/4" Offset Pivot Hinges** *(08 71 11 00-0062)*		
08 71 11 00-0192		**Top Mount, Fire Rated, 3/4" Offset Pivot Hinges** *(08 71 11 00-0191)*		
08 71 11 00-0193		**500 LB Max Door Weight, Top Mount, Fire Rated, 3/4" Offset Pivot Hinges** *(08 71 11 00-0192)*		
08 71 11 00-0194	EA	Painted Finish, 500 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F Top)	288.62	14.88
08 71 11 00-0195	EA	Satin Stainless Finish, 500 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F Top)	341.26	14.88
08 71 11 00-0196	EA	Bright Stainless Finish, 500 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F Top)	383.85	14.88
08 71 11 00-0197	EA	Bright Brass Finish, 500 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F Top)	383.85	14.88
08 71 11 00-0198	EA	Satin Bronze Finish, 500 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F Top)	383.85	14.88
08 71 11 00-0199		**600 LB Max Door Weight, Top Mount, Fire Rated, 3/4" Offset Pivot Hinges** *(08 71 11 00-0192)*		
08 71 11 00-0200	EA	Painted Finish, 600 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F Top)	288.62	14.88
08 71 11 00-0201	EA	Satin Stainless Finish, 600 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F Top)	341.26	14.88
08 71 11 00-0202	EA	Bright Stainless Finish, 600 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F Top)	383.85	14.88
08 71 11 00-0203	EA	Bright Brass Finish, 600 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F Top)	383.85	14.88

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0204	EA	Satin Bronze Finish, 600 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F Top)	383.85	14.88
08 71 11 00-0205		**700 LB Max Door Weight, Top Mount, Fire Rated, 3/4" Offset Pivot Hinges** *(08 71 11 00-0192)*		
08 71 11 00-0206	EA	Painted Finish, 700 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227F Top)	288.62	14.88
08 71 11 00-0207	EA	Satin Stainless Finish, 700 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227F Top)	341.26	14.88
08 71 11 00-0208	EA	Bright Stainless Finish, 700 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227F Top)	383.85	14.88
08 71 11 00-0209	EA	Bright Brass Finish, 700 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227F Top)	383.85	14.88
08 71 11 00-0210	EA	Satin Bronze Finish, 700 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227F Top)	383.85	14.88
08 71 11 00-0211		**1,000 LB Max Door Weight, Top Mount, Fire Rated, 3/4" Offset Pivot Hinges** *(08 71 11 00-0192)*		
08 71 11 00-0212	EA	Painted Finish, 1,000 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F Top)	303.51	17.85
08 71 11 00-0213	EA	Satin Stainless Finish, 1,000 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F Top)	347.21	17.85
08 71 11 00-0214	EA	Bright Stainless Finish, 1,000 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F Top)	367.39	17.85
08 71 11 00-0215	EA	Bright Brass Finish, 1,000 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F Top)	367.39	17.85
08 71 11 00-0216	EA	Satin Bronze Finish, 1,000 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F Top)	367.39	17.85
08 71 11 00-0217		**1,750 LB Max Door Weight, Top Mount, Fire Rated, 3/4" Offset Pivot Hinges** *(08 71 11 00-0192)*		
08 71 11 00-0218	EA	Painted Finish, 1,750 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F Top)	303.51	17.85
08 71 11 00-0219	EA	Satin Stainless Finish, 1,750 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F Top)	347.21	17.85
08 71 11 00-0220	EA	Bright Stainless Finish, 1,750 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F Top)	367.39	17.85
08 71 11 00-0221	EA	Bright Brass Finish, 1,750 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F Top)	367.39	17.85
08 71 11 00-0222	EA	Satin Bronze Finish, 1,750 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F Top)	367.39	17.85
08 71 11 00-0223		**Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinges** *(08 71 11 00-0191)*		
08 71 11 00-0224		**500 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinges** *(08 71 11 00-0223)*		
08 71 11 00-0225	EA	Painted Finish, 500 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215 FINT)	297.56	14.88
08 71 11 00-0226	EA	Satin Stainless Finish, 500 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215 FINT)	346.87	14.88
08 71 11 00-0227	EA	Bright Stainless Finish, 500 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215 FINT)	361.44	14.88
08 71 11 00-0228	EA	Bright Brass Finish, 500 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215 FINT)	361.44	14.88
08 71 11 00-0229	EA	Satin Bronze Finish, 500 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215 FINT)	361.44	14.88
08 71 11 00-0230		**600 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinges** *(08 71 11 00-0223)*		
08 71 11 00-0231	EA	Painted Finish, 600 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226 FINT)	297.56	14.88
08 71 11 00-0232	EA	Satin Stainless Finish, 600 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226 FINT)	346.87	14.88
08 71 11 00-0233	EA	Bright Stainless Finish, 600 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226 FINT)	361.44	14.88
08 71 11 00-0234	EA	Bright Brass Finish, 600 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226 FINT)	361.44	14.88
08 71 11 00-0235	EA	Satin Bronze Finish, 600 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226 FINT)	361.44	14.88
08 71 11 00-0236		**700 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinges** *(08 71 11 00-0223)*		
08 71 11 00-0237	EA	Painted Finish, 700 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227 FINT)	297.56	14.88
08 71 11 00-0238	EA	Satin Stainless Finish, 700 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227 FINT)	346.87	14.88

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0239	EA	Bright Stainless Finish, 700 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227 FINT)	361.44	14.88
08 71 11 00-0240	EA	Bright Brass Finish, 700 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227 FINT)	361.44	14.88
08 71 11 00-0241	EA	Satin Bronze Finish, 700 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227 FINT)	361.44	14.88
08 71 11 00-0242		1,000 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinges *(08 71 11 00-0223)*		
08 71 11 00-0243	EA	Painted Finish, 1,000 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230 FINT)	332.66	17.85
08 71 11 00-0244	EA	Satin Stainless Finish, 1,000 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230 FINT)	383.07	17.85
08 71 11 00-0245	EA	Bright Stainless Finish, 1,000 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230 FINT)	396.52	17.85
08 71 11 00-0246	EA	Bright Brass Finish, 1,000 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230 FINT)	396.52	17.85
08 71 11 00-0247	EA	Satin Bronze Finish, 1,000 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230 FINT)	396.52	17.85
08 71 11 00-0248		1,750 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinges *(08 71 11 00-0223)*		
08 71 11 00-0249	EA	Painted Finish, 1,750 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237 FINT)	332.66	17.85
08 71 11 00-0250	EA	Satin Stainless Finish, 1,750 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237 FINT)	383.07	17.85
08 71 11 00-0251	EA	Bright Stainless Finish, 1,750 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237 FINT)	396.52	17.85
08 71 11 00-0252	EA	Bright Brass Finish, 1,750 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237 FINT)	396.52	17.85
08 71 11 00-0253	EA	Satin Bronze Finish, 1,750 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237 FINT)	396.52	17.85
08 71 11 00-0254		Bottom Mount, Fire Rated, 3/4" Offset Pivot Hinges *(08 71 11 00-0191)*		
08 71 11 00-0255		500 LB Max Door Weight, Bottom Mount, Fire Rated, 3/4" Offset Pivot Hinges *(08 71 11 00-0254)*		
08 71 11 00-0256	EA	Painted Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F BTM)	332.32	14.88
08 71 11 00-0257	EA	Satin Stainless Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F BTM)	411.87	14.88
08 71 11 00-0258	EA	Bright Stainless Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F BTM)	442.12	14.88
08 71 11 00-0259	EA	Bright Brass Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F BTM)	442.12	14.88
08 71 11 00-0260	EA	Satin Bronze Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F BTM)	442.12	14.88
08 71 11 00-0261		600 LB Max Door Weight, Bottom Mount, Fire Rated, 3/4" Offset Pivot Hinges *(08 71 11 00-0254)*		
08 71 11 00-0262	EA	Painted Finish, 600 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F BTM)	326.71	14.88
08 71 11 00-0263	EA	Satin Stainless Finish, 600 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F BTM)	346.87	14.88
08 71 11 00-0264	EA	Bright Stainless Finish, 600 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F BTM)	398.43	14.88
08 71 11 00-0265	EA	Bright Brass Finish, 600 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F BTM)	398.43	14.88
08 71 11 00-0266	EA	Satin Bronze Finish, 600 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F BTM)	398.43	14.88
08 71 11 00-0267		1,000 LB Max Door Weight, Bottom Mount, Fire Rated, 3/4" Offset Pivot Hinges *(08 71 11 00-0254)*		
08 71 11 00-0268	EA	Painted Finish, 1,000 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F BTM)	375.23	17.85
08 71 11 00-0269	EA	Satin Stainless Finish, 1,000 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F BTM)	417.82	17.85
08 71 11 00-0270	EA	Bright Stainless Finish, 1,000 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F BTM)	433.50	17.85
08 71 11 00-0271	EA	Bright Brass Finish, 1,000 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F BTM)	433.50	17.85
08 71 11 00-0272	EA	Satin Bronze Finish, 1,000 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F BTM)	433.50	17.85

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0273		1,750 LB Max Door Weight, Bottom Mount, Fire Rated, 3/4" Offset Pivot Hinges *(08 71 11 00-0254)*		
08 71 11 00-0274	EA	Painted Finish, 1,750 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F BTM)	533.24	17.85
08 71 11 00-0275	EA	Satin Stainless Finish, 1,750 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F BTM)	569.10	17.85
08 71 11 00-0276	EA	Bright Stainless Finish, 1,750 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F BTM)	583.67	17.85
08 71 11 00-0277	EA	Bright Brass Finish, 1,750 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F BTM)	583.67	17.85
08 71 11 00-0278	EA	Satin Bronze Finish, 1,750 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F BTM)	583.67	17.85
08 71 11 00-0279		1-1/2" Offset Pivot Hinges *(08 71 11 00-0061)*		
08 71 11 00-0280		Fire Rated, 1-1/2" Offset Pivot Hinges *(08 71 11 00-0279)*		
08 71 11 00-0281		Top Mount, Fire Rated, 1-1/2" Offset Pivot Hinges *(08 71 11 00-0280)*		
08 71 11 00-0282		400 LB Max Door Weight, Top Mount, Fire Rated, 1-1/2" Offset Pivot Hinges *(08 71 11 00-0281)*		
08 71 11 00-0283	EA	Painted Finish, 400 LB Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 Top)	341.26	14.88
08 71 11 00-0284	EA	Satin Stainless Finish, 400 LB Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 Top)	369.28	14.88
08 71 11 00-0285	EA	Bright Stainless Finish, 400 LB Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 Top)	390.57	14.88
08 71 11 00-0286	EA	Bright Bronze Finish, 400 LB Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 Top)	390.57	14.88
08 71 11 00-0287	EA	Satin Bronze Finish, 400 LB Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 Top)	390.57	14.88
08 71 11 00-0288		500 LB Max Door Weight, Top Mount, Fire Rated, 1-1/2" Offset Pivot Hinges *(08 71 11 00-0281)*		
08 71 11 00-0289	EA	Painted Finish, 500 LB Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 Top)	341.26	14.88
08 71 11 00-0290	EA	Satin Stainless Finish, 500 LB Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 Top)	369.28	14.88
08 71 11 00-0291	EA	Bright Stainless Finish, 500 LB Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 Top)	390.57	14.88
08 71 11 00-0292	EA	Bright Bronze Finish, 500 LB Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 Top)	390.57	14.88
08 71 11 00-0293	EA	Satin Bronze Finish, 500 LB Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 Top)	390.57	14.88
08 71 11 00-0294		Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinges *(08 71 11 00-0280)*		
08 71 11 00-0295		400 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinges *(08 71 11 00-0294)*		
08 71 11 00-0296	EA	Painted Finish, 400 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 FINT)	354.71	14.88
08 71 11 00-0297	EA	Satin Stainless Finish, 400 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 FINT)	398.43	14.88
08 71 11 00-0298	EA	Bright Stainless Finish, 400 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 FINT)	419.71	14.88
08 71 11 00-0299	EA	Bright Brass Finish, 400 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 FINT)	419.71	14.88
08 71 11 00-0300	EA	Satin Bronze Finish, 400 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 FINT)	419.71	14.88
08 71 11 00-0301		500 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinges *(08 71 11 00-0294)*		
08 71 11 00-0302	EA	Painted Finish, 500 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 FINT)	354.71	14.88
08 71 11 00-0303	EA	Satin Stainless Finish, 500 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 FINT)	398.43	14.88
08 71 11 00-0304	EA	Bright Stainless Finish, 500 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 FINT)	419.71	14.88
08 71 11 00-0305	EA	Bright Brass Finish, 500 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 FINT)	419.71	14.88
08 71 11 00-0306	EA	Satin Bronze Finish, 500 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 FINT)	419.71	14.88
08 71 11 00-0307		Bottom Mount, Fire Rated, 1-1/2" Offset Pivot Hinges *(08 71 11 00-0280)*		
08 71 11 00-0308		400 LB Max Door Weight, Bottom Mount, Fire Rated, 1-1/2" Offset Pivot Hinges *(08 71 11 00-0307)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0309	EA	Painted Finish, 400 LB Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 BTM)	346.87	14.88
08 71 11 00-0310	EA	Satin Stainless Finish, 400 LB Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 BTM)	398.43	14.88
08 71 11 00-0311	EA	Bright Stainless Finish, 400 LB Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 BTM)	419.71	14.88
08 71 11 00-0312	EA	Bright Brass Finish, 400 LB Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 BTM)	419.71	14.88
08 71 11 00-0313	EA	Satin Bronze Finish, 400 LB Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 BTM)	419.71	14.88
08 71 11 00-0314		500 LB Max Door Weight, Bottom Mount, Fire Rated, 1-1/2" Offset Pivot Hinges *(08 71 11 00-0307)*		
08 71 11 00-0315	EA	Painted Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 BTM)	563.15	14.88
08 71 11 00-0316	EA	Satin Stainless Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 BTM)	621.42	14.88
08 71 11 00-0317	EA	Bright Stainless Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 BTM)	636.00	14.88
08 71 11 00-0318	EA	Bright Brass Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 BTM)	636.00	14.88
08 71 11 00-0319	EA	Satin Bronze Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 BTM)	636.00	14.88
08 71 11 00-0320		Center Hung Pivot Hinges *(08 71 11 00-0058)*		
08 71 11 00-0321		Top Mount, Center Hung Pivot Hinges *(08 71 11 00-0320)*		
08 71 11 00-0322		300 LB Max Door Weight, Top Mount, Center Hung Pivot Hinges *(08 71 11 00-0321)*		
08 71 11 00-0323	EA	Painted Finish, 300 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7253 Top)	176.19	11.90
08 71 11 00-0324	EA	Satin Chrome Finish, 300 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7253 Top)	190.77	11.90
08 71 11 00-0325	EA	Bright Brass Finish, 300 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7253 Top)	190.77	11.90
08 71 11 00-0326	EA	Satin Brass Finish, 300 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7253 Top)	190.77	11.90
08 71 11 00-0327	EA	Satin Bronze Finish, 300 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7253 Top)	190.77	11.90
08 71 11 00-0328	EA	Dark Bronze Finish, 300 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7253 Top)	190.77	11.90
08 71 11 00-0329	EA	Bright Chrome Finish, 300 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7253 Top)	190.77	11.90
08 71 11 00-0330		500 LB Max Door Weight, Top Mount, Center Hung Pivot Hinges *(08 71 11 00-0321)*		
08 71 11 00-0331	EA	Painted Finish, 500 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7255 Top)	182.14	14.88
08 71 11 00-0332	EA	Satin Chrome Finish, 500 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7255 Top)	196.72	14.88
08 71 11 00-0333	EA	Bright Brass Finish, 500 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7255 Top)	196.72	14.88
08 71 11 00-0334	EA	Satin Brass Finish, 500 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7255 Top)	196.72	14.88
08 71 11 00-0335	EA	Satin Bronze Finish, 500 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7255 Top)	196.72	14.88
08 71 11 00-0336	EA	Dark Bronze Finish, 500 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7255 Top)	196.72	14.88
08 71 11 00-0337	EA	Bright Chrome Finish, 500 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7255 Top)	196.72	14.88
08 71 11 00-0338		600 LB Max Door Weight, Top Mount, Center Hung Pivot Hinges *(08 71 11 00-0321)*		
08 71 11 00-0339	EA	Painted Finish, 600 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7256 Top)	182.14	14.88
08 71 11 00-0340	EA	Satin Chrome Finish, 600 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7256 Top)	196.72	14.88
08 71 11 00-0341	EA	Bright Brass Finish, 600 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7256 Top)	196.72	14.88
08 71 11 00-0342	EA	Satin Brass Finish, 600 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7256 Top)	196.72	14.88
08 71 11 00-0343	EA	Satin Bronze Finish, 600 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7256 Top)	196.72	14.88
08 71 11 00-0344	EA	Dark Bronze Finish, 600 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7256 Top)	196.72	14.88
08 71 11 00-0345	EA	Bright Chrome Finish, 600 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7256 Top)	196.72	14.88
08 71 11 00-0346		1,000 LB Max Door Weight, Top Mount, Center Hung Pivot Hinges *(08 71 11 00-0321)*		
08 71 11 00-0347	EA	Painted Finish, 1,000 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7259 Top)	288.94	17.85
08 71 11 00-0348	EA	Satin Chrome Finish, 1,000 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7259 Top)	338.27	17.85
08 71 11 00-0349	EA	Bright Brass Finish, 1,000 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7259 Top)	389.80	17.85
08 71 11 00-0350	EA	Satin Brass Finish, 1,000 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7259 Top)	389.80	17.85
08 71 11 00-0351	EA	Satin Bronze Finish, 1,000 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7259 Top)	389.80	17.85
08 71 11 00-0352	EA	Dark Bronze Finish, 1,000 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7259 Top)	389.80	17.85
08 71 11 00-0353	EA	Bright Chrome Finish, 1,000 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7259 Top)	389.80	17.85
08 71 11 00-0354		Bottom Mount, Center Hung Pivot Hinges *(08 71 11 00-0320)*		
08 71 11 00-0355		300 LB Max Door Weight, Bottom Mount, Center Hung Pivot Hinges *(08 71 11 00-0354)*		
08 71 11 00-0356	EA	Painted Finish, 300 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7253 BTM)	133.60	11.90
08 71 11 00-0357	EA	Satin Chrome Finish, 300 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7253 BTM)	154.91	11.90
08 71 11 00-0358	EA	Bright Brass Finish, 300 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7253 BTM)	176.19	11.90
08 71 11 00-0359	EA	Satin Brass Finish, 300 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7253 BTM)	176.19	11.90

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0360	EA	Satin Bronze Finish, 300 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7253 BTM)	176.19	11.90
08 71 11 00-0361	EA	Dark Bronze Finish, 300 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7253 BTM)	176.19	11.90
08 71 11 00-0362	EA	Bright Chrome Finish, 300 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7253 BTM)	176.19	11.90
08 71 11 00-0363		**500 LB Max Door Weight, Bottom Mount, 3/4" Offset Pivot Hinges** *(08 71 11 00-0354)*		
08 71 11 00-0364	EA	Painted Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7255 BTM)	196.72	14.88
08 71 11 00-0365	EA	Satin Chrome Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7255 BTM)	203.43	14.88
08 71 11 00-0366	EA	Bright Brass Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7255 BTM)	203.43	14.88
08 71 11 00-0367	EA	Satin Brass Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7255 BTM)	203.43	14.88
08 71 11 00-0368	EA	Satin Bronze Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7255 BTM)	203.43	14.88
08 71 11 00-0369	EA	Dark Bronze Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7255 BTM)	203.43	14.88
08 71 11 00-0370	EA	Bright Chrome Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7255 BTM)	203.43	14.88
08 71 11 00-0371	EA	Painted Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Center Hung Pivot Hinge (Ives 7255 JBTM)	196.72	14.88
08 71 11 00-0372	EA	Satin Chrome Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Center Hung Pivot Hinge (Ives 7255 JBTM)	203.43	14.88
08 71 11 00-0373	EA	Bright Brass Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Center Hung Pivot Hinge (Ives 7255 JBTM)	203.43	14.88
08 71 11 00-0374	EA	Satin Brass Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Center Hung Pivot Hinge (Ives 7255 JBTM)	203.43	14.88
08 71 11 00-0375	EA	Satin Bronze Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Center Hung Pivot Hinge (Ives 7255 JBTM)	203.43	14.88
08 71 11 00-0376	EA	Dark Bronze Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Center Hung Pivot Hinge (Ives 7255 JBTM)	203.43	14.88
08 71 11 00-0377	EA	Bright Chrome Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Center Hung Pivot Hinge (Ives 7255 JBTM)	203.43	14.88
08 71 11 00-0378		**600 LB Max Door Weight, Bottom Mount, Center Hung Pivot Hinges** *(08 71 11 00-0354)*		
08 71 11 00-0379	EA	Painted Finish, 600 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7256 BTM)	398.43	14.88
08 71 11 00-0380	EA	Satin Chrome Finish, 600 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7256 BTM)	419.71	14.88
08 71 11 00-0381	EA	Bright Brass Finish, 600 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7256 BTM)	442.12	14.88
08 71 11 00-0382	EA	Satin Brass Finish, 600 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7256 BTM)	442.12	14.88
08 71 11 00-0383	EA	Satin Bronze Finish, 600 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7256 BTM)	442.12	14.88
08 71 11 00-0384	EA	Dark Bronze Finish, 600 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7256 BTM)	442.12	14.88
08 71 11 00-0385	EA	Bright Chrome Finish, 600 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7256 BTM)	442.12	14.88
08 71 11 00-0386		**1,000 LB Max Door Weight, Bottom Mount, Center Hung Pivot Hinges** *(08 71 11 00-0354)*		
08 71 11 00-0387	EA	Painted Finish, 1,000 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7259 BTM)	734.95	17.85
08 71 11 00-0388	EA	Satin Chrome Finish, 1,000 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7259 BTM)	756.24	17.85
08 71 11 00-0389	EA	Bright Brass Finish, 1,000 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7259 BTM)	785.38	17.85
08 71 11 00-0390	EA	Satin Brass Finish, 1,000 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7259 BTM)	785.38	17.85
08 71 11 00-0391	EA	Satin Bronze Finish, 1,000 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7259 BTM)	785.38	17.85
08 71 11 00-0392	EA	Dark Bronze Finish, 1,000 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7259 BTM)	785.38	17.85
08 71 11 00-0393	EA	Bright Chrome Finish, 1,000 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7259 BTM)	785.38	17.85
08 71 11 00-0394		**Continuous Barrel-Type Hinge** *(08 71 11 00-0001)*		
08 71 11 00-0395	LF	1-1/2" Wide, Steel, Continuous Barrel-Type Hinge	30.85	4.76
		For Stainless Steel, Add	*6.50*	
		For Brass Or Nickel, Add	*7.09*	
		For Aluminum, Add	*2.32*	
		For Medium Gauge, Deduct	*-2.36*	
08 71 11 00-0396	LF	2" Wide, Steel, Continuous Barrel-Type Hinge	31.64	4.76
		For Stainless Steel, Add	*6.94*	
		For Brass Or Nickel, Add	*7.57*	
		For Aluminum, Add	*2.47*	
		For Medium Gauge, Deduct	*-2.52*	
08 71 11 00-0397	LF	2-1/2" Wide, Steel, Continuous Barrel-Type Hinge	33.21	4.76
		For Stainless Steel, Add	*7.80*	
		For Brass Or Nickel, Add	*8.51*	
		For Aluminum, Add	*2.78*	
		For Medium Gauge, Deduct	*-2.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0398	LF	3" Wide, Steel, Continuous Barrel-Type Hinge	35.00	4.76
		For Stainless Steel, Add	*8.78*	
		For Brass Or Nickel, Add	*9.58*	
		For Aluminum, Add	*3.13*	
		For Medium Gauge, Deduct	*-3.19*	
08 71 11 00-0399		**Continuous Geared Hinges** *(08 71 11 00-0001)*		
08 71 11 00-0400	LF	Half Surface, Aluminum Geared Continuous Hinge, Standard Duty (Roton 780-053)	61.82	4.76
		For Bronze Finish, Add	*16.05*	
		For Heavy Duty, Add	*11.43*	
08 71 11 00-0401	LF	Full Surface, Aluminum Geared Continuous Hinge, Standard Duty (Roton 780-057)	66.82	4.76
		For Bronze Finish, Add	*17.92*	
		For Heavy Duty, Add	*12.77*	
08 71 11 00-0402	LF	Concealed (Full Mortise), Aluminum Geared Continuous Hinge, Standard Duty (Roton 780-112)	41.75	4.76
		For Bronze Finish, Add	*8.52*	
08 71 11 00-0403	LF	Concealed (Full Mortise), Aluminum Geared Continuous Hinge, Heavy Duty (Roton 780-112HD)	49.00	4.76
		For Bronze Finish, Add	*11.24*	
08 71 11 00-0404		**Mortised, Primed Steel, Double Acting Spring Hinges** *(08 71 11 00-0001)*		
08 71 11 00-0405	PR	2", Mortised, Primed Steel, Double Acting Spring Hinge	180.93	8.32
		For Satin Brass, Add	*33.43*	
08 71 11 00-0406	PR	3", Mortised, Primed Steel, Double Acting Spring Hinge	192.89	10.71
		For Satin Brass, Add	*33.44*	
08 71 11 00-0407	PR	4", Mortised, Primed Steel, Double Acting Spring Hinge	212.38	13.08
		For Satin Brass, Add	*35.27*	
08 71 11 00-0408	PR	5", Mortised, Primed Steel, Double Acting Spring Hinge	280.65	15.47
		For Satin Brass, Add	*48.79*	
08 71 11 00-0409	PR	6", Mortised, Primed Steel, Double Acting Spring Hinge	313.15	17.85
		For Satin Brass, Add	*53.74*	
08 71 11 00-0410	PR	7", Mortised, Primed Steel, Double Acting Spring Hinge	378.49	20.23
		For Satin Brass, Add	*66.57*	
08 71 11 00-0411	PR	8", Mortised, Primed Steel, Double Acting Spring Hinge	520.98	56.52
		For Satin Brass, Add	*97.91*	
08 71 11 00-0412		**Security Hinges** *(08 71 11 00-0001)*		
08 71 11 00-0413	EA	4-1/2" x 4-1/2", Non-Removable Pin, Full Mortise, Ball Bearing, Steel Security Hinge	42.99	8.32
08 71 11 00-0414		**Concealed Circuit Electric Hinge Option** *(08 71 11 00-0001)*		
		Note: Excludes the hinge. These tasks are used in conjunction with other hinges in the Construction Task Catalog® to electrify the hinge.		
08 71 11 00-0415	EA	4 Wire Concealed Circuit Electric Hinge Option	306.58	
08 71 11 00-0416	EA	6 Wire Concealed Circuit Electric Hinge Option	361.97	
08 71 11 00-0417	EA	8 Wire Concealed Circuit Electric Hinge Option	417.36	
08 71 11 00-0418		**Hinge Filler Plates For Door Frames** *(08 71 11 00-0001)*		
08 71 11 00-0419	PR	Hinge Filler Plates For Door Frames	21.93	5.95
08 71 11 00-0420		**Door Trim** *(08 71 11)*		
08 71 11 00-0421		**Floor Stops, Wall Stops And Bumpers** *(08 71 11 00-0420)*		
08 71 11 00-0422		**Floor Stops** *(08 71 11 00-0421)*		
08 71 11 00-0423		**Aluminum Floor Stops** *(08 71 11 00-0422)*		
08 71 11 00-0424	EA	1-5/16" Overall Height, Satin Aluminum Finish, Aluminum Floor Stop (Ives FS430)	33.52	14.88
08 71 11 00-0425	EA	1" Overall Height, 3/16" Base Height, Satin Aluminum Finish, Aluminum Dome Floor Stop (Ives FS436)	37.27	14.88
08 71 11 00-0426	EA	1-3/8" Overall Height, 9/16" Base Height, Satin Aluminum Finish, Aluminum Dome Floor Stop (Ives FS438)	38.70	14.88
08 71 11 00-0427	EA	2-1/8" Overall Height, Satin Aluminum Finish, Aluminum Floor Stop (Ives FS441)	60.49	14.88
08 71 11 00-0428	EA	3" Overall Height, Satin Aluminum Finish, Aluminum Floor Stop (Ives FS444/448)	63.09	14.88
08 71 11 00-0429		**Brass Floor Stops** *(08 71 11 00-0422)*		
08 71 11 00-0430	EA	1" Overall Height, 3/16" Base Height, Satin Chrome Finish, Brass Dome Floor Stop (Ives FS436)	37.79	14.88
08 71 11 00-0431	EA	1" Overall Height, 3/16" Base Height, Satin Brass Finish, Brass Dome Floor Stop (Ives FS436)	39.23	14.88
08 71 11 00-0432	EA	1" Overall Height, 3/16" Base Height, Bright Brass Finish, Brass Dome Floor Stop (Ives FS436)	39.23	14.88
08 71 11 00-0433	EA	1" Overall Height, 3/16" Base Height, Bright Chrome Finish, Brass Dome Floor Stop (Ives FS436)	39.78	14.88
08 71 11 00-0434	EA	1" Overall Height, 3/16" Base Height, Satin Bronze Finish, Brass Dome Floor Stop (Ives FS436)	40.52	14.88
08 71 11 00-0435	EA	1" Overall Height, 3/16" Base Height, Dark Bronze Finish, Brass Dome Floor Stop (Ives FS436)	40.52	14.88
08 71 11 00-0436	EA	1" Overall Height, 3/16" Base Height, Satin Nickel Finish, Brass Dome Floor Stop (Ives FS436)	40.52	14.88
08 71 11 00-0437	EA	1-3/8" Overall Height, 9/16" Base Height, Satin Chrome Finish, Brass Dome Floor Stop (Ives FS438)	38.70	14.88
08 71 11 00-0438	EA	1-3/8" Overall Height, 9/16" Base Height, Satin Brass Finish, Brass Dome Floor Stop (Ives FS438)	40.87	14.88
08 71 11 00-0439	EA	1-3/8" Overall Height, 9/16" Base Height, Bright Brass Finish, Brass Dome Floor Stop (Ives FS438)	40.87	14.88
08 71 11 00-0440	EA	1-3/8" Overall Height, 9/16" Base Height, Bright Chrome Finish, Brass Dome Floor Stop (Ives FS438)	41.72	14.88
08 71 11 00-0441	EA	1-3/8" Overall Height, 9/16" Base Height, Satin Bronze Finish, Brass Dome Floor Stop (Ives FS438)	42.45	14.88
08 71 11 00-0442	EA	1-3/8" Overall Height, 9/16" Base Height, Dark Bronze Finish, Brass Dome Floor Stop (Ives FS438)	42.45	14.88
08 71 11 00-0443	EA	1-3/8" Overall Height, 9/16" Base Height, Satin Nickel Finish, Brass Dome Floor Stop (Ives FS438)	45.87	14.88

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0444	EA	1" Overall Height, 5/32" Base Height, Satin Chrome Finish, Brass Dome Floor Stop (Ives FS13)	41.01	14.88
08 71 11 00-0445	EA	1" Overall Height, 5/32" Base Height, Bright Brass Finish, Brass Dome Floor Stop (Ives FS13)	41.01	14.88
08 71 11 00-0446	EA	1" Overall Height, 5/32" Base Height, Bright Chrome Finish, Brass Dome Floor Stop (Ives FS13)	43.38	14.88
08 71 11 00-0447	EA	1" Overall Height, 5/32" Base Height, Satin Brass Finish, Brass Dome Floor Stop (Ives FS13)	43.38	14.88
08 71 11 00-0448	EA	1" Overall Height, 5/32" Base Height, Satin Bronze Finish, Brass Dome Floor Stop (Ives FS13)	43.38	14.88
08 71 11 00-0449	EA	1" Overall Height, 5/32" Base Height, Dark Bronze Finish, Brass Dome Floor Stop (Ives FS13)	43.38	14.88
08 71 11 00-0450	EA	1-11/32" Overall Height, 1/2" Base Height, Satin Chrome Finish, Brass Dome Floor Stop (Ives FS17)	42.65	14.88
08 71 11 00-0451	EA	1-11/32" Overall Height, 1/2" Base Height, Bright Brass Finish, Brass Dome Floor Stop (Ives FS17)	42.65	14.88
08 71 11 00-0452	EA	1-11/32" Overall Height, 1/2" Base Height, Bright Chrome Finish, Brass Dome Floor Stop (Ives FS17)	44.97	14.88
08 71 11 00-0453	EA	1-11/32" Overall Height, 1/2" Base Height, Satin Brass Finish, Brass Dome Floor Stop (Ives FS17)	44.97	14.88
08 71 11 00-0454	EA	1-11/32" Overall Height, 1/2" Base Height, Satin Bronze Finish, Brass Dome Floor Stop (Ives FS17)	44.97	14.88
08 71 11 00-0455	EA	1-11/32" Overall Height, 1/2" Base Height, Dark Bronze Finish, Brass Dome Floor Stop (Ives FS17)	44.97	14.88
08 71 11 00-0456	EA	2-1/8" Overall Height, Satin Chrome Finish, Brass Floor Stop (Ives FS441)	62.59	14.88
08 71 11 00-0457	EA	2-1/8" Overall Height, Bright Brass Finish, Brass Floor Stop (Ives FS441)	63.62	14.88
08 71 11 00-0458	EA	2-1/8" Overall Height, Dark Bronze Finish, Brass Floor Stop (Ives FS441)	66.11	14.88
08 71 11 00-0459	EA	2-1/8" Overall Height, Satin Brass Finish, Brass Floor Stop (Ives FS441)	68.13	14.88
08 71 11 00-0460	EA	2-1/8" Overall Height, Satin Bronze Finish, Brass Floor Stop (Ives FS441)	68.13	14.88
08 71 11 00-0461	EA	2-1/8" Overall Height, Bright Chrome Finish, Brass Floor Stop (Ives FS441)	76.36	14.88
08 71 11 00-0462	EA	2-1/8" Overall Height, Satin Nickel Finish, Brass Floor Stop (Ives FS441)	76.36	14.88
08 71 11 00-0463	EA	3" Overall Height, Dark Bronze Finish, Brass Floor Stop (Ives FS444/448)	73.31	14.88
08 71 11 00-0464	EA	3" Overall Height, Satin Chrome Finish, Brass Floor Stop (Ives FS444/448)	74.77	14.88
08 71 11 00-0465	EA	3" Overall Height, Satin Brass Finish, Brass Floor Stop (Ives FS444/448)	74.77	14.88
08 71 11 00-0466	EA	3" Overall Height, Bright Brass Finish, Brass Floor Stop (Ives FS444/448)	74.77	14.88
08 71 11 00-0467	EA	3" Overall Height, Satin Bronze Finish, Brass Floor Stop (Ives FS444/448)	74.77	14.88
08 71 11 00-0468	EA	3" Overall Height, Bright Chrome Finish, Brass Floor Stop (Ives FS444/448)	86.05	14.88
08 71 11 00-0469	EA	3" Overall Height, Satin Nickel Finish, Brass Floor Stop (Ives FS444/448)	86.05	14.88
08 71 11 00-0470	EA	1-5/16" Overall Height, Satin Brass Finish, Brass Floor Stop (Ives FS430)	50.32	14.88
08 71 11 00-0471	EA	1-5/16" Overall Height, Bright Brass Finish, Brass Floor Stop (Ives FS430)	52.20	14.88
08 71 11 00-0472	EA	1-5/16" Overall Height, Satin Chrome Finish, Brass Floor Stop (Ives FS430)	56.44	14.88
08 71 11 00-0473	EA	1-5/16" Overall Height, Bright Chrome Finish, Brass Floor Stop (Ives FS430)	56.44	14.88
08 71 11 00-0474	EA	1-5/16" Overall Height, Dark Bronze Finish, Brass Floor Stop (Ives FS430)	56.44	14.88
08 71 11 00-0475	EA	1-5/16" Overall Height, Satin Nickel Finish, Brass Floor Stop (Ives FS430)	57.70	14.88
08 71 11 00-0476		**Steel Floor Stops** *(08 71 11 00-0422)* See CSI section 05 05 19 00-0195 for grout.		
08 71 11 00-0477	EA	2-5/8" Overall Height, Zinc Plated Finish, Wrought Steel Floor Stop (Ives FS434)	43.00	14.88
08 71 11 00-0478	EA	1-1/2" Overall Height, Grout In, Molded Rubber Security Floor Stop (Ives FS18S) Note: Includes drilling. Excludes Grout.	112.75	14.88
08 71 11 00-0479	EA	3-1/2" Overall Height, Grout In, Molded Rubber Security Floor Stop (Ives FS18L) Note: Includes drilling. Excludes Grout.	118.70	14.88
08 71 11 00-0480		**Wall Stops** *(08 71 11 00-0421)*		
08 71 11 00-0481		**Aluminum Wall Stops** *(08 71 11 00-0480)*		
08 71 11 00-0482	EA	3-3/4" Projection, Residential Rigid Type, Satin Aluminum Finish, Aluminum Wall Stop (Ives 60)	17.08	5.95
08 71 11 00-0483	EA	3-3/4" Projection, Rigid Type, Satin Aluminum Finish, Aluminum Wall Stop (Ives WS65)	24.88	8.93
08 71 11 00-0484		**Brass Wall Stops** *(08 71 11 00-0480)*		
08 71 11 00-0485	EA	3-3/4" Projection, Residential Rigid Type, Satin Chrome Finish, Brass Wall Stop (Ives 60)	29.85	5.95
08 71 11 00-0486	EA	3-3/4" Projection, Residential Rigid Type, Satin Brass Finish, Brass Wall Stop (Ives 60)	29.85	5.95
08 71 11 00-0487	EA	3-3/4" Projection, Residential Rigid Type, Bright Brass Finish, Brass Wall Stop (Ives 60)	29.85	5.95
08 71 11 00-0488	EA	3-3/4" Projection, Residential Rigid Type, Satin Nickel Finish, Brass Wall Stop (Ives 60)	35.41	5.95
08 71 11 00-0489	EA	3-3/4" Projection, Residential Rigid Type, Bright Chrome Finish, Brass Wall Stop (Ives 60)	35.94	5.95
08 71 11 00-0490	EA	3-3/4" Projection, Residential Rigid Type, Satin Bronze Finish, Brass Wall Stop (Ives 60)	35.94	5.95
08 71 11 00-0491	EA	3-3/4" Projection, Residential Rigid Type, Dark Bronze Finish, Brass Wall Stop (Ives 60)	35.94	5.95
08 71 11 00-0492	EA	3-3/4" Projection, Rigid Type, Satin Chrome Finish, Brass Wall Stop (Ives WS11)	84.20	8.93
08 71 11 00-0493	EA	3-3/4" Projection, Rigid Type, Dark Bronze Finish, Brass Wall Stop (Ives WS11)	86.16	8.93
08 71 11 00-0494	EA	3-3/4" Projection, Rigid Type, Bright Brass Finish, Brass Wall Stop (Ives WS11)	86.16	8.93
08 71 11 00-0495	EA	3-3/4" Projection, Rigid Type, Satin Bronze Finish, Brass Wall Stop (Ives WS11)	86.16	8.93
08 71 11 00-0496	EA	3-3/4" Projection, Rigid Type, Bright Chrome Finish, Brass Wall Stop (Ives WS11)	86.16	8.93
08 71 11 00-0497	EA	3-3/4" Projection, Rigid Type, Satin Brass Finish, Brass Wall Stop (Ives WS11)	86.16	8.93
08 71 11 00-0498	EA	3-3/4" Projection, Rigid Type, Bright Brass Finish, Brass Wall Stop (Ives WS443/447)	70.38	8.93
08 71 11 00-0499	EA	3-3/4" Projection, Rigid Type, Satin Bronze Finish, Brass Wall Stop (Ives WS443/447)	80.98	8.93
08 71 11 00-0500	EA	3-3/4" Projection, Rigid Type, Bright Chrome Finish, Brass Wall Stop (Ives WS443/447)	80.98	8.93
08 71 11 00-0501	EA	3-3/4" Projection, Rigid Type, Dark Bronze Finish, Brass Wall Stop (Ives WS443/447)	80.98	8.93
08 71 11 00-0502	EA	3-3/4" Projection, Rigid Type, Satin Chrome Finish, Brass Wall Stop (Ives WS443/447)	80.98	8.93
08 71 11 00-0503	EA	3-3/4" Projection, Rigid Type, Satin Brass Finish, Brass Wall Stop (Ives WS443/447)	83.50	8.93
08 71 11 00-0504	EA	3-3/4" Projection, Rigid Type, Satin Nickel Finish, Brass Wall Stop (Ives WS443/447)	83.50	8.93
08 71 11 00-0505	EA	3-3/4" Projection, Rigid Type, Satin Chrome Finish, Brass Wall Stop (Ives WS33)	135.85	8.93
08 71 11 00-0506		**Steel Wall Stops** *(08 71 11 00-0480)*		
08 71 11 00-0507	EA	3" Projection, Residential Spring Type, Bright Brass Finish, Steel Wall Stop (Ives 63)	12.98	5.95
08 71 11 00-0508		**Hinge Pin Door Stops** *(08 71 11 00-0421)*		
08 71 11 00-0509		**Aluminum Hinge Pin Door Stops** *(08 71 11 00-0508)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0510	EA	Satin Aluminum Finish, Aluminum Hinge Pin Door Stop (Ives 70)	27.01	11.90
08 71 11 00-0511		**Brass Hinge Pin Door Stops** *(08 71 11 00-0508)*		
08 71 11 00-0512	EA	Satin Brass Finish, Brass Residential Hinge Pin Door Stop (Ives 72)	27.63	11.90
08 71 11 00-0513	EA	Satin Brass Finish, Brass Hinge Pin Door Stop (Ives 73)	31.49	11.90
08 71 11 00-0514	EA	Satin Chrome Finish, Brass Hinge Pin Door Stop (Ives 70)	40.80	11.90
08 71 11 00-0515	EA	Satin Brass Finish, Brass Hinge Pin Door Stop (Ives 70)	40.80	11.90
08 71 11 00-0516	EA	Bright Brass Finish, Brass Hinge Pin Door Stop (Ives 70)	40.80	11.90
08 71 11 00-0517	EA	Bright Chrome Finish, Brass Hinge Pin Door Stop (Ives 70)	45.17	11.90
08 71 11 00-0518	EA	Satin Bronze Finish, Brass Hinge Pin Door Stop (Ives 70)	45.17	11.90
08 71 11 00-0519	EA	Dark Bronze Finish, Brass Hinge Pin Door Stop (Ives 70)	45.17	11.90
08 71 11 00-0520	EA	Satin Nickel Finish, Brass Hinge Pin Door Stop (Ives 70)	45.17	11.90
08 71 11 00-0521		**Wall Bumpers** *(08 71 11 00-0421)*		
08 71 11 00-0522		**Brass Wall Bumpers** *(08 71 11 00-0521)*		
08 71 11 00-0523	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Satin Chrome Finish, Wrought Brass Wall Bumper (Ives WS406/407)	35.83	14.88
08 71 11 00-0524	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Satin Brass Finish, Wrought Brass Wall Bumper (Ives WS406/407)	35.83	14.88
08 71 11 00-0525	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Bright Brass Finish, Wrought Brass Wall Bumper (Ives WS406/407)	35.83	14.88
08 71 11 00-0526	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Bright Chrome Finish, Wrought Brass Wall Bumper (Ives WS406/407)	36.36	14.88
08 71 11 00-0527	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Satin Bronze Finish, Wrought Brass Wall Bumper (Ives WS406/407)	36.36	14.88
08 71 11 00-0528	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Dark Bronze Finish, Wrought Brass Wall Bumper (Ives WS406/407)	36.36	14.88
08 71 11 00-0529	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Satin Nickel Finish, Wrought Brass Wall Bumper (Ives WS406/407)	36.36	14.88
08 71 11 00-0530	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Bright Brass Finish, Cast Brass Wall Bumper (Ives WS401/402)	54.28	14.88
08 71 11 00-0531	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Satin Chrome Finish, Cast Brass Wall Bumper (Ives WS401/402)	59.14	14.88
08 71 11 00-0532	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Bright Chrome Finish, Cast Brass Wall Bumper (Ives WS401/402)	59.14	14.88
08 71 11 00-0533	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Satin Brass Finish, Cast Brass Wall Bumper (Ives WS401/402)	59.14	14.88
08 71 11 00-0534	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Satin Bronze Finish, Cast Brass Wall Bumper (Ives WS401/402)	59.14	14.88
08 71 11 00-0535	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Dark Bronze Finish, Cast Brass Wall Bumper (Ives WS401/402)	59.14	14.88
08 71 11 00-0536	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Satin Nickel Finish, Cast Brass Wall Bumper (Ives WS401/402)	60.22	14.88
08 71 11 00-0537		**Rubber Wall Bumpers** *(08 71 11 00-0521)*		
08 71 11 00-0538	EA	1-7/8" Base Diameter, Adhesive-Backed, Concave Rubber Wall Bumper (Ives WS411R-W)	33.90	14.88
08 71 11 00-0539		**Holders** *(08 71 11 00-0420)*		
08 71 11 00-0540		**Plunger Type Door Holders** *(08 71 11 00-0539)*		
08 71 11 00-0541		**Aluminum Plunger Type Door Holders** *(08 71 11 00-0540)*		
08 71 11 00-0542	EA	Satin Aluminum Finish, Aluminum Plunger Type Door Holder (Ives FS1153)	89.03	8.93
08 71 11 00-0543		**Brass Plunger Type Door Holders** *(08 71 11 00-0540)*		
08 71 11 00-0544	EA	Satin Chrome Finish, Brass Plunger Type Door Holder (Ives FS1154)	146.25	8.93
08 71 11 00-0545	EA	Bright Chrome Finish, Brass Plunger Type Door Holder (Ives FS1154)	146.25	8.93
08 71 11 00-0546	EA	Satin Brass Finish, Brass Plunger Type Door Holder (Ives FS1154)	146.25	8.93
08 71 11 00-0547	EA	Bright Brass Finish, Brass Plunger Type Door Holder (Ives FS1154)	146.25	8.93
08 71 11 00-0548	EA	Satin Bronze Finish, Brass Plunger Type Door Holder (Ives FS1154)	146.25	8.93
08 71 11 00-0549	EA	Dark Bronze Finish, Brass Plunger Type Door Holder (Ives FS1154)	146.25	8.93
08 71 11 00-0550	EA	Satin Nickel Finish, Brass Plunger Type Door Holder (Ives FS1154)	146.25	8.93
08 71 11 00-0551		**Kick Down Door Holders** *(08 71 11 00-0539)*		
08 71 11 00-0552		**Aluminum Kick Down Door Holders** *(08 71 11 00-0551)*		
08 71 11 00-0553	EA	Satin Aluminum Finish, Aluminum Kick Down Door Holder (Ives FS455)	29.47	8.93
08 71 11 00-0554		**Brass Kick Down Door Holders** *(08 71 11 00-0551)*		
08 71 11 00-0555	EA	Satin Brass Finish, Brass Kick Down Door Holder (Ives FS455)	65.05	8.93
08 71 11 00-0556	EA	Bright Brass Finish, Brass Kick Down Door Holder (Ives FS455)	65.05	8.93
08 71 11 00-0557	EA	Satin Bronze Finish, Brass Kick Down Door Holder (Ives FS455)	65.05	8.93
08 71 11 00-0558	EA	Satin Chrome Finish, Brass Kick Down Door Holder (Ives FS455)	74.33	8.93
08 71 11 00-0559	EA	Bright Chrome Finish, Brass Kick Down Door Holder (Ives FS455)	74.33	8.93

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0560	EA	Dark Bronze Finish, Brass Kick Down Door Holder (Ives FS455)	74.33	8.93
08 71 11 00-0561	EA	Satin Nickel Finish, Brass Kick Down Door Holder (Ives FS455)	76.68	8.93
08 71 11 00-0562		**Steel Kick Down Door Holders** *(08 71 11 00-0551)*		
08 71 11 00-0563	EA	Steel Kick Down Door Holder (Ives FS544)	36.65	8.93
08 71 11 00-0564		**Floor Mounted Door Holders** *(08 71 11 00-0539)*		
08 71 11 00-0565		**Brass Floor Mounted Door Holders** *(08 71 11 00-0564)*		
08 71 11 00-0566	EA	Up To 1/2" Door To Floor Clearance, Satin Chrome Finish, Brass Floor Stop And Automatic Door Holder (Ives FS40)	127.31	17.85
		For >1/2" To 1-1/16" Door To Floor Clearance, Add	*1.78*	
		For >1-1/16" To 1-9/16" Door To Floor Clearance, Add	*10.53*	
		For >1-9/16" To 2-11/16" Door To Floor Clearance, Add	*15.80*	
08 71 11 00-0567	EA	Up To 1/2" Door To Floor Clearance, Satin Brass Finish, Brass Floor Stop And Automatic Door Holder (Ives FS40)	127.31	17.85
		For >1/2" To 1-1/16" Door To Floor Clearance, Add	*1.78*	
		For >1-1/16" To 1-9/16" Door To Floor Clearance, Add	*10.53*	
		For >1-9/16" To 2-11/16" Door To Floor Clearance, Add	*15.80*	
08 71 11 00-0568	EA	Up To 1/2" Door To Floor Clearance, Bright Chrome Finish, Brass Floor Stop And Automatic Door Holder (Ives FS40)	158.14	17.85
		For >1/2" To 1-1/16" Door To Floor Clearance, Add	*1.78*	
		For >1-1/16" To 1-9/16" Door To Floor Clearance, Add	*10.53*	
		For >1-9/16" To 2-11/16" Door To Floor Clearance, Add	*15.80*	
08 71 11 00-0569	EA	Up To 1/2" Door To Floor Clearance, Bright Brass Finish, Brass Floor Stop And Automatic Door Holder (Ives FS40)	158.14	17.85
		For >1/2" To 1-1/16" Door To Floor Clearance, Add	*1.78*	
		For >1-1/16" To 1-9/16" Door To Floor Clearance, Add	*10.53*	
		For >1-9/16" To 2-11/16" Door To Floor Clearance, Add	*15.80*	
08 71 11 00-0570	EA	Up To 1/2" Door To Floor Clearance, Satin Bronze Finish, Brass Floor Stop And Automatic Door Holder (Ives FS40)	158.14	17.85
		For >1/2" To 1-1/16" Door To Floor Clearance, Add	*1.78*	
		For >1-1/16" To 1-9/16" Door To Floor Clearance, Add	*10.53*	
		For >1-9/16" To 2-11/16" Door To Floor Clearance, Add	*15.80*	
08 71 11 00-0571	EA	Up To 1/2" Door To Floor Clearance, Dark Bronze Finish, Brass Floor Stop And Automatic Door Holder (Ives FS40)	158.14	17.85
		For >1/2" To 1-1/16" Door To Floor Clearance, Add	*1.78*	
		For >1-1/16" To 1-9/16" Door To Floor Clearance, Add	*10.53*	
		For >1-9/16" To 2-11/16" Door To Floor Clearance, Add	*15.80*	
08 71 11 00-0572		**Wall Mounted Door Holders** *(08 71 11 00-0539)*		
08 71 11 00-0573		**Aluminum Wall Mounted Door Holders** *(08 71 11 00-0572)*		
08 71 11 00-0574	EA	4" Projection, Rigid Type, Satin Aluminum Finish, Aluminum Wall Stop And Manual Door Holder (Ives WS20)	113.52	10.41
08 71 11 00-0575	EA	Wall Mounted, Satin Aluminum Finish, Aluminum Automatic Door Holder (Ives WS40)	166.25	17.85
08 71 11 00-0576		**Brass Wall Mounted Door Holders** *(08 71 11 00-0572)*		
08 71 11 00-0577	EA	3-11/16" Projection, Rigid Type, Bright Brass Finish, Brass Wall Stop And Manual Door Holder (Ives WS445/449)	104.18	10.41
08 71 11 00-0578	EA	3-11/16" Projection, Rigid Type, Satin Chrome Finish, Brass Wall Stop And Manual Door Holder (Ives WS445/449)	120.90	10.41
08 71 11 00-0579	EA	3-11/16" Projection, Rigid Type, Bright Chrome Finish, Brass Wall Stop And Manual Door Holder (Ives WS445/449)	120.90	10.41
08 71 11 00-0580	EA	3-11/16" Projection, Rigid Type, Satin Brass Finish, Brass Wall Stop And Manual Door Holder (Ives WS445/449)	120.90	10.41
08 71 11 00-0581	EA	3-11/16" Projection, Rigid Type, Satin Bronze Finish, Brass Wall Stop And Manual Door Holder (Ives WS445/449)	120.90	10.41
08 71 11 00-0582	EA	3-11/16" Projection, Rigid Type, Dark Bronze Finish, Brass Wall Stop And Manual Door Holder (Ives WS445/449)	120.90	10.41
08 71 11 00-0583	EA	3-11/16" Projection, Rigid Type, Satin Nickel Finish, Brass Wall Stop And Manual Door Holder (Ives WS445/449)	124.83	10.41
08 71 11 00-0584	EA	4" Projection, Rigid Type, Satin Chrome Finish, Brass Wall Stop And Manual Door Holder (Ives WS20)	118.18	10.41
08 71 11 00-0585	EA	4" Projection, Rigid Type, Bright Chrome Finish, Brass Wall Stop And Manual Door Holder (Ives WS20)	140.99	10.41
08 71 11 00-0586	EA	4" Projection, Rigid Type, Satin Brass Finish, Brass Wall Stop And Manual Door Holder (Ives WS20)	140.99	10.41
08 71 11 00-0587	EA	4" Projection, Rigid Type, Bright Brass Finish, Brass Wall Stop And Manual Door Holder (Ives WS20)	140.99	10.41
08 71 11 00-0588	EA	4" Projection, Rigid Type, Satin Bronze Finish, Brass Wall Stop And Manual Door Holder (Ives WS20)	140.99	10.41
08 71 11 00-0589	EA	4" Projection, Rigid Type, Dark Bronze Finish, Brass Wall Stop And Manual Door Holder (Ives WS20)	140.99	10.41
08 71 11 00-0590	EA	Wall Mounted, Satin Chrome Finish, Brass Automatic Door Holder (Ives WS40)	189.01	17.85
08 71 11 00-0591	EA	Wall Mounted, Bright Chrome Finish, Brass Automatic Door Holder (Ives WS40)	199.25	17.85
08 71 11 00-0592	EA	Wall Mounted, Satin Brass Finish, Brass Automatic Door Holder (Ives WS40)	199.25	17.85
08 71 11 00-0593	EA	Wall Mounted, Bright Brass Finish, Brass Automatic Door Holder (Ives WS40)	199.25	17.85
08 71 11 00-0594	EA	Wall Mounted, Satin Bronze Finish, Brass Automatic Door Holder (Ives WS40)	199.25	17.85
08 71 11 00-0595	EA	Wall Mounted, Dark Bronze Finish, Brass Automatic Door Holder (Ives WS40)	199.25	17.85
08 71 11 00-0596		**Overhead Door Holders** *(08 71 11 00-0539)*		
08 71 11 00-0597		**Surface Mounted, Overhead Door Holders** *(08 71 11 00-0596)*		
08 71 11 00-0598	EA	Surface Mounted, Aluminum Finish, Overhead Door Holder/Stop Without Hold Open (Glynn Johnson 81)	586.30	29.74
		For Hold Open, Add	*67.43*	
08 71 11 00-0599	EA	Surface Mounted, Dark Bronze Finish, Overhead Door Holder/Stop Without Hold Open (Glynn Johnson 81)	672.39	29.74
		For Hold Open, Add	*79.85*	
08 71 11 00-0600	EA	Surface Mounted, Polished Brass Finish, Overhead Door Holder/Stop Without Hold Open (Glynn Johnson 81)	672.39	29.74
		For Hold Open, Add	*79.85*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0601	EA	Surface Mounted, Polished Chrome Finish, Overhead Door Holder/Stop Without Hold Open (Glynn Johnson 81)	672.39	29.74
		For Hold Open, Add	*79.85*	
08 71 11 00-0602	EA	Surface Mounted, Stainless Steel Finish, Overhead Door Holder/Stop Without Hold Open (Glynn Johnson 81)	669.46	29.74
		For Hold Open, Add	*79.43*	

08 71 11 00-0603 Heavy Duty, Surface Mounted, Overhead Door Holders *(08 71 11 00-0596)*

Note: With or without hold open feature.

08 71 11 00-0604	EA	Heavy Duty, Surface Mounted, Aluminum Finish, Overhead Door Holder/Stop (Glynn Johnson 90)	456.30	29.74
08 71 11 00-0605	EA	Heavy Duty, Surface Mounted, Stainless Steel Finish, Overhead Door Holder/Stop (Glynn Johnson 90)	661.85	29.74
08 71 11 00-0606	EA	Heavy Duty, Surface Mounted, Dark Bronze Finish, Overhead Door Holder/Stop (Glynn Johnson 90)	751.45	29.74
08 71 11 00-0607	EA	Heavy Duty, Surface Mounted, Polished Brass Finish, Overhead Door Holder/Stop (Glynn Johnson 90)	751.45	29.74
08 71 11 00-0608	EA	Heavy Duty, Surface Mounted, Polished Chrome Finish, Overhead Door Holder/Stop (Glynn Johnson 90)	751.45	29.74

08 71 11 00-0609 Concealed Mounted, Overhead Door Holders *(08 71 11 00-0596)*

Note: With or without hold open feature.

08 71 11 00-0610	EA	Concealed Mounted, Aluminum Finish, Overhead Door Holder/Stop (Glynn Johnson 100)	640.18	29.74
08 71 11 00-0611	EA	Concealed Mounted, Stainless Steel Finish, Overhead Door Holder/Stop (Glynn Johnson 100)	640.18	29.74
08 71 11 00-0612	EA	Concealed Mounted, Dark Bronze Finish, Overhead Door Holder/Stop (Glynn Johnson 100)	675.32	29.74
08 71 11 00-0613	EA	Concealed Mounted, Polished Brass Finish, Overhead Door Holder/Stop (Glynn Johnson 100)	705.19	29.74
08 71 11 00-0614	EA	Concealed Mounted, Polished Chrome Finish, Overhead Door Holder/Stop (Glynn Johnson 100)	705.19	29.74

08 71 11 00-0615 Silencers *(08 71 11 00-0420)*

08 71 11 00-0616	EA	Replacement Of Rubber Door Silencers Note: For repair / maintenance only. This task is not to be used in conjunction with new door or frame installations.	1.80	

08 71 11 00-0617 Bolts *(08 71 11 00-0420)*

08 71 11 00-0618 Brass Surface Bolts *(08 71 11 00-0617)*

08 71 11 00-0619	EA	8" Length, Satin Chrome Finish, Brass Surface Bolt With Strike (Ives SB1640)	192.07	14.88
08 71 11 00-0620	EA	8" Length, Bright Brass Finish, Brass Surface Bolt With Strike (Ives SB1640)	205.60	14.88
08 71 11 00-0621	EA	8" Length, Dark Bronze Finish, Brass Surface Bolt With Strike (Ives SB1640)	205.60	14.88

08 71 11 00-0622 Steel Surface Bolts *(08 71 11 00-0617)*

08 71 11 00-0623	EA	8" Length, Zinc Plated Finish, Steel Surface Bolt With Strike (Ives SB453)	87.25	14.88
08 71 11 00-0624	EA	8" Length, Bright Brass Finish, Steel Surface Bolt With Strike (Ives SB453)	87.25	14.88
08 71 11 00-0625	EA	8" Length, Satin Brass Finish, Steel Surface Bolt With Strike (Ives SB453)	87.25	14.88
08 71 11 00-0626	EA	8" Length, Satin Bronze Finish, Steel Surface Bolt With Strike (Ives SB453)	99.08	14.88
08 71 11 00-0627	EA	8" Length, Satin Chrome Finish, Steel Surface Bolt With Strike (Ives SB453)	100.78	14.88
08 71 11 00-0628	EA	8" Length, Dark Bronze Finish, Steel Surface Bolt With Strike (Ives SB453)	104.14	14.88
08 71 11 00-0629	EA	12" Length, Zinc Plated Finish, Steel Surface Bolt With Strike (Ives SB453)	102.44	14.88
08 71 11 00-0630	EA	12" Length, Satin Bronze Finish, Steel Surface Bolt With Strike (Ives SB453)	107.54	14.88
08 71 11 00-0631	EA	12" Length, Dark Bronze Finish, Steel Surface Bolt With Strike (Ives SB453)	114.30	14.88
08 71 11 00-0632	EA	12" Length, Satin Chrome Finish, Steel Surface Bolt With Strike (Ives SB453)	119.37	14.88
08 71 11 00-0633	EA	12" Length, Zinc Plated Finish, Steel Surface Bolt With Strike (Ives SB360)	187.01	14.88

08 71 11 00-0634 Door Viewer *(08 71 11 00-0420)*

08 71 11 00-0635 Brass Door Viewer *(08 71 11 00-0634)*

08 71 11 00-0636	EA	120 Degree Angle Of View, Satin Chrome Finish, Brass One-Way Door Viewer (Ives U700)	45.87	14.88
08 71 11 00-0637	EA	120 Degree Angle Of View, Satin Brass Finish, Brass One-Way Door Viewer (Ives U700)	45.87	14.88
08 71 11 00-0638	EA	120 Degree Angle Of View, Dark Bronze Finish, Brass One-Way Door Viewer (Ives U700)	45.87	14.88
08 71 11 00-0639	EA	150 Degree Angle Of View, Satin Chrome Finish, Brass One-Way Door Viewer (Ives U696)	53.43	14.88
08 71 11 00-0640	EA	150 Degree Angle Of View, Dark Bronze Finish, Brass One-Way Door Viewer (Ives U696)	53.43	14.88
08 71 11 00-0641	EA	150 Degree Angle Of View, Satin Brass Finish, Brass One-Way Door Viewer (Ives U696)	53.43	14.88
08 71 11 00-0642	EA	190 Degree Angle Of View, Satin Chrome Finish, Brass One-Way Wide Angle Door Viewer (Ives U698)	62.74	14.88
08 71 11 00-0643	EA	190 Degree Angle Of View, Bright Brass Finish, Brass One-Way Wide Angle Door Viewer (Ives U698)	62.74	14.88

08 71 11 00-0644 Door Knockers *(08 71 11 00-0420)*

08 71 11 00-0645 Brass Door Knockers *(08 71 11 00-0644)*

08 71 11 00-0646	EA	5-15/16" Length, 3" Width, Bright Brass Finish, Brass Door Knocker (Ives 3125)	69.18	14.88
08 71 11 00-0647	EA	5-15/16" Length, 3" Width, Satin Chrome Finish, Brass Door Knocker (Ives 3125)	76.36	14.88
08 71 11 00-0648	EA	5-15/16" Length, 3" Width, Bright Chrome Finish, Brass Door Knocker (Ives 3125)	76.36	14.88
08 71 11 00-0649	EA	5-15/16" Length, 3" Width, Satin Nickel Finish, Brass Door Knocker (Ives 3125)	76.36	14.88
08 71 11 00-0650	EA	8-1/2" Length, 4-1/8" Width, Bright Brass Finish, Brass Door Knocker (Ives 3107)	103.59	14.88
08 71 11 00-0651	EA	8-1/2" Length, 4-1/8" Width, Satin Nickel Finish, Brass Door Knocker (Ives 3107)	120.89	14.88

08 71 11 00-0652 Hasps *(08 71 11 00-0420)*

08 71 11 00-0653	EA	3-1/4", Zinc Plated Finish, Steel Hasp Assembly	32.23	11.22
08 71 11 00-0654	EA	4-1/2", Zinc Plated Finish, Steel Hasp Assembly	34.36	11.90
08 71 11 00-0655	EA	6", Zinc Plated Finish, Steel Hasp Assembly	43.93	13.39
08 71 11 00-0656	EA	6", Zinc Plated Finish, Steel High Security Hasp Assembly	180.88	16.06

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0657		**Flush Bolts** *(08 71 11 00-0420)*		
08 71 11 00-0658		**Flush Bolts For Metal Doors** *(08 71 11 00-0657)*		
08 71 11 00-0659		**Brass Flush Bolts For Metal Doors** *(08 71 11 00-0658)*		
08 71 11 00-0660		**Manual, Brass Flush Bolts For Metal Doors** *(08 71 11 00-0659)* Note: Includes brass construction with bright brass, satin brass, satin bronze, dark bronze, satin nickel, bright chrome or satin chrome finish.		
08 71 11 00-0661	EA	Top Or Bottom Bolt, Manual, Brass Flush Bolt For Metal Doors (Ives FB457/458)	66.96	14.88
08 71 11 00-0662		**Automatic, Brass Flush Bolts For Metal Doors** *(08 71 11 00-0659)* Note: Includes brass construction with bright brass, satin brass, satin bronze or dark bronze finish.		
08 71 11 00-0663	EA	Top Bolt Only, Automatic, Brass Flush Bolt For Metal Doors (Ives FB31T)	137.68	14.88
08 71 11 00-0664	EA	Bottom Bolt Only, Automatic, Brass Flush Bolt For Metal Doors (Ives FB31B)	137.68	14.88
08 71 11 00-0665	EA	Top And Bottom Bolt, Automatic, Brass Flush Bolt For Metal Doors (Ives FB31P)	239.35	23.79
08 71 11 00-0666	EA	Top Bolt With Auxiliary Fire Latch, Automatic, Brass Flush Bolt For Metal Doors (Ives FB32)	246.19	20.82
08 71 11 00-0667	EA	Top Bolt With Auxiliary Fire Latch And Retrofit Plate, Automatic, Brass Flush Bolt For Metal Doors (Ives FB33)	255.94	22.30
08 71 11 00-0668		**Constant Latching, Brass Flush Bolts For Metal Doors** *(08 71 11 00-0659)* Note: Includes brass construction with bright brass, satin brass, satin bronze or dark bronze finish.		
08 71 11 00-0669	EA	Top Bolt Only, Constant Latching, Brass Flush Bolt For Metal Doors (Ives FB51T)	163.17	14.88
08 71 11 00-0670	EA	Top And Bottom Bolt, Constant Latching, Brass Flush Bolt For Metal Doors (Ives FB51P)	303.27	23.79
08 71 11 00-0671	EA	Top Bolt With Auxiliary Fire Latch, Constant Latching, Brass Flush Bolt For Metal Doors (Ives FB52)	297.32	20.82
08 71 11 00-0672	EA	Top Bolt With Auxiliary Fire Latch And Retrofit Plate, Constant Latching, Brass Flush Bolt For Metal Doors (Ives FB53)	308.76	22.30
08 71 11 00-0673		**Stainless Steel Flush Bolts For Metal Doors** *(08 71 11 00-0658)*		
08 71 11 00-0674		**Automatic, Stainless Steel Flush Bolts For Metal Doors** *(08 71 11 00-0673)* Note: Includes stainless steel construction with bright or satin finish.		
08 71 11 00-0675	EA	Top Bolt Only, Automatic, Stainless Steel Flush Bolt For Metal Doors (Ives FB31T)	137.68	14.88
08 71 11 00-0676	EA	Bottom Bolt Only, Automatic, Stainless Steel Flush Bolt For Metal Doors (Ives FB31B)	137.68	14.88
08 71 11 00-0677	EA	Top And Bottom Bolt, Automatic, Stainless Steel Flush Bolt For Metal Doors (Ives FB31P)	239.35	23.79
08 71 11 00-0678	EA	Top Bolt With Auxiliary Fire Latch, Automatic, Stainless Steel Flush Bolt For Metal Doors (Ives FB32)	246.19	20.82
08 71 11 00-0679	EA	Top Bolt With Auxiliary Fire Latch And Retrofit Plate, Automatic, Stainless Steel Flush Bolt For Metal Doors (Ives FB33)	255.94	22.30
08 71 11 00-0680		**Constant Latching, Stainless Steel Flush Bolts For Metal Doors** *(08 71 11 00-0673)* Note: Includes stainless steel construction with bright or satin finish.		
08 71 11 00-0681	EA	Top Bolt Only, Constant Latching, Stainless Steel Flush Bolt For Metal Doors (Ives FB51T)	163.17	14.88
08 71 11 00-0682	EA	Top And Bottom Bolt, Constant Latching, Stainless Steel Flush Bolt For Metal Doors (Ives FB51P)	303.27	23.79
08 71 11 00-0683	EA	Top Bolt With Auxiliary Fire Latch, Constant Latching, Stainless Steel Flush Bolt For Metal Doors (Ives FB52)	297.32	20.82
08 71 11 00-0684	EA	Top Bolt With Auxiliary Fire Latch And Retrofit Plate, Constant Latching, Stainless Steel Flush Bolt For Metal Doors (Ives FB53)	308.76	22.30
08 71 11 00-0685		**Flush Bolts For Wood Doors** *(08 71 11 00-0657)*		
08 71 11 00-0686		**Brass Flush Bolts For Wood Doors** *(08 71 11 00-0685)*		
08 71 11 00-0687		**Manual, Brass Flush Bolts For Wood Doors** *(08 71 11 00-0686)* Note: Includes brass construction with bright brass, satin brass, satin bronze, dark bronze, satin nickel, bright chrome or satin chrome finish.		
08 71 11 00-0688	EA	Top Or Bottom Bolt, Manual, Brass Flush Bolt For Wood Doors (Ives FB358)	79.61	14.88
08 71 11 00-0689		**Automatic, Brass Flush Bolts For Wood Doors** *(08 71 11 00-0686)* Note: Includes brass construction with bright brass, satin brass, satin bronze or dark bronze finish.		
08 71 11 00-0690	EA	Top Bolt Only, Automatic, Brass Flush Bolt For Wood Doors (Ives FB41T)	171.26	14.88
08 71 11 00-0691	EA	Bottom Bolt Only, Automatic, Brass Flush Bolt For Metal Doors (Ives FB41B)	171.26	14.88
08 71 11 00-0692	EA	Top And Bottom Bolt, Automatic, Brass Flush Bolt For Wood Doors (Ives FB41P)	317.47	23.79
08 71 11 00-0693	EA	Top Bolt With Auxiliary Fire Latch, Automatic, Brass Flush Bolt For Wood Doors (Ives FB42)	311.52	20.82
08 71 11 00-0694		**Constant Latching, Brass Flush Bolts For Wood Doors** *(08 71 11 00-0686)* Note: Includes brass construction with bright brass, satin brass, satin bronze or dark bronze finish.		
08 71 11 00-0695	EA	Top Bolt Only, Constant Latching, Brass Flush Bolt For Wood Doors (Ives FB61T)	169.94	14.88
08 71 11 00-0696	EA	Top And Bottom Bolt, Constant Latching, Brass Flush Bolt For Wood Doors (Ives FB61P)	317.47	23.79
08 71 11 00-0697	EA	Top Bolt With Auxiliary Fire Latch, Constant Latching, Brass Flush Bolt For Wood Doors (Ives FB62)	311.52	20.82
08 71 11 00-0698		**Stainless Steel Flush Bolts For Wood Doors** *(08 71 11 00-0685)*		
08 71 11 00-0699		**Automatic, Stainless Steel Flush Bolts For Wood Doors** *(08 71 11 00-0698)* Note: Includes stainless steel construction with bright or satin finish.		
08 71 11 00-0700	EA	Top Bolt Only, Automatic, Stainless Steel Flush Bolt For Wood Doors (Ives FB41T)	171.26	14.88
08 71 11 00-0701	EA	Bottom Bolt Only, Automatic, Stainless Steel Flush Bolt For Metal Doors (Ives FB41B)	171.26	14.88

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0702	EA	Top And Bottom Bolt, Automatic, Stainless Steel Flush Bolt For Wood Doors (Ives FB41P)	317.47	23.79
08 71 11 00-0703	EA	Top Bolt With Auxiliary Fire Latch, Automatic, Stainless Steel Flush Bolt For Wood Doors (Ives FB42)	311.52	20.82
08 71 11 00-0704		Constant Latching, Stainless Steel Flush Bolts For Wood Doors *(08 71 11 00-0698)*		
		Note: Includes stainless steel construction with bright or satin finish.		
08 71 11 00-0705	EA	Top Bolt Only, Constant Latching, Stainless Steel Flush Bolt For Wood Doors (Ives FB61T)	169.94	14.88
08 71 11 00-0706	EA	Top And Bottom Bolt, Constant Latching, Stainless Steel Flush Bolt For Wood Doors (Ives FB61P)	317.47	23.79
08 71 11 00-0707	EA	Top Bolt With Auxiliary Fire Latch, Constant Latching, Stainless Steel Flush Bolt For Wood Doors (Ives FB62)	311.52	20.82
08 71 11 00-0708		Dust Proof Strikes *(08 71 11 00-0657)*		
08 71 11 00-0709	EA	Satin Brass Finish, Brass Dust Proof Strike (Ives DP1)	59.98	11.90
08 71 11 00-0710	EA	Satin Chrome Finish, Brass Dust Proof Strike (Ives DP1)	59.98	11.90
08 71 11 00-0711	EA	Bright Brass Finish, Brass Dust Proof Strike (Ives DP1)	59.98	11.90
08 71 11 00-0712	EA	Satin Bronze Finish, Brass Dust Proof Strike (Ives DP1)	59.98	11.90
08 71 11 00-0713	EA	Dark Bronze Finish, Brass Dust Proof Strike (Ives DP1)	59.98	11.90
08 71 11 00-0714	EA	Satin Bronze Finish, Brass Dust Proof Strike With Plate (Ives DP2)	69.44	11.90
08 71 11 00-0715	EA	Satin Chrome Finish, Brass Dust Proof Strike With Plate (Ives DP2)	69.44	11.90
08 71 11 00-0716	EA	Satin Brass Finish, Brass Dust Proof Strike With Plate (Ives DP2)	69.44	11.90
08 71 11 00-0717	EA	Bright Brass Finish, Brass Dust Proof Strike With Plate (Ives DP2)	69.44	11.90
08 71 11 00-0718	EA	Dark Bronze Finish, Brass Dust Proof Strike With Plate (Ives DP2)	69.44	11.90
08 71 11 00-0719		Roller Bumpers *(08 71 11 00-0420)*		
08 71 11 00-0720		Brass Roller Bumpers *(08 71 11 00-0719)*		
08 71 11 00-0721	EA	5" Length, Bright Brass Finish, Brass Offset Arm Roller Bumper (Ives RB470)	63.24	8.93
08 71 11 00-0722	EA	5" Length, Satin Chrome Finish, Brass Offset Arm Roller Bumper (Ives RB470)	74.54	8.93
08 71 11 00-0723	EA	5" Length, Bright Chrome Finish, Brass Offset Arm Roller Bumper (Ives RB470)	74.54	8.93
08 71 11 00-0724	EA	4-1/2" Length, Bright Brass Finish, Brass Straight Arm Roller Bumper (Ives RB471)	60.69	8.93
08 71 11 00-0725	EA	4-1/2" Length, Satin Chrome Finish, Brass Straight Arm Roller Bumper (Ives RB471)	69.30	8.93
08 71 11 00-0726	EA	4-1/2" Length, Bright Chrome Finish, Brass Straight Arm Roller Bumper (Ives RB471)	69.30	8.93
08 71 11 00-0727	EA	4-1/2" Length, Satin Brass Finish, Brass Straight Arm Roller Bumper (Ives RB471)	69.30	8.93
08 71 11 00-0728	EA	6" Length, Bright Brass Finish, Brass Straight Arm Roller Bumper (Ives RB472)	63.41	8.93
08 71 11 00-0729	EA	6" Length, Satin Nickel Finish, Brass Straight Arm Roller Bumper (Ives RB472)	69.50	8.93
08 71 11 00-0730	EA	6" Length, Satin Chrome Finish, Brass Straight Arm Roller Bumper (Ives RB472)	72.37	8.93
08 71 11 00-0731	EA	6" Length, Bright Chrome Finish, Brass Straight Arm Roller Bumper (Ives RB472)	72.37	8.93
08 71 11 00-0732	EA	6" Length, Satin Brass Finish, Brass Straight Arm Roller Bumper (Ives RB472)	72.37	8.93
08 71 11 00-0733	EA	6" Length, Satin Bronze Finish, Brass Straight Arm Roller Bumper (Ives RB472)	72.37	8.93
08 71 11 00-0734	EA	6" Length, Dark Bronze Finish, Brass Straight Arm Roller Bumper (Ives RB472)	72.37	8.93
08 71 11 00-0735		Other Door Trim *(08 71 11 00-0420)*		
08 71 11 00-0736		Coat And Hat Hooks *(08 71 11 00-0735)*		
08 71 11 00-0737		Aluminum Coat And Hat Hooks *(08 71 11 00-0736)*		
08 71 11 00-0738	EA	1-1/4" Height, 1-1/4" Width, Bright Brass Finish, Aluminum Wardrobe Hook (Ives 581)	20.91	8.93
08 71 11 00-0739	EA	1-1/4" Height, 1-1/4" Width, Aluminum Finish, Aluminum Wardrobe Hook (Ives 581)	20.91	8.93
08 71 11 00-0740	EA	1-1/4" Height, 1-1/4" Width, Satin Nickel Finish, Aluminum Wardrobe Hook (Ives 581)	21.12	8.93
08 71 11 00-0741	EA	1-3/4" Height, 1-1/4" Width, Satin Bronze Finish, Aluminum Coat And Hat Hook (Ives 571)	20.77	8.93
08 71 11 00-0742	EA	1-3/4" Height, 1-1/4" Width, Bright Brass Finish, Aluminum Coat And Hat Hook (Ives 571)	20.77	8.93
08 71 11 00-0743	EA	1-3/4" Height, 1-1/4" Width, Aluminum Finish, Aluminum Coat And Hat Hook (Ives 571)	20.77	8.93
08 71 11 00-0744	EA	1-3/4" Height, 1-1/4" Width, Satin Nickel Finish, Aluminum Coat And Hat Hook (Ives 571)	21.12	8.93
08 71 11 00-0745	EA	1-1/2" Height, 2-1/2" Width, Satin Brass Finish, Aluminum Coat And Hat Hook (Ives 405)	22.17	8.93
08 71 11 00-0746	EA	1-1/2" Height, 2-1/2" Width, Bright Brass Finish, Aluminum Coat And Hat Hook (Ives 405)	22.17	8.93
08 71 11 00-0747	EA	1-1/2" Height, 2-1/2" Width, Satin Bronze Finish, Aluminum Coat And Hat Hook (Ives 405)	22.17	8.93
08 71 11 00-0748	EA	1-1/2" Height, 2-1/2" Width, Dark Bronze Finish, Aluminum Coat And Hat Hook (Ives 405)	22.17	8.93
08 71 11 00-0749	EA	1-1/2" Height, 2-1/2" Width, Aluminum Finish, Aluminum Coat And Hat Hook (Ives 405)	22.17	8.93
08 71 11 00-0750		Brass Coat And Hat Hooks *(08 71 11 00-0736)*		
08 71 11 00-0751	EA	1-1/4" Height, 1-1/4" Width, Bright Brass Finish, Brass Wardrobe Hook (Ives 581)	26.65	8.93
08 71 11 00-0752	EA	1-1/4" Height, 1-1/4" Width, Satin Brass Finish, Brass Wardrobe Hook (Ives 581)	27.21	8.93
08 71 11 00-0753	EA	1-1/4" Height, 1-1/4" Width, Dark Bronze Finish, Brass Wardrobe Hook (Ives 581)	28.09	8.93
08 71 11 00-0754	EA	1-1/4" Height, 1-1/4" Width, Satin Chrome Finish, Brass Wardrobe Hook (Ives 581)	28.09	8.93
08 71 11 00-0755	EA	1-1/4" Height, 1-1/4" Width, Satin Nickel Finish, Brass Wardrobe Hook (Ives 581)	28.64	8.93
08 71 11 00-0756	EA	1-3/4" Height, 1-1/4" Width, Bright Brass Finish, Brass Coat And Hat Hook (Ives 571)	30.43	8.93
08 71 11 00-0757	EA	1-3/4" Height, 1-1/4" Width, Satin Brass Finish, Brass Coat And Hat Hook (Ives 571)	32.95	8.93
08 71 11 00-0758	EA	1-3/4" Height, 1-1/4" Width, Dark Bronze Finish, Brass Coat And Hat Hook (Ives 571)	32.95	8.93
08 71 11 00-0759	EA	1-3/4" Height, 1-1/4" Width, Satin Chrome Finish, Brass Coat And Hat Hook (Ives 571)	32.95	8.93
08 71 11 00-0760	EA	1-3/4" Height, 1-1/4" Width, Satin Nickel Finish, Brass Coat And Hat Hook (Ives 571)	33.50	8.93
08 71 11 00-0761		Door Plates And Pulls *(08 71 11)*		
08 71 11 00-0762		Kick Plate *(08 71 11 00-0761)*		
		Note: Ives 8400.		
08 71 11 00-0763		Aluminum Base Material Kick Plate *(08 71 11 00-0762)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0764		Satin Aluminum Finish, Aluminum Kick Plate *(08 71 11 00-0763)*		
08 71 11 00-0765	EA	8" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	63.67	8.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0766	EA	8" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	66.25	8.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0767	EA	8" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	68.77	8.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0768	EA	8" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	71.32	8.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0769	EA	8" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	76.29	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0770	EA	8" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	78.78	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0771	EA	8" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	81.33	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0772	EA	8" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	83.88	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0773	EA	8" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	88.80	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0774	EA	8" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	91.35	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0775	EA	8" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	93.87	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0776	EA	8" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	98.84	10.71
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0777	EA	8" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	101.39	10.71
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0778	EA	8" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	103.91	10.71
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0779	EA	10" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	70.71	8.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0780	EA	10" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	73.90	8.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0781	EA	10" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	77.04	8.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0782	EA	10" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	80.23	8.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0783	EA	10" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	85.81	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0784	EA	10" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	88.98	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0785	EA	10" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	92.17	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0786	EA	10" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	95.34	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0787	EA	10" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	100.90	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0788	EA	10" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	104.07	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0789	EA	10" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	107.26	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0790	EA	10" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	112.84	10.71
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0791	EA	10" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	115.98	10.71
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0792	EA	10" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	119.17	10.71
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0793	EA	12" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	77.71	8.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0794	EA	12" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	81.49	8.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0795	EA	12" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	85.36	8.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0796	EA	12" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	89.11	8.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0797	EA	12" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	95.34	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0798	EA	12" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	99.15	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0799	EA	12" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	102.96	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0800	EA	12" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	106.80	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0801	EA	12" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	112.97	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0802	EA	12" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	116.78	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0803	EA	12" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	120.62	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0804	EA	12" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	126.82	10.71
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0805	EA	12" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	130.63	10.71
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0806	EA	12" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	134.47	10.71
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0807	EA	14" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	87.05	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0808	EA	14" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	91.50	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0809	EA	14" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	96.01	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0810	EA	14" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	100.47	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0811	EA	14" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	107.26	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0812	EA	14" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	111.71	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0813	EA	14" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	116.17	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0814	EA	14" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	120.62	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0815	EA	14" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	127.47	10.71
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0816	EA	14" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	131.89	10.71
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0817	EA	14" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	136.35	10.71
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0818	EA	14" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	143.17	11.30
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0819	EA	14" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	147.65	11.30
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0820	EA	14" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	152.11	11.30
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0821	EA	16" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	94.08	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0822	EA	16" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	99.15	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0823	EA	16" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	104.28	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0824	EA	16" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	109.34	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0825	EA	16" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	111.71	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0826	EA	16" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	121.91	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0827	EA	16" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	127.01	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0828	EA	16" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	132.08	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0829	EA	16" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	139.54	10.71
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0830	EA	16" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	144.67	10.71
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0831	EA	16" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	149.74	10.71
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0832	EA	16" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	157.18	11.30
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0833	EA	16" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	162.28	11.30
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0834	EA	16" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	167.40	11.30
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0835	EA	18" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	105.10	9.52
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0836	EA	18" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	111.19	9.52
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0837	EA	18" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	117.29	9.52
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0838	EA	18" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	123.38	9.52
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0839	EA	18" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	131.82	10.12
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0840	EA	18" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	137.91	10.12
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0841	EA	18" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	144.01	10.12
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0842	EA	18" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	150.10	10.12
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0843	EA	18" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	158.59	10.71
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0844	EA	18" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	164.68	10.71
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0845	EA	18" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	170.78	10.71
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0846	EA	18" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	179.24	11.30
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0847	EA	18" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	185.34	11.30
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0848	EA	18" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	191.43	11.30
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0849	EA	20" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	114.91	10.12
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0850	EA	20" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	121.68	10.12
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0851	EA	20" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	128.45	10.12
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0852	EA	20" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	135.22	10.12
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0853	EA	20" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	144.37	10.71
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0854	EA	20" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	151.14	10.71
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0855	EA	20" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	157.91	10.71
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0856	EA	20" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	164.68	10.71
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0857	EA	20" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	173.82	11.30
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0858	EA	20" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	180.59	11.30
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0859	EA	20" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	187.36	11.30
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0860	EA	20" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	196.51	11.90
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0861	EA	20" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	203.28	11.90
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0862	EA	20" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	210.05	11.90
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0863	EA	22" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	122.35	10.12
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0864	EA	22" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	129.79	10.12
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0865	EA	22" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	137.24	10.12
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0866	EA	22" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	144.68	10.12
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0867	EA	22" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	154.54	10.71
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0868	EA	22" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	161.99	10.71
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0869	EA	22" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	169.43	10.71
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0870	EA	22" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	176.87	10.71
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0871	EA	22" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	186.68	11.30
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0872	EA	22" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	194.13	11.30
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0873	EA	22" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	201.57	11.30
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0874	EA	22" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	211.39	11.90
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0875	EA	22" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	218.84	11.90
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0876	EA	22" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	226.28	11.90
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0877	EA	24" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	129.79	10.12
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0878	EA	24" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	137.91	10.12
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0879	EA	24" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	146.06	10.12
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0880	EA	24" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	154.17	10.12
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0881	EA	24" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	164.68	10.71
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0882	EA	24" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	172.80	10.71
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0883	EA	24" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	180.92	10.71
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0884	EA	24" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	189.06	10.71
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0885	EA	24" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	199.55	11.30
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0886	EA	24" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	207.67	11.30
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0887	EA	24" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	215.78	11.30
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0888	EA	24" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	226.28	11.90
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0889	EA	24" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	234.43	11.90
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0890	EA	24" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	242.54	11.90
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	

08 71 11 00-0891 Brass Base Material Kick Plate *(08 71 11 00-0762)*

08 71 11 00-0892 Bright/Satin Brass Finish, Brass Kick Plate *(08 71 11 00-0891)*

08 71 11 00-0893	EA	8" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	128.72	8.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0894	EA	8" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	137.16	8.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0895	EA	8" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	145.64	8.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0896	EA	8" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	154.09	8.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0897	EA	8" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	164.92	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0898	EA	8" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	173.43	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0899	EA	8" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	181.88	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0900	EA	8" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	190.32	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0901	EA	8" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	201.14	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0902	EA	8" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	209.58	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0903	EA	8" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	218.03	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0904	EA	8" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	228.87	10.71
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0905	EA	8" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	237.37	10.71
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0906	EA	8" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	245.82	10.71
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0907	EA	10" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	152.00	8.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0908	EA	10" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	162.53	8.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0909	EA	10" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	173.13	8.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0910	EA	10" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	183.69	8.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0911	EA	10" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	196.62	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0912	EA	10" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	207.21	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0913	EA	10" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	217.81	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0914	EA	10" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	228.37	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0915	EA	10" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	241.28	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0916	EA	10" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	251.88	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0917	EA	10" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	262.47	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0918	EA	10" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	275.40	10.71
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0919	EA	10" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	285.99	10.71
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0920	EA	10" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	296.56	10.71
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0921	EA	12" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	175.19	8.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0922	EA	12" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	187.93	8.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0923	EA	12" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	200.59	8.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0924	EA	12" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	213.27	8.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0925	EA	12" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	228.37	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0926	EA	12" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	241.06	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0927	EA	12" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	253.74	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0928	EA	12" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	266.40	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0929	EA	12" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	281.51	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0930	EA	12" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	294.17	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0931	EA	12" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	306.85	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0932	EA	12" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	321.92	10.71
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0933	EA	12" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	334.58	10.71
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0934	EA	12" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	347.32	10.71
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0935	EA	14" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	200.89	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0936	EA	14" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	215.66	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0937	EA	14" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	230.46	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0938	EA	14" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	245.30	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0939	EA	14" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	262.47	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0940	EA	14" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	277.27	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0941	EA	14" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	292.05	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0942	EA	14" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	306.85	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0943	EA	14" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	324.04	10.71
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0944	EA	14" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	338.85	10.71
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0945	EA	14" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	353.62	10.71
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0946	EA	14" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	370.79	11.30
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0947	EA	14" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	385.63	11.30
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0948	EA	14" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	400.43	11.30
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0949	EA	16" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	283.20	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0950	EA	16" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	305.54	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0951	EA	16" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	327.82	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0952	EA	16" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	350.07	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0953	EA	16" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	374.72	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0954	EA	16" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	397.02	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0955	EA	16" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	419.33	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0956	EA	16" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	441.55	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0957	EA	16" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	466.28	10.71
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0958	EA	16" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	488.59	10.71
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0959	EA	16" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	510.87	10.71
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0960	EA	16" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	535.48	11.30
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0961	EA	16" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	557.76	11.30
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0962	EA	16" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	580.07	11.30
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0963	EA	18" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	313.37	9.52
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0964	EA	18" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	338.38	9.52
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0965	EA	18" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	363.37	9.52
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0966	EA	18" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	388.44	9.52
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0967	EA	18" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	415.83	10.12
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0968	EA	18" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	440.82	10.12
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0969	EA	18" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	465.89	10.12
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0970	EA	18" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	490.88	10.12
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0971	EA	18" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	518.34	10.71
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0972	EA	18" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	543.36	10.71
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0973	EA	18" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	568.34	10.71
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0974	EA	18" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	595.79	11.30
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0975	EA	18" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	620.77	11.30
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0976	EA	18" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	645.79	11.30
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0977	EA	20" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	346.32	10.12
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0978	EA	20" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	374.10	10.12
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0979	EA	20" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	401.94	10.12
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0980	EA	20" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	429.69	10.12
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0981	EA	20" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	459.92	10.71
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0982	EA	20" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	487.73	10.71
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0983	EA	20" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	515.52	10.71
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0984	EA	20" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	543.36	10.71
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0985	EA	20" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	573.48	11.30
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0986	EA	20" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	601.32	11.30
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0987	EA	20" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	629.13	11.30
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0988	EA	20" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	659.29	11.90
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0989	EA	20" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	687.13	11.90
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0990	EA	20" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	714.89	11.90
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0991	EA	22" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	376.92	10.12
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0992	EA	22" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	407.47	10.12
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0993	EA	22" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	438.05	10.12
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0994	EA	22" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	468.66	10.12
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0995	EA	22" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	501.62	10.71
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0996	EA	22" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	532.23	10.71
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0997	EA	22" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	562.81	10.71
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0998	EA	22" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	593.42	10.71
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-0999	EA	22" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	626.33	11.30
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1000	EA	22" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	656.91	11.30
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1001	EA	22" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	687.52	11.30
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1002	EA	22" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	720.48	11.90
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1003	EA	22" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	751.08	11.90
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1004	EA	22" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	781.60	11.90
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1005	EA	24" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	407.47	10.12
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1006	EA	24" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	440.82	10.12
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1007	EA	24" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	474.22	10.12
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1008	EA	24" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	507.59	10.12
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1009	EA	24" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	543.36	10.71
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1010	EA	24" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	576.70	10.71
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1011	EA	24" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	610.07	10.71
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1012	EA	24" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	645.27	10.71
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1013	EA	24" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	679.16	11.30
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1014	EA	24" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	712.51	11.30
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1015	EA	24" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	745.88	11.30
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1016	EA	24" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	781.60	11.90
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1017	EA	24" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	815.04	11.90
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1018	EA	24" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	848.38	11.90
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1019		Bright/Satin Chrome Finish, Stainless Kick Plate *(08 71 11 00-0891)*		
08 71 11 00-1020	EA	8" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	138.58	8.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1021	EA	8" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	147.94	8.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1022	EA	8" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	157.29	8.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1023	EA	8" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	166.65	8.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1024	EA	8" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	178.39	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1025	EA	8" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	187.72	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1026	EA	8" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	197.08	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1027	EA	8" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	206.43	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1028	EA	8" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	218.16	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1029	EA	8" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	227.55	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1030	EA	8" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	236.90	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1031	EA	8" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	248.65	10.71
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1032	EA	8" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	258.00	10.71
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1033	EA	8" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	267.36	10.71
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1034	EA	10" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	164.32	8.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1035	EA	10" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	176.00	8.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1036	EA	10" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	187.69	8.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1037	EA	10" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	199.38	8.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1038	EA	10" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	213.49	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1039	EA	10" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	225.18	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1040	EA	10" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	236.86	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1041	EA	10" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	248.55	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1042	EA	10" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	262.61	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1043	EA	10" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	274.30	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1044	EA	10" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	285.99	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1045	EA	10" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	300.06	10.71
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1046	EA	10" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	311.75	10.71
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1047	EA	10" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	323.44	10.71
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1048	EA	12" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	190.02	8.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1049	EA	12" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	204.04	8.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1050	EA	12" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	218.12	8.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1051	EA	12" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	232.14	8.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1052	EA	12" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	248.55	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1053	EA	12" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	262.60	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1054	EA	12" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	276.62	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1055	EA	12" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	290.64	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1056	EA	12" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	307.03	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1057	EA	12" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	321.05	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1058	EA	12" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	335.10	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1059	EA	12" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	351.51	10.71
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1060	EA	12" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	365.59	10.71
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1061	EA	12" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	379.61	10.71
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1062	EA	14" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	218.12	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1063	EA	14" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	234.53	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1064	EA	14" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	250.91	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1065	EA	14" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	267.26	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1066	EA	14" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	285.99	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1067	EA	14" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	302.37	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1068	EA	14" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	318.72	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1069	EA	14" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	335.10	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1070	EA	14" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	353.90	10.71
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1071	EA	14" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	370.25	10.71
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1072	EA	14" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	386.60	10.71
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1073	EA	14" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	375.84	11.30
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1074	EA	14" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	421.70	11.30
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1075	EA	14" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	438.08	11.30
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1076	EA	16" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	312.45	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1077	EA	16" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	337.42	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1078	EA	16" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	362.36	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1079	EA	16" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	387.30	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1080	EA	16" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	414.61	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1081	EA	16" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	439.55	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1082	EA	16" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	464.52	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1083	EA	16" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	489.46	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1084	EA	16" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	516.79	10.71
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1085	EA	16" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	541.73	10.71
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1086	EA	16" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	566.67	10.71
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1087	EA	16" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	593.98	11.30
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1088	EA	16" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	618.92	11.30
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1089	EA	16" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	643.86	11.30
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1090	EA	18" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	345.86	9.52
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1091	EA	18" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	373.87	9.52
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1092	EA	18" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	401.82	9.52
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1093	EA	18" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	429.83	9.52
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1094	EA	18" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	460.15	10.12
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1095	EA	18" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	488.13	10.12
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1096	EA	18" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	516.11	10.12
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1097	EA	18" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	544.09	10.12
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1098	EA	18" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	574.43	10.71
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1099	EA	18" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	602.44	10.71
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1100	EA	18" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	630.45	10.71
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1101	EA	18" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	660.77	11.30
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1102	EA	18" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	688.78	11.30
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1103	EA	18" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	716.74	11.30
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1104	EA	20" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	382.41	10.12
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1105	EA	20" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	413.55	10.12
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1106	EA	20" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	444.60	10.12
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1107	EA	20" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	475.74	10.12
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1108	EA	20" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	509.18	10.71
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1109	EA	20" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	540.26	10.71
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1110	EA	20" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	571.37	10.71
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1111	EA	20" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	602.44	10.71
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1112	EA	20" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	635.95	11.30
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1113	EA	20" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	667.00	11.30
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1114	EA	20" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	698.08	11.30
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1115	EA	20" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	731.57	11.90
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1116	EA	20" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate	762.65	11.90
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1117	EA	20" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	793.76	11.90
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1118	EA	22" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	416.62	10.12
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1119	EA	22" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	450.86	10.12
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1120	EA	22" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	485.03	10.12
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1121	EA	22" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	519.21	10.12
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1122	EA	22" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	555.84	10.71
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1123	EA	22" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	590.02	10.71
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1124	EA	22" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	624.23	10.71
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1125	EA	22" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	658.40	10.71
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1126	EA	22" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	695.01	11.30
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1127	EA	22" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	729.19	11.30
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1128	EA	22" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	763.40	11.30
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1129	EA	22" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	799.96	11.90
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1130	EA	22" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	834.14	11.90
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1131	EA	22" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	868.37	11.90
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1132	EA	24" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	450.86	10.12
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1133	EA	24" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	488.13	10.12
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1134	EA	24" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	525.44	10.12
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1135	EA	24" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	562.75	10.12
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1136	EA	24" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	602.44	10.71
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1137	EA	24" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	639.75	10.71
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1138	EA	24" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	677.12	10.71
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1139	EA	24" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	714.37	10.71
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1140	EA	24" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	754.04	11.30
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1141	EA	24" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	791.38	11.30
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1142	EA	24" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	828.69	11.30
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1143	EA	24" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	868.37	11.90
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1144	EA	24" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	905.68	11.90
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1145	EA	24" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate	942.99	11.90
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	

08 71 11 00-1146 Satin/Dark Bronze Finish, Brass Kick Plate *(08 71 11 00-0891)*

08 71 11 00-1147	EA	8" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	140.10	8.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1148	EA	8" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	149.54	8.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1149	EA	8" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	159.08	8.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1150	EA	8" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	168.52	8.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1151	EA	8" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	180.45	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1152	EA	8" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	189.92	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1153	EA	8" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	199.43	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1154	EA	8" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	208.90	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1155	EA	8" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	220.72	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1156	EA	8" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	230.25	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1157	EA	8" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	239.73	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1158	EA	8" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	251.62	10.71
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1159	EA	8" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	261.10	10.71
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1160	EA	8" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	270.60	10.71
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1161	EA	10" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	166.17	8.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1162	EA	10" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	178.06	8.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1163	EA	10" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	189.89	8.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1164	EA	10" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	201.75	8.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1165	EA	10" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	216.00	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1166	EA	10" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	227.88	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1167	EA	10" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	239.71	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1168	EA	10" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	251.57	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1169	EA	10" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	265.83	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1170	EA	10" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	277.69	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1171	EA	10" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	289.52	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1172	EA	10" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	303.83	10.71
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1173	EA	10" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	315.66	10.71
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1174	EA	10" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	327.52	10.71
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1175	EA	12" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	192.27	8.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1176	EA	12" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	206.51	8.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1177	EA	12" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	220.73	8.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1178	EA	12" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	234.97	8.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1179	EA	12" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	251.57	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1180	EA	12" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	265.84	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1181	EA	12" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	280.09	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1182	EA	12" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	294.30	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1183	EA	12" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	310.91	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1184	EA	12" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	325.13	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1185	EA	12" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	339.34	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1186	EA	12" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	355.97	10.71
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1187	EA	12" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	370.24	10.71
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1188	EA	12" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	384.46	10.71
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1189	EA	14" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	220.73	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1190	EA	14" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	237.36	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1191	EA	14" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	253.96	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1192	EA	14" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	270.55	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1193	EA	14" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	289.52	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1194	EA	14" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	306.15	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1195	EA	14" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	322.74	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1196	EA	14" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	339.34	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1197	EA	14" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	358.36	10.71
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1198	EA	14" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	374.95	10.71
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1199	EA	14" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	391.55	10.71
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1200	EA	14" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	410.55	11.30
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1201	EA	14" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	427.20	11.30
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1202	EA	14" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	443.80	11.30
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1203	EA	16" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	311.63	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1204	EA	16" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	336.53	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1205	EA	16" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	361.39	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1206	EA	16" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	386.26	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1207	EA	16" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	413.50	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1208	EA	16" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	438.36	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1209	EA	16" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	463.26	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1210	EA	16" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	488.12	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1211	EA	16" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	515.38	10.71
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1212	EA	16" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	540.24	10.71
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1213	EA	16" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	565.11	10.71
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1214	EA	16" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	592.35	11.30
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1215	EA	16" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	617.21	11.30
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1216	EA	16" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	642.08	11.30
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1217	EA	18" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	344.94	9.52
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1218	EA	18" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	372.87	9.52
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1219	EA	18" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	400.74	9.52
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1220	EA	18" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	428.66	9.52
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1221	EA	18" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	458.90	10.12
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1222	EA	18" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	486.80	10.12
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1223	EA	18" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	514.70	10.12
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1224	EA	18" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	542.59	10.12
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1225	EA	18" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	572.85	10.71
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1226	EA	18" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	600.78	10.71
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1227	EA	18" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	628.70	10.71
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1228	EA	18" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	658.94	11.30
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1229	EA	18" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	686.87	11.30
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1230	EA	18" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	714.73	11.30
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1231	EA	20" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	381.39	10.12
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1232	EA	20" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	412.44	10.12
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1233	EA	20" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	443.39	10.12
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1234	EA	20" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	474.44	10.12
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1235	EA	20" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	507.79	10.71
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1236	EA	20" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	538.77	10.71
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1237	EA	20" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	569.79	10.71
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1238	EA	20" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	600.78	10.71
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1239	EA	20" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	634.19	11.30
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1240	EA	20" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	665.15	11.30
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1241	EA	20" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	696.14	11.30
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1242	EA	20" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	729.53	11.90
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1243	EA	20" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	760.52	11.90
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1244	EA	20" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	791.53	11.90
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1245	EA	22" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	415.50	10.12
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1246	EA	22" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	449.63	10.12
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1247	EA	22" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	483.71	10.12
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1248	EA	22" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	517.79	10.12
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1249	EA	22" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	554.31	10.71
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1250	EA	22" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	588.39	10.71
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1251	EA	22" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	622.49	10.71
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1252	EA	22" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	656.57	10.71
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1253	EA	22" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	693.07	11.30
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1254	EA	22" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	727.15	11.30
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1255	EA	22" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	761.26	11.30
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1256	EA	22" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	797.71	11.90
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1257	EA	22" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	831.79	11.90
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1258	EA	22" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	865.93	11.90
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1259	EA	24" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	449.63	10.12
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1260	EA	24" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	486.80	10.12
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1261	EA	24" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	523.99	10.12
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1262	EA	24" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	561.19	10.12
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1263	EA	24" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	600.78	10.71
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1264	EA	24" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	637.97	10.71
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1265	EA	24" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	675.23	10.71
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1266	EA	24" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	712.36	10.71
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1267	EA	24" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	751.93	11.30
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1268	EA	24" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	789.15	11.30
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1269	EA	24" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	826.35	11.30
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1270	EA	24" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	865.93	11.90
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1271	EA	24" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	903.12	11.90
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1272	EA	24" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	940.32	11.90
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	

08 71 11 00-1273 Satin Nickel Finish, Stainless Kick Plate *(08 71 11 00-0891)*

08 71 11 00-1274	EA	8" x 22", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	142.40	8.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1275	EA	8" x 24", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	152.06	8.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1276	EA	8" x 26", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	161.80	8.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1277	EA	8" x 28", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	171.46	8.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1278	EA	8" x 30", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	183.59	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1279	EA	8" x 32", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	193.28	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1280	EA	8" x 34", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	202.99	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1281	EA	8" x 36", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	212.68	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1282	EA	8" x 38", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	224.70	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1283	EA	8" x 40", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	234.45	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1284	EA	8" x 42", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	244.13	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1285	EA	8" x 44", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	256.24	10.71
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1286	EA	8" x 46", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	265.92	10.71
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1287	EA	8" x 48", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	275.64	10.71
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1288	EA	10" x 22", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	169.05	8.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1289	EA	10" x 24", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	181.20	8.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1290	EA	10" x 26", 0.050" Thick, Satin Nickel Finish, StainlessKick Plate	193.29	8.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1291	EA	10" x 28", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	205.41	8.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1292	EA	10" x 30", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	219.93	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1293	EA	10" x 32", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	232.08	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1294	EA	10" x 34", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	244.17	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1295	EA	10" x 36", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	256.29	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1296	EA	10" x 38", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	270.81	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1297	EA	10" x 40", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	282.93	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1298	EA	10" x 42", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	295.02	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1299	EA	10" x 44", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	309.59	10.71
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1300	EA	10" x 46", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	321.68	10.71
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1301	EA	10" x 48", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	333.80	10.71
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1302	EA	12" x 22", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	195.73	8.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1303	EA	12" x 24", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	210.29	8.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1304	EA	12" x 26", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	224.81	8.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1305	EA	12" x 28", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	239.37	8.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1306	EA	12" x 30", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	256.29	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1307	EA	12" x 32", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	270.88	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1308	EA	12" x 34", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	285.43	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1309	EA	12" x 36", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	299.96	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1310	EA	12" x 38", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	316.89	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1311	EA	12" x 40", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	331.41	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1312	EA	12" x 42", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	345.94	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1313	EA	12" x 44", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	362.89	10.71
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1314	EA	12" x 46", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	377.48	10.71
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1315	EA	12" x 48", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	392.00	10.71
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1316	EA	14" x 22", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	224.77	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1317	EA	14" x 24", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	241.76	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1318	EA	14" x 26", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	258.72	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1319	EA	14" x 28", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	275.69	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1320	EA	14" x 30", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	295.02	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1321	EA	14" x 32", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	312.02	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1322	EA	14" x 34", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	328.98	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1323	EA	14" x 36", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	345.94	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1324	EA	14" x 38", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	365.33	10.71
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1325	EA	14" x 40", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	382.29	10.71
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1326	EA	14" x 42", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	399.25	10.71
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1327	EA	14" x 44", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	418.62	11.30
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1328	EA	14" x 46", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	435.64	11.30
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1329	EA	14" x 48", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	452.60	11.30
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1330	EA	16" x 22", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	317.68	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1331	EA	16" x 24", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	343.12	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1332	EA	16" x 26", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	368.54	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1333	EA	16" x 28", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	393.95	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1334	EA	16" x 30", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	421.74	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1335	EA	16" x 32", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	447.15	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1336	EA	16" x 34", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	472.60	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1337	EA	16" x 36", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	498.01	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1338	EA	16" x 38", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	525.82	10.71
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1339	EA	16" x 40", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	551.23	10.71
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1340	EA	16" x 42", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	576.65	10.71
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1341	EA	16" x 44", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	604.43	11.30
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1342	EA	16" x 46", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	629.85	11.30
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1343	EA	16" x 48", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	655.26	11.30
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1344	EA	18" x 22", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	351.72	9.52
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1345	EA	18" x 24", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	380.27	9.52
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1346	EA	18" x 26", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	408.75	9.52
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1347	EA	18" x 28", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	437.29	9.52
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1348	EA	18" x 30", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	468.14	10.12
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1349	EA	18" x 32", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	496.66	10.12
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1350	EA	18" x 34", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	525.17	10.12
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1351	EA	18" x 36", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	553.68	10.12
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1352	EA	18" x 38", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	584.56	10.71
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1353	EA	18" x 40", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	613.10	10.71
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1354	EA	18" x 42", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	641.64	10.71
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1355	EA	18" x 44", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	672.50	11.30
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1356	EA	18" x 46", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	701.04	11.30
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1357	EA	18" x 48", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	729.52	11.30
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1358	EA	20" x 22", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	388.92	10.12
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1359	EA	20" x 24", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	420.65	10.12
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1360	EA	20" x 26", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	452.29	10.12
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1361	EA	20" x 28", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	484.03	10.12
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1362	EA	20" x 30", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	518.06	10.71
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1363	EA	20" x 32", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	549.73	10.71
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1364	EA	20" x 34", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	581.43	10.71
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1365	EA	20" x 36", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	613.10	10.71
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1366	EA	20" x 38", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	647.20	11.30
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1367	EA	20" x 40", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	678.84	11.30
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1368	EA	20" x 42", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	710.51	11.30
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1369	EA	20" x 44", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	744.59	11.90
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1370	EA	20" x 46", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	776.27	11.90
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1371	EA	20" x 48", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	807.97	11.90
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1372	EA	22" x 22", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	423.78	10.12
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1373	EA	22" x 24", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	458.67	10.12
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1374	EA	22" x 26", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	493.50	10.12
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1375	EA	22" x 28", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	528.33	10.12
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1376	EA	22" x 30", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	565.61	10.71
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1377	EA	22" x 32", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	600.44	10.71
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1378	EA	22" x 34", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	635.30	10.71
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1379	EA	22" x 36", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	670.13	10.71
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1380	EA	22" x 38", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	707.39	11.30
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1381	EA	22" x 40", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	742.21	11.30
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1382	EA	22" x 42", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	777.07	11.30
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1383	EA	22" x 44", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	814.28	11.90
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1384	EA	22" x 46", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	849.11	11.90
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1385	EA	22" x 48", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	884.00	11.90
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1386	EA	24" x 22", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	458.67	10.12
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1387	EA	24" x 24", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	496.66	10.12
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1388	EA	24" x 26", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	534.68	10.12
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1389	EA	24" x 28", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	572.69	10.12
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1390	EA	24" x 30", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	613.10	10.71
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1391	EA	24" x 32", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	651.12	10.71
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1392	EA	24" x 34", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	689.19	10.71
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1393	EA	24" x 36", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	727.15	10.71
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1394	EA	24" x 38", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	767.54	11.30
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1395	EA	24" x 40", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	805.59	11.30
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1396	EA	24" x 42", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	843.60	11.30
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1397	EA	24" x 44", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	884.00	11.90
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1398	EA	24" x 46", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	922.02	11.90
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1399	EA	24" x 48", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	960.04	11.90
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	

08 71 11 00-1400 Stainless Base Material Kick Plate *(08 71 11 00-0762)*

08 71 11 00-1401 Satin Stainless Finish, Stainless Kick Plate *(08 71 11 00-1400)*

08 71 11 00-1402	EA	8" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	67.68	8.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1403	EA	8" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	70.62	8.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1404	EA	8" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	73.48	8.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1405	EA	8" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	76.46	8.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1406	EA	8" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	81.74	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1407	EA	8" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	84.60	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1408	EA	8" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	87.58	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1409	EA	8" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	90.46	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1410	EA	8" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	95.75	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1411	EA	8" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	98.67	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1412	EA	8" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	101.56	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1413	EA	8" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	106.87	10.71
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1414	EA	8" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	109.79	10.71
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1415	EA	8" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	112.68	10.71
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1416	EA	10" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	75.68	8.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1417	EA	10" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	79.35	8.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1418	EA	10" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	82.99	8.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1419	EA	10" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	86.60	8.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1420	EA	10" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	92.66	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1421	EA	10" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	96.30	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1422	EA	10" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	99.91	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1423	EA	10" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	103.52	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1424	EA	10" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	109.59	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1425	EA	10" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	113.21	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1426	EA	10" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	116.82	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1427	EA	10" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	122.88	10.71
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1428	EA	10" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	126.52	10.71
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1429	EA	10" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	130.13	10.71
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1430	EA	12" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	83.71	8.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1431	EA	12" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	88.07	8.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1432	EA	12" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	92.44	8.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1433	EA	12" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	96.80	8.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1434	EA	12" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	103.52	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1435	EA	12" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	107.92	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1436	EA	12" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	112.25	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1437	EA	12" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	116.64	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1438	EA	12" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	123.35	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1439	EA	12" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	127.74	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1440	EA	12" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	132.13	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1441	EA	12" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	138.85	10.71
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1442	EA	12" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	143.25	10.71
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1443	EA	12" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	147.58	10.71
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1444	EA	14" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	94.11	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1445	EA	14" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	99.19	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1446	EA	14" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	104.30	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1447	EA	14" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	109.39	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1448	EA	14" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	116.82	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1449	EA	14" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	121.93	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1450	EA	14" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	127.02	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1451	EA	14" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	132.13	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1452	EA	14" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	139.63	10.71
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1453	EA	14" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	144.66	10.71
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1454	EA	14" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	149.78	10.71
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1455	EA	14" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	157.26	11.30
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1456	EA	14" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	162.35	11.30
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1457	EA	14" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	167.46	11.30
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1458	EA	16" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	106.30	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1459	EA	16" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	112.80	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1460	EA	16" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	119.04	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1461	EA	16" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	125.25	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1462	EA	16" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	133.84	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1463	EA	16" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	140.08	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1464	EA	16" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	146.32	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1465	EA	16" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	152.53	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1466	EA	16" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	161.13	10.71
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1467	EA	16" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	167.40	10.71
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1468	EA	16" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	173.64	10.71
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1469	EA	16" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	182.75	11.30
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1470	EA	16" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	188.44	11.30
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1471	EA	16" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	194.68	11.30
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1472	EA	18" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	113.41	9.52
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1473	EA	18" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	120.28	9.52
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1474	EA	18" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	127.10	9.52
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1475	EA	18" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	133.95	9.52
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1476	EA	18" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	143.20	10.12
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1477	EA	18" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	150.02	10.12
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1478	EA	18" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	156.86	10.12
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1479	EA	18" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	163.68	10.12
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1480	EA	18" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	172.95	10.71
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1481	EA	18" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	179.80	10.71
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1482	EA	18" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	186.62	10.71
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1483	EA	18" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	195.86	11.30
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1484	EA	18" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	202.74	11.30
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1485	EA	18" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	209.56	11.30
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1486	EA	20" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	124.16	10.12
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1487	EA	20" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	131.75	10.12
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1488	EA	20" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	139.38	10.12
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1489	EA	20" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	146.95	10.12
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1490	EA	20" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	156.97	10.71
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1491	EA	20" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	164.60	10.71
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1492	EA	20" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	172.17	10.71
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1493	EA	20" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	179.80	10.71
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1494	EA	20" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	189.77	11.30
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1495	EA	20" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	197.39	11.30
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1496	EA	20" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	205.02	11.30
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1497	EA	20" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	214.97	11.90
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1498	EA	20" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	222.60	11.90
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1499	EA	20" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	230.20	11.90
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1500	EA	22" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	132.51	10.12
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1501	EA	22" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	140.91	10.12
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1502	EA	22" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	149.24	10.12
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1503	EA	22" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	157.64	10.12
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1504	EA	22" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	168.36	10.71
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1505	EA	22" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	176.76	10.71
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1506	EA	22" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	185.11	10.71
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1507	EA	22" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	193.49	10.71
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1508	EA	22" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	204.21	11.30
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1509	EA	22" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	212.59	11.30
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1510	EA	22" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	221.00	11.30
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1511	EA	22" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	231.70	11.90
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1512	EA	22" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	240.11	11.90
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1513	EA	22" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	248.43	11.90
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1514	EA	24" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	140.91	10.12
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1515	EA	24" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	150.02	10.12
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1516	EA	24" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	159.18	10.12
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1517	EA	24" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	168.28	10.12
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1518	EA	24" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	179.80	10.71
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1519	EA	24" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	188.93	10.71
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1520	EA	24" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	198.06	10.71
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1521	EA	24" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	207.19	10.71
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1522	EA	24" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	218.69	11.30
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1523	EA	24" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	227.82	11.30
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1524	EA	24" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	236.95	11.30
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1525	EA	24" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	248.43	11.90
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1526	EA	24" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	257.59	11.90
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1527	EA	24" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	266.75	11.90
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1528		**Bright Stainless Finish, Stainless Kick Plate** *(08 71 11 00-1400)*		
08 71 11 00-1529	EA	8" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	111.02	8.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1530	EA	8" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	117.90	8.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1531	EA	8" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	124.73	8.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1532	EA	8" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	131.58	8.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1533	EA	8" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	140.79	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1534	EA	8" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	147.67	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1535	EA	8" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	154.49	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1536	EA	8" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	161.37	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1537	EA	8" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	170.53	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1538	EA	8" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	177.41	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1539	EA	8" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	184.30	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1540	EA	8" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	193.51	10.71
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1541	EA	8" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	200.36	10.71
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1542	EA	8" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	207.18	10.71
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1543	EA	10" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	129.86	8.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1544	EA	10" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	138.40	8.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1545	EA	10" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	146.99	8.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1546	EA	10" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	155.56	8.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1547	EA	10" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	166.48	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1548	EA	10" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	175.04	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1549	EA	10" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	183.64	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1550	EA	10" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	192.20	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1551	EA	10" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	203.11	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1552	EA	10" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	211.67	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1553	EA	10" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	220.26	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1554	EA	10" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	231.16	10.71
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1555	EA	10" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	239.75	10.71
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1556	EA	10" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	248.32	10.71
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1557	EA	12" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	148.68	8.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1558	EA	12" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	158.98	8.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1559	EA	12" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	169.26	8.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1560	EA	12" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	179.54	8.93
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1561	EA	12" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	192.20	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1562	EA	12" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	202.42	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1563	EA	12" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	212.73	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1564	EA	12" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	223.00	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1565	EA	12" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	235.65	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1566	EA	12" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	245.93	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1567	EA	12" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	256.17	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1568	EA	12" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	268.87	10.71
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1569	EA	12" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	279.12	10.71
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1570	EA	12" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	289.39	10.71
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1571	EA	14" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	169.94	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1572	EA	14" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	181.93	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1573	EA	14" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	193.92	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1574	EA	14" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	205.90	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1575	EA	14" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	220.26	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1576	EA	14" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	232.22	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1577	EA	14" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	244.21	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1578	EA	14" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	256.17	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1579	EA	14" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	270.58	10.71
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1580	EA	14" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	282.57	10.71
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1581	EA	14" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	294.56	10.71
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1582	EA	14" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	308.92	11.30
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1583	EA	14" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	320.85	11.30
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1584	EA	14" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	332.84	11.30
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1585	EA	16" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	188.75	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1586	EA	16" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	202.42	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1587	EA	16" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	216.18	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1588	EA	16" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	229.85	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1589	EA	16" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	245.93	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1590	EA	16" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	259.63	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1591	EA	16" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	273.30	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1592	EA	16" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	287.00	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1593	EA	16" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	303.10	10.71
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1594	EA	16" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	316.77	10.71
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1595	EA	16" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	330.47	10.71
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1596	EA	16" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	346.54	11.30
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1597	EA	16" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	360.28	11.30
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1598	EA	16" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	373.98	11.30
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1599	EA	18" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	209.60	9.52
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1600	EA	18" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	225.25	9.52
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1601	EA	18" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	240.78	9.52
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1602	EA	18" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	256.43	9.52
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1603	EA	18" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	274.39	10.12
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1604	EA	18" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	289.93	10.12
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1605	EA	18" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	305.58	10.12
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1606	EA	18" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	330.03	10.12
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1607	EA	18" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	339.15	10.71
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1608	EA	18" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	354.75	10.71
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1609	EA	18" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	370.34	10.71
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1610	EA	18" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	388.30	11.30
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1611	EA	18" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	403.89	11.30
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1612	EA	18" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	419.49	11.30
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1613	EA	20" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	231.07	10.12
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1614	EA	20" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	248.38	10.12
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1615	EA	20" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	265.71	10.12
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1616	EA	20" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	283.02	10.12
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1617	EA	20" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	302.74	10.71
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1618	EA	20" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	320.11	10.71
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1619	EA	20" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	337.38	10.71
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1620	EA	20" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	354.75	10.71
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1621	EA	20" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	374.39	11.30
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1622	EA	20" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	391.76	11.30
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1623	EA	20" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	409.09	11.30
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1624	EA	20" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	428.78	11.90
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1625	EA	20" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	446.11	11.90
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1626	EA	20" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	463.42	11.90
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1627	EA	22" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	250.12	10.12
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1628	EA	22" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	269.17	10.12
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1629	EA	22" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	288.22	10.12
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1630	EA	22" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	307.26	10.12
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1631	EA	22" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	328.73	10.71
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1632	EA	22" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	347.81	10.71
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1633	EA	22" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	366.88	10.71
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1634	EA	22" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	385.93	10.71
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1635	EA	22" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	407.35	11.30
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1636	EA	22" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	426.40	11.30
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1637	EA	22" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	445.44	11.30
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1638	EA	22" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	466.87	11.90
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1639	EA	22" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	485.98	11.90
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1640	EA	22" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	505.03	11.90
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1641	EA	24" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	269.17	10.12
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1642	EA	24" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	289.93	10.12
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1643	EA	24" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	310.75	10.12
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1644	EA	24" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	331.54	10.12
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1645	EA	24" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	354.75	10.71
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1646	EA	24" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	375.51	10.71
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1647	EA	24" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	396.30	10.71
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1648	EA	24" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	417.12	10.71
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1649	EA	24" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	440.28	11.30
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1650	EA	24" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	461.04	11.30
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1651	EA	24" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	481.86	11.30
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1652	EA	24" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	505.03	11.90
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1653	EA	24" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	525.84	11.90
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1654	EA	24" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	546.60	11.90
		For Four Beveled Edges, Add	*6.30*	
		For UL Label (Fire Rated), Add	*11.40*	

08 71 11 00-1655 Plastic Kick Plate *(08 71 11 00-0762)*

08 71 11 00-1656 Clear Or Black Finish, Plastic Kick Plate *(08 71 11 00-1655)*

Note: With four beveled edges.

08 71 11 00-1657	EA	8" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	59.42	8.93
08 71 11 00-1658	EA	8" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	61.54	8.93
08 71 11 00-1659	EA	8" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	63.74	8.93
08 71 11 00-1660	EA	8" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	65.89	8.93
08 71 11 00-1661	EA	8" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	70.45	9.52
08 71 11 00-1662	EA	8" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	72.60	9.52
08 71 11 00-1663	EA	8" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	74.72	9.52
08 71 11 00-1664	EA	8" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	76.92	9.52
08 71 11 00-1665	EA	8" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	84.05	10.12
08 71 11 00-1666	EA	8" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	83.56	10.12
08 71 11 00-1667	EA	8" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	85.76	10.12
08 71 11 00-1668	EA	8" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	90.29	10.71
08 71 11 00-1669	EA	8" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	92.47	10.71

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1670	EA	8" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	94.62	10.71
08 71 11 00-1671	EA	10" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	65.34	8.93
08 71 11 00-1672	EA	10" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	68.06	8.93
08 71 11 00-1673	EA	10" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	70.73	8.93
08 71 11 00-1674	EA	10" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	73.40	8.93
08 71 11 00-1675	EA	10" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	78.52	9.52
08 71 11 00-1676	EA	10" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	81.19	9.52
08 71 11 00-1677	EA	10" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	83.91	9.52
08 71 11 00-1678	EA	10" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	86.58	9.52
08 71 11 00-1679	EA	10" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	91.68	10.12
08 71 11 00-1680	EA	10" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	94.35	10.12
08 71 11 00-1681	EA	10" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	97.07	10.12
08 71 11 00-1682	EA	10" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	102.13	10.71
08 71 11 00-1683	EA	10" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	104.86	10.71
08 71 11 00-1684	EA	10" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	107.53	10.71
08 71 11 00-1685	EA	12" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	71.28	8.93
08 71 11 00-1686	EA	12" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	74.53	8.93
08 71 11 00-1687	EA	12" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	77.72	8.93
08 71 11 00-1688	EA	12" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	81.00	8.93
08 71 11 00-1689	EA	12" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	86.58	9.52
08 71 11 00-1690	EA	12" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	89.86	9.52
08 71 11 00-1691	EA	12" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	93.10	9.52
08 71 11 00-1692	EA	12" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	96.32	9.52
08 71 11 00-1693	EA	12" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	101.89	10.12
08 71 11 00-1694	EA	12" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	105.14	10.12
08 71 11 00-1695	EA	12" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	108.41	10.12
08 71 11 00-1696	EA	12" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	114.00	10.71
08 71 11 00-1697	EA	12" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	117.27	10.71
08 71 11 00-1698	EA	12" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	120.46	10.71
08 71 11 00-1699	EA	14" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	79.59	9.52
08 71 11 00-1700	EA	14" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	83.39	9.52
08 71 11 00-1701	EA	14" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	87.13	9.52
08 71 11 00-1702	EA	14" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	90.93	9.52
08 71 11 00-1703	EA	14" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	97.07	10.12
08 71 11 00-1704	EA	14" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	100.82	10.12
08 71 11 00-1705	EA	14" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	104.61	10.12
08 71 11 00-1706	EA	14" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	108.41	10.12
08 71 11 00-1707	EA	14" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	114.55	10.71
08 71 11 00-1708	EA	14" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	118.34	10.71
08 71 11 00-1709	EA	14" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	122.11	10.71
08 71 11 00-1710	EA	14" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	128.23	11.30
08 71 11 00-1711	EA	14" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	132.03	11.30
08 71 11 00-1712	EA	14" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	135.77	11.30
08 71 11 00-1713	EA	16" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	92.63	9.52
08 71 11 00-1714	EA	16" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	97.61	9.52
08 71 11 00-1715	EA	16" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	102.51	9.52
08 71 11 00-1716	EA	16" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	107.48	9.52
08 71 11 00-1717	EA	16" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	114.83	10.12
08 71 11 00-1718	EA	16" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	119.78	10.12
08 71 11 00-1719	EA	16" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	124.75	10.12
08 71 11 00-1720	EA	16" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	129.68	10.12
08 71 11 00-1721	EA	16" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	137.04	10.71
08 71 11 00-1722	EA	16" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	141.99	10.71
08 71 11 00-1723	EA	16" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	146.97	10.71
08 71 11 00-1724	EA	16" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	154.31	11.30
08 71 11 00-1725	EA	16" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	159.21	11.30
08 71 11 00-1726	EA	16" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	164.19	11.30
08 71 11 00-1727	EA	18" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	99.41	9.52
08 71 11 00-1728	EA	18" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	105.02	9.52
08 71 11 00-1729	EA	18" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	110.57	9.52
08 71 11 00-1730	EA	18" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	116.18	9.52
08 71 11 00-1731	EA	18" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	247.92	10.12
08 71 11 00-1732	EA	18" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	129.68	10.12
08 71 11 00-1733	EA	18" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	135.28	10.12
08 71 11 00-1734	EA	18" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	140.83	10.12
08 71 11 00-1735	EA	18" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	148.83	10.71
08 71 11 00-1736	EA	18" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	154.41	10.71
08 71 11 00-1737	EA	18" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	159.96	10.71
08 71 11 00-1738	EA	18" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	167.93	11.30
08 71 11 00-1739	EA	18" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	173.48	11.30
08 71 11 00-1740	EA	18" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	179.09	11.30
08 71 11 00-1741	EA	20" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	108.62	10.12
08 71 11 00-1742	EA	20" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	114.83	10.12
08 71 11 00-1743	EA	20" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	121.01	10.12
08 71 11 00-1744	EA	20" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	127.21	10.12
08 71 11 00-1745	EA	20" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	135.81	10.71
08 71 11 00-1746	EA	20" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	141.99	10.71
08 71 11 00-1747	EA	20" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	148.20	10.71
08 71 11 00-1748	EA	20" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	154.41	10.71
08 71 11 00-1749	EA	20" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	162.96	11.30
08 71 11 00-1750	EA	20" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	169.16	11.30

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1751	EA	20" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	175.34	11.30
08 71 11 00-1752	EA	20" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	183.93	11.90
08 71 11 00-1753	EA	20" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	190.14	11.90
08 71 11 00-1754	EA	20" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	196.32	11.90
08 71 11 00-1755	EA	22" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	115.46	10.12
08 71 11 00-1756	EA	22" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	122.24	10.12
08 71 11 00-1757	EA	22" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	129.07	10.12
08 71 11 00-1758	EA	22" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	135.86	10.12
08 71 11 00-1759	EA	22" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	145.11	10.71
08 71 11 00-1760	EA	22" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	151.94	10.71
08 71 11 00-1761	EA	22" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	158.73	10.71
08 71 11 00-1762	EA	22" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	165.56	10.71
08 71 11 00-1763	EA	22" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	174.72	11.30
08 71 11 00-1764	EA	22" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	181.55	11.30
08 71 11 00-1765	EA	22" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	188.39	11.30
08 71 11 00-1766	EA	22" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	197.55	11.90
08 71 11 00-1767	EA	22" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	204.38	11.90
08 71 11 00-1768	EA	22" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	211.17	11.90
08 71 11 00-1769	EA	24" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	122.24	10.12
08 71 11 00-1770	EA	24" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	129.68	10.12
08 71 11 00-1771	EA	24" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	137.14	10.12
08 71 11 00-1772	EA	24" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	144.58	10.12
08 71 11 00-1773	EA	24" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	154.41	10.71
08 71 11 00-1774	EA	24" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	161.82	10.71
08 71 11 00-1775	EA	24" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	169.25	10.71
08 71 11 00-1776	EA	24" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	176.72	10.71
08 71 11 00-1777	EA	24" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	186.53	11.30
08 71 11 00-1778	EA	24" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	193.94	11.30
08 71 11 00-1779	EA	24" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	201.38	11.30
08 71 11 00-1780	EA	24" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	211.17	11.90
08 71 11 00-1781	EA	24" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	218.66	11.90
08 71 11 00-1782	EA	24" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	226.09	11.90

08 71 11 00-1783 Mop Plate *(08 71 11 00-0761)*

Note: Ives 8400.

08 71 11 00-1784 Aluminum Base Material Mop Plate *(08 71 11 00-1783)*

08 71 11 00-1785 Satin Aluminum Finish, Aluminum Mop Plate *(08 71 11 00-1784)*

08 71 11 00-1786	EA	4" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	51.35	8.69
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1787	EA	4" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	52.90	8.69
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1788	EA	4" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	54.38	8.69
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1789	EA	4" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	55.93	8.69
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1790	EA	4" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	58.90	9.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1791	EA	4" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	60.39	9.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1792	EA	4" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	61.94	9.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1793	EA	4" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	63.42	9.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1794	EA	4" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	67.00	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1795	EA	4" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	68.51	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1796	EA	4" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	70.03	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1797	EA	4" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	73.92	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1798	EA	4" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	75.46	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1799	EA	4" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	76.95	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1800	EA	6" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	59.72	8.69
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1801	EA	6" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	61.99	8.69
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1802	EA	6" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	64.30	8.69
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1803	EA	6" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	66.57	8.69
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1804	EA	6" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	70.30	9.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1805	EA	6" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	72.55	9.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1806	EA	6" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	74.88	9.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1807	EA	6" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	77.12	9.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1808	EA	6" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	81.46	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1809	EA	6" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	83.73	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1810	EA	6" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	86.03	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1811	EA	6" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	90.68	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1812	EA	6" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	92.98	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1813	EA	6" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	95.22	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

08 71 11 00-1814 Brass Base Material Mop Plate *(08 71 11 00-1783)*

08 71 11 00-1815 Bright/Satin Brass Finish, Brass Mop Plate *(08 71 11 00-1814)*

08 71 11 00-1816	EA	4" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	83.79	8.69
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1817	EA	4" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	88.30	8.69
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1818	EA	4" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	92.76	8.69
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1819	EA	4" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	97.25	8.69
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1820	EA	4" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	103.14	9.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1821	EA	4" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	107.60	9.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1822	EA	4" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	112.09	9.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1823	EA	4" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	116.55	9.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1824	EA	4" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	123.07	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1825	EA	4" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	127.53	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1826	EA	4" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	131.98	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1827	EA	4" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	138.84	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1828	EA	4" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	143.30	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1829	EA	4" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	147.82	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1830	EA	6" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	108.43	8.69
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1831	EA	6" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	115.12	8.69
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1832	EA	6" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	121.84	8.69
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1833	EA	6" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	128.52	8.69
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1834	EA	6" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	136.67	9.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1835	EA	6" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	143.42	9.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1836	EA	6" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	150.08	9.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1837	EA	6" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	156.83	9.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1838	EA	6" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	165.52	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1839	EA	6" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	172.26	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1840	EA	6" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	178.98	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1841	EA	6" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	188.04	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1842	EA	6" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	194.76	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1843	EA	6" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate	201.45	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

08 71 11 00-1844 Bright/Satin Chrome Finish, Stainless Mop Plate *(08 71 11 00-1814)*

08 71 11 00-1845	EA	4" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	88.70	8.69
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1846	EA	4" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	93.60	8.69
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1847	EA	4" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	98.52	8.69
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1848	EA	4" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	103.44	8.69
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1849	EA	4" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	109.76	9.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1850	EA	4" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	114.69	9.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1851	EA	4" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	119.61	9.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1852	EA	4" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	124.50	9.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1853	EA	4" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	131.45	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1854	EA	4" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	136.41	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1855	EA	4" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	141.33	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1856	EA	4" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	148.62	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1857	EA	4" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	153.51	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1858	EA	4" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	158.43	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1859	EA	6" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	115.73	8.69
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1860	EA	6" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	123.07	8.69
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1861	EA	6" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	130.47	8.69
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1862	EA	6" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	137.87	8.69
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1863	EA	6" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	146.64	9.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1864	EA	6" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	154.03	9.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1865	EA	6" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	161.37	9.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1866	EA	6" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	168.77	9.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1867	EA	6" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	178.20	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1868	EA	6" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	185.54	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1869	EA	6" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	192.94	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1870	EA	6" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	202.65	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1871	EA	6" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	210.04	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1872	EA	6" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate	217.41	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

08 71 11 00-1873 Satin/Dark Bronze Finish, Brass Mop Plate *(08 71 11 00-1814)*

08 71 11 00-1874	EA	4" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	89.60	8.69
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1875	EA	4" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	94.59	8.69
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1876	EA	4" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	99.60	8.69
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1877	EA	4" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	104.58	8.69
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1878	EA	4" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	111.02	9.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1879	EA	4" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	116.03	9.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1880	EA	4" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	121.05	9.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1881	EA	4" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	126.06	9.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1882	EA	4" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	133.04	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1883	EA	4" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	138.05	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1884	EA	4" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	143.07	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1885	EA	4" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	150.45	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1886	EA	4" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	155.46	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1887	EA	4" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	160.41	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1888	EA	6" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	117.08	8.69
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1889	EA	6" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	124.63	8.69
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1890	EA	6" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	132.12	8.69
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1891	EA	6" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	154.20	8.69
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1892	EA	6" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	148.52	9.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1893	EA	6" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	156.01	9.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1894	EA	6" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	163.50	9.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1895	EA	6" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	170.99	9.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1896	EA	6" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	180.57	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1897	EA	6" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	188.05	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1898	EA	6" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	195.54	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1899	EA	6" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	205.40	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1900	EA	6" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	212.89	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1901	EA	6" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	220.38	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

08 71 11 00-1902 Satin Nickel Finish, Stainless Mop Plate *(08 71 11 00-1814)*

08 71 11 00-1903	EA	4" x 22", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	90.56	8.69
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1904	EA	4" x 24", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	95.59	8.69
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1905	EA	4" x 26", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	100.71	8.69
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1906	EA	4" x 28", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	105.80	8.69
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1907	EA	4" x 30", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	112.32	9.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1908	EA	4" x 32", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	117.38	9.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1909	EA	4" x 34", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	122.47	9.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1910	EA	4" x 36", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	127.56	9.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1911	EA	4" x 38", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	134.72	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1912	EA	4" x 40", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	139.78	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1913	EA	4" x 42", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	144.84	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1914	EA	4" x 44", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	152.33	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1915	EA	4" x 46", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	157.42	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1916	EA	4" x 48", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	162.45	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1917	EA	6" x 22", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	118.51	8.69
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1918	EA	6" x 24", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	126.13	8.69
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1919	EA	6" x 26", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	133.76	8.69
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1920	EA	6" x 28", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	141.38	8.69
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1921	EA	6" x 30", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	150.43	9.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1922	EA	6" x 32", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	158.05	9.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1923	EA	6" x 34", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	165.67	9.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1924	EA	6" x 36", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	173.32	9.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1925	EA	6" x 38", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	182.97	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1926	EA	6" x 40", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	190.62	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1927	EA	6" x 42", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	198.25	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1928	EA	6" x 44", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	208.24	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1929	EA	6" x 46", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	215.86	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1930	EA	6" x 48", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	223.51	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

08 71 11 00-1931 Stainless Base Material Mop Plate *(08 71 11 00-1783)*

08 71 11 00-1932 Satin Stainless Finish, Stainless Mop Plate *(08 71 11 00-1931)*

08 71 11 00-1933	EA	4" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	52.80	8.69
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1934	EA	4" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	54.41	8.69
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1935	EA	4" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	56.08	8.69
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1936	EA	4" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	57.71	8.69
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1937	EA	4" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	60.81	9.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1938	EA	4" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	62.48	9.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1939	EA	4" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	64.08	9.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1940	EA	4" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	65.75	9.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1941	EA	4" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	69.42	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1942	EA	4" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	71.08	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1943	EA	4" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	72.75	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1944	EA	4" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	76.73	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1945	EA	4" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	78.40	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1946	EA	4" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	80.03	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1947	EA	6" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	61.82	8.69
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1948	EA	6" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	64.32	8.69
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1949	EA	6" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	66.79	8.69
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1950	EA	6" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	69.29	8.69
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1951	EA	6" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	73.16	9.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1952	EA	6" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	75.63	9.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1953	EA	6" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	78.13	9.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1954	EA	6" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	80.60	9.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1955	EA	6" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	85.13	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1956	EA	6" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	87.57	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1957	EA	6" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	90.04	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1958	EA	6" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	94.91	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1959	EA	6" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	97.35	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1960	EA	6" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	99.85	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

08 71 11 00-1961 Bright Stainless Finish, Stainless Mop Plate *(08 71 11 00-1931)*

08 71 11 00-1962	EA	4" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	74.50	8.69
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1963	EA	4" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	78.14	8.69
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1964	EA	4" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	81.79	8.69
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1965	EA	4" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	85.38	8.69
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1966	EA	4" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	90.45	9.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1967	EA	4" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	94.07	9.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1968	EA	4" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	97.72	9.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1969	EA	4" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	101.36	9.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1970	EA	4" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	106.98	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1971	EA	4" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	110.63	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1972	EA	4" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	114.27	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1973	EA	4" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	120.26	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1974	EA	4" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	123.91	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1975	EA	4" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	127.49	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1976	EA	6" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	94.43	8.69
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1977	EA	6" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	99.93	8.69
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1978	EA	6" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	105.37	8.69
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1979	EA	6" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	110.81	8.69
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1980	EA	6" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	117.65	9.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1981	EA	6" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	123.09	9.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1982	EA	6" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	128.53	9.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1983	EA	6" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	133.98	9.04
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1984	EA	6" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	141.48	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1985	EA	6" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	146.92	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1986	EA	6" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	152.36	9.52
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1987	EA	6" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	160.17	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1988	EA	6" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	165.58	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	
08 71 11 00-1989	EA	6" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	171.02	10.12
		For Four Beveled Edges, Add	*1.76*	
		For UL Label (Fire Rated), Add	*11.40*	

08 71 11 00-1990 Plastic Mop Plate *(08 71 11 00-1783)*

08 71 11 00-1991 Clear Or Black Finish, Plastic Mop Plate *(08 71 11 00-1990)*

Note: With four beveled edges.

08 71 11 00-1992	EA	4" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	48.90	8.69
08 71 11 00-1993	EA	4" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	50.20	8.69
08 71 11 00-1994	EA	4" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	51.52	8.69
08 71 11 00-1995	EA	4" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	52.81	8.69
08 71 11 00-1996	EA	4" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	55.54	9.04
08 71 11 00-1997	EA	4" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	56.83	9.04

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1998	EA	4" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	58.12	9.04
08 71 11 00-1999	EA	4" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	59.44	9.04
08 71 11 00-2000	EA	4" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	62.77	9.52
08 71 11 00-2001	EA	4" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	64.06	9.52
08 71 11 00-2002	EA	4" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	65.35	9.52
08 71 11 00-2003	EA	4" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	69.02	10.12
08 71 11 00-2004	EA	4" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	70.34	10.12
08 71 11 00-2005	EA	4" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	71.63	10.12
08 71 11 00-2006	EA	6" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	56.05	8.69
08 71 11 00-2007	EA	6" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	58.01	8.69
08 71 11 00-2008	EA	6" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	59.95	8.69
08 71 11 00-2009	EA	6" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	61.89	8.69
08 71 11 00-2010	EA	6" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	65.29	9.04
08 71 11 00-2011	EA	6" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	67.23	9.04
08 71 11 00-2012	EA	6" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	69.17	9.04
08 71 11 00-2013	EA	6" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	71.11	9.04
08 71 11 00-2014	EA	6" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	75.11	9.52
08 71 11 00-2015	EA	6" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	77.05	9.52
08 71 11 00-2016	EA	6" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	78.99	9.52
08 71 11 00-2017	EA	6" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	83.33	10.12
08 71 11 00-2018	EA	6" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	85.27	10.12
08 71 11 00-2019	EA	6" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate Note: 4 sides beveled.	87.21	10.12
08 71 11 00-2020		**Armor Door Plate** *(08 71 11 00-0761)* Note: Size ranges of 26" to 48" high, 22" to 48" wide. Ives 8400.		
08 71 11 00-2021	SF	4 to 8 SF, 0.050" Thick, Satin Aluminum Finish, Aluminum Door Armor Plate	30.32	1.49
08 71 11 00-2022	SF	>8 to 16 SF, 0.050" Thick, Satin Aluminum Finish, Aluminum Door Armor Plate	29.01	1.16
08 71 11 00-2023	SF	4 to 8 SF, 0.050" Thick, Satin Stainless Finish, Stainless Door Armor Plate	33.34	1.49
08 71 11 00-2024	SF	>8 to 16 SF, 0.050" Thick, Satin Stainless Finish, Stainless Door Armor Plate	32.03	1.16
08 71 11 00-2025	SF	4 to 8 SF, 0.050" Thick, Bright Stainless Finish, Stainless Door Armor Plate	68.33	1.49
08 71 11 00-2026	SF	>8 to 16 SF, 0.050" Thick, Bright Stainless Finish, Stainless Door Armor Plate	67.02	1.16
08 71 11 00-2027		**Pull Handle And Plates** *(08 71 11 00-0761)*		
08 71 11 00-2028		**Pull Handle** *(08 71 11 00-2027)*		
08 71 11 00-2029	EA	3/4" Diameter, 6" Center to Center, Aluminum Door Pulls (Ives 8102HD-6)	63.83	9.81
		For Stainless Steel, Add	*10.32*	
		For Brass, Add	*14.00*	
08 71 11 00-2030	EA	3/4" Diameter, 8" Center to Center, Aluminum Door Pulls (Ives 8102HD-8)	67.02	9.81
		For Stainless Steel, Add	*11.66*	
		For Brass, Add	*15.82*	
08 71 11 00-2031	EA	3/4" Diameter, 10" Center to Center, Aluminum Door Pulls (Ives 8102HD-10)	72.05	9.81
		For Stainless Steel, Add	*13.77*	
		For Brass, Add	*18.69*	
08 71 11 00-2032	EA	1" Diameter, 8" Center to Center, Aluminum Door Pulls (Ives 8103HD-8)	74.84	9.81
		For Stainless Steel, Add	*14.94*	
		For Brass, Add	*20.28*	
08 71 11 00-2033	EA	1" Diameter, 10" Center to Center, Aluminum Door Pulls (Ives 8103HD-10)	79.89	9.81
		For Stainless Steel, Add	*17.06*	
		For Brass, Add	*23.16*	
08 71 11 00-2034	EA	1" Diameter, 12" Center to Center, Aluminum Door Pulls (Ives 8103HD-12)	86.41	9.81
		For Stainless Steel, Add	*19.80*	
		For Brass, Add	*26.88*	
08 71 11 00-2035	EA	1" Flattened x 1/2" Round, 6" Center To Center, Aluminum Door Pulls (Ives 8105-6)	67.26	9.81
		For Stainless Steel, Add	*11.76*	
		For Brass, Add	*15.96*	
08 71 11 00-2036	EA	1" Flattened x 1/2" Round, 8" Center To Center, Aluminum Door Pulls (Ives 8105-8)	74.22	9.81
		For Stainless Steel, Add	*14.68*	
		For Brass, Add	*19.93*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2037	EA	1" Flattened x 1/2" Round, 10" Center To Center, Aluminum Door Pulls (Ives 8105-10)	75.36	9.81
		For Stainless Steel, Add	*15.16*	
		For Brass, Add	*20.58*	
08 71 11 00-2038	EA	1" Diameter, 8" Center to Center, Satin Stainless Steel Offset Door Pulls (Ives 8190HD-8)	145.64	9.81
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*20.11*	
		For Brass, Add	*18.51*	
08 71 11 00-2039	EA	1" Diameter, 10" Center to Center, Satin Stainless Steel Offset Door Pulls (Ives 8190HD-0)	149.94	9.81
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*20.92*	
		For Brass, Add	*19.26*	
08 71 11 00-2040	EA	1" Diameter, 12" Center to Center, Satin Stainless Steel Offset Door Pulls (Ives 8190HD-2)	158.59	9.81
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*22.55*	
		For Brass, Add	*20.76*	
08 71 11 00-2041	EA	1" Diameter, 18" Center to Center, Satin Stainless Steel Offset Door Pulls (Ives 8190HD-18)	208.71	9.81
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*32.03*	
		For Brass, Add	*29.48*	
08 71 11 00-2042		**Pull Plate** *(08 71 11 00-2027)*		
08 71 11 00-2043	EA	3-1/2" x 15" Aluminum Pull Plate Door Hardware (Ives 8302)	99.78	7.44
		For Stainless Steel, Add	*41.32*	
		For Brass, Add	*52.53*	
08 71 11 00-2044	EA	4" x 16" Aluminum Pull Plate Door Hardware (Ives 8302)	102.22	7.44
		For Stainless Steel, Add	*42.76*	
		For Brass, Add	*54.36*	
08 71 11 00-2045	EA	6" x 16" Aluminum Pull Plate Door Hardware (Ives 8302)	107.77	7.44
		For Stainless Steel, Add	*46.04*	
		For Brass, Add	*58.52*	
08 71 11 00-2046		**Push Bars And Plates** *(08 71 11 00-0761)*		
08 71 11 00-2047		**Push Bars** *(08 71 11 00-2046)*		
08 71 11 00-2048	EA	3/8" x 2-1/2" Bronze Push Bar, Rectangular, With Base Plate Note: Up to 34" wide. All finishes.	271.37	7.44
08 71 11 00-2049	EA	3/4" Diameter Stainless Steel Push Bar, Up To 34" Wide	266.92	7.44
		For Brass Push Bar, Add	*41.27*	
08 71 11 00-2050	EA	1" Diameter Stainless Steel Push Bar, Up To 34" Wide	276.87	7.44
		For Brass Push Bar, Add	*43.00*	
08 71 11 00-2051	EA	1-1/4" Diameter Stainless Steel Push Bar, Up To 34" Wide	524.00	7.44
		For Brass Push Bar, Add	*86.00*	
08 71 11 00-2052		**Push Plates** *(08 71 11 00-2046)*		
08 71 11 00-2053		**Aluminum Push Plates** *(08 71 11 00-2052)*		
08 71 11 00-2054		**Clear Anodized Finish, Aluminum Push Plates** *(08 71 11 00-2053)* Note: Ives 8200 Series.		
08 71 11 00-2055	EA	3" x 12", Clear Anodized Finish, Aluminum Push Plate Door Hardware	47.34	7.44
08 71 11 00-2056	EA	4" x 16", Clear Anodized Finish, Aluminum Push Plate Door Hardware	47.34	7.44
08 71 11 00-2057	EA	6" x 16", Clear Anodized Finish, Aluminum Push Plate Door Hardware	47.34	7.44
08 71 11 00-2058	EA	8" x 16", Clear Anodized Finish, Aluminum Push Plate Door Hardware	51.79	7.44
08 71 11 00-2059		**Stainless Steel Push Plates** *(08 71 11 00-2052)*		
08 71 11 00-2060		**Satin Finish, Stainless Steel Push Plates** *(08 71 11 00-2059)* Note: Ives 8200 Series.		
08 71 11 00-2061	EA	3" x 12", Satin Finish, Stainless Steel Push Plate Door Hardware	47.34	7.44
08 71 11 00-2062	EA	4" x 16", Satin Finish, Stainless Steel Push Plate Door Hardware	50.76	7.44
08 71 11 00-2063	EA	6" x 16", Satin Finish, Stainless Steel Push Plate Door Hardware	58.58	7.44
08 71 11 00-2064	EA	8" x 16", Satin Finish, Stainless Steel Push Plate Door Hardware	70.15	7.44
08 71 11 00-2065		**Brass Push Plates** *(08 71 11 00-2052)*		
08 71 11 00-2066		**Bright/Satin Brass Finish, Brass Push Plates** *(08 71 11 00-2065)* Note: Ives 8200 Series.		
08 71 11 00-2067	EA	3" x 12", Bright/Satin Brass Finish, Brass Push Plate Door Hardware	57.79	7.44
08 71 11 00-2068	EA	4" x 16", Bright/Satin Brass Finish, Brass Push Plate Door Hardware	66.58	7.44
08 71 11 00-2069	EA	6" x 16", Bright/Satin Brass Finish, Brass Push Plate Door Hardware	87.75	7.44
08 71 11 00-2070	EA	8" x 16", Bright/Satin Brass Finish, Brass Push Plate Door Hardware	101.65	7.44
08 71 11 00-2071		**Bright/Satin Chrome Finish, Brass Push Plates** *(08 71 11 00-2065)* Note: Ives 8200 Series.		
08 71 11 00-2072	EA	3" x 12", Bright/Satin Chrome Finish, Brass Push Plate Door Hardware	64.82	7.44
08 71 11 00-2073	EA	4" x 16", Bright/Satin Chrome Finish, Brass Push Plate Door Hardware	71.96	7.44
08 71 11 00-2074	EA	6" x 16", Bright/Satin Chrome Finish, Brass Push Plate Door Hardware	91.35	7.44
08 71 11 00-2075	EA	8" x 16", Bright/Satin Chrome Finish, Brass Push Plate Door Hardware	110.47	7.44
08 71 11 00-2076		**Satin/Dark Bronze Finish, Brass Push Plates** *(08 71 11 00-2065)* Note: Ives 8200 Series.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2077	EA	3" x 12", Satin/Dark Bronze Finish, Brass Push Plate Door Hardware	64.82	7.44
08 71 11 00-2078	EA	4" x 16", Satin/Dark Bronze Finish, Brass Push Plate Door Hardware	71.96	7.44
08 71 11 00-2079	EA	6" x 16", Satin/Dark Bronze Finish, Brass Push Plate Door Hardware	94.77	7.44
08 71 11 00-2080	EA	8" x 16", Satin/Dark Bronze Finish, Brass Push Plate Door Hardware	112.37	7.44
08 71 11 00-2081		Satin Nickel Finish, Brass Push Plates *(08 71 11 00-2065)*		
		Note: Ives 8200 Series.		
08 71 11 00-2082	EA	3" x 12", Satin Nickel Finish, Brass Push Plate Door Hardware	64.82	7.44
08 71 11 00-2083	EA	4" x 16", Satin Nickel Finish, Brass Push Plate Door Hardware	73.75	7.44
08 71 11 00-2084	EA	6" x 16", Satin Nickel Finish, Brass Push Plate Door Hardware	100.19	7.44
08 71 11 00-2085	EA	8" x 16", Satin Nickel Finish, Brass Push Plate Door Hardware	117.79	7.44
08 71 11 00-2086		Exit Devices *(08 71 11)*		
08 71 11 00-2087		Push Bar Exit Device, Von Duprin Series 22 *(08 71 11 00-2086)*		
		Note: Grade 1, BHMA 156.3.		
08 71 11 00-2088	EA	3' Push Bar, Rim Type, Exit Device (Von Duprin Series 22)	791.04	133.84
		Note: Anodized finish: aluminum or dark brown.		
		For 4' Push Bar, Add	*13.87*	
08 71 11 00-2089	EA	3' Push Bar, Fire Rated, Rim Type, Exit Device (Von Duprin Series 22-F)	876.93	133.84
		Note: Anodized finish: aluminum or dark brown.		
		For 4' Push Bar, Add	*13.87*	
08 71 11 00-2090	EA	3' Push Bar, Surface Vertical Rods, Exit Device (Von Duprin Series 2227)	1,140.47	160.62
		Note: Anodized finish: aluminum or dark brown.		
		For 4' Push Bar, Add	*13.87*	
08 71 11 00-2091	EA	3' Push Bar, Fire Rated, Surface Vertical Rods, Exit Device (Von Duprin Series 2227-F)	1,354.41	148.72
		Note: Anodized finish: aluminum or dark brown.		
		For 4' Push Bar, Add	*13.87*	
08 71 11 00-2092	EA	Dummy Trim (Von Duprin Series 22, 210DT)	108.02	22.30
		Note: Anodized finish: aluminum or dark brown.		
08 71 11 00-2093	EA	Night Latch Trim With Cylinder (Von Duprin Series 22, 210NL)	229.35	29.74
		Note: Anodized finish: aluminum or dark brown.		
08 71 11 00-2094	EA	Knob Trim With Cylinder (Von Duprin Series 22, 210K)	427.47	44.62
		Note: Anodized finish: aluminum or dark brown.		
08 71 11 00-2095	EA	Lever Trim With Cylinder (Von Duprin Series 22, 230L)	423.51	44.62
		Note: Anodized finish: aluminum or dark brown.		
08 71 11 00-2096	EA	Thumbpiece Trim With Cylinder (Von Duprin Series 22, 230TP)	422.52	44.62
		Note: Anodized finish: aluminum or dark brown.		
08 71 11 00-2097	EA	Blank Escutcheon Knob (Von Duprin Series 22, 210K-BE)	337.87	44.62
		Note: Anodized finish: aluminum or dark brown.		
08 71 11 00-2098	EA	Exit Only Trim Plate (Von Duprin Series 22, 230EO)	136.73	17.85
		Note: Anodized finish: aluminum or dark brown.		
08 71 11 00-2099	EA	Dummy Trim (Von Duprin Series 22, 230DT)	158.52	22.30
		Note: Anodized finish: aluminum or dark brown.		
08 71 11 00-2100	EA	Night Latch Trim With Cylinder (Von Duprin Series 22, 230NL)	281.84	29.74
		Note: Anodized finish: aluminum or dark brown.		
08 71 11 00-2101	EA	Blank Escutcheon Lever (Von Duprin Series 22, 230L-BE)	333.91	44.62
		Note: Anodized finish: aluminum or dark brown.		
08 71 11 00-2102	EA	Blank Escutcheon Thumbpiece (Von Duprin Series 22, 230TP-BE)	332.92	44.62
		Note: Anodized finish: aluminum or dark brown.		
08 71 11 00-2103		Push Bar Exit Device, Narrow Stile, Von Duprin Series 33/35 *(08 71 11 00-2086)*		
		Note: Grade 1, BHMA 156.3. Series 33 has a ribbed case, Series 35 has a smooth case.		
08 71 11 00-2104	EA	3' Push Bar, Rim Type, Narrow Stile Exit Device (Von Duprin Series 33/35)	1,611.16	133.84
		Note: Aluminum anodized finish.		
		For 4' Push Bar, Add	*13.87*	
		For Accessible Device (AX), Add	*125.42*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*128.43*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*121.03*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*47.66*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*366.23*	
08 71 11 00-2105	EA	3' Push Bar, Surface Vertical Rods, Narrow Stile Exit Device (Von Duprin Series 3327/3527)	2,192.10	160.62
		Note: Aluminum anodized finish.		
		For 4' Push Bar, Add	*13.87*	
		For Accessible Device (AX), Add	*176.38*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*180.61*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*170.20*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*67.02*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*515.02*	
08 71 11 00-2106	EA	3' Push Bar, Fire Rated, Surface Vertical Rods, Narrow Stile Exit Device (Von Duprin Series 3327-F/3527-F)	2,234.83	160.62
		Note: Aluminum anodized finish.		
		For 4' Push Bar, Add	*13.87*	
		For Accessible Device (AX), Add	*180.65*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*184.99*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*174.33*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*68.65*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*527.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2107	EA	3' Push Bar, Concealed Vertical Rods, Narrow Stile Exit Device (Von Duprin Series 3347/3547) Note: Aluminum anodized finish.	2,273.27	184.41
		For 4' Push Bar, Add	*13.87*	
		For Accessible Device (AX), Add	*177.95*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*182.22*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*171.72*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*67.62*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*519.62*	
08 71 11 00-2108	EA	3' Push Bar, Fire Rated, Concealed Vertical Rods, Narrow Stile Exit Device (Von Duprin Series 3347-F/3547-F) Note: Aluminum anodized finish.	2,383.51	184.41
		For 4' Push Bar, Add	*13.87*	
		For Accessible Device (AX), Add	*188.98*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*193.51*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*182.36*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*71.81*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*551.81*	
08 71 11 00-2109	EA	3' Push Bar, Concealed Vertical Rods, Narrow Stile Exit Device (Von Duprin Series 3348/3548) Note: Aluminum anodized finish.	2,537.61	184.41
		For 4' Push Bar, Add	*13.87*	
		For Accessible Device (AX), Add	*204.39*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*209.29*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*197.23*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*77.67*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*596.81*	
08 71 11 00-2110	EA	3' Push Bar, Fire Rated, Concealed Vertical Rods, Narrow Stile Exit Device (Von Duprin Series 3348-F/3548-F) Note: Aluminum anodized finish.	2,647.85	184.41
		For 4' Push Bar, Add	*13.87*	
		For Accessible Device (AX), Add	*215.41*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*220.58*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*207.87*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*81.86*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*629.00*	
08 71 11 00-2111	EA	Dummy Trim (Von Duprin Series 33/35, DT) Note: Anodized finish: aluminum or dark brown.	360.93	22.30
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*29.09*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*11.46*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*88.02*	
08 71 11 00-2112	EA	Night Latch With Cylinder, Less Pull (Von Duprin Series 33/35, NL-OP) Note: Anodized finish: aluminum or dark brown.	413.78	29.74
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*31.89*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*12.56*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*96.50*	
08 71 11 00-2113	EA	Night Latch With Cylinder (Von Duprin Series 33/35, NL) Note: Anodized finish: aluminum or dark brown.	664.01	29.74
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*56.04*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*22.07*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*169.57*	
08 71 11 00-2114	EA	Lever Trim With Cylinder (Von Duprin Series 33/35, 360L) Note: Anodized finish: aluminum or dark brown.	678.94	44.62
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*54.04*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*21.28*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*163.51*	
08 71 11 00-2115	EA	Blank Escutcheon Lever With Cylinder (Von Duprin Series 33/35, 360L-BE) Note: Anodized finish: aluminum or dark brown.	802.50	44.62
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*65.96*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*25.97*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*199.59*	
08 71 11 00-2116	EA	Lever Dummy Trim With Cylinder (Von Duprin Series 33/35, 360L-DT) Note: Anodized finish: aluminum or dark brown.	786.92	44.62
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*64.46*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*25.38*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*195.04*	
08 71 11 00-2117	EA	Thumbturn Trim With Cylinder (Von Duprin Series 33/35, 360T) Note: Anodized finish: aluminum or dark brown.	794.20	44.62
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*65.16*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*25.66*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*197.16*	

08 71 11 00-2118 Push Bar Exit Device, Von Duprin Series 98/99 *(08 71 11 00-2086)*
Note: Grade 1, BHMA 156.3. Series 98 has a smooth case, Series 99 has a grooved case.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2119	EA	3' Push Bar, Rim Type, Exit Device (Von Duprin Series 98/99) Note: Clear anodized satin aluminum US28 (BHMA 628) finish.	1,552.51	133.84
		For 4' Push Bar, Add	*13.00*	
		For Accessible Device (AX), Add	*119.56*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*72.93*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*115.97*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*185.31*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*379.00*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*119.56*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*175.75*	
		For Standard Baseplate Cylinder Dogging (CD), Add	*62.65*	
		For Special Center Case Dogging (SD), Add	*262.29*	
		For Cylinder Dogging Indicator (CI), Add	*174.58*	
		For Dogging Indicator (DI), Add	*160.38*	
		For Quiet Electric Latch Retraction (QEL), Add	*833.54*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*81.03*	
		For Safety Glow Touchpad, Add	*292.35*	
08 71 11 00-2120	EA	3' Push Bar, Fire Rated, Rim Type, Exit Device (Von Duprin Series 98-F/99-F) Note: Clear anodized satin aluminum US28 (BHMA 628) finish.	1,761.64	133.84
		For 4' Push Bar, Add	*13.00*	
		For Accessible Device (AX), Add	*140.47*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*85.69*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*136.26*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*217.73*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*445.29*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*140.47*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*206.49*	
		For Quiet Electric Latch Retraction (QEL), Add	*833.54*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*81.03*	
		For Safety Glow Touchpad, Add	*292.35*	
08 71 11 00-2121	EA	3' Push Bar, Rim Type, Exit Device (Von Duprin Series XP98/XP99) Note: Clear anodized satin aluminum US28 (BHMA 628) finish.	1,406.83	133.84
		For 4' Push Bar, Add	*13.00*	
		For Accessible Device (AX), Add	*104.99*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*64.04*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*101.84*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*162.73*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*332.82*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*104.99*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*154.33*	
		For Standard Baseplate Cylinder Dogging (CD), Add	*62.65*	
		For Special Center Case Dogging (SD), Add	*262.29*	
		For Cylinder Dogging Indicator (CI), Add	*174.58*	
		For Dogging Indicator (DI), Add	*160.38*	
		For Quiet Electric Latch Retraction (QEL), Add	*833.54*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*81.03*	
		For Safety Glow Touchpad, Add	*292.35*	
08 71 11 00-2122	EA	3' Push Bar, Fire Rated, Rim Type, Exit Device (Von Duprin Series XP98-F/XP99-F) Note: Clear anodized satin aluminum US28 (BHMA 628) finish.	1,567.28	133.84
		For 4' Push Bar, Add	*13.00*	
		For Accessible Device (AX), Add	*121.03*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*73.83*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*117.40*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*187.60*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*383.68*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*121.03*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*177.92*	
		For Quiet Electric Latch Retraction (QEL), Add	*833.54*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*81.03*	
		For Safety Glow Touchpad, Add	*292.35*	
08 71 11 00-2123	EA	3' Push Bar, Surface Vertical Rods, Exit Device (Von Duprin Series 9827/9927) Note: Clear anodized satin aluminum US28 (BHMA 628) finish.	2,213.48	160.62
		For 4' Push Bar, Add	*13.00*	
		For Accessible Device (AX), Add	*178.52*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*108.89*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*173.16*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*276.70*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*565.90*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*178.52*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*262.42*	
		For Standard Baseplate Cylinder Dogging (CD), Add	*62.65*	
		For Special Center Case Dogging (SD), Add	*262.29*	
		For Cylinder Dogging Indicator (CI), Add	*174.58*	
		For Dogging Indicator (DI), Add	*160.38*	
		For Quiet Electric Latch Retraction (QEL), Add	*833.54*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*81.03*	
		For Safety Glow Touchpad, Add	*292.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2124	EA	3' Push Bar, Fire Rated, Surface Vertical Rods, Exit Device (Von Duprin Series 9827-F/9927-F) Note: Clear anodized satin aluminum US28 (BHMA 628) finish.	2,496.94	160.62
		For 4' Push Bar, Add	*13.00*	
		For Accessible Device (AX), Add	*206.86*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*126.19*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*200.66*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*320.64*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*655.75*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*206.86*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*304.09*	
		For Quiet Electric Latch Retraction (QEL), Add	*833.54*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*81.03*	
		For Safety Glow Touchpad, Add	*292.35*	
08 71 11 00-2125	EA	3' Push Bar, Concealed Vertical Rods, Exit Device (Von Duprin Series 9847/9947) Note: Clear anodized satin aluminum US28 (BHMA 628) finish.	2,325.52	184.41
		For 4' Push Bar, Add	*13.00*	
		For Accessible Device (AX), Add	*183.18*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*170.35*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*177.68*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*283.92*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*580.67*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*183.18*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*269.27*	
		For Standard Baseplate Cylinder Dogging (CD), Add	*62.65*	
		For Special Center Case Dogging (SD), Add	*262.29*	
		For Cylinder Dogging Indicator (CI), Add	*174.58*	
		For Dogging Indicator (DI), Add	*160.38*	
		For Quiet Electric Latch Retraction (QEL), Add	*833.54*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*81.03*	
		For Safety Glow Touchpad, Add	*292.35*	
08 71 11 00-2126	EA	3' Push Bar, Fire Rated, Concealed Vertical Rods, Exit Device (Von Duprin Series 9847-F/9947-F) Note: Clear anodized satin aluminum US28 (BHMA 628) finish.	2,615.28	184.41
		For 4' Push Bar, Add	*13.00*	
		For Accessible Device (AX), Add	*212.15*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*197.30*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*205.79*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*328.84*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*672.53*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*212.15*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*311.86*	
		For Quiet Electric Latch Retraction (QEL), Add	*833.54*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*81.03*	
		For Safety Glow Touchpad, Add	*292.35*	
08 71 11 00-2127	EA	3' Push Bar, Concealed Vertical Rods, Exit Device (Von Duprin Series 9848/9948) Note: Clear anodized satin aluminum US28 (BHMA 628) finish.	2,621.57	184.41
		For 4' Push Bar, Add	*13.00*	
		For Accessible Device (AX), Add	*212.78*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*197.89*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*206.40*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*329.81*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*674.52*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*212.78*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*312.79*	
		For Standard Baseplate Cylinder Dogging (CD), Add	*62.65*	
		For Special Center Case Dogging (SD), Add	*262.29*	
		For Cylinder Dogging Indicator (CI), Add	*174.58*	
		For Dogging Indicator (DI), Add	*160.38*	
		For Quiet Electric Latch Retraction (QEL), Add	*833.54*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*81.03*	
		For Safety Glow Touchpad, Add	*292.35*	
08 71 11 00-2128	EA	3' Push Bar, Fire Rated, Concealed Vertical Rods, Exit Device (Von Duprin Series 9848-F/9948-F) Note: Clear anodized satin aluminum US28 (BHMA 628) finish.	2,394.45	184.41
		For 4' Push Bar, Add	*13.00*	
		For Accessible Device (AX), Add	*190.07*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*176.77*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*184.37*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*294.61*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*602.52*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*190.07*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*279.40*	
		For Quiet Electric Latch Retraction (QEL), Add	*833.54*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*81.03*	
		For Safety Glow Touchpad, Add	*292.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2129	EA	3' Push Bar, Concealed Vertical Rods, Exit Device For Wood Door (Von Duprin Series 9847WDC/9947WDC)	2,099.29	184.41
		Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	*13.00*	
		For Accessible Device (AX), Add	*160.55*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*149.32*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*155.74*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*248.86*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*508.96*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*160.55*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*236.01*	
		For Standard Baseplate Cylinder Dogging (CD), Add	*62.65*	
		For Special Center Case Dogging (SD), Add	*262.29*	
		For Cylinder Dogging Indicator (CI), Add	*174.58*	
		For Dogging Indicator (DI), Add	*160.38*	
		For Quiet Electric Latch Retraction (QEL), Add	*833.54*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*81.03*	
		For Safety Glow Touchpad, Add	*292.35*	
08 71 11 00-2130	EA	3' Push Bar, Fire Rated, Concealed Vertical Rods, Exit Device For Wood Door (Von Duprin Series 9847WDC-F/9947WDC-F)	2,355.82	184.41
		Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	*13.00*	
		For Accessible Device (AX), Add	*186.21*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*173.17*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*180.62*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*288.62*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*590.28*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*186.21*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*273.72*	
		For Quiet Electric Latch Retraction (QEL), Add	*833.54*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*81.03*	
		For Safety Glow Touchpad, Add	*292.35*	
08 71 11 00-2131	EA	3' Push Bar, Surface Mount, Three Point Latch, Exit Device (Von Duprin Series 9857/9957)	2,265.63	160.62
		Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	*13.00*	
		For Accessible Device (AX), Add	*183.73*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*112.08*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*178.22*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*284.78*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*582.43*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*183.73*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*270.08*	
		For Standard Baseplate Cylinder Dogging (CD), Add	*62.65*	
		For Special Center Case Dogging (SD), Add	*262.29*	
		For Cylinder Dogging Indicator (CI), Add	*174.58*	
		For Dogging Indicator (DI), Add	*160.38*	
		For Quiet Electric Latch Retraction (QEL), Add	*833.54*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*81.03*	
		For Safety Glow Touchpad, Add	*292.35*	
08 71 11 00-2132	EA	3' Push Bar, Fire Rated, Surface Mount, Three Point Latch, Exit Device (Von Duprin Series 9857-F/9957-F)	2,413.21	160.62
		Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	*13.00*	
		For Accessible Device (AX), Add	*198.49*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*121.08*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*192.53*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*307.66*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*629.21*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*198.49*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*291.78*	
		For Standard Baseplate Cylinder Dogging (CD), Add	*62.65*	
		For Special Center Case Dogging (SD), Add	*262.29*	
		For Cylinder Dogging Indicator (CI), Add	*174.58*	
		For Dogging Indicator (DI), Add	*160.38*	
		For Quiet Electric Latch Retraction (QEL), Add	*833.54*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*81.03*	
		For Safety Glow Touchpad, Add	*292.35*	
08 71 11 00-2133	EA	3' Push Bar, Mortise Lock, Exit Device (Von Duprin Series 9875/9975)	2,193.53	166.57
		Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	*13.00*	
		For Accessible Device (AX), Add	*174.74*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*64.65*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*169.49*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*270.84*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*553.92*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*174.74*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*256.86*	
		For Standard Baseplate Cylinder Dogging (CD), Add	*62.65*	
		For Special Center Case Dogging (SD), Add	*262.29*	
		For Cylinder Dogging Indicator (CI), Add	*174.58*	
		For Dogging Indicator (DI), Add	*160.38*	
		For Quiet Electric Latch Retraction (QEL), Add	*833.54*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*81.03*	
		For Safety Glow Touchpad, Add	*292.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2134	EA	3' Push Bar, Fire Rated, Mortise Lock, Exit Device (Von Duprin Series 9875-F/9975-F) Note: Clear anodized satin aluminum US28 (BHMA 628) finish.	2,406.42	166.57
		For 4' Push Bar, Add	*13.00*	
		For Accessible Device (AX), Add	*196.03*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*72.53*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*190.15*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*303.84*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*621.40*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*196.03*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*288.16*	
		For Quiet Electric Latch Retraction (QEL), Add	*833.54*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*81.03*	
		For Safety Glow Touchpad, Add	*292.35*	
08 71 11 00-2135	EA	3' Push Bar, Concealed Vertical Cable, Exit Device (Von Duprin Series 9849/9949) Note: Clear anodized satin aluminum US28 (BHMA 628) finish.	2,004.20	184.41
		For 4' Push Bar, Add	*13.00*	
		For Accessible Device (AX), Add	*151.05*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*140.47*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*146.51*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*234.12*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*478.81*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*151.05*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*222.04*	
		For Standard Baseplate Cylinder Dogging (CD), Add	*62.65*	
		For Special Center Case Dogging (SD), Add	*262.29*	
		For Cylinder Dogging Indicator (CI), Add	*174.58*	
		For Dogging Indicator (DI), Add	*160.38*	
		For Quiet Electric Latch Retraction (QEL), Add	*833.54*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*81.03*	
		For Safety Glow Touchpad, Add	*292.35*	
08 71 11 00-2136	EA	3' Push Bar, Fire Rated, Concealed Vertical Cable, Exit Device(Von Duprin Series 9849-F/9949-F) Note: Clear anodized satin aluminum US28 (BHMA 628) finish.	2,170.59	184.41
		For 4' Push Bar, Add	*13.00*	
		For Accessible Device (AX), Add	*167.68*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*155.95*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*162.65*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*259.91*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*531.56*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*167.68*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*246.50*	
		For Standard Baseplate Cylinder Dogging (CD), Add	*62.65*	
		For Special Center Case Dogging (SD), Add	*262.29*	
		For Cylinder Dogging Indicator (CI), Add	*174.58*	
		For Dogging Indicator (DI), Add	*160.38*	
		For Quiet Electric Latch Retraction (QEL), Add	*833.54*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*81.03*	
		For Safety Glow Touchpad, Add	*292.35*	
08 71 11 00-2137	EA	3' Push Bar, Concealed Vertical Cable, Exit Device For Wood Door (Von Duprin Series 9849WDC/9949WDC) Note: Clear anodized satin aluminum US28 (BHMA 628) finish.	2,176.54	184.41
		For 4' Push Bar, Add	*13.00*	
		For Accessible Device (AX), Add	*168.28*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*156.50*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*163.23*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*260.83*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*533.44*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*168.28*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*247.37*	
		For Standard Baseplate Cylinder Dogging (CD), Add	*62.65*	
		For Special Center Case Dogging (SD), Add	*262.29*	
		For Cylinder Dogging Indicator (CI), Add	*174.58*	
		For Dogging Indicator (DI), Add	*160.38*	
		For Quiet Electric Latch Retraction (QEL), Add	*833.54*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*81.03*	
		For Safety Glow Touchpad, Add	*292.35*	
08 71 11 00-2138	EA	3' Push Bar, Fire Rated, Concealed Vertical Cable, Exit Device For Wood Door (Von Duprin Series 9849WDC-F/9949WDC-F) Note: Clear anodized satin aluminum US28 (BHMA 628) finish.	2,473.68	184.41
		For 4' Push Bar, Add	*13.00*	
		For Accessible Device (AX), Add	*197.99*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*184.13*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*192.05*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*306.89*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*627.64*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*197.99*	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	*291.05*	
		For Standard Baseplate Cylinder Dogging (CD), Add	*62.65*	
		For Special Center Case Dogging (SD), Add	*262.29*	
		For Cylinder Dogging Indicator (CI), Add	*174.58*	
		For Dogging Indicator (DI), Add	*160.38*	
		For Quiet Electric Latch Retraction (QEL), Add	*833.54*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*81.03*	
		For Safety Glow Touchpad, Add	*292.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2139	EA	3' Push Bar, Chexit Delayed Egress, Exit Device (Von Duprin Series CX98/CX99) Note: Clear anodized satin aluminum US28 (BHMA 628) finish.	3,443.74	154.67
		For 4' Push Bar, Add	*13.00*	
		For Accessible Device (AX), Add	*302.73*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*469.23*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*959.66*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*302.73*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*112.62*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*126.54*	
		For Center Case Dogging (CD-CX), Add	*283.16*	
		For Quiet Electric Latch Retraction (QEL), Add	*833.54*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*81.03*	
		For Safety Glow Touchpad, Add	*292.35*	
08 71 11 00-2140	EA	3' Push Bar, Fire Rated, Chexit Delayed Egress, Exit Device (Von Duprin Series CX98-F/CX99-F) Note: Excludes power supply. Clear anodized satin aluminum US28 (BHMA 628) finish.	3,652.87	154.67
		For 4' Push Bar, Add	*13.00*	
		For Accessible Device (AX), Add	*323.65*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*501.65*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*1,025.95*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*323.65*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*120.40*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*135.28*	
		For Quiet Electric Latch Retraction (QEL), Add	*833.54*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*81.03*	
		For Safety Glow Touchpad, Add	*292.35*	
08 71 11 00-2141	EA	3' Push Bar, Mortise Chexit Delayed Egress, Exit Device (Von Duprin Series CX9875/CX9975) Note: Excludes power supply. Clear anodized satin aluminum US28 (BHMA 628) finish.	4,096.67	190.36
		For 4' Push Bar, Add	*13.00*	
		For Accessible Device (AX), Add	*357.91*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*554.76*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*1,134.58*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*357.91*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*133.14*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*149.61*	
		For Center Case Dogging (CD-CX), Add	*283.16*	
		For Quiet Electric Latch Retraction (QEL), Add	*833.54*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*81.03*	
		For Safety Glow Touchpad, Add	*292.35*	
08 71 11 00-2142	EA	3' Push Bar, Fire Rated, Mortise Chexit Delayed Egress, Exit Device (Von Duprin Series CX9875-F/CX9975-F) Note: Excludes power supply. Clear anodized satin aluminum US28 (BHMA 628) finish.	4,309.58	190.36
		For 4' Push Bar, Add	*13.00*	
		For Accessible Device (AX), Add	*379.20*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*587.76*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*1,202.07*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*379.20*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*141.06*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*158.51*	
		For Quiet Electric Latch Retraction (QEL), Add	*833.54*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*81.03*	
		For Safety Glow Touchpad, Add	*292.35*	
08 71 11 00-2143	EA	3' Push Bar, Electric Latch Retraction, Exit Device (Von Duprin Series E98/E99) Note: Excludes power supply. Clear anodized satin aluminum US28 (BHMA 628) finish.	2,209.14	154.67
		For 4' Push Bar, Add	*13.00*	
		For Accessible Device (AX), Add	*179.27*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*277.87*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*568.29*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*179.27*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*66.69*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*102.90*	
		For Standard Baseplate Cylinder Dogging (CD), Add	*62.65*	
		For Special Center Case Dogging (SD), Add	*262.29*	
		For Dogging Indicator (DI), Add	*160.38*	
		For Quiet Electric Latch Retraction (QEL), Add	*833.54*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*81.03*	
		For Safety Glow Touchpad, Add	*292.35*	
08 71 11 00-2144	EA	3' Push Bar, Fire Rated, Electric Latch Retraction, Exit Device (Von Duprin Series E98-F/E99-F) Note: Excludes power supply. Clear anodized satin aluminum US28 (BHMA 628) finish.	2,418.27	154.67
		For 4' Push Bar, Add	*13.00*	
		For Accessible Device (AX), Add	*200.19*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*310.29*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*634.59*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*200.19*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*74.47*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*114.91*	
		For Quiet Electric Latch Retraction (QEL), Add	*833.54*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*81.03*	
		For Safety Glow Touchpad, Add	*292.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2145	EA	3' Push Bar, Mortise Electric Latch Retraction, Exit Device (Von Duprin Series E9875/E9975) Note: Excludes power supply. Clear anodized satin aluminum US28 (BHMA 628) finish.	2,862.07	190.36
		For 4' Push Bar, Add	*13.00*	
		For Accessible Device (AX), Add	*234.45*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*363.40*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*743.21*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*234.45*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*87.22*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*134.58*	
		For Standard Baseplate Cylinder Dogging (CD), Add	*62.65*	
		For Special Center Case Dogging (SD), Add	*262.29*	
		For Dogging Indicator (DI), Add	*160.38*	
		For Quiet Electric Latch Retraction (QEL), Add	*833.54*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*81.03*	
		For Safety Glow Touchpad, Add	*292.35*	
08 71 11 00-2146	EA	3' Push Bar, Fire Rated, Mortise Electric Latch Retraction, Exit Device (Von Duprin Series E9875-F/E9975-F) Note: Excludes power supply. Clear anodized satin aluminum US28 (BHMA 628) finish.	3,074.96	190.36
		For 4' Push Bar, Add	*13.00*	
		For Accessible Device (AX), Add	*255.74*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*396.40*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*810.70*	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	*255.74*	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*95.14*	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*146.80*	
		For Quiet Electric Latch Retraction (QEL), Add	*833.54*	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	*81.03*	
		For Safety Glow Touchpad, Add	*292.35*	
08 71 11 00-2147	EA	Exit Only Trim Plate (Von Duprin Series 98/99, EO) Note: Satin chrome plated US26D (BHMA 626) finish.	181.46	17.85
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*4.02*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*6.02*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*22.76*	
08 71 11 00-2148	EA	Dummy Trim (Von Duprin Series 98/99, 990DT) Note: Satin chrome plated US26D (BHMA 626) finish.	267.72	22.30
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*6.25*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*9.37*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*35.40*	
08 71 11 00-2149	EA	Night Latch Pull Trim With 110NL Cylinder (Von Duprin Series 98/99, 990NL) Note: Satin chrome plated US26D (BHMA 626) finish.	396.00	29.74
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*9.38*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*14.07*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*53.16*	
08 71 11 00-2150	EA	Night Latch Pull Trim Without Cylinder (Von Duprin Series 98/99, 990NL) Note: Satin chrome plated US26D (BHMA 626) finish.	306.40	29.74
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*6.69*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*10.04*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*37.93*	
08 71 11 00-2151	EA	Lever Trim With 110NL Cylinder (Von Duprin Series 98/99, 996L) Note: Satin chrome plated US26D (BHMA 626) finish.	689.86	44.62
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*17.13*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*25.69*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*97.05*	
08 71 11 00-2152	EA	Lever Trim Without Cylinder (Von Duprin Series 98/99, 996L) Note: Satin chrome plated US26D (BHMA 626) finish.	600.27	44.62
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*14.44*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*21.66*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*81.82*	
08 71 11 00-2153	EA	Blank Escutcheon, Lever ((Von Duprin Series 98/99, 996L-BE) Note: Satin chrome plated US26D (BHMA 626) finish.	600.27	44.62
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*14.44*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*21.66*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*81.82*	
08 71 11 00-2154	EA	Night Latch, Lever With 110NL Cylinder (Von Duprin Series 98/99, 996L-NL) Note: Satin chrome plated US26D (BHMA 626) finish.	583.62	44.62
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*13.94*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*20.91*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*78.99*	
08 71 11 00-2155	EA	Night Latch, Lever Without Cylinder (Von Duprin Series 98/99, 996L-NL) Note: Satin chrome plated US26D (BHMA 626) finish.	494.02	44.62
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*11.25*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*16.88*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*63.76*	
08 71 11 00-2156	EA	Lever Dummy Trim (Von Duprin Series 98/99, 996L-DT)) Note: Satin chrome plated US26D (BHMA 626) finish.	494.02	44.62
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*11.25*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*16.88*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*63.76*	
08 71 11 00-2157	EA	Knob Trim With 110NL Cylinder (Von Duprin Series 98/99, K) Note: Satin chrome plated US26D (BHMA 626) finish.	566.63	44.62
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*13.43*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*20.14*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*76.10*	
08 71 11 00-2158	EA	Knob Trim Without Cylinder (Von Duprin Series 98/99, K) Note: Satin chrome plated US26D (BHMA 626) finish.	477.03	44.62
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*10.74*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*16.11*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*60.87*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2159	EA	Blank Escutcheon, Knob (Von Duprin Series 98/99, K-BE)	477.03	44.62
		Note: Satin chrome plated US26D (BHMA 626) finish.		
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*10.74*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*16.11*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*60.87*	
08 71 11 00-2160	EA	Night Latch, Knob With 110NL Cylinder (Von Duprin Series 98/99, K-NL)	557.07	44.62
		Note: Satin chrome plated US26D (BHMA 626) finish.		
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*13.14*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*19.71*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*74.48*	
08 71 11 00-2161	EA	Night Latch, Knob Without Cylinder (Von Duprin Series 98/99, K-NL)	467.47	44.62
		Note: Satin chrome plated US26D (BHMA 626) finish.		
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*10.45*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*15.68*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*59.24*	
08 71 11 00-2162	EA	Dummy Trim For Knob Without Cylinder (Von Duprin Series 98/99, K-DT)	467.47	44.62
		Note: Satin chrome plated US26D (BHMA 626) finish.		
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*10.45*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*15.68*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*59.24*	
08 71 11 00-2163	EA	Thumbpiece Trim With 110NL Cylinder (Von Duprin Series 98/99, TP)	505.00	44.62
		Note: Satin chrome plated US26D (BHMA 626) finish.		
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*11.58*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*17.37*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*65.62*	
08 71 11 00-2164	EA	Thumbpiece Trim Without Cylinder (Von Duprin Series 98/99, TP)	415.40	44.62
		Note: Satin chrome plated US26D (BHMA 626) finish.		
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*8.89*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*13.34*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*50.39*	
08 71 11 00-2165	EA	Blank Escutcheon, Thumbpiece (Von Duprin Series 98/99, T-BE)	415.40	44.62
		Note: Satin chrome plated US26D (BHMA 626) finish.		
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*8.89*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*13.34*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*50.39*	
08 71 11 00-2166	EA	Push/Pull Hospital Latch Trim With 110NL Cylinder (Von Duprin Series 98/99, HL)	415.18	44.62
		Note: Satin chrome plated US26D (BHMA 626) finish.		
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	*8.89*	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	*13.33*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*50.35*	

08 71 11 00-2167 Option And Kits For Series 22, 33, 35, 98 Or 99 *(08 71 11 00-2086)*

08 71 11 00-2168	EA	Alarm Kit With Switch And 9 Volt Battery Back-up	981.65	44.62
08 71 11 00-2169	EA	4 Amperes Output Current, 12-24 Volt DC, Power Supply (Von Duprin PS914)	838.08	44.62
		For Battery Backup (Includes Board And 2 Batteries), Add	*59.40*	
		For Fire Alarm Interface, Add	*29.70*	
		For 2 Relay Panic Device Control Board, Add	*68.91*	
		For 2 Relay Quiet Electric Latch Panic Device Control Board, Add	*80.78*	
		For 4 Relay Output Board, Add	*66.53*	
		For 4 Relay Logic Board, Add	*182.47*	
		For Fused 8 Zone Distribution Board, Add	*23.76*	
08 71 11 00-2170	EA	Jamb Mounted Concealed Electric Power Transfer (Von Duprin EPT-10)	782.25	44.62
08 71 11 00-2171	EA	2 Amperes Output Current, 12/24 Volt DC, Power Supply (Von Duprin PS902)	401.98	44.62
		For Battery Backup (Includes Board And 2 Batteries), Add	*59.40*	
		For Fire Alarm Interface, Add	*29.70*	
		For 2 Relay Quiet Electric Latch Panic Device Control Board, Add	*80.78*	
		For 4 Relay Output Board, Add	*66.53*	
		For 4 Relay Logic Board, Add	*182.47*	
		For Fused 8 Zone Distribution Board, Add	*23.76*	
08 71 11 00-2172	EA	4 Amperes Output Current, 12/24 Volt DC, Power Supply (Von Duprin PS904)	652.41	44.62
		For Battery Backup (Includes Board And 2 Batteries), Add	*59.40*	
		For Fire Alarm Interface, Add	*29.70*	
		For 2 Relay Quiet Electric Latch Panic Device Control Board, Add	*80.78*	
		For 4 Relay Output Board, Add	*66.53*	
		For 4 Relay Logic Board, Add	*182.47*	
		For Fused 8 Zone Distribution Board, Add	*23.76*	
08 71 11 00-2173	EA	Request to Exit Push Pad Monitor Switch (RX)	231.29	29.74
08 71 11 00-2174	EA	EL Conversion Kit, Electric Latch Retraction (Von Duprin)	1,066.20	
		Note: For Von Duprin Series 33A/35A/98/99 Exit Device		

08 71 11 00-2175 Removable Verticals, Mullions (Von Duprin) *(08 71 11 00-2086)*

08 71 11 00-2176	EA	7'-2" Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness (Von Duprin 4954-72)	574.59	29.74
		Note: For use with Von Duprin Panic rim devices.		
		For Owner Furnished Material, Deduct	*-455.61*	
08 71 11 00-2177	EA	8'-2" Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness (Von Duprin 4954-82)	610.25	29.74
		Note: For use with Von Duprin Panic rim devices.		
		For Owner Furnished Material, Deduct	*-491.27*	
08 71 11 00-2178	EA	10'-2" Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness (Von Duprin 4954-102)	994.85	29.74
		Note: For use with Von Duprin Panic rim devices.		
		For Owner Furnished Material, Deduct	*-875.87*	
08 71 11 00-2179	EA	7'-6" Keyed Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness (Von Duprin KR4954-76)	978.72	35.69
		Note: For use with Von Duprin Panic rim devices.		
		For Owner Furnished Material, Deduct	*-835.95*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2180	EA	8'-6" Keyed Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness (Von Duprin KR4954-86) Note: For use with Von Duprin Panic rim devices.	1,014.37	35.69
		For Owner Furnished Material, Deduct	*-871.60*	
08 71 11 00-2181	EA	10'-6" Keyed Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness (Von Duprin KR4954-106) Note: For use with Von Duprin Panic rim devices.	1,092.62	35.69
		For Owner Furnished Material, Deduct	*-949.85*	
08 71 11 00-2182	EA	7'-3" Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness, Fire Rated (Von Duprin 9954-73) Note: For use with Von Duprin Panic rim devices.	1,015.96	29.74
		For Owner Furnished Material, Deduct	*-896.98*	
08 71 11 00-2183	EA	8'-3" Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness, Fire Rated (Von Duprin 9954-83) Note: For use with Von Duprin Panic rim devices.	1,062.58	29.74
		For Owner Furnished Material, Deduct	*-943.60*	
08 71 11 00-2184	EA	10'-3" Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness, Fire Rated (Von Duprin 9954-103) Note: For use with Von Duprin Panic rim devices.	1,157.06	29.74
		For Owner Furnished Material, Deduct	*-1,038.08*	
08 71 11 00-2185	EA	7'-5" Keyed Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness, Fire Rated (Von Duprin KR9954-75) Note: For use with Von Duprin Panic rim devices.	1,572.65	35.69
		For Owner Furnished Material, Deduct	*-1,429.88*	
08 71 11 00-2186	EA	8'-5" Keyed Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness, Fire Rated (Von Duprin KR9954-85) Note: For use with Von Duprin Panic rim devices.	1,619.27	35.69
		For Owner Furnished Material, Deduct	*-1,476.50*	
08 71 11 00-2187	EA	10'-5" Keyed Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness, Fire Rated (Von Duprin KR9954-105) Note: For use with Von Duprin Panic rim devices.	3,084.05	35.69
		For Owner Furnished Material, Deduct	*-2,941.28*	
08 71 11 00-2188	EA	Mullion Stabilizer Set (Von Duprin 154) Note: For use with Von Duprin Panic rim devices.	121.87	23.79
		For Owner Furnished Material, Deduct	*-74.28*	
08 71 11 00-2189		**Cross Bar Exit Device, Narrow Stile, Von Duprin Series 55** *(08 71 11 00-2086)* Note: Grade 1, BHMA 156.3.		
08 71 11 00-2190	EA	42" Crossbar Exit Device, Rim Type, Narrow Stile Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 55.	2,248.72	133.84
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*238.36*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*274.31*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*361.33*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*393.49*	
08 71 11 00-2191	EA	42" Crossbar Exit Device, Concealed Vertical Rod, Narrow Stile Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 5547.	2,897.60	184.41
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*302.89*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*348.56*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*459.14*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*500.00*	
08 71 11 00-2192	EA	42" Crossbar Exit Device, Concealed Vertical Rod, Narrow Stile, Fire Rated Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 5547-F.	3,166.01	184.41
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*336.70*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*387.48*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*510.40*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*555.83*	
08 71 11 00-2193	EA	42" Crossbar Exit Device, Wood Door Concealed Vertical Rod, Narrow Stile Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 5547WDC.	2,963.96	184.41
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*311.25*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*358.18*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*471.81*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*513.80*	
08 71 11 00-2194	EA	42" Crossbar Exit Device, Wood Door Concealed Vertical Rod, Narrow Stile, Fire Rated Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 5547WDC-F.	3,224.45	184.41
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*344.07*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*395.95*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*521.56*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*567.99*	
08 71 11 00-2195	EA	42" Crossbar Exit Device, Mortise Lock, Narrow Stile Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 5575.	2,250.77	166.57
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*227.38*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*261.67*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*344.68*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*375.36*	
08 71 11 00-2196	EA	42" Crossbar Exit Device, Mortise Lock, Narrow Stile, Fire Rated Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 5575-F.	2,426.09	166.57
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*249.47*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*287.09*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*378.17*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*411.83*	
08 71 11 00-2197	EA	Dummy Trim (DT) Pull Bracket, Von Duprin Series 55 Note: Anodized finish: dull brass or dull bronze.	385.35	22.30
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*41.06*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*47.25*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*62.24*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*67.78*	
08 71 11 00-2198	EA	Cylinder Assembly, Von Duprin Series 55 Note: Anodized finish: dull brass or dull bronze.	175.41	31.53
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*11.61*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*13.36*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*17.59*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*19.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2199	EA	Night Latch Pull Trim (NL) With Cylinder, Von Duprin Series 55	642.37	31.53
		Note: Anodized finish: dull brass or dull bronze.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*70.44*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*81.07*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*106.78*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*116.29*	
08 71 11 00-2200	EA	Thumbturn Trim (376T) With Cylinder, Von Duprin Series 55	689.95	44.62
		Note: Anodized finish: dull brass or dull bronze.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*71.94*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*82.79*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*109.06*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*118.76*	
08 71 11 00-2201	EA	Thumbturn - Blank Escutcheon (376T-BE), Von Duprin Series 55	568.65	44.62
		Note: Anodized finish: dull brass or dull bronze.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*56.66*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*65.20*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*85.89*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*93.53*	
08 71 11 00-2202	EA	Lever Trim (371L) With Cylinder, Von Duprin Series 55	689.95	44.62
		Note: Anodized finish: dull brass or dull bronze.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*71.94*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*82.79*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*109.06*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*118.76*	
08 71 11 00-2203	EA	Lever Trim (575L) With Cylinder, Von Duprin Series 55	794.93	44.62
		Note: Anodized finish: dull brass or dull bronze.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*85.17*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*98.01*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	*129.11*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*140.60*	
08 71 11 00-2204		**Cross Bar Exit Device, Von Duprin Series 88** *(08 71 11 00-2086)*		
		Note: Grade 1, BHMA 156.3.		
08 71 11 00-2205	EA	42" Crossbar, Rim Type, Exit Device	1,429.61	133.84
		Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 88.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*33.25*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*34.33*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*292.84*	
08 71 11 00-2206	EA	42" Crossbar, Fire Rated, Rim Type, Exit Device	1,666.33	133.84
		Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 88-F.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*40.59*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*41.90*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*357.46*	
08 71 11 00-2207	EA	42" Crossbar, Surface Vertical Rods, Exit Device	1,848.64	160.62
		Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 8827.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*44.03*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*45.45*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*387.75*	
08 71 11 00-2208	EA	42" Crossbar, Fire Rated, Surface Vertical Rods, Exit Device	2,360.70	160.62
		Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 8827-F.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*59.90*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*61.84*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*527.54*	
08 71 11 00-2209	EA	42" Crossbar, Concealed Vertical Rods, Exit Device	1,785.21	184.41
		Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 8847.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*40.04*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*41.33*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*352.57*	
08 71 11 00-2210	EA	42" Crossbar, Fire Rated, Concealed Vertical Rods, Exit Device	2,250.83	184.41
		Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 8847-F.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*54.47*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*56.23*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*479.68*	
08 71 11 00-2211	EA	42" Crossbar, Mortise Lock, Exit Device	1,912.04	166.57
		Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 8875.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*45.44*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*46.91*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*400.19*	
08 71 11 00-2212	EA	42" Crossbar, Fire Rated, Mortise Lock, Exit Device	2,032.88	166.57
		Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 8875-F.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*49.19*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*50.78*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*433.17*	
08 71 11 00-2213	EA	Dummy Trim (Von Duprin Series 88, DT)	215.98	22.30
		Note: Anodized finish: dull brass or dull bronze.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*4.85*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*5.01*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*42.72*	
08 71 11 00-2214	EA	Night Latch Pull Trim With Cylinder (Von Duprin Series 88, NL)	338.29	29.74
		Note: Anodized finish: dull brass or dull bronze.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*7.91*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*8.16*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*69.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2215	EA	Thumbturn Trim With Cylinder (Von Duprin Series 88, 376T Or 377T) Note: Anodized finish: dull brass or dull bronze.	600.35	44.62
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*14.92*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*15.40*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*131.41*	
08 71 11 00-2216	EA	Lever Trim With Cylinder (Von Duprin Series 88, 373L) Note: Anodized finish: dull brass or dull bronze.	560.73	44.62
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*13.69*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*14.14*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*120.60*	
08 71 11 00-2217	EA	Knob Trim With Cylinder (Von Duprin Series 88, K) Note: Anodized finish: dull brass or dull bronze.	419.54	44.62
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*9.32*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*9.62*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*82.05*	
08 71 11 00-2218	EA	Thumbpiece Trim With Cylinder (Von Duprin Series 88, TP) Note: Anodized finish: dull brass or dull bronze.	419.54	44.62
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	*9.32*	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	*9.62*	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	*82.05*	

08 71 11 00-2219 Door Closers *(08 71 11)*

Note: Includes standard cover and arm.

08 71 11 00-2220	EA	Surface Mounted Heavy Duty Door Closer (LCN 4010/4020/4110 Series)	586.54	34.50
		For Delayed Action, Add	*12.60*	
		For AVB (5 LB Per Push), Add	*6.60*	
		For Fusible Link Arm, Add	*39.60*	
		For Shock Absorbing Arm, Add	*19.80*	
		For Hold Open Arm, Add	*13.80*	
		For Plated Brass Finish, Add	*101.40*	
		For Plated Finish With Clear Coat, Add	*127.20*	
08 71 11 00-2221	EA	Surface Mounted Heavy Duty Door Closer (LCN 4040XP/4041 Series)	603.03	34.50
		For Delayed Action, Add	*12.60*	
		For AVB (5 LB Per Push), Add	*6.60*	
		For Fusible Link Arm, Add	*39.60*	
		For Shock Absorbing Arm, Add	*19.80*	
		For Hold Open Arm, Add	*13.80*	
		For Plated Brass Finish, Add	*101.40*	
		For Plated Finish With Clear Coat, Add	*127.20*	
		For Spring Cush Arm, Add	*67.20*	
		For Parallel Arm And PA Shoe, Add	*22.40*	
		For Stainless Steel Finish, Add	*145.00*	
08 71 11 00-2222	EA	Surface Mounted High Security Door Closer With Metal Cover (LCN 4510)	623.67	34.50
		For Delayed Action, Add	*12.60*	
		For AVB (5 LB Per Push), Add	*6.60*	
		For Fusible Link Arm, Add	*39.60*	
		For Shock Absorbing Arm, Add	*19.80*	
		For Hold Open Arm, Add	*13.80*	
		For Plated Brass Finish, Add	*101.40*	
		For Plated Finish With Clear Coat, Add	*127.20*	
08 71 11 00-2223	EA	Surface Mounted Standard Duty Door Closer (Norton 8301)	405.18	34.50
		For Parallel Arm, Add	*22.40*	
08 71 11 00-2224	EA	Surface Mounted Standard Duty Door Closer (Norton 8501)	408.66	34.50
		For Parallel Arm, Add	*22.40*	
08 71 11 00-2225	EA	Screen Door - Closer	57.29	12.92
08 71 11 00-2226	EA	Screen Door - Locking Handle	62.93	18.55

08 71 11 00-2227 Concealed Door Closers *(08 71 11)*

08 71 11 00-2228	EA	Non-Hold Open, Floor Concealed Door Closer (Rixson 27/28)	1,363.43	102.32
08 71 11 00-2229	EA	Selective Hold Open, Floor Concealed Door Closer (Rixson 27/27)	1,460.62	102.32
08 71 11 00-2230	EA	Concealed (In Door) Overhead Door Closer (LCN 3130)	693.03	41.64
		For Hold Open Arm, Add	*13.80*	
		For Plated Brass Finish, Add	*101.40*	
		For Plated Finish With Clear Coat, Add	*127.20*	
08 71 11 00-2231	EA	Concealed (In Frame) Overhead Door Closer (LCN 5010)	749.88	41.64
		For Delayed Action, Add	*12.60*	
		For Hold Open Arm, Add	*13.80*	
		For Plated Brass Finish, Add	*101.40*	
		For Plated Finish With Clear Coat, Add	*127.20*	

08 71 11 00-2232 Locks And Latches *(08 71 11)*

Note: All locksets are supplied with knob, lever or thumb piece, set of 3 keys and include a core. Multi purchase locksets can be keyed alike and to an existing master key (when required). The cost for boring hole or preparing mortise is included with the new door.

08 71 11 00-2233 Locksmith Services *(08 71 11 00-2232)*

08 71 11 00-2234	EA	Provide Extra Keys (Above The Three Provided For New Locks) Or Duplicate Keys	1.86	
		For >50, Deduct	*-0.37*	
08 71 11 00-2235	EA	Rekey Existing Cylinder To Match Existing Cylinders Or Master Key	142.83	
		For >5, Deduct	*-14.28*	
08 71 11 00-2236	EA	Removal And Replacement Of Cylinder With Owner Supplied Cylinder	142.83	
		For >5, Deduct	*-14.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2237	EA	Removal And Replacement Of Cylinder With New Cylinder Note: Excludes core.	162.67	
		For >5, Deduct	*-14.28*	
08 71 11 00-2238	EA	Open Locked Doors	142.83	
08 71 11 00-2239	EA	Install Owner Furnished Cores And Cylinders	59.84	
08 71 11 00-2240		**Mortise Locksets And Latchsets** *(08 71 11 00-2232)* Note: Satin chrome plated US 26D (BHMA 626) - BHMA 156.13 Grade 1. Levers or knobs.		
08 71 11 00-2241	EA	Passage/Closet F01 Mortise Latchset Note: Both sides always unlocked.	832.25	29.74
		For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add	*23.54*	
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	*21.40*	
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	*35.66*	
		For Satin Stainless Steel US32D (BHMA 630) Finish, Add	*251.78*	
08 71 11 00-2242	EA	Bath/Bedroom Privacy F02/F19 Mortise Lockset Note: Locked with thumb knob inside.	990.74	29.74
		For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add	*28.77*	
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	*26.15*	
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	*43.59*	
		For Satin Stainless Steel US32D (BHMA 630) Finish, Add	*307.73*	
08 71 11 00-2243	EA	Entrance/Office F04 Mortise Lockset Note: Locked with key outside and thumb knob inside.	1,102.83	29.74
		For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add	*32.47*	
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	*29.52*	
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	*49.19*	
		For Satin Stainless Steel US32D (BHMA 630) Finish, Add	*347.30*	
08 71 11 00-2244	EA	Classroom F05 Mortise Lockset Note: Locked with key outside. Inside always unlocked.	1,029.21	29.74
		For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add	*30.04*	
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	*27.31*	
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	*45.51*	
		For Satin Stainless Steel US32D (BHMA 630) Finish, Add	*321.31*	
		For Security Function (Double Cylinder) With Visual Indicator, Add	*78.95*	
08 71 11 00-2245	EA	Storeroom/Closet F07 Mortise Lockset Note: Locked with key outside. Inside always unlocked. Fixed outside handle.	1,029.21	29.74
		For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add	*30.04*	
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	*27.31*	
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	*45.51*	
		For Satin Stainless Steel US32D (BHMA 630) Finish, Add	*321.31*	
08 71 11 00-2246	EA	Entrance F08 Mortise Lockset Note: Locked with key outside and thumb knob inside.	1,149.77	29.74
		For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add	*34.02*	
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	*30.92*	
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	*51.54*	
		For Satin Stainless Steel US32D (BHMA 630) Finish, Add	*363.87*	
08 71 11 00-2247	EA	Dormitory/Exit F13 Mortise Lockset Note: Locked with key outside and thumb knob inside.	989.63	29.74
		For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add	*28.73*	
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	*26.12*	
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	*43.53*	
		For Satin Stainless Steel US32D (BHMA 630) Finish, Add	*307.34*	
08 71 11 00-2248		**Locks And Latches** *(08 71 11 00-2232)*		
08 71 11 00-2249		**Preassembled Locks And Latches** *(08 71 11 00-2248)* Note: Satin chrome plated US 26D (BHMA 626) - BHMA 156.2-1989 Grade 1, with knob handles.		
08 71 11 00-2250	EA	Passage/Closet F36 Pre-Assembled Latchset (Corbin Russwin UT5210) Note: Both sides always unlocked.	1,733.73	29.74
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	*49.33*	
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	*82.22*	
		For Satin Stainless Steel US32D (BHMA 630) Finish, Add	*580.50*	
		For Bright Chrome Plated Finish US26 (BHMA 625) Finish, Add	*305.88*	
		For Grade 2, Deduct	*-639.71*	
08 71 11 00-2251	EA	Bath/Bedroom Privacy F37 Pre-Assembled Lockset (Corbin Russwin UT5220) Note: Locked with push button inside.	1,877.50	29.74
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	*53.65*	
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	*89.41*	
		For Satin Stainless Steel US32D (BHMA 630) Finish, Add	*631.26*	
		For Bright Chrome Plated Finish US26 (BHMA 625) Finish, Add	*332.62*	
		For Grade 2, Deduct	*-695.63*	
08 71 11 00-2252	EA	Entrance/Office F41 Pre-Assembled Lockset (Corbin Russwin UT5261) Note: Locked with key outside and push button inside.	2,135.29	29.74
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	*61.38*	
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	*102.30*	
		For Satin Stainless Steel US32D (BHMA 630) Finish, Add	*722.26*	
		For Bright Chrome Plated Finish US26 (BHMA 625) Finish, Add	*380.57*	
		For Grade 2, Deduct	*-795.91*	
08 71 11 00-2253	EA	Classroom F42 Pre-Assembled Lockset (Corbin Russwin UT5255) Note: Locked with key outside. Inside always unlocked.	2,135.29	29.74
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	*61.38*	
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	*102.30*	
		For Satin Stainless Steel US32D (BHMA 630) Finish, Add	*722.26*	
		For Bright Chrome Plated Finish US26 (BHMA 625) Finish, Add	*380.57*	
		For Grade 2, Deduct	*-795.91*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2254	EA	Storeroom/Closet F44 Pre-Assembled Lockset (Corbin Russwin UT5257)	2,135.29	29.74
		Note: Locked with key outside. Inside always unlocked. Fixed outside handle.		
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	*61.38*	
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	*102.30*	
		For Satin Stainless Steel US32D (BHMA 630) Finish, Add	*722.26*	
		For Bright Chrome Plated Finish US26 (BHMA 625) Finish, Add	*380.57*	
		For Grade 2, Deduct	*-795.91*	
08 71 11 00-2255		**Bored Locks And Latches** *(08 71 11 00-2248)*		
		Note: Satin chrome plated US 26D (BHMA 626) - BHMA 156.2-1989, Grade 1, 6 pins or 7 pins. Levers or knobs.		
08 71 11 00-2256	EA	Passage/Closet F75 Bored Latchset	290.24	29.74
		Note: Both sides always unlocked.		
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	*5.14*	
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	*8.56*	
		For Satin Stainless Steel US32D (BHMA 630) Finish, Add	*60.45*	
		For Bright Chrome Plated Finish US26 (BHMA 625) Finish, Add	*31.85*	
		For Grade 2, Deduct	*-8.56*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add	*3.43*	
		For Interchangeable Core, Add	*9.45*	
08 71 11 00-2257	EA	Bath/Bedroom Privacy F76 Bored Lockset	331.08	29.74
		Note: Locked with push button inside.		
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	*6.36*	
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	*10.61*	
		For Satin Stainless Steel US32D (BHMA 630) Finish, Add	*74.87*	
		For Bright Chrome Plated Finish US26 (BHMA 625) Finish, Add	*39.45*	
		For Grade 2, Deduct	*-10.61*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add	*4.24*	
		For Interchangeable Core, Add	*9.45*	
08 71 11 00-2258	EA	Entrance/Office F82 Bored Lockset	364.00	29.74
		Note: Locked with key outside and push button inside.		
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	*7.35*	
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	*12.25*	
		For Satin Stainless Steel US32D (BHMA 630) Finish, Add	*86.49*	
		For Bright Chrome Plated Finish US26 (BHMA 625) Finish, Add	*45.57*	
		For Grade 2, Deduct	*-12.25*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add	*4.90*	
		For Interchangeable Core, Add	*9.45*	
08 71 11 00-2259	EA	Classroom F84 Bored Lockset	364.00	29.74
		Note: Locked with key outside. Inside always unlocked.		
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	*7.35*	
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	*12.25*	
		For Satin Stainless Steel US32D (BHMA 630) Finish, Add	*86.49*	
		For Bright Chrome Plated Finish US26 (BHMA 625) Finish, Add	*45.57*	
		For Grade 2, Deduct	*-12.25*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add	*4.90*	
		For Interchangeable Core, Add	*9.45*	
08 71 11 00-2260	EA	Storeroom/Closet F86 Bored Lockset	364.00	29.74
		Note: Locked with key outside. Inside always unlocked. Fixed outside handle.		
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	*7.35*	
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	*12.25*	
		For Satin Stainless Steel US32D (BHMA 630) Finish, Add	*86.49*	
		For Bright Chrome Plated Finish US26 (BHMA 625) Finish, Add	*45.57*	
		For Grade 2, Deduct	*-12.25*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add	*4.90*	
		For Interchangeable Core, Add	*9.45*	
08 71 11 00-2261	EA	Corridor/Dormitory F90 Bored Lockset	364.00	29.74
		Note: Locked with key outside and push button inside.		
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	*7.35*	
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	*12.25*	
		For Satin Stainless Steel US32D (BHMA 630) Finish, Add	*86.49*	
		For Bright Chrome Plated Finish US26 (BHMA 625) Finish, Add	*45.57*	
		For Grade 2, Deduct	*-12.25*	
		For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add	*4.90*	
		For Interchangeable Core, Add	*9.45*	
08 71 11 00-2262		**Multi-Point Lock** *(08 71 11 00-2232)*		
08 71 11 00-2263		**Threepoint Lock** *(08 71 11 00-2262)*		
08 71 11 00-2264	EA	Three 1/2" x 1" Solid Steel Bolts With 3/4" Throw Threepoint Lock	3,784.35	356.94
08 71 11 00-2265		**Other Locks** *(08 71 11 00-2232)*		
		Note: BHMA A156.5.		
08 71 11 00-2266	EA	Steel Exit Lock With Alarm, Single Door Satin Chrome Plated, BHMA E0421	972.19	154.67
08 71 11 00-2267	EA	Exit Lock With Alarm At Active Leaf And Vertical Rod - Inactive Leaf Rod For Inactive Leaf (Pair Doors) Steel With Satin Chrome Plating BHMA - E0461	2,195.93	309.34
08 71 11 00-2268		**Pushbutton Combination Locks** *(08 71 11 00-2232)*		
08 71 11 00-2269		**Mechanical Pushbutton Combination Locks** *(08 71 11 00-2268)*		
		Note: Passage option allows access without using the lock entry code and is activated from the inside with a thumbturn or key. Lockout option disables the lock from the inside so that the entry code cannot be used to gain access.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2270		**Mechanical Pushbutton Combination Locks (Kaba® Simplex® 1000 Series)**		
		(08 71 11 00-2269)		
		Note: Satin chrome or antique brass finish.		
08 71 11 00-2271	EA	Five Button, Cylindrical Locking Device, Mechanical Pushbutton Combination Lock, Knob (Kaba® Simplex® 1011 Series)	787.74	74.81
		For Bright Chrome Or Bright Brass Finish, Add	*17.50*	
		For Schlage Core, Add	*47.92*	
		For Fire Rated, Add	*65.55*	
08 71 11 00-2272	EA	Five Button, Cylindrical Locking Device With Passage, Mechanical Pushbutton Combination Lock, Knob (Kaba® Simplex® 1311 Series)	845.20	74.81
		For Bright Chrome Or Bright Brass Finish, Add	*17.50*	
		For Schlage Core, Add	*47.92*	
		For Fire Rated, Add	*65.55*	
08 71 11 00-2273	EA	Five Button, Cylindrical Locking Device, Mechanical Pushbutton Combination Lock With Key Override, Knob (Kaba® Simplex® 1021 Series)	868.19	74.81
		For Bright Chrome Or Bright Brass Finish, Add	*17.50*	
		For Schlage Core, Add	*47.92*	
		For Fire Rated, Add	*65.55*	
08 71 11 00-2274	EA	Five Button, Cylindrical Locking Device With Passage, Mechanical Pushbutton Combination Lock With Key Override, Knob (Kaba® Simplex® 1041 Series)	925.66	74.81
		For Bright Chrome Or Bright Brass Finish, Add	*17.50*	
		For Schlage Core, Add	*47.92*	
		For Fire Rated, Add	*65.55*	
08 71 11 00-2275	EA	Five Button, Cylindrical Locking Device, Mechanical Pushbutton Combination Lock, Lever (Kaba® Simplex® L1011 Series)	885.43	74.81
		For Bright Chrome Or Bright Brass Finish, Add	*17.50*	
		For Schlage Core, Add	*47.92*	
		For Fire Rated, Add	*65.55*	
08 71 11 00-2276	EA	Five Button, Cylindrical Locking Device With Passage, Mechanical Pushbutton Combination Lock, Lever (Kaba® Simplex® L1031 Series)	942.90	74.81
		For Bright Chrome Or Bright Brass Finish, Add	*17.50*	
		For Schlage Core, Add	*47.92*	
		For Fire Rated, Add	*65.55*	
08 71 11 00-2277	EA	Five Button, Cylindrical Locking Device, Mechanical Pushbutton Combination Lock With Key Override, Lever (Kaba® Simplex® L1021 Series)	965.89	74.81
		For Bright Chrome Or Bright Brass Finish, Add	*17.50*	
		For Schlage Core, Add	*47.92*	
		For Fire Rated, Add	*65.55*	
08 71 11 00-2278	EA	Five Button, Cylindrical Locking Device With Passage, Mechanical Pushbutton Combination Lock With Key Override, Lever (Kaba® Simplex® L1041 Series)	1,023.36	74.81
		For Bright Chrome Or Bright Brass Finish, Add	*17.50*	
		For Schlage Core, Add	*47.92*	
		For Fire Rated, Add	*65.55*	
08 71 11 00-2279		**Mechanical Pushbutton Combination Locks (Kaba® Simplex® 5000 Series)**		
		(08 71 11 00-2269)		
		Note: ANSI/BHMA Grade 1, Satin chrome finish or black with satin chrome accents.		
08 71 11 00-2280	EA	Five Button, Cylindrical Locking Device, Mechanical Pushbutton Combination Lock With Key Override, Knob Or Lever (Kaba® Simplex® 5000 Series)	871.64	74.81
		For Bright Chrome, Bright Brass Or Satin Brass Finish, Add	*17.50*	
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
		For Schlage Core, Add	*47.92*	
08 71 11 00-2281	EA	Five Button, Cylindrical Locking Device With Passage, Mechanical Pushbutton Combination Lock With Key Override, Knob Or Lever (Kaba® Simplex® 5000 Series)	917.62	74.81
		For Bright Chrome, Bright Brass Or Satin Brass Finish, Add	*17.50*	
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
		For Schlage Core, Add	*47.92*	
08 71 11 00-2282	EA	Five Button, Mortise Locking Device, Mechanical Pushbutton Combination Lock With Key Override, Lever (Kaba® Simplex® 5000 Series)	1,009.57	74.81
		For Bright Chrome, Bright Brass Or Satin Brass Finish, Add	*17.50*	
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
		For Schlage Core, Add	*47.92*	
08 71 11 00-2283	EA	Five Button, Mortise Locking Device With Passage, Mechanical Pushbutton Combination Lock With Key Override, Lever (Kaba® Simplex® 5000 Series)	1,044.05	74.81
		For Bright Chrome, Bright Brass Or Satin Brass Finish, Add	*17.50*	
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
		For Schlage Core, Add	*47.92*	
08 71 11 00-2284	EA	Five Button, Mortise Locking Device With Deadbolt And Lockout, Mechanical Pushbutton Combination Lock With Key Override, Lever (Kaba® Simplex® 5000 Series)	1,044.05	74.81
		For Bright Chrome, Bright Brass Or Satin Brass Finish, Add	*17.50*	
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
		For Schlage Core, Add	*47.92*	
08 71 11 00-2285	EA	Five Button, Exit Trim, Mechanical Pushbutton Combination Lock With Key Override, Lever (Kaba® Simplex® 5000 Series)	986.58	74.81
		For Bright Chrome, Bright Brass Or Satin Brass Finish, Add	*17.50*	
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
		For Schlage Core, Add	*47.92*	
08 71 11 00-2286		**Mechanical Pushbutton Combination Locks (Kaba® Simplex® 8100 Series)**		
		(08 71 11 00-2269)		
		Note: Satin chrome or antique brass finish.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2287	EA	Five Button, Mortise Locking Device With Passage And Lockout, Mechanical Pushbutton Combination Lock With Key Override, Lever (Kaba® Simplex® 8100 Series)	1,052.10	74.81
		For Bright Chrome Or Bright Brass Finish, Add	*17.50*	
		For Schlage Core, Add	*47.92*	
08 71 11 00-2288	EA	Five Button, Mortise Locking Device With Deadbolt, Passage And Lockout, Mechanical Pushbutton Combination Lock With Key Override, Lever (Kaba® Simplex® 8100 Series)	1,086.58	74.81
		For Bright Chrome Or Bright Brass Finish, Add	*17.50*	
		For Schlage Core, Add	*47.92*	

08 71 11 00-2289 Mechanical Pushbutton Combination Locks (Kaba® Simplex® LD 450/470)

(08 71 11 00-2269)

Note: Satin stainless, bright brass or antique brass finish.

08 71 11 00-2290	EA	Twelve Button, Tubular Latch Locking Device, Light Duty, Mechanical Pushbutton Combination Lock, Knob (Kaba® Simplex® LD 450 Series)	457.86	74.81
		For Schlage Core, Add	*47.92*	
08 71 11 00-2291	EA	Twelve Button, Tubular Latch Locking Device With Passage, Light Duty, Mechanical Pushbutton Combination Lock, Lever (Kaba® Simplex® LD 470 Series)	609.58	74.81
		For Schlage Core, Add	*47.92*	

08 71 11 00-2292 Electrical Pushbutton Combination Locks *(08 71 11 00-2268)*

Note: Privacy option limits access to privileged users (master codes).

08 71 11 00-2293 Electrical Pushbutton Combination Locks (Kaba® E-Plex® 2000 Series) *(08 71 11 00-2292)*

Note: ANSI/BHMA Grade 1. Satin chrome finish. Includes 100 access codes and 1,000 audit events.

08 71 11 00-2294	EA	Twelve Button, Cylindrical Locking Device, Electrical Pushbutton Combination Lock, Lever (Kaba® E-Plex® 2000 Series)	816.47	74.81
		For Satin Brass Finish, Add	*17.50*	
08 71 11 00-2295	EA	Twelve Button, Mortise Locking Device, Electrical Pushbutton Combination Lock, Lever (Kaba® E-Plex® 2000 Series)	954.40	74.81
		For Satin Brass Finish, Add	*17.50*	
08 71 11 00-2296	EA	Twelve Button, Mortise Locking Device With Deadbolt, Electrical Pushbutton Combination Lock, Lever (Kaba® E-Plex® 2000 Series)	988.88	74.81
		For Satin Brass Finish, Add	*17.50*	
08 71 11 00-2297	EA	Twelve Button, Exit Trim, Electrical Pushbutton Combination Lock, Lever (Kaba® E-Plex® 2000 Series)	931.41	74.81
		For Satin Brass Finish, Add	*17.50*	
08 71 11 00-2298	EA	Twelve Button, Cylindrical Locking Device, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 2000 Series)	873.94	74.81
		For Satin Brass Finish, Add	*17.50*	
08 71 11 00-2299	EA	Twelve Button, Cylindrical Locking Device With Privacy, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 2000 Series)	988.88	74.81
		For Satin Brass Finish, Add	*17.50*	
08 71 11 00-2300	EA	Twelve Button, Mortise Locking Device, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 2000 Series)	1,011.87	74.81
		For Satin Brass Finish, Add	*17.50*	
08 71 11 00-2301	EA	Twelve Button, Mortise Locking Device With Deadbolt, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 2000 Series)	1,046.35	74.81
		For Satin Brass Finish, Add	*17.50*	
08 71 11 00-2302	EA	Twelve Button, Exit Trim, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 2000 Series)	988.88	74.81
		For Satin Brass Finish, Add	*17.50*	

08 71 11 00-2303 Narrow Stile Application, Electrical Pushbutton Combination Locks (Kaba® E-Plex® 3000 Series) *(08 71 11 00-2292)*

Note: ANSI/BHMA Grade 1. Satin chrome finish. Includes 300 access codes and 9,000 audit events.

08 71 11 00-2304	EA	Twelve Button, Mortise Locking Device, Narrow Stile Application, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 3000 Series)	1,046.35	74.81
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
		For Remote Unlock, Add	*100.89*	
		Note: Excludes momentary contact switch.		
08 71 11 00-2305	EA	Twelve Button, Mortise Locking Device With Deadbolt, Narrow Stile Application, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 3000 Series)	1,046.35	74.81
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
		For Remote Unlock, Add	*100.89*	
		Note: Excludes momentary contact switch.		

08 71 11 00-2306 Narrow Stile Application, Electrical Pushbutton Combination Locks (Kaba® E-Plex® 3200 Series) *(08 71 11 00-2292)*

Note: ANSI/BHMA Grade 1. Satin chrome finish. Includes 3,000 access codes and 30,000 audit events.

08 71 11 00-2307	EA	Twelve Button, Mortise Locking Device, Narrow Stile Application, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 3200 Series)	1,224.51	74.81
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
		For Remote Unlock, Add	*100.89*	
		Note: Excludes momentary contact switch.		
08 71 11 00-2308	EA	Twelve Button, Mortise Locking Device With Deadbolt, Narrow Stile Application, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 3200 Series)	1,224.51	74.81
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
		For Remote Unlock, Add	*100.89*	
		Note: Excludes momentary contact switch.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2309		**Electrical Pushbutton Combination Locks (Kaba® E-Plex® 5200 Series)** *(08 71 11 00-2292)*		
		Note: ANSI/BHMA Grade 1. Satin chrome finish. Includes 3,000 access codes and 30,000 audit events.		
08 71 11 00-2310	EA	Twelve Button, Cylindrical Locking Device, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 5200 Series)	1,316.46	74.81
		For Bright Chrome, Bright Brass Or Satin Brass Finish, Add	*17.50*	
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
		For Remote Unlock, Add	*100.89*	
		Note: Excludes momentary contact switch.		
08 71 11 00-2311	EA	Twelve Button, Cylindrical Locking Device With Privacy, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 5200 Series)	1,431.40	74.81
		For Bright Chrome, Bright Brass Or Satin Brass Finish, Add	*17.50*	
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
		For Remote Unlock, Add	*100.89*	
		Note: Excludes momentary contact switch.		
08 71 11 00-2312	EA	Twelve Button, Mortise Locking Device, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 5200 Series)	1,454.39	74.81
		For Bright Chrome, Bright Brass Or Satin Brass Finish, Add	*17.50*	
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
		For Remote Unlock, Add	*100.89*	
		Note: Excludes momentary contact switch.		
08 71 11 00-2313	EA	Twelve Button, Mortise Locking Device With Deadbolt, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 5200 Series)	1,488.87	74.81
		For Bright Chrome, Bright Brass Or Satin Brass Finish, Add	*17.50*	
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
		For Remote Unlock, Add	*100.89*	
		Note: Excludes momentary contact switch.		
08 71 11 00-2314	EA	Twelve Button, Exit Trim, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 5200 Series)	1,431.40	74.81
		For Bright Chrome, Bright Brass Or Satin Brass Finish, Add	*17.50*	
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
		For Remote Unlock, Add	*100.89*	
		Note: Excludes momentary contact switch.		
08 71 11 00-2315		**Electrical Pushbutton Combination Lock/Card Readers (Kaba® E-Plex® 5800 Series)** *(08 71 11 00-2292)*		
		Note: ANSI/BHMA Grade 1. Satin chrome or black with satin chrome accents finish. Includes 3,000 access codes and 30,000 audit events.		
08 71 11 00-2316	EA	Twelve Button, Cylindrical Locking Device, Electrical Pushbutton Combination Lock/Card Reader With Key Override, Lever (Kaba® E-Plex® 5800 Series)	1,862.42	74.81
		For Bright Chrome, Bright Brass Or Satin Brass Finish, Add	*17.50*	
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
		For Remote Unlock, Add	*100.89*	
		Note: Excludes momentary contact switch.		
08 71 11 00-2317	EA	Twelve Button, Cylindrical Locking Device With Privacy, Electrical Pushbutton Combination Lock/Card Reader With Key Override, Lever (Kaba® E-Plex® 5800 Series)	1,977.36	74.81
		For Bright Chrome, Bright Brass Or Satin Brass Finish, Add	*17.50*	
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
		For Remote Unlock, Add	*100.89*	
		Note: Excludes momentary contact switch.		
08 71 11 00-2318	EA	Twelve Button, Mortise Locking Device, Electrical Pushbutton Combination Lock/Card Reader With Key Override, Lever (Kaba® E-Plex® 5800 Series)	2,000.35	74.81
		For Bright Chrome, Bright Brass Or Satin Brass Finish, Add	*17.50*	
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
		For Remote Unlock, Add	*100.89*	
		Note: Excludes momentary contact switch.		
08 71 11 00-2319	EA	Twelve Button, Mortise Locking Device With Deadbolt, Electrical Pushbutton Combination Lock/Card Reader With Key Override, Lever (Kaba® E-Plex® 5800 Series)	2,034.83	74.81
		For Bright Chrome, Bright Brass Or Satin Brass Finish, Add	*17.50*	
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
		For Remote Unlock, Add	*100.89*	
		Note: Excludes momentary contact switch.		
08 71 11 00-2320	EA	Twelve Button, Exit Trim, Electrical Pushbutton Combination Lock/Card Reader With Key Override, Lever (Kaba® E-Plex® 5800 Series)	1,977.36	74.81
		For Bright Chrome, Bright Brass Or Satin Brass Finish, Add	*17.50*	
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
		For Remote Unlock, Add	*100.89*	
		Note: Excludes momentary contact switch.		
08 71 11 00-2321		**Entry/Egress, Electrical Pushbutton Combination Lock/Card Readers (Kaba® E-Plex® 5886 Series)** *(08 71 11 00-2292)*		
		Note: ANSI/BHMA Grade 1. Satin chrome or black with satin chrome accents finish. Includes 3,000 access codes and 30,000 audit events.		
08 71 11 00-2322	EA	Twelve Button, Mortise Locking Device, Entry/Egress, Electrical Pushbutton Combination Lock/Card Reader With Key Override, Lever (Kaba® E-Plex® 5886 Series)	2,644.02	74.81
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	
		For Bright Chrome, Bright Brass Or Satin Brass Finish, Add	*35.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

08 71 11 00-2323 Stand Alone Access Controller, Electrical Pushbutton Combination Lock/Card Readers (Kaba® E-Plex® 5870 Series) *(08 71 11 00-2292)*

Note: ANSI/BHMA Grade 1. Satin chrome or black with satin chrome accents finish. Includes 3,000 access codes and 30,000 audit events.

08 71 11 00-2324	EA	Twelve Button, Stand Alone Access Controller, Electrical Pushbutton Combination Lock/Card Reader (Kaba® E-Plex® 5870 Series)	1,661.28	74.81
		For Bright Chrome, Bright Brass Or Satin Brass Finish, Add	*17.50*	
		For Dark Bronze Finish With Brass Accents, Add	*70.00*	

08 71 11 00-2325 Self-Powered, Electrical Pushbutton Combination Locks (Kaba® PowerPlex® 2000 Series) *(08 71 11 00-2292)*

Note: ANSI/BHMA Grade 1. Satin chrome finish.

08 71 11 00-2326	EA	Twelve Button, Cylindrical Locking Device, Self-Powered, Electrical Pushbutton Combination Lock, Lever (Kaba® PowerPlex® 2000 Series)	1,017.62	74.81
		For Satin Brass Finish, Add	*17.50*	
		For Owner Furnished Material, Deduct	*-718.38*	
08 71 11 00-2327	EA	Twelve Button, Mortise Locking Device, Self-Powered, Electrical Pushbutton Combination Lock, Lever (Kaba® PowerPlex® 2000 Series)	1,155.54	74.81
		For Satin Brass Finish, Add	*17.50*	
		For Owner Furnished Material, Deduct	*-856.30*	
08 71 11 00-2328	EA	Twelve Button, Mortise Locking Device With Deadbolt, Self-Powered, Electrical Pushbutton Combination Lock, Lever (Kaba® PowerPlex® 2000 Series)	1,190.02	74.81
		For Satin Brass Finish, Add	*17.50*	
		For Owner Furnished Material, Deduct	*-890.78*	
08 71 11 00-2329	EA	Twelve Button, Exit Trim, Self-Powered, Electrical Pushbutton Combination Lock, Lever (Kaba® PowerPlex® 2000 Series)	1,132.56	74.81
		For Satin Brass Finish, Add	*17.50*	
		For Owner Furnished Material, Deduct	*-833.32*	
08 71 11 00-2330	EA	Twelve Button, Cylindrical Locking Device, Self-Powered, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® PowerPlex® 2000 Series)	1,075.08	74.81
		For Satin Brass Finish, Add	*17.50*	
		For Owner Furnished Material, Deduct	*-775.84*	
08 71 11 00-2331	EA	Twelve Button, Cylindrical Locking Device With Privacy, Self-Powered, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® PowerPlex® 2000 Series)	1,190.02	74.81
		For Satin Brass Finish, Add	*17.50*	
		For Owner Furnished Material, Deduct	*-890.78*	
08 71 11 00-2332	EA	Twelve Button, Mortise Locking Device, Self-Powered, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® PowerPlex® 2000 Series)	1,213.01	74.81
		For Satin Brass Finish, Add	*17.50*	
		For Owner Furnished Material, Deduct	*-913.77*	
08 71 11 00-2333	EA	Twelve Button, Mortise Locking Device With Deadbolt, Self-Powered, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® PowerPlex® 2000 Series)	1,247.50	74.81
		For Satin Brass Finish, Add	*17.50*	
		For Owner Furnished Material, Deduct	*-948.26*	
08 71 11 00-2334	EA	Twelve Button, Exit Trim, Self-Powered, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® PowerPlex® 2000 Series)	1,190.02	74.81
		For Satin Brass Finish, Add	*17.50*	
		For Owner Furnished Material, Deduct	*-890.78*	

08 71 11 00-2335 Electrical Pushbutton Combination Lock Accessories (Kaba® E-Plex®) *(08 71 11 00-2292)*

08 71 11 00-2336	EA	Standard Software Implementation Kit (Kaba® E-Plex®)	814.09
08 71 11 00-2337	EA	Enterprise Software Implementation Kit (Kaba® E-Plex®)	1,043.97
08 71 11 00-2338	EA	E-Plex General FIPS Software Implementation Kit (Kaba® E-Plex®)	1,388.79
08 71 11 00-2339	EA	USB FIPS/DESFire Card Reader/Enroller (Kaba® E-Plex®)	412.80
08 71 11 00-2340	EA	High Capacity Battery Kit (Kaba® E-Plex® E5x00 Series) Note: Includes 4 C-cell battery pack.	126.48
08 71 11 00-2341	EA	12-24 Volt DC Power Interface Kit (Kaba® E-Plex® E5x00 Series)	150.62

08 71 11 00-2342 Electrical Pushbutton Combination Locks (Schlage) *(08 71 11 00-2292)*

Note: ANSI/BHMA Grade 1. Satin chrome finish.

08 71 11 00-2343	EA	Class 100, Cylindrical, Classroom/Storeroom, Keypad, Sparta Lever, Standalone Electronic Lock (Schlage CO100CY70KP626BD-D)	1,034.38	74.36
		For Owner Furnished Material, Deduct	*-736.94*	
08 71 11 00-2344	EA	Class 200, Cylindrical, Classroom/Storeroom, Keypad, Sparta Lever, Standalone Electronic Lock (Schlage CO200CY70KP-D)	1,199.81	74.36
		For Owner Furnished Material, Deduct	*-902.37*	
08 71 11 00-2345	EA	Class 200, Cylindrical, Classroom/Storeroom, Magnetic Strip + Keypad, Sparta Lever, Standalone Electronic Lock (Schlage CO200CY70MSK626)	1,355.58	74.36
		For Owner Furnished Material, Deduct	*-1,058.14*	
08 71 11 00-2346	EA	Class 200, Cylindrical, Classroom/Storeroom, Keypad, Sparta Lever, Standalone Electronic Lock (Schlage AD200CY70KP626)	1,774.53	74.36
		For Owner Furnished Material, Deduct	*-1,477.09*	
08 71 11 00-2347	EA	Class 200, Cylindrical, Classroom/Storeroom, Magnetic Strip + Keypad, Sparta Lever, Standalone Electronic Lock (Schlage AD200CY70MKS626)	1,941.04	74.36
		For Owner Furnished Material, Deduct	*-1,643.60*	
08 71 11 00-2348	EA	Class 400, Cylindrical, Classroom/Storeroom, Magnetic Strip + Keypad, Sparta Lever, Networked Wireless Electronic Lock (Schlage AD400CY70MSKSPA626)	2,136.56	74.36
		For Owner Furnished Material, Deduct	*-1,839.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2349	EA	Class 300, Cylindrical, Classroom/Storeroom, Magnetic Strip + Keypad, Sparta Lever, Networked Wireless Electronic Lock (Schlage AD300CY70MSKSPA626)	1,962.53	74.36
		For Owner Furnished Material, Deduct	*-1,665.09*	

08 71 11 00-2350 Residential Locks And Latchsets *(08 71 11 00-2232)*

08 71 11 00-2351	EA	Residential Entry Lockset With Knobs (Master Keyed)	87.98	17.96
08 71 11 00-2352	EA	Residential Privacy Lockset With Knobs	86.16	17.96
08 71 11 00-2353	EA	Residential Passage Lockset With Knobs	85.92	17.96
08 71 11 00-2354	EA	Residential Dummy Lockset With Knobs	68.19	14.96
08 71 11 00-2355	EA	Residential Entry Lockset With Levers (Master Keyed)	100.52	17.96
08 71 11 00-2356	EA	Residential Privacy Lockset With Levers	96.35	17.96
08 71 11 00-2357	EA	Residential Passage Lockset With Levers	93.34	17.96
08 71 11 00-2358	EA	Residential Dummy Lockset With Levers	69.63	14.96

08 71 11 00-2359 Deadbolts *(08 71 11 00-2232)*

08 71 11 00-2360 Cylindrical Deadbolts, Grade 1, ANSI 156.5 *(08 71 11 00-2359)*

Note: 2-3/8" or 2-3/4" backset.

08 71 11 00-2361	EA	Single Cylinder Deadbolt, Key One Side, Knob One Side Note: Cylindrical, ANSI Grade 1, interchangeable core, bright brass or satin chromium finish.	196.48	29.74
		For Bright Chromium Or Oiled Rubbed Bronze Finish, Add	*4.20*	
08 71 11 00-2362	EA	Double Cylinder Deadbolt, Key Both Sides Note: Cylindrical, ANSI Grade 1, interchangeable core, bright brass or satin chromium finish.	223.29	29.74
		For Bright Chromium Or Oiled Rubbed Bronze Finish, Add	*4.20*	

08 71 11 00-2363 Cylindrical Deadbolts, Grade 2, ANSI 156.5 *(08 71 11 00-2359)*

Note: 2-3/8" or 2-3/4" backset.

08 71 11 00-2364	EA	Single Cylinder Deadbolt, Key One Side, Knob One Side Note: Cylindrical, ANSI Grade 2, interchangeable core, bright brass or satin chromium finish.	178.11	29.74
		For Bright Chromium Or Oiled Rubbed Bronze Finish, Add	*4.20*	
08 71 11 00-2365	EA	Double Cylinder Deadbolt, Key Both Sides Note: Cylindrical, ANSI Grade 2, interchangeable core, bright brass or satin chromium finish.	207.40	29.74
		For Bright Chromium Or Oiled Rubbed Bronze Finish, Add	*4.20*	

08 71 11 00-2366 Small Case Mortised Deadbolts, Grade 1, ANSI 156.5 *(08 71 11 00-2359)*

Note: Interchangeable cores with small case size, 4-1/2" x 3-1/2" nominal.

08 71 11 00-2367	EA	Small Case Mortised Deadbolt, Key One Side, Knob One Side Note: ANSI Grade 1, interchangeable cores, all finishes. Case size 4-1/2" x 3-1/2" (nominal).	254.03	29.74
08 71 11 00-2368	EA	Small Case Mortised Deadbolt, Key Both Sides Note: ANSI Grade 1, interchangeable cores, all finishes. Case size 4-1/2" x 3-1/2" (nominal). Also used for Classroom version.	278.85	29.74
08 71 11 00-2369	EA	Small Case Mortised Deadbolt, Key One Side, Cover Plate One Side Note: ANSI Grade 1, interchangeable cores, all finishes. Case size 4-1/2" x 3-1/2" (nominal).	249.06	29.74

08 71 11 00-2370 Mortised Deadbolts, Grade 1, ANSI 156.5 *(08 71 11 00-2359)*

Note: Interchangeable cores with standard case size, 4-1/2" x 6" nominal.

08 71 11 00-2371	EA	Mortised Deadbolt, Key One Side, Knob One Side Note: ANSI Grade 1, interchangeable cores, all finishes. Case size 4-1/2" x 6" (nominal).	321.55	29.74
08 71 11 00-2372	EA	Mortised Deadbolt, Key Both Sides Note: ANSI Grade 1, interchangeable cores, all finishes. Case size 4-1/2" x 6" (nominal). Also used for Classroom version.	362.26	29.74
08 71 11 00-2373	EA	Mortised Deadbolt, Key One Side, Cover Plate One Side Note: ANSI Grade 1, interchangeable cores, all finishes. Case size 4-1/2" x 6" (nominal).	286.80	29.74

08 71 11 00-2374 Surface Mounted Deadbolts *(08 71 11 00-2359)*

08 71 11 00-2375	EA	Single Cylinder Surface Mounted Deadbolt Note: Key one side, knob one side, bright brass finish.	138.10	29.74
		For Brushed Chrome Finish, Add	*10.50*	
08 71 11 00-2376	EA	Double Cylinder Surface Mounted Deadbolt Note: Key both sides, bright brass finish.	156.04	29.74
		For Brushed Chrome Finish, Add	*10.50*	
08 71 11 00-2377	EA	Single Cylinder Surface Mounted Interlocking Deadbolt Note: Jimmy proof, key one side, knob one side, bright brass finish.	170.31	29.74
		For Brushed Chrome Finish, Add	*10.50*	
08 71 11 00-2378	EA	Double Cylinder Surface Mounted Interlocking Deadbolt Note: Jimmy proof, key both sides, bright brass finish.	188.25	29.74
		For Brushed Chrome Finish, Add	*10.50*	

08 71 11 00-2379 Surface Mounted Deadlatches *(08 71 11 00-2232)*

08 71 11 00-2380	EA	Single Cylinder Surface Mounted Deadlatch Note: Key one side, knob one side, bright brass finish.	139.51	29.74
		For Brushed Chrome Finish, Add	*10.50*	
08 71 11 00-2381	EA	Single Cylinder Surface Mounted Interlocking Deadlatch Note: Jimmy proof, key one side, knob one side, bright brass finish.	170.38	29.74
		For Brushed Chrome Finish, Add	*10.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2382		**Electric Strikes** *(08 71 11 00-2232)*		
08 71 11 00-2383	EA	12/24 Volt DC, Fail Safe/Fail Secure, Aluminum/Steel Body Electric Strike (Von Duprin 5100)	376.06	59.48
08 71 11 00-2384	EA	12/24 Volt DC, Fail Secure, Dual Monitor Switch, Stainless Steel Body Electric Strike (Von Duprin 6111) Note: For rim mounted lock	1,115.34	59.48
08 71 11 00-2385	EA	12/24 Volt DC, Fail Secure, Dual Monitor Switch, Stainless Steel Body Electric Strike (Von Duprin 6112) Note: For rim mounted lock	1,065.31	59.48
08 71 11 00-2386	EA	24 Volt DC, Fail Secure, Stainless Steel Body Electric Strike (Von Duprin 6211) Note: For mortise or cylindrical locks	819.51	59.48
08 71 11 00-2387	EA	24 Volt DC, Fail Secure, Dual Monitor Switch, Stainless Steel Body Electric Strike (Von Duprin 6212) Note: For mortise or cylindrical locks	1,120.67	59.48
08 71 11 00-2388	EA	24 Volt DC, Fail Secure, Dual Monitor Switch, Stainless Steel Body Electric Strike (Von Duprin 6213) Note: For mortise or cylindrical locks	1,098.96	59.48
08 71 11 00-2389	EA	24 Volt DC, Fail Secure, Dual Monitor Switch, Stainless Steel Body Electric Strike (Von Duprin 6214) Note: For mortise or cylindrical locks	1,199.11	59.48
08 71 11 00-2390	EA	24 Volt DC, Fail Secure, Dual Monitor Switch, Stainless Steel Body Electric Strike (Von Duprin 6215) Note: For mortise or cylindrical locks	1,116.24	59.48
08 71 11 00-2391	EA	12/24 Volt DC, 3,070 LB Static Strength, Stainless Steel Body, Dual Voltage Electric Strike (HES 1006)	683.14	59.48
08 71 11 00-2392	EA	12/24 Volt DC, 3,000 LB Static Strength, Stainless Steel Body, Fire Rated Electric Strike (HES 4500)	679.09	59.48
08 71 11 00-2393	EA	12/24 Volt DC, 1,500 LB Static Strength, Steel Body, Low Profile Electric Strike (HES 5000)	330.01	59.48
08 71 11 00-2394	EA	12/24 Volt DC, 1,500 LB Static Strength, Steel Body, Adjustable Electric Strike (HES 5200)	330.01	59.48
08 71 11 00-2395	EA	12/24 Volt DC, 1,500 LB Static Strength, Cylindrical Or Rim Exit Device, Stainless Steel Body, Electric Strike With Preload (HES 7000)	424.83	59.48
08 71 11 00-2396	EA	12/24 Volt DC, 1,500 LB Static Strength, Stainless Steel Body, Cylindrical Lock Electric Strike (HES 7500)	760.17	59.48
08 71 11 00-2397	EA	12/24 Volt DC, 1,500 LB Static Strength, Stainless Steel Body, Compact Concealed Electric Strike (HES 8000)	373.93	59.48
08 71 11 00-2398	EA	12/24 Volt DC, 1,500 LB Static Strength, Stainless Steel Body, Fire Rated Compact Concealed Electric Strike (HES 8300)	698.23	59.48
08 71 11 00-2399	EA	12/24 Volt DC, 1,500 LB Static Strength, Stainless Steel Body,Fire Rated Concealed Electric Strike (HES 8500)	616.48	59.48
08 71 11 00-2400	EA	12/24 Volt DC, 1,500 LB Static Strength, Stainless Steel Body, Slim Line Surface Mounted Electric Strike (HES 9400)	731.54	78.53
08 71 11 00-2401	EA	12/24 Volt DC, 1,500 LB Static Strength, Rim Exit Device, Stainless Steel Body, Fire Rated Surface Mounted Electric Strike (HES 9500)	833.50	78.53
08 71 11 00-2402	EA	12/24 Volt DC, 1,500 LB Static Strength, Rim Exit Device, Stainless Steel Body, Surface Mounted Electric Strike (HES 9600)	732.08	78.53
08 71 11 00-2403		**Electric Hardware** *(08 71 11 00-2232)*		
08 71 11 00-2404	EA	Electrified Cylindrical Lock Option Note: Excludes the lock. This task is used in conjunction with other locks in the CTC to electrify the lock.	206.16	
08 71 11 00-2405	EA	Electrified Mortise Lock Option Note: Excludes the lock. This task is used in conjunction with other locks in the CTC to electrify the lock.	240.24	
08 71 11 00-2406	EA	24" Long, 3/8" Flexible Aluminum Conduit, Armored Power Transfer Door Loop	123.87	29.74
08 71 11 00-2407	EA	1 Ampere At 12/24 Volt DC, Door Hardware Power Supply	400.38	29.74
08 71 11 00-2408	EA	3 Amperes At 12 Volt DC, 2 Amperes At 24 Volt DC, Door Hardware Power Supply	702.65	29.74
08 71 11 00-2409	EA	4-1/2 Amperes At 12 Volt DC, 3 Amperes At 24 Volt DC, Door Hardware Power Supply	1,081.96	29.74
08 71 11 00-2410	EA	6 Amperes At 12 Volt DC, 4 Amperes At 24 Volt DC, Door Hardware Power Supply	1,196.06	29.74
08 71 11 00-2411	EA	9 Amperes At 12 Volt DC, 6 Amperes At 24 Volt DC, Door Hardware Power Supply	1,430.18	29.74
08 71 11 00-2412	EA	15 Amperes At 12 Volt DC, 10 Amperes At 24 Volt DC, Door Hardware Power Supply	1,736.90	29.74
08 71 11 00-2413		**Magnetic Locks** *(08 71 11 00-2232)*		
08 71 11 00-2414	EA	Electromagnetic Lock, 500 lb. Holding Force, Stainless Steel (Schlage 40)	847.73	142.77
08 71 11 00-2415	EA	Electromagnetic Lock, 500 lb. Holding Force, Stainless Steel (Schlage 40TJ)	1,020.47	160.62
08 71 11 00-2416	EA	Electromagnetic Lock, 1,000 lb. Holding Force, Stainless Steel (Schlage 70)	999.08	142.77
08 71 11 00-2417	EA	Electromagnetic Lock, 1,000 lb. Holding Force, Stainless Steel (Schlage 70TJ)	1,171.51	160.62
08 71 11 00-2418	EA	Electromagnetic Lock, 500 lb. Holding Force, Aluminum (Schlage M420)	1,044.00	154.67
08 71 11 00-2419	EA	Electromagnetic Lock, 1,000 lb. Holding Force, Aluminum (Schlage M450)	1,147.80	154.67
08 71 11 00-2420	EA	Electromagnetic Lock, 1500 lb. Holding Force, Aluminum (Schlage M490)	1,228.60	154.67
08 71 11 00-2421	EA	Electromagnetic Lock, 500 lb. Holding Force, Aluminum (Schlage M420P) Note: Includes magnetic bond sensor, door position switch and relock time delay.	1,347.05	178.46
08 71 11 00-2422	EA	Electromagnetic Lock, 1,000 lb. Holding Force, Aluminum (Schlage M450P) Note: Includes magnetic bond sensor, door position switch and relock time delay.	1,485.04	178.46
08 71 11 00-2423	EA	Electromagnetic Lock, 1500 lb. Holding Force, Aluminum (Schlage M490P) Note: Includes magnetic bond sensor, door position switch and relock time delay.	1,547.19	178.46
08 71 11 00-2424	EA	2 Amperes Output Current, 12-24 Volt DC, 4 Relay with Fire Alarm (Schlage PS902)	461.60	59.48
08 71 11 00-2425	EA	4 Amperes Output Current, 12-24 Volt DC, 4 Relay with Fire Alarm (Schlage PS904)	771.60	59.48
08 71 11 00-2426	EA	6 Amperes Output Current, 12-24 Volt DC, 4 Relay with Fire Alarm (Schlage PS906)	932.71	59.48
08 71 11 00-2427		**Occupancy Indicator Locks** *(08 71 11 00-2232)*		
08 71 11 00-2428	EA	Occupancy Indicator Deadbolt With Thumbturn (Schlage B571) Note: Standard finish is satin chrome	147.78	29.73
		For Bright Brass Finish, Add	*5.13*	
		For Oil Rubbed Bronze Finish, Add	*13.71*	
		For Aged Bronze Finish, Add	*5.13*	
		For Satin Nickel Finish, Add	*5.13*	
08 71 11 00-2429	EA	Occupancy Indicator Lock And Lever (Vizilok C3F) Note: Included finishes are satin chrome, satin nickel, & polished chrome. Lever on both sides	220.14	29.73
		For Oil Rubbed Bronze Finish, Add	*5.56*	
08 71 11 00-2430		**Door Coordinators** *(08 71 11)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2431	EA	32" Satin Chrome Finish, Door Coordinator (Ives COR 32" Series) Note: Satin chrome finish. Includes two mounting brackets.	522.67	37.18
		For Anodized Aluminum Finish, Deduct	*-149.58*	
08 71 11 00-2432	EA	42" Satin Chrome Finish, Door Coordinator (Ives COR 42" Series) Note: Satin chrome finish. Includes two mounting brackets.	549.05	38.67
		For Anodized Aluminum Finish, Deduct	*-157.75*	
08 71 11 00-2433	EA	52" Satin Chrome Finish, Door Coordinator (Ives COR 52" Series) Note: Satin chrome finish. Includes two mounting brackets.	561.89	40.16
		For Anodized Aluminum Finish, Deduct	*-160.51*	
08 71 11 00-2434	EA	60" Satin Chrome Finish, Door Coordinator (Ives COR 60" Series) Note: Satin chrome finish. Includes two mounting brackets.	586.44	41.64
		For Anodized Aluminum Finish, Deduct	*-167.95*	
08 71 11 00-2435	EA	72" Satin Chrome Finish, Door Coordinator (Ives COR 72" Series) Note: Satin chrome finish. Includes two mounting brackets.	629.30	43.13
		For Anodized Aluminum Finish, Deduct	*-182.72*	
08 71 11 00-2436	EA	Up To 20", Satin Chrome Finish, Filler Bar For Door Coordinator (Ives FL 20")	121.85	11.90
		For Anodized Aluminum Finish, Deduct	*-29.70*	
08 71 11 00-2437	EA	Up To 32", Satin Chrome Finish, Filler Bar For Door Coordinator (Ives FL 32")	134.09	13.39
		For Anodized Aluminum Finish, Deduct	*-32.22*	
08 71 11 00-2438	EA	Up To 44", Satin Chrome Finish, Filler Bar For Door Coordinator (Ives FL 44")	154.26	14.88
		For Anodized Aluminum Finish, Deduct	*-37.91*	
08 71 11 00-2439	EA	Satin Chrome Finish, Carry Bar For Door Coordinator (Ives CB1)	112.27	14.88
08 71 11 00-2440	EA	7" Projection COR Series Gravity Type Door Coordinator	165.83	22.30
		For Anodized Aluminum Finish, Deduct	*-30.64*	
08 71 11 00-2441	EA	9" Projection COR Series Gravity Type Door Coordinator	178.08	22.30
		For Anodized Aluminum Finish, Deduct	*-35.54*	

08 71 11 00-2442 Removal And Reinstallation Of Door Hardware *(08 71 11)*

Note: Includes storage and cleaning. Excludes removal of door where required. See CSI section 08 05 13 00-0050 for removal and reinstallation of door.

08 71 11 00-2443	EA	Removal And Reinstallation Of Door Lockset, Entrance	89.24	
08 71 11 00-2444	EA	Removal And Reinstallation Of Door Lockset, Mortise	142.77	
08 71 11 00-2445	EA	Removal And Reinstallation Of Deadbolt Lock	95.19	
08 71 11 00-2446	PR	Removal And Reinstallation Of Butts/Hinges	23.79	
08 71 11 00-2447	EA	Removal And Reinstallation Of Door Bumper	8.32	
08 71 11 00-2448	EA	Removal And Reinstallation Of Surface Mounted Panic Device	237.96	
08 71 11 00-2449	EA	Removal And Reinstallation Of Kick Plate	29.74	
08 71 11 00-2450	EA	Removal And Reinstallation Of Push Plate	23.79	
08 71 11 00-2451	EA	Removal And Reinstallation Of Surface Mounted Door Closer Or Holder	118.98	
08 71 11 00-2452	EA	Removal And Reinstallation Of Door Handles	17.86	

08 71 11 00-2453 Electromagnetic Door Release *(08 71 11)*

08 71 11 00-2454	EA	120 Volt AC, 24 Volt AC/DC, 12 Volt DC, Wall Mount, Surface Wiring, Electro-Magnetic Door Release	612.04	74.95
08 71 11 00-2455	EA	120 Volt AC, 24 Volt AC/DC, 12 Volt DC, Wall Mount, Recessed Wiring, Electro-Magnetic Door Release	596.81	74.95
08 71 11 00-2456	EA	120 Volt AC, 24 Volt AC/DC, 12 Volt DC, Adjustable, Wall Mount, Recessed Wiring, Electro-Magnetic Door Release	673.57	74.95
08 71 11 00-2457	EA	24 Volt AC/DC, High Hold, Wall Mount, Surface Or Recessed Wiring, Electro-Magnetic Door Release	1,126.68	74.95
08 71 11 00-2458	EA	24 Volt DC, Sliding Door, Electro-Magnetic Door Release	1,086.27	74.95
08 71 11 00-2459	EA	120 Volt AC, 24 Volt AC/DC, 12 Volt DC, Overhead Door, Electro-Magnetic Door Release	1,086.27	74.95
08 71 11 00-2460	EA	120 Volt AC, 24 Volt AC/DC, 12 Volt DC, Floor Mount, Single Door, Electro-Magnetic Door Release	987.45	74.95
08 71 11 00-2461	EA	120 Volt AC, 24 Volt AC/DC, 12 Volt DC, Floor Mount, Back-to-Back Door, Electro-Magnetic Door Release	1,237.31	74.95
08 71 11 00-2462	EA	Photo Electric Smoke Detector Suitable For Door Holder Release	1,174.71	74.95
08 71 11 00-2463	EA	Ionization Type Smoke Detector Suitable For Door Holder Release	1,455.98	74.95

08 71 13 Automatic Door Operators *(08 71)*

08 71 13 00-0001 Automatic Door Operators (LCN) *(08 71 13)*

08 71 13 00-0002	EA	Automatic Door Operator, Surface Mount Americans With Disabilities Act Compliant Door Operator With Arm (LCN 9131)	3,546.29	148.72
08 71 13 00-0003	EA	Automatic Door Operator, Surface Mount Americans With Disabilities Act Compliant Door Operator With Arm (LCN 9142)	3,546.29	148.72
08 71 13 00-0004	EA	Automatic Door Operator, Surface Mount Americans With Disabilities Act Compliant Pair Door Operator With Arms (LCN 9153)	6,972.48	237.96
08 71 13 00-0005	EA	Automatic Door Operator, Surface Mount Americans With Disabilities Act Compliant Door Operator With Pull Arm (LCN 9531) Note: Opens doors automatically for wheelchair access, and allows for manual operation for regular pedestrian traffic.	4,451.23	148.72
08 71 13 00-0006	EA	Automatic Door Operator, Surface Mount Americans With Disabilities Act Compliant Door Operator With Push Arm (LCN 9542) Note: Opens doors automatically for wheelchair access, and allows for manual operation for regular pedestrian traffic.	4,451.23	148.72
08 71 13 00-0007	EA	Automatic Door Operator, Surface Mount Americans With Disabilities Act Compliant Pair Door Operator with Arms (LCN 9553)	7,653.74	237.96
08 71 13 00-0008	EA	Automatic Door Operator, Surface Mount Americans With Disabilities Act Compliant Pair Door Operator with Arms (LCN 9563)	9,016.28	237.96
08 71 13 00-0009	EA	Door Position Switch (LCN 8310-805)	72.86	
08 71 13 00-0010	EA	3-Position Key Switch (LCN 8310-806K)	399.54	
08 71 13 00-0011	EA	4-3/4" x 4-3/4" Wall Mount Actuator (LCN 8310-813)	962.22	
08 71 13 00-0012	EA	1-1/2" x 4-3/4" Jamb Mount Actuator (LCN 8310-818)	212.39	
08 71 13 00-0013	EA	36" High Full Length Actuator (LCN 8310-836T)	876.93	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 13 00-0014	EA	6" Round Wall Mount Actuator (LCN 8310-852)	294.56	
08 71 13 00-0015	EA	42" x 4" x 6" Post Bollard (LCN 8310-866)	1,040.19	
08 71 13 00-0016	EA	Small Format Interchangeable Core (SFIC) Horizontal Tailpiece Rim Cylinder (Schlage 80-116-ICX)	114.53	
08 71 13 00-0017	EA	Small Format Interchangeable Core (SFIC) 7 Pin Interchangeable Core (Falcon C607)	146.21	
08 71 13 00-0018		Automatic Door Operators (Stanley) *(08 71 13)*		
08 71 13 00-0019	EA	Automatic Door Operator, Surface Mount With Key Switch (Stanley D-4990)	4,291.46	148.72
08 71 13 00-0020	EA	6" Round Stainless Steel Actuator (Stanley CL2216)	275.09	
08 71 13 00-0021	EA	Power Supply (Stanley Precision ELR151)	959.78	
08 71 13 00-0022	EA	Low Energy Door Operator, Push Side Mount Application With Standard Arm (Stanley D-4990) Note: Includes control box with conduit access, motor, operator and D-4550 door closer. Excludes electrical connections	3,131.24	118.98
08 71 13 00-0023	EA	Door Operator Free Standing Push Plate Post (Stanley CL2247) Note: Includes mounting post only	503.73	79.35
08 71 13 00-0024	EA	Dual Vestibule Push Plate Door Operator (Stanley CL2388) Note: Includes 4-3/4" Dual Vestibule Push Plate and electrical connection. Excludes junction Box	333.72	38.67
08 71 13 00-0025	EA	Jamb Mount, Push Plate Door Operator (Stanley CL2055) Note: Includes 4-3/4" Jamb Mount Push Plate and Electrical Connections. Excludes junction Box	208.15	38.67
08 71 13 00-0026	EA	Touchless Plate Door Operator (Stanley CL2025) Note: Includes Touchless Plate and Electrical Connection. Excludes junction Box	329.41	38.67
08 71 13 00-0027	EA	Door Operator Push Plate Assembly (Stanley CL4976) Note: Includes 2 Push Plates, 2 Surface Boxes, 2 Transmitters and 1 Receiver	1,123.68	58.05
08 71 13 00-0028		Miscellaneous Devices *(08 71 13)*		
08 71 13 00-0029	EA	Electric Power Transformer (Von Duprin EPT-2) For Magnetic Monitor Switches	546.02	44.62
08 71 13 00-0030	EA	Magnetic Monitor Switch, SS Finish (Von Duprin MS 764)	162.77	26.77
08 71 13 00-0031	EA	24 Volt AC, 3 Amperes, Transformer (Von Duprin PT 750)	206.46	26.77
08 71 13 00-0032	EA	Automatic Door Bottoms, Fully Mortise Cam Bottom Type To Fit 1-1/2" x 3/4" Mortise Channel At Door Bottom (National Guard Products 320S)	116.38	26.77
08 71 53		**Security Door Hardware** *(08 71)*		
08 71 53 00-0001		Door Exit Alarm Hardware *(08 71 53)*		
08 71 53 00-0002	EA	Door Or Wall Mount Exit Alarm, Audible Alarm, 9 Volt Battery Back-up (Detex EAX-500)	385.99	44.62
08 71 53 00-0003	EA	Weatherized Door Or Wall Mount Exit Alarm, Audible Alarm, 9 Volt Battery Back-up (Detex EAX-500W)	535.96	44.62
08 71 53 00-0004	EA	Door Or Wall Mount Exit Alarm, Audible Alarm, 9 Volt Battery Back-up (Detex EAX-300) Note: Door propped alarm for applications where doors may be used for egress or ingress, but may not be held or propped open. Door open times from 1 second to 4 minutes (15 second default) are field selectable.	450.05	44.62
08 71 53 00-0005	EA	Weatherized Door Or Wall Mount Exit Alarm, Audible Alarm, 9 Volt Battery Back-up (Detex EAX-300W) Note: Door propped alarm for applications where doors may be used for egress or ingress, but may not be held or propped open. Door open times from 1 second to 4 minutes (15 second default) are field selectable.	582.69	44.62
08 71 53 00-0006	EA	Wall Mount Exit Alarm, Audible Alarm, AC/DC (Detex EAX-2500)	676.11	59.48
08 71 53 00-0007	EA	Surface Mounted Magnetic Switch (Detex MS-1039S or MS-1059S) Note: For use with Detex EAX exit alarms.	118.71	59.48
08 72		**Weatherstripping, Thresholds and Seals** *(08 70)*		
08 72 33		**Weatherstripping and Seals** *(08 72)*		
08 72 33 00-0001		Weather-Stripping And Seals *(08 72 33)*		
08 72 33 00-0002		Astragals *(08 72 33 00-0001)* Note: Astragal and meeting stile seals are used to seal the gap between a pair of doors.		
08 72 33 00-0003		Adhesive Backed Astragals *(08 72 33 00-0002)*		
08 72 33 00-0004	LF	7/16" Width, 9/32" Height, Edge Mount, Single Fin, Adhesive Backed Flexible Astragal (Pemko S771)	5.59	0.90
08 72 33 00-0005	LF	1/2" Width, 3/16" Height, Edge Mount, Double Fin, Adhesive Backed Flexible Astragal (Pemko S772)	6.26	0.90
08 72 33 00-0006	LF	1-1/8" Width, 3/16" Height, Mullion Mount, Adhesive Backed Mullion Gasketing (Pemko 5110)	4.72	0.90
08 72 33 00-0007		Overlapping Astragals *(08 72 33 00-0002)*		
08 72 33 00-0008		Aluminum, Overlapping Astragals *(08 72 33 00-0007)*		
08 72 33 00-0009	LF	2" Width, 1/8" Height, Clear Anodized Aluminum, Overlapping Astragal (Pemko 357C)	21.79	5.35
		For Color Anodized Finish, Add	*3.36*	
08 72 33 00-0010		Stainless Steel, Overlapping Astragals *(08 72 33 00-0007)*		
08 72 33 00-0011	LF	2" Width, 1/8" Height, Stainless Steel, Overlapping Astragal (Pemko 357SS)	45.69	5.35
08 72 33 00-0012		"T" Astragals *(08 72 33 00-0002)*		
08 72 33 00-0013		Aluminum, "T" Astragals *(08 72 33 00-0012)*		
08 72 33 00-0014	LF	1" Width, 11/16" Height, Mill Aluminum, "T" Astragal (Pemko 359A)	13.60	5.35
		For Color Anodized Finish, Add	*1.06*	
08 72 33 00-0015	LF	Vinyl Insert, 3/4" Width, 1/4" Height, Mill Aluminum, "T" Astragal (Pemko 356AV)	17.53	5.35
		For Color Anodized Finish, Add	*1.39*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 72 33 00-0016	LF	Vinyl Or Pile Insert, 1-3/8" Width, 1/4" Height, Clear Anodized Aluminum, "T" Astragal (Pemko 355CP)	18.14	5.35
		For Color Anodized Finish, Add	*2.65*	
		For Silicone Insert, Add	*0.63*	
08 72 33 00-0017	LF	Neoprene Sponge Insert, 1-1/8" Width, 1/2" Height, Clear Anodized Aluminum, "T" Astragal (Pemko 352CR)	34.98	5.35
		For Color Anodized Finish, Add	*8.54*	
08 72 33 00-0018		**Brass/Bronze, "T" Astragals** *(08 72 33 00-0012)*		
08 72 33 00-0019	LF	Vinyl Or Pile Insert, 1-3/8" Width, 1/4" Height, Brass/Bronze, "T" Astragal (Pemko 355BP)	63.31	5.35
		For Silicone Insert, Add	*0.63*	
08 72 33 00-0020		**Locking Astragals** *(08 72 33 00-0002)*		
08 72 33 00-0021		**Outswing Locking Astragals** *(08 72 33 00-0020)*		
		Note: Includes two units. A housing containing the locking bolt which fastens to the inactive leaf and a "T" astragal with a seal that fastens to the active leaf.		
08 72 33 00-0022		**Aluminum, Outswing Locking Astragals** *(08 72 33 00-0021)*		
08 72 33 00-0023	LF	Slide Bolt, 1-1/4" Width, 3/8" Height, Clear Anodized Aluminum, Slimline Style, Outswing Locking Astragal (Pemko 3443CS)	47.38	5.35
		Note: Includes pile seal at inner door edge and neoprene bottom seal.		
		For Color Anodized Finish, Add	*7.36*	
08 72 33 00-0024	LF	Locking Springbolt, 1-1/4" Width, 3/8" Height, Clear Anodized Aluminum, Slimline Style, Outswing Locking Astragal (Pemko 3444CS)	55.27	5.35
		Note: Includes pile seal at inner door edge and neoprene bottom seal.		
		For Color Anodized Finish, Add	*8.94*	
08 72 33 00-0025	LF	Slide Bolt, 1-13/32" Width, 11/16" Height, Gold Anodized Aluminum, Colonial Style, Outswing Locking Astragal (Pemko 3445BDQ)	53.36	5.35
		Note: Includes pile seal at inner door edge and kerf-in foam bottom seal.		
		For Thermal Break, Add	*2.57*	
08 72 33 00-0026	LF	Locking Springbolt, 1-13/32" Width, 11/16" Height, Gold Anodized Aluminum, Colonial Style, Outswing Locking Astragal (Pemko 3446BDGQ)	59.77	5.35
		Note: Includes pile seal at inner door edge and kerf-in foam bottom seal.		
		For Thermal Break, Add	*2.95*	
08 72 33 00-0027		**Inswing Locking Astragals** *(08 72 33 00-0020)*		
		Note: Includes one unit containing the locking bolt and astragal with seal, which fastens to the inactive leaf.		
08 72 33 00-0028		**Wood, Inswing Locking Astragals** *(08 72 33 00-0027)*		
08 72 33 00-0029	LF	Flush Bolt, 1-1/4" Width, 1/2" Height, Wood, Inswing Locking Astragal (Pemko 34832)	55.76	5.35
08 72 33 00-0030	LF	Flush Bolt, 1-1/4" Width, 1-3/16" Height, Wood, Inswing Locking Astragal (Pemko 3481Q)	55.47	5.35
		Note: Includes kerf-in foam seal.		
08 72 33 00-0031		**Aluminum, Inswing Locking Astragals** *(08 72 33 00-0027)*		
08 72 33 00-0032	LF	Slide Bolt, 1-3/8" Width, 9/32" Height, Clear Anodized Aluminum, Slimline Style, Inswing Locking Astragal (Pemko 3493CV)	30.85	5.35
		Note: Includes pile seal at inner door edge and neoprene bottom seal.		
		For Silicone Insert, Add	*0.63*	
		For Color Anodized Finish, Add	*4.05*	
08 72 33 00-0033	LF	Locking Springbolt, 1-3/8" Width, 9/32" Height, Clear Anodized Aluminum, Slimline Style, Inswing Locking Astragal (Pemko 3494CV)	37.44	5.35
		Note: Includes pile seal at inner door edge and neoprene bottom seal.		
		For Silicone Insert, Add	*0.63*	
		For Color Anodized Finish, Add	*5.37*	
08 72 33 00-0034	LF	Slide Bolt, 1-13/32" Width, 3/4" Height, Clear Anodized Aluminum, Colonial Style, Inswing Locking Astragal (Pemko 3495CQ)	33.34	5.35
		Note: Includes pile seal at inner door edge and kerf-in foam bottom seal.		
		For Magnetic Kerf-In Insert, Add	*0.47*	
		For Color Anodized Finish, Add	*4.55*	
08 72 33 00-0035	LF	Locking Springbolt, 1-13/32" Width, 3/4" Height, Clear Anodized Aluminum, Colonial Style, Inswing Locking Astragal (Pemko 3496CQ)	39.88	5.35
		Note: Includes pile seal at inner door edge and kerf-in foam bottom seal.		
		For Magnetic Kerf-In Insert, Add	*0.47*	
		For Color Anodized Finish, Add	*5.86*	
08 72 33 00-0036		**Security Astragals** *(08 72 33 00-0002)*		
08 72 33 00-0037	LF	Vinyl Seal, 1/2" Thick Cam, 1-3/4" Width, Clear Anodized Aluminum, Security Astragal (Pemko 378C)	28.65	5.35
		For Color Anodized Finish, Add	*18.07*	
08 72 33 00-0038	LF	2-1/4" Width, 10 Gauge Galvanized Steel, Offset Security Bar, Security Astragal (Pemko 3572SP)	49.41	5.35
08 72 33 00-0039		**Meeting Stile Astragals** *(08 72 33 00-0002)*		
08 72 33 00-0040		**One Piece, Meeting Stile Astragals** *(08 72 33 00-0039)*		
		Note: Includes an astragal for one door only.		
08 72 33 00-0041	LF	1/4" Vinyl Or Pile Insert, 5/32" Width, 13/32" Height, Surface/Mortise Mount, Clear Anodized Aluminum, One Piece, Meeting Stile Astragal (Pemko 369AP)	17.30	5.35
		For Color Anodized Finish, Add	*2.02*	
08 72 33 00-0042	LF	1/4" Neoprene Loop Insert, 7/16" Width, 3/4" Height, Surface/Mortise Mount, Mill Aluminum, One Piece, Meeting Stile Astragal (Pemko 313AN)	27.10	7.97
		For Color Anodized Finish, Add	*4.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 72 33 00-0043	LF	9/16" Neoprene Loop Insert, 3/4" Width, 1-3/8" Height, Surface/Mortise Mount, Clear Anodized Aluminum, One Piece, Meeting Stile Astragal (Pemko 314CN)	36.85	7.97
		For Color Anodized Finish, Add	*2.10*	
08 72 33 00-0044	LF	15/16" Neoprene Loop Insert, 1-1/8" Width, 1-3/4" Height, Surface/Mortise Mount, Clear Anodized Aluminum, One Piece, Meeting Stile Astragal (Pemko 358CN)	38.10	7.97
		For Color Anodized Finish, Add	*5.55*	
08 72 33 00-0045	LF	1/8" Width, 1-1/2" Height, Side Mount, Spring Bronze, One Piece, Meeting Stile Astragal (Pemko B71)	39.67	7.97
08 72 33 00-0046		**Two Piece, Meeting Stile Split Astragals** *(08 72 33 00-0039)*		
		Note: Includes one astragal for each door.		
08 72 33 00-0047	LF	1/4" Vinyl Insert, 13/16" Width, 1/4" Height, Face Mount, Mill Aluminum, Two Piece, Meeting Stile Split Astragals (Pemko 297AV)	21.04	7.97
		For Silicone Insert, Add	*0.95*	
		For Color Anodized Finish, Add	*5.15*	
08 72 33 00-0048	LF	1/4" Vinyl Insert, 11/16" Width, 1/4" Height, Face Mount, Mill Aluminum, Two Piece, Meeting Stile Split Astragals (Pemko 316AV)	21.04	7.97
		For Color Anodized Finish, Add	*5.15*	
08 72 33 00-0049	LF	1/4" Vinyl Insert, 7/8" Width, 1/4" Height, Face Mount, Mill Aluminum, Two Piece, Meeting Stile Split Astragals (Pemko 303AV)	21.04	7.97
		For Silicone Insert, Add	*0.95*	
		For Color Anodized Finish, Add	*5.15*	
08 72 33 00-0050	LF	3/8" Neoprene Insert, 7/8" Width, 3/16" Height, Face Mount, Clear Anodized Aluminum, Two Piece, Meeting Stile Split Astragals (Pemko 305CN)	34.72	7.97
		For Silicone Insert, Add	*0.63*	
		For Color Anodized Finish, Add	*3.77*	
08 72 33 00-0051	LF	3/8" Brush Insert, 3/4" Width, 1/4" Height, Face Mount, Clear Anodized Aluminum, Two Piece, Meeting Stile Split Astragals (Pemko 18041CNB)	27.99	7.97
		For Color Anodized Finish, Add	*4.84*	
08 72 33 00-0052	LF	5/8" Brush Insert, 3/4" Width, 1/4" Height, Face Mount, Clear Anodized Aluminum, Two Piece, Meeting Stile Split Astragals (Pemko 18061CNB)	28.89	7.97
		For Color Anodized Finish, Add	*5.20*	
08 72 33 00-0053	LF	3/16" Vinyl Or Pile Insert, 3/4" Width, 3/8" Height, Face Mount, Clear Anodized Aluminum, Two Piece, Meeting Stile Split Astragals With Concealed Fasteners (Pemko 29310CV)	35.61	7.97
		For Color Anodized Finish, Add	*9.86*	
		For Silicone Insert, Add	*0.95*	
08 72 33 00-0054	LF	3/8" Brush Insert, 7/8" Width, 1/4" Height, Face Mount, Clear Anodized Aluminum, Two Piece, Meeting Stile Split Astragals With Concealed Fasteners (Pemko 29324CNB)	36.51	7.97
		For Color Anodized Finish, Add	*8.25*	
08 72 33 00-0055	LF	5/8" Brush Insert, 7/8" Width, 1/4" Height, Face Mount, Clear Anodized Aluminum, Two Piece, Meeting Stile Split Astragals With Concealed Fasteners (Pemko 29326CNB)	37.41	7.97
		For Color Anodized Finish, Add	*8.61*	
08 72 33 00-0056		**Two Piece, Adjustable Meeting Stile Split Astragals** *(08 72 33 00-0039)*		
		Note: Includes one astragal for each door.		
08 72 33 00-0057		**Aluminum, Two Piece, Meeting Stile Adjustable Split Astragals** *(08 72 33 00-0056)*		
08 72 33 00-0058	LF	3/8" Vinyl Or Pile Insert, 21/32" Width, 9/16" Height, Face Mount, Clear Anodized Aluminum, Two Piece, Meeting Stile Adjustable Split Astragals (Pemko 354CP)	69.23	7.97
		For Color Anodized Finish, Add	*13.34*	
		For Silicone Insert, Add	*0.63*	
08 72 33 00-0059	LF	3/8" Vinyl Or Pile Insert, 1" Width, 9/16" Height, Face Mount, Clear Anodized Aluminum, Two Piece, Meeting Stile Adjustable Split Astragals (Pemko 351CP)	70.64	7.97
		For Silicone Insert, Add	*0.63*	
		For Color Anodized Finish, Add	*10.95*	
08 72 33 00-0060		**Brass/Bronze, Two Piece, Meeting Stile Adjustable Split Astragals** *(08 72 33 00-0056)*		
08 72 33 00-0061	LF	3/8" Vinyl Or Pile Insert, 21/32" Width, 9/16" Height, Mortise Mount, Brass/Bronze, Two Piece, Meeting Stile Adjustable Split Astragals (Pemko 354BP)	194.47	7.97
		For Silicone Insert, Add	*0.63*	
08 72 33 00-0062	LF	3/8" Vinyl Or Pile Insert, 1" Width, 9/16" Height, Face Mount, Brass/Bronze, Two Piece, Meeting Stile Adjustable Split Astragals (Pemko 351BP)	181.98	7.97
		For Silicone Insert, Add	*0.63*	
08 72 33 00-0063		**Door Sweeps** *(08 72 33 00-0001)*		
08 72 33 00-0064		**Tack On Door Sweeps** *(08 72 33 00-0063)*		
08 72 33 00-0065	LF	For Sealing Up To 3/4" Gap, Side Mount, Vinyl Tack On Door Sweep (Pemko V365)	7.53	2.98
08 72 33 00-0066	LF	For Sealing Up To 5/8" Gap, Bottom Mount, Rubber Tack On Door Sweep (Pemko R364)	7.66	2.98
08 72 33 00-0067	LF	For Sealing Up To 1-3/8" Gap, Bottom Mount, Vinyl Tack On Door Sweep (Pemko P361V)	8.06	2.98
08 72 33 00-0068		**Aluminum Retainer Door Sweeps** *(08 72 33 00-0063)*		
08 72 33 00-0069		**35 Degree, Aluminum Retainer Door Sweeps** *(08 72 33 00-0068)*		
		Note: The retainer mounts to the door face with the sweep positioned 35 degrees from the door. Includes clear anodized finish.		
08 72 33 00-0070	LF	5/16" Brush Insert, 35 Degree, Aluminum Retainer Door Sweep (Pemko 35041CNB)	18.39	5.95
		For Color Anodized Finish, Add	*2.60*	
08 72 33 00-0071	LF	1/2" Brush Insert, 35 Degree, Aluminum Retainer Door Sweep (Pemko 35061CNB)	19.06	5.95
		For Color Anodized Finish, Add	*2.51*	

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08 72 33 00-0072		45 Degree, Aluminum Retainer Door Sweeps *(08 72 33 00-0068)*		
		Note: The retainer mounts to the door face with the sweep positioned 45 degrees from the door. Includes clear anodized finish.		
08 72 33 00-0073	LF	1-3/4" Brush Insert, 45 Degree, Aluminum Retainer Door Sweep (Pemko 45175CNB)	29.82	5.95
		For Color Anodized Finish, Add	*7.17*	
08 72 33 00-0074	LF	2-1/2" Brush Insert, 45 Degree, Aluminum Retainer Door Sweep (Pemko 45250CNB)	32.51	5.95
		For Color Anodized Finish, Add	*8.25*	
08 72 33 00-0075	LF	4" Brush Insert, 45 Degree, Aluminum Retainer Door Sweep (Pemko 45400CNB)	38.34	5.95
		For Color Anodized Finish, Add	*10.58*	
08 72 33 00-0076		90 Degree, Aluminum Retainer Door Sweeps *(08 72 33 00-0068)*		
		Note: The retainer mounts to the door bottom with the sweep positioned perpendicular to the threshold. Includes clear anodized finish.		
08 72 33 00-0077	LF	3/8" Brush Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 90041CNB)	20.63	5.95
		For Color Anodized Finish, Add	*0.87*	
08 72 33 00-0078	LF	5/8" Brush Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 90062CNB)	20.41	5.95
		For Color Anodized Finish, Add	*0.85*	
08 72 33 00-0079	LF	1" Brush Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 90100CNB)	21.98	5.95
		For Color Anodized Finish, Add	*3.53*	
08 72 33 00-0080	LF	1-3/8" Brush Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 90137CNB)	22.65	5.95
		For Color Anodized Finish, Add	*4.30*	
08 72 33 00-0081	LF	7/16" Neoprene Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 315CN)	19.96	5.95
		For Color Anodized Finish, Add	*2.02*	
08 72 33 00-0082	LF	11/16" Neoprene Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 368CN)	26.23	5.95
		For Color Anodized Finish, Add	*2.87*	
08 72 33 00-0083	LF	15/16" Neoprene Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 321CN)	21.30	5.95
		For Color Anodized Finish, Add	*1.88*	
08 72 33 00-0084	LF	9/16" Vinyl Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 308AV)	15.42	5.95
		Note: Includes mill finish.		
		For Color Anodized Finish, Add	*1.77*	
08 72 33 00-0085	LF	1" Vinyl Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 307AV)	15.59	5.95
		Note: Includes mill finish.		
		For Color Anodized Finish, Add	*1.85*	
08 72 33 00-0086	LF	1-9/16" Vinyl Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 56AV)	17.49	5.95
		Note: Includes mill finish.		
		For Color Anodized Finish, Add	*1.96*	
08 72 33 00-0087		180 Degree, Aluminum Retainer Door Sweeps *(08 72 33 00-0068)*		
		Note: The retainer mounts to the door face with the sweep positioned perpendicular to the threshold. Includes clear anodized finish.		
08 72 33 00-0088		180 Degree, Aluminum Retainer Door Sweeps *(08 72 33 00-0087)*		
08 72 33 00-0089	LF	3/8" Brush Insert, 180 Degree, Aluminum Retainer Door Sweep (Pemko 18041CNB)	17.94	5.95
		For Color Anodized Finish, Add	*2.42*	
08 72 33 00-0090	LF	5/8" Brush Insert, 180 Degree, Aluminum Retainer Door Sweep (Pemko 18061CNB)	18.39	5.95
		For Color Anodized Finish, Add	*2.60*	
08 72 33 00-0091	LF	1" Brush Insert, 180 Degree, Aluminum Retainer Door Sweep (Pemko 18100CNB)	21.98	5.95
		For Color Anodized Finish, Add	*3.53*	
08 72 33 00-0092		180 Degree, Concealed Fastener, Aluminum Retainer Door Sweeps *(08 72 33 00-0087)*		
08 72 33 00-0093	LF	3/8" Brush Insert, 180 Degree, Concealed Fastener, Aluminum Retainer Door Sweep (Pemko 29324CNB)	22.20	5.95
		For Color Anodized Finish, Add	*4.12*	
08 72 33 00-0094	LF	5/8" Brush Insert, 180 Degree, Concealed Fastener, Aluminum Retainer Door Sweep (Pemko 29326CNB)	22.65	5.95
		For Color Anodized Finish, Add	*4.30*	
08 72 33 00-0095	LF	1" Brush Insert, 180 Degree, Concealed Fastener, Aluminum Retainer Door Sweep (Pemko 293100CNB)	24.53	5.95
		For Color Anodized Finish, Add	*5.06*	
08 72 33 00-0096		Mortised, Aluminum Retainer Door Sweeps *(08 72 33 00-0068)*		
		Note: The retainer is mortised into the door bottom with the sweep positioned perpendicular to the threshold. Includes mill finish. Excludes mortising.		
08 72 33 00-0097	LF	1/4" Brush Insert, Mortised, Aluminum Retainer Door Sweep (Pemko 5025ASB)	15.92	5.95
08 72 33 00-0098	LF	13/32" Brush Insert, Mortised, Aluminum Retainer Door Sweep (Pemko 5041ANB)	15.92	5.95
08 72 33 00-0099	LF	5/8" Brush Insert, Mortised, Aluminum Retainer Door Sweep (Pemko 5061ANB)	16.15	5.95
08 72 33 00-0100		Aluminum Retainer Door Sweeps With Rain Drip *(08 72 33 00-0063)*		
08 72 33 00-0101		90 Degree, Aluminum Retainer Door Sweeps With Rain Drip *(08 72 33 00-0100)*		
		Note: The retainer mounts to the door bottom with the sweep positioned perpendicular to the threshold. Includes mill finish.		
08 72 33 00-0102	LF	1/4" Vinyl Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 3452AV)	15.48	5.95
		For Color Anodized Finish, Add	*2.51*	
08 72 33 00-0103	LF	1/2" Vinyl Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 345AV)	18.39	5.95
		For Color Anodized Finish, Add	*2.60*	
08 72 33 00-0104	LF	3/8" Brush Insert, 90 Degree, Aluminum Retainer Door Sweeps With Rain Drip (Pemko 3452CNB)	20.57	5.95
		Note: Includes clear anodized finish.		
		For Color Anodized Finish, Add	*1.74*	

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08 72 33 00-0105	LF	7/16" Brush Insert, 90 Degree, Aluminum Retainer Door Sweeps With Rain Drip (Pemko 345ANB)	20.97	5.95
		For Color Anodized Finish, Add	*1.82*	
08 72 33 00-0106		**Brass/Bronze Retainer Door Sweeps** *(08 72 33 00-0063)*		
08 72 33 00-0107		**90 Degree, Brass/Bronze Retainer Door Sweeps** *(08 72 33 00-0106)*		
		Note: The retainer mounts to the door bottom with the sweep positioned perpendicular to the threshold.		
08 72 33 00-0108	LF	7/16" Neoprene Insert, 90 Degree, Brass/Bronze Retainer Door Sweep (Pemko 315BN)	25.34	5.95
08 72 33 00-0109		**Oak Retainer Door Sweeps** *(08 72 33 00-0063)*		
08 72 33 00-0110		**90 Degree, Oak Retainer Door Sweeps** *(08 72 33 00-0109)*		
		Note: The retainer mounts to the door bottom with the sweep positioned perpendicular to the threshold.		
08 72 33 00-0111	LF	9/16" Brush Insert, 90 Degree, Oak Retainer Door Sweep (Pemko 18062WNB)	20.18	5.95
08 72 33 00-0112	LF	15/16" Brush Insert, 90 Degree, Oak Retainer Door Sweep (Pemko 18100WNB)	23.72	5.95
08 72 33 00-0113		**Door Shoes And Bottoms** *(08 72 33 00-0001)*		
08 72 33 00-0114		**Door Shoes** *(08 72 33 00-0113)*		
08 72 33 00-0115		**Aluminum Retainer Door Shoes** *(08 72 33 00-0114)*		
08 72 33 00-0116		**Bottom Mount, Aluminum Retainer Door Shoes** *(08 72 33 00-0115)*		
08 72 33 00-0117	LF	Vinyl Insert, 1-3/16" Width, Bottom Mount, Aluminum Retainer Door Shoe (Pemko 234AV)	17.27	5.95
		For Color Anodized Finish, Add	*2.15*	
		For Thermo-Plastic Elastomer Insert, Add	*0.68*	
08 72 33 00-0118	LF	Vinyl Insert, 1-3/8" Width, Bottom Mount, Aluminum Retainer Door Shoe (Pemko 209AV)	17.94	5.95
		For Color Anodized Finish, Add	*2.42*	
08 72 33 00-0119	LF	Notched Vinyl Insert, 1-3/16" Width, Bottom Mount, Aluminum Retainer Door Shoe (Pemko 2343AV)	24.44	5.95
		For Color Anodized Finish, Add	*2.51*	
08 72 33 00-0120		**Side Mount, Aluminum Retainer Door Shoes** *(08 72 33 00-0115)*		
08 72 33 00-0121	LF	Vinyl Insert, 1-3/4" Width, Side Mount, Aluminum Retainers Door Shoe (Pemko 318AV)	20.18	5.95
		For Color Anodized Finish, Add	*3.32*	
		For Thermo-Plastic Elastomer Insert, Add	*0.68*	
08 72 33 00-0122		**L Or U Shaped, Aluminum Retainer Door Shoes** *(08 72 33 00-0115)*		
08 72 33 00-0123	LF	Vinyl Insert, 1-1/4" Width, L-Shaped, Aluminum Retainer Door Shoe (Pemko 211AV)	18.39	5.95
		For Color Anodized Finish, Add	*3.25*	
		For Thermo-Plastic Elastomer Insert, Add	*0.42*	
08 72 33 00-0124	LF	Vinyl Insert, 1-3/8" Width, U-Shaped, Aluminum Retainer Door Shoe (Pemko 220AV)	19.73	5.95
		For Color Anodized Finish, Add	*3.14*	
		For Thermo-Plastic Elastomer Insert, Add	*0.42*	
08 72 33 00-0125	LF	Vinyl Insert, 1-3/4" Width, U-Shaped, Aluminum Retainer Door Shoe (Pemko 217AV)	20.18	5.95
		For Color Anodized Finish, Add	*3.32*	
		For Thermo-Plastic Elastomer Insert, Add	*0.42*	
08 72 33 00-0126	LF	Notched Vinyl Insert, 1-5/16" Width, L-Shaped, Aluminum Retainer Door Shoe (Pemko 2113AV)	29.30	5.95
		For Color Anodized Finish, Add	*3.48*	
08 72 33 00-0127	LF	Notched Vinyl Insert, 1-3/4" Width, U-Shaped, Aluminum Retainer Door Shoe (Pemko 2173AV)	29.75	5.95
		For Color Anodized Finish, Add	*3.57*	
08 72 33 00-0128		**L Or U Shaped With Rain Drip, Aluminum Retainer Door Shoes** *(08 72 33 00-0115)*		
08 72 33 00-0129	LF	Vinyl Insert, 1-1/4" Width, L-Shaped With Rain Drip, Aluminum Retainer Door Shoe (Pemko 210AV)	18.84	5.95
		For Color Anodized Finish, Add	*3.48*	
		For Thermo-Plastic Elastomer Insert, Add	*0.42*	
08 72 33 00-0130	LF	Vinyl Insert, 1-3/8" Width, U-Shaped With Rain Drip, Aluminum Retainer Door Shoe (Pemko 215AV)	20.18	5.95
		For Color Anodized Finish, Add	*3.32*	
		For Thermo-Plastic Elastomer Insert, Add	*0.42*	
08 72 33 00-0131	LF	Vinyl Insert, 1-3/4" Width, U-Shaped With Rain Drip, Aluminum Retainer Door Shoe (Pemko 216AV)	20.41	5.95
		For Color Anodized Finish, Add	*3.41*	
		For Thermo-Plastic Elastomer Insert, Add	*0.42*	
08 72 33 00-0132		**Vinyl Door Shoes** *(08 72 33 00-0114)*		
08 72 33 00-0133	LF	1-3/4" Width, L-Shaped, Vinyl Door Shoe (Pemko V80)	23.22	5.95
08 72 33 00-0134	LF	1-3/4" Width, U-Shaped, Vinyl Door Shoe (Pemko 2170DV)	28.33	5.95
08 72 33 00-0135		**Door Bottoms** *(08 72 33 00-0113)*		
08 72 33 00-0136		**Automatic Door Bottoms** *(08 72 33 00-0135)*		
08 72 33 00-0137		**Aluminum Automatic Door Bottoms** *(08 72 33 00-0136)*		
08 72 33 00-0138	LF	Sponge Neoprene Insert, 9/16" Width, 1-7/8" Height, Surface/Mortise Mount, Aluminum Retainer, Automatic Door Bottom (Pemko 4131CRL)	41.41	5.95
		For Color Anodized Finish, Add	*5.90*	

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08 72 33 00-0139	LF	Sponge Neoprene Insert, 31/32" Width, 2-1/8" Height, Surface/Mortise Mount, Aluminum Retainer, Automatic Door Bottom (Pemko 4301CRL)	59.88	5.95
		For Color Anodized Finish, Add	*9.60*	
08 72 33 00-0140		**Door Top Protection** *(08 72 33 00-0001)*		
08 72 33 00-0141	LF	Aluminum, Door Top Cover For 1-3/8" Wood Doors (Pemko PA343)	14.43	4.76
		For Dark Bronze Or Gold Anodized Aluminum Or Painted White, Add	*1.35*	
08 72 33 00-0142	LF	Aluminum, Door Top Cover For 1-3/4" Wood Doors (Pemko PA344)	14.43	4.76
		For Dark Bronze Or Gold Anodized Aluminum Or Painted White, Add	*1.35*	
08 72 33 00-0143	LF	2-1/2" Aluminum Overhead Rain Drip With Slotted Holes (Pemko 346C)	18.16	4.76
		For Dark Bronze Or Gold Anodized Aluminum Or Painted White, Add	*2.37*	
08 72 33 00-0144	EA	For 20 Oz Copper Drip Cap For Exterior Door	65.51	
08 72 33 00-0145		**Perimeter Gasketing Weather-Strip** *(08 72 33 00-0001)*		
		Note: Perimeter gasketing is used to seal the gap around the top and the two sides of a door assembly.		
08 72 33 00-0146		**Adhesive Backed Perimeter Gasketing Weather-Strip** *(08 72 33 00-0145)*		
08 72 33 00-0147	LF	3/8" x 3/16", Silicon Compression Bulb, Adhesive Backed Perimeter Gasketing Weather-Strip (Pemko PK33)	4.57	2.98
		For Intumescent Seal, Add	*1.50*	
08 72 33 00-0148	LF	1/2" x 3/16", Silicon Compression Bulb, Adhesive Backed Perimeter Gasketing Weather-Strip (Pemko PK55)	4.62	2.98
		For Intumescent Seal, Add	*1.50*	
08 72 33 00-0149	LF	1/2" x 1/4", Silicon Compression Bulb, Adhesive Backed Perimeter Gasketing Weather-Strip (Pemko S88)	6.05	2.98
08 72 33 00-0150	LF	7/16" x 5/16", Silicone Single Fin, Adhesive Backed Perimeter Gasketing Weather-Strip (Pemko S44)	5.05	2.98
08 72 33 00-0151	LF	5/16" x 1/2", Silicone Single Fin, Adhesive Backed Perimeter Gasketing Weather-Strip (Pemko S77)	6.79	2.98
		For Intumescent Seal, Add	*1.50*	
08 72 33 00-0152	LF	1/2" x 3/8", Silicone Triple Fin, Hospitality, Adhesive Backed Perimeter Gasketing Weather-Strip (Pemko S773)	6.27	2.98
		For Intumescent Seal, Add	*1.50*	
08 72 33 00-0153	LF	7/16" x 5/16", Intumescent And Silicone Single Fin, Adhesive Backed Perimeter Gasketing Weather-Strip (Pemko HSS2000xS44)	8.42	2.98
08 72 33 00-0154	LF	1/2" x 1/4", Intumescent And Silicon Compression Bulb, Adhesive Backed Perimeter Gasketing Weather-Strip (Pemko HSS2000xS88)	7.75	2.98
08 72 33 00-0155		**Kerf-In Perimeter Gasketing Weather-Strip** *(08 72 33 00-0145)*		
08 72 33 00-0156	LF	3/8" x 1/4" Silicone Bulb, Kerf-In Perimeter Gasketing Weather-Strip (Pemko P50)	4.02	2.98
08 72 33 00-0157	LF	7/16" x 3/8" Silicone Bulb, Kerf-In Perimeter Gasketing Weather-Strip (Pemko S52)	6.22	2.98
08 72 33 00-0158	LF	3/8" Foam, Kerf-In Perimeter Gasketing Weather-Strip (Pemko Q103)	4.56	2.98
08 72 33 00-0159	LF	5/8" Foam, Kerf-In Perimeter Gasketing Weather-Strip (Pemko Q102)	4.49	2.98
08 72 33 00-0160	LF	3/8" Magnetic, Kerf-In Perimeter Gasketing Weather-Strip (Pemko MAG349)	5.99	2.98
08 72 33 00-0161		**Cushion/Spring Perimeter Gasketing Weather-Strip** *(08 72 33 00-0145)*		
08 72 33 00-0162		**Spring Bronze Perimeter Gasketing Weather-Strip** *(08 72 33 00-0161)*		
08 72 33 00-0163	LF	1-1/8" Spring Bronze Perimeter Gasketing Weather-Strip (Pemko B70C)	9.36	2.98
08 72 33 00-0164	LF	1-1/4" Spring Bronze Perimeter Gasketing Weather-Strip (Pemko B70D)	9.36	2.98
08 72 33 00-0165	LF	1-3/8" Spring Bronze Perimeter Gasketing Weather-Strip (Pemko B70E)	10.04	2.98
08 72 33 00-0166	LF	1-1/2" Spring Bronze Perimeter Gasketing Weather-Strip (Pemko B70F)	10.18	2.98
08 72 33 00-0167		**Cushion "V", Spring Bronze Perimeter Gasketing Weather-Strip** *(08 72 33 00-0161)*		
08 72 33 00-0168	LF	5/8" Cushion "V", Spring Bronze Perimeter Gasketing Weather-Strip (Pemko B73)	8.99	2.98
08 72 33 00-0169	LF	7/8" Cushion "V", Spring Bronze Perimeter Gasketing Weather-Strip (Pemko B74)	10.04	2.98
08 72 33 00-0170	LF	1-1/8" Cushion "V", Spring Bronze Perimeter Gasketing Weather-Strip (Pemko B75)	11.19	2.98
08 72 33 00-0171		**Aluminum Retainer, Perimeter Gasketing Weather-Strip** *(08 72 33 00-0145)*		
08 72 33 00-0172		**Aluminum Retainer, Perimeter Gasketing Weather-Strip** *(08 72 33 00-0171)*		
08 72 33 00-0173	LF	1/4" Vinyl Insert, 13/16" Width, 1/4" Height, Mill Aluminum Retainer, Perimeter Gasketing Weather-Strip (Pemko 297AV)	8.53	2.98
		For Silicone Insert, Add	*0.95*	
		For Color Anodized Finish, Add	*2.58*	
08 72 33 00-0174	LF	1/4" Vinyl Insert, 11/16" Width, 1/4" Height, Mill Aluminum Retainer, Perimeter Gasketing Weather-Strip (Pemko 316AV)	8.53	2.98
		For Silicone Insert, Add	*0.95*	
		For Color Anodized Finish, Add	*2.58*	
08 72 33 00-0175	LF	1/4" Vinyl Insert, 7/8" Width, 1/4" Height, Mill Aluminum Retainer, Perimeter Gasketing Weather-Strip (Pemko 303AV)	8.53	2.98
		For Silicone Insert, Add	*0.95*	
		For Color Anodized Finish, Add	*2.58*	
08 72 33 00-0176	LF	3/8" Neoprene Insert, 7/8" Width, 3/16" Height, Clear Anodized Aluminum Retainer, Perimeter Gasketing Weather-Strip (Pemko 305CN)	15.36	2.98
		For Silicone Insert, Add	*0.63*	
		For Color Anodized Finish, Add	*1.88*	
08 72 33 00-0177	LF	3/16" Vinyl Or Pile Insert, 3/4" Width, 3/8" Height, Clear Anodized Aluminum Retainer, Perimeter Gasketing Weather-Strip With Concealed Fasteners (Pemko 29310CV)	15.81	2.98
		For Color Anodized Finish, Add	*4.93*	
		For Silicone Insert, Add	*0.95*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	08 72 33 00-0178	LF	Neoprene Sponge Insert, 1-5/8" Width, 7/16" Height, Clear Anodized Aluminum Retainer, Perimeter Gasketing Weather-Strip (Pemko 375CR)	15.81	2.98
			For Color Anodized Finish, Add	*3.45*	
	08 72 33 00-0179		Heavy Duty, Aluminum Retainer, Perimeter Gasketing Weather-Strip *(08 72 33 00-0171)*		
	08 72 33 00-0180		Standard Jamb, Heavy Duty, Aluminum Retainer, Perimeter Gasketing Weather-Strip *(08 72 33 00-0179)*		
	08 72 33 00-0181	LF	1/4" Vinyl Insert, 1-1/2" Width, 1/4" Height, Standard Jamb, Heavy Duty, Mill Aluminum Retainer, Perimeter Gasketing Weather-Strip (Pemko 290AV)	15.03	2.98
			For Silicone Insert, Add	*0.95*	
	08 72 33 00-0182		Head Section, Heavy Duty, Aluminum Retainer, Perimeter Gasketing Weather-Strip *(08 72 33 00-0179)*		
	08 72 33 00-0183	LF	1/4" Vinyl Insert, 1-1/2" Width, 1/4" Height, Head Section, Heavy Duty, Mill Aluminum Retainer, Perimeter Gasketing Weather-Strip (Pemko 2891AV)	16.80	2.98
	08 72 33 00-0184		Brass/Bronze Retainer, Perimeter Gasketing Weather-Strip *(08 72 33 00-0145)*		
	08 72 33 00-0185		Brass/Bronze Retainer, Perimeter Gasketing Weather-Strip *(08 72 33 00-0184)*		
	08 72 33 00-0186	LF	3/8" Neoprene Insert, 7/8" Width, 3/16" Height, Brass/Bronze Retainer, Perimeter Gasketing Weather-Strip (Pemko 305BR)	26.42	2.98
			For Silicone Insert, Add	*1.58*	
	08 72 33 00-0187	LF	Neoprene Sponge Insert, 1-5/8" Width, 7/16" Height, Brass/Bronze Retainer, Perimeter Gasketing Weather-Strip (Pemko 375BR)	44.76	2.98
	08 72 33 00-0188		Heavy Duty, Brass/Bronze Retainer, Perimeter Gasketing Weather-Strip *(08 72 33 00-0184)*		
	08 72 33 00-0189		Standard Jamb, Heavy Duty, Brass/Bronze Retainer, Perimeter Gasketing Weather-Strip *(08 72 33 00-0188)*		
	08 72 33 00-0190	LF	1/4" Vinyl Insert, 1-1/2" Width, 1/4" Height, Standard Jamb, Heavy Duty, Brass/Bronze Retainer, Perimeter Gasketing Weather-Strip (Pemko 290BV)	38.66	2.98
			For Silicone Insert, Add	*0.63*	
	08 72 33 00-0191		Aluminum Interlock, Perimeter Gasketing Weather-Strip *(08 72 33 00-0145)*		
	08 72 33 00-0192	LF	Side Mount, Mill Aluminum, Interlock Perimeter Gasketing Weather-Strip (Pemko 335AR, 336A) Note: For weather-stripping latch or hinge side of door. Includes aluminum interlocking devices for door and door frame.	21.17	5.95
			For Color Anodized Finish, Add	*3.71*	
	08 72 33 00-0193	LF	Top Mount, Mill Aluminum, Interlock Perimeter Gasketing Weather-Strip (Pemko 347A, 68AR) Note: For weather-stripping the top of doors. Includes rain drip shield and aluminum interlocking devices for door and door frame.	21.96	5.95
			For Color Anodized Finish, Add	*4.03*	
	08 72 33 00-0194		Adjustable Aluminum Retainer, Perimeter Gasketing Weather-Strip *(08 72 33 00-0145)* Note: Seals gaps from 1/16" to 1/4".		
	08 72 33 00-0195	LF	Sponge Neoprene Insert, 7/8" Width, 1-3/8" Height, Adjustable, Clear Anodized Aluminum Retainer, Stop Gasketing Weather-Strip (Pemko 350CSR)	28.04	2.98
			For Color Anodized Finish, Add	*4.42*	
	08 72 33 00-0196	LF	Sponge Neoprene Insert, 7/8" Width, 1-3/8" Height, Adjustable, Clear Anodized Aluminum Retainer, Jamb Gasketing Weather-Strip (Pemko 350CR)	29.61	2.98
			For Color Anodized Finish, Add	*4.73*	
08 72 43			**Thresholds** *(08 72)*		
	08 72 43 00-0001		Thresholds *(08 72 43)* Note: Includes material, fasteners, installation, caulk and sealants.		
	08 72 43 00-0002		Metal Thresholds *(08 72 43 00-0001)*		
	08 72 43 00-0003		Saddle Thresholds *(08 72 43 00-0002)*		
	08 72 43 00-0004		Aluminum Saddle Thresholds *(08 72 43 00-0003)* Note: Includes mill finish.		
	08 72 43 00-0005		3/16" Height, Aluminum Saddle Thresholds *(08 72 43 00-0004)*		
	08 72 43 00-0006	LF	2-1/4" Width, 3/16" Height, Aluminum Saddle Threshold (Pemko 173A)	32.30	9.52
			For Color Anodized Finish, Add	*3.41*	
	08 72 43 00-0007		1/4" Height, Aluminum Saddle Thresholds *(08 72 43 00-0004)*		
	08 72 43 00-0008	LF	3" Width, 1/4" Height, Aluminum Saddle Threshold (Pemko 151A)	36.11	9.52
			For Color Anodized Finish, Add	*4.93*	
	08 72 43 00-0009	LF	4" Width, 1/4" Height, Aluminum Saddle Threshold (Pemko 270A)	41.83	11.89
			For Color Anodized Finish, Add	*8.47*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 72 43 00-0010	LF	5" Width, 1/4" Height, Aluminum Saddle Threshold (Pemko 271A)	46.11	11.89
		For Color Anodized Finish, Add	*8.19*	
08 72 43 00-0011	LF	6" Width, 1/4" Height, Aluminum Saddle Threshold (Pemko 272A)	51.25	11.89
		For Color Anodized Finish, Add	*7.53*	
08 72 43 00-0012	LF	7" Width, 1/4" Height, Aluminum Saddle Threshold (Pemko 276A)	58.87	11.89
		For Color Anodized Finish, Add	*7.29*	
08 72 43 00-0013	LF	8" Width, 1/4" Height, Aluminum Saddle Threshold (Pemko 2748A)	70.65	14.27
		For Color Anodized Finish, Add	*8.74*	
08 72 43 00-0014	LF	9" Width, 1/4" Height, Aluminum Saddle Threshold (Pemko 2749A)	75.81	14.27
		For Color Anodized Finish, Add	*10.03*	
08 72 43 00-0015	LF	10" Width, 1/4" Height, Aluminum Saddle Threshold (Pemko 2750A)	84.03	14.27
		For Color Anodized Finish, Add	*12.09*	

08 72 43 00-0016 5/16" Height, Aluminum Saddle Thresholds *(08 72 43 00-0004)*

08 72 43 00-0017	LF	2-1/2" Width, 5/16" Height, Aluminum Saddle Threshold (Pemko 166A)	35.44	9.52
		For Color Anodized Finish, Add	*4.08*	

08 72 43 00-0018 1/2" Height, Aluminum Saddle Thresholds *(08 72 43 00-0004)*

08 72 43 00-0019	LF	3" Width, 1/2" Height, Aluminum Saddle Threshold (Pemko 169A)	35.67	9.52
		For Color Anodized Finish, Add	*5.94*	
08 72 43 00-0020	LF	4" Width, 1/2" Height, Aluminum Saddle Threshold (Pemko 170A)	43.63	11.89
		For Color Anodized Finish, Add	*9.73*	
08 72 43 00-0021	LF	5" Width, 1/2" Height, Aluminum Saddle Threshold (Pemko 171A)	48.00	11.89
		For Color Anodized Finish, Add	*9.14*	
08 72 43 00-0022	LF	6" Width, 1/2" Height, Aluminum Saddle Threshold (Pemko 172A)	51.69	11.89
		For Color Anodized Finish, Add	*7.69*	
08 72 43 00-0023	LF	7" Width, 1/2" Height, Aluminum Saddle Threshold (Pemko 176A)	58.87	11.89
		For Color Anodized Finish, Add	*7.29*	
08 72 43 00-0024	LF	8" Width, 1/2" Height, Aluminum Saddle Threshold (Pemko 2548A)	73.34	14.27
		For Color Anodized Finish, Add	*13.18*	
08 72 43 00-0025	LF	9" Width, 1/2" Height, Aluminum Saddle Threshold (Pemko 2549A)	78.05	14.27
		For Color Anodized Finish, Add	*16.94*	
08 72 43 00-0026	LF	10" Width, 1/2" Height, Aluminum Saddle Threshold (Pemko 2550A)	82.76	14.27
		For Color Anodized Finish, Add	*18.83*	

08 72 43 00-0027 Brass/Bronze Saddle Thresholds *(08 72 43 00-0003)*

08 72 43 00-0028 3/16" Height, Brass/Bronze Saddle Thresholds *(08 72 43 00-0027)*

08 72 43 00-0029	LF	2-1/4" Width, 3/16" Height, Brass/Bronze Saddle Threshold (Pemko 173B)	79.46	9.52

08 72 43 00-0030 1/4" Height, Brass/Bronze Saddle Thresholds *(08 72 43 00-0027)*

08 72 43 00-0031	LF	3" Width, 1/4" Height, Brass/Bronze Saddle Threshold (Pemko 151B)	122.04	9.52
08 72 43 00-0032	LF	4" Width, 1/4" Height, Brass/Bronze Saddle Threshold (Pemko 270B)	147.63	11.89
08 72 43 00-0033	LF	5" Width, 1/4" Height, Brass/Bronze Saddle Threshold (Pemko 271B)	177.10	11.89
08 72 43 00-0034	LF	6" Width, 1/4" Height, Brass/Bronze Saddle Threshold (Pemko 272B)	205.76	11.89
08 72 43 00-0035	LF	7" Width, 1/4" Height, Brass/Bronze Saddle Threshold (Pemko 276B)	238.51	11.89
08 72 43 00-0036	LF	8" Width, 1/4" Height, Brass/Bronze Saddle Threshold (Pemko 274X4B)	305.87	14.27

08 72 43 00-0037 1/2" Height, Brass/Bronze Saddle Thresholds *(08 72 43 00-0027)*

08 72 43 00-0038	LF	4" Width, 1/2" Height, Brass/Bronze Saddle Threshold (Pemko 170B)	160.73	11.89
08 72 43 00-0039	LF	5" Width, 1/2" Height, Brass/Bronze Saddle Threshold (Pemko 171B)	193.48	11.89
08 72 43 00-0040	LF	6" Width, 1/2" Height, Brass/Bronze Saddle Threshold (Pemko 172B)	226.23	11.89
08 72 43 00-0041	LF	7" Width, 1/2" Height, Brass/Bronze Saddle Threshold (Pemko 176B)	267.16	11.89
08 72 43 00-0042	LF	8" Width, 1/2" Height, Brass/Bronze Saddle Threshold (Pemko 254X4B)	378.19	14.27
08 72 43 00-0043	LF	10" Width, 1/2" Height, Brass/Bronze Saddle Threshold (Pemko 255X5B)	359.42	14.27

08 72 43 00-0044 Stainless Steel Saddle Thresholds *(08 72 43 00-0003)*

08 72 43 00-0045 1/2" Height, Stainless Steel Saddle Thresholds *(08 72 43 00-0044)*

08 72 43 00-0046	LF	4" Width, 1/2" Height, Stainless Steel Saddle Threshold (Pemko 175SS)	136.16	11.89
08 72 43 00-0047	LF	5" Width, 1/2" Height, Stainless Steel Saddle Threshold (Pemko 154SS)	144.35	11.89

08 72 43 00-0048 Half Saddle Thresholds *(08 72 43 00-0002)*

08 72 43 00-0049 Aluminum Half Saddle Thresholds *(08 72 43 00-0048)*

Note: Includes mill finish.

08 72 43 00-0050 3/4" Height, Aluminum Half Saddle Thresholds *(08 72 43 00-0049)*

08 72 43 00-0051	LF	5" Width, 3/4" Height, Aluminum Half Saddle Threshold (Pemko 1875A)	52.22	11.89
		For Color Anodized Finish, Add	*9.00*	
08 72 43 00-0052	LF	7" Width, 3/4" Height, Aluminum Half Saddle Threshold (Pemko 1877A)	68.50	11.89
		For Color Anodized Finish, Add	*3.88*	

08 72 43 00-0053 Offset Saddle Thresholds *(08 72 43 00-0002)*

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08 72 43 00-0054		**Aluminum Offset Saddle Thresholds** *(08 72 43 00-0053)* Note: Includes mill finish.		
08 72 43 00-0055		**1/2" Height, Aluminum Offset Saddle Thresholds** *(08 72 43 00-0054)*		
08 72 43 00-0056	LF	5-1/2" Width, 1/2" Height, 1/4" Offset, Aluminum Offset Saddle Threshold (Pemko 158A)	52.37	11.89
		For Color Anodized Finish, Add	*11.32*	
08 72 43 00-0057	LF	7" Width, 1/2" Height, 1/4" Offset, Aluminum Offset Saddle Threshold (Pemko 2727A)	58.19	11.89
		For Color Anodized Finish, Add	*9.96*	
08 72 43 00-0058		**3/4" Height, Aluminum Offset Saddle Thresholds** *(08 72 43 00-0054)*		
08 72 43 00-0059	LF	5-1/2" Width, 3/4" Height, 1/2" Offset, Aluminum Offset Saddle Threshold (Pemko 157A)	52.37	11.89
		For Color Anodized Finish, Add	*11.32*	
08 72 43 00-0060		**1" Height, Aluminum Offset Saddle Thresholds** *(08 72 43 00-0054)*		
08 72 43 00-0061	LF	7" Width, 1" Height, 1/2" Offset, Aluminum Offset Saddle Threshold (Pemko 182A)	60.43	11.89
		For Color Anodized Finish, Add	*10.75*	
08 72 43 00-0062		**Modular Ramp Thresholds** *(08 72 43 00-0001)* Note: Includes mill finish.		
08 72 43 00-0063		**Flush, Aluminum Modular Ramp Thresholds** *(08 72 43 00-0062)*		
08 72 43 00-0064	LF	6-1/8" Length, 1/2" Height, Flush, Aluminum Modular Ramp Threshold (Pemko R.5FA)	56.25	11.89
		For Non-Slip Surfacing, Add	*97.41*	
08 72 43 00-0065	LF	9-1/4" Length, 3/4" Height, Flush, Aluminum Modular Ramp Threshold (Pemko R.75FA)	70.64	13.08
		For Non-Slip Surfacing, Add	*124.52*	
08 72 43 00-0066	LF	12-3/8" Length, 1" Height, Flush, Aluminum Modular Ramp Threshold (Pemko R1FA)	90.22	14.87
		For Non-Slip Surfacing, Add	*169.37*	
08 72 43 00-0067	LF	15-1/2" Length, 1-1/4" Height, Flush, Aluminum Modular Ramp Threshold (Pemko R1.25FA)	115.49	15.46
		For Non-Slip Surfacing, Add	*228.34*	
08 72 43 00-0068	LF	18-5/8" Length, 1-1/2" Height, Flush, Aluminum Modular Ramp Threshold (Pemko R1.5FA)	134.73	16.65
		For Non-Slip Surfacing, Add	*304.29*	
08 72 43 00-0069	LF	21-3/4" Length, 1-3/4" Height, Flush, Aluminum Modular Ramp Threshold (Pemko R1.75FA)	167.39	18.43
		For Non-Slip Surfacing, Add	*339.38*	
08 72 43 00-0070	LF	24-7/8" Length, 2" Height, Flush, Aluminum Modular Ramp Threshold (Pemko R2FA)	186.79	20.22
		For Non-Slip Surfacing, Add	*380.51*	
08 72 43 00-0071	LF	28" Length, 2-1/4" Height, Flush, Aluminum Modular Ramp Threshold (Pemko R2.25FA)	198.14	21.41
		For Non-Slip Surfacing, Add	*388.30*	
08 72 43 00-0072		**3-1/2" Top Plate, Offset, Aluminum Modular Ramp Thresholds** *(08 72 43 00-0062)*		
08 72 43 00-0073	LF	12-3/4" Length, 1/2" Height, 3-1/2" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R.5OSSA)	96.43	14.87
		For Non-Slip Surfacing, Add	*180.09*	
08 72 43 00-0074	LF	15-7/8" Length, 3/4" Height, 3-1/2" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R.75OSSA)	113.64	15.46
		For Non-Slip Surfacing, Add	*223.34*	
08 72 43 00-0075	LF	18" Length, 1" Height, 3-1/2" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R1OSSA)	142.47	17.84
		For Non-Slip Surfacing, Add	*277.65*	
08 72 43 00-0076	LF	22-1/8" Length, 1-1/4" Height, 3-1/2" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R1.25OSSA)	167.89	19.03
		For Non-Slip Surfacing, Add	*337.56*	
08 72 43 00-0077	LF	25-1/4" Length, 1-1/2" Height, 3-1/2" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R1.5OSSA)	193.20	20.22
		For Non-Slip Surfacing, Add	*397.18*	
08 72 43 00-0078	LF	28-3/8" Length, 1-3/4" Height, 3-1/2" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R1.75OSSA)	211.39	21.41
		For Non-Slip Surfacing, Add	*438.31*	
08 72 43 00-0079	LF	31-1/2" Length, 2" Height, 3-1/2" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R2OSSA)	259.82	22.60
		For Non-Slip Surfacing, Add	*558.04*	
08 72 43 00-0080		**7" Top Plate, Offset, Aluminum Modular Ramp Thresholds** *(08 72 43 00-0062)*		
08 72 43 00-0081	LF	16-1/4" Length, 1/2" Height, 7" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R.5OSA)	111.81	16.06
		For Non-Slip Surfacing, Add	*223.13*	
08 72 43 00-0082	LF	19-3/8" Length, 3/4" Height, 7" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R.75OSA)	131.40	17.84
		For Non-Slip Surfacing, Add	*268.02*	
08 72 43 00-0083	LF	22-1/2" Length, 1" Height, 7" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R1OSA)	157.85	19.03
		For Non-Slip Surfacing, Add	*323.43*	
08 72 43 00-0084	LF	25-5/8" Length, 1-1/4" Height, 7" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R1.25OSA)	177.10	20.22
		For Non-Slip Surfacing, Add	*368.98*	
08 72 43 00-0085	LF	28-3/4" Length, 1-1/2" Height, 7" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R1.5OSA)	208.57	21.41
		For Non-Slip Surfacing, Add	*430.98*	
08 72 43 00-0086	LF	31-7/8" Length, 1-3/4" Height, 7" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R1.75OSA)	226.77	22.60
		For Non-Slip Surfacing, Add	*472.11*	
08 72 43 00-0087	LF	35" Length, 2" Height, 7" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R2OSA)	262.20	23.78
		For Non-Slip Surfacing, Add	*536.58*	
08 72 43 00-0088		**Accessories For Aluminum Modular Ramp Thresholds** *(08 72 43 00-0062)*		
08 72 43 00-0089		**Wings/Miter Returns For Flush, Aluminum Modular Ramp Thresholds** *(08 72 43 00-0088)*		
08 72 43 00-0090	PR	Up To 1" Height, Wings/Miter Returns For Flush, Aluminum Modular Ramp Thresholds	270.66	14.87
		For Non-Slip Surfacing, Add	*28.91*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 72 43 00-0091	PR	>1" To 1-1/4" Height, Wings/Miter Returns For Flush, Aluminum Modular Ramp Thresholds	418.21	14.87
		For Non-Slip Surfacing, Add	*46.62*	
08 72 43 00-0092	PR	>1-1/4" To 2-1/4" Height, Wings/Miter Returns For Flush, Aluminum Modular Ramp Thresholds	829.79	20.82
		For Non-Slip Surfacing, Add	*94.58*	
08 72 43 00-0093		**Wings/Miter Returns For Offset, Aluminum Modular Ramp Thresholds** *(08 72 43 00-0088)*		
08 72 43 00-0094	PR	Up To 1/2" Height, Wings/Miter Returns For Offset, Aluminum Modular Ramp Thresholds	270.66	14.87
		For Non-Slip Surfacing, Add	*28.91*	
08 72 43 00-0095	PR	>1/2" To 1" Height, Wings/Miter Returns For Offset, Aluminum Modular Ramp Thresholds	418.21	14.87
		For Non-Slip Surfacing, Add	*46.62*	
08 72 43 00-0096	PR	>1" To 2" Height, Wings/Miter Returns For Offset, Aluminum Modular Ramp Thresholds	829.79	20.82
		For Non-Slip Surfacing, Add	*94.58*	
08 72 43 00-0097		**Latching Panic Exit Saddle Thresholds** *(08 72 43 00-0001)*		
		Note: Includes vinyl or pile seal.		
08 72 43 00-0098		**Aluminum, Latching Panic Exit Saddle Thresholds** *(08 72 43 00-0097)*		
		Note: Includes mill finish.		
08 72 43 00-0099		**Aluminum, Latching Panic Exit Saddle Thresholds** *(08 72 43 00-0098)*		
08 72 43 00-0100		**7/8" Height, Aluminum, Latching Panic Exit Saddle Thresholds** *(08 72 43 00-0099)*		
08 72 43 00-0101	LF	4" Width, 7/8" Height, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 252X226AP)	64.02	11.89
		For Color Anodized Finish, Add	*12.00*	
		For Thermoseal, Add	*0.63*	
08 72 43 00-0102	LF	5" Width, 7/8" Height, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 177AP)	52.59	11.89
		For Color Anodized Finish, Add	*11.43*	
		For Thermoseal, Add	*0.63*	
08 72 43 00-0103	LF	6" Width, 7/8" Height, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 254X226AP)	71.19	11.89
		For Color Anodized Finish, Add	*14.51*	
		For Thermoseal, Add	*0.63*	
08 72 43 00-0104	LF	7" Width, 7/8" Height, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 255X226AP)	74.33	11.89
		For Color Anodized Finish, Add	*15.61*	
		For Thermoseal, Add	*0.63*	
08 72 43 00-0105		**1" Height, Aluminum, Latching Panic Exit Saddle Thresholds** *(08 72 43 00-0099)*		
08 72 43 00-0106	LF	3-5/8" Width, 1" Height, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 185AP)	49.90	11.89
		For Color Anodized Finish, Add	*10.09*	
		For Thermoseal, Add	*0.63*	
08 72 43 00-0107	LF	5" Width, 1" Height, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 181AP)	53.04	11.89
		For Color Anodized Finish, Add	*11.66*	
		For Thermoseal, Add	*0.63*	
08 72 43 00-0108		**Thermal Barrier, Aluminum, Latching Panic Exit Saddle Thresholds** *(08 72 43 00-0098)*		
08 72 43 00-0109		**7/8" Height, Thermal Barrier, Aluminum, Latching Panic Exit Saddle Thresholds** *(08 72 43 00-0108)*		
08 72 43 00-0110	LF	4-1/8" Width, 7/8" Height, Thermal Barrier, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 252X226AFGP)	56.40	11.89
		For Color Anodized Finish, Add	*10.67*	
		For Thermoseal, Add	*0.63*	
08 72 43 00-0111	LF	5-1/8" Width, 7/8" Height, Thermal Barrier, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 253X226AFGP)	59.31	11.89
		For Color Anodized Finish, Add	*11.83*	
		For Thermoseal, Add	*0.63*	
08 72 43 00-0112	LF	6-1/8" Width, 7/8" Height, Thermal Barrier, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 254X226AFGP)	63.57	11.89
		For Color Anodized Finish, Add	*11.84*	
		For Thermoseal, Add	*0.63*	
08 72 43 00-0113	LF	7-1/8" Width, 7/8" Height, Thermal Barrier, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 255X226AFGP)	68.39	11.89
		For Color Anodized Finish, Add	*13.53*	
		For Thermoseal, Add	*0.63*	
08 72 43 00-0114		**Brass/Bronze, Latching Panic Exit Saddle Thresholds** *(08 72 43 00-0097)*		
08 72 43 00-0115		**Brass/Bronze, Latching Panic Exit Saddle Thresholds** *(08 72 43 00-0114)*		
08 72 43 00-0116		**7/8" Height, Brass/Bronze, Latching Panic Exit Saddle Thresholds** *(08 72 43 00-0115)*		
08 72 43 00-0117	LF	4" Width, 7/8" Height, Brass/Bronze, Latching Panic Exit Saddle Threshold (Pemko 252X226BV)	227.86	11.89
		For Thermoseal, Add	*0.63*	
08 72 43 00-0118	LF	5" Width, 7/8" Height, Brass/Bronze, Latching Panic Exit Saddle Threshold (Pemko 177BV)	211.49	11.89
		For Thermoseal, Add	*0.63*	
08 72 43 00-0119	LF	6" Width, 7/8" Height, Brass/Bronze, Latching Panic Exit Saddle Threshold (Pemko 254X226BV)	303.19	11.89
		For Thermoseal, Add	*0.63*	
08 72 43 00-0120	LF	7" Width, 7/8" Height, Brass/Bronze, Latching Panic Exit Saddle Threshold (Pemko 255X226BV)	271.42	11.89
		For Thermoseal, Add	*0.63*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 72 43 00-0121		1" Height, Brass/Bronze, Latching Panic Exit Saddle Thresholds *(08 72 43 00-0115)*		
08 72 43 00-0122	LF	5" Width, 1" Height, Brass/Bronze, Latching Panic Exit Saddle Threshold (Pemko 181BV)	224.26	11.89
		For Thermoseal, Add	*0.63*	
08 72 43 00-0123		Thermal Barrier, Brass/Bronze, Latching Panic Exit Saddle Thresholds *(08 72 43 00-0114)*		
08 72 43 00-0124		7/8" Height, Thermal Barrier, Brass/Bronze, Latching Panic Exit Saddle Thresholds *(08 72 43 00-0123)*		
08 72 43 00-0125	LF	4-1/8" Width, 7/8" Height, Thermal Barrier, Brass/Bronze, Latching Panic Exit Saddle Threshold (Pemko 252X226BFGV)	232.53	13.08
		For Thermoseal, Add	*0.63*	
08 72 43 00-0126	LF	5-1/8" Width, 7/8" Height, Thermal Barrier, Brass/Bronze, Latching Panic Exit Saddle Threshold (Pemko 253X226BFGV)	243.83	13.08
		For Thermoseal, Add	*0.63*	
08 72 43 00-0127	LF	6-1/8" Width, 7/8" Height, Thermal Barrier, Brass/Bronze, Latching Panic Exit Saddle Threshold (Pemko 254X226BFGV)	304.91	13.08
		For Thermoseal, Add	*0.63*	
08 72 43 00-0128	LF	7-1/8" Width, 7/8" Height, Thermal Barrier, Brass/Bronze, Latching Panic Exit Saddle Threshold (Pemko 255X226BFGV)	277.95	13.67
		For Thermoseal, Add	*0.63*	
08 72 43 00-0129		Carpet Separator Thresholds *(08 72 43 00-0001)*		
08 72 43 00-0130		Aluminum, Carpet Separator Thresholds *(08 72 43 00-0129)* Note: Includes mill finish.		
08 72 43 00-0131		3/8" Height, Aluminum, Carpet Separator Thresholds *(08 72 43 00-0130)*		
08 72 43 00-0132	LF	2-1/2" Width, 3/8" Height, Aluminum, Carpet Separator Threshold (Pemko 174C)	37.45	9.52
		For Color Anodized Finish, Add	*5.47*	
08 72 43 00-0133		7/16" Height, Aluminum, Carpet Separator Thresholds *(08 72 43 00-0130)*		
08 72 43 00-0134	LF	1-3/4" Width, 7/16" Height, Aluminum, Carpet Separator Threshold (Pemko 236A)	30.23	8.32
		For Color Anodized Finish, Add	*3.29*	
08 72 43 00-0135	LF	4" Width, 7/16" Height, Aluminum, Carpet Separator Threshold (Pemko 2364A)	46.54	9.52
		For Color Anodized Finish, Add	*6.72*	
08 72 43 00-0136	LF	6" Width, 7/16" Height, Aluminum, Carpet Separator Threshold (Pemko 2366A)	55.95	9.52
		For Color Anodized Finish, Add	*10.49*	
08 72 43 00-0137		1/2" Height, Aluminum, Carpet Separator Thresholds *(08 72 43 00-0130)*		
08 72 43 00-0138	LF	1-3/8" Width, 1/2" Height, Aluminum, Carpet Separator Threshold (Pemko 1951A)	27.32	8.32
		For Color Anodized Finish, Add	*1.63*	
08 72 43 00-0139		3/4" Height, Aluminum, Carpet Separator Thresholds *(08 72 43 00-0130)*		
08 72 43 00-0140	LF	1-3/4" Width, 3/4" Height, Aluminum, Carpet Separator Threshold (Pemko 246A)	30.23	8.32
		For Color Anodized Finish, Add	*2.82*	
08 72 43 00-0141	LF	3" Width, 3/4" Height, Aluminum, Carpet Separator Threshold (Pemko 230A)	47.21	11.89
		For Color Anodized Finish, Add	*6.99*	
08 72 43 00-0142	LF	4" Width, 3/4" Height, Aluminum, Carpet Separator Threshold (Pemko 2464A)	49.90	11.89
		For Color Anodized Finish, Add	*6.05*	
08 72 43 00-0143		Brass/Bronze, Carpet Separator Thresholds *(08 72 43 00-0129)*		
08 72 43 00-0144		3/8" Height, Brass/Bronze, Carpet Separator Thresholds *(08 72 43 00-0143)*		
08 72 43 00-0145	LF	2-1/2" Width, 3/8" Height, Brass/Bronze, Carpet Separator Threshold (Pemko 174B)	123.83	9.52
08 72 43 00-0146		7/16" Height, Brass/Bronze, Carpet Separator Thresholds *(08 72 43 00-0143)*		
08 72 43 00-0147	LF	1-3/4" Width, 7/16" Height, Brass/Bronze, Carpet Separator Threshold (Pemko 236B)	162.66	8.32
08 72 43 00-0148	LF	4" Width, 7/16" Height, Brass/Bronze, Carpet Separator Threshold (Pemko 2364B)	148.45	11.89
08 72 43 00-0149		Vinyl Transition Thresholds *(08 72 43 00-0001)* Note: Serves as a transition where carpet meets carpet, tile, VCT or concrete beneath a door.		
08 72 43 00-0150		Carpet To Carpet, Vinyl Transition Thresholds *(08 72 43 00-0149)* Note: Serves as a transition where carpet meets carpet beneath a door.		
08 72 43 00-0151	LF	2-3/4" Width, 23/32" Height, Carpet To Carpet, Vinyl Transition Threshold (Pemko V232BL)	45.67	9.52
08 72 43 00-0152		Carpet To Tile, Vinyl Transition Thresholds *(08 72 43 00-0149)* Note: Serves as a transition where carpet meets tile beneath a door.		
08 72 43 00-0153	LF	2-3/4" Width, 23/32" Height, Carpet To Tile, Vinyl Transition Threshold (Pemko V2325BL)	45.67	9.52
08 72 43 00-0154		Carpet To Concrete, Vinyl Transition Thresholds *(08 72 43 00-0149)* Note: Serves as a transition where carpet meets concrete beneath a door.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 72 43 00-0155	LF	3-1/2" Width, 23/32" Height, Carpet To Concrete, Vinyl Transition Threshold (Pemko V2320BL)	48.36	11.89
08 72 43 00-0156		Carpet To VCT Tile, Vinyl Transition Thresholds *(08 72 43 00-0149)*		
		Note: Serves as a transition where carpet meets VCT Tile beneath a door.		
08 72 43 00-0157	LF	3-7/16" Width, 23/32" Height, Carpet To VCT Tile, Vinyl Transition Threshold (Pemko V2322BL)	51.99	11.89
08 72 43 00-0158		Residential Thresholds *(08 72 43 00-0001)*		
08 72 43 00-0159		Wood Residential Thresholds *(08 72 43 00-0158)*		
08 72 43 00-0160	LF	1-1/4" Width, 1/4" Height, Oak Residential Threshold (Pemko 2219W)	18.98	5.95
08 72 43 00-0161	LF	1-3/4" Width, 5/16" Height, Oak Residential Threshold (Pemko 2175W)	19.73	5.95
08 72 43 00-0162	LF	3" Width, 3/8" Height, Oak Residential Threshold (Pemko 2300W)	27.24	6.33
08 72 43 00-0163	LF	3-1/2" Width, 1/2" Height, Oak Residential Threshold (Pemko 2350W)	27.62	6.57
08 72 43 00-0164	LF	5" Width, 1/2" Height, Oak Residential Threshold (Pemko 2500W)	43.04	6.75
08 72 43 00-0165		Vinyl Top, Wood Residential Thresholds *(08 72 43 00-0158)*		
08 72 43 00-0166	LF	1-5/8" Width, 15/16" Height, Vinyl Top, Wood Residential Threshold (Pemko 208OAK)	23.09	5.95
08 72 43 00-0167	LF	3-1/2" Width, 1-1/8" Height, Vinyl Top, Wood Residential Threshold (Pemko 203OAK)	28.29	6.57
08 72 43 00-0168	LF	3-5/8" Width, 1-3/8" Height, Vinyl Top, Wood Residential Threshold (Pemko 204OAK)	54.51	6.57
08 72 43 00-0169		Vinyl Top, Aluminum Residential Thresholds *(08 72 43 00-0158)*		
08 72 43 00-0170	LF	1-3/8" Width, 1/2" Height, Vinyl Top, Aluminum Residential Threshold (Pemko 208AV)	23.16	5.95
		For Color Anodized Finish, Add	*3.32*	
08 72 43 00-0171	LF	3-1/4" Width, 3/4" Height, Vinyl Top, Aluminum Residential Threshold (Pemko 206AV)	27.17	6.57
		For Color Anodized Finish, Add	*4.30*	
08 72 43 00-0172	LF	3-1/2" Width, 1-1/8" Height, Vinyl Top, Aluminum Residential Threshold (Pemko 207AV)	28.96	6.57
		For Color Anodized Finish, Add	*5.02*	
08 72 43 00-0173		Interlocking Residential Thresholds *(08 72 43 00-0158)*		
08 72 43 00-0174		Aluminum Interlocking Residential Thresholds *(08 72 43 00-0173)*		
08 72 43 00-0175		1/2" Height, Aluminum Interlocking Residential Thresholds *(08 72 43 00-0174)*		
08 72 43 00-0176	LF	4-1/4" Width, 1/2" Height, Aluminum Interlocking Residential Threshold (Pemko 114A)	53.42	6.75
		For Color Anodized Finish, Add	*10.96*	
08 72 43 00-0177		5/8" Height, Aluminum Interlocking Residential Thresholds *(08 72 43 00-0174)*		
08 72 43 00-0178	LF	3" Width, 5/8" Height, Aluminum Interlocking Residential Threshold (Pemko 121A)	34.87	6.33
		For Color Anodized Finish, Add	*5.72*	
08 72 43 00-0179	LF	3-1/2" Width, 5/8" Height, Aluminum Interlocking Residential Threshold (Pemko 110A)	31.43	6.57
		For Color Anodized Finish, Add	*7.51*	
08 72 43 00-0180	LF	4-1/4" Width, 5/8" Height, Aluminum Interlocking Residential Threshold (Pemko 115A)	36.84	6.75
		For Color Anodized Finish, Add	*5.99*	
08 72 43 00-0181		7/8" Height, Aluminum Interlocking Residential Thresholds *(08 72 43 00-0174)*		
08 72 43 00-0182	LF	4-1/2" Width, 7/8" Height, Aluminum Interlocking Residential Threshold (Pemko 120A)	40.42	6.75
		For Color Anodized Finish, Add	*11.77*	
08 72 43 00-0183		Brass/Bronze Interlocking Residential Thresholds *(08 72 43 00-0173)*		
08 72 43 00-0184		1/2" Height, Brass/Bronze Interlocking Residential Thresholds *(08 72 43 00-0183)*		
08 72 43 00-0185	LF	4-1/4" Width, 1/2" Height, Brass/Bronze Interlocking Residential Threshold (Pemko 114B)	168.36	6.75
08 72 43 00-0186		5/8" Height, Brass/Bronze Interlocking Residential Thresholds *(08 72 43 00-0183)*		
08 72 43 00-0187	LF	3-1/2" Width, 5/8" Height, Brass/Bronze Interlocking Residential Threshold (Pemko 110B)	126.94	6.57
08 72 43 00-0188		7/8" Height, Brass/Bronze Interlocking Residential Thresholds *(08 72 43 00-0183)*		
08 72 43 00-0189	LF	4-1/2" Width, 7/8" Height, Brass/Bronze Interlocking Residential Threshold (Pemko 120B)	172.45	6.75
08 72 43 00-0190	LF	5-3/4" Width, 7/8" Height, 3/4" Offset, Brass/Bronze Interlocking Residential Threshold (Pemko 123B)	246.61	6.94
08 72 43 00-0191		Residential Door Sills *(08 72 43 00-0001)*		
08 72 43 00-0192		Fixed Aluminum Residential Door Sills *(08 72 43 00-0191)*		
08 72 43 00-0193	LF	4-9/16" Width, 1-1/4" Height, Fixed Aluminum Residential Door Sill (Pemko 84514A)	29.67	6.75
		For Color Anodized Finish, Add	*6.39*	
08 72 43 00-0194	LF	5-5/8" Width, 1-1/4" Height, Fixed Aluminum Residential Door Sill (Pemko 85514A)	31.90	6.94
		For Color Anodized Finish, Add	*5.81*	
08 72 43 00-0195		Adjustable Aluminum Top, Aluminum Residential Door Sills *(08 72 43 00-0191)*		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 72 43 00-0196	LF	4-7/8" Width, 1-1/8" To 1-3/8" Height, Adjustable Aluminum Top, Aluminum Residential Door Sill (Pemko 94518A)	43.35	6.75
		For Color Anodized Finish, Add	*9.26*	
08 72 43 00-0197	LF	5-3/4" Width, 1-1/8" To 1-3/8" Height, Adjustable Aluminum Top, Aluminum Residential Door Sill (Pemko 95518A)	44.50	6.94
		For Color Anodized Finish, Add	*9.50*	
08 72 43 00-0198		Adjustable Wood Top, Aluminum Residential Door Sills *(08 72 43 00-0191)*		
08 72 43 00-0199	LF	3-3/4" Width, 1-1/8" To 1-3/8" Height, Adjustable Aluminum Top, Aluminum Residential Door Sill (Pemko 93518AW)	43.94	6.57
		For Color Anodized Finish, Add	*9.64*	
08 72 43 00-0200	LF	4-7/8" Width, 1-1/8" To 1-3/8" Height, Adjustable Aluminum Top, Aluminum Residential Door Sill (Pemko 94518AW)	44.43	6.75
		For Color Anodized Finish, Add	*6.89*	
08 72 43 00-0201	LF	5-3/4" Width, 1-1/8" To 1-3/8" Height, Adjustable Aluminum Top, Aluminum Residential Door Sill (Pemko 95518AW)	46.40	6.94
		For Color Anodized Finish, Add	*7.26*	
08 72 43 00-0202		Extenders For Aluminum Residential Door Sills *(08 72 43 00-0191)*		
08 72 43 00-0203	LF	3/4" Extender For Aluminum Residential Door Sills (Pemko EXT3/4A)	17.49	5.95
		For Color Anodized Finish, Add	*3.92*	
08 72 43 00-0204	LF	2" Extender For Aluminum Residential Door Sills (Pemko EXT2A)	19.29	5.95
		For Color Anodized Finish, Add	*3.70*	
08 72 43 00-0205	LF	3" Extender For Aluminum Residential Door Sills (Pemko EXT3A)	21.08	5.95
		For Color Anodized Finish, Add	*2.30*	
08 72 43 00-0206		Stone Thresholds *(08 72 43 00-0001)*		
08 72 43 00-0207		Marble Thresholds *(08 72 43 00-0206)*		
08 72 43 00-0208	LF	2" Width, 5/8" Height, Plain Marble Threshold	24.09	9.38
08 72 43 00-0209	LF	4" Width, 5/8" Height, Plain Marble Threshold	26.48	9.38
08 72 43 00-0210	LF	6" Width, 5/8" Height, Plain Marble Threshold	29.67	9.38
08 72 43 00-0211	LF	4" Width, 7/8" Height, Plain Marble Threshold	36.88	9.38
08 72 43 00-0212	LF	6" Width, 7/8" Height, Plain Marble Threshold	45.30	9.38
08 72 43 00-0213		Corian Thresholds *(08 72 43 00-0206)*		
08 72 43 00-0214	LF	Up To 5-3/4" Width, Corian Threshold	90.17	9.87
08 75		**Window Hardware** *(08 70)*		
08 75 13		**Automatic Window Equipment** *(08 75)*		
08 75 13 00-0001		Window Opener Electric, With 1/2 HP Motor *(08 75 13)*		
08 75 13 00-0002	EA	Gym Window Electronic Opener	1,946.99	253.42
08 78		**Special Function Hardware** *(08 70)*		
08 78 00 00-0001		Pad Locks *(08 78)*		
08 78 00 00-0002	EA	Combination Padlock	25.50	5.95
08 78 00 00-0003	EA	Resettable Combination Padlock With Control Key, 4 Digit, 2" Wide Case, 1" Shackle Height	60.34	5.95
08 78 00 00-0004	EA	Resettable Combination Padlock, 4 Digit, 2" Wide Case, 1" Shackle Height	55.61	5.95
08 78 00 00-0005	EA	Resettable Combination Padlock, 4 Digit, 2" Wide Case, 2-1/4" Shackle Height	61.47	5.95
08 78 00 00-0006	EA	Commercial U-Bar Lock	75.00	5.95
08 78 00 00-0007	EA	Weather Tough Padlocks Keyed Alike	62.65	5.95
08 78 00 00-0008	EA	High Security Padlocks	56.39	5.95
08 78 00 00-0009	EA	Standard Key, Medium Security Padlock Keyed Alike	28.93	5.95
08 79		**Hardware Accessories** *(08 70)*		
08 79 13		**Key Storage Equipment** *(08 79)*		
08 79 13 00-0001		Key Cabinet *(08 79 13)*		
08 79 13 00-0002		Key Cabinets *(08 79 13 00-0001)*		
08 79 13 00-0003	EA	Wall Mounted Key Cabinet, Up To 30 Keys	605.46	21.41
08 79 13 00-0004	EA	Wall Mounted Key Cabinet, Up To 60 Keys	819.91	23.78
08 79 13 00-0005	EA	Wall Mounted Key Cabinet, Up To 240 Keys	1,850.95	35.68
08 79 13 00-0006	EA	Wall Mounted Key Cabinet, Up To 1,200 Keys	4,798.05	47.57
08 79 13 00-0007	EA	Drawer Type Key Cabinet, Up To 600 Keys	5,131.74	31.52
08 79 13 00-0008	EA	Drawer Type Key Cabinet, Up To 2,400 Keys	11,622.01	23.78
08 79 13 00-0009	EA	Tray Type Key Cabinet, Up To 20 Keys	254.18	9.52
08 79 13 00-0010	EA	Tray Type Key Cabinet, Up To 50 Keys	363.44	11.89
08 79 13 00-0011		Key Boxes Wall Mounted On Any Type Wall, With Anchor *(08 79 13 00-0001)*		
08 79 13 00-0012	EA	Key Box, Metal, 30 Key Hooks, Key Lock Door 3" Deep x 10" Wide x 12" High	343.99	17.85

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 79 13 00-0013	EA	Key Box, Metal, 60 Key Hooks, Key Lock Door, 3" Deep x 10" Wide x 12" High	391.02	17.85
08 79 13 00-0014	EA	Relocate 10" Wide x 12" High x 3" Deep Metal Key Box Note: Including Storage And Cleaning	60.68	
08 79 13 00-0015	EA	Relocate Heavy Duty Key Box, With Combo Lock Door Note: Including Storage And Cleaning	136.82	

08 80 Glazing *(08)*

Note: Includes neoprene setting blocks and spacers and elastomeric sealants for all glazing tasks. Demolition for all glazing includes removal of glazing (broken or whole), sealant compound and/or astragal, taking down and resetting mullion where necessary.

08 81 Glass Glazing *(08 80)*

08 81 23 Exterior Glass Glazing *(08 81)*

08 81 23 13 Factory Installed Glass Glazing *(08 81 23)*

08 81 23 13-0001 Clear Float Factory Installed Glass *(08 81 23 13)*

08 81 23 13-0002 Clear Float Factory Installed Glass *(08 81 23 13-0001)*
Note: Type I, Class I, Quality Q3.

08 81 23 13-0003	SF	1/8" Thick, Clear Float Factory Installed Glass	7.99
		For >50 To 200, Deduct	*-0.24*
		For >200 To 400, Deduct	*-0.48*
		For >400, Deduct	*-0.72*
		For Tinted Glass, Add	*2.00*
		For Reflective Coated Glass, Add	*3.60*
		For Low-E Coated Glass, Add	*2.00*
08 81 23 13-0004	SF	3/16" Thick, Clear Float Factory Installed Glass	8.57
		For >50 To 200, Deduct	*-0.26*
		For >200 To 400, Deduct	*-0.51*
		For >400, Deduct	*-0.77*
		For Tinted Glass, Add	*2.14*
		For Reflective Coated Glass, Add	*3.86*
		For Low-E Coated Glass, Add	*2.14*
08 81 23 13-0005	SF	1/4" Thick, Clear Float Factory Installed Glass	10.39
		For >50 To 200, Deduct	*-0.31*
		For >200 To 400, Deduct	*-0.62*
		For >400, Deduct	*-0.94*
		For Tinted Glass, Add	*2.60*
		For Reflective Coated Glass, Add	*4.68*
		For Low-E Coated Glass, Add	*2.60*
08 81 23 13-0006	SF	5/16" Thick, Clear Float Factory Installed Glass	17.27
		For >50 To 200, Deduct	*-0.52*
		For >200 To 400, Deduct	*-1.04*
		For >400, Deduct	*-1.55*
		For Tinted Glass, Add	*4.32*
		For Reflective Coated Glass, Add	*7.77*
		For Low-E Coated Glass, Add	*4.32*
08 81 23 13-0007	SF	3/8" Thick, Clear Float Factory Installed Glass	25.13
		For >50 To 200, Deduct	*-0.75*
		For >200 To 400, Deduct	*-1.51*
		For >400, Deduct	*-2.26*
		For Tinted Glass, Add	*6.28*
		For Reflective Coated Glass, Add	*11.31*
		For Low-E Coated Glass, Add	*6.28*
08 81 23 13-0008	SF	1/2" Thick, Clear Float Factory Installed Glass	27.61
		For >50 To 200, Deduct	*-0.83*
		For >200 To 400, Deduct	*-1.66*
		For >400, Deduct	*-2.48*
		For Tinted Glass, Add	*6.90*
		For Reflective Coated Glass, Add	*12.42*
		For Low-E Coated Glass, Add	*6.90*
08 81 23 13-0009	SF	5/8" Thick, Clear Float Factory Installed Glass	33.03
		For >50 To 200, Deduct	*-0.99*
		For >200 To 400, Deduct	*-1.98*
		For >400, Deduct	*-2.97*
		For Tinted Glass, Add	*8.26*
		For Reflective Coated Glass, Add	*14.86*
		For Low-E Coated Glass, Add	*8.26*
08 81 23 13-0010	SF	3/4" Thick, Clear Float Factory Installed Glass	40.80
		For >50 To 200, Deduct	*-1.22*
		For >200 To 400, Deduct	*-2.45*
		For >400, Deduct	*-3.67*
		For Tinted Glass, Add	*10.20*
		For Reflective Coated Glass, Add	*18.36*
		For Low-E Coated Glass, Add	*10.20*

08 81 23 13-0011 Heat Treated Factory Installed Glass *(08 81 23 13)*

08 81 23 13-0012 Tempered, Clear Float Factory Installed Glass *(08 81 23 13-0011)*
Note: Type I, Class I, Quality Q3.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 81 23 13-0013	SF	1/8" Thick, Tempered, Clear Float Factory Installed Glass	11.88	
		For >50 To 200, Deduct	*-0.36*	
		For >200 To 400, Deduct	*-0.71*	
		For >400, Deduct	*-1.07*	
		For Tinted Glass, Add	*2.97*	
		For Reflective Coated Glass, Add	*5.35*	
		For Low-E Coated Glass, Add	*2.97*	
08 81 23 13-0014	SF	3/16" Thick, Tempered, Clear Float Factory Installed Glass	12.70	
		For >50 To 200, Deduct	*-0.38*	
		For >200 To 400, Deduct	*-0.76*	
		For >400, Deduct	*-1.14*	
		For Tinted Glass, Add	*3.18*	
		For Reflective Coated Glass, Add	*5.72*	
		For Low-E Coated Glass, Add	*3.18*	
08 81 23 13-0015	SF	1/4" Thick, Tempered, Clear Float Factory Installed Glass	15.45	
		For >50 To 200, Deduct	*-0.46*	
		For >200 To 400, Deduct	*-0.93*	
		For >400, Deduct	*-1.39*	
		For Tinted Glass, Add	*3.86*	
		For Reflective Coated Glass, Add	*6.95*	
		For Low-E Coated Glass, Add	*3.86*	
08 81 23 13-0016	SF	5/16" Thick, Tempered, Clear Float Factory Installed Glass	25.72	
		For >50 To 200, Deduct	*-0.77*	
		For >200 To 400, Deduct	*-1.54*	
		For >400, Deduct	*-2.31*	
		For Tinted Glass, Add	*6.43*	
		For Reflective Coated Glass, Add	*11.57*	
		For Low-E Coated Glass, Add	*6.43*	
08 81 23 13-0017	SF	3/8" Thick, Tempered, Clear Float Factory Installed Glass	37.37	
		For >50 To 200, Deduct	*-1.12*	
		For >200 To 400, Deduct	*-2.24*	
		For >400, Deduct	*-3.36*	
		For Tinted Glass, Add	*9.34*	
		For Reflective Coated Glass, Add	*16.82*	
		For Low-E Coated Glass, Add	*9.34*	
08 81 23 13-0018	SF	1/2" Thick, Tempered, Clear Float Factory Installed Glass	41.06	
		For >50 To 200, Deduct	*-1.23*	
		For >200 To 400, Deduct	*-2.46*	
		For >400, Deduct	*-3.70*	
		For Tinted Glass, Add	*10.27*	
		For Reflective Coated Glass, Add	*18.48*	
		For Low-E Coated Glass, Add	*10.27*	
08 81 23 13-0019	SF	5/8" Thick, Tempered, Clear Float Factory Installed Glass	49.12	
		For >50 To 200, Deduct	*-1.47*	
		For >200 To 400, Deduct	*-2.95*	
		For >400, Deduct	*-4.42*	
		For Tinted Glass, Add	*12.28*	
		For Reflective Coated Glass, Add	*22.10*	
		For Low-E Coated Glass, Add	*12.28*	
08 81 23 13-0020	SF	3/4" Thick, Tempered, Clear Float Factory Installed Glass	60.68	
		For >50 To 200, Deduct	*-1.82*	
		For >200 To 400, Deduct	*-3.64*	
		For >400, Deduct	*-5.46*	
		For Tinted Glass, Add	*15.17*	
		For Reflective Coated Glass, Add	*27.31*	
		For Low-E Coated Glass, Add	*15.17*	
08 81 23 13-0021		Patterned Factory Installed Glass *(08 81 23 13)*		
08 81 23 13-0022		Rough Obscure, Factory Installed Glass *(08 81 23 13-0021)*		
		Note: Class II, Form 3, Finish F1.		
08 81 23 13-0023	SF	1/4" Thick, Rough Obscure, Factory Installed Glass	55.53	
08 81 23 13-0024		Patterned, Figured Factory Installed Glass *(08 81 23 13-0021)*		
		Note: Kind HS, Type II, Class I, Form 3, Quality Q8, Finish F2, Pattern P4.		
08 81 23 13-0025	SF	1/8" Thick, Patterned, Figured Factory Installed Glass	33.73	
08 81 23 13-0026	SF	7/32" Thick, Patterned, Figured Factory Installed Glass	33.73	
08 81 23 13-0027		Wired Factory Installed Glass *(08 81 23 13)*		
08 81 23 13-0028		Square Or Diamond Pattern, Wired Factory Installed Glass *(08 81 23 13-0027)*		
		Note: Class I, Form 2, Mesh M1 Or M2, Pattern P2.		
08 81 23 13-0029	SF	1/4" Thick, Square Pattern, Wired Factory Installed Glass	87.31	
08 81 23 13-0030	SF	1/4" Thick, Diamond Pattern, Wired Factory Installed Glass	87.31	
08 81 23 13-0031		Polished, Wired Factory Installed Glass *(08 81 23 13-0027)*		
08 81 23 13-0032	SF	1/4" Thick, Polished, Wired Factory Installed Glass	95.45	
08 81 23 13-0033		Frosted Factory Installed Glass *(08 81 23 13)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 81 23 13-0034		**Frosted Factory Installed Glass** *(08 81 23 13-0033)*		
08 81 23 13-0035	SF	1/8" Thick, Frosted Factory Installed Glass	44.15	
		For >50 To 200, Deduct	*-1.32*	
		For >200 To 400, Deduct	*-2.65*	
		For >400, Deduct	*-3.97*	
08 81 23 13-0036	SF	3/16" Thick, Frosted Factory Installed Glass	57.92	
		For >50 To 200, Deduct	*-1.74*	
		For >200 To 400, Deduct	*-3.48*	
		For >400, Deduct	*-5.21*	
08 81 23 13-0037	SF	1/4" Thick, Frosted Factory Installed Glass	73.21	
		For >50 To 200, Deduct	*-2.20*	
		For >200 To 400, Deduct	*-4.39*	
		For >400, Deduct	*-6.59*	
08 81 23 13-0038	SF	3/8" Thick, Frosted Factory Installed Glass	109.44	
		For >50 To 200, Deduct	*-3.28*	
		For >200 To 400, Deduct	*-6.57*	
		For >400, Deduct	*-9.85*	
08 81 23 13-0039		**Fire Rated Factory Installed Glass** *(08 81 23 13)*		
08 81 23 13-0040		**Fire Rated Factory Installed Glass** *(08 81 23 13-0039)*		
08 81 23 13-0041	SF	20 Minute, Fire Rated Factory Installed Glass	49.05	
08 81 23 13-0042	SF	45 Minute, Fire Rated Factory Installed Glass	97.66	
08 81 23 13-0043	SF	60 Minute, Fire Rated Factory Installed Glass	150.94	
08 81 23 13-0044	SF	90 Minute, Fire Rated Factory Installed Glass	199.77	
08 81 23 13-0045		**Laminated Factory Installed Glass** *(08 81 23 13)*		
08 81 23 13-0046		**Laminated Glass With PVB Interlayer, Factory Installed Glass** *(08 81 23 13-0045)*		
		Note: Type I, Class I, Quality Q3.		
08 81 23 13-0047	SF	1/4" Thick, Laminated Glass With PVB Interlayer, Factory Installed Glass	27.97	
		For >50 To 200, Deduct	*-0.84*	
		For >200 To 400, Deduct	*-1.68*	
		For >400, Deduct	*-2.52*	
		For Tinted Glass, Add	*5.59*	
		For Reflective Coated Glass, Add	*8.39*	
		For Low-E Coated Glass, Add	*6.99*	
		For One Piece Heat Strengthened Glass, Add	*5.59*	
		For One Piece Fully Tempered Glass, Add	*5.59*	
08 81 23 13-0048	SF	3/8" Thick, Laminated Glass With PVB Interlayer, Factory Installed Glass	34.91	
		For >50 To 200, Deduct	*-1.05*	
		For >200 To 400, Deduct	*-2.09*	
		For >400, Deduct	*-3.14*	
		For Tinted Glass, Add	*6.98*	
		For Reflective Coated Glass, Add	*10.47*	
		For Low-E Coated Glass, Add	*8.73*	
		For One Piece Heat Strengthened Glass, Add	*6.98*	
		For One Piece Fully Tempered Glass, Add	*6.98*	
08 81 23 13-0049	SF	1/2" Thick, Laminated Glass With PVB Interlayer, Factory Installed Glass	40.34	
		For >50 To 200, Deduct	*-1.21*	
		For >200 To 400, Deduct	*-2.42*	
		For >400, Deduct	*-3.63*	
		For Tinted Glass, Add	*8.07*	
		For Reflective Coated Glass, Add	*12.10*	
		For Low-E Coated Glass, Add	*10.09*	
		For One Piece Heat Strengthened Glass, Add	*8.07*	
		For One Piece Fully Tempered Glass, Add	*8.07*	
08 81 23 13-0050		**Insulated Factory Installed Glass** *(08 81 23 13)*		
08 81 23 13-0051		**Insulated, Factory Installed Glass** *(08 81 23 13-0050)*		
		Note: Type I, Class I, Quality Q3.		
08 81 23 13-0052		**3/16" Air Space, Insulated, Factory Installed Glass** *(08 81 23 13-0051)*		
		Note: Type I, Class I, Quality Q3.		
08 81 23 13-0053	SF	3/8" Thick, Insulated Factory Installed Glass	20.87	
		Note: Two 3/32" lites with 3/16" air space.		
		For >50 To 200, Deduct	*-0.63*	
		For >200 To 400, Deduct	*-1.25*	
		For >400, Deduct	*-1.88*	
		For Tinted Glass, Add	*3.13*	
		For Reflective Coated Glass, Add	*6.26*	
		For Low-E Coated Glass, Add	*5.22*	
		For One Piece Heat Strengthened Glass, Add	*4.17*	
		For One Piece Fully Tempered Glass, Add	*4.17*	
		For One Piece Obscure Glass, Add	*8.87*	
		For Argon Gas, Add	*2.87*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 81 23 13-0054	SF	1/2" Thick, Insulated Factory Installed Glass Note: One 3/16" lite and one 1/8" lite with 3/16" air space.	22.80	
		For >50 To 200, Deduct	*-0.68*	
		For >200 To 400, Deduct	*-1.37*	
		For >400, Deduct	*-2.05*	
		For Tinted Glass, Add	*3.42*	
		For Reflective Coated Glass, Add	*6.84*	
		For Low-E Coated Glass, Add	*5.70*	
		For One Piece Heat Strengthened Glass, Add	*4.56*	
		For One Piece Fully Tempered Glass, Add	*4.56*	
		For One Piece Obscure Glass, Add	*9.69*	
		For Argon Gas, Add	*3.14*	
08 81 23 13-0055	SF	9/16" Thick, Insulated Factory Installed Glass Note: Two 3/16" lites with 3/16" air space.	22.84	
		For >50 To 200, Deduct	*-0.69*	
		For >200 To 400, Deduct	*-1.37*	
		For >400, Deduct	*-2.06*	
		For Tinted Glass, Add	*3.43*	
		For Reflective Coated Glass, Add	*6.85*	
		For Low-E Coated Glass, Add	*5.71*	
		For One Piece Heat Strengthened Glass, Add	*4.57*	
		For One Piece Fully Tempered Glass, Add	*4.57*	
		For One Piece Obscure Glass, Add	*9.71*	
		For Argon Gas, Add	*3.14*	

08 81 23 13-0056 1/4" Air Space, Insulated, Factory Installed Glass *(08 81 23 13-0051)*

Note: Type I, Class I, Quality Q3.

08 81 23 13-0057	SF	7/16" Thick, Insulated Factory Installed Glass Note: Two 3/32" lites with 1/4" air space.	21.48	
		For >50 To 200, Deduct	*-0.64*	
		For >200 To 400, Deduct	*-1.29*	
		For >400, Deduct	*-1.93*	
		For Tinted Glass, Add	*3.22*	
		For Reflective Coated Glass, Add	*6.44*	
		For Low-E Coated Glass, Add	*5.37*	
		For One Piece Heat Strengthened Glass, Add	*4.30*	
		For One Piece Fully Tempered Glass, Add	*4.30*	
		For One Piece Obscure Glass, Add	*9.13*	
		For Argon Gas, Add	*2.95*	
08 81 23 13-0058	SF	1/2" Thick, Insulated Factory Installed Glass Note: Two 1/8" lites with 1/4" air space.	22.80	
		For >50 To 200, Deduct	*-0.68*	
		For >200 To 400, Deduct	*-1.37*	
		For >400, Deduct	*-2.05*	
		For Tinted Glass, Add	*3.42*	
		For Reflective Coated Glass, Add	*6.84*	
		For Low-E Coated Glass, Add	*5.70*	
		For One Piece Heat Strengthened Glass, Add	*4.56*	
		For One Piece Fully Tempered Glass, Add	*4.56*	
		For One Piece Obscure Glass, Add	*9.69*	
		For Argon Gas, Add	*3.14*	
08 81 23 13-0059	SF	5/8" Thick, Insulated Factory Installed Glass Note: Two 3/16" lites with 1/4" air space.	23.06	
		For >50 To 200, Deduct	*-0.69*	
		For >200 To 400, Deduct	*-1.38*	
		For >400, Deduct	*-2.08*	
		For Tinted Glass, Add	*3.46*	
		For Reflective Coated Glass, Add	*6.92*	
		For Low-E Coated Glass, Add	*5.77*	
		For One Piece Heat Strengthened Glass, Add	*4.61*	
		For One Piece Fully Tempered Glass, Add	*4.61*	
		For One Piece Obscure Glass, Add	*9.80*	
		For Argon Gas, Add	*3.17*	
08 81 23 13-0060	SF	5/8" Thick, Insulated Factory Installed Glass Note: One 1/4" lite and one 1/8" lite with 1/4" air space.	23.06	
		For >50 To 200, Deduct	*-0.69*	
		For >200 To 400, Deduct	*-1.38*	
		For >400, Deduct	*-2.08*	
		For Tinted Glass, Add	*3.46*	
		For Reflective Coated Glass, Add	*6.92*	
		For Low-E Coated Glass, Add	*5.77*	
		For One Piece Heat Strengthened Glass, Add	*4.61*	
		For One Piece Fully Tempered Glass, Add	*4.61*	
		For One Piece Obscure Glass, Add	*9.80*	
		For Argon Gas, Add	*3.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 81 23 13-0061	SF	3/4" Thick, Insulated Factory Installed Glass Note: Two 1/4" lites with 1/4" air space.	26.36	
		For >50 To 200, Deduct	*-0.79*	
		For >200 To 400, Deduct	*-1.58*	
		For >400, Deduct	*-2.37*	
		For Tinted Glass, Add	*3.95*	
		For Reflective Coated Glass, Add	*7.91*	
		For Low-E Coated Glass, Add	*6.59*	
		For One Piece Heat Strengthened Glass, Add	*5.27*	
		For One Piece Fully Tempered Glass, Add	*5.27*	
		For One Piece Obscure Glass, Add	*11.20*	
		For Argon Gas, Add	*3.62*	
08 81 23 13-0062		3/8" Air Space, Insulated, Factory Installed Glass *(08 81 23 13-0051)* Note: Type I, Class I, Quality Q3.		
08 81 23 13-0063	SF	5/8" Thick, Insulated Factory Installed Glass Note: Two 1/8" lites with 3/8" air space.	23.06	
		For >50 To 200, Deduct	*-0.69*	
		For >200 To 400, Deduct	*-1.38*	
		For >400, Deduct	*-2.08*	
		For Tinted Glass, Add	*3.46*	
		For Reflective Coated Glass, Add	*6.92*	
		For Low-E Coated Glass, Add	*5.77*	
		For One Piece Heat Strengthened Glass, Add	*4.61*	
		For One Piece Fully Tempered Glass, Add	*4.61*	
		For One Piece Obscure Glass, Add	*9.80*	
		For Argon Gas, Add	*3.17*	
08 81 23 13-0064	SF	3/4" Thick, Insulated Factory Installed Glass Note: Two 3/16" lites with 3/8" air space.	24.16	
		For >50 To 200, Deduct	*-0.72*	
		For >200 To 400, Deduct	*-1.45*	
		For >400, Deduct	*-2.17*	
		For Tinted Glass, Add	*3.62*	
		For Reflective Coated Glass, Add	*7.25*	
		For Low-E Coated Glass, Add	*6.04*	
		For One Piece Heat Strengthened Glass, Add	*4.83*	
		For One Piece Fully Tempered Glass, Add	*4.83*	
		For One Piece Obscure Glass, Add	*10.27*	
		For Argon Gas, Add	*3.32*	
08 81 23 13-0065	SF	7/8" Thick, Insulated Factory Installed Glass Note: Two 1/4" lites with 3/8" air space.	26.80	
		For >50 To 200, Deduct	*-0.80*	
		For >200 To 400, Deduct	*-1.61*	
		For >400, Deduct	*-2.41*	
		For Tinted Glass, Add	*4.02*	
		For Reflective Coated Glass, Add	*8.04*	
		For Low-E Coated Glass, Add	*6.70*	
		For One Piece Heat Strengthened Glass, Add	*5.36*	
		For One Piece Fully Tempered Glass, Add	*5.36*	
		For One Piece Obscure Glass, Add	*11.39*	
		For Argon Gas, Add	*3.69*	
08 81 23 13-0066	SF	1" Thick, Insulated Factory Installed Glass Note: Two 5/16" lites with 3/8" air space.	30.27	
		For >50 To 200, Deduct	*-0.91*	
		For >200 To 400, Deduct	*-1.82*	
		For >400, Deduct	*-2.72*	
		For Tinted Glass, Add	*4.54*	
		For Reflective Coated Glass, Add	*9.08*	
		For Low-E Coated Glass, Add	*7.57*	
		For One Piece Heat Strengthened Glass, Add	*6.05*	
		For One Piece Fully Tempered Glass, Add	*6.05*	
		For One Piece Obscure Glass, Add	*12.86*	
		For Argon Gas, Add	*4.16*	
08 81 23 13-0067		1/2" Air Space, Insulated, Factory Installed Glass *(08 81 23 13-0051)* Note: Type I, Class I, Quality Q3.		
08 81 23 13-0068	SF	3/4" Thick, Insulated Factory Installed Glass Note: Two 1/8" lites with 1/2" air space.	24.16	
		For >50 To 200, Deduct	*-0.72*	
		For >200 To 400, Deduct	*-1.45*	
		For >400, Deduct	*-2.17*	
		For Tinted Glass, Add	*3.62*	
		For Reflective Coated Glass, Add	*7.25*	
		For Low-E Coated Glass, Add	*6.04*	
		For One Piece Heat Strengthened Glass, Add	*4.83*	
		For One Piece Fully Tempered Glass, Add	*4.83*	
		For One Piece Obscure Glass, Add	*10.27*	
		For Argon Gas, Add	*3.32*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 81 23 13-0069	SF	7/8" Thick, Insulated Factory Installed Glass Note: Two 3/16" lites with 1/2" air space.	26.80	
		For >50 To 200, Deduct	*-0.80*	
		For >200 To 400, Deduct	*-1.61*	
		For >400, Deduct	*-2.41*	
		For Tinted Glass, Add	*4.02*	
		For Reflective Coated Glass, Add	*8.04*	
		For Low-E Coated Glass, Add	*6.70*	
		For One Piece Heat Strengthened Glass, Add	*5.36*	
		For One Piece Fully Tempered Glass, Add	*5.36*	
		For One Piece Obscure Glass, Add	*11.39*	
		For Argon Gas, Add	*3.69*	
08 81 23 13-0070	SF	7/8" Thick, Insulated Factory Installed Glass Note: One 1/4" lite and one 1/8" lite with 1/2" air space.	26.80	
		For >50 To 200, Deduct	*-0.80*	
		For >200 To 400, Deduct	*-1.61*	
		For >400, Deduct	*-2.41*	
		For Tinted Glass, Add	*4.02*	
		For Reflective Coated Glass, Add	*8.04*	
		For Low-E Coated Glass, Add	*6.70*	
		For One Piece Heat Strengthened Glass, Add	*5.36*	
		For One Piece Fully Tempered Glass, Add	*5.36*	
		For One Piece Obscure Glass, Add	*11.39*	
		For Argon Gas, Add	*3.69*	
08 81 23 13-0071	SF	1" Thick, Insulated Factory Installed Glass Note: Two 1/4" lites with 1/2" air space.	29.30	
		For >50 To 200, Deduct	*-0.88*	
		For >200 To 400, Deduct	*-1.76*	
		For >400, Deduct	*-2.64*	
		For Tinted Glass, Add	*4.40*	
		For Reflective Coated Glass, Add	*8.79*	
		For Low-E Coated Glass, Add	*7.33*	
		For One Piece Heat Strengthened Glass, Add	*5.86*	
		For One Piece Fully Tempered Glass, Add	*5.86*	
		For One Piece Obscure Glass, Add	*12.45*	
		For Argon Gas, Add	*4.03*	

08 81 23 13-0072 Laminated Insulated Glass, Factory Installed Glass *(08 81 23 13-0050)*

08 81 23 13-0073	SF	1" Thick, Laminated Insulating Glass, Factory Installed Glass Note: Insulated glass units consisting of 1/4" thick inner pane, 3/16" air gap, and outer laminated pane of 0.060" PVB film between two layers 1/4" thick glass.	82.04	
		For >50 To 200, Deduct	*-2.46*	
		For >200 To 400, Deduct	*-4.92*	
		For >400, Deduct	*-7.38*	
		For Tinted Glass, Add	*12.31*	
		For Reflective Coated Glass, Add	*24.61*	
		For Low-E Coated Glass, Add	*20.51*	
		For Argon Gas, Add	*11.28*	
08 81 23 13-0074	SF	1-3/16" Thick, Laminated Insulating Glass, Factory Installed Glass Note: Insulated glass units consisting of 1/4" thick inner pane, 3/8" air gap, and outer laminated pane of 0.060" PVB film between two layers 1/4" thick glass.	99.62	
		For >50 To 200, Deduct	*-2.99*	
		For >200 To 400, Deduct	*-5.98*	
		For >400, Deduct	*-8.97*	
		For Tinted Glass, Add	*14.94*	
		For Reflective Coated Glass, Add	*29.89*	
		For Low-E Coated Glass, Add	*24.91*	
		For Argon Gas, Add	*13.70*	
08 81 23 13-0075	SF	1-5/16" Thick, Laminated Insulating Glass, Factory Installed Glass Note: Insulated glass units consisting of 1/4" thick inner pane, 1/2" air gap, and outer laminated pane of 0.060" PVB film between two layers 1/4" thick glass.	117.20	
		For >50 To 200, Deduct	*-3.52*	
		For >200 To 400, Deduct	*-7.03*	
		For >400, Deduct	*-10.55*	
		For Tinted Glass, Add	*17.58*	
		For Reflective Coated Glass, Add	*35.16*	
		For Low-E Coated Glass, Add	*29.30*	
		For Argon Gas, Add	*16.12*	

08 81 23 23 Field Installed Glass Glazing *(08 81 23)*

08 81 23 23-0001 Clear Float Field Installed Glass *(08 81 23 23)*

08 81 23 23-0002 Clear Float Field Installed Glass *(08 81 23 23-0001)*

Note: Type I, Class I, Quality Q3.

08 81 23 23-0003	SF	1/8" Thick, Clear Float Field Installed Glass	22.97	
		For >50 To 200, Deduct	*-0.24*	
		For >200 To 400, Deduct	*-0.48*	
		For >400, Deduct	*-0.72*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*14.98*	
		For Tinted Glass, Add	*2.00*	
		For Reflective Coated Glass, Add	*3.60*	
		For Low-E Coated Glass, Add	*2.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 81 23 23-0004	SF	3/16" Thick, Clear Float Field Installed Glass	24.70	
		For >50 To 200, Deduct	*-0.26*	
		For >200 To 400, Deduct	*-0.51*	
		For >400, Deduct	*-0.77*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*16.13*	
		For Tinted Glass, Add	*2.14*	
		For Reflective Coated Glass, Add	*3.86*	
		For Low-E Coated Glass, Add	*2.14*	
08 81 23 23-0005	SF	1/4" Thick, Clear Float Field Installed Glass	27.67	
		For >50 To 200, Deduct	*-0.31*	
		For >200 To 400, Deduct	*-0.62*	
		For >400, Deduct	*-0.94*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*17.28*	
		For Tinted Glass, Add	*2.60*	
		For Reflective Coated Glass, Add	*4.68*	
		For Low-E Coated Glass, Add	*2.60*	
08 81 23 23-0006	SF	5/16" Thick, Clear Float Field Installed Glass	36.86	
		For >50 To 200, Deduct	*-0.52*	
		For >200 To 400, Deduct	*-1.04*	
		For >400, Deduct	*-1.55*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*19.59*	
		For Tinted Glass, Add	*4.32*	
		For Reflective Coated Glass, Add	*7.77*	
		For Low-E Coated Glass, Add	*4.32*	
08 81 23 23-0007	SF	3/8" Thick, Clear Float Field Installed Glass	47.02	
		For >50 To 200, Deduct	*-0.75*	
		For >200 To 400, Deduct	*-1.51*	
		For >400, Deduct	*-2.26*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*21.89*	
		For Tinted Glass, Add	*6.28*	
		For Reflective Coated Glass, Add	*11.31*	
		For Low-E Coated Glass, Add	*6.28*	
08 81 23 23-0008	SF	1/2" Thick, Clear Float Field Installed Glass	51.81	
		For >50 To 200, Deduct	*-0.83*	
		For >200 To 400, Deduct	*-1.66*	
		For >400, Deduct	*-2.48*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*24.20*	
		For Tinted Glass, Add	*6.90*	
		For Reflective Coated Glass, Add	*12.42*	
		For Low-E Coated Glass, Add	*6.90*	
08 81 23 23-0009	SF	5/8" Thick, Clear Float Field Installed Glass	62.99	
		For >50 To 200, Deduct	*-0.99*	
		For >200 To 400, Deduct	*-1.98*	
		For >400, Deduct	*-2.97*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*29.96*	
		For Tinted Glass, Add	*8.26*	
		For Reflective Coated Glass, Add	*14.86*	
		For Low-E Coated Glass, Add	*8.26*	
08 81 23 23-0010	SF	3/4" Thick, Clear Float Field Installed Glass	76.53	
		For >50 To 200, Deduct	*-1.22*	
		For >200 To 400, Deduct	*-2.45*	
		For >400, Deduct	*-3.67*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*35.73*	
		For Tinted Glass, Add	*10.20*	
		For Reflective Coated Glass, Add	*18.36*	
		For Low-E Coated Glass, Add	*10.20*	

08 81 23 23-0011 Heat Treated Field Installed Glass *(08 81 23 23)*

08 81 23 23-0012 Tempered, Clear Float Field Installed Glass *(08 81 23 23-0011)*

Note: Type I, Class I, Quality Q3.

08 81 23 23-0013	SF	1/8" Thick, Tempered, Clear Float Field Installed Glass	26.86	
		For >50 To 200, Deduct	*-0.36*	
		For >200 To 400, Deduct	*-0.71*	
		For >400, Deduct	*-1.07*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*14.98*	
		For Tinted Glass, Add	*2.97*	
		For Reflective Coated Glass, Add	*5.35*	
		For Low-E Coated Glass, Add	*2.97*	
08 81 23 23-0014	SF	3/16" Thick, Tempered, Clear Float Field Installed Glass	28.83	
		For >50 To 200, Deduct	*-0.38*	
		For >200 To 400, Deduct	*-0.76*	
		For >400, Deduct	*-1.14*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*16.13*	
		For Tinted Glass, Add	*3.18*	
		For Reflective Coated Glass, Add	*5.72*	
		For Low-E Coated Glass, Add	*3.18*	
08 81 23 23-0015	SF	1/4" Thick, Tempered, Clear Float Field Installed Glass	32.73	
		For >50 To 200, Deduct	*-0.46*	
		For >200 To 400, Deduct	*-0.93*	
		For >400, Deduct	*-1.39*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*17.28*	
		For Tinted Glass, Add	*3.86*	
		For Reflective Coated Glass, Add	*6.95*	
		For Low-E Coated Glass, Add	*3.86*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 81 23 23-0016	SF	5/16" Thick, Tempered, Clear Float Field Installed Glass	45.31	
		For >50 To 200, Deduct	*-0.77*	
		For >200 To 400, Deduct	*-1.54*	
		For >400, Deduct	*-2.31*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*19.59*	
		For Tinted Glass, Add	*6.43*	
		For Reflective Coated Glass, Add	*11.57*	
		For Low-E Coated Glass, Add	*6.43*	
08 81 23 23-0017	SF	3/8" Thick, Tempered, Clear Float Field Installed Glass	59.26	
		For >50 To 200, Deduct	*-1.12*	
		For >200 To 400, Deduct	*-2.24*	
		For >400, Deduct	*-3.36*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*21.89*	
		For Tinted Glass, Add	*9.34*	
		For Reflective Coated Glass, Add	*16.82*	
		For Low-E Coated Glass, Add	*9.34*	
08 81 23 23-0018	SF	1/2" Thick, Tempered, Clear Float Field Installed Glass	65.26	
		For >50 To 200, Deduct	*-1.23*	
		For >200 To 400, Deduct	*-2.46*	
		For >400, Deduct	*-3.70*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*24.20*	
		For Tinted Glass, Add	*10.27*	
		For Reflective Coated Glass, Add	*18.48*	
		For Low-E Coated Glass, Add	*10.27*	
08 81 23 23-0019	SF	5/8" Thick, Tempered, Clear Float Field Installed Glass	79.08	
		For >50 To 200, Deduct	*-1.47*	
		For >200 To 400, Deduct	*-2.95*	
		For >400, Deduct	*-4.42*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*29.96*	
		For Tinted Glass, Add	*12.28*	
		For Reflective Coated Glass, Add	*22.10*	
		For Low-E Coated Glass, Add	*12.28*	
08 81 23 23-0020	SF	3/4" Thick, Tempered, Clear Float Field Installed Glass	96.41	
		For >50 To 200, Deduct	*-1.82*	
		For >200 To 400, Deduct	*-3.64*	
		For >400, Deduct	*-5.46*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*35.73*	
		For Tinted Glass, Add	*15.17*	
		For Reflective Coated Glass, Add	*27.31*	
		For Low-E Coated Glass, Add	*15.17*	
08 81 23 23-0021		Patterned Field Installed Glass *(08 81 23 23)*		
08 81 23 23-0022		Rough Obscure Field Installed Glass *(08 81 23 23-0021)*		
		Note: Class II, Form 3, Finish F1.		
08 81 23 23-0023	SF	1/4" Thick, Rough Obscure Field Installed Glass	72.81	
		For Glass Removal And Preparing Opening For New Glazing, Add	*17.28*	
08 81 23 23-0024		Patterned, Figured Field Installed Glass *(08 81 23 23-0021)*		
		Note: Kind HS, Type II, Class I, Form 3, Quality Q8, Finish F2, Pattern P4.		
08 81 23 23-0025	SF	1/8" Thick, Patterned, Figured Field Installed Glass	48.71	
		For Glass Removal And Preparing Opening For New Glazing, Add	*14.98*	
08 81 23 23-0026	SF	7/32" Thick, Patterned, Figured Field Installed Glass	50.44	
		For Glass Removal And Preparing Opening For New Glazing, Add	*16.71*	
08 81 23 23-0027		Wired Field Installed Glass *(08 81 23 23)*		
08 81 23 23-0028		Square Or Diamond Pattern, Wired Field Installed Glass *(08 81 23 23-0027)*		
		Note: Class I, Form 2, Mesh M1 Or M2, Pattern P2.		
08 81 23 23-0029	SF	1/4" Thick, Square Pattern, Wired Field Installed Glass	104.59	
		For Glass Removal And Preparing Opening For New Glazing, Add	*17.28*	
08 81 23 23-0030	SF	1/4" Thick, Diamond Pattern, Wired Field Installed Glass	104.59	
		For Glass Removal And Preparing Opening For New Glazing, Add	*17.28*	
08 81 23 23-0031		Polished, Wired Field Installed Glass *(08 81 23 23-0027)*		
08 81 23 23-0032	SF	1/4" Thick, Polished, Wired Field Installed Glass	112.73	
		For Glass Removal And Preparing Opening For New Glazing, Add	*17.28*	
08 81 23 23-0033		Frosted Field Installed Glass *(08 81 23 23)*		
08 81 23 23-0034		Frosted Field Installed Glass *(08 81 23 23-0033)*		
08 81 23 23-0035	SF	1/8" Thick, Frosted Field Installed Glass	59.13	
		For >50 To 200, Deduct	*-1.32*	
		For >200 To 400, Deduct	*-2.65*	
		For >400, Deduct	*-3.97*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*14.98*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 81 23 23-0036	SF	3/16" Thick, Frosted Field Installed Glass	74.05	
		For >50 To 200, Deduct	*-1.74*	
		For >200 To 400, Deduct	*-3.48*	
		For >400, Deduct	*-5.21*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*16.13*	
08 81 23 23-0037	SF	1/4" Thick, Frosted Field Installed Glass	90.49	
		For >50 To 200, Deduct	*-2.20*	
		For >200 To 400, Deduct	*-4.39*	
		For >400, Deduct	*-6.59*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*17.28*	
08 81 23 23-0038	SF	3/8" Thick, Frosted Field Installed Glass	131.33	
		For >50 To 200, Deduct	*-3.28*	
		For >200 To 400, Deduct	*-6.57*	
		For >400, Deduct	*-9.85*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*21.89*	

08 81 23 23-0039 Anti Graffiti, Thin Crystallized Glass Ceramic Panel *(08 81 23 23-0033)*

08 81 23 23-0040	SF	Anti Graffiti, Thin Crystallized Glass Ceramic Panel (TGP Neoparies LT)	83.95	
		For >50 To 200, Deduct	*-2.00*	
		For >200 To 400, Deduct	*-4.00*	
		For >400, Deduct	*-6.00*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*17.28*	

08 81 23 23-0041 Fire Rated Field Installed Glass *(08 81 23 23)*

08 81 23 23-0042 Fire Rated Field Installed Glass *(08 81 23 23-0041)*

08 81 23 23-0043	SF	20 Minute, Fire Rated Field Installed Glass	66.33	
		For Glass Removal And Preparing Opening For New Glazing, Add	*17.28*	
08 81 23 23-0044	SF	45 Minute, Fire Rated Field Installed Glass	114.94	
		For Glass Removal And Preparing Opening For New Glazing, Add	*17.28*	
08 81 23 23-0045	SF	60 Minute, Fire Rated Field Installed Glass	168.22	
		For Glass Removal And Preparing Opening For New Glazing, Add	*17.28*	
08 81 23 23-0046	SF	90 Minute, Fire Rated Field Installed Glass	217.05	
		For Glass Removal And Preparing Opening For New Glazing, Add	*17.28*	

08 81 23 23-0047 Laminated Field Installed Glass *(08 81 23 23)*

08 81 23 23-0048 Laminated Glass With PVB Interlayer, Field Installed Glass *(08 81 23 23-0047)*

Note: Type I, Class I, Quality Q3.

08 81 23 23-0049	SF	1/4" Thick, Laminated Glass With PVB Interlayer, Field Installed Glass	45.25	
		For >50 To 200, Deduct	*-0.84*	
		For >200 To 400, Deduct	*-1.68*	
		For >400, Deduct	*-2.52*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*17.28*	
		For Tinted Glass, Add	*5.59*	
		For Reflective Coated Glass, Add	*8.39*	
		For Low-E Coated Glass, Add	*6.99*	
		For One Piece Heat Strengthened Glass, Add	*5.59*	
		For One Piece Fully Tempered Glass, Add	*5.59*	
08 81 23 23-0050	SF	3/8" Thick, Laminated Glass With PVB Interlayer, Field Installed Glass	56.80	
		For >50 To 200, Deduct	*-1.05*	
		For >200 To 400, Deduct	*-2.09*	
		For >400, Deduct	*-3.14*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*21.89*	
		For Tinted Glass, Add	*6.98*	
		For Reflective Coated Glass, Add	*10.47*	
		For Low-E Coated Glass, Add	*8.73*	
		For One Piece Heat Strengthened Glass, Add	*6.98*	
		For One Piece Fully Tempered Glass, Add	*6.98*	
08 81 23 23-0051	SF	1/2" Thick, Laminated Glass With PVB Interlayer, Field Installed Glass	64.54	
		For >50 To 200, Deduct	*-1.21*	
		For >200 To 400, Deduct	*-2.42*	
		For >400, Deduct	*-3.63*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*24.20*	
		For Tinted Glass, Add	*8.07*	
		For Reflective Coated Glass, Add	*12.10*	
		For Low-E Coated Glass, Add	*10.09*	
		For One Piece Heat Strengthened Glass, Add	*8.07*	
		For One Piece Fully Tempered Glass, Add	*8.07*	
08 81 23 23-0052	SF	9/16" Thick, Laminated Glass With PVB Interlayer, Field Installed Glass	72.46	
		For >50 To 200, Deduct	*-1.36*	
		For >200 To 400, Deduct	*-2.72*	
		For >400, Deduct	*-4.08*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*27.08*	
		For Tinted Glass, Add	*9.08*	
		For Reflective Coated Glass, Add	*13.61*	
		For Low-E Coated Glass, Add	*11.35*	
		For One Piece Heat Strengthened Glass, Add	*9.08*	
		For One Piece Fully Tempered Glass, Add	*9.08*	

08 81 23 23-0053 Insulated Field Installed Glass *(08 81 23 23)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 81 23 23-0054		Insulated Glass, Field Installed Glass *(08 81 23 23-0053)* Note: Type I, Class I, Quality Q3.		
08 81 23 23-0055		3/16" Air Space, Insulated, Field Installed Glass *(08 81 23 23-0054)* Note: Type I, Class I, Quality Q3.		
08 81 23 23-0056	SF	3/8" Thick, Insulated Field Installed Glass Note: Two 3/32" lites with 3/16" air space.	40.23	
		For >50 To 200, Deduct	*-0.63*	
		For >200 To 400, Deduct	*-1.25*	
		For >400, Deduct	*-1.88*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*19.36*	
		For Tinted Glass, Add	*3.13*	
		For Reflective Coated Glass, Add	*6.26*	
		For Low-E Coated Glass, Add	*5.22*	
		For One Piece Heat Strengthened Glass, Add	*4.17*	
		For One Piece Fully Tempered Glass, Add	*4.17*	
		For One Piece Obscure Glass, Add	*8.87*	
		For Argon Gas, Add	*2.87*	
08 81 23 23-0057	SF	1/2" Thick, Insulated Field Installed Glass Note: One 3/16" lite and one 1/8" lite with 3/16" air space.	42.97	
		For >50 To 200, Deduct	*-0.68*	
		For >200 To 400, Deduct	*-1.37*	
		For >400, Deduct	*-2.05*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*20.17*	
		For Tinted Glass, Add	*3.42*	
		For Reflective Coated Glass, Add	*6.84*	
		For Low-E Coated Glass, Add	*5.70*	
		For One Piece Heat Strengthened Glass, Add	*4.56*	
		For One Piece Fully Tempered Glass, Add	*4.56*	
		For One Piece Obscure Glass, Add	*9.69*	
		For Argon Gas, Add	*3.14*	
08 81 23 23-0058	SF	9/16" Thick, Insulated Field Installed Glass Note: Two 3/16" lites with 3/16" air space.	43.35	
		For >50 To 200, Deduct	*-0.69*	
		For >200 To 400, Deduct	*-1.37*	
		For >400, Deduct	*-2.06*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*20.51*	
		For Tinted Glass, Add	*3.43*	
		For Reflective Coated Glass, Add	*6.85*	
		For Low-E Coated Glass, Add	*5.71*	
		For One Piece Heat Strengthened Glass, Add	*4.57*	
		For One Piece Fully Tempered Glass, Add	*4.57*	
		For One Piece Obscure Glass, Add	*9.71*	
		For Argon Gas, Add	*3.14*	
08 81 23 23-0059		1/4" Air Space, Insulated, Field Installed Glass *(08 81 23 23-0054)* Note: Type I, Class I, Quality Q3.		
08 81 23 23-0060	SF	7/16" Thick, Insulated Field Installed Glass Note: Two 3/32" lites with 1/4" air space.	41.19	
		For >50 To 200, Deduct	*-0.64*	
		For >200 To 400, Deduct	*-1.29*	
		For >400, Deduct	*-1.93*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*19.71*	
		For Tinted Glass, Add	*3.22*	
		For Reflective Coated Glass, Add	*6.44*	
		For Low-E Coated Glass, Add	*5.37*	
		For One Piece Heat Strengthened Glass, Add	*4.30*	
		For One Piece Fully Tempered Glass, Add	*4.30*	
		For One Piece Obscure Glass, Add	*9.13*	
		For Argon Gas, Add	*2.95*	
08 81 23 23-0061	SF	1/2" Thick, Insulated Field Installed Glass Note: Two 1/8" lites with 1/4" air space.	42.97	
		For >50 To 200, Deduct	*-0.68*	
		For >200 To 400, Deduct	*-1.37*	
		For >400, Deduct	*-2.05*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*20.17*	
		For Tinted Glass, Add	*3.42*	
		For Reflective Coated Glass, Add	*6.84*	
		For Low-E Coated Glass, Add	*5.70*	
		For One Piece Heat Strengthened Glass, Add	*4.56*	
		For One Piece Fully Tempered Glass, Add	*4.56*	
		For One Piece Obscure Glass, Add	*9.69*	
		For Argon Gas, Add	*3.14*	
08 81 23 23-0062	SF	5/8" Thick, Insulated Field Installed Glass Note: Two 3/16" lites with 1/4" air space.	44.57	
		For >50 To 200, Deduct	*-0.69*	
		For >200 To 400, Deduct	*-1.38*	
		For >400, Deduct	*-2.08*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*21.51*	
		For Tinted Glass, Add	*3.46*	
		For Reflective Coated Glass, Add	*6.92*	
		For Low-E Coated Glass, Add	*5.77*	
		For One Piece Heat Strengthened Glass, Add	*4.61*	
		For One Piece Fully Tempered Glass, Add	*4.61*	
		For One Piece Obscure Glass, Add	*9.80*	
		For Argon Gas, Add	*3.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 81 23 23-0063	SF	5/8" Thick, Insulated Field Installed Glass Note: One 1/4" lite and one 1/8" lite with 1/4" air space.	44.57	
		For >50 To 200, Deduct	*-0.69*	
		For >200 To 400, Deduct	*-1.38*	
		For >400, Deduct	*-2.08*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*21.51*	
		For Tinted Glass, Add	*3.46*	
		For Reflective Coated Glass, Add	*6.92*	
		For Low-E Coated Glass, Add	*5.77*	
		For One Piece Heat Strengthened Glass, Add	*4.61*	
		For One Piece Fully Tempered Glass, Add	*4.61*	
		For One Piece Obscure Glass, Add	*9.80*	
		For Argon Gas, Add	*3.17*	
08 81 23 23-0064	SF	3/4" Thick, Insulated Field Installed Glass Note: Two 1/4" lites with 1/4" air space.	49.84	
		For >50 To 200, Deduct	*-0.79*	
		For >200 To 400, Deduct	*-1.58*	
		For >400, Deduct	*-2.37*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*23.48*	
		For Tinted Glass, Add	*3.95*	
		For Reflective Coated Glass, Add	*7.91*	
		For Low-E Coated Glass, Add	*6.59*	
		For One Piece Heat Strengthened Glass, Add	*5.27*	
		For One Piece Fully Tempered Glass, Add	*5.27*	
		For One Piece Obscure Glass, Add	*11.20*	
		For Argon Gas, Add	*3.62*	

08 81 23 23-0065 3/8" Air Space, Insulated, Field Installed Glass *(08 81 23 23-0054)*

Note: Type I, Class I, Quality Q3.

08 81 23 23-0066	SF	5/8" Thick, Insulated Field Installed Glass Note: Two 1/8" lites with 3/8" air space.	44.57	
		For >50 To 200, Deduct	*-0.69*	
		For >200 To 400, Deduct	*-1.38*	
		For >400, Deduct	*-2.08*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*21.51*	
		For Tinted Glass, Add	*3.46*	
		For Reflective Coated Glass, Add	*6.92*	
		For Low-E Coated Glass, Add	*5.77*	
		For One Piece Heat Strengthened Glass, Add	*4.61*	
		For One Piece Fully Tempered Glass, Add	*4.61*	
		For One Piece Obscure Glass, Add	*9.80*	
		For Argon Gas, Add	*3.17*	
08 81 23 23-0067	SF	3/4" Thick, Insulated Field Installed Glass Note: Two 3/16" lites with 3/8" air space.	47.64	
		For >50 To 200, Deduct	*-0.72*	
		For >200 To 400, Deduct	*-1.45*	
		For >400, Deduct	*-2.17*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*23.48*	
		For Tinted Glass, Add	*3.62*	
		For Reflective Coated Glass, Add	*7.25*	
		For Low-E Coated Glass, Add	*6.04*	
		For One Piece Heat Strengthened Glass, Add	*4.83*	
		For One Piece Fully Tempered Glass, Add	*4.83*	
		For One Piece Obscure Glass, Add	*10.27*	
		For Argon Gas, Add	*3.32*	
08 81 23 23-0068	SF	7/8" Thick, Insulated Field Installed Glass Note: Two 1/4" lites with 3/8" air space.	50.77	
		For >50 To 200, Deduct	*-0.80*	
		For >200 To 400, Deduct	*-1.61*	
		For >400, Deduct	*-2.41*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*23.97*	
		For Tinted Glass, Add	*4.02*	
		For Reflective Coated Glass, Add	*8.04*	
		For Low-E Coated Glass, Add	*6.70*	
		For One Piece Heat Strengthened Glass, Add	*5.36*	
		For One Piece Fully Tempered Glass, Add	*5.36*	
		For One Piece Obscure Glass, Add	*11.39*	
		For Argon Gas, Add	*3.69*	
08 81 23 23-0069	SF	1" Thick, Insulated Field Installed Glass Note: Two 5/16" lites with 3/8" air space.	54.47	
		For >50 To 200, Deduct	*-0.91*	
		For >200 To 400, Deduct	*-1.82*	
		For >400, Deduct	*-2.72*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*24.20*	
		For Tinted Glass, Add	*4.54*	
		For Reflective Coated Glass, Add	*9.08*	
		For Low-E Coated Glass, Add	*7.57*	
		For One Piece Heat Strengthened Glass, Add	*6.05*	
		For One Piece Fully Tempered Glass, Add	*6.05*	
		For One Piece Obscure Glass, Add	*12.86*	
		For Argon Gas, Add	*4.16*	

08 81 23 23-0070 1/2" Air Space, Insulated, Field Installed Glass *(08 81 23 23-0054)*

Note: Type I, Class I, Quality Q3.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 81 23 23-0071	SF	3/4" Thick, Insulated Field Installed Glass Note: Two 1/8" lites with 1/2" air space.	47.64	
		For >50 To 200, Deduct	*-0.72*	
		For >200 To 400, Deduct	*-1.45*	
		For >400, Deduct	*-2.17*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*23.48*	
		For Tinted Glass, Add	*3.62*	
		For Reflective Coated Glass, Add	*7.25*	
		For Low-E Coated Glass, Add	*6.04*	
		For One Piece Heat Strengthened Glass, Add	*4.83*	
		For One Piece Fully Tempered Glass, Add	*4.83*	
		For One Piece Obscure Glass, Add	*10.27*	
		For Argon Gas, Add	*3.32*	
08 81 23 23-0072	SF	7/8" Thick, Insulated Field Installed Glass Note: Two 3/16" lites with 1/2" air space.	50.77	
		For >50 To 200, Deduct	*-0.80*	
		For >200 To 400, Deduct	*-1.61*	
		For >400, Deduct	*-2.41*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*23.97*	
		For Tinted Glass, Add	*4.02*	
		For Reflective Coated Glass, Add	*8.04*	
		For Low-E Coated Glass, Add	*6.70*	
		For One Piece Heat Strengthened Glass, Add	*5.36*	
		For One Piece Fully Tempered Glass, Add	*5.36*	
		For One Piece Obscure Glass, Add	*11.39*	
		For Argon Gas, Add	*3.69*	
08 81 23 23-0073	SF	7/8" Thick, Insulated Field Installed Glass Note: One 1/4" lite and one 1/8" lite with 1/2" air space.	50.77	
		For >50 To 200, Deduct	*-0.80*	
		For >200 To 400, Deduct	*-1.61*	
		For >400, Deduct	*-2.41*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*23.97*	
		For Tinted Glass, Add	*4.02*	
		For Reflective Coated Glass, Add	*8.04*	
		For Low-E Coated Glass, Add	*6.70*	
		For One Piece Heat Strengthened Glass, Add	*5.36*	
		For One Piece Fully Tempered Glass, Add	*5.36*	
		For One Piece Obscure Glass, Add	*11.39*	
		For Argon Gas, Add	*3.69*	
08 81 23 23-0074	SF	1" Thick, Insulated Field Installed Glass Note: Two 1/4" lites with 1/2" air space.	53.50	
		For >50 To 200, Deduct	*-0.88*	
		For >200 To 400, Deduct	*-1.76*	
		For >400, Deduct	*-2.64*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*24.20*	
		For Tinted Glass, Add	*4.40*	
		For Reflective Coated Glass, Add	*8.79*	
		For Low-E Coated Glass, Add	*7.33*	
		For One Piece Heat Strengthened Glass, Add	*5.86*	
		For One Piece Fully Tempered Glass, Add	*5.86*	
		For One Piece Obscure Glass, Add	*12.45*	
		For Argon Gas, Add	*4.03*	

08 81 23 23-0075 Laminated Insulated Glass, Field Installed Glass *(08 81 23 23-0053)*

08 81 23 23-0076	SF	1" Thick, Laminated Insulating Glass, Field Installed Glass. Note: Insulated glass units consisting of 1/4" thick inner pane, 3/16" air gap, and outer laminated pane of 0.060" PVB film between two layers 1/4" thick glass.	106.24	
		For >50 To 200, Deduct	*-2.46*	
		For >200 To 400, Deduct	*-4.92*	
		For >400, Deduct	*-7.38*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*24.20*	
		For Tinted Glass, Add	*12.31*	
		For Reflective Coated Glass, Add	*24.61*	
		For Low-E Coated Glass, Add	*20.51*	
		For Argon Gas, Add	*11.28*	
08 81 23 23-0077	SF	1-3/16" Thick, Laminated Insulating Glass, Field Installed Glass Note: Insulated glass units consisting of 1/4" thick inner pane, 3/8" air gap, and outer laminated pane of 0.060" PVB film between two layers 1/4" thick glass.	127.28	
		For >50 To 200, Deduct	*-2.99*	
		For >200 To 400, Deduct	*-5.98*	
		For >400, Deduct	*-8.97*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*27.66*	
		For Tinted Glass, Add	*14.94*	
		For Reflective Coated Glass, Add	*29.89*	
		For Low-E Coated Glass, Add	*24.91*	
		For Argon Gas, Add	*13.70*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 81 23 23-0078	SF	1-5/16" Thick, Laminated Insulating Glass, Field Installed Glass Note: Insulated glass units consisting of 1/4" thick inner pane, 1/2" air gap, and outer laminated pane of 0.060" PVB film between two layers 1/4" thick glass.	148.89	
		For >50 To 200, Deduct	*-3.52*	
		For >200 To 400, Deduct	*-7.03*	
		For >400, Deduct	*-10.55*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*31.69*	
		For Tinted Glass, Add	*17.58*	
		For Reflective Coated Glass, Add	*35.16*	
		For Low-E Coated Glass, Add	*29.30*	
		For Argon Gas, Add	*16.12*	
08 81 23 23-0079		Spandrel Field Installed Glass *(08 81 23 23)*		
08 81 23 23-0080		Monolithic Float Glass Panels Ceramic Back, Coated, Field Installed Glass *(08 81 23 23-0079)*		
08 81 23 23-0081	SF	1/4" - 5/16" Spandrel Glass, Up To 1,000 SF, Field Installed Glass	40.77	
		For Glass Removal And Preparing Opening For New Glazing, Add	*19.21*	
08 81 23 23-0082	SF	1/4" - 5/16" Spandrel Glass, >1,000 SF, Field Installed Glass	36.14	
		For Glass Removal And Preparing Opening For New Glazing, Add	*19.21*	
08 81 23 23-0083		Insulating Float Glass Panels Ceramic Back, Coated, Tempered, Field Installed Glass *(08 81 23 23-0079)*		
08 81 23 23-0084		1/4" Glass With 1" Fiberglass Insulation, Field Installed Glass *(08 81 23 23-0083)* Note: Also with aluminum foil vapor barrier.		
08 81 23 23-0085	SF	1/4" Spandrel Glass With 1" Fiberglass Insulation Up To 20,000 SF, Foil Vapor Barrier, Field Installed Glass	45.59	
		For Glass Removal And Preparing Opening For New Glazing, Add	*19.21*	
08 81 23 23-0086	SF	1/4" Spandrel Glass With 1" Fiberglass Insulation >20,000 SF, Foil Vapor Barrier, Field Installed Glass	40.35	
		For Glass Removal And Preparing Opening For New Glazing, Add	*19.21*	
08 81 23 23-0087		1/4" Glass With 3/4 To 7/8" Insulation, Field Installed Glass *(08 81 23 23-0083)*		
08 81 23 23-0088	SF	1/4" Spandrel Glass, 3/4" - 7/8" Insulation 24 Gauge Steel Interfacing, Field Installed Glass	54.69	
		For Glass Removal And Preparing Opening For New Glazing, Add	*19.21*	
08 81 23 23-0089	SF	1/4" Spandrel Glass, 3/4" - 7/8" Insulation 16 Gauge Steel Interfacing, Field Installed Glass	44.40	
		For Glass Removal And Preparing Opening For New Glazing, Add	*19.21*	
08 83		**Mirrors** *(08 80)* Note: Kind FT, Type I, Class I, Quality Q1.		
08 83 13		**Mirrored Glass Glazing** *(08 83)*		
08 83 13 00-0001		Mirror Glass *(08 83 13)*		
08 83 13 00-0002		One-Way Vision Glass (Transparent Mirrors) *(08 83 13 00-0001)*		
08 83 13 00-0003	SF	1/4" One-Way Vision Glass (Transparent Mirrors)	89.00	8.64
		For >50 To 200, Deduct	*-2.16*	
		For >200 To 400, Deduct	*-3.60*	
		For >400, Deduct	*-5.75*	
08 83 13 00-0004		Tempered, One-Way Vision Glass (Transparent Mirrors) *(08 83 13 00-0001)*		
08 83 13 00-0005	SF	1/4" Tempered, One-Way Vision Glass (Transparent Mirrors)	124.69	8.64
		For >50 To 200, Deduct	*-3.23*	
		For >200 To 400, Deduct	*-5.38*	
		For >400, Deduct	*-8.61*	
08 83 13 00-0006		Clear Mirror Glass *(08 83 13 00-0001)*		
08 83 13 00-0007	SF	1/8" Clear Mirror Glass	29.80	6.92
		For >50 To 200, Deduct	*-0.48*	
		For >200 To 400, Deduct	*-0.80*	
		For >400, Deduct	*-1.28*	
08 83 13 00-0008	SF	3/16" Clear Mirror Glass	35.25	8.07
		For >50 To 200, Deduct	*-0.58*	
		For >200 To 400, Deduct	*-0.97*	
		For >400, Deduct	*-1.55*	
08 83 13 00-0009	SF	1/4" Clear Mirror Glass	38.66	8.64
		For >50 To 200, Deduct	*-0.65*	
		For >200 To 400, Deduct	*-1.08*	
		For >400, Deduct	*-1.73*	
08 83 13 00-0010		Tempered, Clear Mirror Glass *(08 83 13 00-0001)*		
08 83 13 00-0011	SF	1/8" Tempered, Clear Mirror Glass	48.96	6.92
		For >50 To 200, Deduct	*-1.05*	
		For >200 To 400, Deduct	*-1.76*	
		For >400, Deduct	*-2.81*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 83 13 00-0012	SF	3/16" Tempered, Clear Mirror Glass	55.58	8.07
		For >50 To 200, Deduct	*-1.19*	
		For >200 To 400, Deduct	*-1.98*	
		For >400, Deduct	*-3.18*	
08 83 13 00-0013	SF	1/4" Tempered, Clear Mirror Glass	61.33	8.64
		For >50 To 200, Deduct	*-1.33*	
		For >200 To 400, Deduct	*-2.21*	
		For >400, Deduct	*-3.54*	
08 83 13 00-0014		Clear Mirror Glass With Laminated Safety Backing *(08 83 13 00-0001)*		
08 83 13 00-0015	SF	1/4" Clear Mirror Glass With Laminated Safety Backing	41.46	8.64
		For >50 To 200, Deduct	*-0.73*	
		For >200 To 400, Deduct	*-1.22*	
		For >400, Deduct	*-1.95*	
08 83 13 00-0016		Laminated Safety Mirror Glass *(08 83 13 00-0001)*		
		Note: Clear glass laminated to face of mirror with PVB interlayer.		
08 83 13 00-0017	SF	1/4" Laminated Safety Mirror Glass	79.45	8.64
		For >50 To 200, Deduct	*-1.87*	
		For >200 To 400, Deduct	*-3.12*	
		For >400, Deduct	*-4.99*	
08 83 13 00-0018		Accessories For Mirror Glass *(08 83 13)*		
08 83 13 00-0019	LF	1/8" Aluminum J-Channel For Mounting Mirror Glass	5.63	
08 83 13 00-0020	LF	3/16" Aluminum J-Channel For Mounting Mirror Glass	5.74	
08 83 13 00-0021	LF	1/4" Aluminum J-Channel For Mounting Mirror Glass	7.23	
08 83 13 00-0022	LF	Aluminum Frame For Mounting Mirror Glass	9.31	

08 84 Plastic Glazing *(08 80)*

08 84 00 00-0001		Clear Polycarbonate Glazing (GE Lexan) *(08 84)*		
		See CSI section 08 88 53 00-0026 for security rated polycarbonate glazing.		
08 84 00 00-0002	SF	1/8" Thick, Clear Polycarbonate Glazing (GE Lexan)	20.19	
		For >50 To 200, Deduct	*-0.47*	
		For >200 To 400, Deduct	*-0.93*	
		For >400, Deduct	*-1.40*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*10.87*	
08 84 00 00-0003	SF	3/16" Thick, Clear Polycarbonate Glazing (GE Lexan)	21.28	
		For >50 To 200, Deduct	*-0.50*	
		For >200 To 400, Deduct	*-1.00*	
		For >400, Deduct	*-1.50*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*11.30*	
08 84 00 00-0004	SF	1/4" Thick, Clear Polycarbonate Glazing (GE Lexan)	25.27	
		For >50 To 200, Deduct	*-0.68*	
		For >200 To 400, Deduct	*-1.35*	
		For >400, Deduct	*-2.03*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*11.75*	
08 84 00 00-0005	SF	3/8" Thick, Clear Polycarbonate Glazing (GE Lexan)	36.37	
		For >50 To 200, Deduct	*-1.21*	
		For >200 To 400, Deduct	*-2.43*	
		For >400, Deduct	*-3.64*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*12.08*	
08 84 00 00-0006	SF	1/2" Thick, Clear Polycarbonate Glazing (GE Lexan)	45.97	
		For >50 To 200, Deduct	*-1.65*	
		For >200 To 400, Deduct	*-3.30*	
		For >400, Deduct	*-4.95*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*12.96*	
08 84 00 00-0007		Mar-Resistant, Clear Polycarbonate Glazing (GE Lexan MR10) *(08 84)*		
08 84 00 00-0008	SF	1/8" Thick, Mar-Resistant, Clear Polycarbonate Glazing (GE Lexan MR10)	30.03	
		For >50 To 200, Deduct	*-0.96*	
		For >200 To 400, Deduct	*-1.92*	
		For >400, Deduct	*-2.87*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*10.87*	
08 84 00 00-0009	SF	3/16" Thick, Mar-Resistant, Clear Polycarbonate Glazing (GE Lexan MR10)	34.87	
		For >50 To 200, Deduct	*-1.18*	
		For >200 To 400, Deduct	*-2.36*	
		For >400, Deduct	*-3.54*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*11.30*	
08 84 00 00-0010	SF	1/4" Thick, Mar-Resistant, Clear Polycarbonate Glazing (GE Lexan MR10)	36.83	
		For >50 To 200, Deduct	*-1.25*	
		For >200 To 400, Deduct	*-2.51*	
		For >400, Deduct	*-3.76*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*11.75*	
08 84 00 00-0011	SF	3/8" Thick, Mar-Resistant, Clear Polycarbonate Glazing (GE Lexan MR10)	60.53	
		For >50 To 200, Deduct	*-2.42*	
		For >200 To 400, Deduct	*-4.85*	
		For >400, Deduct	*-7.27*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*12.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 84 00 00-0012	SF	1/2" Thick, Mar-Resistant, Clear Polycarbonate Glazing (GE Lexan MR10)	64.31	
		For >50 To 200, Deduct	*-2.57*	
		For >200 To 400, Deduct	*-5.14*	
		For >400, Deduct	*-7.70*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*12.96*	

08 84 00 00-0013 Clear Acrylic Glazing (Plexiglas) *(08 84)*

08 84 00 00-0014	SF	1/10" Thick, Clear Acrylic Glazing (Plexiglas)	14.54	
		For >50 To 200, Deduct	*-0.21*	
		For >200 To 400, Deduct	*-0.42*	
		For >400, Deduct	*-0.62*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*10.38*	
		For Colored, Add	*0.83*	
		For Shatterproof, Add	*2.50*	
		For Mirrored, Add	*3.33*	
08 84 00 00-0015	SF	1/8" Thick, Clear Acrylic Glazing (Plexiglas)	15.07	
		For >50 To 200, Deduct	*-0.21*	
		For >200 To 400, Deduct	*-0.42*	
		For >400, Deduct	*-0.63*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*10.87*	
		For Colored, Add	*0.84*	
		For Shatterproof, Add	*2.52*	
		For Mirrored, Add	*3.36*	
08 84 00 00-0016	SF	3/16" Thick, Clear Acrylic Glazing (Plexiglas)	17.86	
		For >50 To 200, Deduct	*-0.33*	
		For >200 To 400, Deduct	*-0.66*	
		For >400, Deduct	*-0.98*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*11.30*	
		For Colored, Add	*1.31*	
		For Shatterproof, Add	*3.94*	
		For Mirrored, Add	*5.25*	
08 84 00 00-0017	SF	1/4" Thick, Clear Acrylic Glazing (Plexiglas)	20.40	
		For >50 To 200, Deduct	*-0.43*	
		For >200 To 400, Deduct	*-0.87*	
		For >400, Deduct	*-1.30*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*11.75*	
		For Colored, Add	*1.73*	
		For Shatterproof, Add	*5.19*	
		For Mirrored, Add	*6.92*	
08 84 00 00-0018	SF	5/16" Thick, Clear Acrylic Glazing (Plexiglas)	20.87	
		For >50 To 200, Deduct	*-0.45*	
		For >200 To 400, Deduct	*-0.91*	
		For >400, Deduct	*-1.36*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*11.81*	
		For Colored, Add	*1.81*	
		For Shatterproof, Add	*5.44*	
		For Mirrored, Add	*7.25*	
08 84 00 00-0019	SF	3/8" Thick, Clear Acrylic Glazing (Plexiglas)	21.55	
		For >50 To 200, Deduct	*-0.47*	
		For >200 To 400, Deduct	*-0.95*	
		For >400, Deduct	*-1.42*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*12.08*	
		For Colored, Add	*1.89*	
		For Shatterproof, Add	*5.68*	
		For Mirrored, Add	*7.58*	
08 84 00 00-0020	SF	1/2" Thick, Clear Acrylic Glazing (Plexiglas)	25.48	
		For >50 To 200, Deduct	*-0.63*	
		For >200 To 400, Deduct	*-1.25*	
		For >400, Deduct	*-1.88*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*12.96*	
		For Colored, Add	*2.50*	
		For Shatterproof, Add	*7.51*	
		For Mirrored, Add	*10.02*	
08 84 00 00-0021	SF	3/4" Thick, Clear Acrylic Glazing (Plexiglas)	35.90	
		For >50 To 200, Deduct	*-0.98*	
		For >200 To 400, Deduct	*-1.95*	
		For >400, Deduct	*-2.93*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*16.40*	
08 84 00 00-0022	SF	1" Thick, Clear Acrylic Glazing (Plexiglas)	47.82	
		For >50 To 200, Deduct	*-1.50*	
		For >200 To 400, Deduct	*-3.00*	
		For >400, Deduct	*-4.50*	
		For Glass Removal And Preparing Opening For New Glazing, Add	*17.82*	

08 87 Glazing Surface Films *(08 80)*

08 87 13 Solar Control Films *(08 87)*

Note: Applied directly to one side of glazing with adhesive.

08 87 13 00-0001 Window Tinting And Film *(08 87 13)*

Note: Applied directly to one side of glazing with adhesive. Includes cleaning of window glazing prior to installation.

08 87 13 00-0002	SF	20% VLT, Bronze Window Tinting Film	11.05
08 87 13 00-0003	SF	50% VLT, Bronze Window Tinting Film	11.05

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 87 13 00-0004	SF	Tinted, Abrasion Resistant, Solar Control Window Film (3M Scotchtint™)	17.22	
08 87 13 00-0005	SF	Low E, Abrasion Resistant, Solar Control Window Film (3M Scotchtint™)	17.85	

08 87 23 Safety and Security Films *(08 87)*

08 87 23 16 Security Films *(08 87 23)*

Note: Applied directly to one side of glazing with adhesive and secured at window frame with clear silicone adhesive.

08 87 23 16-0001 High Performance, Security And Safety Glazing Films *(08 87 23 16)*

Note: Includes cleaning of window glazing prior to installation.

08 87 23 16-0002 Clear, High Performance, Security And Safety Glazing Films *(08 87 23 16-0001)*

08 87 23 16-0003	SF	0.002" Clear, High Performance, Security And Safety Glazing Film (3M Scotchshield™ SCLARL150)	17.51
		For >1,000 To 5,000, Deduct	*-0.80*
		For >5,000, Deduct	*-1.15*
08 87 23 16-0004	SF	0.004" Clear, High Performance, Security And Safety Glazing Film (3M Scotchshield™ SCLARL400)	18.70
		For >1,000 To 5,000, Deduct	*-0.84*
		For >5,000, Deduct	*-1.27*
08 87 23 16-0005	SF	0.006" Clear, High Performance, Security And Safety Glazing Film (3M Scotchshield™ Ultra600)	20.36
		For >1,000 To 5,000, Deduct	*-0.90*
		For >5,000, Deduct	*-1.43*

08 87 23 16-0006 Tinted, High Performance Sun/Solar, Security And Safety Glazing Films *(08 87 23 16-0001)*

08 87 23 16-0007	SF	0.004" Silver, 20% Transmission, High Performance Sun/Solar, Security And Safety Glazing Film (3M Scotchshield™ S20SIAR400)	20.02
		For >1,000 To 5,000, Deduct	*-0.89*
		For >5,000, Deduct	*-1.40*
08 87 23 16-0008	SF	0.004" Neutral, 35% Transmission, High Performance Sun/Solar, Security And Safety Glazing Film (3M Scotchshield™ S35NEAR400)	20.02
		For >1,000 To 5,000, Deduct	*-0.89*
		For >5,000, Deduct	*-1.40*
08 87 23 16-0009	SF	0.004" Neutral, 50% Transmission, High Performance Sun/Solar, Security And Safety Glazing Film (3M Scotchshield™ S50NEAR400)	20.02
		For >1,000 To 5,000, Deduct	*-0.89*
		For >5,000, Deduct	*-1.40*

08 87 23 16-0010 Security And Safety Glazing Films *(08 87 23 16)*

Note: Includes cleaning of window glazing prior to installation.

08 87 23 16-0011	SF	0.007" Clear Security And Safety Glazing Film (3M Scotchshield™ SH7CLARL)	16.19
		For >1,000 To 5,000, Deduct	*-0.75*
		For >5,000, Deduct	*-1.02*
08 87 23 16-0012	SF	0.008" Clear Security And Safety Glazing Film (3M Scotchshield™ SH8CLARL)	16.51
		For >1,000 To 5,000, Deduct	*-0.76*
		For >5,000, Deduct	*-1.05*
08 87 23 16-0013	SF	0.014" Clear Security And Safety Glazing Film (3M Scotchshield™ SH14CLARL)	19.51
		For >1,000 To 5,000, Deduct	*-0.87*
		For >5,000, Deduct	*-1.35*

08 87 23 16-0014 Anti-Graffiti Glazing Films *(08 87 23 16)*

Note: Includes cleaning of window glazing prior to installation.

08 87 23 16-0015	SF	0.004" Clear Anti-Graffiti Glazing Film (3M Scotchgard™ AG-4)	16.19
		For >1,000 To 5,000, Deduct	*-0.75*
		For >5,000, Deduct	*-1.02*
08 87 23 16-0016	SF	0.007" Clear Anti-Graffiti Glazing Film (3M Scotchgard™ AG-7)	16.51
		For >1,000 To 5,000, Deduct	*-0.76*
		For >5,000, Deduct	*-1.05*

08 88 Special Function Glazing *(08 80)*

08 88 53 Security Glazing *(08 88)*

08 88 53 00-0001 Forced Entry And/or Ballistic Resistant All Glass Laminate *(08 88 53)*

08 88 53 00-0002 Ballistic Resistant Glass *(08 88 53 00-0001)*

08 88 53 00-0003	SF	1.28" All Glass Laminate Ballistic Resistant Glass, 16.2 LB/SF, For A Single Piece, Up To 15 SF	145.66
		For Glass Removal And Preparing Opening For New Glazing, Add	*71.44*
08 88 53 00-0004	SF	1.28" All Glass Laminate Ballistic Resistant Glass, 16.2 LB/SF, For A Single Piece, >15 SF	170.81
		For Glass Removal And Preparing Opening For New Glazing, Add	*71.44*
08 88 53 00-0005	SF	1.55" All Glass Laminate Ballistic Resistant Glass, 21.2 LB/SF, For A Single Piece, Up To 15 SF	193.73
		For Glass Removal And Preparing Opening For New Glazing, Add	*80.67*
08 88 53 00-0006	SF	1.55" All Glass Laminate Ballistic Resistant Glass, 21.2 LB/SF, For A Single Piece, >15 SF	214.73
		For Glass Removal And Preparing Opening For New Glazing, Add	*80.67*
08 88 53 00-0007	SF	2.05" All Glass Laminate Ballistic Resistant Glass, 26.1 LB/SF, For A Single Piece, Up To 15 SF	244.06
		For Glass Removal And Preparing Opening For New Glazing, Add	*92.18*
08 88 53 00-0008	SF	2.05" All Glass Laminate Ballistic Resistant Glass, 26.1 LB/SF, For A Single Piece, >15 SF	260.94
		For Glass Removal And Preparing Opening For New Glazing, Add	*92.18*

08 88 53 00-0009 Forced Entry Resistant Glass *(08 88 53 00-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 88 53 00-0010	SF	5/16" Forced Entry Resistant Laminated Glass Sheet	53.60	
		For Glass Removal And Preparing Opening For New Glazing, Add	*18.00*	
08 88 53 00-0011	SF	1/2" Forced Entry Resistant Laminated Glass Sheet	60.83	
		For Glass Removal And Preparing Opening For New Glazing, Add	*19.21*	
08 88 53 00-0012	SF	11/16" Forced Entry Resistant Laminated Glass Sheet	69.35	
		For Glass Removal And Preparing Opening For New Glazing, Add	*20.58*	
08 88 53 00-0013	SF	7/8" Forced Entry Resistant Laminated Glass Sheet	83.86	
		For Glass Removal And Preparing Opening For New Glazing, Add	*22.16*	
08 88 53 00-0014		Glass Clad Polycarbonate *(08 88 53)*		
08 88 53 00-0015	SF	0.75" Ballistic Resistant Glass/Poly, 7.84 LB/SF	212.76	
		For Glass Removal And Preparing Opening For New Glazing, Add	*87.57*	
08 88 53 00-0016	SF	0.8125" Ballistic Resistant Glass/Poly, 8.99 LB/SF	237.98	
		For Glass Removal And Preparing Opening For New Glazing, Add	*101.41*	
08 88 53 00-0017	SF	0.9375" Ballistic Resistant Glass/Poly, 11.11 LB/SF	303.82	
		For Glass Removal And Preparing Opening For New Glazing, Add	*115.23*	
08 88 53 00-0018		Ballistic Resistant Acrylic *(08 88 53)*		
08 88 53 00-0019	SF	1.25" Ballistic Resistant Acrylic Glass, 7.7 LB/SF	363.96	
		For Glass Removal And Preparing Opening For New Glazing, Add	*87.57*	
08 88 53 00-0020	SF	1.378" Ballistic Resistant Acrylic Glass, 8.5 LB/SF	426.57	
		For Glass Removal And Preparing Opening For New Glazing, Add	*101.41*	
08 88 53 00-0021	SF	1.25" Ballistic Resistant Acrylic Glass, 7.5 LB/SF	570.45	
		For Glass Removal And Preparing Opening For New Glazing, Add	*115.23*	
08 88 53 00-0022		Ballistic Resistant Fiberglass *(08 88 53)*		
08 88 53 00-0023	SF	5/16" Ballistic Resistant Fiberglass, Level 1, 3.2 LB/SF	89.96	
		For Glass Removal And Preparing Opening For New Glazing, Add	*43.79*	
08 88 53 00-0024	SF	3/8" Ballistic Resistant Fiberglass, Level 2, 3.5 LB/SF	106.40	
		For Glass Removal And Preparing Opening For New Glazing, Add	*50.70*	
08 88 53 00-0025	SF	7/16" Ballistic Resistant Fiberglass, Level 3, 4.5 LB/SF	120.70	
		For Glass Removal And Preparing Opening For New Glazing, Add	*57.62*	
08 88 53 00-0026		Forced Entry And/or Ballistic Resistant Polycarbonate *(08 88 53)*		
08 88 53 00-0027		Forced Entry Resistant Monolithic Polycarbonate *(08 88 53 00-0026)* Note: GE-Lexan MR10.		
08 88 53 00-0028	SF	1/2" Overall Nominal Thickness, H.P. White TP-0500.01 Note: Level 1 or ASTM F1233, Class II (Step 5).	123.71	
		For Glass Removal And Preparing Opening For New Glazing, Add	*69.84*	
08 88 53 00-0029		Forced Entry Resistant Glass Clad Polycarbonate Laminate *(08 88 53 00-0026)* Note: Chemically strengthened clear glass laminated to each side of a polycarbonate core. GE-Insulgard.		
08 88 53 00-0030	SF	9/16" Overall Nominal Thickness, H.P. White TP-0500.01	152.94	
		For Glass Removal And Preparing Opening For New Glazing, Add	*86.43*	
08 88 53 00-0031		Forced Entry Resistant Polycarbonate Laminate *(08 88 53 00-0026)* Note: GE-Lexgard MPC-500.		
08 88 53 00-0032	SF	1/2" Overall Nominal Thickness, H.P. White TP-0500.01 Note: Level II (Step 12) Or ASTM 1233 Class III (Step 15).	188.18	
		For Glass Removal And Preparing Opening For New Glazing, Add	*92.18*	
08 88 53 00-0033		Fire Resistant, Forced Entry Resistant Polycarbonate Laminate *(08 88 53 00-0026)* Note: Wire glass clad. Chemically strengthened wire glass laminated to each side of a polycarbonate core. GE-Firegard.		
08 88 53 00-0034	SF	7/8" Overall Nominal Thickness, H.P. White TP-0500.01 Note: UL-9 Fire Resistant.	206.29	
		For Glass Removal And Preparing Opening For New Glazing, Add	*97.95*	
08 88 53 00-0035		Insulated, Forced Entry Resistant Polycarbonate Laminate *(08 88 53 00-0026)* Note: Glass clad. Chemically strengthened wire glass laminated to each side of a polycarbonate core. GE-Insulgard.		
08 88 53 00-0036	SF	1-5/16" Overall Nominal Thickness, H.P. White TP-0500.01 Note: Level I (1/4" tempered float glass, 1/2" airspace).	176.71	
		For Glass Removal And Preparing Opening For New Glazing, Add	*86.43*	
08 88 53 00-0037		Ballistic And Forced Entry Resistant Polycarbonate Laminate *(08 88 53 00-0026)*		
08 88 53 00-0038	SF	1" Nominal Thickness, Ballistic Or Forced Entry Resistant Note: 1" is the overall nominal thickness. (GE-Lexgard MP-1000) forced entry resistance: H.P. White TP-0500.01, level V (step 42) or ASTM 1233 class V (Step 40) ballistic resistance: UL 752, level 2-high powered small arms (.357 Magnum handgun).	407.81	
		For Glass Removal And Preparing Opening For New Glazing, Add	*191.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 88 53 00-0039	SF	1-1/4" Nominal Thickness, Ballistic Or Forced Entry Resistant Note: 1 1/4" is the overall nominal thickness. (GE-Lexgard MP-1000) forced entry resistance: H.P. White TP-0500.01, level V (Step 42) or ASTM 1233 class V (step 40) ballistic resistance: UL 752, level 3-super high powered small arms (.44 Magnum handgun).	412.92	
		For Glass Removal And Preparing Opening For New Glazing, Add	*191.28*	
08 88 53 00-0040		Ballistic Resistant Glass Clad Polycarbonate Laminate *(08 88 53 00-0026)* Note: Chemically strengthened clear glass laminated to attack side of a polycarbonate core.		
08 88 53 00-0041	SF	1-5/16" Overall Nominal Thickness, Ballistic Resistant Note: UL 752, Level 4 - Super High Powered Rifle (.30-06 Rifle), (GE-Armor-Gard).	271.40	
		For Glass Removal And Preparing Opening For New Glazing, Add	*129.06*	

08 90 Louvers and Vents *(08)*

08 91 Louvers *(08 90)*

08 91 13 Motorized Wall Louvers *(08 91)*

08 91 13 00-0001		Motorized Wall Louver Actuator *(08 91 13)* See CSI section 08 91 16 00-0001 for adjustable intake wall louvers.		
08 91 13 00-0002	EA	115 Volt Actuator For Adjustable Intake Louver	2,158.05	99.09
08 91 13 00-0003	EA	230 Volt Actuator For Adjustable Intake Louver	3,363.35	99.09
08 91 13 00-0004	EA	24 Volt Actuator For Adjustable Intake Louver	2,329.85	99.09
08 91 13 00-0005	EA	115 Volt Hazardous Location Actuator For Adjustable Intake Louver	9,404.59	99.09

08 91 16 Operable Wall Louvers *(08 91)*

08 91 16 00-0001		Adjustable Intake Wall Louvers *(08 91 16)* See CSI section 08 91 16 00-0137 for adjustable intake wall louver operators.		
08 91 16 00-0002	EA	12" Wide x 12" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	604.10	26.23
		For Flange Frame, Add	*55.16*	
		For Clear Lacquer Finish, Add	*110.33*	
		For Baked Enamel Standard Colors, Add	*165.49*	
		For Anodized Finish, Add	*220.66*	
		For Kynar® Standard Colors Finish, Add	*303.40*	
08 91 16 00-0003	EA	12" Wide x 18" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	755.35	32.06
		For Flange Frame, Add	*69.12*	
		For Clear Lacquer Finish, Add	*138.25*	
		For Baked Enamel Standard Colors, Add	*207.37*	
		For Anodized Finish, Add	*276.49*	
		For Kynar® Standard Colors Finish, Add	*380.18*	
08 91 16 00-0004	EA	12" Wide x 24" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	893.17	37.89
		For Flange Frame, Add	*81.74*	
		For Clear Lacquer Finish, Add	*163.48*	
		For Baked Enamel Standard Colors, Add	*245.22*	
		For Anodized Finish, Add	*326.96*	
		For Kynar® Standard Colors Finish, Add	*449.57*	
08 91 16 00-0005	EA	12" Wide x 30" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,045.76	43.72
		For Flange Frame, Add	*95.83*	
		For Clear Lacquer Finish, Add	*191.67*	
		For Baked Enamel Standard Colors, Add	*287.50*	
		For Anodized Finish, Add	*383.33*	
		For Kynar® Standard Colors Finish, Add	*527.08*	
08 91 16 00-0006	EA	12" Wide x 36" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,178.22	49.55
		For Flange Frame, Add	*107.91*	
		For Clear Lacquer Finish, Add	*215.83*	
		For Baked Enamel Standard Colors, Add	*323.74*	
		For Anodized Finish, Add	*431.65*	
		For Kynar® Standard Colors Finish, Add	*593.52*	
08 91 16 00-0007	EA	12" Wide x 42" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,392.54	55.38
		For Flange Frame, Add	*128.18*	
		For Clear Lacquer Finish, Add	*256.36*	
		For Baked Enamel Standard Colors, Add	*384.54*	
		For Anodized Finish, Add	*512.72*	
		For Kynar® Standard Colors Finish, Add	*704.99*	
08 91 16 00-0008	EA	12" Wide x 48" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,588.08	61.21
		For Flange Frame, Add	*146.57*	
		For Clear Lacquer Finish, Add	*293.14*	
		For Baked Enamel Standard Colors, Add	*439.70*	
		For Anodized Finish, Add	*586.27*	
		For Kynar® Standard Colors Finish, Add	*806.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 16 00-0009	EA	12" Wide x 54" High Adjustable Intake Louver, Galvanized Aluminum	1,762.61	69.95
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*162.27*	
		For Clear Lacquer Finish, Add	*324.54*	
		For Baked Enamel Standard Colors, Add	*486.82*	
		For Anodized Finish, Add	*649.09*	
		For Kynar® Standard Colors Finish, Add	*892.50*	
08 91 16 00-0010	EA	12" Wide x 60" High Adjustable Intake Louver, Galvanized Aluminum	1,880.30	75.77
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*172.88*	
		For Clear Lacquer Finish, Add	*345.75*	
		For Baked Enamel Standard Colors, Add	*518.63*	
		For Anodized Finish, Add	*691.50*	
		For Kynar® Standard Colors Finish, Add	*950.81*	
08 91 16 00-0011	EA	12" Wide x 66" High Adjustable Intake Louver, Galvanized Aluminum	2,028.87	81.60
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*186.57*	
		For Clear Lacquer Finish, Add	*373.13*	
		For Baked Enamel Standard Colors, Add	*559.70*	
		For Anodized Finish, Add	*746.26*	
		For Kynar® Standard Colors Finish, Add	*1,026.11*	
08 91 16 00-0012	EA	12" Wide x 72" High Adjustable Intake Louver, Galvanized Aluminum	2,158.63	87.43
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*198.38*	
		For Clear Lacquer Finish, Add	*396.75*	
		For Baked Enamel Standard Colors, Add	*595.13*	
		For Anodized Finish, Add	*793.51*	
		For Kynar® Standard Colors Finish, Add	*1,091.07*	
08 91 16 00-0013	EA	12" Wide x 78" High Adjustable Intake Louver, Galvanized Aluminum	2,325.99	93.26
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*213.95*	
		For Clear Lacquer Finish, Add	*427.89*	
		For Baked Enamel Standard Colors, Add	*641.84*	
		For Anodized Finish, Add	*855.79*	
		For Kynar® Standard Colors Finish, Add	*1,176.71*	
08 91 16 00-0014	EA	12" Wide x 84" High Adjustable Intake Louver, Galvanized Aluminum	2,486.63	99.09
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*228.85*	
		For Clear Lacquer Finish, Add	*457.69*	
		For Baked Enamel Standard Colors, Add	*686.54*	
		For Anodized Finish, Add	*915.38*	
		For Kynar® Standard Colors Finish, Add	*1,258.65*	
08 91 16 00-0015	EA	12" Wide x 90" High Adjustable Intake Louver, Galvanized Aluminum	2,685.32	107.83
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*246.97*	
		For Clear Lacquer Finish, Add	*493.93*	
		For Baked Enamel Standard Colors, Add	*740.90*	
		For Anodized Finish, Add	*987.86*	
		For Kynar® Standard Colors Finish, Add	*1,358.31*	
08 91 16 00-0016	EA	12" Wide x 96" High Adjustable Intake Louver, Galvanized Aluminum	2,830.31	116.57
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*259.72*	
		For Clear Lacquer Finish, Add	*519.43*	
		For Baked Enamel Standard Colors, Add	*779.15*	
		For Anodized Finish, Add	*1,038.86*	
		For Kynar® Standard Colors Finish, Add	*1,428.44*	
08 91 16 00-0017	EA	18" Wide x 12" High Adjustable Intake Louver, Galvanized Aluminum	676.16	32.06
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*61.20*	
		For Clear Lacquer Finish, Add	*122.41*	
		For Baked Enamel Standard Colors, Add	*183.61*	
		For Anodized Finish, Add	*244.82*	
		For Kynar® Standard Colors Finish, Add	*336.62*	
08 91 16 00-0018	EA	18" Wide x 18" High Adjustable Intake Louver, Galvanized Aluminum	853.36	40.80
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*77.18*	
		For Clear Lacquer Finish, Add	*154.35*	
		For Baked Enamel Standard Colors, Add	*231.53*	
		For Anodized Finish, Add	*308.70*	
		For Kynar® Standard Colors Finish, Add	*424.47*	
08 91 16 00-0019	EA	18" Wide x 24" High Adjustable Intake Louver, Galvanized Aluminum	1,001.93	46.63
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*90.87*	
		For Clear Lacquer Finish, Add	*181.73*	
		For Baked Enamel Standard Colors, Add	*272.60*	
		For Anodized Finish, Add	*363.47*	
		For Kynar® Standard Colors Finish, Add	*499.77*	
08 91 16 00-0020	EA	18" Wide x 30" High Adjustable Intake Louver, Galvanized Aluminum	1,246.70	58.29
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*113.01*	
		For Clear Lacquer Finish, Add	*226.03*	
		For Baked Enamel Standard Colors, Add	*339.04*	
		For Anodized Finish, Add	*452.05*	
		For Kynar® Standard Colors Finish, Add	*621.57*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 16 00-0021	EA	18" Wide x 36" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,419.43	64.12
		For Flange Frame, Add	*129.12*	
		For Clear Lacquer Finish, Add	*258.24*	
		For Baked Enamel Standard Colors, Add	*387.36*	
		For Anodized Finish, Add	*516.48*	
		For Kynar® Standard Colors Finish, Add	*710.16*	
08 91 16 00-0022	EA	18" Wide x 42" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,592.15	69.95
		For Flange Frame, Add	*145.23*	
		For Clear Lacquer Finish, Add	*290.45*	
		For Baked Enamel Standard Colors, Add	*435.68*	
		For Anodized Finish, Add	*580.90*	
		For Kynar® Standard Colors Finish, Add	*798.74*	
08 91 16 00-0023	EA	18" Wide x 48" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,799.77	75.77
		For Flange Frame, Add	*164.82*	
		For Clear Lacquer Finish, Add	*329.64*	
		For Baked Enamel Standard Colors, Add	*494.47*	
		For Anodized Finish, Add	*659.29*	
		For Kynar® Standard Colors Finish, Add	*906.52*	
08 91 16 00-0024	EA	18" Wide x 54" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,995.76	84.51
		For Flange Frame, Add	*182.67*	
		For Clear Lacquer Finish, Add	*365.35*	
		For Baked Enamel Standard Colors, Add	*548.02*	
		For Anodized Finish, Add	*730.69*	
		For Kynar® Standard Colors Finish, Add	*1,004.70*	
08 91 16 00-0025	EA	18" Wide x 60" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,151.50	93.26
		For Flange Frame, Add	*196.50*	
		For Clear Lacquer Finish, Add	*393.00*	
		For Baked Enamel Standard Colors, Add	*589.49*	
		For Anodized Finish, Add	*785.99*	
		For Kynar® Standard Colors Finish, Add	*1,080.74*	
08 91 16 00-0026	EA	18" Wide x 66" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,302.75	99.09
		For Flange Frame, Add	*210.46*	
		For Clear Lacquer Finish, Add	*420.91*	
		For Baked Enamel Standard Colors, Add	*631.37*	
		For Anodized Finish, Add	*841.83*	
		For Kynar® Standard Colors Finish, Add	*1,157.51*	
08 91 16 00-0027	EA	18" Wide x 72" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,444.60	104.91
		For Flange Frame, Add	*223.48*	
		For Clear Lacquer Finish, Add	*446.95*	
		For Baked Enamel Standard Colors, Add	*670.43*	
		For Anodized Finish, Add	*893.90*	
		For Kynar® Standard Colors Finish, Add	*1,229.12*	
08 91 16 00-0028	EA	18" Wide x 78" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,629.41	110.74
		For Flange Frame, Add	*240.79*	
		For Clear Lacquer Finish, Add	*481.58*	
		For Baked Enamel Standard Colors, Add	*722.37*	
		For Anodized Finish, Add	*963.16*	
		For Kynar® Standard Colors Finish, Add	*1,324.35*	
08 91 16 00-0029	EA	18" Wide x 84" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,807.49	116.57
		For Flange Frame, Add	*257.43*	
		For Clear Lacquer Finish, Add	*514.87*	
		For Baked Enamel Standard Colors, Add	*772.30*	
		For Anodized Finish, Add	*1,029.74*	
		For Kynar® Standard Colors Finish, Add	*1,415.89*	
08 91 16 00-0030	EA	18" Wide x 90" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	3,023.62	125.32
		For Flange Frame, Add	*277.30*	
		For Clear Lacquer Finish, Add	*554.60*	
		For Baked Enamel Standard Colors, Add	*831.90*	
		For Anodized Finish, Add	*1,109.20*	
		For Kynar® Standard Colors Finish, Add	*1,525.14*	
08 91 16 00-0031	EA	18" Wide x 96" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	3,186.06	134.06
		For Flange Frame, Add	*291.79*	
		For Clear Lacquer Finish, Add	*583.59*	
		For Baked Enamel Standard Colors, Add	*875.38*	
		For Anodized Finish, Add	*1,167.18*	
		For Kynar® Standard Colors Finish, Add	*1,604.87*	
08 91 16 00-0032	EA	24" Wide x 12" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	754.92	37.89
		For Flange Frame, Add	*67.92*	
		For Clear Lacquer Finish, Add	*135.83*	
		For Baked Enamel Standard Colors, Add	*203.75*	
		For Anodized Finish, Add	*271.66*	
		For Kynar® Standard Colors Finish, Add	*373.53*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 16 00-0033	EA	24" Wide x 18" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	958.98	46.63
		For Flange Frame, Add	*86.57*	
		For Clear Lacquer Finish, Add	*173.14*	
		For Baked Enamel Standard Colors, Add	*259.72*	
		For Anodized Finish, Add	*346.29*	
		For Kynar® Standard Colors Finish, Add	*476.15*	
08 91 16 00-0034	EA	24" Wide x 24" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,189.87	55.38
		For Flange Frame, Add	*107.91*	
		For Clear Lacquer Finish, Add	*215.83*	
		For Baked Enamel Standard Colors, Add	*323.74*	
		For Anodized Finish, Add	*431.65*	
		For Kynar® Standard Colors Finish, Add	*593.52*	
08 91 16 00-0035	EA	24" Wide x 30" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,402.44	67.04
		For Flange Frame, Add	*126.84*	
		For Clear Lacquer Finish, Add	*253.68*	
		For Baked Enamel Standard Colors, Add	*380.51*	
		For Anodized Finish, Add	*507.35*	
		For Kynar® Standard Colors Finish, Add	*697.61*	
08 91 16 00-0036	EA	24" Wide x 36" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,592.61	72.86
		For Flange Frame, Add	*144.69*	
		For Clear Lacquer Finish, Add	*289.38*	
		For Baked Enamel Standard Colors, Add	*434.07*	
		For Anodized Finish, Add	*578.76*	
		For Kynar® Standard Colors Finish, Add	*795.79*	
08 91 16 00-0037	EA	24" Wide x 42" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,793.52	78.68
		For Flange Frame, Add	*163.61*	
		For Clear Lacquer Finish, Add	*327.23*	
		For Baked Enamel Standard Colors, Add	*490.84*	
		For Anodized Finish, Add	*654.46*	
		For Kynar® Standard Colors Finish, Add	*899.88*	
08 91 16 00-0038	EA	24" Wide x 48" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,040.52	87.43
		For Flange Frame, Add	*186.57*	
		For Clear Lacquer Finish, Add	*373.13*	
		For Baked Enamel Standard Colors, Add	*559.70*	
		For Anodized Finish, Add	*746.26*	
		For Kynar® Standard Colors Finish, Add	*1,026.11*	
08 91 16 00-0039	EA	24" Wide x 54" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,246.38	99.09
		For Flange Frame, Add	*204.82*	
		For Clear Lacquer Finish, Add	*409.64*	
		For Baked Enamel Standard Colors, Add	*614.46*	
		For Anodized Finish, Add	*819.28*	
		For Kynar® Standard Colors Finish, Add	*1,126.51*	
08 91 16 00-0040	EA	24" Wide x 60" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,408.36	104.91
		For Flange Frame, Add	*219.85*	
		For Clear Lacquer Finish, Add	*439.70*	
		For Baked Enamel Standard Colors, Add	*659.56*	
		For Anodized Finish, Add	*879.41*	
		For Kynar® Standard Colors Finish, Add	*1,209.19*	
08 91 16 00-0041	EA	24" Wide x 66" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,582.00	116.57
		For Flange Frame, Add	*234.89*	
		For Clear Lacquer Finish, Add	*469.77*	
		For Baked Enamel Standard Colors, Add	*704.66*	
		For Anodized Finish, Add	*939.54*	
		For Kynar® Standard Colors Finish, Add	*1,291.87*	
08 91 16 00-0042	EA	24" Wide x 72" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,746.66	122.40
		For Flange Frame, Add	*250.19*	
		For Clear Lacquer Finish, Add	*500.37*	
		For Baked Enamel Standard Colors, Add	*750.56*	
		For Anodized Finish, Add	*1,000.74*	
		For Kynar® Standard Colors Finish, Add	*1,376.02*	
08 91 16 00-0043	EA	24" Wide x 78" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,971.73	128.23
		For Flange Frame, Add	*271.53*	
		For Clear Lacquer Finish, Add	*543.05*	
		For Baked Enamel Standard Colors, Add	*814.58*	
		For Anodized Finish, Add	*1,086.11*	
		For Kynar® Standard Colors Finish, Add	*1,493.40*	
08 91 16 00-0044	EA	24" Wide x 84" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	3,161.90	134.06
		For Flange Frame, Add	*289.38*	
		For Clear Lacquer Finish, Add	*578.76*	
		For Baked Enamel Standard Colors, Add	*868.13*	
		For Anodized Finish, Add	*1,157.51*	
		For Kynar® Standard Colors Finish, Add	*1,591.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 16 00-0045	EA	24" Wide x 90" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	3,400.86	142.80
		For Flange Frame, Add	*311.53*	
		For Clear Lacquer Finish, Add	*623.05*	
		For Baked Enamel Standard Colors, Add	*934.58*	
		For Anodized Finish, Add	*1,246.10*	
		For Kynar® Standard Colors Finish, Add	*1,713.39*	
08 91 16 00-0046	EA	24" Wide x 96" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	3,575.37	151.55
		For Flange Frame, Add	*327.23*	
		For Clear Lacquer Finish, Add	*654.46*	
		For Baked Enamel Standard Colors, Add	*981.68*	
		For Anodized Finish, Add	*1,308.91*	
		For Kynar® Standard Colors Finish, Add	*1,799.75*	
08 91 16 00-0047	EA	30" Wide x 12" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	840.40	43.72
		For Flange Frame, Add	*75.30*	
		For Clear Lacquer Finish, Add	*150.59*	
		For Baked Enamel Standard Colors, Add	*225.89*	
		For Anodized Finish, Add	*301.19*	
		For Kynar® Standard Colors Finish, Add	*414.13*	
08 91 16 00-0048	EA	30" Wide x 18" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,119.19	58.29
		For Flange Frame, Add	*100.26*	
		For Clear Lacquer Finish, Add	*200.52*	
		For Baked Enamel Standard Colors, Add	*300.79*	
		For Anodized Finish, Add	*401.05*	
		For Kynar® Standard Colors Finish, Add	*551.44*	
08 91 16 00-0049	EA	30" Wide x 24" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,329.96	67.04
		For Flange Frame, Add	*119.59*	
		For Clear Lacquer Finish, Add	*239.18*	
		For Baked Enamel Standard Colors, Add	*358.77*	
		For Anodized Finish, Add	*478.36*	
		For Kynar® Standard Colors Finish, Add	*657.75*	
08 91 16 00-0050	EA	30" Wide x 30" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,560.86	75.77
		For Flange Frame, Add	*140.93*	
		For Clear Lacquer Finish, Add	*281.86*	
		For Baked Enamel Standard Colors, Add	*422.79*	
		For Anodized Finish, Add	*563.72*	
		For Kynar® Standard Colors Finish, Add	*775.12*	
08 91 16 00-0051	EA	30" Wide x 36" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,768.48	81.60
		For Flange Frame, Add	*160.53*	
		For Clear Lacquer Finish, Add	*321.05*	
		For Baked Enamel Standard Colors, Add	*481.58*	
		For Anodized Finish, Add	*642.11*	
		For Kynar® Standard Colors Finish, Add	*882.90*	
08 91 16 00-0052	EA	30" Wide x 42" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,981.92	90.34
		For Flange Frame, Add	*180.12*	
		For Clear Lacquer Finish, Add	*360.25*	
		For Baked Enamel Standard Colors, Add	*540.37*	
		For Anodized Finish, Add	*720.49*	
		For Kynar® Standard Colors Finish, Add	*990.68*	
08 91 16 00-0053	EA	30" Wide x 48" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,240.55	96.17
		For Flange Frame, Add	*204.82*	
		For Clear Lacquer Finish, Add	*409.64*	
		For Baked Enamel Standard Colors, Add	*614.46*	
		For Anodized Finish, Add	*819.28*	
		For Kynar® Standard Colors Finish, Add	*1,126.51*	
08 91 16 00-0054	EA	30" Wide x 54" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,459.37	104.91
		For Flange Frame, Add	*224.95*	
		For Clear Lacquer Finish, Add	*449.91*	
		For Baked Enamel Standard Colors, Add	*674.86*	
		For Anodized Finish, Add	*899.81*	
		For Kynar® Standard Colors Finish, Add	*1,237.24*	
08 91 16 00-0055	EA	30" Wide x 60" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,640.14	110.74
		For Flange Frame, Add	*241.86*	
		For Clear Lacquer Finish, Add	*483.73*	
		For Baked Enamel Standard Colors, Add	*725.59*	
		For Anodized Finish, Add	*967.46*	
		For Kynar® Standard Colors Finish, Add	*1,330.25*	
08 91 16 00-0056	EA	30" Wide x 66" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,835.25	122.40
		For Flange Frame, Add	*259.05*	
		For Clear Lacquer Finish, Add	*518.09*	
		For Baked Enamel Standard Colors, Add	*777.14*	
		For Anodized Finish, Add	*1,036.18*	
		For Kynar® Standard Colors Finish, Add	*1,424.75*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 16 00-0057	EA	30" Wide x 72" High Adjustable Intake Louver, Galvanized Aluminum	3,023.20	131.15
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*276.09*	
		For Clear Lacquer Finish, Add	*552.18*	
		For Baked Enamel Standard Colors, Add	*828.27*	
		For Anodized Finish, Add	*1,104.36*	
		For Kynar® Standard Colors Finish, Add	*1,518.50*	
08 91 16 00-0058	EA	30" Wide x 78" High Adjustable Intake Louver, Galvanized Aluminum	3,263.03	136.97
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*298.91*	
		For Clear Lacquer Finish, Add	*597.82*	
		For Baked Enamel Standard Colors, Add	*896.72*	
		For Anodized Finish, Add	*1,195.63*	
		For Kynar® Standard Colors Finish, Add	*1,643.99*	
08 91 16 00-0059	EA	30" Wide x 84" High Adjustable Intake Louver, Galvanized Aluminum	3,470.65	142.80
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*318.50*	
		For Clear Lacquer Finish, Add	*637.01*	
		For Baked Enamel Standard Colors, Add	*955.51*	
		For Anodized Finish, Add	*1,274.02*	
		For Kynar® Standard Colors Finish, Add	*1,751.77*	
08 91 16 00-0060	EA	30" Wide x 90" High Adjustable Intake Louver, Galvanized Aluminum	3,721.67	151.55
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*341.86*	
		For Clear Lacquer Finish, Add	*683.72*	
		For Baked Enamel Standard Colors, Add	*1,025.57*	
		For Anodized Finish, Add	*1,367.43*	
		For Kynar® Standard Colors Finish, Add	*1,880.22*	
08 91 16 00-0061	EA	30" Wide x 96" High Adjustable Intake Louver, Galvanized Aluminum	3,920.36	160.29
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*359.98*	
		For Clear Lacquer Finish, Add	*719.96*	
		For Baked Enamel Standard Colors, Add	*1,079.93*	
		For Anodized Finish, Add	*1,439.91*	
		For Kynar® Standard Colors Finish, Add	*1,979.88*	
08 91 16 00-0062	EA	36" Wide x 12" High Adjustable Intake Louver, Galvanized Aluminum	919.17	49.55
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*82.01*	
		For Clear Lacquer Finish, Add	*164.02*	
		For Baked Enamel Standard Colors, Add	*246.02*	
		For Anodized Finish, Add	*328.03*	
		For Kynar® Standard Colors Finish, Add	*451.04*	
08 91 16 00-0063	EA	36" Wide x 18" High Adjustable Intake Louver, Galvanized Aluminum	1,246.28	64.12
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*111.81*	
		For Clear Lacquer Finish, Add	*223.61*	
		For Baked Enamel Standard Colors, Add	*335.42*	
		For Anodized Finish, Add	*447.22*	
		For Kynar® Standard Colors Finish, Add	*614.93*	
08 91 16 00-0064	EA	36" Wide x 24" High Adjustable Intake Louver, Galvanized Aluminum	1,458.39	72.86
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*131.27*	
		For Clear Lacquer Finish, Add	*262.53*	
		For Baked Enamel Standard Colors, Add	*393.80*	
		For Anodized Finish, Add	*525.07*	
		For Kynar® Standard Colors Finish, Add	*721.97*	
08 91 16 00-0065	EA	36" Wide x 30" High Adjustable Intake Louver, Galvanized Aluminum	1,712.11	81.60
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*154.89*	
		For Clear Lacquer Finish, Add	*309.78*	
		For Baked Enamel Standard Colors, Add	*464.67*	
		For Anodized Finish, Add	*619.56*	
		For Kynar® Standard Colors Finish, Add	*851.90*	
08 91 16 00-0066	EA	36" Wide x 36" High Adjustable Intake Louver, Galvanized Aluminum	1,947.55	88.59
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*177.04*	
		For Clear Lacquer Finish, Add	*354.07*	
		For Baked Enamel Standard Colors, Add	*531.11*	
		For Anodized Finish, Add	*708.14*	
		For Kynar® Standard Colors Finish, Add	*973.70*	
08 91 16 00-0067	EA	36" Wide x 42" High Adjustable Intake Louver, Galvanized Aluminum	2,168.07	96.17
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*197.57*	
		For Clear Lacquer Finish, Add	*395.14*	
		For Baked Enamel Standard Colors, Add	*592.72*	
		For Anodized Finish, Add	*790.29*	
		For Kynar® Standard Colors Finish, Add	*1,086.65*	
08 91 16 00-0068	EA	36" Wide x 48" High Adjustable Intake Louver, Galvanized Aluminum	2,457.56	102.00
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*225.36*	
		For Clear Lacquer Finish, Add	*450.71*	
		For Baked Enamel Standard Colors, Add	*676.07*	
		For Anodized Finish, Add	*901.42*	
		For Kynar® Standard Colors Finish, Add	*1,239.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 16 00-0069	EA	36" Wide x 54" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,704.57	110.74
		For Flange Frame, Add	*248.31*	
		For Clear Lacquer Finish, Add	*496.61*	
		For Baked Enamel Standard Colors, Add	*744.92*	
		For Anodized Finish, Add	*993.23*	
		For Kynar® Standard Colors Finish, Add	*1,365.69*	
08 91 16 00-0070	EA	36" Wide x 60" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,904.58	119.49
		For Flange Frame, Add	*266.56*	
		For Clear Lacquer Finish, Add	*533.12*	
		For Baked Enamel Standard Colors, Add	*799.68*	
		For Anodized Finish, Add	*1,066.24*	
		For Kynar® Standard Colors Finish, Add	*1,466.09*	
08 91 16 00-0071	EA	36" Wide x 66" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	3,109.98	128.23
		For Flange Frame, Add	*285.35*	
		For Clear Lacquer Finish, Add	*570.70*	
		For Baked Enamel Standard Colors, Add	*856.06*	
		For Anodized Finish, Add	*1,141.41*	
		For Kynar® Standard Colors Finish, Add	*1,569.44*	
08 91 16 00-0072	EA	36" Wide x 72" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	3,322.09	136.97
		For Flange Frame, Add	*304.81*	
		For Clear Lacquer Finish, Add	*609.63*	
		For Baked Enamel Standard Colors, Add	*914.44*	
		For Anodized Finish, Add	*1,219.26*	
		For Kynar® Standard Colors Finish, Add	*1,676.48*	
08 91 16 00-0073	EA	36" Wide x 78" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	3,584.74	142.80
		For Flange Frame, Add	*329.91*	
		For Clear Lacquer Finish, Add	*659.83*	
		For Baked Enamel Standard Colors, Add	*989.74*	
		For Anodized Finish, Add	*1,319.65*	
		For Kynar® Standard Colors Finish, Add	*1,814.52*	
08 91 16 00-0074	EA	36" Wide x 84" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	3,808.47	148.63
		For Flange Frame, Add	*351.12*	
		For Clear Lacquer Finish, Add	*702.24*	
		For Baked Enamel Standard Colors, Add	*1,053.36*	
		For Anodized Finish, Add	*1,404.48*	
		For Kynar® Standard Colors Finish, Add	*1,931.16*	
08 91 16 00-0075	EA	36" Wide x 90" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	4,093.04	157.38
		For Flange Frame, Add	*377.83*	
		For Clear Lacquer Finish, Add	*755.66*	
		For Baked Enamel Standard Colors, Add	*1,133.49*	
		For Anodized Finish, Add	*1,511.32*	
		For Kynar® Standard Colors Finish, Add	*2,078.06*	
08 91 16 00-0076	EA	36" Wide x 96" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	4,303.81	166.12
		For Flange Frame, Add	*397.16*	
		For Clear Lacquer Finish, Add	*794.31*	
		For Baked Enamel Standard Colors, Add	*1,191.47*	
		For Anodized Finish, Add	*1,588.63*	
		For Kynar® Standard Colors Finish, Add	*2,184.36*	
08 91 16 00-0077	EA	42" Wide x 12" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,052.96	55.38
		For Flange Frame, Add	*94.22*	
		For Clear Lacquer Finish, Add	*188.44*	
		For Baked Enamel Standard Colors, Add	*282.67*	
		For Anodized Finish, Add	*376.89*	
		For Kynar® Standard Colors Finish, Add	*518.22*	
08 91 16 00-0078	EA	42" Wide x 18" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,343.84	69.95
		For Flange Frame, Add	*120.40*	
		For Clear Lacquer Finish, Add	*240.79*	
		For Baked Enamel Standard Colors, Add	*361.19*	
		For Anodized Finish, Add	*481.58*	
		For Kynar® Standard Colors Finish, Add	*662.17*	
08 91 16 00-0079	EA	42" Wide x 24" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,580.11	78.68
		For Flange Frame, Add	*142.27*	
		For Clear Lacquer Finish, Add	*284.55*	
		For Baked Enamel Standard Colors, Add	*426.82*	
		For Anodized Finish, Add	*569.09*	
		For Kynar® Standard Colors Finish, Add	*782.50*	
08 91 16 00-0080	EA	42" Wide x 30" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,849.04	90.34
		For Flange Frame, Add	*166.84*	
		For Clear Lacquer Finish, Add	*333.67*	
		For Baked Enamel Standard Colors, Add	*500.51*	
		For Anodized Finish, Add	*667.34*	
		For Kynar® Standard Colors Finish, Add	*917.59*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 16 00-0081	EA	42" Wide x 36" High Adjustable Intake Louver, Galvanized Aluminum	2,100.96	96.17
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*190.86*	
		For Clear Lacquer Finish, Add	*381.72*	
		For Baked Enamel Standard Colors, Add	*572.58*	
		For Anodized Finish, Add	*763.44*	
		For Kynar® Standard Colors Finish, Add	*1,049.74*	
08 91 16 00-0082	EA	42" Wide x 42" High Adjustable Intake Louver, Galvanized Aluminum	2,339.45	102.00
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*213.54*	
		For Clear Lacquer Finish, Add	*427.09*	
		For Baked Enamel Standard Colors, Add	*640.63*	
		For Anodized Finish, Add	*854.18*	
		For Kynar® Standard Colors Finish, Add	*1,174.49*	
08 91 16 00-0083	EA	42" Wide x 48" High Adjustable Intake Louver, Galvanized Aluminum	2,654.45	107.83
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*243.88*	
		For Clear Lacquer Finish, Add	*487.76*	
		For Baked Enamel Standard Colors, Add	*731.63*	
		For Anodized Finish, Add	*975.51*	
		For Kynar® Standard Colors Finish, Add	*1,341.33*	
08 91 16 00-0084	EA	42" Wide x 54" High Adjustable Intake Louver, Galvanized Aluminum	2,905.47	116.57
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*267.23*	
		For Clear Lacquer Finish, Add	*534.46*	
		For Baked Enamel Standard Colors, Add	*801.70*	
		For Anodized Finish, Add	*1,068.93*	
		For Kynar® Standard Colors Finish, Add	*1,469.78*	
08 91 16 00-0085	EA	42" Wide x 60" High Adjustable Intake Louver, Galvanized Aluminum	3,130.99	125.32
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*288.04*	
		For Clear Lacquer Finish, Add	*576.07*	
		For Baked Enamel Standard Colors, Add	*864.11*	
		For Anodized Finish, Add	*1,152.14*	
		For Kynar® Standard Colors Finish, Add	*1,584.20*	
08 91 16 00-0086	EA	42" Wide x 66" High Adjustable Intake Louver, Galvanized Aluminum	3,341.76	134.06
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*307.36*	
		For Clear Lacquer Finish, Add	*614.73*	
		For Baked Enamel Standard Colors, Add	*922.09*	
		For Anodized Finish, Add	*1,229.46*	
		For Kynar® Standard Colors Finish, Add	*1,690.50*	
08 91 16 00-0087	EA	42" Wide x 72" High Adjustable Intake Louver, Galvanized Aluminum	3,572.66	142.80
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*328.71*	
		For Clear Lacquer Finish, Add	*657.41*	
		For Baked Enamel Standard Colors, Add	*986.12*	
		For Anodized Finish, Add	*1,314.82*	
		For Kynar® Standard Colors Finish, Add	*1,807.88*	
08 91 16 00-0088	EA	42" Wide x 78" High Adjustable Intake Louver, Galvanized Aluminum	3,855.44	148.63
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*355.82*	
		For Clear Lacquer Finish, Add	*711.63*	
		For Baked Enamel Standard Colors, Add	*1,067.45*	
		For Anodized Finish, Add	*1,423.27*	
		For Kynar® Standard Colors Finish, Add	*1,956.99*	
08 91 16 00-0089	EA	42" Wide x 84" High Adjustable Intake Louver, Galvanized Aluminum	4,100.64	154.46
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*379.17*	
		For Clear Lacquer Finish, Add	*758.34*	
		For Baked Enamel Standard Colors, Add	*1,137.52*	
		For Anodized Finish, Add	*1,516.69*	
		For Kynar® Standard Colors Finish, Add	*2,085.45*	
08 91 16 00-0090	EA	42" Wide x 90" High Adjustable Intake Louver, Galvanized Aluminum	4,420.12	163.21
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*409.37*	
		For Clear Lacquer Finish, Add	*818.74*	
		For Baked Enamel Standard Colors, Add	*1,228.11*	
		For Anodized Finish, Add	*1,637.48*	
		For Kynar® Standard Colors Finish, Add	*2,251.54*	
08 91 16 00-0091	EA	42" Wide x 96" High Adjustable Intake Louver, Galvanized Aluminum	4,640.28	171.95
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*429.64*	
		For Clear Lacquer Finish, Add	*859.28*	
		For Baked Enamel Standard Colors, Add	*1,288.91*	
		For Anodized Finish, Add	*1,718.55*	
		For Kynar® Standard Colors Finish, Add	*2,363.01*	
08 91 16 00-0092	EA	48" Wide x 12" High Adjustable Intake Louver, Galvanized Aluminum	1,138.45	61.21
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*101.61*	
		For Clear Lacquer Finish, Add	*203.21*	
		For Baked Enamel Standard Colors, Add	*304.82*	
		For Anodized Finish, Add	*406.42*	
		For Kynar® Standard Colors Finish, Add	*558.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 16 00-0093	EA	48" Wide x 18" High Adjustable Intake Louver, Galvanized Aluminum	1,448.12	75.77
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*129.66*	
		For Clear Lacquer Finish, Add	*259.31*	
		For Baked Enamel Standard Colors, Add	*388.97*	
		For Anodized Finish, Add	*518.63*	
		For Kynar® Standard Colors Finish, Add	*713.11*	
08 91 16 00-0094	EA	48" Wide x 24" High Adjustable Intake Louver, Galvanized Aluminum	1,715.71	87.43
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*154.09*	
		For Clear Lacquer Finish, Add	*308.17*	
		For Baked Enamel Standard Colors, Add	*462.26*	
		For Anodized Finish, Add	*616.34*	
		For Kynar® Standard Colors Finish, Add	*847.47*	
08 91 16 00-0095	EA	48" Wide x 30" High Adjustable Intake Louver, Galvanized Aluminum	1,993.58	96.17
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*180.12*	
		For Clear Lacquer Finish, Add	*360.25*	
		For Baked Enamel Standard Colors, Add	*540.37*	
		For Anodized Finish, Add	*720.49*	
		For Kynar® Standard Colors Finish, Add	*990.68*	
08 91 16 00-0096	EA	48" Wide x 36" High Adjustable Intake Louver, Galvanized Aluminum	2,272.34	102.00
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*206.83*	
		For Clear Lacquer Finish, Add	*413.67*	
		For Baked Enamel Standard Colors, Add	*620.50*	
		For Anodized Finish, Add	*827.33*	
		For Kynar® Standard Colors Finish, Add	*1,137.58*	
08 91 16 00-0097	EA	48" Wide x 42" High Adjustable Intake Louver, Galvanized Aluminum	2,541.70	107.83
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*232.60*	
		For Clear Lacquer Finish, Add	*465.21*	
		For Baked Enamel Standard Colors, Add	*697.81*	
		For Anodized Finish, Add	*930.41*	
		For Kynar® Standard Colors Finish, Add	*1,279.32*	
08 91 16 00-0098	EA	48" Wide x 48" High Adjustable Intake Louver, Galvanized Aluminum	2,875.94	116.57
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*264.28*	
		For Clear Lacquer Finish, Add	*528.56*	
		For Baked Enamel Standard Colors, Add	*792.84*	
		For Anodized Finish, Add	*1,057.12*	
		For Kynar® Standard Colors Finish, Add	*1,453.53*	
08 91 16 00-0099	EA	48" Wide x 54" High Adjustable Intake Louver, Galvanized Aluminum	3,151.12	125.32
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*290.05*	
		For Clear Lacquer Finish, Add	*580.10*	
		For Baked Enamel Standard Colors, Add	*870.15*	
		For Anodized Finish, Add	*1,160.20*	
		For Kynar® Standard Colors Finish, Add	*1,595.27*	
08 91 16 00-0100	EA	48" Wide x 60" High Adjustable Intake Louver, Galvanized Aluminum	3,388.74	134.06
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*312.06*	
		For Clear Lacquer Finish, Add	*624.12*	
		For Baked Enamel Standard Colors, Add	*936.19*	
		For Anodized Finish, Add	*1,248.25*	
		For Kynar® Standard Colors Finish, Add	*1,716.34*	
08 91 16 00-0101	EA	48" Wide x 66" High Adjustable Intake Louver, Galvanized Aluminum	3,630.37	142.80
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*334.48*	
		For Clear Lacquer Finish, Add	*668.95*	
		For Baked Enamel Standard Colors, Add	*1,003.43*	
		For Anodized Finish, Add	*1,337.90*	
		For Kynar® Standard Colors Finish, Add	*1,839.62*	
08 91 16 00-0102	EA	48" Wide x 72" High Adjustable Intake Louver, Galvanized Aluminum	3,866.63	151.55
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*356.35*	
		For Clear Lacquer Finish, Add	*712.71*	
		For Baked Enamel Standard Colors, Add	*1,069.06*	
		For Anodized Finish, Add	*1,425.42*	
		For Kynar® Standard Colors Finish, Add	*1,959.95*	
08 91 16 00-0103	EA	48" Wide x 78" High Adjustable Intake Louver, Galvanized Aluminum	4,187.00	157.38
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*387.23*	
		For Clear Lacquer Finish, Add	*774.45*	
		For Baked Enamel Standard Colors, Add	*1,161.68*	
		For Anodized Finish, Add	*1,548.90*	
		For Kynar® Standard Colors Finish, Add	*2,129.74*	
08 91 16 00-0104	EA	48" Wide x 84" High Adjustable Intake Louver, Galvanized Aluminum	4,452.33	163.21
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*412.59*	
		For Clear Lacquer Finish, Add	*825.18*	
		For Baked Enamel Standard Colors, Add	*1,237.78*	
		For Anodized Finish, Add	*1,650.37*	
		For Kynar® Standard Colors Finish, Add	*2,269.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 16 00-0105	EA	48" Wide x 90" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	4,780.75	169.03
		For Flange Frame, Add	*444.27*	
		For Clear Lacquer Finish, Add	*888.54*	
		For Baked Enamel Standard Colors, Add	*1,332.80*	
		For Anodized Finish, Add	*1,777.07*	
		For Kynar® Standard Colors Finish, Add	*2,443.47*	
08 91 16 00-0106	EA	48" Wide x 96" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	5,023.73	177.78
		For Flange Frame, Add	*466.82*	
		For Clear Lacquer Finish, Add	*933.63*	
		For Baked Enamel Standard Colors, Add	*1,400.45*	
		For Anodized Finish, Add	*1,867.27*	
		For Kynar® Standard Colors Finish, Add	*2,567.49*	
08 91 16 00-0107	EA	54" Wide x 12" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,322.37	69.95
		For Flange Frame, Add	*118.25*	
		For Clear Lacquer Finish, Add	*236.50*	
		For Baked Enamel Standard Colors, Add	*354.74*	
		For Anodized Finish, Add	*472.99*	
		For Kynar® Standard Colors Finish, Add	*650.36*	
08 91 16 00-0108	EA	54" Wide x 18" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,699.14	84.51
		For Flange Frame, Add	*153.01*	
		For Clear Lacquer Finish, Add	*306.02*	
		For Baked Enamel Standard Colors, Add	*459.03*	
		For Anodized Finish, Add	*612.04*	
		For Kynar® Standard Colors Finish, Add	*841.56*	
08 91 16 00-0109	EA	54" Wide x 24" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,991.36	99.09
		For Flange Frame, Add	*179.32*	
		For Clear Lacquer Finish, Add	*358.64*	
		For Baked Enamel Standard Colors, Add	*537.95*	
		For Anodized Finish, Add	*717.27*	
		For Kynar® Standard Colors Finish, Add	*986.25*	
08 91 16 00-0110	EA	54" Wide x 30" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,294.28	104.91
		For Flange Frame, Add	*208.44*	
		For Clear Lacquer Finish, Add	*416.89*	
		For Baked Enamel Standard Colors, Add	*625.33*	
		For Anodized Finish, Add	*833.78*	
		For Kynar® Standard Colors Finish, Add	*1,146.44*	
08 91 16 00-0111	EA	54" Wide x 36" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,624.04	110.74
		For Flange Frame, Add	*240.25*	
		For Clear Lacquer Finish, Add	*480.51*	
		For Baked Enamel Standard Colors, Add	*720.76*	
		For Anodized Finish, Add	*961.02*	
		For Kynar® Standard Colors Finish, Add	*1,321.40*	
08 91 16 00-0112	EA	54" Wide x 42" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,918.89	116.57
		For Flange Frame, Add	*268.57*	
		For Clear Lacquer Finish, Add	*537.15*	
		For Baked Enamel Standard Colors, Add	*805.72*	
		For Anodized Finish, Add	*1,074.30*	
		For Kynar® Standard Colors Finish, Add	*1,477.16*	
08 91 16 00-0113	EA	54" Wide x 48" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	3,308.16	125.32
		For Flange Frame, Add	*305.75*	
		For Clear Lacquer Finish, Add	*611.51*	
		For Baked Enamel Standard Colors, Add	*917.26*	
		For Anodized Finish, Add	*1,223.01*	
		For Kynar® Standard Colors Finish, Add	*1,681.64*	
08 91 16 00-0114	EA	54" Wide x 54" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	3,686.70	134.06
		For Flange Frame, Add	*341.86*	
		For Clear Lacquer Finish, Add	*683.72*	
		For Baked Enamel Standard Colors, Add	*1,025.57*	
		For Anodized Finish, Add	*1,367.43*	
		For Kynar® Standard Colors Finish, Add	*1,880.22*	
08 91 16 00-0115	EA	54" Wide x 60" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	3,968.61	142.80
		For Flange Frame, Add	*368.30*	
		For Clear Lacquer Finish, Add	*736.60*	
		For Baked Enamel Standard Colors, Add	*1,104.90*	
		For Anodized Finish, Add	*1,473.20*	
		For Kynar® Standard Colors Finish, Add	*2,025.65*	
08 91 16 00-0116	EA	54" Wide x 66" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	4,246.47	151.55
		For Flange Frame, Add	*394.34*	
		For Clear Lacquer Finish, Add	*788.68*	
		For Baked Enamel Standard Colors, Add	*1,183.01*	
		For Anodized Finish, Add	*1,577.35*	
		For Kynar® Standard Colors Finish, Add	*2,168.86*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 16 00-0117	EA	54" Wide x 72" High Adjustable Intake Louver, Galvanized Aluminum	4,515.84	157.38
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*420.11*	
		For Clear Lacquer Finish, Add	*840.22*	
		For Baked Enamel Standard Colors, Add	*1,260.33*	
		For Anodized Finish, Add	*1,680.44*	
		For Kynar® Standard Colors Finish, Add	*2,310.60*	
08 91 16 00-0118	EA	54" Wide x 78" High Adjustable Intake Louver, Galvanized Aluminum	4,873.78	163.21
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*454.74*	
		For Clear Lacquer Finish, Add	*909.47*	
		For Baked Enamel Standard Colors, Add	*1,364.21*	
		For Anodized Finish, Add	*1,818.95*	
		For Kynar® Standard Colors Finish, Add	*2,501.05*	
08 91 16 00-0119	EA	54" Wide x 84" High Adjustable Intake Louver, Galvanized Aluminum	5,171.33	169.03
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*483.33*	
		For Clear Lacquer Finish, Add	*966.65*	
		For Baked Enamel Standard Colors, Add	*1,449.98*	
		For Anodized Finish, Add	*1,933.30*	
		For Kynar® Standard Colors Finish, Add	*2,658.29*	
08 91 16 00-0120	EA	54" Wide x 90" High Adjustable Intake Louver, Galvanized Aluminum	5,556.12	174.86
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*520.64*	
		For Clear Lacquer Finish, Add	*1,041.28*	
		For Baked Enamel Standard Colors, Add	*1,561.92*	
		For Anodized Finish, Add	*2,082.56*	
		For Kynar® Standard Colors Finish, Add	*2,863.51*	
08 91 16 00-0121	EA	54" Wide x 96" High Adjustable Intake Louver, Galvanized Aluminum	5,840.71	183.61
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*547.35*	
		For Clear Lacquer Finish, Add	*1,094.70*	
		For Baked Enamel Standard Colors, Add	*1,642.05*	
		For Anodized Finish, Add	*2,189.40*	
		For Kynar® Standard Colors Finish, Add	*3,010.42*	
08 91 16 00-0122	EA	60" Wide x 12" High Adjustable Intake Louver, Galvanized Aluminum	1,402.48	75.77
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*125.09*	
		For Clear Lacquer Finish, Add	*250.19*	
		For Baked Enamel Standard Colors, Add	*375.28*	
		For Anodized Finish, Add	*500.37*	
		For Kynar® Standard Colors Finish, Add	*688.01*	
08 91 16 00-0123	EA	60" Wide x 18" High Adjustable Intake Louver, Galvanized Aluminum	1,809.24	93.26
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*162.27*	
		For Clear Lacquer Finish, Add	*324.54*	
		For Baked Enamel Standard Colors, Add	*486.82*	
		For Anodized Finish, Add	*649.09*	
		For Kynar® Standard Colors Finish, Add	*892.50*	
08 91 16 00-0124	EA	60" Wide x 24" High Adjustable Intake Louver, Galvanized Aluminum	2,110.40	104.91
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*190.06*	
		For Clear Lacquer Finish, Add	*380.11*	
		For Baked Enamel Standard Colors, Add	*570.17*	
		For Anodized Finish, Add	*760.22*	
		For Kynar® Standard Colors Finish, Add	*1,045.31*	
08 91 16 00-0125	EA	60" Wide x 30" High Adjustable Intake Louver, Galvanized Aluminum	2,444.18	110.74
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*222.27*	
		For Clear Lacquer Finish, Add	*444.54*	
		For Baked Enamel Standard Colors, Add	*666.80*	
		For Anodized Finish, Add	*889.07*	
		For Kynar® Standard Colors Finish, Add	*1,222.47*	
08 91 16 00-0126	EA	60" Wide x 36" High Adjustable Intake Louver, Galvanized Aluminum	2,791.83	119.49
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*255.29*	
		For Clear Lacquer Finish, Add	*510.57*	
		For Baked Enamel Standard Colors, Add	*765.86*	
		For Anodized Finish, Add	*1,021.14*	
		For Kynar® Standard Colors Finish, Add	*1,404.07*	
08 91 16 00-0127	EA	60" Wide x 42" High Adjustable Intake Louver, Galvanized Aluminum	3,104.15	125.32
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*285.35*	
		For Clear Lacquer Finish, Add	*570.70*	
		For Baked Enamel Standard Colors, Add	*856.06*	
		For Anodized Finish, Add	*1,141.41*	
		For Kynar® Standard Colors Finish, Add	*1,569.44*	
08 91 16 00-0128	EA	60" Wide x 48" High Adjustable Intake Louver, Galvanized Aluminum	3,521.61	134.06
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*325.35*	
		For Clear Lacquer Finish, Add	*650.70*	
		For Baked Enamel Standard Colors, Add	*976.05*	
		For Anodized Finish, Add	*1,301.40*	
		For Kynar® Standard Colors Finish, Add	*1,789.42*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 16 00-0129	EA	60" Wide x 54" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	3,910.89	142.80
		For Flange Frame, Add	*362.53*	
		For Clear Lacquer Finish, Add	*725.06*	
		For Baked Enamel Standard Colors, Add	*1,087.58*	
		For Anodized Finish, Add	*1,450.11*	
		For Kynar® Standard Colors Finish, Add	*1,993.90*	
08 91 16 00-0130	EA	60" Wide x 60" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	4,212.92	151.55
		For Flange Frame, Add	*390.98*	
		For Clear Lacquer Finish, Add	*781.97*	
		For Baked Enamel Standard Colors, Add	*1,172.95*	
		For Anodized Finish, Add	*1,563.93*	
		For Kynar® Standard Colors Finish, Add	*2,150.41*	
08 91 16 00-0131	EA	60" Wide x 66" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	4,509.59	160.29
		For Flange Frame, Add	*418.90*	
		For Clear Lacquer Finish, Add	*837.80*	
		For Baked Enamel Standard Colors, Add	*1,256.70*	
		For Anodized Finish, Add	*1,675.60*	
		For Kynar® Standard Colors Finish, Add	*2,303.96*	
08 91 16 00-0132	EA	60" Wide x 72" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	4,796.40	166.12
		For Flange Frame, Add	*446.42*	
		For Clear Lacquer Finish, Add	*892.83*	
		For Baked Enamel Standard Colors, Add	*1,339.25*	
		For Anodized Finish, Add	*1,785.66*	
		For Kynar® Standard Colors Finish, Add	*2,455.29*	
08 91 16 00-0133	EA	60" Wide x 78" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	5,185.22	171.95
		For Flange Frame, Add	*484.13*	
		For Clear Lacquer Finish, Add	*968.26*	
		For Baked Enamel Standard Colors, Add	*1,452.40*	
		For Anodized Finish, Add	*1,936.53*	
		For Kynar® Standard Colors Finish, Add	*2,662.73*	
08 91 16 00-0134	EA	60" Wide x 84" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	5,497.53	177.78
		For Flange Frame, Add	*514.20*	
		For Clear Lacquer Finish, Add	*1,028.39*	
		For Baked Enamel Standard Colors, Add	*1,542.59*	
		For Anodized Finish, Add	*2,056.79*	
		For Kynar® Standard Colors Finish, Add	*2,828.08*	
08 91 16 00-0135	EA	60" Wide x 90" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	5,902.45	183.61
		For Flange Frame, Add	*553.52*	
		For Clear Lacquer Finish, Add	*1,107.05*	
		For Baked Enamel Standard Colors, Add	*1,660.57*	
		For Anodized Finish, Add	*2,214.09*	
		For Kynar® Standard Colors Finish, Add	*3,044.38*	
08 91 16 00-0136	EA	60" Wide x 96" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	6,198.64	189.44
		For Flange Frame, Add	*581.98*	
		For Clear Lacquer Finish, Add	*1,163.96*	
		For Baked Enamel Standard Colors, Add	*1,745.93*	
		For Anodized Finish, Add	*2,327.91*	
		For Kynar® Standard Colors Finish, Add	*3,200.88*	
08 91 16 00-0137		Adjustable Intake Wall Louvers Operators *(08 91 16)*		
08 91 16 00-0138	EA	5' Chain Actuator For Adjustable Intake Louver	348.21	29.15
08 91 16 00-0139	EA	Panel Crank For Adjustable Intake Louver	799.11	11.66
08 91 19		**Fixed Louvers** *(08 91)*		
08 91 19 00-0001		Fixed Intake Wall Louvers *(08 91 19)*		
08 91 19 00-0002	EA	12" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	457.80	26.23
		For Flange Frame, Add	*40.53*	
		For Clear Lacquer Finish, Add	*81.07*	
		For Baked Enamel Standard Colors, Add	*121.60*	
		For Anodized Finish, Add	*162.14*	
		For Kynar® Standard Colors Finish, Add	*222.94*	
08 91 19 00-0003	EA	12" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	543.29	32.06
		For Flange Frame, Add	*47.92*	
		For Clear Lacquer Finish, Add	*95.83*	
		For Baked Enamel Standard Colors, Add	*143.75*	
		For Anodized Finish, Add	*191.67*	
		For Kynar® Standard Colors Finish, Add	*263.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0004	EA	12" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum	630.10	37.89
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*55.43*	
		For Clear Lacquer Finish, Add	*110.87*	
		For Baked Enamel Standard Colors, Add	*166.30*	
		For Anodized Finish, Add	*221.73*	
		For Kynar® Standard Colors Finish, Add	*304.88*	
08 91 19 00-0005	EA	12" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum	739.74	43.72
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*65.23*	
		For Clear Lacquer Finish, Add	*130.46*	
		For Baked Enamel Standard Colors, Add	*195.69*	
		For Anodized Finish, Add	*260.92*	
		For Kynar® Standard Colors Finish, Add	*358.77*	
08 91 19 00-0006	EA	12" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum	831.93	49.55
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*73.28*	
		For Clear Lacquer Finish, Add	*146.57*	
		For Baked Enamel Standard Colors, Add	*219.85*	
		For Anodized Finish, Add	*293.14*	
		For Kynar® Standard Colors Finish, Add	*403.06*	
08 91 19 00-0007	EA	12" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum	983.17	55.38
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*87.24*	
		For Clear Lacquer Finish, Add	*174.49*	
		For Baked Enamel Standard Colors, Add	*261.73*	
		For Anodized Finish, Add	*348.97*	
		For Kynar® Standard Colors Finish, Add	*479.84*	
08 91 19 00-0008	EA	12" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum	1,064.62	61.21
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*94.22*	
		For Clear Lacquer Finish, Add	*188.44*	
		For Baked Enamel Standard Colors, Add	*282.67*	
		For Anodized Finish, Add	*376.89*	
		For Kynar® Standard Colors Finish, Add	*518.22*	
08 91 19 00-0009	EA	12" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum	1,189.49	69.95
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*104.96*	
		For Clear Lacquer Finish, Add	*209.92*	
		For Baked Enamel Standard Colors, Add	*314.88*	
		For Anodized Finish, Add	*419.84*	
		For Kynar® Standard Colors Finish, Add	*577.28*	
08 91 19 00-0010	EA	12" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum	1,264.23	75.77
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*111.27*	
		For Clear Lacquer Finish, Add	*222.54*	
		For Baked Enamel Standard Colors, Add	*333.80*	
		For Anodized Finish, Add	*445.07*	
		For Kynar® Standard Colors Finish, Add	*611.97*	
08 91 19 00-0011	EA	12" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum	1,367.16	81.60
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*120.40*	
		For Clear Lacquer Finish, Add	*240.79*	
		For Baked Enamel Standard Colors, Add	*361.19*	
		For Anodized Finish, Add	*481.58*	
		For Kynar® Standard Colors Finish, Add	*662.17*	
08 91 19 00-0012	EA	12" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum	1,456.66	87.43
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*128.18*	
		For Clear Lacquer Finish, Add	*256.36*	
		For Baked Enamel Standard Colors, Add	*384.54*	
		For Anodized Finish, Add	*512.72*	
		For Kynar® Standard Colors Finish, Add	*704.99*	
08 91 19 00-0013	EA	12" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum	1,563.62	93.26
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*137.71*	
		For Clear Lacquer Finish, Add	*275.42*	
		For Baked Enamel Standard Colors, Add	*413.13*	
		For Anodized Finish, Add	*550.84*	
		For Kynar® Standard Colors Finish, Add	*757.41*	
08 91 19 00-0014	EA	12" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum	1,663.86	99.09
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*146.57*	
		For Clear Lacquer Finish, Add	*293.14*	
		For Baked Enamel Standard Colors, Add	*439.70*	
		For Anodized Finish, Add	*586.27*	
		For Kynar® Standard Colors Finish, Add	*806.12*	
08 91 19 00-0015	EA	12" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum	1,751.15	107.83
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*153.55*	
		For Clear Lacquer Finish, Add	*307.10*	
		For Baked Enamel Standard Colors, Add	*460.64*	
		For Anodized Finish, Add	*614.19*	
		For Kynar® Standard Colors Finish, Add	*844.51*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0016	EA	12" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum	1,869.29	116.57
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*163.61*	
		For Clear Lacquer Finish, Add	*327.23*	
		For Baked Enamel Standard Colors, Add	*490.84*	
		For Anodized Finish, Add	*654.46*	
		For Kynar® Standard Colors Finish, Add	*899.88*	
08 91 19 00-0017	EA	18" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum	531.21	32.06
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*46.71*	
		For Clear Lacquer Finish, Add	*93.42*	
		For Baked Enamel Standard Colors, Add	*140.13*	
		For Anodized Finish, Add	*186.84*	
		For Kynar® Standard Colors Finish, Add	*256.90*	
08 91 19 00-0018	EA	18" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum	635.93	40.80
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*55.43*	
		For Clear Lacquer Finish, Add	*110.87*	
		For Baked Enamel Standard Colors, Add	*166.30*	
		For Anodized Finish, Add	*221.73*	
		For Kynar® Standard Colors Finish, Add	*304.88*	
08 91 19 00-0019	EA	18" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum	737.52	46.63
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*64.43*	
		For Clear Lacquer Finish, Add	*128.85*	
		For Baked Enamel Standard Colors, Add	*193.28*	
		For Anodized Finish, Add	*257.70*	
		For Kynar® Standard Colors Finish, Add	*354.34*	
08 91 19 00-0020	EA	18" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum	924.57	58.29
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*80.80*	
		For Clear Lacquer Finish, Add	*161.60*	
		For Baked Enamel Standard Colors, Add	*242.40*	
		For Anodized Finish, Add	*323.20*	
		For Kynar® Standard Colors Finish, Add	*444.40*	
08 91 19 00-0021	EA	18" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum	1,062.40	64.12
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*93.42*	
		For Clear Lacquer Finish, Add	*186.83*	
		For Baked Enamel Standard Colors, Add	*280.25*	
		For Anodized Finish, Add	*373.67*	
		For Kynar® Standard Colors Finish, Add	*513.79*	
08 91 19 00-0022	EA	18" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum	1,184.12	69.95
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*104.42*	
		For Clear Lacquer Finish, Add	*208.85*	
		For Baked Enamel Standard Colors, Add	*313.27*	
		For Anodized Finish, Add	*417.69*	
		For Kynar® Standard Colors Finish, Add	*574.33*	
08 91 19 00-0023	EA	18" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum	1,269.60	75.77
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*111.81*	
		For Clear Lacquer Finish, Add	*223.61*	
		For Baked Enamel Standard Colors, Add	*335.42*	
		For Anodized Finish, Add	*447.22*	
		For Kynar® Standard Colors Finish, Add	*614.93*	
08 91 19 00-0024	EA	18" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum	1,413.25	84.51
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*124.42*	
		For Clear Lacquer Finish, Add	*248.84*	
		For Baked Enamel Standard Colors, Add	*373.27*	
		For Anodized Finish, Add	*497.69*	
		For Kynar® Standard Colors Finish, Add	*684.32*	
08 91 19 00-0025	EA	18" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum	1,512.61	93.26
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*132.61*	
		For Clear Lacquer Finish, Add	*265.22*	
		For Baked Enamel Standard Colors, Add	*397.83*	
		For Anodized Finish, Add	*530.44*	
		For Kynar® Standard Colors Finish, Add	*729.35*	
08 91 19 00-0026	EA	18" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum	1,645.07	99.09
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*144.69*	
		For Clear Lacquer Finish, Add	*289.38*	
		For Baked Enamel Standard Colors, Add	*434.07*	
		For Anodized Finish, Add	*578.76*	
		For Kynar® Standard Colors Finish, Add	*795.79*	
08 91 19 00-0027	EA	18" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum	1,745.32	104.91
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*153.55*	
		For Clear Lacquer Finish, Add	*307.10*	
		For Baked Enamel Standard Colors, Add	*460.64*	
		For Anodized Finish, Add	*614.19*	
		For Kynar® Standard Colors Finish, Add	*844.51*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0028	EA	18" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum	1,857.64	110.74
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*163.61*	
		For Clear Lacquer Finish, Add	*327.23*	
		For Baked Enamel Standard Colors, Add	*490.84*	
		For Anodized Finish, Add	*654.46*	
		For Kynar® Standard Colors Finish, Add	*899.88*	
08 91 19 00-0029	EA	18" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum	1,975.33	116.57
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*174.22*	
		For Clear Lacquer Finish, Add	*348.44*	
		For Baked Enamel Standard Colors, Add	*522.65*	
		For Anodized Finish, Add	*696.87*	
		For Kynar® Standard Colors Finish, Add	*958.20*	
08 91 19 00-0030	EA	18" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum	2,077.36	125.32
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*182.67*	
		For Clear Lacquer Finish, Add	*365.35*	
		For Baked Enamel Standard Colors, Add	*548.02*	
		For Anodized Finish, Add	*730.69*	
		For Kynar® Standard Colors Finish, Add	*1,004.70*	
08 91 19 00-0031	EA	18" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum	2,221.02	134.06
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*195.29*	
		For Clear Lacquer Finish, Add	*390.58*	
		For Baked Enamel Standard Colors, Add	*585.87*	
		For Anodized Finish, Add	*781.16*	
		For Kynar® Standard Colors Finish, Add	*1,074.10*	
08 91 19 00-0032	EA	24" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum	613.99	37.89
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*53.82*	
		For Clear Lacquer Finish, Add	*107.64*	
		For Baked Enamel Standard Colors, Add	*161.47*	
		For Anodized Finish, Add	*215.29*	
		For Kynar® Standard Colors Finish, Add	*296.02*	
08 91 19 00-0033	EA	24" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum	730.80	46.63
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*63.75*	
		For Clear Lacquer Finish, Add	*127.51*	
		For Baked Enamel Standard Colors, Add	*191.26*	
		For Anodized Finish, Add	*255.02*	
		For Kynar® Standard Colors Finish, Add	*350.65*	
08 91 19 00-0034	EA	24" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum	906.66	55.38
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*79.59*	
		For Clear Lacquer Finish, Add	*159.18*	
		For Baked Enamel Standard Colors, Add	*238.78*	
		For Anodized Finish, Add	*318.37*	
		For Kynar® Standard Colors Finish, Add	*437.76*	
08 91 19 00-0035	EA	24" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum	1,068.23	67.04
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*93.42*	
		For Clear Lacquer Finish, Add	*186.83*	
		For Baked Enamel Standard Colors, Add	*280.25*	
		For Anodized Finish, Add	*373.67*	
		For Kynar® Standard Colors Finish, Add	*513.79*	
08 91 19 00-0036	EA	24" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum	1,224.85	72.86
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*107.91*	
		For Clear Lacquer Finish, Add	*215.83*	
		For Baked Enamel Standard Colors, Add	*323.74*	
		For Anodized Finish, Add	*431.65*	
		For Kynar® Standard Colors Finish, Add	*593.52*	
08 91 19 00-0037	EA	24" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum	1,369.39	78.68
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*121.20*	
		For Clear Lacquer Finish, Add	*242.40*	
		For Baked Enamel Standard Colors, Add	*363.60*	
		For Anodized Finish, Add	*484.80*	
		For Kynar® Standard Colors Finish, Add	*666.61*	
08 91 19 00-0038	EA	24" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum	1,487.53	87.43
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*131.27*	
		For Clear Lacquer Finish, Add	*262.53*	
		For Baked Enamel Standard Colors, Add	*393.80*	
		For Anodized Finish, Add	*525.07*	
		For Kynar® Standard Colors Finish, Add	*721.97*	
08 91 19 00-0039	EA	24" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum	1,645.07	99.09
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*144.69*	
		For Clear Lacquer Finish, Add	*289.38*	
		For Baked Enamel Standard Colors, Add	*434.07*	
		For Anodized Finish, Add	*578.76*	
		For Kynar® Standard Colors Finish, Add	*795.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0040	EA	24" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum	1,750.69	104.91
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*154.09*	
		For Clear Lacquer Finish, Add	*308.17*	
		For Baked Enamel Standard Colors, Add	*462.26*	
		For Anodized Finish, Add	*616.34*	
		For Kynar® Standard Colors Finish, Add	*847.47*	
08 91 19 00-0041	EA	24" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum	1,922.98	116.57
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*168.98*	
		For Clear Lacquer Finish, Add	*337.97*	
		For Baked Enamel Standard Colors, Add	*506.95*	
		For Anodized Finish, Add	*675.93*	
		For Kynar® Standard Colors Finish, Add	*929.41*	
08 91 19 00-0042	EA	24" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum	2,032.61	122.40
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*178.78*	
		For Clear Lacquer Finish, Add	*357.56*	
		For Baked Enamel Standard Colors, Add	*536.34*	
		For Anodized Finish, Add	*715.12*	
		For Kynar® Standard Colors Finish, Add	*983.30*	
08 91 19 00-0043	EA	24" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum	2,175.81	128.23
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*191.94*	
		For Clear Lacquer Finish, Add	*383.87*	
		For Baked Enamel Standard Colors, Add	*575.81*	
		For Anodized Finish, Add	*767.74*	
		For Kynar® Standard Colors Finish, Add	*1,055.64*	
08 91 19 00-0044	EA	24" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum	2,316.32	134.06
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*204.82*	
		For Clear Lacquer Finish, Add	*409.64*	
		For Baked Enamel Standard Colors, Add	*614.46*	
		For Anodized Finish, Add	*819.28*	
		For Kynar® Standard Colors Finish, Add	*1,126.51*	
08 91 19 00-0045	EA	24" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum	2,421.05	142.80
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*213.54*	
		For Clear Lacquer Finish, Add	*427.09*	
		For Baked Enamel Standard Colors, Add	*640.63*	
		For Anodized Finish, Add	*854.18*	
		For Kynar® Standard Colors Finish, Add	*1,174.49*	
08 91 19 00-0046	EA	24" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum	2,596.91	151.55
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*229.38*	
		For Clear Lacquer Finish, Add	*458.76*	
		For Baked Enamel Standard Colors, Add	*688.15*	
		For Anodized Finish, Add	*917.53*	
		For Kynar® Standard Colors Finish, Add	*1,261.60*	
08 91 19 00-0047	EA	30" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum	687.39	43.72
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*60.00*	
		For Clear Lacquer Finish, Add	*119.99*	
		For Baked Enamel Standard Colors, Add	*179.99*	
		For Anodized Finish, Add	*239.98*	
		For Kynar® Standard Colors Finish, Add	*329.98*	
08 91 19 00-0048	EA	30" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum	888.33	58.29
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*77.18*	
		For Clear Lacquer Finish, Add	*154.35*	
		For Baked Enamel Standard Colors, Add	*231.53*	
		For Anodized Finish, Add	*308.70*	
		For Kynar® Standard Colors Finish, Add	*424.47*	
08 91 19 00-0049	EA	30" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum	1,037.36	67.04
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*90.33*	
		For Clear Lacquer Finish, Add	*180.66*	
		For Baked Enamel Standard Colors, Add	*270.99*	
		For Anodized Finish, Add	*361.32*	
		For Kynar® Standard Colors Finish, Add	*496.82*	
08 91 19 00-0050	EA	30" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum	1,211.89	75.77
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*106.03*	
		For Clear Lacquer Finish, Add	*212.07*	
		For Baked Enamel Standard Colors, Add	*318.10*	
		For Anodized Finish, Add	*424.14*	
		For Kynar® Standard Colors Finish, Add	*583.19*	
08 91 19 00-0051	EA	30" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum	1,400.72	81.60
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*123.75*	
		For Clear Lacquer Finish, Add	*247.50*	
		For Baked Enamel Standard Colors, Add	*371.25*	
		For Anodized Finish, Add	*495.00*	
		For Kynar® Standard Colors Finish, Add	*680.63*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0052	EA	30" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum	1,557.79	90.34
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*137.71*	
		For Clear Lacquer Finish, Add	*275.42*	
		For Baked Enamel Standard Colors, Add	*413.13*	
		For Anodized Finish, Add	*550.84*	
		For Kynar® Standard Colors Finish, Add	*757.41*	
08 91 19 00-0053	EA	30" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum	1,675.48	96.17
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*148.31*	
		For Clear Lacquer Finish, Add	*296.63*	
		For Baked Enamel Standard Colors, Add	*444.94*	
		For Anodized Finish, Add	*593.25*	
		For Kynar® Standard Colors Finish, Add	*815.72*	
08 91 19 00-0054	EA	30" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum	1,840.61	104.91
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*163.08*	
		For Clear Lacquer Finish, Add	*326.15*	
		For Baked Enamel Standard Colors, Add	*489.23*	
		For Anodized Finish, Add	*652.31*	
		For Kynar® Standard Colors Finish, Add	*896.92*	
08 91 19 00-0055	EA	30" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum	1,973.07	110.74
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*175.16*	
		For Clear Lacquer Finish, Add	*350.31*	
		For Baked Enamel Standard Colors, Add	*525.47*	
		For Anodized Finish, Add	*700.63*	
		For Kynar® Standard Colors Finish, Add	*963.36*	
08 91 19 00-0056	EA	30" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum	2,173.54	122.40
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*192.87*	
		For Clear Lacquer Finish, Add	*385.75*	
		For Baked Enamel Standard Colors, Add	*578.62*	
		For Anodized Finish, Add	*771.50*	
		For Kynar® Standard Colors Finish, Add	*1,060.81*	
08 91 19 00-0057	EA	30" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum	2,301.09	131.15
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*203.88*	
		For Clear Lacquer Finish, Add	*407.76*	
		For Baked Enamel Standard Colors, Add	*611.64*	
		For Anodized Finish, Add	*815.52*	
		For Kynar® Standard Colors Finish, Add	*1,121.34*	
08 91 19 00-0058	EA	30" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum	2,453.68	136.97
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*217.97*	
		For Clear Lacquer Finish, Add	*435.95*	
		For Baked Enamel Standard Colors, Add	*653.92*	
		For Anodized Finish, Add	*871.89*	
		For Kynar® Standard Colors Finish, Add	*1,198.85*	
08 91 19 00-0059	EA	30" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum	2,604.93	142.80
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*231.93*	
		For Clear Lacquer Finish, Add	*463.86*	
		For Baked Enamel Standard Colors, Add	*695.80*	
		For Anodized Finish, Add	*927.73*	
		For Kynar® Standard Colors Finish, Add	*1,275.63*	
08 91 19 00-0060	EA	30" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum	2,729.79	151.55
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*242.67*	
		For Clear Lacquer Finish, Add	*485.34*	
		For Baked Enamel Standard Colors, Add	*728.01*	
		For Anodized Finish, Add	*970.68*	
		For Kynar® Standard Colors Finish, Add	*1,334.69*	
08 91 19 00-0061	EA	30" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum	2,929.82	160.29
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*260.92*	
		For Clear Lacquer Finish, Add	*521.85*	
		For Baked Enamel Standard Colors, Add	*782.77*	
		For Anodized Finish, Add	*1,043.70*	
		For Kynar® Standard Colors Finish, Add	*1,435.08*	
08 91 19 00-0062	EA	36" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum	762.14	49.55
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*66.31*	
		For Clear Lacquer Finish, Add	*132.61*	
		For Baked Enamel Standard Colors, Add	*198.92*	
		For Anodized Finish, Add	*265.22*	
		For Kynar® Standard Colors Finish, Add	*364.68*	
08 91 19 00-0063	EA	36" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum	1,000.66	64.12
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*87.24*	
		For Clear Lacquer Finish, Add	*174.49*	
		For Baked Enamel Standard Colors, Add	*261.73*	
		For Anodized Finish, Add	*348.97*	
		For Kynar® Standard Colors Finish, Add	*479.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0064	EA	36" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum	1,157.74	72.86
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*101.20*	
		For Clear Lacquer Finish, Add	*202.40*	
		For Baked Enamel Standard Colors, Add	*303.61*	
		For Anodized Finish, Add	*404.81*	
		For Kynar® Standard Colors Finish, Add	*556.61*	
08 91 19 00-0065	EA	36" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum	1,345.69	81.60
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	*118.25*	
		For Clear Lacquer Finish, Add	*236.50*	
		For Baked Enamel Standard Colors, Add	*354.74*	
		For Anodized Finish, Add	*472.99*	
		For Kynar® Standard Colors Finish, Add	*650.36*	
08 91 19 00-0066	EA	36" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum	1,558.31	88.59
		Note: Includes bird screen.		
		For Flange Frame, Add	*138.11*	
		For Clear Lacquer Finish, Add	*276.22*	
		For Baked Enamel Standard Colors, Add	*414.34*	
		For Anodized Finish, Add	*552.45*	
		For Kynar® Standard Colors Finish, Add	*759.62*	
08 91 19 00-0067	EA	36" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum	1,722.46	96.17
		Note: Includes bird screen.		
		For Flange Frame, Add	*153.01*	
		For Clear Lacquer Finish, Add	*306.02*	
		For Baked Enamel Standard Colors, Add	*459.03*	
		For Anodized Finish, Add	*612.04*	
		For Kynar® Standard Colors Finish, Add	*841.56*	
08 91 19 00-0068	EA	36" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum	1,864.31	102.00
		Note: Includes bird screen.		
		For Flange Frame, Add	*166.03*	
		For Clear Lacquer Finish, Add	*332.06*	
		For Baked Enamel Standard Colors, Add	*498.09*	
		For Anodized Finish, Add	*664.12*	
		For Kynar® Standard Colors Finish, Add	*913.17*	
08 91 19 00-0069	EA	36" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum	2,053.60	110.74
		Note: Includes bird screen.		
		For Flange Frame, Add	*183.21*	
		For Clear Lacquer Finish, Add	*366.42*	
		For Baked Enamel Standard Colors, Add	*549.63*	
		For Anodized Finish, Add	*732.84*	
		For Kynar® Standard Colors Finish, Add	*1,007.66*	
08 91 19 00-0070	EA	36" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum	2,195.90	119.49
		Note: Includes bird screen.		
		For Flange Frame, Add	*195.69*	
		For Clear Lacquer Finish, Add	*391.39*	
		For Baked Enamel Standard Colors, Add	*587.08*	
		For Anodized Finish, Add	*782.77*	
		For Kynar® Standard Colors Finish, Add	*1,076.31*	
08 91 19 00-0071	EA	36" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum	2,424.11	128.23
		Note: Includes bird screen.		
		For Flange Frame, Add	*216.77*	
		For Clear Lacquer Finish, Add	*433.53*	
		For Baked Enamel Standard Colors, Add	*650.30*	
		For Anodized Finish, Add	*867.06*	
		For Kynar® Standard Colors Finish, Add	*1,192.21*	
08 91 19 00-0072	EA	36" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum	2,573.14	136.97
		Note: Includes bird screen.		
		For Flange Frame, Add	*229.92*	
		For Clear Lacquer Finish, Add	*459.84*	
		For Baked Enamel Standard Colors, Add	*689.76*	
		For Anodized Finish, Add	*919.68*	
		For Kynar® Standard Colors Finish, Add	*1,264.55*	
08 91 19 00-0073	EA	36" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum	2,736.47	142.80
		Note: Includes bird screen.		
		For Flange Frame, Add	*245.09*	
		For Clear Lacquer Finish, Add	*490.17*	
		For Baked Enamel Standard Colors, Add	*735.26*	
		For Anodized Finish, Add	*980.34*	
		For Kynar® Standard Colors Finish, Add	*1,347.97*	
08 91 19 00-0074	EA	36" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum	2,906.51	148.63
		Note: Includes bird screen.		
		For Flange Frame, Add	*260.92*	
		For Clear Lacquer Finish, Add	*521.85*	
		For Baked Enamel Standard Colors, Add	*782.77*	
		For Anodized Finish, Add	*1,043.70*	
		For Kynar® Standard Colors Finish, Add	*1,435.08*	
08 91 19 00-0075	EA	36" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum	3,050.15	157.38
		Note: Includes bird screen.		
		For Flange Frame, Add	*273.54*	
		For Clear Lacquer Finish, Add	*547.08*	
		For Baked Enamel Standard Colors, Add	*820.62*	
		For Anodized Finish, Add	*1,094.16*	
		For Kynar® Standard Colors Finish, Add	*1,504.47*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0076	EA	36" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum	3,277.03	166.12
		Note: Includes bird screen.		
		For Flange Frame, Add	*294.48*	
		For Clear Lacquer Finish, Add	*588.96*	
		For Baked Enamel Standard Colors, Add	*883.44*	
		For Anodized Finish, Add	*1,177.92*	
		For Kynar® Standard Colors Finish, Add	*1,619.63*	
08 91 19 00-0077	EA	42" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum	887.87	55.38
		Note: Includes bird screen.		
		For Flange Frame, Add	*77.71*	
		For Clear Lacquer Finish, Add	*155.43*	
		For Baked Enamel Standard Colors, Add	*233.14*	
		For Anodized Finish, Add	*310.85*	
		For Kynar® Standard Colors Finish, Add	*427.42*	
08 91 19 00-0078	EA	42" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum	1,087.48	69.95
		Note: Includes bird screen.		
		For Flange Frame, Add	*94.76*	
		For Clear Lacquer Finish, Add	*189.52*	
		For Baked Enamel Standard Colors, Add	*284.28*	
		For Anodized Finish, Add	*379.04*	
		For Kynar® Standard Colors Finish, Add	*521.17*	
08 91 19 00-0079	EA	42" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum	1,262.01	78.68
		Note: Includes bird screen.		
		For Flange Frame, Add	*110.46*	
		For Clear Lacquer Finish, Add	*220.93*	
		For Baked Enamel Standard Colors, Add	*331.39*	
		For Anodized Finish, Add	*441.85*	
		For Kynar® Standard Colors Finish, Add	*607.55*	
08 91 19 00-0080	EA	42" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum	1,477.26	90.34
		Note: Includes bird screen.		
		For Flange Frame, Add	*129.66*	
		For Clear Lacquer Finish, Add	*259.31*	
		For Baked Enamel Standard Colors, Add	*388.97*	
		For Anodized Finish, Add	*518.63*	
		For Kynar® Standard Colors Finish, Add	*713.11*	
08 91 19 00-0081	EA	42" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum	1,709.04	96.17
		Note: Includes bird screen.		
		For Flange Frame, Add	*151.67*	
		For Clear Lacquer Finish, Add	*303.34*	
		For Baked Enamel Standard Colors, Add	*455.01*	
		For Anodized Finish, Add	*606.68*	
		For Kynar® Standard Colors Finish, Add	*834.18*	
08 91 19 00-0082	EA	42" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum	1,893.84	102.00
		Note: Includes bird screen.		
		For Flange Frame, Add	*168.98*	
		For Clear Lacquer Finish, Add	*337.97*	
		For Baked Enamel Standard Colors, Add	*506.95*	
		For Anodized Finish, Add	*675.93*	
		For Kynar® Standard Colors Finish, Add	*929.41*	
08 91 19 00-0083	EA	42" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum	2,053.14	107.83
		Note: Includes bird screen.		
		For Flange Frame, Add	*183.75*	
		For Clear Lacquer Finish, Add	*367.49*	
		For Baked Enamel Standard Colors, Add	*551.24*	
		For Anodized Finish, Add	*734.99*	
		For Kynar® Standard Colors Finish, Add	*1,010.61*	
08 91 19 00-0084	EA	42" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum	2,242.42	116.57
		Note: Includes bird screen.		
		For Flange Frame, Add	*200.93*	
		For Clear Lacquer Finish, Add	*401.85*	
		For Baked Enamel Standard Colors, Add	*602.78*	
		For Anodized Finish, Add	*803.71*	
		For Kynar® Standard Colors Finish, Add	*1,105.10*	
08 91 19 00-0085	EA	42" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum	2,403.52	125.32
		Note: Includes bird screen.		
		For Flange Frame, Add	*215.29*	
		For Clear Lacquer Finish, Add	*430.58*	
		For Baked Enamel Standard Colors, Add	*645.87*	
		For Anodized Finish, Add	*861.16*	
		For Kynar® Standard Colors Finish, Add	*1,184.09*	
08 91 19 00-0086	EA	42" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum	2,657.24	134.06
		Note: Includes bird screen.		
		For Flange Frame, Add	*238.91*	
		For Clear Lacquer Finish, Add	*477.82*	
		For Baked Enamel Standard Colors, Add	*716.74*	
		For Anodized Finish, Add	*955.65*	
		For Kynar® Standard Colors Finish, Add	*1,314.02*	
08 91 19 00-0087	EA	42" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum	2,818.34	142.80
		Note: Includes bird screen.		
		For Flange Frame, Add	*253.27*	
		For Clear Lacquer Finish, Add	*506.55*	
		For Baked Enamel Standard Colors, Add	*759.82*	
		For Anodized Finish, Add	*1,013.09*	
		For Kynar® Standard Colors Finish, Add	*1,393.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0088	EA	42" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum	3,003.15	148.63
		Note: Includes bird screen.		
		For Flange Frame, Add	*270.59*	
		For Clear Lacquer Finish, Add	*541.18*	
		For Baked Enamel Standard Colors, Add	*811.76*	
		For Anodized Finish, Add	*1,082.35*	
		For Kynar® Standard Colors Finish, Add	*1,488.23*	
08 91 19 00-0089	EA	42" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum	3,189.28	154.46
		Note: Includes bird screen.		
		For Flange Frame, Add	*288.04*	
		For Clear Lacquer Finish, Add	*576.07*	
		For Baked Enamel Standard Colors, Add	*864.11*	
		For Anodized Finish, Add	*1,152.14*	
		For Kynar® Standard Colors Finish, Add	*1,584.20*	
08 91 19 00-0090	EA	42" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum	3,359.78	163.21
		Note: Includes bird screen.		
		For Flange Frame, Add	*303.34*	
		For Clear Lacquer Finish, Add	*606.67*	
		For Baked Enamel Standard Colors, Add	*910.01*	
		For Anodized Finish, Add	*1,213.35*	
		For Kynar® Standard Colors Finish, Add	*1,668.35*	
08 91 19 00-0091	EA	42" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum	3,604.10	171.95
		Note: Includes bird screen.		
		For Flange Frame, Add	*326.02*	
		For Clear Lacquer Finish, Add	*652.04*	
		For Baked Enamel Standard Colors, Add	*978.06*	
		For Anodized Finish, Add	*1,304.08*	
		For Kynar® Standard Colors Finish, Add	*1,793.11*	
08 91 19 00-0092	EA	48" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum	970.67	61.21
		Note: Includes bird screen.		
		For Flange Frame, Add	*84.83*	
		For Clear Lacquer Finish, Add	*169.65*	
		For Baked Enamel Standard Colors, Add	*254.48*	
		For Anodized Finish, Add	*339.31*	
		For Kynar® Standard Colors Finish, Add	*466.55*	
08 91 19 00-0093	EA	48" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum	1,189.07	75.77
		Note: Includes bird screen.		
		For Flange Frame, Add	*103.75*	
		For Clear Lacquer Finish, Add	*207.50*	
		For Baked Enamel Standard Colors, Add	*311.26*	
		For Anodized Finish, Add	*415.01*	
		For Kynar® Standard Colors Finish, Add	*570.64*	
08 91 19 00-0094	EA	48" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum	1,393.58	87.43
		Note: Includes bird screen.		
		For Flange Frame, Add	*121.87*	
		For Clear Lacquer Finish, Add	*243.74*	
		For Baked Enamel Standard Colors, Add	*365.62*	
		For Anodized Finish, Add	*487.49*	
		For Kynar® Standard Colors Finish, Add	*670.30*	
08 91 19 00-0095	EA	48" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum	1,607.03	96.17
		Note: Includes bird screen.		
		For Flange Frame, Add	*141.47*	
		For Clear Lacquer Finish, Add	*282.94*	
		For Baked Enamel Standard Colors, Add	*424.40*	
		For Anodized Finish, Add	*565.87*	
		For Kynar® Standard Colors Finish, Add	*778.07*	
08 91 19 00-0096	EA	48" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum	1,872.36	102.00
		Note: Includes bird screen.		
		For Flange Frame, Add	*166.84*	
		For Clear Lacquer Finish, Add	*333.67*	
		For Baked Enamel Standard Colors, Add	*500.51*	
		For Anodized Finish, Add	*667.34*	
		For Kynar® Standard Colors Finish, Add	*917.59*	
08 91 19 00-0097	EA	48" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum	2,086.70	107.83
		Note: Includes bird screen.		
		For Flange Frame, Add	*187.10*	
		For Clear Lacquer Finish, Add	*374.21*	
		For Baked Enamel Standard Colors, Add	*561.31*	
		For Anodized Finish, Add	*748.41*	
		For Kynar® Standard Colors Finish, Add	*1,029.07*	
08 91 19 00-0098	EA	48" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum	2,261.21	116.57
		Note: Includes bird screen.		
		For Flange Frame, Add	*202.81*	
		For Clear Lacquer Finish, Add	*405.61*	
		For Baked Enamel Standard Colors, Add	*608.42*	
		For Anodized Finish, Add	*811.22*	
		For Kynar® Standard Colors Finish, Add	*1,115.43*	
08 91 19 00-0099	EA	48" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum	2,539.08	125.32
		Note: Includes bird screen.		
		For Flange Frame, Add	*228.85*	
		For Clear Lacquer Finish, Add	*457.69*	
		For Baked Enamel Standard Colors, Add	*686.54*	
		For Anodized Finish, Add	*915.38*	
		For Kynar® Standard Colors Finish, Add	*1,258.65*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0100	EA	48" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum	2,657.24	134.06
		Note: Includes bird screen.		
		For Flange Frame, Add	*238.91*	
		For Clear Lacquer Finish, Add	*477.82*	
		For Baked Enamel Standard Colors, Add	*716.74*	
		For Anodized Finish, Add	*955.65*	
		For Kynar® Standard Colors Finish, Add	*1,314.02*	
08 91 19 00-0101	EA	48" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum	2,928.40	142.80
		Note: Includes bird screen.		
		For Flange Frame, Add	*264.28*	
		For Clear Lacquer Finish, Add	*528.56*	
		For Baked Enamel Standard Colors, Add	*792.84*	
		For Anodized Finish, Add	*1,057.12*	
		For Kynar® Standard Colors Finish, Add	*1,453.53*	
08 91 19 00-0102	EA	48" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum	3,115.00	151.55
		Note: Includes bird screen.		
		For Flange Frame, Add	*281.19*	
		For Clear Lacquer Finish, Add	*562.38*	
		For Baked Enamel Standard Colors, Add	*843.57*	
		For Anodized Finish, Add	*1,124.76*	
		For Kynar® Standard Colors Finish, Add	*1,546.55*	
08 91 19 00-0103	EA	48" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum	3,321.28	157.38
		Note: Includes bird screen.		
		For Flange Frame, Add	*300.65*	
		For Clear Lacquer Finish, Add	*601.31*	
		For Baked Enamel Standard Colors, Add	*901.96*	
		For Anodized Finish, Add	*1,202.61*	
		For Kynar® Standard Colors Finish, Add	*1,653.59*	
08 91 19 00-0104	EA	48" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum	3,527.56	163.21
		Note: Includes bird screen.		
		For Flange Frame, Add	*320.12*	
		For Clear Lacquer Finish, Add	*640.23*	
		For Baked Enamel Standard Colors, Add	*960.35*	
		For Anodized Finish, Add	*1,280.46*	
		For Kynar® Standard Colors Finish, Add	*1,760.63*	
08 91 19 00-0105	EA	48" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum	3,698.94	169.03
		Note: Includes bird screen.		
		For Flange Frame, Add	*336.09*	
		For Clear Lacquer Finish, Add	*672.17*	
		For Baked Enamel Standard Colors, Add	*1,008.26*	
		For Anodized Finish, Add	*1,344.35*	
		For Kynar® Standard Colors Finish, Add	*1,848.48*	
08 91 19 00-0106	EA	48" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum	3,980.84	177.78
		Note: Includes bird screen.		
		For Flange Frame, Add	*362.53*	
		For Clear Lacquer Finish, Add	*725.06*	
		For Baked Enamel Standard Colors, Add	*1,087.58*	
		For Anodized Finish, Add	*1,450.11*	
		For Kynar® Standard Colors Finish, Add	*1,993.90*	
08 91 19 00-0107	EA	54" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum	1,074.06	69.95
		Note: Includes bird screen.		
		For Flange Frame, Add	*93.42*	
		For Clear Lacquer Finish, Add	*186.83*	
		For Baked Enamel Standard Colors, Add	*280.25*	
		For Anodized Finish, Add	*373.67*	
		For Kynar® Standard Colors Finish, Add	*513.79*	
08 91 19 00-0108	EA	54" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum	1,319.30	84.51
		Note: Includes bird screen.		
		For Flange Frame, Add	*115.03*	
		For Clear Lacquer Finish, Add	*230.05*	
		For Baked Enamel Standard Colors, Add	*345.08*	
		For Anodized Finish, Add	*460.11*	
		For Kynar® Standard Colors Finish, Add	*632.65*	
08 91 19 00-0109	EA	54" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum	1,544.41	99.09
		Note: Includes bird screen.		
		For Flange Frame, Add	*134.62*	
		For Clear Lacquer Finish, Add	*269.25*	
		For Baked Enamel Standard Colors, Add	*403.87*	
		For Anodized Finish, Add	*538.49*	
		For Kynar® Standard Colors Finish, Add	*740.43*	
08 91 19 00-0110	EA	54" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum	1,774.85	104.91
		Note: Includes bird screen.		
		For Flange Frame, Add	*156.50*	
		For Clear Lacquer Finish, Add	*313.00*	
		For Baked Enamel Standard Colors, Add	*469.50*	
		For Anodized Finish, Add	*626.00*	
		For Kynar® Standard Colors Finish, Add	*860.76*	
08 91 19 00-0111	EA	54" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum	2,092.53	110.74
		Note: Includes bird screen.		
		For Flange Frame, Add	*187.10*	
		For Clear Lacquer Finish, Add	*374.21*	
		For Baked Enamel Standard Colors, Add	*561.31*	
		For Anodized Finish, Add	*748.41*	
		For Kynar® Standard Colors Finish, Add	*1,029.07*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0112	EA	54" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum	2,312.22	116.57
		Note: Includes bird screen.		
		For Flange Frame, Add	*207.91*	
		For Clear Lacquer Finish, Add	*415.81*	
		For Baked Enamel Standard Colors, Add	*623.72*	
		For Anodized Finish, Add	*831.63*	
		For Kynar® Standard Colors Finish, Add	*1,143.49*	
08 91 19 00-0113	EA	54" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum	2,517.61	125.32
		Note: Includes bird screen.		
		For Flange Frame, Add	*226.70*	
		For Clear Lacquer Finish, Add	*453.40*	
		For Baked Enamel Standard Colors, Add	*680.09*	
		For Anodized Finish, Add	*906.79*	
		For Kynar® Standard Colors Finish, Add	*1,246.84*	
08 91 19 00-0114	EA	54" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum	2,820.98	134.06
		Note: Includes bird screen.		
		For Flange Frame, Add	*255.29*	
		For Clear Lacquer Finish, Add	*510.57*	
		For Baked Enamel Standard Colors, Add	*765.86*	
		For Anodized Finish, Add	*1,021.14*	
		For Kynar® Standard Colors Finish, Add	*1,404.07*	
08 91 19 00-0115	EA	54" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum	3,033.09	142.80
		Note: Includes bird screen.		
		For Flange Frame, Add	*274.75*	
		For Clear Lacquer Finish, Add	*549.50*	
		For Baked Enamel Standard Colors, Add	*824.24*	
		For Anodized Finish, Add	*1,098.99*	
		For Kynar® Standard Colors Finish, Add	*1,511.11*	
08 91 19 00-0116	EA	54" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum	3,351.23	151.55
		Note: Includes bird screen.		
		For Flange Frame, Add	*304.81*	
		For Clear Lacquer Finish, Add	*609.63*	
		For Baked Enamel Standard Colors, Add	*914.44*	
		For Anodized Finish, Add	*1,219.26*	
		For Kynar® Standard Colors Finish, Add	*1,676.48*	
08 91 19 00-0117	EA	54" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum	3,556.16	157.38
		Note: Includes bird screen.		
		For Flange Frame, Add	*324.14*	
		For Clear Lacquer Finish, Add	*648.28*	
		For Baked Enamel Standard Colors, Add	*972.42*	
		For Anodized Finish, Add	*1,296.56*	
		For Kynar® Standard Colors Finish, Add	*1,782.78*	
08 91 19 00-0118	EA	54" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum	3,790.63	163.21
		Note: Includes bird screen.		
		For Flange Frame, Add	*346.42*	
		For Clear Lacquer Finish, Add	*692.84*	
		For Baked Enamel Standard Colors, Add	*1,039.27*	
		For Anodized Finish, Add	*1,385.69*	
		For Kynar® Standard Colors Finish, Add	*1,905.32*	
08 91 19 00-0119	EA	54" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum	4,015.70	169.03
		Note: Includes bird screen.		
		For Flange Frame, Add	*367.76*	
		For Clear Lacquer Finish, Add	*735.53*	
		For Baked Enamel Standard Colors, Add	*1,103.29*	
		For Anodized Finish, Add	*1,471.05*	
		For Kynar® Standard Colors Finish, Add	*2,022.70*	
08 91 19 00-0120	EA	54" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum	4,201.84	174.86
		Note: Includes bird screen.		
		For Flange Frame, Add	*385.21*	
		For Clear Lacquer Finish, Add	*770.42*	
		For Baked Enamel Standard Colors, Add	*1,155.63*	
		For Anodized Finish, Add	*1,540.84*	
		For Kynar® Standard Colors Finish, Add	*2,118.66*	
08 91 19 00-0121	EA	54" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum	4,530.72	183.61
		Note: Includes bird screen.		
		For Flange Frame, Add	*416.35*	
		For Clear Lacquer Finish, Add	*832.70*	
		For Baked Enamel Standard Colors, Add	*1,249.05*	
		For Anodized Finish, Add	*1,665.40*	
		For Kynar® Standard Colors Finish, Add	*2,289.93*	
08 91 19 00-0122	EA	60" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum	1,154.17	75.77
		Note: Includes bird screen.		
		For Flange Frame, Add	*100.26*	
		For Clear Lacquer Finish, Add	*200.52*	
		For Baked Enamel Standard Colors, Add	*300.79*	
		For Anodized Finish, Add	*401.05*	
		For Kynar® Standard Colors Finish, Add	*551.44*	
08 91 19 00-0123	EA	60" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum	1,424.03	93.26
		Note: Includes bird screen.		
		For Flange Frame, Add	*123.75*	
		For Clear Lacquer Finish, Add	*247.50*	
		For Baked Enamel Standard Colors, Add	*371.25*	
		For Anodized Finish, Add	*495.00*	
		For Kynar® Standard Colors Finish, Add	*680.63*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0124	EA	60" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum	1,656.73	104.91
		Note: Includes bird screen.		
		For Flange Frame, Add	*144.69*	
		For Clear Lacquer Finish, Add	*289.38*	
		For Baked Enamel Standard Colors, Add	*434.07*	
		For Anodized Finish, Add	*578.76*	
		For Kynar® Standard Colors Finish, Add	*795.79*	
08 91 19 00-0125	EA	60" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum	1,923.41	110.74
		Note: Includes bird screen.		
		For Flange Frame, Add	*170.19*	
		For Clear Lacquer Finish, Add	*340.38*	
		For Baked Enamel Standard Colors, Add	*510.57*	
		For Anodized Finish, Add	*680.76*	
		For Kynar® Standard Colors Finish, Add	*936.05*	
08 91 19 00-0126	EA	60" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum	2,253.61	119.49
		Note: Includes bird screen.		
		For Flange Frame, Add	*201.46*	
		For Clear Lacquer Finish, Add	*402.93*	
		For Baked Enamel Standard Colors, Add	*604.39*	
		For Anodized Finish, Add	*805.86*	
		For Kynar® Standard Colors Finish, Add	*1,108.05*	
08 91 19 00-0127	EA	60" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum	2,500.16	125.32
		Note: Includes bird screen.		
		For Flange Frame, Add	*224.95*	
		For Clear Lacquer Finish, Add	*449.91*	
		For Baked Enamel Standard Colors, Add	*674.86*	
		For Anodized Finish, Add	*899.81*	
		For Kynar® Standard Colors Finish, Add	*1,237.24*	
08 91 19 00-0128	EA	60" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum	2,714.95	134.06
		Note: Includes bird screen.		
		For Flange Frame, Add	*244.68*	
		For Clear Lacquer Finish, Add	*489.37*	
		For Baked Enamel Standard Colors, Add	*734.05*	
		For Anodized Finish, Add	*978.73*	
		For Kynar® Standard Colors Finish, Add	*1,345.76*	
08 91 19 00-0129	EA	60" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum	3,039.80	142.80
		Note: Includes bird screen.		
		For Flange Frame, Add	*275.42*	
		For Clear Lacquer Finish, Add	*550.84*	
		For Baked Enamel Standard Colors, Add	*826.26*	
		For Anodized Finish, Add	*1,101.68*	
		For Kynar® Standard Colors Finish, Add	*1,514.80*	
08 91 19 00-0130	EA	60" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum	3,268.01	151.55
		Note: Includes bird screen.		
		For Flange Frame, Add	*296.49*	
		For Clear Lacquer Finish, Add	*592.98*	
		For Baked Enamel Standard Colors, Add	*889.48*	
		For Anodized Finish, Add	*1,185.97*	
		For Kynar® Standard Colors Finish, Add	*1,630.71*	
08 91 19 00-0131	EA	60" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum	3,613.00	160.29
		Note: Includes bird screen.		
		For Flange Frame, Add	*329.24*	
		For Clear Lacquer Finish, Add	*658.48*	
		For Baked Enamel Standard Colors, Add	*987.73*	
		For Anodized Finish, Add	*1,316.97*	
		For Kynar® Standard Colors Finish, Add	*1,810.83*	
08 91 19 00-0132	EA	60" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum	3,831.36	166.12
		Note: Includes bird screen.		
		For Flange Frame, Add	*349.91*	
		For Clear Lacquer Finish, Add	*699.82*	
		For Baked Enamel Standard Colors, Add	*1,049.74*	
		For Anodized Finish, Add	*1,399.65*	
		For Kynar® Standard Colors Finish, Add	*1,924.52*	
08 91 19 00-0133	EA	60" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum	4,080.58	171.95
		Note: Includes bird screen.		
		For Flange Frame, Add	*373.67*	
		For Clear Lacquer Finish, Add	*747.34*	
		For Baked Enamel Standard Colors, Add	*1,121.00*	
		For Anodized Finish, Add	*1,494.67*	
		For Kynar® Standard Colors Finish, Add	*2,055.17*	
08 91 19 00-0134	EA	60" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum	4,324.45	177.78
		Note: Includes bird screen.		
		For Flange Frame, Add	*396.89*	
		For Clear Lacquer Finish, Add	*793.78*	
		For Baked Enamel Standard Colors, Add	*1,190.67*	
		For Anodized Finish, Add	*1,587.56*	
		For Kynar® Standard Colors Finish, Add	*2,182.89*	
08 91 19 00-0135	EA	60" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum	4,530.72	183.61
		Note: Includes bird screen.		
		For Flange Frame, Add	*416.35*	
		For Clear Lacquer Finish, Add	*832.70*	
		For Baked Enamel Standard Colors, Add	*1,249.05*	
		For Anodized Finish, Add	*1,665.40*	
		For Kynar® Standard Colors Finish, Add	*2,289.93*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0136	EA	60" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum	4,876.57	189.44
		Note: Includes bird screen.		
		For Flange Frame, Add	*449.77*	
		For Clear Lacquer Finish, Add	*899.54*	
		For Baked Enamel Standard Colors, Add	*1,349.31*	
		For Anodized Finish, Add	*1,799.08*	
		For Kynar® Standard Colors Finish, Add	*2,473.74*	
08 91 19 00-0137	EA	66" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum	1,333.61	81.60
		Note: Includes bird screen.		
		For Flange Frame, Add	*117.04*	
		For Clear Lacquer Finish, Add	*234.08*	
		For Baked Enamel Standard Colors, Add	*351.12*	
		For Anodized Finish, Add	*468.16*	
		For Kynar® Standard Colors Finish, Add	*643.72*	
08 91 19 00-0138	EA	66" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum	1,650.44	99.09
		Note: Includes bird screen.		
		For Flange Frame, Add	*145.23*	
		For Clear Lacquer Finish, Add	*290.45*	
		For Baked Enamel Standard Colors, Add	*435.68*	
		For Anodized Finish, Add	*580.90*	
		For Kynar® Standard Colors Finish, Add	*798.74*	
08 91 19 00-0139	EA	66" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum	1,922.98	116.57
		Note: Includes bird screen.		
		For Flange Frame, Add	*168.98*	
		For Clear Lacquer Finish, Add	*337.97*	
		For Baked Enamel Standard Colors, Add	*506.95*	
		For Anodized Finish, Add	*675.93*	
		For Kynar® Standard Colors Finish, Add	*929.41*	
08 91 19 00-0140	EA	66" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum	2,213.81	122.40
		Note: Includes bird screen.		
		For Flange Frame, Add	*196.90*	
		For Clear Lacquer Finish, Add	*393.80*	
		For Baked Enamel Standard Colors, Add	*590.70*	
		For Anodized Finish, Add	*787.60*	
		For Kynar® Standard Colors Finish, Add	*1,082.96*	
08 91 19 00-0141	EA	66" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum	2,601.28	128.23
		Note: Includes bird screen.		
		For Flange Frame, Add	*234.48*	
		For Clear Lacquer Finish, Add	*468.96*	
		For Baked Enamel Standard Colors, Add	*703.45*	
		For Anodized Finish, Add	*937.93*	
		For Kynar® Standard Colors Finish, Add	*1,289.65*	
08 91 19 00-0142	EA	66" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum	2,870.65	134.06
		Note: Includes bird screen.		
		For Flange Frame, Add	*260.25*	
		For Clear Lacquer Finish, Add	*520.51*	
		For Baked Enamel Standard Colors, Add	*780.76*	
		For Anodized Finish, Add	*1,041.01*	
		For Kynar® Standard Colors Finish, Add	*1,431.39*	
08 91 19 00-0143	EA	66" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum	3,128.39	142.80
		Note: Includes bird screen.		
		For Flange Frame, Add	*284.28*	
		For Clear Lacquer Finish, Add	*568.56*	
		For Baked Enamel Standard Colors, Add	*852.83*	
		For Anodized Finish, Add	*1,137.11*	
		For Kynar® Standard Colors Finish, Add	*1,563.53*	
08 91 19 00-0144	EA	66" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum	3,431.76	151.55
		Note: Includes bird screen.		
		For Flange Frame, Add	*312.87*	
		For Clear Lacquer Finish, Add	*625.73*	
		For Baked Enamel Standard Colors, Add	*938.60*	
		For Anodized Finish, Add	*1,251.47*	
		For Kynar® Standard Colors Finish, Add	*1,720.77*	
08 91 19 00-0145	EA	66" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum	3,688.16	160.29
		Note: Includes bird screen.		
		For Flange Frame, Add	*336.76*	
		For Clear Lacquer Finish, Add	*673.52*	
		For Baked Enamel Standard Colors, Add	*1,010.27*	
		For Anodized Finish, Add	*1,347.03*	
		For Kynar® Standard Colors Finish, Add	*1,852.17*	
08 91 19 00-0146	EA	66" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum	4,083.27	171.95
		Note: Includes bird screen.		
		For Flange Frame, Add	*373.94*	
		For Clear Lacquer Finish, Add	*747.87*	
		For Baked Enamel Standard Colors, Add	*1,121.81*	
		For Anodized Finish, Add	*1,495.75*	
		For Kynar® Standard Colors Finish, Add	*2,056.65*	
08 91 19 00-0147	EA	66" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum	4,330.28	180.69
		Note: Includes bird screen.		
		For Flange Frame, Add	*396.89*	
		For Clear Lacquer Finish, Add	*793.78*	
		For Baked Enamel Standard Colors, Add	*1,190.67*	
		For Anodized Finish, Add	*1,587.56*	
		For Kynar® Standard Colors Finish, Add	*2,182.89*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0148	EA	66" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum	4,594.25	186.52
		Note: Includes bird screen.		
		For Flange Frame, Add	*422.12*	
		For Clear Lacquer Finish, Add	*844.24*	
		For Baked Enamel Standard Colors, Add	*1,266.37*	
		For Anodized Finish, Add	*1,688.49*	
		For Kynar® Standard Colors Finish, Add	*2,321.67*	
08 91 19 00-0149	EA	66" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum	4,863.61	192.35
		Note: Includes bird screen.		
		For Flange Frame, Add	*447.89*	
		For Clear Lacquer Finish, Add	*895.78*	
		For Baked Enamel Standard Colors, Add	*1,343.68*	
		For Anodized Finish, Add	*1,791.57*	
		For Kynar® Standard Colors Finish, Add	*2,463.41*	
08 91 19 00-0150	EA	66" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum	5,096.73	198.18
		Note: Includes bird screen.		
		For Flange Frame, Add	*470.04*	
		For Clear Lacquer Finish, Add	*940.08*	
		For Baked Enamel Standard Colors, Add	*1,410.11*	
		For Anodized Finish, Add	*1,880.15*	
		For Kynar® Standard Colors Finish, Add	*2,585.21*	
08 91 19 00-0151	EA	66" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum	5,482.87	204.01
		Note: Includes bird screen.		
		For Flange Frame, Add	*507.49*	
		For Clear Lacquer Finish, Add	*1,014.97*	
		For Baked Enamel Standard Colors, Add	*1,522.46*	
		For Anodized Finish, Add	*2,029.94*	
		For Kynar® Standard Colors Finish, Add	*2,791.17*	
08 91 19 00-0152	EA	72" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum	1,407.00	87.43
		Note: Includes bird screen.		
		For Flange Frame, Add	*123.21*	
		For Clear Lacquer Finish, Add	*246.43*	
		For Baked Enamel Standard Colors, Add	*369.64*	
		For Anodized Finish, Add	*492.86*	
		For Kynar® Standard Colors Finish, Add	*677.68*	
08 91 19 00-0153	EA	72" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum	1,739.95	104.91
		Note: Includes bird screen.		
		For Flange Frame, Add	*153.01*	
		For Clear Lacquer Finish, Add	*306.02*	
		For Baked Enamel Standard Colors, Add	*459.03*	
		For Anodized Finish, Add	*612.04*	
		For Kynar® Standard Colors Finish, Add	*841.56*	
08 91 19 00-0154	EA	72" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum	2,027.24	122.40
		Note: Includes bird screen.		
		For Flange Frame, Add	*178.24*	
		For Clear Lacquer Finish, Add	*356.49*	
		For Baked Enamel Standard Colors, Add	*534.73*	
		For Anodized Finish, Add	*712.98*	
		For Kynar® Standard Colors Finish, Add	*980.34*	
08 91 19 00-0155	EA	72" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum	2,341.36	131.15
		Note: Includes bird screen.		
		For Flange Frame, Add	*207.91*	
		For Clear Lacquer Finish, Add	*415.81*	
		For Baked Enamel Standard Colors, Add	*623.72*	
		For Anodized Finish, Add	*831.63*	
		For Kynar® Standard Colors Finish, Add	*1,143.49*	
08 91 19 00-0156	EA	72" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum	2,757.02	136.97
		Note: Includes bird screen.		
		For Flange Frame, Add	*248.31*	
		For Clear Lacquer Finish, Add	*496.61*	
		For Baked Enamel Standard Colors, Add	*744.92*	
		For Anodized Finish, Add	*993.23*	
		For Kynar® Standard Colors Finish, Add	*1,365.69*	
08 91 19 00-0157	EA	72" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum	3,041.15	142.80
		Note: Includes bird screen.		
		For Flange Frame, Add	*275.55*	
		For Clear Lacquer Finish, Add	*551.11*	
		For Baked Enamel Standard Colors, Add	*826.66*	
		For Anodized Finish, Add	*1,102.22*	
		For Kynar® Standard Colors Finish, Add	*1,515.55*	
08 91 19 00-0158	EA	72" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum	3,316.33	151.55
		Note: Includes bird screen.		
		For Flange Frame, Add	*301.32*	
		For Clear Lacquer Finish, Add	*602.65*	
		For Baked Enamel Standard Colors, Add	*903.97*	
		For Anodized Finish, Add	*1,205.30*	
		For Kynar® Standard Colors Finish, Add	*1,657.28*	
08 91 19 00-0159	EA	72" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum	3,631.33	157.38
		Note: Includes bird screen.		
		For Flange Frame, Add	*331.66*	
		For Clear Lacquer Finish, Add	*663.32*	
		For Baked Enamel Standard Colors, Add	*994.97*	
		For Anodized Finish, Add	*1,326.63*	
		For Kynar® Standard Colors Finish, Add	*1,824.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0160	EA	72" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum	3,899.81	166.12
		Note: Includes bird screen.		
		For Flange Frame, Add	*356.76*	
		For Clear Lacquer Finish, Add	*713.51*	
		For Baked Enamel Standard Colors, Add	*1,070.27*	
		For Anodized Finish, Add	*1,427.03*	
		For Kynar® Standard Colors Finish, Add	*1,962.16*	
08 91 19 00-0161	EA	72" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum	4,330.28	180.69
		Note: Includes bird screen.		
		For Flange Frame, Add	*396.89*	
		For Clear Lacquer Finish, Add	*793.78*	
		For Baked Enamel Standard Colors, Add	*1,190.67*	
		For Anodized Finish, Add	*1,587.56*	
		For Kynar® Standard Colors Finish, Add	*2,182.89*	
08 91 19 00-0162	EA	72" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum	4,602.76	189.44
		Note: Includes bird screen.		
		For Flange Frame, Add	*422.39*	
		For Clear Lacquer Finish, Add	*844.78*	
		For Baked Enamel Standard Colors, Add	*1,267.17*	
		For Anodized Finish, Add	*1,689.56*	
		For Kynar® Standard Colors Finish, Add	*2,323.15*	
08 91 19 00-0163	EA	72" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum	4,874.81	195.27
		Note: Includes bird screen.		
		For Flange Frame, Add	*448.43*	
		For Clear Lacquer Finish, Add	*896.86*	
		For Baked Enamel Standard Colors, Add	*1,345.29*	
		For Anodized Finish, Add	*1,793.72*	
		For Kynar® Standard Colors Finish, Add	*2,466.36*	
08 91 19 00-0164	EA	72" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum	5,150.88	201.10
		Note: Includes bird screen.		
		For Flange Frame, Add	*474.87*	
		For Clear Lacquer Finish, Add	*949.74*	
		For Baked Enamel Standard Colors, Add	*1,424.61*	
		For Anodized Finish, Add	*1,899.48*	
		For Kynar® Standard Colors Finish, Add	*2,611.79*	
08 91 19 00-0165	EA	72" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum	5,409.51	206.92
		Note: Includes bird screen.		
		For Flange Frame, Add	*499.57*	
		For Clear Lacquer Finish, Add	*999.13*	
		For Baked Enamel Standard Colors, Add	*1,498.70*	
		For Anodized Finish, Add	*1,998.27*	
		For Kynar® Standard Colors Finish, Add	*2,747.62*	
08 91 19 00-0166	EA	72" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum	5,821.14	212.75
		Note: Includes bird screen.		
		For Flange Frame, Add	*539.56*	
		For Clear Lacquer Finish, Add	*1,079.13*	
		For Baked Enamel Standard Colors, Add	*1,618.69*	
		For Anodized Finish, Add	*2,158.26*	
		For Kynar® Standard Colors Finish, Add	*2,967.60*	
08 91 19 00-0167	EA	78" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum	1,496.51	93.26
		Note: Includes bird screen.		
		For Flange Frame, Add	*131.00*	
		For Clear Lacquer Finish, Add	*262.00*	
		For Baked Enamel Standard Colors, Add	*393.00*	
		For Anodized Finish, Add	*524.00*	
		For Kynar® Standard Colors Finish, Add	*720.49*	
08 91 19 00-0168	EA	78" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum	1,838.85	110.74
		Note: Includes bird screen.		
		For Flange Frame, Add	*161.74*	
		For Clear Lacquer Finish, Add	*323.47*	
		For Baked Enamel Standard Colors, Add	*485.21*	
		For Anodized Finish, Add	*646.94*	
		For Kynar® Standard Colors Finish, Add	*889.54*	
08 91 19 00-0169	EA	78" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum	2,132.86	128.23
		Note: Includes bird screen.		
		For Flange Frame, Add	*187.64*	
		For Clear Lacquer Finish, Add	*375.28*	
		For Baked Enamel Standard Colors, Add	*562.92*	
		For Anodized Finish, Add	*750.56*	
		For Kynar® Standard Colors Finish, Add	*1,032.02*	
08 91 19 00-0170	EA	78" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum	2,468.45	136.97
		Note: Includes bird screen.		
		For Flange Frame, Add	*219.45*	
		For Clear Lacquer Finish, Add	*438.90*	
		For Baked Enamel Standard Colors, Add	*658.35*	
		For Anodized Finish, Add	*877.80*	
		For Kynar® Standard Colors Finish, Add	*1,206.98*	
08 91 19 00-0171	EA	78" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum	2,908.27	142.80
		Note: Includes bird screen.		
		For Flange Frame, Add	*262.27*	
		For Clear Lacquer Finish, Add	*524.53*	
		For Baked Enamel Standard Colors, Add	*786.80*	
		For Anodized Finish, Add	*1,049.06*	
		For Kynar® Standard Colors Finish, Add	*1,442.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0172	EA	78" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum	3,204.48	148.63
		Note: Includes bird screen.		
		For Flange Frame, Add	*290.72*	
		For Clear Lacquer Finish, Add	*581.44*	
		For Baked Enamel Standard Colors, Add	*872.16*	
		For Anodized Finish, Add	*1,162.88*	
		For Kynar® Standard Colors Finish, Add	*1,598.97*	
08 91 19 00-0173	EA	78" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum	3,499.79	157.38
		Note: Includes bird screen.		
		For Flange Frame, Add	*318.50*	
		For Clear Lacquer Finish, Add	*637.01*	
		For Baked Enamel Standard Colors, Add	*955.51*	
		For Anodized Finish, Add	*1,274.02*	
		For Kynar® Standard Colors Finish, Add	*1,751.77*	
08 91 19 00-0174	EA	78" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum	3,833.58	163.21
		Note: Includes bird screen.		
		For Flange Frame, Add	*350.72*	
		For Clear Lacquer Finish, Add	*701.43*	
		For Baked Enamel Standard Colors, Add	*1,052.15*	
		For Anodized Finish, Add	*1,402.87*	
		For Kynar® Standard Colors Finish, Add	*1,928.94*	
08 91 19 00-0175	EA	78" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum	4,122.19	171.95
		Note: Includes bird screen.		
		For Flange Frame, Add	*377.83*	
		For Clear Lacquer Finish, Add	*755.66*	
		For Baked Enamel Standard Colors, Add	*1,133.49*	
		For Anodized Finish, Add	*1,511.32*	
		For Kynar® Standard Colors Finish, Add	*2,078.06*	
08 91 19 00-0176	EA	78" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum	4,580.83	186.52
		Note: Includes bird screen.		
		For Flange Frame, Add	*420.78*	
		For Clear Lacquer Finish, Add	*841.56*	
		For Baked Enamel Standard Colors, Add	*1,262.34*	
		For Anodized Finish, Add	*1,683.12*	
		For Kynar® Standard Colors Finish, Add	*2,314.29*	
08 91 19 00-0177	EA	78" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum	4,866.76	195.27
		Note: Includes bird screen.		
		For Flange Frame, Add	*447.62*	
		For Clear Lacquer Finish, Add	*895.25*	
		For Baked Enamel Standard Colors, Add	*1,342.87*	
		For Anodized Finish, Add	*1,790.50*	
		For Kynar® Standard Colors Finish, Add	*2,461.93*	
08 91 19 00-0178	EA	78" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum	5,166.11	204.01
		Note: Includes bird screen.		
		For Flange Frame, Add	*475.81*	
		For Clear Lacquer Finish, Add	*951.62*	
		For Baked Enamel Standard Colors, Add	*1,427.43*	
		For Anodized Finish, Add	*1,903.24*	
		For Kynar® Standard Colors Finish, Add	*2,616.96*	
08 91 19 00-0179	EA	78" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum	5,442.18	209.84
		Note: Includes bird screen.		
		For Flange Frame, Add	*502.25*	
		For Clear Lacquer Finish, Add	*1,004.50*	
		For Baked Enamel Standard Colors, Add	*1,506.75*	
		For Anodized Finish, Add	*2,009.00*	
		For Kynar® Standard Colors Finish, Add	*2,762.38*	
08 91 19 00-0180	EA	78" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum	5,718.26	215.67
		Note: Includes bird screen.		
		For Flange Frame, Add	*528.69*	
		For Clear Lacquer Finish, Add	*1,057.39*	
		For Baked Enamel Standard Colors, Add	*1,586.08*	
		For Anodized Finish, Add	*2,114.77*	
		For Kynar® Standard Colors Finish, Add	*2,907.81*	
08 91 19 00-0181	EA	78" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum	6,156.73	221.50
		Note: Includes bird screen.		
		For Flange Frame, Add	*571.38*	
		For Clear Lacquer Finish, Add	*1,142.75*	
		For Baked Enamel Standard Colors, Add	*1,714.13*	
		For Anodized Finish, Add	*2,285.50*	
		For Kynar® Standard Colors Finish, Add	*3,142.56*	
08 91 19 00-0182	EA	84" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum	1,568.57	99.09
		Note: Includes bird screen.		
		For Flange Frame, Add	*137.04*	
		For Clear Lacquer Finish, Add	*274.08*	
		For Baked Enamel Standard Colors, Add	*411.12*	
		For Anodized Finish, Add	*548.16*	
		For Kynar® Standard Colors Finish, Add	*753.71*	
08 91 19 00-0183	EA	84" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum	1,925.66	116.57
		Note: Includes bird screen.		
		For Flange Frame, Add	*169.25*	
		For Clear Lacquer Finish, Add	*338.50*	
		For Baked Enamel Standard Colors, Add	*507.75*	
		For Anodized Finish, Add	*677.00*	
		For Kynar® Standard Colors Finish, Add	*930.88*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0184	EA	84" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum	2,251.89	134.06
		Note: Includes bird screen.		
		For Flange Frame, Add	*198.38*	
		For Clear Lacquer Finish, Add	*396.75*	
		For Baked Enamel Standard Colors, Add	*595.13*	
		For Anodized Finish, Add	*793.51*	
		For Kynar® Standard Colors Finish, Add	*1,091.07*	
08 91 19 00-0185	EA	84" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum	2,598.22	142.80
		Note: Includes bird screen.		
		For Flange Frame, Add	*231.26*	
		For Clear Lacquer Finish, Add	*462.52*	
		For Baked Enamel Standard Colors, Add	*693.78*	
		For Anodized Finish, Add	*925.04*	
		For Kynar® Standard Colors Finish, Add	*1,271.94*	
08 91 19 00-0186	EA	84" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum	3,066.23	148.63
		Note: Includes bird screen.		
		For Flange Frame, Add	*276.90*	
		For Clear Lacquer Finish, Add	*553.79*	
		For Baked Enamel Standard Colors, Add	*830.69*	
		For Anodized Finish, Add	*1,107.58*	
		For Kynar® Standard Colors Finish, Add	*1,522.93*	
08 91 19 00-0187	EA	84" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum	3,379.87	154.46
		Note: Includes bird screen.		
		For Flange Frame, Add	*307.10*	
		For Clear Lacquer Finish, Add	*614.19*	
		For Baked Enamel Standard Colors, Add	*921.29*	
		For Anodized Finish, Add	*1,228.38*	
		For Kynar® Standard Colors Finish, Add	*1,689.02*	
08 91 19 00-0188	EA	84" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum	3,681.91	163.21
		Note: Includes bird screen.		
		For Flange Frame, Add	*335.55*	
		For Clear Lacquer Finish, Add	*671.10*	
		For Baked Enamel Standard Colors, Add	*1,006.65*	
		For Anodized Finish, Add	*1,342.20*	
		For Kynar® Standard Colors Finish, Add	*1,845.53*	
08 91 19 00-0189	EA	84" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum	4,042.54	169.03
		Note: Includes bird screen.		
		For Flange Frame, Add	*370.45*	
		For Clear Lacquer Finish, Add	*740.89*	
		For Baked Enamel Standard Colors, Add	*1,111.34*	
		For Anodized Finish, Add	*1,481.79*	
		For Kynar® Standard Colors Finish, Add	*2,037.46*	
08 91 19 00-0190	EA	84" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum	4,345.92	177.78
		Note: Includes bird screen.		
		For Flange Frame, Add	*399.04*	
		For Clear Lacquer Finish, Add	*798.07*	
		For Baked Enamel Standard Colors, Add	*1,197.11*	
		For Anodized Finish, Add	*1,596.14*	
		For Kynar® Standard Colors Finish, Add	*2,194.70*	
08 91 19 00-0191	EA	84" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum	4,832.74	192.35
		Note: Includes bird screen.		
		For Flange Frame, Add	*444.81*	
		For Clear Lacquer Finish, Add	*889.61*	
		For Baked Enamel Standard Colors, Add	*1,334.42*	
		For Anodized Finish, Add	*1,779.22*	
		For Kynar® Standard Colors Finish, Add	*2,446.43*	
08 91 19 00-0192	EA	84" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum	5,129.41	201.10
		Note: Includes bird screen.		
		For Flange Frame, Add	*472.72*	
		For Clear Lacquer Finish, Add	*945.45*	
		For Baked Enamel Standard Colors, Add	*1,418.17*	
		For Anodized Finish, Add	*1,890.89*	
		For Kynar® Standard Colors Finish, Add	*2,599.98*	
08 91 19 00-0193	EA	84" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum	5,455.60	209.84
		Note: Includes bird screen.		
		For Flange Frame, Add	*503.59*	
		For Clear Lacquer Finish, Add	*1,007.19*	
		For Baked Enamel Standard Colors, Add	*1,510.78*	
		For Anodized Finish, Add	*2,014.37*	
		For Kynar® Standard Colors Finish, Add	*2,769.76*	
08 91 19 00-0194	EA	84" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum	5,806.84	215.67
		Note: Includes bird screen.		
		For Flange Frame, Add	*537.55*	
		For Clear Lacquer Finish, Add	*1,075.10*	
		For Baked Enamel Standard Colors, Add	*1,612.65*	
		For Anodized Finish, Add	*2,150.20*	
		For Kynar® Standard Colors Finish, Add	*2,956.53*	
08 91 19 00-0195	EA	84" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum	6,123.17	221.50
		Note: Includes bird screen.		
		For Flange Frame, Add	*568.02*	
		For Clear Lacquer Finish, Add	*1,136.04*	
		For Baked Enamel Standard Colors, Add	*1,704.06*	
		For Anodized Finish, Add	*2,272.08*	
		For Kynar® Standard Colors Finish, Add	*3,124.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0196	EA	84" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum	6,595.20	227.32
		Note: Includes bird screen.		
		For Flange Frame, Add	*614.06*	
		For Clear Lacquer Finish, Add	*1,228.11*	
		For Baked Enamel Standard Colors, Add	*1,842.17*	
		For Anodized Finish, Add	*2,456.22*	
		For Kynar® Standard Colors Finish, Add	*3,377.31*	
08 91 19 00-0197	EA	90" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum	1,662.56	107.83
		Note: Includes bird screen.		
		For Flange Frame, Add	*144.69*	
		For Clear Lacquer Finish, Add	*289.38*	
		For Baked Enamel Standard Colors, Add	*434.07*	
		For Anodized Finish, Add	*578.76*	
		For Kynar® Standard Colors Finish, Add	*795.79*	
08 91 19 00-0198	EA	90" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum	2,025.02	125.32
		Note: Includes bird screen.		
		For Flange Frame, Add	*177.44*	
		For Clear Lacquer Finish, Add	*354.88*	
		For Baked Enamel Standard Colors, Add	*532.32*	
		For Anodized Finish, Add	*709.76*	
		For Kynar® Standard Colors Finish, Add	*975.91*	
08 91 19 00-0199	EA	90" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum	2,364.68	142.80
		Note: Includes bird screen.		
		For Flange Frame, Add	*207.91*	
		For Clear Lacquer Finish, Add	*415.81*	
		For Baked Enamel Standard Colors, Add	*623.72*	
		For Anodized Finish, Add	*831.63*	
		For Kynar® Standard Colors Finish, Add	*1,143.49*	
08 91 19 00-0200	EA	90" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum	2,721.73	151.55
		Note: Includes bird screen.		
		For Flange Frame, Add	*241.86*	
		For Clear Lacquer Finish, Add	*483.73*	
		For Baked Enamel Standard Colors, Add	*725.59*	
		For Anodized Finish, Add	*967.46*	
		For Kynar® Standard Colors Finish, Add	*1,330.25*	
08 91 19 00-0201	EA	90" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum	3,221.96	157.38
		Note: Includes bird screen.		
		For Flange Frame, Add	*290.72*	
		For Clear Lacquer Finish, Add	*581.44*	
		For Baked Enamel Standard Colors, Add	*872.16*	
		For Anodized Finish, Add	*1,162.88*	
		For Kynar® Standard Colors Finish, Add	*1,598.97*	
08 91 19 00-0202	EA	90" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum	3,546.35	163.21
		Note: Includes bird screen.		
		For Flange Frame, Add	*321.99*	
		For Clear Lacquer Finish, Add	*643.99*	
		For Baked Enamel Standard Colors, Add	*965.98*	
		For Anodized Finish, Add	*1,287.98*	
		For Kynar® Standard Colors Finish, Add	*1,770.97*	
08 91 19 00-0203	EA	90" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum	3,855.98	169.03
		Note: Includes bird screen.		
		For Flange Frame, Add	*351.79*	
		For Clear Lacquer Finish, Add	*703.58*	
		For Baked Enamel Standard Colors, Add	*1,055.37*	
		For Anodized Finish, Add	*1,407.16*	
		For Kynar® Standard Colors Finish, Add	*1,934.85*	
08 91 19 00-0204	EA	90" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum	4,236.74	174.86
		Note: Includes bird screen.		
		For Flange Frame, Add	*388.70*	
		For Clear Lacquer Finish, Add	*777.40*	
		For Baked Enamel Standard Colors, Add	*1,166.10*	
		For Anodized Finish, Add	*1,554.80*	
		For Kynar® Standard Colors Finish, Add	*2,137.86*	
08 91 19 00-0205	EA	90" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum	4,556.23	183.61
		Note: Includes bird screen.		
		For Flange Frame, Add	*418.90*	
		For Clear Lacquer Finish, Add	*837.80*	
		For Baked Enamel Standard Colors, Add	*1,256.70*	
		For Anodized Finish, Add	*1,675.60*	
		For Kynar® Standard Colors Finish, Add	*2,303.96*	
08 91 19 00-0206	EA	90" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum	5,071.23	198.18
		Note: Includes bird screen.		
		For Flange Frame, Add	*467.49*	
		For Clear Lacquer Finish, Add	*934.98*	
		For Baked Enamel Standard Colors, Add	*1,402.46*	
		For Anodized Finish, Add	*1,869.95*	
		For Kynar® Standard Colors Finish, Add	*2,571.18*	
08 91 19 00-0207	EA	90" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum	5,381.32	206.92
		Note: Includes bird screen.		
		For Flange Frame, Add	*496.75*	
		For Clear Lacquer Finish, Add	*993.50*	
		For Baked Enamel Standard Colors, Add	*1,490.24*	
		For Anodized Finish, Add	*1,986.99*	
		For Kynar® Standard Colors Finish, Add	*2,732.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0208	EA	90" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum	5,737.05	215.67
		Note: Includes bird screen.		
		For Flange Frame, Add	*530.57*	
		For Clear Lacquer Finish, Add	*1,061.14*	
		For Baked Enamel Standard Colors, Add	*1,591.72*	
		For Anodized Finish, Add	*2,122.29*	
		For Kynar® Standard Colors Finish, Add	*2,918.15*	
08 91 19 00-0209	EA	90" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum	6,109.75	221.50
		Note: Includes bird screen.		
		For Flange Frame, Add	*566.68*	
		For Clear Lacquer Finish, Add	*1,133.35*	
		For Baked Enamel Standard Colors, Add	*1,700.03*	
		For Anodized Finish, Add	*2,266.71*	
		For Kynar® Standard Colors Finish, Add	*3,116.72*	
08 91 19 00-0210	EA	90" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum	6,423.86	230.23
		Note: Includes bird screen.		
		For Flange Frame, Add	*596.34*	
		For Clear Lacquer Finish, Add	*1,192.68*	
		For Baked Enamel Standard Colors, Add	*1,789.02*	
		For Anodized Finish, Add	*2,385.36*	
		For Kynar® Standard Colors Finish, Add	*3,279.86*	
08 91 19 00-0211	EA	90" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum	6,924.09	236.06
		Note: Includes bird screen.		
		For Flange Frame, Add	*645.20*	
		For Clear Lacquer Finish, Add	*1,290.39*	
		For Baked Enamel Standard Colors, Add	*1,935.59*	
		For Anodized Finish, Add	*2,580.78*	
		For Kynar® Standard Colors Finish, Add	*3,548.58*	
08 91 19 00-0212	EA	96" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum	1,743.13	116.57
		Note: Includes bird screen.		
		For Flange Frame, Add	*151.00*	
		For Clear Lacquer Finish, Add	*302.00*	
		For Baked Enamel Standard Colors, Add	*452.99*	
		For Anodized Finish, Add	*603.99*	
		For Kynar® Standard Colors Finish, Add	*830.49*	
08 91 19 00-0213	EA	96" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum	2,119.01	134.06
		Note: Includes bird screen.		
		For Flange Frame, Add	*185.09*	
		For Clear Lacquer Finish, Add	*370.18*	
		For Baked Enamel Standard Colors, Add	*555.27*	
		For Anodized Finish, Add	*740.36*	
		For Kynar® Standard Colors Finish, Add	*1,017.99*	
08 91 19 00-0214	EA	96" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum	2,476.11	151.55
		Note: Includes bird screen.		
		For Flange Frame, Add	*217.30*	
		For Clear Lacquer Finish, Add	*434.60*	
		For Baked Enamel Standard Colors, Add	*651.91*	
		For Anodized Finish, Add	*869.21*	
		For Kynar® Standard Colors Finish, Add	*1,195.16*	
08 91 19 00-0215	EA	96" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum	2,853.31	160.29
		Note: Includes bird screen.		
		For Flange Frame, Add	*253.27*	
		For Clear Lacquer Finish, Add	*506.55*	
		For Baked Enamel Standard Colors, Add	*759.82*	
		For Anodized Finish, Add	*1,013.09*	
		For Kynar® Standard Colors Finish, Add	*1,393.00*	
08 91 19 00-0216	EA	96" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum	3,369.64	166.12
		Note: Includes bird screen.		
		For Flange Frame, Add	*303.74*	
		For Clear Lacquer Finish, Add	*607.48*	
		For Baked Enamel Standard Colors, Add	*911.22*	
		For Anodized Finish, Add	*1,214.96*	
		For Kynar® Standard Colors Finish, Add	*1,670.57*	
08 91 19 00-0217	EA	96" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum	3,749.06	171.95
		Note: Includes bird screen.		
		For Flange Frame, Add	*340.52*	
		For Clear Lacquer Finish, Add	*681.03*	
		For Baked Enamel Standard Colors, Add	*1,021.55*	
		For Anodized Finish, Add	*1,362.06*	
		For Kynar® Standard Colors Finish, Add	*1,872.84*	
08 91 19 00-0218	EA	96" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum	4,078.82	177.78
		Note: Includes bird screen.		
		For Flange Frame, Add	*372.33*	
		For Clear Lacquer Finish, Add	*744.65*	
		For Baked Enamel Standard Colors, Add	*1,116.98*	
		For Anodized Finish, Add	*1,489.30*	
		For Kynar® Standard Colors Finish, Add	*2,047.79*	
08 91 19 00-0219	EA	96" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum	4,440.80	183.61
		Note: Includes bird screen.		
		For Flange Frame, Add	*407.36*	
		For Clear Lacquer Finish, Add	*814.72*	
		For Baked Enamel Standard Colors, Add	*1,222.07*	
		For Anodized Finish, Add	*1,629.43*	
		For Kynar® Standard Colors Finish, Add	*2,240.47*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0220	EA	96" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum	4,775.91	189.44
		Note: Includes bird screen.		
		For Flange Frame, Add	*439.71*	
		For Clear Lacquer Finish, Add	*879.41*	
		For Baked Enamel Standard Colors, Add	*1,319.12*	
		For Anodized Finish, Add	*1,758.82*	
		For Kynar® Standard Colors Finish, Add	*2,418.38*	
08 91 19 00-0221	EA	96" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum	5,329.86	204.01
		Note: Includes bird screen.		
		For Flange Frame, Add	*492.19*	
		For Clear Lacquer Finish, Add	*984.37*	
		For Baked Enamel Standard Colors, Add	*1,476.56*	
		For Anodized Finish, Add	*1,968.74*	
		For Kynar® Standard Colors Finish, Add	*2,707.02*	
08 91 19 00-0222	EA	96" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum	4,206.48	212.75
		Note: Includes bird screen.		
		For Flange Frame, Add	*378.10*	
		For Clear Lacquer Finish, Add	*756.20*	
		For Baked Enamel Standard Colors, Add	*1,134.29*	
		For Anodized Finish, Add	*1,512.39*	
		For Kynar® Standard Colors Finish, Add	*2,079.54*	
08 91 19 00-0223	EA	96" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum	6,014.45	221.50
		Note: Includes bird screen.		
		For Flange Frame, Add	*557.15*	
		For Clear Lacquer Finish, Add	*1,114.29*	
		For Baked Enamel Standard Colors, Add	*1,671.44*	
		For Anodized Finish, Add	*2,228.59*	
		For Kynar® Standard Colors Finish, Add	*3,064.31*	
08 91 19 00-0224	EA	96" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum	6,400.59	227.32
		Note: Includes bird screen.		
		For Flange Frame, Add	*594.60*	
		For Clear Lacquer Finish, Add	*1,189.19*	
		For Baked Enamel Standard Colors, Add	*1,783.79*	
		For Anodized Finish, Add	*2,378.38*	
		For Kynar® Standard Colors Finish, Add	*3,270.27*	
08 91 19 00-0225	EA	96" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum	6,730.81	236.06
		Note: Includes bird screen.		
		For Flange Frame, Add	*625.87*	
		For Clear Lacquer Finish, Add	*1,251.74*	
		For Baked Enamel Standard Colors, Add	*1,877.60*	
		For Anodized Finish, Add	*2,503.47*	
		For Kynar® Standard Colors Finish, Add	*3,442.27*	
08 91 19 00-0226	EA	96" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum	7,267.73	244.80
		Note: Includes bird screen.		
		For Flange Frame, Add	*677.81*	
		For Clear Lacquer Finish, Add	*1,355.62*	
		For Baked Enamel Standard Colors, Add	*2,033.43*	
		For Anodized Finish, Add	*2,711.24*	
		For Kynar® Standard Colors Finish, Add	*3,727.96*	

08 91 19 00-0227 Gable Louver Vents *(08 91 19)*

Note: 1" deep, residential/light commercial grade louvers.

08 91 19 00-0228 Aluminum Gable Louver Vents *(08 91 19 00-0227)*

Note: Includes screen.

08 91 19 00-0229 Rectangular Aluminum Gable Louver Vents *(08 91 19 00-0228)*

Note: Includes screen.

08 91 19 00-0230	EA	12" x 18" Rectangular Fixed Aluminum Gable Louver Vent	270.92	11.31
08 91 19 00-0231	EA	12" x 24" Rectangular Fixed Aluminum Gable Louver Vent	296.23	12.99
08 91 19 00-0232	EA	18" x 24" Rectangular Fixed Aluminum Gable Louver Vent	341.85	14.67
08 91 19 00-0233	EA	18" x 30" Rectangular Fixed Aluminum Gable Louver Vent	375.03	15.59
08 91 19 00-0234	EA	24" x 30" Rectangular Fixed Aluminum Gable Louver Vent	428.49	16.51
08 91 19 00-0235	EA	24" x 36" Rectangular Fixed Aluminum Gable Louver Vent	478.96	19.80
08 91 19 00-0236	EA	30" x 36" Rectangular Fixed Aluminum Gable Louver Vent	554.69	24.75
08 91 19 00-0237	EA	30" x 42" Rectangular Fixed Aluminum Gable Louver Vent	617.80	28.88
08 91 19 00-0238	EA	36" x 42" Rectangular Fixed Aluminum Gable Louver Vent	706.13	34.66
08 91 19 00-0239	EA	42" x 48" Rectangular Fixed Aluminum Gable Louver Vent	882.80	46.20

08 91 19 00-0240 Square Aluminum Gable Louver Vents *(08 91 19 00-0228)*

Note: Includes screen.

08 91 19 00-0241	EA	12" x 12" Square Fixed Aluminum Gable Louver Vent	247.96	10.42
08 91 19 00-0242	EA	18" x 18" Square Fixed Aluminum Gable Louver Vent	307.01	13.20
08 91 19 00-0243	EA	24" x 24" Square Fixed Aluminum Gable Louver Vent	385.16	15.58
08 91 19 00-0244	EA	30" x 30" Square Fixed Aluminum Gable Louver Vent	491.59	20.63
08 91 19 00-0245	EA	36" x 36" Square Fixed Aluminum Gable Louver Vent	630.41	29.71
08 91 19 00-0246	EA	42" x 42" Square Fixed Aluminum Gable Louver Vent	794.38	40.41
08 91 19 00-0247	EA	48" x 48" Square Fixed Aluminum Gable Louver Vent	983.77	52.80

08 91 19 00-0248 Round Aluminum Gable Louver Vents *(08 91 19 00-0228)*

Note: Includes screen.

08 91 19 00-0249	EA	12" Diameter Round Fixed Aluminum Gable Louver Vent	247.96	10.42
08 91 19 00-0250	EA	18" Diameter Round Fixed Aluminum Gable Louver Vent	307.01	13.20

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0251	EA	24" Diameter Round Fixed Aluminum Gable Louver Vent	385.16	15.58
08 91 19 00-0252	EA	30" Diameter Round Fixed Aluminum Gable Louver Vent	491.59	20.63
08 91 19 00-0253	EA	36" Diameter Round Fixed Aluminum Gable Louver Vent	630.41	29.71
08 91 19 00-0254	EA	42" Diameter Round Fixed Aluminum Gable Louver Vent	794.48	40.43
08 91 19 00-0255		**Octagonal Aluminum Gable Louver Vents** *(08 91 19 00-0228)*		
		Note: Includes screen.		
08 91 19 00-0256	EA	12" x 12" Octagonal Fixed Aluminum Gable Louver Vent	247.96	10.42
08 91 19 00-0257	EA	12" x 18" Octagonal Fixed Aluminum Gable Louver Vent	270.92	11.31
08 91 19 00-0258	EA	12" x 24" Octagonal Fixed Aluminum Gable Louver Vent	296.23	12.99
08 91 19 00-0259	EA	18" x 18" Octagonal Fixed Aluminum Gable Louver Vent	307.01	13.20
08 91 19 00-0260	EA	18" x 24" Octagonal Fixed Aluminum Gable Louver Vent	341.85	14.67
08 91 19 00-0261	EA	18" x 30" Octagonal Fixed Aluminum Gable Louver Vent	375.03	15.59
08 91 19 00-0262	EA	24" x 24" Octagonal Fixed Aluminum Gable Louver Vent	385.16	15.58
08 91 19 00-0263	EA	24" x 30" Octagonal Fixed Aluminum Gable Louver Vent	428.49	16.51
08 91 19 00-0264	EA	24" x 36" Octagonal Fixed Aluminum Gable Louver Vent	478.96	19.80
08 91 19 00-0265	EA	30" x 30" Octagonal Fixed Aluminum Gable Louver Vent	491.59	20.63
08 91 19 00-0266	EA	30" x 36" Octagonal Fixed Aluminum Gable Louver Vent	554.69	24.75
08 91 19 00-0267	EA	30" x 42" Octagonal Fixed Aluminum Gable Louver Vent	617.80	28.88
08 91 19 00-0268	EA	36" x 36" Octagonal Fixed Aluminum Gable Louver Vent	630.41	29.71
08 91 19 00-0269	EA	36" x 42" Octagonal Fixed Aluminum Gable Louver Vent	706.13	34.66
08 91 19 00-0270	EA	36" x 48" Octagonal Fixed Aluminum Gable Louver Vent	781.85	39.60
08 91 19 00-0271	EA	42" x 42" Octagonal Fixed Aluminum Gable Louver Vent	794.48	40.43
08 91 19 00-0272	EA	42" x 48" Octagonal Fixed Aluminum Gable Louver Vent	882.80	46.20
08 91 19 00-0273	EA	48" x 48" Octagonal Fixed Aluminum Gable Louver Vent	983.77	52.80
08 91 19 00-0274		**Round Top Aluminum Gable Louver Vents** *(08 91 19 00-0228)*		
		Note: Includes screen.		
08 91 19 00-0275	EA	12" x 12" Round Top Fixed Aluminum Gable Louver Vent	247.96	10.42
08 91 19 00-0276	EA	12" x 18" Round Top Fixed Aluminum Gable Louver Vent	270.92	11.31
08 91 19 00-0277	EA	12" x 24" Round Top Fixed Aluminum Gable Louver Vent	296.23	12.99
08 91 19 00-0278	EA	18" x 18" Round Top Fixed Aluminum Gable Louver Vent	307.01	13.20
08 91 19 00-0279	EA	18" x 24" Round Top Fixed Aluminum Gable Louver Vent	341.85	14.67
08 91 19 00-0280	EA	18" x 30" Round Top Fixed Aluminum Gable Louver Vent	375.03	15.59
08 91 19 00-0281	EA	24" x 24" Round Top Fixed Aluminum Gable Louver Vent	385.16	15.58
08 91 19 00-0282	EA	24" x 30" Round Top Fixed Aluminum Gable Louver Vent	428.49	16.51
08 91 19 00-0283	EA	24" x 36" Round Top Fixed Aluminum Gable Louver Vent	478.96	19.80
08 91 19 00-0284	EA	30" x 30" Round Top Fixed Aluminum Gable Louver Vent	491.59	20.63
08 91 19 00-0285	EA	30" x 36" Round Top Fixed Aluminum Gable Louver Vent	554.69	24.75
08 91 19 00-0286	EA	30" x 42" Round Top Fixed Aluminum Gable Louver Vent	617.80	28.88
08 91 19 00-0287	EA	36" x 36" Round Top Fixed Aluminum Gable Louver Vent	630.41	29.71
08 91 19 00-0288	EA	36" x 42" Round Top Fixed Aluminum Gable Louver Vent	706.13	34.66
08 91 19 00-0289	EA	36" x 48" Round Top Fixed Aluminum Gable Louver Vent	781.85	39.60
08 91 19 00-0290	EA	42" x 42" Round Top Fixed Aluminum Gable Louver Vent	794.48	40.43
08 91 19 00-0291	EA	42" x 48" Round Top Fixed Aluminum Gable Louver Vent	882.80	46.20
08 91 19 00-0292	EA	48" x 48" Round Top Fixed Aluminum Gable Louver Vent	983.77	52.80
08 91 19 00-0293		**Triangle Aluminum Gable Louver Vents** *(08 91 19 00-0228)*		
		Note: Includes screen.		
08 91 19 00-0294	EA	36" Base x 30" High Triangle Fixed Aluminum Gable Louver Vent	519.37	12.99
08 91 19 00-0295	EA	36" Base x 36" High Triangle Fixed Aluminum Gable Louver Vent	588.01	15.58
08 91 19 00-0296	EA	48" Base x 30" High Triangle Fixed Aluminum Gable Louver Vent	631.34	16.51
08 91 19 00-0297	EA	48" Base x 36" High Triangle Fixed Aluminum Gable Louver Vent	722.38	19.80
08 91 19 00-0298	EA	48" Base x 42" High Triangle Fixed Aluminum Gable Louver Vent	806.00	20.63
08 91 19 00-0299	EA	60" Base x 24" High Triangle Fixed Aluminum Gable Louver Vent	656.11	24.75
08 91 19 00-0300	EA	60" Base x 30" High Triangle Fixed Aluminum Gable Louver Vent	769.94	28.88
08 91 19 00-0301	EA	60" Base x 36" High Triangle Fixed Aluminum Gable Louver Vent	873.83	29.71
08 91 19 00-0302	EA	60" Base x 42" High Triangle Fixed Aluminum Gable Louver Vent	990.12	34.66
08 91 19 00-0303	EA	72" Base x 24" High Triangle Fixed Aluminum Gable Louver Vent	781.85	39.60
08 91 19 00-0304	EA	72" Base x 30" High Triangle Fixed Aluminum Gable Louver Vent	906.04	40.43
08 91 19 00-0305	EA	72" Base x 36" High Triangle Fixed Aluminum Gable Louver Vent	1,045.08	46.20
08 91 19 00-0306	EA	72" Base x 42" High Triangle Fixed Aluminum Gable Louver Vent	1,186.62	52.80
08 91 19 00-0307	EA	72" Base x 48" High Triangle Fixed Aluminum Gable Louver Vent	1,331.97	60.68
08 91 19 00-0308		**Vinyl Gable Louver Vents** *(08 91 19 00-0227)*		
		Note: Includes screen.		
08 91 19 00-0309	EA	12" x 12" Square Fixed Vinyl Gable Louver Vent	78.12	10.42
08 91 19 00-0310	EA	12" x 18" Rectangular Fixed Vinyl Gable Louver Vent	94.88	11.31
08 91 19 00-0311	EA	18" x 24" Rectangular Fixed Vinyl Gable Louver Vent	129.74	14.67
08 91 19 00-0312	EA	24" x 30" Rectangular Fixed Vinyl Gable Louver Vent	179.06	16.51
08 91 19 00-0313	EA	18" Diameter Round Fixed Vinyl Gable Louver Vent	125.99	13.20
08 91 19 00-0314	EA	22" Diameter Round Fixed Vinyl Gable Louver Vent	145.48	15.58
08 91 19 00-0315	EA	30" Diameter Round Fixed Vinyl Gable Louver Vent	205.63	20.63
08 91 19 00-0316	EA	36" Diameter Round Fixed Vinyl Gable Louver Vent	300.69	29.71
08 91 19 00-0317	EA	18" x 18" Octagonal Fixed Vinyl Gable Louver Vent	125.99	13.20
08 91 19 00-0318	EA	22" x 22" Octagonal Fixed Vinyl Gable Louver Vent	142.73	14.67
08 91 19 00-0319	EA	27" x 27" Octagonal Fixed Vinyl Gable Louver Vent	185.05	16.51

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0320	EA	32" x 32" Octagonal Fixed Vinyl Gable Louver Vent	262.29	24.75
08 91 19 00-0321	EA	40" x 40" Octagonal Fixed Vinyl Gable Louver Vent	630.56	39.60
08 91 19 00-0322	EA	14" x 22" Round Top Fixed Vinyl Gable Louver Vent	123.46	12.99
08 91 19 00-0323	EA	22" x 32" Round Top Fixed Vinyl Gable Louver Vent	172.66	16.51
08 91 19 00-0324	EA	34" x 22" Half Round Fixed Vinyl Gable Louver Vent	177.88	19.80
08 91 19 00-0325	EA	52" Base x 26" High Triangle Fixed Vinyl Gable Louver Vent	415.91	24.75
08 91 19 00-0326	EA	56" Base x 23" High Triangle Fixed Vinyl Gable Louver Vent	415.91	24.75
08 91 19 00-0327	EA	56" Base x 26" High Triangle Fixed Vinyl Gable Louver Vent	415.91	24.75
08 91 19 00-0328	EA	62" Base x 23" High Triangle Fixed Vinyl Gable Louver Vent	415.91	24.75
08 91 19 00-0329	EA	62-1/2" Base x 21" High Triangle Fixed Vinyl Gable Louver Vent	415.91	24.75
08 91 19 00-0330	EA	70-1/2" Base x 17" High Triangle Fixed Vinyl Gable Louver Vent	460.51	39.60
08 91 19 00-0331	EA	70-1/2" Base x 20-1/2" High Triangle Fixed Vinyl Gable Louver Vent	460.51	39.60
08 91 19 00-0332	EA	72-1/2" Base x 18" High Triangle Fixed Vinyl Gable Louver Vent	460.51	39.60
08 91 19 00-0333	EA	74" Base x 14-1/2" High Triangle Fixed Vinyl Gable Louver Vent	460.51	39.60

08 95 Vents *(08 90)*

08 95 13 Soffit Vents *(08 95)*

08 95 13 00-0001 Aluminum Soffit Vents *(08 95 13)*

08 95 13 00-0002	LF	2-1/2" Wide Aluminum Soffit Vent	7.83	2.68
08 95 13 00-0003	LF	3" Wide Aluminum Soffit Vent	13.77	5.25
08 95 13 00-0004	EA	4" x 16" Under Eave Vent, Mill Finish	23.37	7.00
08 95 13 00-0005	EA	8" x 16" Under Eave Vent, Mill Finish	24.36	7.00

08 95 13 00-0006 Vinyl Soffit Vents *(08 95 13)*

08 95 13 00-0007	LF	Up To 2" Vinyl Soffit Vent, Perforated, White	6.58	2.71
		For Colors, Add	*0.12*	
08 95 13 00-0008	LF	3" To 4" Vinyl Soffit Vent, Perforated, White	6.77	2.71
		For Colors, Add	*0.14*	

08 95 16 Wall Vents *(08 95)*

08 95 16 00-0001 Foundation Vents *(08 95 16)*

08 95 16 00-0002	SI	Galvanized Steel Foundation Vent	0.55	0.23
08 95 16 00-0003	SI	Aluminum Foundation Vent	1.05	0.23
08 95 16 00-0004	SI	Stainless Steel Foundation Vent	1.15	0.23
08 95 16 00-0005	SI	Plastic Foundation Vent	0.74	0.23

END OF SECTION 08

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

09 Finishes

09 01 Maintenance of Finishes *(09)*

09 01 20 Maintenance of Plaster and Gypsum Board *(09 01)*

09 01 20 91 Plaster Restoration *(09 01 20)*

09 01 20 91-0001 Cut And Patch Hole In Gypsum Board To Match Existing *(09 01 20 91)*
Note: Includes cutting of existing gypsum board, cutting new board to fit opening, taping, gypsum board finishing, and disposal of debris into dumpster. Per location. See CSI section 09 29 00 00-0000 for "Gypsum Board" repairs > 32 SF.

09 01 20 91-0002	SF	Up To 2 SF, Cut And Patch Hole In Gypsum Board To Match Existing Note: Per location.	22.09
09 01 20 91-0003	SF	>2 To 4 SF, Cut And Patch Hole In Gypsum Board To Match Existing Note: Per location.	17.80
09 01 20 91-0004	SF	>4 To 8 SF, Cut And Patch Hole In Gypsum Board To Match Existing Note: Per location.	15.96
09 01 20 91-0005	SF	>8 To 16 SF, Cut And Patch Hole In Gypsum Board To Match Existing Note: Per location.	14.04
09 01 20 91-0006	SF	>16 To 32 SF, Cut And Patch Hole In Gypsum Board To Match Existing Note: Per location. See CSI section 09 29 10 00-0001 for "Gypsum Board" repairs > 32 SF.	12.55

09 01 20 91-0007 Plaster/Stucco Repair *(09 01 20 91)*
Note: Per location.

09 01 20 91-0008 Clean And Repair Crack In Plaster/Stucco *(09 01 20 91-0007)*
Note: Includes plaster weld.

09 01 20 91-0009	LF	Up To 10', Chip, Clean And Repair Crack In Plaster/Stucco	21.73
09 01 20 91-0010	LF	>10' To 50', Chip, Clean And Repair Crack In Plaster/Stucco	17.44
09 01 20 91-0011	LF	>50' To 100', Chip, Clean And Repair Crack In Plaster/Stucco	14.21
09 01 20 91-0012	LF	>100' To 250', Chip, Clean And Repair Crack In Plaster/Stucco	11.00
09 01 20 91-0013	LF	>250' To 500', Chip, Clean And Repair Crack In Plaster/Stucco	8.85
09 01 20 91-0014	LF	>500', Chip, Clean And Repair Crack In Plaster/Stucco	6.71

09 01 20 91-0015 Cut And Patch Hole In Plaster/Stucco To Match Existing *(09 01 20 91-0007)*
Note: Includes plaster weld.

09 01 20 91-0016	SF	Up To 10 SF, Cut And Patch Hole In Plaster To Match Existing	20.74
09 01 20 91-0017	SF	>10 To 50 SF, Cut And Patch Hole In Plaster To Match Existing	18.36
09 01 20 91-0018	SF	>50 To 100 SF, Cut And Patch Hole In Plaster To Match Existing	16.91
09 01 20 91-0019	SF	>100 To 250 SF, Cut And Patch Hole In Plaster To Match Existing	15.72
09 01 20 91-0020	SF	>250 To 500 SF, Cut And Patch Hole In Plaster To Match Existing	14.66
09 01 20 91-0021	SF	>500 SF, Cut And Patch Hole In Plaster To Match Existing	13.50

09 01 20 91-0022 Chip, Clean And Repair Plaster/Stucco *(09 01 20 91-0007)*
Note: Includes plaster weld.

09 01 20 91-0023	SF	Up To 10 SF, Chip, Clean And Repair Plaster/Stucco	39.13
09 01 20 91-0024	SF	>10 To 50 SF, Chip, Clean And Repair Plaster/Stucco	28.40
09 01 20 91-0025	SF	>50 To 250 SF, Chip, Clean And Repair Plaster/Stucco	20.89
09 01 20 91-0026	SF	>250 SF, Chip, Clean And Repair Plaster/Stucco	16.60

09 01 30 Maintenance of Tiling *(09 01)*

09 01 30 91 Tile Restoration *(09 01 30)*

09 01 30 91-0001	SF	Regrout Floor Tile Including Removal Of Loose Grout	8.93
09 01 30 91-0002	SF	Regrout Wall Tile Including Removal Of Loose Grout	11.15
09 01 30 91-0003	SF	Up To 1 SF, Cut And Patch Hole In Wall Tile To Match Existing Note: Per location.	56.30

09 01 60 Maintenance of Flooring *(09 01)*

09 01 60 91 Flooring Restoration *(09 01 60)*

09 01 60 91-0001 Grinding, Polishing And Sealing Terrazzo *(09 01 60 91)*

09 01 60 91-0002	CSF	Grinding, Polishing And Sealing Existing Terrazzo	366.18
09 01 60 91-0003	SF	Removal Of Setting Bed And Clean Area For Terrazzo Repair	5.57
09 01 60 91-0004	SF	Repair Existing Terrazzo	25.50
09 01 60 91-0005	LF	Repair Cracks In Existing Terrazzo	5.75

09 01 60 91-0006 Standard Flooring Maintenance *(09 01 60 91)*

09 01 60 91-0007	CSF	Steam Clean Carpet	53.35
09 01 60 91-0008	CSF	Wax And Polish Tile And VCT Flooring	58.29
		For Additional Coat, Add	*48.61*
		For Stripping Existing Wax From Floor, Add	*55.01*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 01 60 91-0009	CSF	Wax And Polish Wood Flooring	34.78	
		For Additional Coat, Add	*30.48*	
		For Stripping Existing Wax From Floor, Add	*55.01*	
09 01 60 91-0010	MSF	Vacuum Floors	29.91	

09 01 60 91-0011 Prepare Existing Concrete Floor Prior To Installation Of Flooring *(09 01 60 91)*

09 01 60 91-0012	SY	Grinding Of Existing Concrete Floor Prior To Installation Of Flooring Note: Up to 1/8" of material per pass	11.65	
09 01 60 91-0013	LF	Up To 6" Wide, Hand Detail Work/Grinding At Wall Of Existing Concrete Floor Prior To Installation Of Flooring Note: Up to 1/4" of material per pass	22.98	
09 01 60 91-0014	SY	Chemical Prepare Existing Concrete Floor Prior To Installation Of Flooring	9.44	

09 01 60 91-0015 Floor Sealants *(09 01 60 91)*

09 01 60 91-0016	SF	Water-Based Emulsion, Masonry/Tile/Stone/Terrazzo Floor Sealant/Finish, Per Coat Note: For terrazzo, concrete, quarry tile, brick and unglazed ceramic tile.	1.52	
09 01 60 91-0017	SF	Water-Based, Clear Acrylic, Concrete Floor Sealant/Finish, Per Coat Note: For interior/exterior concrete surfaces.	1.70	
09 01 60 91-0018	SF	Fluorochemical Acrylate Copolymer Masonry/Tile/Stone/Terrazzo Floor Sealant	1.65	
09 01 60 91-0019	GAL	Masonry/Tile/Stone/Terrazzo Floor Sealant (Extra To Be Provided To Owner)	50.82	

09 01 80 Maintenance of Acoustic Treatment *(09 01)*

09 01 80 00-0001 Removal Of Acoustical Ceiling Treatment *(09 01 80)*

09 01 80 00-0002	SF	Removal Of Acoustical And Popcorn Ceilings Treatment	2.67	

09 01 90 Maintenance of Painting and Coating *(09 01)*

09 01 90 52 Maintenance Repainting *(09 01 90)*

09 01 90 52-0001 Cleaning And Preparation Of Painted And Unpainted Surfaces *(09 01 90 52)*

Note: In excess of surface preparation required. Water blast and pressure washing includes mild detergent and rinsing of surface until detergent free. Media blast and water blast includes canvas/plastic for protection of existing surfaces as well as for containment and collection.

09 01 90 52-0002 Concrete And Masonry Surfaces, Surface Preparation *(09 01 90 52-0001)*

09 01 90 52-0003	SF	Trisodium Phosphate (TSP), Clean Concrete Or Masonry Surfaces, Surface Preparation	0.58	
		For Up To 100, Add	*0.42*	
		For >100 To 250, Add	*0.20*	
		For >250 To 500, Add	*0.08*	
		For >5,000 To 10,000, Deduct	*-0.03*	
		For >10,000 To 15,000, Deduct	*-0.06*	
		For >15,000 To 30,000, Deduct	*-0.09*	
		For >30,000, Deduct	*-0.12*	
09 01 90 52-0004	SF	Calcimine Removal/Washing, Concrete And Masonry Surfaces, Surface Preparation	0.59	
		For Up To 100, Add	*1.03*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.13*	
		For >5,000 To 10,000, Deduct	*-0.03*	
		For >10,000 To 15,000, Deduct	*-0.06*	
		For >15,000 To 30,000, Deduct	*-0.09*	
		For >30,000, Deduct	*-0.11*	
09 01 90 52-0005	SF	Chemical Clean, Brush And Wash, Concrete And Masonry Surfaces, Surface Preparation	0.92	
		For Up To 100, Add	*1.59*	
		For >100 To 250, Add	*0.42*	
		For >250 To 500, Add	*0.20*	
		For >5,000 To 10,000, Deduct	*-0.04*	
		For >10,000 To 15,000, Deduct	*-0.09*	
		For >15,000 To 30,000, Deduct	*-0.13*	
		For >30,000, Deduct	*-0.18*	
09 01 90 52-0006	SF	Hand Scrape, Concrete And Masonry Surfaces, Surface Preparation	0.81	
		For Up To 100, Add	*1.62*	
		For >100 To 250, Add	*0.41*	
		For >250 To 500, Add	*0.20*	
		For >5,000 To 10,000, Deduct	*-0.04*	
		For >10,000 To 15,000, Deduct	*-0.08*	
		For >15,000 To 30,000, Deduct	*-0.12*	
		For >30,000, Deduct	*-0.16*	
09 01 90 52-0007	SF	Steam Clean, Concrete And Masonry Surfaces, Surface Preparation	0.96	
		For Up To 100, Add	*1.70*	
		For >100 To 250, Add	*0.44*	
		For >250 To 500, Add	*0.22*	
		For >5,000 To 10,000, Deduct	*-0.05*	
		For >10,000 To 15,000, Deduct	*-0.09*	
		For >15,000 To 30,000, Deduct	*-0.14*	
		For >30,000, Deduct	*-0.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 01 90 52-0008	SF	2,000 To 5,000 PSI Pressure Wash, Concrete And Masonry Surfaces, Surface Preparation	0.62	
		For Up To 100, Add	*1.03*	
		For >100 To 250, Add	*0.28*	
		For >250 To 500, Add	*0.13*	
		For >5,000 To 10,000, Deduct	*-0.03*	
		For >10,000 To 15,000, Deduct	*-0.06*	
		For >15,000 To 30,000, Deduct	*-0.09*	
		For >30,000, Deduct	*-0.12*	
09 01 90 52-0009	SF	10,000 To 12,000 PSI Water Blast, Concrete And Masonry Surfaces, Surface Preparation	1.75	
		For Up To 100, Add	*3.20*	
		For >100 To 250, Add	*0.83*	
		For >250 To 500, Add	*0.41*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 15,000, Deduct	*-0.17*	
		For >15,000 To 30,000, Deduct	*-0.26*	
		For >30,000, Deduct	*-0.34*	
09 01 90 52-0010	SF	30,000 To 40,000 PSI Water Blast, Concrete And Masonry Surfaces, Surface Preparation	2.89	
		For Up To 100, Add	*5.48*	
		For >100 To 250, Add	*1.40*	
		For >250 To 500, Add	*0.69*	
		For >5,000 To 10,000, Deduct	*-0.14*	
		For >10,000 To 15,000, Deduct	*-0.28*	
		For >15,000 To 30,000, Deduct	*-0.43*	
		For >30,000, Deduct	*-0.57*	
09 01 90 52-0011	SF	Abrasive Glass Media Blasting, Concrete And Masonry Surfaces, Surface Preparation Note: 3 lbs of sand or glass abrasive media material per SF	4.30	
		For 4.5 lbs Of Abrasive Media Material per SF, Where Multiple Pass Is Required, Add	*2.50*	
		For 6 lbs Of Abrasive Media Material per SF, Where Multiple Pass Is Required, Add	*5.18*	
		For 9 lbs Of Abrasive Media Material per SF, Where Multiple Pass Is Required, Add	*8.60*	
		For Up To 100, Add	*7.45*	
		For >100 To 250, Add	*1.96*	
		For >250 To 500, Add	*0.96*	
		For >5,000 To 10,000, Deduct	*-0.20*	
		For >10,000 To 15,000, Deduct	*-0.40*	
		For >15,000 To 30,000, Deduct	*-0.62*	
		For >30,000, Deduct	*-0.82*	

09 01 90 52-0012 Drywall Surfaces, Surface Preparation *(09 01 90 52-0001)*

09 01 90 52-0013	SF	Hand Wash Drywall Surfaces With Mild Detergent Or Degreaser (No Sanding, Repairing Or Scraping), Surface Preparation	0.45	
		For Up To 100, Add	*0.90*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.11*	
09 01 90 52-0014	SF	Hand Wash, Minor Repair And Light Sanding Drywall Surfaces, Surface Preparation	0.76	
		For Up To 100, Add	*1.52*	
		For >100 To 250, Add	*0.38*	
		For >250 To 500, Add	*0.19*	
09 01 90 52-0015	SF	Hand Scrape, Repair And Sand Severely Damaged Drywall Surfaces, Surface Preparation	1.40	
		For Up To 100, Add	*2.70*	
		For >100 To 250, Add	*0.68*	
		For >250 To 500, Add	*0.34*	

09 01 90 52-0016 Metal Surfaces, Surface Preparation *(09 01 90 52-0001)*

09 01 90 52-0017	SF	Trisodium Phosphate (TSP), Clean Metal Surfaces, Surface Preparation	0.56	
		For Up To 100, Add	*0.41*	
		For >100 To 250, Add	*0.19*	
		For >250 To 500, Add	*0.08*	
		For >5,000 To 10,000, Deduct	*-0.03*	
		For >10,000 To 15,000, Deduct	*-0.06*	
		For >15,000 To 30,000, Deduct	*-0.08*	
		For >30,000, Deduct	*-0.11*	
09 01 90 52-0018	SF	Chemical Clean, Brush And Wash, Metal Surfaces, Surface Preparation	0.92	
		For Up To 100, Add	*0.56*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.11*	
		For >5,000 To 10,000, Deduct	*-0.04*	
		For >10,000 To 15,000, Deduct	*-0.09*	
		For >15,000 To 30,000, Deduct	*-0.13*	
		For >30,000, Deduct	*-0.18*	
09 01 90 52-0019	SF	Hand Scraping And Sanding, Metal Surfaces, Surface Preparation	0.81	
		For Up To 100, Add	*0.61*	
		For >100 To 250, Add	*0.28*	
		For >250 To 500, Add	*0.12*	
		For >5,000 To 10,000, Deduct	*-0.04*	
		For >10,000 To 15,000, Deduct	*-0.08*	
		For >15,000 To 30,000, Deduct	*-0.12*	
		For >30,000, Deduct	*-0.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 01 90 52-0020	SF	2,000 To 5,000 PSI Pressure Wash, Metal Surfaces, Surface Preparation	0.59	
		For Up To 100, Add	*0.36*	
		For >100 To 250, Add	*0.17*	
		For >250 To 500, Add	*0.07*	
		For >5,000 To 10,000, Deduct	*-0.03*	
		For >10,000 To 15,000, Deduct	*-0.05*	
		For >15,000 To 30,000, Deduct	*-0.09*	
		For >30,000, Deduct	*-0.11*	
09 01 90 52-0021	SF	Power Tool Cleaning, Metal Surfaces, Surface Preparation	1.54	
		For Up To 100, Add	*1.16*	
		For >100 To 250, Add	*0.54*	
		For >250 To 500, Add	*0.23*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 15,000, Deduct	*-0.15*	
		For >15,000 To 30,000, Deduct	*-0.23*	
		For >30,000, Deduct	*-0.31*	
09 01 90 52-0022	SF	Steam Cleaning, Metal Surfaces, Surface Preparation	0.59	
		For Up To 100, Add	*0.33*	
		For >100 To 250, Add	*0.15*	
		For >250 To 500, Add	*0.07*	
		For >5,000 To 10,000, Deduct	*-0.03*	
		For >10,000 To 15,000, Deduct	*-0.05*	
		For >15,000 To 30,000, Deduct	*-0.08*	
		For >30,000, Deduct	*-0.11*	
09 01 90 52-0023	SF	Loose Mill Scale With Fine Powder, Commercial Blast, Metal Surfaces, Surface Preparation	1.27	
		For Up To 100, Add	*0.80*	
		For >100 To 250, Add	*0.37*	
		For >250 To 500, Add	*0.16*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 15,000, Deduct	*-0.12*	
		For >15,000 To 30,000, Deduct	*-0.18*	
		For >30,000, Deduct	*-0.24*	
09 01 90 52-0024	SF	Tight Mill Scale With Fine Powder Rust, Commercial Blast, Metal Surfaces, Surface Preparation	1.71	
		For Up To 100, Add	*1.05*	
		For >100 To 250, Add	*0.49*	
		For >250 To 500, Add	*0.21*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 15,000, Deduct	*-0.16*	
		For >15,000 To 30,000, Deduct	*-0.25*	
		For >30,000, Deduct	*-0.33*	
09 01 90 52-0025	SF	Exterior Coating Blistered Pitted, Rust, Commercial Blast, Metal Surfaces, Surface Preparation	2.52	
		For Up To 100, Add	*1.58*	
		For >100 To 250, Add	*0.74*	
		For >250 To 500, Add	*0.32*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 15,000, Deduct	*-0.24*	
		For >15,000 To 30,000, Deduct	*-0.37*	
		For >30,000, Deduct	*-0.48*	
09 01 90 52-0026	SF	Badly Pitted With Rust Nodules, Commercial Blast, Metal Surfaces, Surface Preparation	4.22	
		For Up To 100, Add	*2.64*	
		For >100 To 250, Add	*1.23*	
		For >250 To 500, Add	*0.53*	
		For >5,000 To 10,000, Deduct	*-0.20*	
		For >10,000 To 15,000, Deduct	*-0.39*	
		For >15,000 To 30,000, Deduct	*-0.61*	
		For >30,000, Deduct	*-0.81*	
09 01 90 52-0027	SF	Loose Mill Scale With Fine Powder Rust, Near White Blast, Metal Surfaces, Surface Preparation	3.21	
		For Up To 100, Add	*1.98*	
		For >100 To 250, Add	*0.92*	
		For >250 To 500, Add	*0.40*	
		For >5,000 To 10,000, Deduct	*-0.15*	
		For >10,000 To 15,000, Deduct	*-0.30*	
		For >15,000 To 30,000, Deduct	*-0.46*	
		For >30,000, Deduct	*-0.61*	
09 01 90 52-0028	SF	Tight Mill Scale Little Rust, Near White Blast, Metal Surfaces, Surface Preparation	3.97	
		For Up To 100, Add	*2.44*	
		For >100 To 250, Add	*1.14*	
		For >250 To 500, Add	*0.49*	
		For >5,000 To 10,000, Deduct	*-0.18*	
		For >10,000 To 15,000, Deduct	*-0.37*	
		For >15,000 To 30,000, Deduct	*-0.57*	
		For >30,000, Deduct	*-0.76*	
09 01 90 52-0029	SF	Exterior Coat Blistered Pitted Rust, Near White Blast, Metal Surfaces, Surface Preparation	5.15	
		For Up To 100, Add	*3.17*	
		For >100 To 250, Add	*1.48*	
		For >250 To 500, Add	*0.63*	
		For >5,000 To 10,000, Deduct	*-0.24*	
		For >10,000 To 15,000, Deduct	*-0.48*	
		For >15,000 To 30,000, Deduct	*-0.74*	
		For >30,000, Deduct	*-0.98*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 01 90 52-0030	SF	Badly Pitted Rust Nodules, Near White Blast, Metal Surfaces, Surface Preparation	6.44	
		For Up To 100, Add	*3.96*	
		For >100 To 250, Add	*1.85*	
		For >250 To 500, Add	*0.79*	
		For >5,000 To 10,000, Deduct	*-0.30*	
		For >10,000 To 15,000, Deduct	*-0.60*	
		For >15,000 To 30,000, Deduct	*-0.93*	
		For >30,000, Deduct	*-1.23*	
09 01 90 52-0031		**Tile Surfaces, Surface Preparation** *(09 01 90 52-0001)*		
09 01 90 52-0032	SF	Trisodium Phosphate (TSP), Clean Tile Surfaces, Surface Preparation	0.51	
		For Up To 100, Add	*0.37*	
		For >100 To 250, Add	*0.17*	
		For >250 To 500, Add	*0.07*	
		For >5,000 To 10,000, Deduct	*-0.03*	
		For >10,000 To 15,000, Deduct	*-0.05*	
		For >15,000 To 30,000, Deduct	*-0.08*	
		For >30,000, Deduct	*-0.10*	
09 01 90 52-0033	CSF	Chemical Alkaline Cleaner, Brush And Wash Tile Surfaces, Surface Preparation	50.31	
		For Up To 100, Add	*37.46*	
		For >100 To 250, Add	*17.48*	
		For >250 To 500, Add	*7.49*	
		For >5,000 To 10,000, Deduct	*-2.51*	
		For >10,000 To 15,000, Deduct	*-5.02*	
		For >15,000 To 30,000, Deduct	*-7.54*	
		For >30,000, Deduct	*-10.04*	
09 01 90 52-0034	SF	2,000 To 5,000 PSI, Pressure Wash Tile Surfaces, Surface Preparation	0.43	
		For Up To 100, Add	*0.27*	
		For >100 To 250, Add	*0.13*	
		For >250 To 500, Add	*0.05*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 15,000, Deduct	*-0.04*	
		For >15,000 To 30,000, Deduct	*-0.06*	
		For >30,000, Deduct	*-0.08*	
09 01 90 52-0035		**Wood Surfaces, Surface Preparation** *(09 01 90 52-0001)*		
09 01 90 52-0036	SF	Trisodium Phosphate (TSP), Clean Wood Surfaces, Surface Preparation	0.53	
		For Up To 100, Add	*0.38*	
		For >100 To 250, Add	*0.18*	
		For >250 To 500, Add	*0.08*	
		For >5,000 To 10,000, Deduct	*-0.03*	
		For >10,000 To 15,000, Deduct	*-0.05*	
		For >15,000 To 30,000, Deduct	*-0.08*	
		For >30,000, Deduct	*-0.11*	
09 01 90 52-0037	SF	Prepare New Wood Floor For Finish, Multi Grit Sanding/Screening	1.58	
		For Up To 100, Add	*1.12*	
		For >100 To 250, Add	*0.52*	
		For >250 To 500, Add	*0.22*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 15,000, Deduct	*-0.15*	
		For >15,000 To 30,000, Deduct	*-0.23*	
		For >30,000, Deduct	*-0.31*	
09 01 90 52-0038	SF	Chemical Clean, Brush And Wash Wood Surfaces, Surface Preparation	0.76	
		For Up To 100, Add	*0.44*	
		For >100 To 250, Add	*0.21*	
		For >250 To 500, Add	*0.09*	
		For >5,000 To 10,000, Deduct	*-0.03*	
		For >10,000 To 15,000, Deduct	*-0.07*	
		For >15,000 To 30,000, Deduct	*-0.11*	
		For >30,000, Deduct	*-0.14*	
09 01 90 52-0039	SF	Hand Scrape Wood Surfaces, Surface Preparation	1.01	
		For Up To 100, Add	*0.76*	
		For >100 To 250, Add	*0.35*	
		For >250 To 500, Add	*0.15*	
		For >5,000 To 10,000, Deduct	*-0.05*	
		For >10,000 To 15,000, Deduct	*-0.10*	
		For >15,000 To 30,000, Deduct	*-0.15*	
		For >30,000, Deduct	*-0.20*	
09 01 90 52-0040	SF	Steam Clean Wood Surfaces, Surface Preparation	0.94	
		For Up To 100, Add	*0.59*	
		For >100 To 250, Add	*0.28*	
		For >250 To 500, Add	*0.12*	
		For >5,000 To 10,000, Deduct	*-0.04*	
		For >10,000 To 15,000, Deduct	*-0.09*	
		For >15,000 To 30,000, Deduct	*-0.14*	
		For >30,000, Deduct	*-0.18*	
09 01 90 52-0041	SF	2,000 To 5,000 PSI, Pressure Wash Wood Surfaces, Surface Preparation	0.65	
		For Up To 100, Add	*0.41*	
		For >100 To 250, Add	*0.19*	
		For >250 To 500, Add	*0.08*	
		For >5,000 To 10,000, Deduct	*-0.03*	
		For >10,000 To 15,000, Deduct	*-0.06*	
		For >15,000 To 30,000, Deduct	*-0.09*	
		For >30,000, Deduct	*-0.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 01 90 52-0042	SF	Sanding Wood Paneling, Boards, Doors Or Other Wood Surfaces, Surface Preparation	1.04	
		For Up To 100, Add	*0.72*	
		For >100 To 250, Add	*0.34*	
		For >250 To 500, Add	*0.14*	
		For >5,000 To 10,000, Deduct	*-0.05*	
		For >10,000 To 15,000, Deduct	*-0.10*	
		For >15,000 To 30,000, Deduct	*-0.15*	
		For >30,000, Deduct	*-0.20*	
09 01 90 52-0043	SF	Sanding Wood Trim Surfaces, Surface Preparation	1.41	
		For Up To 100, Add	*1.00*	
		For >100 To 250, Add	*0.47*	
		For >250 To 500, Add	*0.20*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 15,000, Deduct	*-0.14*	
		For >15,000 To 30,000, Deduct	*-0.21*	
		For >30,000, Deduct	*-0.28*	
09 01 90 52-0044	SF	Prime Wood Surfaces With Linseed Oil, 1 Coat, Surface Preparation	0.93	
		For Up To 100, Add	*0.59*	
		For >100 To 250, Add	*0.28*	
		For >250 To 500, Add	*0.12*	
		For >5,000 To 10,000, Deduct	*-0.04*	
		For >10,000 To 15,000, Deduct	*-0.09*	
		For >15,000 To 30,000, Deduct	*-0.14*	
		For >30,000, Deduct	*-0.18*	
09 01 90 52-0045	SF	Paint Wood Surfaces With Linseed Oil, 1 Coat, Surface Preparation	1.07	
		For Up To 100, Add	*0.70*	
		For >100 To 250, Add	*0.33*	
		For >250 To 500, Add	*0.14*	
		For >5,000 To 10,000, Deduct	*-0.05*	
		For >10,000 To 15,000, Deduct	*-0.10*	
		For >15,000 To 30,000, Deduct	*-0.16*	
		For >30,000, Deduct	*-0.21*	

09 01 90 52-0046 Vinyl Siding Surfaces, Surface Preparation *(09 01 90 52-0001)*

09 01 90 52-0047	SF	Trisodium Phosphate (TSP), Clean, Vinyl Siding Surfaces, Surface Preparation	0.51	
		For Up To 100, Add	*0.37*	
		For >100 To 250, Add	*0.17*	
		For >250 To 500, Add	*0.07*	
		For >5,000 To 10,000, Deduct	*-0.03*	
		For >10,000 To 15,000, Deduct	*-0.05*	
		For >15,000 To 30,000, Deduct	*-0.08*	
		For >30,000, Deduct	*-0.10*	
09 01 90 52-0048	SF	Hand Wash,Vinyl Siding Surfaces, Surface Preparation	0.80	
		For Up To 100, Add	*0.57*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.11*	
		For >5,000 To 10,000, Deduct	*-0.04*	
		For >10,000 To 15,000, Deduct	*-0.08*	
		For >15,000 To 30,000, Deduct	*-0.12*	
		For >30,000, Deduct	*-0.16*	
09 01 90 52-0049	SF	2,000 To 5,000 PSI Pressure Wash, Vinyl Siding Surfaces, Surface Preparation	0.54	
		For Up To 100, Add	*0.32*	
		For >100 To 250, Add	*0.15*	
		For >250 To 500, Add	*0.06*	
		For >5,000 To 10,000, Deduct	*-0.02*	
		For >10,000 To 15,000, Deduct	*-0.05*	
		For >15,000 To 30,000, Deduct	*-0.08*	
		For >30,000, Deduct	*-0.10*	
09 01 90 52-0050	SF	Steam Clean, Vinyl Siding Surfaces, Surface Preparation	0.99	
		For Up To 100, Add	*0.59*	
		For >100 To 250, Add	*0.28*	
		For >250 To 500, Add	*0.12*	
		For >5,000 To 10,000, Deduct	*-0.05*	
		For >10,000 To 15,000, Deduct	*-0.09*	
		For >15,000 To 30,000, Deduct	*-0.14*	
		For >30,000, Deduct	*-0.19*	

09 01 90 52-0051 Plaster/Stucco Surfaces, Surface Preparation *(09 01 90 52-0001)*

Note: Based on total project quantity.

09 01 90 52-0052	SF	Trisodium Phosphate (TSP), Clean Plaster/Stucco Surfaces, Surface Preparation	0.58	
		For Up To 100, Add	*0.42*	
		For >100 To 250, Add	*0.20*	
		For >250 To 500, Add	*0.08*	
		For >5,000 To 10,000, Deduct	*-0.03*	
		For >10,000 To 15,000, Deduct	*-0.06*	
		For >15,000 To 30,000, Deduct	*-0.09*	
		For >30,000, Deduct	*-0.12*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 01 90 52-0053	SF	2,000 To 5,000 PSI Pressure Wash Plaster/Stucco Surfaces, Surface Preparation	0.70	
		For Up To 100, Add	*0.42*	
		For >100 To 250, Add	*0.20*	
		For >250 To 500, Add	*0.08*	
		For >5,000 To 10,000, Deduct	*-0.03*	
		For >10,000 To 15,000, Deduct	*-0.06*	
		For >15,000 To 30,000, Deduct	*-0.10*	
		For >30,000, Deduct	*-0.13*	

09 01 90 52-0054 Prep Work *(09 01 90 52-0001)*

09 01 90 52-0055	SF	Citrus Strip, Single Applications	1.36	
		Note: For removal of up to 40 mils each application (average 5 layers at 8 mils per layer) dried latex and oil-based paint, varnish, lacquer, polyurethane and shellac from wood, metal, and masonry surfaces. Multiple applications may be necessary, refer to manufacturer recommendations		

09 01 90 91 Paint Restoration *(09 01 90)*

09 01 90 91-0001 Paint Removal, Strip To Bare Wood *(09 01 90 91)*

09 01 90 91-0002	SF	Flat Surfaces, Paint Removal, Strip To Bare Wood	9.17	
09 01 90 91-0003	SF	Cornices And Decorative Trim To 12" Wide, Paint Removal, Strip To Bare Wood	9.77	

09 20 Plaster and Gypsum Board *(09)*

09 22 Supports for Plaster and Gypsum Board *(09 20)*

Note: Per SF of wall area measures one side. Do not deduct for opens of less than 25 SF when calculating total wall square footage.

09 22 13 Metal Furring *(09 22)*

09 22 13 13 Metal Channel Furring *(09 22 13)*

09 22 13 13-0001 Hat Furring Channel *(09 22 13 13)*

Note: Includes clips where required.

09 22 13 13-0002 Installed On Walls, Hat Furring Channel *(09 22 13 13-0001)*

09 22 13 13-0003	SF	7/8", 25 Gauge, 16" On Center, Installed On Walls, Hat Furring Channel	4.34	1.87
		For Walls >10' High, Add	*0.56*	
		For 24" On Center, Deduct	*-0.50*	
		For 12" On Center, Add	*0.68*	
		For 22 Gauge, Add	*0.31*	
		For 20 Gauge, Add	*0.96*	
09 22 13 13-0004	SF	1-1/2", 25 Gauge, 16" On Center, Installed On Walls, Hat Furring Channel	4.57	1.87
		For Walls >10' High, Add	*0.56*	
		For 24" On Center, Deduct	*-0.54*	
		For 12" On Center, Add	*0.73*	
		For 22 Gauge, Add	*0.42*	
		For 20 Gauge, Add	*1.11*	

09 22 13 13-0005 Installed On Columns And Beams, Hat Furring Channel *(09 22 13 13-0001)*

09 22 13 13-0006	SF	7/8", 25 Gauge, 16" On Center, Installed On Columns And Beams, Hat Furring Channel	6.35	2.86
		For Columns And Beams >10' High, Add	*1.15*	
		For 24" On Center, Deduct	*-0.70*	
		For 12" On Center, Add	*0.98*	
		For 22 Gauge, Add	*0.31*	
		For 20 Gauge, Add	*1.26*	
09 22 13 13-0007	SF	1-1/2", 25 Gauge, 16" On Center, Installed On Columns And Beams, Hat Furring Channel	6.59	2.86
		For Columns And Beams >10' High, Add	*1.15*	
		For 24" On Center, Deduct	*-0.74*	
		For 12" On Center, Add	*1.03*	
		For 22 Gauge, Add	*0.43*	
		For 20 Gauge, Add	*1.42*	

09 22 13 13-0008 Installed On Ceilings, Hat Furring Channel *(09 22 13 13-0001)*

09 22 13 13-0009	SF	7/8", 25 Gauge, 16" On Center, Installed On Ceilings, Hat Furring Channel	5.59	2.29
		For Ceilings >10' High, Add	*0.69*	
		For 24" On Center, Deduct	*-0.66*	
		For 12" On Center, Add	*0.89*	
		For 22 Gauge, Add	*0.50*	
		For 20 Gauge, Add	*1.35*	
09 22 13 13-0010	SF	1-1/2", 25 Gauge, 16" On Center, Installed On Ceilings, Hat Furring Channel	5.83	2.29
		For Ceilings >10' High, Add	*0.69*	
		For 24" On Center, Deduct	*-0.71*	
		For 12" On Center, Add	*0.94*	
		For 22 Gauge, Add	*0.62*	
		For 20 Gauge, Add	*1.51*	

09 22 13 13-0011 Z Furring Channel *(09 22 13 13)*

09 22 13 13-0012 Installed On Walls, Z Furring Channel *(09 22 13 13-0011)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 22 13 13-0013	SF	1", 25 Gauge, 16" On Center, Installed On Walls, Z Furring Channel	4.05	1.87
		For Walls >10' High, Add	*0.56*	
		For 24" On Center, Deduct	*-0.44*	
		For 12" On Center, Add	*0.62*	
		For 22 Gauge, Add	*0.16*	
		For 20 Gauge, Add	*0.77*	
09 22 13 13-0014	SF	1-1/2", 25 Gauge, 16" On Center, Installed On Walls, Z Furring Channel	4.11	1.87
		For Walls >10' High, Add	*0.56*	
		For 24" On Center, Deduct	*-0.45*	
		For 12" On Center, Add	*0.64*	
		For 22 Gauge, Add	*0.19*	
		For 20 Gauge, Add	*0.81*	
09 22 13 13-0015	SF	2", 25 Gauge, 16" On Center, Installed On Walls, Z Furring Channel	4.16	1.87
		For Walls >10' High, Add	*0.56*	
		For 24" On Center, Deduct	*-0.46*	
		For 12" On Center, Add	*0.65*	
		For 22 Gauge, Add	*0.22*	
		For 20 Gauge, Add	*0.84*	
09 22 13 13-0016	SF	2-1/2", 25 Gauge, 16" On Center, Installed On Walls, Z Furring Channel	4.21	1.87
		For Walls >10' High, Add	*0.56*	
		For 24" On Center, Deduct	*-0.47*	
		For 12" On Center, Add	*0.66*	
		For 22 Gauge, Add	*0.24*	
		For 20 Gauge, Add	*0.88*	
09 22 13 13-0017	SF	3", 25 Gauge, 16" On Center, Installed On Walls, Z Furring Channel	4.25	1.87
		For Walls >10' High, Add	*0.56*	
		For 24" On Center, Deduct	*-0.48*	
		For 12" On Center, Add	*0.66*	
		For 22 Gauge, Add	*0.26*	
		For 20 Gauge, Add	*0.90*	

09 22 13 23 Resilient Channel Furring *(09 22 13)*

09 22 13 23-0001 Single-Leg Resilient Channel, RC1 Furring Channel *(09 22 13 23)*
Note: Includes clips where required.

09 22 13 23-0002 Installed On Walls, Single-Leg Resilient Channel, RC1 Furring Channel *(09 22 13 23-0001)*

09 22 13 23-0003	SF	25 Gauge, 16" On Center, Installed On Walls, Single-Leg Resilient Channel, RC1 Furring Channel	4.40	1.87
		For Walls >10' High, Add	*0.56*	
		For 24" On Center, Deduct	*-0.51*	
		For 12" On Center, Add	*0.69*	
		For 20 Gauge, Add	*1.00*	

09 22 13 23-0004 Installed On Ceilings, Single-Leg Resilient Channel, RC1 Furring Channel *(09 22 13 23-0001)*

09 22 13 23-0005	SF	25 Gauge, 16" On Center, Installed On Ceilings, Single-Leg Resilient Channel, RC1 Furring Channel	5.26	2.29
		For Ceilings >10' High, Add	*0.69*	
		For 24" On Center, Deduct	*-0.59*	
		For 12" On Center, Add	*0.82*	
		For 20 Gauge, Add	*1.13*	

09 22 13 23-0006 Double-Leg Resilient Channel, RC2 Furring Channel *(09 22 13 23)*
Note: Includes clips where required.

09 22 13 23-0007 Installed On Walls, Double-Leg Resilient Channel, RC2 Furring Channel *(09 22 13 23-0006)*

09 22 13 23-0008	SF	25 Gauge, 16" On Center, Installed On Walls, Double-Leg Resilient Channel, RC2 Furring Channel	4.65	1.87
		For Walls >10' High, Add	*0.56*	
		For 24" On Center, Deduct	*-0.56*	
		For 12" On Center, Add	*0.74*	
		For 20 Gauge, Add	*1.17*	

09 22 13 23-0009 Installed On Ceilings, Double-Leg Resilient Channel, RC2 Furring Channel *(09 22 13 23-0006)*

09 22 13 23-0010	SF	25 Gauge, 16" On Center, Installed On Ceilings, Double-Leg Resilient Channel, RC2 Furring Channel	5.51	2.29
		For Ceilings >10' High, Add	*0.69*	
		For 24" On Center, Deduct	*-0.64*	
		For 12" On Center, Add	*0.87*	
		For 20 Gauge, Add	*1.30*	

09 22 16 Non-Structural Metal Framing *(09 22)*

Note: Includes studs, bridging, fasteners, and metal stiffener at half height. Do not deduct for openings of less than 25 SF.

09 22 16 13 Non-Structural Metal Stud Framing *(09 22 16)*

09 22 16 13-0001 Non Load Bearing Wall Framing, 25 Gauge *(09 22 16 13)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 22 16 13-0002	SF	1-5/8" Width, 16" On Center, 25 Gauge, Non-Load Bearing, Non-Structural, Galvanized Steel Stud Framing With Tracks And Runners	2.65	0.78
		For Powder-Actuated Fasteners Every 2', Add	*0.07*	
		For Walls >10' High, Add	*0.53*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*1.82*	
		For Soffit, Columns Or Beams >10' High, Add	*2.40*	
		For Horizontal Installation Up To 10' High, Add	*0.56*	
		For Horizontal Installation >10' High, Add	*0.75*	
		For Curved Wall, Add	*0.58*	
		For 12" On Center, Add	*0.43*	
		For 24" On Center, Deduct	*-0.43*	
		For Up To 100, Add	*0.92*	
		For >100 To 300, Add	*0.46*	
		For >1,000, Deduct	*-0.20*	
09 22 16 13-0003	SF	2-1/2" Width, 16" On Center, 25 Gauge, Non-Load Bearing, Non-Structural, Galvanized Steel Stud Framing With Tracks And Runners	2.81	0.81
		For Powder-Actuated Fasteners Every 2', Add	*0.07*	
		For Walls >10' High, Add	*0.56*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*1.91*	
		For Soffit, Columns Or Beams >10' High, Add	*2.51*	
		For Horizontal Installation Up To 10' High, Add	*0.59*	
		For Horizontal Installation >10' High, Add	*0.79*	
		For Curved Wall, Add	*0.61*	
		For 12" On Center, Add	*0.46*	
		For 24" On Center, Deduct	*-0.46*	
		For Up To 100, Add	*0.97*	
		For >100 To 300, Add	*0.48*	
		For >1,000, Deduct	*-0.22*	
09 22 16 13-0004	SF	3-5/8" Width, 16" On Center, 25 Gauge, Non-Load Bearing, Non-Structural, Galvanized Steel Stud Framing With Tracks And Runners	3.03	0.84
		For Powder-Actuated Fasteners Every 2', Add	*0.07*	
		For Walls >10' High, Add	*0.61*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*2.01*	
		For Soffit, Columns Or Beams >10' High, Add	*2.65*	
		For Horizontal Installation Up To 10' High, Add	*0.62*	
		For Horizontal Installation >10' High, Add	*0.84*	
		For Curved Wall, Add	*0.64*	
		For 12" On Center, Add	*0.50*	
		For 24" On Center, Deduct	*-0.50*	
		For Up To 100, Add	*1.03*	
		For >100 To 300, Add	*0.52*	
		For >1,000, Deduct	*-0.24*	
09 22 16 13-0005	SF	4" Width, 16" On Center, 25 Gauge, Non-Load Bearing, Non-Structural, Galvanized Steel Stud Framing With Tracks And Runners	3.22	0.89
		For Powder-Actuated Fasteners Every 2', Add	*0.07*	
		For Walls >10' High, Add	*0.64*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*2.11*	
		For Soffit, Columns Or Beams >10' High, Add	*2.79*	
		For Horizontal Installation Up To 10' High, Add	*0.66*	
		For Horizontal Installation >10' High, Add	*0.88*	
		For Curved Wall, Add	*0.67*	
		For 12" On Center, Add	*0.53*	
		For 24" On Center, Deduct	*-0.53*	
		For Up To 100, Add	*1.09*	
		For >100 To 300, Add	*0.55*	
		For >1,000, Deduct	*-0.26*	
09 22 16 13-0006	SF	6" Width, 16" On Center, 25 Gauge, Non-Load Bearing, Non-Structural, Galvanized Steel Stud Framing With Tracks And Runners	3.54	0.94
		For Powder-Actuated Fasteners Every 2', Add	*0.07*	
		For Walls >10' High, Add	*0.71*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*2.23*	
		For Soffit, Columns Or Beams >10' High, Add	*2.94*	
		For Horizontal Installation Up To 10' High, Add	*0.71*	
		For Horizontal Installation >10' High, Add	*0.94*	
		For Curved Wall, Add	*0.71*	
		For 12" On Center, Add	*0.59*	
		For 24" On Center, Deduct	*-0.59*	
		For Up To 100, Add	*1.18*	
		For >100 To 300, Add	*0.59*	
		For >1,000, Deduct	*-0.30*	

09 22 16 13-0007 Non Load Bearing Wall Framing, 20 Gauge *(09 22 16 13)*

09 22 16 13-0008	SF	1-5/8" Width, 16" On Center, 20 Gauge, Non-Load Bearing, Non-Structural, Galvanized Steel Stud Framing With Tracks And Runners	2.92	0.79
		For Powder-Actuated Fasteners Every 2', Add	*0.07*	
		For Walls >10' High, Add	*0.58*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*1.88*	
		For Soffit, Columns Or Beams >10' High, Add	*2.48*	
		For Horizontal Installation Up To 10' High, Add	*0.59*	
		For Horizontal Installation >10' High, Add	*0.79*	
		For Curved Wall, Add	*0.60*	
		For 12" On Center, Add	*0.48*	
		For 24" On Center, Deduct	*-0.48*	
		For Up To 100, Add	*0.98*	
		For >100 To 300, Add	*0.49*	
		For >1,000, Deduct	*-0.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 22 16 13-0009	SF	2-1/2" Width, 16" On Center, 20 Gauge, Non-Load Bearing, Non-Structural, Galvanized Steel Stud Framing With Tracks And Runners	3.17	0.83
		For Powder-Actuated Fasteners Every 2', Add	*0.07*	
		For Walls >10' High, Add	*0.63*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*1.99*	
		For Soffit, Columns Or Beams >10' High, Add	*2.62*	
		For Horizontal Installation Up To 10' High, Add	*0.63*	
		For Horizontal Installation >10' High, Add	*0.84*	
		For Curved Wall, Add	*0.63*	
		For 12" On Center, Add	*0.53*	
		For 24" On Center, Deduct	*-0.53*	
		For Up To 100, Add	*1.05*	
		For >100 To 300, Add	*0.53*	
		For >1,000, Deduct	*-0.27*	
09 22 16 13-0010	SF	3-5/8" Width, 16" On Center, 20 Gauge, Non-Load Bearing, Non-Structural, Galvanized Steel Stud Framing With Tracks And Runners	3.46	0.87
		For Powder-Actuated Fasteners Every 2', Add	*0.07*	
		For Walls >10' High, Add	*0.69*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*2.10*	
		For Soffit, Columns Or Beams >10' High, Add	*2.76*	
		For Horizontal Installation Up To 10' High, Add	*0.67*	
		For Horizontal Installation >10' High, Add	*0.89*	
		For Curved Wall, Add	*0.66*	
		For 12" On Center, Add	*0.58*	
		For 24" On Center, Deduct	*-0.58*	
		For Up To 100, Add	*1.13*	
		For >100 To 300, Add	*0.57*	
		For >1,000, Deduct	*-0.30*	
09 22 16 13-0011	SF	4" Width, 16" On Center, 20 Gauge, Non-Load Bearing, Non-Structural Structural, Galvanized Steel Framing With Tracks And Runners	3.66	0.91
		For Powder-Actuated Fasteners Every 2', Add	*0.07*	
		For Walls >10' High, Add	*0.73*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*2.20*	
		For Soffit, Columns Or Beams >10' High, Add	*2.89*	
		For Horizontal Installation Up To 10' High, Add	*0.71*	
		For Horizontal Installation >10' High, Add	*0.94*	
		For Curved Wall, Add	*0.69*	
		For 12" On Center, Add	*0.62*	
		For 24" On Center, Deduct	*-0.62*	
		For Up To 100, Add	*1.19*	
		For >100 To 300, Add	*0.60*	
		For >1,000, Deduct	*-0.32*	
09 22 16 13-0012	SF	6" Width, 16" On Center, 20 Gauge, Non-Load Bearing, Non-Structural, Galvanized Steel Stud Framing With Tracks And Runners	4.83	0.96
		For Powder-Actuated Fasteners Every 2', Add	*0.07*	
		For Walls >10' High, Add	*0.97*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*2.41*	
		For Soffit, Columns Or Beams >10' High, Add	*3.13*	
		For Horizontal Installation Up To 10' High, Add	*0.84*	
		For Horizontal Installation >10' High, Add	*1.09*	
		For Curved Wall, Add	*0.72*	
		For 12" On Center, Add	*0.85*	
		For 24" On Center, Deduct	*-0.85*	
		For Up To 100, Add	*1.45*	
		For >100 To 300, Add	*0.72*	
		For >1,000, Deduct	*-0.48*	

09 22 16 13-0013 Non Load Bearing Wall Framing, 18 Gauge *(09 22 16 13)*

09 22 16 13-0014	SF	2-1/2" Width, 16" On Center, 18 Gauge, Non-Load Bearing, Non-Structural, Galvanized Steel Stud Framing With Tracks And Runners	4.11	0.84
		For Powder-Actuated Fasteners Every 2', Add	*0.07*	
		For Walls >10' High, Add	*0.82*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*2.12*	
		For Soffit, Columns Or Beams >10' High, Add	*2.75*	
		For Horizontal Installation Up To 10' High, Add	*0.73*	
		For Horizontal Installation >10' High, Add	*0.94*	
		For Curved Wall, Add	*0.64*	
		For 12" On Center, Add	*0.72*	
		For 24" On Center, Deduct	*-0.72*	
		For Up To 100, Add	*1.25*	
		For >100 To 300, Add	*0.62*	
		For >1,000, Deduct	*-0.40*	
09 22 16 13-0015	SF	3-5/8" Width, 16" On Center, 18 Gauge, Non-Load Bearing, Non-Structural, Galvanized Steel Stud Framing With Tracks And Runners	4.51	0.89
		For Powder-Actuated Fasteners Every 2', Add	*0.07*	
		For Walls >10' High, Add	*0.90*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*2.25*	
		For Soffit, Columns Or Beams >10' High, Add	*2.93*	
		For Horizontal Installation Up To 10' High, Add	*0.79*	
		For Horizontal Installation >10' High, Add	*1.01*	
		For Curved Wall, Add	*0.68*	
		For 12" On Center, Add	*0.79*	
		For 24" On Center, Deduct	*-0.79*	
		For Up To 100, Add	*1.35*	
		For >100 To 300, Add	*0.68*	
		For >1,000, Deduct	*-0.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 22 16 13-0016	SF	4" Width, 16" On Center, 18 Gauge, Non-Load Bearing, Non-Structural, Galvanized Steel Stud Framing With Tracks And Runners	4.82	0.94
		For Powder-Actuated Fasteners Every 2', Add	*0.07*	
		For Walls >10' High, Add	*0.96*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*2.36*	
		For Soffit, Columns Or Beams >10' High, Add	*3.07*	
		For Horizontal Installation Up To 10' High, Add	*0.83*	
		For Horizontal Installation >10' High, Add	*1.07*	
		For Curved Wall, Add	*0.71*	
		For 12" On Center, Add	*0.85*	
		For 24" On Center, Deduct	*-0.85*	
		For Up To 100, Add	*1.43*	
		For >100 To 300, Add	*0.72*	
		For >1,000, Deduct	*-0.49*	
09 22 16 13-0017	SF	6" Width, 16" On Center, 18 Gauge, Non-Load Bearing, Non-Structural, Galvanized Steel Stud Framing With Tracks And Runners	6.09	0.98
		For Powder-Actuated Fasteners Every 2', Add	*0.07*	
		For Walls >10' High, Add	*1.22*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*2.59*	
		For Soffit, Columns Or Beams >10' High, Add	*3.34*	
		For Horizontal Installation Up To 10' High, Add	*0.98*	
		For Horizontal Installation >10' High, Add	*1.23*	
		For Curved Wall, Add	*0.74*	
		For 12" On Center, Add	*1.09*	
		For 24" On Center, Deduct	*-1.09*	
		For Up To 100, Add	*1.71*	
		For >100 To 300, Add	*0.86*	
		For >1,000, Deduct	*-0.67*	
09 22 16 13-0018	SF	8" Width, 16" On Center, 18 Gauge, Non-Load Bearing, Non-Structural, Galvanized Steel Stud Framing With Tracks And Runners	6.58	1.05
		For Powder-Actuated Fasteners Every 2', Add	*0.07*	
		For Walls >10' High, Add	*1.32*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*2.73*	
		For Soffit, Columns Or Beams >10' High, Add	*3.51*	
		For Horizontal Installation Up To 10' High, Add	*1.05*	
		For Horizontal Installation >10' High, Add	*1.31*	
		For Curved Wall, Add	*0.78*	
		For 12" On Center, Add	*1.19*	
		For 24" On Center, Deduct	*-1.19*	
		For Up To 100, Add	*1.83*	
		For >100 To 300, Add	*0.92*	
		For >1,000, Deduct	*-0.73*	
09 22 16 13-0019		**Non Load Bearing Wall Framing, 16 Gauge** *(09 22 16 13)*		
09 22 16 13-0020	SF	2-1/2" Width, 16" On Center, 16 Gauge, Non-Load Bearing, Non-Structural, Galvanized Steel Stud Framing With Tracks And Runners	4.34	0.87
		For Powder-Actuated Fasteners Every 2', Add	*0.07*	
		For Walls >10' High, Add	*0.87*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*2.19*	
		For Soffit, Columns Or Beams >10' High, Add	*2.84*	
		For Horizontal Installation Up To 10' High, Add	*0.76*	
		For Horizontal Installation >10' High, Add	*0.98*	
		For Curved Wall, Add	*0.66*	
		For 12" On Center, Add	*0.76*	
		For 24" On Center, Deduct	*-0.76*	
		For Up To 100, Add	*1.31*	
		For >100 To 300, Add	*0.65*	
		For >1,000, Deduct	*-0.43*	
09 22 16 13-0021	SF	3-5/8" Width, 16" On Center, 16 Gauge, Non-Load Bearing, Non-Structural, Galvanized Steel Stud Framing With Tracks And Runners	5.01	0.91
		For Powder-Actuated Fasteners Every 2', Add	*0.07*	
		For Walls >10' High, Add	*1.00*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*2.33*	
		For Soffit, Columns Or Beams >10' High, Add	*3.02*	
		For Horizontal Installation Up To 10' High, Add	*0.84*	
		For Horizontal Installation >10' High, Add	*1.07*	
		For Curved Wall, Add	*0.69*	
		For 12" On Center, Add	*0.89*	
		For 24" On Center, Deduct	*-0.89*	
		For Up To 100, Add	*1.46*	
		For >100 To 300, Add	*0.73*	
		For >1,000, Deduct	*-0.52*	
09 22 16 13-0022	SF	4" Width, 16" On Center, 16 Gauge, Non-Load Bearing, Non-Structural, Galvanized Steel Stud Framing With Tracks And Runners	5.29	0.96
		For Powder-Actuated Fasteners Every 2', Add	*0.07*	
		For Walls >10' High, Add	*1.06*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*2.46*	
		For Soffit, Columns Or Beams >10' High, Add	*3.18*	
		For Horizontal Installation Up To 10' High, Add	*0.89*	
		For Horizontal Installation >10' High, Add	*1.13*	
		For Curved Wall, Add	*0.72*	
		For 12" On Center, Add	*0.94*	
		For 24" On Center, Deduct	*-0.94*	
		For Up To 100, Add	*1.54*	
		For >100 To 300, Add	*0.77*	
		For >1,000, Deduct	*-0.55*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 22 16 13-0023	SF	6" Width, 16" On Center, 16 Gauge, Non-Load Bearing, Non-Structural, Galvanized Steel Stud Framing With Tracks And Runners	6.51	1.01
		For Powder-Actuated Fasteners Every 2', Add	*0.07*	
		For Walls >10' High, Add	*1.30*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*2.68*	
		For Soffit, Columns Or Beams >10' High, Add	*3.43*	
		For Horizontal Installation Up To 10' High, Add	*1.03*	
		For Horizontal Installation >10' High, Add	*1.28*	
		For Curved Wall, Add	*0.76*	
		For 12" On Center, Add	*1.18*	
		For 24" On Center, Deduct	*-1.18*	
		For Up To 100, Add	*1.81*	
		For >100 To 300, Add	*0.90*	
		For >1,000, Deduct	*-0.72*	
09 22 16 13-0024	SF	8" Width, 16" On Center, 16 Gauge, Non-Load Bearing, Non-Structural, Galvanized Steel Stud Framing With Tracks And Runners	7.13	1.07
		For Powder-Actuated Fasteners Every 2', Add	*0.07*	
		For Walls >10' High, Add	*1.43*	
		For Soffit, Columns Or Beams Up To 10' High, Add	*2.84*	
		For Soffit, Columns Or Beams >10' High, Add	*3.64*	
		For Horizontal Installation Up To 10' High, Add	*1.11*	
		For Horizontal Installation >10' High, Add	*1.38*	
		For Curved Wall, Add	*0.80*	
		For 12" On Center, Add	*1.29*	
		For 24" On Center, Deduct	*-1.29*	
		For Up To 100, Add	*1.96*	
		For >100 To 300, Add	*0.98*	
		For >1,000, Deduct	*-0.80*	

09 22 36 Lath *(09 22)*

09 22 36 13 Gypsum Lath *(09 22 36)*

09 22 36 13-0001 Plaster Base Gypsum Panels *(09 22 36 13)*

09 22 36 13-0002	SF	3/8" Thick, Installed On Studs Or Furred Walls, Plaster Base Gypsum Panel	1.57	0.51
		For Walls >10' High, Add	*0.13*	
		For Up To 100, Add	*0.52*	
		For >100 To 500, Add	*0.26*	
		For >5,000, Deduct	*-0.10*	
09 22 36 13-0003	SF	1/2" Thick, Installed On Studs Or Furred Walls, Plaster Base Gypsum Panel	2.19	0.59
		For Walls >10' High, Add	*0.15*	
		For Up To 100, Add	*0.60*	
		For >100 To 500, Add	*0.30*	
		For >5,000, Deduct	*-0.12*	
09 22 36 13-0004	SF	5/8" Thick, Installed On Studs Or Furred Walls, Plaster Base Gypsum Panel	2.81	0.68
		For Walls >10' High, Add	*0.17*	
		For Up To 100, Add	*0.69*	
		For >100 To 500, Add	*0.34*	
		For >5,000, Deduct	*-0.14*	
09 22 36 13-0005	SF	3/8" Thick, Installed On Ceiling, Plaster Base Gypsum Panel	1.98	0.72
		For Ceilings >10' High, Add	*0.22*	
		For Up To 100, Add	*0.73*	
		For >100 To 500, Add	*0.36*	
		For >5,000, Deduct	*-0.15*	
09 22 36 13-0006	SF	1/2" Thick, Installed On Ceiling, Plaster Base Gypsum Panel	2.66	0.83
		For Ceilings >10' High, Add	*0.25*	
		For Up To 100, Add	*0.84*	
		For >100 To 500, Add	*0.42*	
		For >5,000, Deduct	*-0.17*	
09 22 36 13-0007	SF	5/8" Thick, Installed On Ceiling, Plaster Base Gypsum Panel	3.35	0.96
		For Ceilings >10' High, Add	*0.29*	
		For Up To 100, Add	*0.96*	
		For >100 To 500, Add	*0.48*	
		For >5,000, Deduct	*-0.19*	
09 22 36 13-0008	SF	3/8" Thick, Installed On Columns And Beams, Plaster Base Gypsum Panel	2.39	0.92
		For Columns And Beams >10' High, Add	*0.28*	
		For Up To 100, Add	*0.93*	
		For >100 To 500, Add	*0.47*	
		For >5,000, Deduct	*-0.19*	
09 22 36 13-0009	SF	1/2" Thick, Installed On Columns And Beams, Plaster Base Gypsum Panel	3.14	1.08
		For Columns And Beams >10' High, Add	*0.32*	
		For Up To 100, Add	*1.08*	
		For >100 To 500, Add	*0.54*	
		For >5,000, Deduct	*-0.22*	
09 22 36 13-0010	SF	5/8" Thick, Installed On Columns And Beams, Plaster Base Gypsum Panel	3.90	1.24
		For Columns And Beams >10' High, Add	*0.37*	
		For Up To 100, Add	*1.23*	
		For >100 To 500, Add	*0.62*	
		For >5,000, Deduct	*-0.25*	

09 22 36 13-0011 Firestop Plaster Base Gypsum Panels *(09 22 36 13)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 22 36 13-0012	SF	3/8" Thick, Installed On Studs Or Furred Walls, Firestop Plaster Base Gypsum Panel	2.23	0.51
		For Walls >10' High, Add	*0.13*	
		For Up To 100, Add	*0.52*	
		For >100 To 500, Add	*0.26*	
		For >5,000, Deduct	*-0.10*	
09 22 36 13-0013	SF	1/2" Thick, Installed On Studs Or Furred Walls, Firestop Plaster Base Gypsum Panel	2.59	0.59
		For Walls >10' High, Add	*0.15*	
		For Up To 100, Add	*0.60*	
		For >100 To 500, Add	*0.30*	
		For >5,000, Deduct	*-0.12*	
09 22 36 13-0014	SF	3/8" Thick, Installed On Ceilings, Firestop Plaster Base Gypsum Panel	2.64	0.72
		For Ceilings >10' High, Add	*0.22*	
		For Up To 100, Add	*0.73*	
		For >100 To 500, Add	*0.36*	
		For >5,000, Deduct	*-0.15*	
09 22 36 13-0015	SF	1/2" Thick, Installed On Ceilings, Firestop Plaster Base Gypsum Panel	3.06	0.83
		For Ceilings >10' High, Add	*0.25*	
		For Up To 100, Add	*0.84*	
		For >100 To 500, Add	*0.42*	
		For >5,000, Deduct	*-0.17*	
09 22 36 13-0016	SF	3/8" Thick, Installed On Columns And Beams, Firestop Plaster Base Gypsum Panel	3.05	0.92
		For Columns And Beams >10' High, Add	*0.28*	
		For Up To 100, Add	*0.93*	
		For >100 To 500, Add	*0.47*	
		For >5,000, Deduct	*-0.19*	
09 22 36 13-0017	SF	1/2" Thick, Installed On Columns And Beams, Firestop Plaster Base Gypsum Panel	3.54	1.08
		For Columns And Beams >10' High, Add	*0.32*	
		For Up To 100, Add	*1.08*	
		For >100 To 500, Add	*0.54*	
		For >5,000, Deduct	*-0.22*	

09 22 36 13-0018 Foil Back Plaster Base Gypsum Panels *(09 22 36 13)*

09 22 36 13-0019	SF	3/8" Thick, Installed On Studs Or Furred Walls, Foil Back Plaster Base Gypsum Panel	2.23	0.51
		For Walls >10' High, Add	*0.13*	
		For Up To 100, Add	*0.52*	
		For >100 To 500, Add	*0.26*	
		For >5,000, Deduct	*-0.10*	
09 22 36 13-0020	SF	1/2" Thick, Installed On Studs Or Furred Walls, Foil Back Plaster Base Gypsum Panel	2.59	0.59
		For Walls >10' High, Add	*0.15*	
		For Up To 100, Add	*0.60*	
		For >100 To 500, Add	*0.30*	
		For >5,000, Deduct	*-0.12*	
09 22 36 13-0021	SF	3/8" Thick, Installed On Ceiling, Foil Back Plaster Base Gypsum Panel	2.64	0.72
		For Ceilings >10' High, Add	*0.22*	
		For Up To 100, Add	*0.73*	
		For >100 To 500, Add	*0.36*	
		For >5,000, Deduct	*-0.15*	
09 22 36 13-0022	SF	1/2" Thick, Installed On Ceiling, Foil Back Plaster Base Gypsum Panel	3.06	0.83
		For Ceilings >10' High, Add	*0.25*	
		For Up To 100, Add	*0.84*	
		For >100 To 500, Add	*0.42*	
		For >5,000, Deduct	*-0.17*	
09 22 36 13-0023	SF	3/8" Thick, Installed On Columns And Beams, Foil Back Plaster Base Gypsum Panel	3.05	0.92
		For Columns And Beams >10' High, Add	*0.28*	
		For Up To 100, Add	*0.93*	
		For >100 To 500, Add	*0.47*	
		For >5,000, Deduct	*-0.19*	
09 22 36 13-0024	SF	1/2" Thick, Installed On Columns And Beams, Foil Back Plaster Base Gypsum Panel	3.54	1.08
		For Columns And Beams >10' High, Add	*0.32*	
		For Up To 100, Add	*1.08*	
		For >100 To 500, Add	*0.54*	
		For >5,000, Deduct	*-0.22*	

09 22 36 23 Metal Lath *(09 22 36)*

09 22 36 23-0001 Flat Diamond, Expanded Metal Lath *(09 22 36 23)*

09 22 36 23-0002	SF	1.75 LB/SY, Installed On Studs Or Furred Walls, Flat Diamond, Expanded Metal Lath	2.49	0.71
		For Walls >10' High, Add	*0.20*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*0.80*	
		For >100 To 500, Add	*0.40*	
		For >5,000, Deduct	*-0.16*	
09 22 36 23-0003	SF	2 LB/SY, Installed On Studs Or Furred Walls, Flat Diamond, Expanded Metal Lath	2.62	0.71
		For Walls >10' High, Add	*0.20*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*0.80*	
		For >100 To 500, Add	*0.40*	
		For >5,000, Deduct	*-0.16*	
09 22 36 23-0004	SF	2.5 LB/SY, Installed On Studs Or Furred Walls, Flat Diamond, Expanded Metal Lath	2.75	0.71
		For Walls >10' High, Add	*0.20*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*0.80*	
		For >100 To 500, Add	*0.40*	
		For >5,000, Deduct	*-0.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 22 36 23-0005	SF	3.4 LB/SY, Installed On Studs Or Furred Walls, Flat Diamond, Expanded Metal Lath	3.18	0.76
		For Walls >10' High, Add	*0.21*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*0.85*	
		For >100 To 500, Add	*0.43*	
		For >5,000, Deduct	*-0.17*	
09 22 36 23-0006	SF	1.75 LB/SY, Installed On Ceiling, Flat Diamond, Expanded Metal Lath	2.71	0.81
		For Ceilings >10' High, Add	*0.27*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*0.91*	
		For >100 To 500, Add	*0.46*	
		For >5,000, Deduct	*-0.18*	
09 22 36 23-0007	SF	2 LB/SY, Installed On Ceiling, Flat Diamond, Expanded Metal Lath	2.84	0.81
		For Ceilings >10' High, Add	*0.27*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*0.91*	
		For >100 To 500, Add	*0.46*	
		For >5,000, Deduct	*-0.18*	
09 22 36 23-0008	SF	2.5 LB/SY, Installed On Ceiling, Flat Diamond, Expanded Metal Lath	2.97	0.81
		For Ceilings >10' High, Add	*0.27*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*0.91*	
		For >100 To 500, Add	*0.46*	
		For >5,000, Deduct	*-0.18*	
09 22 36 23-0009	SF	3.4 LB/SY, Installed On Ceiling, Flat Diamond, Expanded Metal Lath	3.30	0.81
		For Ceilings >10' High, Add	*0.27*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*0.91*	
		For >100 To 500, Add	*0.46*	
		For >5,000, Deduct	*-0.18*	
09 22 36 23-0010	SF	1.75 LB/SY, Installed On Columns And Beams, Flat Diamond, Expanded Metal Lath	3.53	1.15
		For Columns And Beams >10' High, Add	*0.38*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*1.28*	
		For >100 To 500, Add	*0.64*	
		For >5,000, Deduct	*-0.26*	
09 22 36 23-0011	SF	2 LB/SY, Installed On Columns And Beams, Flat Diamond, Expanded Metal Lath	3.66	1.15
		For Columns And Beams >10' High, Add	*0.38*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*1.28*	
		For >100 To 500, Add	*0.64*	
		For >5,000, Deduct	*-0.26*	
09 22 36 23-0012	SF	2.5 LB/SY, Installed On Columns And Beams, Flat Diamond, Expanded Metal Lath	3.79	1.15
		For Columns And Beams >10' High, Add	*0.38*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*1.28*	
		For >100 To 500, Add	*0.64*	
		For >5,000, Deduct	*-0.26*	
09 22 36 23-0013	SF	3.4 LB/SY, Installed On Columns And Beams, Flat Diamond, Expanded Metal Lath	4.75	1.44
		For Columns And Beams >10' High, Add	*0.48*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*1.60*	
		For >100 To 500, Add	*0.80*	
		For >5,000, Deduct	*-0.32*	

09 22 36 23-0014 Self Furring, Flat Diamond, Expanded Metal Lath *(09 22 36 23)*

09 22 36 23-0015	SF	1.75 LB/SY, Installed On Solid Wall Surface, Self Furring, Flat Diamond, Expanded Metal Lath	2.59	0.76
		For Walls >10' High, Add	*0.21*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*0.85*	
		For >100 To 500, Add	*0.43*	
		For >5,000, Deduct	*-0.17*	
09 22 36 23-0016	SF	2.0 LB/SY, Installed On Solid Wall Surface, Self Furring, Flat Diamond, Expanded Metal Lath	2.72	0.76
		For Walls >10' High, Add	*0.21*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*0.85*	
		For >100 To 500, Add	*0.43*	
		For >5,000, Deduct	*-0.17*	
09 22 36 23-0017	SF	2.5 LB/SY, Installed On Solid Wall Surface, Self Furring, Flat Diamond, Expanded Metal Lath	2.85	0.76
		For Walls >10' High, Add	*0.21*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*0.85*	
		For >100 To 500, Add	*0.43*	
		For >5,000, Deduct	*-0.17*	
09 22 36 23-0018	SF	3.4 LB/SY, Installed On Solid Wall Surface, Self Furring, Flat Diamond, Expanded Metal Lath	3.18	0.76
		For Walls >10' High, Add	*0.21*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*0.85*	
		For >100 To 500, Add	*0.43*	
		For >5,000, Deduct	*-0.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 22 36 23-0019	SF	1.75 LB/SY, Installed On Columns And Beams, Self Furring, Flat Diamond, Expanded Metal Lath	4.17	1.44
		For Columns And Beams >10' High, Add	*0.48*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*1.60*	
		For >100 To 500, Add	*0.80*	
		For >5,000, Deduct	*-0.32*	
09 22 36 23-0020	SF	2.0 LB/SY, Installed On Columns And Beams, Self Furring, Flat Diamond, Expanded Metal Lath	4.30	1.44
		For Columns And Beams >10' High, Add	*0.48*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*1.60*	
		For >100 To 500, Add	*0.80*	
		For >5,000, Deduct	*-0.32*	
09 22 36 23-0021	SF	2.5 LB/SY, Installed On Columns And Beams, Self Furring, Flat Diamond, Expanded Metal Lath	4.43	1.44
		For Columns And Beams >10' High, Add	*0.48*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*1.60*	
		For >100 To 500, Add	*0.80*	
		For >5,000, Deduct	*-0.32*	
09 22 36 23-0022	SF	3.4 LB/SY, Installed On Columns And Beams, Self Furring, Flat Diamond, Expanded Metal Lath	5.20	1.65
		For Columns And Beams >10' High, Add	*0.55*	
		For Paper Backed Lath, Add	*0.06*	
		For Up To 100, Add	*1.82*	
		For >100 To 500, Add	*0.91*	
		For >5,000, Deduct	*-0.36*	
09 22 36 23-0023		**High Rib Metal Lath** *(09 22 36 23)*		
09 22 36 23-0024	SF	2.75 LB/SY, Installed On Ceiling, 1/8" High Rib Metal Lath	3.08	0.81
		For Ceilings >10' High, Add	*0.27*	
		For Up To 100, Add	*0.91*	
		For >100 To 500, Add	*0.46*	
		For >5,000, Deduct	*-0.18*	
09 22 36 23-0025	SF	3.4 LB/SY, Installed On Ceiling, 1/8" High Rib Metal Lath	3.26	0.81
		For Ceilings >10' High, Add	*0.27*	
		For Up To 100, Add	*0.91*	
		For >100 To 500, Add	*0.46*	
		For >5,000, Deduct	*-0.18*	
09 22 36 23-0026	SF	3.4 LB/SY, Installed On Ceiling, 3/8" High Rib Metal Lath	3.38	0.81
		For Ceilings >10' High, Add	*0.27*	
		For Up To 100, Add	*0.91*	
		For >100 To 500, Add	*0.46*	
		For >5,000, Deduct	*-0.18*	
09 22 36 23-0027	SF	4.0 LB/SY, Installed On Ceiling, 3/8" High Rib Metal Lath	3.59	0.81
		For Ceilings >10' High, Add	*0.27*	
		For Up To 100, Add	*0.91*	
		For >100 To 500, Add	*0.46*	
		For >5,000, Deduct	*-0.18*	
09 22 36 33		**Fiberglass Lath** *(09 22 36)*		
09 22 36 33-0001		Non-Metallic, Fiberglass Lath *(09 22 36 33)*		
09 22 36 33-0002	SF	1/8" Thick, Installed On Ceiling, Non-Metallic, Fiberglass Lath	3.37	0.81
		For Ceilings >10' High, Add	*0.27*	
		For Up To 100, Add	*0.91*	
		For >100 To 500, Add	*0.46*	
		For >5,000, Deduct	*-0.18*	
09 22 36 33-0003	SF	1/4" Thick, Installed On Ceiling, Non-Metallic, Fiberglass Lath	3.61	0.81
		For Ceilings >10' High, Add	*0.27*	
		For Up To 100, Add	*0.91*	
		For >100 To 500, Add	*0.46*	
		For >5,000, Deduct	*-0.18*	
09 22 36 33-0004	SF	1/8" Thick, Installed On Solid Wall Surface, Non-Metallic, Fiberglass Lath	3.25	0.76
		For Walls >10' High, Add	*0.21*	
		For Up To 100, Add	*0.85*	
		For >100 To 500, Add	*0.43*	
		For >5,000, Deduct	*-0.17*	
09 22 36 33-0005	SF	1/4" Thick, Installed On Solid Wall Surface, Non-Metallic, Fiberglass Lath	3.49	0.76
		For Walls >10' High, Add	*0.21*	
		For Up To 100, Add	*0.85*	
		For >100 To 500, Add	*0.43*	
		For >5,000, Deduct	*-0.17*	
09 23		**Gypsum Plastering** *(09 20)*		
09 23 13		**Acoustical Gypsum Plastering** *(09 23)*		
		Note: Excludes lath, furring and studs. See CSI section 09 22 00 00-0000 for metal studs and furring, 09 22 36 00-0000 for lath.		
09 23 13 00-0001		Casing And Corner Beads *(09 23 13)*		
09 23 13 00-0002	LF	Galvanized Expanded Flange Casing Bead For Plaster Applications	4.76	1.15
09 23 13 00-0003	LF	Zinc Expanded Flange Casing Bead For Plaster Applications	4.77	1.15
09 23 13 00-0004	LF	Vinyl Expanded Flange Casing Bead For Plaster Applications	4.69	1.15
09 23 13 00-0005	LF	Galvanized Corner Bead For Plaster Applications	4.57	1.15

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 23 13 00-0006	LF	Vinyl Corner Bead For Plaster Applications	4.44	1.15
09 23 13 00-0007	LF	Corner Bead, Vinyl, Arch	4.81	1.15
09 23 13 00-0008		**Trim** *(09 23 13)*		
09 23 13 00-0009	LF	Galvanized "J" Trim For Plaster Applications	4.69	1.15
		For Vinyl Instead Of Galvanized, Add	*0.16*	
		For Zinc Instead Of Galvanized, Add	*1.06*	
09 23 13 00-0010	LF	Galvanized "L" Trim For Plaster Applications	4.69	1.15
		For Vinyl Instead Of Galvanized, Add	*0.16*	
		For Zinc Instead Of Galvanized, Add	*1.06*	
09 23 13 00-0011	LF	Galvanized "U" Trim For Plaster Applications	4.69	1.15
		For Vinyl Instead Of Galvanized, Add	*0.16*	
		For Zinc Instead Of Galvanized, Add	*1.06*	
09 23 13 00-0012		**Plaster Forms And Expansion Joints** *(09 23 13)*		
09 23 13 00-0013	LF	3/4" Galvanized Expansion Joint For Plaster Applications	5.65	1.15
09 23 13 00-0014		**One Skim Coat Gypsum Plaster On Walls** *(09 23 13)*		
09 23 13 00-0015	SF	Skim Coat One Coat Gypsum Plaster On Walls	1.40	
		For Walls >10' High, Add	*0.12*	
		For Horizontal Installation Up To 10' High, Add	*0.18*	
		For Horizontal Installation >10' High, Add	*0.36*	
		For Columns Or Beams Up To 10' High, Add	*0.37*	
		For Columns Or Beams >10' High, Add	*0.55*	
		For Up To 100, Add	*0.60*	
		For >100 To 500, Add	*0.30*	
		For >5,000, Deduct	*-0.24*	
09 23 13 00-0016	SF	For Each Additional Coat Over One, Skim Coat Gypsum Plaster On Walls	1.02	
		For Walls >10' High, Add	*0.09*	
		For Horizontal Installation Up To 10' High, Add	*0.13*	
		For Horizontal Installation >10' High, Add	*0.26*	
		For Columns Or Beams Up To 10' High, Add	*0.27*	
		For Columns Or Beams >10' High, Add	*0.40*	
		For Up To 100, Add	*0.43*	
		For >100 To 500, Add	*0.22*	
		For >5,000, Deduct	*-0.17*	
09 23 13 00-0017		**Two Coats Gypsum Plaster On Walls** *(09 23 13)*		
09 23 13 00-0018	SF	Smooth Finish Two Coats Gypsum Plaster On Walls	6.93	3.97
		For Walls >10' High, Add	*0.65*	
		For Horizontal Installation Up To 10' High, Add	*0.98*	
		For Horizontal Installation >10' High, Add	*1.96*	
		For Columns Or Beams Up To 10' High, Add	*2.03*	
		For Columns Or Beams >10' High, Add	*3.01*	
		For Up To 100, Add	*3.27*	
		For >100 To 500, Add	*1.64*	
		For >5,000, Deduct	*-1.31*	
09 23 13 00-0019	SF	Sand Aggregate Two Coats Gypsum Plaster On Walls	7.11	3.75
		For Walls >10' High, Add	*0.61*	
		For Horizontal Installation Up To 10' High, Add	*0.92*	
		For Horizontal Installation >10' High, Add	*1.84*	
		For Columns Or Beams Up To 10' High, Add	*1.90*	
		For Columns Or Beams >10' High, Add	*2.82*	
		For Up To 100, Add	*3.07*	
		For >100 To 500, Add	*1.54*	
		For >5,000, Deduct	*-1.23*	
09 23 13 00-0020	SF	Perlite Or Vermiculite Two Coats Gypsum Plaster On Walls	7.16	3.75
		For Walls >10' High, Add	*0.61*	
		For Horizontal Installation Up To 10' High, Add	*0.92*	
		For Horizontal Installation >10' High, Add	*1.84*	
		For Columns Or Beams Up To 10' High, Add	*1.90*	
		For Columns Or Beams >10' High, Add	*2.82*	
		For Up To 100, Add	*3.07*	
		For >100 To 500, Add	*1.54*	
		For >5,000, Deduct	*-1.23*	
09 23 13 00-0021		**Three Coats Gypsum Plaster On Walls** *(09 23 13)*		
09 23 13 00-0022	SF	Smooth Finish Three Coats Gypsum Plaster On Walls	8.38	4.82
		For Walls >10' High, Add	*0.78*	
		For Horizontal Installation Up To 10' High, Add	*1.17*	
		For Horizontal Installation >10' High, Add	*2.35*	
		For Columns Or Beams Up To 10' High, Add	*2.42*	
		For Columns Or Beams >10' High, Add	*3.60*	
		For Up To 100, Add	*3.91*	
		For >100 To 500, Add	*1.96*	
		For >5,000, Deduct	*-1.56*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 23 13 00-0023	SF	Sand Aggregate Three Coats Gypsum Plaster On Walls	8.39	4.40
		For Walls >10' High, Add	*0.73*	
		For Horizontal Installation Up To 10' High, Add	*1.09*	
		For Horizontal Installation >10' High, Add	*2.18*	
		For Columns Or Beams Up To 10' High, Add	*2.25*	
		For Columns Or Beams >10' High, Add	*3.34*	
		For Up To 100, Add	*3.63*	
		For >100 To 500, Add	*1.81*	
		For >5,000, Deduct	*-1.45*	
09 23 13 00-0024	SF	Perlite Or Vermiculite Three Coats Gypsum Plaster On Walls	7.89	4.40
		For Walls >10' High, Add	*0.72*	
		For Horizontal Installation Up To 10' High, Add	*1.08*	
		For Horizontal Installation >10' High, Add	*2.16*	
		For Columns Or Beams Up To 10' High, Add	*2.24*	
		For Columns Or Beams >10' High, Add	*3.32*	
		For Up To 100, Add	*3.61*	
		For >100 To 500, Add	*1.80*	
		For >5,000, Deduct	*-1.44*	

09 23 13 00-0025 Plaster Bonding Agent *(09 23 13)*

09 23 13 00-0026	SF	1 Coat, Brush/Roller Applied Plaster Bonding Agent	0.88	
		For Walls >10' High, Add	*0.06*	
		For Columns Or Beams Up To 10' High, Add	*0.19*	
		For Columns Or Beams >10' High, Add	*0.28*	
		For Ceiling Application Up To 10' High, Add	*0.08*	
		For Ceiling Application >10' High, Add	*0.14*	

09 24 Cement Plastering *(09 20)*

09 24 13 Acoustical Cement Plastering *(09 24)*

09 24 13 00-0001 Keene's Cement Plaster, Quick Setting, White Hard Plaster *(09 24 13)*

Note: Used for areas with higher than normal moisture.

09 24 13 00-0002	SF	1 Coat Keene's Cement Plaster On Walls	5.48	2.68
		For Walls >10' High, Add	*0.43*	
		For Horizontal Installation Up To 10' High, Add	*0.64*	
		For Horizontal Installation >10' High, Add	*1.29*	
		For Columns Or Beams Up To 10' High, Add	*1.33*	
		For Columns Or Beams >10' High, Add	*1.97*	
		For Up To 100, Add	*2.15*	
		For >100 To 500, Add	*1.07*	
		For >5,000, Deduct	*-0.86*	
09 24 13 00-0003	SF	2 Coat Keene's Cement Plaster On Walls	8.31	4.19
		For Walls >10' High, Add	*0.68*	
		For Horizontal Installation Up To 10' High, Add	*1.02*	
		For Horizontal Installation >10' High, Add	*2.04*	
		For Columns Or Beams Up To 10' High, Add	*2.11*	
		For Columns Or Beams >10' High, Add	*3.13*	
		For Up To 100, Add	*3.41*	
		For >100 To 500, Add	*1.70*	
		For >5,000, Deduct	*-1.36*	
09 24 13 00-0004	SF	3 Coat Keene's Cement Plaster On Walls	9.39	4.72
		For Walls >10' High, Add	*0.77*	
		For Horizontal Installation Up To 10' High, Add	*1.15*	
		For Horizontal Installation >10' High, Add	*2.31*	
		For Columns Or Beams Up To 10' High, Add	*2.38*	
		For Columns Or Beams >10' High, Add	*3.54*	
		For Up To 100, Add	*3.85*	
		For >100 To 500, Add	*1.92*	
		For >5,000, Deduct	*-1.54*	

09 24 23 Cement Stucco *(09 24)*

Note: Packaged product reinforced with fibers. All plastering excludes lath, furring or studs except as noted. See CSI section 09 22 00 00-0000 for metal studs and furring.

09 24 23 00-0001 Stucco *(09 24 23)*

Note: Excludes wall scaffolding or lifting equipment. See CSI section 09 22 36 00-0000 for lath.

09 24 23 00-0002	SF	Scratch/Brown/Finish, Three Coat Troweled Stucco Note: Excludes lath and felt. Interior or exterior, one side.	10.43	3.33
		For Walls >10' High, Add	*0.91*	
		For Horizontal Installation Up To 10' High, Add	*1.36*	
		For Horizontal Installation >10' High, Add	*2.73*	
		For Columns Or Beams Up To 10' High, Add	*2.82*	
		For Columns Or Beams >10' High, Add	*4.18*	
		For Color Added To Finish Coat, Add	*0.15*	
		For Smooth Float Finish, Add	*1.91*	
		For Up To 100, Add	*4.55*	
		For >100 To 500, Add	*2.27*	
		For >5,000, Deduct	*-1.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 24 23 00-0003	SF	Scratch/Brown, Two Coat Troweled Stucco Note: Excludes lath and felt. Interior or exterior, one side.	4.50	1.61
		For Walls >10' High, Add	*0.33*	
		For Horizontal Installation Up To 10' High, Add	*0.50*	
		For Horizontal Installation >10' High, Add	*1.00*	
		For Columns Or Beams Up To 10' High, Add	*1.03*	
		For Columns Or Beams >10' High, Add	*1.53*	
		For Up To 100, Add	*1.67*	
		For >100 To 500, Add	*0.83*	
		For >5,000, Deduct	*-0.67*	
09 24 23 00-0004	SF	Scratch/Finish, Two Coat Troweled Stucco Note: Excludes lath and felt. Interior or exterior, one side.	6.88	1.61
		For Walls >10' High, Add	*0.59*	
		For Horizontal Installation Up To 10' High, Add	*0.89*	
		For Horizontal Installation >10' High, Add	*1.77*	
		For Columns Or Beams Up To 10' High, Add	*1.83*	
		For Columns Or Beams >10' High, Add	*2.71*	
		For Color Added To Finish Coat, Add	*0.15*	
		For Smooth Float Finish, Add	*1.62*	
		For Up To 100, Add	*2.95*	
		For >100 To 500, Add	*1.48*	
		For >5,000, Deduct	*-1.18*	
09 24 23 00-0005	SF	Finish Coat Troweled Stucco Note: Excludes lath and felt. Interior or exterior, one side.	4.45	1.07
		For Walls >10' High, Add	*0.43*	
		For Horizontal Installation Up To 10' High, Add	*0.64*	
		For Horizontal Installation >10' High, Add	*1.29*	
		For Columns Or Beams Up To 10' High, Add	*1.33*	
		For Columns Or Beams >10' High, Add	*1.97*	
		For Color Added To Finish Coat, Add	*0.15*	
		For Smooth Float Finish, Add	*1.62*	
		For Up To 100, Add	*2.15*	
		For >100 To 500, Add	*1.07*	
		For >5,000, Deduct	*-0.86*	

09 24 33 Cement Parging *(09 24)*

09 24 33 00-0001 Cement Parging *(09 24 33)*

09 24 33 00-0002	SF	1/8" Thick Sand And Cement Parging	4.85	
09 24 33 00-0003	SF	1/4" Thick Sand And Cement Parging	6.19	
09 24 33 00-0004	SF	1/2" Thick Sand And Cement Parging	9.45	

09 28 Backing Boards and Underlayments *(09 20)*

09 28 13 Cementitious Backing Boards *(09 28)*

09 28 13 00-0001 Cementitious Backer Units *(09 28 13)*
Note: Installed with mechanical fasteners to floor, wall and ceiling surfaces. Use thin-set from setting methods section for floor installations as applicable. HardieBacker.

09 28 13 00-0002	SF	1/4" Cementitious Backer Units For Installation On Floors	3.99	0.74
		For Up To 50, Add	*3.23*	
		For >50 To 250, Add	*0.60*	
		For >1,000, Deduct	*-0.30*	
		For Installation On Wall, Add	*0.60*	
		For Installation On Ceiling, Add	*1.49*	
09 28 13 00-0003	SF	1/2" Cementitious Backer Units For Installation On Floors	4.61	0.90
		For Up To 50, Add	*3.83*	
		For >50 To 250, Add	*0.71*	
		For >1,000, Deduct	*-0.36*	
		For Installation On Wall, Add	*0.71*	
		For Installation On Ceiling, Add	*1.79*	
09 28 13 00-0004	SF	5/8" Cementitious Backer Units For Installation On Floors	5.65	1.04
		For Up To 50, Add	*4.54*	
		For >50 To 250, Add	*0.83*	
		For >1,000, Deduct	*-0.42*	
		For Installation On Wall, Add	*0.83*	
		For Installation On Ceiling, Add	*2.09*	

09 28 16 Glass-Mat Faced Gypsum Backing Boards *(09 28)*

09 28 16 00-0001 Glass Mat Faced Backer Units, DensShield *(09 28 16)*
Note: Installed with mechanical fasteners to floor, wall and ceiling surfaces. Use thin-set from setting methods section for floor installations as applicable.

09 28 16 00-0002	SF	1/2" DensShield Tile Backer For Installation On Floors	3.56	0.84
		For Up To 50, Add	*2.50*	
		For >50 To 250, Add	*0.43*	
		For >1,000, Deduct	*-0.21*	
		For Installation On Wall, Add	*0.43*	
		For Installation On Ceiling, Add	*1.07*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 28 16 00-0003	SF	5/8" DensShield Tile Backer For Installation On Floors	3.87	0.96
		For Up To 50, Add	*2.75*	
		For >50 To 250, Add	*0.48*	
		For >1,000, Deduct	*-0.24*	
		For Installation On Wall, Add	*0.48*	
		For Installation On Ceiling, Add	*1.19*	

09 29 Gypsum Board *(09 20)*

Note: Do not deduct for opens of less than 25 SF when calculating total wall square footage.

09 29 10 Gypsum Board *(09 29)*

09 29 10 00-0001 Standard Gypsum Board Application *(09 29 10)*

Note: Includes gypsum board screwed in place on walls, ceilings, beams, columns, soffits, etc.. Excludes finishing. See CSI section 09 01 20 91-0001 for small repairs, 09 29 10 00-0036 for finishing gypsum board, 09 29 10 00-0049 for casing and corner bead.

09 29 10 00-0002 Standard Gypsum Board Application *(09 29 10 00-0001)*

09 29 10 00-0003	SF	1/4" Gypsum Board	1.33	0.47
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.22*	
		For Adhesive Applied Sheets, Add	*0.11*	
		Note: Includes bracing until adhesive is bonded		
		For Horizontal Installation Up To 10' High, Add	*0.33*	
		For Horizontal Installation >10' High, Add	*0.48*	
		For Walls >10' High, Add	*0.08*	
		For Up To 128, Add	*0.46*	
		For >128 To 320, Add	*0.28*	
		For >1,536, Deduct	*-0.10*	
09 29 10 00-0004	SF	3/8" Gypsum Board	1.44	0.53
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.25*	
		For Adhesive Applied Sheets, Add	*0.11*	
		Note: Includes bracing until adhesive is bonded		
		For Foil Back Board, Add	*0.10*	
		For Horizontal Installation Up To 10' High, Add	*0.36*	
		For Horizontal Installation >10' High, Add	*0.54*	
		For Walls >10' High, Add	*0.09*	
		For Up To 128, Add	*0.50*	
		For >128 To 320, Add	*0.30*	
		For >1,536, Deduct	*-0.11*	
09 29 10 00-0005	SF	1/2" Gypsum Board	1.60	0.61
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.29*	
		For Adhesive Applied Sheets, Add	*0.12*	
		Note: Includes bracing until adhesive is bonded		
		For Foil Back Board, Add	*0.10*	
		For Horizontal Installation Up To 10' High, Add	*0.42*	
		For Horizontal Installation >10' High, Add	*0.62*	
		For Walls >10' High, Add	*0.10*	
		For Up To 128, Add	*0.57*	
		For >128 To 320, Add	*0.34*	
		For >1,536, Deduct	*-0.12*	
09 29 10 00-0006	SF	5/8" Gypsum Board	1.88	0.70
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.33*	
		For Adhesive Applied Sheets, Add	*0.13*	
		Note: Includes bracing until adhesive is bonded		
		For Foil Back Board, Add	*0.10*	
		For Horizontal Installation Up To 10' High, Add	*0.48*	
		For Horizontal Installation >10' High, Add	*0.71*	
		For Walls >10' High, Add	*0.11*	
		For Up To 128, Add	*0.66*	
		For >128 To 320, Add	*0.40*	
		For >1,536, Deduct	*-0.14*	

09 29 10 00-0007 Fire Rated Gypsum Board Application *(09 29 10 00-0001)*

09 29 10 00-0008 Type X, Fire Rated Gypsum Board *(09 29 10 00-0007)*

09 29 10 00-0009	SF	5/8" Type X Fire Rated Gypsum Board	2.01	0.70
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.36*	
		For Adhesive Applied Sheets, Add	*0.14*	
		Note: Includes bracing until adhesive is bonded		
		For Foil Back Board, Add	*0.10*	
		For Horizontal Installation Up To 10' High, Add	*0.53*	
		For Horizontal Installation >10' High, Add	*0.78*	
		For Walls >10' High, Add	*0.12*	
		For Up To 128, Add	*0.71*	
		For >128 To 320, Add	*0.44*	
		For >1,536, Deduct	*-0.15*	

09 29 10 00-0010 Type C, Fire Rated Gypsum Board *(09 29 10 00-0007)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 29 10 00-0011	SF	1/2" Type C Fire Rated Gypsum Board	1.83	0.61
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.32*	
		For Adhesive Applied Sheets, Add	*0.13*	
		Note: Includes bracing until adhesive is bonded		
		For Foil Back Board, Add	*0.10*	
		For Horizontal Installation Up To 10' High, Add	*0.46*	
		For Horizontal Installation >10' High, Add	*0.68*	
		For Walls >10' High, Add	*0.11*	
		For Up To 128, Add	*0.64*	
		For >128 To 320, Add	*0.39*	
		For >1,536, Deduct	*-0.14*	
09 29 10 00-0012	SF	5/8" Type C Fire Rated Gypsum Board	2.06	0.70
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.36*	
		For Adhesive Applied Sheets, Add	*0.14*	
		Note: Includes bracing until adhesive is bonded		
		For Foil Back Board, Add	*0.10*	
		For Horizontal Installation Up To 10' High, Add	*0.53*	
		For Horizontal Installation >10' High, Add	*0.78*	
		For Walls >10' High, Add	*0.12*	
		For Up To 128, Add	*0.72*	
		For >128 To 320, Add	*0.44*	
		For >1,536, Deduct	*-0.15*	

09 29 10 00-0013 Fire Rated Gypsum Board (Sheetrock® Ultracode®) *(09 29 10 00-0007)*

09 29 10 00-0014	SF	3/4" Fire Rated Gypsum Board (Sheetrock® Ultracode®)	2.70	0.70
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.37*	
		For Adhesive Applied Sheets, Add	*0.14*	
		Note: Includes bracing until adhesive is bonded		
		For Horizontal Installation Up To 10' High, Add	*0.53*	
		For Horizontal Installation >10' High, Add	*0.78*	
		For Walls >10' High, Add	*0.12*	
		For Up To 128, Add	*0.85*	
		For >128 To 320, Add	*0.50*	
		For >1,536, Deduct	*-0.25*	

09 29 10 00-0015 Moisture Resistant Gypsum Board Application *(09 29 10 00-0001)*

Note: Water-resistant gypsum core.

09 29 10 00-0016	SF	1/2" Moisture Resistant Gypsum Board	1.72	0.61
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.29*	
		For Adhesive Applied Sheets, Add	*0.12*	
		Note: Includes bracing until adhesive is bonded		
		For Horizontal Installation Up To 10' High, Add	*0.42*	
		For Horizontal Installation >10' High, Add	*0.62*	
		For Walls >10' High, Add	*0.10*	
		For Up To 128, Add	*0.59*	
		For >128 To 320, Add	*0.36*	
		For >1,536, Deduct	*-0.14*	
09 29 10 00-0017	SF	5/8" Moisture Resistant Gypsum Board	2.19	0.61
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.33*	
		For Adhesive Applied Sheets, Add	*0.13*	
		Note: Includes bracing until adhesive is bonded		
		For Horizontal Installation Up To 10' High, Add	*0.48*	
		For Horizontal Installation >10' High, Add	*0.71*	
		For Walls >10' High, Add	*0.11*	
		For Up To 128, Add	*0.72*	
		For >128 To 320, Add	*0.43*	
		For >1,536, Deduct	*-0.19*	

09 29 10 00-0018 Vinyl Faced Gypsum Board Application *(09 29 10 00-0001)*

Note: Includes clips and adhesive.

09 29 10 00-0019	SF	3/8" Prefinished, Vinyl Faced Gypsum Board	2.95	0.47
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.26*	
		For Adhesive Applied Sheets, Add	*0.11*	
		Note: Includes bracing until adhesive is bonded		
		For Horizontal Installation Up To 10' High, Add	*0.36*	
		For Horizontal Installation >10' High, Add	*0.54*	
		For Walls >10' High, Add	*0.09*	
		For Up To 128, Add	*0.80*	
		For >128 To 320, Add	*0.46*	
		For >1,536, Deduct	*-0.34*	
09 29 10 00-0020	SF	1/2" Prefinished, Vinyl Faced Gypsum Board	3.11	0.61
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.30*	
		For Adhesive Applied Sheets, Add	*0.12*	
		Note: Includes bracing until adhesive is bonded		
		For Horizontal Installation Up To 10' High, Add	*0.42*	
		For Horizontal Installation >10' High, Add	*0.62*	
		For Walls >10' High, Add	*0.10*	
		For Up To 128, Add	*0.87*	
		For >128 To 320, Add	*0.50*	
		For >1,536, Deduct	*-0.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 29 10 00-0021	SF	5/8" Prefinished, Vinyl Faced Gypsum Board	3.30	0.70
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.35*	
		For Adhesive Applied Sheets, Add	*0.13*	
		Note: Includes bracing until adhesive is bonded		
		For Horizontal Installation Up To 10' High, Add	*0.48*	
		For Horizontal Installation >10' High, Add	*0.71*	
		For Walls >10' High, Add	*0.11*	
		For Up To 128, Add	*0.94*	
		For >128 To 320, Add	*0.54*	
		For >1,536, Deduct	*-0.35*	
09 29 10 00-0022	SF	1/2" Fire Rated, Prefinished Vinyl Faced Gypsum Board	3.60	0.61
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.34*	
		For Adhesive Applied Sheets, Add	*0.13*	
		Note: Includes bracing until adhesive is bonded		
		For Horizontal Installation Up To 10' High, Add	*0.46*	
		For Horizontal Installation >10' High, Add	*0.68*	
		For Walls >10' High, Add	*0.11*	
		For Up To 128, Add	*0.99*	
		For >128 To 320, Add	*0.56*	
		For >1,536, Deduct	*-0.40*	
09 29 10 00-0023	SF	5/8" Fire Rated, Prefinished Vinyl Faced Gypsum Board	5.39	0.70
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.40*	
		For Adhesive Applied Sheets, Add	*0.14*	
		Note: Includes bracing until adhesive is bonded		
		For Horizontal Installation Up To 10' High, Add	*0.53*	
		For Horizontal Installation >10' High, Add	*0.78*	
		For Walls >10' High, Add	*0.12*	
		For Up To 128, Add	*1.39*	
		For >128 To 320, Add	*0.77*	
		For >1,536, Deduct	*-0.65*	

09 29 10 00-0024 Moisture And Mold Resistant Gypsum Board Application *(09 29 10 00-0001)*

09 29 10 00-0025	SF	1/2", Mesh Reinforced, Moisture And Mold Resistant Gypsum Board (Georgia-Pacific ToughRock® Mold-Guard™)	1.96	0.59
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.29*	
		For Adhesive Applied Sheets, Add	*0.12*	
		Note: Includes bracing until adhesive is bonded		
		For Non-reinforced Board, Deduct	*-0.08*	
		For Horizontal Installation Up To 10' High, Add	*0.42*	
		For Horizontal Installation >10' High, Add	*0.62*	
		For Walls >10' High, Add	*0.10*	
		For Up To 128, Add	*0.64*	
		For >128 To 320, Add	*0.38*	
		For >1,536, Deduct	*-0.17*	
09 29 10 00-0026	SF	5/8", Mesh Reinforced, Moisture And Mold Resistant Gypsum Board (Georgia-Pacific ToughRock® Mold-Guard™)	2.32	0.67
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.34*	
		For Adhesive Applied Sheets, Add	*0.13*	
		Note: Includes bracing until adhesive is bonded		
		For Non-reinforced Board, Deduct	*-0.08*	
		For Horizontal Installation Up To 10' High, Add	*0.48*	
		For Horizontal Installation >10' High, Add	*0.71*	
		For Walls >10' High, Add	*0.11*	
		For Up To 128, Add	*0.75*	
		For >128 To 320, Add	*0.45*	
		For >1,536, Deduct	*-0.21*	
09 29 10 00-0027	SF	1/2" Fire Rated, Mesh Reinforced, Moisture And Mold Resistant Gypsum Board (Georgia-Pacific ToughRock® Fireguard X® Mold-Guard™)	2.31	0.59
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.32*	
		For Adhesive Applied Sheets, Add	*0.13*	
		Note: Includes bracing until adhesive is bonded		
		For Horizontal Installation Up To 10' High, Add	*0.46*	
		For Horizontal Installation >10' High, Add	*0.68*	
		For Walls >10' High, Add	*0.11*	
		For Up To 128, Add	*0.73*	
		For >128 To 320, Add	*0.44*	
		For >1,536, Deduct	*-0.21*	
09 29 10 00-0028	SF	5/8" Fire Rated, Mesh Reinforced, Moisture And Mold Resistant Gypsum Board (Georgia-Pacific ToughRock® Fireguard X® Mold-Guard™)	2.59	0.67
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.37*	
		For Adhesive Applied Sheets, Add	*0.14*	
		Note: Includes bracing until adhesive is bonded		
		For Horizontal Installation Up To 10' High, Add	*0.53*	
		For Horizontal Installation >10' High, Add	*0.78*	
		For Walls >10' High, Add	*0.12*	
		For Up To 128, Add	*0.83*	
		For >128 To 320, Add	*0.49*	
		For >1,536, Deduct	*-0.23*	

09 29 10 00-0029 Impact Resistant Gypsum Board *(09 29 10 00-0001)*

Note: Includes tapered edge, mold and moisture resistant, fire-resistant, Type X gypsum core encased in a heavy, abrasion and mold/mildew/moisture resistant

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 29 10 00-0030	SF	5/8" Fire Rated, Impact Resistant Gypsum Board (National Gypsum Hi-Impact®)	4.07	0.67
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.35*	
		For Adhesive Applied Sheets, Add	*0.13*	
		Note: Includes bracing until adhesive is bonded		
		For Horizontal Installation Up To 10' High, Add	*0.48*	
		For Horizontal Installation >10' High, Add	*0.70*	
		For Walls >10' High, Add	*0.11*	
		For Up To 128, Add	*1.09*	
		For >128 To 320, Add	*0.62*	
		For >1,536, Deduct	*-0.47*	

09 29 10 00-0031 Abuse Resistant Gypsum Board *(09 29 10 00-0001)*

Note: Includes tapered edge, mold and moisture resistant, fire-resistant Type X gypsum core encased in a heavy, abrasion and mold/mildew/moisture resistant

09 29 10 00-0032	SF	5/8" Fire Rated, Abuse Resistant Gypsum Board (National Gypsum Hi-Abuse®)	2.36	0.67
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.33*	
		For Adhesive Applied Sheets, Add	*0.13*	
		Note: Includes bracing until adhesive is bonded		
		For Horizontal Installation Up To 10' High, Add	*0.48*	
		For Horizontal Installation >10' High, Add	*0.70*	
		For Walls >10' High, Add	*0.11*	
		For Up To 128, Add	*0.75*	
		For >128 To 320, Add	*0.45*	
		For >1,536, Deduct	*-0.21*	

09 29 10 00-0033 Noise Reducing Gypsum Board *(09 29 10 00-0001)*

09 29 10 00-0034	SF	1/2" Noise Reducing Gypsum Board (National Gypsum SoundBreak)	4.24	0.71
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.36*	
		For Adhesive Applied Sheets, Add	*0.13*	
		Note: Includes bracing until adhesive is bonded		
		For Horizontal Installation Up To 10' High, Add	*0.49*	
		For Horizontal Installation >10' High, Add	*0.72*	
		For Walls >10' High, Add	*0.11*	
		For Up To 128, Add	*1.13*	
		For >128 To 320, Add	*0.64*	
		For >1,536, Deduct	*-0.49*	
09 29 10 00-0035	SF	5/8" Noise Reducing Gypsum Board (National Gypsum SoundBreak)	5.01	0.71
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	*0.36*	
		For Adhesive Applied Sheets, Add	*0.13*	
		Note: Includes bracing until adhesive is bonded		
		For Horizontal Installation Up To 10' High, Add	*0.49*	
		For Horizontal Installation >10' High, Add	*0.72*	
		For Walls >10' High, Add	*0.11*	
		For Up To 128, Add	*1.29*	
		For >128 To 320, Add	*0.72*	
		For >1,536, Deduct	*-0.61*	

09 29 10 00-0036 Finishing Gypsum Board Applications *(09 29 10)*

Note: Includes flat or curved walls, columns, soffits, recesses, and chases. Tape, spackle, sand and finish gypsum board to the appropriate level as defined by ASTM C 840. No taping or finishing is required for Level 0. For Level 1, tape is set in compound at joints and interior angles. Ridges and tool marks are acceptable. For Level 2, tape is set in compound and wiped with a joint knife leaving a thin coating of compound over joints, interior angles, fastener heads, and beads. Ridges and tool marks are acceptable. Compound applied over the body of the tape at the time of the tape is set satisfies the conditions for this level. For Level 3, tape is set in compound and one additional coat of compound is applied over all joints and interior angles. Fastener heads and accessories receive two separate coats of joint compound. Ridges and tool marks are not acceptable. For Level 4, tape is set in compound and two separate coats of compound are applied over all flat joints with one separate coat of compound applied over interior angles. Fastener heads and accessories receive three separate coats of compound. Ridges and tool marks are not acceptable. A Level 5 finish is a Level 4 finish plus a thin skim coat of compound applied to the entire drywall surface. All levels of finish require that the surface be free of excess compound. A single modifier may be used to change the level of finish to the appropriate level.

09 29 10 00-0037 Finish Gypsum Board Walls, ASTM C840 Level 4 *(09 29 10 00-0036)*

09 29 10 00-0038	SF	Up To 10' High, Walls, Tape, Spackle And Finish Gypsum Board	0.77	
		For Up To 128, Add	*0.29*	
		For >128 To 320, Add	*0.18*	
		For >5,400, Deduct	*-0.08*	
		For ASTM C840 Level 1 Finish, Deduct	*-0.36*	
		For ASTM C840 Level 2 Finish, Deduct	*-0.18*	
		For ASTM C840 Level 3 Finish, Deduct	*-0.07*	
		For ASTM C840 Level 5 High Quality Finish, Add	*0.57*	
09 29 10 00-0039	SF	>10' High, Walls, Tape, Spackle And Finish Gypsum Board	1.03	
		Note: Use this task for the entire wall area when the wall is >10' high.		
		For Up To 128, Add	*0.40*	
		For >128 To 320, Add	*0.25*	
		For >5,400, Deduct	*-0.10*	
		For ASTM C840 Level 1 Finish, Deduct	*-0.49*	
		For ASTM C840 Level 2 Finish, Deduct	*-0.25*	
		For ASTM C840 Level 3 Finish, Deduct	*-0.10*	
		For ASTM C840 Level 5 High Quality Finish, Add	*0.76*	

09 29 10 00-0040 Finish Gypsum Board Ceilings, ASTM C840 Level 4 *(09 29 10 00-0036)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 29 10 00-0041	SF	Up To 10' High, Ceilings, Tape, Spackle And Finish Gypsum Board	1.00	
		For Up To 128, Add	*0.39*	
		For >128 To 320, Add	*0.24*	
		For >5,400, Deduct	*-0.10*	
		For ASTM C840 Level 1 Finish, Deduct	*-0.48*	
		For ASTM C840 Level 2 Finish, Deduct	*-0.24*	
		For ASTM C840 Level 3 Finish, Deduct	*-0.10*	
		For ASTM C840 Level 5 High Quality Finish, Add	*0.74*	
09 29 10 00-0042	SF	>10' High, Ceilings, Tape, Spackle And Finish Gypsum Board Note: Use this task for the entire wall area when the wall is >10' high.	1.34	
		For Up To 128, Add	*0.52*	
		For >128 To 320, Add	*0.32*	
		For >5,400, Deduct	*-0.13*	
		For ASTM C840 Level 1 Finish, Deduct	*-0.65*	
		For ASTM C840 Level 2 Finish, Deduct	*-0.32*	
		For ASTM C840 Level 3 Finish, Deduct	*-0.13*	
		For ASTM C840 Level 5 High Quality Finish, Add	*0.99*	
09 29 10 00-0043		**Finish Gypsum Board Vertical Corners, ASTM C840 Level 4** *(09 29 10 00-0036)* Note: Inside or outside gypsum board corners.		
09 29 10 00-0044	LF	Up To 10' High, Vertical Corners, Tape, Spackle And Finish Gypsum Board	1.54	
		For ASTM C840 Level 1 Finish, Deduct	*-0.72*	
		For ASTM C840 Level 2 Finish, Deduct	*-0.36*	
		For ASTM C840 Level 3 Finish, Deduct	*-0.15*	
		For ASTM C840 Level 5 High Quality Finish, Add	*1.13*	
09 29 10 00-0045	LF	>10' High, Vertical Corners, Tape, Spackle And Finish Gypsum Board Note: Use this task for the entire wall area when the wall is >10' high.	1.83	
		For ASTM C840 Level 1 Finish, Deduct	*-0.86*	
		For ASTM C840 Level 2 Finish, Deduct	*-0.43*	
		For ASTM C840 Level 3 Finish, Deduct	*-0.17*	
		For ASTM C840 Level 5 High Quality Finish, Add	*1.35*	
09 29 10 00-0046		**Finish Gypsum Board Horizontal Corners, ASTM C840 Level 4** *(09 29 10 00-0036)* Note: Inside or outside gypsum board corners.		
09 29 10 00-0047	LF	Up To 10' High, Horizontal Corners, Tape, Spackle And Finish Gypsum Board	1.78	
		For ASTM C840 Level 1 Finish, Deduct	*-0.84*	
		For ASTM C840 Level 2 Finish, Deduct	*-0.42*	
		For ASTM C840 Level 3 Finish, Deduct	*-0.17*	
		For ASTM C840 Level 5 High Quality Finish, Add	*1.31*	
09 29 10 00-0048	LF	>10' High, Horizontal Corners, Tape, Spackle And Finish Gypsum Board Note: Use this task for the entire wall area when the wall is >10' high.	2.14	
		For ASTM C840 Level 1 Finish, Deduct	*-1.02*	
		For ASTM C840 Level 2 Finish, Deduct	*-0.51*	
		For ASTM C840 Level 3 Finish, Deduct	*-0.21*	
		For ASTM C840 Level 5 High Quality Finish, Add	*1.58*	
09 29 10 00-0049		**Casing And Corner Beads** *(09 29 10)*		
09 29 10 00-0050	LF	Casing, Galvanized Steel J-Bead For Gypsum Board	4.12	1.19
		For Up To 100, Add	*0.27*	
		For >500, Deduct	*-0.21*	
09 29 10 00-0051	LF	Corner Bead, Galvanized Steel For Gypsum Board	4.20	1.19
		For Up To 100, Add	*0.29*	
		For >500, Deduct	*-0.21*	
09 29 10 00-0052		**Preformed Architectural Profiles** *(09 29 10)*		
09 29 10 00-0053		**Trim Reveals For Gypsum Board** *(09 29 10 00-0052)*		
09 29 10 00-0054	LF	1/8" x 1/2" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	6.17	1.43
09 29 10 00-0055	LF	1/4" x 1/2" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	6.22	1.43
09 29 10 00-0056	LF	3/8" x 1/2" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	6.42	1.43
09 29 10 00-0057	LF	1/2" x 1/2" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	6.52	1.43
09 29 10 00-0058	LF	5/8" x 1/2" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	6.78	1.43
09 29 10 00-0059	LF	3/4" x 1/2" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	7.03	1.43
09 29 10 00-0060	LF	1" x 1/2" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	7.28	1.43
09 29 10 00-0061	LF	1-1/2" x 1/2" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	8.10	1.43
09 29 10 00-0062	LF	2" x 1/2" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	8.91	1.43
09 29 10 00-0063	LF	1/8" x 5/8" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	6.30	1.55
09 29 10 00-0064	LF	1/4" x 5/8" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	6.30	1.55
09 29 10 00-0065	LF	3/8" x 5/8" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	6.86	1.55
09 29 10 00-0066	LF	1/2" x 5/8" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	6.96	1.55
09 29 10 00-0067	LF	5/8" x 5/8" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	7.32	1.55
09 29 10 00-0068	LF	3/4" x 5/8" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	7.47	1.55
09 29 10 00-0069	LF	1" x 5/8" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	7.68	1.55
09 29 10 00-0070	LF	1 1/2" x 5/8" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	8.59	1.55
09 29 10 00-0071	LF	2" x 5/8" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	9.51	1.55
09 29 10 00-0072	LF	3" x 5/8", Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	13.13	1.78
09 29 10 00-0073	LF	4" x 5/8", Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	14.66	1.78
09 29 10 00-0074		**Edge Trim For Gypsum Board** *(09 29 10 00-0052)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 29 10 00-0075	LF	1/2" Aluminum Extrusions, Edge Trim For Gypsum Board	5.62	1.49
09 29 10 00-0076	LF	5/8" Aluminum Extrusions, Edge Trim For Gypsum Board	6.03	1.49
09 29 10 00-0077	LF	1" Aluminum Extrusions, Edge Trim For Gypsum Board	7.06	1.64
09 29 10 00-0078	LF	1-1/4" Aluminum Extrusions, Edge Trim For Gypsum Board	7.42	1.78
09 29 10 00-0079	LF	1/2" Flexible Aluminum Extrusions, Edge Trim For Gypsum Board	10.71	1.49
09 29 10 00-0080	LF	5/8" Flexible Aluminum Extrusions, Edge Trim For Gypsum Board	11.12	1.49
09 29 10 00-0081	LF	1" Flexible Aluminum Extrusions, Edge Trim For Gypsum Board	12.15	1.64
09 29 10 00-0082	LF	1-1/4" Flexible Aluminum Extrusions, Edge Trim For Gypsum Board	12.50	1.78
09 29 10 00-0083		**Bevel Trim For Gypsum Board** *(09 29 10 00-0052)*		
09 29 10 00-0084	LF	5/16" x 1/4" Aluminum Extrusions, Bevel Trim For Gypsum Board	6.03	1.49
09 29 10 00-0085	LF	5/8" x 5/8" Aluminum Extrusions, Bevel Trim For Gypsum Board	6.91	1.64
09 29 10 00-0086		**Trim/Wainscot Caps For Gypsum Board** *(09 29 10 00-0052)*		
09 29 10 00-0087	LF	1-1/2" Wide Aluminum Extrusions, Trim/Wainscot Cap For Gypsum Board	8.28	1.78
09 29 10 00-0088		**Single Fin Wall/Trim Reveals For Gypsum Board** *(09 29 10 00-0052)*		
09 29 10 00-0089	LF	1/8" x 1/2" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	5.98	0.96
09 29 10 00-0090	LF	1/4" x 1/2" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	6.04	1.07
09 29 10 00-0091	LF	3/8" x 1/2" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	6.96	1.19
09 29 10 00-0092	LF	1/2" x 1/2" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	7.39	1.31
09 29 10 00-0093	LF	5/8" x 1/2" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	7.79	1.43
09 29 10 00-0094	LF	3/4" x 1/2" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	7.95	1.43
09 29 10 00-0095	LF	1" x 1/2" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	8.40	1.43
09 29 10 00-0096	LF	1-1/2" x 1/2" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	9.27	1.43
09 29 10 00-0097	LF	2" x 1/2" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	9.57	1.43
09 29 10 00-0098	LF	1/8" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	7.32	1.55
09 29 10 00-0099	LF	1/4" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	7.42	1.55
09 29 10 00-0100	LF	3/8" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	7.98	1.55
09 29 10 00-0101	LF	1/2" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	8.24	1.55
09 29 10 00-0102	LF	5/8" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	8.44	1.55
09 29 10 00-0103	LF	3/4" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	8.69	1.55
09 29 10 00-0104	LF	1" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	9.05	1.55
09 29 10 00-0105	LF	1-1/2" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	9.97	1.55
09 29 10 00-0106	LF	2" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	10.73	1.55
09 29 10 00-0107	LF	3" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	13.17	1.55
09 29 10 00-0108	LF	4" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board	17.85	1.55
09 29 10 00-0109	LF	3-1/16" x 7/16", Aluminum Extrusions, Single Fin Wall Base For Gypsum Board	12.25	1.55
09 29 10 00-0110	LF	3-1/16" x 9/16", Aluminum Extrusions, Single Fin Wall Base For Gypsum Board	12.66	1.55
09 29 10 00-0111	LF	4-1/16" x 7/16", Aluminum Extrusions, Single Fin Wall Base For Gypsum Board	14.03	1.55
09 29 10 00-0112	LF	4-1/16" x 9/16", Aluminum Extrusions, Single Fin Wall Base For Gypsum Board	14.19	1.55
09 29 10 00-0113	LF	9/16" Tall with 1/2" Reveal, Aluminum Extrusions, Single Fin Wall Base With Reveal For Gypsum Board	16.17	1.55
09 29 10 00-0114	LF	5/8" Aluminum Extrusions, Single Fin Wall/Trim Reveal Hanging Track For Gypsum Board	13.22	1.55
09 29 10 00-0115		**'V' Groove Wall Reveals For Gypsum Board** *(09 29 10 00-0052)*		
09 29 10 00-0116	LF	1/4" x 5/8" Aluminum Extrusions, 'V' Groove Wall Reveal For Gypsum Board	9.08	2.14
09 29 10 00-0117	LF	3/4" x 1/2" Aluminum Extrusions, 'V' Groove Wall Reveal For Gypsum Board	10.40	2.38
09 29 10 00-0118	LF	1" x 1/2" Aluminum Extrusions, 'V' Groove Wall Reveal For Gypsum Board	11.82	2.86
09 29 10 00-0119	LF	9/32" x 5/8" Aluminum Extrusions, 'V' Groove Wall Reveal For Gypsum Board	12.00	3.09
09 29 10 00-0120		**Double Fin Wall Reveals For Gypsum Board** *(09 29 10 00-0052)*		
09 29 10 00-0121	LF	3/8" x 3/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	8.61	1.43
09 29 10 00-0122	LF	1/8" x 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	8.71	1.43
09 29 10 00-0123	LF	1/4" x 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	8.81	1.43
09 29 10 00-0124	LF	3/8" x 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	8.81	1.43
09 29 10 00-0125	LF	1/2" x 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	9.27	1.43
09 29 10 00-0126	LF	5/8" x 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	9.47	1.41
09 29 10 00-0127	LF	3/4" x 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	9.67	1.43
09 29 10 00-0128	LF	1" x 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	10.13	1.43
09 29 10 00-0129	LF	1-1/2" x 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	10.90	1.43
09 29 10 00-0130	LF	2" x 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	11.71	1.43
09 29 10 00-0131	LF	3/8" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	9.10	1.55
09 29 10 00-0132	LF	1/4" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	9.20	1.55
09 29 10 00-0133	LF	3/8" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	9.41	1.55
09 29 10 00-0134	LF	1/2" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	9.86	1.55
09 29 10 00-0135	LF	5/8" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	10.07	1.55
09 29 10 00-0136	LF	3/4" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	10.22	1.55
09 29 10 00-0137	LF	1" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	10.73	1.55
09 29 10 00-0138	LF	1-1/2" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	11.54	1.55
09 29 10 00-0139	LF	2" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	12.36	1.55
09 29 10 00-0140	LF	3" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	14.54	1.55
09 29 10 00-0141	LF	4" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	19.12	1.55
09 29 10 00-0142	LF	1-1/2" x 1" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	17.11	1.69
09 29 10 00-0143	LF	3/4" x 1 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	19.44	2.06
09 29 10 00-0144	LF	1-1/2" x 1-1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	20.10	2.06

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 29 10 00-0145	LF	1/2", Aluminum Extrusions, Double Fin Hanging Track Wall Reveal For Gypsum Board	15.57	1.41
09 29 10 00-0146	LF	1 3/16", Aluminum Extrusions, Double Fin Hanging Track Wall Reveal For Gypsum Board	14.30	2.06
09 29 10 00-0147	LF	1/4" Aluminum Extrusions, Double Fin Wall Covering Joiner For Gypsum Board	10.28	1.41
09 29 10 00-0148		Special Conditions Reveals For Gypsum Board *(09 29 10 00-0052)*		
09 29 10 00-0149		Radius Conditions *(09 29 10 00-0148)*		
09 29 10 00-0150	EA	8' Long Inside Radius For Gypsum Board Note: Task used in conjunction with "Preformed Architectural Profiles" tasks.	127.14	
09 29 10 00-0151	EA	8' Long Outside Radius For Gypsum Board Note: Task used in conjunction with "Preformed Architectural Profiles" tasks.	127.14	
09 29 10 00-0152	EA	8' Long Circular / Arched Radius For Gypsum Board Note: Task used in conjunction with "Preformed Architectural Profiles" tasks.	127.14	
09 29 10 00-0153		Knee Brace Kit *(09 29 10 00-0148)*		
09 29 10 00-0154	EA	46" H, Aluminum Extrusions, Knee Brace Kit For Gypsum Board	273.83	14.87
09 29 10 00-0155		Wall Bumper Rail *(09 29 10 00-0148)*		
09 29 10 00-0156	LF	2-1/2" x 5/8", Aluminum Extrusions, Wall Bumper Rail For Gypsum Board	37.32	5.95
09 29 10 00-0157		Corners For Gypsum Board *(09 29 10 00-0052)*		
09 29 10 00-0158	LF	1/2"R, Aluminum Extrusions, Outside Corner For Gypsum Board	7.95	1.43
09 29 10 00-0159	LF	5/8"R, Aluminum Extrusions, Outside Corner For Gypsum Board	8.49	1.55
09 29 10 00-0160	LF	3/4"R, Aluminum Extrusions, Outside Corner For Gypsum Board	9.43	1.62
09 29 10 00-0161	LF	1"R, Aluminum Extrusions, Outside Corner For Gypsum Board	10.55	1.69
09 29 10 00-0162	LF	1-1/2" R, Aluminum Extrusions, Outside Corner For Gypsum Board	12.78	2.06
09 29 10 00-0163	LF	2" R, Aluminum Extrusions, Outside Corner For Gypsum Board	14.82	2.32
09 29 10 00-0164	LF	2-1/2" R, Aluminum Extrusions, Outside Corner For Gypsum Board	18.02	2.66
09 29 10 00-0165	LF	3" R, Aluminum Extrusions, Outside Corner For Gypsum Board	21.91	3.10
09 29 10 00-0166	LF	4" R, Aluminum Extrusions, Outside Corner For Gypsum Board	30.13	4.13
09 29 10 00-0167	LF	90 Degree 3/8" Aluminum Extrusions, Hi-Strength Corner For Gypsum Board	7.95	1.38
09 29 10 00-0168	LF	90 Degree 1-1/4" Aluminum Extrusions, Hi-Strength Corner For Gypsum Board	14.69	1.86
09 29 10 00-0169	LF	90 Degree 1-1/4" Aluminum Extrusions, Fabric Tuck Corner For Gypsum Board	10.47	1.86
09 29 10 00-0170	LF	90 Degree 1-1/4" Aluminum Extrusions, Corner With Vertical Reveal For Gypsum Board	19.17	1.86
09 29 10 00-0171	LF	45 Degree 2" Aluminum Extrusions, Corner For Gypsum Board	27.33	2.32
09 29 10 00-0172	LF	60 Degree 2" Aluminum Extrusions, Corner For Gypsum Board	26.21	2.32
09 29 10 00-0173	LF	3/4" Aluminum Extrusions, Chamfered Corner For Gypsum Board	7.76	1.62
09 29 10 00-0174	LF	5/8" R, Aluminum Extrusions, Corners Return For Gypsum Board	7.83	1.55
09 29 10 00-0175	LF	1/2" x 1/2" Aluminum Extrusions, Double Corner Step For Gypsum Board	7.89	1.43
09 29 10 00-0176	LF	5/8" x 5/8" Aluminum Extrusions, Double Corner Step For Gypsum Board	8.29	1.55
09 29 10 00-0177	LF	1" x 1" Aluminum Extrusions, Double Corner Step For Gypsum Board	11.21	1.69
09 29 10 00-0178	LF	1/2" x 1/2" Aluminum Extrusions, Triple Corner Step For Gypsum Board	9.88	1.43
09 29 10 00-0179	LF	5/8" x 5/8" Aluminum Extrusions, Triple Corner Step For Gypsum Board	10.42	1.55
09 29 10 00-0180	LF	1" x 1" Aluminum Extrusions, Triple Corner Step For Gypsum Board	15.38	1.69
09 29 10 00-0181	LF	1/3" x 1/2" Aluminum Extrusions, Quad Corner Step For Gypsum Board	17.00	1.43
09 29 10 00-0182	LF	3" Aluminum Extrusions, Bullnose For Gypsum Board	29.08	3.10
09 29 10 00-0183	LF	3-7/8" Aluminum Extrusions, Bullnose For Gypsum Board	31.12	3.10
09 29 10 00-0184	LF	5-3/8", Aluminum Extrusions, Bullnose For Gypsum Board	57.72	5.16
09 29 10 00-0185	LF	7-3/8", Aluminum Extrusions, Bullnose For Gypsum Board	96.00	7.31
09 29 10 00-0186	LF	3/4" R, Aluminum Extrusions, Inside Corner For Gypsum Board	9.49	1.59
09 29 10 00-0187	LF	1" R, Aluminum Extrusions, Inside Corner For Gypsum Board	10.86	1.67
09 29 10 00-0188	LF	1-1/2" R, Aluminum Extrusions, Inside Corner For Gypsum Board	13.03	2.03
09 29 10 00-0189	LF	2"R, Aluminum Extrusions, Inside Corner For Gypsum Board	16.04	2.29
09 29 10 00-0190	LF	2-1/2" R, Aluminum Extrusions, Inside Corner For Gypsum Board	22.85	2.62
09 29 10 00-0191	LF	3"R, Aluminum Extrusions, Inside Corner For Gypsum Board	24.66	3.05
09 29 10 00-0192	LF	4" R, Aluminum Extrusions, Inside Corner For Gypsum Board	27.89	4.07
09 29 10 00-0193	LF	3-5/8", Aluminum Extrusions, Aluminum Wall Cap For Gypsum Board	17.64	3.05
09 29 10 00-0194	LF	3-7/8", Aluminum Extrusions, Aluminum Wall Cap For Gypsum Board	17.90	3.05
09 29 10 00-0195	LF	4-3/4", Aluminum Extrusions, Aluminum Wall Cap For Gypsum Board	19.52	3.05
09 29 10 00-0196	LF	5", Aluminum Extrusions, Aluminum Wall Cap For Gypsum Board	20.03	3.05
09 29 82		**Gypsum Board Fire Protection** *(09 29)*		
09 29 82 00-0001		Shaft Wall *(09 29 82)* See CSI section 09 29 10 00-0036 for finishing drywall.		
09 29 82 00-0002	SF	3/4" Fire Rated Shaft Wall Assembly Note: 1/4" thick fiber-cement board with tapered edges over 1/2" thick type "X" gypsum board. Excludes studs or wall structure.	7.34	2.98
		For Horizontal Installation Up To 10' High, Add	*2.02*	
		For Horizontal Installation >10' High, Add	*2.98*	
		For Walls >10' High, Add	*0.48*	
		For Up To 128, Add	*2.66*	
		For >128 To 320, Add	*1.63*	
		For >1,536, Deduct	*-0.51*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 29 82 00-0003	SF	7/8" Fire Rated Shaft Wall Assembly	8.56	3.57
		Note: 1/4" thick fiber-cement board with tapered edges over 5/8" thick type "X" gypsum board. Excludes studs or wall structure.		
		For Horizontal Installation Up To 10' High, Add	*2.43*	
		For Horizontal Installation >10' High, Add	*3.57*	
		For Walls >10' High, Add	*0.57*	
		For Up To 128, Add	*3.14*	
		For >128 To 320, Add	*1.93*	
		For >1,536, Deduct	*-0.57*	
09 29 82 00-0004	SF	2-1/2", 25 Gauge C-H Stud/J-Runner, 1" Gypsum Liner Panel Shaft Wall Assembly	6.86	2.29
		Note: Includes sealant installed at top of wall and panel gaps. Excludes additional gypsum panels and finishing.		
		For Horizontal Installation Up To 10' High, Add	*1.56*	
		For Horizontal Installation >10' High, Add	*2.29*	
		For Walls >10' High, Add	*0.37*	
		For Up To 128, Add	*2.29*	
		For >128 To 320, Add	*1.37*	
		For Glass Mat Surfaces, Add	*0.26*	
09 29 82 00-0005	SF	4", 25 Gauge C-H Stud/J-Runner, 1" Gypsum Liner Panel Shaft Wall Assembly	7.29	2.41
		Note: Includes sealant installed at top of wall and panel gaps. Excludes additional gypsum panels and finishing.		
		For Horizontal Installation Up To 10' High, Add	*1.64*	
		For Horizontal Installation >10' High, Add	*2.41*	
		For Walls >10' High, Add	*0.38*	
		For Up To 128, Add	*2.42*	
		For >128 To 320, Add	*1.45*	
		For Glass Mat Surfaces, Add	*0.26*	
09 29 82 00-0006	SF	2-1/2", 20 Gauge C-H Stud/J-Runner, 1" Gypsum Liner Panel Shaft Wall Assembly	7.83	2.41
		Note: Includes sealant installed at top of wall and panel gaps. Excludes additional gypsum panels and finishing.		
		For Horizontal Installation Up To 10' High, Add	*1.64*	
		For Horizontal Installation >10' High, Add	*2.41*	
		For Walls >10' High, Add	*0.38*	
		For Up To 128, Add	*2.53*	
		For >128 To 320, Add	*1.50*	
		For Glass Mat Surfaces, Add	*0.26*	
09 29 82 00-0007	SF	4", 20 Gauge C-H Stud/J-Runner, 1" Gypsum Liner Panel Shaft Wall Assembly	8.27	2.53
		Note: Includes sealant installed at top of wall and panel gaps. Excludes additional gypsum panels and finishing.		
		For Horizontal Installation Up To 10' High, Add	*1.71*	
		For Horizontal Installation >10' High, Add	*2.52*	
		For Walls >10' High, Add	*0.40*	
		For Up To 128, Add	*2.66*	
		For >128 To 320, Add	*1.58*	
		For Glass Mat Surfaces, Add	*0.26*	

09 30 Tiling *(09)*

Note: All tiles are standard grade ANSI 137.1 or higher, mounted and unmounted, cushioned or non-cushioned edge, all tile colors, all grout colors, PEI rating 1 through 4, and include patterns. Glazing shall meet ASTM C484 and C424. Mounted tiles are assembled into sheets to facilitate handling and installation. Perforated paper, fiber mesh, or other suitable bonding material applied to the front, backs or edges of the tile can be used to mount the tiles. Cushioned edge tile has facial edges with a distinct curvature that results in a slightly recessed joint. All floor, wall, ceiling, cove base and trim tile will be installed in accordance with ANSI 108.1 using these setting methods. Includes initial wax and seal.

09 30 13 Ceramic Tiling *(09 30)*

Note: Includes grout and sealing. Excludes setting method. See CSI section 09 31 00 00-0000 for thin-set, 09 32 00 00-0000 for mortar-bed, 09 35 00 00-0000 for chemical-resistant.

09 30 13 00-0001 Ceramic Tiling *(09 30 13)*

09 30 13 00-0002	SF	2" x 2" x 1/4" Thick, Mounted, Unpolished Ceramic Floor Tile	17.80	3.46
		Note: Tiles mounted from back, side or front in 12" x 12", 12" x 24", 12" x 48", or similar sized sheets.		
		For Up To 50, Add	*9.63*	
		For >50 To 250, Add	*1.38*	
		For >1,000, Deduct	*-0.69*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.49*	
		For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add	*1.66*	
09 30 13 00-0003	SF	Less Than 8" x 8", Mounted, Ceramic Floor Tile	12.59	3.46
		Note: Includes glazed porcelain, unglazed porcelain and glazed ceramic tiles. Tiles mounted from back, side or front in 12" x 12", 12" x 24", or similar sized sheets.		
		For Up To 50, Add	*8.33*	
		For >50 To 250, Add	*1.38*	
		For >1,000, Deduct	*-0.69*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.49*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
		For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add	*1.66*	
09 30 13 00-0004	SF	8" x 8" And Larger Unmounted Ceramic Floor Tile	14.32	2.16
		Note: Includes glazed porcelain, unglazed porcelain and glazed ceramic tiles.		
		For Up To 50, Add	*10.06*	
		For >50 To 250, Add	*1.73*	
		For >1,000, Deduct	*-0.86*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.75*	
		For Heavy Duty Floors With A PEI 5 Rating, Add	*1.00*	
		For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add	*1.92*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 30 13 00-0005	SF	2" x 2" x 1/4" Thick, Mounted, Unpolished Ceramic Wall Tile	19.27	4.19
		Note: Tiles mounted from back, side or front in 12" x 12", 12" x 24", 12" x 48", or similar sized sheets.		
		For Up To 50, Add	*11.10*	
		For >50 To 250, Add	*1.68*	
		For >1,000, Deduct	*-0.84*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.71*	
		For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add	*1.88*	
09 30 13 00-0006	SF	Less than 8" x 8" Mounted Ceramic Wall Tile	14.06	4.19
		Note: Includes glazed porcelain, unglazed porcelain and glazed ceramic tiles. Tiles mounted from back, side or front in 12" x 12", 12" x 24", or similar sized sheets.		
		For Up To 50, Add	*9.80*	
		For >50 To 250, Add	*1.68*	
		For >1,000, Deduct	*-0.84*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.71*	
		For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add	*1.88*	
09 30 13 00-0007	SF	8" x 8" And Larger Unmounted Ceramic Wall Tile	16.28	2.65
		Note: Includes glazed porcelain, unglazed porcelain and glazed ceramic tiles.		
		For Up To 50, Add	*12.02*	
		For >50 To 250, Add	*2.12*	
		For >1,000, Deduct	*-1.06*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*2.04*	
		For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add	*2.21*	
09 30 13 00-0008	SF	Less than 8" x 8" Mounted Ceramic Ceiling Tile	20.20	7.26
		Note: Includes glazed porcelain, unglazed porcelain and glazed ceramic tiles. Tiles mounted from back, side or front in 12" x 12", 12" x 24", or similar sized sheets.		
		For High-Modulus, High-Strength Epoxy Grout, Add	*2.63*	
		For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add	*2.80*	
		For Up To 50, Add	*15.94*	
		For >50 To 250, Add	*2.90*	
		For >1,000, Deduct	*-1.45*	
09 30 13 00-0009	SF	8" x 8" And Larger Unmounted Ceramic Ceiling Tile	23.10	4.35
		Note: Includes glazed porcelain, unglazed porcelain and glazed ceramic tiles.		
		For High-Modulus, High-Strength Epoxy Grout, Add	*3.06*	
		For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add	*3.23*	
		For Up To 50, Add	*18.84*	
		For >50 To 250, Add	*3.48*	
		For >1,000, Deduct	*-1.74*	
09 30 13 00-0010	LF	4-1/4" To 4-1/2" High, Ceramic Cove Base Or Trim	13.50	3.02
		Note: Includes glazed porcelain, unglazed porcelain and glazed ceramic tiles.		
		For High-Modulus, High-Strength Epoxy Grout, Add	*2.03*	
		For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add	*2.12*	
09 30 13 00-0011	LF	6" High x 12" Long, Unpolished Ceramic Cove Base (Daltile Portfolio)	21.74	3.02
		For High-Modulus, High-Strength Epoxy Grout, Add	*2.03*	
		For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add	*2.12*	
09 30 13 00-0012	LF	6" High x 24" Long, Unpolished Ceramic Cove Base (Daltile Portfolio)	24.37	3.02
		For High-Modulus, High-Strength Epoxy Grout, Add	*2.03*	
		For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add	*2.12*	
09 30 13 00-0013	EA	6" High, Unpolished Ceramic Cove Base Outer Corner	18.86	0.66
09 30 13 00-0014		**Residential Ceramic Tiling** *(09 30 13)*		
09 30 13 00-0015	SF	Mounted Ceramic Floor Tile, Residential Grade	10.49	3.46
		Note: Includes glazed porcelain, unglazed porcelain and glazed ceramic tiles. Tiles mounted from back, side or front in 12" x 12", 12" x 24", or similar sized sheets.		
		For Up To 50, Add	*7.81*	
		For >50 To 250, Add	*1.38*	
		For >1,000, Deduct	*-0.69*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.49*	
09 30 13 00-0016	SF	Mounted Ceramic Wall Tile, Residential Grade	11.96	4.19
		Note: Includes glazed porcelain, unglazed porcelain and glazed ceramic tiles. Tiles mounted from back, side or front in 12" x 12", 12" x 24", or similar sized sheets.		
		For Up To 50, Add	*9.28*	
		For >50 To 250, Add	*1.68*	
		For >1,000, Deduct	*-0.84*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.71*	
09 30 13 00-0017	SF	2" x 2" x 1/4" Thick, Unpolished Ceramic Mounted Floor Tile, Residential Grade	12.70	3.46
		Note: Tiles mounted from back, side or front in 12" x 12", 12" x 24", 12" x 48", or similar sized sheets.		
		For Up To 50, Add	*8.36*	
		For >50 To 250, Add	*1.38*	
		For >1,000, Deduct	*-0.69*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.49*	

09 30 16 Quarry Tiling *(09 30)*

Note: Includes grout and sealing. Excludes setting method. See CSI section 09 31 00 00-0000 for thin-set, 09 32 00 00-0000 for mortar-bed, 09 35 00 00-0000 for chemical-resistant.

09 30 16 00-0001	SF	Unglazed Quarry Floor Tile	13.63	2.43
		Note: With or without embedded abrasive grit.		
		For Up To 50, Add	*10.66*	
		For >50 To 250, Add	*1.93*	
		For >1,000, Deduct	*-0.97*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.90*	
		For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add	*2.07*	
09 30 16 00-0002	SF	Glazed Quarry Floor Tile	26.14	2.43

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
		For Up To 50, Add	*13.79*	
		For >50 To 250, Add	*1.93*	
		For >1,000, Deduct	*-0.97*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*1.90*	
		For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add	*2.07*	
09 30 16 00-0003	SF	Unglazed Quarry Wall Tile	15.57	2.87
		Note: With or without embedded abrasive grit.		
		For Up To 50, Add	*12.60*	
		For >50 To 250, Add	*2.32*	
		For >1,000, Deduct	*-1.16*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*2.19*	
		For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add	*2.36*	
09 30 16 00-0004	SF	Glazed Quarry Wall Tile	28.08	2.87
		For Up To 50, Add	*15.73*	
		For >50 To 250, Add	*2.32*	
		For >1,000, Deduct	*-1.16*	
		For High-Modulus, High-Strength Epoxy Grout, Add	*2.19*	
		For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add	*2.36*	
09 30 16 00-0005	LF	6" High Unglazed Quarry Tile Cove Base Or Trim	19.06	3.19
		For High-Modulus, High-Strength Epoxy Grout, Add	*2.14*	
		For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add	*2.23*	
09 30 16 00-0006	LF	6" High Glazed Quarry Tile Cove Base Or Trim	39.57	3.19
		For High-Modulus, High-Strength Epoxy Grout, Add	*2.14*	
		For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add	*2.23*	

09 31 Thin-Set Tiling *(09 30)*

Note: Tile setting methods in this section are used with ceramic or quarry tile materials as applicable, for a complete installation.

09 31 13 Thin-Set Ceramic Tiling *(09 31)*

09 31 13 00-0001 Thin-Set Ceramic Tiling *(09 31 13)*

09 31 13 00-0002	SF	Thin Set - Latex Portland Cement Mortar	1.98	1.15
		For Up To 50, Add	*1.79*	
		For >50 To 250, Add	*0.35*	
		For >1,000, Deduct	*-0.17*	
09 31 13 00-0003	SF	Clean And Scarify Existing Tile For Installation Of New Tile Over Existing	1.10	
		For Up To 50, Add	*1.10*	
		For >50 To 250, Add	*0.22*	
		For >1,000, Deduct	*-0.11*	

09 32 Mortar-Bed Tiling *(09 30)*

Note: Tile setting methods in this section are used with ceramic or quarry tile materials as applicable, for a complete installation.

09 32 13 Mortar-Bed Ceramic Tiling *(09 32)*

09 32 13 00-0001 Mortar-Bed Ceramic Tiling *(09 32 13)*

09 32 13 00-0002	SF	3/4" Minimum Thickness Portland Cement Mortar Setting Bed	5.16	2.30
		Note: For residential floors. Includes 15 LB felt and wire reinforcement.		
		For Up To 50, Add	*3.88*	
		For >50 To 250, Add	*0.69*	
		For >1,000, Deduct	*-0.35*	
		For Exterior Installation (Galvanized Reinforcement), Add	*0.15*	
09 32 13 00-0003	SF	1-1/4" Minimum Thickness Portland Cement Mortar Setting Bed	7.30	3.07
		Note: For commercial floors. Includes 15 LB felt and wire reinforcement.		
		For Up To 50, Add	*5.28*	
		For >50 To 250, Add	*0.92*	
		For >1,000, Deduct	*-0.46*	
		For Exterior Installation (Galvanized Reinforcement), Add	*0.15*	
09 32 13 00-0004	SF	3/4" Portland Cement Plaster Scratch Coat for Walls	16.18	6.91
		Note: Includes 15 LB felt and expanded metal lath.		
		For Up To 50, Add	*14.41*	
		For >50 To 250, Add	*2.76*	
		For >1,000, Deduct	*-1.38*	
		For Exterior Installation (Galvanized Reinforcement), Add	*0.15*	
		For Installation Without Felt And Metal Lath, Deduct	*-2.35*	

09 34 Waterproofing-Membrane Tiling *(09 30)*

09 34 00 00-0001 Bonded Waterproofing System for Tiled Showers, Steam Showers, and Bathtub Surrounds *(09 34)*

09 34 00 00-0002 Prefabricated Assemblies For Tiled Showers (Schluter® KERDI Shower ST) *(09 34 00 00-0001)*

Note: For creating a watertight sloped shower assembly without a mortar bed. Includes a prefabricated polystyrene foam shower tray, 6" x 4-1/2" prefabricated polystyrene foam shower curb, waterproofing membrane for shower tray and surround, and center shower drain. Excludes tile, mortar, grout and shower accessories.

09 34 00 00-0003	EA	48" x 48", Prefabricated Assembly For Tiled Showers (Schluter® KERDI Shower ST/SC)	1,447.35
09 34 00 00-0004	EA	32" x 60", Prefabricated Assembly For Tiled Showers (Schluter® KERDI Shower ST/SC)	1,671.87
09 34 00 00-0005	EA	72" x 72", Prefabricated Assembly For Tiled Showers (Schluter® KERDI Shower ST/SC)	2,468.18

09 34 00 00-0006 Prefabricated Polystyrene Shower Curbs And Ramps *(09 34 00 00-0001)*

Note: Prefabricated shower curbs and ramps for tiling over. Excludes tile.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 34 00 00-0007	EA	15-7/8" Width, 48" Length, Prefabricated Polystyrene Shower Ramp (Schluter® SR-122)	175.76	
09 34 00 00-0008	EA	4-1/2" Width, 6" Height, 48" Length, Prefabricated Polystyrene Shower Curb (Schluter® SC-122)	167.07	
09 34 00 00-0009		Prefabricated Polystyrene Shower Benches *(09 34 00 00-0001)*		
		Note: Prefabricated shower bench for tiling over. Excludes tile.		
09 34 00 00-0010	EA	16" Width, 16" Depth, 20" Height, Triangular Prefabricated Polystyrene Shower Bench (Schluter® SB41)	354.64	
09 34 00 00-0011	EA	32" Width, 16" Depth, 20" Height, Rectangular Prefabricated Polystyrene Shower Bench (Schluter® SB4181)	709.35	
09 34 00 00-0012	EA	48" Width, 16" Depth, 20" Height, Rectangular Prefabricated Polystyrene Shower Bench (Schluter® SB41122)	874.88	
09 34 00 00-0013	EA	32" Width, 11-1/2" Depth, 20" Height, Rectangular Prefabricated Polystyrene Shower Bench (Schluter® SB2981)	638.41	
09 34 00 00-0014	EA	42" Width, 11-1/2" Depth, 20" Height, Rectangular Prefabricated Polystyrene Shower Bench (Schluter® SB29107)	709.35	
09 34 00 00-0015	EA	48" Width, 11-1/2" Depth, 20" Height, Rectangular Prefabricated Polystyrene Shower Bench (Schluter® SB29122)	756.64	
09 34 00 00-0016		Prefabricated Polystyrene Shower Tray *(09 34 00 00-0001)*		
		Note: Prefabricated shower tray for tiling over. Excludes tile.		
09 34 00 00-0017	EA	32" x 60", Prefabricated Polystyrene Shower Tray (Schluter® ST-81/152)	305.82	
09 34 00 00-0018	EA	48" x 48", Prefabricated Polystyrene Shower Tray (Schluter® ST-122)	305.82	
09 34 00 00-0019	EA	72" x 72", Prefabricated Polystyrene Shower Tray (Schluter® ST-183)	471.35	
09 34 00 00-0020		Waterproofing, Uncoupling And Vapor Management Membranes (Schluter® DITRA) *(09 34 00 00-0001)*		
09 34 00 00-0021	SF	1/8" Thick, High-Density Polyethylene Membrane With Grid Structure And Underside Anchoring Fleece, Waterproofing, Uncoupling And Vapor Management Membrane (Schluter® DITRA)	5.38	
09 34 00 00-0022	SF	5/16" Thick, High-Density Polyethylene Membrane With Grid Structure And Underside Anchoring Fleece, Waterproofing, Uncoupling And Vapor Management Membrane (Schluter® DITRA-XL)	6.20	
09 34 00 00-0023		Bonded Waterproof Underlayment Membranes (Schluter® KERDI) *(09 34 00 00-0001)*		
09 34 00 00-0024	SF	0.008" Polyethylene Membrane With Polypropylene Fleece Laminated On Both Sides, Bonded Waterproof Underlayment Membrane (Schluter® KERDI 200/5M)	4.74	

09 35 Chemical-Resistant Tiling *(09 30)*

Note: Tile setting methods in this section are used with ceramic or quarry tile materials as applicable, for a complete installation.

09 35 13 Chemical-Resistant Ceramic Tiling *(09 35)*

09 35 13 00-0001		Chemical-Resistant Ceramic Tiling *(09 35 13)*		
09 35 13 00-0002	SF	Thin Set - Epoxy Mortar	6.26	1.52
		Note: Impact and chemical resistant.		
		For Up To 50, Add	*3.30*	
		For >50 To 250, Add	*0.46*	
		For >1,000, Deduct	*-0.23*	

09 39 Tiling Transitions *(09 30)*

09 39 00 00-0001		Tile Substrate (Schluter® KERDI BOARD) *(09 39)*		
09 39 00 00-0002	SF	1/2" Tile Substrate And Building Panel (Schluter® KERDI BOARD)	9.37	0.84
09 39 00 00-0003	SF	5/8" Tile Substrate And Building Panel (Schluter® KERDI BOARD)	10.56	0.96
09 39 00 00-0004		Floor Edge Protection And Transition Profiles For Tile *(09 39)*		
09 39 00 00-0005	LF	1/4" Height, Aluminum Edge Protection Trim For Tile (Schluter® SCHIENE)	4.26	
09 39 00 00-0006	LF	5/16" Height, Aluminum Edge Protection Trim For Tile (Schluter® SCHIENE)	4.38	
09 39 00 00-0007	LF	3/8" Height, Aluminum Edge Protection Trim For Tile (Schluter® SCHIENE)	4.51	
09 39 00 00-0008	LF	1/2" Height, Aluminum Edge Protection Trim For Tile (Schluter® SCHIENE)	4.73	
09 39 00 00-0009	LF	1/4" Height, Curved Aluminum Edge Protection Trim For Tile (Schluter® SCHIENE-RADIUS)	5.60	
09 39 00 00-0010	LF	5/16" Height, Curved Aluminum Edge Protection Trim For Tile (Schluter® SCHIENE-RADIUS)	5.77	
09 39 00 00-0011	LF	3/8" Height, Curved Aluminum Edge Protection Trim For Tile (Schluter® SCHIENE-RADIUS)	5.90	
09 39 00 00-0012	LF	1/2" Height, Curved Aluminum Edge Protection Trim For Tile (Schluter® SCHIENE-RADIUS)	6.03	
09 39 00 00-0013	LF	9/16" Height, Aluminum Transition Trim For Tile (Schluter® RENO-T)	4.46	
09 39 00 00-0014	LF	1" Height, Aluminum Transition Trim For Tile (Schluter® RENO-T)	6.03	
09 39 00 00-0015	LF	1/4" Height, Aluminum Transition Trim For Tile (Schluter® RENO-TK)	5.63	
09 39 00 00-0016	LF	5/16" Height, Aluminum Transition Trim For Tile (Schluter® RENO-TK)	5.91	
09 39 00 00-0017	LF	3/8" Height, Aluminum Transition Trim For Tile (Schluter® RENO-TK)	6.19	
09 39 00 00-0018	LF	1/2" Height, Aluminum Transition Trim For Tile (Schluter® RENO-TK)	7.45	
09 39 00 00-0019	LF	5/16" Height, Aluminum Transition Trim For Tile (Schluter® RENO-U)	5.81	
09 39 00 00-0020	LF	3/8" Height, Aluminum Transition Trim For Tile (Schluter® RENO-U)	6.10	
09 39 00 00-0021	LF	1/2" Height, Aluminum Transition Trim For Tile (Schluter® RENO-U)	7.36	
09 39 00 00-0022		Outside Wall Edge Protection And Transition Profiles For Tile *(09 39)*		
09 39 00 00-0023	LF	1/4" Height, Aluminum Edge Protection Trim For Tile (Schluter® QUADEC)	5.79	
09 39 00 00-0024	LF	5/16" Height, Aluminum Edge Protection Trim For Tile (Schluter® QUADEC)	6.08	
09 39 00 00-0025	LF	3/8" Height, Aluminum Edge Protection Trim For Tile (Schluter® QUADEC)	6.52	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 39 00 00-0026	LF	1/2" Height, Aluminum Edge Protection Trim For Tile (Schluter® QUADEC)	6.96	
09 39 00 00-0027	LF	1/4" Height, Aluminum Edge Protection Trim For Tile (Schluter® RONDEC)	6.38	
09 39 00 00-0028	LF	5/16" Height, Aluminum Edge Protection Trim For Tile (Schluter® RONDEC)	6.94	
09 39 00 00-0029	LF	3/8" Height, Aluminum Edge Protection Trim For Tile (Schluter® RONDEC)	7.50	
09 39 00 00-0030	LF	1/2" Height, Aluminum Edge Protection Trim For Tile (Schluter® RONDEC)	8.48	

09 50 Ceilings *(09)*

Note: Includes cutting for area around columns, speakers, sprinklers, diffusers, etc.

09 51 Acoustical Ceilings *(09 50)*

Note: Excludes suspension system. See CSI section 09 53 00 00-0000 for suspension systems.

09 51 13 Acoustical Panel Ceilings *(09 51)*

Note: Includes cutting around sprinkler heads, speakers, or other penetrations through the ceiling.

09 51 13 00-0001 Fiberglass Panels *(09 51 13)*

09 51 13 00-0002 Fiberglass Acoustical Panels *(09 51 13 00-0001)*

Note: Includes square or tegular edge and class A fire rating.

09 51 13 00-0003	SF	2' x 2' x 3/4" Thick, Square Edge, Fiberglass Acoustical Ceiling Panel (Armstrong Optima®)	8.05	0.47
		For Up To 50, Add	*1.83*	
		For >50 To 200, Add	*1.12*	
		For >200 To 500, Add	*0.48*	
		For >2,500 To 4,000, Deduct	*-0.20*	
		For >4,000 To 5,000, Deduct	*-0.40*	
		For >5,000, Deduct	*-0.64*	
		For Individual Room Quantities <495, Add	*1.12*	
		Note: For use with projects >500 SF		
		For Scored Acoustical Tile, Add	*0.25*	
		For Ceilings >10' High, Add	*0.12*	
09 51 13 00-0004	SF	2' x 4' x 3/4" Thick, Square Edge, Fiberglass Acoustical Ceiling Panel (Armstrong Optima®)	8.00	0.47
		For Up To 50, Add	*1.82*	
		For >50 To 200, Add	*1.11*	
		For >200 To 500, Add	*0.48*	
		For >2,500 To 4,000, Deduct	*-0.20*	
		For >4,000 To 5,000, Deduct	*-0.40*	
		For >5,000, Deduct	*-0.64*	
		For Individual Room Quantities <495, Add	*1.11*	
		Note: For use with projects >500 SF		
		For Scored Acoustical Tile, Add	*0.25*	
		For Ceilings >10' High, Add	*0.12*	
09 51 13 00-0005	SF	2' x 2' x 1" Thick, Square Edge, Fiberglass Acoustical Ceiling Panel (Armstrong Optima®)	8.50	0.59
		For Up To 50, Add	*1.94*	
		For >50 To 200, Add	*1.18*	
		For >200 To 500, Add	*0.51*	
		For >2,500 To 4,000, Deduct	*-0.21*	
		For >4,000 To 5,000, Deduct	*-0.43*	
		For >5,000, Deduct	*-0.68*	
		For Individual Room Quantities <495, Add	*1.18*	
		Note: For use with projects >500 SF		
		For Scored Acoustical Tile, Add	*0.25*	
		For Ceilings >10' High, Add	*0.12*	
09 51 13 00-0006	SF	2' x 4' x 1" Thick, Square Edge, Fiberglass Acoustical Ceiling Panel (Armstrong Optima®)	8.59	0.59
		For Up To 50, Add	*1.95*	
		For >50 To 200, Add	*1.19*	
		For >200 To 500, Add	*0.51*	
		For >2,500 To 4,000, Deduct	*-0.21*	
		For >4,000 To 5,000, Deduct	*-0.43*	
		For >5,000, Deduct	*-0.69*	
		For Individual Room Quantities <495, Add	*1.19*	
		Note: For use with projects >500 SF		
		For Scored Acoustical Tile, Add	*0.25*	
		For Ceilings >10' High, Add	*0.12*	
09 51 13 00-0007	SF	2' x 2' x 1" Thick, Square or Beveled Tegular Edge, Fiberglass Acoustical Ceiling Panel (Armstrong Optima® 3352, 3354, and 3355)	8.82	0.59
		For Up To 50, Add	*1.99*	
		For >50 To 200, Add	*1.21*	
		For >200 To 500, Add	*0.52*	
		For >2,500 To 4,000, Deduct	*-0.22*	
		For >4,000 To 5,000, Deduct	*-0.44*	
		For >5,000, Deduct	*-0.70*	
		For Individual Room Quantities <495, Add	*1.21*	
		Note: For use with projects >500 SF		
		For Scored Acoustical Tile, Add	*0.25*	
		For Ceilings >10' High, Add	*0.12*	
09 51 13 00-0008	SF	2' x 4' x 1" Thick, Square Edge, Fiberglass Acoustical Ceiling Panel (Armstrong Optima® 3353)	8.81	0.59
		For Up To 50, Add	*1.99*	
		For >50 To 200, Add	*1.21*	
		For >200 To 500, Add	*0.52*	
		For >2,500 To 4,000, Deduct	*-0.22*	
		For >4,000 To 5,000, Deduct	*-0.44*	
		For >5,000, Deduct	*-0.70*	
		For Individual Room Quantities <495, Add	*1.21*	
		Note: For use with projects >500 SF		
		For Scored Acoustical Tile, Add	*0.25*	
		For Ceilings >10' High, Add	*0.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 51 13 00-0009	SF	2' x 2' x 1" Thick, Square Edge, Fiberglass Acoustical Ceiling Panel (Armstrong Lyra™)	9.18	0.59
		For Up To 50, Add	*2.04*	
		For >50 To 200, Add	*1.25*	
		For >200 To 500, Add	*0.54*	
		For >2,500 To 4,000, Deduct	*-0.23*	
		For >4,000 To 5,000, Deduct	*-0.46*	
		For >5,000, Deduct	*-0.73*	
		For Individual Room Quantities <495, Add	*1.25*	
		Note: For use with projects >500 SF		
		For Scored Acoustical Tile, Add	*0.25*	
		For Ceilings >10' High, Add	*0.12*	
09 51 13 00-0010	SF	2' x 4' x 1" Thick, Square Edge, Fiberglass Acoustical Ceiling Panel (Armstrong Lyra™)	9.17	0.59
		For Up To 50, Add	*2.04*	
		For >50 To 200, Add	*1.25*	
		For >200 To 500, Add	*0.54*	
		For >2,500 To 4,000, Deduct	*-0.23*	
		For >4,000 To 5,000, Deduct	*-0.46*	
		For >5,000, Deduct	*-0.73*	
		For Individual Room Quantities <495, Add	*1.25*	
		Note: For use with projects >500 SF		
		For Scored Acoustical Tile, Add	*0.25*	
		For Ceilings >10' High, Add	*0.12*	
09 51 13 00-0011		Mineral Fiber Panels *(09 51 13)*		
09 51 13 00-0012		Mineral Fiber Acoustical Ceiling Panels *(09 51 13 00-0011)*		
		Note: Includes square or tegular edge and class A fire rating.		
09 51 13 00-0013	SF	2' x 2' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Cortega)	2.70	0.47
		For Up To 50, Add	*1.03*	
		For >50 To 200, Add	*0.58*	
		For >200 To 500, Add	*0.21*	
		For >2,500 To 4,000, Deduct	*-0.07*	
		For >4,000 To 5,000, Deduct	*-0.14*	
		For >5,000, Deduct	*-0.24*	
		For Individual Room Quantities <495, Add	*0.58*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.70*	
		For Ceilings >10' High, Add	*0.12*	
09 51 13 00-0014	SF	2' x 4' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Cortega)	2.68	0.71
		For Up To 50, Add	*1.02*	
		For >50 To 200, Add	*0.58*	
		For >200 To 500, Add	*0.21*	
		For >2,500 To 4,000, Deduct	*-0.07*	
		For >4,000 To 5,000, Deduct	*-0.13*	
		For >5,000, Deduct	*-0.24*	
		For Individual Room Quantities <495, Add	*0.58*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.70*	
		For Ceilings >10' High, Add	*0.12*	
09 51 13 00-0015	SF	2' x 2' x 5/8" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Cortega)	2.96	0.47
		For Up To 50, Add	*1.06*	
		For >50 To 200, Add	*0.61*	
		For >200 To 500, Add	*0.23*	
		For >2,500 To 4,000, Deduct	*-0.07*	
		For >4,000 To 5,000, Deduct	*-0.15*	
		For >5,000, Deduct	*-0.26*	
		For Individual Room Quantities <495, Add	*0.61*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.70*	
		For Ceilings >10' High, Add	*0.12*	
09 51 13 00-0016	SF	2' x 4' x 5/8" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Cortega)	2.96	0.47
		For Up To 50, Add	*1.06*	
		For >50 To 200, Add	*0.61*	
		For >200 To 500, Add	*0.23*	
		For >2,500 To 4,000, Deduct	*-0.07*	
		For >4,000 To 5,000, Deduct	*-0.15*	
		For >5,000, Deduct	*-0.26*	
		For Individual Room Quantities <495, Add	*0.61*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.70*	
		For Ceilings >10' High, Add	*0.12*	
09 51 13 00-0017	SF	2' x 2' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Cortega Fire Guard)	3.17	0.71
		For Up To 50, Add	*1.10*	
		For >50 To 200, Add	*0.63*	
		For >200 To 500, Add	*0.24*	
		For >2,500 To 4,000, Deduct	*-0.08*	
		For >4,000 To 5,000, Deduct	*-0.16*	
		For >5,000, Deduct	*-0.28*	
		For Individual Room Quantities <495, Add	*0.63*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.70*	
		For Ceilings >10' High, Add	*0.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 51 13 00-0018	SF	2' x 4' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Cortega Fire Guard)	3.18	0.71
		For Up To 50, Add	*1.10*	
		For >50 To 200, Add	*0.63*	
		For >200 To 500, Add	*0.24*	
		For >2,500 To 4,000, Deduct	*-0.08*	
		For >4,000 To 5,000, Deduct	*-0.16*	
		For >5,000, Deduct	*-0.28*	
		For Individual Room Quantities <495, Add	*0.63*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.70*	
		For Ceilings >10' High, Add	*0.12*	
09 51 13 00-0019	SF	2' x 2' x 5/8" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Cortega Fire Guard)	3.45	0.71
		For Up To 50, Add	*1.14*	
		For >50 To 200, Add	*0.66*	
		For >200 To 500, Add	*0.25*	
		For >2,500 To 4,000, Deduct	*-0.09*	
		For >4,000 To 5,000, Deduct	*-0.17*	
		For >5,000, Deduct	*-0.30*	
		For Individual Room Quantities <495, Add	*0.66*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.70*	
		For Ceilings >10' High, Add	*0.12*	
09 51 13 00-0020	SF	2' x 2' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Designer)	2.94	0.47
		For Up To 50, Add	*1.06*	
		For >50 To 200, Add	*0.60*	
		For >200 To 500, Add	*0.22*	
		For >2,500 To 4,000, Deduct	*-0.07*	
		For >4,000 To 5,000, Deduct	*-0.15*	
		For >5,000, Deduct	*-0.26*	
		For Individual Room Quantities <495, Add	*0.60*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.70*	
		For Ceilings >10' High, Add	*0.12*	
09 51 13 00-0021	SF	2' x 4' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Designer)	2.93	0.71
		For Up To 50, Add	*1.06*	
		For >50 To 200, Add	*0.60*	
		For >200 To 500, Add	*0.22*	
		For >2,500 To 4,000, Deduct	*-0.07*	
		For >4,000 To 5,000, Deduct	*-0.15*	
		For >5,000, Deduct	*-0.26*	
		For Individual Room Quantities <495, Add	*0.60*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.70*	
		For Ceilings >10' High, Add	*0.12*	
09 51 13 00-0022	SF	2' x 2' x 5/8" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Designer)	3.35	0.47
		For Up To 50, Add	*1.12*	
		For >50 To 200, Add	*0.65*	
		For >200 To 500, Add	*0.25*	
		For >2,500 To 4,000, Deduct	*-0.08*	
		For >4,000 To 5,000, Deduct	*-0.17*	
		For >5,000, Deduct	*-0.29*	
		For Individual Room Quantities <495, Add	*0.65*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.70*	
		For Ceilings >10' High, Add	*0.12*	
09 51 13 00-0023	SF	2' x 2' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Fissured)	2.70	0.47
		For Up To 50, Add	*1.03*	
		For >50 To 200, Add	*0.58*	
		For >200 To 500, Add	*0.21*	
		For >2,500 To 4,000, Deduct	*-0.07*	
		For >4,000 To 5,000, Deduct	*-0.14*	
		For >5,000, Deduct	*-0.24*	
		For Individual Room Quantities <495, Add	*0.58*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.70*	
		For Ceilings >10' High, Add	*0.12*	
09 51 13 00-0024	SF	2' x 4' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Fissured)	2.68	0.47
		For Up To 50, Add	*1.02*	
		For >50 To 200, Add	*0.58*	
		For >200 To 500, Add	*0.21*	
		For >2,500 To 4,000, Deduct	*-0.07*	
		For >4,000 To 5,000, Deduct	*-0.13*	
		For >5,000, Deduct	*-0.24*	
		For Individual Room Quantities <495, Add	*0.58*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.70*	
		For Ceilings >10' High, Add	*0.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 51 13 00-0025	SF	2' x 2' x 5/8" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Fissured)	2.96	0.47
		For Up To 50, Add	*1.06*	
		For >50 To 200, Add	*0.61*	
		For >200 To 500, Add	*0.23*	
		For >2,500 To 4,000, Deduct	*-0.07*	
		For >4,000 To 5,000, Deduct	*-0.15*	
		For >5,000, Deduct	*-0.26*	
		For Individual Room Quantities <495, Add	*0.61*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.70*	
		For Ceilings >10' High, Add	*0.12*	
09 51 13 00-0026	SF	2' x 2' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Fine Fissured)	2.72	0.47
		For Up To 50, Add	*1.03*	
		For >50 To 200, Add	*0.58*	
		For >200 To 500, Add	*0.21*	
		For >2,500 To 4,000, Deduct	*-0.07*	
		For >4,000 To 5,000, Deduct	*-0.14*	
		For >5,000, Deduct	*-0.24*	
		For Individual Room Quantities <495, Add	*0.58*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.70*	
		For Ceilings >10' High, Add	*0.12*	
09 51 13 00-0027	SF	2' x 4' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Fine Fissured)	2.71	0.47
		For Up To 50, Add	*1.03*	
		For >50 To 200, Add	*0.58*	
		For >200 To 500, Add	*0.21*	
		For >2,500 To 4,000, Deduct	*-0.07*	
		For >4,000 To 5,000, Deduct	*-0.14*	
		For >5,000, Deduct	*-0.24*	
		For Individual Room Quantities <495, Add	*0.58*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.70*	
		For Ceilings >10' High, Add	*0.12*	
09 51 13 00-0028	SF	2' x 2' x 5/8" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Fine Fissured)	3.10	0.47
		For Up To 50, Add	*1.09*	
		For >50 To 200, Add	*0.62*	
		For >200 To 500, Add	*0.23*	
		For >2,500 To 4,000, Deduct	*-0.08*	
		For >4,000 To 5,000, Deduct	*-0.16*	
		For >5,000, Deduct	*-0.27*	
		For Individual Room Quantities <495, Add	*0.62*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.70*	
		For Ceilings >10' High, Add	*0.12*	
09 51 13 00-0029	SF	2' x 4' x 5/8" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Fine Fissured)	3.10	0.47
		For Up To 50, Add	*1.09*	
		For >50 To 200, Add	*0.62*	
		For >200 To 500, Add	*0.23*	
		For >2,500 To 4,000, Deduct	*-0.08*	
		For >4,000 To 5,000, Deduct	*-0.16*	
		For >5,000, Deduct	*-0.27*	
		For Individual Room Quantities <495, Add	*0.62*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.70*	
		For Ceilings >10' High, Add	*0.12*	
09 51 13 00-0030	SF	2' x 2' x 3/4" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Fine Fissured)	3.25	0.47
		For Up To 50, Add	*1.11*	
		For >50 To 200, Add	*0.64*	
		For >200 To 500, Add	*0.24*	
		For >2,500 To 4,000, Deduct	*-0.08*	
		For >4,000 To 5,000, Deduct	*-0.16*	
		For >5,000, Deduct	*-0.28*	
		For Individual Room Quantities <495, Add	*0.64*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.70*	
		For Ceilings >10' High, Add	*0.12*	
09 51 13 00-0031	SF	2' x 4' x 3/4" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Fine Fissured)	3.80	0.47
		For Up To 50, Add	*1.19*	
		For >50 To 200, Add	*0.69*	
		For >200 To 500, Add	*0.27*	
		For >2,500 To 4,000, Deduct	*-0.10*	
		For >4,000 To 5,000, Deduct	*-0.19*	
		For >5,000, Deduct	*-0.32*	
		For Individual Room Quantities <495, Add	*0.69*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.70*	
		For Ceilings >10' High, Add	*0.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 51 13 00-0032	SF	2' x 2' x 3/4" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Fine Fissured)	3.17	0.47
		For Up To 50, Add	*1.10*	
		For >50 To 200, Add	*0.63*	
		For >200 To 500, Add	*0.24*	
		For >2,500 To 4,000, Deduct	*-0.08*	
		For >4,000 To 5,000, Deduct	*-0.16*	
		For >5,000, Deduct	*-0.28*	
		For Individual Room Quantities <495, Add	*0.63*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.70*	
		For Ceilings >10' High, Add	*0.12*	
09 51 13 00-0033	SF	2' x 4' x 3/4" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Fine Fissured)	3.82	0.47
		For Up To 50, Add	*1.19*	
		For >50 To 200, Add	*0.69*	
		For >200 To 500, Add	*0.27*	
		For >2,500 To 4,000, Deduct	*-0.10*	
		For >4,000 To 5,000, Deduct	*-0.19*	
		For >5,000, Deduct	*-0.33*	
		For Individual Room Quantities <495, Add	*0.69*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.70*	
		For Ceilings >10' High, Add	*0.12*	
09 51 13 00-0034	SF	30" x 60"' x 3/4" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Fine Fissured)	2.98	0.47
		For Up To 50, Add	*1.07*	
		For >50 To 200, Add	*0.61*	
		For >200 To 500, Add	*0.23*	
		For >2,500 To 4,000, Deduct	*-0.07*	
		For >4,000 To 5,000, Deduct	*-0.15*	
		For >5,000, Deduct	*-0.26*	
		For Individual Room Quantities <495, Add	*0.61*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.70*	
		For Ceilings >10' High, Add	*0.12*	
09 51 13 00-0035	SF	2' x 2' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Fine Fissured Fire Guard)	3.25	0.71
		For Up To 50, Add	*1.11*	
		For >50 To 200, Add	*0.64*	
		For >200 To 500, Add	*0.24*	
		For >2,500 To 4,000, Deduct	*-0.08*	
		For >4,000 To 5,000, Deduct	*-0.16*	
		For >5,000, Deduct	*-0.28*	
		For Individual Room Quantities <495, Add	*0.64*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.70*	
		For Ceilings >10' High, Add	*0.12*	
09 51 13 00-0036	SF	2' x 4' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Fine Fissured Fire Guard)	3.19	0.71
		For Up To 50, Add	*1.10*	
		For >50 To 200, Add	*0.63*	
		For >200 To 500, Add	*0.24*	
		For >2,500 To 4,000, Deduct	*-0.08*	
		For >4,000 To 5,000, Deduct	*-0.16*	
		For >5,000, Deduct	*-0.28*	
		For Individual Room Quantities <495, Add	*0.63*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.70*	
		For Ceilings >10' High, Add	*0.12*	
09 51 13 00-0037	SF	2' x 2' x 5/8" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Fine Fissured Fire Guard)	3.58	0.71
		For Up To 50, Add	*1.16*	
		For >50 To 200, Add	*0.67*	
		For >200 To 500, Add	*0.26*	
		For >2,500 To 4,000, Deduct	*-0.09*	
		For >4,000 To 5,000, Deduct	*-0.18*	
		For >5,000, Deduct	*-0.31*	
		For Individual Room Quantities <495, Add	*0.67*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.70*	
		For Ceilings >10' High, Add	*0.12*	
09 51 13 00-0038	SF	2' x 4' x 5/8" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Fine Fissured Fire Guard)	3.58	0.71
		For Up To 50, Add	*1.16*	
		For >50 To 200, Add	*0.67*	
		For >200 To 500, Add	*0.26*	
		For >2,500 To 4,000, Deduct	*-0.09*	
		For >4,000 To 5,000, Deduct	*-0.18*	
		For >5,000, Deduct	*-0.31*	
		For Individual Room Quantities <495, Add	*0.67*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.70*	
		For Ceilings >10' High, Add	*0.12*	
09 51 13 00-0039	SF	2' x 2' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Ceramaguard Fine Fissured)	8.37	0.84
		For Vertical Application, Add	*0.70*	
		For Ceilings >10' High, Add	*0.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 51 13 00-0040	SF	2' x 2' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Georgian™)	3.42	0.47
		For Up To 50, Add	*1.13*	
		For >50 To 200, Add	*0.65*	
		For >200 To 500, Add	*0.25*	
		For >2,500 To 4,000, Deduct	*-0.09*	
		For >4,000 To 5,000, Deduct	*-0.17*	
		For >5,000, Deduct	*-0.30*	
		For Individual Room Quantities <495, Add	*0.65*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.70*	
		For Ceilings >10' High, Add	*0.12*	
09 51 13 00-0041	SF	2' x 4' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Georgian™)	3.41	0.47
		For Up To 50, Add	*1.13*	
		For >50 To 200, Add	*0.65*	
		For >200 To 500, Add	*0.25*	
		For >2,500 To 4,000, Deduct	*-0.09*	
		For >4,000 To 5,000, Deduct	*-0.17*	
		For >5,000, Deduct	*-0.29*	
		For Individual Room Quantities <495, Add	*0.65*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.70*	
		For Ceilings >10' High, Add	*0.12*	
09 51 13 00-0042	SF	2' x 4' x 3/4" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Georgian™)	3.98	0.47
		For Up To 50, Add	*1.22*	
		For >50 To 200, Add	*0.71*	
		For >200 To 500, Add	*0.28*	
		For >2,500 To 4,000, Deduct	*-0.10*	
		For >4,000 To 5,000, Deduct	*-0.20*	
		For >5,000, Deduct	*-0.34*	
		For Individual Room Quantities <495, Add	*0.71*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.70*	
		For Ceilings >10' High, Add	*0.12*	
09 51 13 00-0043	SF	2' x 2' x 5/8" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Georgian™)	3.65	0.47
		For Up To 50, Add	*1.17*	
		For >50 To 200, Add	*0.68*	
		For >200 To 500, Add	*0.26*	
		For >2,500 To 4,000, Deduct	*-0.09*	
		For >4,000 To 5,000, Deduct	*-0.18*	
		For >5,000, Deduct	*-0.31*	
		For Individual Room Quantities <495, Add	*0.68*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.70*	
		For Ceilings >10' High, Add	*0.12*	
09 51 13 00-0044	SF	2' x 2' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Dune)	3.60	0.47
		For Up To 50, Add	*1.16*	
		For >50 To 200, Add	*0.67*	
		For >200 To 500, Add	*0.26*	
		For >2,500 To 4,000, Deduct	*-0.09*	
		For >4,000 To 5,000, Deduct	*-0.18*	
		For >5,000, Deduct	*-0.31*	
		For Individual Room Quantities <495, Add	*0.67*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.70*	
		For Ceilings >10' High, Add	*0.12*	
09 51 13 00-0045	SF	2' x 4' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Dune)	3.60	0.47
		For Up To 50, Add	*1.16*	
		For >50 To 200, Add	*0.67*	
		For >200 To 500, Add	*0.26*	
		For >2,500 To 4,000, Deduct	*-0.09*	
		For >4,000 To 5,000, Deduct	*-0.18*	
		For >5,000, Deduct	*-0.31*	
		For Individual Room Quantities <495, Add	*0.67*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.70*	
		For Ceilings >10' High, Add	*0.12*	
09 51 13 00-0046	SF	2' x 2' x 5/8" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Dune)	3.78	0.47
		For Up To 50, Add	*1.19*	
		For >50 To 200, Add	*0.69*	
		For >200 To 500, Add	*0.27*	
		For >2,500 To 4,000, Deduct	*-0.09*	
		For >4,000 To 5,000, Deduct	*-0.19*	
		For >5,000, Deduct	*-0.32*	
		For Individual Room Quantities <495, Add	*0.69*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.70*	
		For Ceilings >10' High, Add	*0.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 51 13 00-0047	SF	2' x 4' x 5/8" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Dune)	3.92	0.47
		For Up To 50, Add	*1.21*	
		For >50 To 200, Add	*0.70*	
		For >200 To 500, Add	*0.27*	
		For >2,500 To 4,000, Deduct	*-0.10*	
		For >4,000 To 5,000, Deduct	*-0.20*	
		For >5,000, Deduct	*-0.33*	
		For Individual Room Quantities <495, Add	*0.70*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.70*	
		For Ceilings >10' High, Add	*0.12*	
09 51 13 00-0048	SF	2' x 2' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Dune Fire Guard)	4.13	0.47
		For Up To 50, Add	*1.24*	
		For >50 To 200, Add	*0.72*	
		For >200 To 500, Add	*0.28*	
		For >2,500 To 4,000, Deduct	*-0.10*	
		For >4,000 To 5,000, Deduct	*-0.21*	
		For >5,000, Deduct	*-0.35*	
		For Individual Room Quantities <495, Add	*0.72*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.70*	
		For Ceilings >10' High, Add	*0.12*	
09 51 13 00-0049	SF	2' x 4' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Dune Fire Guard)	4.10	0.47
		For Up To 50, Add	*1.24*	
		For >50 To 200, Add	*0.72*	
		For >200 To 500, Add	*0.28*	
		For >2,500 To 4,000, Deduct	*-0.10*	
		For >4,000 To 5,000, Deduct	*-0.21*	
		For >5,000, Deduct	*-0.35*	
		For Individual Room Quantities <495, Add	*0.72*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.70*	
		For Ceilings >10' High, Add	*0.12*	
09 51 13 00-0050	SF	2' x 2' x 3/4" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Mesa)	3.99	0.71
		For Up To 50, Add	*1.22*	
		For >50 To 200, Add	*0.71*	
		For >200 To 500, Add	*0.28*	
		For >2,500 To 4,000, Deduct	*-0.10*	
		For >4,000 To 5,000, Deduct	*-0.20*	
		For >5,000, Deduct	*-0.34*	
		For Individual Room Quantities <495, Add	*0.71*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.70*	
		For Ceilings >10' High, Add	*0.12*	
09 51 13 00-0051	SF	2' x 4' x 3/4" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Mesa)	3.98	0.71
		For Up To 50, Add	*1.22*	
		For >50 To 200, Add	*0.71*	
		For >200 To 500, Add	*0.28*	
		For >2,500 To 4,000, Deduct	*-0.10*	
		For >4,000 To 5,000, Deduct	*-0.20*	
		For >5,000, Deduct	*-0.34*	
		For Individual Room Quantities <495, Add	*0.71*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.70*	
		For Ceilings >10' High, Add	*0.12*	
09 51 13 00-0052	SF	2' x 2' x 3/4" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Mesa)	4.30	0.47
		For Up To 50, Add	*1.27*	
		For >50 To 200, Add	*0.74*	
		For >200 To 500, Add	*0.29*	
		For >2,500 To 4,000, Deduct	*-0.11*	
		For >4,000 To 5,000, Deduct	*-0.22*	
		For >5,000, Deduct	*-0.36*	
		For Individual Room Quantities <495, Add	*0.74*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.70*	
		For Ceilings >10' High, Add	*0.12*	
09 51 13 00-0053	SF	2' x 4' x 3/4" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Mesa)	4.21	0.47
		For Up To 50, Add	*1.25*	
		For >50 To 200, Add	*0.73*	
		For >200 To 500, Add	*0.29*	
		For >2,500 To 4,000, Deduct	*-0.11*	
		For >4,000 To 5,000, Deduct	*-0.21*	
		For >5,000, Deduct	*-0.35*	
		For Individual Room Quantities <495, Add	*0.73*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.70*	
		For Ceilings >10' High, Add	*0.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 51 13 00-0054	SF	2' x 2' x 3/4" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Cirrus)	5.13	0.71
		For Up To 50, Add	*1.39*	
		For >50 To 200, Add	*0.82*	
		For >200 To 500, Add	*0.33*	
		For >2,500 To 4,000, Deduct	*-0.13*	
		For >4,000 To 5,000, Deduct	*-0.26*	
		For >5,000, Deduct	*-0.42*	
		For Individual Room Quantities <495, Add	*0.82*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.70*	
		For Ceilings >10' High, Add	*0.12*	
09 51 13 00-0055	SF	2' x 4' x 3/4" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Cirrus)	5.09	0.71
		For Up To 50, Add	*1.38*	
		For >50 To 200, Add	*0.82*	
		For >200 To 500, Add	*0.33*	
		For >2,500 To 4,000, Deduct	*-0.13*	
		For >4,000 To 5,000, Deduct	*-0.25*	
		For >5,000, Deduct	*-0.42*	
		For Individual Room Quantities <495, Add	*0.82*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.70*	
		For Ceilings >10' High, Add	*0.12*	
09 51 13 00-0056	SF	2' x 2' x 3/4" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Cirrus)	5.13	0.71
		For Up To 50, Add	*1.39*	
		For >50 To 200, Add	*0.82*	
		For >200 To 500, Add	*0.33*	
		For >2,500 To 4,000, Deduct	*-0.13*	
		For >4,000 To 5,000, Deduct	*-0.26*	
		For >5,000, Deduct	*-0.42*	
		For Individual Room Quantities <495, Add	*0.82*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.70*	
		For Ceilings >10' High, Add	*0.12*	
09 51 13 00-0057	SF	2' x 4' x 3/4" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Cirrus)	5.09	0.71
		For Up To 50, Add	*1.38*	
		For >50 To 200, Add	*0.82*	
		For >200 To 500, Add	*0.33*	
		For >2,500 To 4,000, Deduct	*-0.13*	
		For >4,000 To 5,000, Deduct	*-0.25*	
		For >5,000, Deduct	*-0.42*	
		For Individual Room Quantities <495, Add	*0.82*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.70*	
		For Ceilings >10' High, Add	*0.12*	
09 51 13 00-0058	SF	2' x 4' x 3/4" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Cirrus Second Look)	5.61	0.47
		For Up To 50, Add	*1.46*	
		For >50 To 200, Add	*0.87*	
		For >200 To 500, Add	*0.36*	
		For >2,500 To 4,000, Deduct	*-0.14*	
		For >4,000 To 5,000, Deduct	*-0.28*	
		For >5,000, Deduct	*-0.46*	
		For Individual Room Quantities <495, Add	*0.87*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.70*	
		For Ceilings >10' High, Add	*0.12*	
09 51 13 00-0059	SF	2' x 2' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Tundra)	5.57	0.71
		For Up To 50, Add	*1.46*	
		For >50 To 200, Add	*0.87*	
		For >200 To 500, Add	*0.36*	
		For >2,500 To 4,000, Deduct	*-0.14*	
		For >4,000 To 5,000, Deduct	*-0.28*	
		For >5,000, Deduct	*-0.46*	
		For Individual Room Quantities <495, Add	*0.87*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.70*	
		For Ceilings >10' High, Add	*0.12*	
09 51 13 00-0060	SF	2' x 4' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Tundra)	5.56	0.71
		For Up To 50, Add	*1.45*	
		For >50 To 200, Add	*0.87*	
		For >200 To 500, Add	*0.36*	
		For >2,500 To 4,000, Deduct	*-0.14*	
		For >4,000 To 5,000, Deduct	*-0.28*	
		For >5,000, Deduct	*-0.46*	
		For Individual Room Quantities <495, Add	*0.87*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.70*	
		For Ceilings >10' High, Add	*0.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 51 13 00-0061	SF	2' x 2' x 5/8" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Tundra)	6.00	0.47
		For Up To 50, Add	*1.52*	
		For >50 To 200, Add	*0.91*	
		For >200 To 500, Add	*0.38*	
		For >2,500 To 4,000, Deduct	*-0.15*	
		For >4,000 To 5,000, Deduct	*-0.30*	
		For >5,000, Deduct	*-0.49*	
		For Individual Room Quantities <495, Add	*0.91*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.70*	
		For Ceilings >10' High, Add	*0.12*	
09 51 13 00-0062	SF	2' x 4' x 5/8" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Tundra)	6.00	0.47
		For Up To 50, Add	*1.52*	
		For >50 To 200, Add	*0.91*	
		For >200 To 500, Add	*0.38*	
		For >2,500 To 4,000, Deduct	*-0.15*	
		For >4,000 To 5,000, Deduct	*-0.30*	
		For >5,000, Deduct	*-0.49*	
		For Individual Room Quantities <495, Add	*0.91*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.70*	
		For Ceilings >10' High, Add	*0.12*	
09 51 13 00-0063	SF	2' x 2' x 3/4" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Ultima®)	5.59	0.47
		For Up To 50, Add	*1.46*	
		For >50 To 200, Add	*0.87*	
		For >200 To 500, Add	*0.36*	
		For >2,500 To 4,000, Deduct	*-0.14*	
		For >4,000 To 5,000, Deduct	*-0.28*	
		For >5,000, Deduct	*-0.46*	
		For Individual Room Quantities <495, Add	*0.87*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.70*	
		For Ceilings >10' High, Add	*0.12*	
09 51 13 00-0064	SF	2' x 4' x 3/4" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Ultima®)	5.59	0.47
		For Up To 50, Add	*1.46*	
		For >50 To 200, Add	*0.87*	
		For >200 To 500, Add	*0.36*	
		For >2,500 To 4,000, Deduct	*-0.14*	
		For >4,000 To 5,000, Deduct	*-0.28*	
		For >5,000, Deduct	*-0.46*	
		For Individual Room Quantities <495, Add	*0.87*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.70*	
		For Ceilings >10' High, Add	*0.12*	
09 51 13 00-0065	SF	2' x 2' x 3/4" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Ultima®)	5.59	0.47
		For Up To 50, Add	*1.46*	
		For >50 To 200, Add	*0.87*	
		For >200 To 500, Add	*0.36*	
		For >2,500 To 4,000, Deduct	*-0.14*	
		For >4,000 To 5,000, Deduct	*-0.28*	
		For >5,000, Deduct	*-0.46*	
		For Individual Room Quantities <495, Add	*0.87*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.70*	
		For Ceilings >10' High, Add	*0.12*	
09 51 13 00-0066	SF	2' x 4' x 3/4" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Ultima®)	5.59	0.47
		For Up To 50, Add	*1.46*	
		For >50 To 200, Add	*0.87*	
		For >200 To 500, Add	*0.36*	
		For >2,500 To 4,000, Deduct	*-0.14*	
		For >4,000 To 5,000, Deduct	*-0.28*	
		For >5,000, Deduct	*-0.46*	
		For Individual Room Quantities <495, Add	*0.87*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.70*	
		For Ceilings >10' High, Add	*0.12*	
09 51 13 00-0067	SF	2' x 2' x 7/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Ultima High-NRC)	6.00	0.59
		For Up To 50, Add	*1.56*	
		For >50 To 200, Add	*0.93*	
		For >200 To 500, Add	*0.38*	
		For >2,500 To 4,000, Deduct	*-0.15*	
		For >4,000 To 5,000, Deduct	*-0.30*	
		For >5,000, Deduct	*-0.49*	
		For Individual Room Quantities <495, Add	*0.93*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.75*	
		For Ceilings >10' High, Add	*0.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 51 13 00-0068	SF	2' x 4' x 7/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Ultima High-NRC)	6.00	0.59
		For Up To 50, Add	*1.56*	
		For >50 To 200, Add	*0.93*	
		For >200 To 500, Add	*0.38*	
		For >2,500 To 4,000, Deduct	*-0.15*	
		For >4,000 To 5,000, Deduct	*-0.30*	
		For >5,000, Deduct	*-0.49*	
		For Individual Room Quantities <495, Add	*0.93*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.75*	
		For Ceilings >10' High, Add	*0.12*	
09 51 13 00-0069	SF	2' x 2' x 7/8" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Ultima High-NRC)	6.00	0.59
		For Up To 50, Add	*1.56*	
		For >50 To 200, Add	*0.93*	
		For >200 To 500, Add	*0.38*	
		For >2,500 To 4,000, Deduct	*-0.15*	
		For >4,000 To 5,000, Deduct	*-0.30*	
		For >5,000, Deduct	*-0.49*	
		For Individual Room Quantities <495, Add	*0.93*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.75*	
		For Ceilings >10' High, Add	*0.12*	
09 51 13 00-0070	SF	2' x 4' x 7/8" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Ultima High-NRC)	6.00	0.59
		For Up To 50, Add	*1.56*	
		For >50 To 200, Add	*0.93*	
		For >200 To 500, Add	*0.38*	
		For >2,500 To 4,000, Deduct	*-0.15*	
		For >4,000 To 5,000, Deduct	*-0.30*	
		For >5,000, Deduct	*-0.49*	
		For Individual Room Quantities <495, Add	*0.93*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.75*	
		For Ceilings >10' High, Add	*0.12*	
09 51 13 00-0071	SF	2' x 2' x 3/4" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Ultima Health Zone™)	6.29	0.47
		For Up To 50, Add	*1.56*	
		For >50 To 200, Add	*0.94*	
		For >200 To 500, Add	*0.39*	
		For >2,500 To 4,000, Deduct	*-0.16*	
		For >4,000 To 5,000, Deduct	*-0.31*	
		For >5,000, Deduct	*-0.51*	
		For Individual Room Quantities <495, Add	*0.94*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.70*	
		For Ceilings >10' High, Add	*0.12*	
09 51 13 00-0072	SF	2' x 4' x 3/4" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Ultima Health Zone™)	6.29	0.47
		For Up To 50, Add	*1.56*	
		For >50 To 200, Add	*0.94*	
		For >200 To 500, Add	*0.39*	
		For >2,500 To 4,000, Deduct	*-0.16*	
		For >4,000 To 5,000, Deduct	*-0.31*	
		For >5,000, Deduct	*-0.51*	
		For Individual Room Quantities <495, Add	*0.94*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.70*	
		For Ceilings >10' High, Add	*0.12*	
09 51 13 00-0073	SF	2' x 2' x 3/4" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Ultima Health Zone™)	6.29	0.47
		For Up To 50, Add	*1.56*	
		For >50 To 200, Add	*0.94*	
		For >200 To 500, Add	*0.39*	
		For >2,500 To 4,000, Deduct	*-0.16*	
		For >4,000 To 5,000, Deduct	*-0.31*	
		For >5,000, Deduct	*-0.51*	
		For Individual Room Quantities <495, Add	*0.94*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.70*	
		For Ceilings >10' High, Add	*0.12*	
09 51 13 00-0074	SF	2' x 2' x 7/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Ultima Health Zone™ High-NRC)	7.12	0.47
		For Up To 50, Add	*1.73*	
		For >50 To 200, Add	*1.04*	
		For >200 To 500, Add	*0.44*	
		For >2,500 To 4,000, Deduct	*-0.18*	
		For >4,000 To 5,000, Deduct	*-0.36*	
		For >5,000, Deduct	*-0.58*	
		For Individual Room Quantities <495, Add	*1.04*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.75*	
		For Ceilings >10' High, Add	*0.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 51 13 00-0075	SF	2' x 4' x 7/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Ultima Health Zone™ High-NRC)	7.02	0.47
		For Up To 50, Add	*1.72*	
		For >50 To 200, Add	*1.03*	
		For >200 To 500, Add	*0.43*	
		For >2,500 To 4,000, Deduct	*-0.18*	
		For >4,000 To 5,000, Deduct	*-0.35*	
		For >5,000, Deduct	*-0.57*	
		For Individual Room Quantities <495, Add	*1.03*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.75*	
		For Ceilings >10' High, Add	*0.12*	
09 51 13 00-0076	SF	2' x 2' x 7/8" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Ultima Health Zone™ High-NRC)	7.07	0.47
		For Up To 50, Add	*1.72*	
		For >50 To 200, Add	*1.04*	
		For >200 To 500, Add	*0.44*	
		For >2,500 To 4,000, Deduct	*-0.18*	
		For >4,000 To 5,000, Deduct	*-0.35*	
		For >5,000, Deduct	*-0.57*	
		For Individual Room Quantities <495, Add	*1.04*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.75*	
		For Ceilings >10' High, Add	*0.12*	
09 51 13 00-0077	SF	2' x 2' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong VL)	6.63	0.47
		For Up To 50, Add	*1.61*	
		For >50 To 200, Add	*0.97*	
		For >200 To 500, Add	*0.41*	
		For >2,500 To 4,000, Deduct	*-0.17*	
		For >4,000 To 5,000, Deduct	*-0.33*	
		For >5,000, Deduct	*-0.54*	
		For Individual Room Quantities <495, Add	*0.97*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.70*	
		For Ceilings >10' High, Add	*0.12*	
09 51 13 00-0078	SF	2' x 4' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong VL)	6.51	0.47
		For Up To 50, Add	*1.60*	
		For >50 To 200, Add	*0.96*	
		For >200 To 500, Add	*0.40*	
		For >2,500 To 4,000, Deduct	*-0.16*	
		For >4,000 To 5,000, Deduct	*-0.33*	
		For >5,000, Deduct	*-0.53*	
		For Individual Room Quantities <495, Add	*0.96*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.70*	
		For Ceilings >10' High, Add	*0.12*	
09 51 13 00-0079	SF	2' x 2' x 1" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Calla)	7.19	0.59
		For Up To 50, Add	*1.74*	
		For >50 To 200, Add	*1.05*	
		For >200 To 500, Add	*0.44*	
		For >2,500 To 4,000, Deduct	*-0.18*	
		For >4,000 To 5,000, Deduct	*-0.36*	
		For >5,000, Deduct	*-0.58*	
		For Individual Room Quantities <495, Add	*1.05*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.75*	
		For Ceilings >10' High, Add	*0.12*	
09 51 13 00-0080	SF	2' x 4' x 1" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Calla)	7.19	0.59
		For Up To 50, Add	*1.74*	
		For >50 To 200, Add	*1.05*	
		For >200 To 500, Add	*0.44*	
		For >2,500 To 4,000, Deduct	*-0.18*	
		For >4,000 To 5,000, Deduct	*-0.36*	
		For >5,000, Deduct	*-0.58*	
		For Individual Room Quantities <495, Add	*1.05*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.75*	
		For Ceilings >10' High, Add	*0.12*	
09 51 13 00-0081	SF	2' x 2' x 1" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Calla)	7.19	0.47
		For Up To 50, Add	*1.74*	
		For >50 To 200, Add	*1.05*	
		For >200 To 500, Add	*0.44*	
		For >2,500 To 4,000, Deduct	*-0.18*	
		For >4,000 To 5,000, Deduct	*-0.36*	
		For >5,000, Deduct	*-0.58*	
		For Individual Room Quantities <495, Add	*1.05*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.75*	
		For Ceilings >10' High, Add	*0.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 51 13 00-0082	SF	2' x 4' x 1" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Calla)	7.19	0.59
		For Up To 50, Add	*1.74*	
		For >50 To 200, Add	*1.05*	
		For >200 To 500, Add	*0.44*	
		For >2,500 To 4,000, Deduct	*-0.18*	
		For >4,000 To 5,000, Deduct	*-0.36*	
		For >5,000, Deduct	*-0.58*	
		For Individual Room Quantities <495, Add	*1.05*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.75*	
		For Ceilings >10' High, Add	*0.12*	
09 51 13 00-0083	SF	20" x 60" x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (USG Radar™ 2617)	2.63	0.47
		For Individual Room Quantities <495, Add	*0.57*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.70*	
		For Ceilings >10' High, Add	*0.12*	
09 51 13 00-0084	SF	20" x 60" x 5/8" Thick, Tapered Edge, Mineral Fiber Acoustical Ceiling Panel (USG Radar™ 2627)	2.71	0.47
		For Individual Room Quantities <495, Add	*0.58*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.70*	
		For Ceilings >10' High, Add	*0.12*	
09 51 13 00-0085	SF	2' x 4' x 3/4" Tapered Edge, Mineral Fiber Acoustical Ceiling Panel (USG Radar™ Illusion Basic Two 2742)	4.01	0.47
		For Individual Room Quantities <495, Add	*0.71*	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	*0.70*	
		For Ceilings >10' High, Add	*0.12*	

09 51 13 00-0086 Wood Fiber Panels *(09 51 13)*

09 51 13 00-0087	SF	2' x 2' x 1/2" Wood Fiber Acoustical Ceiling Panels	6.70	0.71
		For Up To 50, Add	*1.85*	
		For >50 To 200, Add	*1.09*	
		For >200 To 500, Add	*0.44*	
		For >2,500 To 4,000, Deduct	*-0.17*	
		For >4,000 To 5,000, Deduct	*-0.34*	
		For >5,000, Deduct	*-0.56*	
		For Individual Room Quantities <495, Add	*1.09*	
		Note: For use with projects >500 SF		
		For Scored Acoustical Tile, Add	*0.25*	
		For Ceilings >10' High, Add	*0.16*	
09 51 13 00-0088	SF	2' x 4' x 1/2" Wood Fiber Acoustical Ceiling Panels	6.48	0.71
		For Up To 50, Add	*1.73*	
		For >50 To 200, Add	*1.03*	
		For >200 To 500, Add	*0.42*	
		For >2,500 To 4,000, Deduct	*-0.16*	
		For >4,000 To 5,000, Deduct	*-0.32*	
		For >5,000, Deduct	*-0.53*	
		For Individual Room Quantities <495, Add	*1.03*	
		Note: For use with projects >500 SF		
		For Scored Acoustical Tile, Add	*0.25*	
		For Ceilings >10' High, Add	*0.14*	
09 51 13 00-0089	SF	2' x 2' x 5/8" Wood Fiber Acoustical Ceiling Panels	8.74	0.71
		For Up To 50, Add	*2.16*	
		For >50 To 200, Add	*1.30*	
		For >200 To 500, Add	*0.54*	
		For >2,500 To 4,000, Deduct	*-0.22*	
		For >4,000 To 5,000, Deduct	*-0.44*	
		For >5,000, Deduct	*-0.71*	
		For Individual Room Quantities <495, Add	*1.30*	
		Note: For use with projects >500 SF		
		For Scored Acoustical Tile, Add	*0.25*	
		For Ceilings >10' High, Add	*0.16*	
09 51 13 00-0090	SF	2' x 4' x 5/8" Wood Fiber Acoustical Ceiling Panels	8.52	0.71
		For Up To 50, Add	*2.04*	
		For >50 To 200, Add	*1.23*	
		For >200 To 500, Add	*0.52*	
		For >2,500 To 4,000, Deduct	*-0.21*	
		For >4,000 To 5,000, Deduct	*-0.43*	
		For >5,000, Deduct	*-0.69*	
		For Individual Room Quantities <495, Add	*1.23*	
		Note: For use with projects >500 SF		
		For Scored Acoustical Tile, Add	*0.25*	
		For Ceilings >10' High, Add	*0.14*	
09 51 13 00-0091	SF	2' x 2' x 3/4" Wood Fiber Acoustical Ceiling Panels	10.71	0.71
		For Up To 50, Add	*2.45*	
		For >50 To 200, Add	*1.50*	
		For >200 To 500, Add	*0.64*	
		For >2,500 To 4,000, Deduct	*-0.27*	
		For >4,000 To 5,000, Deduct	*-0.54*	
		For >5,000, Deduct	*-0.86*	
		For Individual Room Quantities <495, Add	*1.50*	
		Note: For use with projects >500 SF		
		For Scored Acoustical Tile, Add	*0.25*	
		For Ceilings >10' High, Add	*0.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 51 13 00-0092	SF	2' x 4' x 3/4" Wood Fiber Acoustical Ceiling Panels	10.49	0.71
		For Up To 50, Add	*2.33*	
		For >50 To 200, Add	*1.43*	
		For >200 To 500, Add	*0.62*	
		For >2,500 To 4,000, Deduct	*-0.26*	
		For >4,000 To 5,000, Deduct	*-0.52*	
		For >5,000, Deduct	*-0.83*	
		For Individual Room Quantities <495, Add	*1.43*	
		Note: For use with projects >500 SF		
		For Scored Acoustical Tile, Add	*0.25*	
		For Ceilings >10' High, Add	*0.14*	
09 51 13 00-0093	SF	2' x 2' x 1" Wood Fiber Acoustical Ceiling Panels	7.89	0.71
		For Up To 50, Add	*2.03*	
		For >50 To 200, Add	*1.21*	
		For >200 To 500, Add	*0.50*	
		For >2,500 To 4,000, Deduct	*-0.20*	
		For >4,000 To 5,000, Deduct	*-0.39*	
		For >5,000, Deduct	*-0.64*	
		For Individual Room Quantities <495, Add	*1.21*	
		Note: For use with projects >500 SF		
		For Scored Acoustical Tile, Add	*0.25*	
		For Ceilings >10' High, Add	*0.16*	
09 51 13 00-0094	SF	2' x 4' x 1" Wood Fiber Acoustical Ceiling Panels	7.67	0.71
		For Up To 50, Add	*1.91*	
		For >50 To 200, Add	*1.15*	
		For >200 To 500, Add	*0.48*	
		For >2,500 To 4,000, Deduct	*-0.19*	
		For >4,000 To 5,000, Deduct	*-0.38*	
		For >5,000, Deduct	*-0.62*	
		For Individual Room Quantities <495, Add	*1.15*	
		Note: For use with projects >500 SF		
		For Scored Acoustical Tile, Add	*0.25*	
		For Ceilings >10' High, Add	*0.14*	

09 51 13 00-0095 Removal And Reinstallation Of Acoustical Ceiling Panels *(09 51 13)*

Note: 2'x2' Or 2'x4'. Includes storage and cleaning.

09 51 13 00-0096	SF	Removal And Reinstallation Of Acoustical Panels Only	2.43	
		For Up To 50, Add	*1.34*	
		For >50 To 200, Add	*0.73*	
		For >200 To 500, Add	*0.24*	
		For >2,500 To 4,000, Deduct	*-0.06*	
		For >4,000 To 5,000, Deduct	*-0.12*	
		For >5,000, Deduct	*-0.24*	
		For Ceilings >10' High, Add	*0.18*	

09 51 23 Acoustical Tile Ceilings *(09 51)*

Note: Includes fastening with staples and/or adhesive.

09 51 23 00-0001 Mineral Fiber Acoustical Tile Ceilings *(09 51 23)*

09 51 23 00-0002	SF	12" x 12" x 1/2" Tongue And Groove Mineral Fiber Acoustical Ceiling Tile	6.21	1.31
		For Furring 1 x 3 Strips 12" On Center, Add	*0.50*	
		For Up To 50, Add	*2.12*	
		For >50 To 200, Add	*1.22*	
		For >200 To 500, Add	*0.46*	
		For >2,500, Deduct	*-0.31*	
		For Ceilings >10' High, Add	*0.22*	
09 51 23 00-0003	SF	12" x 12" x 5/8" Spline Mineral Fiber Acoustical Ceiling Tile	7.41	1.31
		For Furring 1 x 3 Strips 12" On Center, Add	*0.50*	
		For Up To 50, Add	*2.30*	
		For >50 To 200, Add	*1.34*	
		For >200 To 500, Add	*0.52*	
		For >2,500, Deduct	*-0.37*	
		For Placing Tiles In Suspended Ceiling System, Deduct	*-0.52*	
		For Ceilings >10' High, Add	*0.22*	
09 51 23 00-0004	SF	12" x 12" x 3/4" Spline Mineral Fiber Acoustical Ceiling Tile	8.38	1.31
		For Furring 1 x 3 Strips 12" On Center, Add	*0.50*	
		For Up To 50, Add	*2.45*	
		For >50 To 200, Add	*1.43*	
		For >200 To 500, Add	*0.57*	
		For >2,500, Deduct	*-0.42*	
		For Placing Tiles In Suspended Ceiling System, Deduct	*-0.52*	
		For Ceilings >10' High, Add	*0.22*	

09 51 23 00-0005 Wood Fiber Acoustical Tile Ceilings *(09 51 23)*

09 51 23 00-0006	SF	12" x 12" x 1/2" Staple Flange Wood Fiber Acoustical Ceiling Tile	5.70	1.31
		For Furring 1 x 3 Strips 12" On Center, Add	*0.50*	
		For Up To 50, Add	*2.05*	
		For >50 To 200, Add	*1.17*	
		For >200 To 500, Add	*0.43*	
		For >2,500, Deduct	*-0.29*	
		For Ceilings >10' High, Add	*0.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 51 33		**Acoustical Metal Pan Ceilings** *(09 51)*		
09 51 33 13		**Acoustical Snap-in Metal Pan Ceilings** *(09 51 33)*		
09 51 33 13-0001		Acoustical Snap-In Metal Pan Ceilings *(09 51 33 13)*		
09 51 33 13-0002		Galvanized Steel, Acoustical Snap-In Metal Ceiling Panels *(09 51 33 13-0001)*		
09 51 33 13-0003	SF	24" x 24", Unperforated, Tamper-Resistant, 18 Gauge, Galvanized Steel, Acoustical Lay-In Metal Ceiling Panel (Armstrong MetalWorks™ SecureLock™)	23.27	1.04
		For Up To 50, Add	*4.32*	
		For >50 To 200, Add	*2.74*	
		For >200 To 500, Add	*1.27*	
		For >2,500 To 4,000, Deduct	*-0.58*	
		For >4,000 To 5,000, Deduct	*-1.16*	
		For >5,000, Deduct	*-1.80*	
		For Ceilings >10' High, Add	*0.16*	
09 51 33 13-0004	SF	24" x 24", Perforated, Tamper-Resistant, 18 Gauge, Galvanized Steel, Acoustical Lay-In Metal Ceiling Panel (Armstrong MetalWorks™ SecureLock™)	24.91	1.04
		For Up To 50, Add	*4.57*	
		For >50 To 200, Add	*2.91*	
		For >200 To 500, Add	*1.35*	
		For >2,500 To 4,000, Deduct	*-0.62*	
		For >4,000 To 5,000, Deduct	*-1.25*	
		For >5,000, Deduct	*-1.92*	
		For Ceilings >10' High, Add	*0.16*	
09 51 33 13-0005		Aluminum, Acoustical Snap-In Metal Ceiling Panels *(09 51 33 13-0001)*		
09 51 33 13-0006	SF	24" x 24", Unperforated, 0.040" Thick, Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	17.27	1.19
		For Up To 50, Add	*3.54*	
		For >50 To 200, Add	*2.20*	
		For >200 To 500, Add	*0.98*	
		For >2,500 To 4,000, Deduct	*-0.43*	
		For >4,000 To 5,000, Deduct	*-0.86*	
		For >5,000, Deduct	*-1.35*	
		For Ceilings >10' High, Add	*0.18*	
09 51 33 13-0007	SF	24" x 24", Unperforated, 0.040" Thick, Metallic Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	29.45	1.19
		For Up To 50, Add	*5.37*	
		For >50 To 200, Add	*3.42*	
		For >200 To 500, Add	*1.59*	
		For >2,500 To 4,000, Deduct	*-0.74*	
		For >4,000 To 5,000, Deduct	*-1.47*	
		For >5,000, Deduct	*-2.27*	
		For Ceilings >10' High, Add	*0.18*	
09 51 33 13-0008	SF	24" x 24", Unperforated, 0.040" Thick, Wood Tone Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	57.84	1.19
		For Up To 50, Add	*9.62*	
		For >50 To 200, Add	*6.26*	
		For >200 To 500, Add	*3.01*	
		For >2,500 To 4,000, Deduct	*-1.45*	
		For >4,000 To 5,000, Deduct	*-2.89*	
		For >5,000, Deduct	*-4.40*	
		For Ceilings >10' High, Add	*0.18*	
09 51 33 13-0009	SF	24" x 24", Unperforated, 0.040" Thick, Anodized Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	26.08	1.19
		For Up To 50, Add	*4.86*	
		For >50 To 200, Add	*3.08*	
		For >200 To 500, Add	*1.42*	
		For >2,500 To 4,000, Deduct	*-0.65*	
		For >4,000 To 5,000, Deduct	*-1.30*	
		For >5,000, Deduct	*-2.02*	
		For Ceilings >10' High, Add	*0.18*	
09 51 33 13-0010	SF	24" x 24", Perforated, 0.040" Thick, Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	18.25	1.19
		For Up To 50, Add	*3.69*	
		For >50 To 200, Add	*2.30*	
		For >200 To 500, Add	*1.03*	
		For >2,500 To 4,000, Deduct	*-0.46*	
		For >4,000 To 5,000, Deduct	*-0.91*	
		For >5,000, Deduct	*-1.43*	
		For Ceilings >10' High, Add	*0.18*	
09 51 33 13-0011	SF	24" x 24", Perforated, 0.040" Thick, Metallic Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	28.69	1.19
		For Up To 50, Add	*5.25*	
		For >50 To 200, Add	*3.34*	
		For >200 To 500, Add	*1.55*	
		For >2,500 To 4,000, Deduct	*-0.72*	
		For >4,000 To 5,000, Deduct	*-1.43*	
		For >5,000, Deduct	*-2.21*	
		For Ceilings >10' High, Add	*0.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 51 33 13-0012	SF	24" x 24", Perforated, 0.040" Thick, Wood Tone Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	57.41	1.19
		For Up To 50, Add	*9.56*	
		For >50 To 200, Add	*6.22*	
		For >200 To 500, Add	*2.99*	
		For >2,500 To 4,000, Deduct	*-1.44*	
		For >4,000 To 5,000, Deduct	*-2.87*	
		For >5,000, Deduct	*-4.37*	
		For Ceilings >10' High, Add	*0.18*	
09 51 33 13-0013	SF	24" x 24", Perforated, 0.040" Thick, Anodized Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	25.86	1.19
		For Up To 50, Add	*4.83*	
		For >50 To 200, Add	*3.06*	
		For >200 To 500, Add	*1.41*	
		For >2,500 To 4,000, Deduct	*-0.65*	
		For >4,000 To 5,000, Deduct	*-1.29*	
		For >5,000, Deduct	*-2.00*	
		For Ceilings >10' High, Add	*0.18*	
09 51 33 13-0014	SF	30" x 30", Unperforated, 0.040" Thick, Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	23.58	1.19
		For Up To 50, Add	*4.49*	
		For >50 To 200, Add	*2.83*	
		For >200 To 500, Add	*1.30*	
		For >2,500 To 4,000, Deduct	*-0.59*	
		For >4,000 To 5,000, Deduct	*-1.18*	
		For >5,000, Deduct	*-1.83*	
		For Ceilings >10' High, Add	*0.18*	
09 51 33 13-0015	SF	30" x 30", Unperforated, 0.040" Thick, Metallic Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	31.09	1.19
		For Up To 50, Add	*5.61*	
		For >50 To 200, Add	*3.58*	
		For >200 To 500, Add	*1.67*	
		For >2,500 To 4,000, Deduct	*-0.78*	
		For >4,000 To 5,000, Deduct	*-1.55*	
		For >5,000, Deduct	*-2.39*	
		For Ceilings >10' High, Add	*0.18*	
09 51 33 13-0016	SF	30" x 30", Unperforated, 0.040" Thick, Wood Tone Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	63.82	1.19
		For Up To 50, Add	*10.52*	
		For >50 To 200, Add	*6.86*	
		For >200 To 500, Add	*3.31*	
		For >2,500 To 4,000, Deduct	*-1.60*	
		For >4,000 To 5,000, Deduct	*-3.19*	
		For >5,000, Deduct	*-4.85*	
		For Ceilings >10' High, Add	*0.18*	
09 51 33 13-0017	SF	30" x 30", Unperforated, 0.040" Thick, Anodized Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	30.76	1.19
		For Up To 50, Add	*5.56*	
		For >50 To 200, Add	*3.55*	
		For >200 To 500, Add	*1.66*	
		For >2,500 To 4,000, Deduct	*-0.77*	
		For >4,000 To 5,000, Deduct	*-1.54*	
		For >5,000, Deduct	*-2.37*	
		For Ceilings >10' High, Add	*0.18*	
09 51 33 13-0018	SF	30" x 30", Perforated, 0.040" Thick, Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	24.99	1.19
		For Up To 50, Add	*4.70*	
		For >50 To 200, Add	*2.97*	
		For >200 To 500, Add	*1.37*	
		For >2,500 To 4,000, Deduct	*-0.62*	
		For >4,000 To 5,000, Deduct	*-1.25*	
		For >5,000, Deduct	*-1.93*	
		For Ceilings >10' High, Add	*0.18*	
09 51 33 13-0019	SF	30" x 30", Perforated, 0.040" Thick, Metallic Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	31.85	1.19
		For Up To 50, Add	*5.73*	
		For >50 To 200, Add	*3.66*	
		For >200 To 500, Add	*1.71*	
		For >2,500 To 4,000, Deduct	*-0.80*	
		For >4,000 To 5,000, Deduct	*-1.59*	
		For >5,000, Deduct	*-2.45*	
		For Ceilings >10' High, Add	*0.18*	
09 51 33 13-0020	SF	30" x 30", Perforated, 0.040" Thick, Wood Tone Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	66.00	1.19
		For Up To 50, Add	*10.85*	
		For >50 To 200, Add	*7.07*	
		For >200 To 500, Add	*3.42*	
		For >2,500 To 4,000, Deduct	*-1.65*	
		For >4,000 To 5,000, Deduct	*-3.30*	
		For >5,000, Deduct	*-5.01*	
		For Ceilings >10' High, Add	*0.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 51 33 13-0021	SF	30" x 30", Perforated, 0.040" Thick, Anodized Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	31.52	1.19
		For Up To 50, Add	*5.68*	
		For >50 To 200, Add	*3.63*	
		For >200 To 500, Add	*1.69*	
		For >2,500 To 4,000, Deduct	*-0.79*	
		For >4,000 To 5,000, Deduct	*-1.58*	
		For >5,000, Deduct	*-2.42*	
		For Ceilings >10' High, Add	*0.18*	
09 51 33 13-0022	SF	12" x 48", Unperforated, 0.040" Thick, Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	21.30	1.19
		For Up To 50, Add	*4.14*	
		For >50 To 200, Add	*2.60*	
		For >200 To 500, Add	*1.18*	
		For >2,500 To 4,000, Deduct	*-0.53*	
		For >4,000 To 5,000, Deduct	*-1.07*	
		For >5,000, Deduct	*-1.66*	
		For Ceilings >10' High, Add	*0.18*	
09 51 33 13-0023	SF	12" x 48", Unperforated, 0.040" Thick, Metallic Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	35.00	1.19
		For Up To 50, Add	*6.20*	
		For >50 To 200, Add	*3.97*	
		For >200 To 500, Add	*1.87*	
		For >2,500 To 4,000, Deduct	*-0.88*	
		For >4,000 To 5,000, Deduct	*-1.75*	
		For >5,000, Deduct	*-2.68*	
		For Ceilings >10' High, Add	*0.18*	
09 51 33 13-0024	SF	12" x 48", Unperforated, 0.040" Thick, Wood Tone Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	62.41	1.19
		For Up To 50, Add	*10.31*	
		For >50 To 200, Add	*6.72*	
		For >200 To 500, Add	*3.24*	
		For >2,500 To 4,000, Deduct	*-1.56*	
		For >4,000 To 5,000, Deduct	*-3.12*	
		For >5,000, Deduct	*-4.74*	
		For Ceilings >10' High, Add	*0.18*	
09 51 33 13-0025	SF	12" x 48", Unperforated, 0.040" Thick, Anodized Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	30.00	1.19
		For Up To 50, Add	*5.45*	
		For >50 To 200, Add	*3.47*	
		For >200 To 500, Add	*1.62*	
		For >2,500 To 4,000, Deduct	*-0.75*	
		For >4,000 To 5,000, Deduct	*-1.50*	
		For >5,000, Deduct	*-2.31*	
		For Ceilings >10' High, Add	*0.18*	
09 51 33 13-0026	SF	12" x 48", Perforated, 0.040" Thick, Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	22.93	1.19
		For Up To 50, Add	*4.39*	
		For >50 To 200, Add	*2.77*	
		For >200 To 500, Add	*1.27*	
		For >2,500 To 4,000, Deduct	*-0.57*	
		For >4,000 To 5,000, Deduct	*-1.15*	
		For >5,000, Deduct	*-1.78*	
		For Ceilings >10' High, Add	*0.18*	
09 51 33 13-0027	SF	12" x 48", Perforated, 0.040" Thick, Metallic Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	35.44	1.19
		For Up To 50, Add	*6.26*	
		For >50 To 200, Add	*4.02*	
		For >200 To 500, Add	*1.89*	
		For >2,500 To 4,000, Deduct	*-0.89*	
		For >4,000 To 5,000, Deduct	*-1.77*	
		For >5,000, Deduct	*-2.72*	
		For Ceilings >10' High, Add	*0.18*	
09 51 33 13-0028	SF	12" x 48", Perforated, 0.040" Thick, Wood Tone Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	64.69	1.19
		For Up To 50, Add	*10.65*	
		For >50 To 200, Add	*6.94*	
		For >200 To 500, Add	*3.35*	
		For >2,500 To 4,000, Deduct	*-1.62*	
		For >4,000 To 5,000, Deduct	*-3.23*	
		For >5,000, Deduct	*-4.91*	
		For Ceilings >10' High, Add	*0.18*	
09 51 33 13-0029	SF	12" x 48", Perforated, 0.040" Thick, Anodized Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	30.98	1.19
		For Up To 50, Add	*5.60*	
		For >50 To 200, Add	*3.57*	
		For >200 To 500, Add	*1.67*	
		For >2,500 To 4,000, Deduct	*-0.77*	
		For >4,000 To 5,000, Deduct	*-1.55*	
		For >5,000, Deduct	*-2.38*	
		For Ceilings >10' High, Add	*0.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 51 33 13-0030	SF	24" x 48", Unperforated, 0.040" Thick, Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	16.81	1.19
		For Up To 50, Add	*3.47*	
		For >50 To 200, Add	*2.16*	
		For >200 To 500, Add	*0.96*	
		For >2,500 To 4,000, Deduct	*-0.42*	
		For >4,000 To 5,000, Deduct	*-0.84*	
		For >5,000, Deduct	*-1.32*	
		For Ceilings >10' High, Add	*0.18*	
09 51 33 13-0031	SF	24" x 48", Unperforated, 0.040" Thick, Metallic Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	25.95	1.19
		For Up To 50, Add	*4.84*	
		For >50 To 200, Add	*3.07*	
		For >200 To 500, Add	*1.42*	
		For >2,500 To 4,000, Deduct	*-0.65*	
		For >4,000 To 5,000, Deduct	*-1.30*	
		For >5,000, Deduct	*-2.01*	
		For Ceilings >10' High, Add	*0.18*	
09 51 33 13-0032	SF	24" x 48", Unperforated, 0.040" Thick, Wood Tone Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	54.23	1.19
		For Up To 50, Add	*9.08*	
		For >50 To 200, Add	*5.90*	
		For >200 To 500, Add	*2.83*	
		For >2,500 To 4,000, Deduct	*-1.36*	
		For >4,000 To 5,000, Deduct	*-2.71*	
		For >5,000, Deduct	*-4.13*	
		For Ceilings >10' High, Add	*0.18*	
09 51 33 13-0033	SF	24" x 48", Unperforated, 0.040" Thick, Anodized Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	24.65	1.19
		For Up To 50, Add	*4.65*	
		For >50 To 200, Add	*2.94*	
		For >200 To 500, Add	*1.35*	
		For >2,500 To 4,000, Deduct	*-0.62*	
		For >4,000 To 5,000, Deduct	*-1.23*	
		For >5,000, Deduct	*-1.91*	
		For Ceilings >10' High, Add	*0.18*	
09 51 33 13-0034	SF	24" x 48", Perforated, 0.040" Thick, Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	17.90	1.19
		For Up To 50, Add	*3.63*	
		For >50 To 200, Add	*2.26*	
		For >200 To 500, Add	*1.01*	
		For >2,500 To 4,000, Deduct	*-0.45*	
		For >4,000 To 5,000, Deduct	*-0.90*	
		For >5,000, Deduct	*-1.40*	
		For Ceilings >10' High, Add	*0.18*	
09 51 33 13-0035	SF	24" x 48", Perforated, 0.040" Thick, Metallic Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	25.73	1.19
		For Up To 50, Add	*4.81*	
		For >50 To 200, Add	*3.05*	
		For >200 To 500, Add	*1.41*	
		For >2,500 To 4,000, Deduct	*-0.64*	
		For >4,000 To 5,000, Deduct	*-1.29*	
		For >5,000, Deduct	*-1.99*	
		For Ceilings >10' High, Add	*0.18*	
09 51 33 13-0036	SF	24" x 48", Perforated, 0.040" Thick, Wood Tone Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	54.34	1.19
		For Up To 50, Add	*9.10*	
		For >50 To 200, Add	*5.91*	
		For >200 To 500, Add	*2.84*	
		For >2,500 To 4,000, Deduct	*-1.36*	
		For >4,000 To 5,000, Deduct	*-2.72*	
		For >5,000, Deduct	*-4.13*	
		For Ceilings >10' High, Add	*0.18*	
09 51 33 13-0037	SF	24" x 48", Perforated, 0.040" Thick, Anodized Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	24.65	1.19
		For Up To 50, Add	*4.65*	
		For >50 To 200, Add	*2.94*	
		For >200 To 500, Add	*1.35*	
		For >2,500 To 4,000, Deduct	*-0.62*	
		For >4,000 To 5,000, Deduct	*-1.23*	
		For >5,000, Deduct	*-1.91*	
		For Ceilings >10' High, Add	*0.18*	

09 51 33 23 Acoustical Lay-in Metal Pan Ceilings *(09 51 33)*

09 51 33 23-0001 Acoustical Lay-In Metal Pan Ceilings *(09 51 33 23)*

09 51 33 23-0002 Aluminum, Acoustical Lay-In Metal Ceiling Panels *(09 51 33 23-0001)*

09 51 33 23-0003	SF	24" x 24", Unperforated, Painted Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™)	18.10	0.90
		For Up To 50, Add	*3.43*	
		For >50 To 200, Add	*2.17*	
		For >200 To 500, Add	*0.99*	
		For >2,500 To 4,000, Deduct	*-0.45*	
		For >4,000 To 5,000, Deduct	*-0.91*	
		For >5,000, Deduct	*-1.40*	
		For Ceilings >10' High, Add	*0.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 51 33 23-0004	SF	24" x 24", Unperforated, Metallic Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™)	20.54	0.90
		For Up To 50, Add	*3.79*	
		For >50 To 200, Add	*2.41*	
		For >200 To 500, Add	*1.12*	
		For >2,500 To 4,000, Deduct	*-0.51*	
		For >4,000 To 5,000, Deduct	*-1.03*	
		For >5,000, Deduct	*-1.59*	
		For Ceilings >10' High, Add	*0.13*	
09 51 33 23-0005	SF	24" x 24", Unperforated, Wood Tone Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™)	30.33	0.90
		For Up To 50, Add	*5.26*	
		For >50 To 200, Add	*3.39*	
		For >200 To 500, Add	*1.61*	
		For >2,500 To 4,000, Deduct	*-0.76*	
		For >4,000 To 5,000, Deduct	*-1.52*	
		For >5,000, Deduct	*-2.32*	
		For Ceilings >10' High, Add	*0.13*	
09 51 33 23-0006	SF	24" x 24", Perforated, Painted Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™)	25.71	0.90
		For Up To 50, Add	*4.57*	
		For >50 To 200, Add	*2.93*	
		For >200 To 500, Add	*1.37*	
		For >2,500 To 4,000, Deduct	*-0.64*	
		For >4,000 To 5,000, Deduct	*-1.29*	
		For >5,000, Deduct	*-1.97*	
		For Ceilings >10' High, Add	*0.13*	
09 51 33 23-0007	SF	24" x 24", Perforated, Metallic Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™)	27.61	0.90
		For Up To 50, Add	*4.85*	
		For >50 To 200, Add	*3.12*	
		For >200 To 500, Add	*1.47*	
		For >2,500 To 4,000, Deduct	*-0.69*	
		For >4,000 To 5,000, Deduct	*-1.38*	
		For >5,000, Deduct	*-2.12*	
		For Ceilings >10' High, Add	*0.13*	
09 51 33 23-0008	SF	24" x 24", Perforated, Wood Tone Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™)	43.66	0.90
		For Up To 50, Add	*7.26*	
		For >50 To 200, Add	*4.72*	
		For >200 To 500, Add	*2.27*	
		For >2,500 To 4,000, Deduct	*-1.09*	
		For >4,000 To 5,000, Deduct	*-2.18*	
		For >5,000, Deduct	*-3.32*	
		For Ceilings >10' High, Add	*0.13*	
09 51 33 23-0009	SF	30" x 30", Unperforated, Painted Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™)	27.19	0.90
		For Up To 50, Add	*4.79*	
		For >50 To 200, Add	*3.08*	
		For >200 To 500, Add	*1.45*	
		For >2,500 To 4,000, Deduct	*-0.68*	
		For >4,000 To 5,000, Deduct	*-1.36*	
		For >5,000, Deduct	*-2.08*	
		For Ceilings >10' High, Add	*0.13*	
09 51 33 23-0010	SF	30" x 30", Perforated, Painted Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™)	33.80	0.90
		For Up To 50, Add	*5.78*	
		For >50 To 200, Add	*3.74*	
		For >200 To 500, Add	*1.78*	
		For >2,500 To 4,000, Deduct	*-0.85*	
		For >4,000 To 5,000, Deduct	*-1.69*	
		For >5,000, Deduct	*-2.58*	
		For Ceilings >10' High, Add	*0.13*	
09 51 33 23-0011	SF	48" x 48", Unperforated, Painted Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™)	27.34	0.90
		For Up To 50, Add	*4.81*	
		For >50 To 200, Add	*3.09*	
		For >200 To 500, Add	*1.46*	
		For >2,500 To 4,000, Deduct	*-0.68*	
		For >4,000 To 5,000, Deduct	*-1.37*	
		For >5,000, Deduct	*-2.10*	
		For Ceilings >10' High, Add	*0.13*	
09 51 33 23-0012	SF	48" x 48", Perforated, Painted Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™)	34.00	0.90
		For Up To 50, Add	*5.81*	
		For >50 To 200, Add	*3.76*	
		For >200 To 500, Add	*1.79*	
		For >2,500 To 4,000, Deduct	*-0.85*	
		For >4,000 To 5,000, Deduct	*-1.70*	
		For >5,000, Deduct	*-2.59*	
		For Ceilings >10' High, Add	*0.13*	
09 51 33 23-0013	SF	12" x 48", Unperforated, Painted Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™)	27.48	0.90
		For Up To 50, Add	*4.83*	
		For >50 To 200, Add	*3.10*	
		For >200 To 500, Add	*1.46*	
		For >2,500 To 4,000, Deduct	*-0.69*	
		For >4,000 To 5,000, Deduct	*-1.37*	
		For >5,000, Deduct	*-2.11*	
		For Ceilings >10' High, Add	*0.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 51 33 23-0014	SF	12" x 48", Perforated, Painted Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™)	33.87	0.90
		For Up To 50, Add	*5.79*	
		For >50 To 200, Add	*3.74*	
		For >200 To 500, Add	*1.78*	
		For >2,500 To 4,000, Deduct	*-0.85*	
		For >4,000 To 5,000, Deduct	*-1.69*	
		For >5,000, Deduct	*-2.58*	
		For Ceilings >10' High, Add	*0.13*	
09 51 33 23-0015	SF	24" x 48", Unperforated, Painted Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™)	27.48	0.90
		For Up To 50, Add	*4.83*	
		For >50 To 200, Add	*3.10*	
		For >200 To 500, Add	*1.46*	
		For >2,500 To 4,000, Deduct	*-0.69*	
		For >4,000 To 5,000, Deduct	*-1.37*	
		For >5,000, Deduct	*-2.11*	
		For Ceilings >10' High, Add	*0.13*	
09 51 33 23-0016	SF	24" x 48", Perforated, Painted Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™)	34.14	0.90
		For Up To 50, Add	*5.83*	
		For >50 To 200, Add	*3.77*	
		For >200 To 500, Add	*1.80*	
		For >2,500 To 4,000, Deduct	*-0.85*	
		For >4,000 To 5,000, Deduct	*-1.71*	
		For >5,000, Deduct	*-2.61*	
		For Ceilings >10' High, Add	*0.13*	

09 51 33 23-0017 Steel, Acoustical Lay-In Metal Ceiling Panels *(09 51 33 23-0001)*

09 51 33 23-0018	SF	24" x 24", Unperforated, 0.021" Thick, Painted Steel, Acoustical Lay-In Metal Ceiling Panel (Armstrong MetalWorks™ Vector®)	23.45	0.90
		For Up To 50, Add	*4.23*	
		For >50 To 200, Add	*2.70*	
		For >200 To 500, Add	*1.26*	
		For >2,500 To 4,000, Deduct	*-0.59*	
		For >4,000 To 5,000, Deduct	*-1.17*	
		For >5,000, Deduct	*-1.80*	
		For Ceilings >10' High, Add	*0.13*	
09 51 33 23-0019	SF	24" x 24", Unperforated, 0.021" Thick, Metallic Painted Steel, Acoustical Lay-In Metal Ceiling Panel (Armstrong MetalWorks™ Vector®)	28.02	0.90
		For Up To 50, Add	*4.92*	
		For >50 To 200, Add	*3.16*	
		For >200 To 500, Add	*1.49*	
		For >2,500 To 4,000, Deduct	*-0.70*	
		For >4,000 To 5,000, Deduct	*-1.40*	
		For >5,000, Deduct	*-2.15*	
		For Ceilings >10' High, Add	*0.13*	
09 51 33 23-0020	SF	24" x 24", Unperforated, 0.021" Thick, Wood Tone Painted Steel, Acoustical Lay-In Metal Ceiling Panel (Armstrong MetalWorks™ Vector®)	30.08	0.90
		For Up To 50, Add	*5.22*	
		For >50 To 200, Add	*3.36*	
		For >200 To 500, Add	*1.59*	
		For >2,500 To 4,000, Deduct	*-0.75*	
		For >4,000 To 5,000, Deduct	*-1.50*	
		For >5,000, Deduct	*-2.30*	
		For Ceilings >10' High, Add	*0.13*	
09 51 33 23-0021	SF	24" x 24", Perforated, 0.021" Thick, Painted Steel, Acoustical Lay-In Metal Ceiling Panel (Armstrong MetalWorks™ Vector®)	28.23	0.90
		For Up To 50, Add	*4.95*	
		For >50 To 200, Add	*3.18*	
		For >200 To 500, Add	*1.50*	
		For >2,500 To 4,000, Deduct	*-0.71*	
		For >4,000 To 5,000, Deduct	*-1.41*	
		For >5,000, Deduct	*-2.16*	
		For Ceilings >10' High, Add	*0.13*	
09 51 33 23-0022	SF	24" x 24", Perforated, 0.021" Thick, Metallic Painted Steel, Acoustical Lay-In Metal Ceiling Panel (Armstrong MetalWorks™ Vector®)	28.99	0.90
		For Up To 50, Add	*5.06*	
		For >50 To 200, Add	*3.26*	
		For >200 To 500, Add	*1.54*	
		For >2,500 To 4,000, Deduct	*-0.72*	
		For >4,000 To 5,000, Deduct	*-1.45*	
		For >5,000, Deduct	*-2.22*	
		For Ceilings >10' High, Add	*0.13*	
09 51 33 23-0023	SF	24" x 24", Perforated, 0.021" Thick, Wood Tone Painted Steel, Acoustical Lay-In Metal Ceiling Panel (Armstrong MetalWorks™ Vector®)	30.73	0.90
		For Up To 50, Add	*5.32*	
		For >50 To 200, Add	*3.43*	
		For >200 To 500, Add	*1.63*	
		For >2,500 To 4,000, Deduct	*-0.77*	
		For >4,000 To 5,000, Deduct	*-1.54*	
		For >5,000, Deduct	*-2.35*	
		For Ceilings >10' High, Add	*0.13*	

09 51 33 33 Acoustical Tegular Lay-in Metal Pan Ceilings *(09 51 33)*

09 51 33 33-0001 Acoustical Tegular Lay-In Metal Pan Ceilings *(09 51 33 33)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 51 33 33-0002		Steel, Acoustical Tegular Lay-In Metal Pan Ceilings *(09 51 33 33-0001)*		
09 51 33 33-0003	SF	24" x 24", Unperforated, 0.021" Thick, Painted Steel, Acoustical Tegular Lay-In Metal Ceiling Panel (Armstrong MetalWorks™)	17.03	0.90
		For Up To 50, Add	*3.27*	
		For >50 To 200, Add	*2.06*	
		For >200 To 500, Add	*0.94*	
		For >2,500 To 4,000, Deduct	*-0.43*	
		For >4,000 To 5,000, Deduct	*-0.85*	
		For >5,000, Deduct	*-1.32*	
		For Ceilings >10' High, Add	*0.13*	
09 51 33 33-0004	SF	24" x 24", Unperforated, 0.021" Thick, Metallic Painted Steel, Acoustical Tegular Lay-In Metal Ceiling Panel (Armstrong MetalWorks™)	19.20	0.90
		For Up To 50, Add	*3.59*	
		For >50 To 200, Add	*2.28*	
		For >200 To 500, Add	*1.05*	
		For >2,500 To 4,000, Deduct	*-0.48*	
		For >4,000 To 5,000, Deduct	*-0.96*	
		For >5,000, Deduct	*-1.48*	
		For Ceilings >10' High, Add	*0.13*	
09 51 33 33-0005	SF	24" x 24", Unperforated, 0.021" Thick, Wood Tone Painted Steel, Acoustical Tegular Lay-In Metal Ceiling Panel (Armstrong MetalWorks™)	27.25	0.90
		For Up To 50, Add	*4.80*	
		For >50 To 200, Add	*3.08*	
		For >200 To 500, Add	*1.45*	
		For >2,500 To 4,000, Deduct	*-0.68*	
		For >4,000 To 5,000, Deduct	*-1.36*	
		For >5,000, Deduct	*-2.09*	
		For Ceilings >10' High, Add	*0.13*	
09 51 33 33-0006	SF	24" x 24", Perforated, 0.021" Thick, Painted Steel, Acoustical Tegular Lay-In Metal Ceiling Panel (Armstrong MetalWorks™)	19.42	0.90
		For Up To 50, Add	*3.63*	
		For >50 To 200, Add	*2.30*	
		For >200 To 500, Add	*1.06*	
		For >2,500 To 4,000, Deduct	*-0.49*	
		For >4,000 To 5,000, Deduct	*-0.97*	
		For >5,000, Deduct	*-1.50*	
		For Ceilings >10' High, Add	*0.13*	
09 51 33 33-0007	SF	24" x 24", Perforated, 0.021" Thick, Metallic Painted Steel, Acoustical Tegular Lay-In Metal Ceiling Panel (Armstrong MetalWorks™)	22.03	0.90
		For Up To 50, Add	*4.02*	
		For >50 To 200, Add	*2.56*	
		For >200 To 500, Add	*1.19*	
		For >2,500 To 4,000, Deduct	*-0.55*	
		For >4,000 To 5,000, Deduct	*-1.10*	
		For >5,000, Deduct	*-1.70*	
		For Ceilings >10' High, Add	*0.13*	
09 51 33 33-0008	SF	24" x 24", Perforated, 0.021" Thick, Wood Tone Painted Steel, Acoustical Tegular Lay-In Metal Ceiling Panel (Armstrong MetalWorks™)	29.76	0.90
		For Up To 50, Add	*5.18*	
		For >50 To 200, Add	*3.33*	
		For >200 To 500, Add	*1.58*	
		For >2,500 To 4,000, Deduct	*-0.74*	
		For >4,000 To 5,000, Deduct	*-1.49*	
		For >5,000, Deduct	*-2.28*	
		For Ceilings >10' High, Add	*0.13*	

09 53 Acoustical Ceiling Suspension Assemblies *(09 50)*

09 53 23 Metal Acoustical Ceiling Suspension Assemblies *(09 53)*

09 53 23 00-0001		Ceiling Suspension Systems *(09 53 23)* Note: Hot-dipped galvanized steel. Includes single 8 gauge wire hangers (between 3' To 4') attached from wood deck or wood members above to main members 4' on center. Includes all main tees, cross tees, wall angle, wall anchors, connector clips, hold down clips, double faced tape (where required). All above shall be mechanically installed by minimum 2-1/4" x 3/8" wedge anchors. Excludes chain supports for lights.		
09 53 23 00-0002	SF	1' x 1' Grid, Concealed, Hot Dipped Galvanized Steel, 15/16" T Bar Ceiling Suspension System Note: Excludes ceiling tile.	4.96	0.59
		For Fastening To Concrete, Add	*1.54*	
		For Fastening To Steel, Add	*1.70*	
		For Vertical Application, Add	*2.27*	
		For Individual Room Quantities <495, Add *Note: For use with projects >500 SF*	*0.51*	
		For Up To 50, Add	*1.78*	
		For >50 To 200, Add	*1.01*	
		For >200 To 500, Add	*0.38*	
		For >2,500 To 4,000, Deduct	*-0.11*	
		For >4,000 To 5,000, Deduct	*-0.20*	
		For >5,000, Deduct	*-0.29*	
		For Ceilings >10' High, Add	*0.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 53 23 00-0003	SF	1' x 2' Grid, Hot Dipped Galvanized Steel, 15/16" T Bar Ceiling Suspension System	3.98	0.59
		For UL Listed (Fire Guard), Add	*0.27*	
		For 1-1/2" Wide Faced Grid, Add	*0.51*	
		For Fastening To Concrete, Add	*1.50*	
		For Fastening To Steel, Add	*1.66*	
		For Vertical Application, Add	*1.89*	
		For Chemical Corrosion Resistant, Polyvinyl Chloride (PVC) Coated, Add	*2.50*	
		For Individual Room Quantities <495, Add	*0.42*	
		Note: For use with projects >500 SF		
		For Aluminum T-Bar System, Add	*0.82*	
		For Up To 50, Add	*1.46*	
		For >50 To 200, Add	*0.83*	
		For >200 To 500, Add	*0.31*	
		For >2,500 To 4,000, Deduct	*-0.09*	
		For >4,000 To 5,000, Deduct	*-0.16*	
		For >5,000, Deduct	*-0.23*	
		For Ceilings >10' High, Add	*0.16*	
09 53 23 00-0004	SF	2' x 2' Grid, Hot Dipped Galvanized Steel, 15/16" T Bar Ceiling Suspension System	3.31	0.59
		For UL Listed (Fire Guard), Add	*0.20*	
		For 1-1/2" Wide Faced Grid, Add	*0.37*	
		For Fastening To Concrete, Add	*1.48*	
		For Fastening To Steel, Add	*1.64*	
		For Vertical Application, Add	*1.73*	
		For Chemical Corrosion Resistant, Polyvinyl Chloride (PVC) Coated, Add	*2.50*	
		For Individual Room Quantities <495, Add	*0.36*	
		Note: For use with projects >500 SF		
		For Aluminum T-Bar System, Add	*0.60*	
		For Up To 50, Add	*1.29*	
		For >50 To 200, Add	*0.73*	
		For >200 To 500, Add	*0.26*	
		For >2,500 To 4,000, Deduct	*-0.08*	
		For >4,000 To 5,000, Deduct	*-0.14*	
		For >5,000, Deduct	*-0.20*	
		For Ceilings >10' High, Add	*0.15*	
		For Concealed Spline Grid, Add	*0.53*	
09 53 23 00-0005	SF	2' x 4' Grid, Hot Dipped Galvanized Steel, 15/16" T Bar Ceiling Suspension System	2.74	0.59
		For UL Listed (Fire Guard), Add	*0.16*	
		For 1-1/2" Wide Faced Grid, Add	*0.30*	
		For Fastening To Concrete, Add	*1.45*	
		For Fastening To Steel, Add	*1.61*	
		For Vertical Application, Add	*1.66*	
		For Chemical Corrosion Resistant, Polyvinyl Chloride (PVC) Coated, Add	*2.50*	
		For Individual Room Quantities <495, Add	*0.30*	
		Note: For use with projects >500 SF		
		For Aluminum T-Bar System, Add	*0.49*	
		For Up To 50, Add	*1.08*	
		For >50 To 200, Add	*0.61*	
		For >200 To 500, Add	*0.22*	
		For >2,500 To 4,000, Deduct	*-0.06*	
		For >4,000 To 5,000, Deduct	*-0.12*	
		For >5,000, Deduct	*-0.17*	
		For Ceilings >10' High, Add	*0.12*	
		For Concealed Spline Grid, Add	*0.44*	
09 53 23 00-0006	SF	1'-8" To 2' x 5' Grid, Hot Dipped Galvanized Steel, 15/16" T Bar Ceiling Suspension System	2.42	0.59
		For UL Listed (Fire Guard), Add	*0.15*	
		For 1-1/2" Wide Faced Grid, Add	*0.28*	
		For Fastening To Concrete, Add	*1.42*	
		For Fastening To Steel, Add	*1.58*	
		For Chemical Corrosion Resistant, Polyvinyl Chloride (PVC) Coated, Add	*2.50*	
		For Individual Room Quantities <495, Add	*0.26*	
		Note: For use with projects >500 SF		
		For Aluminum T-Bar System, Add	*0.45*	
		For Up To 50, Add	*0.94*	
		For >50 To 200, Add	*0.53*	
		For >200 To 500, Add	*0.19*	
		For >2,500 To 4,000, Deduct	*-0.06*	
		For >4,000 To 5,000, Deduct	*-0.10*	
		For >5,000, Deduct	*-0.15*	
		For Ceilings >10' High, Add	*0.11*	
09 53 23 00-0007	SF	2' x 2' Grid, Hot Dipped Galvanized Steel, 9/16" T Bar Ceiling Suspension System	3.59	0.59
		For UL Listed (Fire Guard), Add	*0.24*	
		For Fastening To Concrete, Add	*1.48*	
		For Fastening To Steel, Add	*1.64*	
		For Vertical Application, Add	*1.73*	
		For Chemical Corrosion Resistant, Polyvinyl Chloride (PVC) Coated, Add	*2.50*	
		For Individual Room Quantities <495, Add	*0.38*	
		Note: For use with projects >500 SF		
		For Up To 50, Add	*1.33*	
		For >50 To 200, Add	*0.76*	
		For >200 To 500, Add	*0.28*	
		For >2,500 To 4,000, Deduct	*-0.08*	
		For >4,000 To 5,000, Deduct	*-0.15*	
		For >5,000, Deduct	*-0.21*	
		For Ceilings >10' High, Add	*0.15*	
		For Black Grid, Add	*0.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 53 23 00-0008	SF	2' x 4' Grid, Hot Dipped Galvanized Steel, 9/16" T Bar Ceiling Suspension System	2.96	0.59
		For UL Listed (Fire Guard), Add	*0.20*	
		For Fastening To Concrete, Add	*1.45*	
		For Fastening To Steel, Add	*1.61*	
		For Vertical Application, Add	*1.66*	
		For Chemical Corrosion Resistant, Polyvinyl Chloride (PVC) Coated, Add	*2.50*	
		For Individual Room Quantities <495, Add	*0.31*	
		Note: For use with projects >500 SF		
		For Up To 50, Add	*1.11*	
		For >50 To 200, Add	*0.63*	
		For >200 To 500, Add	*0.23*	
		For >2,500 To 4,000, Deduct	*-0.07*	
		For >4,000 To 5,000, Deduct	*-0.12*	
		For >5,000, Deduct	*-0.18*	
		For Ceilings >10' High, Add	*0.12*	
		For Black Grid, Add	*0.16*	
09 53 23 00-0009		Ceiling Suspension System Accessories *(09 53 23)*		
09 53 23 00-0010	LF	Pencil Rod Support For Suspended Ceiling with Accessories	1.48	
09 53 23 00-0011	LF	1" x 1/8" Flat Bar Bracing For Suspended Ceiling	3.59	1.66
		For 304 Stainless Steel, Add	*3.11*	
		For 316 Stainless Steel, Add	*3.49*	
		For Aluminum, Add	*0.20*	
		For Galvanized Steel, Add	*0.68*	
09 53 23 00-0012	LF	1" x 3/16" Flat Bar Bracing For Suspended Ceiling	5.13	1.78
		For 304 Stainless Steel, Add	*4.73*	
		For 316 Stainless Steel, Add	*5.31*	
		For Aluminum, Add	*0.30*	
		For Galvanized Steel, Add	*1.03*	
09 53 23 00-0013	LF	1-1/2" x 1/4" Flat Bar Bracing For Suspended Ceiling	7.23	1.90
		For 304 Stainless Steel, Add	*9.43*	
		For 316 Stainless Steel, Add	*10.59*	
		For Aluminum, Add	*0.60*	
		For Galvanized Steel, Add	*2.05*	
09 53 23 00-0014	EA	2', Exposed 15/16" Hot-dipped Galvanized Steel, Suspended Ceiling Cross Tee Note: Can be used to convert an existing 2' x 4' suspension system to a 2' x 2' system or to replace an individual component.	7.59	0.34
09 53 23 00-0015	EA	Up To 30" Compression Posts, Telescopic, With Splay Wires, Attached To Structure For Suspended Ceiling	92.94	24.18
09 53 23 00-0016	EA	>30" To 48" Compression Posts, Telescopic, With Splay Wires, Attached To Structure For Suspended Ceiling	96.48	24.64
09 53 23 00-0017	EA	>48" To 84" Compression Posts, Telescopic, With Splay Wires, Attached To Structure For Suspended Ceiling	109.15	24.64
09 53 23 00-0018		Removal And Reinstallation Of Acoustical Ceiling Suspension Assembly *(09 53 23)* Note: 2'x2' Or 2'x4'. Includes storage and cleaning.		
09 53 23 00-0019	SF	Removal And Reinstallation Of 2' x 2' Or 2' x 4' Acoustical Ceiling Tile And Grid Assembly Note: Suspension system tie wire, wall angles and bracing to remain in place.	3.28	
		For Up To 50, Add	*1.80*	
		For >50 To 200, Add	*0.98*	
		For >200 To 500, Add	*0.33*	
		For >2,500 To 4,000, Deduct	*-0.08*	
		For >4,000 To 5,000, Deduct	*-0.16*	
		For >5,000, Deduct	*-0.25*	
		For Ceilings >10' High, Add	*0.25*	
09 53 23 00-0020	SF	Removal And Reinstallation Of Grid System Assembly Note: Suspension system tie wire, wall angles and bracing to remain in place. Excludes ceiling tiles.	1.43	
		For Up To 50, Add	*0.79*	
		For >50 To 200, Add	*0.43*	
		For >200 To 500, Add	*0.14*	
		For >2,500 To 4,000, Deduct	*-0.04*	
		For >4,000 To 5,000, Deduct	*-0.07*	
		For >5,000, Deduct	*-0.11*	
		For Ceilings >10' High, Add	*0.11*	

09 54 Specialty Ceilings *(09 50)*

09 54 23 Linear Metal Ceilings *(09 54)*

09 54 23 00-0001 Linear Ceiling Systems *(09 54 23)*

09 54 23 00-0002 0.032" Aluminum, Linear Ceiling Systems *(09 54 23 00-0001)*

Note: For flat ceilings. Includes round or box style panels with KYNAR 500® or HYLAR 5000® PVDF finish. Includes ceiling suspension system and flush or recessed filler strips.

09 54 23 00-0003	SF	4" Panel Width, 0.032" Aluminum, Linear Ceiling System	22.62	2.39
		For Up To 50, Add	*5.69*	
		For >50 To 200, Add	*3.41*	
		For >200 To 500, Add	*1.42*	
		For >2,500, Deduct	*-1.13*	
		For Ceilings >10' High, Add	*0.43*	
		For Linear Ceiling Systems Without Filler Strips, Deduct	*-4.18*	
		For Curved Ceilings, Add	*1.37*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 54 23 00-0004	SF	8" Panel Width, 0.032" Aluminum, Linear Ceiling System	18.17	2.39
		For Up To 50, Add	*4.97*	
		For >50 To 200, Add	*2.94*	
		For >200 To 500, Add	*1.19*	
		For >2,500, Deduct	*-0.91*	
		For Ceilings >10' High, Add	*0.42*	
		For Linear Ceiling Systems Without Filler Strips, Deduct	*-2.08*	
		For Curved Ceilings, Add	*1.34*	
09 54 23 00-0005	SF	12" Panel Width, 0.032" Aluminum, Linear Ceiling System	16.44	2.39
		For Up To 50, Add	*4.66*	
		For >50 To 200, Add	*2.74*	
		For >200 To 500, Add	*1.10*	
		For >2,500, Deduct	*-0.82*	
		For Ceilings >10' High, Add	*0.41*	
		For Linear Ceiling Systems Without Filler Strips, Deduct	*-1.38*	
		For Curved Ceilings, Add	*1.32*	

09 54 23 00-0006 Tin Ceilings *(09 54 23)*

09 54 23 00-0007	SF	2' x 2' Tin Ceiling Embossed Panels	22.02	3.70
		For Up To 50, Add	*5.09*	
		For >50 To 200, Add	*3.09*	
		For >200 To 500, Add	*1.32*	
		For >2,500, Deduct	*-1.10*	
		For Ceilings >10' High, Add	*0.33*	
09 54 23 00-0008	SF	12" x 12" Tin Ceiling Embossed Plates	32.70	2.39
		For Up To 50, Add	*6.79*	
		For >50 To 200, Add	*4.21*	
		For >200 To 500, Add	*1.87*	
		For >2,500, Deduct	*-1.64*	
		For Ceilings >10' High, Add	*0.35*	
09 54 23 00-0009	SF	12" x 24" Tin Ceiling Embossed Plates	23.79	2.39
		For Up To 50, Add	*5.45*	
		For >50 To 200, Add	*3.32*	
		For >200 To 500, Add	*1.43*	
		For >2,500, Deduct	*-1.19*	
		For Ceilings >10' High, Add	*0.35*	
09 54 23 00-0010	SF	24" x 24" Tin Ceiling Embossed Plates	21.85	2.39
		For Up To 50, Add	*5.01*	
		For >50 To 200, Add	*3.05*	
		For >200 To 500, Add	*1.31*	
		For >2,500, Deduct	*-1.09*	
		For Ceilings >10' High, Add	*0.33*	
09 54 23 00-0011	SF	24" x 48" Tin Ceiling Embossed Plates	19.06	1.79
		For Up To 50, Add	*4.38*	
		For >50 To 200, Add	*2.66*	
		For >200 To 500, Add	*1.14*	
		For >2,500, Deduct	*-0.95*	
		For Ceilings >10' High, Add	*0.28*	
09 54 23 00-0012	LF	3" Or 4" Wide Embossed Molding	14.71	3.59
09 54 23 00-0013	LF	6" Wide Embossed Molding	18.46	4.18
09 54 23 00-0014	LF	12" Wide Embossed Molding	24.80	4.90
09 54 23 00-0015	EA	3", 4" Or 6" Wide Embossed Cross, Tee Or Ell	42.50	11.34
09 54 23 00-0016	EA	12" Wide Embossed Cross, Tee Or Ell	59.16	13.26

09 57 Special Function Ceilings *(09 50)*

09 57 63 High Impact Ceilings *(09 57)*

09 57 63 00-0001 High Impact Ceilings *(09 57 63)*

09 57 63 00-0002	SF	Polyvinyl Chloride Face High Impact Ceiling Panels	13.20	1.19
		For Ceilings >10' High, Add	*0.14*	
09 57 63 00-0003	EA	High Impact Clips	5.92	0.96
		For Ceilings >10' High, Add	*0.22*	

09 60 Flooring *(09)*

Note: Perform moisture testing as recommended by manufacturer.

09 61 Flooring Treatment *(09 60)*

09 61 13 Slip-Resistant Flooring Treatment *(09 61)*

09 61 13 00-0001 Anti-Slip Tape *(09 61 13)*

Note: Grit sandpaper surface with adhesive back.

09 61 13 00-0002	LF	1" Anti-Slip Tape	3.14	2.37
09 61 13 00-0003	LF	2" Anti-Slip Tape	3.99	2.62
09 61 13 00-0004	LF	3" Anti-Slip Tape	4.81	2.88
09 61 13 00-0005	LF	4" Anti-Slip Tape	5.58	3.16
09 61 13 00-0006	LF	6" Anti-Slip Tape	7.13	3.48
09 61 13 00-0007	LF	12" Anti-Slip Tape	12.49	5.22
09 61 13 00-0008	LF	24" Anti-Slip Tape	17.68	7.84

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

09 63 Masonry Flooring *(09 60)*

09 63 13 Brick Flooring *(09 63)*

09 63 13 00-0001 Clay Bricks *(09 63 13)*

09 63 13 00-0002	SF	2-1/4" Thick Clay Brick Floor	30.87	11.59
		For Basket Weave Pattern, Add	*2.48*	
		For Herringbone Pattern, Add	*3.30*	
		For Epoxy Joints, Add	*5.85*	
09 63 13 00-0003	SF	3" Thick Clay Brick Floor	34.44	11.59
		For Basket Weave Pattern, Add	*2.48*	
		For Herringbone Pattern, Add	*3.30*	
		For Epoxy Joints, Add	*5.85*	
09 63 13 00-0004	SF	1/2" Thick Unglazed Clay Brick Floor	20.83	11.59
		For Basket Weave Pattern, Add	*2.48*	
		For Herringbone Pattern, Add	*3.30*	
		For Epoxy Joints, Add	*5.85*	
09 63 13 00-0005	SF	1/2" Thick Glazed Clay Brick Floor	24.07	11.59
		For Basket Weave Pattern, Add	*2.48*	
		For Herringbone Pattern, Add	*3.30*	
		For Epoxy Joints, Add	*5.85*	
09 63 13 00-0006	SF	3/4" Thick Unglazed Clay Brick Floor	22.28	11.59
		For Basket Weave Pattern, Add	*2.48*	
		For Herringbone Pattern, Add	*3.30*	
		For Epoxy Joints, Add	*5.85*	
09 63 13 00-0007	SF	3/4" Thick Glazed Clay Brick Floor	26.58	11.59
		For Basket Weave Pattern, Add	*2.48*	
		For Herringbone Pattern, Add	*3.30*	
		For Epoxy Joints, Add	*5.85*	
09 63 13 00-0008	SF	15/16" Thick Unglazed Clay Brick Floor	23.68	11.59
		For Basket Weave Pattern, Add	*2.48*	
		For Herringbone Pattern, Add	*3.30*	
		For Epoxy Joints, Add	*5.85*	
09 63 13 00-0009	SF	15/16" Thick Glazed Clay Brick Floor	29.12	11.59
		For Basket Weave Pattern, Add	*2.48*	
		For Herringbone Pattern, Add	*3.30*	
		For Epoxy Joints, Add	*5.85*	

09 63 43 Composition Stone Flooring *(09 63)*

09 63 43 00-0001 Cupric Oxychloride Cement, Seamless Flooring System *(09 63 43)*

Note: Chemical and slip resistant. OSHA and USDA approved.

09 63 43 00-0002	SF	3/8" Thick, Cupric Oxychloride Cement, Seamless Flooring System, Trowel Applied	20.18	6.63

09 64 Wood Flooring *(09 60)*

09 64 13 Wood Flooring Underlayment *(09 64)*

09 64 13 00-0001 Wood Flooring Underlayment *(09 64 13)*

09 64 13 00-0002	SF	Regular Weight Red Rosin Paper, Wood Flooring Underlayment	0.59	
09 64 13 00-0003	SF	Heavy Weight Red Rosin Paper, Wood Flooring Underlayment	0.61	
09 64 13 00-0004	SF	30 LB, Waxed Paper, Wood Flooring Underlayment	0.63	
09 64 13 00-0005	SF	15 LB, Asphalt Saturated Organic Felt, Wood Flooring Underlayment	0.69	
09 64 13 00-0006	SF	6 Mil Thick, Polyethylene Film, Wood Flooring Underlayment	0.63	
09 64 13 00-0007	SF	8 Mil Thick, Polyethylene Film, Wood Flooring Underlayment	0.69	
09 64 13 00-0008	SF	1/8" Thick, Natural Cork, Wood Flooring Underlayment	2.54	0.41
09 64 13 00-0009	SF	1/4" Thick, Natural Cork, Wood Flooring Underlayment	2.65	0.41
09 64 13 00-0010	SF	3/32" Thick, Polyethylene Foam, Wood Flooring Underlayment (Roberts® Unison™ 70-025-15)	0.98	
09 64 13 00-0011	SF	2.0mm Thick, Progressive Foam Technology, Wood Flooring Underlayment (Roberts® Quiet Cushion 70-180)	1.20	
09 64 13 00-0012	SF	4.0mm Thick, Compressed Fiber, Wood Flooring Underlayment (Roberts® Super Felt 70-193)	1.29	
09 64 13 00-0013	SF	2.5mm Thick, Closed Cell Foam, Wood Flooring Underlayment (Roberts® Black Jack™ 70-026)	1.55	
09 64 13 00-0014	SF	1/8" Thick, Moisture Barrier, Sound Reduction And Cushioning, Wood Flooring Underlayment (Roberts® AirGuard™ 70-105)	1.57	0.28

09 64 23 Wood Parquet Flooring *(09 64)*

Note: All wood parquet flooring is prefinished at factory.

09 64 23 00-0001 Hardwood Parquet Flooring *(09 64 23)*

09 64 23 00-0002	SF	5/16" Thick Oak Parquet Flooring	12.47	1.19
		For Up To 20, Add	*5.22*	
		For >20 To 50, Add	*2.74*	
		For >50 To 100, Add	*1.37*	
		For >100 To 300, Add	*0.68*	

09 64 29 Wood Strip and Plank Flooring *(09 64)*

Note: All wood strip flooring is unfinished, tongue and groove.

09 64 29 00-0001 Unfinished Fir, Wood Strip Flooring *(09 64 29)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 64 29 00-0002	SF	3-1/8" Plank Width, 3/4" Thick, Plain Sawn, Clear Vertical Grain (C Or Better) Unfinished Fir, Wood Strip Flooring	14.99	1.19
		For Factory Finish, Add	*0.96*	
		For Random Width Floor, Add	*3.48*	
		For Up To 20, Add	*4.66*	
		For >20 To 50, Add	*2.57*	
		For >50 To 100, Add	*1.28*	
		For >100 To 300, Add	*0.64*	

09 64 29 00-0003 Unfinished Oak, Wood Strip Flooring *(09 64 29)*

09 64 29 00-0004 Unfinished White Oak, Wood Strip Flooring *(09 64 29 00-0003)*

09 64 29 00-0005	SF	2-1/4" Plank Width, 3/4" Thick, Plain Sawn, #2 Common Unfinished White Oak, Wood Strip Flooring	12.02	1.19
		For Factory Finish, Add	*0.50*	
		For Random Width Floor, Add	*2.66*	
		For Up To 20, Add	*4.95*	
		For >20 To 50, Add	*2.60*	
		For >50 To 100, Add	*1.30*	
		For >100 To 300, Add	*0.65*	
09 64 29 00-0006	SF	2-1/4" Plank Width, 3/4" Thick, Plain Sawn, #1 Common Unfinished White Oak, Wood Strip Flooring	12.67	1.19
		For Factory Finish, Add	*0.57*	
		For Random Width Floor, Add	*2.82*	
		For Up To 20, Add	*5.05*	
		For >20 To 50, Add	*2.67*	
		For >50 To 100, Add	*1.33*	
		For >100 To 300, Add	*0.67*	
09 64 29 00-0007	SF	2-1/4" Plank Width, 3/4" Thick, Plain Sawn, Select Unfinished White Oak, Wood Strip Flooring	13.66	1.19
		For Factory Finish, Add	*0.67*	
		For Random Width Floor, Add	*3.07*	
		For Up To 20, Add	*5.19*	
		For >20 To 50, Add	*2.76*	
		For >50 To 100, Add	*1.38*	
		For >100 To 300, Add	*0.69*	
09 64 29 00-0008	SF	3-1/4" Plank Width, 3/4" Thick, Plain Sawn, #2 Common Unfinished White Oak, Wood Strip Flooring	10.60	1.19
		For Factory Finish, Add	*0.53*	
		For Random Width Floor, Add	*2.38*	
		For Up To 20, Add	*4.00*	
		For >20 To 50, Add	*2.13*	
		For >50 To 100, Add	*1.07*	
		For >100 To 300, Add	*0.53*	
09 64 29 00-0009	SF	3-1/4" Plank Width, 3/4" Thick, Plain Sawn, #1 Common Unfinished White Oak, Wood Strip Flooring	11.12	1.19
		For Factory Finish, Add	*0.58*	
		For Random Width Floor, Add	*2.51*	
		For Up To 20, Add	*4.08*	
		For >20 To 50, Add	*2.18*	
		For >50 To 100, Add	*1.09*	
		For >100 To 300, Add	*0.55*	
09 64 29 00-0010	SF	3-1/4" Plank Width, 3/4" Thick, Plain Sawn, Select Unfinished White Oak, Wood Strip Flooring	12.13	1.19
		For Factory Finish, Add	*0.68*	
		For Random Width Floor, Add	*2.77*	
		For Up To 20, Add	*4.23*	
		For >20 To 50, Add	*2.28*	
		For >50 To 100, Add	*1.14*	
		For >100 To 300, Add	*0.57*	

09 64 29 00-0011 Unfinished Red Oak, Wood Strip Flooring *(09 64 29 00-0003)*

09 64 29 00-0012	SF	2-1/4" Plank Width, 3/4" Thick, Plain Sawn, #2 Common Unfinished Red Oak, Wood Strip Flooring	12.13	1.19
		For Factory Finish, Add	*0.51*	
		For Random Width Floor, Add	*2.68*	
		For Up To 20, Add	*4.97*	
		For >20 To 50, Add	*2.61*	
		For >50 To 100, Add	*1.31*	
		For >100 To 300, Add	*0.65*	
09 64 29 00-0013	SF	2-1/4" Plank Width, 3/4" Thick, Plain Sawn, #1 Common Unfinished Red Oak, Wood Strip Flooring	12.78	1.19
		For Factory Finish, Add	*0.58*	
		For Random Width Floor, Add	*2.85*	
		For Up To 20, Add	*5.06*	
		For >20 To 50, Add	*2.68*	
		For >50 To 100, Add	*1.34*	
		For >100 To 300, Add	*0.67*	
09 64 29 00-0014	SF	2-1/4" Plank Width, 3/4" Thick, Plain Sawn, Select Unfinished Red Oak, Wood Strip Flooring	13.77	1.19
		For Factory Finish, Add	*0.68*	
		For Random Width Floor, Add	*3.09*	
		For Up To 20, Add	*5.21*	
		For >20 To 50, Add	*2.78*	
		For >50 To 100, Add	*1.39*	
		For >100 To 300, Add	*0.69*	
09 64 29 00-0015	SF	3-1/4" Plank Width, 3/4" Thick, Plain Sawn, #2 Common Unfinished Red Oak, Wood Strip Flooring	10.71	1.19
		For Factory Finish, Add	*0.54*	
		For Random Width Floor, Add	*2.41*	
		For Up To 20, Add	*4.01*	
		For >20 To 50, Add	*2.14*	
		For >50 To 100, Add	*1.07*	
		For >100 To 300, Add	*0.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 64 29 00-0016	SF	3-1/4" Plank Width, 3/4" Thick, Plain Sawn, #1 Common Unfinished Red Oak, Wood Strip Flooring	11.36	1.19
		For Factory Finish, Add	*0.60*	
		For Random Width Floor, Add	*2.57*	
		For Up To 20, Add	*4.11*	
		For >20 To 50, Add	*2.21*	
		For >50 To 100, Add	*1.10*	
		For >100 To 300, Add	*0.55*	
09 64 29 00-0017	SF	3-1/4" Plank Width, 3/4" Thick, Plain Sawn, Select Unfinished Red Oak, Wood Strip Flooring	12.24	1.19
		For Factory Finish, Add	*0.69*	
		For Random Width Floor, Add	*2.79*	
		For Up To 20, Add	*4.24*	
		For >20 To 50, Add	*2.29*	
		For >50 To 100, Add	*1.15*	
		For >100 To 300, Add	*0.57*	

09 64 29 00-0018 Unfinished Maple, Wood Strip Flooring *(09 64 29)*

09 64 29 00-0019 25/32" Thick, Unfinished Maple, Wood Strip Flooring *(09 64 29 00-0018)*

09 64 29 00-0020	SF	2-1/4" Plank Width, 25/32" Thick, Plain Sawn, First Grade (Select Or Better) Unfinished Maple, Wood Strip Flooring	14.53	1.19
		For Factory Finish, Add	*0.75*	
		For Random Width Floor, Add	*3.28*	
		For Up To 20, Add	*5.33*	
		For >20 To 50, Add	*2.85*	
		For >50 To 100, Add	*1.43*	
		For >100 To 300, Add	*0.71*	
09 64 29 00-0021	SF	2-1/4" Plank Width, 25/32" Thick, Plain Sawn, Second Grade (#1 Common) Unfinished Maple, Wood Strip Flooring	13.44	1.19
		For Factory Finish, Add	*0.65*	
		For Random Width Floor, Add	*3.01*	
		For Up To 20, Add	*5.16*	
		For >20 To 50, Add	*2.74*	
		For >50 To 100, Add	*1.37*	
		For >100 To 300, Add	*0.69*	
09 64 29 00-0022	SF	3" Plank Width, 25/32" Thick, Plain Sawn, First Grade (Select Or Better) Unfinished Maple, Wood Strip Flooring	13.33	1.19
		For Factory Finish, Add	*0.80*	
		For Random Width Floor, Add	*3.07*	
		For Up To 20, Add	*4.41*	
		For >20 To 50, Add	*2.40*	
		For >50 To 100, Add	*1.20*	
		For >100 To 300, Add	*0.60*	
09 64 29 00-0023	SF	3" Plank Width, 25/32" Thick, Plain Sawn, Second Grade (#1 Common) Unfinished Maple, Wood Strip Flooring	12.24	1.19
		For Factory Finish, Add	*0.69*	
		For Random Width Floor, Add	*2.79*	
		For Up To 20, Add	*4.24*	
		For >20 To 50, Add	*2.29*	
		For >50 To 100, Add	*1.15*	
		For >100 To 300, Add	*0.57*	

09 64 29 00-0024 33/32" Thick, Unfinished Maple, Wood Strip Flooring *(09 64 29 00-0018)*

09 64 29 00-0025	SF	2-1/4" Plank Width, 33/32" Thick, Plain Sawn, First Grade (Select Or Better) Unfinished Maple, Wood Strip Flooring	16.89	1.19
		For Factory Finish, Add	*0.99*	
		For Random Width Floor, Add	*3.87*	
		For Up To 20, Add	*5.68*	
		For >20 To 50, Add	*3.09*	
		For >50 To 100, Add	*1.54*	
		For >100 To 300, Add	*0.77*	
09 64 29 00-0026	SF	2-1/4" Plank Width, 33/32" Thick, Plain Sawn, Second Grade (#1 Common) Unfinished Maple, Wood Strip Flooring	15.43	1.19
		For Factory Finish, Add	*0.84*	
		For Random Width Floor, Add	*3.51*	
		For Up To 20, Add	*5.46*	
		For >20 To 50, Add	*2.94*	
		For >50 To 100, Add	*1.47*	
		For >100 To 300, Add	*0.74*	
09 64 29 00-0027	SF	3" Plank Width, 33/32" Thick, Plain Sawn, First Grade (Select Or Better) Unfinished Maple, Wood Strip Flooring	15.84	1.19
		For Factory Finish, Add	*1.05*	
		For Random Width Floor, Add	*3.69*	
		For Up To 20, Add	*4.78*	
		For >20 To 50, Add	*2.65*	
		For >50 To 100, Add	*1.33*	
		For >100 To 300, Add	*0.66*	
09 64 29 00-0028	SF	3" Plank Width, 33/32" Thick, Plain Sawn, Second Grade (#1 Common) Unfinished Maple, Wood Strip Flooring	14.38	1.19
		For Factory Finish, Add	*0.90*	
		For Random Width Floor, Add	*3.33*	
		For Up To 20, Add	*4.56*	
		For >20 To 50, Add	*2.51*	
		For >50 To 100, Add	*1.25*	
		For >100 To 300, Add	*0.63*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 64 29 00-0029		**Prefinished Engineered Wood Flooring** *(09 64 29)* Note: Glued or nailed. Excludes underlayment. See CSI section 09 64 13 00-0001 for wood flooring underlayment.		
09 64 29 00-0030	SF	1/2" Thick, Red Oak, Prefinished Engineered Wood Flooring	17.37	1.19
		For Up To 20, Add	*4.71*	
		For >20 To 50, Add	*2.67*	
		For >50 To 100, Add	*1.34*	
		For >100 To 300, Add	*0.67*	
09 64 29 00-0031	SF	1/2" Thick, White Oak, Prefinished Engineered Wood Flooring	17.37	1.19
		For Up To 20, Add	*4.71*	
		For >20 To 50, Add	*2.67*	
		For >50 To 100, Add	*1.34*	
		For >100 To 300, Add	*0.67*	
09 64 29 00-0032	SF	1/2" Thick, Select Maple, Prefinished Engineered Wood Flooring	16.81	1.19
		For Up To 20, Add	*4.62*	
		For >20 To 50, Add	*2.62*	
		For >50 To 100, Add	*1.31*	
		For >100 To 300, Add	*0.65*	
09 64 29 00-0033	SF	1/2" Thick, Natural Hickory, Prefinished Engineered Wood Flooring	17.23	1.19
		For Up To 20, Add	*4.69*	
		For >20 To 50, Add	*2.66*	
		For >50 To 100, Add	*1.33*	
		For >100 To 300, Add	*0.66*	

09 64 66 Wood Athletic Flooring *(09 64)*

Note: 1-1/2" or 2-1/4" widths. Excludes finish.

09 64 66 00-0001		**Wood Gym/Stage/Dance Floors Applied On Existing Subfloor** *(09 64 66)* Note: Includes sanding. Excludes concrete repairs to subbase, subflooring, thresholds, and finishing.		
09 64 66 00-0002	SF	25/32" Maple Wood Gym/Stage/Dance Floor	16.89	5.95
		For Oak Or Birch, Deduct	*-0.20*	
		For Pine, Deduct	*-0.30*	
		For #1 Grade Material, Add	*0.50*	
09 64 66 00-0003	SF	33/32" Maple Wood Gym/Stage/Dance Floor	20.27	6.19
		For Oak Or Birch, Deduct	*-0.20*	
		For Pine, Deduct	*-0.30*	
		For #1 Grade Material, Add	*0.50*	
09 64 66 00-0004		**Wood Gym/Stage/Dance Floor Systems** *(09 64 66)* Note: Includes sanding. Excludes concrete repairs to subbase, thresholds, and finishing.		
09 64 66 00-0005	SF	Floating 25/32" Maple Wood Gym/Stage/Dance Floor System, Two Layers Of Plywood Panel Subfloor With Resilient Pads (Connor DuraCushion) Note: Includes 6 mil polyethylene vapor barrier, two layers of 15/32" plywood subfloor and 3/8" resilient pads.	22.56	7.73
		For Oak Or Birch, Deduct	*-0.20*	
		For Pine, Deduct	*-0.30*	
		For #1 Grade Material, Add	*0.50*	
09 64 66 00-0006	SF	Floating 25/32" Maple Wood Gym/Stage/Dance Floor System, Two Layers Of Plywood Panel Subfloor With Two Stage Resilient Pads (Connor NeoShok) Note: Includes 6 mil polyethylene vapor barrier, two layers of 15/32" plywood subfloor and 3/4" hemispherical two stage polyurethane resilient pads.	23.90	7.73
		For Oak Or Birch, Deduct	*-0.20*	
		For Pine, Deduct	*-0.30*	
		For #1 Grade Material, Add	*0.50*	
09 64 66 00-0007	SF	Floating 25/32" Maple Wood Gym/Stage/Dance Floor System, One Layer Of Plywood Subfloor With Continuous Steel Channel Encased Sleepers And Resilient Pads (Connor PermaFlex) Note: Includes 6 mil polyethylene vapor barrier, one layer of 15/32" plywood subfloor, a continuous steel channel encasing a 23/32" fixed sleeper, a 7/16" resilient pad and a 23/32" flex sleeper.	26.81	7.73
		For Oak Or Birch, Deduct	*-0.20*	
		For Pine, Deduct	*-0.30*	
		For #1 Grade Material, Add	*0.50*	
09 64 66 00-0008	SF	Fixed Resilient 25/32" Maple Wood Gym/Stage/Dance Floor System, One Layer Of Plywood Panel Subfloor With Resilient Pads (Connor Focus) Note: Includes 6 mil polyethylene vapor barrier, one layer of 3/4" subfloor, 9/16" resilient pads and concrete anchors and clips.	25.49	7.73
		For Oak Or Birch, Deduct	*-0.20*	
		For Pine, Deduct	*-0.30*	
		For #1 Grade Material, Add	*0.50*	
09 64 66 00-0009	SF	Clip And Channel, Fixed 33/32" Maple Wood Gym/Stage/Dance Floor System (Connor PermaLock) Note: Includes 6 mil polyethylene vapor barrier, one layer of 1/2" impregnated fiberboard with channel grooves for 16 gauge steel anchor channel.	28.73	7.73
		For Oak Or Birch, Deduct	*-0.20*	
		For Pine, Deduct	*-0.30*	
		For #1 Grade Material, Add	*0.50*	

09 65 Resilient Flooring *(09 60)*

See CSI section 03 54 16 00-0001 for self leveling underlayment for uneven floors.

09 65 13 Resilient Base and Accessories *(09 65)*

09 65 13 13 Resilient Base *(09 65 13)*

09 65 13 13-0001		**Type TV Thermoplastic Vinyl Wall Base** *(09 65 13 13)* Note: Includes inside and outside corners.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 65 13 13-0002	LF	2-1/2" High, 1/8" Thick, Type TV Thermoplastic Vinyl Wall Base, All Colors	4.79	1.49
		For Up To 20, Add	*1.90*	
		For >20 To 40, Add	*1.07*	
		For >40 To 80, Add	*0.39*	
		For >240 To 960, Deduct	*-0.33*	
		For >960, Deduct	*-0.50*	
09 65 13 13-0003	LF	4" High, 1/8" Thick, Type TV Thermoplastic Vinyl Wall Base, All Colors	5.48	1.49
		For Up To 20, Add	*2.01*	
		For >20 To 40, Add	*1.14*	
		For >40 To 80, Add	*0.42*	
		For >240 To 960, Deduct	*-0.40*	
		For >960, Deduct	*-0.60*	
09 65 13 13-0004	LF	6" High, 1/8" Thick, Type TV Thermoplastic Vinyl Wall Base, All Colors	6.96	1.49
		For Up To 20, Add	*2.23*	
		For >20 To 40, Add	*1.29*	
		For >40 To 80, Add	*0.50*	
		For >240 To 960, Deduct	*-0.55*	
		For >960, Deduct	*-0.82*	

09 65 13 13-0005 Type TP Thermoplastic Rubber Wall Base *(09 65 13 13)*

Note: Includes inside and outside corners.

09 65 13 13-0006	LF	2-1/2" High, 1/8" Thick, Type TP Thermoplastic Rubber Wall Base, All Colors	5.23	1.49
		For Up To 20, Add	*1.97*	
		For >20 To 40, Add	*1.12*	
		For >40 To 80, Add	*0.41*	
		For >240 To 960, Deduct	*-0.38*	
		For >960, Deduct	*-0.56*	
09 65 13 13-0007	LF	4" High, 1/8" Thick, Type TP Thermoplastic Rubber Wall Base, All Colors	5.75	1.49
		For Up To 20, Add	*2.05*	
		For >20 To 40, Add	*1.17*	
		For >40 To 80, Add	*0.44*	
		For >240 To 960, Deduct	*-0.43*	
		For >960, Deduct	*-0.64*	
09 65 13 13-0008	LF	6" High, 1/8" Thick, Type TP Thermoplastic Rubber Wall Base, All Colors	7.19	1.49
		For Up To 20, Add	*2.26*	
		For >20 To 40, Add	*1.31*	
		For >40 To 80, Add	*0.51*	
		For >240 To 960, Deduct	*-0.57*	
		For >960, Deduct	*-0.86*	
09 65 13 13-0009	LF	2-1/2" High, 3/8" Thick, Type TP Thermoplastic Rubber Wall Base, All Colors	9.21	1.49
		For Up To 20, Add	*2.57*	
		For >20 To 40, Add	*1.51*	
		For >40 To 80, Add	*0.61*	
		For >240 To 960, Deduct	*-0.77*	
		For >960, Deduct	*-1.16*	
09 65 13 13-0010	LF	3" High, 3/8" Thick, Type TP Thermoplastic Rubber Wall Base, All Colors	9.65	1.49
		For Up To 20, Add	*2.63*	
		For >20 To 40, Add	*1.56*	
		For >40 To 80, Add	*0.63*	
		For >240 To 960, Deduct	*-0.82*	
		For >960, Deduct	*-1.23*	
09 65 13 13-0011	LF	4-1/2" High, 3/8" Thick, Type TP Thermoplastic Rubber Wall Base, All Colors	11.91	1.49
		For Up To 20, Add	*2.97*	
		For >20 To 40, Add	*1.78*	
		For >40 To 80, Add	*0.74*	
		For >240 To 960, Deduct	*-1.04*	
		For >960, Deduct	*-1.56*	
09 65 13 13-0012	LF	6" High, 3/8" Thick, Type TP Thermoplastic Rubber Wall Base, All Colors	16.40	1.49
		For Up To 20, Add	*3.64*	
		For >20 To 40, Add	*2.23*	
		For >40 To 80, Add	*0.97*	
		For >240 To 960, Deduct	*-1.49*	
		For >960, Deduct	*-2.24*	

09 65 13 13-0013 Type TS Thermoset Vulcanized Rubber Wall Base *(09 65 13 13)*

Note: Includes inside and outside corners.

09 65 13 13-0014	LF	2-1/2" High, 1/8" Thick, Type TS Thermoset Vulcanized Rubber Wall Base, All Colors	5.80	1.78
		For Up To 20, Add	*2.05*	
		For >20 To 40, Add	*1.17*	
		For >40 To 80, Add	*0.44*	
		For >240 To 960, Deduct	*-0.43*	
		For >960, Deduct	*-0.65*	
09 65 13 13-0015	LF	4" High, 1/8" Thick, Type TS Thermoset Vulcanized Rubber Wall Base, All Colors	5.83	1.49
		For Up To 20, Add	*2.06*	
		For >20 To 40, Add	*1.18*	
		For >40 To 80, Add	*0.44*	
		For >240 To 960, Deduct	*-0.44*	
		For >960, Deduct	*-0.65*	
09 65 13 13-0016	LF	6" High, 1/8" Thick, Type TS Thermoset Vulcanized Rubber Wall Base, All Colors	8.51	1.78
		For Up To 20, Add	*2.70*	
		For >20 To 40, Add	*1.56*	
		For >40 To 80, Add	*0.60*	
		For >240 To 960, Deduct	*-0.67*	
		For >960, Deduct	*-1.01*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 65 13 23		**Resilient Stair Treads and Risers** *(09 65 13)*		
		Note: All treads have integral nosing. Abrasive strip modifier includes either 1 or 2 strips running the length of the tread. All colors.		
09 65 13 23-0001		Rubber Stair Treads and Risers *(09 65 13 23)*		
09 65 13 23-0002		Raised Disc Or Other Patterned Rubber Stair Tread *(09 65 13 23-0001)*		
09 65 13 23-0003	LF	3/16" Thick, 9" To 12-1/2" Deep, Rubber Stair Tread	17.12	2.37
		Note: Raised disc or other pattern.		
		For Abrasive Strip, Add	*2.75*	
		For Photo Luminescent Abrasive Strip, Add	*3.75*	
09 65 13 23-0004	LF	1/4" Thick, 9" To 12-1/2" Deep, Rubber Stair Tread	18.39	2.55
		Note: Raised disc or other pattern.		
		For Abrasive Strip, Add	*2.75*	
		For Photo Luminescent Abrasive Strip, Add	*3.75*	
09 65 13 23-0005	LF	5/16" Thick, 9" To 12-1/2" Deep, Rubber Stair Tread	22.10	2.73
		Note: Raised disc or other pattern.		
		For Abrasive Strip, Add	*2.75*	
		For Photo Luminescent Abrasive Strip, Add	*3.75*	
09 65 13 23-0006		Smooth Surface Rubber Stair Tread *(09 65 13 23-0001)*		
09 65 13 23-0007	LF	3/16" Thick, 9" To 12-1/2" Deep, Rubber Stair Tread	16.22	2.37
		Note: Smooth surface.		
		For Abrasive Strip, Add	*2.75*	
		For Photo Luminescent Abrasive Strip, Add	*3.75*	
09 65 13 23-0008	LF	1/4" Thick, 9" To 12-1/2" Deep, Rubber Stair Tread	17.13	2.55
		Note: Smooth surface.		
		For Abrasive Strip, Add	*2.75*	
		For Photo Luminescent Abrasive Strip, Add	*3.75*	
09 65 13 23-0009	LF	5/16" Thick, 9" To 12-1/2" Deep, Rubber Stair Tread	20.77	2.74
		Note: Smooth surface.		
		For Abrasive Strip, Add	*2.75*	
		For Photo Luminescent Abrasive Strip, Add	*3.75*	
09 65 13 23-0010		Smooth Surface Rubber Stair Riser *(09 65 13 23-0001)*		
09 65 13 23-0011	LF	1/8" Thick, Smooth Surface Rubber Stair Riser	9.45	1.43
09 65 13 23-0012		Smooth, Raised Disc or Other Patterned Rubber Landing Mats *(09 65 13 23-0001)*		
09 65 13 23-0013	SF	1/8" Thick, Rubber Landing Mats	27.67	2.19
		Note: Smooth, raised disc or other patterned surface.		
09 65 13 23-0014	SF	3/16" Thick, Rubber Landing Mats	33.04	2.37
		Note: Smooth, raised disc or other patterned surface.		
09 65 13 23-0015	SF	7/32" Thick, Rubber Landing Mats	35.82	2.67
		Note: Smooth, raised disc or other patterned surface.		
09 65 13 23-0016		Vinyl Stair Treads and Risers *(09 65 13 23)*		
09 65 13 23-0017		Ribbed Vinyl Stair Tread *(09 65 13 23-0016)*		
09 65 13 23-0018	LF	1/8" Thick, 9" To 12-1/2" Deep, Ribbed Vinyl Stair Tread	19.03	2.16
		For Abrasive Strip, Add	*2.75*	
09 65 13 23-0019	LF	3/16" Thick, 9" To 12-1/2" Deep, Ribbed Vinyl Stair Tread	21.02	2.37
		For Abrasive Strip, Add	*2.75*	
09 65 13 23-0020	LF	1/4" Thick, 9" To 12-1/2" Deep, Ribbed Vinyl Stair Tread	25.23	2.56
		For Abrasive Strip, Add	*2.75*	
09 65 13 23-0021		Smooth Surface Vinyl Stair Riser *(09 65 13 23-0016)*		
09 65 13 23-0022	LF	1/8" Thick, 7" High, Smooth Surface Vinyl Stair Riser	10.59	1.43
09 65 13 33		**Resilient Accessories** *(09 65 13)*		
09 65 13 33-0001		Flexible Self Leveling Cementitious Underlayments *(09 65 13 33)*		
09 65 13 33-0002	SF	1/8" Thick, Flexible Self Leveling Cementitious Underlayment With Liquid Latex Modifiers	2.08	1.19
09 65 13 33-0003	SF	1/4" Thick, Flexible Self Leveling Cementitious Underlayment With Liquid Latex Modifiers	3.16	1.19
09 65 13 33-0004		Concrete Floor Prep *(09 65 13 33)*		
09 65 13 33-0005	SF	Removal Of Glue From Concrete Floor	1.49	
		Note: For removal of glue from VCT or carpet placement. Not to be used in conjunction with demolition tasks associated with floor tile installation.		
09 65 13 36		**Resilient Carpet Transitions** *(09 65 13)*		
09 65 13 36-0001		Vinyl Transition Strip *(09 65 13 36)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 65 13 36-0002	LF	Vinyl Transition Strip, Brown Or Black	2.73	1.07
		For >240 To 960, Deduct	*-0.20*	
		For >960, Deduct	*-0.30*	
09 65 13 36-0003	LF	Vinyl Floor Tile Reducer Strip, Brown Or Black	2.46	1.07
		For >240 To 960, Deduct	*-0.17*	
		For >960, Deduct	*-0.26*	
09 65 13 36-0004	LF	Vinyl Floor Tile Feature Strip, Brown Or Black	2.15	1.07
		For >240 To 960, Deduct	*-0.14*	
		For >960, Deduct	*-0.21*	

09 65 13 36-0005 Vinyl, Wheeled Traffic Transitions *(09 65 13 36)*

09 65 13 36-0006	LF	1/4" To 1/8" Material x 1-3/4", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-A)	4.37	1.49
		For Up To 20, Add	*1.60*	
		For >20 To 40, Add	*0.91*	
		For >40 To 80, Add	*0.34*	
		For >240 To 960, Deduct	*-0.32*	
		For >960, Deduct	*-0.48*	
09 65 13 36-0007	LF	1/4" To 1/8" Material x 1", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-C)	4.37	1.49
		For Up To 20, Add	*1.60*	
		For >20 To 40, Add	*0.91*	
		For >40 To 80, Add	*0.34*	
		For >240 To 960, Deduct	*-0.32*	
		For >960, Deduct	*-0.48*	
09 65 13 36-0008	LF	5/16" To 1/16" Or 1/8" Material x 1-5/8", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-D)	5.26	1.49
		For Up To 20, Add	*1.74*	
		For >20 To 40, Add	*1.00*	
		For >40 To 80, Add	*0.38*	
		For >240 To 960, Deduct	*-0.41*	
		For >960, Deduct	*-0.61*	
09 65 13 36-0009	LF	1/4" To 1/8" Material x 2-1/2", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-H)	8.42	1.49
		For Up To 20, Add	*2.21*	
		For >20 To 40, Add	*1.32*	
		For >40 To 80, Add	*0.54*	
		For >240 To 960, Deduct	*-0.72*	
		For >960, Deduct	*-1.09*	
09 65 13 36-0010	LF	1/4" To 1/8" Material x 4", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-HL)	8.44	1.49
		For Up To 20, Add	*2.21*	
		For >20 To 40, Add	*1.32*	
		For >40 To 80, Add	*0.54*	
		For >240 To 960, Deduct	*-0.73*	
		For >960, Deduct	*-1.09*	
09 65 13 36-0011	LF	1/4" To 0.08" Or 2 mm Material x 2-1/2", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-HT)	5.73	1.49
		For Up To 20, Add	*1.81*	
		For >20 To 40, Add	*1.05*	
		For >40 To 80, Add	*0.41*	
		For >240 To 960, Deduct	*-0.45*	
		For >960, Deduct	*-0.68*	
09 65 13 36-0012	LF	1/4" Material To Floor x 2-1/2", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-J)	8.21	1.49
		For Up To 20, Add	*2.18*	
		For >20 To 40, Add	*1.30*	
		For >40 To 80, Add	*0.53*	
		For >240 To 960, Deduct	*-0.70*	
		For >960, Deduct	*-1.05*	
09 65 13 36-0013	LF	1/4" Material To Floor x 4", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-JL)	8.50	1.49
		For Up To 20, Add	*2.22*	
		For >20 To 40, Add	*1.32*	
		For >40 To 80, Add	*0.54*	
		For >240 To 960, Deduct	*-0.73*	
		For >960, Deduct	*-1.10*	
09 65 13 36-0014	LF	3/8" To 1/8" Material x 2-1/2", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-K)	7.22	1.49
		For Up To 20, Add	*2.03*	
		For >20 To 40, Add	*1.20*	
		For >40 To 80, Add	*0.48*	
		For >240 To 960, Deduct	*-0.60*	
		For >960, Deduct	*-0.91*	
09 65 13 36-0015	LF	3/8" To 1/4" Material x 2-1/2", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-L)	7.85	1.49
		For Up To 20, Add	*2.13*	
		For >20 To 40, Add	*1.26*	
		For >40 To 80, Add	*0.51*	
		For >240 To 960, Deduct	*-0.67*	
		For >960, Deduct	*-1.00*	
09 65 13 36-0016	LF	1/4" To 1/4" Material x 2-1/2", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-M)	8.50	1.49
		For Up To 20, Add	*2.22*	
		For >20 To 40, Add	*1.32*	
		For >40 To 80, Add	*0.54*	
		For >240 To 960, Deduct	*-0.73*	
		For >960, Deduct	*-1.10*	
09 65 13 36-0017	LF	1/8" To 1/8" Material x 2-1/2", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-N)	7.10	1.49
		For Up To 20, Add	*2.01*	
		For >20 To 40, Add	*1.18*	
		For >40 To 80, Add	*0.47*	
		For >240 To 960, Deduct	*-0.59*	
		For >960, Deduct	*-0.89*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 65 13 36-0018	LF	3/8" Material To Floor x 2-1/2", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-P)	6.07	1.49
		For Up To 20, Add	*1.86*	
		For >20 To 40, Add	*1.08*	
		For >40 To 80, Add	*0.42*	
		For >240 To 960, Deduct	*-0.49*	
		For >960, Deduct	*-0.73*	
09 65 13 36-0019	LF	3/8" Material To Floor x 4", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-PL)	8.72	1.49
		For Up To 20, Add	*2.26*	
		For >20 To 40, Add	*1.35*	
		For >40 To 80, Add	*0.55*	
		For >240 To 960, Deduct	*-0.75*	
		For >960, Deduct	*-1.13*	
09 65 13 36-0020	LF	1/2" Material To Floor x 4", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-Q)	11.11	1.49
		For Up To 20, Add	*2.61*	
		For >20 To 40, Add	*1.59*	
		For >40 To 80, Add	*0.67*	
		For >240 To 960, Deduct	*-0.99*	
		For >960, Deduct	*-1.49*	
09 65 13 36-0021	LF	0.08" To 1/8" Material x 2-1/2", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-X)	5.91	1.49
		For Up To 20, Add	*1.83*	
		For >20 To 40, Add	*1.07*	
		For >40 To 80, Add	*0.41*	
		For >240 To 960, Deduct	*-0.47*	
		For >960, Deduct	*-0.71*	
09 65 13 36-0022	LF	0.08" To 0.08" Material x 2-1/2", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-Y)	5.99	1.49
		For Up To 20, Add	*1.85*	
		For >20 To 40, Add	*1.07*	
		For >40 To 80, Add	*0.42*	
		For >240 To 960, Deduct	*-0.48*	
		For >960, Deduct	*-0.72*	
09 65 13 36-0023	LF	0.08" To 3/8" Material x 2-1/2", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-Z)	6.74	1.49
		For Up To 20, Add	*1.96*	
		For >20 To 40, Add	*1.15*	
		For >40 To 80, Add	*0.46*	
		For >240 To 960, Deduct	*-0.56*	
		For >960, Deduct	*-0.83*	

09 65 16 Resilient Sheet Flooring *(09 65)*

Note: Includes mastic and cleaning floor after installation is complete.

09 65 16 23 Vinyl Sheet Flooring *(09 65 16)*

09 65 16 23-0001 Vinyl Sheet Flooring *(09 65 16 23)*

Note: For flash cove application, add additional square foot of material to form cove base.

09 65 16 23-0002	SF	0.080" Overall Thickness, 0.080" Wear Layer, Homogeneous, Commercial Vinyl Sheet Flooring	11.52	0.89
		For Up To 40, Add	*4.67*	
		For >40 To 100, Add	*2.34*	
		For >1,000, Deduct	*-0.97*	
09 65 16 23-0003	SF	0.080" Overall Thickness, 0.060" Wear Layer, Homogeneous, Commercial Vinyl Sheet Flooring	9.44	0.89
		For Up To 40, Add	*4.25*	
		For >40 To 100, Add	*2.13*	
		For >1,000, Deduct	*-0.76*	
09 65 16 23-0004	SF	0.080" Overall Thickness, 0.050" Wear Layer, Inlaid With Polyglass Backing, Commercial Vinyl Sheet Flooring	6.21	0.89
		For Up To 40, Add	*3.61*	
		For >40 To 100, Add	*1.80*	
		For >1,000, Deduct	*-0.44*	
09 65 16 23-0005	SF	0.080" Overall Thickness, 0.040" Wear Layer, Inlaid With Polyglass Backing, Commercial Vinyl Sheet Flooring	8.02	0.89
		For Up To 40, Add	*3.97*	
		For >40 To 100, Add	*1.99*	
		For >1,000, Deduct	*-0.62*	
09 65 16 23-0006	SF	0.080" Overall Thickness, 0.060" Wear Layer, Inlaid With Felt Backing, Commercial Vinyl Sheet Flooring	10.68	0.89
		For Up To 40, Add	*4.50*	
		For >40 To 100, Add	*2.25*	
		For >1,000, Deduct	*-0.89*	
09 65 16 23-0007	SF	0.080" Overall Thickness, 0.020" Wear Layer, Slip Retardant Surface, Commercial Vinyl Sheet Flooring	14.70	0.89
		For Up To 40, Add	*5.31*	
		For >40 To 100, Add	*2.65*	
		For >1,000, Deduct	*-1.29*	

09 65 16 23-0008 Heat Welding Vinyl Sheet Flooring Seams *(09 65 16 23)*

Note: For areas requiring seamless installations and superior infection control. Includes routing or hand grooving seams, installing welding rod with heat welding gun, trimming the weld rod flush with the floor surface and applying a protective finish to seam.

09 65 16 23-0009	LF	Heat Weld Non-Patterned Vinyl Sheet Flooring Seams	8.29
09 65 16 23-0010	LF	Heat Weld Patterned Vinyl Sheet Flooring Seams	8.73

09 65 16 23-0011 Forming Vinyl Sheet Flooring Inside/Outside Cove Corners *(09 65 16 23)*

Note: Excludes heat welding.

09 65 16 23-0012	EA	Forming Vinyl Sheet Flooring Inside/Outside Cove Corners	19.79

09 65 16 23-0013 Vinyl Sheet Flooring Accessories *(09 65 16 23)*

09 65 16 23-0014	LF	1/2" Radius Vinyl Cove Filler Strip	4.66

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 65 16 23-0015	LF	1-1/4" Radius Vinyl Cove Filler Strip	4.23	
09 65 16 23-0016	LF	1-1/2" Radius Vinyl Cove Filler Strip	6.36	
09 65 16 23-0017	LF	1/8" Aluminum Cove Cap	3.40	

09 65 19 Resilient Tile Flooring *(09 65)*

Note: Includes mastic and cleaning floor after installation is complete. Demolition includes removal of the tile and adhesive and cleaning of the surface for a new floor.

09 65 19 19 Vinyl Composition Tile Flooring *(09 65 19)*

09 65 19 19-0001 Vinyl Composition Tile (VCT) *(09 65 19 19)*

Note: The following vinyl composition tiles are certified to ASTM F 1066 Class 1 solid color tile, Class 2 through pattern tile or Class 3 surface pattern tile as listed in the task description.

09 65 19 19-0002	SF	1/8" Thick, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Armstrong® Standard Excelon Imperial Texture®)	4.35	1.78
		For >40 To 80, Add	*0.33*	
		For >1,000 To 3,000, Deduct	*-0.10*	
		For >3,000 To 6,000, Deduct	*-0.25*	
		For >6,000, Deduct	*-0.46*	
		For 3/32" Thick, Deduct	*-0.22*	
		For Extra Stock, Material Only, Deduct	*-2.09*	
09 65 19 19-0003	SF	1/8" Thick, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Armstrong® Standard Excelon MultiColor™)	4.21	1.78
		For >40 To 80, Add	*0.32*	
		For >1,000 To 3,000, Deduct	*-0.10*	
		For >3,000 To 6,000, Deduct	*-0.25*	
		For >6,000, Deduct	*-0.45*	
		For Extra Stock, Material Only, Deduct	*-2.09*	
09 65 19 19-0004	SF	1/8" Thick, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Armstrong® Standard Excelon Rave®)	4.21	1.78
		For >40 To 80, Add	*0.32*	
		For >1,000 To 3,000, Deduct	*-0.10*	
		For >3,000 To 6,000, Deduct	*-0.25*	
		For >6,000, Deduct	*-0.45*	
		For Extra Stock, Material Only, Deduct	*-2.09*	
09 65 19 19-0005	SF	1/8" Thick, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Armstrong® ChromaSpin™)	6.13	1.78
		For >40 To 80, Add	*0.42*	
		For >1,000 To 3,000, Deduct	*-0.13*	
		For >3,000 To 6,000, Deduct	*-0.32*	
		For >6,000, Deduct	*-0.57*	
		For Extra Stock, Material Only, Deduct	*-2.09*	
09 65 19 19-0006	SF	1/8" Thick, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Armstrong® Excelon Companion Square®)	6.15	1.78
		For >40 To 80, Add	*0.42*	
		For >1,000 To 3,000, Deduct	*-0.13*	
		For >3,000 To 6,000, Deduct	*-0.32*	
		For >6,000, Deduct	*-0.57*	
		For Extra Stock, Material Only, Deduct	*-2.09*	
09 65 19 19-0007	SF	1/8" Thick, Class 3 Surface Pattern, Vinyl Composition Tile (VCT) (Armstrong® Arteffects®)	6.52	1.78
		For >40 To 80, Add	*0.44*	
		For >1,000 To 3,000, Deduct	*-0.14*	
		For >3,000 To 6,000, Deduct	*-0.34*	
		For >6,000, Deduct	*-0.59*	
		For Extra Stock, Material Only, Deduct	*-2.09*	
09 65 19 19-0008	SF	1/8" Thick, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Armstrong® Excelon Stonetex®)	6.58	1.78
		For >40 To 80, Add	*0.44*	
		For >1,000 To 3,000, Deduct	*-0.14*	
		For >3,000 To 6,000, Deduct	*-0.34*	
		For >6,000, Deduct	*-0.59*	
		For Extra Stock, Material Only, Deduct	*-2.09*	
09 65 19 19-0009	SF	1/8" Thick, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Armstrong® Raffia™)	6.81	1.78
		For >40 To 80, Add	*0.45*	
		For >1,000 To 3,000, Deduct	*-0.15*	
		For >3,000 To 6,000, Deduct	*-0.35*	
		For >6,000, Deduct	*-0.61*	
		For Extra Stock, Material Only, Deduct	*-2.09*	
09 65 19 19-0010	SF	1/8" Thick, Slip Retardant, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Armstrong® Safety Zone™)	8.91	1.78
		For >40 To 80, Add	*0.56*	
		For >1,000 To 3,000, Deduct	*-0.19*	
		For >3,000 To 6,000, Deduct	*-0.43*	
		For >6,000, Deduct	*-0.73*	
		For Extra Stock, Material Only, Deduct	*-2.09*	
09 65 19 19-0011	SF	1/8" Thick, Class 1 Solid Color, Vinyl Composition Tile (VCT) (Armstrong® Excelon Feature™)	9.73	1.78
		For >40 To 80, Add	*0.60*	
		For >1,000 To 3,000, Deduct	*-0.21*	
		For >3,000 To 6,000, Deduct	*-0.47*	
		For >6,000, Deduct	*-0.78*	
		For Extra Stock, Material Only, Deduct	*-2.09*	

09 65 19 19-0012 Static Dissipative Vinyl Composition Tile (VCT) *(09 65 19 19)*

Note: The following vinyl composition tiles are certified to ASTM F 1066 Class 2 through pattern tile as listed in the task description.

09 65 19 19-0013	SF	1/8" Thick, Static Dissipative, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Armstrong® SDT™)	19.19	1.78
		For >40 To 80, Add	*1.15*	
		For >1,000 To 3,000, Deduct	*-0.40*	
		For >3,000 To 6,000, Deduct	*-0.90*	
		For >6,000, Deduct	*-1.49*	
		For Extra Stock, Material Only, Deduct	*-3.52*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 65 19 19-0014	SF	1/8" Thick, Static Dissipative, Soild Vinyl Composition Tile (VCT) (Staticworx, Ameriworx® ESD)	14.75	1.78
		For Up To 20, Add	*3.70*	
		For >20 To 40, Add	*2.22*	
		For >40 To 80, Add	*0.92*	
		For >1,000 To 3,000, Deduct	*-0.31*	
		For >3,000 To 6,000, Deduct	*-0.72*	
		For >6,000, Deduct	*-1.22*	
		For Extra Stock, Material Only, Deduct	*-3.52*	

09 65 19 23 Vinyl Tile Flooring *(09 65 19)*

09 65 19 23-0001 Vinyl Tile *(09 65 19 23)*
Note: Any size.

09 65 19 23-0002 Solid Vinyl Tile (SVT) *(09 65 19 23-0001)*
Note: The following solid vinyl tiles are certified to ASTM F 1700.

09 65 19 23-0003	SF	1/8" Thick, Class 1 Type A, Homogeneous, Solid Vinyl Tile (SVT) (Tarkett® Azrock® Cortina Grande)	10.84	1.78
		For >40 To 80, Add	*0.69*	
		For >1,000 To 3,000, Deduct	*-0.23*	
		For >3,000 To 6,000, Deduct	*-0.54*	
		For >6,000, Deduct	*-0.92*	
09 65 19 23-0004	SF	1/8" Thick, Class 1 Type A, Homogeneous, Solid Vinyl Tile (SVT) (Tarkett® Azrock® Karim Kolors)	11.13	1.78
		For >40 To 80, Add	*0.71*	
		For >1,000 To 3,000, Deduct	*-0.24*	
		For >3,000 To 6,000, Deduct	*-0.55*	
		For >6,000, Deduct	*-0.94*	
09 65 19 23-0005	SF	1/8" Thick, Slip Retardant, Class 1 Type B, Homogeneous, Solid Vinyl Tile (SVT) (Tarkett® Azrock® Cortina Grande SR)	11.33	1.78
		For >40 To 80, Add	*0.72*	
		For >1,000 To 3,000, Deduct	*-0.24*	
		For >3,000 To 6,000, Deduct	*-0.56*	
		For >6,000, Deduct	*-0.95*	

09 65 19 33 Rubber Tile Flooring *(09 65 19)*

09 65 19 33-0001 Rubber Tile *(09 65 19 33)*

09 65 19 33-0002 Rubber Tile With Raised Discs, Assorted Colors *(09 65 19 33-0001)*

09 65 19 33-0003	SF	1/8" Thick Rubber Tile With Raised Discs Note: Smooth, raised disc or other patterned surface.	23.42	1.07
		For Up To 100, Add	*1.28*	
09 65 19 33-0004	SF	3/16" Thick Rubber Tile With Raised Discs Note: Smooth, raised disc or other patterned surface.	28.38	1.19
		For Up To 100, Add	*1.54*	
09 65 19 33-0005	SF	7/32" Thick Rubber Tile With Raised Discs Note: Smooth, raised disc or other patterned surface.	31.55	1.43
		For Up To 100, Add	*1.72*	

09 65 19 43 Polyester Composition Tile Flooring *(09 65 19)*

09 65 19 43-0001 Polyester Composition Floor Tile *(09 65 19 43)*
Note: Any size.

09 65 19 43-0002	SF	1/8" Thick, Polyester Composition Floor Tile (Armstrong® BioBased Tile® Migrations®)	9.45	1.78
		For >40 To 80, Add	*0.58*	
		For >1,000 To 3,000, Deduct	*-0.20*	
		For >3,000 To 6,000, Deduct	*-0.46*	
		For >6,000, Deduct	*-0.77*	
		For Extra Stock, Material Only, Deduct	*-2.09*	
09 65 19 43-0003	SF	1/8" Thick, Polyester Composition Floor Tile (Armstrong® BioBased Tile® Striations®)	7.14	1.78
		For >40 To 80, Add	*0.47*	
		For >1,000 To 3,000, Deduct	*-0.15*	
		For >3,000 To 6,000, Deduct	*-0.36*	
		For >6,000, Deduct	*-0.63*	
		For Extra Stock, Material Only, Deduct	*-2.09*	

09 65 43 Linoleum Flooring *(09 65)*

Note: Includes mastic and cleaning floor after installation is complete.

09 65 43 00-0001 Linoleum Flooring *(09 65 43)*

09 65 43 00-0002	SF	13" x 13" Forbo MCT Linoleum Tile Note: 2.0mm.	6.92	1.79
		For < 500, Add	*0.69*	
09 65 43 00-0003	SF	13" x 13" Or 20" x 20" Forbo Dual Linoleum Tile Note: 2.5mm.	11.78	1.79
		For < 500, Add	*1.18*	
09 65 43 00-0004	SF	Forbo Real, Fresco Or Vivace Linoleum Sheet	10.52	1.45
		For < 500, Add	*1.05*	
09 65 43 00-0005	SF	Forbo Piano, Graphic, Mineral, Prisma Or Striatto Linoleum Sheet	11.07	1.45
		For < 500, Add	*1.11*	
09 65 43 00-0006	LF	Forbo Linoleum Sheet Welding	6.13	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 65 43 00-0007	LF	Heat Weld Linoleum Sheet Flooring Seams Note: For areas requiring seamless installations and superior infection control. Includes routing or hand grooving seams, installing welding rod with heat welding gun, trimming the weld rod flush with the floor surface and applying a protective finish to seam.	8.30	

09 65 66 Resilient Athletic Flooring *(09 65)*

09 65 66 00-0001 Recycled Rubber, Interlocking Athletic Tiles *(09 65 66)*

09 65 66 00-0002	SF	3/8" Height, Recycled Rubber, Interlocking Athletic Tile	7.86	0.83
		For Colors, Add	*1.33*	
09 65 66 00-0003	SF	1/2" Height, Recycled Rubber, Interlocking Athletic Tile	9.16	1.04
		For Colors, Add	*1.53*	
09 65 66 00-0004	SF	3/4" Height, Recycled Rubber, Interlocking Athletic Tile	10.71	1.66
		For Colors, Add	*1.67*	
09 65 66 00-0005	SF	1" Height, Recycled Rubber, Interlocking Athletic Tile	15.48	2.02
		For Colors, Add	*2.52*	

09 65 66 00-0006 Closed Cell, 100 Percent Virgin Rubber, Interlocking Athletic Tiles *(09 65 66)*

09 65 66 00-0007	SF	3/8" Height, Black Hammered Surface, Closed Cell, 100 Percent Virgin Rubber, Hidden Interlocking Athletic Tile (Pawling HL-155)	41.18	0.83
		For Colors, Add	*5.00*	
09 65 66 00-0008	SF	9/16" Height, Black Raised Squares Surface, Closed Cell, 100 Percent Virgin Rubber, Hidden Interlocking Athletic Tile (Pawling HL-100)	59.52	0.83
		For Colors, Add	*7.29*	
09 65 66 00-0009	SF	3/8" Height, Black Raised Discs Surface, Closed Cell, 100 Percent Virgin Rubber, Interlocking Athletic Tile (Pawling PL-100)	43.49	0.83
		For Colors, Add	*5.29*	
09 65 66 00-0010	SF	9/16" Height, Black Raised Nubs Surface, Closed Cell, 100 Percent Virgin Rubber, Interlocking Athletic Tile (Pawling PL-200)	53.48	0.83
		For Colors, Add	*6.54*	
09 65 66 00-0011	SF	7/16" Height, Black Reversible Hammered Surface, Closed Cell, 100 Percent Virgin Rubber, Interlocking Athletic Tile (Pawling FL-150)	44.72	0.83
		For Colors, Add	*5.44*	

09 65 66 00-0012 Sheet Goods For Gym *(09 65 66)*

09 65 66 00-0013	SF	1/4" Polyvinyl Chloride (PVC) Cushioned Synthetic Gym Floor	23.69	3.56
09 65 66 00-0014	SF	9/32" Polyvinyl Chloride (PVC) Cushioned Synthetic Gym Floor	25.05	3.68
09 65 66 00-0015	SF	3/8" Polyvinyl Chloride (PVC) Cushioned Synthetic Gym Floor	26.30	3.80
09 65 66 00-0016	SF	1/8" Rubber Sheet Good For Gym Floor Base	5.95	2.90
09 65 66 00-0017	SF	3/16" Rubber Sheet Good For Gym Floor Base	6.69	3.33
09 65 66 00-0018	SF	1/4" Rubber Sheet Good For Gym Floor Base	7.64	3.56
09 65 66 00-0019	SF	3/8" Rubber Sheet Good For Gym Floor Base	8.35	3.80
09 65 66 00-0020	SF	1/2" Rubber Sheet Good For Gym Floor Base	8.82	4.04

09 65 66 00-0021 Polyurethane Floor Systems *(09 65 66)*
See CSI section 09 93 23 53-0013 for game lines.

09 65 66 00-0022	SF	9 mm Thick Base Coat, 2 mm Thick Top Coat, Polyurethane Floor System With Polyurethane/Rubber Granulate Base (Robbins Pulastic)	25.35	2.37

09 66 Terrazzo Flooring *(09 60)*

09 66 13 Portland Cement Terrazzo Flooring *(09 66)*
Note: Excludes divider strips. See CSI section 09 66 33 00-0000 for conductive terrazzo.

09 66 13 13 Sand Cushion Terrazzo Flooring *(09 66 13)*

09 66 13 13-0001 Floors Not Bonded To Concrete *(09 66 13 13)*
Note: 3" Thick - 5/8" topping and 1/4" sand cushion.

09 66 13 13-0002	SF	Terrazzo Floor, Not Bonded, Gray Cement 3" Thick With 5/8" Topping, 1/4" Sand Cushion	37.24	3.34
		For Venetian Type Terrazzo, Add	*9.70*	
		For Abrasive Heavy Duty Terrazzo, Add	*9.70*	
		For Colors, Add	*4.85*	
		For Up To 100, Add	*9.08*	
		For >100 To 250, Add	*4.54*	
09 66 13 13-0003	SF	Terrazzo Floor, Not Bonded, White Cement 3" Thick With 5/8" Topping, 1/4" Sand Cushion	37.43	3.34
		For Venetian Type Terrazzo, Add	*9.79*	
		For Abrasive Heavy Duty Terrazzo, Add	*9.79*	
		For Colors, Add	*4.90*	
		For Up To 100, Add	*9.10*	
		For >100 To 250, Add	*4.55*	

09 66 13 16 Monolithic Terrazzo Flooring *(09 66 13)*

09 66 13 16-0001 Monolithic Terrazzo *(09 66 13 16)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 66 13 16-0002	SF	Monolithic Terrazzo, 3-1/2" Base 5/8" Topping, 4' To 5' Square Panels Topping Note: Including Mesh And Felt	20.61	3.34
		For Venetian Type Terrazzo, Add	*7.06*	
		For Abrasive Heavy Duty Terrazzo, Add	*7.06*	
		For Colors, Add	*3.53*	
		For Up To 100, Add	*4.01*	
		For >100 To 250, Add	*2.00*	

09 66 13 19 Bonded Terrazzo Flooring *(09 66 13)*

09 66 13 19-0001 Floors Bonded To Concrete *(09 66 13 19)*

Note: 1-3/4" Thick - 5/8" topping.

09 66 13 19-0002	SF	Terrazzo Floor, Bonded To Concrete, Gray Cement 1-3/4" Thick With 5/8" Topping	29.72	3.34
		For Venetian Type Terrazzo, Add	*8.00*	
		For Abrasive Heavy Duty Terrazzo, Add	*8.00*	
		For Colors, Add	*4.00*	
		For Up To 100, Add	*7.09*	
		For >100 To 250, Add	*3.54*	
09 66 13 19-0003	SF	Terrazzo Floor, Bonded To Concrete, White Cement 1-3/4" Thick With 5/8" Topping	29.91	3.34
		For Venetian Type Terrazzo, Add	*8.10*	
		For Abrasive Heavy Duty Terrazzo, Add	*8.10*	
		For Colors, Add	*4.05*	
		For Up To 100, Add	*7.11*	
		For >100 To 250, Add	*3.55*	

09 66 13 19-0004 Terrazzo Wainscot *(09 66 13 19)*

09 66 13 19-0005	SF	1-1/2" Thick Terrazzo Wainscot, Cast In Place, Bonded To Concrete Or Masonry	40.08	4.46
		For Venetian Type Terrazzo, Add	*5.18*	

09 66 13 19-0006 Terrazzo Base *(09 66 13 19)*

09 66 13 19-0007	SF	6" Cove Type Terrazzo Base, Cast In Place, Bonded To Concrete Or Masonry	40.54	3.23
		For Venetian Type Terrazzo, Add	*11.30*	

09 66 13 19-0008 Terrazzo Curb *(09 66 13 19)*

09 66 13 19-0009	LF	6" x 6" Terrazzo Curb, Cast In Place, Polished Top And 2 Faces	101.91	21.54
		For Venetian Type Terrazzo, Add	*15.06*	

09 66 13 19-0010 Stairs Cast In Place *(09 66 13 19)*

Note: Topping applied to concrete or metal.

09 66 13 19-0011	LF	1-1/2" Thick x 12" Wide, Terrazzo Stair, Cast In Place, Bonded To Concrete Or Metal	40.90	6.69
		For Each SF Of Abrasive Surface Finish, Add	*0.35*	
		For Each LF Of Embedded Abrasive Strips, Add	*0.56*	
		For Each LF Of Abrasive Metal Nosing, Add	*3.90*	
		For Each SF Of Landings, Add	*1.50*	
09 66 13 19-0012	LF	Terrazzo Stair Tread And Riser, Cast In Place, Bonded To Concrete Or Metal	102.17	22.29
		For Each SF Of Abrasive Surface Finish, Add	*0.35*	
		For Each LF Of Embedded Abrasive Strips, Add	*0.56*	
		For Each LF Of Abrasive Metal Nosing, Add	*3.90*	
		For Each SF Of Landings, Add	*1.50*	
09 66 13 19-0013	SF	Terrazzo Stair Stringer And Fascia, Cast In Place, Bonded To Concrete Or Metal	41.47	6.69
		For Each SF Of Abrasive Surface Finish, Add	*0.35*	
		For Each LF Of Embedded Abrasive Strips, Add	*0.56*	
		For Each LF Of Abrasive Metal Nosing, Add	*3.90*	
		For Each SF Of Landings, Add	*1.50*	

09 66 13 19-0014 Divider Strips *(09 66 13 19)*

09 66 13 19-0015	LF	1-1/4" Deep, 14 Gauge, Zinc Plated Steel, Divider Strip	7.07	1.11
09 66 13 19-0016	LF	1-1/4" Deep, 14 Gauge, Brass, Divider Strip	6.43	1.11
09 66 13 19-0017	LF	1-1/4" Deep, 1/4" Thick, Zinc Plated Steel, Heavy Top Strip	11.08	1.11
09 66 13 19-0018	LF	1-1/4" Deep, 1/4" Thick, Galvanized Steel Bottom, Brass, Heavy Top Strip	16.65	1.11
09 66 13 19-0019	LF	1/2" x 1/2", 16 Gauge, Zinc Plated Steel, Divider Strip For Thin Set Floors	6.74	1.11
09 66 13 19-0020	LF	1/2" x 1/2", 16 Gauge, Brass, Divider Strip For Thin Set Floors	10.24	1.11
09 66 13 19-0021	LF	Vinyl Plastic, Divider Strip For Floor	6.20	1.11

09 66 16 Terrazzo Floor Tile *(09 66)*

09 66 16 13 Portland Cement Terrazzo Floor Tile *(09 66 16)*

09 66 16 13-0001 Flooring Tiles *(09 66 16 13)*

Note: Gray cement setting bed 3/16" polyester matrix or 1/2" cement matrix 12" x 12".

09 66 16 13-0002 Terrazzo Tiles With Non-Slip Surface *(09 66 16 13-0001)*

09 66 16 13-0003	SF	9" x 9" x 1" Non-Slip Precast Terrazzo, Thin Set Floor Tile	34.80	3.32
		For White Cement, Add	*0.36*	
		For Venetian Type Terrazzo, Add	*2.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 66 16 13-0004	SF	12" x 12" x 1" Non-Slip Precast Terrazzo, Thin Set Floor Tile	35.44	3.32
		For White Cement, Add	*0.36*	
		For Venetian Type Terrazzo, Add	*2.00*	
09 66 16 13-0005	SF	12" x 12" x 1-1/2" Non-Slip Precast Terrazzo, Thin Set Floor Tile	40.94	3.32
		For White Cement, Add	*0.36*	
		For Venetian Type Terrazzo, Add	*2.00*	
09 66 16 13-0006	SF	18" x 18" x 1-1/2" Non-Slip Precast Terrazzo, Thin Set Floor Tile	43.63	3.32
		For White Cement, Add	*0.36*	
		For Venetian Type Terrazzo, Add	*2.00*	
09 66 16 13-0007	SF	24" x 24" x 1-1/2" Non-Slip Precast Terrazzo, Thin Set Floor Tile	45.45	3.32
		For White Cement, Add	*0.36*	
		For Venetian Type Terrazzo, Add	*2.00*	
09 66 16 13-0008		**Terrazzo Tile Thin Set** *(09 66 16 13-0001)*		
09 66 16 13-0009	SF	Precast Terrazzo, 1/4" To 1/2" Chips Floor Tiles, Thin Set Gray Cement Bed	34.37	3.32
		For White Cement, Add	*0.36*	
		For Venetian Type Terrazzo, Add	*2.00*	
09 66 16 13-0010	SF	Precast Terrazzo, 3/8" To 1" Chips Floor Tiles, Thin Set Gray Cement Bed	36.58	3.32
		For White Cement, Add	*0.36*	
		For Venetian Type Terrazzo, Add	*2.00*	
09 66 16 13-0011		**Thin Set Terrazzo Wainscot** *(09 66 16 13-0001)*		
09 66 16 13-0012	SF	12" x 12" x 1" Terrazzo Tile Wainscot Thin Set	51.24	6.46
		For Each LF Of White Cement, Add	*0.50*	
		For Each LF Of Zinc Toe Strip, Add	*1.00*	
09 66 16 13-0013	SF	18" x 18" x 1-1/2" Terrazzo Tile Wainscot Thin Set	58.42	6.46
		For Each LF Of White Cement, Add	*0.50*	
		For Each LF Of Zinc Toe Strip, Add	*1.00*	
09 66 16 13-0014		**Thin Set Terrazzo Base, Gray Cement** *(09 66 16 13-0001)*		
09 66 16 13-0015	LF	6" High, Straight Terrazzo Base Thin Set, Gray Cement	17.16	3.23
		For Each LF Of White Cement, Add	*0.50*	
		For Each LF Of Zinc Toe Strip, Add	*1.00*	
09 66 16 13-0016	LF	6" High, Cove Terrazzo Base Thin Set, Gray Cement	19.21	3.23
		For Each LF Of White Cement, Add	*0.50*	
		For Each LF Of Zinc Toe Strip, Add	*1.00*	
09 66 16 13-0017	LF	8" High, Straight Terrazzo Base Thin Set, Gray Cement	20.03	3.23
		For Each LF Of White Cement, Add	*0.50*	
		For Each LF Of Zinc Toe Strip, Add	*1.00*	
09 66 16 13-0018	LF	8" High, Cove Terrazzo Base Thin Set, Gray Cement	21.05	3.23
		For Each LF Of White Cement, Add	*0.50*	
		For Each LF Of Zinc Toe Strip, Add	*1.00*	
09 66 16 13-0019		**Terrazzo Curbs** *(09 66 16 13-0001)*		
09 66 16 13-0020	LF	8" x 8" Curb, Terrazzo Tile	34.22	4.31
		For Each LF Of White Cement, Add	*0.50*	
		For Each LF Of Zinc Toe Strip, Add	*1.00*	
09 66 16 13-0021	LF	6" x 6" Curb, Terrazzo Tile	33.19	4.31
		For Each LF Of White Cement, Add	*0.50*	
		For Each LF Of Zinc Toe Strip, Add	*1.00*	
09 66 16 13-0022		**Precast Terrazzo Stair Treads 12" Wide** *(09 66 16 13-0001)*		
09 66 16 13-0023	LF	1-1/2" Precast Terrazzo Stair Tread 12" Wide x 1-1/2" Thick, Diamond Pattern	84.06	4.31
09 66 16 13-0024	LF	1-1/2" Precast Terrazzo Stair Tread 12" Wide x 1-1/2" Thick, Non-Slip Surface	71.78	4.31
09 66 16 13-0025	LF	2" Precast Terrazzo Straight Stair Tread	63.59	4.31
09 66 16 13-0026	LF	2" Precast Terrazzo Curved Stair Tread	74.51	4.31
09 66 16 13-0027		**Stair Risers, 1" Thick To 6" High, Straight** *(09 66 16 13-0001)*		
09 66 16 13-0028	LF	1" To 6" High Precast Terrazzo Stair Riser Straight Section, Thin Set	38.03	3.23
09 66 16 13-0029	LF	1" To 6" High Precast Terrazzo Stair Riser Straight Cove Section, Thin Set	44.17	3.23
09 66 16 13-0030		**Stair Risers, 1" Thick To 6" High, Curved** *(09 66 16 13-0001)*		
09 66 16 13-0031	LF	1" To 6" High Precast Terrazzo Stair Riser Curved Vertical Section, Thin Set	56.09	3.23
09 66 16 13-0032	LF	1" To 6" High Precast Terrazzo Stair Riser Curved Cove Section, Thin Set	60.18	3.23
09 66 16 13-0033		**Tread And Riser** *(09 66 16 13)*		
09 66 16 13-0034		**Stair Stringers, Notched For Treads And Risers** *(09 66 16 13-0033)*		
09 66 16 13-0035	LF	1" Precast Terrazzo Stair Stringers Notched For Treads And Risers	93.83	8.61
09 66 16 13-0036	LF	2" Precast Terrazzo Stair Stringers Notched For Treads And Risers	113.29	8.61
09 66 16 13-0037		**Structural Non-Slip Landings** *(09 66 16 13-0033)*		
09 66 16 13-0038	SF	1-1/2" Thick Precast Terrazzo Stair Landing Structural, Non-Slip	67.60	4.31

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 66 16 13-0039	SF	3" Thick Precast Terrazzo Stair Landing Structural, Non-Slip	83.27	4.31
09 66 16 13-0040		Combined Tread And Riser *(09 66 16 13-0033)*		
09 66 16 13-0041		Straight Sections *(09 66 16 13-0040)*		
09 66 16 13-0042	LF	Precast Terrazzo Stair Tread And Riser 1-1/2" Tread, 3/4" Riser, Straight Section	147.78	8.61
09 66 16 13-0043	LF	Precast Terrazzo Stair Tread And Riser 3" Tread, 1" Riser, Straight Section	176.45	8.61
09 66 16 13-0044		Curved Sections *(09 66 16 13-0040)*		
09 66 16 13-0045	LF	Precast Terrazzo Stair Tread And Riser 2" Tread, 1" Riser, Curved Section	185.36	8.61
09 66 16 13-0046	LF	Precast Terrazzo Stair Tread And Riser 3" Tread, 1" Riser, Curved Section	234.50	8.61
09 66 23		**Resinous Matrix Terrazzo Flooring** *(09 66)*		
09 66 23 16		**Epoxy-Resin Terrazzo Flooring** *(09 66 23)*		
09 66 23 16-0001		Epoxy Terrazzo *(09 66 23 16)*		
09 66 23 16-0002	SF	Chemical Resistant Epoxy Terrazzo, 1/4" Thick	28.33	3.34
09 66 33		**Conductive Terrazzo Flooring** *(09 66)*		
		Note: For anti-static areas.		
09 66 33 13		**Conductive Epoxy-Resin Terrazzo** *(09 66 33)*		
09 66 33 13-0001	SF	Terrazzo, Epoxy System, Floor Sparkproof, Conductive, Industrial	29.19	5.38
09 66 33 13-0002	SF	Terrazzo, Epoxy System, Base Sparkproof, Conductive, Industrial	53.26	5.38
09 66 33 16		**Conductive Polyester-Resin Terrazzo Flooring** *(09 66 33)*		
09 66 33 16-0001	SF	Terrazzo, Polyester System, Floor Sparkproof, Conductive, Industrial	22.29	5.38
09 66 33 16-0002	SF	Terrazzo, Polyester System, Base Sparkproof, Conductive, Industrial	38.46	5.38
09 66 33 19		**Conductive Plastic-Matrix Terrazzo Flooring** *(09 66 33)*		
09 66 33 19-0001	SF	Terrazzo, Polyacrylate System, Floor Sparkproof, Conductive, Industrial	24.89	5.38
09 66 33 19-0002	SF	Terrazzo, Polyacrylate System, Base Sparkproof, Conductive, Industrial	47.93	5.38
09 66 33 19-0003	SF	Terrazzo, Synthetic Latex Mastic System, Floor Sparkproof, Conductive, Industrial	36.23	5.38
09 66 33 19-0004	SF	Terrazzo, Synthetic Latex Mastic System, Base Sparkproof, Conductive, Industrial	41.07	5.38
09 67		**Fluid-Applied Flooring** *(09 60)*		
09 67 16		**Epoxy-Marble Chip Flooring** *(09 67)*		
09 67 16 00-0001		Epoxy Marble Chip Flooring *(09 67 16)*		
09 67 16 00-0002	SF	Epoxy Marble Floor With Colored Quartz Chips In 1/4" Base	18.73	3.34
		Note: Includes primer, 1/4" epoxy marble coat with quartz chips and top seal coat.		
		For Skid Resistant Abrasive Sand Finish, Add	*0.09*	
		For Skid Resistant, Orange Peel Texture, Non-Abrasive Topping, Add	*0.09*	
09 67 16 00-0003	SF	Epoxy Marble Chip Floor, Topping 3/16" Thick, Heavy Duty Epoxy	19.95	3.34
		Note: Includes primer, 3/16" marble chip coat and top seal coat.		
		For Skid Resistant Abrasive Sand Finish, Add	*0.10*	
		For Skid Resistant, Orange Peel Texture, Non-Abrasive Topping, Add	*0.10*	
09 67 23		**Resinous Flooring** *(09 67)*		
09 67 23 00-0001		Stonhard Resinous Flooring *(09 67 23)*		
		Note: 200 SF minimum. Includes primer and topcoats in assorted colors. Includes mechanical preparation of thee bare concrete by dustless grinding or abrasive blasting. Excludes work required to bring concrete to a good condition.		
09 67 23 00-0002	SF	3/16" Heavy Duty (9,000 - 10,000 PSI) Trowel Applied Epoxy Flooring (Stonclad GS)	20.61	6.90
		Note: Includes primer, mortar, and topcoat.		
		For Up To 500, Add	*5.33*	
		For >500 To 1,000, Add	*0.89*	
		For >5,000, Deduct	*-1.86*	
		For Skid Resistant Abrasive Sand Finish, Add	*0.05*	
09 67 23 00-0003	SF	1/8" (8,000 - 9,000 PSI) Multicolored Quartz Broadcast Trowel Applied Epoxy Skid Resistant Finish (Stonshield SLT)	17.30	6.90
		For Up To 500, Add	*1.24*	
		For >500 To 1,000, Add	*1.03*	
		For >5,000, Deduct	*-0.75*	
		For Orange Peel Texture, Non-Abrasive Topping, Add	*1.41*	
09 67 23 00-0004	SF	1/16" (5,000 - 6,000 PSI) Multicolored Vinyl Chip Trowel Applied Epoxy Skid Resistant Finish (Stontec ERF)	18.95	6.90
		For Up To 500, Add	*3.57*	
		For >500 To 1,000, Add	*1.83*	
		For >5,000, Deduct	*-1.78*	
		For Orange Peel Texture, Non-Abrasive Topping, Add	*1.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 67 23 00-0005	SF	3/16" (10,000 PSI) Decorative Quartz Broadcast Trowel Applied Epoxy Flooring (Stonshield HRI)	19.34	6.90
		For Up To 500, Add	*3.62*	
		For >500 To 1,000, Add	*1.06*	
		For >5,000, Deduct	*-0.50*	
		For Orange Peel Texture, Non-Abrasive Topping, Add	*1.41*	
09 67 23 00-0006	SF	1/4" (8,000 PSI) Trowel Applied Cementitious Urethane Heat And Skid Resistant Finish (Stonclad UT)	28.60	6.90
		For Up To 500, Add	*6.32*	
		For >500 To 1,000, Add	*0.54*	
		For >5,000, Deduct	*-3.62*	
09 67 23 00-0007	SF	3/16" Trowel Applied Urethane Based Rubberized Terrazzo With Decorative, Resilient Rubber Chips (Stonblend RTZ)	43.54	9.98
		For Up To 500, Add	*5.89*	
		For >500 To 1,000, Add	*3.83*	
		For >5,000, Deduct	*-2.11*	
09 67 23 00-0008	LF	4" Troweled Cove Base With 16 Gauge "J" Channel	14.91	

09 67 23 00-0009 Epoxy Resin Flooring *(09 67 23)*

Note: Includes primer, slurry coat(s) and top coat(s) (assorted colors). Excludes existing floor preparation of sand/bead blasting or two pass floor grinding, degreasing and cleaning of existing floor system prior to application if applied directly to floor. Excludes floor patching, saw cutting joints, additional grinding of existing floor, leveling of floor, removal of existing floor or tiles, and applied markings or stripes. See CSI section 03 01 30 51-0001 for bead blasting, 03 35 43 00-0001 for additional floor polish grinding, 09 01 60 91-0011 for degreasing.

09 67 23 00-0010	SF	3/16" Heavy Duty (6,000 To 7,500 PSI) Epoxy Flooring Trowel Applied Mortar Compound Note: Includes primer, one 3/16" slurry coat and top seal coats (color).	13.84	7.58
		For Skid Resistant Abrasive Sand Finish, Add	*0.05*	
		For Skid Resistant, Orange Peel Texture, Non-Abrasive Topping, Add	*0.05*	
		For Up To 500, Add	*2.57*	
		For >500 To 1,000, Add	*1.63*	
		For >1,000 To 2,000, Add	*0.81*	
		For >10,000, Deduct	*-0.92*	
09 67 23 00-0011	SF	3/16" Chemical Resistant (10,000 To 12,000 PSI) Epoxy Flooring Trowel Applied Mortar Compound Note: Includes primer, one 3/16" slurry coat and top seal coats (color).	19.78	7.58
		For Skid Resistant Abrasive Sand Finish, Add	*0.11*	
		For Skid Resistant, Orange Peel Texture, Non-Abrasive Topping, Add	*0.11*	
		For Up To 500, Add	*4.05*	
		For >500 To 1,000, Add	*2.52*	
		For >1,000 To 2,000, Add	*1.26*	
		For >10,000, Deduct	*-1.21*	
09 67 23 00-0012	SF	1/4" Heavy Duty (6,000 To 7,500 PSI) Epoxy Flooring Trowel Applied Mortar Compound Note: Includes primer, two 1/8" slurry coats and top seal coats (color).	16.61	8.47
		For Skid Resistant Abrasive Sand Finish, Add	*0.05*	
		For Skid Resistant, Orange Peel Texture, Non-Abrasive Topping, Add	*0.05*	
		For Up To 500, Add	*3.04*	
		For >500 To 1,000, Add	*1.93*	
		For >1,000 To 2,000, Add	*0.97*	
		For >10,000, Deduct	*-1.11*	
09 67 23 00-0013	SF	1/4" Chemical Resistant (10,000 To 12,000 PSI) Epoxy Flooring Trowel Applied Mortar Compound Note: Includes primer, two 1/8" slurry coats and top seal coats (color).	23.41	8.47
		For Skid Resistant Abrasive Sand Finish, Add	*0.12*	
		For Skid Resistant, Orange Peel Texture, Non-Abrasive Topping, Add	*0.12*	
		For Up To 500, Add	*4.74*	
		For >500 To 1,000, Add	*2.95*	
		For >1,000 To 2,000, Add	*1.48*	
		For >10,000, Deduct	*-1.45*	
09 67 23 00-0014	SF	3/8" Heavy Duty (6,000 To 7,500 PSI) Epoxy Flooring Trowel Applied Mortar Compound Note: Includes primer, two 3/16" slurry coats and top seal coats (color).	18.71	9.48
		For Skid Resistant Abrasive Sand Finish, Add	*0.06*	
		For Skid Resistant, Orange Peel Texture, Non-Abrasive Topping, Add	*0.06*	
		For Up To 500, Add	*3.44*	
		For >500 To 1,000, Add	*2.19*	
		For >1,000 To 2,000, Add	*1.09*	
		For >10,000, Deduct	*-1.25*	
09 67 23 00-0015	SF	3/8" Chemical Resistant (10,000 To 12,000 PSI) Epoxy Flooring Trowel Applied Mortar Compound Note: Includes primer, two 3/16" slurry coats and top seal coats (color).	25.92	9.48
		For Skid Resistant Abrasive Sand Finish, Add	*0.14*	
		For Skid Resistant, Orange Peel Texture, Non-Abrasive Topping, Add	*0.14*	
		For Up To 500, Add	*5.24*	
		For >500 To 1,000, Add	*3.27*	
		For >1,000 To 2,000, Add	*1.63*	
		For >10,000, Deduct	*-1.61*	

09 68 Carpeting *(09 60)*

Note: No VOC carpet and adhesives. Includes tack strips, glue and floor fastenings as required and vacuuming.

09 68 13 Tile Carpeting *(09 68)*

09 68 13 00-0001 Tufted Carpet Tiles *(09 68 13)*

Note: Level-loop pile or textured-loop pile carpet tiles. Includes glue or peel and stick backing.

09 68 13 00-0002 Non-Patterned Carpet Tiles *(09 68 13 00-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68 13 00-0003	SY	18 Ounce, Non-Patterned, Nylon Carpet Tile	38.91	7.14
		For Up To 15, Add	*3.50*	
		For >15 To 33, Add	*1.75*	
		For >200 To 400, Deduct	*-0.43*	
		For >400 To 600, Deduct	*-0.64*	
		For >600 To 900, Deduct	*-1.33*	
		For >900 To 1,500, Deduct	*-2.02*	
		For >1,500 To 2,200, Deduct	*-3.02*	
		For >2,200 To 3,500, Deduct	*-3.99*	
		For >3,500, Deduct	*-4.96*	
		For Cushion Backed Tile, Add	*6.00*	
09 68 13 00-0004	SY	20 Ounce, Non-Patterned, Nylon Carpet Tile	40.21	7.14
		For Up To 15, Add	*3.50*	
		For >15 To 33, Add	*1.75*	
		For >200 To 400, Deduct	*-0.45*	
		For >400 To 600, Deduct	*-0.68*	
		For >600 To 900, Deduct	*-1.40*	
		For >900 To 1,500, Deduct	*-2.11*	
		For >1,500 To 2,200, Deduct	*-3.15*	
		For >2,200 To 3,500, Deduct	*-4.15*	
		For >3,500, Deduct	*-5.16*	
		For Cushion Backed Tile, Add	*6.00*	
09 68 13 00-0005	SY	22 Ounce, Non-Patterned, Nylon Carpet Tile	44.33	7.14
		For Up To 15, Add	*3.50*	
		For >15 To 33, Add	*1.75*	
		For >200 To 400, Deduct	*-0.54*	
		For >400 To 600, Deduct	*-0.80*	
		For >600 To 900, Deduct	*-1.60*	
		For >900 To 1,500, Deduct	*-2.40*	
		For >1,500 To 2,200, Deduct	*-3.56*	
		For >2,200 To 3,500, Deduct	*-4.67*	
		For >3,500, Deduct	*-5.77*	
		For Cushion Backed Tile, Add	*6.00*	
09 68 13 00-0006	SY	24 Ounce, Non-Patterned, Nylon Carpet Tile	48.35	7.14
		For Up To 15, Add	*3.50*	
		For >15 To 33, Add	*1.75*	
		For >200 To 400, Deduct	*-0.62*	
		For >400 To 600, Deduct	*-0.93*	
		For >600 To 900, Deduct	*-1.80*	
		For >900 To 1,500, Deduct	*-2.68*	
		For >1,500 To 2,200, Deduct	*-3.96*	
		For >2,200 To 3,500, Deduct	*-5.17*	
		For >3,500, Deduct	*-6.38*	
		For Cushion Backed Tile, Add	*6.00*	
09 68 13 00-0007	SY	26 Ounce, Non-Patterned, Nylon Carpet Tile	50.70	7.14
		For Up To 15, Add	*3.50*	
		For >15 To 33, Add	*1.75*	
		For >200 To 400, Deduct	*-0.66*	
		For >400 To 600, Deduct	*-1.00*	
		For >600 To 900, Deduct	*-1.92*	
		For >900 To 1,500, Deduct	*-2.85*	
		For >1,500 To 2,200, Deduct	*-4.19*	
		For >2,200 To 3,500, Deduct	*-5.46*	
		For >3,500, Deduct	*-6.73*	
		For Cushion Backed Tile, Add	*6.00*	
09 68 13 00-0008	SY	28 Ounce, Non-Patterned, Nylon Carpet Tile	53.10	7.14
		For Up To 15, Add	*3.50*	
		For >15 To 33, Add	*1.75*	
		For >200 To 400, Deduct	*-0.71*	
		For >400 To 600, Deduct	*-1.07*	
		For >600 To 900, Deduct	*-2.04*	
		For >900 To 1,500, Deduct	*-3.02*	
		For >1,500 To 2,200, Deduct	*-4.43*	
		For >2,200 To 3,500, Deduct	*-5.76*	
		For >3,500, Deduct	*-7.09*	
		For Cushion Backed Tile, Add	*6.00*	
09 68 13 00-0009	SY	30 Ounce, Non-Patterned, Nylon Carpet Tile	53.82	7.14
		For Up To 15, Add	*3.50*	
		For >15 To 33, Add	*1.75*	
		For >200 To 400, Deduct	*-0.73*	
		For >400 To 600, Deduct	*-1.09*	
		For >600 To 900, Deduct	*-2.08*	
		For >900 To 1,500, Deduct	*-3.07*	
		For >1,500 To 2,200, Deduct	*-4.51*	
		For >2,200 To 3,500, Deduct	*-5.85*	
		For >3,500, Deduct	*-7.20*	
		For Cushion Backed Tile, Add	*6.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68 13 00-0010	SY	32 Ounce, Non-Patterned, Nylon Carpet Tile	54.26	7.14
		For Up To 15, Add	*3.50*	
		For >15 To 33, Add	*1.75*	
		For >200 To 400, Deduct	*-0.74*	
		For >400 To 600, Deduct	*-1.10*	
		For >600 To 900, Deduct	*-2.10*	
		For >900 To 1,500, Deduct	*-3.10*	
		For >1,500 To 2,200, Deduct	*-4.55*	
		For >2,200 To 3,500, Deduct	*-5.91*	
		For >3,500, Deduct	*-7.26*	
		For Cushion Backed Tile, Add	*6.00*	
09 68 13 00-0011	SY	34 Ounce, Non-Patterned, Nylon Carpet Tile	54.64	7.14
		For Up To 15, Add	*3.50*	
		For >15 To 33, Add	*1.75*	
		For >200 To 400, Deduct	*-0.74*	
		For >400 To 600, Deduct	*-1.11*	
		For >600 To 900, Deduct	*-2.12*	
		For >900 To 1,500, Deduct	*-3.12*	
		For >1,500 To 2,200, Deduct	*-4.59*	
		For >2,200 To 3,500, Deduct	*-5.95*	
		For >3,500, Deduct	*-7.32*	
		For Cushion Backed Tile, Add	*6.00*	
09 68 13 00-0012	SY	36 Ounce, Non-Patterned, Nylon Carpet Tile	55.92	7.14
		For Up To 15, Add	*3.50*	
		For >15 To 33, Add	*1.75*	
		For >200 To 400, Deduct	*-0.77*	
		For >400 To 600, Deduct	*-1.15*	
		For >600 To 900, Deduct	*-2.18*	
		For >900 To 1,500, Deduct	*-3.21*	
		For >1,500 To 2,200, Deduct	*-4.72*	
		For >2,200 To 3,500, Deduct	*-6.11*	
		For >3,500, Deduct	*-7.51*	
		For Cut And Loop Pile Combination Or Tip Shear Carpet, Add	*2.00*	
		For Cushion Backed Tile, Add	*6.00*	
09 68 13 00-0013	SY	38 Ounce, Non-Patterned, Nylon Carpet Tile	58.46	7.14
		For Up To 15, Add	*3.50*	
		For >15 To 33, Add	*1.75*	
		For >200 To 400, Deduct	*-0.82*	
		For >400 To 600, Deduct	*-1.23*	
		For >600 To 900, Deduct	*-2.31*	
		For >900 To 1,500, Deduct	*-3.39*	
		For >1,500 To 2,200, Deduct	*-4.97*	
		For >2,200 To 3,500, Deduct	*-6.43*	
		For >3,500, Deduct	*-7.89*	
		For Cut And Loop Pile Combination Or Tip Shear Carpet, Add	*2.00*	
		For Cushion Backed Tile, Add	*6.00*	
09 68 13 00-0014	SY	40 Ounce, Non-Patterned, Nylon Carpet Tile	61.19	7.14
		For Up To 15, Add	*3.50*	
		For >15 To 33, Add	*1.75*	
		For >200 To 400, Deduct	*-0.87*	
		For >400 To 600, Deduct	*-1.31*	
		For >600 To 900, Deduct	*-2.45*	
		For >900 To 1,500, Deduct	*-3.58*	
		For >1,500 To 2,200, Deduct	*-5.24*	
		For >2,200 To 3,500, Deduct	*-6.77*	
		For >3,500, Deduct	*-8.30*	
		For Cut And Loop Pile Combination Or Tip Shear Carpet, Add	*2.00*	
		For Cushion Backed Tile, Add	*6.00*	
09 68 13 00-0015	SY	42 Ounce, Non-Patterned, Nylon Carpet Tile	66.43	7.14
		For Up To 15, Add	*3.50*	
		For >15 To 33, Add	*1.75*	
		For >200 To 400, Deduct	*-0.98*	
		For >400 To 600, Deduct	*-1.47*	
		For >600 To 900, Deduct	*-2.71*	
		For >900 To 1,500, Deduct	*-3.95*	
		For >1,500 To 2,200, Deduct	*-5.77*	
		For >2,200 To 3,500, Deduct	*-7.43*	
		For >3,500, Deduct	*-9.09*	
		For Cut And Loop Pile Combination Or Tip Shear Carpet, Add	*2.00*	
		For Cushion Backed Tile, Add	*6.00*	
09 68 13 00-0016	SY	Installation Of Owner Provided Non-Patterned Carpet Tiles	17.12	

09 68 13 00-0017 Patterned Carpet Tiles *(09 68 13 00-0001)*

Note: Patterned carpet has a definitive repeating pattern as defined by the manufacturer.

09 68 13 00-0018	SY	15 Ounce, Patterned, Nylon Carpet Tile	40.29	7.14
		For Up To 15, Add	*3.85*	
		For >15 To 33, Add	*1.93*	
		For >200 To 400, Deduct	*-0.42*	
		For >400 To 600, Deduct	*-0.63*	
		For >600 To 900, Deduct	*-1.34*	
		For >900 To 1,500, Deduct	*-2.05*	
		For >1,500 To 2,200, Deduct	*-3.07*	
		For >2,200 To 3,500, Deduct	*-4.07*	
		For >3,500, Deduct	*-5.08*	
		For Cushion Backed Tile, Add	*6.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68 13 00-0019	SY	18 Ounce, Patterned, Nylon Carpet Tile	40.66	7.14
		For Up To 15, Add	*3.85*	
		For >15 To 33, Add	*1.93*	
		For >200 To 400, Deduct	*-0.43*	
		For >400 To 600, Deduct	*-0.64*	
		For >600 To 900, Deduct	*-1.36*	
		For >900 To 1,500, Deduct	*-2.08*	
		For >1,500 To 2,200, Deduct	*-3.10*	
		For >2,200 To 3,500, Deduct	*-4.12*	
		For >3,500, Deduct	*-5.14*	
		For Cushion Backed Tile, Add	*6.00*	
09 68 13 00-0020	SY	20 Ounce, Patterned, Nylon Carpet Tile	42.30	7.14
		For Up To 15, Add	*3.85*	
		For >15 To 33, Add	*1.93*	
		For >200 To 400, Deduct	*-0.46*	
		For >400 To 600, Deduct	*-0.69*	
		For >600 To 900, Deduct	*-1.44*	
		For >900 To 1,500, Deduct	*-2.19*	
		For >1,500 To 2,200, Deduct	*-3.27*	
		For >2,200 To 3,500, Deduct	*-4.32*	
		For >3,500, Deduct	*-5.38*	
		For Cushion Backed Tile, Add	*6.00*	
09 68 13 00-0021	SY	22 Ounce, Patterned, Nylon Carpet Tile	46.49	7.14
		For Up To 15, Add	*3.85*	
		For >15 To 33, Add	*1.93*	
		For >200 To 400, Deduct	*-0.54*	
		For >400 To 600, Deduct	*-0.82*	
		For >600 To 900, Deduct	*-1.65*	
		For >900 To 1,500, Deduct	*-2.48*	
		For >1,500 To 2,200, Deduct	*-3.69*	
		For >2,200 To 3,500, Deduct	*-4.85*	
		For >3,500, Deduct	*-6.01*	
		For Cushion Backed Tile, Add	*6.00*	
09 68 13 00-0022	SY	24 Ounce, Patterned, Nylon Carpet Tile	50.56	7.14
		For Up To 15, Add	*3.85*	
		For >15 To 33, Add	*1.93*	
		For >200 To 400, Deduct	*-0.63*	
		For >400 To 600, Deduct	*-0.94*	
		For >600 To 900, Deduct	*-1.85*	
		For >900 To 1,500, Deduct	*-2.77*	
		For >1,500 To 2,200, Deduct	*-4.09*	
		For >2,200 To 3,500, Deduct	*-5.36*	
		For >3,500, Deduct	*-6.62*	
		For Cushion Backed Tile, Add	*6.00*	
09 68 13 00-0023	SY	26 Ounce, Patterned, Nylon Carpet Tile	52.95	7.14
		For Up To 15, Add	*3.85*	
		For >15 To 33, Add	*1.93*	
		For >200 To 400, Deduct	*-0.67*	
		For >400 To 600, Deduct	*-1.01*	
		For >600 To 900, Deduct	*-1.97*	
		For >900 To 1,500, Deduct	*-2.94*	
		For >1,500 To 2,200, Deduct	*-4.33*	
		For >2,200 To 3,500, Deduct	*-5.66*	
		For >3,500, Deduct	*-6.98*	
		For Cushion Backed Tile, Add	*6.00*	
09 68 13 00-0024	SY	28 Ounce, Patterned, Nylon Carpet Tile	55.39	7.14
		For Up To 15, Add	*3.85*	
		For >15 To 33, Add	*1.93*	
		For >200 To 400, Deduct	*-0.72*	
		For >400 To 600, Deduct	*-1.08*	
		For >600 To 900, Deduct	*-2.10*	
		For >900 To 1,500, Deduct	*-3.11*	
		For >1,500 To 2,200, Deduct	*-4.58*	
		For >2,200 To 3,500, Deduct	*-5.96*	
		For >3,500, Deduct	*-7.35*	
		For Cushion Backed Tile, Add	*6.00*	
09 68 13 00-0025	SY	30 Ounce, Patterned, Nylon Carpet Tile	56.11	7.14
		For Up To 15, Add	*3.85*	
		For >15 To 33, Add	*1.93*	
		For >200 To 400, Deduct	*-0.74*	
		For >400 To 600, Deduct	*-1.11*	
		For >600 To 900, Deduct	*-2.13*	
		For >900 To 1,500, Deduct	*-3.16*	
		For >1,500 To 2,200, Deduct	*-4.65*	
		For >2,200 To 3,500, Deduct	*-6.05*	
		For >3,500, Deduct	*-7.45*	
		For Cushion Backed Tile, Add	*6.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68 13 00-0026	SY	32 Ounce, Patterned, Nylon Carpet Tile	56.57	7.14
		For Up To 15, Add	*3.85*	
		For >15 To 33, Add	*1.93*	
		For >200 To 400, Deduct	*-0.75*	
		For >400 To 600, Deduct	*-1.12*	
		For >600 To 900, Deduct	*-2.15*	
		For >900 To 1,500, Deduct	*-3.19*	
		For >1,500 To 2,200, Deduct	*-4.69*	
		For >2,200 To 3,500, Deduct	*-6.11*	
		For >3,500, Deduct	*-7.52*	
		For Cushion Backed Tile, Add	*6.00*	
09 68 13 00-0027	SY	34 Ounce, Patterned, Nylon Carpet Tile	56.95	7.14
		For Up To 15, Add	*3.85*	
		For >15 To 33, Add	*1.93*	
		For >200 To 400, Deduct	*-0.75*	
		For >400 To 600, Deduct	*-1.13*	
		For >600 To 900, Deduct	*-2.17*	
		For >900 To 1,500, Deduct	*-3.22*	
		For >1,500 To 2,200, Deduct	*-4.73*	
		For >2,200 To 3,500, Deduct	*-6.16*	
		For >3,500, Deduct	*-7.58*	
		For Cushion Backed Tile, Add	*6.00*	
09 68 13 00-0028	SY	36 Ounce, Patterned, Nylon Carpet Tile	58.25	7.14
		For Up To 15, Add	*3.85*	
		For >15 To 33, Add	*1.93*	
		For >200 To 400, Deduct	*-0.78*	
		For >400 To 600, Deduct	*-1.17*	
		For >600 To 900, Deduct	*-2.24*	
		For >900 To 1,500, Deduct	*-3.31*	
		For >1,500 To 2,200, Deduct	*-4.86*	
		For >2,200 To 3,500, Deduct	*-6.32*	
		For >3,500, Deduct	*-7.77*	
		For Cut And Loop Pile Combination Or Tip Shear Carpet, Add	*2.00*	
		For Cushion Backed Tile, Add	*6.00*	
09 68 13 00-0029	SY	38 Ounce, Patterned, Nylon Carpet Tile	60.83	7.14
		For Up To 15, Add	*3.85*	
		For >15 To 33, Add	*1.93*	
		For >200 To 400, Deduct	*-0.83*	
		For >400 To 600, Deduct	*-1.25*	
		For >600 To 900, Deduct	*-2.37*	
		For >900 To 1,500, Deduct	*-3.49*	
		For >1,500 To 2,200, Deduct	*-5.12*	
		For >2,200 To 3,500, Deduct	*-6.64*	
		For >3,500, Deduct	*-8.16*	
		For Cut And Loop Pile Combination Or Tip Shear Carpet, Add	*2.00*	
		For Cushion Backed Tile, Add	*6.00*	
09 68 13 00-0030	SY	40 Ounce, Patterned, Nylon Carpet Tile	63.60	7.14
		For Up To 15, Add	*3.85*	
		For >15 To 33, Add	*1.93*	
		For >200 To 400, Deduct	*-0.89*	
		For >400 To 600, Deduct	*-1.33*	
		For >600 To 900, Deduct	*-2.51*	
		For >900 To 1,500, Deduct	*-3.68*	
		For >1,500 To 2,200, Deduct	*-5.40*	
		For >2,200 To 3,500, Deduct	*-6.99*	
		For >3,500, Deduct	*-8.58*	
		For Cut And Loop Pile Combination Or Tip Shear Carpet, Add	*2.00*	
		For Cushion Backed Tile, Add	*6.00*	
09 68 13 00-0031	SY	42 Ounce, Patterned, Nylon Carpet Tile	68.92	7.14
		For Up To 15, Add	*3.85*	
		For >15 To 33, Add	*1.93*	
		For >200 To 400, Deduct	*-0.99*	
		For >400 To 600, Deduct	*-1.49*	
		For >600 To 900, Deduct	*-2.77*	
		For >900 To 1,500, Deduct	*-4.05*	
		For >1,500 To 2,200, Deduct	*-5.93*	
		For >2,200 To 3,500, Deduct	*-7.65*	
		For >3,500, Deduct	*-9.38*	
		For Cut And Loop Pile Combination Or Tip Shear Carpet, Add	*2.00*	
		For Cushion Backed Tile, Add	*6.00*	
09 68 13 00-0032	SY	Installation Of Owner Provided Patterned Carpet Tiles	19.67	

09 68 13 00-0033 ESD Static Control Carpet Tiles (StaticSmart Mission Critical Discovery ECO Series) *(09 68 13 00-0001)*

Note: Includes conductive ESD releasable adhesive and grounding clips.

09 68 13 00-0034	SY	24 Ounce, ESD Static Control, Non-Patterned, Nylon Carpet Tile (StaticSmart Mission Critical Discovery ECO Series)	96.61	7.14
		For Up To 15, Add	*3.85*	
		For >15 To 33, Add	*1.93*	
		For >200 To 400, Deduct	*-1.55*	
		For >400 To 600, Deduct	*-2.32*	
		For >600 To 900, Deduct	*-4.16*	
		For >900 To 1,500, Deduct	*-5.99*	
		For >1,500 To 2,200, Deduct	*-8.70*	
		For >2,200 To 3,500, Deduct	*-11.11*	
		For >3,500, Deduct	*-13.53*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

09 68 16 Sheet Carpeting *(09 68)*

Note: Weights shown are face weight excluding backing weight and excludes padding. Demolition of carpet includes removal of glue if required. Residential carpet backing basis is for padding and commercial carpet backing is for glue down.

09 68 16 00-0001 Carpet Cushion *(09 68 16)*

09 68 16 00-0002 Carpet Padding *(09 68 16 00-0001)*

09 68 16 00-0003 Prime Polyurethane Foam Carpet Padding *(09 68 16 00-0002)*

09 68 16 00-0004	SY	7/16" Thick, Prime Polyurethane Foam Carpet Padding	18.00	3.35
		For Up To 15, Add	*1.02*	
		For >15 To 33, Add	*0.51*	
		For >200 To 400, Deduct	*-0.26*	
		For >400 To 600, Deduct	*-0.39*	
		For >600 To 900, Deduct	*-0.72*	
		For >900 To 1,500, Deduct	*-1.06*	
		For >1,500 To 2,200, Deduct	*-1.55*	
		For >2,200 To 3,500, Deduct	*-2.00*	
		For >3,500, Deduct	*-2.45*	
09 68 16 00-0005	SY	1/2" Thick, Prime Polyurethane Foam Carpet Padding	18.76	3.35
		For Up To 15, Add	*1.02*	
		For >15 To 33, Add	*0.51*	
		For >200 To 400, Deduct	*-0.27*	
		For >400 To 600, Deduct	*-0.41*	
		For >600 To 900, Deduct	*-0.76*	
		For >900 To 1,500, Deduct	*-1.11*	
		For >1,500 To 2,200, Deduct	*-1.62*	
		For >2,200 To 3,500, Deduct	*-2.09*	
		For >3,500, Deduct	*-2.56*	

09 68 16 00-0006 Bonded (Rebond) Polyurethane Foam Carpet Padding *(09 68 16 00-0002)*

09 68 16 00-0007	SY	1/4" Thick, 8 LB/CF Bonded (Rebond) Polyurethane Foam Carpet Padding	11.39	3.35
		For Up To 15, Add	*1.02*	
		For >15 To 33, Add	*0.51*	
		For >200 To 400, Deduct	*-0.13*	
		For >400 To 600, Deduct	*-0.19*	
		For >600 To 900, Deduct	*-0.39*	
		For >900 To 1,500, Deduct	*-0.59*	
		For >1,500 To 2,200, Deduct	*-0.89*	
		For >2,200 To 3,500, Deduct	*-1.17*	
		For >3,500, Deduct	*-1.45*	
09 68 16 00-0008	SY	5/16" Thick, 8 LB/CF Bonded (Rebond) Polyurethane Foam Carpet Padding	11.92	3.35
		For Up To 15, Add	*1.02*	
		For >15 To 33, Add	*0.51*	
		For >200 To 400, Deduct	*-0.14*	
		For >400 To 600, Deduct	*-0.21*	
		For >600 To 900, Deduct	*-0.42*	
		For >900 To 1,500, Deduct	*-0.63*	
		For >1,500 To 2,200, Deduct	*-0.94*	
		For >2,200 To 3,500, Deduct	*-1.24*	
		For >3,500, Deduct	*-1.53*	
09 68 16 00-0009	SY	3/8" Thick, 5.5 LB/CF Bonded (Rebond) Polyurethane Foam Carpet Padding	9.46	3.35
		For Up To 15, Add	*1.02*	
		For >15 To 33, Add	*0.51*	
		For >200 To 400, Deduct	*-0.09*	
		For >400 To 600, Deduct	*-0.13*	
		For >600 To 900, Deduct	*-0.30*	
		For >900 To 1,500, Deduct	*-0.46*	
		For >1,500 To 2,200, Deduct	*-0.69*	
		For >2,200 To 3,500, Deduct	*-0.93*	
		For >3,500, Deduct	*-1.17*	
09 68 16 00-0010	SY	3/8" Thick, 8 LB/CF Bonded (Rebond) Polyurethane Foam Carpet Padding	11.57	3.35
		For Up To 15, Add	*1.02*	
		For >15 To 33, Add	*0.51*	
		For >200 To 400, Deduct	*-0.13*	
		For >400 To 600, Deduct	*-0.19*	
		For >600 To 900, Deduct	*-0.40*	
		For >900 To 1,500, Deduct	*-0.61*	
		For >1,500 To 2,200, Deduct	*-0.90*	
		For >2,200 To 3,500, Deduct	*-1.19*	
		For >3,500, Deduct	*-1.48*	
09 68 16 00-0011	SY	7/16" Thick, 5.5 LB/CF Bonded (Rebond) Polyurethane Foam Carpet Padding	11.57	3.35
		For Up To 15, Add	*1.02*	
		For >15 To 33, Add	*0.51*	
		For >200 To 400, Deduct	*-0.13*	
		For >400 To 600, Deduct	*-0.19*	
		For >600 To 900, Deduct	*-0.40*	
		For >900 To 1,500, Deduct	*-0.61*	
		For >1,500 To 2,200, Deduct	*-0.90*	
		For >2,200 To 3,500, Deduct	*-1.19*	
		For >3,500, Deduct	*-1.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68 16 00-0012	SY	7/16" Thick, 6 LB/CF Bonded (Rebond) Polyurethane Foam Carpet Padding	11.57	3.35
		For Up To 15, Add	*1.02*	
		For >15 To 33, Add	*0.51*	
		For >200 To 400, Deduct	*-0.13*	
		For >400 To 600, Deduct	*-0.19*	
		For >600 To 900, Deduct	*-0.40*	
		For >900 To 1,500, Deduct	*-0.61*	
		For >1,500 To 2,200, Deduct	*-0.90*	
		For >2,200 To 3,500, Deduct	*-1.19*	
		For >3,500, Deduct	*-1.48*	
09 68 16 00-0013	SY	7/16" Thick, 8 LB/CF Bonded (Rebond) Polyurethane Foam Carpet Padding	12.82	3.35
		For Up To 15, Add	*1.02*	
		For >15 To 33, Add	*0.51*	
		For >200 To 400, Deduct	*-0.15*	
		For >400 To 600, Deduct	*-0.23*	
		For >600 To 900, Deduct	*-0.46*	
		For >900 To 1,500, Deduct	*-0.69*	
		For >1,500 To 2,200, Deduct	*-1.03*	
		For >2,200 To 3,500, Deduct	*-1.35*	
		For >3,500, Deduct	*-1.67*	
09 68 16 00-0014	SY	1/2" Thick, 5.5 LB/CF Bonded (Rebond) Polyurethane Foam Carpet Padding	11.45	3.35
		For Up To 15, Add	*1.02*	
		For >15 To 33, Add	*0.51*	
		For >200 To 400, Deduct	*-0.13*	
		For >400 To 600, Deduct	*-0.19*	
		For >600 To 900, Deduct	*-0.39*	
		For >900 To 1,500, Deduct	*-0.60*	
		For >1,500 To 2,200, Deduct	*-0.89*	
		For >2,200 To 3,500, Deduct	*-1.18*	
		For >3,500, Deduct	*-1.46*	
09 68 16 00-0015	SY	1/2" Thick, 6 LB/CF Bonded (Rebond) Polyurethane Foam Carpet Padding	11.86	3.35
		For Up To 15, Add	*1.02*	
		For >15 To 33, Add	*0.51*	
		For >200 To 400, Deduct	*-0.14*	
		For >400 To 600, Deduct	*-0.20*	
		For >600 To 900, Deduct	*-0.42*	
		For >900 To 1,500, Deduct	*-0.63*	
		For >1,500 To 2,200, Deduct	*-0.93*	
		For >2,200 To 3,500, Deduct	*-1.23*	
		For >3,500, Deduct	*-1.53*	
09 68 16 00-0016	SY	1/2" Thick, 8 LB/CF Bonded (Rebond) Polyurethane Foam Carpet Padding	13.34	3.35
		For Up To 15, Add	*1.02*	
		For >15 To 33, Add	*0.51*	
		For >200 To 400, Deduct	*-0.17*	
		For >400 To 600, Deduct	*-0.25*	
		For >600 To 900, Deduct	*-0.49*	
		For >900 To 1,500, Deduct	*-0.73*	
		For >1,500 To 2,200, Deduct	*-1.08*	
		For >2,200 To 3,500, Deduct	*-1.41*	
		For >3,500, Deduct	*-1.75*	
09 68 16 00-0017		Froth Polyurethane Foam Carpet Padding *(09 68 16 00-0002)*		
09 68 16 00-0018	SY	0.175" Thick, 16 LB/CF Froth Polyurethane Foam Rubber Padding	19.15	3.35
		For Up To 15, Add	*1.02*	
		For >15 To 33, Add	*0.51*	
		For >200 To 400, Deduct	*-0.28*	
		For >400 To 600, Deduct	*-0.42*	
		For >600 To 900, Deduct	*-0.78*	
		For >900 To 1,500, Deduct	*-1.14*	
		For >1,500 To 2,200, Deduct	*-1.66*	
		For >2,200 To 3,500, Deduct	*-2.14*	
		For >3,500, Deduct	*-2.62*	
09 68 16 00-0019	SY	0.250" Thick, 12 LB/CF Froth Polyurethane Foam Rubber Carpet Padding	21.33	3.35
		For Up To 15, Add	*1.02*	
		For >15 To 33, Add	*0.51*	
		For >200 To 400, Deduct	*-0.33*	
		For >400 To 600, Deduct	*-0.49*	
		For >600 To 900, Deduct	*-0.89*	
		For >900 To 1,500, Deduct	*-1.29*	
		For >1,500 To 2,200, Deduct	*-1.88*	
		For >2,200 To 3,500, Deduct	*-2.41*	
		For >3,500, Deduct	*-2.95*	
09 68 16 00-0020	SY	0.250" Thick, 16 LB/CF Froth Polyurethane Foam Rubber Carpet Padding	23.01	3.35
		For Up To 15, Add	*1.02*	
		For >15 To 33, Add	*0.51*	
		For >200 To 400, Deduct	*-0.36*	
		For >400 To 600, Deduct	*-0.54*	
		For >600 To 900, Deduct	*-0.97*	
		For >900 To 1,500, Deduct	*-1.41*	
		For >1,500 To 2,200, Deduct	*-2.05*	
		For >2,200 To 3,500, Deduct	*-2.62*	
		For >3,500, Deduct	*-3.20*	
09 68 16 00-0021		Waffle Rubber Carpet Padding *(09 68 16 00-0002)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68 16 00-0022	SY	3/8" Thick, 90 OZ/SY Waffle Rubber Carpet Padding	21.92	3.35
		For Up To 15, Add	*1.02*	
		For >15 To 33, Add	*0.51*	
		For >200 To 400, Deduct	*-0.34*	
		For >400 To 600, Deduct	*-0.51*	
		For >600 To 900, Deduct	*-0.92*	
		For >900 To 1,500, Deduct	*-1.33*	
		For >1,500 To 2,200, Deduct	*-1.94*	
		For >2,200 To 3,500, Deduct	*-2.49*	
		For >3,500, Deduct	*-3.03*	
09 68 16 00-0023		**Flat Sponge Rubber Carpet Padding** *(09 68 16 00-0002)*		
09 68 16 00-0024	SY	0.156" Thick, 62 OZ/SY Flat Sponge Rubber Carpet Padding	13.46	3.35
		For Up To 15, Add	*1.02*	
		For >15 To 33, Add	*0.51*	
		For >200 To 400, Deduct	*-0.17*	
		For >400 To 600, Deduct	*-0.25*	
		For >600 To 900, Deduct	*-0.50*	
		For >900 To 1,500, Deduct	*-0.74*	
		For >1,500 To 2,200, Deduct	*-1.09*	
		For >2,200 To 3,500, Deduct	*-1.43*	
		For >3,500, Deduct	*-1.77*	
09 68 16 00-0025	SY	0.250" Thick, 68 OZ/SY Flat Sponge Rubber Carpet Padding	14.36	3.35
		For Up To 15, Add	*1.02*	
		For >15 To 33, Add	*0.51*	
		For >200 To 400, Deduct	*-0.19*	
		For >400 To 600, Deduct	*-0.28*	
		For >600 To 900, Deduct	*-0.54*	
		For >900 To 1,500, Deduct	*-0.80*	
		For >1,500 To 2,200, Deduct	*-1.18*	
		For >2,200 To 3,500, Deduct	*-1.54*	
		For >3,500, Deduct	*-1.90*	
09 68 16 00-0026	SY	0.250" Thick, 80 OZ/SY Flat Sponge Rubber Carpet Padding	15.02	3.35
		For Up To 15, Add	*1.02*	
		For >15 To 33, Add	*0.51*	
		For >200 To 400, Deduct	*-0.20*	
		For >400 To 600, Deduct	*-0.30*	
		For >600 To 900, Deduct	*-0.57*	
		For >900 To 1,500, Deduct	*-0.85*	
		For >1,500 To 2,200, Deduct	*-1.25*	
		For >2,200 To 3,500, Deduct	*-1.62*	
		For >3,500, Deduct	*-2.00*	
09 68 16 00-0027	SY	0.250" Thick, 100 OZ/SY Flat Sponge Rubber Carpet Padding	17.08	3.35
		For Up To 15, Add	*1.02*	
		For >15 To 33, Add	*0.51*	
		For >200 To 400, Deduct	*-0.24*	
		For >400 To 600, Deduct	*-0.36*	
		For >600 To 900, Deduct	*-0.68*	
		For >900 To 1,500, Deduct	*-0.99*	
		For >1,500 To 2,200, Deduct	*-1.45*	
		For >2,200 To 3,500, Deduct	*-1.88*	
		For >3,500, Deduct	*-2.31*	
09 68 16 00-0028	SY	0.370" Thick, 100 OZ/SY Flat Sponge Rubber Carpet Padding	17.26	3.35
		For Up To 15, Add	*1.02*	
		For >15 To 33, Add	*0.51*	
		For >200 To 400, Deduct	*-0.24*	
		For >400 To 600, Deduct	*-0.37*	
		For >600 To 900, Deduct	*-0.69*	
		For >900 To 1,500, Deduct	*-1.01*	
		For >1,500 To 2,200, Deduct	*-1.47*	
		For >2,200 To 3,500, Deduct	*-1.90*	
		For >3,500, Deduct	*-2.34*	
09 68 16 00-0029		**Synthetic Fiber Carpet Padding** *(09 68 16 00-0002)*		
09 68 16 00-0030	SY	0.235" Thick, 20 OZ/SY Synthetic Fiber Carpet Padding	6.81	3.35
		For Up To 15, Add	*1.02*	
		For >15 To 33, Add	*0.51*	
		For >200 To 400, Deduct	*-0.03*	
		For >400 To 600, Deduct	*-0.05*	
		For >600 To 900, Deduct	*-0.16*	
		For >900 To 1,500, Deduct	*-0.27*	
		For >1,500 To 2,200, Deduct	*-0.43*	
		For >2,200 To 3,500, Deduct	*-0.60*	
		For >3,500, Deduct	*-0.77*	
09 68 16 00-0031	SY	0.235" Thick, 24 OZ/SY Synthetic Fiber Carpet Padding	8.18	3.35
		For Up To 15, Add	*1.02*	
		For >15 To 33, Add	*0.51*	
		For >200 To 400, Deduct	*-0.06*	
		For >400 To 600, Deduct	*-0.09*	
		For >600 To 900, Deduct	*-0.23*	
		For >900 To 1,500, Deduct	*-0.37*	
		For >1,500 To 2,200, Deduct	*-0.56*	
		For >2,200 To 3,500, Deduct	*-0.77*	
		For >3,500, Deduct	*-0.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68 16 00-0032	SY	0.275" Thick, 28 OZ/SY Synthetic Fiber Carpet Padding	7.55	3.35
		For Up To 15, Add	*1.02*	
		For >15 To 33, Add	*0.51*	
		For >200 To 400, Deduct	*-0.05*	
		For >400 To 600, Deduct	*-0.07*	
		For >600 To 900, Deduct	*-0.20*	
		For >900 To 1,500, Deduct	*-0.33*	
		For >1,500 To 2,200, Deduct	*-0.50*	
		For >2,200 To 3,500, Deduct	*-0.69*	
		For >3,500, Deduct	*-0.88*	
09 68 16 00-0033	SY	0.300" Thick, 32 OZ/SY Synthetic Fiber Carpet Padding	7.79	3.35
		For Up To 15, Add	*1.02*	
		For >15 To 33, Add	*0.51*	
		For >200 To 400, Deduct	*-0.05*	
		For >400 To 600, Deduct	*-0.08*	
		For >600 To 900, Deduct	*-0.21*	
		For >900 To 1,500, Deduct	*-0.34*	
		For >1,500 To 2,200, Deduct	*-0.53*	
		For >2,200 To 3,500, Deduct	*-0.72*	
		For >3,500, Deduct	*-0.91*	
09 68 16 00-0034	SY	0.350" Thick, 40 OZ/SY Synthetic Fiber Carpet Padding	9.19	3.35
		For Up To 15, Add	*1.02*	
		For >15 To 33, Add	*0.51*	
		For >200 To 400, Deduct	*-0.08*	
		For >400 To 600, Deduct	*-0.12*	
		For >600 To 900, Deduct	*-0.28*	
		For >900 To 1,500, Deduct	*-0.44*	
		For >1,500 To 2,200, Deduct	*-0.67*	
		For >2,200 To 3,500, Deduct	*-0.89*	
		For >3,500, Deduct	*-1.12*	

09 68 16 00-0035 Double Stick Synthetic Fiber Carpet Padding *(09 68 16 00-0002)*

09 68 16 00-0036	SY	0.300" Thick, 32 OZ/SY Double Stick Synthetic Fiber Carpet Padding	9.62	3.35
		For Up To 15, Add	*1.02*	
		For >15 To 33, Add	*0.51*	
		For >200 To 400, Deduct	*-0.09*	
		For >400 To 600, Deduct	*-0.14*	
		For >600 To 900, Deduct	*-0.30*	
		For >900 To 1,500, Deduct	*-0.47*	
		For >1,500 To 2,200, Deduct	*-0.71*	
		For >2,200 To 3,500, Deduct	*-0.95*	
		For >3,500, Deduct	*-1.19*	
09 68 16 00-0037	SY	0.375" Thick, 40 OZ/SY Double Stick Synthetic Fiber Carpet Padding	10.71	3.35
		For Up To 15, Add	*1.02*	
		For >15 To 33, Add	*0.51*	
		For >200 To 400, Deduct	*-0.11*	
		For >400 To 600, Deduct	*-0.17*	
		For >600 To 900, Deduct	*-0.36*	
		For >900 To 1,500, Deduct	*-0.55*	
		For >1,500 To 2,200, Deduct	*-0.82*	
		For >2,200 To 3,500, Deduct	*-1.08*	
		For >3,500, Deduct	*-1.35*	

09 68 16 00-0038 Residential Broadloom Carpet *(09 68 16)*

Note: Includes tacks. See CSI section 09 68 16 00-0001 for padding.

09 68 16 00-0039	SY	25 Ounce, Medium Traffic, Residential, Nylon Broadloom Carpet	42.99	8.94
		For Glued Down Material Instead Of Tack Strips (Includes Scarify Floor Area And Appropriate Backing), Add	*3.84*	
		For Up To 15, Add	*4.59*	
		For >15 To 33, Add	*2.29*	
		For >200 To 400, Deduct	*-0.40*	
		For >400 To 600, Deduct	*-0.60*	
		For >600 To 900, Deduct	*-1.35*	
		For >900, Deduct	*-2.09*	
		For Installation On Stairs, Each Riser, Add	*6.00*	
09 68 16 00-0040	SY	30 Ounce, Medium Traffic, Residential, Nylon Broadloom Carpet	47.71	8.94
		For Glued Down Material Instead Of Tack Strips (Includes Scarify Floor Area And Appropriate Backing), Add	*3.84*	
		For Up To 15, Add	*4.59*	
		For >15 To 33, Add	*2.29*	
		For >200 To 400, Deduct	*-0.50*	
		For >400 To 600, Deduct	*-0.74*	
		For >600 To 900, Deduct	*-1.58*	
		For >900, Deduct	*-2.42*	
		For Installation On Stairs, Each Riser, Add	*6.00*	
09 68 16 00-0041	SY	32 Ounce, Medium Traffic, Residential, Nylon Broadloom Carpet	54.20	8.94
		For Glued Down Material Instead Of Tack Strips (Includes Scarify Floor Area And Appropriate Backing), Add	*3.84*	
		For Up To 15, Add	*4.59*	
		For >15 To 33, Add	*2.29*	
		For >200 To 400, Deduct	*-0.63*	
		For >400 To 600, Deduct	*-0.94*	
		For >600 To 900, Deduct	*-1.91*	
		For >900, Deduct	*-2.88*	
		For Installation On Stairs, Each Riser, Add	*6.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68 16 00-0042	SY	34 Ounce, Medium Traffic, Residential, Nylon Broadloom Carpet	60.98	8.94
		For Glued Down Material Instead Of Tack Strips (Includes Scarify Floor Area And Appropriate Backing), Add	*3.84*	
		For Up To 15, Add	*4.59*	
		For >15 To 33, Add	*2.29*	
		For >200 To 400, Deduct	*-0.76*	
		For >400 To 600, Deduct	*-1.14*	
		For >600 To 900, Deduct	*-2.25*	
		For >900, Deduct	*-3.35*	
		For Installation On Stairs, Each Riser, Add	*6.00*	
09 68 16 00-0043	SY	40 Ounce, Medium Traffic, Residential, Nylon Broadloom Carpet	62.16	8.94
		For Glued Down Material Instead Of Tack Strips (Includes Scarify Floor Area And Appropriate Backing), Add	*3.84*	
		For Up To 15, Add	*4.59*	
		For >15 To 33, Add	*2.29*	
		For >200 To 400, Deduct	*-0.78*	
		For >400 To 600, Deduct	*-1.18*	
		For >600 To 900, Deduct	*-2.31*	
		For >900, Deduct	*-3.43*	
		For Installation On Stairs, Each Riser, Add	*6.00*	
09 68 16 00-0044	SY	45 Ounce, Medium Traffic, Residential, Nylon Broadloom Carpet	64.33	9.84
		For Glued Down Material Instead Of Tack Strips (Includes Scarify Floor Area And Appropriate Backing), Add	*4.07*	
		For Up To 15, Add	*4.90*	
		For >15 To 33, Add	*2.45*	
		For >200 To 400, Deduct	*-0.80*	
		For >400 To 600, Deduct	*-1.20*	
		For >600 To 900, Deduct	*-2.36*	
		For >900, Deduct	*-3.52*	
		For Installation On Stairs, Each Riser, Add	*6.00*	
09 68 16 00-0045	SY	48 Ounce, Medium Traffic, Residential, Nylon Broadloom Carpet	66.35	9.84
		For Glued Down Material Instead Of Tack Strips (Includes Scarify Floor Area And Appropriate Backing), Add	*4.07*	
		For Up To 15, Add	*4.90*	
		For >15 To 33, Add	*2.45*	
		For >200 To 400, Deduct	*-0.84*	
		For >400 To 600, Deduct	*-1.26*	
		For >600 To 900, Deduct	*-2.46*	
		For >900, Deduct	*-3.67*	
		For Installation On Stairs, Each Riser, Add	*6.00*	
09 68 16 00-0046	SY	50 Ounce, Medium Traffic, Residential, Nylon Broadloom Carpet	71.36	9.84
		For Glued Down Material Instead Of Tack Strips (Includes Scarify Floor Area And Appropriate Backing), Add	*4.07*	
		For Up To 15, Add	*4.90*	
		For >15 To 33, Add	*2.45*	
		For >200 To 400, Deduct	*-0.94*	
		For >400 To 600, Deduct	*-1.41*	
		For >600 To 900, Deduct	*-2.71*	
		For >900, Deduct	*-4.02*	
		For Installation On Stairs, Each Riser, Add	*6.00*	
09 68 16 00-0047	SY	60 Ounce, Medium Traffic, Residential, Nylon Broadloom Carpet	71.95	9.84
		For Glued Down Material Instead Of Tack Strips (Includes Scarify Floor Area And Appropriate Backing), Add	*4.07*	
		For Up To 15, Add	*4.90*	
		For >15 To 33, Add	*2.45*	
		For >200 To 400, Deduct	*-0.95*	
		For >400 To 600, Deduct	*-1.42*	
		For >600 To 900, Deduct	*-2.74*	
		For >900, Deduct	*-4.06*	
		For Installation On Stairs, Each Riser, Add	*6.00*	
09 68 16 00-0048	SY	65 Ounce, Medium Traffic, Residential, Nylon Broadloom Carpet	74.31	9.84
		For Glued Down Material Instead Of Tack Strips (Includes Scarify Floor Area And Appropriate Backing), Add	*4.07*	
		For Up To 15, Add	*4.90*	
		For >15 To 33, Add	*2.45*	
		For >200 To 400, Deduct	*-1.00*	
		For >400 To 600, Deduct	*-1.49*	
		For >600 To 900, Deduct	*-2.86*	
		For >900, Deduct	*-4.22*	
		For Installation On Stairs, Each Riser, Add	*6.00*	

09 68 16 00-0049 Commercial Broadloom Carpet *(09 68 16)*

Note: Level-loop pile or textured-loop pile broadloom carpet.

09 68 16 00-0050 Non-Patterned Broadloom Carpet *(09 68 16 00-0049)*

09 68 16 00-0051	SY	22 Ounce, Medium Traffic, Non-Patterned, Nylon Broadloom Carpet	53.40	29.33
		For Up To 15, Add	*3.91*	
		For >15 To 33, Add	*1.96*	
		For >200 To 400, Deduct	*-0.68*	
		For >400 To 600, Deduct	*-1.02*	
		For >600 To 900, Deduct	*-1.99*	
		For >900, Deduct	*-2.96*	
		For Moisture Barrier Backing, Add	*3.50*	
		For Installation On Stairs, Each Riser, Add	*6.00*	
09 68 16 00-0052	SY	24 Ounce, Medium Traffic, Non-Patterned, Nylon Broadloom Carpet	53.40	29.33
		For Up To 15, Add	*3.91*	
		For >15 To 33, Add	*1.96*	
		For >200 To 400, Deduct	*-0.68*	
		For >400 To 600, Deduct	*-1.02*	
		For >600 To 900, Deduct	*-1.99*	
		For >900, Deduct	*-2.96*	
		For Moisture Barrier Backing, Add	*3.50*	
		For Installation On Stairs, Each Riser, Add	*6.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68 16 00-0053	SY	26 Ounce, Medium Traffic, Non-Patterned, Nylon Broadloom Carpet	53.40	29.33
		For Up To 15, Add	*3.91*	
		For >15 To 33, Add	*1.96*	
		For >200 To 400, Deduct	*-0.68*	
		For >400 To 600, Deduct	*-1.02*	
		For >600 To 900, Deduct	*-1.99*	
		For >900, Deduct	*-2.96*	
		For Moisture Barrier Backing, Add	*3.50*	
		For Installation On Stairs, Each Riser, Add	*6.00*	
09 68 16 00-0054	SY	28 Ounce, Medium Traffic, Non-Patterned, Nylon Broadloom Carpet	57.89	31.78
		For Up To 15, Add	*4.24*	
		For >15 To 33, Add	*2.12*	
		For >200 To 400, Deduct	*-0.73*	
		For >400 To 600, Deduct	*-1.10*	
		For >600 To 900, Deduct	*-2.15*	
		For >900, Deduct	*-3.21*	
		For Moisture Barrier Backing, Add	*3.50*	
		For Installation On Stairs, Each Riser, Add	*6.00*	
09 68 16 00-0055	SY	30 Ounce, Medium Traffic, Non-Patterned, Nylon Broadloom Carpet	58.92	31.78
		For Up To 15, Add	*4.24*	
		For >15 To 33, Add	*2.12*	
		For >200 To 400, Deduct	*-0.75*	
		For >400 To 600, Deduct	*-1.13*	
		For >600 To 900, Deduct	*-2.20*	
		For >900, Deduct	*-3.28*	
		For Cut Pile Carpet, Add	*1.50*	
		For Moisture Barrier Backing, Add	*3.50*	
		For Installation On Stairs, Each Riser, Add	*6.00*	
09 68 16 00-0056	SY	32 Ounce, Medium Traffic, Non-Patterned, Nylon Broadloom Carpet	59.11	31.78
		For Up To 15, Add	*4.24*	
		For >15 To 33, Add	*2.12*	
		For >200 To 400, Deduct	*-0.76*	
		For >400 To 600, Deduct	*-1.14*	
		For >600 To 900, Deduct	*-2.21*	
		For >900, Deduct	*-3.29*	
		For Cut Pile Carpet, Add	*1.50*	
		For Moisture Barrier Backing, Add	*3.50*	
		For Installation On Stairs, Each Riser, Add	*6.00*	
09 68 16 00-0057	SY	34 Ounce, Medium Traffic, Non-Patterned, Nylon Broadloom Carpet	64.86	34.21
		For Up To 15, Add	*4.56*	
		For >15 To 33, Add	*2.28*	
		For >200 To 400, Deduct	*-0.84*	
		For >400 To 600, Deduct	*-1.26*	
		For >600 To 900, Deduct	*-2.44*	
		For >900, Deduct	*-3.63*	
		For Cut Pile Carpet, Add	*1.50*	
		For Moisture Barrier Backing, Add	*3.50*	
		For Installation On Stairs, Each Riser, Add	*6.00*	
09 68 16 00-0058	SY	36 Ounce, Heavy Traffic, Non-Patterned, Nylon Broadloom Carpet	65.61	34.21
		For Up To 15, Add	*4.56*	
		For >15 To 33, Add	*2.28*	
		For >200 To 400, Deduct	*-0.86*	
		For >400 To 600, Deduct	*-1.28*	
		For >600 To 900, Deduct	*-2.48*	
		For >900, Deduct	*-3.68*	
		For Cut Pile Carpet, Add	*1.50*	
		For Cut And Loop Pile Combination Or Tip Shear Carpet, Add	*2.00*	
		For Moisture Barrier Backing, Add	*3.50*	
		For Installation On Stairs, Each Riser, Add	*6.00*	
09 68 16 00-0059	SY	38 Ounce, Heavy Traffic, Non-Patterned, Nylon Broadloom Carpet	66.52	34.21
		For Up To 15, Add	*4.56*	
		For >15 To 33, Add	*2.28*	
		For >200 To 400, Deduct	*-0.87*	
		For >400 To 600, Deduct	*-1.31*	
		For >600 To 900, Deduct	*-2.53*	
		For >900, Deduct	*-3.74*	
		For Cut Pile Carpet, Add	*1.50*	
		For Cut And Loop Pile Combination Or Tip Shear Carpet, Add	*2.00*	
		For Moisture Barrier Backing, Add	*3.50*	
		For Installation On Stairs, Each Riser, Add	*6.00*	

09 68 16 00-0060 Patterned Broadloom Carpet *(09 68 16 00-0049)*

Note: Patterned carpet has a definitive repeating pattern as defined by the manufacturer.

09 68 16 00-0061	SY	22 Ounce, Medium Traffic, Patterned, Nylon Broadloom Carpet	55.87	29.33
		For Up To 15, Add	*4.30*	
		For >15 To 33, Add	*2.15*	
		For >200 To 400, Deduct	*-0.69*	
		For >400 To 600, Deduct	*-1.03*	
		For >600 To 900, Deduct	*-2.04*	
		For >900, Deduct	*-3.05*	
		For Moisture Barrier Backing, Add	*3.50*	
		For Installation On Stairs, Each Riser, Add	*6.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68 16 00-0062	SY	24 Ounce, Medium Traffic, Patterned, Nylon Broadloom Carpet	55.87	29.33
		For Up To 15, Add	*4.30*	
		For >15 To 33, Add	*2.15*	
		For >200 To 400, Deduct	*-0.69*	
		For >400 To 600, Deduct	*-1.03*	
		For >600 To 900, Deduct	*-2.04*	
		For >900, Deduct	*-3.05*	
		For Moisture Barrier Backing, Add	*3.50*	
		For Installation On Stairs, Each Riser, Add	*6.00*	
09 68 16 00-0063	SY	26 Ounce, Medium Traffic, Patterned, Nylon Broadloom Carpet	55.87	29.33
		For Up To 15, Add	*4.30*	
		For >15 To 33, Add	*2.15*	
		For >200 To 400, Deduct	*-0.69*	
		For >400 To 600, Deduct	*-1.03*	
		For >600 To 900, Deduct	*-2.04*	
		For >900, Deduct	*-3.05*	
		For Moisture Barrier Backing, Add	*3.50*	
		For Installation On Stairs, Each Riser, Add	*6.00*	
09 68 16 00-0064	SY	28 Ounce, Medium Traffic, Patterned, Nylon Broadloom Carpet	60.56	31.78
		For Up To 15, Add	*4.66*	
		For >15 To 33, Add	*2.33*	
		For >200 To 400, Deduct	*-0.75*	
		For >400 To 600, Deduct	*-1.12*	
		For >600 To 900, Deduct	*-2.21*	
		For >900, Deduct	*-3.31*	
		For Moisture Barrier Backing, Add	*3.50*	
		For Installation On Stairs, Each Riser, Add	*6.00*	
09 68 16 00-0065	SY	30 Ounce, Medium Traffic, Patterned, Nylon Broadloom Carpet	61.61	31.78
		For Up To 15, Add	*4.66*	
		For >15 To 33, Add	*2.33*	
		For >200 To 400, Deduct	*-0.77*	
		For >400 To 600, Deduct	*-1.15*	
		For >600 To 900, Deduct	*-2.27*	
		For >900, Deduct	*-3.38*	
		For Cut Pile Carpet, Add	*1.50*	
		For Moisture Barrier Backing, Add	*3.50*	
		For Installation On Stairs, Each Riser, Add	*6.00*	
09 68 16 00-0066	SY	32 Ounce, Medium Traffic, Patterned, Nylon Broadloom Carpet	61.80	31.78
		For Up To 15, Add	*4.66*	
		For >15 To 33, Add	*2.33*	
		For >200 To 400, Deduct	*-0.77*	
		For >400 To 600, Deduct	*-1.16*	
		For >600 To 900, Deduct	*-2.27*	
		For >900, Deduct	*-3.39*	
		For Cut Pile Carpet, Add	*1.50*	
		For Moisture Barrier Backing, Add	*3.50*	
		For Installation On Stairs, Each Riser, Add	*6.00*	
09 68 16 00-0067	SY	34 Ounce, Medium Traffic, Patterned, Nylon Broadloom Carpet	67.78	34.21
		For Up To 15, Add	*5.02*	
		For >15 To 33, Add	*2.51*	
		For >200 To 400, Deduct	*-0.85*	
		For >400 To 600, Deduct	*-1.28*	
		For >600 To 900, Deduct	*-2.51*	
		For >900, Deduct	*-3.74*	
		For Cut Pile Carpet, Add	*1.50*	
		For Moisture Barrier Backing, Add	*3.50*	
		For Installation On Stairs, Each Riser, Add	*6.00*	
09 68 16 00-0068	SY	36 Ounce, Heavy Traffic, Patterned, Nylon Broadloom Carpet	68.54	34.21
		For Up To 15, Add	*5.02*	
		For >15 To 33, Add	*2.51*	
		For >200 To 400, Deduct	*-0.87*	
		For >400 To 600, Deduct	*-1.30*	
		For >600 To 900, Deduct	*-2.55*	
		For >900, Deduct	*-3.79*	
		For Cut Pile Carpet, Add	*1.50*	
		For Cut And Loop Pile Combination Or Tip Shear Carpet, Add	*2.00*	
		For Moisture Barrier Backing, Add	*3.50*	
		For Installation On Stairs, Each Riser, Add	*6.00*	
09 68 16 00-0069	SY	38 Ounce, Heavy Traffic, Patterned, Nylon Broadloom Carpet	69.47	34.21
		For Up To 15, Add	*5.02*	
		For >15 To 33, Add	*2.51*	
		For >200 To 400, Deduct	*-0.89*	
		For >400 To 600, Deduct	*-1.33*	
		For >600 To 900, Deduct	*-2.60*	
		For >900, Deduct	*-3.86*	
		For Cut Pile Carpet, Add	*1.50*	
		For Cut And Loop Pile Combination Or Tip Shear Carpet, Add	*2.00*	
		For Moisture Barrier Backing, Add	*3.50*	
		For Installation On Stairs, Each Riser, Add	*6.00*	

09 68 16 00-0070 Indoor/Outdoor Carpet *(09 68 16)*

Note: Includes waterproof glue.

09 68 16 00-0071	SY	Nylon Indoor/Outdoor Carpet	56.69	6.71
09 68 16 00-0072	SY	Ozite Indoor/Outdoor Carpet	43.75	6.71

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68 16 00-0073		Carpet Accessories *(09 68 16)*		
09 68 16 00-0074	LF	Metal Carpet Saddle Strip, Up To 4" Wide	8.20	1.05
09 68 16 00-0075		Removal And Reinstallation Of Carpet And Pad *(09 68 16)*		
		Note: Includes storage, cleaning and supply materials.		
09 68 16 00-0076	SY	Removal And Reinstallation Of Carpet And Pad	41.27	
09 68 16 00-0077		Carpeting Support Functions *(09 68 16)*		
09 68 16 00-0078		Relocate Partitions, Modular Work Stations *(09 68 16 00-0077)*		
		Note: Includes disassembly and reassembly of work station. Excludes electrical disconnection or reconnection.		
09 68 16 00-0079	EA	Relocate Modular Work Station	370.16	
09 68 16 00-0080		Installation Of Owner Provided Broadloom Carpet *(09 68 16)*		
09 68 16 00-0081	SY	Up To 24 Oz, Installation Of Owner Provided Broadloom Carpet	17.41	
		Note: Includes adhesive for glue-down or tack strip for padded installations.		
		For Up To 15, Add	*3.40*	
		For >15 To 33, Add	*1.70*	
09 68 16 00-0082	SY	>24 To 34 Oz, Installation Of Owner Provided Broadloom Carpet	20.24	
		Note: Includes adhesive for glue-down or tack strip for padded installations.		
		For Up To 15, Add	*3.97*	
		For >15 To 33, Add	*1.98*	
09 68 16 00-0083	SY	>34 Oz, Installation Of Owner Provided Broadloom Carpet	24.21	
		Note: Includes adhesive for glue-down or tack strip for padded installations.		
		For Up To 15, Add	*4.76*	
		For >15 To 33, Add	*2.38*	

09 69 Access Flooring *(09 60)*

09 69 13 Rigid-Grid Access Flooring *(09 69)*

09 69 13 00-0001		Panels, No Covering *(09 69 13)*		
09 69 13 00-0002	SF	2' x 2' Panels - No Covering Access And Pedestal Floors	21.40	1.05
		For Carpet Covering, Add	*2.77*	
		For Vinyl Floor Covering, Add	*1.91*	
09 69 13 00-0003	SF	2' x 2' Perforated Panels Access And Pedestal Floors	40.74	1.05
		For Carpet Covering, Add	*2.77*	
		For Vinyl Floor Covering, Add	*1.91*	
09 69 13 00-0004	SF	Tate 1250AS Panel Cover UTP Designer Plus Color Raf Blue 7153T	37.92	1.16
09 69 13 00-0005	SF	Tate 1250AS Panel Cover UTP Designer Plus Color Sage Brown 7777T	37.92	1.16
09 69 13 00-0006	SF	Tate 1250AS Panel Cover UTP Designer Plus Color Moondance 6808	37.92	1.16
09 69 13 00-0007	SF	Tate 1250AS Panel Cover UTP Designer Plus Color Mosaic 6280	37.92	1.16
09 69 13 00-0008	SF	Tate 1250AS Panel Cover HPL 1/8" Nevamar ST2-2 Beige Star/Brown Trim	35.82	1.16
09 69 13 00-0009	SF	Tate 1250AS Panel Cover HPL 1/8" Nevamar ST6-1 Gray Star/Black Trim	35.82	1.16
09 69 13 00-0010	SF	Tate Concore 1500 Panel Cover UTP Designer Plus Color Raf Blue 7153T	40.53	1.16
09 69 13 00-0011	SF	Tate Concore 1500 Panel Cover UTP Designer Plus Color Sage Brown 7777T	40.53	1.16
09 69 13 00-0012	SF	Tate Concore 1500 Panel Cover UTP Designer Plus Color Moodance 6808	40.53	1.16
09 69 13 00-0013	SF	Tate Concore 1500 Panel Cover UTP Designer Plus Color Mosaic 6280	40.53	1.16
09 69 13 00-0014	SF	Tate Concore 1500 Panel Cover HPL 1/8" Nevamar ST-2 Beige Star/Brown Trim	38.44	1.16
09 69 13 00-0015	SF	Tate Concore 1500 Panel Cover HPL 1/8" Nevamar ST6-1 Grey Star/Black Trim	38.44	1.16
09 69 13 00-0016	SF	Tate 1250AS Perforated 25% O/A Cover 1/8 " Nevamar HPL ST2-2 Beige Star Trim	48.84	1.16
09 69 13 00-0017	SF	Tate 1250AS Perforated 25% O/A Cover 1/8 " Nevamar HPL ST6-1 Gray Star Trim	48.84	1.16
09 69 13 00-0018		Pedestals *(09 69 13)*		
09 69 13 00-0019	EA	6" To 12" Finished Floor Height, Pedestal Assembly	44.61	5.29
09 69 13 00-0020	EA	8" To 12" Finished Floor Height, Pedestal Assembly	47.22	5.29
09 69 13 00-0021	EA	18" To 24" Finished Floor Height, Pedestal Assembly	48.53	5.29
09 69 13 00-0022	EA	30" To 36" Finished Floor Height, Pedestal Assembly	53.27	5.29
09 69 13 00-0023		Stringers *(09 69 13)*		
09 69 13 00-0024	EA	2' Bolted Stringers, Access And Pedestal Floors	22.11	6.35
09 69 13 00-0025	EA	4' Bolted Stringers, Access And Pedestal Floors	38.91	9.52
09 69 13 00-0026	EA	6' Bolted Stringers, Access And Pedestal Floors	61.27	15.87
09 69 13 00-0027		Understructure *(09 69 13)*		
09 69 13 00-0028	SF	Standard Bolted Stringer Understructure 8" Or 12" Finished Floor Height	7.67	1.58
09 69 13 00-0029	SF	Standard Bolted Stringer Understructure 18" Or 24" Finished Floor Height	8.29	1.58
09 69 13 00-0030	SF	Standard Bolted Stringer Understructure 30" Or 36" Finished Floor Height	9.84	1.58
09 69 13 00-0031		Nexus (TM) Floor System Complete *(09 69 13)*		
09 69 13 00-0032	SF	1,161 To 3,480 SF, Nexus Floor System	24.56	3.81
		For Furnishing Materials To Owner, No Installation, Deduct	*-8.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 69 13 00-0033	SF	>3,480 To 7,500 SF, Nexus Floor System	24.11	3.81
		For Furnishing Materials To Owner, No Installation, Deduct	*-8.31*	
09 69 13 00-0034	SF	>7,500 To 15,000 SF, Nexus Floor System	21.76	3.07
		For Furnishing Materials To Owner, No Installation, Deduct	*-6.65*	
09 69 13 00-0035	SF	>15,000 To 25,000 SF, Nexus Floor System	19.48	2.22
		For Furnishing Materials To Owner, No Installation, Deduct	*-4.97*	
09 69 13 00-0036	SF	>25,000 SF, Nexus Floor System	18.65	1.91
		For Furnishing Materials To Owner, No Installation, Deduct	*-4.14*	

09 69 53 Access Flooring Accessories *(09 69)*

09 69 53 00-0001 Accessories *(09 69 53)*

09 69 53 00-0002	SF	Accessories, Ramp Assembly Access And Pedestal Floors	47.66	4.23
09 69 53 00-0003	LF	Accessories, Handrail Access And Pedestal Floors	76.81	7.40
09 69 53 00-0004	LF	Accessories, Fascia Plate Access And Pedestal Floors	29.84	7.40
09 69 53 00-0005	EA	Machine Cutouts	240.71	
09 69 53 00-0006	SF	Tate Tamp, Cover Step Master Slip Retard- Tile, Buckskin Or Slate	79.79	
09 69 53 00-0007	LF	Tate 2 Or 3 Riser Steps In Raised Floor System Note: Includes baffles, fascia plates trim and cover.	192.69	0.53
09 69 53 00-0008	LF	Tate Handrail	151.96	3.49
09 69 53 00-0009	SF	Hammered Aluminum Finish Fascia Note: Includes trim angles and hardware (8", 12", 18", 24").	54.76	3.49
09 69 53 00-0010	EA	7" x 17" Lexan Floor Mounted Grille Note: Includes carpet trim to flush mount.	248.84	13.22
09 69 53 00-0011	EA	Cut Hole In Raised Floor And Trim With Black 1/2" Trim Material	53.68	
09 69 53 00-0012	EA	Cut Round Hole In Raised Floor And Trim Carpet Install 4" Plastic Insert (Gromtec#GT003)	53.68	
09 69 53 00-0013	EA	Rehab Panel (Any Brand, Weight) Carpet Cover Only - New UTP Carpet	73.78	2.12
09 69 53 00-0014	EA	Rehab Panel (Any Brand, Weight) Carpet Cover Only - New HPL	90.76	2.12
09 69 53 00-0015	EA	Rehab Panel (Any Brand, Weight) HPL Cover Only - With New HPL/WA Edge Trim	69.08	2.12
09 69 53 00-0016	EA	Rehab Panel (Any Brand, Weight) HPL Cover Only - With New HPL Top set Trim Edge	90.74	2.12
09 69 53 00-0017	EA	Flush Mounted Electrical Box (Including Cutting Hole Trim Carpet) P/N Telo-7018-4	245.69	13.22
09 69 53 00-0018	EA	Flush Mounted Telephone Box (Grey/Black/Communications) Note: Includes cut hole.	170.97	13.22
09 69 53 00-0019	EA	Flush Mounted Electrical Box (In Existing Hole) P/N Telo 7018-4	245.69	13.22
09 69 53 00-0020	EA	Flush Mounted Telephone Box (Grey/Black/Communications) (In Existing Hole) P/N Telo-7018-2	128.67	2.12
09 69 53 00-0021	EA	Removal And Reinstallation Of Flush Mounted Electrical, Telephone Or Communications Floor Box In Raised Floor	10.57	

09 69 53 00-0022 Final Cleaning For Computer Room Raised Floor System *(09 69 53)*

Note: Includes wipe dirt/dust from stringers and raised floor beneath raised floor. For new or existing systems.

09 69 53 00-0023	SF	Vacuum Raised Floor Carpet Panel, Wipe Dirt/Dust From Stringers And Floor Beneath Raised Floor	3.74	
09 69 53 00-0024	SF	Vacuum/Shampoo Raised Floor Carpet Panel, Wipe Dirt/Dust From Stringers And Floor Beneath	3.90	
09 69 53 00-0025	SF	Vacuum/Wet Mop Clean Raised Floor HPL Panel Wipe Dirt/Dust Stringers And Raised Floor	3.85	

09 70 Wall Finishes *(09)*

09 72 Wall Coverings *(09 70)*

09 72 13 Cork Wall Coverings *(09 72)*

09 72 13 00-0001 Cork Wall Covering *(09 72 13)*

09 72 13 00-0002	SF	1/8" Cork Wall Covering	5.59	1.05
09 72 13 00-0003	SF	1/4" Cork Wall Covering	6.59	1.05
09 72 13 00-0004	SF	1/2" Cork Wall Covering	7.39	1.05
09 72 13 00-0005	SF	3/4" Cork Wall Covering	9.73	1.05

09 72 16 Vinyl-Coated Fabric Wall Coverings *(09 72)*

09 72 16 13 Flexible Vinyl Wall Coverings *(09 72 16)*

09 72 16 13-0001 Vinyl Wall Coverings *(09 72 16 13)*

Note: Includes wall preparation adhesive, and sizing compound. Demolition includes the removal of wall covering and adhesive.

09 72 16 13-0002	SF	7-10 Oz/SY Vinyl Wall Covering	3.70	1.05
		For Owner Furnished Material, Deduct	*-2.06*	
09 72 16 13-0003	SF	11-14 Oz/SY Vinyl Wall Covering	4.75	1.05
		For Owner Furnished Material, Deduct	*-3.00*	
09 72 16 13-0004	SF	15-19 Oz/SY Vinyl Wall Covering	5.51	1.05
		For Owner Furnished Material, Deduct	*-3.76*	
09 72 16 13-0005	SF	20 To 25 Ounces/SY Vinyl Wall Covering	6.54	1.05
		For Owner Furnished Material, Deduct	*-4.34*	
09 72 16 13-0006	SF	26-32 Oz/SY Vinyl Wall Covering	7.57	1.05
		For Owner Furnished Material, Deduct	*-5.28*	
09 72 16 13-0007	SF	33-38 Oz/SY Vinyl Wall Covering	9.07	1.05
		For Owner Furnished Material, Deduct	*-6.67*	

09 72 23 Wallpapering *(09 72)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 72 23 00-0001		**Wallpaper Coverings** *(09 72 23)* Note: Includes wall preparation adhesive, and sizing compound. Demolition includes the removal of wall covering and adhesive.		
09 72 23 00-0002	SF	Average Quality Wallpaper (Standard Grade)	2.20	1.39
09 72 23 00-0003	SF	High Quality Wallpaper (Designer Grade)	4.09	1.79
09 72 23 00-0004	SF	Textured Paintable Paper Installed On Ceiling	3.85	2.64

09 73 Wall Carpeting *(09 70)*

09 73 00 00-0001		**Carpet Wall Covering** *(09 73)*		
09 73 00 00-0002	SY	28 Ounce, Nylon Carpet Wall Covering	55.91	32.57
09 73 00 00-0003	SY	32 Ounce, Nylon Carpet Wall Covering	57.14	32.57
09 73 00 00-0004	SY	34 Ounce, Nylon Carpet Wall Covering	61.93	35.08
09 73 00 00-0005	SY	35 Ounce, Nylon Carpet Wall Covering	65.54	35.08
09 73 00 00-0006	SY	36 Ounce, Nylon Carpet Wall Covering	69.25	35.08
09 73 00 00-0007	SY	38 Ounce, Nylon Carpet Wall Covering	70.73	35.08
09 73 00 00-0008	SY	40 Ounce, Nylon Carpet Wall Covering	73.55	37.88
09 73 00 00-0009	SY	42 Ounce, Nylon Carpet Wall Covering	76.61	37.88

09 74 Flexible Wood Sheets *(09 70)*

09 74 16 Flexible Wood Veneers *(09 74)*

09 74 16 00-0001		**Flexible Wood Veneer** *(09 74 16)*		
09 74 16 00-0002	SF	1/32" Thick, Flexible Maple Wood Veneer	11.44	4.21
09 74 16 00-0003	SF	1/32" Thick, Flexible Oak Wood Veneer	11.63	4.21
09 74 16 00-0004	SF	1/32" Thick, Flexible Mahogany Wood Veneer	11.63	4.21
09 74 16 00-0005	SF	1/32" Thick, Flexible Birch Wood Veneer	11.82	4.21
09 74 16 00-0006	SF	1/32" Thick, Flexible Walnut Wood Veneer	12.77	4.21
09 74 16 00-0007	SF	1/32" Thick, Flexible Bamboo Wood Veneer	13.91	4.21
09 74 16 00-0008	SF	1/32" Thick, Flexible Fir Wood Veneer	15.23	4.21
09 74 16 00-0009		**Flexible Exotic Wood Veneer** *(09 74 16)*		
09 74 16 00-0010	SF	1/32" Thick, Flexible Exotic Wood Veneer	18.52	4.21

09 80 Acoustic Treatment *(09)*

09 81 Acoustic Insulation *(09 80)*

09 81 16 Acoustic Blanket Insulation *(09 81)*

09 81 16 00-0001		**Sound Attenuation Fire Blankets (SAFB)** *(09 81 16)* Note: Mineral wool		
09 81 16 00-0002		**2.5 PCF Density, Sound Attenuation Fire Blankets (SAFB)** *(09 81 16 00-0001)*		
09 81 16 00-0003	SF	1-1/2" Thick, 2.5 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB)	2.07	0.35
09 81 16 00-0004	SF	2" Thick, 2.5 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB)	2.23	0.35
09 81 16 00-0005	SF	2-1/2" Thick, 2.5 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB)	2.46	0.35
09 81 16 00-0006	SF	3" Thick, 2.5 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB)	2.63	0.35
09 81 16 00-0007	SF	3-1/2" Thick, 2.5 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB)	2.86	0.35
09 81 16 00-0008	SF	4" Thick, 2.5 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB)	3.08	0.35
09 81 16 00-0009	SF	5" Thick, 2.5 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB)	3.37	0.35
09 81 16 00-0010	SF	6" Thick, 2.5 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB)	3.70	0.35
09 81 16 00-0011		**4 PCF Density, Sound Attenuation Fire Blankets (SAFB)** *(09 81 16 00-0001)*		
09 81 16 00-0012	SF	1" Thick, 4 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB)	2.03	0.35
09 81 16 00-0013		**Sound Attenuation Batts** *(09 81 16)* Note: NoiseReducer® by Certainteed, Quitezone® by Owens Corning, Sound-Shield® by Johns Mansville.		
09 81 16 00-0014	SF	2-1/2" Thick, Unfaced Sound Attenuation Batt	1.17	0.47
09 81 16 00-0015	SF	3-1/2" Thick, Unfaced Sound Attenuation Batt	1.24	0.47
09 81 16 00-0016	SF	3-1/2" Thick, Kraft Faced Sound Attenuation Batt	1.44	0.47
09 81 16 00-0017	SF	5-1/2" Thick, Unfaced Sound Attenuation Batt	1.60	0.47
09 81 16 00-0018	SF	5-1/2" Thick, Kraft Faced Sound Attenuation Batt	1.66	0.47
09 81 16 00-0019	SF	6-1/4" Thick, Unfaced Sound Attenuation Batt	1.64	0.47
09 81 16 00-0020	SF	6-1/4" Thick, Kraft Faced Sound Attenuation Batt	1.70	0.47

09 84 Acoustic Room Components *(09 80)*

09 84 13 Fixed Sound-Absorptive Panels *(09 84)*

09 84 13 00-0001		**Sound Absorbing Panels And Attenuation Blankets** *(09 84 13)* Note: No backs, 3" thick modular, ceiling or wall hung back. Excludes ceiling suspension systems and wall furring system. See CSI section 09 22 13 00-0000 for furring, 09 53 23 00-0000 for suspended ceiling support.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 84 13 00-0002	SF	3" Thick Perforated Steel Sound Absorbing Panel Painted, No Back With Fiberglass Or Mineral Filler	12.88	2.37
09 84 13 00-0003	SF	1" Thick Fiberglass Sound Absorbing Panels With Glass Cloth Face For Walls	19.06	2.37
09 84 13 00-0004		**Sound Absorbing Acoustical Wall Panel System** *(09 84 13)* See CSI section 06 11 16 00-0190 for wood furring.		
09 84 13 00-0005		**Mineral Fiber Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak®)** *(09 84 13 00-0004)* Note: Includes tackable surface, molding and mounting hardware for flush mount.		
09 84 13 00-0006	SF	5/8" Panel Thickness, Vinyl Surface, Mineral Fiber Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 60 Signature Vinyl)	14.82	2.68
09 84 13 00-0007	SF	3/4" Panel Thickness, Composed Fabric Surface (Non-Woven), Mineral Fiber Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 60 Rhythms®)	13.70	2.68
09 84 13 00-0008	SF	3/4" Panel Thickness, Woven Fabric Surface, Mineral Fiber Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 60 FR-701)	17.23	2.68
09 84 13 00-0009	SF	3/4" Panel Thickness, Woven Fabric Surface, Mineral Fiber Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 60 Lido™)	17.26	2.68
09 84 13 00-0010	SF	3/4" Panel Thickness, Woven Fabric Surface, Mineral Fiber Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 60 Spinel™)	19.05	2.68
09 84 13 00-0011	SF	3/4" Panel Thickness, Woven Fabric Surface, Mineral Fiber Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 60 Zirconia™)	19.05	2.68
09 84 13 00-0012		**Fiberglass Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak®)** *(09 84 13 00-0004)* Note: Includes molding and mounting hardware for flush mount.		
09 84 13 00-0013	SF	1" Panel Thickness, Composed Fabric Surface (Non-Woven), Fiberglass Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 85 Rhythms®)	17.28	2.68
09 84 13 00-0014	SF	1" Panel Thickness, Woven Fabric Surface, Fiberglass Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 85 FR-701)	20.19	2.68
09 84 13 00-0015	SF	1" Panel Thickness, Woven Fabric Surface, Fiberglass Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 85 Lido™)	20.19	2.68
09 84 13 00-0016	SF	1" Panel Thickness, Woven Fabric Surface, Fiberglass Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 85 Spinel™)	23.10	2.68
09 84 13 00-0017	SF	1" Panel Thickness, Woven Fabric Surface, Fiberglass Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 85 Zirconia™)	23.10	2.68
09 84 13 00-0018		**Sound Absorbing Panel, Eggcrate Style** *(09 84 13)* Note: Ceiling or wall hung back.		
09 84 13 00-0019	SF	2" Thick Polyurethane Sound Wave (Eggcrate Style)	11.40	
		For Pyramid Style, Add	*1.18*	
09 84 13 00-0020	SF	3" Thick Polyurethane Sound Wave (Eggcrate Style)	14.98	
		For Pyramid Style, Add	*1.18*	
09 84 13 00-0021	SF	4" Thick Polyurethane Sound Wave (Eggcrate Style)	19.48	
		For Pyramid Style, Add	*1.18*	
09 84 13 00-0022	SF	2" Thick Melamine Sound Wave (Eggcrate Style)	14.69	
		For Eggcrate Style With Hypalon Coating, Add	*1.97*	
		For Pyramid Style, Add	*2.05*	
		For Pyramid Style With Hypalon Coating, Add	*4.02*	
09 84 13 00-0023	SF	3" Thick Melamine Sound Wave (Eggcrate Style)	28.32	
		For Eggcrate Style With Hypalon Coating, Add	*1.97*	
		For Pyramid Style, Add	*0.42*	
		For Pyramid Style With Hypalon Coating, Add	*2.40*	
09 84 13 00-0024	SF	4" Thick Melamine Sound Wave (Eggcrate Style)	36.12	
		For Eggcrate Style With Hypalon Coating, Add	*1.97*	
		For Pyramid Style, Add	*0.42*	
		For Pyramid Style With Hypalon Coating, Add	*2.40*	
09 84 13 00-0025		**Acoustical Wall Panels** *(09 84 13)*		
09 84 13 00-0026	SF	24" Wide Kerfed Edge Acoustical Wall Panel With Concealed Spline	35.10	9.52
		For Wrapped Panel Ends, Add Per SF	*1.29*	
09 84 13 00-0027	SF	24" Wide Acoustical Wall Panels With Concealed Z-Clips Note: All edges fully wrapped, includes wall and panel z-clips (four sets per panel).	38.72	9.52
09 84 13 00-0028	SF	48" Wide Acoustical Wall Panels With Concealed Z-Clips Note: All edges fully wrapped, includes wall and panel z-clips (four sets per panel).	45.33	12.49
09 84 13 00-0029		**Sound Deadening Fiberboard** *(09 84 13)*		
09 84 13 00-0030	SF	1/2" Sound Deadening Fiberboard	1.60	0.59
		For Horizontal Installation Up To 10' High, Add	*0.37*	
		For Horizontal Installation >10' High, Add	*0.54*	
		For Walls >10' High, Add	*0.09*	
		For Up To 128, Add	*0.54*	
		For >128 To 320, Add	*0.32*	

09 90 Painting and Coating *(09)*

Note: Includes masking, safety signs, cleaning of area (dry wiping down walls, floors, doors, etc.), removal of loose paint (paint, caulk, etc.), feathering rough edges, sanding between coats, protective work to contain dust and paint splatters (drop cloths), unless otherwise

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

noted, removal and reinstallation of cabinet hardware, switch covers and outlet plates, equipment to place paint and ladders. New construction work additionally includes filling knots, divots, depressions, holes (screw and nail holes in drywall to 1/4" diameter of unlimited quantity). All work designated as "brush/roller" includes brush work for cut and roller work up to cut in. See CSI section 07 92 00 00-0000 for caulking where required, 09 01 20 00-0000 for severely damaged surface preparation in excess of items included above, hand scrape, pressure washing and chemical cleaning where required.

09 91 Painting *(09 90)*

09 91 13 Exterior Painting *(09 91)*

Note: Acrylic latex paint unless otherwise stated. Paint tasks covers all paint sheens: flat, eggshell, satin, semi-gloss, or gloss.

09 91 13 00-0001 Paint Exterior Walls/Siding *(09 91 13)*

09 91 13 00-0002 Paint Exterior Brick Walls *(09 91 13 00-0001)*

09 91 13 00-0003	SF	1 Coat Filler, Brush Work, Paint Exterior Brick Walls	1.26	
		For Oil Based Paint, Add	*0.08*	
		For Work >15' To 20' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.37*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.51*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.75*	
		For >100 To 250, Add	*0.36*	
		For >250 To 500, Add	*0.16*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.19*	
		For >20,000, Deduct	*-0.25*	
09 91 13 00-0004	SF	1 Coat Paint, Brush Work, Paint Exterior Brick Walls	1.77	
		For Oil Based Paint, Add	*0.11*	
		For Work >15' To 20' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.35*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.56*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.76*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.10*	
		For >100 To 250, Add	*0.52*	
		For >250 To 500, Add	*0.23*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.18*	
		For >10,000 To 20,000, Deduct	*-0.27*	
		For >20,000, Deduct	*-0.35*	
09 91 13 00-0005	SF	2 Coats Paint, Brush Work, Paint Exterior Brick Walls	2.63	
		For Oil Based Paint, Add	*0.17*	
		For Work >15' To 20' Above Floor, Add	*0.28*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.47*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.74*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*1.02*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.51*	
		For >100 To 250, Add	*0.73*	
		For >250 To 500, Add	*0.32*	
		For >2,500 To 5,000, Deduct	*-0.13*	
		For >5,000 To 10,000, Deduct	*-0.26*	
		For >10,000 To 20,000, Deduct	*-0.39*	
		For >20,000, Deduct	*-0.53*	
09 91 13 00-0006	SF	1 Coat Filler, Brush/Roller Work, Paint Exterior Brick Walls	0.89	
		For Oil Based Paint, Add	*0.06*	
		For Work >15' To 20' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.31*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.47*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0007	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Brick Walls	1.44	
		For Oil Based Paint, Add	*0.10*	
		For Work >15' To 20' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.38*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.52*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.79*	
		For >100 To 250, Add	*0.38*	
		For >250 To 500, Add	*0.17*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.14*	
		For >10,000 To 20,000, Deduct	*-0.22*	
		For >20,000, Deduct	*-0.29*	
09 91 13 00-0008	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Brick Walls	2.19	
		For Oil Based Paint, Add	*0.15*	
		For Work >15' To 20' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.33*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.52*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.72*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.11*	
		For >100 To 250, Add	*0.55*	
		For >250 To 500, Add	*0.24*	
		For >2,500 To 5,000, Deduct	*-0.11*	
		For >5,000 To 10,000, Deduct	*-0.22*	
		For >10,000 To 20,000, Deduct	*-0.33*	
		For >20,000, Deduct	*-0.44*	
09 91 13 00-0009	SF	1 Coat Filler, Sprayed, Paint Exterior Brick Walls	0.85	
		For Oil Based Paint, Add	*0.06*	
		For Work >15' To 20' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.41*	
		For >100 To 250, Add	*0.20*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.17*	
09 91 13 00-0010	SF	1 Coat Paint, Sprayed, Paint Exterior Brick Walls	0.92	
		For Oil Based Paint, Add	*0.07*	
		For Work >15' To 20' Above Floor, Add	*0.06*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.36*	
		For >100 To 250, Add	*0.18*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.18*	
09 91 13 00-0011	SF	2 Coats Paint, Sprayed, Paint Exterior Brick Walls	1.87	
		For Oil Based Paint, Add	*0.14*	
		For Work >15' To 20' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.38*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.52*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.84*	
		For >100 To 250, Add	*0.42*	
		For >250 To 500, Add	*0.19*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.19*	
		For >10,000 To 20,000, Deduct	*-0.28*	
		For >20,000, Deduct	*-0.37*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0012		Paint Exterior Concrete Walls *(09 91 13 00-0001)*		
09 91 13 00-0013	SF	1 Coat Filler, Brush Work, Paint Exterior Concrete Walls	1.07	
		For Oil Based Paint, Add	*0.07*	
		For Epoxy Paint, Add	*0.13*	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.44*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.64*	
		For >100 To 250, Add	*0.31*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.21*	
09 91 13 00-0014	SF	1 Coat Filler, Brush Work, Paint Exterior Concrete Walls	1.13	
		For Oil Based Paint, Add	*0.07*	
		For Epoxy Paint, Add	*0.12*	
		For Work >15' To 20' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.36*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.50*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.72*	
		For >100 To 250, Add	*0.34*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.23*	
09 91 13 00-0015	SF	2 Coats Paint, Brush Work, Paint Exterior Concrete Walls	2.15	
		For Oil Based Paint, Add	*0.13*	
		For Epoxy Paint, Add	*0.24*	
		For Work >15' To 20' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.43*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.68*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.94*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.35*	
		For >100 To 250, Add	*0.64*	
		For >250 To 500, Add	*0.28*	
		For >2,500 To 5,000, Deduct	*-0.11*	
		For >5,000 To 10,000, Deduct	*-0.22*	
		For >10,000 To 20,000, Deduct	*-0.32*	
		For >20,000, Deduct	*-0.43*	
09 91 13 00-0016	SF	1 Coat Filler, Brush/Roller Work, Paint Exterior Concrete Walls	0.88	
		For Oil Based Paint, Add	*0.06*	
		For Epoxy Paint, Add	*0.13*	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.50*	
		For >100 To 250, Add	*0.24*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0017	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Concrete Walls	0.97	
		For Oil Based Paint, Add	*0.06*	
		For Epoxy Paint, Add	*0.11*	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.41*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.60*	
		For >100 To 250, Add	*0.28*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.19*	
09 91 13 00-0018	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Concrete Walls	1.65	
		For Oil Based Paint, Add	*0.10*	
		For Epoxy Paint, Add	*0.21*	
		For Work >15' To 20' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.48*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.67*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.97*	
		For >100 To 250, Add	*0.47*	
		For >250 To 500, Add	*0.20*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.17*	
		For >10,000 To 20,000, Deduct	*-0.25*	
		For >20,000, Deduct	*-0.33*	
09 91 13 00-0019	SF	1 Coat Filler, Sprayed, Paint Exterior Concrete Walls	0.77	
		For Oil Based Paint, Add	*0.06*	
		For Epoxy Paint, Add	*0.14*	
		For Work >15' To 20' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.38*	
		For >100 To 250, Add	*0.19*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.15*	
09 91 13 00-0020	SF	1 Coat Paint, Sprayed, Paint Exterior Concrete Walls	0.68	
		For Oil Based Paint, Add	*0.05*	
		For Epoxy Paint, Add	*0.12*	
		For Work >15' To 20' Above Floor, Add	*0.06*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.35*	
		For >100 To 250, Add	*0.17*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.10*	
		For >20,000, Deduct	*-0.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0021	SF	2 Coats Paint, Sprayed, Paint Exterior Concrete Walls	1.22	
		For Oil Based Paint, Add	*0.09*	
		For Epoxy Paint, Add	*0.23*	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.37*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.59*	
		For >100 To 250, Add	*0.29*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.18*	
		For >20,000, Deduct	*-0.24*	

09 91 13 00-0022 Paint Exterior Concrete Block Walls *(09 91 13 00-0001)*

09 91 13 00-0023 Paint Exterior Concrete Block Walls, Epoxy Paint *(09 91 13 00-0022)*

09 91 13 00-0024	SF	1 Coat Epoxy Filler, Brush Work, Paint Exterior Concrete Block Walls	1.52	
		For Work >15' To 20' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.41*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.57*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.85*	
		For >100 To 250, Add	*0.41*	
		For >250 To 500, Add	*0.18*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.15*	
		For >10,000 To 20,000, Deduct	*-0.23*	
		For >20,000, Deduct	*-0.30*	
09 91 13 00-0025	SF	1 Coat Epoxy Paint, Brush Work, Paint Exterior Concrete Block Walls	1.73	
		For Work >15' To 20' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.31*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.50*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.68*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.00*	
		For >100 To 250, Add	*0.48*	
		For >250 To 500, Add	*0.21*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.17*	
		For >10,000 To 20,000, Deduct	*-0.26*	
		For >20,000, Deduct	*-0.35*	
09 91 13 00-0026	SF	2 Coats Epoxy Paint, Brush Work, Paint Exterior Concrete Block Walls	3.05	
		For Work >15' To 20' Above Floor, Add	*0.31*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.52*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.83*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*1.14*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.70*	
		For >100 To 250, Add	*0.82*	
		For >250 To 500, Add	*0.36*	
		For >2,500 To 5,000, Deduct	*-0.15*	
		For >5,000 To 10,000, Deduct	*-0.31*	
		For >10,000 To 20,000, Deduct	*-0.46*	
		For >20,000, Deduct	*-0.61*	
09 91 13 00-0027	SF	1 Coat Epoxy Filler, Brush/Roller Work, Paint Exterior Concrete Block Walls	1.28	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.43*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.67*	
		For >100 To 250, Add	*0.33*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.19*	
		For >20,000, Deduct	*-0.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0028	SF	1 Coat Epoxy Paint, Brush/Roller Work, Paint Exterior Concrete Block Walls	1.40	
		For Work >15' To 20' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.36*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.50*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.76*	
		For >100 To 250, Add	*0.37*	
		For >250 To 500, Add	*0.16*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.14*	
		For >10,000 To 20,000, Deduct	*-0.21*	
		For >20,000, Deduct	*-0.28*	
09 91 13 00-0029	SF	2 Coats Epoxy Paint, Brush/Roller Work, Paint Exterior Concrete Block Walls	2.52	
		For Work >15' To 20' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.39*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.62*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.85*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.30*	
		For >100 To 250, Add	*0.64*	
		For >250 To 500, Add	*0.28*	
		For >2,500 To 5,000, Deduct	*-0.13*	
		For >5,000 To 10,000, Deduct	*-0.25*	
		For >10,000 To 20,000, Deduct	*-0.38*	
		For >20,000, Deduct	*-0.50*	
09 91 13 00-0030	SF	1 Coat Epoxy Filler, Sprayed, Paint Exterior Concrete Block Walls	1.06	
		For Work >15' To 20' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.44*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.21*	
09 91 13 00-0031	SF	1 Coat Epoxy Paint, Sprayed, Paint Exterior Concrete Block Walls	1.15	
		For Work >15' To 20' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.50*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.23*	
09 91 13 00-0032	SF	2 Coats Epoxy Paint, Sprayed, Paint Exterior Concrete Block Walls	2.27	
		For Work >15' To 20' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.40*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.56*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.95*	
		For >100 To 250, Add	*0.48*	
		For >250 To 500, Add	*0.21*	
		For >2,500 To 5,000, Deduct	*-0.11*	
		For >5,000 To 10,000, Deduct	*-0.23*	
		For >10,000 To 20,000, Deduct	*-0.34*	
		For >20,000, Deduct	*-0.45*	

09 91 13 00-0033 Paint Exterior Concrete Block Walls, Acrylic Latex Paint *(09 91 13 00-0022)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0034	SF	1 Coat Filler, Brush Work, Paint Exterior Concrete Block Walls	1.37	
		For Oil Based Paint, Add	*0.09*	
		For Work >15' To 20' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.42*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.57*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.83*	
		For >100 To 250, Add	*0.40*	
		For >250 To 500, Add	*0.17*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.14*	
		For >10,000 To 20,000, Deduct	*-0.21*	
		For >20,000, Deduct	*-0.27*	
09 91 13 00-0035	SF	1 Coat Paint, Brush Work, Paint Exterior Concrete Block Walls	1.63	
		For Oil Based Paint, Add	*0.10*	
		For Work >15' To 20' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.48*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.65*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.96*	
		For >100 To 250, Add	*0.46*	
		For >250 To 500, Add	*0.20*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.16*	
		For >10,000 To 20,000, Deduct	*-0.24*	
		For >20,000, Deduct	*-0.33*	
09 91 13 00-0036	SF	2 Coats Paint, Brush Work, Paint Exterior Concrete Block Walls	3.01	
		For Oil Based Paint, Add	*0.19*	
		For Work >15' To 20' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.53*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.85*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*1.17*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.73*	
		For >100 To 250, Add	*0.83*	
		For >250 To 500, Add	*0.36*	
		For >2,500 To 5,000, Deduct	*-0.15*	
		For >5,000 To 10,000, Deduct	*-0.30*	
		For >10,000 To 20,000, Deduct	*-0.45*	
		For >20,000, Deduct	*-0.60*	
09 91 13 00-0037	SF	1 Coat Texture Paint, Brush Work, Paint Exterior Concrete Block Walls	1.82	
		For Oil Based Paint, Add	*0.12*	
		For Work >15' To 20' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.33*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.53*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.73*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.07*	
		For >100 To 250, Add	*0.51*	
		For >250 To 500, Add	*0.22*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.18*	
		For >10,000 To 20,000, Deduct	*-0.27*	
		For >20,000, Deduct	*-0.36*	
09 91 13 00-0038	SF	1 Coat Filler, Brush/Roller Work, Paint Exterior Concrete Block Walls	1.10	
		For Oil Based Paint, Add	*0.07*	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.31*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.42*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.63*	
		For >100 To 250, Add	*0.30*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0039	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Concrete Block Walls	1.41	
		For Oil Based Paint, Add	*0.09*	
		For Work >15' To 20' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.39*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.53*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.79*	
		For >100 To 250, Add	*0.38*	
		For >250 To 500, Add	*0.17*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.14*	
		For >10,000 To 20,000, Deduct	*-0.21*	
		For >20,000, Deduct	*-0.28*	
09 91 13 00-0040	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Concrete Block Walls	2.47	
		For Oil Based Paint, Add	*0.17*	
		For Work >15' To 20' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.40*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.64*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.87*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.32*	
		For >100 To 250, Add	*0.64*	
		For >250 To 500, Add	*0.28*	
		For >2,500 To 5,000, Deduct	*-0.12*	
		For >5,000 To 10,000, Deduct	*-0.25*	
		For >10,000 To 20,000, Deduct	*-0.37*	
		For >20,000, Deduct	*-0.49*	
09 91 13 00-0041	SF	1 Coat Texture Paint, Brush/Roller Work, Paint Exterior Concrete Block Walls	1.58	
		For Oil Based Paint, Add	*0.10*	
		For Work >15' To 20' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.44*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.60*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.89*	
		For >100 To 250, Add	*0.43*	
		For >250 To 500, Add	*0.19*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.16*	
		For >10,000 To 20,000, Deduct	*-0.24*	
		For >20,000, Deduct	*-0.32*	
09 91 13 00-0042	SF	1 Coat Filler, Sprayed, Paint Exterior Concrete Block Walls	1.06	
		For Oil Based Paint, Add	*0.08*	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.53*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.21*	
09 91 13 00-0043	SF	1 Coat Paint, Sprayed, Paint Exterior Concrete Block Walls	1.14	
		For Oil Based Paint, Add	*0.08*	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.53*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0044	SF	2 Coats Paint, Sprayed, Paint Exterior Concrete Block Walls	1.70	
		For Oil Based Paint, Add	*0.12*	
		For Work >15' To 20' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.42*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.57*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.88*	
		For >100 To 250, Add	*0.43*	
		For >250 To 500, Add	*0.19*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.17*	
		For >10,000 To 20,000, Deduct	*-0.26*	
		For >20,000, Deduct	*-0.34*	
09 91 13 00-0045	SF	1 Coat Texture Paint, Sprayed, Paint Exterior Concrete Block Walls	1.46	
		For Oil Based Paint, Add	*0.11*	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.44*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.70*	
		For >100 To 250, Add	*0.35*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.15*	
		For >10,000 To 20,000, Deduct	*-0.22*	
		For >20,000, Deduct	*-0.29*	

09 91 13 00-0046 Paint Exterior Drywall/Plaster Walls *(09 91 13 00-0001)*

09 91 13 00-0047	SF	1 Coat Primer, Brush Work, Paint Exterior Drywall/Plaster Wall	1.09	
		For Oil Based Paint, Add	*0.07*	
		For Orange Peel Finish, Add	*0.15*	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.33*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.45*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.66*	
		For >100 To 250, Add	*0.31*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.22*	
		For Epoxy Paint, Add	*0.14*	
09 91 13 00-0048	SF	1 Coat Paint, Brush Work, Paint Exterior Drywall/Plaster Walls	1.17	
		For Oil Based Paint, Add	*0.07*	
		For Orange Peel Finish, Add	*0.16*	
		For Work >15' To 20' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.38*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.52*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.75*	
		For >100 To 250, Add	*0.35*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.18*	
		For >20,000, Deduct	*-0.23*	
		For Epoxy Paint, Add	*0.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0049	SF	2 Coats Paint, Brush Work, Paint Exterior Drywall/Plaster Walls	2.15	
		For Oil Based Paint, Add	*0.13*	
		For Orange Peel Finish, Add	*0.29*	
		For Work >15' To 20' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.43*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.68*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.94*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.35*	
		For >100 To 250, Add	*0.64*	
		For >250 To 500, Add	*0.28*	
		For >2,500 To 5,000, Deduct	*-0.11*	
		For >5,000 To 10,000, Deduct	*-0.22*	
		For >10,000 To 20,000, Deduct	*-0.32*	
		For >20,000, Deduct	*-0.43*	
		For Epoxy Paint, Add	*0.24*	
09 91 13 00-0050	SF	1 Coat Primer, Brush/Roller Work, Paint Exterior Drywall/Plaster Walls	0.88	
		For Oil Based Paint, Add	*0.06*	
		For Orange Peel Finish, Add	*0.11*	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.50*	
		For >100 To 250, Add	*0.24*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.18*	
		For Epoxy Paint, Add	*0.13*	
09 91 13 00-0051	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Drywall/Plaster Walls	0.87	
		For Oil Based Paint, Add	*0.05*	
		For Orange Peel Finish, Add	*0.12*	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.36*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.52*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.17*	
		For Epoxy Paint, Add	*0.11*	
09 91 13 00-0052	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Drywall/Plaster Walls	1.62	
		For Oil Based Paint, Add	*0.10*	
		For Orange Peel Finish, Add	*0.21*	
		For Work >15' To 20' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.47*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.65*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.95*	
		For >100 To 250, Add	*0.46*	
		For >250 To 500, Add	*0.20*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.16*	
		For >10,000 To 20,000, Deduct	*-0.24*	
		For >20,000, Deduct	*-0.32*	
		For Epoxy Paint, Add	*0.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0053	SF	1 Coat Primer, Sprayed, Paint Exterior Drywall/Plaster Walls	0.77	
		For Oil Based Paint, Add	*0.06*	
		For Work >15' To 20' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.38*	
		For >100 To 250, Add	*0.19*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.15*	
		For Epoxy Paint, Add	*0.14*	
09 91 13 00-0054	SF	1 Coat Paint, Sprayed, Paint Exterior Drywall/Plaster Walls	0.79	
		For Oil Based Paint, Add	*0.05*	
		For Work >15' To 20' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.29*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.43*	
		For >100 To 250, Add	*0.21*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	
		For Epoxy Paint, Add	*0.12*	
09 91 13 00-0055	SF	2 Coats Paint, Sprayed, Paint Exterior Drywall/Plaster Walls	1.32	
		For Oil Based Paint, Add	*0.09*	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.31*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.42*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.66*	
		For >100 To 250, Add	*0.32*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.20*	
		For >20,000, Deduct	*-0.26*	
		For Epoxy Paint, Add	*0.23*	

09 91 13 00-0056 Paint Exterior Metal Walls *(09 91 13 00-0001)*

09 91 13 00-0057 Paint Exterior Galvanized Walls *(09 91 13 00-0056)*

Note: Linseed oil or acrylic latex paint.

09 91 13 00-0058	SF	1 Coat Primer, Brush Work, Paint Exterior Galvanized Wall Surfaces	1.39	
		For Work >15' To 20' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.37*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.51*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.77*	
		For >100 To 250, Add	*0.37*	
		For >250 To 500, Add	*0.16*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.14*	
		For >10,000 To 20,000, Deduct	*-0.21*	
		For >20,000, Deduct	*-0.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0059	SF	1 Coat Paint, Brush Work, Paint Exterior Galvanized Wall Surfaces	1.52	
		For Work >15' To 20' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.42*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.58*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.86*	
		For >100 To 250, Add	*0.42*	
		For >250 To 500, Add	*0.18*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.15*	
		For >10,000 To 20,000, Deduct	*-0.23*	
		For >20,000, Deduct	*-0.30*	
09 91 13 00-0060	SF	2 Coats Paint, Brush Work, Paint Exterior Galvanized Wall Surfaces	2.78	
		For Work >15' To 20' Above Floor, Add	*0.28*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.47*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.74*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*1.02*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.53*	
		For >100 To 250, Add	*0.74*	
		For >250 To 500, Add	*0.33*	
		For >2,500 To 5,000, Deduct	*-0.14*	
		For >5,000 To 10,000, Deduct	*-0.28*	
		For >10,000 To 20,000, Deduct	*-0.42*	
		For >20,000, Deduct	*-0.56*	
09 91 13 00-0061	SF	1 Coat Primer, Brush/Roller Work, Paint Exterior Galvanized Walls	1.05	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.37*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.56*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.21*	
09 91 13 00-0062	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Galvanized Walls	1.20	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.44*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.66*	
		For >100 To 250, Add	*0.32*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.18*	
		For >20,000, Deduct	*-0.24*	
09 91 13 00-0063	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Galvanized Walls	2.25	
		For Work >15' To 20' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.37*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.58*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.80*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.21*	
		For >100 To 250, Add	*0.59*	
		For >250 To 500, Add	*0.26*	
		For >2,500 To 5,000, Deduct	*-0.11*	
		For >5,000 To 10,000, Deduct	*-0.23*	
		For >10,000 To 20,000, Deduct	*-0.34*	
		For >20,000, Deduct	*-0.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0064	SF	1 Coat Primer, Sprayed, Paint Exterior Galvanized Walls	0.91	
		For Work >15' To 20' Above Floor, Add	*0.06*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.36*	
		For >100 To 250, Add	*0.19*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.18*	
09 91 13 00-0065	SF	1 Coat Paint, Sprayed, Paint Exterior Galvanized Walls	1.15	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.54*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.23*	
09 91 13 00-0066	SF	2 Coats Paint, Sprayed, Paint Exterior Galvanized Walls	1.98	
		For Work >15' To 20' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.37*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.51*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.85*	
		For >100 To 250, Add	*0.43*	
		For >250 To 500, Add	*0.19*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.20*	
		For >10,000 To 20,000, Deduct	*-0.30*	
		For >20,000, Deduct	*-0.40*	

09 91 13 00-0067 Paint Exterior Aluminum And Aluminum Alloy Walls *(09 91 13 00-0056)*

Note: Alkyd enamel paint.

09 91 13 00-0068	SF	1 Coat Primer, Brush Work, Paint Exterior Aluminum And Aluminum Alloy Wall Surfaces	1.39	
		For Work >15' To 20' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.37*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.51*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.77*	
		For >100 To 250, Add	*0.37*	
		For >250 To 500, Add	*0.16*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.14*	
		For >10,000 To 20,000, Deduct	*-0.21*	
		For >20,000, Deduct	*-0.28*	
09 91 13 00-0069	SF	1 Coat Paint, Brush Work, Paint Exterior Aluminum And Aluminum Alloy Wall Surfaces	1.52	
		For Work >15' To 20' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.42*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.58*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.86*	
		For >100 To 250, Add	*0.42*	
		For >250 To 500, Add	*0.18*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.15*	
		For >10,000 To 20,000, Deduct	*-0.23*	
		For >20,000, Deduct	*-0.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0070	SF	2 Coats Paint, Brush Work, Paint Exterior Aluminum And Aluminum Alloy Wall Surfaces	2.77	
		For Work >15' To 20' Above Floor, Add	*0.28*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.47*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.74*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*1.02*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.53*	
		For >100 To 250, Add	*0.74*	
		For >250 To 500, Add	*0.32*	
		For >2,500 To 5,000, Deduct	*-0.14*	
		For >5,000 To 10,000, Deduct	*-0.28*	
		For >10,000 To 20,000, Deduct	*-0.42*	
		For >20,000, Deduct	*-0.55*	
09 91 13 00-0071	SF	1 Coat Primer, Brush/Roller Work, Paint Exterior Aluminum And Aluminum Alloy Walls	1.20	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.37*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.58*	
		For >100 To 250, Add	*0.29*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.18*	
		For >20,000, Deduct	*-0.24*	
09 91 13 00-0072	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Aluminum And Aluminum Alloy Walls	1.33	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.44*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.68*	
		For >100 To 250, Add	*0.33*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.20*	
		For >20,000, Deduct	*-0.27*	
09 91 13 00-0073	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Aluminum And Aluminum Alloy Walls	2.52	
		For Work >15' To 20' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.37*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.58*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.80*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.25*	
		For >100 To 250, Add	*0.62*	
		For >250 To 500, Add	*0.27*	
		For >2,500 To 5,000, Deduct	*-0.13*	
		For >5,000 To 10,000, Deduct	*-0.25*	
		For >10,000 To 20,000, Deduct	*-0.38*	
		For >20,000, Deduct	*-0.50*	
09 91 13 00-0074	SF	1 Coat Primer, Sprayed, Paint Exterior Aluminum And Aluminum Alloy Walls	0.99	
		For Work >15' To 20' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.42*	
		For >100 To 250, Add	*0.21*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0075	SF	1 Coat Paint, Sprayed, Paint Exterior Aluminum And Aluminum Alloy Walls	1.15	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.54*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.23*	
09 91 13 00-0076	SF	2 Coats Paint, Sprayed, Paint Exterior Aluminum And Aluminum Alloy Walls	1.98	
		For Work >15' To 20' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.37*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.51*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.85*	
		For >100 To 250, Add	*0.43*	
		For >250 To 500, Add	*0.19*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.20*	
		For >10,000 To 20,000, Deduct	*-0.30*	
		For >20,000, Deduct	*-0.40*	

09 91 13 00-0077 Paint Exterior Aluminum And Aluminum Alloy Roof Stacks *(09 91 13 00-0056)*

09 91 13 00-0078	LF	1 Coat Primer, Paint Exterior Aluminum And Aluminum Alloy Roof Stack With Heat Resistant Paint, Per LF Of Stack	16.49	
		For Work >15' To 20' Above Floor, Add	*2.08*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*3.46*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*5.54*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*7.62*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*10.78*	
		For >100 To 250, Add	*5.11*	
		For >250 To 500, Add	*2.21*	
		For >2,500 To 5,000, Deduct	*-0.82*	
		For >5,000 To 10,000, Deduct	*-1.65*	
		For >10,000 To 20,000, Deduct	*-2.47*	
		For >20,000, Deduct	*-3.30*	
09 91 13 00-0079	LF	1 Coat Paint, Paint Exterior Aluminum And Aluminum Alloy Roof Stack With Heat Resistant Paint, Per LF Of Stack	18.36	
		For Work >15' To 20' Above Floor, Add	*2.31*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*3.85*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*6.16*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*8.46*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*11.99*	
		For >100 To 250, Add	*5.68*	
		For >250 To 500, Add	*2.46*	
		For >2,500 To 5,000, Deduct	*-0.92*	
		For >5,000 To 10,000, Deduct	*-1.84*	
		For >10,000 To 20,000, Deduct	*-2.75*	
		For >20,000, Deduct	*-3.67*	
09 91 13 00-0080	LF	2 Coats Paint, Paint Exterior Aluminum And Aluminum Alloy Roof Stack With Heat Resistant Paint, Per LF Of Stack	34.21	
		For Work >15' To 20' Above Floor, Add	*4.34*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*7.23*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*11.57*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*15.91*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*22.49*	
		For >100 To 250, Add	*10.65*	
		For >250 To 500, Add	*4.60*	
		For >2,500 To 5,000, Deduct	*-1.71*	
		For >5,000 To 10,000, Deduct	*-3.42*	
		For >10,000 To 20,000, Deduct	*-5.13*	
		For >20,000, Deduct	*-6.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

09 91 13 00-0081 Paint Exterior Corrugated Metal Walls *(09 91 13 00-0056)*

09 91 13 00-0082	SF	1 Coat Primer, Sprayed, Paint Exterior Corrugated Metal Walls	1.13	
		For Work >15' To 20' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.29*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.48*	
		For >100 To 250, Add	*0.24*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.23*	
09 91 13 00-0083	SF	1 Coat Paint, Sprayed, Paint Exterior Corrugated Metal Walls	1.43	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.33*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.45*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.71*	
		For >100 To 250, Add	*0.35*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.14*	
		For >10,000 To 20,000, Deduct	*-0.21*	
		For >20,000, Deduct	*-0.29*	
09 91 13 00-0084	SF	2 Coats Paint, Sprayed, Paint Exterior Corrugated Metal Walls	2.44	
		For Work >15' To 20' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.31*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.49*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.68*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.10*	
		For >100 To 250, Add	*0.55*	
		For >250 To 500, Add	*0.25*	
		For >2,500 To 5,000, Deduct	*-0.12*	
		For >5,000 To 10,000, Deduct	*-0.24*	
		For >10,000 To 20,000, Deduct	*-0.37*	
		For >20,000, Deduct	*-0.49*	

09 91 13 00-0085 Paint Exterior Stucco Walls *(09 91 13 00-0001)*

09 91 13 00-0086	SF	1 Coat Primer, Brush Work, Paint Exterior Stucco Wall Surfaces	1.79	
		For Oil Based Paint, Add	*0.11*	
		For Work >15' To 20' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.37*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.58*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.80*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.14*	
		For >100 To 250, Add	*0.54*	
		For >250 To 500, Add	*0.24*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.18*	
		For >10,000 To 20,000, Deduct	*-0.27*	
		For >20,000, Deduct	*-0.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0087	SF	1 Coat Paint, Brush Work, Paint Exterior Stucco Wall Surfaces	1.97	
		For Oil Based Paint, Add	*0.12*	
		For Work >15' To 20' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.40*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.64*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.87*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.25*	
		For >100 To 250, Add	*0.59*	
		For >250 To 500, Add	*0.26*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.20*	
		For >10,000 To 20,000, Deduct	*-0.30*	
		For >20,000, Deduct	*-0.39*	
09 91 13 00-0088	SF	2 Coats Paint, Brush Work, Paint Exterior Stucco Wall Surfaces	3.69	
		For Oil Based Paint, Add	*0.22*	
		For Work >15' To 20' Above Floor, Add	*0.44*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.73*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*1.17*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*1.61*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*2.31*	
		For >100 To 250, Add	*1.10*	
		For >250 To 500, Add	*0.48*	
		For >2,500 To 5,000, Deduct	*-0.18*	
		For >5,000 To 10,000, Deduct	*-0.37*	
		For >10,000 To 20,000, Deduct	*-0.55*	
		For >20,000, Deduct	*-0.74*	
09 91 13 00-0089	SF	1 Coat Primer, Brush/Roller Work, Paint Exterior Stucco Walls	1.38	
		For Oil Based Paint, Add	*0.09*	
		For Work >15' To 20' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.42*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.58*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.84*	
		For >100 To 250, Add	*0.40*	
		For >250 To 500, Add	*0.17*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.14*	
		For >10,000 To 20,000, Deduct	*-0.21*	
		For >20,000, Deduct	*-0.28*	
09 91 13 00-0090	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Stucco Walls	1.56	
		For Oil Based Paint, Add	*0.10*	
		For Work >15' To 20' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.47*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.65*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.94*	
		For >100 To 250, Add	*0.45*	
		For >250 To 500, Add	*0.20*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.16*	
		For >10,000 To 20,000, Deduct	*-0.23*	
		For >20,000, Deduct	*-0.31*	
09 91 13 00-0091	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Stucco Walls	2.91	
		For Oil Based Paint, Add	*0.18*	
		For Work >15' To 20' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.54*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.86*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*1.18*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.72*	
		For >100 To 250, Add	*0.83*	
		For >250 To 500, Add	*0.36*	
		For >2,500 To 5,000, Deduct	*-0.15*	
		For >5,000 To 10,000, Deduct	*-0.29*	
		For >10,000 To 20,000, Deduct	*-0.44*	
		For >20,000, Deduct	*-0.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0092	SF	1 Coat Primer, Sprayed, Paint Exterior Stucco Walls	1.03	
		For Oil Based Paint, Add	*0.07*	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.36*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.54*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.21*	
09 91 13 00-0093	SF	1 Coat Paint, Sprayed, Paint Exterior Stucco Walls	1.26	
		For Oil Based Paint, Add	*0.09*	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.31*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.42*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.65*	
		For >100 To 250, Add	*0.32*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.19*	
		For >20,000, Deduct	*-0.25*	
09 91 13 00-0094	SF	2 Coats Paint, Sprayed, Paint Exterior Stucco Walls	2.43	
		For Oil Based Paint, Add	*0.17*	
		For Work >15' To 20' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.39*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.62*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.85*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.29*	
		For >100 To 250, Add	*0.63*	
		For >250 To 500, Add	*0.28*	
		For >2,500 To 5,000, Deduct	*-0.12*	
		For >5,000 To 10,000, Deduct	*-0.24*	
		For >10,000 To 20,000, Deduct	*-0.36*	
		For >20,000, Deduct	*-0.49*	
09 91 13 00-0095	LF	1 Coat Paint, Cut-in Brush Work, Paint Exterior Stucco Wall Surfaces	0.32	
		For Oil Based Paint, Add	*0.02*	
		For Work >15' To 20' Above Floor, Add	*0.04*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.20*	
		For >100 To 250, Add	*0.10*	
		For >250 To 500, Add	*0.04*	
		For >2,500 To 5,000, Deduct	*-0.02*	
		For >5,000 To 10,000, Deduct	*-0.03*	
		For >10,000 To 20,000, Deduct	*-0.05*	
		For >20,000, Deduct	*-0.06*	

09 91 13 00-0096 Paint Exterior Wood Siding *(09 91 13 00-0001)*

09 91 13 00-0097 Paint Exterior Smooth Wood Siding *(09 91 13 00-0096)*
Note: Includes tongue and groove, beveled, drop or board and batten siding.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0098	SF	1 Coat Primer, Brush Work, Paint Exterior Wood Smooth Siding	1.54	
		For Oil Based Paint, Add	*0.10*	
		For Work >15' To 20' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.29*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.46*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.64*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.93*	
		For >100 To 250, Add	*0.44*	
		For >250 To 500, Add	*0.19*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.15*	
		For >10,000 To 20,000, Deduct	*-0.23*	
		For >20,000, Deduct	*-0.31*	
09 91 13 00-0099	SF	1 Coat Paint, Brush Work, Paint Exterior Wood Smooth Siding	1.61	
		For Oil Based Paint, Add	*0.10*	
		For Work >15' To 20' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.51*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.70*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.01*	
		For >100 To 250, Add	*0.48*	
		For >250 To 500, Add	*0.21*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.16*	
		For >10,000 To 20,000, Deduct	*-0.24*	
		For >20,000, Deduct	*-0.32*	
09 91 13 00-0100	SF	2 Coats Paint, Brush Work, Paint Exterior Wood Smooth Siding	2.90	
		For Oil Based Paint, Add	*0.18*	
		For Work >15' To 20' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.56*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.90*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*1.23*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.78*	
		For >100 To 250, Add	*0.85*	
		For >250 To 500, Add	*0.37*	
		For >2,500 To 5,000, Deduct	*-0.15*	
		For >5,000 To 10,000, Deduct	*-0.29*	
		For >10,000 To 20,000, Deduct	*-0.44*	
		For >20,000, Deduct	*-0.58*	
09 91 13 00-0101	SF	1 Coat Primer, Brush/Roller Work, Paint Exterior Smooth Wood Siding	1.24	
		For Oil Based Paint, Add	*0.08*	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.44*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.67*	
		For >100 To 250, Add	*0.32*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.19*	
		For >20,000, Deduct	*-0.25*	
09 91 13 00-0102	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Smooth Wood Siding	1.34	
		For Oil Based Paint, Add	*0.09*	
		For Work >15' To 20' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.38*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.53*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.78*	
		For >100 To 250, Add	*0.37*	
		For >250 To 500, Add	*0.16*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.20*	
		For >20,000, Deduct	*-0.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0103	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Smooth Wood Siding	2.53	
		For Oil Based Paint, Add	*0.17*	
		For Work >15' To 20' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.44*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.70*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.97*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.44*	
		For >100 To 250, Add	*0.69*	
		For >250 To 500, Add	*0.30*	
		For >2,500 To 5,000, Deduct	*-0.13*	
		For >5,000 To 10,000, Deduct	*-0.25*	
		For >10,000 To 20,000, Deduct	*-0.38*	
		For >20,000, Deduct	*-0.51*	
09 91 13 00-0104	SF	1 Coat Primer, Sprayed, Paint Exterior Smooth Wood Siding	1.00	
		For Oil Based Paint, Add	*0.07*	
		For Work >15' To 20' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.31*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.49*	
		For >100 To 250, Add	*0.24*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	
09 91 13 00-0105	SF	1 Coat Paint, Sprayed, Paint Exterior Smooth Wood Siding	1.18	
		For Oil Based Paint, Add	*0.08*	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.41*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.62*	
		For >100 To 250, Add	*0.30*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.18*	
		For >20,000, Deduct	*-0.24*	
09 91 13 00-0106	SF	2 Coats Paint, Sprayed, Paint Exterior Smooth Wood Siding	1.93	
		For Oil Based Paint, Add	*0.14*	
		For Work >15' To 20' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.28*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.44*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.61*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.96*	
		For >100 To 250, Add	*0.47*	
		For >250 To 500, Add	*0.21*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.19*	
		For >10,000 To 20,000, Deduct	*-0.29*	
		For >20,000, Deduct	*-0.39*	
09 91 13 00-0107	LF	1 Coat Paint, Cut-in Brush Work, Paint Exterior Wood Smooth Siding	0.26	
		For Oil Based Paint, Add	*0.02*	
		For Work >15' To 20' Above Floor, Add	*0.03*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.05*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.17*	
		For >100 To 250, Add	*0.08*	
		For >250 To 500, Add	*0.03*	
		For >2,500 To 5,000, Deduct	*-0.01*	
		For >5,000 To 10,000, Deduct	*-0.03*	
		For >10,000 To 20,000, Deduct	*-0.04*	
		For >20,000, Deduct	*-0.05*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0108		**Paint Exterior Rough Wood Siding** *(09 91 13 00-0096)*		
		Note: Includes shingles, shakes or rough sawn siding.		
09 91 13 00-0109	SF	1 Coat Primer, Brush Work, Paint Exterior Wood Rough (Shingles, Shakes Or Rough Sawn) Siding	2.04	
		For Oil Based Paint, Add	*0.12*	
		For Work >15' To 20' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.40*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.64*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.88*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.27*	
		For >100 To 250, Add	*0.60*	
		For >250 To 500, Add	*0.26*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.20*	
		For >10,000 To 20,000, Deduct	*-0.31*	
		For >20,000, Deduct	*-0.41*	
09 91 13 00-0110	SF	1 Coat Paint, Brush Work, Paint Exterior Wood Rough (Shingles, Shakes Or Rough Sawn) Siding	2.01	
		For Oil Based Paint, Add	*0.12*	
		For Work >15' To 20' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.42*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.67*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.92*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.31*	
		For >100 To 250, Add	*0.62*	
		For >250 To 500, Add	*0.27*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.20*	
		For >10,000 To 20,000, Deduct	*-0.30*	
		For >20,000, Deduct	*-0.40*	
09 91 13 00-0111	SF	2 Coats Paint, Brush Work, Paint Exterior Wood Rough (Shingles, Shakes Or Rough Sawn) Siding	3.72	
		For Oil Based Paint, Add	*0.22*	
		For Work >15' To 20' Above Floor, Add	*0.46*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.77*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*1.22*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*1.68*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*2.39*	
		For >100 To 250, Add	*1.14*	
		For >250 To 500, Add	*0.49*	
		For >2,500 To 5,000, Deduct	*-0.19*	
		For >5,000 To 10,000, Deduct	*-0.37*	
		For >10,000 To 20,000, Deduct	*-0.56*	
		For >20,000, Deduct	*-0.74*	
09 91 13 00-0112	SF	1 Coat Primer, Brush/Roller Work, Paint Exterior Rough Wood Siding (Shingles, Shakes Or Rough Sawn)	1.90	
		For Oil Based Paint, Add	*0.13*	
		For Work >15' To 20' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.48*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.65*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.00*	
		For >100 To 250, Add	*0.49*	
		For >250 To 500, Add	*0.21*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.19*	
		For >10,000 To 20,000, Deduct	*-0.29*	
		For >20,000, Deduct	*-0.38*	
09 91 13 00-0113	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Rough Wood Siding (Shingles, Shakes Or Rough Sawn)	2.04	
		For Oil Based Paint, Add	*0.14*	
		For Work >15' To 20' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.33*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.53*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.73*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.10*	
		For >100 To 250, Add	*0.54*	
		For >250 To 500, Add	*0.24*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.20*	
		For >10,000 To 20,000, Deduct	*-0.31*	
		For >20,000, Deduct	*-0.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0114	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Rough Wood Siding (Shingles, Shakes Or Rough Sawn)	3.81	
		For Oil Based Paint, Add	*0.26*	
		For Work >15' To 20' Above Floor, Add	*0.36*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.60*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.96*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*1.31*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*2.01*	
		For >100 To 250, Add	*0.98*	
		For >250 To 500, Add	*0.43*	
		For >2,500 To 5,000, Deduct	*-0.19*	
		For >5,000 To 10,000, Deduct	*-0.38*	
		For >10,000 To 20,000, Deduct	*-0.57*	
		For >20,000, Deduct	*-0.76*	
09 91 13 00-0115	SF	1 Coat Primer, Sprayed, Paint Exterior Rough Wood Siding (Shingles, Shakes Or Rough Sawn)	1.37	
		For Oil Based Paint, Add	*0.10*	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.31*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.42*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.67*	
		For >100 To 250, Add	*0.33*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.14*	
		For >10,000 To 20,000, Deduct	*-0.21*	
		For >20,000, Deduct	*-0.27*	
09 91 13 00-0116	SF	1 Coat Paint, Sprayed, Paint Exterior Rough Wood Siding (Shingles, Shakes Or Rough Sawn)	1.53	
		For Oil Based Paint, Add	*0.11*	
		For Work >15' To 20' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.37*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.51*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.79*	
		For >100 To 250, Add	*0.39*	
		For >250 To 500, Add	*0.17*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.15*	
		For >10,000 To 20,000, Deduct	*-0.23*	
		For >20,000, Deduct	*-0.31*	
09 91 13 00-0117	SF	2 Coats Paint, Sprayed, Paint Exterior Rough Wood Siding (Shingles, Shakes Or Rough Sawn)	2.89	
		For Oil Based Paint, Add	*0.20*	
		For Work >15' To 20' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.42*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.68*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.93*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.45*	
		For >100 To 250, Add	*0.71*	
		For >250 To 500, Add	*0.31*	
		For >2,500 To 5,000, Deduct	*-0.14*	
		For >5,000 To 10,000, Deduct	*-0.29*	
		For >10,000 To 20,000, Deduct	*-0.43*	
		For >20,000, Deduct	*-0.58*	

09 91 13 00-0118 Paint Exterior Vinyl Siding *(09 91 13 00-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0119	SF	1 Coat Primer, Brush Work, Paint Exterior Vinyl Siding	1.18	
		For Oil Based Paint, Add	*0.08*	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.44*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.66*	
		For >100 To 250, Add	*0.32*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.18*	
		For >20,000, Deduct	*-0.24*	
09 91 13 00-0120	SF	1 Coat Paint, Brush Work, Paint Exterior Vinyl Siding	1.28	
		For Oil Based Paint, Add	*0.08*	
		For Work >15' To 20' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.36*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.50*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.73*	
		For >100 To 250, Add	*0.35*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.19*	
		For >20,000, Deduct	*-0.26*	
09 91 13 00-0121	SF	2 Coats Paint, Brush Work, Paint Exterior Vinyl Siding	2.41	
		For Oil Based Paint, Add	*0.16*	
		For Work >15' To 20' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.40*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.64*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.87*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.32*	
		For >100 To 250, Add	*0.64*	
		For >250 To 500, Add	*0.28*	
		For >2,500 To 5,000, Deduct	*-0.12*	
		For >5,000 To 10,000, Deduct	*-0.24*	
		For >10,000 To 20,000, Deduct	*-0.36*	
		For >20,000, Deduct	*-0.48*	
09 91 13 00-0122	SF	1 Coat Primer, Brush/Roller Work, Paint Exterior Vinyl Siding	1.10	
		For Oil Based Paint, Add	*0.08*	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.36*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.56*	
		For >100 To 250, Add	*0.28*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.22*	
09 91 13 00-0123	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Vinyl Siding	1.10	
		For Oil Based Paint, Add	*0.08*	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.36*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.56*	
		For >100 To 250, Add	*0.28*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0124	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Vinyl Siding	2.07	
		For Oil Based Paint, Add	*0.15*	
		For Work >15' To 20' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.48*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.65*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.02*	
		For >100 To 250, Add	*0.50*	
		For >250 To 500, Add	*0.22*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.21*	
		For >10,000 To 20,000, Deduct	*-0.31*	
		For >20,000, Deduct	*-0.41*	
09 91 13 00-0125	SF	1 Coat Primer, Sprayed, Paint Exterior Vinyl Siding	1.01	
		For Oil Based Paint, Add	*0.08*	
		For Work >15' To 20' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.43*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	
09 91 13 00-0126	SF	1 Coat Paint, Sprayed, Paint Exterior Vinyl Siding	1.17	
		For Oil Based Paint, Add	*0.09*	
		For Work >15' To 20' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.45*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.18*	
		For >20,000, Deduct	*-0.23*	
09 91 13 00-0127	SF	2 Coats Paint, Sprayed, Paint Exterior Vinyl Siding	2.30	
		For Oil Based Paint, Add	*0.18*	
		For Work >15' To 20' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.37*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.51*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.90*	
		For >100 To 250, Add	*0.46*	
		For >250 To 500, Add	*0.21*	
		For >2,500 To 5,000, Deduct	*-0.12*	
		For >5,000 To 10,000, Deduct	*-0.23*	
		For >10,000 To 20,000, Deduct	*-0.35*	
		For >20,000, Deduct	*-0.46*	

09 91 13 00-0128 Paint Exterior Ceilings *(09 91 13)*

09 91 13 00-0129 Paint Exterior Concrete Ceilings *(09 91 13 00-0128)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0130	SF	1 Coat Filler, Brush Work, Paint Exterior Concrete Ceiling	1.20	
		For Oil Based Paint, Add	*0.07*	
		For Epoxy Paint, Add	*0.14*	
		For Work >15' To 20' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.37*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.51*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.74*	
		For >100 To 250, Add	*0.35*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.18*	
		For >20,000, Deduct	*-0.24*	
09 91 13 00-0131	SF	1 Coat Paint, Brush Work, Paint Exterior Concrete Ceiling	1.28	
		For Oil Based Paint, Add	*0.08*	
		For Epoxy Paint, Add	*0.13*	
		For Work >15' To 20' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.42*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.58*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.83*	
		For >100 To 250, Add	*0.39*	
		For >250 To 500, Add	*0.17*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.19*	
		For >20,000, Deduct	*-0.26*	
09 91 13 00-0132	SF	2 Coats Paint, Brush Work, Paint Exterior Concrete Ceiling	2.30	
		For Oil Based Paint, Add	*0.14*	
		For Epoxy Paint, Add	*0.25*	
		For Work >15' To 20' Above Floor, Add	*0.28*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.47*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.74*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*1.02*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.46*	
		For >100 To 250, Add	*0.70*	
		For >250 To 500, Add	*0.30*	
		For >2,500 To 5,000, Deduct	*-0.12*	
		For >5,000 To 10,000, Deduct	*-0.23*	
		For >10,000 To 20,000, Deduct	*-0.35*	
		For >20,000, Deduct	*-0.46*	
09 91 13 00-0133	SF	1 Coat Filler, Brush/Roller Work, Paint Exterior Concrete Ceiling	0.94	
		For Oil Based Paint, Add	*0.06*	
		For Epoxy Paint, Add	*0.13*	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.37*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.54*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0134	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Concrete Ceiling	1.02	
		For Oil Based Paint, Add	*0.06*	
		For Epoxy Paint, Add	*0.12*	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.44*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.63*	
		For >100 To 250, Add	*0.30*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	
09 91 13 00-0135	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Concrete Ceiling	1.91	
		For Oil Based Paint, Add	*0.12*	
		For Epoxy Paint, Add	*0.23*	
		For Work >15' To 20' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.37*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.59*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.81*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.17*	
		For >100 To 250, Add	*0.56*	
		For >250 To 500, Add	*0.24*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.19*	
		For >10,000 To 20,000, Deduct	*-0.29*	
		For >20,000, Deduct	*-0.38*	
09 91 13 00-0136	SF	1 Coat Filler, Sprayed, Paint Exterior Concrete Ceiling	0.79	
		For Oil Based Paint, Add	*0.06*	
		For Epoxy Paint, Add	*0.14*	
		For Work >15' To 20' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.39*	
		For >100 To 250, Add	*0.19*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	
09 91 13 00-0137	SF	1 Coat Paint, Sprayed, Paint Exterior Concrete Ceiling	0.89	
		For Oil Based Paint, Add	*0.06*	
		For Epoxy Paint, Add	*0.13*	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.51*	
		For >100 To 250, Add	*0.24*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0138	SF	2 Coats Paint, Sprayed, Paint Exterior Concrete Ceiling	1.47	
		For Oil Based Paint, Add	*0.10*	
		For Epoxy Paint, Add	*0.24*	
		For Work >15' To 20' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.37*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.51*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.77*	
		For >100 To 250, Add	*0.38*	
		For >250 To 500, Add	*0.17*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.15*	
		For >10,000 To 20,000, Deduct	*-0.22*	
		For >20,000, Deduct	*-0.29*	

09 91 13 00-0139 Drywall/Plaster *(09 91 13 00-0128)*

09 91 13 00-0140	SF	1 Coat Primer, Brush Work, Paint Exterior Drywall/Plaster Ceiling	1.20	
		For Oil Based Paint, Add	*0.07*	
		For Orange Peel Finish, Add	*0.16*	
		For Epoxy Paint, Add	*0.14*	
		For Work >15' To 20' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.37*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.51*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.74*	
		For >100 To 250, Add	*0.35*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.18*	
		For >20,000, Deduct	*-0.24*	
		For Epoxy Paint, Add	*0.14*	
09 91 13 00-0141	SF	1 Coat Paint, Brush Work, Paint Exterior Drywall/Plaster Ceiling	1.28	
		For Oil Based Paint, Add	*0.08*	
		For Orange Peel Finish, Add	*0.18*	
		For Epoxy Paint, Add	*0.13*	
		For Work >15' To 20' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.42*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.58*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.83*	
		For >100 To 250, Add	*0.39*	
		For >250 To 500, Add	*0.17*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.19*	
		For >20,000, Deduct	*-0.26*	
		For Epoxy Paint, Add	*0.13*	
09 91 13 00-0142	SF	2 Coats Paint, Brush Work, Paint Exterior Drywall/Plaster Ceiling	2.30	
		For Oil Based Paint, Add	*0.14*	
		For Orange Peel Finish, Add	*0.32*	
		For Epoxy Paint, Add	*0.25*	
		For Work >15' To 20' Above Floor, Add	*0.28*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.47*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.74*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*1.02*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.46*	
		For >100 To 250, Add	*0.70*	
		For >250 To 500, Add	*0.30*	
		For >2,500 To 5,000, Deduct	*-0.12*	
		For >5,000 To 10,000, Deduct	*-0.23*	
		For >10,000 To 20,000, Deduct	*-0.35*	
		For >20,000, Deduct	*-0.46*	
		For Epoxy Paint, Add	*0.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0143	SF	1 Coat Primer, Brush/Roller Work, Paint Exterior Drywall/Plaster Ceiling	0.92	
		For Oil Based Paint, Add	*0.06*	
		For Orange Peel Finish, Add	*0.12*	
		For Epoxy Paint, Add	*0.13*	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.36*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.53*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.18*	
		For Epoxy Paint, Add	*0.13*	
09 91 13 00-0144	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Drywall/Plaster Ceiling	1.02	
		For Oil Based Paint, Add	*0.06*	
		For Orange Peel Finish, Add	*0.14*	
		For Epoxy Paint, Add	*0.12*	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.44*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.63*	
		For >100 To 250, Add	*0.30*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	
		For Epoxy Paint, Add	*0.12*	
09 91 13 00-0145	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Drywall/Plaster Ceiling	1.90	
		For Oil Based Paint, Add	*0.12*	
		For Orange Peel Finish, Add	*0.26*	
		For Epoxy Paint, Add	*0.23*	
		For Work >15' To 20' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.37*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.58*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.80*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.16*	
		For >100 To 250, Add	*0.56*	
		For >250 To 500, Add	*0.24*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.19*	
		For >10,000 To 20,000, Deduct	*-0.29*	
		For >20,000, Deduct	*-0.38*	
		For Epoxy Paint, Add	*0.23*	
09 91 13 00-0146	SF	1 Coat Primer, Sprayed, Paint Exterior Drywall/Plaster Ceiling	0.79	
		For Oil Based Paint, Add	*0.06*	
		For Epoxy Paint, Add	*0.14*	
		For Work >15' To 20' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.39*	
		For >100 To 250, Add	*0.19*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	
		For Epoxy Paint, Add	*0.14*	

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MINOR CSI UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0147	SF 1 Coat Paint, Sprayed, Paint Exterior Drywall/Plaster Ceiling	0.89	
	For Oil Based Paint, Add	*0.06*	
	For Epoxy Paint, Add	*0.13*	
	For Work >15' To 20' Above Floor, Add	*0.09*	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	*0.16*	
	Note: Applied only to work area above 20'.		
	For Work >30' To 40' Above Floor, Add	*0.25*	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	*0.34*	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	*0.51*	
	For >100 To 250, Add	*0.24*	
	For >250 To 500, Add	*0.11*	
	For >2,500 To 5,000, Deduct	*-0.04*	
	For >5,000 To 10,000, Deduct	*-0.09*	
	For >10,000 To 20,000, Deduct	*-0.13*	
	For >20,000, Deduct	*-0.18*	
	For Epoxy Paint, Add	*0.13*	
09 91 13 00-0148	SF 2 Coats Paint, Sprayed, Paint Exterior Drywall/Plaster Ceiling	1.48	
	For Oil Based Paint, Add	*0.10*	
	For Epoxy Paint, Add	*0.24*	
	For Work >15' To 20' Above Floor, Add	*0.14*	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	*0.23*	
	Note: Applied only to work area above 20'.		
	For Work >30' To 40' Above Floor, Add	*0.37*	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	*0.51*	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	*0.78*	
	For >100 To 250, Add	*0.38*	
	For >250 To 500, Add	*0.17*	
	For >2,500 To 5,000, Deduct	*-0.07*	
	For >5,000 To 10,000, Deduct	*-0.15*	
	For >10,000 To 20,000, Deduct	*-0.22*	
	For >20,000, Deduct	*-0.30*	
	For Epoxy Paint, Add	*0.24*	
09 91 13 00-0149	Paint Exterior Wood Ceilings *(09 91 13 00-0128)*		
09 91 13 00-0150	Paint Exterior Smooth Wood Ceilings *(09 91 13 00-0149)*		
09 91 13 00-0151	SF 1 Coat Primer, Brush Work, Paint Exterior Wood Smooth Ceiling	1.48	
	For Oil Based Paint, Add	*0.09*	
	For Work >15' To 20' Above Floor, Add	*0.17*	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	*0.28*	
	Note: Applied only to work area above 20'.		
	For Work >30' To 40' Above Floor, Add	*0.44*	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	*0.61*	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	*0.88*	
	For >100 To 250, Add	*0.42*	
	For >250 To 500, Add	*0.18*	
	For >2,500 To 5,000, Deduct	*-0.07*	
	For >5,000 To 10,000, Deduct	*-0.15*	
	For >10,000 To 20,000, Deduct	*-0.22*	
	For >20,000, Deduct	*-0.30*	
09 91 13 00-0152	SF 1 Coat Paint, Brush Work, Paint Exterior Wood Smooth Ceiling	1.52	
	For Oil Based Paint, Add	*0.09*	
	For Work >15' To 20' Above Floor, Add	*0.18*	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	*0.30*	
	Note: Applied only to work area above 20'.		
	For Work >30' To 40' Above Floor, Add	*0.48*	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	*0.65*	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	*0.94*	
	For >100 To 250, Add	*0.45*	
	For >250 To 500, Add	*0.20*	
	For >2,500 To 5,000, Deduct	*-0.08*	
	For >5,000 To 10,000, Deduct	*-0.15*	
	For >10,000 To 20,000, Deduct	*-0.23*	
	For >20,000, Deduct	*-0.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0153	SF	2 Coats Paint, Brush Work, Paint Exterior Wood Smooth Ceiling	2.79	
		For Oil Based Paint, Add	*0.17*	
		For Work >15' To 20' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.53*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.85*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*1.17*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.70*	
		For >100 To 250, Add	*0.81*	
		For >250 To 500, Add	*0.35*	
		For >2,500 To 5,000, Deduct	*-0.14*	
		For >5,000 To 10,000, Deduct	*-0.28*	
		For >10,000 To 20,000, Deduct	*-0.42*	
		For >20,000, Deduct	*-0.56*	
09 91 13 00-0154	SF	1 Coat Primer, Brush/Roller Work, Paint Exterior Smooth Wood Ceiling	1.24	
		For Oil Based Paint, Add	*0.08*	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.44*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.67*	
		For >100 To 250, Add	*0.32*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.19*	
		For >20,000, Deduct	*-0.25*	
09 91 13 00-0155	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Smooth Wood Ceiling	1.31	
		For Oil Based Paint, Add	*0.08*	
		For Work >15' To 20' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.37*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.51*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.75*	
		For >100 To 250, Add	*0.36*	
		For >250 To 500, Add	*0.16*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.20*	
		For >20,000, Deduct	*-0.26*	
09 91 13 00-0156	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Smooth Wood Ceiling	2.36	
		For Oil Based Paint, Add	*0.16*	
		For Work >15' To 20' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.40*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.64*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.87*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.31*	
		For >100 To 250, Add	*0.63*	
		For >250 To 500, Add	*0.28*	
		For >2,500 To 5,000, Deduct	*-0.12*	
		For >5,000 To 10,000, Deduct	*-0.24*	
		For >10,000 To 20,000, Deduct	*-0.35*	
		For >20,000, Deduct	*-0.47*	
09 91 13 00-0157	SF	1 Coat Primer, Sprayed, Paint Exterior Smooth Wood Ceiling	0.95	
		For Oil Based Paint, Add	*0.06*	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.51*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0158	SF	1 Coat Paint, Sprayed, Paint Exterior Smooth Wood Ceiling	0.95	
		For Oil Based Paint, Add	*0.06*	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.51*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.19*	
09 91 13 00-0159	SF	2 Coats Paint, Sprayed, Paint Exterior Smooth Wood Ceiling	1.74	
		For Oil Based Paint, Add	*0.12*	
		For Work >15' To 20' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.43*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.59*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.91*	
		For >100 To 250, Add	*0.44*	
		For >250 To 500, Add	*0.20*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.17*	
		For >10,000 To 20,000, Deduct	*-0.26*	
		For >20,000, Deduct	*-0.35*	
09 91 13 00-0160		Paint Exterior Rough Wood Ceilings *(09 91 13 00-0149)*		
09 91 13 00-0161	SF	1 Coat Primer, Brush Work, Paint Exterior Wood Rough Ceiling	2.22	
		For Oil Based Paint, Add	*0.14*	
		For Work >15' To 20' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.42*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.67*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.92*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.34*	
		For >100 To 250, Add	*0.64*	
		For >250 To 500, Add	*0.28*	
		For >2,500 To 5,000, Deduct	*-0.11*	
		For >5,000 To 10,000, Deduct	*-0.22*	
		For >10,000 To 20,000, Deduct	*-0.33*	
		For >20,000, Deduct	*-0.44*	
09 91 13 00-0162	SF	1 Coat Paint, Brush Work, Paint Exterior Wood Rough Ceiling	2.19	
		For Oil Based Paint, Add	*0.13*	
		For Work >15' To 20' Above Floor, Add	*0.28*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.47*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.74*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*1.02*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.44*	
		For >100 To 250, Add	*0.68*	
		For >250 To 500, Add	*0.30*	
		For >2,500 To 5,000, Deduct	*-0.11*	
		For >5,000 To 10,000, Deduct	*-0.22*	
		For >10,000 To 20,000, Deduct	*-0.33*	
		For >20,000, Deduct	*-0.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0163	SF	2 Coats Paint, Brush Work, Paint Exterior Wood Rough Ceiling	3.85	
		For Oil Based Paint, Add	*0.23*	
		For Work >15' To 20' Above Floor, Add	*0.48*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.80*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*1.28*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*1.75*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*2.49*	
		For >100 To 250, Add	*1.18*	
		For >250 To 500, Add	*0.51*	
		For >2,500 To 5,000, Deduct	*-0.19*	
		For >5,000 To 10,000, Deduct	*-0.39*	
		For >10,000 To 20,000, Deduct	*-0.58*	
		For >20,000, Deduct	*-0.77*	
09 91 13 00-0164	SF	1 Coat Primer, Brush/Roller Work, Paint Exterior Rough Wood Ceiling	2.04	
		For Oil Based Paint, Add	*0.14*	
		For Work >15' To 20' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.33*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.53*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.73*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.10*	
		For >100 To 250, Add	*0.54*	
		For >250 To 500, Add	*0.24*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.20*	
		For >10,000 To 20,000, Deduct	*-0.31*	
		For >20,000, Deduct	*-0.41*	
09 91 13 00-0165	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Rough Wood Ceiling	2.17	
		For Oil Based Paint, Add	*0.14*	
		For Work >15' To 20' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.37*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.58*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.80*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.20*	
		For >100 To 250, Add	*0.58*	
		For >250 To 500, Add	*0.25*	
		For >2,500 To 5,000, Deduct	*-0.11*	
		For >5,000 To 10,000, Deduct	*-0.22*	
		For >10,000 To 20,000, Deduct	*-0.33*	
		For >20,000, Deduct	*-0.43*	
09 91 13 00-0166	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Rough Wood Ceiling	3.93	
		For Oil Based Paint, Add	*0.27*	
		For Work >15' To 20' Above Floor, Add	*0.38*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.63*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*1.00*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*1.38*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*2.10*	
		For >100 To 250, Add	*1.02*	
		For >250 To 500, Add	*0.45*	
		For >2,500 To 5,000, Deduct	*-0.20*	
		For >5,000 To 10,000, Deduct	*-0.39*	
		For >10,000 To 20,000, Deduct	*-0.59*	
		For >20,000, Deduct	*-0.79*	
09 91 13 00-0167	SF	1 Coat Primer, Sprayed, Paint Exterior Rough Wood Ceiling	1.52	
		For Oil Based Paint, Add	*0.11*	
		For Work >15' To 20' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.37*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.51*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.78*	
		For >100 To 250, Add	*0.38*	
		For >250 To 500, Add	*0.17*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.15*	
		For >10,000 To 20,000, Deduct	*-0.23*	
		For >20,000, Deduct	*-0.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0168	SF	1 Coat Paint, Sprayed, Paint Exterior Rough Wood Ceiling	1.68	
		For Oil Based Paint, Add	*0.11*	
		For Work >15' To 20' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.43*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.59*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.90*	
		For >100 To 250, Add	*0.44*	
		For >250 To 500, Add	*0.19*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.17*	
		For >10,000 To 20,000, Deduct	*-0.25*	
		For >20,000, Deduct	*-0.34*	
09 91 13 00-0169	SF	2 Coats Paint, Sprayed, Paint Exterior Rough Wood Ceiling	3.06	
		For Oil Based Paint, Add	*0.21*	
		For Work >15' To 20' Above Floor, Add	*0.28*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.47*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.74*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*1.02*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.58*	
		For >100 To 250, Add	*0.77*	
		For >250 To 500, Add	*0.34*	
		For >2,500 To 5,000, Deduct	*-0.15*	
		For >5,000 To 10,000, Deduct	*-0.31*	
		For >10,000 To 20,000, Deduct	*-0.46*	
		For >20,000, Deduct	*-0.61*	

09 91 13 00-0170 Paint Exterior Metal Ceilings *(09 91 13 00-0128)*

09 91 13 00-0171 Paint Exterior Galvanized Ceilings *(09 91 13 00-0170)*

Note: Linseed oil or acrylic latex paint.

09 91 13 00-0172	SF	1 Coat Primer, Brush Work, Paint Exterior Galvanized Ceiling	1.52	
		For Work >15' To 20' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.42*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.58*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.86*	
		For >100 To 250, Add	*0.42*	
		For >250 To 500, Add	*0.18*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.15*	
		For >10,000 To 20,000, Deduct	*-0.23*	
		For >20,000, Deduct	*-0.30*	
09 91 13 00-0173	SF	1 Coat Paint, Brush Work, Paint Exterior Galvanized Ceiling	1.65	
		For Work >15' To 20' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.48*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.65*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.96*	
		For >100 To 250, Add	*0.46*	
		For >250 To 500, Add	*0.20*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.17*	
		For >10,000 To 20,000, Deduct	*-0.25*	
		For >20,000, Deduct	*-0.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0174	SF	2 Coats Paint, Brush Work, Paint Exterior Galvanized Ceiling	3.04	
		For Work >15' To 20' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.53*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.85*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*1.17*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.73*	
		For >100 To 250, Add	*0.84*	
		For >250 To 500, Add	*0.37*	
		For >2,500 To 5,000, Deduct	*-0.15*	
		For >5,000 To 10,000, Deduct	*-0.30*	
		For >10,000 To 20,000, Deduct	*-0.46*	
		For >20,000, Deduct	*-0.61*	
09 91 13 00-0175	SF	1 Coat Primer, Brush/Roller Work, Paint Exterior Galvanized Ceiling	1.18	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.44*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.66*	
		For >100 To 250, Add	*0.32*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.18*	
		For >20,000, Deduct	*-0.24*	
09 91 13 00-0176	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Galvanized Ceiling	1.31	
		For Work >15' To 20' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.37*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.51*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.75*	
		For >100 To 250, Add	*0.36*	
		For >250 To 500, Add	*0.16*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.20*	
		For >20,000, Deduct	*-0.26*	
09 91 13 00-0177	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Galvanized Ceiling	2.35	
		For Work >15' To 20' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.40*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.64*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.88*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.31*	
		For >100 To 250, Add	*0.64*	
		For >250 To 500, Add	*0.28*	
		For >2,500 To 5,000, Deduct	*-0.12*	
		For >5,000 To 10,000, Deduct	*-0.24*	
		For >10,000 To 20,000, Deduct	*-0.35*	
		For >20,000, Deduct	*-0.47*	
09 91 13 00-0178	SF	1 Coat Primer, Sprayed, Paint Exterior Galvanized Ceiling	1.15	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.54*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0179	SF	1 Coat Paint, Sprayed, Paint Exterior Galvanized Ceiling	1.29	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.42*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.65*	
		For >100 To 250, Add	*0.32*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.19*	
		For >20,000, Deduct	*-0.26*	
09 91 13 00-0180	SF	2 Coats Paint, Sprayed, Paint Exterior Galvanized Ceiling	2.14	
		For Work >15' To 20' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.43*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.59*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.97*	
		For >100 To 250, Add	*0.48*	
		For >250 To 500, Add	*0.22*	
		For >2,500 To 5,000, Deduct	*-0.11*	
		For >5,000 To 10,000, Deduct	*-0.21*	
		For >10,000 To 20,000, Deduct	*-0.32*	
		For >20,000, Deduct	*-0.43*	

09 91 13 00-0181 Paint Exterior Aluminum And Aluminum Alloy Ceilings *(09 91 13 00-0170)*

Note: Alkyd enamel paint.

09 91 13 00-0182	SF	1 Coat Primer, Brush Work, Paint Exterior Aluminum And Aluminum Alloy Ceiling	1.52	
		For Work >15' To 20' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.42*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.58*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.86*	
		For >100 To 250, Add	*0.42*	
		For >250 To 500, Add	*0.18*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.15*	
		For >10,000 To 20,000, Deduct	*-0.23*	
		For >20,000, Deduct	*-0.30*	
09 91 13 00-0183	SF	1 Coat Paint, Brush Work, Paint Exterior Aluminum And Aluminum Alloy Ceiling	1.65	
		For Work >15' To 20' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.48*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.65*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.96*	
		For >100 To 250, Add	*0.46*	
		For >250 To 500, Add	*0.20*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.17*	
		For >10,000 To 20,000, Deduct	*-0.25*	
		For >20,000, Deduct	*-0.33*	
09 91 13 00-0184	SF	2 Coats Paint, Brush Work, Paint Exterior Aluminum And Aluminum Alloy Ceiling	3.04	
		For Work >15' To 20' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.53*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.85*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*1.17*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.73*	
		For >100 To 250, Add	*0.84*	
		For >250 To 500, Add	*0.37*	
		For >2,500 To 5,000, Deduct	*-0.15*	
		For >5,000 To 10,000, Deduct	*-0.30*	
		For >10,000 To 20,000, Deduct	*-0.46*	
		For >20,000, Deduct	*-0.61*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0185	SF	1 Coat Primer, Brush/Roller Work, Paint Exterior Aluminum And Aluminum Alloy Ceiling	1.33	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.44*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.68*	
		For >100 To 250, Add	*0.33*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.20*	
		For >20,000, Deduct	*-0.27*	
09 91 13 00-0186	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Aluminum And Aluminum Alloy Ceiling	1.46	
		For Work >15' To 20' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.37*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.51*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.78*	
		For >100 To 250, Add	*0.38*	
		For >250 To 500, Add	*0.17*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.15*	
		For >10,000 To 20,000, Deduct	*-0.22*	
		For >20,000, Deduct	*-0.29*	
09 91 13 00-0187	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Aluminum And Aluminum Alloy Ceiling	2.66	
		For Work >15' To 20' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.40*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.64*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.88*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.36*	
		For >100 To 250, Add	*0.67*	
		For >250 To 500, Add	*0.29*	
		For >2,500 To 5,000, Deduct	*-0.13*	
		For >5,000 To 10,000, Deduct	*-0.27*	
		For >10,000 To 20,000, Deduct	*-0.40*	
		For >20,000, Deduct	*-0.53*	
09 91 13 00-0188	SF	1 Coat Primer, Sprayed, Paint Exterior Aluminum And Aluminum Alloy Ceiling	1.15	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.54*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.23*	
09 91 13 00-0189	SF	1 Coat Paint, Sprayed, Paint Exterior Aluminum And Aluminum Alloy Ceiling	1.15	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.54*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0190	SF	2 Coats Paint, Sprayed, Paint Exterior Aluminum And Aluminum Alloy Ceiling	2.14	
		For Work >15' To 20' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.43*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.59*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.97*	
		For >100 To 250, Add	*0.48*	
		For >250 To 500, Add	*0.22*	
		For >2,500 To 5,000, Deduct	*-0.11*	
		For >5,000 To 10,000, Deduct	*-0.21*	
		For >10,000 To 20,000, Deduct	*-0.32*	
		For >20,000, Deduct	*-0.43*	

09 91 13 00-0191 Paint Exterior Corrugated Metal Ceilings *(09 91 13 00-0170)*

09 91 13 00-0192	SF	1 Coat Primer, Sprayed, Paint Exterior Corrugated Metal Ceiling	1.27	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.36*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.59*	
		For >100 To 250, Add	*0.29*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.19*	
		For >20,000, Deduct	*-0.25*	
09 91 13 00-0193	SF	1 Coat Paint, Sprayed, Paint Exterior Corrugated Metal Ceiling	1.43	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.33*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.45*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.71*	
		For >100 To 250, Add	*0.35*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.14*	
		For >10,000 To 20,000, Deduct	*-0.21*	
		For >20,000, Deduct	*-0.29*	
09 91 13 00-0194	SF	2 Coats Paint, Sprayed, Paint Exterior Corrugated Metal Ceiling	2.64	
		For Work >15' To 20' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.36*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.57*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.79*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.25*	
		For >100 To 250, Add	*0.62*	
		For >250 To 500, Add	*0.28*	
		For >2,500 To 5,000, Deduct	*-0.13*	
		For >5,000 To 10,000, Deduct	*-0.26*	
		For >10,000 To 20,000, Deduct	*-0.40*	
		For >20,000, Deduct	*-0.53*	

09 91 13 00-0195 Paint Exterior Floors *(09 91 13)*

09 91 13 00-0196 Paint Exterior Concrete Floors *(09 91 13 00-0195)*

09 91 13 00-0197	SF	1 Coat Primer, Brush Work, Paint Exterior Concrete Floors And Decks	0.94	
		For Oil Based Paint, Add	*0.06*	
		For Epoxy Paint, Add	*0.13*	
		For Up To 100, Add	*0.54*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0198	SF	1 Coat Paint, Brush Work, Paint Exterior Concrete Floors And Decks	1.02	
		For Oil Based Paint, Add	*0.06*	
		For Epoxy Paint, Add	*0.12*	
		For Up To 100, Add	*0.63*	
		For >100 To 250, Add	*0.30*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	
09 91 13 00-0199	SF	2 Coats Paint, Brush Work, Paint Exterior Concrete Floors And Decks	1.90	
		For Oil Based Paint, Add	*0.12*	
		For Epoxy Paint, Add	*0.23*	
		For Up To 100, Add	*1.16*	
		For >100 To 250, Add	*0.56*	
		For >250 To 500, Add	*0.24*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.19*	
		For >10,000 To 20,000, Deduct	*-0.29*	
		For >20,000, Deduct	*-0.38*	
09 91 13 00-0200	SF	1 Coat Primer, Brush/Roller Work, Paint Exterior Concrete Floors And Decks	0.79	
		For Oil Based Paint, Add	*0.05*	
		For Epoxy Paint, Add	*0.12*	
		For Up To 100, Add	*0.43*	
		For >100 To 250, Add	*0.21*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	
09 91 13 00-0201	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Concrete Floors And Decks	0.89	
		For Oil Based Paint, Add	*0.06*	
		For Epoxy Paint, Add	*0.11*	
		For Up To 100, Add	*0.54*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.18*	
09 91 13 00-0202	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Concrete Floors And Decks	1.48	
		For Oil Based Paint, Add	*0.10*	
		For Epoxy Paint, Add	*0.21*	
		For Up To 100, Add	*0.85*	
		For >100 To 250, Add	*0.41*	
		For >250 To 500, Add	*0.18*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.15*	
		For >10,000 To 20,000, Deduct	*-0.22*	
		For >20,000, Deduct	*-0.30*	
09 91 13 00-0203	SF	1 Coat Primer, Sprayed, Paint Exterior Concrete Floors And Decks	0.64	
		For Oil Based Paint, Add	*0.05*	
		For Epoxy Paint, Add	*0.13*	
		For Up To 100, Add	*0.28*	
		For >100 To 250, Add	*0.14*	
		For >250 To 500, Add	*0.06*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.06*	
		For >10,000 To 20,000, Deduct	*-0.10*	
		For >20,000, Deduct	*-0.13*	
09 91 13 00-0204	SF	1 Coat Paint, Sprayed, Paint Exterior Concrete Floors And Decks	0.73	
		For Oil Based Paint, Add	*0.05*	
		For Epoxy Paint, Add	*0.12*	
		For Up To 100, Add	*0.39*	
		For >100 To 250, Add	*0.19*	
		For >250 To 500, Add	*0.08*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.15*	
09 91 13 00-0205	SF	2 Coats Paint, Sprayed, Paint Exterior Concrete Floors And Decks	1.32	
		For Oil Based Paint, Add	*0.09*	
		For Epoxy Paint, Add	*0.23*	
		For Up To 100, Add	*0.66*	
		For >100 To 250, Add	*0.32*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.20*	
		For >20,000, Deduct	*-0.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0206	SF	1 Coat Non-Slip Paint, Brush/Roller Work, Paint Exterior Concrete Floors And Decks	2.27	
		For Up To 100, Add	*0.74*	
		For >100 To 250, Add	*0.39*	
		For >250 To 500, Add	*0.18*	
		For >2,500 To 5,000, Deduct	*-0.11*	
		For >5,000 To 10,000, Deduct	*-0.23*	
		For >10,000 To 20,000, Deduct	*-0.34*	
		For >20,000, Deduct	*-0.45*	
09 91 13 00-0207	SF	1 Coat Anti-Slip Paint, High Performance Epoxy Coating, Brush/Roller Work, Paint Exterior Concrete Floors And Decks	6.63	
		For Up To 100, Add	*1.40*	
		For >100 To 250, Add	*0.83*	
		For >250 To 500, Add	*0.40*	
		For >2,500 To 5,000, Deduct	*-0.33*	
		For >5,000 To 10,000, Deduct	*-0.66*	
		For >10,000 To 20,000, Deduct	*-0.99*	
		For >20,000, Deduct	*-1.33*	

09 91 13 00-0208 Paint Exterior Wood Floors *(09 91 13 00-0195)*

09 91 13 00-0209	SF	1 Coat Primer, Brush Work, Paint Exterior Wood Floors And Decks	1.18	
		For Oil Based Paint, Add	*0.08*	
		For Up To 100, Add	*0.66*	
		For >100 To 250, Add	*0.32*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.18*	
		For >20,000, Deduct	*-0.24*	
09 91 13 00-0210	SF	1 Coat Paint, Brush Work, Paint Exterior Wood Floors And Decks	1.26	
		For Oil Based Paint, Add	*0.08*	
		For Up To 100, Add	*0.75*	
		For >100 To 250, Add	*0.36*	
		For >250 To 500, Add	*0.16*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.19*	
		For >20,000, Deduct	*-0.25*	
09 91 13 00-0211	SF	2 Coats Paint, Brush Work, Paint Exterior Wood Floors And Decks	2.38	
		For Oil Based Paint, Add	*0.15*	
		For Up To 100, Add	*1.39*	
		For >100 To 250, Add	*0.67*	
		For >250 To 500, Add	*0.29*	
		For >2,500 To 5,000, Deduct	*-0.12*	
		For >5,000 To 10,000, Deduct	*-0.24*	
		For >10,000 To 20,000, Deduct	*-0.36*	
		For >20,000, Deduct	*-0.48*	
09 91 13 00-0212	SF	1 Coat Primer, Brush/Roller Work, Paint Exterior Wood Floors And Decks	1.11	
		For Oil Based Paint, Add	*0.08*	
		For Up To 100, Add	*0.57*	
		For >100 To 250, Add	*0.28*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.22*	
09 91 13 00-0213	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Wood Floors And Decks	1.18	
		For Oil Based Paint, Add	*0.08*	
		For Up To 100, Add	*0.66*	
		For >100 To 250, Add	*0.32*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.18*	
		For >20,000, Deduct	*-0.24*	
09 91 13 00-0214	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Wood Floors And Decks	1.96	
		For Oil Based Paint, Add	*0.14*	
		For Up To 100, Add	*1.01*	
		For >100 To 250, Add	*0.49*	
		For >250 To 500, Add	*0.22*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.20*	
		For >10,000 To 20,000, Deduct	*-0.29*	
		For >20,000, Deduct	*-0.39*	
09 91 13 00-0215	SF	1 Coat Primer, Sprayed, Paint Exterior Wood Floors And Decks	0.79	
		For Oil Based Paint, Add	*0.06*	
		For Up To 100, Add	*0.39*	
		For >100 To 250, Add	*0.19*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0216	SF	1 Coat Paint, Sprayed, Paint Exterior Wood Floors And Decks	0.95	
		For Oil Based Paint, Add	*0.06*	
		For Up To 100, Add	*0.51*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.19*	
09 91 13 00-0217	SF	2 Coats Paint, Sprayed, Paint Exterior Wood Floors And Decks	1.59	
		For Oil Based Paint, Add	*0.11*	
		For Up To 100, Add	*0.80*	
		For >100 To 250, Add	*0.39*	
		For >250 To 500, Add	*0.17*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.16*	
		For >10,000 To 20,000, Deduct	*-0.24*	
		For >20,000, Deduct	*-0.32*	
09 91 13 00-0218	SF	1 Coat Non-Slip Paint, Brush Work, Paint Exterior Wood Floors And Decks	2.40	
		For Up To 100, Add	*0.84*	
		For >100 To 250, Add	*0.44*	
		For >250 To 500, Add	*0.20*	
		For >2,500 To 5,000, Deduct	*-0.12*	
		For >5,000 To 10,000, Deduct	*-0.24*	
		For >10,000 To 20,000, Deduct	*-0.36*	
		For >20,000, Deduct	*-0.48*	
09 91 13 00-0219	SF	1 Coat Non-Slip Epoxy Paint, Brush Work, Paint Exterior Wood Floors And Decks	6.76	
		For Up To 100, Add	*1.49*	
		For >100 To 250, Add	*0.88*	
		For >250 To 500, Add	*0.42*	
		For >2,500 To 5,000, Deduct	*-0.34*	
		For >5,000 To 10,000, Deduct	*-0.68*	
		For >10,000 To 20,000, Deduct	*-1.01*	
		For >20,000, Deduct	*-1.35*	

09 91 13 00-0220 Paint Exterior Doors And Windows *(09 91 13)*

09 91 13 00-0221 Paint Exterior Door Frames *(09 91 13 00-0220)*

09 91 13 00-0222	LF	1 Coat Primer, Brush/Roller Work, Paint Exterior Wood Door Frame And Trim	1.47	
		For Painting Either Interior Or Exterior Only, Deduct	*-0.40*	
09 91 13 00-0223	LF	1 Coat Paint, Brush/Roller Work, Paint Exterior Wood Door Frame And Trim	1.89	
		For Painting Either Interior Or Exterior Only, Deduct	*-0.50*	
09 91 13 00-0224	LF	2 Coats Paint, Brush/Roller Work, Paint Exterior Wood Door Frame And Trim	3.20	
		For Painting Either Interior Or Exterior Only, Deduct	*-0.85*	
09 91 13 00-0225	LF	1 Coat Primer, Brush/Roller Work, Paint Exterior Metal Door Frame And Trim	1.49	
		For Painting Either Interior Or Exterior Only, Deduct	*-0.40*	
09 91 13 00-0226	LF	1 Coat Paint, Brush/Roller Work, Paint Exterior Metal Door Frame And Trim	1.91	
		For Painting Either Interior Or Exterior Only, Deduct	*-0.51*	
09 91 13 00-0227	LF	2 Coats Paint, Brush/Roller Work, Paint Exterior Metal Door Frame And Trim	3.23	
		For Painting Either Interior Or Exterior Only, Deduct	*-0.86*	

09 91 13 00-0228 Paint Exterior Metal Doors *(09 91 13 00-0220)*

09 91 13 00-0229	EA	1 Coat Primer, Brush/Roller Work, Paint Exterior Metal Door Note: One face	69.72	
		For Half Louvered Door, Add	*5.78*	
		For Full Louvered Door, Add	*9.63*	
		For Electrostatic Painting, Add	*11.65*	
		For >5 To 10, Deduct	*-3.49*	
		For >10 To 25, Deduct	*-6.97*	
		For >25, Deduct	*-10.46*	
09 91 13 00-0230	EA	1 Coat Paint, Brush/Roller Work, Paint Exterior Metal Door Note: One face	69.72	
		For Half Louvered Door, Add	*5.78*	
		For Full Louvered Door, Add	*9.63*	
		For Electrostatic Painting, Add	*11.65*	
		For >5 To 10, Deduct	*-3.49*	
		For >10 To 25, Deduct	*-6.97*	
		For >25, Deduct	*-10.46*	
09 91 13 00-0231	EA	2 Coat Paint, Brush/Roller Work, Paint Exterior Metal Door Note: One face	127.08	
		For Half Louvered Door, Add	*9.76*	
		For Full Louvered Door, Add	*16.27*	
		For Electrostatic Painting, Add	*22.01*	
		For >5 To 10, Deduct	*-6.35*	
		For >10 To 25, Deduct	*-12.71*	
		For >25, Deduct	*-19.06*	
09 91 13 00-0232	EA	1 Coat Primer, Brush/Roller Work, Paint Exterior Metal Door Note: Both faces	125.15	
		For Half Louvered Door, Add	*10.36*	
		For Full Louvered Door, Add	*17.27*	
		For Electrostatic Painting, Add	*20.93*	
		For >5 To 10, Deduct	*-6.26*	
		For >10 To 25, Deduct	*-12.52*	
		For >25, Deduct	*-18.77*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0233	EA	1 Coat Paint, Brush/Roller Work, Paint Exterior Metal Door	125.15	
		Note: Both faces		
		For Half Louvered Door, Add	*10.36*	
		For Full Louvered Door, Add	*17.27*	
		For Electrostatic Painting, Add	*20.93*	
		For >5 To 10, Deduct	*-6.26*	
		For >10 To 25, Deduct	*-12.52*	
		For >25, Deduct	*-18.77*	
09 91 13 00-0234	EA	2 Coats Paint, Brush/Roller Work, Paint Exterior Metal Door	229.00	
		Note: Both faces		
		For Half Louvered Door, Add	*17.53*	
		For Full Louvered Door, Add	*29.22*	
		For Electrostatic Painting, Add	*39.72*	
		For >5 To 10, Deduct	*-11.45*	
		For >10 To 25, Deduct	*-22.90*	
		For >25, Deduct	*-34.35*	
09 91 13 00-0235	EA	1 Coat Primer, Sprayed, Paint Exterior Metal Door	64.14	
		Note: One face		
		For Half Louvered Door, Add	*4.47*	
		For Full Louvered Door, Add	*7.46*	
		For Electrostatic Painting, Add	*11.56*	
		For >5 To 10, Deduct	*-3.21*	
		For >10 To 25, Deduct	*-6.41*	
		For >25, Deduct	*-9.62*	
09 91 13 00-0236	EA	1 Coat Paint, Sprayed, Paint Exterior Metal Door	64.14	
		Note: One face		
		For Half Louvered Door, Add	*4.47*	
		For Full Louvered Door, Add	*7.46*	
		For Electrostatic Painting, Add	*11.56*	
		For >5 To 10, Deduct	*-3.21*	
		For >10 To 25, Deduct	*-6.41*	
		For >25, Deduct	*-9.62*	
09 91 13 00-0237	EA	2 Coats Paint, Sprayed, Paint Exterior Metal Door	118.57	
		Note: One face		
		For Half Louvered Door, Add	*7.55*	
		For Full Louvered Door, Add	*12.59*	
		For Electrostatic Painting, Add	*22.09*	
		For >5 To 10, Deduct	*-5.93*	
		For >10 To 25, Deduct	*-11.86*	
		For >25, Deduct	*-17.79*	
09 91 13 00-0238	EA	1 Coat Primer, Sprayed, Paint Exterior Metal Door	115.15	
		Note: Both faces		
		For Half Louvered Door, Add	*8.02*	
		For Full Louvered Door, Add	*13.37*	
		For Electrostatic Painting, Add	*20.77*	
		For >5 To 10, Deduct	*-5.76*	
		For >10 To 25, Deduct	*-11.52*	
		For >25, Deduct	*-17.27*	
09 91 13 00-0239	EA	1 Coat Paint, Sprayed, Paint Exterior Metal Door	115.15	
		Note: Both faces		
		For Half Louvered Door, Add	*8.02*	
		For Full Louvered Door, Add	*13.37*	
		For Electrostatic Painting, Add	*20.77*	
		For >5 To 10, Deduct	*-5.76*	
		For >10 To 25, Deduct	*-11.52*	
		For >25, Deduct	*-17.27*	
09 91 13 00-0240	EA	2 Coats Paint, Sprayed, Paint Exterior Metal Door	213.83	
		Note: Both faces		
		For Half Louvered Door, Add	*13.57*	
		For Full Louvered Door, Add	*22.62*	
		For Electrostatic Painting, Add	*39.89*	
		For >5 To 10, Deduct	*-10.69*	
		For >10 To 25, Deduct	*-21.38*	
		For >25, Deduct	*-32.07*	
09 91 13 00-0241	SF	1 Coat Primer, Brush/Roller Work, Paint Exterior Metal Overhead, Sectional Door, Or Roll Up Door	3.16	
		For Electrostatic Painting, Add	*0.40*	
09 91 13 00-0242	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Metal Overhead, Sectional Door, Or Roll Up Door	3.36	
		For Electrostatic Painting, Add	*0.45*	
09 91 13 00-0243	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Metal Overhead, Section Door, Or Roll Up Door	6.86	
		For Electrostatic Painting, Add	*0.88*	
09 91 13 00-0244	SF	1 Coat Primer, Sprayed, Paint Exterior Metal Overhead, Sectional Door, Or Roll Up Door	3.34	
		For Electrostatic Painting, Add	*0.41*	
09 91 13 00-0245	SF	1 Coat Paint, Sprayed, Paint Exterior Metal Overhead, Sectional Door, Or Roll Up Door	3.54	
		For Electrostatic Painting, Add	*0.46*	
09 91 13 00-0246	SF	2 Coats Paint, Sprayed, Paint Exterior Metal Overhead, Sectional Door, Or Roll Up Door	6.83	
		For Electrostatic Painting, Add	*0.89*	

09 91 13 00-0247 Paint Exterior Wood Doors *(09 91 13 00-0220)*

09 91 13 00-0248	EA	1 Coat Primer, Brush/Roller Work, Paint Exterior Wood Door	64.39	
		Note: One face		
		For Half Louvered Door, Add	*5.78*	
		For Full Louvered Door, Add	*9.63*	
		For >5 To 10, Deduct	*-3.22*	
		For >10 To 25, Deduct	*-6.44*	
		For >25, Deduct	*-9.66*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0249	EA	1 Coat Paint, Brush/Roller Work, Paint Exterior Wood Door	64.39	
		Note: One face		
		For Half Louvered Door, Add	*5.78*	
		For Full Louvered Door, Add	*9.63*	
		For >5 To 10, Deduct	*-3.22*	
		For >10 To 25, Deduct	*-6.44*	
		For >25, Deduct	*-9.66*	
09 91 13 00-0250	EA	2 Coats Paint, Brush/Roller Work, Paint Exterior Wood Door	116.49	
		Note: One face		
		For Half Louvered Door, Add	*9.76*	
		For Full Louvered Door, Add	*16.27*	
		For >5 To 10, Deduct	*-5.82*	
		For >10 To 25, Deduct	*-11.65*	
		For >25, Deduct	*-17.47*	
09 91 13 00-0251	EA	1 Coat Primer, Brush/Roller Work, Paint Exterior Wood Door	115.58	
		Note: Both faces		
		For Half Louvered Door, Add	*10.36*	
		For Full Louvered Door, Add	*17.27*	
		For >5 To 10, Deduct	*-5.78*	
		For >10 To 25, Deduct	*-11.56*	
		For >25, Deduct	*-17.34*	
09 91 13 00-0252	EA	1 Coat Paint, Brush/Roller Work, Paint Exterior Wood Door	115.58	
		Note: Both faces		
		For Half Louvered Door, Add	*10.36*	
		For Full Louvered Door, Add	*17.27*	
		For >5 To 10, Deduct	*-5.78*	
		For >10 To 25, Deduct	*-11.56*	
		For >25, Deduct	*-17.34*	
09 91 13 00-0253	EA	2 Coats Paint, Brush Roller Work, Paint Exterior Wood Door	209.85	
		Note: Both faces		
		For Half Louvered Door, Add	*17.53*	
		For Full Louvered Door, Add	*29.22*	
		For >5 To 10, Deduct	*-10.49*	
		For >10 To 25, Deduct	*-20.99*	
		For >25, Deduct	*-31.48*	
09 91 13 00-0254	EA	1 Coat Primer, Sprayed, Paint Exterior Wood Door	58.28	
		Note: One face		
		For Half Louvered Door, Add	*4.47*	
		For Full Louvered Door, Add	*7.46*	
		For >5 To 10, Deduct	*-2.91*	
		For >10 To 25, Deduct	*-5.83*	
		For >25, Deduct	*-8.74*	
09 91 13 00-0255	EA	1 Coat Paint, Sprayed, Paint Exterior Wood Door	58.28	
		Note: One face		
		For Half Louvered Door, Add	*4.47*	
		For Full Louvered Door, Add	*7.46*	
		For >5 To 10, Deduct	*-2.91*	
		For >10 To 25, Deduct	*-5.83*	
		For >25, Deduct	*-8.74*	
09 91 13 00-0256	EA	2 Coats Paint, Sprayed, Paint Exterior Wood Door	106.94	
		Note: One face		
		For Half Louvered Door, Add	*7.56*	
		For Full Louvered Door, Add	*12.60*	
		For >5 To 10, Deduct	*-5.35*	
		For >10 To 25, Deduct	*-10.69*	
		For >25, Deduct	*-16.04*	
09 91 13 00-0257	EA	1 Coat Primer, Sprayed, Paint Exterior Wood Door	104.62	
		Note: Both faces		
		For Half Louvered Door, Add	*8.02*	
		For Full Louvered Door, Add	*13.37*	
		For >5 To 10, Deduct	*-5.23*	
		For >10 To 25, Deduct	*-10.46*	
		For >25, Deduct	*-15.69*	
09 91 13 00-0258	EA	1 Coat Paint, Sprayed, Paint Exterior Wood Door	104.62	
		Note: Both faces		
		For Half Louvered Door, Add	*8.02*	
		For Full Louvered Door, Add	*13.37*	
		For >5 To 10, Deduct	*-5.23*	
		For >10 To 25, Deduct	*-10.46*	
		For >25, Deduct	*-15.69*	
09 91 13 00-0259	EA	2 Coats Paint, Sprayed, Paint Exterior Wood Door	192.77	
		Note: Both faces		
		For Half Louvered Door, Add	*13.57*	
		For Full Louvered Door, Add	*22.62*	
		For >5 To 10, Deduct	*-9.64*	
		For >10 To 25, Deduct	*-19.28*	
		For >25, Deduct	*-28.92*	
09 91 13 00-0260	SF	1 Coat Primer, Brush/Roller Work, Paint Exterior Wood Overhead, Sectional Door, Or Roll Up Door	3.09	
09 91 13 00-0261	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Wood Overhead, Sectional Door, Or Roll Up Door	3.23	
09 91 13 00-0262	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Wood Overhead, Sectional Door, Or Roll Up Door	6.63	
09 91 13 00-0263	SF	1 Coat Primer, Sprayed, Paint Exterior Wood Overhead, Sectional Door, Or Roll Up Door	3.25	
09 91 13 00-0264	SF	1 Coat Paint, Sprayed, Paint Exterior Wood Overhead, Sectional Door, Or Roll Up Door	3.41	
09 91 13 00-0265	SF	2 Coats Paint, Sprayed, Paint Exterior Wood Overhead, Sectional Door, Or Roll Up Door	6.59	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0266		**Paint Exterior Metal Windows** *(09 91 13 00-0220)* Note: Two finish coats paint over rust inhibitive primer.		
09 91 13 00-0267	EA	Up To 8 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Exterior Metal Window Including Trim	107.07	
		For Electrostatic Painting, Add	*13.82*	
		For >5 To 10, Deduct	*-5.35*	
		For >10 To 25, Deduct	*-10.71*	
		For >25, Deduct	*-16.06*	
09 91 13 00-0268	EA	>8 To 14 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Exterior Metal Window Including Trim	131.65	
		For Electrostatic Painting, Add	*17.97*	
		For >5 To 10, Deduct	*-6.58*	
		For >10 To 25, Deduct	*-13.17*	
		For >25, Deduct	*-19.75*	
09 91 13 00-0269	EA	>14 To 20 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Exterior Metal Window Including Trim	178.32	
		For Electrostatic Painting, Add	*24.65*	
		For >5 To 10, Deduct	*-8.92*	
		For >10 To 25, Deduct	*-17.83*	
		For >25, Deduct	*-26.75*	
09 91 13 00-0270	EA	>20 To 26 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Exterior Metal Window Including Trim	200.88	
		For Electrostatic Painting, Add	*27.80*	
		For >5 To 10, Deduct	*-10.04*	
		For >10 To 25, Deduct	*-20.09*	
		For >25, Deduct	*-30.13*	
09 91 13 00-0271	EA	>26 To 34 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Exterior Metal Window Including Trim	222.61	
		For Electrostatic Painting, Add	*30.74*	
		For >5 To 10, Deduct	*-11.13*	
		For >10 To 25, Deduct	*-22.26*	
		For >25, Deduct	*-33.39*	
09 91 13 00-0272	SF	>34 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Exterior Metal Window Including Trim	7.06	
		For Electrostatic Painting, Add	*0.97*	
09 91 13 00-0273		**Paint Exterior Wood Windows** *(09 91 13 00-0220)* Note: Two finish coats paint over primer.		
09 91 13 00-0274	EA	Up To 8 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Exterior Wood Window Including Trim	103.53	
		For >5 To 10, Deduct	*-5.18*	
		For >10 To 25, Deduct	*-10.35*	
		For >25, Deduct	*-15.53*	
09 91 13 00-0275	EA	>8 To 14 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Exterior Wood Window Including Trim	126.18	
		For >5 To 10, Deduct	*-6.31*	
		For >10 To 25, Deduct	*-12.62*	
		For >25, Deduct	*-18.93*	
09 91 13 00-0276	EA	>14 To 20 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Exterior Wood Window Including Trim	170.55	
		For >5 To 10, Deduct	*-8.53*	
		For >10 To 25, Deduct	*-17.06*	
		For >25, Deduct	*-25.58*	
09 91 13 00-0277	EA	>20 To 26 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Exterior Wood Window Including Trim	192.10	
		For >5 To 10, Deduct	*-9.61*	
		For >10 To 25, Deduct	*-19.21*	
		For >25, Deduct	*-28.82*	
09 91 13 00-0278	EA	>26 To 34 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Exterior Wood Window Including Trim	212.96	
		For >5 To 10, Deduct	*-10.65*	
		For >10 To 25, Deduct	*-21.30*	
		For >25, Deduct	*-31.94*	
09 91 13 00-0279	SF	>34 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Exterior Wood Window Including Trim	7.10	
09 91 13 00-0280		**Paint Exterior Security Screens** *(09 91 13 00-0220)*		
09 91 13 00-0281	SF	1 Coat Primer, Brush/Roller Work, Paint Exterior Security Screen	1.88	
		For Electrostatic Painting, Add	*0.26*	
09 91 13 00-0282	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Security Screen	1.89	
		For Electrostatic Painting, Add	*0.24*	
09 91 13 00-0283	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Security Screen	3.14	
		For Electrostatic Painting, Add	*0.40*	
09 91 13 00-0284		**Paint Exterior Window Guards** *(09 91 13 00-0220)*		
09 91 13 00-0285	SF	1 Coat Primer, Brush/Roller Work, Paint Exterior Metal Window Guards	1.88	
09 91 13 00-0286	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Metal Window Guards	1.89	
09 91 13 00-0287	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Metal Window Guards	3.14	
09 91 13 00-0288		**Paint Exterior Window Trim** *(09 91 13 00-0220)*		
09 91 13 00-0289	LF	1 Coat Primer, Brush/Roller Work, Paint Exterior Wood Window Frame And Trim	1.73	
09 91 13 00-0290	LF	1 Coat Paint, Brush/Roller Work, Paint Exterior Wood Window Frame And Trim	1.73	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0291	LF	2 Coats Paint, Brush/Roller Work, Paint Exterior Wood Window Frame And Trim	2.84	
09 91 13 00-0292	LF	1 Coat Primer, Brush/Roller Work, Paint Exterior Metal Window Frame And Trim	2.03	
09 91 13 00-0293	LF	1 Coat Paint, Brush/Roller Work, Paint Exterior Metal Window Frame And Trim	2.03	
09 91 13 00-0294	LF	2 Coats Paint, Brush/Roller Work, Paint Exterior Metal WIndow Frame And Trim	3.45	

09 91 13 00-0295 Paint Exterior Roofing And Trim *(09 91 13)*

09 91 13 00-0296 Paint Stain Or Seal Wood Roofing *(09 91 13 00-0295)*

09 91 13 00-0297	SF	1 Coat Paint, Brush/Roller Work, Stain And Seal Shingles/Shake	2.57	
		For Up To 100, Add	*1.24*	
		For >100 To 250, Add	*0.61*	
		For >250 To 500, Add	*0.27*	
09 91 13 00-0298	SF	2 Coats Stain, Brush/Roller Work, Stain And Seal Shingles/Shake	4.74	
		For Up To 100, Add	*2.24*	
		For >100 To 250, Add	*1.11*	
		For >250 To 500, Add	*0.49*	

09 91 13 00-0299 Paint Metal Roofing *(09 91 13 00-0295)*

09 91 13 00-0300	SF	1 Coat Paint, Brush/Roller Work, Paint Metal Roofing	1.15	
		For Up To 100, Add	*0.51*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.11*	
09 91 13 00-0301	SF	2 Coats Paint, Brush/Roller Work, Paint Metal Roofing	2.01	
		For Up To 100, Add	*0.91*	
		For >100 To 250, Add	*0.46*	
		For >250 To 500, Add	*0.20*	

09 91 13 00-0302 Paint Fascia Board *(09 91 13 00-0295)*

09 91 13 00-0303	LF	1 Coat Primer, Brush/Roller Work, Paint Fascia Board	1.05	
		For Up To 100, Add	*0.49*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
09 91 13 00-0304	LF	1 Coat Paint, Brush/Roller Work, Paint Fascia Board	1.05	
		For Up To 100, Add	*0.49*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
09 91 13 00-0305	LF	2 Coats Paint, Brush/Roller Work, Paint Fascia Board	1.84	
		For Up To 100, Add	*0.89*	
		For >100 To 250, Add	*0.44*	
		For >250 To 500, Add	*0.19*	

09 91 13 00-0306 Paint Soffit *(09 91 13 00-0295)*

09 91 13 00-0307	SF	1 Coat Primer, Brush/Roller Work, Paint Soffit	1.27	
		For Up To 100, Add	*0.53*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
09 91 13 00-0308	SF	1 Coat Paint, Brush/Roller Work, Paint Soffit	1.27	
		For Up To 100, Add	*0.53*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
09 91 13 00-0309	SF	2 Coats Paint, Brush/Roller Work, Paint Soffit	2.17	
		For Up To 100, Add	*0.94*	
		For >100 To 250, Add	*0.47*	
		For >250 To 500, Add	*0.21*	

09 91 13 00-0310 Paint Metal Surfaces *(09 91 13)*

Note: Tasks can be used for exterior or interior applications.

09 91 13 00-0311 Paint Structural Steel *(09 91 13 00-0310)*

09 91 13 00-0312 Paint Structural Steel, Brush Work *(09 91 13 00-0311)*

09 91 13 00-0313	SF	1 Field Coat Primer, Brush/Roller Work, Paint Exterior Structural Steel	1.30	
		For Up To 100, Add	*0.80*	
		For >100 To 250, Add	*0.38*	
		For >250 To 500, Add	*0.17*	
		For Epoxy Paint, Add	*0.16*	
09 91 13 00-0314	SF	1 Field Coat Paint, Brush/Roller Work, Paint Exterior Structural Steel	1.15	
		For Up To 100, Add	*0.68*	
		For >100 To 250, Add	*0.33*	
		For >250 To 500, Add	*0.14*	
		For Epoxy Paint, Add	*0.15*	

09 91 13 00-0315 Paint Structural Steel, Spray Work *(09 91 13 00-0311)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0316	SF	1 Field Coat Primer, Sprayed, Paint Exterior Structural Steel	0.93	
		For Electrostatic Painting, Add	*0.14*	
		For Up To 100, Add	*0.52*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
		For Epoxy Paint, Add	*0.14*	
09 91 13 00-0317	SF	1 Field Coat Paint, Sprayed, Paint Exterior Structural Steel	0.78	
		For Electrostatic Painting, Add	*0.12*	
		For Up To 100, Add	*0.41*	
		For >100 To 250, Add	*0.20*	
		For >250 To 500, Add	*0.09*	
		For Epoxy Paint, Add	*0.13*	

09 91 13 00-0318 Paint Metal Decking, Beams And Bar Joist *(09 91 13 00-0311)*

09 91 13 00-0319	SF	1 Coat Primer, Sprayed, Paint Exposed Metal Decking	1.04	
		For Up To 100, Add	*0.60*	
		For >100 To 250, Add	*0.29*	
		For >250 To 500, Add	*0.13*	
		For Epoxy Paint, Add	*0.14*	
09 91 13 00-0320	SF	1 Coat Paint, Sprayed, Paint Exposed Metal Decking	1.04	
		For Up To 100, Add	*0.60*	
		For >100 To 250, Add	*0.29*	
		For >250 To 500, Add	*0.13*	
		For Epoxy Paint, Add	*0.14*	
09 91 13 00-0321	SF	2 Coats Paint, Sprayed, Paint Exposed Metal Decking	1.78	
		For Up To 100, Add	*0.97*	
		For >100 To 250, Add	*0.47*	
		For >250 To 500, Add	*0.21*	
		For Epoxy Paint, Add	*0.27*	
09 91 13 00-0322	SF	1 Coat Primer, Brush/Roller Work, Paint Metal Bearms And Bar Joists	1.60	
		For Up To 100, Add	*0.85*	
		For >100 To 250, Add	*0.41*	
		For >250 To 500, Add	*0.18*	
		For Epoxy Paint, Add	*0.26*	
09 91 13 00-0323	SF	1 Coat Paint, Brush/Roller Work, Paint Metal Beams And Bar Joists	1.54	
		For Up To 100, Add	*0.85*	
		For >100 To 250, Add	*0.41*	
		For >250 To 500, Add	*0.18*	
		For Epoxy Paint, Add	*0.23*	
09 91 13 00-0324	SF	2 Coats Paint, Brush/Roller Work, Paint Metal Beams And Bar Joists	2.93	
		For Up To 100, Add	*1.58*	
		For >100 To 250, Add	*0.77*	
		For >250 To 500, Add	*0.34*	
		For Epoxy Paint, Add	*0.46*	
09 91 13 00-0325	SF	1 Coat Primer, Sprayed, Paint Metal Beams And Bar Joists	1.29	
		For Up To 100, Add	*0.70*	
		For >100 To 250, Add	*0.34*	
		For >250 To 500, Add	*0.15*	
		For Epoxy Paint, Add	*0.20*	
09 91 13 00-0326	SF	1 Coat Paint, Sprayed, Paint Metal Beams And Bar Joists	1.29	
		For Up To 100, Add	*0.70*	
		For >100 To 250, Add	*0.34*	
		For >250 To 500, Add	*0.15*	
		For Epoxy Paint, Add	*0.20*	
09 91 13 00-0327	SF	2 Coats Paint, Sprayed, Paint Metal Beams And Bar Joists	2.23	
		For Up To 100, Add	*1.14*	
		For >100 To 250, Add	*0.56*	
		For >250 To 500, Add	*0.25*	
		For Epoxy Paint, Add	*0.38*	

09 91 13 00-0328 Paint Steel Pipes *(09 91 13 00-0310)*

Note: Includes pipe, tubes, rails, conduit, etc.

09 91 13 00-0329	LF	1 Coat Primer, 1/2" To 1-1/2" Diameter, Paint Conduit Or Steel Pipe	2.12	
		For Electrostatic Painting, Add	*0.28*	
		For Epoxy Paint, Add	*0.24*	
09 91 13 00-0330	LF	1 Coat Primer, 2" To 3-1/2" Diameter, Paint Conduit Or Steel Pipe	2.37	
		For Electrostatic Painting, Add	*0.32*	
		For Epoxy Paint, Add	*0.28*	
09 91 13 00-0331	LF	1 Coat Primer, 4" Diameter, Paint Steel Pipes	2.67	
		For Electrostatic Painting, Add	*0.36*	
		For Epoxy Paint, Add	*0.31*	
09 91 13 00-0332	LF	1 Coat Primer, 6" To 8" Diameter, Paint Steel Pipes	3.34	
		For Electrostatic Painting, Add	*0.44*	
		For Epoxy Paint, Add	*0.39*	
09 91 13 00-0333	LF	1 Coat Primer, 10" To 12" Diameter, Paint Steel Pipes	4.22	
		For Electrostatic Painting, Add	*0.56*	
		For Epoxy Paint, Add	*0.48*	
09 91 13 00-0334	LF	1 Coat Paint, 1/2"To 1-1/2" Diameter, Paint Conduit Or Steel Pipe	2.12	
		For Electrostatic Painting, Add	*0.28*	
		For Epoxy Paint, Add	*0.24*	
09 91 13 00-0335	LF	1 Coat Paint, 2" To 3-1/2" Diameter, Paint Conduit Or Steel Pipe	2.37	
		For Electrostatic Painting, Add	*0.32*	
		For Epoxy Paint, Add	*0.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0336	LF	1 Coat Paint, 4" Diameter, Paint Steel Pipes	2.67	
		For Electrostatic Painting, Add	*0.36*	
		For Epoxy Paint, Add	*0.31*	
09 91 13 00-0337	LF	1 Coat Paint, 6" To 8" Diameter, Paint Steel Pipes	3.34	
		For Electrostatic Painting, Add	*0.44*	
		For Epoxy Paint, Add	*0.39*	
09 91 13 00-0338	LF	1 Coat Paint, 10" To 12" Diameter, Paint Steel Pipes	4.22	
		For Electrostatic Painting, Add	*0.56*	
		For Epoxy Paint, Add	*0.48*	
09 91 13 00-0339	LF	2 Coats Paint, 1/2" To 1-1/2" Diameter, Paint Conduit Or Steel Pipe	4.36	
		For Electrostatic Painting, Add	*0.61*	
		For Epoxy Paint, Add	*0.58*	
09 91 13 00-0340	LF	2 Coats Paint, 2" To 3-1/2" Diameter, Paint Conduit Or Steel Pipe	4.75	
		For Electrostatic Painting, Add	*0.63*	
		For Epoxy Paint, Add	*0.56*	
09 91 13 00-0341	LF	2 Coats Paint, 4" Diameter, Paint Steel Pipes	5.15	
		For Electrostatic Painting, Add	*0.69*	
		For Epoxy Paint, Add	*0.61*	
09 91 13 00-0342	LF	2 Coats Paint, 6" To 8" Diameter, Paint Steel Pipes	6.48	
		For Electrostatic Painting, Add	*0.87*	
		For Epoxy Paint, Add	*0.76*	
09 91 13 00-0343	LF	2 Coats Paint, 10" To 12" Diameter, Paint Steel Pipes	8.00	
		For Electrostatic Painting, Add	*1.08*	
		For Epoxy Paint, Add	*0.96*	
09 91 13 00-0344	EA	1 Coat Paint, Paint Exposed Single Or Double Gang Outlet Box	10.02	
		For Electrostatic Painting, Add	*1.07*	
		For Epoxy Paint, Add	*0.64*	

09 91 13 00-0345 Paint Metal Louvers *(09 91 13 00-0310)*

09 91 13 00-0346	SF	1 Coat Primer, Brush/Roller Work, Paint Ventilation Louver, SF Of Opening Area	1.77	
		For Electrostatic Painting, Add	*0.22*	
09 91 13 00-0347	SF	1 Coat Alkyd Paint, Brush/Roller Work, Paint Ventilation Louver, SF Of Opening Area	1.80	
		For Electrostatic Painting, Add	*0.23*	
09 91 13 00-0348	SF	2 Coats Alkyd Paint, Brush/Roller Work, Paint Ventilation Louver, SF Of Opening Area	3.70	
		For Electrostatic Painting, Add	*0.47*	

09 91 13 00-0349 Paint Ladders *(09 91 13 00-0310)*

09 91 13 00-0350	LF	1 Coat Alkyd Primer, Brush/Roller Work, Paint Ladders	4.72	
		For Epoxy Paint, Add	*0.30*	
09 91 13 00-0351	LF	1 Coat Alkyd Enamel Paint, Brush/Roller Work, Paint Ladders	5.27	
		For Epoxy Paint, Add	*0.33*	
09 91 13 00-0352	LF	2 Coats Alkyd Enamel Paint, Brush/Roller Work, Paint Ladders	10.36	
		For Epoxy Paint, Add	*0.61*	

09 91 13 00-0353 Paint Handrails *(09 91 13 00-0310)*

09 91 13 00-0354	LF	1 Coat Alkyd Primer, Brush/Roller Work, 1 Rail, Paint Hand Rail And Bracket	1.91	
		For Epoxy Paint, Add	*0.16*	
09 91 13 00-0355	LF	1 Coat Alkyd Enamel Paint, Brush/Roller Work, 1 Rail, Paint Hand Rail And Bracket	2.11	
		For Epoxy Paint, Add	*0.17*	
09 91 13 00-0356	LF	2 Coats Alkyd Enamel Paint, Brush/Roller Work, 1 Rail, Paint Hand Rail And Bracket	3.45	
		For Epoxy Paint, Add	*0.24*	
09 91 13 00-0357	LF	1 Coat Alkyd Primer, Brush/Roller Work, 1 Rail, Paint Pipe Rail And Pickets	3.63	
		For Epoxy Paint, Add	*0.50*	
09 91 13 00-0358	LF	1 Coat Alkyd Enamel Paint, Brush/Roller Work, 1 Rail, Paint Pipe Rail And Pickets	3.94	
		For Epoxy Paint, Add	*0.52*	
09 91 13 00-0359	LF	2 Coats Alkyd Enamel Paint, Brush/Roller Work, 1 Rail, Paint Pipe Rail And Pickets	6.71	
		For Epoxy Paint, Add	*0.81*	
09 91 13 00-0360	LF	1 Coat Alkyd Primer, Brush/Roller Work, 2 Rails, Paint Pipe Rail And Pickets	3.88	
		For Epoxy Paint, Add	*0.51*	
09 91 13 00-0361	LF	1 Coat Alkyd Enamel Paint, Brush/Roller Work, 2 Rails, Paint Pipe Rail And Pickets	4.24	
		For Epoxy Paint, Add	*0.53*	
09 91 13 00-0362	LF	2 Coats Alkyd Enamel Paint, Brush/Roller Work, 2 Rails, Paint Pipe Rail And Pickets	7.10	
		For Epoxy Paint, Add	*0.83*	
09 91 13 00-0363	LF	1 Coat Alkyd Primer, Brush/Roller Work, Paint Balustrades	2.16	
		For Epoxy Paint, Add	*0.27*	
09 91 13 00-0364	LF	1 Coat Alkyd Enamel Paint, Brush/Roller Work, Paint Balustrades	2.36	
		For Epoxy Paint, Add	*0.28*	
09 91 13 00-0365	LF	2 Coats Alkyd Enamel Paint, Brush/Roller Work, Paint Balustrades	4.33	
		For Epoxy Paint, Add	*0.53*	

09 91 13 00-0366 Paint Grating *(09 91 13 00-0310)*

09 91 13 00-0367	SF	1 Coat Primer, Brush/Roller Work, Paint Gratings And Frames	3.46	
		For Epoxy Paint, Add	*0.24*	
09 91 13 00-0368	SF	1 Coat Paint, Brush/Roller Work, Paint Gratings And Frames	3.53	
		For Epoxy Paint, Add	*0.27*	
09 91 13 00-0369	SF	2 Coats Paint, Brush/Roller Work, Paint Gratings And Frames	5.32	
		For Epoxy Paint, Add	*0.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0370		Other Site Work Painting *(09 91 13)*		
09 91 13 00-0371		Paint Fencing *(09 91 13 00-0370)*		
		Note: Per side of fence. Based on gross fence area (length of fence x height of fence).		
09 91 13 00-0372	SF	1 Coat Paint, Brush/Roller, Paint Existing Chain Link Fence	1.07	
		For Epoxy Paint, Add	*0.13*	
		For Up To 100, Add	*0.65*	
		For >100 To 250, Add	*0.31*	
		For >250 To 500, Add	*0.13*	
09 91 13 00-0373	SF	2 Coats Paint, Brush/Roller, Paint Existing Chain Link Fence	2.01	
		For Epoxy Paint, Add	*0.26*	
		For Up To 100, Add	*1.19*	
		For >100 To 250, Add	*0.57*	
		For >250 To 500, Add	*0.25*	
09 91 13 00-0374	SF	1 Coat Paint, Sprayed, Paint Existing Chain Link Fence	0.95	
		For Epoxy Paint, Add	*0.15*	
		For Electrostatic Painting, Add	*0.14*	
		For Up To 100, Add	*0.51*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
09 91 13 00-0375	SF	2 Coats Paint, Sprayed, Paint Existing Chain Link Fence	1.78	
		For Epoxy Paint, Add	*0.29*	
		For Electrostatic Painting, Add	*0.28*	
		For Up To 100, Add	*0.94*	
		For >100 To 250, Add	*0.46*	
		For >250 To 500, Add	*0.20*	
09 91 13 00-0376	SF	1 Coat Primer, Brush/Roller, Paint Wrought Iron Fence	1.00	
		For Epoxy Paint, Add	*0.15*	
		For Up To 100, Add	*0.55*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
09 91 13 00-0377	SF	1 Coat Paint, Brush/Roller, Paint Wrought Iron Fence	0.93	
		For Epoxy Paint, Add	*0.12*	
		For Up To 100, Add	*0.54*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.11*	
09 91 13 00-0378	SF	Each Additional Coat, Brush/Roller, Paint Wrought Iron Fence	0.68	
		For Epoxy Paint, Add	*0.11*	
		For Up To 100, Add	*0.35*	
		For >100 To 250, Add	*0.17*	
		For >250 To 500, Add	*0.08*	
09 91 13 00-0379	SF	1 Coat Primer, Brush/Roller, Paint Picket Fence	1.22	
		For Epoxy Paint, Add	*0.11*	
		For Up To 100, Add	*0.82*	
		For >100 To 250, Add	*0.39*	
		For >250 To 500, Add	*0.17*	
09 91 13 00-0380	SF	1 Coat Paint, Brush/Roller, Paint Picket Fence	1.22	
		For Epoxy Paint, Add	*0.11*	
		For Up To 100, Add	*0.82*	
		For >100 To 250, Add	*0.39*	
		For >250 To 500, Add	*0.17*	
09 91 13 00-0381	SF	Each Additional Coat, Brush/Roller, Paint Picket Fence	0.88	
		For Epoxy Paint, Add	*0.09*	
		For Up To 100, Add	*0.56*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
09 91 13 00-0382	SF	1 Coat Paint, Brush/Roller, Paint Wood Fences	0.94	
		For Up To 100, Add	*0.54*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.11*	
09 91 13 00-0383	SF	2 Coats Paint, Brush/Roller, Paint Wood Fences	1.70	
		For Up To 100, Add	*0.95*	
		For >100 To 250, Add	*0.46*	
		For >250 To 500, Add	*0.20*	
09 91 13 00-0384	SF	1 Coat Paint, Sprayed, Paint Wood Fences	0.73	
		For Up To 100, Add	*0.39*	
		For >100 To 250, Add	*0.19*	
		For >250 To 500, Add	*0.08*	
09 91 13 00-0385	SF	2 Coats Paint, Sprayed, Paint Wood Fences	1.39	
		For Up To 100, Add	*0.71*	
		For >100 To 250, Add	*0.35*	
		For >250 To 500, Add	*0.15*	
09 91 13 00-0386		Paint Shutters Or Blinds, Solid Panel *(09 91 13 00-0370)*		
09 91 13 00-0387	SF	1 Coat Primer, Brush Work, Paint Shutter Or Blinds, Solid Panel	3.75	
09 91 13 00-0388	SF	1 Coat Paint, Brush Work, Paint Shutter Or Blinds, Solid Panel	3.76	
09 91 13 00-0389	SF	2 Coats Paint, Brush Work, Paint Shutter Or Blinds, Solid Panel	6.68	
09 91 13 00-0390	SF	1 Coat Primer, Sprayed, Paint Shutter Or Blinds, Solid Panel	2.24	
09 91 13 00-0391	SF	1 Coat Paint, Sprayed, Paint Shutter Or Blinds, Solid Panel	2.26	
09 91 13 00-0392	SF	2 Coats Paint, Sprayed, Paint Shutter Or Blinds, Solid Panel	4.20	
09 91 13 00-0393		Paint Shutters Or Blinds, Louvered Panel *(09 91 13 00-0370)*		
09 91 13 00-0394	SF	1 Coat Primer, Brush Work, Paint Shutter Or Blinds, Louvered Panel	4.62	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0395	SF	1 Coat Paint, Brush Work, Paint Shutter Or Blinds, Louvered Panel	4.63	
09 91 13 00-0396	SF	2 Coats Paint, Brush Work, Paint Shutter Or Blinds, Louvered Panel	8.23	
09 91 13 00-0397	SF	1 Coat Primer, Sprayed, Paint Shutter Or Blinds, Louvered Panel	2.71	
09 91 13 00-0398	SF	1 Coat Paint, Sprayed, Paint Shutter Or Blinds, Louvered Panel	2.73	
09 91 13 00-0399	SF	2 Coats Paint, Sprayed, Paint Shutter Or Blinds, Louvered Panel	5.05	

09 91 13 00-0400 Paint Flagpoles *(09 91 13 00-0370)*

09 91 13 00-0401	EA	1 Coat Paint, 20' High, Paint Steel Flagpole	254.76	
09 91 13 00-0402	EA	1 Coat Paint, 30' High, Paint Steel Flagpole	344.29	
09 91 13 00-0403	EA	1 Coat Paint, 40' High, Paint Steel Flagpole	433.87	
09 91 13 00-0404	EA	1 Coat Paint, 50' High, Paint Steel Flagpole	523.46	
09 91 13 00-0405	EA	1 Coat Paint, 70' High, Paint Steel Flagpole	686.32	
09 91 13 00-0406	EA	1 Coat Paint, 80' High, Paint Steel Flagpole	773.87	
09 91 13 00-0407	EA	1 Coat Paint, 90' High, Paint Steel Flagpole	861.42	

09 91 13 00-0408 Paint Lattice Or Trellis *(09 91 13 00-0370)*

09 91 13 00-0409	SF	1 Coat Paint, Sprayed, Per Side, Paint Wood Lattice Or Trellis	1.75	
		For Up To 100, Add	*1.15*	
		For >100 To 250, Add	*0.55*	
		For >250 To 500, Add	*0.24*	
09 91 13 00-0410	SF	2 Coats Paint, Sprayed, Per Side, Paint Wood Lattice Or Trellis	3.27	
		For Up To 100, Add	*2.12*	
		For >100 To 250, Add	*1.01*	
		For >250 To 500, Add	*0.44*	

09 91 13 00-0411 Paint Exterior Stairs *(09 91 13)*

09 91 13 00-0412 Paint Exterior Concrete Stairs *(09 91 13 00-0411)*

09 91 13 00-0413	RSR	1 Coat Primer, Brush/Roller Work, Paint Exterior Concrete Stair (To 4' Wide)	20.52	
09 91 13 00-0414	RSR	1 Coat Alkyd Enamel Paint, Brush/Roller Work, Paint Exterior Concrete Stair (To 4' Wide)	20.52	
09 91 13 00-0415	RSR	1 Coat Non-Slip Paint, Brush/Roller Work, Paint Exterior Concrete Stair (To 4' Wide)	26.43	
09 91 13 00-0416	RSR	1 Coat Non-Slip Epoxy Paint, Brush/Roller Work, Paint Exterior Concrete Stair (To 4' Wide)	43.87	
09 91 13 00-0417	RSR	2 Coats Alkyd Enamel Paint, Brush/Roller Work, Paint Exterior Concrete Stair (To 4' Wide)	41.05	

09 91 13 00-0418 Paint Exterior Metal Stairs *(09 91 13 00-0411)*

09 91 13 00-0419	RSR	1 Coat Primer, Brush/Roller Work, Paint Exterior Metal Stair (To 4' Wide)	10.92	
		For Oil Based Paint, Add	*0.60*	
09 91 13 00-0420	RSR	1 Coat Alkyd Enamel Paint, Brush/Roller Work, Paint Exterior Metal Stair (To 4' Wide)	10.92	
		For Oil Based Paint, Add	*0.60*	
09 91 13 00-0421	RSR	2 Coats Alkyd Enamel Paint, Brush/Roller Work, Paint Exterior Metal Stair (To 4' Wide)	21.84	
		For Oil Based Paint, Add	*1.21*	

09 91 13 00-0422 Paint Exterior Wood Stairs *(09 91 13 00-0411)*

09 91 13 00-0423	RSR	1 Coat Primer, Brush/Roller Work, Paint Exterior Wood Stair (To 4' Wide)	10.73	
09 91 13 00-0424	RSR	1 Coat Alkyd Enamel Paint, Brush/Roller Work, Paint Exterior Wood Stair (To 4' Wide)	10.73	
09 91 13 00-0425	RSR	1 Coat Non-Slip Paint, Brush/Roller Work, Paint Exterior Wood Stair (To 4' Wide)	16.64	
09 91 13 00-0426	RSR	1 Coat Non-Slip Epoxy Paint, Brush/Roller Work, Paint Exterior Wood Stair (To 4' Wide)	34.08	
09 91 13 00-0427	RSR	2 Coats Alkyd Enamel Paint, Brush/Roller Work, Paint Exterior Wood Stair (To 4' Wide)	21.46	

09 91 13 00-0428 Paint Exterior Stair Nosing *(09 91 13 00-0411)*

09 91 13 00-0429	LF	1 Coat Paint, Up To 2", Non-Slip, Brush Work, Paint Exterior Yellow Stair Safety Strip	2.00	

09 91 13 00-0430 Paint Exterior Trim *(09 91 13)*

09 91 13 00-0431 Paint Exterior Metal Trim And Gutters *(09 91 13 00-0430)*

09 91 13 00-0432	SF	1 Coat Primer, Brush Work, Paint Exterior Exposed Metal Trim	1.45	
		For Work >15' To 20' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.29*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.46*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.63*	
		Note: Applied only to work area above 40'.		
09 91 13 00-0433	SF	1 Coat Paint, Brush Work, Paint Exterior Exposed Metal Trim	1.58	
		For Work >15' To 20' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.51*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.70*	
		Note: Applied only to work area above 40'.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0434	SF	2 Coats Paint, Brush Work, Paint Exterior Exposed Metal Trim	2.85	
		For Work >15' To 20' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.57*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.90*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*1.24*	
		Note: Applied only to work area above 40'.		
09 91 13 00-0435	SF	1 Coat Primer, Brush/Roller Work, Paint Exterior Exposed Metal Trim	1.32	
		For Work >15' To 20' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.41*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.56*	
		Note: Applied only to work area above 40'.		
09 91 13 00-0436	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Exposed Metal Trim	1.44	
		For Work >15' To 20' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.29*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.46*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.63*	
		Note: Applied only to work area above 40'.		
09 91 13 00-0437	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Exposed Metal Trim	2.57	
		For Work >15' To 20' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.50*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.79*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*1.09*	
		Note: Applied only to work area above 40'.		
09 91 13 00-0438	LF	1 Coat Paint, Brush Work, Paint Exterior Gutter And Downspout	2.27	
		For Work >15' To 20' Above Floor, Add	*0.28*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.47*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.75*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*1.03*	
		Note: Applied only to work area above 40'.		
09 91 13 00-0439	LF	2 Coats Paint, Brush Work, Paint Exterior Gutter And Downspout	2.79	
		For Work >15' To 20' Above Floor, Add	*0.41*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.68*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*1.09*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*1.50*	
		Note: Applied only to work area above 40'.		
09 91 13 00-0440		**Paint Exterior Wood Trim** *(09 91 13 00-0430)*		
09 91 13 00-0441	SF	1 Coat Primer, Brush Work, Paint Exterior Wood Trim	2.07	
		For Oil Based Paint, Add	*0.13*	
		For Work >15' To 20' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.40*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.63*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.87*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.26*	
		For >100 To 250, Add	*0.60*	
		For >250 To 500, Add	*0.26*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.21*	
		For >10,000 To 20,000, Deduct	*-0.31*	
		For >20,000, Deduct	*-0.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0442	SF	1 Coat Paint, Brush Work, Paint Exterior Wood Trim	2.26	
		For Oil Based Paint, Add	*0.14*	
		For Work >15' To 20' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.43*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.68*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.94*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.37*	
		For >100 To 250, Add	*0.65*	
		For >250 To 500, Add	*0.28*	
		For >2,500 To 5,000, Deduct	*-0.11*	
		For >5,000 To 10,000, Deduct	*-0.23*	
		For >10,000 To 20,000, Deduct	*-0.34*	
		For >20,000, Deduct	*-0.45*	
09 91 13 00-0443	SF	2 Coats Paint, Brush Work, Paint Exterior Wood Trim	4.12	
		For Oil Based Paint, Add	*0.26*	
		For Work >15' To 20' Above Floor, Add	*0.45*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.76*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*1.21*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*1.67*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*2.44*	
		For >100 To 250, Add	*1.17*	
		For >250 To 500, Add	*0.51*	
		For >2,500 To 5,000, Deduct	*-0.21*	
		For >5,000 To 10,000, Deduct	*-0.41*	
		For >10,000 To 20,000, Deduct	*-0.62*	
		For >20,000, Deduct	*-0.82*	
09 91 13 00-0444	SF	1 Coat Primer, Brush/Roller Work, Paint Exterior Wood Trim	1.67	
		For Oil Based Paint, Add	*0.11*	
		For Work >15' To 20' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.47*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.65*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.96*	
		For >100 To 250, Add	*0.46*	
		For >250 To 500, Add	*0.20*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.17*	
		For >10,000 To 20,000, Deduct	*-0.25*	
		For >20,000, Deduct	*-0.33*	
09 91 13 00-0445	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Wood Trim	1.87	
		For Oil Based Paint, Add	*0.12*	
		For Work >15' To 20' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.33*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.53*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.73*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.07*	
		For >100 To 250, Add	*0.52*	
		For >250 To 500, Add	*0.23*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.19*	
		For >10,000 To 20,000, Deduct	*-0.28*	
		For >20,000, Deduct	*-0.37*	
09 91 13 00-0446	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Wood Trim	3.48	
		For Oil Based Paint, Add	*0.23*	
		For Work >15' To 20' Above Floor, Add	*0.36*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.60*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.96*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*1.31*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.96*	
		For >100 To 250, Add	*0.95*	
		For >250 To 500, Add	*0.41*	
		For >2,500 To 5,000, Deduct	*-0.17*	
		For >5,000 To 10,000, Deduct	*-0.35*	
		For >10,000 To 20,000, Deduct	*-0.52*	
		For >20,000, Deduct	*-0.70*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0447	SF	1 Coat Primer, Sprayed, Paint Exterior Wood Trim	1.37	
		For Oil Based Paint, Add	*0.10*	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.31*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.42*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.67*	
		For >100 To 250, Add	*0.33*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.14*	
		For >10,000 To 20,000, Deduct	*-0.21*	
		For >20,000, Deduct	*-0.27*	
09 91 13 00-0448	SF	1 Coat Paint, Sprayed, Paint Exterior Wood Trim	1.53	
		For Oil Based Paint, Add	*0.11*	
		For Work >15' To 20' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.37*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.51*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.79*	
		For >100 To 250, Add	*0.39*	
		For >250 To 500, Add	*0.17*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.15*	
		For >10,000 To 20,000, Deduct	*-0.23*	
		For >20,000, Deduct	*-0.31*	
09 91 13 00-0449	SF	2 Coats Paint, Sprayed, Paint Exterior Wood Trim	2.89	
		For Oil Based Paint, Add	*0.20*	
		For Work >15' To 20' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.42*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.68*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.93*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.45*	
		For >100 To 250, Add	*0.71*	
		For >250 To 500, Add	*0.31*	
		For >2,500 To 5,000, Deduct	*-0.14*	
		For >5,000 To 10,000, Deduct	*-0.29*	
		For >10,000 To 20,000, Deduct	*-0.43*	
		For >20,000, Deduct	*-0.58*	

09 91 13 00-0450 Paint Exterior Miscellaneous Metal Surfaces *(09 91 13)*

09 91 13 00-0451	SF	1 Coat Alkyd Anticorrosive Metal Primer, Brush/Roller Work, Paint Exterior Miscellaneous Metal Surfaces	1.75	
		For Epoxy Paint, Add	*0.23*	
		For Electrostatic Painting, Add	*0.24*	
09 91 13 00-0452	SF	1 Coat Alkyd Enamel Paint, Brush/Roller Work, Paint Exterior Miscellaneous Metal Surfaces	1.59	
		For Epoxy Paint, Add	*0.17*	
		For Electrostatic Painting, Add	*0.20*	
09 91 13 00-0453	SF	2 Coats Alkyd Enamel Paint, Brush/Roller Work, Paint Exterior Miscellaneous Metal Surfaces	3.24	
		For Epoxy Paint, Add	*0.36*	
		For Electrostatic Painting, Add	*0.42*	

09 91 23 Interior Painting *(09 91)*

Note: Acrylic latex paint unless otherwise stated. VOC compliant in all regulated areas, review specifications for levels. Paint tasks covers all paint sheens: flat, eggshell, satin, semi-gloss, or gloss. See CSI section 09 91 13 00-0310 for additional interior materials.

09 91 23 00-0001 Paint Interior Walls *(09 91 23)*

09 91 23 00-0002 Paint Interior Brick Walls *(09 91 23 00-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0003	SF	1 Coat Filler, Brush Work, Paint Interior Brick Walls	1.36	
		For Oil Based Paint, Add	*0.08*	
		For Textured Paint, Add	*0.10*	
		For Work >15' To 20' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.41*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.57*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.82*	
		For >100 To 250, Add	*0.39*	
		For >250 To 500, Add	*0.17*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.14*	
		For >10,000 To 20,000, Deduct	*-0.20*	
		For >20,000, Deduct	*-0.27*	
09 91 23 00-0004	SF	1 Coat Paint, Brush Work, Paint Interior Brick Walls	1.57	
		For Oil Based Paint, Add	*0.10*	
		For Textured Paint, Add	*0.12*	
		For Work >15' To 20' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.48*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.65*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.95*	
		For >100 To 250, Add	*0.45*	
		For >250 To 500, Add	*0.20*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.16*	
		For >10,000 To 20,000, Deduct	*-0.24*	
		For >20,000, Deduct	*-0.31*	
09 91 23 00-0005	SF	2 Coat Paint, Brush Work, Paint Interior Brick Walls	2.84	
		For Oil Based Paint, Add	*0.18*	
		For Textured Paint, Add	*0.22*	
		For Work >15' To 20' Above Floor, Add	*0.31*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.52*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.83*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*1.14*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.67*	
		For >100 To 250, Add	*0.80*	
		For >250 To 500, Add	*0.35*	
		For >2,500 To 5,000, Deduct	*-0.14*	
		For >5,000 To 10,000, Deduct	*-0.28*	
		For >10,000 To 20,000, Deduct	*-0.43*	
		For >20,000, Deduct	*-0.57*	
09 91 23 00-0006	SF	1 Coat Filler, Brush/Roller Work, Paint Interior Brick Walls	1.13	
		For Oil Based Paint, Add	*0.07*	
		For Textured Paint, Add	*0.09*	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.44*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.65*	
		For >100 To 250, Add	*0.31*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0007	SF	1 Coat Paint, Brush/Roller Work, Paint Interior Brick Walls	1.42	
		For Oil Based Paint, Add	*0.10*	
		For Textured Paint, Add	*0.12*	
		For Work >15' To 20' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.37*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.51*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.77*	
		For >100 To 250, Add	*0.37*	
		For >250 To 500, Add	*0.16*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.14*	
		For >10,000 To 20,000, Deduct	*-0.21*	
		For >20,000, Deduct	*-0.28*	
09 91 23 00-0008	SF	2 Coats Paint, Brush/Roller Work, Paint Interior Brick Walls	2.47	
		For Oil Based Paint, Add	*0.17*	
		For Textured Paint, Add	*0.21*	
		For Work >15' To 20' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.40*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.64*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.87*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.32*	
		For >100 To 250, Add	*0.64*	
		For >250 To 500, Add	*0.28*	
		For >2,500 To 5,000, Deduct	*-0.12*	
		For >5,000 To 10,000, Deduct	*-0.25*	
		For >10,000 To 20,000, Deduct	*-0.37*	
		For >20,000, Deduct	*-0.49*	
09 91 23 00-0009	SF	1 Coat Filler, Sprayed, Paint Interior Brick Walls	1.00	
		For Oil Based Paint, Add	*0.07*	
		For Textured Paint, Add	*0.09*	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.52*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	
09 91 23 00-0010	SF	1 Coat Paint, Sprayed, Paint Interior Brick Walls	1.16	
		For Oil Based Paint, Add	*0.09*	
		For Textured Paint, Add	*0.11*	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.54*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0011	SF	2 Coats Paint, Sprayed, Paint Interior Brick Walls	1.97	
		For Oil Based Paint, Add	*0.15*	
		For Textured Paint, Add	*0.19*	
		For Work >15' To 20' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.42*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.57*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.92*	
		For >100 To 250, Add	*0.46*	
		For >250 To 500, Add	*0.20*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.20*	
		For >10,000 To 20,000, Deduct	*-0.30*	
		For >20,000, Deduct	*-0.39*	
09 91 23 00-0012	SF	1 Coat Bonding Agent, Brush Work, Paint Interior Brick Walls	1.42	
		For Textured Paint, Add	*0.11*	
		For Work >15' To 20' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.41*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.57*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.83*	
		For >100 To 250, Add	*0.40*	
		For >250 To 500, Add	*0.17*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.14*	
		For >10,000 To 20,000, Deduct	*-0.21*	
		For >20,000, Deduct	*-0.28*	
09 91 23 00-0013	SF	1 Coat Bonding Agent, Brush/Roller Work, Paint Interior Brick Walls	1.19	
		For Textured Paint, Add	*0.10*	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.44*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.66*	
		For >100 To 250, Add	*0.32*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.18*	
		For >20,000, Deduct	*-0.24*	
09 91 23 00-0014	SF	1 Coat Bonding Agent, Sprayed, Paint Interior Brick Walls	1.07	
		For Textured Paint, Add	*0.10*	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.53*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.21*	

09 91 23 00-0015 Paint Interior Concrete Walls *(09 91 23 00-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0016	SF	1 Coat Filler, Brush Work, Paint Interior Concrete Walls	1.15	
		For Oil Based Paint, Add	*0.07*	
		For Epoxy Paint, Add	*0.14*	
		For Textured Paint, Add	*0.08*	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.35*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.48*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.70*	
		For >100 To 250, Add	*0.34*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.23*	
09 91 23 00-0017	SF	1 Coat Paint, Brush Work, Paint Interior Concrete Walls	1.23	
		For Oil Based Paint, Add	*0.07*	
		For Epoxy Paint, Add	*0.13*	
		For Textured Paint, Add	*0.08*	
		For Work >15' To 20' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.40*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.56*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.79*	
		For >100 To 250, Add	*0.38*	
		For >250 To 500, Add	*0.16*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.18*	
		For >20,000, Deduct	*-0.25*	
09 91 23 00-0018	SF	2 Coats Paint, Brush Work, Paint Interior Concrete Walls	2.14	
		For Oil Based Paint, Add	*0.12*	
		For Epoxy Paint, Add	*0.18*	
		For Textured Paint, Add	*0.13*	
		For Work >15' To 20' Above Floor, Add	*0.29*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.48*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.76*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*1.05*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.46*	
		For >100 To 250, Add	*0.69*	
		For >250 To 500, Add	*0.30*	
		For >2,500 To 5,000, Deduct	*-0.11*	
		For >5,000 To 10,000, Deduct	*-0.21*	
		For >10,000 To 20,000, Deduct	*-0.32*	
		For >20,000, Deduct	*-0.43*	
09 91 23 00-0019	SF	1 Coat Filler, Brush/Roller Work, Paint Interior Concrete Walls	0.95	
		For Oil Based Paint, Add	*0.06*	
		For Epoxy Paint, Add	*0.13*	
		For Textured Paint, Add	*0.07*	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.37*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.55*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0020	SF	1 Coat Paint, Brush/Roller Work, Paint Interior Concrete Walls	1.05	
		For Oil Based Paint, Add	*0.06*	
		For Epoxy Paint, Add	*0.12*	
		For Textured Paint, Add	*0.07*	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.33*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.46*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.66*	
		For >100 To 250, Add	*0.31*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.21*	
09 91 23 00-0021	SF	2 Coats Paint, Brush/Roller Work, Paint Interior Concrete Walls	1.93	
		For Oil Based Paint, Add	*0.12*	
		For Epoxy Paint, Add	*0.23*	
		For Textured Paint, Add	*0.14*	
		For Work >15' To 20' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.37*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.60*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.82*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.18*	
		For >100 To 250, Add	*0.57*	
		For >250 To 500, Add	*0.25*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.19*	
		For >10,000 To 20,000, Deduct	*-0.29*	
		For >20,000, Deduct	*-0.39*	
09 91 23 00-0022	SF	1 Coat Filler, Sprayed, Paint Interior Concrete Walls	0.81	
		For Oil Based Paint, Add	*0.06*	
		For Epoxy Paint, Add	*0.14*	
		For Textured Paint, Add	*0.07*	
		For Work >15' To 20' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.41*	
		For >100 To 250, Add	*0.20*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	
09 91 23 00-0023	SF	1 Coat Paint, Sprayed, Paint Interior Concrete Walls	0.89	
		For Oil Based Paint, Add	*0.06*	
		For Epoxy Paint, Add	*0.13*	
		For Textured Paint, Add	*0.07*	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.51*	
		For >100 To 250, Add	*0.24*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0024	SF	2 Coats Paint, Sprayed, Paint Interior Concrete Walls	1.47	
		For Oil Based Paint, Add	*0.10*	
		For Epoxy Paint, Add	*0.24*	
		For Textured Paint, Add	*0.13*	
		For Work >15' To 20' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.37*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.51*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.77*	
		For >100 To 250, Add	*0.38*	
		For >250 To 500, Add	*0.17*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.15*	
		For >10,000 To 20,000, Deduct	*-0.22*	
		For >20,000, Deduct	*-0.29*	
09 91 23 00-0025	SF	1 Coat Bonding Agent, Brush Work, Paint Interior Concrete Walls	1.20	
		For Textured Paint, Add	*0.09*	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.35*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.48*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.71*	
		For >100 To 250, Add	*0.34*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.18*	
		For >20,000, Deduct	*-0.24*	
09 91 23 00-0026	SF	1 Coat Bonding Agent, Brush/Roller Work, Paint Interior Concrete Walls	1.00	
		For Textured Paint, Add	*0.08*	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.37*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.56*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	
09 91 23 00-0027	SF	1 Coat Bonding Agent, Sprayed, Paint Interior Concrete Walls	0.87	
		For Textured Paint, Add	*0.08*	
		For Work >15' To 20' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.42*	
		For >100 To 250, Add	*0.21*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.17*	

09 91 23 00-0028 Paint Interior Concrete Block Walls *(09 91 23 00-0001)*

09 91 23 00-0029 Paint Interior Concrete Block Walls, Epoxy Paint *(09 91 23 00-0028)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0030	SF	1 Coat Epoxy Filler, Brush Work, Paint Interior Concrete Block Walls	1.64	
		For Textured Paint, Add	*0.13*	
		For Work >15' To 20' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.29*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.46*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.63*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.94*	
		For >100 To 250, Add	*0.45*	
		For >250 To 500, Add	*0.20*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.16*	
		For >10,000 To 20,000, Deduct	*-0.25*	
		For >20,000, Deduct	*-0.33*	
09 91 23 00-0031	SF	1 Coat Epoxy Paint, Brush Work, Paint Interior Concrete Block Walls	1.87	
		For Textured Paint, Add	*0.14*	
		For Work >15' To 20' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.35*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.55*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.76*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.11*	
		For >100 To 250, Add	*0.53*	
		For >250 To 500, Add	*0.23*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.19*	
		For >10,000 To 20,000, Deduct	*-0.28*	
		For >20,000, Deduct	*-0.37*	
09 91 23 00-0032	SF	2 Coats Epoxy Paint, Brush Work, Paint Interior Concrete Block Walls	3.37	
		For Textured Paint, Add	*0.27*	
		For Work >15' To 20' Above Floor, Add	*0.36*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.60*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.96*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*1.31*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.94*	
		For >100 To 250, Add	*0.93*	
		For >250 To 500, Add	*0.41*	
		For >2,500 To 5,000, Deduct	*-0.17*	
		For >5,000 To 10,000, Deduct	*-0.34*	
		For >10,000 To 20,000, Deduct	*-0.51*	
		For >20,000, Deduct	*-0.67*	
09 91 23 00-0033	SF	1 Coat Epoxy Filler, Brush/Roller Work, Paint Interior Concrete Block Walls	1.37	
		For Textured Paint, Add	*0.12*	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.35*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.48*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.73*	
		For >100 To 250, Add	*0.36*	
		For >250 To 500, Add	*0.16*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.14*	
		For >10,000 To 20,000, Deduct	*-0.21*	
		For >20,000, Deduct	*-0.27*	
09 91 23 00-0034	SF	1 Coat Epoxy Paint, Brush/Roller Work, Paint Interior Concrete Block Walls	1.50	
		For Textured Paint, Add	*0.12*	
		For Work >15' To 20' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.40*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.56*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.83*	
		For >100 To 250, Add	*0.40*	
		For >250 To 500, Add	*0.18*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.15*	
		For >10,000 To 20,000, Deduct	*-0.23*	
		For >20,000, Deduct	*-0.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0035	SF	2 Coats Epoxy Paint, Brush/Roller Work, Paint Interior Concrete Block Walls	2.84	
		For Textured Paint, Add	*0.24*	
		For Work >15' To 20' Above Floor, Add	*0.28*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.47*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.74*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*1.02*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.54*	
		For >100 To 250, Add	*0.75*	
		For >250 To 500, Add	*0.33*	
		For >2,500 To 5,000, Deduct	*-0.14*	
		For >5,000 To 10,000, Deduct	*-0.28*	
		For >10,000 To 20,000, Deduct	*-0.43*	
		For >20,000, Deduct	*-0.57*	
09 91 23 00-0036	SF	1 Coat Epoxy Filler, Sprayed, Paint Interior Concrete Block Walls	1.15	
		For Textured Paint, Add	*0.12*	
		For Work >15' To 20' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.50*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.23*	
09 91 23 00-0037	SF	1 Coat Epoxy Paint, Sprayed, Paint Interior Concrete Block Walls	1.36	
		For Textured Paint, Add	*0.13*	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.42*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.66*	
		For >100 To 250, Add	*0.33*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.14*	
		For >10,000 To 20,000, Deduct	*-0.20*	
		For >20,000, Deduct	*-0.27*	
09 91 23 00-0038	SF	2 Coats Epoxy Paint, Sprayed, Paint Interior Concrete Block Walls	2.54	
		For Textured Paint, Add	*0.25*	
		For Work >15' To 20' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.51*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.70*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.15*	
		For >100 To 250, Add	*0.57*	
		For >250 To 500, Add	*0.26*	
		For >2,500 To 5,000, Deduct	*-0.13*	
		For >5,000 To 10,000, Deduct	*-0.25*	
		For >10,000 To 20,000, Deduct	*-0.38*	
		For >20,000, Deduct	*-0.51*	

09 91 23 00-0039 Paint Interior Concrete Block Walls, Acrylic Latex Paint *(09 91 23 00-0028)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0040	SF	1 Coat Filler, Brush Work, Paint Interior Concrete Block Walls	1.48	
		For Oil Based Paint, Add	*0.09*	
		For Textured Paint, Add	*0.11*	
		For Work >15' To 20' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.29*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.46*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.63*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.91*	
		For >100 To 250, Add	*0.44*	
		For >250 To 500, Add	*0.19*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.15*	
		For >10,000 To 20,000, Deduct	*-0.22*	
		For >20,000, Deduct	*-0.30*	
09 91 23 00-0041	SF	1 Coat Paint, Brush Work, Paint Interior Concrete Block Walls	1.77	
		For Oil Based Paint, Add	*0.11*	
		For Textured Paint, Add	*0.13*	
		For Work >15' To 20' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.33*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.53*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.73*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.06*	
		For >100 To 250, Add	*0.51*	
		For >250 To 500, Add	*0.22*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.18*	
		For >10,000 To 20,000, Deduct	*-0.27*	
		For >20,000, Deduct	*-0.35*	
09 91 23 00-0042	SF	2 Coats Paint, Brush Work, Paint Interior Concrete Block Walls	3.24	
		For Oil Based Paint, Add	*0.21*	
		For Textured Paint, Add	*0.25*	
		For Work >15' To 20' Above Floor, Add	*0.35*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.59*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.94*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*1.30*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.90*	
		For >100 To 250, Add	*0.91*	
		For >250 To 500, Add	*0.40*	
		For >2,500 To 5,000, Deduct	*-0.16*	
		For >5,000 To 10,000, Deduct	*-0.32*	
		For >10,000 To 20,000, Deduct	*-0.49*	
		For >20,000, Deduct	*-0.65*	
09 91 23 00-0043	SF	1 Coat Texture Paint, Brush Work, Paint Interior Concrete Block Walls	1.97	
		For Oil Based Paint, Add	*0.12*	
		For Textured Paint, Add	*0.15*	
		For Work >15' To 20' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.37*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.59*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.81*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.18*	
		For >100 To 250, Add	*0.57*	
		For >250 To 500, Add	*0.25*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.20*	
		For >10,000 To 20,000, Deduct	*-0.30*	
		For >20,000, Deduct	*-0.39*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0044	SF	1 Coat Filler, Brush/Roller Work, Paint Interior Concrete Block Walls	1.27	
		For Oil Based Paint, Add	*0.08*	
		For Textured Paint, Add	*0.10*	
		For Work >15' To 20' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.38*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.52*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.75*	
		For >100 To 250, Add	*0.36*	
		For >250 To 500, Add	*0.16*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.19*	
		For >20,000, Deduct	*-0.25*	
09 91 23 00-0045	SF	1 Coat Paint, Brush/Roller Work, Paint Interior Concrete Block Walls	1.52	
		For Oil Based Paint, Add	*0.10*	
		For Textured Paint, Add	*0.12*	
		For Work >15' To 20' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.43*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.59*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.88*	
		For >100 To 250, Add	*0.42*	
		For >250 To 500, Add	*0.18*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.15*	
		For >10,000 To 20,000, Deduct	*-0.23*	
		For >20,000, Deduct	*-0.30*	
09 91 23 00-0046	SF	2 Coats Paint, Brush/Roller Work, Paint Interior Concrete Block Walls	2.74	
		For Oil Based Paint, Add	*0.18*	
		For Textured Paint, Add	*0.23*	
		For Work >15' To 20' Above Floor, Add	*0.28*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.47*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.74*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*1.02*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.53*	
		For >100 To 250, Add	*0.74*	
		For >250 To 500, Add	*0.32*	
		For >2,500 To 5,000, Deduct	*-0.14*	
		For >5,000 To 10,000, Deduct	*-0.27*	
		For >10,000 To 20,000, Deduct	*-0.41*	
		For >20,000, Deduct	*-0.55*	
09 91 23 00-0047	SF	1 Coat Texture Paint, Brush/Roller Work, Paint Interior Concrete Block Walls	1.69	
		For Oil Based Paint, Add	*0.11*	
		For Textured Paint, Add	*0.13*	
		For Work >15' To 20' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.48*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.66*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.97*	
		For >100 To 250, Add	*0.47*	
		For >250 To 500, Add	*0.20*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.17*	
		For >10,000 To 20,000, Deduct	*-0.25*	
		For >20,000, Deduct	*-0.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0048	SF	1 Coat Filler, Sprayed, Paint Interior Concrete Block Walls	1.14	
		For Oil Based Paint, Add	*0.08*	
		For Textured Paint, Add	*0.10*	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.28*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.39*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.59*	
		For >100 To 250, Add	*0.29*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.23*	
09 91 23 00-0049	SF	1 Coat Paint, Sprayed, Paint Interior Concrete Block Walls	1.31	
		For Oil Based Paint, Add	*0.09*	
		For Textured Paint, Add	*0.12*	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.42*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.65*	
		For >100 To 250, Add	*0.32*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.20*	
		For >20,000, Deduct	*-0.26*	
09 91 23 00-0050	SF	2 Coats Paint, Sprayed, Paint Interior Concrete Block Walls	2.20	
		For Oil Based Paint, Add	*0.16*	
		For Textured Paint, Add	*0.21*	
		For Work >15' To 20' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.29*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.46*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.64*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.03*	
		For >100 To 250, Add	*0.51*	
		For >250 To 500, Add	*0.23*	
		For >2,500 To 5,000, Deduct	*-0.11*	
		For >5,000 To 10,000, Deduct	*-0.22*	
		For >10,000 To 20,000, Deduct	*-0.33*	
		For >20,000, Deduct	*-0.44*	
09 91 23 00-0051	SF	1 Coat Texture Paint, Sprayed, Paint Interior Concrete Block Walls	1.54	
		For Oil Based Paint, Add	*0.11*	
		For Textured Paint, Add	*0.14*	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.35*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.48*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.76*	
		For >100 To 250, Add	*0.37*	
		For >250 To 500, Add	*0.17*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.15*	
		For >10,000 To 20,000, Deduct	*-0.23*	
		For >20,000, Deduct	*-0.31*	

09 91 23 00-0052 Paint Interior Concrete Block Walls With Bonding Agent *(09 91 23 00-0028)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0053	SF	1 Coat Bonding Agent, Brush Work, Paint Interior Concrete Block Walls	1.54	
		For Textured Paint, Add	*0.12*	
		For Work >15' To 20' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.29*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.46*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.63*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.92*	
		For >100 To 250, Add	*0.44*	
		For >250 To 500, Add	*0.19*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.15*	
		For >10,000 To 20,000, Deduct	*-0.23*	
		For >20,000, Deduct	*-0.31*	
09 91 23 00-0054	SF	1 Coat Bonding Agent, Brush/Roller Work, Paint Interior Concrete Block Walls	1.33	
		For Textured Paint, Add	*0.11*	
		For Work >15' To 20' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.38*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.52*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.76*	
		For >100 To 250, Add	*0.37*	
		For >250 To 500, Add	*0.16*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.20*	
		For >20,000, Deduct	*-0.27*	
09 91 23 00-0055	SF	1 Coat Bonding Agent, Sprayed, Paint Interior Concrete Block Walls	1.22	
		For Textured Paint, Add	*0.11*	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.28*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.39*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.60*	
		For >100 To 250, Add	*0.30*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.18*	
		For >20,000, Deduct	*-0.24*	

09 91 23 00-0056 Paint Interior Plaster/Drywall Walls *(09 91 23 00-0001)*

09 91 23 00-0057 Paint Interior Plaster/Drywall Walls *(09 91 23 00-0056)*

09 91 23 00-0058	SF	1 Coat Primer, Brush Work, Paint Iinterior Plaster/Drywall Walls	1.20	
		For Oil Based Paint, Add	*0.07*	
		For Orange Peel Finish, Add	*0.16*	
		For Epoxy Paint, Add	*0.14*	
		For Textured Paint, Add	*0.09*	
		For Work >15' To 20' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.37*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.51*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.74*	
		For >100 To 250, Add	*0.35*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.18*	
		For >20,000, Deduct	*-0.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0059	SF	1 Coat Paint, Brush Work, Paint Interior Plaster/Drywall Walls	1.25	
		For Oil Based Paint, Add	*0.07*	
		For Orange Peel Finish, Add	*0.17*	
		For Epoxy Paint, Add	*0.13*	
		For Textured Paint, Add	*0.08*	
		For Work >15' To 20' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.41*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.57*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.81*	
		For >100 To 250, Add	*0.38*	
		For >250 To 500, Add	*0.17*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.19*	
		For >20,000, Deduct	*-0.25*	
09 91 23 00-0060	SF	2 Coats Paint, Brush Work, Paint Interior Plaster/Drywall Walls	2.30	
		For Oil Based Paint, Add	*0.14*	
		For Orange Peel Finish, Add	*0.32*	
		For Epoxy Paint, Add	*0.25*	
		For Textured Paint, Add	*0.16*	
		For Work >15' To 20' Above Floor, Add	*0.28*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.47*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.74*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*1.02*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.46*	
		For >100 To 250, Add	*0.70*	
		For >250 To 500, Add	*0.30*	
		For >2,500 To 5,000, Deduct	*-0.12*	
		For >5,000 To 10,000, Deduct	*-0.23*	
		For >10,000 To 20,000, Deduct	*-0.35*	
		For >20,000, Deduct	*-0.46*	
09 91 23 00-0061	SF	3 Coats Paint, Brush Work, Paint Interior Plaster/Drywall Walls	3.29	
		For Oil Based Paint, Add	*0.20*	
		For Orange Peel Finish, Add	*0.45*	
		For Epoxy Paint, Add	*0.36*	
		For Textured Paint, Add	*0.23*	
		For Work >15' To 20' Above Floor, Add	*0.39*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.66*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*1.05*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*1.45*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*2.07*	
		For >100 To 250, Add	*0.99*	
		For >250 To 500, Add	*0.43*	
		For >2,500 To 5,000, Deduct	*-0.16*	
		For >5,000 To 10,000, Deduct	*-0.33*	
		For >10,000 To 20,000, Deduct	*-0.49*	
		For >20,000, Deduct	*-0.66*	
09 91 23 00-0062	SF	1 Coat Primer, Brush/Roller Work, Paint Interior Plaster/Drywall Walls	0.97	
		For Oil Based Paint, Add	*0.06*	
		For Orange Peel Finish, Add	*0.13*	
		For Epoxy Paint, Add	*0.13*	
		For Textured Paint, Add	*0.08*	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.28*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.39*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.57*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0063	SF	1 Coat Paint, Brush/Roller Work, Paint Interior Plaster/Drywall Walls	1.09	
		For Oil Based Paint, Add	*0.07*	
		For Orange Peel Finish, Add	*0.15*	
		For Epoxy Paint, Add	*0.13*	
		For Textured Paint, Add	*0.08*	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.46*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.67*	
		For >100 To 250, Add	*0.32*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.22*	
09 91 23 00-0064	SF	2 Coats Paint, Brush/Roller Work, Paint Interior Plaster/Drywall Walls	1.95	
		For Oil Based Paint, Add	*0.12*	
		For Orange Peel Finish, Add	*0.26*	
		For Epoxy Paint, Add	*0.24*	
		For Textured Paint, Add	*0.15*	
		For Work >15' To 20' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.37*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.58*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.80*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.17*	
		For >100 To 250, Add	*0.56*	
		For >250 To 500, Add	*0.24*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.20*	
		For >10,000 To 20,000, Deduct	*-0.29*	
		For >20,000, Deduct	*-0.39*	
09 91 23 00-0065	SF	1 Coat Primer, Sprayed, Paint Interior Plaster/Drywall Walls	0.85	
		For Oil Based Paint, Add	*0.06*	
		For Epoxy Paint, Add	*0.14*	
		For Textured Paint, Add	*0.08*	
		For Work >15' To 20' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.29*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.44*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.17*	
09 91 23 00-0066	SF	1 Coat Paint, Sprayed, Paint Interior Plaster/Drywall Walls	0.89	
		For Oil Based Paint, Add	*0.06*	
		For Epoxy Paint, Add	*0.13*	
		For Textured Paint, Add	*0.07*	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.51*	
		For >100 To 250, Add	*0.24*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0067	SF	2 Coats Paint, Sprayed, Paint Interior Plaster/Drywall Walls	1.47	
		For Oil Based Paint, Add	*0.10*	
		For Epoxy Paint, Add	*0.24*	
		For Textured Paint, Add	*0.13*	
		For Work >15' To 20' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.37*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.51*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.77*	
		For >100 To 250, Add	*0.38*	
		For >250 To 500, Add	*0.17*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.15*	
		For >10,000 To 20,000, Deduct	*-0.22*	
		For >20,000, Deduct	*-0.29*	

09 91 23 00-0068 Paint Interior Plaster/Drywall Or Masonry Walls With Polymix Multi-Color Paint *(09 91 23 00-0056)*

09 91 23 00-0069	SF	2 Tone Polymix With Base Coat, Sprayed, Paint Interior Plaster/Drywall Or Masonry Walls	2.73	
		For Work >15' To 20' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.44*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.60*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.06*	
		For >100 To 250, Add	*0.55*	
		For >250 To 500, Add	*0.25*	
		For >2,500 To 5,000, Deduct	*-0.14*	
		For >5,000 To 10,000, Deduct	*-0.27*	
		For >10,000 To 20,000, Deduct	*-0.41*	
		For >20,000, Deduct	*-0.55*	
09 91 23 00-0070	SF	3 Tone Polymix With Base Coat, Sprayed, Paint Interior Plaster/Drywall Or Masonry Walls	3.00	
		For Work >15' To 20' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.44*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.60*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.10*	
		For >100 To 250, Add	*0.57*	
		For >250 To 500, Add	*0.26*	
		For >2,500 To 5,000, Deduct	*-0.15*	
		For >5,000 To 10,000, Deduct	*-0.30*	
		For >10,000 To 20,000, Deduct	*-0.45*	
		For >20,000, Deduct	*-0.60*	
09 91 23 00-0071	SF	4 Tone Polymix With Base Coat, Sprayed, Paint Interior Plaster/Drywall Or Masonry Walls	3.28	
		For Work >15' To 20' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.44*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.60*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.15*	
		For >100 To 250, Add	*0.60*	
		For >250 To 500, Add	*0.27*	
		For >2,500 To 5,000, Deduct	*-0.16*	
		For >5,000 To 10,000, Deduct	*-0.33*	
		For >10,000 To 20,000, Deduct	*-0.49*	
		For >20,000, Deduct	*-0.66*	

09 91 23 00-0072 Paint Interior Plaster/Drywall Walls, Acoustic Texture *(09 91 23 00-0056)*

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MINOR CSI UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0073	SF 1 Coat Primer, Sprayed, Acoustic Texture, Paint Interior Plaster/Drywall Walls	1.06	
	For Work >15' To 20' Above Floor, Add	*0.09*	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	*0.16*	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	*0.25*	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	*0.34*	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	*0.53*	
	For >100 To 250, Add	*0.26*	
	For >250 To 500, Add	*0.12*	
	For >2,500 To 5,000, Deduct	*-0.05*	
	For >5,000 To 10,000, Deduct	*-0.11*	
	For >10,000 To 20,000, Deduct	*-0.16*	
	For >20,000, Deduct	*-0.21*	
09 91 23 00-0074	SF 1 Coat Finish, Sprayed, Acoustic Texture, Paint Interior Plaster/Drywall Walls	1.21	
	For Work >15' To 20' Above Floor, Add	*0.12*	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	*0.19*	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	*0.31*	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	*0.42*	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	*0.64*	
	For >100 To 250, Add	*0.31*	
	For >250 To 500, Add	*0.14*	
	For >2,500 To 5,000, Deduct	*-0.06*	
	For >5,000 To 10,000, Deduct	*-0.12*	
	For >10,000 To 20,000, Deduct	*-0.18*	
	For >20,000, Deduct	*-0.24*	
09 91 23 00-0075	SF 2 Coats Finish, Sprayed, Acoustic Texture, Paint Interior Plaster/Drywall Walls	1.96	
	For Work >15' To 20' Above Floor, Add	*0.16*	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	*0.27*	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	*0.43*	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	*0.59*	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	*0.94*	
	For >100 To 250, Add	*0.47*	
	For >250 To 500, Add	*0.21*	
	For >2,500 To 5,000, Deduct	*-0.10*	
	For >5,000 To 10,000, Deduct	*-0.20*	
	For >10,000 To 20,000, Deduct	*-0.29*	
	For >20,000, Deduct	*-0.39*	
09 91 23 00-0076	SF Stipple Finish (Drippowder), Paint Interior Plaster/Drywall Walls	1.88	
	For Work >15' To 20' Above Floor, Add	*0.26*	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	*0.43*	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	*0.68*	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	*0.94*	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	*1.30*	
	For >100 To 250, Add	*0.61*	
	For >250 To 500, Add	*0.26*	
	For >2,500 To 5,000, Deduct	*-0.09*	
	For >5,000 To 10,000, Deduct	*-0.19*	
	For >10,000 To 20,000, Deduct	*-0.28*	
	For >20,000, Deduct	*-0.38*	

09 91 23 00-0077 Paint Interior Metal Walls *(09 91 23 00-0001)*

09 91 23 00-0078 Paint Interior Galvanized Walls *(09 91 23 00-0077)*

Note: Linseed oil or acrylic latex paint.

09 91 23 00-0079	SF 1 Coat Primer, Brush Work, Paint Interior Galvanized Wall Surfaces	1.49	
	For Electrostatic Painting, Add	*0.22*	
	For Work >15' To 20' Above Floor, Add	*0.15*	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	*0.26*	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	*0.41*	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	*0.57*	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	*0.84*	
	For >100 To 250, Add	*0.41*	
	For >250 To 500, Add	*0.18*	
	For >2,500 To 5,000, Deduct	*-0.07*	
	For >5,000 To 10,000, Deduct	*-0.15*	
	For >10,000 To 20,000, Deduct	*-0.22*	
	For >20,000, Deduct	*-0.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0080	SF	1 Coat Paint, Brush Work, Paint Interior Galvanized Wall Surfaces	1.64	
		For Electrostatic Painting, Add	*0.23*	
		For Work >15' To 20' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.47*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.65*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.95*	
		For >100 To 250, Add	*0.46*	
		For >250 To 500, Add	*0.20*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.16*	
		For >10,000 To 20,000, Deduct	*-0.25*	
		For >20,000, Deduct	*-0.33*	
09 91 23 00-0081	SF	2 Coats Paint, Brush Work, Paint Interior Galvanized Wall Surfaces	2.98	
		For Electrostatic Painting, Add	*0.44*	
		For Work >15' To 20' Above Floor, Add	*0.31*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.52*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.82*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*1.13*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.68*	
		For >100 To 250, Add	*0.81*	
		For >250 To 500, Add	*0.36*	
		For >2,500 To 5,000, Deduct	*-0.15*	
		For >5,000 To 10,000, Deduct	*-0.30*	
		For >10,000 To 20,000, Deduct	*-0.45*	
		For >20,000, Deduct	*-0.60*	
09 91 23 00-0082	SF	1 Coat Primer, Brush/Roller Work, Paint Interior Galvanized Walls	1.12	
		For Electrostatic Painting, Add	*0.17*	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.41*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.61*	
		For >100 To 250, Add	*0.30*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.22*	
09 91 23 00-0083	SF	1 Coat Paint, Brush/Roller Work, Paint Interior Galvanized Wall	1.29	
		For Electrostatic Painting, Add	*0.19*	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.36*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.49*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.73*	
		For >100 To 250, Add	*0.35*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.19*	
		For >20,000, Deduct	*-0.26*	
09 91 23 00-0084	SF	2 Coats Paint, Brush/Roller Work, Paint Interior Galvanized Walls	2.41	
		For Electrostatic Painting, Add	*0.36*	
		For Work >15' To 20' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.41*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.65*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.89*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.33*	
		For >100 To 250, Add	*0.65*	
		For >250 To 500, Add	*0.28*	
		For >2,500 To 5,000, Deduct	*-0.12*	
		For >5,000 To 10,000, Deduct	*-0.24*	
		For >10,000 To 20,000, Deduct	*-0.36*	
		For >20,000, Deduct	*-0.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0085	SF	1 Coat Primer, Sprayed, Paint Interior Galvanized Walls	0.96	
		For Electrostatic Painting, Add	*0.18*	
		For Work >15' To 20' Above Floor, Add	*0.06*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.40*	
		For >100 To 250, Add	*0.20*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.19*	
09 91 23 00-0086	SF	1 Coat Paint, Sprayed, Paint Interior Galvanized Walls	1.23	
		For Electrostatic Painting, Add	*0.20*	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.28*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.39*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.60*	
		For >100 To 250, Add	*0.30*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.18*	
		For >20,000, Deduct	*-0.25*	
09 91 23 00-0087	SF	2 Coats Paint, Sprayed, Paint Interior Galvanized Walls	2.08	
		For Electrostatic Painting, Add	*0.37*	
		For Work >15' To 20' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.41*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.56*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.92*	
		For >100 To 250, Add	*0.46*	
		For >250 To 500, Add	*0.21*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.21*	
		For >10,000 To 20,000, Deduct	*-0.31*	
		For >20,000, Deduct	*-0.42*	

09 91 23 00-0088 Paint Interior Aluminum And Aluminum Alloy Walls *(09 91 23 00-0077)*

Note: Alkyd enamel paint.

09 91 23 00-0089	SF	1 Coat Primer, Brush Work, Paint Interior Aluminum And Aluminum Alloy Wall Surfaces	1.49	
		For Electrostatic Painting, Add	*0.22*	
		For Work >15' To 20' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.41*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.57*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.84*	
		For >100 To 250, Add	*0.41*	
		For >250 To 500, Add	*0.18*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.15*	
		For >10,000 To 20,000, Deduct	*-0.22*	
		For >20,000, Deduct	*-0.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0090	SF	1 Coat Paint, Brush Work, Paint Interior Aluminum And Aluminum Alloy Wall Surfaces	1.64	
		For Electrostatic Painting, Add	*0.23*	
		For Work >15' To 20' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.47*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.65*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.95*	
		For >100 To 250, Add	*0.46*	
		For >250 To 500, Add	*0.20*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.16*	
		For >10,000 To 20,000, Deduct	*-0.25*	
		For >20,000, Deduct	*-0.33*	
09 91 23 00-0091	SF	2 Coats Paint, Brush Work, Paint Interior Aluminum And Aluminum Alloy Wall Surfaces	2.97	
		For Electrostatic Painting, Add	*0.43*	
		For Work >15' To 20' Above Floor, Add	*0.31*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.52*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.82*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*1.13*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.68*	
		For >100 To 250, Add	*0.81*	
		For >250 To 500, Add	*0.35*	
		For >2,500 To 5,000, Deduct	*-0.15*	
		For >5,000 To 10,000, Deduct	*-0.30*	
		For >10,000 To 20,000, Deduct	*-0.45*	
		For >20,000, Deduct	*-0.59*	
09 91 23 00-0092	SF	1 Coat Primer, Brush/Roller Work, Paint Interior Aluminum And Aluminum Alloy Walls	1.27	
		For Electrostatic Painting, Add	*0.21*	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.41*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.63*	
		For >100 To 250, Add	*0.31*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.19*	
		For >20,000, Deduct	*-0.25*	
09 91 23 00-0093	SF	1 Coat Paint, Brush/Roller Work, Paint Interior Aluminum And Aluminum Alloy Walls	1.42	
		For Electrostatic Painting, Add	*0.22*	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.36*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.49*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.75*	
		For >100 To 250, Add	*0.36*	
		For >250 To 500, Add	*0.16*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.14*	
		For >10,000 To 20,000, Deduct	*-0.21*	
		For >20,000, Deduct	*-0.28*	
09 91 23 00-0094	SF	2 Coats Paint, Brush/Roller Work, Paint Interior Aluminum And Aluminum Alloy Walls	2.68	
		For Electrostatic Painting, Add	*0.43*	
		For Work >15' To 20' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.41*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.65*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.89*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.37*	
		For >100 To 250, Add	*0.67*	
		For >250 To 500, Add	*0.30*	
		For >2,500 To 5,000, Deduct	*-0.13*	
		For >5,000 To 10,000, Deduct	*-0.27*	
		For >10,000 To 20,000, Deduct	*-0.40*	
		For >20,000, Deduct	*-0.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0095	SF	1 Coat Primer, Sprayed, Paint Interior Aluminum And Aluminum Alloy Walls	1.05	
		For Electrostatic Painting, Add	*0.18*	
		For Work >15' To 20' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.29*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.47*	
		For >100 To 250, Add	*0.24*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.21*	
09 91 23 00-0096	SF	1 Coat Paint, Sprayed, Paint Interior Aluminum And Aluminum Alloy Walls	1.23	
		For Electrostatic Painting, Add	*0.20*	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.28*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.39*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.60*	
		For >100 To 250, Add	*0.30*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.18*	
		For >20,000, Deduct	*-0.25*	
09 91 23 00-0097	SF	2 Coats Paint, Sprayed, Paint Interior Aluminum And Aluminum Alloy Walls	2.08	
		For Electrostatic Painting, Add	*0.37*	
		For Work >15' To 20' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.41*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.56*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.92*	
		For >100 To 250, Add	*0.46*	
		For >250 To 500, Add	*0.21*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.21*	
		For >10,000 To 20,000, Deduct	*-0.31*	
		For >20,000, Deduct	*-0.42*	

09 91 23 00-0098 Paint Interior Corrugated Metal Walls *(09 91 23 00-0077)*

09 91 23 00-0099	SF	1 Coat Primer, Sprayed, Paint Interior Corrugated Metal Walls	1.18	
		For Electrostatic Painting, Add	*0.21*	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.31*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.52*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.18*	
		For >20,000, Deduct	*-0.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0100	SF	1 Coat Paint, Sprayed, Paint Interior Corrugated Metal Walls	1.52	
		For Electrostatic Painting, Add	*0.24*	
		For Work >15' To 20' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.36*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.50*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.77*	
		For >100 To 250, Add	*0.38*	
		For >250 To 500, Add	*0.17*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.15*	
		For >10,000 To 20,000, Deduct	*-0.23*	
		For >20,000, Deduct	*-0.30*	
09 91 23 00-0101	SF	2 Coats Paint, Sprayed, Paint Interior Corrugated Metal Walls	2.58	
		For Electrostatic Painting, Add	*0.44*	
		For Work >15' To 20' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.55*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.75*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.21*	
		For >100 To 250, Add	*0.60*	
		For >250 To 500, Add	*0.27*	
		For >2,500 To 5,000, Deduct	*-0.13*	
		For >5,000 To 10,000, Deduct	*-0.26*	
		For >10,000 To 20,000, Deduct	*-0.39*	
		For >20,000, Deduct	*-0.52*	

09 91 23 00-0102 Paint Interior Stucco Walls *(09 91 23 00-0001)*

09 91 23 00-0103	SF	1 Coat Primer, Brush Work, Paint Interior Stucco Wall Surfaces	1.95	
		For Oil Based Paint, Add	*0.11*	
		For Textured Paint, Add	*0.13*	
		For Work >15' To 20' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.41*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.65*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.89*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.26*	
		For >100 To 250, Add	*0.60*	
		For >250 To 500, Add	*0.26*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.20*	
		For >10,000 To 20,000, Deduct	*-0.29*	
		For >20,000, Deduct	*-0.39*	
09 91 23 00-0104	SF	1 Coat Paint, Brush Work, Paint Interior Stucco Wall Surfaces	2.15	
		For Oil Based Paint, Add	*0.13*	
		For Textured Paint, Add	*0.15*	
		For Work >15' To 20' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.44*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.71*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.97*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.38*	
		For >100 To 250, Add	*0.66*	
		For >250 To 500, Add	*0.28*	
		For >2,500 To 5,000, Deduct	*-0.11*	
		For >5,000 To 10,000, Deduct	*-0.22*	
		For >10,000 To 20,000, Deduct	*-0.32*	
		For >20,000, Deduct	*-0.43*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0105	SF	2 Coats Paint, Brush Work, Paint Interior Stucco Wall Surfaces	3.83	
		For Oil Based Paint, Add	*0.23*	
		For Textured Paint, Add	*0.27*	
		For Work >15' To 20' Above Floor, Add	*0.46*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.77*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*1.22*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*1.68*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*2.41*	
		For >100 To 250, Add	*1.15*	
		For >250 To 500, Add	*0.50*	
		For >2,500 To 5,000, Deduct	*-0.19*	
		For >5,000 To 10,000, Deduct	*-0.38*	
		For >10,000 To 20,000, Deduct	*-0.57*	
		For >20,000, Deduct	*-0.77*	
09 91 23 00-0106	SF	1 Coat Primer, Brush/Roller Work, Paint Interior Stucco Wall Surfaces	1.50	
		For Oil Based Paint, Add	*0.09*	
		For Textured Paint, Add	*0.11*	
		For Work >15' To 20' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.29*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.47*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.64*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.93*	
		For >100 To 250, Add	*0.44*	
		For >250 To 500, Add	*0.19*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.15*	
		For >10,000 To 20,000, Deduct	*-0.23*	
		For >20,000, Deduct	*-0.30*	
09 91 23 00-0107	SF	1 Coat Paint, Brush/Roller Work, Paint Interior Stucco Wall Surfaces	1.70	
		For Oil Based Paint, Add	*0.10*	
		For Textured Paint, Add	*0.12*	
		For Work >15' To 20' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.33*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.53*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.73*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.05*	
		For >100 To 250, Add	*0.50*	
		For >250 To 500, Add	*0.22*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.17*	
		For >10,000 To 20,000, Deduct	*-0.26*	
		For >20,000, Deduct	*-0.34*	
09 91 23 00-0108	SF	2 Coats Paint, Brush/Roller Work, Paint Interior Stucco Wall Surfaces	3.14	
		For Oil Based Paint, Add	*0.20*	
		For Textured Paint, Add	*0.23*	
		For Work >15' To 20' Above Floor, Add	*0.36*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.59*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.95*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*1.30*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.89*	
		For >100 To 250, Add	*0.91*	
		For >250 To 500, Add	*0.39*	
		For >2,500 To 5,000, Deduct	*-0.16*	
		For >5,000 To 10,000, Deduct	*-0.31*	
		For >10,000 To 20,000, Deduct	*-0.47*	
		For >20,000, Deduct	*-0.63*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0109	SF	1 Coat Primer, Sprayed, Paint Interior Stucco Wall Surfaces	1.10	
		For Oil Based Paint, Add	*0.07*	
		For Textured Paint, Add	*0.09*	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.29*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.40*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.60*	
		For >100 To 250, Add	*0.29*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.22*	
09 91 23 00-0110	SF	1 Coat Paint, Sprayed, Paint Interior Stucco Wall Surfaces	1.35	
		For Oil Based Paint, Add	*0.09*	
		For Textured Paint, Add	*0.12*	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.47*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.72*	
		For >100 To 250, Add	*0.35*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.14*	
		For >10,000 To 20,000, Deduct	*-0.20*	
		For >20,000, Deduct	*-0.27*	
09 91 23 00-0111	SF	2 Coats Paint, Sprayed, Paint Interior Stucco Wall Surfaces	2.61	
		For Oil Based Paint, Add	*0.17*	
		For Textured Paint, Add	*0.22*	
		For Work >15' To 20' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.43*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.69*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.95*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.43*	
		For >100 To 250, Add	*0.69*	
		For >250 To 500, Add	*0.30*	
		For >2,500 To 5,000, Deduct	*-0.13*	
		For >5,000 To 10,000, Deduct	*-0.26*	
		For >10,000 To 20,000, Deduct	*-0.39*	
		For >20,000, Deduct	*-0.52*	

09 91 23 00-0112 Paint Interior Wood Walls *(09 91 23 00-0001)*

09 91 23 00-0113 Interior Wood Walls *(09 91 23 00-0112)*

09 91 23 00-0114	SF	1 Coat Paint, Brush Work, Paint Interior Wood Wall Surfaces	1.46	
		For Oil Based Paint, Add	*0.09*	
		For Textured Paint, Add	*0.10*	
		For Work >15' To 20' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.48*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.65*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.93*	
		For >100 To 250, Add	*0.44*	
		For >250 To 500, Add	*0.19*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.15*	
		For >10,000 To 20,000, Deduct	*-0.22*	
		For >20,000, Deduct	*-0.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0115	SF	2 Coats Paint, Brush Work, Paint Interior Wood Wall Surfaces	2.70	
		For Oil Based Paint, Add	*0.16*	
		For Textured Paint, Add	*0.19*	
		For Work >15' To 20' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.54*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.86*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*1.18*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.70*	
		For >100 To 250, Add	*0.81*	
		For >250 To 500, Add	*0.35*	
		For >2,500 To 5,000, Deduct	*-0.14*	
		For >5,000 To 10,000, Deduct	*-0.27*	
		For >10,000 To 20,000, Deduct	*-0.41*	
		For >20,000, Deduct	*-0.54*	
09 91 23 00-0116	SF	3 Coats Paint, Brush Work, Paint Interior Wood Wall Surfaces	3.86	
		For Oil Based Paint, Add	*0.23*	
		For Textured Paint, Add	*0.28*	
		For Work >15' To 20' Above Floor, Add	*0.46*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.76*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*1.22*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*1.67*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*2.40*	
		For >100 To 250, Add	*1.15*	
		For >250 To 500, Add	*0.50*	
		For >2,500 To 5,000, Deduct	*-0.19*	
		For >5,000 To 10,000, Deduct	*-0.39*	
		For >10,000 To 20,000, Deduct	*-0.58*	
		For >20,000, Deduct	*-0.77*	
09 91 23 00-0117	SF	1 Coat Primer, Brush/Roller Work, Paint Interior Wood Walls	1.06	
		For Oil Based Paint, Add	*0.07*	
		For Textured Paint, Add	*0.08*	
		For Work >15' To 20' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.43*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.63*	
		For >100 To 250, Add	*0.30*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.21*	
09 91 23 00-0118	SF	1 Coat Paint, Brush/Roller Work, Paint Interior Wood Walls	1.20	
		For Oil Based Paint, Add	*0.07*	
		For Textured Paint, Add	*0.09*	
		For Work >15' To 20' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.37*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.51*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.74*	
		For >100 To 250, Add	*0.35*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.18*	
		For >20,000, Deduct	*-0.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0119	SF	2 Coats Paint, Brush/Roller Work, Paint Interior Wood Walls	2.15	
		For Oil Based Paint, Add	*0.14*	
		For Textured Paint, Add	*0.16*	
		For Work >15' To 20' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.40*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.64*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.88*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.28*	
		For >100 To 250, Add	*0.62*	
		For >250 To 500, Add	*0.27*	
		For >2,500 To 5,000, Deduct	*-0.11*	
		For >5,000 To 10,000, Deduct	*-0.22*	
		For >10,000 To 20,000, Deduct	*-0.32*	
		For >20,000, Deduct	*-0.43*	
09 91 23 00-0120	SF	1 Coat Primer, Sprayed, Paint Interior Wood Walls	0.80	
		For Oil Based Paint, Add	*0.06*	
		For Textured Paint, Add	*0.07*	
		For Work >15' To 20' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.12*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.40*	
		For >100 To 250, Add	*0.20*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	
09 91 23 00-0121	SF	1 Coat Paint, Sprayed, Paint Interior Wood Walls	1.01	
		For Oil Based Paint, Add	*0.07*	
		For Textured Paint, Add	*0.09*	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.35*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.53*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	
09 91 23 00-0122	SF	2 Coats Paint, Sprayed, Paint Interior Wood Walls	1.86	
		For Oil Based Paint, Add	*0.13*	
		For Textured Paint, Add	*0.17*	
		For Work >15' To 20' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.44*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.60*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.93*	
		For >100 To 250, Add	*0.46*	
		For >250 To 500, Add	*0.20*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.19*	
		For >10,000 To 20,000, Deduct	*-0.28*	
		For >20,000, Deduct	*-0.37*	

09 91 23 00-0123 Paint Interior Ceilings *(09 91 23)*

09 91 23 00-0124 Paint Interior Acoustical Ceilings *(09 91 23 00-0123)*
Note: Includes grid.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0125	SF	1 Coat Primer, Brush Work, Paint Interior Acoustical Ceiling	1.30	
		For Oil Based Paint, Add	*0.08*	
		For Textured Paint, Add	*0.09*	
		For Work >15' To 20' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.41*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.57*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.81*	
		For >100 To 250, Add	*0.39*	
		For >250 To 500, Add	*0.17*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.20*	
		For >20,000, Deduct	*-0.26*	
09 91 23 00-0126	SF	1 Coat Paint, Brush Work, Paint Interior Acoustical Ceiling	1.40	
		For Oil Based Paint, Add	*0.08*	
		For Textured Paint, Add	*0.09*	
		For Work >15' To 20' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.47*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.65*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.92*	
		For >100 To 250, Add	*0.44*	
		For >250 To 500, Add	*0.19*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.14*	
		For >10,000 To 20,000, Deduct	*-0.21*	
		For >20,000, Deduct	*-0.28*	
09 91 23 00-0127	SF	2 Coats Paint, Brush Work, Paint Interior Acoustical Ceiling	2.51	
		For Oil Based Paint, Add	*0.15*	
		For Textured Paint, Add	*0.17*	
		For Work >15' To 20' Above Floor, Add	*0.31*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.52*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.83*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*1.14*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.62*	
		For >100 To 250, Add	*0.77*	
		For >250 To 500, Add	*0.33*	
		For >2,500 To 5,000, Deduct	*-0.13*	
		For >5,000 To 10,000, Deduct	*-0.25*	
		For >10,000 To 20,000, Deduct	*-0.38*	
		For >20,000, Deduct	*-0.50*	
09 91 23 00-0128	SF	1 Coat Primer, Brush/Roller Work, Paint Interior Acoustical Ceiling	1.13	
		For Oil Based Paint, Add	*0.07*	
		For Textured Paint, Add	*0.08*	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.47*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.69*	
		For >100 To 250, Add	*0.33*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0129	SF	1 Coat Paint, Brush/Roller Work, Paint Interior Acoustical Ceiling	1.10	
		For Oil Based Paint, Add	*0.07*	
		For Textured Paint, Add	*0.08*	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.35*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.48*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.69*	
		For >100 To 250, Add	*0.33*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.22*	
09 91 23 00-0130	SF	2 Coats Paint, Brush/Roller Work, Paint Interior Acoustical Ceiling	2.06	
		For Oil Based Paint, Add	*0.13*	
		For Textured Paint, Add	*0.15*	
		For Work >15' To 20' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.41*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.65*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.89*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.28*	
		For >100 To 250, Add	*0.61*	
		For >250 To 500, Add	*0.27*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.21*	
		For >10,000 To 20,000, Deduct	*-0.31*	
		For >20,000, Deduct	*-0.41*	
09 91 23 00-0131	SF	1 Coat Primer, Sprayed, Paint Interior Acoustical Ceiling	1.00	
		For Oil Based Paint, Add	*0.07*	
		For Textured Paint, Add	*0.08*	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.37*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.55*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	
09 91 23 00-0132	SF	1 Coat Paint, Sprayed, Paint Interior Acoustical Ceiling	0.97	
		For Oil Based Paint, Add	*0.06*	
		For Textured Paint, Add	*0.08*	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.28*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.39*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.57*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.19*	

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MINOR CSI UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0133	SF 2 Coats Paint, Sprayed, Paint Interior Acoustical Ceiling	1.58	
	For Oil Based Paint, Add	*0.11*	
	For Textured Paint, Add	*0.13*	
	For Work >15' To 20' Above Floor, Add	*0.15*	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	*0.26*	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	*0.41*	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	*0.57*	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	*0.86*	
	For >100 To 250, Add	*0.42*	
	For >250 To 500, Add	*0.18*	
	For >2,500 To 5,000, Deduct	*-0.08*	
	For >5,000 To 10,000, Deduct	*-0.16*	
	For >10,000 To 20,000, Deduct	*-0.24*	
	For >20,000, Deduct	*-0.32*	
09 91 23 00-0134	Paint Interior Concrete Ceilings *(09 91 23 00-0123)*		
09 91 23 00-0135	SF 1 Coat Filler, Brush Work, Paint Interior Concrete Ceiling	1.30	
	For Oil Based Paint, Add	*0.08*	
	For Epoxy Paint, Add	*0.15*	
	For Textured Paint, Add	*0.09*	
	For Work >15' To 20' Above Floor, Add	*0.15*	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	*0.26*	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	*0.41*	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	*0.57*	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	*0.81*	
	For >100 To 250, Add	*0.39*	
	For >250 To 500, Add	*0.17*	
	For >2,500 To 5,000, Deduct	*-0.07*	
	For >5,000 To 10,000, Deduct	*-0.13*	
	For >10,000 To 20,000, Deduct	*-0.20*	
	For >20,000, Deduct	*-0.26*	
09 91 23 00-0136	SF 1 Coat Paint, Brush Work, Paint Interior Concrete Ceiling	1.40	
	For Oil Based Paint, Add	*0.08*	
	For Epoxy Paint, Add	*0.14*	
	For Textured Paint, Add	*0.09*	
	For Work >15' To 20' Above Floor, Add	*0.18*	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	*0.30*	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	*0.47*	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	*0.65*	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	*0.92*	
	For >100 To 250, Add	*0.44*	
	For >250 To 500, Add	*0.19*	
	For >2,500 To 5,000, Deduct	*-0.07*	
	For >5,000 To 10,000, Deduct	*-0.14*	
	For >10,000 To 20,000, Deduct	*-0.21*	
	For >20,000, Deduct	*-0.28*	
09 91 23 00-0137	SF 2 Coats Paint, Brush Work, Paint Interior Concrete Ceiling	2.50	
	For Oil Based Paint, Add	*0.15*	
	For Epoxy Paint, Add	*0.26*	
	For Textured Paint, Add	*0.17*	
	For Work >15' To 20' Above Floor, Add	*0.31*	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	*0.52*	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	*0.82*	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	*1.13*	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	*1.61*	
	For >100 To 250, Add	*0.77*	
	For >250 To 500, Add	*0.33*	
	For >2,500 To 5,000, Deduct	*-0.13*	
	For >5,000 To 10,000, Deduct	*-0.25*	
	For >10,000 To 20,000, Deduct	*-0.38*	
	For >20,000, Deduct	*-0.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0138	SF	1 Coat Filler, Brush/Roller Work, Paint Interior Concrete Ceiling	1.01	
		For Oil Based Paint, Add	*0.06*	
		For Epoxy Paint, Add	*0.13*	
		For Textured Paint, Add	*0.08*	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.19*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.41*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.60*	
		For >100 To 250, Add	*0.29*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	
09 91 23 00-0139	SF	1 Coat Paint, Brush/Roller Work, Paint Interior Concrete Ceiling	1.10	
		For Oil Based Paint, Add	*0.07*	
		For Epoxy Paint, Add	*0.12*	
		For Textured Paint, Add	*0.08*	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.35*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.48*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.69*	
		For >100 To 250, Add	*0.33*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.22*	
09 91 23 00-0140	SF	2 Coats Paint, Brush/Roller Work, Paint Interior Concrete Ceiling	2.07	
		For Oil Based Paint, Add	*0.13*	
		For Epoxy Paint, Add	*0.24*	
		For Textured Paint, Add	*0.15*	
		For Work >15' To 20' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.41*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.65*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.90*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.29*	
		For >100 To 250, Add	*0.61*	
		For >250 To 500, Add	*0.27*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.21*	
		For >10,000 To 20,000, Deduct	*-0.31*	
		For >20,000, Deduct	*-0.41*	
09 91 23 00-0141	SF	1 Coat Filler, Sprayed, Paint Interior Concrete Ceiling	0.96	
		For Oil Based Paint, Add	*0.06*	
		For Epoxy Paint, Add	*0.15*	
		For Textured Paint, Add	*0.08*	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.35*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.52*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.19*	

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MINOR CSI UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0142	SF 1 Coat Paint, Sprayed, Paint Interior Concrete Ceiling	0.97	
	For Oil Based Paint, Add	*0.06*	
	For Epoxy Paint, Add	*0.13*	
	For Textured Paint, Add	*0.08*	
	For Work >15' To 20' Above Floor, Add	*0.11*	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	*0.18*	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	*0.28*	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	*0.39*	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	*0.57*	
	For >100 To 250, Add	*0.27*	
	For >250 To 500, Add	*0.12*	
	For >2,500 To 5,000, Deduct	*-0.05*	
	For >5,000 To 10,000, Deduct	*-0.10*	
	For >10,000 To 20,000, Deduct	*-0.15*	
	For >20,000, Deduct	*-0.19*	
09 91 23 00-0143	SF 2 Coats Paint, Sprayed, Paint Interior Concrete Ceiling	1.57	
	For Oil Based Paint, Add	*0.11*	
	For Epoxy Paint, Add	*0.24*	
	For Textured Paint, Add	*0.13*	
	For Work >15' To 20' Above Floor, Add	*0.15*	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	*0.26*	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	*0.41*	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	*0.56*	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	*0.85*	
	For >100 To 250, Add	*0.41*	
	For >250 To 500, Add	*0.18*	
	For >2,500 To 5,000, Deduct	*-0.08*	
	For >5,000 To 10,000, Deduct	*-0.16*	
	For >10,000 To 20,000, Deduct	*-0.24*	
	For >20,000, Deduct	*-0.31*	
09 91 23 00-0144	SF 1 Coat Bonding Agent, Brush Work, Paint Interior Concrete Ceiling	1.35	
	For Textured Paint, Add	*0.10*	
	For Work >15' To 20' Above Floor, Add	*0.15*	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	*0.26*	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	*0.41*	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	*0.57*	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	*0.82*	
	For >100 To 250, Add	*0.39*	
	For >250 To 500, Add	*0.17*	
	For >2,500 To 5,000, Deduct	*-0.07*	
	For >5,000 To 10,000, Deduct	*-0.14*	
	For >10,000 To 20,000, Deduct	*-0.20*	
	For >20,000, Deduct	*-0.27*	
09 91 23 00-0145	SF 1 Coat Bonding Agent, Brush/Roller, Paint Interior Concrete Ceiling	1.06	
	For Textured Paint, Add	*0.09*	
	For Work >15' To 20' Above Floor, Add	*0.11*	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	*0.19*	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	*0.30*	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	*0.41*	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	*0.60*	
	For >100 To 250, Add	*0.29*	
	For >250 To 500, Add	*0.13*	
	For >2,500 To 5,000, Deduct	*-0.05*	
	For >5,000 To 10,000, Deduct	*-0.11*	
	For >10,000 To 20,000, Deduct	*-0.16*	
	For >20,000, Deduct	*-0.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0146	SF	1 Coat Bonding Agent, Sprayed, Paint Interior Concrete Ceiling	1.02	
		For Textured Paint, Add	*0.09*	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.35*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.53*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.11*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	

09 91 23 00-0147 Paint Interior Drywall/Plaster Ceilings *(09 91 23 00-0123)*

09 91 23 00-0148	SF	1 Coat Primer, Brush Work, Pain Interior Drywall/Plaster Ceiling	1.30	
		For Epoxy Paint, Add	*0.15*	
		For Oil Based Paint, Add	*0.08*	
		For Orange Peel Finish, Add	*0.18*	
		For Textured Paint, Add	*0.09*	
		For Work >15' To 20' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.41*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.57*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.81*	
		For >100 To 250, Add	*0.39*	
		For >250 To 500, Add	*0.17*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.20*	
		For >20,000, Deduct	*-0.26*	
09 91 23 00-0149	SF	1 Coat Paint, Brush Work, Paint Interior Drywall/Plaster Ceiling	1.40	
		For Epoxy Paint, Add	*0.14*	
		For Oil Based Paint, Add	*0.08*	
		For Orange Peel Finish, Add	*0.20*	
		For Textured Paint, Add	*0.09*	
		For Work >15' To 20' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.47*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.65*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.92*	
		For >100 To 250, Add	*0.44*	
		For >250 To 500, Add	*0.19*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.14*	
		For >10,000 To 20,000, Deduct	*-0.21*	
		For >20,000, Deduct	*-0.28*	
09 91 23 00-0150	SF	2 Coats Paint, Brush Work, Paint Interior Drywall/Plaster Ceiling	2.51	
		For Epoxy Paint, Add	*0.26*	
		For Oil Based Paint, Add	*0.15*	
		For Orange Peel Finish, Add	*0.35*	
		For Textured Paint, Add	*0.17*	
		For Work >15' To 20' Above Floor, Add	*0.31*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.52*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.83*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*1.14*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.62*	
		For >100 To 250, Add	*0.77*	
		For >250 To 500, Add	*0.33*	
		For >2,500 To 5,000, Deduct	*-0.13*	
		For >5,000 To 10,000, Deduct	*-0.25*	
		For >10,000 To 20,000, Deduct	*-0.38*	
		For >20,000, Deduct	*-0.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0151	SF	1 Coat Primer, Brush/Roller Work, Paint Interior Drywall/Plaster Ceiling	1.13	
		For Epoxy Paint, Add	*0.14*	
		For Oil Based Paint, Add	*0.07*	
		For Orange Peel Finish, Add	*0.15*	
		For Textured Paint, Add	*0.08*	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.47*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.69*	
		For >100 To 250, Add	*0.33*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.23*	
09 91 23 00-0152	SF	1 Coat Paint, Brush/Roller Work, Paint Interior Drywall/Plaster Ceiling	1.10	
		For Epoxy Paint, Add	*0.12*	
		For Oil Based Paint, Add	*0.07*	
		For Orange Peel Finish, Add	*0.15*	
		For Textured Paint, Add	*0.08*	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.35*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.48*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.69*	
		For >100 To 250, Add	*0.33*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.22*	
09 91 23 00-0153	SF	2 Coats Paint, Brush/Roller Work, Paint Interior Drywall/Plaster Ceiling	2.06	
		For Epoxy Paint, Add	*0.24*	
		For Oil Based Paint, Add	*0.13*	
		For Orange Peel Finish, Add	*0.28*	
		For Textured Paint, Add	*0.15*	
		For Work >15' To 20' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.41*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.65*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.89*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.28*	
		For >100 To 250, Add	*0.61*	
		For >250 To 500, Add	*0.27*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.21*	
		For >10,000 To 20,000, Deduct	*-0.31*	
		For >20,000, Deduct	*-0.41*	
09 91 23 00-0154	SF	1 Coat Primer, Sprayed, Paint Interior Drywall/Plaster Ceiling	1.00	
		For Epoxy Paint, Add	*0.15*	
		For Oil Based Paint, Add	*0.07*	
		For Textured Paint, Add	*0.08*	
		For Work >15' To 20' Above Floor, Add	*0.10*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.37*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.55*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0155	SF	1 Coat Paint, Sprayed, Paint Interior Drywall/Plaster Ceiling	0.97	
		For Epoxy Paint, Add	*0.13*	
		For Oil Based Paint, Add	*0.06*	
		For Textured Paint, Add	*0.08*	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.28*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.39*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.57*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.19*	
09 91 23 00-0156	SF	2 Coats Paint, Sprayed, Paint Interior Drywall/Plaster Ceiling	1.58	
		For Epoxy Paint, Add	*0.24*	
		For Oil Based Paint, Add	*0.11*	
		For Textured Paint, Add	*0.13*	
		For Work >15' To 20' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.41*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.57*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.86*	
		For >100 To 250, Add	*0.42*	
		For >250 To 500, Add	*0.18*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.16*	
		For >10,000 To 20,000, Deduct	*-0.24*	
		For >20,000, Deduct	*-0.32*	

09 91 23 00-0157 Paint Interior Metal Ceilings *(09 91 23 00-0123)*

09 91 23 00-0158 Galvanized Surfaces, Galvanized Primer *(09 91 23 00-0157)*

Note: Linseed oil or acrylic latex paint.

09 91 23 00-0159	SF	1 Coat Primer, Brush Work, Paint Interior Galvanized Ceiling	1.64	
		For Electrostatic Painting, Add	*0.23*	
		For Work >15' To 20' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.47*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.65*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.95*	
		For >100 To 250, Add	*0.46*	
		For >250 To 500, Add	*0.20*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.16*	
		For >10,000 To 20,000, Deduct	*-0.25*	
		For >20,000, Deduct	*-0.33*	
09 91 23 00-0160	SF	1 Coat Paint, Brush Work, Paint Interior Galvanized Ceiling	1.79	
		For Electrostatic Painting, Add	*0.25*	
		For Work >15' To 20' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.33*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.53*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.73*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.07*	
		For >100 To 250, Add	*0.51*	
		For >250 To 500, Add	*0.22*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.18*	
		For >10,000 To 20,000, Deduct	*-0.27*	
		For >20,000, Deduct	*-0.36*	

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MINOR CSI UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0161	SF 2 Coats Paint, Brush Work, Paint Interior Galvanized Ceiling	3.27	
	For Electrostatic Painting, Add	*0.46*	
	For Work >15' To 20' Above Floor, Add	*0.35*	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	*0.59*	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	*0.94*	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	*1.30*	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	*1.91*	
	For >100 To 250, Add	*0.92*	
	For >250 To 500, Add	*0.40*	
	For >2,500 To 5,000, Deduct	*-0.16*	
	For >5,000 To 10,000, Deduct	*-0.33*	
	For >10,000 To 20,000, Deduct	*-0.49*	
	For >20,000, Deduct	*-0.65*	
09 91 23 00-0162	SF 1 Coat Primer, Brush/Roller Work, Paint Interior Galvanized Ceiling	1.27	
	For Electrostatic Painting, Add	*0.18*	
	For Work >15' To 20' Above Floor, Add	*0.13*	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	*0.22*	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	*0.36*	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	*0.49*	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	*0.72*	
	For >100 To 250, Add	*0.35*	
	For >250 To 500, Add	*0.15*	
	For >2,500 To 5,000, Deduct	*-0.06*	
	For >5,000 To 10,000, Deduct	*-0.13*	
	For >10,000 To 20,000, Deduct	*-0.19*	
	For >20,000, Deduct	*-0.25*	
09 91 23 00-0163	SF 1 Coat Paint, Brush/Roller Work, Paint Interior Galvanized Ceiling	1.41	
	For Electrostatic Painting, Add	*0.20*	
	For Work >15' To 20' Above Floor, Add	*0.15*	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	*0.26*	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	*0.41*	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	*0.57*	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	*0.83*	
	For >100 To 250, Add	*0.40*	
	For >250 To 500, Add	*0.17*	
	For >2,500 To 5,000, Deduct	*-0.07*	
	For >5,000 To 10,000, Deduct	*-0.14*	
	For >10,000 To 20,000, Deduct	*-0.21*	
	For >20,000, Deduct	*-0.28*	
09 91 23 00-0164	SF 2 Coats Paint, Brush/Roller Work, Paint Interior Galvanized Ceiling	2.61	
	For Electrostatic Painting, Add	*0.37*	
	For Work >15' To 20' Above Floor, Add	*0.28*	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	*0.47*	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	*0.74*	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	*1.02*	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	*1.51*	
	For >100 To 250, Add	*0.73*	
	For >250 To 500, Add	*0.32*	
	For >2,500 To 5,000, Deduct	*-0.13*	
	For >5,000 To 10,000, Deduct	*-0.26*	
	For >10,000 To 20,000, Deduct	*-0.39*	
	For >20,000, Deduct	*-0.52*	
09 91 23 00-0165	SF 1 Coat Primer, Sprayed, Paint Interior Galvanized Ceiling	1.23	
	For Electrostatic Painting, Add	*0.20*	
	For Work >15' To 20' Above Floor, Add	*0.11*	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	*0.18*	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	*0.28*	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	*0.39*	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	*0.60*	
	For >100 To 250, Add	*0.30*	
	For >250 To 500, Add	*0.13*	
	For >2,500 To 5,000, Deduct	*-0.06*	
	For >5,000 To 10,000, Deduct	*-0.12*	
	For >10,000 To 20,000, Deduct	*-0.18*	
	For >20,000, Deduct	*-0.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0166	SF	1 Coat Paint, Sprayed, Paint Interior Galvanized Ceiling	1.38	
		For Electrostatic Painting, Add	*0.22*	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.47*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.72*	
		For >100 To 250, Add	*0.35*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.14*	
		For >10,000 To 20,000, Deduct	*-0.21*	
		For >20,000, Deduct	*-0.28*	
09 91 23 00-0167	SF	2 Coats Paint, Sprayed, Paint Interior Galvanized Ceiling	2.26	
		For Electrostatic Painting, Add	*0.39*	
		For Work >15' To 20' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.48*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.66*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.06*	
		For >100 To 250, Add	*0.53*	
		For >250 To 500, Add	*0.23*	
		For >2,500 To 5,000, Deduct	*-0.11*	
		For >5,000 To 10,000, Deduct	*-0.23*	
		For >10,000 To 20,000, Deduct	*-0.34*	
		For >20,000, Deduct	*-0.45*	

09 91 23 00-0168 Aluminum And Aluminum Alloy Surface Pretreatment Primer *(09 91 23 00-0157)*

Note: Alkyd enamel paint.

09 91 23 00-0169	SF	1 Coat Primer, Brush Work, Paint Interior Aluminum And Aluminum Alloy Ceiling	1.64	
		For Electrostatic Painting, Add	*0.23*	
		For Work >15' To 20' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.47*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.65*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.95*	
		For >100 To 250, Add	*0.46*	
		For >250 To 500, Add	*0.20*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.16*	
		For >10,000 To 20,000, Deduct	*-0.25*	
		For >20,000, Deduct	*-0.33*	
09 91 23 00-0170	SF	1 Coat Paint, Brush Work, Paint Interior Aluminum And Aluminum Alloy Ceiling	1.79	
		For Electrostatic Painting, Add	*0.25*	
		For Work >15' To 20' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.33*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.53*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.73*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.07*	
		For >100 To 250, Add	*0.51*	
		For >250 To 500, Add	*0.22*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.18*	
		For >10,000 To 20,000, Deduct	*-0.27*	
		For >20,000, Deduct	*-0.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0171	SF	2 Coats Paint, Brush Work, Paint Interior Aluminum And Aluminum Alloy Ceiling	3.27	
		For Electrostatic Painting, Add	*0.46*	
		For Work >15' To 20' Above Floor, Add	*0.35*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.59*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.94*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*1.30*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.91*	
		For >100 To 250, Add	*0.92*	
		For >250 To 500, Add	*0.40*	
		For >2,500 To 5,000, Deduct	*-0.16*	
		For >5,000 To 10,000, Deduct	*-0.33*	
		For >10,000 To 20,000, Deduct	*-0.49*	
		For >20,000, Deduct	*-0.65*	
09 91 23 00-0172	SF	1 Coat Primer, Brush/Roller Work, Paint Interior Aluminum And Aluminum Alloy Ceiling	1.42	
		For Electrostatic Painting, Add	*0.22*	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.36*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.49*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.75*	
		For >100 To 250, Add	*0.36*	
		For >250 To 500, Add	*0.16*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.14*	
		For >10,000 To 20,000, Deduct	*-0.21*	
		For >20,000, Deduct	*-0.28*	
09 91 23 00-0173	SF	1 Coat Paint, Brush/Roller Work, Paint Interior Aluminum And Aluminum Alloy Ceiling	1.56	
		For Electrostatic Painting, Add	*0.24*	
		For Work >15' To 20' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.41*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.57*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.85*	
		For >100 To 250, Add	*0.41*	
		For >250 To 500, Add	*0.18*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.16*	
		For >10,000 To 20,000, Deduct	*-0.23*	
		For >20,000, Deduct	*-0.31*	
09 91 23 00-0174	SF	2 Coats Paint, Brush/Roller Work, Paint Interior Aluminum And Aluminum Alloy Ceiling	2.96	
		For Electrostatic Painting, Add	*0.46*	
		For Work >15' To 20' Above Floor, Add	*0.29*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.48*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.76*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*1.05*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.58*	
		For >100 To 250, Add	*0.77*	
		For >250 To 500, Add	*0.34*	
		For >2,500 To 5,000, Deduct	*-0.15*	
		For >5,000 To 10,000, Deduct	*-0.30*	
		For >10,000 To 20,000, Deduct	*-0.44*	
		For >20,000, Deduct	*-0.59*	
09 91 23 00-0175	SF	1 Coat Primer, Sprayed, Paint Interior Aluminum And Aluminum Alloy Ceiling	1.23	
		For Electrostatic Painting, Add	*0.20*	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.28*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.39*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.60*	
		For >100 To 250, Add	*0.30*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.18*	
		For >20,000, Deduct	*-0.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0176	SF	1 Coat Paint, Sprayed, Paint Interior Aluminum And Aluminum Alloy Ceiling	1.38	
		For Electrostatic Painting, Add	*0.22*	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.47*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.72*	
		For >100 To 250, Add	*0.35*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.14*	
		For >10,000 To 20,000, Deduct	*-0.21*	
		For >20,000, Deduct	*-0.28*	
09 91 23 00-0177	SF	2 Coats Paint, Sprayed, Paint Interior Aluminum And Aluminum Alloy Ceiling	2.26	
		For Electrostatic Painting, Add	*0.39*	
		For Work >15' To 20' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.48*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.66*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.06*	
		For >100 To 250, Add	*0.53*	
		For >250 To 500, Add	*0.23*	
		For >2,500 To 5,000, Deduct	*-0.11*	
		For >5,000 To 10,000, Deduct	*-0.23*	
		For >10,000 To 20,000, Deduct	*-0.34*	
		For >20,000, Deduct	*-0.45*	

09 91 23 00-0178 Paint Interior Ceiling Tile Grid *(09 91 23 00-0157)*

Note: Grid only.

09 91 23 00-0179	LF	1 Coat Paint, Brush/Roller Work, Paint Interior Ceiling Tile Grid	0.34	
		For Electrostatic Painting, Add	*0.04*	
		For Work >15' To 20' Above Floor, Add	*0.04*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.07*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.21*	
		For >100 To 250, Add	*0.10*	
		For >250 To 500, Add	*0.04*	
		For >2,500 To 5,000, Deduct	*-0.02*	
		For >5,000 To 10,000, Deduct	*-0.03*	
		For >10,000 To 20,000, Deduct	*-0.05*	
		For >20,000, Deduct	*-0.07*	
09 91 23 00-0180	LF	2 Coats Paint, Brush/Roller Work, Paint Interior Ceiling Tile Grid	0.69	
		For Electrostatic Painting, Add	*0.09*	
		For Work >15' To 20' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.31*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.44*	
		For >100 To 250, Add	*0.21*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.03*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.10*	
		For >20,000, Deduct	*-0.14*	

09 91 23 00-0181 Paint Interior Corrugated Metal Ceilings *(09 91 23 00-0157)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0182	SF	1 Coat Primer, Sprayed, Paint Interior Corrugated Metal Ceiling	1.61	
		For Electrostatic Painting, Add	*0.27*	
		For Work >15' To 20' Above Floor, Add	*0.14*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.23*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.36*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.50*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.79*	
		For >100 To 250, Add	*0.39*	
		For >250 To 500, Add	*0.17*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.16*	
		For >10,000 To 20,000, Deduct	*-0.24*	
		For >20,000, Deduct	*-0.32*	
09 91 23 00-0183	SF	1 Coat Paint, Sprayed, Paint Interior Corrugated Metal Ceiling	1.83	
		For Electrostatic Painting, Add	*0.29*	
		For Work >15' To 20' Above Floor, Add	*0.17*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.28*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.45*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.62*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.95*	
		For >100 To 250, Add	*0.47*	
		For >250 To 500, Add	*0.20*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.18*	
		For >10,000 To 20,000, Deduct	*-0.27*	
		For >20,000, Deduct	*-0.37*	
09 91 23 00-0184	SF	2 Coats Paint, Sprayed, Paint Interior Corrugated Metal Ceiling	3.00	
		For Electrostatic Painting, Add	*0.51*	
		For Work >15' To 20' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.40*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.64*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.88*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.41*	
		For >100 To 250, Add	*0.70*	
		For >250 To 500, Add	*0.31*	
		For >2,500 To 5,000, Deduct	*-0.15*	
		For >5,000 To 10,000, Deduct	*-0.30*	
		For >10,000 To 20,000, Deduct	*-0.45*	
		For >20,000, Deduct	*-0.60*	

09 91 23 00-0185 Paint Interior Wood Ceilings *(09 91 23 00-0123)*

09 91 23 00-0186 Paint Interior Smooth Wood Ceilings *(09 91 23 00-0185)*

09 91 23 00-0187	SF	1 Coat Primer, Brush Work, Paint Interior Wood Smooth Ceiling	1.61	
		For Oil Based Paint, Add	*0.10*	
		For Work >15' To 20' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.31*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.49*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.68*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.98*	
		For >100 To 250, Add	*0.47*	
		For >250 To 500, Add	*0.20*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.16*	
		For >10,000 To 20,000, Deduct	*-0.24*	
		For >20,000, Deduct	*-0.32*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0188	SF	1 Coat Paint, Brush Work, Paint Interior Wood Smooth Ceiling	1.66	
		For Oil Based Paint, Add	*0.10*	
		For Work >15' To 20' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.33*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.53*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.73*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.05*	
		For >100 To 250, Add	*0.50*	
		For >250 To 500, Add	*0.22*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.17*	
		For >10,000 To 20,000, Deduct	*-0.25*	
		For >20,000, Deduct	*-0.33*	
09 91 23 00-0189	SF	2 Coats Paint, Brush Work, Paint Interior Wood Smooth Ceiling	3.03	
		For Oil Based Paint, Add	*0.18*	
		For Work >15' To 20' Above Floor, Add	*0.36*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.59*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.95*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*1.30*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.88*	
		For >100 To 250, Add	*0.90*	
		For >250 To 500, Add	*0.39*	
		For >2,500 To 5,000, Deduct	*-0.15*	
		For >5,000 To 10,000, Deduct	*-0.30*	
		For >10,000 To 20,000, Deduct	*-0.45*	
		For >20,000, Deduct	*-0.61*	
09 91 23 00-0190	SF	1 Coat Primer, Brush/Roller Work, Paint Interior Smooth Wood Ceiling	1.33	
		For Oil Based Paint, Add	*0.09*	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.36*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.49*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.73*	
		For >100 To 250, Add	*0.36*	
		For >250 To 500, Add	*0.16*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.20*	
		For >20,000, Deduct	*-0.27*	
09 91 23 00-0191	SF	1 Coat Paint, Brush/Roller Work, Paint Interior Smooth Wood Ceiling	1.41	
		For Oil Based Paint, Add	*0.09*	
		For Work >15' To 20' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.41*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.57*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.83*	
		For >100 To 250, Add	*0.40*	
		For >250 To 500, Add	*0.17*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.14*	
		For >10,000 To 20,000, Deduct	*-0.21*	
		For >20,000, Deduct	*-0.28*	
09 91 23 00-0192	SF	2 Coats Paint, Brush/Roller Work, Paint Interior Smooth Wood Ceiling	2.67	
		For Oil Based Paint, Add	*0.17*	
		For Work >15' To 20' Above Floor, Add	*0.29*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.48*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.76*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*1.05*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.54*	
		For >100 To 250, Add	*0.74*	
		For >250 To 500, Add	*0.32*	
		For >2,500 To 5,000, Deduct	*-0.13*	
		For >5,000 To 10,000, Deduct	*-0.27*	
		For >10,000 To 20,000, Deduct	*-0.40*	
		For >20,000, Deduct	*-0.53*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0193	SF	1 Coat Primer, Sprayed, Paint Interior Smooth Wood Ceiling	1.03	
		For Oil Based Paint, Add	*0.07*	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.28*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.39*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.57*	
		For >100 To 250, Add	*0.28*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.21*	
09 91 23 00-0194	SF	1 Coat Paint, Sprayed, Paint Interior Smooth Wood Ceiling	1.19	
		For Oil Based Paint, Add	*0.08*	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.47*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.69*	
		For >100 To 250, Add	*0.33*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.18*	
		For >20,000, Deduct	*-0.24*	
09 91 23 00-0195	SF	2 Coats Paint, Sprayed, Paint Interior Smooth Wood Ceiling	1.86	
		For Oil Based Paint, Add	*0.13*	
		For Work >15' To 20' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.48*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.66*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.00*	
		For >100 To 250, Add	*0.49*	
		For >250 To 500, Add	*0.21*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.19*	
		For >10,000 To 20,000, Deduct	*-0.28*	
		For >20,000, Deduct	*-0.37*	

09 91 23 00-0196 Paint Interior Wood Beams *(09 91 23 00-0123)*

09 91 23 00-0197	SF	1 Coat Primer, Brush Work, Paint Interior Wood Beams	1.77	
		For Oil Based Paint, Add	*0.11*	
		For Work >15' To 20' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.35*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.56*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.76*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.10*	
		For >100 To 250, Add	*0.52*	
		For >250 To 500, Add	*0.23*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.18*	
		For >10,000 To 20,000, Deduct	*-0.27*	
		For >20,000, Deduct	*-0.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0198	SF	1 Coat Paint, Brush Work, Paint Interior Wood Beams	1.80	
		For Oil Based Paint, Add	*0.11*	
		For Work >15' To 20' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.37*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.59*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.81*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.15*	
		For >100 To 250, Add	*0.55*	
		For >250 To 500, Add	*0.24*	
		For >2,500 To 5,000, Deduct	*-0.09*	
		For >5,000 To 10,000, Deduct	*-0.18*	
		For >10,000 To 20,000, Deduct	*-0.27*	
		For >20,000, Deduct	*-0.36*	
09 91 23 00-0199	SF	2 Coats Paint, Brush Work, Paint Interior Wood Beams	3.29	
		For Oil Based Paint, Add	*0.20*	
		For Work >15' To 20' Above Floor, Add	*0.39*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.66*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*1.05*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*1.45*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*2.07*	
		For >100 To 250, Add	*0.99*	
		For >250 To 500, Add	*0.43*	
		For >2,500 To 5,000, Deduct	*-0.16*	
		For >5,000 To 10,000, Deduct	*-0.33*	
		For >10,000 To 20,000, Deduct	*-0.49*	
		For >20,000, Deduct	*-0.66*	
09 91 23 00-0200	SF	1 Coat Primer, Brush/Roller Work, Paint Interior Wood Beams	1.45	
		For Oil Based Paint, Add	*0.09*	
		For Work >15' To 20' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.40*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.56*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.82*	
		For >100 To 250, Add	*0.40*	
		For >250 To 500, Add	*0.17*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.15*	
		For >10,000 To 20,000, Deduct	*-0.22*	
		For >20,000, Deduct	*-0.29*	
09 91 23 00-0201	SF	1 Coat Paint, Brush/Roller Work, Paint Interior Wood Beams	1.41	
		For Oil Based Paint, Add	*0.09*	
		For Work >15' To 20' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.26*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.41*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.57*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.83*	
		For >100 To 250, Add	*0.40*	
		For >250 To 500, Add	*0.17*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.14*	
		For >10,000 To 20,000, Deduct	*-0.21*	
		For >20,000, Deduct	*-0.28*	
09 91 23 00-0202	SF	2 Coats Paint, Brush/Roller Work, Paint Interior Wood Beams	2.67	
		For Oil Based Paint, Add	*0.17*	
		For Work >15' To 20' Above Floor, Add	*0.29*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.48*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.76*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*1.05*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.54*	
		For >100 To 250, Add	*0.74*	
		For >250 To 500, Add	*0.32*	
		For >2,500 To 5,000, Deduct	*-0.13*	
		For >5,000 To 10,000, Deduct	*-0.27*	
		For >10,000 To 20,000, Deduct	*-0.40*	
		For >20,000, Deduct	*-0.53*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0203	SF	1 Coat Primer, Sprayed, Paint Interior Wood Beams	1.19	
		For Oil Based Paint, Add	*0.08*	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.47*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.69*	
		For >100 To 250, Add	*0.33*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.18*	
		For >20,000, Deduct	*-0.24*	
09 91 23 00-0204	SF	1 Coat Paint, Sprayed, Paint Interior Wood Beams	1.18	
		For Oil Based Paint, Add	*0.08*	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.47*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.69*	
		For >100 To 250, Add	*0.33*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.18*	
		For >20,000, Deduct	*-0.24*	
09 91 23 00-0205	SF	2 Coats Paint, Sprayed, Paint Interior Wood Beams	2.01	
		For Oil Based Paint, Add	*0.13*	
		For Work >15' To 20' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.54*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.74*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.11*	
		For >100 To 250, Add	*0.54*	
		For >250 To 500, Add	*0.24*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.20*	
		For >10,000 To 20,000, Deduct	*-0.30*	
		For >20,000, Deduct	*-0.40*	

09 91 23 00-0206 Paint Interior Floors And Decks *(09 91 23)*

09 91 23 00-0207 Paint Interior Concrete Floors And Decks *(09 91 23 00-0206)*

09 91 23 00-0208	SF	1 Coat Primer, Brush Work, Paint Interior Concrete Floors And Decks	1.01	
		For Oil Based Paint, Add	*0.06*	
		For Epoxy Paint, Add	*0.13*	
		For Up To 100, Add	*0.60*	
		For >100 To 250, Add	*0.29*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	
09 91 23 00-0209	SF	1 Coat Paint, Brush Work, Paint Interior Concrete Floors And Decks	1.10	
		For Oil Based Paint, Add	*0.07*	
		For Epoxy Paint, Add	*0.12*	
		For Up To 100, Add	*0.69*	
		For >100 To 250, Add	*0.33*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.22*	
09 91 23 00-0210	SF	2 Coats Paint, Brush Work, Paint Interior Concrete Floors And Decks	2.17	
		For Oil Based Paint, Add	*0.13*	
		For Epoxy Paint, Add	*0.24*	
		For Up To 100, Add	*1.36*	
		For >100 To 250, Add	*0.65*	
		For >250 To 500, Add	*0.28*	
		For >2,500 To 5,000, Deduct	*-0.11*	
		For >5,000 To 10,000, Deduct	*-0.22*	
		For >10,000 To 20,000, Deduct	*-0.33*	
		For >20,000, Deduct	*-0.43*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0211	SF	1 Coat Primer, Brush/Roller Work, Paint Interior Concrete Floors And Decks	0.99	
		For Oil Based Paint, Add	*0.06*	
		For Epoxy Paint, Add	*0.13*	
		For Up To 100, Add	*0.58*	
		For >100 To 250, Add	*0.28*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	
09 91 23 00-0212	SF	1 Coat Paint, Brush/Roller Work, Paint Interior Concrete Floors And Decks	0.96	
		For Oil Based Paint, Add	*0.06*	
		For Epoxy Paint, Add	*0.11*	
		For Up To 100, Add	*0.59*	
		For >100 To 250, Add	*0.28*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.19*	
09 91 23 00-0213	SF	2 Coats Paint, Brush/Roller Work, Paint Interior Concrete Floors And Decks	1.59	
		For Oil Based Paint, Add	*0.10*	
		For Epoxy Paint, Add	*0.21*	
		For Up To 100, Add	*0.93*	
		For >100 To 250, Add	*0.45*	
		For >250 To 500, Add	*0.19*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.16*	
		For >10,000 To 20,000, Deduct	*-0.24*	
		For >20,000, Deduct	*-0.32*	
09 91 23 00-0214	SF	1 Coat Primer, Sprayed, Paint Interior Concrete Floors And Decks	0.80	
		For Oil Based Paint, Add	*0.06*	
		For Epoxy Paint, Add	*0.14*	
		For Up To 100, Add	*0.40*	
		For >100 To 250, Add	*0.20*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	
09 91 23 00-0215	SF	1 Coat Paint, Sprayed, Paint Interior Concrete Floors And Decks	0.79	
		For Oil Based Paint, Add	*0.05*	
		For Epoxy Paint, Add	*0.12*	
		For Up To 100, Add	*0.43*	
		For >100 To 250, Add	*0.21*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	
09 91 23 00-0216	SF	2 Coats Paint, Sprayed, Paint Interior Concrete Floors And Decks	1.41	
		For Oil Based Paint, Add	*0.10*	
		For Epoxy Paint, Add	*0.24*	
		For Up To 100, Add	*0.73*	
		For >100 To 250, Add	*0.36*	
		For >250 To 500, Add	*0.16*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.14*	
		For >10,000 To 20,000, Deduct	*-0.21*	
		For >20,000, Deduct	*-0.28*	
09 91 23 00-0217	SF	1 Coat Bonding Agent, Brush Work, Paint Interior Concrete Floors And Decks	1.06	
		For Up To 100, Add	*0.60*	
		For >100 To 250, Add	*0.29*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.21*	
09 91 23 00-0218	SF	1 Coat Bonding Agent, Brush/Roller Work, Paint Interior Concrete Floors And Decks	1.04	
		For Up To 100, Add	*0.59*	
		For >100 To 250, Add	*0.28*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.21*	
09 91 23 00-0219	SF	1 Coat Bonding Agent, Sprayed, Paint Interior Concrete Floors And Decks	0.86	
		For Up To 100, Add	*0.41*	
		For >100 To 250, Add	*0.20*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0220	SF	1 Coat Non-Slip Paint, Brush Work, Paint Interior Concrete Floors And Decks	2.49	
		For Up To 100, Add	*0.91*	
		For >100 To 250, Add	*0.47*	
		For >250 To 500, Add	*0.21*	
		For >2,500 To 5,000, Deduct	*-0.12*	
		For >5,000 To 10,000, Deduct	*-0.25*	
		For >10,000 To 20,000, Deduct	*-0.37*	
		For >20,000, Deduct	*-0.50*	
09 91 23 00-0221	SF	1 Coat Non-Slip Epoxy Paint, Brush Work, Paint Interior Concrete Floors And Decks (Rust-Oleum® AS91864251)	6.85	
		For Up To 100, Add	*1.56*	
		For >100 To 250, Add	*0.91*	
		For >250 To 500, Add	*0.43*	
		For >2,500 To 5,000, Deduct	*-0.34*	
		For >5,000 To 10,000, Deduct	*-0.69*	
		For >10,000 To 20,000, Deduct	*-1.03*	
		For >20,000, Deduct	*-1.37*	

09 91 23 00-0222 Paint Interior Wood Floors And Decks *(09 91 23 00-0206)*

09 91 23 00-0223	SF	1 Coat Primer, Brush Work, Paint Interior Wood Floors And Decks	1.27	
		For Oil Based Paint, Add	*0.08*	
		For Up To 100, Add	*0.72*	
		For >100 To 250, Add	*0.35*	
		For >250 To 500, Add	*0.15*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.13*	
		For >10,000 To 20,000, Deduct	*-0.19*	
		For >20,000, Deduct	*-0.25*	
09 91 23 00-0224	SF	1 Coat Paint, Brush Work, Paint Interior Wood Floors And Decks	1.36	
		For Oil Based Paint, Add	*0.08*	
		For Up To 100, Add	*0.82*	
		For >100 To 250, Add	*0.39*	
		For >250 To 500, Add	*0.17*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.14*	
		For >10,000 To 20,000, Deduct	*-0.20*	
		For >20,000, Deduct	*-0.27*	
09 91 23 00-0225	SF	2 Coats Paint, Brush Work, Paint Interior Wood Floors And Decks	2.57	
		For Oil Based Paint, Add	*0.16*	
		For Up To 100, Add	*1.53*	
		For >100 To 250, Add	*0.73*	
		For >250 To 500, Add	*0.32*	
		For >2,500 To 5,000, Deduct	*-0.13*	
		For >5,000 To 10,000, Deduct	*-0.26*	
		For >10,000 To 20,000, Deduct	*-0.39*	
		For >20,000, Deduct	*-0.51*	
09 91 23 00-0226	SF	1 Coat Primer, Brush/Roller Work, Paint Interior Wood Floors And Decks	1.06	
		For Oil Based Paint, Add	*0.08*	
		For Up To 100, Add	*0.53*	
		For >100 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.21*	
09 91 23 00-0227	SF	1 Coat Paint, Brush/Roller Work, Paint Interior Wood Floors And Decks	1.12	
		For Oil Based Paint, Add	*0.08*	
		For Up To 100, Add	*0.61*	
		For >100 To 250, Add	*0.30*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.22*	
09 91 23 00-0228	SF	2 Coats Paint, Brush/Roller Work, Paint Interior Wood Floors And Decks	2.24	
		For Oil Based Paint, Add	*0.15*	
		For Up To 100, Add	*1.22*	
		For >100 To 250, Add	*0.59*	
		For >250 To 500, Add	*0.26*	
		For >2,500 To 5,000, Deduct	*-0.11*	
		For >5,000 To 10,000, Deduct	*-0.22*	
		For >10,000 To 20,000, Deduct	*-0.34*	
		For >20,000, Deduct	*-0.45*	
09 91 23 00-0229	SF	1 Coat Primer, Sprayed, Paint Interior Wood Floors And Decks	0.85	
		For Oil Based Paint, Add	*0.06*	
		For Up To 100, Add	*0.44*	
		For >100 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.13*	
		For >20,000, Deduct	*-0.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0230	SF	1 Coat Paint, Sprayed, Paint Interior Wood Floors And Decks	1.03	
		For Oil Based Paint, Add	*0.07*	
		For Up To 100, Add	*0.57*	
		For >100 To 250, Add	*0.28*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.21*	
09 91 23 00-0231	SF	2 Coats Paint, Sprayed, Paint Interior Wood Floors And Decks	1.54	
		For Oil Based Paint, Add	*0.11*	
		For Up To 100, Add	*0.76*	
		For >100 To 250, Add	*0.37*	
		For >250 To 500, Add	*0.17*	
		For >2,500 To 5,000, Deduct	*-0.08*	
		For >5,000 To 10,000, Deduct	*-0.15*	
		For >10,000 To 20,000, Deduct	*-0.23*	
		For >20,000, Deduct	*-0.31*	
09 91 23 00-0232	SF	1 Coat Non-Slip Paint, Brush Work, Paint Interior Wood Floors And Decks	2.49	
		For Up To 100, Add	*0.91*	
		For >100 To 250, Add	*0.47*	
		For >250 To 500, Add	*0.21*	
		For >2,500 To 5,000, Deduct	*-0.12*	
		For >5,000 To 10,000, Deduct	*-0.25*	
		For >10,000 To 20,000, Deduct	*-0.37*	
		For >20,000, Deduct	*-0.50*	
09 91 23 00-0233	SF	1 Coat Non-Slip Epoxy Paint, Brush Work, Paint Interior Wood Floors And Decks	6.85	
		For Up To 100, Add	*1.56*	
		For >100 To 250, Add	*0.91*	
		For >250 To 500, Add	*0.43*	
		For >2,500 To 5,000, Deduct	*-0.34*	
		For >5,000 To 10,000, Deduct	*-0.69*	
		For >10,000 To 20,000, Deduct	*-1.03*	
		For >20,000, Deduct	*-1.37*	

09 91 23 00-0234 Paint Interior Doors And Windows *(09 91 23)*

09 91 23 00-0235 Paint Interior Door Frames *(09 91 23 00-0234)*

09 91 23 00-0236	LF	1 Coat Primer, Brush/Roller Work, Paint Interior Wood Door Frame And Trim	1.47	
		For Oil Based Paint, Add	*0.08*	
		For Painting One Face Of Frame Only, Deduct	*-0.40*	
09 91 23 00-0237	LF	1 Coat Paint, Brush/Roller Work, Paint Interior Wood Door Frame And Trim	1.89	
		For Oil Based Paint, Add	*0.10*	
		For Painting One Face Of Frame Only, Deduct	*-0.50*	
09 91 23 00-0238	LF	2 Coats Paint, Brush/Roller Work, Paint Interior Wood Door Frame And Trime	3.20	
		For Oil Based Paint, Add	*0.18*	
		For Painting One Face Of Frame Only, Deduct	*-0.85*	
09 91 23 00-0239	LF	1 Coat Primer, Brush/Roller Work, Paint Interior Metal Door Frame And Trim	1.49	
		For Oil Based Paint, Add	*0.09*	
		For Painting One Face Of Frame Only, Deduct	*-0.40*	
09 91 23 00-0240	LF	1 Coat Paint, Brush/Roller Work, Paint Interior Metal Door Frame And Trim	1.91	
		For Oil Based Paint, Add	*0.11*	
		For Painting One Face Of Frame Only, Deduct	*-0.51*	
09 91 23 00-0241	LF	2 Coats Paint, Brush/Roller Work, Paint Interior Metal Door Frame And Trim	3.23	
		For Oil Based Paint, Add	*0.18*	
		For Painting One Face Of Frame Only, Deduct	*-0.86*	

09 91 23 00-0242 Paint Interior Metal Doors *(09 91 23 00-0234)*

09 91 23 00-0243	EA	1 Coat Primer, Brush/Roller Work, One Face, Paint Interior Metal Door	74.00	
		For Electrostatic Painting, Add	*12.08*	
		For Half Louvered Door, Add	*6.42*	
		For Full Louvered Door, Add	*10.70*	
		For Oil Based Paint, Add	*5.26*	
		For >5 To 10, Deduct	*-3.70*	
		For >10 To 25, Deduct	*-7.40*	
		For >25, Deduct	*-11.10*	
09 91 23 00-0244	EA	1 Coat Paint, Brush/Roller Work, One Face, Paint Interior Metal Door	74.00	
		For Electrostatic Painting, Add	*12.08*	
		For Half Louvered Door, Add	*6.42*	
		For Full Louvered Door, Add	*10.70*	
		For Oil Based Paint, Add	*5.26*	
		For >5 To 10, Deduct	*-3.70*	
		For >10 To 25, Deduct	*-7.40*	
		For >25, Deduct	*-11.10*	
09 91 23 00-0245	EA	2 Coats Paint, Brush/Roller Work, One Face, Paint Interior Metal Door	134.31	
		For Electrostatic Painting, Add	*22.73*	
		For Half Louvered Door, Add	*10.85*	
		For Full Louvered Door, Add	*18.08*	
		For Oil Based Paint, Add	*9.82*	
		For >5 To 10, Deduct	*-6.72*	
		For >10 To 25, Deduct	*-13.43*	
		For >25, Deduct	*-20.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0246	EA	1 Coat Primer, Brush/Roller Work, Both Faces, Paint Interior Metal Door	132.81	
		For Electrostatic Painting, Add	*21.69*	
		For Half Louvered Door, Add	*11.51*	
		For Full Louvered Door, Add	*19.19*	
		For Oil Based Paint, Add	*9.44*	
		For >5 To 10, Deduct	*-6.64*	
		For >10 To 25, Deduct	*-13.28*	
		For >25, Deduct	*-19.92*	
09 91 23 00-0247	EA	1 Coat Paint, Brush/Roller Work, Both Faces, Paint Interior Metal Door	132.82	
		For Electrostatic Painting, Add	*21.69*	
		For Half Louvered Door, Add	*11.51*	
		For Full Louvered Door, Add	*19.19*	
		For Oil Based Paint, Add	*9.44*	
		For >5 To 10, Deduct	*-6.64*	
		For >10 To 25, Deduct	*-13.28*	
		For >25, Deduct	*-19.92*	
09 91 23 00-0248	EA	2 Coats Paint, Brush/Roller Work, Both Faces, Paint Interior Metal Door	241.99	
		For Electrostatic Painting, Add	*41.02*	
		For Half Louvered Door, Add	*19.48*	
		For Full Louvered Door, Add	*32.46*	
		For Oil Based Paint, Add	*17.71*	
		For >5 To 10, Deduct	*-12.10*	
		For >10 To 25, Deduct	*-24.20*	
		For >25, Deduct	*-36.30*	
09 91 23 00-0249	EA	1 Coat Primer, Sprayed, One Face, Paint Interior Metal Door	64.14	
		For Electrostatic Painting, Add	*11.56*	
		For Half Louvered Door, Add	*4.47*	
		For Full Louvered Door, Add	*7.46*	
		For Oil Based Paint, Add	*4.92*	
		For >5 To 10, Deduct	*-3.21*	
		For >10 To 25, Deduct	*-6.41*	
		For >25, Deduct	*-9.62*	
09 91 23 00-0250	EA	1 Coat Paint, Sprayed, One Face, Paint Interior Metal Door	64.14	
		For Electrostatic Painting, Add	*11.56*	
		For Half Louvered Door, Add	*4.47*	
		For Full Louvered Door, Add	*7.46*	
		For Oil Based Paint, Add	*4.92*	
		For >5 To 10, Deduct	*-3.21*	
		For >10 To 25, Deduct	*-6.41*	
		For >25, Deduct	*-9.62*	
09 91 23 00-0251	EA	2 Coats Paint, Sprayed, One Face, Paint Interior Metal Door	118.57	
		For Electrostatic Painting, Add	*22.09*	
		For Half Louvered Door, Add	*7.55*	
		For Full Louvered Door, Add	*12.59*	
		For Oil Based Paint, Add	*9.34*	
		For >5 To 10, Deduct	*-5.93*	
		For >10 To 25, Deduct	*-11.86*	
		For >25, Deduct	*-17.79*	
09 91 23 00-0252	EA	1 Coat Primer, Sprayed, Both Faces, Paint Interior Metal Door	115.15	
		For Electrostatic Painting, Add	*20.77*	
		For Half Louvered Door, Add	*8.02*	
		For Full Louvered Door, Add	*13.37*	
		For Oil Based Paint, Add	*8.84*	
		For >5 To 10, Deduct	*-5.76*	
		For >10 To 25, Deduct	*-11.52*	
		For >25, Deduct	*-17.27*	
09 91 23 00-0253	EA	1 Coat Paint, Sprayed, Both Faces, Paint Interior Metal Door	115.15	
		For Electrostatic Painting, Add	*20.77*	
		For Half Louvered Door, Add	*8.02*	
		For Full Louvered Door, Add	*13.37*	
		For Oil Based Paint, Add	*8.84*	
		For >5 To 10, Deduct	*-5.76*	
		For >10 To 25, Deduct	*-11.52*	
		For >25, Deduct	*-17.27*	
09 91 23 00-0254	EA	2 Coats Paint, Sprayed, Both Faces, Paint Interior Metal Door	213.83	
		For Electrostatic Painting, Add	*39.89*	
		For Half Louvered Door, Add	*13.57*	
		For Full Louvered Door, Add	*22.62*	
		For Oil Based Paint, Add	*16.86*	
		For >5 To 10, Deduct	*-10.69*	
		For >10 To 25, Deduct	*-21.38*	
		For >25, Deduct	*-32.07*	

09 91 23 00-0255 Paint Interior Wood Doors *(09 91 23 00-0234)*

09 91 23 00-0256	EA	1 Coat Primer, Brush/Roller Work, One Face, Paint Interior Wood Door	68.67	
		For Oil Based Paint, Add	*4.73*	
		For Half Louvered Door, Add	*6.42*	
		For Full Louvered Door, Add	*10.70*	
		For >5 To 10, Deduct	*-3.43*	
		For >10 To 25, Deduct	*-6.87*	
		For >25, Deduct	*-10.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0257	EA	1 Coat Paint, Brush/Roller Work, One Face, Paint Interior Wood Door	68.67	
		For Oil Based Paint, Add	*4.73*	
		For Half Louvered Door, Add	*6.42*	
		For Full Louvered Door, Add	*10.70*	
		For >5 To 10, Deduct	*-3.43*	
		For >10 To 25, Deduct	*-6.87*	
		For >25, Deduct	*-10.30*	
09 91 23 00-0258	EA	2 Coats Paint, Brush/Roller Work, One Face, Paint Interior Wood Door	123.73	
		For Oil Based Paint, Add	*8.76*	
		For Half Louvered Door, Add	*10.85*	
		For Full Louvered Door, Add	*18.08*	
		For >5 To 10, Deduct	*-6.19*	
		For >10 To 25, Deduct	*-12.37*	
		For >25, Deduct	*-18.56*	
09 91 23 00-0259	EA	1 Coat Primer, Brush/Roller Work, Both Faces, Paint Interior Wood Door	123.25	
		For Oil Based Paint, Add	*8.49*	
		For Half Louvered Door, Add	*11.51*	
		For Full Louvered Door, Add	*19.19*	
		For >5 To 10, Deduct	*-6.16*	
		For >10 To 25, Deduct	*-12.33*	
		For >25, Deduct	*-18.49*	
09 91 23 00-0260	EA	1 Coat Paint, Brush/Roller Work, Both Faces, Paint Interior Wood Door	123.25	
		For Oil Based Paint, Add	*8.49*	
		For Half Louvered Door, Add	*11.51*	
		For Full Louvered Door, Add	*19.19*	
		For >5 To 10, Deduct	*-6.16*	
		For >10 To 25, Deduct	*-12.33*	
		For >25, Deduct	*-18.49*	
09 91 23 00-0261	EA	2 Coats Paint, Brush/Roller Work, Both Faces, Paint Interior Wood Door	222.84	
		For Oil Based Paint, Add	*15.79*	
		For Half Louvered Door, Add	*19.48*	
		For Full Louvered Door, Add	*32.46*	
		For >5 To 10, Deduct	*-11.14*	
		For >10 To 25, Deduct	*-22.28*	
		For >25, Deduct	*-33.43*	
09 91 23 00-0262	EA	1 Coat Primer, Sprayed, One Face, Paint Interior Wood Door	58.28	
		For Oil Based Paint, Add	*4.34*	
		For Half Louvered Door, Add	*4.47*	
		For Full Louvered Door, Add	*7.46*	
		For >5 To 10, Deduct	*-2.91*	
		For >10 To 25, Deduct	*-5.83*	
		For >25, Deduct	*-8.74*	
09 91 23 00-0263	EA	1 Coat Paint, Sprayed, One Face, Paint Interior Wood Door	58.28	
		For Oil Based Paint, Add	*4.34*	
		For Half Louvered Door, Add	*4.47*	
		For Full Louvered Door, Add	*7.46*	
		For >5 To 10, Deduct	*-2.91*	
		For >10 To 25, Deduct	*-5.83*	
		For >25, Deduct	*-8.74*	
09 91 23 00-0264	EA	2 Coats Paint, Sprayed, One Face, Paint Interior Wood Door	106.94	
		For Oil Based Paint, Add	*8.18*	
		For Half Louvered Door, Add	*7.56*	
		For Full Louvered Door, Add	*12.60*	
		For >5 To 10, Deduct	*-5.35*	
		For >10 To 25, Deduct	*-10.69*	
		For >25, Deduct	*-16.04*	
09 91 23 00-0265	EA	1 Coat Primer, Sprayed, Both Faces, Paint Interior Wood Door	104.62	
		For Oil Based Paint, Add	*7.79*	
		For Half Louvered Door, Add	*8.02*	
		For Full Louvered Door, Add	*13.37*	
		For >5 To 10, Deduct	*-5.23*	
		For >10 To 25, Deduct	*-10.46*	
		For >25, Deduct	*-15.69*	
09 91 23 00-0266	EA	1 Coat Paint, Sprayed, Both Faces, Paint Interior Wood Door	104.62	
		For Oil Based Paint, Add	*7.79*	
		For Half Louvered Door, Add	*8.02*	
		For Full Louvered Door, Add	*13.37*	
		For >5 To 10, Deduct	*-5.23*	
		For >10 To 25, Deduct	*-10.46*	
		For >25, Deduct	*-15.69*	
09 91 23 00-0267	EA	2 Coats Paint, Sprayed, Both Faces, Paint Interior Wood Door	192.77	
		For Oil Based Paint, Add	*14.75*	
		For Half Louvered Door, Add	*13.57*	
		For Full Louvered Door, Add	*22.62*	
		For >5 To 10, Deduct	*-9.64*	
		For >10 To 25, Deduct	*-19.28*	
		For >25, Deduct	*-28.92*	

09 91 23 00-0268 Paint Interior Metal Windows *(09 91 23 00-0234)*
Note: Two finish coats paint over rust inhibitive primer.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0269	EA	Up To 8 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Interior Metal Window Including Trim, Brush/Roller Work	116.67	
		For Oil Based Paint, Add	*6.87*	
		For Electrostatic Painting, Add	*14.78*	
		For >5 To 10, Deduct	*-5.83*	
		For >10 To 25, Deduct	*-11.67*	
		For >25, Deduct	*-17.50*	
09 91 23 00-0270	EA	>8 To 14 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Interior Metal Window Including Trim, Brush/Roller Work	142.72	
		For Oil Based Paint, Add	*8.74*	
		For Electrostatic Painting, Add	*19.08*	
		For >5 To 10, Deduct	*-7.14*	
		For >10 To 25, Deduct	*-14.27*	
		For >25, Deduct	*-21.41*	
09 91 23 00-0271	EA	>14 To 20 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Interior Metal Window Including Trim, Brush/Roller Work	193.09	
		For Oil Based Paint, Add	*11.93*	
		For Electrostatic Painting, Add	*26.13*	
		For >5 To 10, Deduct	*-9.65*	
		For >10 To 25, Deduct	*-19.31*	
		For >25, Deduct	*-28.96*	
09 91 23 00-0272	EA	>20 To 26 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Interior Metal Window Including Trim, Brush/Roller Work	217.49	
		For Oil Based Paint, Add	*13.45*	
		For Electrostatic Painting, Add	*29.46*	
		For >5 To 10, Deduct	*-10.87*	
		For >10 To 25, Deduct	*-21.75*	
		For >25, Deduct	*-32.62*	
09 91 23 00-0273	EA	>26 To 34 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Interior Metal Window Including Trim, Brush/Roller Work	241.05	
		For Oil Based Paint, Add	*14.88*	
		For Electrostatic Painting, Add	*32.59*	
		For >5 To 10, Deduct	*-12.05*	
		For >10 To 25, Deduct	*-24.11*	
		For >25, Deduct	*-36.16*	
09 91 23 00-0274	SF	>34 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Interior Metal Window Including Trim, Brush/Roller Work	7.65	
		For Oil Based Paint, Add	*0.47*	
		For Electrostatic Painting, Add	*1.03*	

09 91 23 00-0275 Paint Interior Wood Windows *(09 91 23 00-0234)*

Note: Two finish coats paint over primer.

09 91 23 00-0276	EA	Up To 8 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Interior Wood Windows Including Trim, Brush/Roller Work	113.13	
		For Oil Based Paint, Add	*6.52*	
		For >5 To 10, Deduct	*-5.66*	
		For >10 To 25, Deduct	*-11.31*	
		For >25, Deduct	*-16.97*	
09 91 23 00-0277	EA	>8 To 14 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Interior Wood Windows Including Trim, Brush/Roller Work	137.25	
		For Oil Based Paint, Add	*8.19*	
		For >5 To 10, Deduct	*-6.86*	
		For >10 To 25, Deduct	*-13.73*	
		For >25, Deduct	*-20.59*	
09 91 23 00-0278	EA	>14 To 20 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Interior Wood Windows Including Trim, Brush/Roller Work	195.33	
		For Oil Based Paint, Add	*11.65*	
		For >5 To 10, Deduct	*-9.77*	
		For >10 To 25, Deduct	*-19.53*	
		For >25, Deduct	*-29.30*	
09 91 23 00-0279	EA	>20 To 26 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Interior Wood Windows Including Trim, Brush/Roller Work	219.97	
		For Oil Based Paint, Add	*13.13*	
		For >5 To 10, Deduct	*-11.00*	
		For >10 To 25, Deduct	*-22.00*	
		For >25, Deduct	*-33.00*	
09 91 23 00-0280	EA	>26 To 34 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Interior Wood Windows Including Trim, Brush/Roller Work	231.40	
		For Oil Based Paint, Add	*13.92*	
		For >5 To 10, Deduct	*-11.57*	
		For >10 To 25, Deduct	*-23.14*	
		For >25, Deduct	*-34.71*	
09 91 23 00-0281	SF	>34 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Interior Wood Windows Including Trim, Brush/Roller Work	7.71	
		For Oil Based Paint, Add	*0.46*	

09 91 23 00-0282 Paint Interior Security Screens *(09 91 23 00-0234)*

09 91 23 00-0283	SF	1 Coat Primer, Brush/Roller Work, Paint Interior Security Screen	1.88	
		For Oil Based Paint, Add	*0.12*	
		For Electrostatic Painting, Add	*0.26*	
09 91 23 00-0284	SF	1 Coat Paint, Brush/Roller Work, Paint Interior Security Screen	1.89	
		For Oil Based Paint, Add	*0.11*	
		For Electrostatic Painting, Add	*0.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0285	SF	2 Coats Paint, Brush/Roller Work, Paint Interior Security Screen	3.14	
		For Oil Based Paint, Add	*0.19*	
		For Electrostatic Painting, Add	*0.40*	
09 91 23 00-0286		**Paint Interior Window Guards** *(09 91 23 00-0234)*		
09 91 23 00-0287	SF	1 Coat Primer, Brush/Roller Work, Paint Interior Metal Window Guards	1.88	
		For Oil Based Paint, Add	*0.12*	
09 91 23 00-0288	SF	1 Coat Paint, Brush/Roller Work, Paint Interior Metal Window Guards	1.89	
		For Oil Based Paint, Add	*0.11*	
09 91 23 00-0289	SF	2 Coats Paint, Brush/Roller Work, Paint Interior Metal Window Guards	3.14	
		For Oil Based Paint, Add	*0.19*	
09 91 23 00-0290		**Paint Interior Window Trim** *(09 91 23 00-0234)*		
09 91 23 00-0291	LF	1 Coat Primer, Brush/Roller Work, Paint Interior Wood Window Frame And Trim	1.87	
		For Oil Based Paint, Add	*0.12*	
		For Painting One Face Of Frame Only, Deduct	*-0.54*	
09 91 23 00-0292	LF	1 Coat Paint, Brush/Roller Work, Paint Interior Wood Window Frame And Trim	1.87	
		For Oil Based Paint, Add	*0.12*	
		For Painting One Face Of Frame Only, Deduct	*-0.54*	
09 91 23 00-0293	LF	2 Coats Paint, Brush/Roller Work, Paint Interior Wood Window Frame And Trim	4.05	
		For Oil Based Paint, Add	*0.25*	
		For Painting One Face Of Frame Only, Deduct	*-1.16*	
09 91 23 00-0294	LF	1 Coat Primer, Brush/Roller Work, Paint Interior Metal Window Frame And Trim Note: Brush/roller work.	2.07	
		For Painting One Face Of Frame Only, Deduct	*-0.62*	
09 91 23 00-0295	LF	1 Coat Paint, Brush/Roller Work, Paint Interior Metal Window Frame And Trim Note: Brush/roller work.	2.07	
		For Painting One Face Of Frame Only, Deduct	*-0.62*	
09 91 23 00-0296	LF	2 Coats Paint, Brush/Roller Work, Paint Interior Metal Window Frame And Trim Note: Brush/roller work.	4.45	
		For Painting One Face Of Frame Only, Deduct	*-1.32*	
09 91 23 00-0297		**Paint Interior Cabinets And Casework** *(09 91 23)*		
09 91 23 00-0298		**Paint Interior Wood Cabinets And Casework** *(09 91 23 00-0297)*		
09 91 23 00-0299	SF	1 Coat Paint, Brush/Roller Work, Paint Interior Wood Cabinets And Casework	1.61	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.24*	
09 91 23 00-0300	SF	1 Coat Enamel Primer And 1 Coat Alkyd Or Latex Paint, Brush/Roller Work, Paint Interior Wood Cabinets And Casework	2.23	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.22*	
		For >20,000, Deduct	*-0.33*	
09 91 23 00-0301	SF	1 Coat Enamel Primer And 2 Coats Alkyd Or Latex Paint, Brush/Roller Work, Paint Interior Wood Cabinets And Casework	3.78	
		For >5,000 To 10,000, Deduct	*-0.19*	
		For >10,000 To 20,000, Deduct	*-0.38*	
		For >20,000, Deduct	*-0.57*	
09 91 23 00-0302		**Paint Exposed Metal Lockers And Cabinets** *(09 91 23 00-0297)*		
09 91 23 00-0303	SF	1 Coat Primer, Brush/Roller Work, Paint Exposed Metal Locker	1.75	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.18*	
		For >20,000, Deduct	*-0.26*	
09 91 23 00-0304	SF	1 Coat Alkyd Enamel Paint, Brush/Roller Work, Paint Exposed Metal Locker	1.74	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.17*	
		For >20,000, Deduct	*-0.26*	
09 91 23 00-0305	SF	2 Coats Alkyd Enamel Paint, Brush/Roller Work, Paint Exposed Metal Locker	3.24	
		For >5,000 To 10,000, Deduct	*-0.16*	
		For >10,000 To 20,000, Deduct	*-0.32*	
		For >20,000, Deduct	*-0.49*	
09 91 23 00-0306		**Paint Interior Stairs** *(09 91 23)*		
09 91 23 00-0307		**Paint Interior Concrete Stairs** *(09 91 23 00-0306)* Note: Includes the riser and tread.		
09 91 23 00-0308	RSR	1 Coat Primer, Brush/Roller Work, Paint Interior Concrete Stair (To 4' Wide)	22.70	
09 91 23 00-0309	RSR	1 Coat Alkyd Enamel Paint, Brush/Roller Work, Paint Interior Concrete Stair (To 4' Wide)	22.70	
09 91 23 00-0310	RSR	1 Coat Non-Slip Paint, Brush/Roller Work, Paint Interior Concrete Stair (To 4' Wide) Note: Excludes riser.	17.74	
09 91 23 00-0311	RSR	1 Coat Non-Slip Epoxy Paint, Brush/Roller Work, Paint Interior Concrete Stair (To 4' Wide) Note: Excludes riser.	35.18	
09 91 23 00-0312	RSR	2 Coats Alkyd Enamel Paint, Brush/Roller Work, Paint Interior Concrete Stair (To 4' Wide)	45.40	
09 91 23 00-0313		**Paint Interior Metal Stairs** *(09 91 23 00-0306)* Note: Includes the riser and tread.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0314	RSR	1 Coat Primer, Brush/Roller Work, Paint Interior Metal Stair (To 4' Wide)	12.48	
09 91 23 00-0315	RSR	1 Coat Alkyd Enamel Paint, Brush/Roller Work, Paint Interior Metal Stair (To 4' Wide)	12.01	
09 91 23 00-0316	RSR	2 Coats Alkyd Enamel Paint, Brush/Roller Work, Paint Interior Metal Stair (To 4' Wide)	24.02	

09 91 23 00-0317 Paint Interior Wood Stairs *(09 91 23 00-0306)*

Note: Includes the riser and tread.

09 91 23 00-0318	RSR	1 Coat Primer, Brush/Roller Work, Paint Interior Wood Stair (To 4' Wide)	11.82	
09 91 23 00-0319	RSR	1 Coat Alkyd Enamel Paint, Brush/Roller Work, Paint Interior Wood Stair (To 4' Wide)	11.82	
09 91 23 00-0320	RSR	1 Coat Non-Slip Paint, Brush/Roller Work, Paint Interior Wood Stair (To 4' Wide) Note: Excludes riser.	12.29	
09 91 23 00-0321	RSR	1 Coat Non-Slip Epoxy Paint, Brush/Roller Work, Paint Interior Wood Stair (To 4' Wide) Note: Excludes riser.	29.73	
09 91 23 00-0322	RSR	2 Coats Alkyd Enamel Paint, Brush/Roller Work, Paint Interior Wood Stair (To 4' Wide)	23.63	

09 91 23 00-0323 Paint Interior Stair Nosing *(09 91 23 00-0306)*

09 91 23 00-0324	LF	1 Coat Paint, Up To 2", Non-Slip, Brush Work, Paint Interior Yellow Stair Safety Strip	2.00	

09 91 23 00-0325 Paint Interior Trim *(09 91 23)*

09 91 23 00-0326 Paint Interior Metal Trim *(09 91 23 00-0325)*

09 91 23 00-0327	SF	1 Coat Primer, Brush Work, Paint Interior Exposed Metal Trim	1.58	
		For Work >15' To 20' Above Floor, Add *Note: Applied only to work area above 15' to 20'.*	*0.19*	
		For Work >20' To 30' Above Floor, Add *Note: Applied only to work area above 20' to 30'.*	*0.32*	
		For Work >30' To 40' Above Floor, Add *Note: Applied only to work area above 30' to 40'.*	*0.51*	
		For Work >40' Above Floor, Add *Note: Applied only to work area above 40'.*	*0.70*	
09 91 23 00-0328	SF	1 Coat Paint, Brush Work, Paint Interior Exposed Metal Trim	1.72	
		For Work >15' To 20' Above Floor, Add *Note: Applied only to work area above 15' to 20'.*	*0.21*	
		For Work >20' To 30' Above Floor, Add *Note: Applied only to work area above 20' to 30'.*	*0.36*	
		For Work >30' To 40' Above Floor, Add *Note: Applied only to work area above 30' to 40'.*	*0.57*	
		For Work >40' Above Floor, Add *Note: Applied only to work area above 40'.*	*0.78*	
09 91 23 00-0329	SF	2 Coats Paint, Brush Work, Paint Interior Exposed Metal Trim	3.10	
		For Work >15' To 20' Above Floor, Add *Note: Applied only to work area above 15' to 20'.*	*0.38*	
		For Work >20' To 30' Above Floor, Add *Note: Applied only to work area above 20' to 30'.*	*0.63*	
		For Work >30' To 40' Above Floor, Add *Note: Applied only to work area above 30' to 40'.*	*1.00*	
		For Work >40' Above Floor, Add *Note: Applied only to work area above 40'.*	*1.38*	
09 91 23 00-0330	SF	1 Coat Primer, Brush/Roller Work, Paint Interior Exposed Metal Trim	1.33	
		For Work >15' To 20' Above Floor, Add *Note: Applied only to work area above 15' to 20'.*	*0.15*	
		For Work >20' To 30' Above Floor, Add *Note: Applied only to work area above 20' to 30'.*	*0.26*	
		For Work >30' To 40' Above Floor, Add *Note: Applied only to work area above 30' to 40'.*	*0.41*	
		For Work >40' Above Floor, Add *Note: Applied only to work area above 40'.*	*0.57*	
09 91 23 00-0331	SF	1 Coat Paint, Brush/Roller Work, Paint Interior Exposed Metal Trim	1.44	
		For Work >15' To 20' Above Floor, Add *Note: Applied only to work area above 15' to 20'.*	*0.17*	
		For Work >20' To 30' Above Floor, Add *Note: Applied only to work area above 20' to 30'.*	*0.29*	
		For Work >30' To 40' Above Floor, Add *Note: Applied only to work area above 30' to 40'.*	*0.46*	
		For Work >40' Above Floor, Add *Note: Applied only to work area above 40'.*	*0.63*	
09 91 23 00-0332	SF	2 Coats Paint, Brush/Roller Work, Paint Interior Exposed Metal Trim	2.60	
		For Work >15' To 20' Above Floor, Add *Note: Applied only to work area above 15' to 20'.*	*0.30*	
		For Work >20' To 30' Above Floor, Add *Note: Applied only to work area above 20' to 30'.*	*0.50*	
		For Work >30' To 40' Above Floor, Add *Note: Applied only to work area above 30' to 40'.*	*0.80*	
		For Work >40' Above Floor, Add *Note: Applied only to work area above 40'.*	*1.11*	

09 91 23 00-0333 Paint Interior Wood Trim *(09 91 23 00-0325)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0334	LF	1 Coat Primer, Brush Work, Paint Interior Wood Trim To 6" Wide	1.00	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.36*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.49*	
		Note: Applied only to work area above 40'.		
		For Oil Based Paint, Add	*0.06*	
09 91 23 00-0335	LF	1 Coat Paint, Brush Work, Paint Interior Wood Trim To 6" Wide	1.11	
		For Work >15' To 20' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.39*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.54*	
		Note: Applied only to work area above 40'.		
		For Oil Based Paint, Add	*0.06*	
09 91 23 00-0336	LF	2 Coats Paint, Brush Work, Paint Interior Wood Trim To 6" Wide	2.29	
		For Work >15' To 20' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.53*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.84*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*1.16*	
		Note: Applied only to work area above 40'.		
		For Oil Based Paint, Add	*0.12*	
09 91 23 00-0337	SF	1 Coat Primer, Brush Work, Paint Interior Wood Trim	3.12	
		For Work >15' To 20' Above Floor, Add	*0.39*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.66*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*1.05*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*1.45*	
		Note: Applied only to work area above 40'.		
		For Oil Based Paint, Add	*0.18*	
09 91 23 00-0338	SF	1 Coat Paint, Brush Work, Paint Interior Wood Trim	3.47	
		For Work >15' To 20' Above Floor, Add	*0.44*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.73*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*1.17*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*1.61*	
		Note: Applied only to work area above 40'.		
		For Oil Based Paint, Add	*0.20*	
09 91 23 00-0339	SF	2 Coats Paint, Brush Work, Paint Interior Wood Trim	6.31	
		For Work >15' To 20' Above Floor, Add	*0.78*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*1.31*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*2.09*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*2.87*	
		Note: Applied only to work area above 40'.		
		For Oil Based Paint, Add	*0.37*	
09 91 23 00-0340	SF	1 Coat Primer, Brush/Roller Work, Paint Interior Wood Trim	2.59	
		For Work >15' To 20' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.53*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.84*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*1.16*	
		Note: Applied only to work area above 40'.		
		For Oil Based Paint, Add	*0.15*	
09 91 23 00-0341	SF	1 Coat Paint, Brush/Roller Work, Paint Interior Wood Trim	2.89	
		For Work >15' To 20' Above Floor, Add	*0.35*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.59*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.94*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*1.29*	
		Note: Applied only to work area above 40'.		
		For Oil Based Paint, Add	*0.17*	

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MINOR CSI UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0342	SF 2 Coats Paint, Brush/Roller Work, Paint Interior Wood Trim	5.23	
	For Work >15' To 20' Above Floor, Add	*0.62*	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	*1.04*	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	*1.66*	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	*2.28*	
	Note: Applied only to work area above 40'.		
	For Oil Based Paint, Add	*0.32*	

09 91 23 00-0343 Paint Interior Metal Surfaces *(09 91 23)*

09 91 23 00-0344 Paint Interior Miscellaneous Metal Surfaces *(09 91 23 00-0343)*

09 91 23 00-0345	SF 1 Coat Alkyd Anticorrosive Metal Primer, Brush/Roller Work, Paint Interior Miscellaneous Metal Surfaces	1.08	
	For Electrostatic Painting, Add	*0.15*	
	For Work >15' To 20' Above Floor, Add	*0.12*	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	*0.20*	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	*0.31*	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	*0.43*	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	*0.63*	
	For >100 To 250, Add	*0.30*	
	For >250 To 500, Add	*0.13*	
	For >2,500 To 5,000, Deduct	*-0.05*	
	For >5,000 To 10,000, Deduct	*-0.11*	
	For >10,000 To 20,000, Deduct	*-0.16*	
	For >20,000, Deduct	*-0.22*	
09 91 23 00-0346	SF 1 Coat Alkyd Enamel Paint, Brush/Roller Work, Paint Interior Miscellaneous Metal Surfaces	1.30	
	For Electrostatic Painting, Add	*0.18*	
	For Work >15' To 20' Above Floor, Add	*0.15*	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	*0.25*	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	*0.40*	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	*0.55*	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	*0.80*	
	For >100 To 250, Add	*0.38*	
	For >250 To 500, Add	*0.17*	
	For >2,500 To 5,000, Deduct	*-0.07*	
	For >5,000 To 10,000, Deduct	*-0.13*	
	For >10,000 To 20,000, Deduct	*-0.20*	
	For >20,000, Deduct	*-0.26*	
09 91 23 00-0347	SF 2 Coats Alkyd Enamel Paint, Brush/Roller Work, Paint Interior Miscellaneous Metal Surfaces	2.27	
	For Electrostatic Painting, Add	*0.31*	
	For Work >15' To 20' Above Floor, Add	*0.26*	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	*0.44*	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	*0.70*	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	*0.96*	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	*1.38*	
	For >100 To 250, Add	*0.66*	
	For >250 To 500, Add	*0.29*	
	For >2,500 To 5,000, Deduct	*-0.11*	
	For >5,000 To 10,000, Deduct	*-0.23*	
	For >10,000 To 20,000, Deduct	*-0.34*	
	For >20,000, Deduct	*-0.45*	
09 91 23 00-0348	SF 1 Coat Alkyd Anticorrosive Metal Primer, Sprayed, Paint Interior Miscellaneous Metal Surfaces	1.41	
	For Electrostatic Painting, Add	*0.19*	
	For Work >15' To 20' Above Floor, Add	*0.16*	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	*0.27*	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	*0.43*	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	*0.59*	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	*0.85*	
	For >100 To 250, Add	*0.41*	
	For >250 To 500, Add	*0.18*	
	For >2,500 To 5,000, Deduct	*-0.07*	
	For >5,000 To 10,000, Deduct	*-0.14*	
	For >10,000 To 20,000, Deduct	*-0.21*	
	For >20,000, Deduct	*-0.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0349	SF	1 Coat Alkyd Enamel Paint, Sprayed, Paint Interior Miscellaneous Metal Surfaces	1.41	
		For Electrostatic Painting, Add	*0.19*	
		For Work >15' To 20' Above Floor, Add	*0.16*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.27*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.43*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.59*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.85*	
		For >100 To 250, Add	*0.41*	
		For >250 To 500, Add	*0.18*	
		For >2,500 To 5,000, Deduct	*-0.07*	
		For >5,000 To 10,000, Deduct	*-0.14*	
		For >10,000 To 20,000, Deduct	*-0.21*	
		For >20,000, Deduct	*-0.28*	
09 91 23 00-0350	SF	2 Coats Alkyd Enamel Paint, Sprayed, Paint Interior Miscellaneous Metal Surfaces	2.28	
		For Electrostatic Painting, Add	*0.32*	
		For Work >15' To 20' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.41*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*0.66*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.90*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.33*	
		For >100 To 250, Add	*0.64*	
		For >250 To 500, Add	*0.28*	
		For >2,500 To 5,000, Deduct	*-0.11*	
		For >5,000 To 10,000, Deduct	*-0.23*	
		For >10,000 To 20,000, Deduct	*-0.34*	
		For >20,000, Deduct	*-0.46*	
09 91 23 00-0351		**Stencil Painting Letters/Numbers** *(09 91 23)*		
		Note: Painting on walls, floors, poles, etc. Includes stencil cutout and paint.		
09 91 23 00-0352	EA	Up To 1" High, Stencil Painting, Per Letter/Number	2.55	
		For >200 To 500, Deduct	*-0.20*	
		For >500 To 1,000, Deduct	*-0.32*	
		For >1,000 To 2,000, Deduct	*-0.41*	
		For >2,000, Deduct	*-0.51*	
09 91 23 00-0353	EA	1" To 2" High, Stencil Painting, Per Letter/Number	2.93	
		For >200 To 500, Deduct	*-0.23*	
		For >500 To 1,000, Deduct	*-0.37*	
		For >1,000 To 2,000, Deduct	*-0.47*	
		For >2,000, Deduct	*-0.59*	
09 91 23 00-0354	EA	2" To 3" High, Stencil Painting, Per Letter/Number	4.90	
		For >200 To 500, Deduct	*-0.39*	
		For >500 To 1,000, Deduct	*-0.61*	
		For >1,000 To 2,000, Deduct	*-0.78*	
		For >2,000, Deduct	*-0.98*	
09 91 23 00-0355	EA	3" To 4" High, Stencil Painting, Per Letter/Number	6.00	
		For >200 To 500, Deduct	*-0.48*	
		For >500 To 1,000, Deduct	*-0.75*	
		For >1,000 To 2,000, Deduct	*-0.96*	
		For >2,000, Deduct	*-1.20*	
09 91 23 00-0356	EA	4" To 6" High, Stencil Painting, Per Letter/Number	8.25	
		For >200 To 500, Deduct	*-0.66*	
		For >500 To 1,000, Deduct	*-1.03*	
		For >1,000 To 2,000, Deduct	*-1.32*	
		For >2,000, Deduct	*-1.65*	
09 91 23 00-0357	EA	6" To 12" High, Stencil Painting, Per Letter/Number	10.94	
		For >200 To 500, Deduct	*-0.88*	
		For >500 To 1,000, Deduct	*-1.37*	
		For >1,000 To 2,000, Deduct	*-1.75*	
		For >2,000, Deduct	*-2.19*	
09 91 23 00-0358	EA	Over 12" High, Stencil Painting, Per Letter/Number	12.87	
		For >200 To 500, Deduct	*-1.03*	
		For >500 To 1,000, Deduct	*-1.61*	
		For >1,000 To 2,000, Deduct	*-2.06*	
		For >2,000, Deduct	*-2.57*	
09 91 23 00-0359		**Logo Painting** *(09 91 23)*		
09 91 23 00-0360	SF	Simple Design, Paint Logo	46.67	
09 91 23 00-0361	SF	Complex Design, Paint Logo	54.78	
09 91 23 00-0362		**Paint Additives** *(09 91 23)*		
09 91 23 00-0363	SF	Mildewcide/Mold Killing Paint Additive Per Each Coat	0.02	
09 91 23 00-0364	SF	Class "B" Fire Rating, Fire Resistant Paint Additive	0.08	
		For Class "A" Fire Rating, Add	*0.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0365		**Hand Painting Letters/Numbers** *(09 91 23)*		
		Note: Painting on walls, floors, poles, signs, etc.		
09 91 23 00-0366	EA	Up To 1" High, Hand Paint, Per Letter/Number	3.10	
09 91 23 00-0367	EA	1" To 2" High, Hand Paint, Per Letter/Number	3.60	
09 91 23 00-0368	EA	2" To 3" High, Hand Paint, Per Letter/Number	5.42	
09 91 23 00-0369	EA	3" To 4" High, Hand Paint, Per Letter/Number	6.63	
09 91 23 00-0370	EA	4" To 6" High, Hand Paint, Per Letter/Number	9.13	
09 91 23 00-0371	EA	6" To 12" High, Hand Paint, Per Letter/Number	11.55	
09 91 23 00-0372	EA	Over 12" High, Hand Paint, Per Letter/Number	13.52	
09 91 23 00-0373		**Glove/Mitt Application** *(09 91 23)*		
09 91 23 00-0374		**Conduit/Pipe** *(09 91 23 00-0373)*		
09 91 23 00-0375	CSF	Acid Wash (Muriatic Acid) Conduit Or Pipe With Glove/Mitt	58.29	
		For Work >15' To 20' Above Floor, Add	*7.97*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*13.29*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*21.26*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*29.23*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0376	CSF	Metal Primer Conduit Or Pipe With Glove/Mitt	105.38	
		For Work >15' To 20' Above Floor, Add	*9.56*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*15.94*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*25.50*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*35.07*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0377	CSF	Enamel Paint, Oil Base Paint, First Coat Conduit Or Pipe With Glove/Mitt	84.25	
		For Work >15' To 20' Above Floor, Add	*7.01*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*11.69*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*18.70*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*25.72*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0378	CSF	Enamel Paint, Oil Base Paint, Second Coat Conduit Or Pipe With Glove/Mitt	70.19	
		For Work >15' To 20' Above Floor, Add	*5.26*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*8.77*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*14.03*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*19.29*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0379	CSF	Epoxy Paint, First Coat Conduit Or Pipe With Glove/Mitt	137.79	
		For Work >15' To 20' Above Floor, Add	*7.97*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*13.29*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*21.26*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*29.23*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0380	CSF	Epoxy Paint, Second Coat Conduit Or Pipe With Glove/Mitt	127.91	
		For Work >15' To 20' Above Floor, Add	*7.01*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*11.69*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*18.70*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*25.72*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0381		**Ductwork** *(09 91 23 00-0373)*		
09 91 23 00-0382	CSF	Acid Wash (Muriatic Acid) Ductwork With Glove/Mitt	58.29	
		For Work >15' To 20' Above Floor, Add	*7.97*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*13.29*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*21.26*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*29.23*	
		Note: Applied only to work area above 40'.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0383	CSF	Metal Primer Ductwork With Glove/Mitt	93.66	
		For Work >15' To 20' Above Floor, Add	*7.97*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*13.29*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*21.26*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*29.23*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0384	CSF	Enamel Paint, Oil Base Paint Ductwork With Glove/Mitt	76.55	
		For Work >15' To 20' Above Floor, Add	*6.38*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*10.63*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*17.00*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*23.38*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0385	CSF	Epoxy Paint, First Coat Ductwork With Glove/Mitt	131.72	
		For Work >15' To 20' Above Floor, Add	*7.97*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*13.29*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*21.26*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*29.23*	
		Note: Applied only to work area above 40'.		
09 91 23 00-0386	CSF	Epoxy Paint, Second Coat Ductwork With Glove/Mitt	116.18	
		For Work >15' To 20' Above Floor, Add	*6.38*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*10.63*	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	*17.00*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*23.38*	
		Note: Applied only to work area above 40'.		

09 91 33 Painting Materials *(09 91)*

Note: Paint per gallon for owners to obtain extra paint. Not to be used in conjunction with other painting tasks.

09 91 33 00-0001 Primer *(09 91 33)*

09 91 33 00-0002	GAL	Alkyd Primer/Sealer, Interior, 500 SF Per Gallon	77.18
09 91 33 00-0003	GAL	Alkyd Wood Primer, Exterior, 400 SF Per Gallon	62.77
09 91 33 00-0004	GAL	Prime Coat Oil Wood Primer, 310 SF Per Gallon	79.59
09 91 33 00-0005	GAL	Catalyzed Epoxy Primer, Two Component Type, 425 SF Per Gallon	176.62
09 91 33 00-0006	EA	Cement Base Primer, 25 LB Sack	65.64
09 91 33 00-0007	GAL	Alkali Resistant Concrete And Masonry Primer, Exterior, 225 SF Per Gallon	101.20
09 91 33 00-0008	GAL	Alkali Resistant Concrete And Masonry Primer, Interior, 225 SF Per Gallon	81.23
09 91 33 00-0009	GAL	Acrylic Latex Primer, Flat Exterior, Fast Drying Wood Undercoat And Back Primer, 400 SF per Gallon	62.77
09 91 33 00-0010	GAL	Acrylic (Vinyl Acrylic) Block Filler, 50 SF Per Gallon	57.03
09 91 33 00-0011	GAL	Acrylic (Vinyl Acrylic) Rust Inhibiting Metal, Primer - 500 SF Per Gallon: Paint - 260 SF Per Gallon	100.52
09 91 33 00-0012	GAL	Acrylic Heavy Duty Wall Primer/Sealer, Low Odor Type, Alkali-Resistant, 800 SF Per Gallon	83.69
09 91 33 00-0013	GAL	Acrylic (Vinyl Acrylic) Undercoat, All Purpose, Interior/Exterior, 500 SF Per Gallon	83.69
09 91 33 00-0014	GAL	Latex Wood Primer, Exterior, 300 SF Per Gallon	94.36
09 91 33 00-0015	GAL	Linseed (Oil Base) Primer, Exterior/Interior, 300 SF Per Gallon	61.54
09 91 33 00-0016	GAL	Red Alkyd Primer, 500 SF Per Gallon	132.09
09 91 33 00-0017	GAL	Wood Sealer/Primer, Interior, Clear, 600 SF Per Gallon	65.64
09 91 33 00-0018	GAL	Zinc Chromate Primer, 300 SF Per Gallon	52.51
09 91 33 00-0019	GAL	Zinc Dust/Zinc Oxide Primer, 300 SF Per Gallon	135.80
09 91 33 00-0020	GAL	Stain Killer, Alcohol Base	84.68
09 91 33 00-0021	GAL	Sealer, Primer Kilz, 400 SF Per Gallon	95.55

09 91 33 00-0022 Paint *(09 91 33)*

09 91 33 00-0023	GAL	Aluminum Fiber Roof Coat On Composition Roof, 50 SF Per Gallon	45.95
09 91 33 00-0024	GAL	Acrylic Urethane Sealer	227.83
09 91 33 00-0025	GAL	Asphalt-Fiber Roof And Foundation Coating, Solvent Type	24.62
		Note: 75 SF per gallon on roof or concrete, 100 SF per gallon on metal.	
09 91 33 00-0026	GAL	Concrete Enamel Epoxy, 350 SF Per Gallon	142.36
09 91 33 00-0027	GAL	Concrete Acrylic Sealer, 400 SF Per Gallon	74.67
09 91 33 00-0028	GAL	Tar Emulsion, Driveway Coating, 120 SF Per Gallon	24.62
09 91 33 00-0029	GAL	Acrylic Latex, Driveway Coating, 250 SF Per Gallon	37.33
09 91 33 00-0030	GAL	Exterior, Oil Base, Gloss Enamel, 400 SF Per Gallon	101.82
09 91 33 00-0031	GAL	Exterior, Oil Base, Gloss, 400 SF Per Gallon	100.52
09 91 33 00-0032	GAL	Exterior, Oil Base, Semi-Gloss, 400 SF Per Gallon	82.05
09 91 33 00-0033	GAL	Exterior, Flat, Oil Base	75.22
09 91 33 00-0034	GAL	Exterior, Latex, Semi-Gloss, 400 SF Per Gallon	71.39
09 91 33 00-0035	GAL	Exterior, Flat Latex, Trim Paint, 500 SF Per Gallon	84.10
09 91 33 00-0036	GAL	Exterior, Latex Flat Paint, 300 SF Per Gallon	74.67
09 91 33 00-0037	GAL	Exterior, Water Base, Latex Gloss Enamel	106.29
09 91 33 00-0038	GAL	Cold Galvanizing Paint	352.88
09 91 33 00-0039	GAL	High Heat Paint	187.01
09 91 33 00-0040	GAL	Heat Resistant Paint	124.67

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 33 00-0041	GAL	Zinc Chromate Paint	112.80	
09 91 33 00-0042	QT	Anti-Rust Enamel, 500 SF Per Quart	44.53	
09 91 33 00-0043	GAL	Rust Inhibitor, Ferrous Metal	124.67	
09 91 33 00-0044	GAL	Masonry Waterproofing, 100 SF Per Gallon	74.67	
09 91 33 00-0045	GAL	Alkyd Latex, Black	92.52	
09 91 33 00-0046	GAL	Alkyd Latex, White	84.10	
09 91 33 00-0047	GAL	Alkyd Latex, Colors	101.42	
09 91 33 00-0048	QT	Wrought Iron Paint, Black	113.79	
09 91 33 00-0049	GAL	Vinyl Paint	125.54	
09 91 33 00-0050	GAL	Silicone Alkyd	152.62	
09 91 33 00-0051	GAL	2 Component Solvent Based Acrylic Epoxy	155.08	
09 91 33 00-0052	GAL	2 Component Solvent Based Polyester Epoxy	194.47	
09 91 33 00-0053	GAL	Chlorinated Rubber	142.77	
09 91 33 00-0054	GAL	Polyamide Epoxy Sealer	147.70	
09 91 33 00-0055	GAL	Coal Tar Epoxy	105.85	
09 91 33 00-0056	GAL	Swimming Pool Enamel, 350 SF Per Gallon	132.11	
09 91 33 00-0057	GAL	Swimming Pool Epoxy Or Urethane Base	172.31	
09 91 33 00-0058	GAL	Swimming Pool Rubber Base	118.16	
09 91 33 00-0059	GAL	Interior, Latex Flat Paint, 300 SF Per Gallon	75.08	
09 91 33 00-0060	GAL	Interior, Latex Eggshell Or Semi-Gloss Enamel, 300 SF Per Gallon	92.51	
09 91 33 00-0061	GAL	Interior, Fire-Retardant Flat Paint, 200 SF Per Gallon	153.85	
09 91 33 00-0062	GAL	Interior, Ceiling White Latex Flat, 350 SF Per Gallon	52.10	
09 91 33 00-0063	GAL	Linseed Oil	45.54	
09 91 33 00-0064	GAL	Latex Floor Paint, 300 SF Per Gallon	74.67	
09 91 33 00-0065	GAL	Acrylic Floor Paint, 400 SF Per Gallon	84.10	
09 91 33 00-0066	GAL	Textured Paint, Sand Texture Latex, Armor Coat, 100 SF Per Gallon	76.92	
09 91 33 00-0067	GAL	Acoustic Spray-On Texture, Finish	61.81	

09 91 33 00-0068 Stain, Varnish *(09 91 33)*

09 91 33 00-0069	GAL	Thompson Water Sealer, 150 SF Per Gallon	42.67	
09 91 33 00-0070	GAL	Latex Redwood Stain, Water Base, 300 SF Per Gallon	79.59	
09 91 33 00-0071	GAL	Redwood Oil Stain, 300 SF Per Gallon	70.98	
09 91 33 00-0072	GAL	Varnish, Clear	43.29	
09 91 33 00-0073	GAL	Penetrating Water-Repellent Stain	31.45	
09 91 33 00-0074	GAL	Redwood Hue Or Clear Stain	28.10	
09 91 33 00-0075	GAL	Polyurethane	49.34	
09 91 33 00-0076	GAL	Lacquer, Semi-Gloss	74.89	
09 91 33 00-0077	GAL	Shellac, Clear	98.24	
09 91 33 00-0078	GAL	Acetone	32.41	
09 91 33 00-0079	GAL	Paint Thinner	8.00	
09 91 33 00-0080	GAL	Shellac Or Lacquer Thinner	32.82	
09 91 33 00-0081	GAL	Turpentine	45.13	
09 91 33 00-0082	GAL	Wood Filler Paste	77.13	
09 91 33 00-0083	GAL	Wood Preservative, Pentachlorophenol, General Purpose, 40%, 150 SF Per Gallon	61.54	
09 91 33 00-0084	GAL	Waterbased Alkyd Urethane (Sherwin Williams B53W01153)	103.41	

09 91 43 Surface Preparation *(09 91)*

See CSI section 09 01 90 52-0000 for preparation on painted or unpainted surfaces.

09 93 Staining and Transparent Finishing *(09 90)*

Note: Includes light sanding or screening between coats.

09 93 13 Exterior Staining and Finishing *(09 93)*

09 93 13 53 Exterior Finishing *(09 93 13)*

09 93 13 53-0001 Stain Sealer *(09 93 13 53)*

Note: Measured by surface area of wall or ceiling.

09 93 13 53-0002	SF	Stain Sealer, Brush Work	1.16	
		For Ceiling Work, Add	*0.16*	
		For >5,000 To 10,000, Deduct	*-0.03*	
		For >10,000 To 20,000, Deduct	*-0.06*	
		For >20,000, Deduct	*-0.10*	
09 93 13 53-0003	SF	Stain Sealer, Brush/Roller Work	0.93	
		For Ceiling Work, Add	*0.12*	
		For >5,000 To 10,000, Deduct	*-0.03*	
		For >10,000 To 20,000, Deduct	*-0.05*	
		For >20,000, Deduct	*-0.08*	
09 93 13 53-0004	SF	Stain Sealer, Sprayed	0.36	
		For Ceiling Work, Add	*0.04*	
		For >5,000 To 10,000, Deduct	*-0.01*	
		For >10,000 To 20,000, Deduct	*-0.02*	
		For >20,000, Deduct	*-0.04*	

09 93 23 Interior Staining and Finishing *(09 93)*

Note: VOC compliant in all regulated areas, review specifications for levels.

09 93 23 13 Interior Staining *(09 93 23)*

09 93 23 13-0001 Stain Wood Trim *(09 93 23 13)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 93 23 13-0002	LF	Stain Wood Trim, Up To 6" Wide, 1 Coat Stain, With Brush And Wipe Off	1.41	
		For Up To 100, Add	*1.01*	
		For >100 To 250, Add	*0.47*	
		For >250 To 500, Add	*0.20*	
		For >4,000, Deduct	*-0.07*	
09 93 23 13-0003	SF	Stain Wood Trim, 1 Coat Stain, With Brush And Wipe Off	2.09	
		For Up To 100, Add	*1.48*	
		For >100 To 250, Add	*0.70*	
		For >250 To 500, Add	*0.30*	
		For >4,000, Deduct	*-0.10*	

09 93 23 13-0004 Stain Wood Floor *(09 93 23 13)*

09 93 23 13-0005	SF	Stain Or Varnish Wood Floor, 1 Coat Stain, Brush Work	0.65	
		For Up To 100, Add	*0.40*	
		For >100 To 250, Add	*0.19*	
		For >250 To 500, Add	*0.08*	
		For >4,000, Deduct	*-0.03*	
09 93 23 13-0006	SF	Stain Or Varnish Wood Floor, 1 Coat Stain, Brush/Roller Work	0.49	
		For Up To 100, Add	*0.28*	
		For >100 To 250, Add	*0.14*	
		For >250 To 500, Add	*0.06*	
		For >4,000, Deduct	*-0.02*	

09 93 23 13-0007 Stain Wood Door And Window *(09 93 23 13)*

09 93 23 13-0008	EA	Stain Wood Door, 1 Coat Stain With Brush And Wipe Off Wood Door (Per Face)	68.10	
		For Up To 4, Add	*49.76*	
		For >4 To 10, Add	*23.29*	
		For >10 To 20, Add	*10.00*	
		For >160, Deduct	*-3.41*	
09 93 23 13-0009	EA	Stain Wood Window, 1 Coat Stain With Brush And Wipe Off Wood Window And Frame (Per Face)	48.39	
		For Up To 4, Add	*34.35*	
		For >4 To 10, Add	*16.13*	
		For >10 To 20, Add	*6.94*	
		For >160, Deduct	*-2.42*	

09 93 23 13-0010 Stain Wood Cabinet *(09 93 23 13)*

09 93 23 13-0011	SF	Stain Cabinet, 1 Coat Stain With Brush And Wipe	1.70	

09 93 23 53 Interior Finishing *(09 93 23)*

09 93 23 53-0001 Wood Trim Finishes *(09 93 23 53)*

09 93 23 53-0002	SF	Finish Wood Trim, 1 Coat Sealer And 1 Coat Varnish Or Polyurethane	1.71	
		For Up To 100, Add	*1.14*	
		For >100 To 250, Add	*0.54*	
		For >250 To 500, Add	*0.23*	
		For >4,000, Deduct	*-0.09*	
09 93 23 53-0003	SF	Finish Wood Trim, 1 Coat Varnish Or Polyurethane	1.13	
		For Up To 100, Add	*0.79*	
		For >100 To 250, Add	*0.37*	
		For >250 To 500, Add	*0.16*	
		For >4,000, Deduct	*-0.06*	

09 93 23 53-0004 Wood Floor Finishes *(09 93 23 53)*

09 93 23 53-0005	SF	Refinish Wood Floor, 2 Coats Polyurethane Note: Includes sanding existing floor.	3.36	
		For Up To 100, Add	*2.38*	
		For >100 To 250, Add	*1.12*	
		For >250 To 500, Add	*0.48*	
		For >4,000, Deduct	*-0.17*	
09 93 23 53-0006	SF	Polyurethane Wood Floor, 1 Coat Polyurethane, With Wool Applicator Or Brush Work Note: Includes screening between coats.	0.86	
		For Up To 100, Add	*0.57*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
		For >4,000, Deduct	*-0.04*	
09 93 23 53-0007	SF	Refinish Wood Floor, 1 Coat Sealer And 2 Coats Polyurethane Note: Includes sanding existing floor.	3.86	
		For Up To 100, Add	*2.69*	
		For >100 To 250, Add	*1.26*	
		For >250 To 500, Add	*0.54*	
		For >4,000, Deduct	*-0.19*	

09 93 23 53-0008 Wood Door And Window Finishes *(09 93 23 53)*

See CSI section 08 14 16 00-0627 for factory finish.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 93 23 53-0009	EA	Varnish Or Polyurethane Wood Door, 1 Coat Shellac (Per Face)	49.17	
		For Up To 4, Add	*35.84*	
		For >4 To 10, Add	*16.78*	
		For >10 To 20, Add	*7.20*	
		For >160, Deduct	*-2.46*	
09 93 23 53-0010	EA	Varnish Or Polyurethane Wood Door, 3 Coats Shellac, With Light Sanding Between Coats (Per Face)	148.99	
		For Up To 4, Add	*106.95*	
		For >4 To 10, Add	*50.15*	
		For >10 To 20, Add	*21.55*	
		For >160, Deduct	*-7.45*	

09 93 23 53-0011 Cabinet Finishes *(09 93 23 53)*

09 93 23 53-0012	SF	Finish Cabinet, 1 Coat Shellac, Varnish Or Polyurethane	1.71	

09 93 23 53-0013 Gym, Stage And Dance Floor Finishes *(09 93 23 53)*

09 93 23 53-0014	SF	Yearly Maintenance Refinish Of Gym, Stage Or Dance Floor Note: Includes screening, one coat of finish and buffing. Excludes repainting of game lines.	1.13	
09 93 23 53-0015	SF	Finish New Elementary School Wood Gym, Stage Or Dance Floor Note: Includes sanding to level, vacuuming, tack cloth wiping, seal coat, light sanding between coats, painting of all game lines, logos, court markings and solid paint areas, seal and finish coats per manufacturer's instructions, minimum four coats total with not less than two finish coats.	4.92	
		For Stage Or Dance Floors, Deduct	*-0.10*	
09 93 23 53-0016	SF	Finish New Middle Or Junior School Wood Gym, Stage Or Dance Floor Note: Includes sanding to level, vacuuming, tack cloth wiping, seal coat, light sanding between coats, painting of all game lines, logos, court markings and solid paint areas, seal and finish coats per manufacturer's instructions, minimum four coats total with not less than two finish coats.	5.03	
		For Stage Or Dance Floors, Deduct	*-0.10*	
09 93 23 53-0017	SF	Finish New High School Wood Gym, Stage Or Dance Floor Note: Includes sanding to level, vacuuming, tack cloth wiping, seal coat, light sanding between coats, painting of all game lines, logos, court markings and solid paint areas, seal and finish coats per manufacturer's instructions, minimum four coats total with not less than two finish coats.	5.13	
		For Stage Or Dance Floors, Deduct	*-0.10*	
09 93 23 53-0018	SF	Refinish Existing Elementary School Wood Gym, Stage Or Dance Floor Note: Includes removal of existing finish and sanding to level, vacuuming, tack cloth wiping, seal coat, light sanding between coats, painting of all game lines, logos, court markings and solid paint areas, seal and finish coats per manufacturer's instructions, minimum four coats total with not less than two finish coats.	4.92	
		For Stage Or Dance Floors, Deduct	*-0.10*	
09 93 23 53-0019	SF	Refinish Existing Middle Or Junior School Wood Gym, Stage Or Dance Floor Note: Includes removal of existing finish and sanding to level, vacuuming, tack cloth wiping, seal coat, light sanding between coats, painting of all game lines, logos, court markings and solid paint areas, seal and finish coats per manufacturer's instructions, minimum four coats total with not less than two finish coats.	5.03	
		For Stage Or Dance Floors, Deduct	*-0.10*	
09 93 23 53-0020	SF	Refinish Existing High School Wood Gym, Stage Or Dance Floor Note: Includes removal of existing finish and sanding to level, vacuuming, tack cloth wiping, seal coat, light sanding between coats, painting of all game lines, logos, court markings and solid paint areas, seal and finish coats per manufacturer's instructions, minimum four coats total with not less than two finish coats.	5.13	
		For Stage Or Dance Floors, Deduct	*-0.10*	

09 96 High-Performance Coatings *(09 90)*

09 96 23 Graffiti-Resistant Coatings *(09 96)*

09 96 23 00-0001 Anti-Graffiti Coating *(09 96 23)*

09 96 23 00-0002	SF	Sacrificial Anti-Graffiti Coating, Per Coat	1.73	
		For Up To 100, Add	*1.06*	
		For >100 To 250, Add	*0.51*	
		For >250 To 500, Add	*0.22*	
09 96 23 00-0003	SF	Permanent (Non-Sacrificial) Anti-Graffiti Coating, Per Coat	1.83	
		For Up To 100, Add	*1.07*	
		For >100 To 250, Add	*0.52*	
		For >250 To 500, Add	*0.22*	

09 96 53 Elastomeric Coatings *(09 96)*

09 96 53 00-0001 Elastomeric *(09 96 53)*

Note: Per coat.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 96 53 00-0002	SF	1 Coat, 5.3 To 8 Wet Mils, Brush Work, Elastomeric Primer Applied To Walls And Floors	1.05	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.22*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.47*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.67*	
		For >100 To 250, Add	*0.32*	
		For >250 To 500, Add	*0.14*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.11*	
		For >10,000 To 20,000, Deduct	*-0.16*	
		For >20,000, Deduct	*-0.21*	
09 96 53 00-0003	SF	1 Coat, 5.3 To 8 Wet Mils, Brush/Roller Work, Elastomeric Primer Applied To Walls And Floors	0.90	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.29*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.40*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.57*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.09*	
		For >10,000 To 20,000, Deduct	*-0.14*	
		For >20,000, Deduct	*-0.18*	
09 96 53 00-0004	SF	1 Coat, 5.3 To 8 Wet Mils, Sprayed, Elastomeric Primer Applied To Walls And Floors	0.74	
		For Work >15' To 20' Above Floor, Add	*0.08*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.20*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.28*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.42*	
		For >100 To 250, Add	*0.20*	
		For >250 To 500, Add	*0.09*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.07*	
		For >10,000 To 20,000, Deduct	*-0.11*	
		For >20,000, Deduct	*-0.15*	
09 96 53 00-0005	SF	1 Coat, 13 To 16 Wet Mils, Brush Work, Elastomeric Paint Applied To Walls And Floors	2.15	
		For Work >15' To 20' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.40*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.56*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.93*	
		For >100 To 250, Add	*0.47*	
		For >250 To 500, Add	*0.21*	
		For >2,500 To 5,000, Deduct	*-0.11*	
		For >5,000 To 10,000, Deduct	*-0.22*	
		For >10,000 To 20,000, Deduct	*-0.32*	
		For >20,000, Deduct	*-0.43*	
09 96 53 00-0006	SF	1 Coat, 13 To 16 Wet Mils, Brush/Roller Work, Elastomeric Paint Applied To Walls And Floors	1.99	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.47*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.81*	
		For >100 To 250, Add	*0.41*	
		For >250 To 500, Add	*0.18*	
		For >2,500 To 5,000, Deduct	*-0.10*	
		For >5,000 To 10,000, Deduct	*-0.20*	
		For >10,000 To 20,000, Deduct	*-0.30*	
		For >20,000, Deduct	*-0.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 96 53 00-0007	SF	1 Coat, 13 To 16 Wet Mils, Sprayed, Elastomeric Paint Applied To Walls And Floors	2.13	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.67*	
		For >100 To 250, Add	*0.36*	
		For >250 To 500, Add	*0.17*	
		For >2,500 To 5,000, Deduct	*-0.11*	
		For >5,000 To 10,000, Deduct	*-0.21*	
		For >10,000 To 20,000, Deduct	*-0.32*	
		For >20,000, Deduct	*-0.43*	
09 96 53 00-0008	SF	1 Coat, 5.3 To 8 Wet Mils, Brush Work, Elastomeric Primer Applied To Ceilings And Overhead	1.19	
		For Work >15' To 20' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.40*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.55*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.78*	
		For >100 To 250, Add	*0.37*	
		For >250 To 500, Add	*0.16*	
		For >2,500 To 5,000, Deduct	*-0.06*	
		For >5,000 To 10,000, Deduct	*-0.12*	
		For >10,000 To 20,000, Deduct	*-0.18*	
		For >20,000, Deduct	*-0.24*	
09 96 53 00-0009	SF	1 Coat, 5.3 To 8 Wet Mils, Brush/Roller Work, Elastomeric Primer Applied To Ceilings And Overhead	1.01	
		For Work >15' To 20' Above Floor, Add	*0.13*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.21*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.34*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.46*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.66*	
		For >100 To 250, Add	*0.31*	
		For >250 To 500, Add	*0.13*	
		For >2,500 To 5,000, Deduct	*-0.05*	
		For >5,000 To 10,000, Deduct	*-0.10*	
		For >10,000 To 20,000, Deduct	*-0.15*	
		For >20,000, Deduct	*-0.20*	
09 96 53 00-0010	SF	1 Coat, 5.3 To 8 Wet Mils, Sprayed, Elastomeric Primer Applied To Ceilings And Overhead	0.82	
		For Work >15' To 20' Above Floor, Add	*0.09*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.24*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.32*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.48*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
		For >2,500 To 5,000, Deduct	*-0.04*	
		For >5,000 To 10,000, Deduct	*-0.08*	
		For >10,000 To 20,000, Deduct	*-0.12*	
		For >20,000, Deduct	*-0.16*	
09 96 53 00-0011	SF	1 Coat, 13 To 16 Wet Mils, Brush Work, Elastomeric Paint Applied To Ceilings And Overhead	2.32	
		For Work >15' To 20' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.30*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.47*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.65*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*1.06*	
		For >100 To 250, Add	*0.53*	
		For >250 To 500, Add	*0.23*	
		For >2,500 To 5,000, Deduct	*-0.12*	
		For >5,000 To 10,000, Deduct	*-0.23*	
		For >10,000 To 20,000, Deduct	*-0.35*	
		For >20,000, Deduct	*-0.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 96 53 00-0012	SF	1 Coat, 13 To 16 Wet Mils, Brush/Roller Work, Elastomeric Paint Applied To Ceilings And Overhead	2.13	
		For Work >15' To 20' Above Floor, Add	*0.15*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.25*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.40*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.54*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.91*	
		For >100 To 250, Add	*0.46*	
		For >250 To 500, Add	*0.21*	
		For >2,500 To 5,000, Deduct	*-0.11*	
		For >5,000 To 10,000, Deduct	*-0.21*	
		For >10,000 To 20,000, Deduct	*-0.32*	
		For >20,000, Deduct	*-0.43*	
09 96 53 00-0013	SF	1 Coat, 13 To 16 Wet Mils, Sprayed, Elastomeric Paint Applied To Ceilings And Overhead	2.24	
		For Work >15' To 20' Above Floor, Add	*0.11*	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	*0.18*	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	*0.28*	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	*0.39*	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	*0.76*	
		For >100 To 250, Add	*0.40*	
		For >250 To 500, Add	*0.18*	
		For >2,500 To 5,000, Deduct	*-0.11*	
		For >5,000 To 10,000, Deduct	*-0.22*	
		For >10,000 To 20,000, Deduct	*-0.34*	
		For >20,000, Deduct	*-0.45*	

09 96 56 Epoxy Coatings *(09 96)*

09 96 56 00-0001 High Build Epoxy *(09 96 56)*

09 96 56 00-0002	SF	50 Mil, High Build Epoxy	3.80

09 96 56 00-0003 Laminated Epoxy With Fiberglass *(09 96 56)*

09 96 56 00-0004	SF	Laminated Epoxy With Fiberglass	7.15

09 96 66 Aggregate Wall Coatings *(09 96)*

09 96 66 00-0001 Troweled On *(09 96 66)*

09 96 66 00-0002	SF	Exposed Aggregate - 1/16" To 1/4" - Troweled On	4.95
09 96 66 00-0003	SF	Exposed Aggregate - 1/2" To 5/8" Troweled On	8.90
09 96 66 00-0004	SF	Exposed Aggregate - 1" Troweled On	13.21

09 96 66 00-0005 Sprayed On *(09 96 66)*

09 96 66 00-0006	SF	Exposed Aggregate - 1/8" - Sprayed On	4.02

09 97 Special Coatings *(09 90)*

09 97 13 Steel Coatings *(09 97)*

09 97 13 23 Exterior Steel Coatings *(09 97 13)*

Note: Steel Structure Painting Council, SSPC; Surface Preparation, SP.

09 97 13 23-0001 Surface Preparation For Structural Steel *(09 97 13 23)*

Note: Type 1 structural steel - up to 2 SF per LF, Type 2 structural steel - over 2 SF to 5 SF per LF, Type 3 structural steel - over 5 SF per LF, and piping - under 14" diameter.

09 97 13 23-0002 SSPC SP2 Hand Tool Cleaning Surface Preparation For Structural Steel *(09 97 13 23-0001)*

Note: Hand Tool Cleaning removes all loose mill scale, loose rust and other detrimental foreign matter. It is not intended that adherent mill scale, rust and paint be removed by this process. Mill scale, rust, and paint are considered adherent if they cannot be removed by lifting with a dull putty knife. Before hand tool cleaning, remove visible oil, grease, soluble welding residues and salts by the methods outlined in SSPC-SP1. For complete instructions, refer to Society of Protective Coatings Surface Preparation Specification No. 2 or ISO 8501-1 St 3.

09 97 13 23-0003	SF	Type 1 Structural Steel SP2 Hand Tool Cleaning Surface Preparation	1.87	
		For Up To 100, Add	*1.40*	
		For >100 To 250, Add	*0.65*	
		For >250 To 500, Add	*0.28*	
09 97 13 23-0004	SF	Type 2 Structural Steel SP2 Hand Tool Cleaning Surface Preparation	1.79	
		For Up To 100, Add	*1.34*	
		For >100 To 250, Add	*0.63*	
		For >250 To 500, Add	*0.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 97 13 23-0005	SF	Type 3 Structural Steel SP2 Hand Tool Cleaning Surface Preparation	1.79	
		For Up To 100, Add	*1.34*	
		For >100 To 250, Add	*0.63*	
		For >250 To 500, Add	*0.27*	
09 97 13 23-0006	SF	Up To 14" Diameter Pipe SP2 Hand Tool Cleaning Surface Preparation	2.43	
		For Up To 100, Add	*1.82*	
		For >100 To 250, Add	*0.85*	
		For >250 To 500, Add	*0.36*	

09 97 13 23-0007 SSPC SP3 Power Tool Cleaning Surface Preparation For Structural Steel *(09 97 13 23-0001)*

Note: Power Tool Cleaning removes all loose mill scale, loose rust and other detrimental foreign matter. It is not intended that adherent mill scale, rust and paint be removed by this process. Mill scale, rust and paint are considered adherent if they cannot be removed by lifting with a dull putty knife. Before power tool cleaning, remove visible oil, grease, soluble welding residues and salts by the methods outlined in SSPC-SP1. For complete instructions, refer to Society of Protective Coatings Surface Preparation Specification No. 3 or ISO 8501-1 St 3.

09 97 13 23-0008	SF	Type 1 Structural Steel SP3 Power Tool Cleaning Surface Preparation	2.02	
		For Up To 100, Add	*1.52*	
		For >100 To 250, Add	*0.71*	
		For >250 To 500, Add	*0.30*	
09 97 13 23-0009	SF	Type 2 Structural Steel SP3 Power Tool Cleaning Surface Preparation	1.95	
		For Up To 100, Add	*1.46*	
		For >100 To 250, Add	*0.68*	
		For >250 To 500, Add	*0.29*	
09 97 13 23-0010	SF	Type 3 Structural Steel SP3 Power Tool Cleaning Surface Preparation	1.95	
		For Up To 100, Add	*1.46*	
		For >100 To 250, Add	*0.68*	
		For >250 To 500, Add	*0.29*	
09 97 13 23-0011	SF	Up To 14" Diameter Pipe SP3 Power Tool Cleaning Surface Preparation	2.64	
		For Up To 100, Add	*1.98*	
		For >100 To 250, Add	*0.92*	
		For >250 To 500, Add	*0.40*	
09 97 13 23-0012	SF	>14" Diameter Pipe SP3 Power Tool Cleaning Surface Preparation	2.37	
		For Up To 100, Add	*1.78*	
		For >100 To 250, Add	*0.83*	
		For >250 To 500, Add	*0.36*	

09 97 13 23-0013 SSPC SP7 Brush Off Blast Cleaning Surface Preparation For Structural Steel *(09 97 13 23-0001)*

Note: A Brush-Off Blast Cleaned surface, when viewed without magnification, shall be free of all visible oil, grease, dirt, dust, loose mill scale, loose rust and loose paint. Tightly adherent mill scale, rust and paint may remain on the surface. Mill scale, rust and coating are considered adherent if they cannot be removed by lifting with a dull putty knife after abrasive blast cleaning has been performed. Before blast cleaning, visible deposits of oil or grease shall be removed by any of the methods specified in SSPC-SP1 or other agreed upon methods. For complete instructions, refer to Joint Surface Preparation Standard SSPC-SP11

09 97 13 23-0014	SF	Type 1 Structural Steel SP7 Brush Off Blast Cleaning Surface Preparation	1.23	
		For Up To 100, Add	*0.86*	
		For >100 To 250, Add	*0.41*	
		For >250 To 500, Add	*0.17*	
09 97 13 23-0015	SF	Type 2 Structural Steel SP7 Brush Off Blast Cleaning Surface Preparation	1.09	
		For Up To 100, Add	*0.76*	
		For >100 To 250, Add	*0.36*	
		For >250 To 500, Add	*0.15*	
09 97 13 23-0016	SF	Type 3 Structural Steel SP7 Brush Off Blast Cleaning Surface Preparation	1.08	
		For Up To 100, Add	*0.76*	
		For >100 To 250, Add	*0.36*	
		For >250 To 500, Add	*0.15*	
09 97 13 23-0017	SF	Up To 14" Diameter Pipe SP7 Brush Off Blast Cleaning Surface Preparation	1.54	
		For Up To 100, Add	*1.10*	
		For >100 To 250, Add	*0.51*	
		For >250 To 500, Add	*0.22*	

09 97 13 23-0018 SSPC SP6 Commercial Blast Cleaning Surface Preparation For Structural Steel *(09 97 13 23-0001)*

Note: A Commercial Blast Cleaned surface, when viewed without magnification, shall be free of all visible oil, grease, dirt, dust, mill scale, rust, paint, oxides, corrosion products and other foreign matter, except for staining. Staining shall be limited to no more than 33% of each square inch of surface area and may consist of light shadows, slight streaks or minor discoloration caused by stains of rust, stains of mill scale or stains of previously applied paint. Before blast cleaning, visible deposits of oil or grease shall be removed by any of the methods specified in SSPC-SP1 or other agreed upon methods. For complete instructions, refer to Joint Surface Preparation Standard SSPC-SP6/NACE 3 or ISO 8501-1 Sa 2.

09 97 13 23-0019	SF	Type 1 Structural Steel SP6 Commercial Blast Cleaning Surface Preparation	3.17	
		For Up To 100, Add	*2.28*	
		For >100 To 250, Add	*1.07*	
		For >250 To 500, Add	*0.46*	
09 97 13 23-0020	SF	Type 2 Structural Steel SP6 Commercial Blast Cleaning Surface Preparation	2.75	
		For Up To 100, Add	*1.96*	
		For >100 To 250, Add	*0.92*	
		For >250 To 500, Add	*0.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 97 13 23-0021	SF	Type 3 Structural Steel SP6 Commercial Blast Cleaning Surface Preparation	2.56	
		For Up To 100, Add	*1.82*	
		For >100 To 250, Add	*0.85*	
		For >250 To 500, Add	*0.37*	
09 97 13 23-0022	SF	Up To 14" Diameter Pipe SP6 Commercial Blast Cleaning Surface Preparation	3.98	
		For Up To 100, Add	*2.88*	
		For >100 To 250, Add	*1.35*	
		For >250 To 500, Add	*0.58*	

09 97 13 23-0023 SSPC SP5 White Metal Blast Cleaning Surface Preparation For Structural Steel *(09 97 13 23-0001)*

Note: A White Metal Blast Cleaned surface, when viewed without magnification, shall be free of all visible oil, grease, dirt, dust, mill scale, rust, paint, oxides, corrosion products and other foreign matter. Before blast cleaning, visible deposits of oil or grease shall be removed by any of the methods specified in SSPC-SP1 or other agreed upon methods. For complete Instructions, refer to Joint Surface Preparation Standard SSPC-SP5/NACE 1 or ISO 8501-1 Sa 3.

09 97 13 23-0024	SF	Type 1 Structural Steel SP5 White Metal Blast Cleaning Surface Preparation	6.17	
		For Up To 100, Add	*4.45*	
		For >100 To 250, Add	*2.08*	
		For >250 To 500, Add	*0.90*	
09 97 13 23-0025	SF	Type 2 Structural Steel SP5 White Metal Blast Cleaning Surface Preparation	5.27	
		For Up To 100, Add	*3.78*	
		For >100 To 250, Add	*1.77*	
		For >250 To 500, Add	*0.76*	
09 97 13 23-0026	SF	Type 3 Structural Steel SP5 White Metal Blast Cleaning Surface Preparation	4.84	
		For Up To 100, Add	*3.46*	
		For >100 To 250, Add	*1.62*	
		For >250 To 500, Add	*0.70*	
09 97 13 23-0027	SF	Up To 14" Diameter Pipe SP5 White Metal Blast Cleaning Surface Preparation	7.47	
		For Up To 100, Add	*5.42*	
		For >100 To 250, Add	*2.54*	
		For >250 To 500, Add	*1.09*	

09 97 13 23-0028 SSPC SP10 Near White Metal Blast Cleaning Surface Preparation For Structural Steel *(09 97 13 23-0001)*

Note: A Near-White Blast Cleaned surface, when viewed without magnification, shall be free of all visible oil, grease, dirt, dust, mill scale, rust, paint, oxides, corrosion products and other foreign matter, except for staining. Staining shall be limited to no more than 5 percent of each square inch of surface area and may consist of light shadows, slight streaks or minor discoloration caused by stains of rust, stains of mill scale or stains of previously applied paint. Before blast cleaning, visible deposits of oil or grease shall be removed by any of the methods specified in SSPC-SP1 or other agreed upon methods. For complete instructions, refer to Joint Surface Preparation Standard SSPC-SP10/NACE 2 or ISO 8501-1 Sa 2.5.

09 97 13 23-0029	SF	Type 1 Structural Steel SP10 Near White Metal Blast Cleaning Surface Preparation	4.58	
		For Up To 100, Add	*3.29*	
		For >100 To 250, Add	*1.54*	
		For >250 To 500, Add	*0.66*	
09 97 13 23-0030	SF	Type 2 Structural Steel SP10 Near White Metal Blast Cleaning Surface Preparation	3.90	
		For Up To 100, Add	*2.80*	
		For >100 To 250, Add	*1.31*	
		For >250 To 500, Add	*0.56*	
09 97 13 23-0031	SF	Type 3 Structural Steel SP10 Near White Metal Blast Cleaning Surface Preparation	3.69	
		For Up To 100, Add	*2.64*	
		For >100 To 250, Add	*1.24*	
		For >250 To 500, Add	*0.53*	
09 97 13 23-0032	SF	Up To 14" Diameter Pipe SP10 Near White Metal Blast Cleaning Surface Preparation	5.43	
		For Up To 100, Add	*3.95*	
		For >100 To 250, Add	*1.85*	
		For >250 To 500, Add	*0.79*	

09 97 13 23-0033 Protective Coatings For Tanks And Structural Steel *(09 97 13 23)*

Note: Type 1 structural steel - up to 2 SF per LF, Type 2 structural steel - over 2 SF to 5 SF per LF, Type 3 structural steel - over 5 SF per LF, and piping - under 14" diameter.

09 97 13 23-0034 1.5 Mil Prime Coat For Structural Steel *(09 97 13 23-0033)*

09 97 13 23-0035	SF	Spray Type 1 Structural Steel 1.5 Mil Prime Coat	1.32	
		For Up To 100, Add	*0.87*	
		For >100 To 250, Add	*0.41*	
		For >250 To 500, Add	*0.18*	
09 97 13 23-0036	SF	Spray Type 2 Structural Steel 1.5 Mil Prime Coat	0.98	
		For Up To 100, Add	*0.63*	
		For >100 To 250, Add	*0.30*	
		For >250 To 500, Add	*0.13*	
09 97 13 23-0037	SF	Spray Type 3 Structural Steel 1.5 Mil Prime Coat	0.88	
		For Up To 100, Add	*0.56*	
		For >100 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.12*	
09 97 13 23-0038	SF	Spray Up To 14" Diameter Pipe 1.5 Mil Prime Coat	1.57	
		For Up To 100, Add	*1.06*	
		For >100 To 250, Add	*0.50*	
		For >250 To 500, Add	*0.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 97 13 23-0039	SF	Brush Type 1 Structural Steel 1.5 Mil Prime Coat	1.81	
		For Up To 100, Add	*1.24*	
		For >100 To 250, Add	*0.58*	
		For >250 To 500, Add	*0.25*	
09 97 13 23-0040	SF	Brush Type 2 Structural Steel 1.5 Mil Prime Coat	1.34	
		For Up To 100, Add	*0.90*	
		For >100 To 250, Add	*0.43*	
		For >250 To 500, Add	*0.18*	
09 97 13 23-0041	SF	Brush Type 3 Structural Steel 1.5 Mil Prime Coat	1.20	
		For Up To 100, Add	*0.80*	
		For >100 To 250, Add	*0.38*	
		For >250 To 500, Add	*0.16*	
09 97 13 23-0042	SF	Brush Up To 14" Diameter Pipe 1.5 Mil Prime Coat	2.17	
		For Up To 100, Add	*1.51*	
		For >100 To 250, Add	*0.71*	
		For >250 To 500, Add	*0.31*	
09 97 13 23-0043		**1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats For Structural Steel** *(09 97 13 23-0033)*		
09 97 13 23-0044	SF	Spray Type 1 Structural Steel 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats	3.87	
		For Up To 100, Add	*2.53*	
		For >100 To 250, Add	*1.20*	
		For >250 To 500, Add	*0.52*	
09 97 13 23-0045	SF	Spray Type 2 Structural Steel 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats	2.79	
		For Up To 100, Add	*1.76*	
		For >100 To 250, Add	*0.84*	
		For >250 To 500, Add	*0.36*	
09 97 13 23-0046	SF	Spray Type 3 Structural Steel 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats	2.58	
		For Up To 100, Add	*1.60*	
		For >100 To 250, Add	*0.76*	
		For >250 To 500, Add	*0.33*	
09 97 13 23-0047	SF	Spray Up To 14" Diameter Pipe 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats	4.70	
		For Up To 100, Add	*3.14*	
		For >100 To 250, Add	*1.49*	
		For >250 To 500, Add	*0.64*	
09 97 13 23-0048	SF	Spray Type 1 Structural Steel 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats	2.89	
		For Up To 100, Add	*1.89*	
		For >100 To 250, Add	*0.90*	
		For >250 To 500, Add	*0.39*	
09 97 13 23-0049	SF	Spray Type 2 Structural Steel 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats	2.09	
		For Up To 100, Add	*1.32*	
		For >100 To 250, Add	*0.63*	
		For >250 To 500, Add	*0.27*	
09 97 13 23-0050	SF	Spray Type 3 Structural Steel 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats	1.94	
		For Up To 100, Add	*1.20*	
		For >100 To 250, Add	*0.57*	
		For >250 To 500, Add	*0.25*	
09 97 13 23-0051	SF	Spray Up To 14" Diameter Pipe 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats	3.52	
		For Up To 100, Add	*2.35*	
		For >100 To 250, Add	*1.11*	
		For >250 To 500, Add	*0.48*	
09 97 13 23-0052	SF	Brush Type 1 Structural Steel 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats	5.74	
		For Up To 100, Add	*3.93*	
		For >100 To 250, Add	*1.85*	
		For >250 To 500, Add	*0.80*	
09 97 13 23-0053	SF	Brush Type 2 Structural Steel 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats	4.08	
		For Up To 100, Add	*2.72*	
		For >100 To 250, Add	*1.29*	
		For >250 To 500, Add	*0.56*	
09 97 13 23-0054	SF	Brush Type 3 Structural Steel 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats	3.76	
		For Up To 100, Add	*2.48*	
		For >100 To 250, Add	*1.18*	
		For >250 To 500, Add	*0.51*	
09 97 13 23-0055	SF	Brush Up To 14" Diameter Pipe 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats	7.03	
		For Up To 100, Add	*4.89*	
		For >100 To 250, Add	*2.30*	
		For >250 To 500, Add	*0.99*	
09 97 13 23-0056	SF	Brush Type 1 Structural Steel 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats	4.30	
		For Up To 100, Add	*2.95*	
		For >100 To 250, Add	*1.39*	
		For >250 To 500, Add	*0.60*	
09 97 13 23-0057	SF	Brush Type 2 Structural Steel 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats	3.05	
		For Up To 100, Add	*2.04*	
		For >100 To 250, Add	*0.96*	
		For >250 To 500, Add	*0.42*	
09 97 13 23-0058	SF	Brush Type 3 Structural Steel 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats	2.81	
		For Up To 100, Add	*1.86*	
		For >100 To 250, Add	*0.88*	
		For >250 To 500, Add	*0.38*	
09 97 13 23-0059	SF	Brush Up To 14" Diameter Pipe 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats	5.27	
		For Up To 100, Add	*3.66*	
		For >100 To 250, Add	*1.72*	
		For >250 To 500, Add	*0.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 97 13 23-0060		**Touch-Up And Two 1.5 Mil Alkyd Finish Coats For Structural Steel** *(09 97 13 23-0033)*		
09 97 13 23-0061	SF	Spray Type 1 Structural Steel Touch-Up And Two 1.5 Mil Alkyd Finish Coats	2.99	
		For Up To 100, Add	*1.97*	
		For >100 To 250, Add	*0.93*	
		For >250 To 500, Add	*0.40*	
09 97 13 23-0062	SF	Spray Type 2 Structural Steel Touch-Up And Two 1.5 Mil Alkyd Finish Coats	2.43	
		For Up To 100, Add	*1.58*	
		For >100 To 250, Add	*0.75*	
		For >250 To 500, Add	*0.32*	
09 97 13 23-0063	SF	Spray Type 3 Structural Steel Touch-Up And Two 1.5 Mil Alkyd Finish Coats	2.24	
		For Up To 100, Add	*1.43*	
		For >100 To 250, Add	*0.68*	
		For >250 To 500, Add	*0.30*	
09 97 13 23-0064	SF	Spray Up To 14" Diameter Pipe Touch-Up And Two 1.5 Mil Alkyd Finish Coats	3.71	
		For Up To 100, Add	*2.51*	
		For >100 To 250, Add	*1.18*	
		For >250 To 500, Add	*0.51*	
09 97 13 23-0065	SF	Spray Type 1 Structural Steel Touch-Up And One 1.5 Mil Alkyd Finish Coat	1.91	
		For Up To 100, Add	*1.26*	
		For >100 To 250, Add	*0.60*	
		For >250 To 500, Add	*0.26*	
09 97 13 23-0066	SF	Spray Type 2 Structural Steel Touch-Up And One 1.5 Mil Alkyd Finish Coat	1.55	
		For Up To 100, Add	*1.01*	
		For >100 To 250, Add	*0.48*	
		For >250 To 500, Add	*0.21*	
09 97 13 23-0067	SF	Spray Type 3 Structural Steel Touch-Up And One 1.5 Mil Alkyd Finish Coat	1.43	
		For Up To 100, Add	*0.92*	
		For >100 To 250, Add	*0.44*	
		For >250 To 500, Add	*0.19*	
09 97 13 23-0068	SF	Spray Up To 14" Diameter Pipe Touch-Up And One 1.5 Mil Alkyd Finish Coat	2.38	
		For Up To 100, Add	*1.61*	
		For >100 To 250, Add	*0.76*	
		For >250 To 500, Add	*0.33*	
09 97 13 23-0069	SF	Brush Type 1 Structural Steel Touch-Up And Two 1.5 Mil Alkyd Finish Coats	4.10	
		For Up To 100, Add	*2.81*	
		For >100 To 250, Add	*1.32*	
		For >250 To 500, Add	*0.57*	
09 97 13 23-0070	SF	Brush Type 2 Structural Steel Touch-Up And Two 1.5 Mil Alkyd Finish Coats	3.32	
		For Up To 100, Add	*2.24*	
		For >100 To 250, Add	*1.06*	
		For >250 To 500, Add	*0.46*	
09 97 13 23-0071	SF	Brush Type 3 Structural Steel Touch-Up And Two 1.5 Mil Alkyd Finish Coats	3.03	
		For Up To 100, Add	*2.03*	
		For >100 To 250, Add	*0.96*	
		For >250 To 500, Add	*0.41*	
09 97 13 23-0072	SF	Brush Up To 14" Diameter Pipe Touch-Up And Two 1.5 Mil Alkyd Finish Coats	5.12	
		For Up To 100, Add	*3.56*	
		For >100 To 250, Add	*1.68*	
		For >250 To 500, Add	*0.72*	
09 97 13 23-0073	SF	Brush Type 1 Structural Steel Touch-Up And One 1.5 Mil Alkyd Finish Coat	2.62	
		For Up To 100, Add	*1.79*	
		For >100 To 250, Add	*0.84*	
		For >250 To 500, Add	*0.36*	
09 97 13 23-0074	SF	Brush Type 2 Structural Steel Touch-Up And One 1.5 Mil Alkyd Finish Coat	2.13	
		For Up To 100, Add	*1.44*	
		For >100 To 250, Add	*0.68*	
		For >250 To 500, Add	*0.29*	
09 97 13 23-0075	SF	Brush Type 3 Structural Steel Touch-Up And One 1.5 Mil Alkyd Finish Coat	1.94	
		For Up To 100, Add	*1.30*	
		For >100 To 250, Add	*0.61*	
		For >250 To 500, Add	*0.27*	
09 97 13 23-0076	SF	Brush Up To 14" Diameter Pipe Touch-Up And One 1.5 Mil Alkyd Finish Coat	3.29	
		For Up To 100, Add	*2.29*	
		For >100 To 250, Add	*1.08*	
		For >250 To 500, Add	*0.46*	
09 97 13 23-0077		**2 Mil Prime And Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats For Structural Steel** *(09 97 13 23-0033)*		
09 97 13 23-0078	SF	Spray Type 1 Structural Steel 2 Mil Prime And Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats	4.90	
		For Up To 100, Add	*2.93*	
		For >100 To 250, Add	*1.40*	
		For >250 To 500, Add	*0.61*	
09 97 13 23-0079	SF	Spray Type 2 Structural Steel 2 Mil Prime And Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats	3.56	
		For Up To 100, Add	*1.99*	
		For >100 To 250, Add	*0.96*	
		For >250 To 500, Add	*0.42*	
09 97 13 23-0080	SF	Spray Type 3 Structural Steel 2 Mil Prime And Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats	3.15	
		For Up To 100, Add	*1.68*	
		For >100 To 250, Add	*0.82*	
		For >250 To 500, Add	*0.36*	
09 97 13 23-0081	SF	Spray Up To 14" Diameter Pipe 2 Mil Prime And Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats	5.55	
		For Up To 100, Add	*3.39*	
		For >100 To 250, Add	*1.62*	
		For >250 To 500, Add	*0.70*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 97 13 23-0082	SF	Spray Type 1 Structural Steel Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats	3.43	
		For Up To 100, Add	*2.05*	
		For >100 To 250, Add	*0.98*	
		For >250 To 500, Add	*0.43*	
09 97 13 23-0083	SF	Spray Type 2 Structural Steel Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats	2.50	
		For Up To 100, Add	*1.40*	
		For >100 To 250, Add	*0.68*	
		For >250 To 500, Add	*0.30*	
09 97 13 23-0084	SF	Spray Type 3 Structural Steel Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats	2.21	
		For Up To 100, Add	*1.18*	
		For >100 To 250, Add	*0.58*	
		For >250 To 500, Add	*0.25*	
09 97 13 23-0085	SF	Spray Up To 14" Diameter Pipe Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats	3.88	
		For Up To 100, Add	*2.37*	
		For >100 To 250, Add	*1.13*	
		For >250 To 500, Add	*0.49*	

09 97 13 23-0086 2 Mil Prime And Two 6 Mil High Build Epoxy Finish Coats For Structural Steel *(09 97 13 23-0033)*

09 97 13 23-0087	SF	Spray Type 1 Structural Steel 2 Mil Prime And Two 6 Mil High Build Epoxy Finish Coats	5.25	
		For Up To 100, Add	*2.98*	
		For >100 To 250, Add	*1.44*	
		For >250 To 500, Add	*0.63*	
09 97 13 23-0088	SF	Spray Type 2 Structural Steel 2 Mil Prime And Two 6 Mil High Build Epoxy Finish Coats	3.88	
		For Up To 100, Add	*2.04*	
		For >100 To 250, Add	*1.00*	
		For >250 To 500, Add	*0.44*	
09 97 13 23-0089	SF	Spray Type 3 Structural Steel 2 Mil Prime And Two 6 Mil High Build Epoxy Finish Coats	3.47	
		For Up To 100, Add	*1.73*	
		For >100 To 250, Add	*0.85*	
		For >250 To 500, Add	*0.38*	
09 97 13 23-0090	SF	Spray Up To 14" Diameter Pipe 2 Mil Prime And Two 6 Mil High Build Epoxy Finish Coats	5.91	
		For Up To 100, Add	*3.44*	
		For >100 To 250, Add	*1.66*	
		For >250 To 500, Add	*0.72*	
09 97 13 23-0091	SF	Spray Type 1 Structural Steel Two 6 Mil High Build Epoxy Finish Coats	4.30	
		For Up To 100, Add	*2.44*	
		For >100 To 250, Add	*1.18*	
		For >250 To 500, Add	*0.51*	
09 97 13 23-0092	SF	Spray Type 2 Structural Steel Two 6 Mil High Build Epoxy Finish Coats	3.18	
		For Up To 100, Add	*1.67*	
		For >100 To 250, Add	*0.82*	
		For >250 To 500, Add	*0.36*	
09 97 13 23-0093	SF	Spray Type 3 Structural Steel Two 6 Mil High Build Epoxy Finish Coats	2.85	
		For Up To 100, Add	*1.42*	
		For >100 To 250, Add	*0.70*	
		For >250 To 500, Add	*0.31*	
09 97 13 23-0094	SF	Spray Up To 14" Diameter Pipe Two 6 Mil High Build Epoxy Finish Coats	4.85	
		For Up To 100, Add	*2.82*	
		For >100 To 250, Add	*1.36*	
		For >250 To 500, Add	*0.59*	

09 97 13 23-0095 1 Mil Prime, Three 2.33 Mil Body Coats And Two 1 Mil Vinyl Finish Coats For Structural Steel *(09 97 13 23-0033)*

09 97 13 23-0096	SF	Spray Type 1 Structural Steel 1 Mil Prime, Three 2.33 Mil Body Coats And Two 1 Mil Vinyl Finish Coats	10.99	
		For Up To 100, Add	*6.39*	
		For >100 To 250, Add	*3.08*	
		For >250 To 500, Add	*1.34*	
09 97 13 23-0097	SF	Spray Type 2 Structural Steel 1 Mil Prime, Three 2.33 Mil Body Coats And Two 1 Mil Vinyl Finish Coats	8.34	
		For Up To 100, Add	*4.60*	
		For >100 To 250, Add	*2.23*	
		For >250 To 500, Add	*0.98*	
09 97 13 23-0098	SF	Spray Type 3 Structural Steel 1 Mil Prime, Three 2.33 Mil Body Coats And Two 1 Mil Vinyl Finish Coats	8.03	
		For Up To 100, Add	*4.37*	
		For >100 To 250, Add	*2.12*	
		For >250 To 500, Add	*0.93*	
09 97 13 23-0099	SF	Spray Up To 14" Diameter Pipe 1 Mil Prime, Three 2.33 Mil Body Coats And Two 1 Mil Vinyl Finish Coats	12.78	
		For Up To 100, Add	*7.70*	
		For >100 To 250, Add	*3.69*	
		For >250 To 500, Add	*1.60*	

09 97 13 23-0100 1.5 Mil Prime And Two 4 Mil High Build Vinyl Finish Coats For Structural Steel *(09 97 13 23-0033)*

09 97 13 23-0101	SF	Spray Type 1 Structural Steel 1.5 Mil Prime And Two 4 Mil High Build Vinyl Finish Coats	5.78	
		For Up To 100, Add	*3.12*	
		For >100 To 250, Add	*1.52*	
		For >250 To 500, Add	*0.66*	
09 97 13 23-0102	SF	Spray Type 2 Structural Steel 1.5 Mil Prime And Two 4 Mil High Build Vinyl Finish Coats	4.56	
		For Up To 100, Add	*2.21*	
		For >100 To 250, Add	*1.09*	
		For >250 To 500, Add	*0.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 97 13 23-0103	SF	Spray Type 3 Structural Steel 1.5 Mil Prime And Two 4 Mil High Build Vinyl Finish Coats	4.35	
		For Up To 100, Add	*2.05*	
		For >100 To 250, Add	*1.02*	
		For >250 To 500, Add	*0.45*	
09 97 13 23-0104	SF	Spray Up To 14" Diameter Pipe 1.5 Mil Prime And Two 4 Mil High Build Vinyl Finish Coats	6.56	
		For Up To 100, Add	*3.66*	
		For >100 To 250, Add	*1.77*	
		For >250 To 500, Add	*0.77*	
09 97 13 23-0105	SF	Spray Type 1 Structural Steel Two 4 Mil High Build Vinyl Finish Coats	4.58	
		For Up To 100, Add	*2.47*	
		For >100 To 250, Add	*1.20*	
		For >250 To 500, Add	*0.53*	
09 97 13 23-0106	SF	Spray Type 2 Structural Steel Two 4 Mil High Build Vinyl Finish Coats	3.59	
		For Up To 100, Add	*1.74*	
		For >100 To 250, Add	*0.86*	
		For >250 To 500, Add	*0.38*	
09 97 13 23-0107	SF	Spray Type 3 Structural Steel Two 4 Mil High Build Vinyl Finish Coats	3.43	
		For Up To 100, Add	*1.62*	
		For >100 To 250, Add	*0.80*	
		For >250 To 500, Add	*0.36*	
09 97 13 23-0108	SF	Spray Up To 14" Diameter Pipe Two 4 Mil High Build Vinyl Finish Coats	5.18	
		For Up To 100, Add	*2.89*	
		For >100 To 250, Add	*1.40*	
		For >250 To 500, Add	*0.61*	

09 97 13 23-0109 Two 8 Mil Coal Tar Epoxy Coats For Structural Steel *(09 97 13 23-0033)*

09 97 13 23-0110	SF	Spray Type 1 Structural Steel Two 8 Mil Coal Tar Epoxy Coats	4.90	
		For Up To 100, Add	*2.99*	
		For >100 To 250, Add	*1.43*	
		For >250 To 500, Add	*0.62*	
09 97 13 23-0111	SF	Spray Type 2 Structural Steel Two 8 Mil Coal Tar Epoxy Coats	3.99	
		For Up To 100, Add	*2.36*	
		For >100 To 250, Add	*1.13*	
		For >250 To 500, Add	*0.49*	
09 97 13 23-0112	SF	Spray Type 3 Structural Steel Two 8 Mil Coal Tar Epoxy Coats	3.69	
		For Up To 100, Add	*2.14*	
		For >100 To 250, Add	*1.03*	
		For >250 To 500, Add	*0.45*	
09 97 13 23-0113	SF	Spray Up To 14" Diameter Pipe Two 8 Mil Coal Tar Epoxy Coats	6.06	
		For Up To 100, Add	*3.83*	
		For >100 To 250, Add	*1.82*	
		For >250 To 500, Add	*0.79*	

09 97 13 23-0114 One 1 Mil Primer, One 3 Mil Intermediate And One 1 Mil Chlorinated Rubber Finish Coat For Structural Steel *(09 97 13 23-0033)*

09 97 13 23-0115	SF	Spray Type 1 Structural Steel One 1 Mil Primer, One 3 Mil Intermediate And One 1 Mil Chlorinated Rubber Finish Coat	4.72	
		For Up To 100, Add	*3.02*	
		For >100 To 250, Add	*1.43*	
		For >250 To 500, Add	*0.62*	
09 97 13 23-0116	SF	Spray Type 2 Structural Steel One 1 Mil Primer, One 3 Mil Intermediate And One 1 Mil Chlorinated Rubber Finish Coat	3.36	
		For Up To 100, Add	*2.03*	
		For >100 To 250, Add	*0.97*	
		For >250 To 500, Add	*0.42*	
09 97 13 23-0117	SF	Spray Type 3 Structural Steel One 1 Mil Primer, One 3 Mil Intermediate And One 1 Mil Chlorinated Rubber Finish Coat	2.84	
		For Up To 100, Add	*1.64*	
		For >100 To 250, Add	*0.79*	
		For >250 To 500, Add	*0.34*	
09 97 13 23-0118	SF	Spray Up To 14" Diameter Pipe One 1 Mil Primer, One 3 Mil Intermediate And One 1 Mil Chlorinated Rubber Finish Coat	5.39	
		For Up To 100, Add	*3.48*	
		For >100 To 250, Add	*1.65*	
		For >250 To 500, Add	*0.72*	

09 97 13 23-0119 One 3 Mil High Zinc Silicate Coat For Structural Steel *(09 97 13 23-0033)*

09 97 13 23-0120	SF	Spray Type 1 Structural Steel One 3 Mil High Zinc Silicate Coat	2.53	
		For Up To 100, Add	*1.35*	
		For >100 To 250, Add	*0.66*	
		For >250 To 500, Add	*0.29*	
09 97 13 23-0121	SF	Spray Type 2 Structural Steel One 3 Mil High Zinc Silicate Coat	1.85	
		For Up To 100, Add	*0.89*	
		For >100 To 250, Add	*0.44*	
		For >250 To 500, Add	*0.19*	
09 97 13 23-0122	SF	Spray Type 3 Structural Steel One 3 Mil High Zinc Silicate Coat	1.74	
		For Up To 100, Add	*0.81*	
		For >100 To 250, Add	*0.40*	
		For >250 To 500, Add	*0.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 97 13 23-0123	SF	Spray Up To 14" Diameter Pipe One 3 Mil High Zinc Silicate Coat	2.67	
		For Up To 100, Add	*1.44*	
		For >100 To 250, Add	*0.70*	
		For >250 To 500, Add	*0.31*	

09 97 13 23-0124 Two 1.5 Mil Vinyl Enamel Finish Coats For Structural Steel *(09 97 13 23-0033)*

Note: Installed over existing primer.

09 97 13 23-0125	SF	Spray Type 1 Structural Steel Two 1.5 Mil Vinyl Enamel Finish Coats	3.90	
		For Up To 100, Add	*2.29*	
		For >100 To 250, Add	*1.10*	
		For >250 To 500, Add	*0.48*	
09 97 13 23-0126	SF	Spray Type 2 Structural Steel Two 1.5 Mil Vinyl Enamel Finish Coats	3.19	
		For Up To 100, Add	*1.82*	
		For >100 To 250, Add	*0.88*	
		For >250 To 500, Add	*0.38*	
09 97 13 23-0127	SF	Spray Type 3 Structural Steel Two 1.5 Mil Vinyl Enamel Finish Coats	2.79	
		For Up To 100, Add	*1.52*	
		For >100 To 250, Add	*0.74*	
		For >250 To 500, Add	*0.32*	
09 97 13 23-0128	SF	Spray Up To 14" Diameter Pipe Two 1.5 Mil Vinyl Enamel Finish Coats	4.54	
		For Up To 100, Add	*2.75*	
		For >100 To 250, Add	*1.32*	
		For >250 To 500, Add	*0.57*	

09 97 13 24 Steel Water Storage Tank Painting *(09 97 13)*

09 97 13 24-0001 Surface Preparation For Tanks *(09 97 13 24)*

Note: Small pressure vessels and tanks - up to 12' diameter, large pressure vessels and tanks - over 12' diameter, tank interiors - over 6' diameter.

09 97 13 24-0002 SSPC SP2 Or 3 Hand Or Power Tool Cleaning Surface Preparation For Tanks *(09 97 13 24-0001)*

09 97 13 24-0003	SF	Small Vessel/Tank SP2/3 Hand Or Power Tool Cleaning Surface Preparation	1.79	
		For Up To 100, Add	*1.34*	
		For >100 To 250, Add	*0.63*	
		For >250 To 500, Add	*0.27*	
09 97 13 24-0004	SF	Large Vessel/Tank SP2/3 Hand Or Power Tool Cleaning Surface Preparation	1.59	
		For Up To 100, Add	*1.19*	
		For >100 To 250, Add	*0.56*	
		For >250 To 500, Add	*0.24*	
09 97 13 24-0005	SF	Vessel/Tank Interior SP2/3 Hand Or Power Tool Cleaning Surface Preparation	2.25	
		For Up To 100, Add	*1.69*	
		For >100 To 250, Add	*0.79*	
		For >250 To 500, Add	*0.34*	

09 97 13 24-0006 SSPC SP7 Brush Off Blast Cleaning Surface Preparation For Tanks *(09 97 13 24-0001)*

09 97 13 24-0007	SF	Small Vessel/Tank SP7 Brush Off Blast Cleaning Surface Preparation	1.03	
		For Up To 100, Add	*0.72*	
		For >100 To 250, Add	*0.34*	
		For >250 To 500, Add	*0.15*	
09 97 13 24-0008	SF	Large Vessel/Tank SP7 Brush Off Blast Cleaning Surface Preparation	0.85	
		For Up To 100, Add	*0.60*	
		For >100 To 250, Add	*0.28*	
		For >250 To 500, Add	*0.12*	
09 97 13 24-0009	SF	Vessel/Tank Interior SP7 Brush Off Blast Cleaning Surface Preparation	1.47	
		For Up To 100, Add	*1.07*	
		For >100 To 250, Add	*0.50*	
		For >250 To 500, Add	*0.21*	

09 97 13 24-0010 SSPC SP6 Commercial Blast Cleaning Surface Preparation For Tanks *(09 97 13 24-0001)*

09 97 13 24-0011	SF	Small Vessel/Tank SP6 Commercial Blast Cleaning Surface Preparation	2.55	
		For Up To 100, Add	*1.82*	
		For >100 To 250, Add	*0.85*	
		For >250 To 500, Add	*0.37*	
09 97 13 24-0012	SF	Large Vessel/Tank SP6 Commercial Blast Cleaning Surface Preparation	2.34	
		For Up To 100, Add	*1.66*	
		For >100 To 250, Add	*0.78*	
		For >250 To 500, Add	*0.34*	
09 97 13 24-0013	SF	Vessel/Tank Interior SP6 Commercial Blast Cleaning Surface Preparation	3.42	
		For Up To 100, Add	*2.47*	
		For >100 To 250, Add	*1.16*	
		For >250 To 500, Add	*0.50*	

09 97 13 24-0014 SSPC SP5 White Metal Blast Cleaning Surface Preparation For Tanks *(09 97 13 24-0001)*

09 97 13 24-0015	SF	Small Vessel/Tank SP5 White Metal Blast Cleaning Surface Preparation	4.61	
		For Up To 100, Add	*3.30*	
		For >100 To 250, Add	*1.55*	
		For >250 To 500, Add	*0.66*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 97 13 24-0016	SF	Large Vessel/Tank SP5 White Metal Blast Cleaning Surface Preparation	4.40	
		For Up To 100, Add	*3.14*	
		For >100 To 250, Add	*1.47*	
		For >250 To 500, Add	*0.63*	
09 97 13 24-0017	SF	Vessel/Tank Interior SP5 White Metal Blast Cleaning Surface Preparation	6.46	
		For Up To 100, Add	*4.68*	
		For >100 To 250, Add	*2.19*	
		For >250 To 500, Add	*0.94*	

09 97 13 24-0018 SSPC SP10 Near White Metal Blast Cleaning Surface Preparation For Tanks *(09 97 13 24-0001)*

09 97 13 24-0019	SF	Small Vessel/Tank SP10 Near White Metal Blast Cleaning Surface Preparation	3.69	
		For Up To 100, Add	*2.64*	
		For >100 To 250, Add	*1.24*	
		For >250 To 500, Add	*0.53*	
09 97 13 24-0020	SF	Large Vessel/Tank SP10 Near White Metal Blast Cleaning Surface Preparation	3.69	
		For Up To 100, Add	*2.64*	
		For >100 To 250, Add	*1.24*	
		For >250 To 500, Add	*0.53*	
09 97 13 24-0021	SF	Vessel/Tank Interior SP10 Near White Metal Blast Cleaning Surface Preparation	5.43	
		For Up To 100, Add	*3.95*	
		For >100 To 250, Add	*1.85*	
		For >250 To 500, Add	*0.79*	

09 97 13 24-0022 Protective Coatings For Tanks *(09 97 13 24)*

Note: Small pressure vessels and tanks - up to 12' diameter, large pressure vessels and tanks - over 12' diameter, tank interiors - over 6' diameter.

09 97 13 24-0023 1.5 Mil Prime Coat For Tanks *(09 97 13 24-0022)*

09 97 13 24-0024	SF	Spray Small Vessel/Tank 1.5 Mil Prime Coat	0.77	
		For Up To 100, Add	*0.48*	
		For >100 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.10*	
09 97 13 24-0025	SF	Spray Large Vessel/Tank 1.5 Mil Prime Coat	0.62	
		For Up To 100, Add	*0.37*	
		For >100 To 250, Add	*0.18*	
		For >250 To 500, Add	*0.08*	
09 97 13 24-0026	SF	Spray Tank Interior 1.5 Mil Prime Coat	1.47	
		For Up To 100, Add	*1.01*	
		For >100 To 250, Add	*0.47*	
		For >250 To 500, Add	*0.20*	
09 97 13 24-0027	SF	Brush Small Vessel/Tank 1.5 Mil Prime Coat	1.03	
		For Up To 100, Add	*0.68*	
		For >100 To 250, Add	*0.32*	
		For >250 To 500, Add	*0.14*	
09 97 13 24-0028	SF	Brush Large Vessel/Tank 1.5 Mil Prime Coat	0.83	
		For Up To 100, Add	*0.53*	
		For >100 To 250, Add	*0.25*	
		For >250 To 500, Add	*0.11*	
09 97 13 24-0029	SF	Brush Tank Interior 1.5 Mil Prime Coat	2.06	
		For Up To 100, Add	*1.45*	
		For >100 To 250, Add	*0.68*	
		For >250 To 500, Add	*0.29*	

09 97 13 24-0030 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats For Tanks *(09 97 13 24-0022)*

09 97 13 24-0031	SF	Spray Small Vessel/Tank 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats	2.27	
		For Up To 100, Add	*1.38*	
		For >100 To 250, Add	*0.66*	
		For >250 To 500, Add	*0.29*	
09 97 13 24-0032	SF	Spray Large Vessel/Tank 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats	1.75	
		For Up To 100, Add	*0.99*	
		For >100 To 250, Add	*0.48*	
		For >250 To 500, Add	*0.21*	
09 97 13 24-0033	SF	Spray Tank Interior 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats	4.19	
		For Up To 100, Add	*2.82*	
		For >100 To 250, Add	*1.33*	
		For >250 To 500, Add	*0.57*	
09 97 13 24-0034	SF	Spray Small Vessel/Tank 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats	1.70	
		For Up To 100, Add	*1.03*	
		For >100 To 250, Add	*0.49*	
		For >250 To 500, Add	*0.21*	
09 97 13 24-0035	SF	Spray Large Vessel/Tank 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats	1.32	
		For Up To 100, Add	*0.74*	
		For >100 To 250, Add	*0.36*	
		For >250 To 500, Add	*0.16*	
09 97 13 24-0036	SF	Spray Tank Interior 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats	3.15	
		For Up To 100, Add	*2.12*	
		For >100 To 250, Add	*1.00*	
		For >250 To 500, Add	*0.43*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 97 13 24-0037	SF	Brush Small Vessel/Tank 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats	3.25	
		For Up To 100, Add	*2.11*	
		For >100 To 250, Add	*1.00*	
		For >250 To 500, Add	*0.43*	
09 97 13 24-0038	SF	Brush Large Vessel/Tank 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats	2.46	
		For Up To 100, Add	*1.52*	
		For >100 To 250, Add	*0.73*	
		For >250 To 500, Add	*0.32*	
09 97 13 24-0039	SF	Brush Tank Interior 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats	6.29	
		For Up To 100, Add	*4.39*	
		For >100 To 250, Add	*2.07*	
		For >250 To 500, Add	*0.89*	
09 97 13 24-0040	SF	Brush Small Vessel/Tank 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats	2.45	
		For Up To 100, Add	*1.59*	
		For >100 To 250, Add	*0.76*	
		For >250 To 500, Add	*0.33*	
09 97 13 24-0041	SF	Brush Large Vessel/Tank 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats	1.85	
		For Up To 100, Add	*1.14*	
		For >100 To 250, Add	*0.55*	
		For >250 To 500, Add	*0.24*	
09 97 13 24-0042	SF	Brush Tank Interior 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats	4.72	
		For Up To 100, Add	*3.29*	
		For >100 To 250, Add	*1.55*	
		For >250 To 500, Add	*0.67*	
09 97 13 24-0043		**Touch-Up And Two 1.5 Mil Alkyd Finish Coats For Tanks** *(09 97 13 24-0022)*		
09 97 13 24-0044	SF	Spray Small Vessel/Tank Touch-Up And Two 1.5 Mil Alkyd Finish Coats	2.02	
		For Up To 100, Add	*1.28*	
		For >100 To 250, Add	*0.61*	
		For >250 To 500, Add	*0.26*	
09 97 13 24-0045	SF	Spray Large Vessel/Tank Touch-Up And Two 1.5 Mil Alkyd Finish Coats	1.71	
		For Up To 100, Add	*1.04*	
		For >100 To 250, Add	*0.50*	
		For >250 To 500, Add	*0.22*	
09 97 13 24-0046	SF	Spray Tank Interior Touch-Up And Two 1.5 Mil Alkyd Finish Coats	4.35	
		For Up To 100, Add	*3.02*	
		For >100 To 250, Add	*1.42*	
		For >250 To 500, Add	*0.61*	
09 97 13 24-0047	SF	Spray Small Vessel/Tank Touch-Up And One 1.5 Mil Alkyd Finish Coat	1.29	
		For Up To 100, Add	*0.82*	
		For >100 To 250, Add	*0.39*	
		For >250 To 500, Add	*0.17*	
09 97 13 24-0048	SF	Spray Large Vessel/Tank Touch-Up And One 1.5 Mil Alkyd Finish Coat	1.09	
		For Up To 100, Add	*0.67*	
		For >100 To 250, Add	*0.32*	
		For >250 To 500, Add	*0.14*	
09 97 13 24-0049	SF	Spray Tank Interior Touch-Up And One 1.5 Mil Alkyd Finish Coats	2.78	
		For Up To 100, Add	*1.94*	
		For >100 To 250, Add	*0.91*	
		For >250 To 500, Add	*0.39*	
09 97 13 24-0050	SF	Brush Small Vessel/Tank Touch-Up And Two 1.5 Mil Alkyd Finish Coats	2.73	
		For Up To 100, Add	*1.81*	
		For >100 To 250, Add	*0.86*	
		For >250 To 500, Add	*0.37*	
09 97 13 24-0051	SF	Brush Large Vessel/Tank Touch-Up And Two 1.5 Mil Alkyd Finish Coats	2.30	
		For Up To 100, Add	*1.49*	
		For >100 To 250, Add	*0.71*	
		For >250 To 500, Add	*0.31*	
09 97 13 24-0052	SF	Brush Tank Interior Touch-Up And Two 1.5 Mil Alkyd Finish Coats	6.48	
		For Up To 100, Add	*4.71*	
		For >100 To 250, Add	*2.21*	
		For >250 To 500, Add	*0.95*	
09 97 13 24-0053	SF	Brush Small Vessel/Tank Touch-Up And One 1.5 Mil Alkyd Finish Coat	1.75	
		For Up To 100, Add	*1.16*	
		For >100 To 250, Add	*0.55*	
		For >250 To 500, Add	*0.24*	
09 97 13 24-0054	SF	Brush Large Vessel/Tank Touch-Up And One 1.5 Mil Alkyd Finish Coat	1.47	
		For Up To 100, Add	*0.95*	
		For >100 To 250, Add	*0.45*	
		For >250 To 500, Add	*0.20*	
09 97 13 24-0055	SF	Brush Tank Interior Touch-Up And One 1.5 Mil Alkyd Finish Coats	4.24	
		For Up To 100, Add	*3.03*	
		For >100 To 250, Add	*1.42*	
		For >250 To 500, Add	*0.61*	
09 97 13 24-0056		**2 Mil Prime And Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats For Tanks** *(09 97 13 24-0022)*		
09 97 13 24-0057	SF	Spray Small Vessel/Tank 2 Mil Prime And Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats	2.93	
		For Up To 100, Add	*1.54*	
		For >100 To 250, Add	*0.75*	
		For >250 To 500, Add	*0.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 97 13 24-0058	SF	Spray Large Vessel/Tank 2 Mil Prime And Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats	2.52	
		For Up To 100, Add	*1.23*	
		For >100 To 250, Add	*0.61*	
		For >250 To 500, Add	*0.27*	
09 97 13 24-0059	SF	Spray Small Vessel/Tank Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats	2.04	
		For Up To 100, Add	*1.07*	
		For >100 To 250, Add	*0.52*	
		For >250 To 500, Add	*0.23*	
09 97 13 24-0060	SF	Spray Large Vessel/Tank Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats	1.77	
		For Up To 100, Add	*0.87*	
		For >100 To 250, Add	*0.43*	
		For >250 To 500, Add	*0.19*	
09 97 13 24-0061		2 Mil Prime And Two 6 Mil High Build Epoxy Finish Coats For Tanks *(09 97 13 24-0022)*		
09 97 13 24-0062	SF	Spray Small Vessel/Tank 2 Mil Prime And Two 6 Mil High Build Epoxy Finish Coats	3.24	
		For Up To 100, Add	*1.58*	
		For >100 To 250, Add	*0.78*	
		For >250 To 500, Add	*0.35*	
09 97 13 24-0063	SF	Spray Large Vessel/Tank 2 Mil Prime And Two 6 Mil High Build Epoxy Finish Coats	2.83	
		For Up To 100, Add	*1.28*	
		For >100 To 250, Add	*0.64*	
		For >250 To 500, Add	*0.28*	
09 97 13 24-0064	SF	Spray Small Vessel/Tank Two 6 Mil High Build Epoxy Finish Coats	2.66	
		For Up To 100, Add	*1.30*	
		For >100 To 250, Add	*0.64*	
		For >250 To 500, Add	*0.28*	
09 97 13 24-0065	SF	Spray Large Vessel/Tank Two 6 Mil High Build Epoxy Finish Coats	2.32	
		For Up To 100, Add	*1.04*	
		For >100 To 250, Add	*0.52*	
		For >250 To 500, Add	*0.23*	
09 97 13 24-0066		1 Mil Prime, Three 2.33 Mil Body Coats And Two 1 Mil Vinyl Finish Coats For Tanks *(09 97 13 24-0022)*		
09 97 13 24-0067	SF	Spray Small Vessel/Tank 1 Mil Prime, Three 2.33 Mil Body Coats And Two 1 Mil Vinyl Finish Coats	7.75	
		For Up To 100, Add	*4.20*	
		For >100 To 250, Add	*2.04*	
		For >250 To 500, Add	*0.89*	
09 97 13 24-0068	SF	Spray Large Vessel/Tank 1 Mil Prime, Three 2.33 Mil Body Coats And Two 1 Mil Vinyl Finish Coats	7.14	
		For Up To 100, Add	*3.75*	
		For >100 To 250, Add	*1.83*	
		For >250 To 500, Add	*0.80*	
09 97 13 24-0069	SF	Spray Tank Interior 1 Mil Prime, Three 2.33 Mil Body Coats And Two 1 Mil Vinyl Finish Coats	11.81	
		For Up To 100, Add	*7.25*	
		For >100 To 250, Add	*3.46*	
		For >250 To 500, Add	*1.50*	
09 97 13 24-0070		1.5 Mil Prime And Two 4 Mil High Build Vinyl Finish Coats For Tanks *(09 97 13 24-0022)*		
09 97 13 24-0071	SF	Spray Small Vessel/Tank 1.5 Mil Prime And Two 4 Mil High Build Vinyl Finish Coats	4.06	
		For Up To 100, Add	*1.97*	
		For >100 To 250, Add	*0.97*	
		For >250 To 500, Add	*0.43*	
09 97 13 24-0072	SF	Spray Large Vessel/Tank 1.5 Mil Prime And Two 4 Mil High Build Vinyl Finish Coats	3.62	
		For Up To 100, Add	*1.64*	
		For >100 To 250, Add	*0.82*	
		For >250 To 500, Add	*0.36*	
09 97 13 24-0073	SF	Spray Tank Interior 1.5 Mil Prime And Two 4 Mil High Build Vinyl Finish Coats	6.05	
		For Up To 100, Add	*3.46*	
		For >100 To 250, Add	*1.67*	
		For >250 To 500, Add	*0.73*	
09 97 13 24-0074	SF	Spray Small Vessel/Tank Two 4 Mil High Build Vinyl Finish Coats	3.21	
		For Up To 100, Add	*1.56*	
		For >100 To 250, Add	*0.77*	
		For >250 To 500, Add	*0.34*	
09 97 13 24-0075	SF	Spray Large Vessel/Tank Two 4 Mil High Build Vinyl Finish Coats	2.85	
		For Up To 100, Add	*1.29*	
		For >100 To 250, Add	*0.65*	
		For >250 To 500, Add	*0.29*	
09 97 13 24-0076	SF	Spray Tank Interior Two 4 Mil High Build Vinyl Finish Coats	4.78	
		For Up To 100, Add	*2.74*	
		For >100 To 250, Add	*1.32*	
		For >250 To 500, Add	*0.58*	
09 97 13 24-0077		Two 8 Mil Coal Tar Epoxy Coats For Tanks *(09 97 13 24-0022)*		
09 97 13 24-0078	SF	Spray Small Vessel/Tank Two 8 Mil Coal Tar Epoxy Coats	3.66	
		For Up To 100, Add	*2.13*	
		For >100 To 250, Add	*1.03*	
		For >250 To 500, Add	*0.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 97 13 24-0079	SF	Spray Large Vessel/Tank Two 8 Mil Coal Tar Epoxy Coats	3.04	
		For Up To 100, Add	*1.67*	
		For >100 To 250, Add	*0.81*	
		For >250 To 500, Add	*0.35*	
09 97 13 24-0080	SF	Spray Tank Interior Two 8 Mil Coal Tar Epoxy Coats	4.67	
		For Up To 100, Add	*2.89*	
		For >100 To 250, Add	*1.38*	
		For >250 To 500, Add	*0.60*	

09 97 13 24-0081 One 1 Mil Primer, One 3 Mil Intermediate And One 1 Mil Chlorinated Rubber Finish Coat For Tanks *(09 97 13 24-0022)*

09 97 13 24-0082	SF	Spray Small Vessel/Tank One 1 Mil Primer, One 3 Mil Intermediate And One 1 Mil Chlorinated Rubber Finish Coat	2.53	
		For Up To 100, Add	*1.42*	
		For >100 To 250, Add	*0.69*	
		For >250 To 500, Add	*0.30*	
09 97 13 24-0083	SF	Spray Large Vessel/Tank One 1 Mil Primer, One 3 Mil Intermediate And One 1 Mil Chlorinated Rubber Finish Coat	2.32	
		For Up To 100, Add	*1.26*	
		For >100 To 250, Add	*0.61*	
		For >250 To 500, Add	*0.27*	
09 97 13 24-0084	SF	Spray Tank Interior One 1 Mil Primer, One 3 Mil Intermediate And One 1 Mil Chlorinated Rubber Finish Coat	3.84	
		For Up To 100, Add	*2.40*	
		For >100 To 250, Add	*1.14*	
		For >250 To 500, Add	*0.50*	

09 97 13 24-0085 Two 6 Mil High Build Epoxy Finish Coats For Tanks Interior *(09 97 13 24-0022)*

09 97 13 24-0086	SF	Spray Small Tank Interior Two 6 Mil High Build Epoxy Finish Coats	5.56	
		For Up To 100, Add	*3.27*	
		For >100 To 250, Add	*1.57*	
		For >250 To 500, Add	*0.68*	
09 97 13 24-0087	SF	Spray Large Tank Interior Two 6 Mil High Build Epoxy Finish Coats	3.38	
		For Up To 100, Add	*1.72*	
		For >100 To 250, Add	*0.84*	
		For >250 To 500, Add	*0.37*	

09 97 13 24-0088 One 3 Mil High Zinc Silicate Coat For Tanks *(09 97 13 24-0022)*

09 97 13 24-0089	SF	Spray Small Vessel/Tank One 3 Mil High Zinc Silicate Coat	1.62	
		For Up To 100, Add	*0.73*	
		For >100 To 250, Add	*0.36*	
		For >250 To 500, Add	*0.16*	
09 97 13 24-0090	SF	Spray Large Vessel/Tank One 3 Mil High Zinc Silicate Coat	1.58	
		For Up To 100, Add	*0.70*	
		For >100 To 250, Add	*0.35*	
		For >250 To 500, Add	*0.16*	
09 97 13 24-0091	SF	Spray Tank Interior One 3 Mil High Zinc Silicate Coat	2.54	
		For Up To 100, Add	*1.42*	
		For >100 To 250, Add	*0.69*	
		For >250 To 500, Add	*0.30*	

09 97 13 24-0092 Two 1.5 Mil Vinyl Enamel Finish Coats For Tanks *(09 97 13 24-0022)*

Note: Installed over existing primer.

09 97 13 24-0093	SF	Spray Small Vessel/Tank Two 1.5 Mil Vinyl Enamel Finish Coats	2.66	
		For Up To 100, Add	*1.44*	
		For >100 To 250, Add	*0.70*	
		For >250 To 500, Add	*0.31*	
09 97 13 24-0094	SF	Spray Large Vessel/Tank Two 1.5 Mil Vinyl Enamel Finish Coats	2.35	
		For Up To 100, Add	*1.20*	
		For >100 To 250, Add	*0.59*	
		For >250 To 500, Add	*0.26*	
09 97 13 24-0095	SF	Spray Tank Interior Two 1.5 Mil Vinyl Enamel Finish Coats	3.67	
		For Up To 100, Add	*2.19*	
		For >100 To 250, Add	*1.05*	
		For >250 To 500, Add	*0.46*	

09 97 13 24-0096 One 1 Mil Primer And 95 Mil Hot Coal Tar Enamel Finish Coat For Tanks *(09 97 13 24-0022)*

09 97 13 24-0097	SF	Spray/Mop Large Vessel/Tank One 1 Mil Primer And 95 Mil Hot Coal Tar Enamel Finish Coat	9.61	
		For Up To 100, Add	*6.06*	
		For >100 To 250, Add	*2.89*	
		For >250 To 500, Add	*1.25*	

09 97 23 Concrete and Masonry Coatings *(09 97)*

09 97 23 00-0001 Concrete Floor Coating *(09 97 23)*

09 97 23 00-0002	SF	Concrete Floor Coating System, Primer	1.51	
09 97 23 00-0003	SF	Concrete Floor Coating System, Finish	1.33	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 97 23 00-0004		Concrete Tank Lining *(09 97 23)*		
09 97 23 00-0005	SF	Concrete Tank Lining Note: Pricing is per square foot of the interior surfaces of the tank. Price includes: Handling/hoisting materials into and out the tank. Constructing wood framed enclosure covered with 6 mil plastic creating an isolation room from which entry into the tank through the access opening is separated from the remainder of the plant space. Installing and maintaining a ventilation system for working in the confined space. Discharging the ventilation system into DWM designated area. Furnishing and installing all necessary scaffolding inside the tank. Removing existing lining system as specified. Sand blasting interior concrete surfaces to concrete profile as specified by Dudick, Inc. for the Protecto-Flex 310 NSF system (lining system manufacturer). Collecting, removing, and disposing of debris by bags or buckets to avoid clogging the plant drainage trenches. Furnishing lined dumpsters for tested debris or for proper disposal. Preparing all concrete surfaces as specified then applying the new lining system layers as specified. Inspecting by the lining system manufacturer to assess overall concrete condition and then at specific times during lining layer application. Applying all layers of the lining system per lining system manufacturer specifications with an additional layer applied on the tank floor (total of two layers) of epoxy base coat with matt resin when the tank is utilizing an internal agitator. Spark testing and pull testing of the new tank lining system as well as furnishing the proper testing equipment as directed by the lining system manufacturer. Applying the initial concrete primer and the finish coat but not the entire lining system on the ceiling. A final visual inspection of the tank including cleaning up / power washing the exterior surrounding areas of the tank. Meeting all OSHA and DWM safety requirements. Working in a plant defined confined space requiring one full time top side safety person at the tank access opening and a second person on site in contact by radio during working hours. Air monitoring, air monitoring equipment, mobilizing setting-up / taking down equipment, handling and delivering materials necessary to complete the work described above. Price excludes emptying contents out of tank and filling and draining of adjacent tanks.	200.56	

09 97 26 Cementitious Coatings *(09 97)*

09 97 26 13 Interior Cementitious Coatings *(09 97 26)*

09 97 26 13-0001		Ceramic-Like Glazed Coating *(09 97 26 13)*		
09 97 26 13-0002		Ceramic-Like Glazed Coating, Cementitious *(09 97 26 13-0001)*		
09 97 26 13-0003	SF	Ceramic-like Glazed Coating. - Cementitious	3.23	
09 97 26 13-0004		Ceramic-Like Glazed Coating, Resin Base *(09 97 26 13-0001)*		
09 97 26 13-0005	SF	Ceramic-like Glazed Coating - Resin	2.72	

09 97 35 Dry Erase Coatings *(09 97)*

09 97 35 00-0001		Dry-Erase Paint *(09 97 35)*		
09 97 35 00-0002		Dry-Erase Paint (IdeaPaint™ PRO) *(09 97 35 00-0001)*		
09 97 35 00-0003	SF	Dry-Erase Paint (IdeaPaint™ PRO), Applied With Roller Note: Includes two coats of primer and white, white sand, light beige or light gray surface.	13.44	
09 97 35 00-0004		Low VOC/Odorless, Dry-Erase Paint (IdeaPaint™ CREATE) *(09 97 35 00-0001)*		
09 97 35 00-0005	SF	Clear, Low VOC/Odorless, Dry-Erase Paint (IdeaPaint™ CREATE), Applied With Roller Note: For application over existing latex-based top coats.	7.24	
09 97 35 00-0006	SF	Black Or White, Low VOC/Odorless, Dry-Erase Paint (IdeaPaint™ CREATE), Applied With Roller Note: Includes two coats of primer and white or black surface coat.	14.33	

09 97 63 Special Coatings and Protection Systems *(09 97)*

09 97 63 00-0001		Acrylic Glazed Coating *(09 97 63)*		
09 97 63 00-0002	SF	Acrylic Glazed Coating	2.12	

END OF SECTION 09

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

10 Specialties

10 01 Operation and Maintenance of Specialties *(10)*

10 01 40 Operation and Maintenance of Safety Specialties *(10 01)*

10 01 40 00-0001 Recharge Existing Portable Fire Extinguishers *(10 01 40)*
Note: Includes removal, filling, testing, certification and reinstallation.

10 01 40 00-0002 Recharge Carbon Dioxide, Class BC Portable Fire Extinguishers *(10 01 40 00-0001)*

10 01 40 00-0003	EA	Recharge 2.5 LB Carbon Dioxide Portable Fire Extinguisher	17.95
10 01 40 00-0004	EA	Recharge 5 LB Carbon Dioxide Portable Fire Extinguisher	19.94
10 01 40 00-0005	EA	Recharge 10 LB Carbon Dioxide Portable Fire Extinguisher	20.74
10 01 40 00-0006	EA	Recharge 15 LB Carbon Dioxide Portable Fire Extinguisher	23.48
10 01 40 00-0007	EA	Recharge 20 LB Carbon Dioxide Portable Fire Extinguisher	27.12

10 01 40 00-0008 Recharge Dry Chemical, Class ABC Portable Fire Extinguishers *(10 01 40 00-0001)*

10 01 40 00-0009	EA	Recharge 2.5 LB Dry Chemical Portable Fire Extinguisher	21.65
10 01 40 00-0010	EA	Recharge 5 LB Dry Chemical Portable Fire Extinguisher	26.21
10 01 40 00-0011	EA	Recharge 10 LB Dry Chemical Portable Fire Extinguisher	37.04
10 01 40 00-0012	EA	Recharge 20 LB Dry Chemical Portable Fire Extinguisher	58.47

10 01 40 00-0013 Recharge Other Portable Fire Extinguishers *(10 01 40 00-0001)*

10 01 40 00-0014	EA	Recharge 2.5 Gallon Pressurized Water Portable Fire Extinguisher	21.43
10 01 40 00-0015	EA	Recharge 1.6 Gallon Wet Chemical Class K Fire Extinguisher	152.72
10 01 40 00-0016	EA	Recharge 2.5 Gallon Wet Chemical Class K Fire Extinguisher	213.81
10 01 40 00-0017	EA	Recharge 30 LB Dry Powder Class D Portable Fire Extinguisher	88.02

10 01 50 Operation and Maintenance of Storage Specialties *(10 01)*

10 01 50 11 Operation and Maintenance of Storage Specialties *(10 01 50)*

10 01 50 11-0001 Locker Repair And Refinishing *(10 01 50 11)*

10 01 50 11-0002	EA	Removal And Replacement Of Single Tier Locker Door	366.80
10 01 50 11-0003	EA	Removal And Replacement Of Two Tier Locker Door	288.58
10 01 50 11-0004	EA	Removal And Replacement Of Three Tier Locker Door	247.70
10 01 50 11-0005	EA	Removal And Replacement Of Four Tier Locker Door	209.30
10 01 50 11-0006	EA	Removal And Replacement Of Six Tier Or Sixteen Person Locker Door	117.62
10 01 50 11-0007	EA	Realign Metal Locker Door For Proper Closure	52.87
10 01 50 11-0008	EA	Patch Small Drill Holes in Locker	10.57

10 10 Information Specialties *(10)*

10 11 Visual Display Units *(10 10)*

10 11 13 Chalkboards *(10 11)*

10 11 13 13 Fixed Chalkboards *(10 11 13)*
Note: Select task based off the square footage of an individual chalkboard. For example use the >12 To 16 SF range for each 3' x 5' chalkboard.

10 11 13 13-0001 Porcelain Enamel Steel Chalkboards *(10 11 13 13)*

10 11 13 13-0002 5/8" Face Aluminum Frame, Porcelain Enamel Steel Chalkboards (Claridge 800 Series) *(10 11 13 13-0001)*
Note: Includes up to 1/2" core material, aluminum backing, full length map rail, map hooks, chalk tray and mounting hardware.

10 11 13 13-0003	SF	Up To 6 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard	51.63	10.12
10 11 13 13-0004	SF	>6 To 12 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard	32.84	4.76
10 11 13 13-0005	SF	>12 To 16 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard	28.38	4.11
10 11 13 13-0006	SF	>16 To 24 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard	23.48	2.68
10 11 13 13-0007	SF	>24 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard	19.57	1.49

10 11 13 13-0008 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Chalkboards (Claridge 1300 Series) *(10 11 13 13-0001)*
Note: Includes up to 1/2" core material, aluminum backing, full length map rail, map hooks, chalk tray and mounting hardware.

10 11 13 13-0009	SF	Up To 6 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard	54.54	10.12
10 11 13 13-0010	SF	>6 To 12 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard	35.68	4.76
10 11 13 13-0011	SF	>12 To 16 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard	31.00	4.11
10 11 13 13-0012	SF	>16 To 24 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard	26.65	2.68
10 11 13 13-0013	SF	>24 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard	22.68	1.49

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 11 13 13-0014		1-3/4" Face Wood Frame, Porcelain Enamel Steel Chalkboards (Claridge 1600 Series) *(10 11 13 13-0001)*		
		Note: Includes up to 1/2" core material, aluminum backing, chalk tray and mounting hardware.		
10 11 13 13-0015	SF	Up To 6 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Chalkboard	49.83	10.12
10 11 13 13-0016	SF	>6 To 12 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Chalkboard	31.00	4.76
10 11 13 13-0017	SF	>12 To 16 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Chalkboard	26.63	4.11
10 11 13 13-0018	SF	>16 To 24 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Chalkboard	22.01	2.68
10 11 13 13-0019	SF	>24 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Chalkboard	17.93	1.49
10 11 13 13-0020		Removal And Reinstallation Of Chalkboards *(10 11 13 13)*		
		Note: Includes storage and cleaning.		
10 11 13 13-0021	SF	Removal And Reinstallation Of Chalkboard	12.42	
10 11 13 13-0022		Field Applied Chalkboard And Accessories *(10 11 13 13)*		
10 11 13 13-0023		Chalkboard Face Sheets And Panels *(10 11 13 13-0022)*		
10 11 13 13-0024	SF	Porcelain Enamel Steel Chalkboard Face Sheet (Claridge Vitracite)	17.29	4.76
		Note: Includes porcelain enamel steel chalkboard skin.		
10 11 13 13-0025	SF	Porcelain Enamel Steel Chalkboard Panel (Claridge VIT)	20.53	4.76
		Note: Includes porcelain enamel steel surface mounted on either particle board or hardboard core with an aluminum moisture barrier back.		
10 11 13 13-0026		Chalkboard And Markerboard Accessory Trays And Trim *(10 11 13 13-0022)*		
10 11 13 13-0027	LF	Chalk And Marker Tray, Field Applied	25.13	6.54
10 11 13 13-0028	PR	Chalk And Marker Tray End Closures, Field Applied	31.72	11.90
10 11 13 13-0029	LF	Mullion Trim For Chalkboards And Markerboards, Field Applied	17.98	6.54
10 11 13 13-0030	LF	Screw On Trim For Chalkboards And Markerboards, Field Applied	17.59	6.54
10 11 13 13-0031	LF	1/2" Leg Map Rail For Chalkboards And Markerboards, Field Applied	18.69	6.54
10 11 13 13-0032	LF	1/4" Leg Map Rail For Chalkboards And Markerboards, Field Applied	20.78	6.54
10 11 13 13-0033	LF	No Leg Map Rail For Chalkboards And Markerboards, Field Applied	18.69	6.54
10 11 13 33		**Rail-Mounted Chalkboards** *(10 11 13)*		
10 11 13 33-0001		Horizontal Sliding, Porcelain Enamel Steel Chalkboards (Claridge HS Series) *(10 11 13 33)*		
10 11 13 33-0002		Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboards *(10 11 13 33-0001)*		
10 11 13 33-0003	EA	4' x 6' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	2,341.38	118.98
10 11 13 33-0004	EA	4' x 8' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	2,627.22	118.98
10 11 13 33-0005	EA	4' x 10' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	2,974.79	126.71
10 11 13 33-0006	EA	4' x 12' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	3,306.91	126.71
10 11 13 33-0007	EA	4' x 14' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	4,118.51	136.23
10 11 13 33-0008	EA	4' x 16' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	4,383.42	136.23
10 11 13 33-0009	EA	4' x 20' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	4,951.66	142.77
10 11 13 33-0010	EA	4' x 24' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	5,609.27	142.77
10 11 13 33-0011		Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboards *(10 11 13 33-0001)*		
10 11 13 33-0012	EA	4' x 6' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	3,194.01	118.98
10 11 13 33-0013	EA	4' x 8' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	3,786.09	118.98
10 11 13 33-0014	EA	4' x 10' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	4,331.95	126.71
10 11 13 33-0015	EA	4' x 12' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	4,875.57	126.71
10 11 13 33-0016	EA	4' x 14' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	5,557.18	136.23
10 11 13 33-0017	EA	4' x 16' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	5,796.76	136.23
10 11 13 33-0018	EA	4' x 20' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	6,795.73	142.77
10 11 13 33-0019	EA	4' x 24' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	7,595.44	142.77
10 11 13 33-0020		Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboards *(10 11 13 33-0001)*		
10 11 13 33-0021	EA	4' x 6' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	3,557.54	118.98
10 11 13 33-0022	EA	4' x 8' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	4,041.66	118.98
10 11 13 33-0023	EA	4' x 10' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	4,566.59	126.71
10 11 13 33-0024	EA	4' x 12' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	5,122.33	126.71
10 11 13 33-0025	EA	4' x 14' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	6,200.51	136.23
10 11 13 33-0026	EA	4' x 16' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	6,455.51	136.23
10 11 13 33-0027	EA	4' x 20' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	7,620.82	142.77
10 11 13 33-0028	EA	4' x 24' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	8,505.97	142.77
10 11 13 33-0029		Vertical Sliding, Porcelain Enamel Steel Chalkboards (Claridge TW Series) *(10 11 13 33)*		
10 11 13 33-0030		One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Chalkboards *(10 11 13 33-0029)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 11 13 33-0031	EA	8' x 4' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Chalkboard	2,795.76	118.98
10 11 13 33-0032	EA	8' x 5' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Chalkboard	3,083.81	118.98
10 11 13 33-0033	EA	8' x 6' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Chalkboard	3,371.89	126.71
10 11 13 33-0034	EA	8' x 8' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Chalkboard	3,871.98	126.71
10 11 13 33-0035	EA	8' x 10' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Chalkboard	4,241.27	136.23
10 11 13 33-0036	EA	8' x 12' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Chalkboard	4,702.79	136.23
10 11 13 33-0037		**Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboards** *(10 11 13 33-0029)*		
10 11 13 33-0038	EA	8' x 4' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard	4,093.35	118.98
10 11 13 33-0039	EA	8' x 5' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard	4,540.55	118.98
10 11 13 33-0040	EA	8' x 6' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard	4,989.99	126.71
10 11 13 33-0041	EA	8' x 8' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard	5,812.80	126.71
10 11 13 33-0042	EA	8' x 10' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard	6,326.36	136.23
10 11 13 33-0043	EA	8' x 12' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard	7,073.15	136.23
10 11 13 33-0044		**Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboards** *(10 11 13 33-0029)*		
10 11 13 33-0045	EA	8' x 4' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard	5,583.71	118.98
10 11 13 33-0046	EA	8' x 5' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard	6,193.38	118.98
10 11 13 33-0047	EA	8' x 6' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard	6,805.28	126.71
10 11 13 33-0048	EA	8' x 8' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard	7,949.71	126.71
10 11 13 33-0049	EA	8' x 10' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard	8,620.75	136.23
10 11 13 33-0050	EA	8' x 12' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard	9,672.64	136.23
10 11 13 33-0051		**Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboards (Claridge MO Series)** *(10 11 13 33)* Note: Excludes remotes.		
10 11 13 33-0052		**One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboards** *(10 11 13 33-0051)*		
10 11 13 33-0053	EA	10' x 4' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	8,963.00	237.96
10 11 13 33-0054	EA	10' x 5' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	9,218.13	237.96
10 11 13 33-0055	EA	10' x 6' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	9,503.55	245.39
10 11 13 33-0056	EA	10' x 8' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	9,970.84	245.39
10 11 13 33-0057	EA	10' x 10' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	10,488.27	252.82
10 11 13 33-0058	EA	10' x 12' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	10,939.04	252.82
10 11 13 33-0059	EA	10' x 14' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	11,921.87	267.70
10 11 13 33-0060	EA	10' x 16' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	12,046.57	267.70
10 11 13 33-0061		**Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboards** *(10 11 13 33-0051)*		
10 11 13 33-0062	EA	10' x 4' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	14,081.43	237.96
10 11 13 33-0063	EA	10' x 5' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	14,418.73	237.96
10 11 13 33-0064	EA	10' x 6' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	14,796.25	245.39
10 11 13 33-0065	EA	10' x 8' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	15,482.98	245.39
10 11 13 33-0066	EA	10' x 10' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	16,166.97	252.82
10 11 13 33-0067	EA	10' x 12' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	16,819.55	252.82
10 11 13 33-0068	EA	10' x 14' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	18,146.30	267.70
10 11 13 33-0069	EA	10' x 16' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	18,343.92	267.70
10 11 13 33-0070		**Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboards** *(10 11 13 33-0051)*		
10 11 13 33-0071	EA	10' x 4' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	18,284.43	237.96
10 11 13 33-0072	EA	10' x 5' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	19,135.74	237.96
10 11 13 33-0073	EA	10' x 6' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	19,587.72	245.39
10 11 13 33-0074	EA	10' x 8' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	20,480.67	245.39
10 11 13 33-0075	EA	10' x 10' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	21,420.45	252.82
10 11 13 33-0076	EA	10' x 12' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	22,323.31	252.82
10 11 13 33-0077	EA	10' x 14' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	24,106.34	267.70
10 11 13 33-0078	EA	10' x 16' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	24,454.00	267.70
10 11 13 33-0079		**Sliding Chalkboard And Markerboard Accessories** *(10 11 13 33)*		
10 11 13 33-0080	EA	One Sliding Panel, Remote Control For Motor Operated Sliding Chalkboard Or Markerboard	671.75	
10 11 13 33-0081	EA	Two Sliding Panel, Remote Control For Motor Operated Sliding Chalkboard Or Markerboard	1,146.54	

10 11 16 Markerboards *(10 11)*

10 11 16 13 Fixed Markerboards *(10 11 16)*

Note: Select task based off the square footage of an individual markerboard. For example use the >12 To 16 SF range for each 3' x 5' markerboard.

10 11 16 13-0001 Porcelain Enamel Steel Markerboards *(10 11 16 13)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 11 16 13-0002		5/8" Face Aluminum Frame, Porcelain Enamel Steel Markerboards (Claridge 800 Series) *(10 11 16 13-0001)*		
		Note: Includes up to 1/2" core material, aluminum backing, full length map rail, map hooks, marker tray and mounting hardware.		
10 11 16 13-0003	SF	Up To 6 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Markerboard	51.81	10.12
10 11 16 13-0004	SF	>6 To 12 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Markerboard	33.48	4.76
10 11 16 13-0005	SF	>12 To 16 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Markerboard	28.38	4.11
10 11 16 13-0006	SF	>16 To 24 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Markerboard	23.71	2.68
10 11 16 13-0007	SF	>24 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Markerboard	19.31	1.49
10 11 16 13-0008		1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Markerboards (Claridge 1300 Series) *(10 11 16 13-0001)*		
		Note: Includes up to 1/2" core material, aluminum backing, full length map rail, map hooks, marker tray and mounting hardware.		
10 11 16 13-0009	SF	Up To 6 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Markerboard	54.58	10.12
10 11 16 13-0010	SF	>6 To 12 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Markerboard	34.31	4.76
10 11 16 13-0011	SF	>12 To 16 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Markerboard	29.62	4.11
10 11 16 13-0012	SF	>16 To 24 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Markerboard	25.27	2.68
10 11 16 13-0013	SF	>24 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Markerboard	21.87	1.49
10 11 16 13-0014		1-3/4" Face Wood Frame, Porcelain Enamel Steel Markerboards (Claridge LCS Series) *(10 11 16 13-0001)*		
		Note: Includes up to 1/2" core material, aluminum backing, marker tray and mounting hardware.		
10 11 16 13-0015	SF	Up To 6 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Markerboard	49.81	10.12
10 11 16 13-0016	SF	>6 To 12 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Markerboard	31.01	4.76
10 11 16 13-0017	SF	>12 To 16 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Markerboard	27.97	4.11
10 11 16 13-0018	SF	>16 To 24 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Markerboard	22.15	2.68
10 11 16 13-0019	SF	>24 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Markerboard	17.62	1.49
10 11 16 13-0020		Melamine Markerboards *(10 11 16 13)*		
10 11 16 13-0021		1-1/4" Face Aluminum Frame, Melamine Markerboard (Claridge MLC Series) *(10 11 16 13-0020)*		
		Note: Includes full length map rail, map hooks, marker tray and mounting hardware.		
10 11 16 13-0022	SF	Up To 6 SF, 1-1/4" Face Aluminum Frame, Melamine Markerboard	41.34	10.12
10 11 16 13-0023	SF	>6 To 12 SF, 1-1/4" Face Aluminum Frame, Melamine Markerboard	25.18	4.76
10 11 16 13-0024	SF	>12 To 16 SF, 1-1/4" Face Aluminum Frame, Melamine Markerboard	21.84	4.11
10 11 16 13-0025	SF	>16 To 24 SF, 1-1/4" Face Aluminum Frame, Melamine Markerboard	16.37	2.68
10 11 16 13-0026	SF	>24 SF, 1-1/4" Face Aluminum Frame, Melamine Markerboard	13.21	1.49
10 11 16 13-0027		1-3/4" Face Wood Frame, Melamine Markerboard (Claridge MLC Series) *(10 11 16 13-0020)*		
		Note: Includes marker tray and mounting hardware.		
10 11 16 13-0028	SF	Up To 6 SF, 1-3/4" Face Wood Frame, Melamine Markerboard	40.40	10.12
10 11 16 13-0029	SF	>6 To 12 SF, 1-3/4" Face Wood Frame, Melamine Markerboard	24.74	4.76
10 11 16 13-0030	SF	>12 To 16 SF, 1-3/4" Face Wood Frame, Melamine Markerboard	21.22	4.11
10 11 16 13-0031	SF	>16 To 24 SF, 1-3/4" Face Wood Frame, Melamine Markerboard	15.26	2.68
10 11 16 13-0032	SF	>24 SF, 1-3/4" Face Wood Frame, Melamine Markerboard	12.21	1.49
10 11 16 13-0033		Nonporous, Non-Staining Markerboards *(10 11 16 13)*		
10 11 16 13-0034		5/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboards (EverWhite Classic Series) *(10 11 16 13-0033)*		
		Note: Includes non-staining permanent marker resistant surface, non-magnetic surface, marker tray and mounting hardware.		
10 11 16 13-0035	SF	Up To 6 SF, 5/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboard	55.84	10.12
		For Magnetic Surface, Add	*3.56*	
10 11 16 13-0036	SF	>6 To 12 SF, 5/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboard	36.61	4.76
		For Magnetic Surface, Add	*2.71*	
10 11 16 13-0037	SF	>12 To 16 SF, 5/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboard	31.58	4.11
		For Magnetic Surface, Add	*2.34*	
10 11 16 13-0038	SF	>16 To 24 SF, 5/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboard	27.80	2.68
		For Magnetic Surface, Add	*2.25*	
10 11 16 13-0039	SF	>24 SF, 5/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboard	23.92	1.49
		For Magnetic Surface, Add	*2.09*	
10 11 16 13-0040		1-1/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboards (EverWhite Classic Series) *(10 11 16 13-0033)*		
		Note: Includes non-staining permanent marker resistant surface, non-magnetic surface, marker tray and mounting hardware.		
10 11 16 13-0041	SF	Up To 6 SF, 1-1/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboard	55.84	10.12
		For Magnetic Surface, Add	*3.56*	
10 11 16 13-0042	SF	>6 To 12 SF, 1-1/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboard	36.61	4.76
		For Magnetic Surface, Add	*2.71*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 11 16 13-0043	SF	>12 To 16 SF, 1-1/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboard	31.58	4.11
		For Magnetic Surface, Add	*2.34*	
10 11 16 13-0044	SF	>16 To 24 SF, 1-1/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboard	27.80	2.68
		For Magnetic Surface, Add	*2.25*	
10 11 16 13-0045	SF	>24 SF, 1-1/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboard	23.92	1.49
		For Magnetic Surface, Add	*2.09*	

10 11 16 13-0046 1-1/4" Face Wood Frame, Nonporous, Non-Staining Markerboards (EverWhite Classic Series) *(10 11 16 13-0033)*

Note: Includes non-staining permanent marker resistant surface, non-magnetic surface, marker tray and mounting hardware.

10 11 16 13-0047	SF	Up To 6 SF, 1-1/4" Face Wood Frame, Nonporous, Non-Staining Markerboard	99.96	10.12
		For Magnetic Surface, Add	*7.97*	
10 11 16 13-0048	SF	>6 To 12 SF, 1-1/4" Face Wood Frame, Nonporous, Non-Staining Markerboard	63.12	4.76
		For Magnetic Surface, Add	*5.36*	
10 11 16 13-0049	SF	>12 To 16 SF, 1-1/4" Face Wood Frame, Nonporous, Non-Staining Markerboard	53.35	4.11
		For Magnetic Surface, Add	*4.51*	
10 11 16 13-0050	SF	>16 To 24 SF, 1-1/4" Face Wood Frame, Nonporous, Non-Staining Markerboard	45.02	2.68
		For Magnetic Surface, Add	*3.97*	
10 11 16 13-0051	SF	>24 SF, 1-1/4" Face Wood Frame, Nonporous, Non-Staining Markerboard	34.91	1.49
		For Magnetic Surface, Add	*3.19*	

10 11 16 13-0052 Nonporous, Non-Staining Markerboard Resurfacing Panels (EverWhite EverEZ Resurfacing Panels) *(10 11 16 13-0033)*

Note: Includes non-staining, permanent marker resistant, magnetic dry erase surface. Excludes frame. Resurfacing panel for mounting to existing chalkboard or markerboard consists of dry erase surface, 24-gauge treated steel interlayer and pressure-sensitive adhesive backing.

10 11 16 13-0053	SF	Up To 16 SF, Nonporous, Non-Staining Markerboard Resurfacing Panel With Pressure-Sensitive Adhesive Backing	25.05	4.11
10 11 16 13-0054	SF	>16 To 24 SF, Nonporous, Non-Staining Markerboard Resurfacing Panel With Pressure-Sensitive Adhesive Backing	21.31	2.68
10 11 16 13-0055	SF	>24 SF, Nonporous, Non-Staining Markerboard Resurfacing Panel With Pressure-Sensitive Adhesive Backing	17.86	1.49

10 11 16 13-0056 Removal And Reinstallation Of Markerboard *(10 11 16 13)*

Note: Includes storage and cleaning.

10 11 16 13-0057	EA	Up To 6 SF, Removal And Reinstallation Of Markerboard	71.38	
10 11 16 13-0058	EA	>6 To 12 SF, Removal And Reinstallation Of Markerboard	83.29	
10 11 16 13-0059	EA	>12 To 16 SF, Removal And Reinstallation Of Markerboard	95.19	
10 11 16 13-0060	EA	>16 To 24 SF, Removal And Reinstallation Of Markerboard	107.08	
10 11 16 13-0061	EA	>24 SF, Removal And Reinstallation Of Markerboard	118.98	

10 11 16 13-0062 Field Applied Markerboard And Accessories *(10 11 16 13)*

10 11 16 13-0063 Markerboard Face Sheets And Panels *(10 11 16 13-0062)*

10 11 16 13-0064	SF	Porcelain Enamel Steel Markerboard Face Sheet (Claridge LCS) Note: Includes porcelain enamel steel markerboard skin backed with double sided tape.	17.03	4.76
10 11 16 13-0065	SF	Porcelain Enamel Steel Markerboard Face Sheet With Double Sided Tape (Claridge LCS EZ Stick) Note: Includes porcelain enamel steel markerboard skin backed with double sided tape.	19.94	4.76
10 11 16 13-0066	SF	Porcelain Enamel Steel Markerboard Panel (Claridge LCS) Note: Includes porcelain enamel steel surface mounted on either 3/8" particle board or 1/4" hardboard core with an aluminum moisture barrier back.	19.87	4.76
10 11 16 13-0067	SF	Melamine Markerboard Panel (Claridge 1032) Note: Includes 1/4" thick melamine panel.	11.76	4.76

10 11 16 13-0068 Chalkboard And Markerboard Accessory Trays And Trim *(10 11 16 13-0062)*

See CSI section 10 11 13 13-0026 for chalkboard and markerboard accessory trays and trim.

10 11 16 13-0069 Relaminate Markerboard *(10 11 16 13-0062)*

10 11 16 13-0070	EA	Relaminate Markerboard Note: Includes removal of trim, prepping the surface, rolling the laminate, and reattaching the trim. Includes all sizes.	456.68	

10 11 16 33 Rail-Mounted Markerboards *(10 11 16)*

10 11 16 33-0001 Horizontal Sliding, Porcelain Enamel Steel Markerboards (Claridge HS Series) *(10 11 16 33)*

10 11 16 33-0002 Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboards *(10 11 16 33-0001)*

10 11 16 33-0003	EA	4' x 6' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	2,313.36	118.98
10 11 16 33-0004	EA	4' x 8' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	2,589.85	118.98
10 11 16 33-0005	EA	4' x 10' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	2,928.08	126.71
10 11 16 33-0006	EA	4' x 12' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	3,250.86	126.71
10 11 16 33-0007	EA	4' x 14' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	4,053.12	136.23
10 11 16 33-0008	EA	4' x 16' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	4,308.69	136.23
10 11 16 33-0009	EA	4' x 20' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	4,858.25	142.77

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 11 16 33-0010	EA	4' x 24' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	5,497.17	142.77
10 11 16 33-0011		**Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboards** *(10 11 16 33-0001)*		
10 11 16 33-0012	EA	4' x 6' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	3,165.99	118.98
10 11 16 33-0013	EA	4' x 8' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	3,748.73	118.98
10 11 16 33-0014	EA	4' x 10' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	4,285.24	126.71
10 11 16 33-0015	EA	4' x 12' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	4,819.52	126.71
10 11 16 33-0016	EA	4' x 14' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	5,491.79	136.23
10 11 16 33-0017	EA	4' x 16' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	5,722.03	136.23
10 11 16 33-0018	EA	4' x 20' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	6,702.31	142.77
10 11 16 33-0019	EA	4' x 24' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	7,483.34	142.77
10 11 16 33-0020		**Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboards** *(10 11 16 33-0001)*		
10 11 16 33-0021	EA	4' x 6' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	3,529.51	118.98
10 11 16 33-0022	EA	4' x 8' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	4,004.30	118.98
10 11 16 33-0023	EA	4' x 10' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	4,519.88	126.71
10 11 16 33-0024	EA	4' x 12' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	5,066.28	126.71
10 11 16 33-0025	EA	4' x 14' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	6,135.12	136.23
10 11 16 33-0026	EA	4' x 16' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	6,380.78	136.23
10 11 16 33-0027	EA	4' x 20' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	7,527.40	142.77
10 11 16 33-0028	EA	4' x 24' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	8,421.89	142.77
10 11 16 33-0029		**Vertical Sliding, Porcelain Enamel Steel Markerboards (Claridge TW Series)** *(10 11 16 33)*		
10 11 16 33-0030		**One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Markerboards** *(10 11 16 33-0029)*		
10 11 16 33-0031	EA	8' x 4' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Markerboard	2,758.40	118.98
10 11 16 33-0032	EA	8' x 5' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Markerboard	3,037.10	118.98
10 11 16 33-0033	EA	8' x 6' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Markerboard	3,315.84	126.71
10 11 16 33-0034	EA	8' x 8' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Markerboard	3,797.25	126.71
10 11 16 33-0035	EA	8' x 10' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Markerboard	4,147.85	136.23
10 11 16 33-0036	EA	8' x 12' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Markerboard	4,590.69	136.23
10 11 16 33-0037		**Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboards** *(10 11 16 33-0029)*		
10 11 16 33-0038	EA	8' x 4' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard	4,018.62	118.98
10 11 16 33-0039	EA	8' x 5' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard	4,447.14	118.98
10 11 16 33-0040	EA	8' x 6' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard	4,877.89	126.71
10 11 16 33-0041	EA	8' x 8' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard	5,663.34	126.71
10 11 16 33-0042	EA	8' x 10' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard	6,139.53	136.23
10 11 16 33-0043	EA	8' x 12' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard	6,848.95	136.23
10 11 16 33-0044		**Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboards** *(10 11 16 33-0029)*		
10 11 16 33-0045	EA	8' x 4' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard	5,471.61	118.98
10 11 16 33-0046	EA	8' x 5' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard	6,053.25	118.98
10 11 16 33-0047	EA	8' x 6' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard	6,637.13	126.71
10 11 16 33-0048	EA	8' x 8' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard	7,725.51	126.71
10 11 16 33-0049	EA	8' x 10' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard	8,340.51	136.23
10 11 16 33-0050	EA	8' x 12' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard	9,336.34	136.23
10 11 16 33-0051		**Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboards (Claridge MO Series)** *(10 11 16 33)* Note: Excludes remotes.		
10 11 16 33-0052		**One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboards** *(10 11 16 33-0051)*		
10 11 16 33-0053	EA	10' x 4' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	8,916.29	237.96
10 11 16 33-0054	EA	10' x 5' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	9,159.74	237.96
10 11 16 33-0055	EA	10' x 6' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	9,433.49	245.39
10 11 16 33-0056	EA	10' x 8' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	9,877.43	245.39
10 11 16 33-0057	EA	10' x 10' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	10,371.50	252.82
10 11 16 33-0058	EA	10' x 12' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	10,798.92	252.82
10 11 16 33-0059	EA	10' x 14' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	11,758.40	267.70
10 11 16 33-0060	EA	10' x 16' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	11,859.75	267.70
10 11 16 33-0061		**Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboards** *(10 11 16 33-0051)*		
10 11 16 33-0062	EA	10' x 4' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	13,988.01	237.96
10 11 16 33-0063	EA	10' x 5' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	14,301.97	237.96

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 11 16 33-0064	EA	10' x 6' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	14,656.13	245.39
10 11 16 33-0065	EA	10' x 8' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	15,296.15	245.39
10 11 16 33-0066	EA	10' x 10' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	15,933.43	252.82
10 11 16 33-0067	EA	10' x 12' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	16,539.30	252.82
10 11 16 33-0068	EA	10' x 14' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	17,819.35	267.70
10 11 16 33-0069	EA	10' x 16' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	17,970.26	267.70
10 11 16 33-0070		Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboards *(10 11 16 33-0051)*		
10 11 16 33-0071	EA	10' x 4' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	18,144.31	237.96
10 11 16 33-0072	EA	10' x 5' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	18,960.59	237.96
10 11 16 33-0073	EA	10' x 6' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	19,377.54	245.39
10 11 16 33-0074	EA	10' x 8' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	20,200.43	245.39
10 11 16 33-0075	EA	10' x 10' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	21,070.14	252.82
10 11 16 33-0076	EA	10' x 12' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	21,902.94	252.82
10 11 16 33-0077	EA	10' x 14' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	23,615.91	267.70
10 11 16 33-0078	EA	10' x 16' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	23,893.51	267.70
10 11 16 33-0079		Sliding Chalkboard And Markerboard Accessories *(10 11 16 33)*		

See CSI section 10 11 13 33-0079 for sliding chalkboard and markerboard accessories.

10 11 23 Tackboards *(10 11)*

10 11 23 13 Fixed Tackboards *(10 11 23)*

Note: Select task based off the square footage of an individual tackboard. For example use the >12 To 16 SF range for each 3' x 5' tackboard.

10 11 23 13-0001		Fixed Tackboards *(10 11 23 13)*		

Note: Select task based off the square footage of an individual tackboard. For example use the >12 To 16 SF range for each 3' x 5' tackboard.

10 11 23 13-0002		Cork Surface, Fixed Tackboards *(10 11 23 13-0001)*		

Note: Includes up to 1/4" cork surface, unmounted or mounted on duracore or hardboard.

10 11 23 13-0003		5/8" Face Aluminum Frame, Cork Surface, Fixed Tackboards (Claridge 800 Series) *(10 11 23 13-0002)*		
10 11 23 13-0004	SF	Up To 6 SF, 5/8" Face Aluminum Frame, Cork Surface, Fixed Tackboard	35.01	10.12
10 11 23 13-0005	SF	>6 To 12 SF, 5/8" Face Aluminum Frame, Cork Surface, Fixed Tackboard	19.80	4.76
10 11 23 13-0006	SF	>12 To 16 SF, 5/8" Face Aluminum Frame, Cork Surface, Fixed Tackboard	17.16	4.11
10 11 23 13-0007	SF	>16 To 24 SF, 5/8" Face Aluminum Frame, Cork Surface, Fixed Tackboard	13.61	2.68
10 11 23 13-0008	SF	>24 SF, 5/8" Face Aluminum Frame, Cork Surface, Fixed Tackboard	11.04	1.49
10 11 23 13-0009		1-1/4" Face Aluminum Frame, Cork Surface, Fixed Tackboards (Claridge 900A Series) *(10 11 23 13-0002)*		
10 11 23 13-0010	SF	Up To 6 SF, 1-1/4" Face Aluminum Frame, Cork Surface, Fixed Tackboard	36.75	10.12
10 11 23 13-0011	SF	>6 To 12 SF, 1-1/4" Face Aluminum Frame, Cork Surface, Fixed Tackboard	20.61	4.76
10 11 23 13-0012	SF	>12 To 16 SF, 1-1/4" Face Aluminum Frame, Cork Surface, Fixed Tackboard	16.75	4.11
10 11 23 13-0013	SF	>16 To 24 SF, 1-1/4" Face Aluminum Frame, Cork Surface, Fixed Tackboard	12.97	2.68
10 11 23 13-0014	SF	>24 SF, 1-1/4" Face Aluminum Frame, Cork Surface, Fixed Tackboard	10.03	1.49
10 11 23 13-0015		1-3/4" Face Wood Frame, Cork Surface, Fixed Tackboards (Claridge 700 Series) *(10 11 23 13-0002)*		
10 11 23 13-0016	SF	Up To 6 SF, 1-3/4" Face Wood Frame, Cork Surface, Fixed Tackboard	36.94	10.12
10 11 23 13-0017	SF	>6 To 12 SF, 1-3/4" Face Wood Frame, Cork Surface, Fixed Tackboard	22.31	4.76
10 11 23 13-0018	SF	>12 To 16 SF, 1-3/4" Face Wood Frame, Cork Surface, Fixed Tackboard	20.60	4.11
10 11 23 13-0019	SF	>16 To 24 SF, 1-3/4" Face Wood Frame, Cork Surface, Fixed Tackboard	15.77	2.68
10 11 23 13-0020	SF	>24 SF, 1-3/4" Face Wood Frame, Cork Surface, Fixed Tackboard	12.38	1.49
10 11 23 13-0021		Burlap Backed Cork Surface, Fixed Tackboards *(10 11 23 13-0001)*		

Note: Includes burlap backed 1/4" self healing cork surface, unmounted or mounted on hardboard.

10 11 23 13-0022		5/8" Face Aluminum Frame, Burlap Backed Cork Surface, Fixed Tackboards (Claridge 800 Series) *(10 11 23 13-0021)*		
10 11 23 13-0023	SF	Up To 6 SF, 5/8" Face Aluminum Frame, Burlap Backed Cork Surface, Fixed Tackboard	40.06	10.12
10 11 23 13-0024	SF	>6 To 12 SF, 5/8" Face Aluminum Frame, Burlap Backed Cork Surface, Fixed Tackboard	25.86	4.76
10 11 23 13-0025	SF	>12 To 16 SF, 5/8" Face Aluminum Frame, Burlap Backed Cork Surface, Fixed Tackboard	23.56	4.11
10 11 23 13-0026	SF	>16 To 24 SF, 5/8" Face Aluminum Frame, Burlap Backed Cork Surface, Fixed Tackboard	20.04	2.68
10 11 23 13-0027	SF	>24 SF, 5/8" Face Aluminum Frame, Burlap Backed Cork Surface, Fixed Tackboard	17.58	1.49
10 11 23 13-0028		1-3/4" Face Wood Frame, Burlap Backed Cork Surface, Fixed Tackboards (Claridge 700 Series) *(10 11 23 13-0021)*		
10 11 23 13-0029	SF	Up To 6 SF, 1-3/4" Face Wood Frame, Burlap Backed Cork Surface, Fixed Tackboard	44.28	10.12
10 11 23 13-0030	SF	>6 To 12 SF, 1-3/4" Face Wood Frame, Burlap Backed Cork Surface, Fixed Tackboard	30.37	4.76
10 11 23 13-0031	SF	>12 To 16 SF, 1-3/4" Face Wood Frame, Burlap Backed Cork Surface, Fixed Tackboard	28.11	4.11
10 11 23 13-0032	SF	>16 To 24 SF, 1-3/4" Face Wood Frame, Burlap Backed Cork Surface, Fixed Tackboard	23.34	2.68
10 11 23 13-0033	SF	>24 SF, 1-3/4" Face Wood Frame, Burlap Backed Cork Surface, Fixed Tackboard	19.99	1.49

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 11 23 13-0034		Polyester Fabric Surface, Fixed Tackboards *(10 11 23 13-0001)* Note: Includes polyester fabric on cork underlay, unmounted or mounted on duracore. Class A rating.		
10 11 23 13-0035		5/8" Face Aluminum Frame, Polyester Fabric Surface, Fixed Tackboards (Claridge 800 Series) *(10 11 23 13-0034)*		
10 11 23 13-0036	SF	Up To 6 SF, 5/8" Face Aluminum Frame, Polyester Fabric Surface, Fixed Tackboard	36.20	10.12
10 11 23 13-0037	SF	>6 To 12 SF, 5/8" Face Aluminum Frame, Polyester Fabric Surface, Fixed Tackboard	21.27	4.76
10 11 23 13-0038	SF	>12 To 16 SF, 5/8" Face Aluminum Frame, Polyester Fabric Surface, Fixed Tackboard	18.81	4.11
10 11 23 13-0039	SF	>16 To 24 SF, 5/8" Face Aluminum Frame, Polyester Fabric Surface, Fixed Tackboard	15.31	2.68
10 11 23 13-0040	SF	>24 SF, 5/8" Face Aluminum Frame, Polyester Fabric Surface, Fixed Tackboard	12.55	1.49
10 11 23 13-0041		1-3/4" Face Wood Frame, Polyester Fabric Surface, Fixed Tackboards (Claridge 700 Series) *(10 11 23 13-0034)*		
10 11 23 13-0042	SF	Up To 6 SF, 1-3/4" Face Wood Frame, Polyester Fabric Surface, Fixed Tackboard	38.59	10.12
10 11 23 13-0043	SF	>6 To 12 SF, 1-3/4" Face Wood Frame, Polyester Fabric Surface, Fixed Tackboard	24.37	4.76
10 11 23 13-0044	SF	>12 To 16 SF, 1-3/4" Face Wood Frame, Polyester Fabric Surface, Fixed Tackboard	22.53	4.11
10 11 23 13-0045	SF	>16 To 24 SF, 1-3/4" Face Wood Frame, Polyester Fabric Surface, Fixed Tackboard	17.88	2.68
10 11 23 13-0046	SF	>24 SF, 1-3/4" Face Wood Frame, Polyester Fabric Surface, Fixed Tackboard	14.58	1.49
10 11 23 13-0047		Vinyl Fabric Surface, Fixed Tackboards *(10 11 23 13-0001)* Note: Includes vinyl fabric on cork underlay, unmounted or mounted on duracore.		
10 11 23 13-0048		5/8" Face Aluminum Frame, Vinyl Fabric Surface, Fixed Tackboards (Claridge 800 Series) *(10 11 23 13-0047)*		
10 11 23 13-0049	SF	Up To 6 SF, 5/8" Face Aluminum Frame, Vinyl Fabric Surface, Fixed Tackboard	35.01	10.12
10 11 23 13-0050	SF	>6 To 12 SF, 5/8" Face Aluminum Frame, Vinyl Fabric Surface, Fixed Tackboard	19.89	4.76
10 11 23 13-0051	SF	>12 To 16 SF, 5/8" Face Aluminum Frame, Vinyl Fabric Surface, Fixed Tackboard	17.30	4.11
10 11 23 13-0052	SF	>16 To 24 SF, 5/8" Face Aluminum Frame, Vinyl Fabric Surface, Fixed Tackboard	13.61	2.68
10 11 23 13-0053	SF	>24 SF, 5/8" Face Aluminum Frame, Vinyl Fabric Surface, Fixed Tackboard	10.83	1.49
10 11 23 13-0054		1-3/4" Face Wood Frame, Vinyl Fabric Surface, Fixed Tackboards (Claridge 700 Series) *(10 11 23 13-0047)*		
10 11 23 13-0055	SF	Up To 6 SF, 1-3/4" Face Wood Frame, Vinyl Fabric Surface, Fixed Tackboard	36.94	10.12
10 11 23 13-0056	SF	>6 To 12 SF, 1-3/4" Face Wood Frame, Vinyl Fabric Surface, Fixed Tackboard	23.16	4.76
10 11 23 13-0057	SF	>12 To 16 SF, 1-3/4" Face Wood Frame, Vinyl Fabric Surface, Fixed Tackboard	20.60	4.11
10 11 23 13-0058	SF	>16 To 24 SF, 1-3/4" Face Wood Frame, Vinyl Fabric Surface, Fixed Tackboard	15.77	2.68
10 11 23 13-0059	SF	4' x 8', 1-3/4" Face Wood Frame, Vinyl Fabric Surface, Fixed Tackboard	12.38	1.49

10 12 Display Cases *(10 10)*

10 12 00 00-0001		Counter Display Cases *(10 12)*		
10 12 00 00-0002	EA	30" x 12" x 36" Counter Display Cases	1,646.37	182.28
10 12 00 00-0003	EA	30" x 12" x 48" Counter Display Cases	1,775.38	182.28
10 12 00 00-0004	EA	30" x 18" x 36" Counter Display Cases	1,722.84	182.28
10 12 00 00-0005	EA	30" x 18" x 48" Counter Display Cases	1,691.27	81.02
10 12 00 00-0006		Upright Display Case *(10 12)*		
10 12 00 00-0007	EA	72" High x 20" Deep x 70" Wide, Upright Display Case	3,396.49	182.28
10 12 00 00-0008		Full Vision Display Case *(10 12)*		
10 12 00 00-0009	EA	38" x 20" x 70" Full Vision Display Case	2,229.70	182.28

10 13 Directories *(10 10)*

10 13 11 Directory and Bulletin Boards *(10 13)*

Note: Select task based off the square footage of an individual directory or bulletin board. For example use the >12 To 16 SF range for each 3' x 5' directory or bulletin board.

10 13 11 00-0001		Wall Mounted Directories *(10 13 11)* Note: Includes changeable letters.		
10 13 11 00-0002		Open Face, Wall Mounted Directories *(10 13 11 00-0001)* Note: Includes vinyl or felt back panel.		
10 13 11 00-0003		Wood Frame, Open Face, Wall Mounted Directories (Claridge 350 Series) *(10 13 11 00-0002)*		
10 13 11 00-0004	SF	Up To 6 SF, Wood Frame, Open Face, Wall Mounted Directory	57.32	10.12
10 13 11 00-0005	SF	>6 To 12 SF, Wood Frame, Open Face, Wall Mounted Directory	37.34	4.76
10 13 11 00-0006	SF	>12 To 16 SF, Wood Frame, Open Face, Wall Mounted Directory	33.91	4.11
10 13 11 00-0007	SF	>16 To 24 SF, Wood Frame, Open Face, Wall Mounted Directory	25.87	2.68
10 13 11 00-0008	SF	>24 SF, Wood Frame, Open Face, Wall Mounted Directory	20.61	1.49

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

10 13 11 00-0009 Aluminum Frame, Open Face, Wall Mounted Directories (Claridge 432 Series) *(10 13 11 00-0002)*

10 13 11 00-0010	SF	Up To 6 SF, Aluminum Frame, Open Face, Wall Mounted Directory	57.87	10.12
		For Bronze Anodize Finish, Add	*12.00*	
10 13 11 00-0011	SF	>6 To 12 SF, Aluminum Frame, Open Face, Wall Mounted Directory	37.70	4.76
		For Bronze Anodize Finish, Add	*12.00*	
10 13 11 00-0012	SF	>12 To 16 SF, Aluminum Frame, Open Face, Wall Mounted Directory	34.65	4.11
		For Bronze Anodize Finish, Add	*12.00*	
10 13 11 00-0013	SF	>16 To 24 SF, Aluminum Frame, Open Face, Wall Mounted Directory	24.67	2.68
		For Bronze Anodize Finish, Add	*12.00*	
10 13 11 00-0014	SF	>24 SF, Aluminum Frame, Open Face, Wall Mounted Directory	21.16	1.49
		For Bronze Anodize Finish, Add	*12.00*	

10 13 11 00-0015 Glass Encased, Wall Mounted Directory Cabinets *(10 13 11 00-0001)*

Note: Includes vinyl or felt back panel, 3/16" tempered glass and flat key tumbler lock. Surface or recess mounted.

10 13 11 00-0016 Wood Frame, Glass Encased, Wall Mounted Directory Cabinets *(10 13 11 00-0015)*

10 13 11 00-0017 Hinged Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinets (Claridge 3052 Series) *(10 13 11 00-0016)*

10 13 11 00-0018	SF	Up To 6 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinet	140.12	10.12
		For Fluorescent Lights, Add	*15.00*	
10 13 11 00-0019	SF	>6 To 12 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinet	112.06	4.76
		For Fluorescent Lights, Add	*15.00*	
10 13 11 00-0020	SF	>12 To 16 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinet	93.86	4.11
		For Fluorescent Lights, Add	*15.00*	
10 13 11 00-0021	SF	>16 To 24 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinet	86.82	2.68
		For Fluorescent Lights, Add	*15.00*	
10 13 11 00-0022	SF	>24 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinet	78.44	1.49
		For Fluorescent Lights, Add	*15.00*	

10 13 11 00-0023 Sliding Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinets (Claridge 345 Series) *(10 13 11 00-0016)*

10 13 11 00-0024	SF	Up To 12 SF, Sliding Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinet	120.66	10.12
		For Fluorescent Lights, Add	*15.00*	
10 13 11 00-0025	SF	>12 To 16 SF, Sliding Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinet	96.92	4.11
		For Fluorescent Lights, Add	*15.00*	
10 13 11 00-0026	SF	>16 To 24 SF, Sliding Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinet	69.47	2.68
		For Fluorescent Lights, Add	*15.00*	
10 13 11 00-0027	SF	>24 SF, Sliding Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinet	62.47	1.49
		For Fluorescent Lights, Add	*15.00*	

10 13 11 00-0028 Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinets *(10 13 11 00-0015)*

10 13 11 00-0029 Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinets (Claridge Contemporary Series) *(10 13 11 00-0028)*

10 13 11 00-0030	SF	Up To 6 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet	125.53	10.12
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*21.06*	
10 13 11 00-0031	SF	>6 To 12 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet	96.92	4.76
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*17.48*	
10 13 11 00-0032	SF	>12 To 16 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet	82.03	4.11
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*14.76*	
10 13 11 00-0033	SF	>16 To 24 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet	60.26	2.68
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*10.98*	
10 13 11 00-0034	SF	>24 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet	56.14	1.49
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*10.63*	

10 13 11 00-0035 Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinets (Claridge Contemporary Series) *(10 13 11 00-0028)*

10 13 11 00-0036	SF	Up To 6 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet	192.91	10.12
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*34.54*	
10 13 11 00-0037	SF	>6 To 12 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet	111.98	4.76
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*20.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 13 11 00-0038	SF	>12 To 16 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet	94.35	4.11
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*17.23*	
10 13 11 00-0039	SF	>16 To 24 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet	72.69	2.68
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*13.47*	
10 13 11 00-0040	SF	>24 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet	67.16	1.49
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*12.84*	

10 13 11 00-0041 Outdoor, Glass Encased, Wall Mounted Directory Cabinets *(10 13 11 00-0001)*

Note: Includes vinyl or felt back panel, 3/16" tempered glass and flat key tumbler lock. Surface or recess mounted.

10 13 11 00-0042 Aluminum Frame, Outdoor, Glass Encased, Wall Mounted Directory Cabinets *(10 13 11 00-0041)*

10 13 11 00-0043 Hinged Door, Aluminum Frame, Outdoor, Glass Encased, Wall Mounted Directory Cabinets (Claridge 548 Series) *(10 13 11 00-0042)*

10 13 11 00-0044	SF	Up To 6 SF, Hinged Door, Outdoor, Glass Encased, Wall Mounted Directory Cabinet	189.51	10.12
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
10 13 11 00-0045	SF	>6 To 12 SF, Hinged Door, Outdoor, Glass Encased, Wall Mounted Directory Cabinet	126.39	4.76
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
10 13 11 00-0046	SF	>12 SF, Hinged Door, Outdoor, Glass Encased, Wall Mounted Directory Cabinet	122.78	4.11
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	

10 13 11 00-0047 Wall Mounted Bulletin Boards *(10 13 11)*

10 13 11 00-0048 Glass Encased, Wall Mounted Bulletin Board Cabinets *(10 13 11 00-0047)*

Note: Includes cork, fabric or hook-fab back panel, 3/16" tempered glass and flat key tumbler lock. Surface or recess mounted.

10 13 11 00-0049 Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinets *(10 13 11 00-0048)*

10 13 11 00-0050 Hinged Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinets (Claridge 3070 Series) *(10 13 11 00-0049)*

10 13 11 00-0051	SF	Up To 6 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	136.81	10.12
		For Fluorescent Lights, Add	*15.00*	
10 13 11 00-0052	SF	>6 To 12 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	109.58	4.76
		For Fluorescent Lights, Add	*15.00*	
10 13 11 00-0053	SF	>12 To 16 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	91.38	4.11
		For Fluorescent Lights, Add	*15.00*	
10 13 11 00-0054	SF	>16 To 24 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	84.48	2.68
		For Fluorescent Lights, Add	*15.00*	
10 13 11 00-0055	SF	>24 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	77.34	1.49
		For Fluorescent Lights, Add	*15.00*	

10 13 11 00-0056 Sliding Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinets (Claridge 310 Series) *(10 13 11 00-0049)*

10 13 11 00-0057	SF	Up To 12 SF, Sliding Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	114.78	10.12
		For Fluorescent Lights, Add	*15.00*	
10 13 11 00-0058	SF	>12 To 16 SF, Sliding Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	91.34	4.11
		For Fluorescent Lights, Add	*15.00*	
10 13 11 00-0059	SF	>16 To 24 SF, Sliding Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	65.16	2.68
		For Fluorescent Lights, Add	*15.00*	
10 13 11 00-0060	SF	>24 SF, Sliding Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	59.16	1.49
		For Fluorescent Lights, Add	*15.00*	

10 13 11 00-0061 Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinets *(10 13 11 00-0048)*

10 13 11 00-0062 Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinets (Claridge Contemporary Series) *(10 13 11 00-0061)*

10 13 11 00-0063	SF	Up To 6 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	128.55	10.12
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*21.66*	
10 13 11 00-0064	SF	>6 To 12 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	99.94	4.76
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*18.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 13 11 00-0065	SF	>12 To 16 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	85.05	4.11
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*15.37*	
10 13 11 00-0066	SF	>16 To 24 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	63.28	2.68
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*11.59*	
10 13 11 00-0067	SF	>24 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	59.16	1.49
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*11.24*	

10 13 11 00-0068 Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinets (Claridge Contemporary Series) *(10 13 11 00-0061)*

10 13 11 00-0069	SF	Up To 6 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	195.93	10.12
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*35.14*	
10 13 11 00-0070	SF	>6 To 12 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	115.00	4.76
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*21.10*	
10 13 11 00-0071	SF	>12 To 16 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	97.37	4.11
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*17.83*	
10 13 11 00-0072	SF	>16 To 24 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	75.71	2.68
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*14.07*	
10 13 11 00-0073	SF	>24 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet	70.18	1.49
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
		For Header Panel, Add	*13.44*	

10 13 11 00-0074 Outdoor, Glass Encased, Wall Mounted Bulletin Board Cabinets *(10 13 11 00-0047)*

Note: Includes cork, fabric or hook-fab back panel, 3/16" tempered glass and flat key tumbler lock. Surface or recess mounted.

10 13 11 00-0075 Aluminum Frame, Outdoor, Glass Encased, Wall Mounted Bulletin Board Cabinets *(10 13 11 00-0074)*

10 13 11 00-0076 Hinged Door, Aluminum Frame, Outdoor, Glass Encased, Wall Mounted Bulletin Board Cabinets *(10 13 11 00-0075)*

10 13 11 00-0077	SF	Up To 6 SF, Hinged Door, Outdoor, Glass Encased, Wall Mounted Bulletin Board Cabinet	186.49	10.12
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
10 13 11 00-0078	SF	>6 To 12 SF, Hinged Door, Outdoor, Glass Encased, Wall Mounted Bulletin Board Cabinet	123.38	4.76
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	
10 13 11 00-0079	SF	>12 SF, Hinged Door, Outdoor, Glass Encased, Wall Mounted Bulletin Board Cabinet	119.79	4.11
		For Fluorescent Lights, Add	*15.00*	
		For Bronze Anodize Finish, Add	*12.00*	

10 14 Signage *(10 10)*

Note: Where required, signage excludes electrical connection, disconnect, or terminations unless title states otherwise. See CSI section 26 05 19 16-0010 for electrical connection wiring, 26 05 83 00-0001 for terminations.

10 14 16 Plaques *(10 14)*

Note: Includes minimum 1/4" to 3/8" plaque with custom 1/4" raised lettering and emblem casting. Sizes one to four SF each.

10 14 16 00-0001 Metal Cased Plaque *(10 14 16)*

10 14 16 00-0002	SF	Bronze Cast Plaque With lettering Including Emblem Size 1-4 SF Each	549.73	29.73
		For >5 To 10, Deduct	*-59.28*	
		For >10 Each, Deduct	*-102.36*	
10 14 16 00-0003	SF	Aluminum Cast Plaque With lettering Including Emblem Size 1-4 SF Each	396.34	29.73
		For >5 To 10, Deduct	*-42.41*	
		For >10 Each, Deduct	*-70.15*	

10 14 16 00-0004 Metal Engraved Plaque, Etched *(10 14 16)*

10 14 16 00-0005	SF	Porcelainized Steel Engraved Plaque Including Emblem Size 1-4 SF Each	434.11	29.73
		For >5 To 10, Deduct	*-46.56*	
		For >10 Each, Deduct	*-78.08*	
10 14 16 00-0006	SF	Stainless Steel Engraved Plaque Including Emblem Size 1-4 SF Each	405.46	29.73
		For >5 To 10, Deduct	*-43.41*	
		For >10 Each, Deduct	*-72.06*	
10 14 16 00-0007	SF	Brass Engraved Plaque Including Emblem Size 1-4 SF Each	281.73	29.73
		For >5 To 10, Deduct	*-29.80*	
		For >10 Each, Deduct	*-46.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 16 00-0008	SF	Aluminum Engraved Plaque Including Emblem Size 1-4 SF Each	272.61	29.73
		For >5 To 10, Deduct	*-28.80*	
		For >10 Each, Deduct	*-44.17*	

10 14 16 00-0009 Metal Built-Up Plaque *(10 14 16)*

10 14 16 00-0010	SF	Bronze Built-up Plaque	425.24	36.86
		Note: Including Emblem Size 1-4 SF Each		
		For >5 To 10, Deduct	*-45.29*	
		For >10 Each, Deduct	*-72.95*	
10 14 16 00-0011	SF	Copper And Bronze Built-up Plaque	433.62	36.86
		Note: Including Emblem Size 1-4 SF Each		
		For >5 To 10, Deduct	*-46.21*	
		For >10 Each, Deduct	*-74.71*	
10 14 16 00-0012	SF	Copper And Aluminum Built-up Plaque	444.31	36.86
		Note: Including Emblem Size 1-4 SF Each		
		For >5 To 10, Deduct	*-47.39*	
		For >10 Each, Deduct	*-76.95*	
10 14 16 00-0013	SF	Bronze Built-up Dedication Plaque	490.95	74.33
		Note: Including Raised Bronze Lettering		
		For >5 To 10, Deduct	*-52.52*	
		For >10 Each, Deduct	*-86.75*	
10 14 16 00-0014	SF	Bronze Built-up Plaque	421.09	74.33
		Note: Including Raised Bronze Lettering		
		For >5 To 10, Deduct	*-44.83*	
		For >10 Each, Deduct	*-72.08*	

10 14 16 00-0015 Metal Nameplate Plaques *(10 14 16)*

10 14 16 00-0016	SF	Cast Bronze Nameplate Plaque Including Emblem Size 1-4 SF Each	219.01	20.23
		For >5 To 10, Deduct	*-23.30*	
		For >10 Each, Deduct	*-37.27*	
10 14 16 00-0017	SF	Cast Aluminum Nameplate Plaque Including Emblem Size 1-4 SF Each	307.24	20.23
		For >5 To 10, Deduct	*-33.00*	
		For >10 Each, Deduct	*-55.80*	
10 14 16 00-0018	EA	1-1/2" x 6" Engraved Bronze Nameplate Including Emblem Size 1-4 SF Each	163.13	20.23
		For >5 To 10, Deduct	*-17.15*	
		For >10 Each, Deduct	*-25.53*	
10 14 16 00-0019	EA	1-1/2" x 6" Engraved Aluminum Nameplate Including Emblem Size 1-4 SF Each	157.46	20.23
		For >5 To 10, Deduct	*-16.53*	
		For >10 Each, Deduct	*-24.34*	
10 14 16 00-0020	SF	Bronze Built-up Plaque Including Raised Bronze Lettering (3' x 9")	411.11	74.33
		For >5 To 10, Deduct	*-43.74*	
		For >10 Each, Deduct	*-69.98*	

10 14 19 Dimensional Letter Signage *(10 14)*

Note: Mounted on masonry or concrete.

10 14 19 00-0001 Cast Characters *(10 14 19)*

Note: Any font.

10 14 19 00-0002 Satin Finish, Cast Aluminum Characters *(10 14 19 00-0001)*

10 14 19 00-0003	EA	2" High x 3/8" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	53.07	7.44
		For Installation With Adhesive, Deduct	*-5.63*	
		For Clear Anodized, Add	*2.33*	
		For Satin Face And Enameled Return, Add	*7.00*	
		For Patina Finish, Add	*9.34*	
		For Color Anodized, Add	*11.67*	
10 14 19 00-0004	EA	3" High x 1/2" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	62.64	8.03
		For Installation With Adhesive, Deduct	*-6.34*	
		For Clear Anodized, Add	*3.05*	
		For Satin Face And Enameled Return, Add	*9.16*	
		For Patina Finish, Add	*12.21*	
		For Color Anodized, Add	*15.26*	
10 14 19 00-0005	EA	4" High x 5/8" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	68.60	8.62
		For Installation With Adhesive, Deduct	*-6.88*	
		For Clear Anodized, Add	*3.41*	
		For Satin Face And Enameled Return, Add	*10.23*	
		For Patina Finish, Add	*13.64*	
		For Color Anodized, Add	*17.06*	
10 14 19 00-0006	EA	5" High x 3/4" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	78.75	9.87
		For Installation With Adhesive, Deduct	*-7.86*	
		For Clear Anodized, Add	*3.95*	
		For Satin Face And Enameled Return, Add	*11.85*	
		For Patina Finish, Add	*15.80*	
		For Color Anodized, Add	*19.75*	
10 14 19 00-0007	EA	6" High x 3/4" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	86.51	10.40
		For Installation With Adhesive, Deduct	*-8.49*	
		For Clear Anodized, Add	*4.49*	
		For Satin Face And Enameled Return, Add	*13.47*	
		For Patina Finish, Add	*17.96*	
		For Color Anodized, Add	*22.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0008	EA	8" High x 3/4" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	103.23	11.89
		For Installation With Adhesive, Deduct	*-9.92*	
		For Clear Anodized, Add	*5.57*	
		For Satin Face And Enameled Return, Add	*16.70*	
		For Patina Finish, Add	*22.26*	
		For Color Anodized, Add	*27.83*	
10 14 19 00-0009	EA	9" High x 3/4" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	114.59	12.49
		For Installation With Adhesive, Deduct	*-10.72*	
		For Clear Anodized, Add	*6.46*	
		For Satin Face And Enameled Return, Add	*19.39*	
		For Patina Finish, Add	*25.86*	
		For Color Anodized, Add	*32.32*	
10 14 19 00-0010	EA	10" High x 1" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	130.72	13.38
		For Installation With Adhesive, Deduct	*-11.89*	
		For Clear Anodized, Add	*7.72*	
		For Satin Face And Enameled Return, Add	*23.16*	
		For Patina Finish, Add	*30.88*	
		For Color Anodized, Add	*38.61*	
10 14 19 00-0011	EA	12" High x 1" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	158.81	15.46
		For Installation With Adhesive, Deduct	*-14.13*	
		For Clear Anodized, Add	*9.70*	
		For Satin Face And Enameled Return, Add	*29.09*	
		For Patina Finish, Add	*38.78*	
		For Color Anodized, Add	*48.48*	
10 14 19 00-0012	EA	14" High x 1" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	189.86	17.84
		For Installation With Adhesive, Deduct	*-16.63*	
		For Clear Anodized, Add	*11.85*	
		For Satin Face And Enameled Return, Add	*35.55*	
		For Patina Finish, Add	*47.40*	
		For Color Anodized, Add	*59.25*	
10 14 19 00-0013	EA	15" High x 1-1/4" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	208.60	19.83
		For Installation With Adhesive, Deduct	*-18.36*	
		For Clear Anodized, Add	*12.93*	
		For Satin Face And Enameled Return, Add	*38.78*	
		For Patina Finish, Add	*51.71*	
		For Color Anodized, Add	*64.64*	
10 14 19 00-0014	EA	16" High x 1-1/4" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	232.86	21.41
		For Installation With Adhesive, Deduct	*-20.21*	
		For Clear Anodized, Add	*14.72*	
		For Satin Face And Enameled Return, Add	*44.17*	
		For Patina Finish, Add	*58.89*	
		For Color Anodized, Add	*73.62*	
10 14 19 00-0015	EA	18" High x 1-1/2" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	281.88	23.78
		For Installation With Adhesive, Deduct	*-23.61*	
		For Clear Anodized, Add	*18.67*	
		For Satin Face And Enameled Return, Add	*56.02*	
		For Patina Finish, Add	*74.69*	
		For Color Anodized, Add	*93.37*	
10 14 19 00-0016	EA	20" High x 1-1/2" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	340.46	26.76
		For Installation With Adhesive, Deduct	*-27.73*	
		For Clear Anodized, Add	*23.34*	
		For Satin Face And Enameled Return, Add	*70.03*	
		For Patina Finish, Add	*93.37*	
		For Color Anodized, Add	*116.71*	
10 14 19 00-0017	EA	24" High x 1-1/2" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	409.80	29.73
		For Installation With Adhesive, Deduct	*-32.38*	
		For Clear Anodized, Add	*29.09*	
		For Satin Face And Enameled Return, Add	*87.26*	
		For Patina Finish, Add	*116.35*	
		For Color Anodized, Add	*145.44*	

10 14 19 00-0018 Satin Finish, Cast Bronze Characters *(10 14 19 00-0001)*

10 14 19 00-0019	EA	2" High x 3/8" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	63.95	8.18
		For Installation With Adhesive, Deduct	*-6.47*	
		For Oxidized Finish, Add	*4.69*	
		For Polished Or Patina Finish, Add	*9.37*	
10 14 19 00-0020	EA	3" High x 1/2" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	90.72	8.92
		For Installation With Adhesive, Deduct	*-8.10*	
		For Oxidized Finish, Add	*8.26*	
		For Polished Or Patina Finish, Add	*16.51*	
10 14 19 00-0021	EA	4" High x 5/8" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	99.06	9.52
		For Installation With Adhesive, Deduct	*-8.76*	
		For Oxidized Finish, Add	*9.15*	
		For Polished Or Patina Finish, Add	*18.30*	
10 14 19 00-0022	EA	5" High x 3/4" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	120.18	10.70
		For Installation With Adhesive, Deduct	*-10.29*	
		For Oxidized Finish, Add	*11.60*	
		For Polished Or Patina Finish, Add	*23.21*	
10 14 19 00-0023	EA	6" High x 1/2" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	133.56	11.42
		For Installation With Adhesive, Deduct	*-11.26*	
		For Oxidized Finish, Add	*13.17*	
		For Polished Or Patina Finish, Add	*26.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0024	EA	8" High x 3/4" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	177.30	13.08
		For Installation With Adhesive, Deduct	*-14.10*	
		For Oxidized Finish, Add	*18.75*	
		For Polished Or Patina Finish, Add	*37.49*	
10 14 19 00-0025	EA	9" High x 3/4" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	201.99	13.67
		For Installation With Adhesive, Deduct	*-15.57*	
		For Oxidized Finish, Add	*22.09*	
		For Polished Or Patina Finish, Add	*44.18*	
10 14 19 00-0026	EA	10" High x 1" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	226.08	14.87
		For Installation With Adhesive, Deduct	*-17.25*	
		For Oxidized Finish, Add	*24.99*	
		For Polished Or Patina Finish, Add	*49.99*	
10 14 19 00-0027	EA	12" High x 1" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	268.33	17.24
		For Installation With Adhesive, Deduct	*-20.31*	
		For Oxidized Finish, Add	*29.90*	
		For Polished Or Patina Finish, Add	*59.81*	
10 14 19 00-0028	EA	14" High x 1" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	315.04	19.62
		For Installation With Adhesive, Deduct	*-23.60*	
		For Oxidized Finish, Add	*35.48*	
		For Polished Or Patina Finish, Add	*70.96*	
10 14 19 00-0029	EA	15" High x 1-1/4" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	373.35	23.78
		For Installation With Adhesive, Deduct	*-28.18*	
		For Oxidized Finish, Add	*41.73*	
		For Polished Or Patina Finish, Add	*83.46*	
10 14 19 00-0030	EA	16" High x 1-1/4" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	387.92	25.57
		For Installation With Adhesive, Deduct	*-29.62*	
		For Oxidized Finish, Add	*42.85*	
		For Polished Or Patina Finish, Add	*85.69*	
10 14 19 00-0031	EA	18" High x 1-1/2" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	548.87	29.73
		For Installation With Adhesive, Deduct	*-39.34*	
		For Oxidized Finish, Add	*64.49*	
		For Polished Or Patina Finish, Add	*128.98*	
10 14 19 00-0032	EA	20" High x 1-1/2" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	660.43	33.45
		For Installation With Adhesive, Deduct	*-46.40*	
		For Oxidized Finish, Add	*79.00*	
		For Polished Or Patina Finish, Add	*157.99*	
10 14 19 00-0033	EA	24" High x 1-1/2" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	838.95	38.65
		For Installation With Adhesive, Deduct	*-57.41*	
		For Oxidized Finish, Add	*102.65*	
		For Polished Or Patina Finish, Add	*205.30*	

10 14 19 00-0034 Molded Characters *(10 14 19)*

Note: Any font.

10 14 19 00-0035 Molded Plastic Characters *(10 14 19 00-0034)*

10 14 19 00-0036	EA	4" High x 3/4" Deep, Molded Plastic Sign Letter/Character, Installed With Studs	40.80	5.95
		For Installation With Adhesive, Deduct	*-4.42*	
10 14 19 00-0037	EA	5" High x 3/4" Deep, Molded Plastic Sign Letter/Character, Installed With Studs	44.22	6.54
		For Installation With Adhesive, Deduct	*-4.83*	
10 14 19 00-0038	EA	6" High x 3/4" Deep, Molded Plastic Sign Letter/Character, Installed With Studs	48.80	7.13
		For Installation With Adhesive, Deduct	*-5.29*	
10 14 19 00-0039	EA	8" High x 3/4" Deep, Molded Plastic Sign Letter/Character, Installed With Studs	62.06	7.73
		For Installation With Adhesive, Deduct	*-6.20*	
10 14 19 00-0040	EA	9" High x 3/4" Deep, Molded Plastic Sign Letter/Character, Installed With Studs	67.06	8.32
		For Installation With Adhesive, Deduct	*-6.68*	
10 14 19 00-0041	EA	10" High x 1" Deep, Molded Plastic Sign Letter/Character, Installed With Studs	72.60	8.92
		For Installation With Adhesive, Deduct	*-7.20*	
10 14 19 00-0042	EA	12" High x 1" Deep, Molded Plastic Sign Letter/Character, Installed With Studs	84.61	10.40
		For Installation With Adhesive, Deduct	*-8.39*	
10 14 19 00-0043	EA	15" High x 1" Deep, Molded Plastic Sign Letter/Character, Installed With Studs	111.30	13.08
		For Installation With Adhesive, Deduct	*-10.80*	
10 14 19 00-0044	EA	18" High x 1-1/2" Deep, Molded Plastic Sign Letter/Character, Installed With Studs	141.33	15.46
		For Installation With Adhesive, Deduct	*-13.25*	
10 14 19 00-0045	EA	24" High x 1-1/2" Deep, Molded Plastic Sign Letter/Character, Installed With Studs	208.01	19.03
		For Installation With Adhesive, Deduct	*-18.01*	
10 14 19 00-0046	EA	30" High x 1-1/2" Deep, Molded Plastic Sign Letter/Character, Installed With Studs	306.99	22.30
		For Installation With Adhesive, Deduct	*-24.27*	
10 14 19 00-0047	EA	36" High x 1-1/2" Deep, Molded Plastic Sign Letter/Character, Installed With Studs	401.83	25.57
		For Installation With Adhesive, Deduct	*-30.32*	
10 14 19 00-0048	EA	48" High x 1-1/2" Deep, Molded Plastic Sign Letter/Character, Installed With Studs	747.22	34.19
		For Installation With Adhesive, Deduct	*-51.04*	

10 14 19 00-0049 Cutout Characters *(10 14 19)*

Note: Any font.

10 14 19 00-0050 Satin Finish, Aluminum Characters *(10 14 19 00-0049)*

10 14 19 00-0051 1/4" Deep, Satin Finish, Aluminum Characters *(10 14 19 00-0050)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0052	EA	2" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	49.48	7.44
		For Installation With Adhesive, Deduct	*-5.45*	
		For Clear Anodized, Add	*1.98*	
		For Satin Face And Enameled Return, Add	*6.91*	
		For Color Anodized, Add	*9.88*	
		For Polished Or Patina Finish, Add	*9.88*	
		For Polished Anodized Finish, Add	*14.81*	
10 14 19 00-0053	EA	4" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	68.60	8.62
		For Installation With Adhesive, Deduct	*-6.88*	
		For Clear Anodized, Add	*3.41*	
		For Satin Face And Enameled Return, Add	*11.94*	
		For Color Anodized, Add	*17.06*	
		For Polished Or Patina Finish, Add	*17.06*	
		For Polished Anodized Finish, Add	*25.58*	
10 14 19 00-0054	EA	6" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	91.89	10.40
		For Installation With Adhesive, Deduct	*-8.76*	
		For Clear Anodized, Add	*5.03*	
		For Satin Face And Enameled Return, Add	*17.59*	
		For Color Anodized, Add	*25.14*	
		For Polished Or Patina Finish, Add	*25.14*	
		For Polished Anodized Finish, Add	*37.70*	
10 14 19 00-0055	EA	8" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	112.21	11.89
		For Installation With Adhesive, Deduct	*-10.37*	
		For Clear Anodized, Add	*6.46*	
		For Satin Face And Enameled Return, Add	*22.62*	
		For Color Anodized, Add	*32.32*	
		For Polished Or Patina Finish, Add	*32.32*	
		For Polished Anodized Finish, Add	*48.48*	
10 14 19 00-0056	EA	10" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	128.92	13.38
		For Installation With Adhesive, Deduct	*-11.80*	
		For Clear Anodized, Add	*7.54*	
		For Satin Face And Enameled Return, Add	*26.39*	
		For Color Anodized, Add	*37.71*	
		For Polished Or Patina Finish, Add	*37.71*	
		For Polished Anodized Finish, Add	*56.56*	
10 14 19 00-0057	EA	12" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	148.03	15.46
		For Installation With Adhesive, Deduct	*-13.59*	
		For Clear Anodized, Add	*8.62*	
		For Satin Face And Enameled Return, Add	*30.16*	
		For Color Anodized, Add	*43.09*	
		For Polished Or Patina Finish, Add	*43.09*	
		For Polished Anodized Finish, Add	*64.64*	
10 14 19 00-0058	EA	14" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	173.69	17.84
		For Installation With Adhesive, Deduct	*-15.82*	
		For Clear Anodized, Add	*10.23*	
		For Satin Face And Enameled Return, Add	*35.82*	
		For Color Anodized, Add	*51.17*	
		For Polished Or Patina Finish, Add	*51.17*	
		For Polished Anodized Finish, Add	*76.76*	
10 14 19 00-0059	EA	16" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	205.93	21.41
		For Installation With Adhesive, Deduct	*-18.86*	
		For Clear Anodized, Add	*12.03*	
		For Satin Face And Enameled Return, Add	*42.11*	
		For Color Anodized, Add	*60.15*	
		For Polished Or Patina Finish, Add	*60.15*	
		For Polished Anodized Finish, Add	*90.23*	
10 14 19 00-0060	EA	18" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	231.61	23.78
		For Installation With Adhesive, Deduct	*-21.10*	
		For Clear Anodized, Add	*13.65*	
		For Satin Face And Enameled Return, Add	*47.76*	
		For Color Anodized, Add	*68.23*	
		For Polished Or Patina Finish, Add	*68.23*	
		For Polished Anodized Finish, Add	*102.35*	
10 14 19 00-0061	EA	20" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	277.61	26.76
		For Installation With Adhesive, Deduct	*-24.58*	
		For Clear Anodized, Add	*17.06*	
		For Satin Face And Enameled Return, Add	*59.70*	
		For Color Anodized, Add	*85.29*	
		For Polished Or Patina Finish, Add	*85.29*	
		For Polished Anodized Finish, Add	*127.93*	
10 14 19 00-0062	EA	22" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	317.68	28.24
		For Installation With Adhesive, Deduct	*-27.18*	
		For Clear Anodized, Add	*20.47*	
		For Satin Face And Enameled Return, Add	*71.64*	
		For Color Anodized, Add	*102.35*	
		For Polished Or Patina Finish, Add	*102.35*	
		For Polished Anodized Finish, Add	*153.52*	
10 14 19 00-0063	EA	24" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	391.85	29.73
		For Installation With Adhesive, Deduct	*-31.49*	
		For Clear Anodized, Add	*27.29*	
		For Satin Face And Enameled Return, Add	*95.52*	
		For Color Anodized, Add	*136.46*	
		For Polished Or Patina Finish, Add	*136.46*	
		For Polished Anodized Finish, Add	*204.69*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0064	EA	30" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	558.68	35.68
		For Installation With Adhesive, Deduct	*-42.21*	
		For Clear Anodized, Add	*41.60*	
		For Satin Face And Enameled Return, Add	*145.59*	
		For Color Anodized, Add	*207.98*	
		For Polished Or Patina Finish, Add	*207.98*	
		For Polished Anodized Finish, Add	*311.97*	

10 14 19 00-0065 3/8" Deep, Satin Finish, Aluminum Characters *(10 14 19 00-0050)*

10 14 19 00-0066	EA	2" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	62.12	7.44
		For Installation With Adhesive, Deduct	*-6.08*	
		For Clear Anodized, Add	*3.24*	
		For Satin Face And Enameled Return, Add	*11.34*	
		For Color Anodized, Add	*16.20*	
		For Polished Or Patina Finish, Add	*16.20*	
		For Polished Anodized Finish, Add	*24.29*	
10 14 19 00-0067	EA	4" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	88.39	8.62
		For Installation With Adhesive, Deduct	*-7.87*	
		For Clear Anodized, Add	*5.39*	
		For Satin Face And Enameled Return, Add	*18.87*	
		For Color Anodized, Add	*26.95*	
		For Polished Or Patina Finish, Add	*26.95*	
		For Polished Anodized Finish, Add	*40.43*	
10 14 19 00-0068	EA	6" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	111.50	10.40
		For Installation With Adhesive, Deduct	*-9.74*	
		For Clear Anodized, Add	*6.99*	
		For Satin Face And Enameled Return, Add	*24.46*	
		For Color Anodized, Add	*34.94*	
		For Polished Or Patina Finish, Add	*34.94*	
		For Polished Anodized Finish, Add	*52.41*	
10 14 19 00-0069	EA	8" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	139.36	11.89
		For Installation With Adhesive, Deduct	*-11.73*	
		For Clear Anodized, Add	*9.18*	
		For Satin Face And Enameled Return, Add	*32.13*	
		For Color Anodized, Add	*45.90*	
		For Polished Or Patina Finish, Add	*45.90*	
		For Polished Anodized Finish, Add	*68.84*	
10 14 19 00-0070	EA	10" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	161.35	13.38
		For Installation With Adhesive, Deduct	*-13.42*	
		For Clear Anodized, Add	*10.78*	
		For Satin Face And Enameled Return, Add	*37.74*	
		For Color Anodized, Add	*53.92*	
		For Polished Or Patina Finish, Add	*53.92*	
		For Polished Anodized Finish, Add	*80.88*	
10 14 19 00-0071	EA	12" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	189.40	15.46
		For Installation With Adhesive, Deduct	*-15.66*	
		For Clear Anodized, Add	*12.76*	
		For Satin Face And Enameled Return, Add	*44.64*	
		For Color Anodized, Add	*63.78*	
		For Polished Or Patina Finish, Add	*63.78*	
		For Polished Anodized Finish, Add	*95.66*	
10 14 19 00-0072	EA	14" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	221.79	17.84
		For Installation With Adhesive, Deduct	*-18.22*	
		For Clear Anodized, Add	*15.04*	
		For Satin Face And Enameled Return, Add	*52.65*	
		For Color Anodized, Add	*75.22*	
		For Polished Or Patina Finish, Add	*75.22*	
		For Polished Anodized Finish, Add	*112.83*	
10 14 19 00-0073	EA	16" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	274.50	21.41
		For Installation With Adhesive, Deduct	*-22.29*	
		For Clear Anodized, Add	*18.89*	
		For Satin Face And Enameled Return, Add	*66.10*	
		For Color Anodized, Add	*94.44*	
		For Polished Or Patina Finish, Add	*94.44*	
		For Polished Anodized Finish, Add	*141.65*	
10 14 19 00-0074	EA	18" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	317.58	23.78
		For Installation With Adhesive, Deduct	*-25.39*	
		For Clear Anodized, Add	*22.24*	
		For Satin Face And Enameled Return, Add	*77.85*	
		For Color Anodized, Add	*111.22*	
		For Polished Or Patina Finish, Add	*111.22*	
		For Polished Anodized Finish, Add	*166.82*	
10 14 19 00-0075	EA	20" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	368.02	26.76
		For Installation With Adhesive, Deduct	*-29.11*	
		For Clear Anodized, Add	*26.10*	
		For Satin Face And Enameled Return, Add	*91.34*	
		For Color Anodized, Add	*130.49*	
		For Polished Or Patina Finish, Add	*130.49*	
		For Polished Anodized Finish, Add	*195.74*	
10 14 19 00-0076	EA	22" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	411.83	28.24
		For Installation With Adhesive, Deduct	*-31.89*	
		For Clear Anodized, Add	*29.88*	
		For Satin Face And Enameled Return, Add	*104.59*	
		For Color Anodized, Add	*149.42*	
		For Polished Or Patina Finish, Add	*149.42*	
		For Polished Anodized Finish, Add	*224.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0077	EA	24" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	457.35	29.73
		For Installation With Adhesive, Deduct	*-34.76*	
		For Clear Anodized, Add	*33.84*	
		For Satin Face And Enameled Return, Add	*118.45*	
		For Color Anodized, Add	*169.21*	
		For Polished Or Patina Finish, Add	*169.21*	
		For Polished Anodized Finish, Add	*253.82*	
10 14 19 00-0078	EA	30" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	627.50	35.68
		For Installation With Adhesive, Deduct	*-45.65*	
		For Clear Anodized, Add	*48.48*	
		For Satin Face And Enameled Return, Add	*169.67*	
		For Color Anodized, Add	*242.39*	
		For Polished Or Patina Finish, Add	*242.39*	
		For Polished Anodized Finish, Add	*363.59*	

10 14 19 00-0079 1/2" Deep, Satin Finish, Aluminum Characters *(10 14 19 00-0050)*

10 14 19 00-0080	EA	2" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	76.74	7.44
		For Installation With Adhesive, Deduct	*-6.81*	
		For Clear Anodized, Add	*4.70*	
		For Satin Face And Enameled Return, Add	*16.45*	
		For Color Anodized, Add	*23.51*	
		For Polished Or Patina Finish, Add	*23.51*	
		For Polished Anodized Finish, Add	*35.26*	
10 14 19 00-0081	EA	4" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	98.97	8.62
		For Installation With Adhesive, Deduct	*-8.40*	
		For Clear Anodized, Add	*6.45*	
		For Satin Face And Enameled Return, Add	*22.57*	
		For Color Anodized, Add	*32.24*	
		For Polished Or Patina Finish, Add	*32.24*	
		For Polished Anodized Finish, Add	*48.36*	
10 14 19 00-0082	EA	6" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	124.07	10.40
		For Installation With Adhesive, Deduct	*-10.37*	
		For Clear Anodized, Add	*8.25*	
		For Satin Face And Enameled Return, Add	*28.86*	
		For Color Anodized, Add	*41.23*	
		For Polished Or Patina Finish, Add	*41.23*	
		For Polished Anodized Finish, Add	*61.84*	
10 14 19 00-0083	EA	8" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	146.47	11.89
		For Installation With Adhesive, Deduct	*-12.08*	
		For Clear Anodized, Add	*9.89*	
		For Satin Face And Enameled Return, Add	*34.62*	
		For Color Anodized, Add	*49.45*	
		For Polished Or Patina Finish, Add	*49.45*	
		For Polished Anodized Finish, Add	*74.18*	
10 14 19 00-0084	EA	10" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	170.40	13.38
		For Installation With Adhesive, Deduct	*-13.87*	
		For Clear Anodized, Add	*11.69*	
		For Satin Face And Enameled Return, Add	*40.91*	
		For Color Anodized, Add	*58.45*	
		For Polished Or Patina Finish, Add	*58.45*	
		For Polished Anodized Finish, Add	*87.67*	
10 14 19 00-0085	EA	12" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	209.22	15.46
		For Installation With Adhesive, Deduct	*-16.65*	
		For Clear Anodized, Add	*14.74*	
		For Satin Face And Enameled Return, Add	*51.58*	
		For Color Anodized, Add	*73.69*	
		For Polished Or Patina Finish, Add	*73.69*	
		For Polished Anodized Finish, Add	*110.53*	
10 14 19 00-0086	EA	14" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	257.62	17.84
		For Installation With Adhesive, Deduct	*-20.02*	
		For Clear Anodized, Add	*18.63*	
		For Satin Face And Enameled Return, Add	*65.19*	
		For Color Anodized, Add	*93.14*	
		For Polished Or Patina Finish, Add	*93.14*	
		For Polished Anodized Finish, Add	*139.70*	
10 14 19 00-0087	EA	16" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	311.79	21.41
		For Installation With Adhesive, Deduct	*-24.15*	
		For Clear Anodized, Add	*22.62*	
		For Satin Face And Enameled Return, Add	*79.16*	
		For Color Anodized, Add	*113.08*	
		For Polished Or Patina Finish, Add	*113.08*	
		For Polished Anodized Finish, Add	*169.62*	
10 14 19 00-0088	EA	18" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	377.62	23.78
		For Installation With Adhesive, Deduct	*-28.40*	
		For Clear Anodized, Add	*28.25*	
		For Satin Face And Enameled Return, Add	*98.86*	
		For Color Anodized, Add	*141.24*	
		For Polished Or Patina Finish, Add	*141.24*	
		For Polished Anodized Finish, Add	*211.85*	
10 14 19 00-0089	EA	20" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	444.77	26.76
		For Installation With Adhesive, Deduct	*-32.94*	
		For Clear Anodized, Add	*33.77*	
		For Satin Face And Enameled Return, Add	*118.21*	
		For Color Anodized, Add	*168.87*	
		For Polished Or Patina Finish, Add	*168.87*	
		For Polished Anodized Finish, Add	*253.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0090	EA	22" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	510.08	28.24
		For Installation With Adhesive, Deduct	*-36.80*	
		For Clear Anodized, Add	*39.71*	
		For Satin Face And Enameled Return, Add	*138.98*	
		For Color Anodized, Add	*198.55*	
		For Polished Or Patina Finish, Add	*198.55*	
		For Polished Anodized Finish, Add	*297.82*	
10 14 19 00-0091	EA	24" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	571.97	29.73
		For Installation With Adhesive, Deduct	*-40.49*	
		For Clear Anodized, Add	*45.30*	
		For Satin Face And Enameled Return, Add	*158.56*	
		For Color Anodized, Add	*226.52*	
		For Polished Or Patina Finish, Add	*226.52*	
		For Polished Anodized Finish, Add	*339.78*	
10 14 19 00-0092	EA	30" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	792.33	35.68
		For Installation With Adhesive, Deduct	*-53.89*	
		For Clear Anodized, Add	*64.96*	
		For Satin Face And Enameled Return, Add	*227.36*	
		For Color Anodized, Add	*324.81*	
		For Polished Or Patina Finish, Add	*324.81*	
		For Polished Anodized Finish, Add	*487.21*	
10 14 19 00-0093		3/4" Deep, Satin Finish, Aluminum Characters *(10 14 19 00-0050)*		
10 14 19 00-0094	EA	2" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	80.09	7.44
		For Installation With Adhesive, Deduct	*-6.98*	
		For Clear Anodized, Add	*5.04*	
		For Satin Face And Enameled Return, Add	*17.63*	
		For Color Anodized, Add	*25.18*	
		For Polished Or Patina Finish, Add	*25.18*	
		For Polished Anodized Finish, Add	*37.77*	
10 14 19 00-0095	EA	4" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	102.72	8.62
		For Installation With Adhesive, Deduct	*-8.59*	
		For Clear Anodized, Add	*6.82*	
		For Satin Face And Enameled Return, Add	*23.88*	
		For Color Anodized, Add	*34.12*	
		For Polished Or Patina Finish, Add	*34.12*	
		For Polished Anodized Finish, Add	*51.17*	
10 14 19 00-0096	EA	6" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	135.13	10.40
		For Installation With Adhesive, Deduct	*-10.92*	
		For Clear Anodized, Add	*9.35*	
		For Satin Face And Enameled Return, Add	*32.73*	
		For Color Anodized, Add	*46.76*	
		For Polished Or Patina Finish, Add	*46.76*	
		For Polished Anodized Finish, Add	*70.13*	
10 14 19 00-0097	EA	8" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	178.79	11.89
		For Installation With Adhesive, Deduct	*-13.70*	
		For Clear Anodized, Add	*13.12*	
		For Satin Face And Enameled Return, Add	*45.93*	
		For Color Anodized, Add	*65.61*	
		For Polished Or Patina Finish, Add	*65.61*	
		For Polished Anodized Finish, Add	*98.42*	
10 14 19 00-0098	EA	10" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	223.94	13.38
		For Installation With Adhesive, Deduct	*-16.55*	
		For Clear Anodized, Add	*17.04*	
		For Satin Face And Enameled Return, Add	*59.65*	
		For Color Anodized, Add	*85.22*	
		For Polished Or Patina Finish, Add	*85.22*	
		For Polished Anodized Finish, Add	*127.82*	
10 14 19 00-0099	EA	12" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	280.76	15.46
		For Installation With Adhesive, Deduct	*-20.22*	
		For Clear Anodized, Add	*21.89*	
		For Satin Face And Enameled Return, Add	*76.62*	
		For Color Anodized, Add	*109.46*	
		For Polished Or Patina Finish, Add	*109.46*	
		For Polished Anodized Finish, Add	*164.18*	
10 14 19 00-0100	EA	14" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	349.72	17.84
		For Installation With Adhesive, Deduct	*-24.62*	
		For Clear Anodized, Add	*27.84*	
		For Satin Face And Enameled Return, Add	*97.43*	
		For Color Anodized, Add	*139.19*	
		For Polished Or Patina Finish, Add	*139.19*	
		For Polished Anodized Finish, Add	*208.78*	
10 14 19 00-0101	EA	16" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	432.09	21.41
		For Installation With Adhesive, Deduct	*-30.17*	
		For Clear Anodized, Add	*34.65*	
		For Satin Face And Enameled Return, Add	*121.26*	
		For Color Anodized, Add	*173.23*	
		For Polished Or Patina Finish, Add	*173.23*	
		For Polished Anodized Finish, Add	*259.85*	
10 14 19 00-0102	EA	18" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	527.72	23.78
		For Installation With Adhesive, Deduct	*-35.90*	
		For Clear Anodized, Add	*43.26*	
		For Satin Face And Enameled Return, Add	*151.40*	
		For Color Anodized, Add	*216.29*	
		For Polished Or Patina Finish, Add	*216.29*	
		For Polished Anodized Finish, Add	*324.43*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0103	EA	20" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	627.29	26.76
		For Installation With Adhesive, Deduct	*-42.07*	
		For Clear Anodized, Add	*52.03*	
		For Satin Face And Enameled Return, Add	*182.09*	
		For Color Anodized, Add	*260.13*	
		For Polished Or Patina Finish, Add	*260.13*	
		For Polished Anodized Finish, Add	*390.19*	
10 14 19 00-0104	EA	22" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	727.05	28.24
		For Installation With Adhesive, Deduct	*-47.65*	
		For Clear Anodized, Add	*61.41*	
		For Satin Face And Enameled Return, Add	*214.92*	
		For Color Anodized, Add	*307.03*	
		For Polished Or Patina Finish, Add	*307.03*	
		For Polished Anodized Finish, Add	*460.55*	
10 14 19 00-0105	EA	24" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	831.24	29.73
		For Installation With Adhesive, Deduct	*-53.46*	
		For Clear Anodized, Add	*71.23*	
		For Satin Face And Enameled Return, Add	*249.31*	
		For Color Anodized, Add	*356.16*	
		For Polished Or Patina Finish, Add	*356.16*	
		For Polished Anodized Finish, Add	*534.23*	
10 14 19 00-0106	EA	30" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	1,141.38	35.68
		For Installation With Adhesive, Deduct	*-71.34*	
		For Clear Anodized, Add	*99.87*	
		For Satin Face And Enameled Return, Add	*349.53*	
		For Color Anodized, Add	*499.33*	
		For Polished Or Patina Finish, Add	*499.33*	
		For Polished Anodized Finish, Add	*749.00*	

10 14 19 00-0107 1" Deep, Satin Finish, Aluminum Characters *(10 14 19 00-0050)*

10 14 19 00-0108	EA	2" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	88.98	7.44
		For Installation With Adhesive, Deduct	*-7.42*	
		For Clear Anodized, Add	*5.93*	
		For Satin Face And Enameled Return, Add	*20.74*	
		For Color Anodized, Add	*29.63*	
		For Polished Or Patina Finish, Add	*29.63*	
		For Polished Anodized Finish, Add	*44.44*	
10 14 19 00-0109	EA	4" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	109.88	8.62
		For Installation With Adhesive, Deduct	*-8.94*	
		For Clear Anodized, Add	*7.54*	
		For Satin Face And Enameled Return, Add	*26.39*	
		For Color Anodized, Add	*37.70*	
		For Polished Or Patina Finish, Add	*37.70*	
		For Polished Anodized Finish, Add	*56.54*	
10 14 19 00-0110	EA	6" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	144.18	10.40
		For Installation With Adhesive, Deduct	*-11.37*	
		For Clear Anodized, Add	*10.26*	
		For Satin Face And Enameled Return, Add	*35.90*	
		For Color Anodized, Add	*51.28*	
		For Polished Or Patina Finish, Add	*51.28*	
		For Polished Anodized Finish, Add	*76.92*	
10 14 19 00-0111	EA	8" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	196.88	11.89
		For Installation With Adhesive, Deduct	*-14.60*	
		For Clear Anodized, Add	*14.93*	
		For Satin Face And Enameled Return, Add	*52.26*	
		For Color Anodized, Add	*74.66*	
		For Polished Or Patina Finish, Add	*74.66*	
		For Polished Anodized Finish, Add	*111.98*	
10 14 19 00-0112	EA	10" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	266.92	13.38
		For Installation With Adhesive, Deduct	*-18.70*	
		For Clear Anodized, Add	*21.34*	
		For Satin Face And Enameled Return, Add	*74.69*	
		For Color Anodized, Add	*106.71*	
		For Polished Or Patina Finish, Add	*106.71*	
		For Polished Anodized Finish, Add	*160.06*	
10 14 19 00-0113	EA	12" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	348.84	15.46
		For Installation With Adhesive, Deduct	*-23.63*	
		For Clear Anodized, Add	*28.70*	
		For Satin Face And Enameled Return, Add	*100.45*	
		For Color Anodized, Add	*143.50*	
		For Polished Or Patina Finish, Add	*143.50*	
		For Polished Anodized Finish, Add	*215.24*	
10 14 19 00-0114	EA	14" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	440.81	17.84
		For Installation With Adhesive, Deduct	*-29.18*	
		For Clear Anodized, Add	*36.95*	
		For Satin Face And Enameled Return, Add	*129.31*	
		For Color Anodized, Add	*184.73*	
		For Polished Or Patina Finish, Add	*184.73*	
		For Polished Anodized Finish, Add	*277.10*	
10 14 19 00-0115	EA	16" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	547.58	21.41
		For Installation With Adhesive, Deduct	*-35.94*	
		For Clear Anodized, Add	*46.20*	
		For Satin Face And Enameled Return, Add	*161.68*	
		For Color Anodized, Add	*230.98*	
		For Polished Or Patina Finish, Add	*230.98*	
		For Polished Anodized Finish, Add	*346.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0116	EA	18" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	662.82	23.78
		For Installation With Adhesive, Deduct	*-42.66*	
		For Clear Anodized, Add	*56.77*	
		For Satin Face And Enameled Return, Add	*198.68*	
		For Color Anodized, Add	*283.84*	
		For Polished Or Patina Finish, Add	*283.84*	
		For Polished Anodized Finish, Add	*425.75*	
10 14 19 00-0117	EA	20" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	814.92	26.76
		For Installation With Adhesive, Deduct	*-51.45*	
		For Clear Anodized, Add	*70.79*	
		For Satin Face And Enameled Return, Add	*247.76*	
		For Color Anodized, Add	*353.94*	
		For Polished Or Patina Finish, Add	*353.94*	
		For Polished Anodized Finish, Add	*530.91*	
10 14 19 00-0118	EA	22" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	970.63	28.24
		For Installation With Adhesive, Deduct	*-59.83*	
		For Clear Anodized, Add	*85.76*	
		For Satin Face And Enameled Return, Add	*300.17*	
		For Color Anodized, Add	*428.82*	
		For Polished Or Patina Finish, Add	*428.82*	
		For Polished Anodized Finish, Add	*643.23*	
10 14 19 00-0119	EA	24" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	1,145.09	29.73
		For Installation With Adhesive, Deduct	*-69.15*	
		For Clear Anodized, Add	*102.62*	
		For Satin Face And Enameled Return, Add	*359.16*	
		For Color Anodized, Add	*513.08*	
		For Polished Or Patina Finish, Add	*513.08*	
		For Polished Anodized Finish, Add	*769.62*	
10 14 19 00-0120	EA	30" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	1,616.47	35.68
		For Installation With Adhesive, Deduct	*-95.10*	
		For Clear Anodized, Add	*147.38*	
		For Satin Face And Enameled Return, Add	*515.81*	
		For Color Anodized, Add	*736.88*	
		For Polished Or Patina Finish, Add	*736.88*	
		For Polished Anodized Finish, Add	*1,105.31*	

10 14 19 00-0121 Satin Finish, Brass Characters *(10 14 19 00-0049)*

10 14 19 00-0122 1/4" Deep, Satin Finish, Brass Characters *(10 14 19 00-0121)*

10 14 19 00-0123	EA	2" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	66.18	7.44
		For Installation With Adhesive, Deduct	*-6.28*	
		For Oxidized Finish, Add	*5.47*	
		For Polished Finish, Add	*10.94*	
10 14 19 00-0124	EA	4" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	85.22	8.62
		For Installation With Adhesive, Deduct	*-7.71*	
		For Oxidized Finish, Add	*7.61*	
		For Polished Finish, Add	*15.22*	
10 14 19 00-0125	EA	6" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	117.13	10.40
		For Installation With Adhesive, Deduct	*-10.02*	
		For Oxidized Finish, Add	*11.33*	
		For Polished Finish, Add	*22.65*	
10 14 19 00-0126	EA	8" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	153.03	11.89
		For Installation With Adhesive, Deduct	*-12.41*	
		For Oxidized Finish, Add	*15.82*	
		For Polished Finish, Add	*31.64*	
10 14 19 00-0127	EA	10" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	195.42	13.38
		For Installation With Adhesive, Deduct	*-15.12*	
		For Oxidized Finish, Add	*21.29*	
		For Polished Finish, Add	*42.57*	
10 14 19 00-0128	EA	12" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	246.73	15.46
		For Installation With Adhesive, Deduct	*-18.52*	
		For Oxidized Finish, Add	*27.73*	
		For Polished Finish, Add	*55.46*	
10 14 19 00-0129	EA	14" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	308.31	17.84
		For Installation With Adhesive, Deduct	*-22.55*	
		For Oxidized Finish, Add	*35.54*	
		For Polished Finish, Add	*71.09*	
10 14 19 00-0130	EA	16" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	375.96	21.41
		For Installation With Adhesive, Deduct	*-27.36*	
		For Oxidized Finish, Add	*43.55*	
		For Polished Finish, Add	*87.10*	
10 14 19 00-0131	EA	18" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	455.97	23.78
		For Installation With Adhesive, Deduct	*-32.31*	
		For Oxidized Finish, Add	*54.12*	
		For Polished Finish, Add	*108.25*	
10 14 19 00-0132	EA	20" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	541.89	26.76
		For Installation With Adhesive, Deduct	*-37.80*	
		For Oxidized Finish, Add	*65.23*	
		For Polished Finish, Add	*130.46*	
10 14 19 00-0133	EA	22" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	665.01	28.24
		For Installation With Adhesive, Deduct	*-44.55*	
		For Oxidized Finish, Add	*82.80*	
		For Polished Finish, Add	*165.61*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0134	EA	24" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	728.98	29.73
		For Installation With Adhesive, Deduct	*-48.34*	
		For Oxidized Finish, Add	*91.51*	
		For Polished Finish, Add	*183.02*	
10 14 19 00-0135	EA	30" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	1,093.94	35.68
		For Installation With Adhesive, Deduct	*-68.97*	
		For Oxidized Finish, Add	*142.68*	
		For Polished Finish, Add	*285.37*	
10 14 19 00-0136		**3/8" Deep, Satin Finish, Brass Characters** *(10 14 19 00-0121)*		
10 14 19 00-0137	EA	2" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	78.94	7.44
		For Installation With Adhesive, Deduct	*-6.92*	
		For Oxidized Finish, Add	*7.38*	
		For Polished Finish, Add	*14.76*	
10 14 19 00-0138	EA	4" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	102.97	8.62
		For Installation With Adhesive, Deduct	*-8.60*	
		For Oxidized Finish, Add	*10.27*	
		For Polished Finish, Add	*20.54*	
10 14 19 00-0139	EA	6" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	147.34	10.40
		For Installation With Adhesive, Deduct	*-11.53*	
		For Oxidized Finish, Add	*15.86*	
		For Polished Finish, Add	*31.72*	
10 14 19 00-0140	EA	8" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	195.21	11.89
		For Installation With Adhesive, Deduct	*-14.52*	
		For Oxidized Finish, Add	*22.15*	
		For Polished Finish, Add	*44.29*	
10 14 19 00-0141	EA	10" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	259.28	13.38
		For Installation With Adhesive, Deduct	*-18.32*	
		For Oxidized Finish, Add	*30.87*	
		For Polished Finish, Add	*61.73*	
10 14 19 00-0142	EA	12" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	329.92	15.46
		For Installation With Adhesive, Deduct	*-22.68*	
		For Oxidized Finish, Add	*40.21*	
		For Polished Finish, Add	*80.42*	
10 14 19 00-0143	EA	14" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	414.93	17.84
		For Installation With Adhesive, Deduct	*-27.88*	
		For Oxidized Finish, Add	*51.54*	
		For Polished Finish, Add	*103.07*	
10 14 19 00-0144	EA	16" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	492.10	21.41
		For Installation With Adhesive, Deduct	*-33.17*	
		For Oxidized Finish, Add	*60.97*	
		For Polished Finish, Add	*121.94*	
10 14 19 00-0145	EA	18" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	618.34	23.78
		For Installation With Adhesive, Deduct	*-40.43*	
		For Oxidized Finish, Add	*78.48*	
		For Polished Finish, Add	*156.96*	
10 14 19 00-0146	EA	20" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	715.83	26.76
		For Installation With Adhesive, Deduct	*-46.50*	
		For Oxidized Finish, Add	*91.32*	
		For Polished Finish, Add	*182.64*	
10 14 19 00-0147	EA	22" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	880.30	28.24
		For Installation With Adhesive, Deduct	*-55.31*	
		For Oxidized Finish, Add	*115.10*	
		For Polished Finish, Add	*230.19*	
10 14 19 00-0148	EA	24" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	1,003.51	29.73
		For Installation With Adhesive, Deduct	*-62.07*	
		For Oxidized Finish, Add	*132.69*	
		For Polished Finish, Add	*265.37*	
10 14 19 00-0149	EA	30" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	1,388.82	35.68
		For Installation With Adhesive, Deduct	*-83.71*	
		For Oxidized Finish, Add	*186.92*	
		For Polished Finish, Add	*373.83*	
10 14 19 00-0150		**1/2" Deep, Satin Finish, Brass Characters** *(10 14 19 00-0121)*		
10 14 19 00-0151	EA	2" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	98.99	7.44
		For Installation With Adhesive, Deduct	*-7.92*	
		For Oxidized Finish, Add	*10.39*	
		For Polished Finish, Add	*20.78*	
10 14 19 00-0152	EA	4" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	128.33	8.62
		For Installation With Adhesive, Deduct	*-9.87*	
		For Oxidized Finish, Add	*14.08*	
		For Polished Finish, Add	*28.15*	
10 14 19 00-0153	EA	6" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	185.09	10.40
		For Installation With Adhesive, Deduct	*-13.42*	
		For Oxidized Finish, Add	*21.52*	
		For Polished Finish, Add	*43.04*	
10 14 19 00-0154	EA	8" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	253.21	11.89
		For Installation With Adhesive, Deduct	*-17.42*	
		For Oxidized Finish, Add	*30.85*	
		For Polished Finish, Add	*61.69*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0155	EA	10" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	351.52	13.38
		For Installation With Adhesive, Deduct	*-22.93*	
		For Oxidized Finish, Add	*44.70*	
		For Polished Finish, Add	*89.40*	
10 14 19 00-0156	EA	12" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	468.58	15.46
		For Installation With Adhesive, Deduct	*-29.61*	
		For Oxidized Finish, Add	*61.01*	
		For Polished Finish, Add	*122.02*	
10 14 19 00-0157	EA	14" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	580.80	17.84
		For Installation With Adhesive, Deduct	*-36.18*	
		For Oxidized Finish, Add	*76.42*	
		For Polished Finish, Add	*152.84*	
10 14 19 00-0158	EA	16" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	692.43	21.41
		For Installation With Adhesive, Deduct	*-43.18*	
		For Oxidized Finish, Add	*91.02*	
		For Polished Finish, Add	*182.04*	
10 14 19 00-0159	EA	18" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	943.09	23.78
		For Installation With Adhesive, Deduct	*-56.67*	
		For Oxidized Finish, Add	*127.19*	
		For Polished Finish, Add	*254.38*	
10 14 19 00-0160	EA	20" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	1,063.71	26.76
		For Installation With Adhesive, Deduct	*-63.89*	
		For Oxidized Finish, Add	*143.50*	
		For Polished Finish, Add	*287.00*	
10 14 19 00-0161	EA	22" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	1,327.44	28.24
		For Installation With Adhesive, Deduct	*-77.67*	
		For Oxidized Finish, Add	*182.17*	
		For Polished Finish, Add	*364.34*	
10 14 19 00-0162	EA	24" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	1,552.55	29.73
		For Installation With Adhesive, Deduct	*-89.52*	
		For Oxidized Finish, Add	*215.04*	
		For Polished Finish, Add	*430.09*	
10 14 19 00-0163	EA	30" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	2,340.05	35.68
		For Installation With Adhesive, Deduct	*-131.27*	
		For Oxidized Finish, Add	*329.60*	
		For Polished Finish, Add	*659.20*	

10 14 19 00-0164 3/4" Deep, Satin Finish, Brass Characters *(10 14 19 00-0121)*

10 14 19 00-0165	EA	2" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	120.87	7.44
		For Installation With Adhesive, Deduct	*-9.02*	
		For Oxidized Finish, Add	*13.67*	
		For Polished Finish, Add	*27.34*	
10 14 19 00-0166	EA	4" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	168.91	8.62
		For Installation With Adhesive, Deduct	*-11.89*	
		For Oxidized Finish, Add	*20.16*	
		For Polished Finish, Add	*40.33*	
10 14 19 00-0167	EA	6" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	230.40	10.40
		For Installation With Adhesive, Deduct	*-15.68*	
		For Oxidized Finish, Add	*28.32*	
		For Polished Finish, Add	*56.63*	
10 14 19 00-0168	EA	8" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	311.21	11.89
		For Installation With Adhesive, Deduct	*-20.32*	
		For Oxidized Finish, Add	*39.55*	
		For Polished Finish, Add	*79.09*	
10 14 19 00-0169	EA	10" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	422.48	13.38
		For Installation With Adhesive, Deduct	*-26.48*	
		For Oxidized Finish, Add	*55.35*	
		For Polished Finish, Add	*110.69*	
10 14 19 00-0170	EA	12" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	579.50	15.46
		For Installation With Adhesive, Deduct	*-35.16*	
		For Oxidized Finish, Add	*77.65*	
		For Polished Finish, Add	*155.30*	
10 14 19 00-0171	EA	14" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	722.97	17.84
		For Installation With Adhesive, Deduct	*-43.28*	
		For Oxidized Finish, Add	*97.74*	
		For Polished Finish, Add	*195.49*	
10 14 19 00-0172	EA	16" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	843.40	21.41
		For Installation With Adhesive, Deduct	*-50.73*	
		For Oxidized Finish, Add	*113.67*	
		For Polished Finish, Add	*227.33*	
10 14 19 00-0173	EA	18" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	1,123.50	23.78
		For Installation With Adhesive, Deduct	*-65.69*	
		For Oxidized Finish, Add	*154.25*	
		For Polished Finish, Add	*308.51*	
10 14 19 00-0174	EA	20" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	1,228.95	26.76
		For Installation With Adhesive, Deduct	*-72.15*	
		For Oxidized Finish, Add	*168.29*	
		For Polished Finish, Add	*336.57*	
10 14 19 00-0175	EA	22" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	1,559.29	28.24
		For Installation With Adhesive, Deduct	*-89.26*	
		For Oxidized Finish, Add	*216.95*	
		For Polished Finish, Add	*433.89*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0176	EA	24" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	1,979.59	29.73
		For Installation With Adhesive, Deduct	*-110.87*	
		For Oxidized Finish, Add	*279.10*	
		For Polished Finish, Add	*558.20*	
10 14 19 00-0177	EA	30" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	2,986.88	35.68
		For Installation With Adhesive, Deduct	*-163.62*	
		For Oxidized Finish, Add	*426.62*	
		For Polished Finish, Add	*853.25*	

10 14 19 00-0178 Satin Finish, Bronze Characters *(10 14 19 00-0049)*

10 14 19 00-0179 1/4" Deep, Satin Finish, Bronze Characters *(10 14 19 00-0178)*

10 14 19 00-0180	EA	2" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	70.23	7.44
		For Installation With Adhesive, Deduct	*-6.48*	
		For Oxidized Finish, Add	*6.08*	
		For Polished Or Patina Finish, Add	*12.15*	
10 14 19 00-0181	EA	4" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	90.90	8.62
		For Installation With Adhesive, Deduct	*-7.99*	
		For Oxidized Finish, Add	*8.46*	
		For Polished Or Patina Finish, Add	*16.92*	
10 14 19 00-0182	EA	6" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	125.51	10.40
		For Installation With Adhesive, Deduct	*-10.44*	
		For Oxidized Finish, Add	*12.58*	
		For Polished Or Patina Finish, Add	*25.17*	
10 14 19 00-0183	EA	8" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	164.73	11.89
		For Installation With Adhesive, Deduct	*-12.99*	
		For Oxidized Finish, Add	*17.57*	
		For Polished Or Patina Finish, Add	*35.15*	
10 14 19 00-0184	EA	10" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	211.16	13.38
		For Installation With Adhesive, Deduct	*-15.91*	
		For Oxidized Finish, Add	*23.65*	
		For Polished Or Patina Finish, Add	*47.30*	
10 14 19 00-0185	EA	12" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	267.23	15.46
		For Installation With Adhesive, Deduct	*-19.55*	
		For Oxidized Finish, Add	*30.81*	
		For Polished Or Patina Finish, Add	*61.61*	
10 14 19 00-0186	EA	14" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	334.59	17.84
		For Installation With Adhesive, Deduct	*-23.86*	
		For Oxidized Finish, Add	*39.49*	
		For Polished Or Patina Finish, Add	*78.97*	
10 14 19 00-0187	EA	16" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	415.40	21.41
		For Installation With Adhesive, Deduct	*-29.33*	
		For Oxidized Finish, Add	*49.47*	
		For Polished Or Patina Finish, Add	*98.93*	
10 14 19 00-0188	EA	18" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	497.24	23.78
		For Installation With Adhesive, Deduct	*-34.38*	
		For Oxidized Finish, Add	*60.31*	
		For Polished Or Patina Finish, Add	*120.63*	
10 14 19 00-0189	EA	20" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	590.13	26.76
		For Installation With Adhesive, Deduct	*-40.21*	
		For Oxidized Finish, Add	*72.46*	
		For Polished Or Patina Finish, Add	*144.93*	
10 14 19 00-0190	EA	22" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	688.65	28.24
		For Installation With Adhesive, Deduct	*-45.73*	
		For Oxidized Finish, Add	*86.35*	
		For Polished Or Patina Finish, Add	*172.70*	
10 14 19 00-0191	EA	24" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	797.28	29.73
		For Installation With Adhesive, Deduct	*-51.76*	
		For Oxidized Finish, Add	*101.75*	
		For Polished Or Patina Finish, Add	*203.51*	
10 14 19 00-0192	EA	30" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	1,210.14	35.68
		For Installation With Adhesive, Deduct	*-74.78*	
		For Oxidized Finish, Add	*160.11*	
		For Polished Or Patina Finish, Add	*320.23*	

10 14 19 00-0193 3/8" Deep, Satin Finish, Bronze Characters *(10 14 19 00-0178)*

10 14 19 00-0194	EA	2" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	83.19	7.44
		For Installation With Adhesive, Deduct	*-7.13*	
		For Oxidized Finish, Add	*8.02*	
		For Polished Or Patina Finish, Add	*16.04*	
10 14 19 00-0195	EA	4" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	108.39	8.62
		For Installation With Adhesive, Deduct	*-8.87*	
		For Oxidized Finish, Add	*11.09*	
		For Polished Or Patina Finish, Add	*22.17*	
10 14 19 00-0196	EA	6" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	157.39	10.40
		For Installation With Adhesive, Deduct	*-12.03*	
		For Oxidized Finish, Add	*17.37*	
		For Polished Or Patina Finish, Add	*34.73*	
10 14 19 00-0197	EA	8" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	208.07	11.89
		For Installation With Adhesive, Deduct	*-15.16*	
		For Oxidized Finish, Add	*24.08*	
		For Polished Or Patina Finish, Add	*48.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0198	EA	10" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	282.11	13.38
		For Installation With Adhesive, Deduct	*-19.46*	
		For Oxidized Finish, Add	*34.29*	
		For Polished Or Patina Finish, Add	*68.58*	
10 14 19 00-0199	EA	12" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	357.60	15.46
		For Installation With Adhesive, Deduct	*-24.07*	
		For Oxidized Finish, Add	*44.36*	
		For Polished Or Patina Finish, Add	*88.73*	
10 14 19 00-0200	EA	14" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	447.78	17.84
		For Installation With Adhesive, Deduct	*-29.52*	
		For Oxidized Finish, Add	*56.46*	
		For Polished Or Patina Finish, Add	*112.93*	
10 14 19 00-0201	EA	16" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	553.91	21.41
		For Installation With Adhesive, Deduct	*-36.26*	
		For Oxidized Finish, Add	*70.24*	
		For Polished Or Patina Finish, Add	*140.48*	
10 14 19 00-0202	EA	18" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	670.14	23.78
		For Installation With Adhesive, Deduct	*-43.02*	
		For Oxidized Finish, Add	*86.25*	
		For Polished Or Patina Finish, Add	*172.50*	
10 14 19 00-0203	EA	20" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	797.86	26.76
		For Installation With Adhesive, Deduct	*-50.60*	
		For Oxidized Finish, Add	*103.62*	
		For Polished Or Patina Finish, Add	*207.25*	
10 14 19 00-0204	EA	22" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	936.18	28.24
		For Installation With Adhesive, Deduct	*-58.11*	
		For Oxidized Finish, Add	*123.48*	
		For Polished Or Patina Finish, Add	*246.96*	
10 14 19 00-0205	EA	24" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	1,061.83	29.73
		For Installation With Adhesive, Deduct	*-64.98*	
		For Oxidized Finish, Add	*141.44*	
		For Polished Or Patina Finish, Add	*282.87*	
10 14 19 00-0206	EA	30" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	1,455.65	35.68
		For Installation With Adhesive, Deduct	*-87.05*	
		For Oxidized Finish, Add	*196.94*	
		For Polished Or Patina Finish, Add	*393.88*	

10 14 19 00-0207 1/2" Deep, Satin Finish, Bronze Characters *(10 14 19 00-0178)*

10 14 19 00-0208	EA	2" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	86.02	7.44
		For Installation With Adhesive, Deduct	*-7.27*	
		For Oxidized Finish, Add	*8.44*	
		For Polished Or Patina Finish, Add	*16.89*	
10 14 19 00-0209	EA	4" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	128.69	8.62
		For Installation With Adhesive, Deduct	*-9.88*	
		For Oxidized Finish, Add	*14.13*	
		For Polished Or Patina Finish, Add	*28.26*	
10 14 19 00-0210	EA	6" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	183.39	10.40
		For Installation With Adhesive, Deduct	*-13.33*	
		For Oxidized Finish, Add	*21.27*	
		For Polished Or Patina Finish, Add	*42.53*	
10 14 19 00-0211	EA	8" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	252.59	11.89
		For Installation With Adhesive, Deduct	*-17.39*	
		For Oxidized Finish, Add	*30.75*	
		For Polished Or Patina Finish, Add	*61.51*	
10 14 19 00-0212	EA	10" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	345.17	13.38
		For Installation With Adhesive, Deduct	*-22.61*	
		For Oxidized Finish, Add	*43.75*	
		For Polished Or Patina Finish, Add	*87.50*	
10 14 19 00-0213	EA	12" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	470.57	15.46
		For Installation With Adhesive, Deduct	*-29.71*	
		For Oxidized Finish, Add	*61.31*	
		For Polished Or Patina Finish, Add	*122.62*	
10 14 19 00-0214	EA	14" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	610.99	17.84
		For Installation With Adhesive, Deduct	*-37.68*	
		For Oxidized Finish, Add	*80.95*	
		For Polished Or Patina Finish, Add	*161.89*	
10 14 19 00-0215	EA	16" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	764.96	21.41
		For Installation With Adhesive, Deduct	*-46.81*	
		For Oxidized Finish, Add	*101.90*	
		For Polished Or Patina Finish, Add	*203.80*	
10 14 19 00-0216	EA	18" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	939.54	23.78
		For Installation With Adhesive, Deduct	*-56.49*	
		For Oxidized Finish, Add	*126.66*	
		For Polished Or Patina Finish, Add	*253.32*	
10 14 19 00-0217	EA	20" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	1,126.35	26.76
		For Installation With Adhesive, Deduct	*-67.02*	
		For Oxidized Finish, Add	*152.90*	
		For Polished Or Patina Finish, Add	*305.79*	
10 14 19 00-0218	EA	22" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	1,333.38	28.24
		For Installation With Adhesive, Deduct	*-77.97*	
		For Oxidized Finish, Add	*183.06*	
		For Polished Or Patina Finish, Add	*366.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0219	EA	24" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	1,550.24	29.73
		For Installation With Adhesive, Deduct	*-89.41*	
		For Oxidized Finish, Add	*214.70*	
		For Polished Or Patina Finish, Add	*429.39*	
10 14 19 00-0220	EA	30" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	2,170.82	35.68
		For Installation With Adhesive, Deduct	*-122.81*	
		For Oxidized Finish, Add	*304.22*	
		For Polished Or Patina Finish, Add	*608.43*	

10 14 19 00-0221 Satin Finish, Copper Characters *(10 14 19 00-0049)*

10 14 19 00-0222 1/4" Deep, Satin Finish, Copper Characters *(10 14 19 00-0221)*

10 14 19 00-0223	EA	2" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	66.18	7.44
		For Installation With Adhesive, Deduct	*-6.28*	
		For Polished Finish, Add	*10.94*	
10 14 19 00-0224	EA	4" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	86.57	8.62
		For Installation With Adhesive, Deduct	*-7.78*	
		For Polished Finish, Add	*15.62*	
10 14 19 00-0225	EA	6" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	122.34	10.40
		For Installation With Adhesive, Deduct	*-10.28*	
		For Polished Finish, Add	*24.22*	
10 14 19 00-0226	EA	8" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	162.14	11.89
		For Installation With Adhesive, Deduct	*-12.86*	
		For Polished Finish, Add	*34.37*	
10 14 19 00-0227	EA	10" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	205.84	13.38
		For Installation With Adhesive, Deduct	*-15.64*	
		For Polished Finish, Add	*45.70*	
10 14 19 00-0228	EA	12" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	262.35	15.46
		For Installation With Adhesive, Deduct	*-19.30*	
		For Polished Finish, Add	*60.15*	
10 14 19 00-0229	EA	14" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	329.14	17.84
		For Installation With Adhesive, Deduct	*-23.59*	
		For Polished Finish, Add	*77.33*	
10 14 19 00-0230	EA	16" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	405.91	21.41
		For Installation With Adhesive, Deduct	*-28.86*	
		For Polished Finish, Add	*96.08*	
10 14 19 00-0231	EA	18" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	487.03	23.78
		For Installation With Adhesive, Deduct	*-33.87*	
		For Polished Finish, Add	*117.56*	
10 14 19 00-0232	EA	20" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	577.04	26.76
		For Installation With Adhesive, Deduct	*-39.56*	
		For Polished Finish, Add	*141.00*	
10 14 19 00-0233	EA	22" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	674.14	28.24
		For Installation With Adhesive, Deduct	*-45.01*	
		For Polished Finish, Add	*168.35*	
10 14 19 00-0234	EA	24" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	779.01	29.73
		For Installation With Adhesive, Deduct	*-50.84*	
		For Polished Finish, Add	*198.02*	
10 14 19 00-0235	EA	30" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	1,119.80	35.68
		For Installation With Adhesive, Deduct	*-70.26*	
		For Polished Finish, Add	*293.12*	

10 14 19 00-0236 3/8" Deep, Satin Finish, Copper Characters *(10 14 19 00-0221)*

10 14 19 00-0237	EA	2" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	75.30	7.44
		For Installation With Adhesive, Deduct	*-6.74*	
		For Polished Finish, Add	*13.67*	
10 14 19 00-0238	EA	4" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	102.19	8.62
		For Installation With Adhesive, Deduct	*-8.56*	
		For Polished Finish, Add	*20.31*	
10 14 19 00-0239	EA	6" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	150.59	10.40
		For Installation With Adhesive, Deduct	*-11.69*	
		For Polished Finish, Add	*32.69*	
10 14 19 00-0240	EA	8" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	207.97	11.89
		For Installation With Adhesive, Deduct	*-15.16*	
		For Polished Finish, Add	*48.12*	
10 14 19 00-0241	EA	10" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	282.00	13.38
		For Installation With Adhesive, Deduct	*-19.45*	
		For Polished Finish, Add	*68.55*	
10 14 19 00-0242	EA	12" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	352.57	15.46
		For Installation With Adhesive, Deduct	*-23.81*	
		For Polished Finish, Add	*87.22*	
10 14 19 00-0243	EA	14" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	445.14	17.84
		For Installation With Adhesive, Deduct	*-29.39*	
		For Polished Finish, Add	*112.14*	
10 14 19 00-0244	EA	16" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	550.03	21.41
		For Installation With Adhesive, Deduct	*-36.06*	
		For Polished Finish, Add	*139.32*	
10 14 19 00-0245	EA	18" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	663.38	23.78
		For Installation With Adhesive, Deduct	*-42.68*	
		For Polished Finish, Add	*170.47*	
10 14 19 00-0246	EA	20" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	788.54	26.76
		For Installation With Adhesive, Deduct	*-50.13*	
		For Polished Finish, Add	*204.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0247	EA	22" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	926.66	28.24
		For Installation With Adhesive, Deduct	*-57.63*	
		For Polished Finish, Add	*244.10*	
10 14 19 00-0248	EA	24" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	1,043.05	29.73
		For Installation With Adhesive, Deduct	*-64.05*	
		For Polished Finish, Add	*277.24*	
10 14 19 00-0249	EA	30" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	1,461.77	35.68
		For Installation With Adhesive, Deduct	*-87.36*	
		For Polished Finish, Add	*395.72*	

10 14 19 00-0250 Satin Finish, Stainless Steel Characters *(10 14 19 00-0049)*

10 14 19 00-0251 1/4" Deep, Satin Finish, Stainless Steel Characters *(10 14 19 00-0250)*

10 14 19 00-0252	EA	2" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	63.29	7.44
		For Installation With Adhesive, Deduct	*-6.14*	
		For Polished Finish, Add	*10.07*	
10 14 19 00-0253	EA	4" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	83.15	8.62
		For Installation With Adhesive, Deduct	*-7.61*	
		For Polished Finish, Add	*14.60*	
10 14 19 00-0254	EA	6" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	107.05	10.40
		For Installation With Adhesive, Deduct	*-9.51*	
		For Polished Finish, Add	*19.63*	
10 14 19 00-0255	EA	8" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	138.17	11.89
		For Installation With Adhesive, Deduct	*-11.67*	
		For Polished Finish, Add	*27.18*	
10 14 19 00-0256	EA	10" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	169.28	13.38
		For Installation With Adhesive, Deduct	*-13.82*	
		For Polished Finish, Add	*34.73*	
10 14 19 00-0257	EA	12" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	207.82	15.46
		For Installation With Adhesive, Deduct	*-16.58*	
		For Polished Finish, Add	*43.79*	
10 14 19 00-0258	EA	14" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	249.21	17.84
		For Installation With Adhesive, Deduct	*-19.60*	
		For Polished Finish, Add	*53.36*	
10 14 19 00-0259	EA	16" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	298.71	21.41
		For Installation With Adhesive, Deduct	*-23.50*	
		For Polished Finish, Add	*63.92*	
10 14 19 00-0260	EA	18" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	348.50	23.78
		For Installation With Adhesive, Deduct	*-26.94*	
		For Polished Finish, Add	*76.01*	
10 14 19 00-0261	EA	20" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	407.37	26.76
		For Installation With Adhesive, Deduct	*-31.07*	
		For Polished Finish, Add	*90.10*	
10 14 19 00-0262	EA	22" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	473.72	28.24
		For Installation With Adhesive, Deduct	*-34.99*	
		For Polished Finish, Add	*108.22*	
10 14 19 00-0263	EA	24" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	541.74	29.73
		For Installation With Adhesive, Deduct	*-38.98*	
		For Polished Finish, Add	*126.84*	
10 14 19 00-0264	EA	30" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	743.37	35.68
		For Installation With Adhesive, Deduct	*-51.44*	
		For Polished Finish, Add	*180.20*	

10 14 19 00-0265 3/8" Deep, Satin Finish, Stainless Steel Characters *(10 14 19 00-0250)*

10 14 19 00-0266	EA	2" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	75.03	7.44
		For Installation With Adhesive, Deduct	*-6.72*	
		For Polished Finish, Add	*13.59*	
10 14 19 00-0267	EA	4" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	100.18	8.62
		For Installation With Adhesive, Deduct	*-8.46*	
		For Polished Finish, Add	*19.71*	
10 14 19 00-0268	EA	6" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	128.65	10.40
		For Installation With Adhesive, Deduct	*-10.59*	
		For Polished Finish, Add	*26.11*	
10 14 19 00-0269	EA	8" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	164.45	11.89
		For Installation With Adhesive, Deduct	*-12.98*	
		For Polished Finish, Add	*35.06*	
10 14 19 00-0270	EA	10" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	202.85	13.38
		For Installation With Adhesive, Deduct	*-15.49*	
		For Polished Finish, Add	*44.80*	
10 14 19 00-0271	EA	12" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	250.15	15.46
		For Installation With Adhesive, Deduct	*-18.69*	
		For Polished Finish, Add	*56.49*	
10 14 19 00-0272	EA	14" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	300.77	17.84
		For Installation With Adhesive, Deduct	*-22.17*	
		For Polished Finish, Add	*68.83*	
10 14 19 00-0273	EA	16" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	360.50	21.41
		For Installation With Adhesive, Deduct	*-26.59*	
		For Polished Finish, Add	*82.46*	
10 14 19 00-0274	EA	18" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	419.44	23.78
		For Installation With Adhesive, Deduct	*-30.49*	
		For Polished Finish, Add	*97.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0275	EA	20" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	491.46	26.76
		For Installation With Adhesive, Deduct	*-35.28*	
		For Polished Finish, Add	*115.33*	
10 14 19 00-0276	EA	22" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	553.08	28.24
		For Installation With Adhesive, Deduct	*-38.95*	
		For Polished Finish, Add	*132.03*	
10 14 19 00-0277	EA	24" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	634.75	29.73
		For Installation With Adhesive, Deduct	*-43.63*	
		For Polished Finish, Add	*154.75*	
10 14 19 00-0278	EA	30" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	875.52	35.68
		For Installation With Adhesive, Deduct	*-58.05*	
		For Polished Finish, Add	*219.84*	

10 14 19 00-0279 1/2" Deep, Satin Finish, Stainless Steel Characters *(10 14 19 00-0250)*

10 14 19 00-0280	EA	2" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	90.13	7.44
		For Installation With Adhesive, Deduct	*-7.48*	
		For Polished Finish, Add	*18.12*	
10 14 19 00-0281	EA	4" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	122.07	8.62
		For Installation With Adhesive, Deduct	*-9.55*	
		For Polished Finish, Add	*26.27*	
10 14 19 00-0282	EA	6" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	157.44	10.40
		For Installation With Adhesive, Deduct	*-12.03*	
		For Polished Finish, Add	*34.75*	
10 14 19 00-0283	EA	8" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	207.03	11.89
		For Installation With Adhesive, Deduct	*-15.11*	
		For Polished Finish, Add	*47.84*	
10 14 19 00-0284	EA	10" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	257.26	13.38
		For Installation With Adhesive, Deduct	*-18.21*	
		For Polished Finish, Add	*61.13*	
10 14 19 00-0285	EA	12" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	318.75	15.46
		For Installation With Adhesive, Deduct	*-22.12*	
		For Polished Finish, Add	*77.07*	
10 14 19 00-0286	EA	14" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	384.36	17.84
		For Installation With Adhesive, Deduct	*-26.35*	
		For Polished Finish, Add	*93.90*	
10 14 19 00-0287	EA	16" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	460.65	21.41
		For Installation With Adhesive, Deduct	*-31.60*	
		For Polished Finish, Add	*112.51*	
10 14 19 00-0288	EA	18" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	548.64	23.78
		For Installation With Adhesive, Deduct	*-36.95*	
		For Polished Finish, Add	*136.05*	
10 14 19 00-0289	EA	20" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	644.62	26.76
		For Installation With Adhesive, Deduct	*-42.94*	
		For Polished Finish, Add	*161.27*	
10 14 19 00-0290	EA	22" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	722.62	28.24
		For Installation With Adhesive, Deduct	*-47.43*	
		For Polished Finish, Add	*182.89*	
10 14 19 00-0291	EA	24" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	833.47	29.73
		For Installation With Adhesive, Deduct	*-53.57*	
		For Polished Finish, Add	*214.36*	
10 14 19 00-0292	EA	30" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	1,157.82	35.68
		For Installation With Adhesive, Deduct	*-72.16*	
		For Polished Finish, Add	*304.53*	

10 14 23 Panel Signage *(10 14)*

10 14 23 11 Panel Signage *(10 14 23)*

10 14 23 11-0001 Indoor/Outdoor Signs *(10 14 23 11)*

Note: Office number signs, conference room signs, restroom signs, stairway signs, fire extinguisher marker, ANSI/OSHA safety signs, entry/exit signs, etc.

10 14 23 11-0002 Surface Mount, Indoor/Outdoor Signs *(10 14 23 11-0001)*

10 14 23 11-0003 Adhesive Backed Vinyl, Surface Mount, Indoor/Outdoor Signs *(10 14 23 11-0002)*

Note: Multi-color with words, symbols and graphics.

10 14 23 11-0004	EA	Up To 25 SI, Adhesive Backed Vinyl, Surface Mount, Indoor/Outdoor Sign	31.45	13.22
		For >25 To 50, Deduct	*-0.50*	
		For >50 To 100, Deduct	*-1.25*	
		For >100, Deduct	*-1.50*	
		For Clear Glass Mount, Add	*4.01*	
		For Glow-In-Dark, Add	*10.02*	
		For Reflective Finish, Add	*11.27*	
10 14 23 11-0005	EA	>25 To 50 SI, Adhesive Backed Vinyl, Surface Mount, Indoor/Outdoor Sign	35.03	13.22
		For >25 To 50, Deduct	*-0.86*	
		For >50 To 100, Deduct	*-2.15*	
		For >100, Deduct	*-2.58*	
		For Clear Glass Mount, Add	*6.87*	
		For Glow-In-Dark, Add	*17.18*	
		For Reflective Finish, Add	*19.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 23 11-0006	EA	>50 To 100 SI, Adhesive Backed Vinyl, Surface Mount, Indoor/Outdoor Sign	40.75	13.22
		For >25 To 50, Deduct	*-1.43*	
		For >50 To 100, Deduct	*-3.58*	
		For >100, Deduct	*-4.29*	
		For Clear Glass Mount, Add	*11.45*	
		For Glow-In-Dark, Add	*28.62*	
		For Reflective Finish, Add	*32.20*	
10 14 23 11-0007	EA	>100 To 250 SI, Adhesive Backed Vinyl, Surface Mount, Indoor/Outdoor Sign	47.90	13.22
		For >25 To 50, Deduct	*-2.15*	
		For >50 To 100, Deduct	*-5.37*	
		For >100, Deduct	*-6.44*	
		For Clear Glass Mount, Add	*17.17*	
		For Glow-In-Dark, Add	*42.92*	
		For Reflective Finish, Add	*48.29*	
10 14 23 11-0008	EA	>250 To 500 SI, Adhesive Backed Vinyl, Surface Mount, Indoor/Outdoor Sign	60.78	13.22
		For >25 To 50, Deduct	*-3.43*	
		For >50 To 100, Deduct	*-8.59*	
		For >100, Deduct	*-10.30*	
		For Clear Glass Mount, Add	*27.47*	
		For Glow-In-Dark, Add	*68.68*	
		For Reflective Finish, Add	*77.27*	
10 14 23 11-0009	EA	>500 To 750 SI, Adhesive Backed Vinyl, Surface Mount, Indoor/Outdoor Sign	83.68	13.22
		For >25 To 50, Deduct	*-5.72*	
		For >50 To 100, Deduct	*-14.31*	
		For >100, Deduct	*-17.17*	
		For Clear Glass Mount, Add	*45.79*	
		For Glow-In-Dark, Add	*114.48*	
		For Reflective Finish, Add	*128.79*	
10 14 23 11-0010	EA	>750 To 1,000 SI, Adhesive Backed Vinyl, Surface Mount, Indoor/Outdoor Sign	112.30	13.22
		For >25 To 50, Deduct	*-8.59*	
		For >50 To 100, Deduct	*-21.47*	
		For >100, Deduct	*-25.76*	
		For Clear Glass Mount, Add	*68.69*	
		For Glow-In-Dark, Add	*171.72*	
		For Reflective Finish, Add	*193.19*	
10 14 23 11-0011	SI	>1,000 SI, Adhesive Backed Vinyl, Surface Mount, Indoor/Outdoor Sign	0.13	0.01
		For Clear Glass Mount, Add	*0.08*	
		For Glow-In-Dark, Add	*0.20*	
		For Reflective Finish, Add	*0.23*	

10 14 23 11-0012 Semi-Rigid Polyvinyl Chloride (PVC), Surface Mount, Indoor/Outdoor Signs

(10 14 23 11-0002)

Note: Multi-color with words, symbols and graphics. Includes adhesive or fasteners for mounting.

10 14 23 11-0013	EA	Up To 25 SI, Semi-Rigid Polyvinyl Chloride (PVC), Surface Mount, Indoor/Outdoor Sign	32.88	13.22
		For >25 To 50, Deduct	*-0.64*	
		For >50 To 100, Deduct	*-1.61*	
		For >100, Deduct	*-1.93*	
		For Glow-In-Dark, Add	*12.88*	
		For Reflective Finish, Add	*13.85*	
10 14 23 11-0014	EA	>25 To 50 SI, Semi-Rigid Polyvinyl Chloride (PVC), Surface Mount, Indoor/Outdoor Sign	36.46	13.22
		For >25 To 50, Deduct	*-1.00*	
		For >50 To 100, Deduct	*-2.51*	
		For >100, Deduct	*-3.01*	
		For Glow-In-Dark, Add	*20.04*	
		For Reflective Finish, Add	*21.54*	
10 14 23 11-0015	EA	>50 To 100 SI, Semi-Rigid Polyvinyl Chloride (PVC), Surface Mount, Indoor/Outdoor Sign	43.61	13.22
		For >25 To 50, Deduct	*-1.72*	
		For >50 To 100, Deduct	*-4.29*	
		For >100, Deduct	*-5.15*	
		For Glow-In-Dark, Add	*34.34*	
		For Reflective Finish, Add	*36.92*	
10 14 23 11-0016	EA	>100 To 250 SI, Semi-Rigid Polyvinyl Chloride (PVC), Surface Mount, Indoor/Outdoor Sign	50.77	13.22
		For >25 To 50, Deduct	*-2.43*	
		For >50 To 100, Deduct	*-6.08*	
		For >100, Deduct	*-7.30*	
		For Glow-In-Dark, Add	*48.66*	
		For Reflective Finish, Add	*52.31*	
10 14 23 11-0017	EA	>250 To 500 SI, Semi-Rigid Polyvinyl Chloride (PVC), Surface Mount, Indoor/Outdoor Sign	61.50	13.22
		For >25 To 50, Deduct	*-3.51*	
		For >50 To 100, Deduct	*-8.77*	
		For >100, Deduct	*-10.52*	
		For Glow-In-Dark, Add	*70.12*	
		For Reflective Finish, Add	*75.38*	
10 14 23 11-0018	EA	>500 To 750 SI, Semi-Rigid Polyvinyl Chloride (PVC), Surface Mount, Indoor/Outdoor Sign	72.23	13.22
		For >25 To 50, Deduct	*-4.58*	
		For >50 To 100, Deduct	*-11.45*	
		For >100, Deduct	*-13.74*	
		For Glow-In-Dark, Add	*91.58*	
		For Reflective Finish, Add	*98.45*	
10 14 23 11-0019	EA	>750 To 1,000 SI, Semi-Rigid Polyvinyl Chloride (PVC), Surface Mount, Indoor/Outdoor Sign	83.68	13.22
		For >25 To 50, Deduct	*-5.72*	
		For >50 To 100, Deduct	*-14.31*	
		For >100, Deduct	*-17.17*	
		For Glow-In-Dark, Add	*114.48*	
		For Reflective Finish, Add	*123.07*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 23 11-0020	SI	>1,000 SI, Semi-Rigid Polyvinyl Chloride (PVC), Surface Mount, Indoor/Outdoor Sign	0.09	0.01
		For Glow-In-Dark, Add	*0.12*	
		For Reflective Finish, Add	*0.13*	

10 14 23 11-0021 Acrylic, Surface Mount, Indoor/Outdoor Signs With Braille *(10 14 23 11-0002)*

Note: Multi-color with words, symbols and graphics. Includes adhesive or fasteners for mounting. Excludes frame.

10 14 23 11-0022	EA	Up To 25 SI, Acrylic, Surface Mount, Indoor/Outdoor Signs With Braille	43.61	13.22
		For >25 To 50, Deduct	*-1.72*	
		For >50 To 100, Deduct	*-4.29*	
		For >100, Deduct	*-5.15*	
		For Molded Plastic Frame, Add	*15.00*	
		For Brushed Metal Finish/Faux Metal Finish, Add	*23.00*	
		For 2" Height Slider Channel For Custom Inserts, Add	*35.00*	
10 14 23 11-0023	EA	>25 To 50 SI, Acrylic, Surface Mount, Indoor/Outdoor Signs With Braille	47.90	13.22
		For >25 To 50, Deduct	*-2.15*	
		For >50 To 100, Deduct	*-5.37*	
		For >100, Deduct	*-6.44*	
		For Molded Plastic Frame, Add	*17.00*	
		For Brushed Metal Finish/Faux Metal Finish, Add	*28.00*	
		For 2" Height Slider Channel For Custom Inserts, Add	*35.00*	
10 14 23 11-0024	EA	>50 To 75 SI, Acrylic, Surface Mount, Indoor/Outdoor Signs With Braille	55.06	13.22
		For >25 To 50, Deduct	*-2.86*	
		For >50 To 100, Deduct	*-7.16*	
		For >100, Deduct	*-8.59*	
		For Molded Plastic Frame, Add	*19.00*	
		For Brushed Metal Finish/Faux Metal Finish, Add	*31.00*	
10 14 23 11-0025	EA	>75 To 100 SI, Acrylic, Surface Mount, Indoor/Outdoor Signs With Braille	61.79	13.22
		For >25 To 50, Deduct	*-3.54*	
		For >50 To 100, Deduct	*-8.84*	
		For >100, Deduct	*-10.61*	
		For Molded Plastic Frame, Add	*21.00*	
		For Brushed Metal Finish/Faux Metal Finish, Add	*35.00*	
10 14 23 11-0026	SI	>100 SI, Acrylic, Surface Mount, Indoor/Outdoor Signs With Braille	0.66	0.13
		For Molded Plastic Frame, Add	*0.20*	
		For Brushed Metal Finish/Faux Metal Finish, Add	*0.31*	

10 14 23 11-0027 Engraved Steel, Surface Mount, Indoor/Outdoor Signs *(10 14 23 11-0002)*

Note: Multi-color with words, symbols and graphics. Includes adhesive or fasteners for mounting. Excludes frame.

10 14 23 11-0028	EA	Up To 25 SI, Engraved Steel, Surface Mount, Indoor/Outdoor Sign	53.63	13.22
		For >25 To 50, Deduct	*-2.72*	
		For >50 To 100, Deduct	*-6.80*	
		For >100, Deduct	*-8.16*	
		For Molded Plastic Frame, Add	*15.00*	
10 14 23 11-0029	EA	>25 To 50 SI, Engraved Steel, Surface Mount, Indoor/Outdoor Sign	62.22	13.22
		For >25 To 50, Deduct	*-3.58*	
		For >50 To 100, Deduct	*-8.95*	
		For >100, Deduct	*-10.73*	
		For Molded Plastic Frame, Add	*17.00*	
10 14 23 11-0030	EA	>50 To 75 SI, Engraved Steel, Surface Mount, Indoor/Outdoor Sign	73.66	13.22
		For >25 To 50, Deduct	*-4.72*	
		For >50 To 100, Deduct	*-11.81*	
		For >100, Deduct	*-14.17*	
		For Molded Plastic Frame, Add	*19.00*	
10 14 23 11-0031	EA	>75 To 100 SI, Engraved Steel, Surface Mount, Indoor/Outdoor Sign	96.56	13.22
		For >25 To 50, Deduct	*-7.01*	
		For >50 To 100, Deduct	*-17.53*	
		For >100, Deduct	*-21.04*	
		For Molded Plastic Frame, Add	*21.00*	
10 14 23 11-0032	SI	>100 SI, Engraved Steel, Surface Mount, Indoor/Outdoor Sign	0.96	0.13
		For Molded Plastic Frame, Add	*0.20*	

10 14 23 11-0033 Enamel Coated Aluminum, Surface Mount, Indoor/Outdoor Signs *(10 14 23 11-0002)*

Note: Multi-color with words, symbols and graphics. Includes adhesive or fasteners for mounting.

10 14 23 11-0034	EA	Up To 25 SI, Enamel Coated Aluminum, Surface Mount, Indoor/Outdoor Sign	32.16	13.22
		For >25 To 50, Deduct	*-0.57*	
		For >50 To 100, Deduct	*-1.43*	
		For >100, Deduct	*-1.72*	
		For Glow-In-Dark, Add	*3.43*	
		For Reflective Finish, Add	*4.29*	
10 14 23 11-0035	EA	>25 To 50 SI, Enamel Coated Aluminum, Surface Mount, Indoor/Outdoor Sign	36.46	13.22
		For >25 To 50, Deduct	*-1.00*	
		For >50 To 100, Deduct	*-2.51*	
		For >100, Deduct	*-3.01*	
		For Glow-In-Dark, Add	*6.01*	
		For Reflective Finish, Add	*7.52*	
10 14 23 11-0036	EA	>50 To 100 SI, Enamel Coated Aluminum, Surface Mount, Indoor/Outdoor Sign	45.04	13.22
		For >25 To 50, Deduct	*-1.86*	
		For >50 To 100, Deduct	*-4.65*	
		For >100, Deduct	*-5.58*	
		For Glow-In-Dark, Add	*11.16*	
		For Reflective Finish, Add	*13.95*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 23 11-0037	EA	>100 To 250 SI, Enamel Coated Aluminum, Surface Mount, Indoor/Outdoor Sign	55.06	13.22
		For >25 To 50, Deduct	*-2.86*	
		For >50 To 100, Deduct	*-7.16*	
		For >100, Deduct	*-8.59*	
		For Glow-In-Dark, Add	*17.17*	
		For Reflective Finish, Add	*21.47*	
10 14 23 11-0038	EA	>250 To 500 SI, Enamel Coated Aluminum, Surface Mount, Indoor/Outdoor Sign	85.11	13.22
		For >25 To 50, Deduct	*-5.87*	
		For >50 To 100, Deduct	*-14.67*	
		For >100, Deduct	*-17.60*	
		For Glow-In-Dark, Add	*35.20*	
		For Reflective Finish, Add	*44.00*	
10 14 23 11-0039	EA	>500 To 750 SI, Enamel Coated Aluminum, Surface Mount, Indoor/Outdoor Sign	97.99	13.22
		For >25 To 50, Deduct	*-7.16*	
		For >50 To 100, Deduct	*-17.89*	
		For >100, Deduct	*-21.47*	
		For Glow-In-Dark, Add	*42.93*	
		For Reflective Finish, Add	*53.66*	
10 14 23 11-0040	EA	>750 To 1,000 SI, Enamel Coated Aluminum, Surface Mount, Indoor/Outdoor Sign	115.16	13.22
		For >25 To 50, Deduct	*-8.87*	
		For >50 To 100, Deduct	*-22.18*	
		For >100, Deduct	*-26.62*	
		For Glow-In-Dark, Add	*53.23*	
		For Reflective Finish, Add	*66.54*	
10 14 23 11-0041	SI	>1,000 SI, Enamel Coated Aluminum, Surface Mount, Indoor/Outdoor Sign	0.13	0.01
		For Glow-In-Dark, Add	*0.06*	
		For Reflective Finish, Add	*0.08*	

10 14 23 11-0042 Ceiling Mount, Indoor/Outdoor Signs *(10 14 23 11-0001)*

10 14 23 11-0043 Enamel Coated Aluminum, Ceiling Mount, Indoor/Outdoor Signs *(10 14 23 11-0042)*

10 14 23 11-0044	EA	Up To 25 SI, Enamel Coated Aluminum, Ceiling Mount, Indoor/Outdoor Sign	44.89	18.50
		For >25 To 50, Deduct	*-0.79*	
		For >50 To 100, Deduct	*-1.97*	
		For >100, Deduct	*-2.36*	
		For Glow-In-Dark, Add	*4.72*	
		For Reflective Finish, Add	*5.90*	
10 14 23 11-0045	EA	>25 To 50 SI, Enamel Coated Aluminum, Ceiling Mount, Indoor/Outdoor Sign	51.33	18.50
		For >25 To 50, Deduct	*-1.43*	
		For >50 To 100, Deduct	*-3.58*	
		For >100, Deduct	*-4.29*	
		For Glow-In-Dark, Add	*8.59*	
		For Reflective Finish, Add	*10.73*	
10 14 23 11-0046	EA	>50 To 100 SI, Enamel Coated Aluminum, Ceiling Mount, Indoor/Outdoor Sign	59.92	18.50
		For >25 To 50, Deduct	*-2.29*	
		For >50 To 100, Deduct	*-5.73*	
		For >100, Deduct	*-6.87*	
		For Glow-In-Dark, Add	*13.74*	
		For Reflective Finish, Add	*17.18*	
10 14 23 11-0047	EA	>100 To 150 SI, Enamel Coated Aluminum, Ceiling Mount, Indoor/Outdoor Sign	72.80	18.50
		For >25 To 50, Deduct	*-3.58*	
		For >50 To 100, Deduct	*-8.95*	
		For >100, Deduct	*-10.73*	
		For Glow-In-Dark, Add	*21.47*	
		For Reflective Finish, Add	*26.84*	

10 14 23 11-0048 90 Degree, Projection Mount, Indoor/Outdoor Signs *(10 14 23 11-0001)*

10 14 23 11-0049 Enamel Coated Aluminum, 90 Degree, Projection Mount, Indoor/Outdoor Signs *(10 14 23 11-0048)*

10 14 23 11-0050	EA	Up To 25 SI, Enamel Coated Aluminum, 90 Degree, Projection Mount, Indoor/Outdoor Sign	45.61	18.50
		For >25 To 50, Deduct	*-0.86*	
		For >50 To 100, Deduct	*-2.15*	
		For >100, Deduct	*-2.58*	
		For Glow-In-Dark, Add	*5.15*	
		For Reflective Finish, Add	*6.44*	
10 14 23 11-0051	EA	>25 To 50 SI, Enamel Coated Aluminum, 90 Degree, Projection Mount, Indoor/Outdoor Sign	52.76	18.50
		For >25 To 50, Deduct	*-1.57*	
		For >50 To 100, Deduct	*-3.94*	
		For >100, Deduct	*-4.72*	
		For Glow-In-Dark, Add	*9.44*	
		For Reflective Finish, Add	*11.81*	
10 14 23 11-0052	EA	>50 To 100 SI, Enamel Coated Aluminum, 90 Degree, Projection Mount, Indoor/Outdoor Sign	68.50	18.50
		For >25 To 50, Deduct	*-3.15*	
		For >50 To 100, Deduct	*-7.87*	
		For >100, Deduct	*-9.44*	
		For Glow-In-Dark, Add	*18.89*	
		For Reflective Finish, Add	*23.61*	
10 14 23 11-0053	EA	>100 To 150 SI, Enamel Coated Aluminum, 90 Degree, Projection Mount, Indoor/Outdoor Sign	74.23	18.50
		For >25 To 50, Deduct	*-3.72*	
		For >50 To 100, Deduct	*-9.30*	
		For >100, Deduct	*-11.16*	
		For Glow-In-Dark, Add	*22.33*	
		For Reflective Finish, Add	*27.91*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 23 11-0054		Triangle, Projection Mount, Indoor/Outdoor Signs *(10 14 23 11-0001)*		
10 14 23 11-0055		Enamel Coated Aluminum, Triangle, Projection Mount, Indoor/Outdoor Signs *(10 14 23 11-0054)*		
10 14 23 11-0056	EA	Up To 25 SI, Enamel Coated Aluminum, Triangle, Projection Mount, Indoor/Outdoor Sign	47.75	18.50
		For >25 To 50, Deduct	*-1.07*	
		For >50 To 100, Deduct	*-2.68*	
		For >100, Deduct	*-3.22*	
		For Glow-In-Dark, Add	*6.44*	
		For Reflective Finish, Add	*8.05*	
10 14 23 11-0057	EA	>25 To 50 SI, Enamel Coated Aluminum, Triangle, Projection Mount, Indoor/Outdoor Sign	58.48	18.50
		For >25 To 50, Deduct	*-2.15*	
		For >50 To 100, Deduct	*-5.37*	
		For >100, Deduct	*-6.44*	
		For Glow-In-Dark, Add	*12.88*	
		For Reflective Finish, Add	*16.10*	
10 14 23 11-0058	EA	>50 To 100 SI, Enamel Coated Aluminum, Triangle, Projection Mount, Indoor/Outdoor Sign	62.78	18.50
		For >25 To 50, Deduct	*-2.58*	
		For >50 To 100, Deduct	*-6.44*	
		For >100, Deduct	*-7.73*	
		For Glow-In-Dark, Add	*15.46*	
		For Reflective Finish, Add	*19.32*	
10 14 23 11-0059	EA	>100 To 150 SI, Enamel Coated Aluminum, Triangle, Projection Mount, Indoor/Outdoor Sign	68.50	18.50
		For >25 To 50, Deduct	*-3.15*	
		For >50 To 100, Deduct	*-7.87*	
		For >100, Deduct	*-9.44*	
		For Glow-In-Dark, Add	*18.89*	
		For Reflective Finish, Add	*23.61*	
10 14 23 11-0060		Adhesive Backed Vinyl Characters *(10 14 23 11)*		
		Note: Includes capital or lower case letters in any font or color. Includes numbers, symbols, punctuation marks, etc. Includes adhesive.		
10 14 23 11-0061	EA	1/2" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character	3.36	1.05
		For Pressure Sensitive Vinyl Letters, Custom Cut, Add	*0.56*	
10 14 23 11-0062	EA	3/4" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character	3.47	1.21
		For Pressure Sensitive Vinyl Letters, Custom Cut, Add	*0.59*	
10 14 23 11-0063	EA	1" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character	3.59	1.37
		For Pressure Sensitive Vinyl Letters, Custom Cut, Add	*0.62*	
10 14 23 11-0064	EA	1-1/2" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character	4.82	1.58
		For Pressure Sensitive Vinyl Letters, Custom Cut, Add	*0.79*	
10 14 23 11-0065	EA	2" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character	4.98	1.86
		For Pressure Sensitive Vinyl Letters, Custom Cut, Add	*0.83*	
10 14 23 11-0066	EA	3" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character	7.03	2.12
		For Pressure Sensitive Vinyl Letters, Custom Cut, Add	*1.21*	
10 14 23 11-0067	EA	4" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character	7.50	2.38
		For Pressure Sensitive Vinyl Letters, Custom Cut, Add	*1.33*	
10 14 23 11-0068	EA	6" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character	10.03	2.65
		For Pressure Sensitive Vinyl Letters, Custom Cut, Add	*1.82*	
10 14 23 11-0069	EA	8" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character	11.95	2.91
		For Pressure Sensitive Vinyl Letters, Custom Cut, Add	*2.30*	
10 14 23 11-0070	EA	10" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character	15.26	3.17
		For Pressure Sensitive Vinyl Letters, Custom Cut, Add	*2.99*	
10 14 23 11-0071		Standoffs For Wall Signage *(10 14 23 11)*		
		Note: Exxcludes signage		
10 14 23 11-0072	EA	1/2" Diameter x 1/2" Long, Stainless Steel Standoff	16.12	5.95
10 14 23 11-0073	EA	1/2" Diameter x 3/4" Long, Stainless Steel Standoff	16.67	5.95
10 14 23 11-0074	EA	1/2" Diameter x 1" Long, Stainless Steel Standoff	16.81	5.95
10 14 23 11-0075	EA	5/8" Diameter x 1/2" Long, Stainless Steel Standoff	17.68	5.95
10 14 23 11-0076	EA	5/8" Diameter x 3/4" Long, Stainless Steel Standoff	18.23	5.95
10 14 23 11-0077	EA	5/8" Diameter x 1" Long, Stainless Steel Standoff	19.32	5.95
10 14 23 11-0078	EA	3/4" Diameter x 3/4" Long, Stainless Steel Standoff	19.09	7.13
10 14 23 11-0079	EA	3/4" Diameter x 1" Long, Stainless Steel Standoff	20.59	7.13
10 14 23 11-0080	EA	3/4" Diameter x 1-1/2" Long, Stainless Steel Standoff	21.82	7.13
10 14 23 11-0081	EA	1" Diameter x 3/4" Long, Stainless Steel Standoff	23.01	7.13
10 14 23 11-0082	EA	1" Diameter x 1" Long, Stainless Steel Standoff	24.79	7.13
10 14 23 11-0083	EA	1" Diameter x 1-1/2" Long, Stainless Steel Standoff	26.97	7.13
10 14 23 11-0084	EA	5/8" Diameter x 3/4" Long, Clear Anodized Aluminum Standoff	18.09	5.95
10 14 23 11-0085	EA	5/8" Diameter x 1" Long, Clear Anodized Aluminum Standoff	18.50	5.95
10 14 23 11-0086	EA	3/4" Diameter x 3/4" Long, Clear Anodized Aluminum Standoff	20.32	7.13
10 14 23 11-0087	EA	3/4" Diameter x 1" Long, Clear Anodized Aluminum Standoff	20.73	7.13
10 14 23 11-0088	EA	1" Diameter x 3/4" Long, Clear Anodized Aluminum Standoff	22.46	7.13
10 14 23 11-0089	EA	1" Diameter x 1" Long, Clear Anodized Aluminum Standoff	22.74	7.13
10 14 23 11-0090		Removal And Reinstallation Of Building Signage *(10 14 23 11)*		
		Note: Includes storage and cleaning.		
10 14 23 11-0091	EA	Removal And Reinstallation Of Building Signage, Exterior Up To 4 SF	208.21	
10 14 23 11-0092	EA	Removal And Reinstallation Of Building Signage, Exterior >4 To 12 SF	239.26	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 23 11-0093	EA	Removal And Reinstallation Of Building Signage, >12 To 20 SF	269.00	
10 14 23 11-0094	EA	Removal And Reinstallation Of Interior Door And Office Signage, Up To 4SF	79.32	

10 14 23 11-0095 Building Sign *(10 14 23 11)*

Note: Includes 4" numbers painted on. Installed on building.

10 14 23 11-0096	EA	6" x 18" Metal Building Sign With Numbers	205.45	31.72
10 14 23 11-0097	SF	Double Sided, Molding On Two Sides, For Mounting On Aluminum Posts	47.41	8.32
10 14 23 11-0098	SF	Single Sided, Molding On One Side, For Mounting On Structure Up To 20'	35.84	7.73
10 14 23 11-0099	EA	Aluminum Posts, Formed Prefinished, Ribbed, 4" Square, 6' High, 3' Deep	35.61	6.54
10 14 23 11-0100	EA	Aluminum Posts, Formed Prefinished, Ribbed, 4" Square, 8' High, 3' Deep	41.42	7.14
10 14 23 11-0101	EA	Aluminum Posts, Formed Prefinished, Ribbed, 6" Square, 10' High, 3' Deep	45.51	7.73
10 14 23 11-0102	EA	Aluminum Posts, Formed Prefinished, Ribbed, 6" Square, 15' High, 4' Deep	54.21	8.32
10 14 23 11-0103	EA	Permanent Cast Bronze Stud Mounted Suspended Facility Sign	9,085.70	

10 14 29 Wall or Ground Mounted Signage *(10 14)*

Note: Includes fabrication, delivery, installation, bolts and fasteners and drilling.

10 14 29 00-0001 Illuminated Signage *(10 14 29)*

10 14 29 00-0002 Fabricate And Install New Sign Cabinets *(10 14 29 00-0001)*

10 14 29 00-0003	SF	1 To 4.9 SF, Illuminated Sign Cabinet, Wall/Ground Mounted	314.35
		For >5 To 11 Per Each Sign, Deduct	*-15.72*
		For >11 To 20 Per Each Sign, Deduct	*-23.58*
		For >20 Per Each Sign, Deduct	*-31.44*
10 14 29 00-0004	SF	5 To 9.9 SF, Illuminated Sign Cabinet, Wall/Ground Mounted	261.31
		For >5 To 11 Per Each Sign, Deduct	*-13.07*
		For >11 To 20 Per Each Sign, Deduct	*-19.60*
		For >20 Per Each Sign, Deduct	*-26.13*
10 14 29 00-0005	SF	10 To 19.9 SF, Illuminated Sign Cabinet, Wall/Ground Mounted	213.32
		For >5 To 11 Per Each Sign, Deduct	*-10.67*
		For >11 To 20 Per Each Sign, Deduct	*-16.00*
		For >20 Per Each Sign, Deduct	*-21.33*
10 14 29 00-0006	SF	20 To 29.9 SF, Illuminated Sign Cabinet, Wall/Ground Mounted	191.95
		For >5 To 11 Per Each Sign, Deduct	*-9.60*
		For >11 To 20 Per Each Sign, Deduct	*-14.40*
		For >20 Per Each Sign, Deduct	*-19.20*
10 14 29 00-0007	SF	=>30 SF, Illuminated Sign Cabinet, Wall/Ground Mounted	176.03
		For >5 To 11 Per Each Sign, Deduct	*-8.80*
		For >11 To 20 Per Each Sign, Deduct	*-13.20*
		For >20 Per Each Sign, Deduct	*-17.60*

10 14 29 00-0008 Fabricate And Install New Sign Face, Material And Legend *(10 14 29 00-0001)*

10 14 29 00-0009	SF	1 To 4.9 SF, Illuminated Sign Face, Wall/Ground Mounted, Material And Legend	85.29
		For >5 To 11 Per Each Sign, Deduct	*-4.26*
		For >11 To 20 Per Each Sign, Deduct	*-6.40*
		For >20 Per Each Sign, Deduct	*-8.53*
10 14 29 00-0010	SF	5 To 9.9 SF, Illuminated Sign Face, Wall/Ground Mounted, Material And Legend	69.37
		For >5 To 11 Per Each Sign, Deduct	*-3.47*
		For >11 To 20 Per Each Sign, Deduct	*-5.20*
		For >20 Per Each Sign, Deduct	*-6.94*
10 14 29 00-0011	SF	10 To 19.9 SF, Illuminated Sign Face, Wall/Ground Mounted, Material And Legend	53.23
		For >5 To 11 Per Each Sign, Deduct	*-2.66*
		For >11 To 20 Per Each Sign, Deduct	*-3.99*
		For >20 Per Each Sign, Deduct	*-5.32*
10 14 29 00-0012	SF	20 To 29.9 SF, Illuminated Sign Face, Wall/Ground Mounted, Material And Legend	42.55
		For >5 To 11 Per Each Sign, Deduct	*-2.13*
		For >11 To 20 Per Each Sign, Deduct	*-3.19*
		For >20 Per Each Sign, Deduct	*-4.26*
10 14 29 00-0013	SF	=>30 SF, Illuminated Sign Face, Wall/Ground Mounted, Material And Legend	34.04
		For >5 To 11 Per Each Sign, Deduct	*-1.70*
		For >11 To 20 Per Each Sign, Deduct	*-2.55*
		For >20 Per Each Sign, Deduct	*-3.40*

10 14 31 Overhead and Ceiling Hung Signage *(10 14)*

Note: Includes fabrication, delivery, installation, bolts and fasteners and drilling.

10 14 31 00-0001 Illuminated Signage *(10 14 31)*

10 14 31 00-0002 Fabricate And Install New Sign Cabinets *(10 14 31 00-0001)*

10 14 31 00-0003	SF	1 To 4.9 SF, Illuminated Sign Cabinet, Overhead/Ceiling Hung	347.77
		For >5 To 11 Per Each Sign, Deduct	*-17.39*
		For >11 To 20 Per Each Sign, Deduct	*-26.08*
		For >20 Per Each Sign, Deduct	*-34.78*
10 14 31 00-0004	SF	5 To 9.9 SF, Illuminated Sign Cabinet, Overhead/Ceiling Hung	289.01
		For >5 To 11 Per Each Sign, Deduct	*-14.45*
		For >11 To 20 Per Each Sign, Deduct	*-21.68*
		For >20 Per Each Sign, Deduct	*-28.90*
10 14 31 00-0005	SF	10 To 19.9 SF, Illuminated Sign Cabinet, Overhead/Ceiling Hung	235.94
		For >5 To 11 Per Each Sign, Deduct	*-11.80*
		For >11 To 20 Per Each Sign, Deduct	*-17.70*
		For >20 Per Each Sign, Deduct	*-23.59*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 31 00-0006	SF	20 To 29.9 SF, Illuminated Sign Cabinet, Overhead/Ceiling Hung	212.32	
		For >5 To 11 Per Each Sign, Deduct	*-10.62*	
		For >11 To 20 Per Each Sign, Deduct	*-15.92*	
		For >20 Per Each Sign, Deduct	*-21.23*	
10 14 31 00-0007	SF	=>30 SF, Illuminated Sign Cabinet, Overhead/Ceiling Hung	194.67	
		For >5 To 11 Per Each Sign, Deduct	*-9.73*	
		For >11 To 20 Per Each Sign, Deduct	*-14.60*	
		For >20 Per Each Sign, Deduct	*-19.47*	

10 14 31 00-0008 Fabricate And Install New Sign Face, Material And Legend *(10 14 31 00-0001)*

10 14 31 00-0009	SF	1 To 4.9 SF, Illuminated Sign Face, Overhead/Ceiling Hung, Material And Legend	34.90	
		For >5 To 11 Per Each Sign, Deduct	*-1.75*	
		For >11 To 20 Per Each Sign, Deduct	*-2.62*	
		For >20 Per Each Sign, Deduct	*-3.49*	
10 14 31 00-0010	SF	5 To 9.9 SF, Illuminated Sign Face, Overhead/Ceiling Hung, Material And Legend	27.92	
		For >5 To 11 Per Each Sign, Deduct	*-1.40*	
		For >11 To 20 Per Each Sign, Deduct	*-2.09*	
		For >20 Per Each Sign, Deduct	*-2.79*	
10 14 31 00-0011	SF	10 To 19.9 SF, Illuminated Sign Face, Overhead/Ceiling Hung, Material And Legend	23.26	
		For >5 To 11 Per Each Sign, Deduct	*-1.16*	
		For >11 To 20 Per Each Sign, Deduct	*-1.74*	
		For >20 Per Each Sign, Deduct	*-2.33*	
10 14 31 00-0012	SF	20 To 29.9 SF, Illuminated Sign Face, Overhead/Ceiling Hung, Material And Legend	19.74	
		For >5 To 11 Per Each Sign, Deduct	*-0.99*	
		For >11 To 20 Per Each Sign, Deduct	*-1.48*	
		For >20 Per Each Sign, Deduct	*-1.97*	
10 14 31 00-0013	SF	=>30 SF, Illuminated Sign Face, Overhead/Ceiling Hung, Material And Legend	17.42	
		For >5 To 11 Per Each Sign, Deduct	*-0.87*	
		For >11 To 20 Per Each Sign, Deduct	*-1.31*	
		For >20 Per Each Sign, Deduct	*-1.74*	

10 14 43 Photoluminescent Signage *(10 14)*

10 14 43 00-0001 Photoluminescent Illuminated Signage *(10 14 43)*

10 14 43 00-0002	EA	4-1/2" x 8" Photoluminescent Directional Sign, Adhesive Backed Vinyl, Surface Mount	64.44	13.22
		For >25 To 50, Deduct	*-3.80*	
		For >50 To 100, Deduct	*-9.50*	
		For >100, Deduct	*-11.40*	
10 14 43 00-0003	EA	4-1/2" x 13" Photoluminescent Directional Sign, Adhesive Backed Vinyl, Surface Mount	70.62	13.22
		For >25 To 50, Deduct	*-4.42*	
		For >50 To 100, Deduct	*-11.05*	
		For >100, Deduct	*-13.25*	
10 14 43 00-0004	EA	8" x 10" Photoluminescent Directional Sign, Adhesive Backed Vinyl, Surface Mount	79.11	13.22
		For >25 To 50, Deduct	*-5.27*	
		For >50 To 100, Deduct	*-13.17*	
		For >100, Deduct	*-15.80*	

10 14 53 Traffic Signage *(10 14)*

10 14 53 11 Traffic Signage *(10 14 53)*

10 14 53 11-0001 Traffic Signs *(10 14 53 11)*

10 14 53 11-0002 Reflectorized Stop Signs And Other Traffic Signs *(10 14 53 11-0001)*

Note: Excludes posts.

10 14 53 11-0003 Aluminum Engineer Grade Stop Signs *(10 14 53 11-0002)*

10 14 53 11-0004	EA	18" x 18" Aluminum Engineer Grade Stop Sign	78.49	23.80
		For Hi-Intensity Grade, Add	*9.27*	
		For Diamond Grade, Add	*17.61*	
10 14 53 11-0005	EA	18" x 24" Aluminum Engineer Grade Stop Sign	90.65	25.17
		For Hi-Intensity Grade, Add	*12.12*	
		For Diamond Grade, Add	*23.03*	
10 14 53 11-0006	EA	24" x 24" Aluminum Engineer Grade Stop Sign	98.04	26.44
		For Hi-Intensity Grade, Add	*18.52*	
		For Diamond Grade, Add	*29.35*	
10 14 53 11-0007	EA	30" x 30" Aluminum Engineer Grade Stop Sign	113.37	27.81
		For Hi-Intensity Grade, Add	*6.94*	
		For Diamond Grade, Add	*37.60*	
10 14 53 11-0008	EA	36" x 36" Aluminum Engineer Grade Stop Sign	150.87	29.09
		For Hi-Intensity Grade, Add	*20.39*	
		For Diamond Grade, Add	*63.96*	

10 14 53 11-0009 Steel Engineer Grade Stop Signs *(10 14 53 11-0002)*

10 14 53 11-0010	EA	18" x 18" Reflective Steel Stop Sign, Engineering Grade	113.12	23.80
10 14 53 11-0011	EA	18" x 24" Reflective Steel Stop Sign, Engineering Grade	139.51	25.17
10 14 53 11-0012	EA	24" x 24" Reflective Steel Stop Sign, Engineering Grade	147.94	26.44
10 14 53 11-0013	EA	30" x 30" Reflective Steel Stop Sign, Engineering Grade	206.75	27.81
10 14 53 11-0014	EA	36" x 36" Reflective Steel Stop Sign, Engineering Grade	259.83	29.09

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 53 11-0015		**Polyethylene Engineer Grade Stop Signs** *(10 14 53 11-0002)*		
10 14 53 11-0016	EA	18" x 18" Reflective Polyethylene Stop Sign, Engineering Grade	115.55	23.80
10 14 53 11-0017	EA	18" x 24" Reflective Polyethylene Stop Sign, Engineering Grade	145.73	25.17
10 14 53 11-0018	EA	24" x 24" Reflective Polyethylene Stop Sign, Engineering Grade	160.18	26.44
10 14 53 11-0019	EA	30" x 30" Reflective Polyethylene Stop Sign, Engineering Grade	207.32	27.81
10 14 53 11-0020		**Other Reflectorized Traffic Signs** *(10 14 53 11-0002)*		
		Note: Other traffic signs includes reserve, handicap, visitor, no parking, property, speed limit, tow away, ADA, parking time limit, parking exclusive area, school, traffic/caution, etc. Excludes posts.		
10 14 53 11-0021		**Aluminum Engineer Grade Traffic Signs** *(10 14 53 11-0020)*		
10 14 53 11-0022	EA	6" x 12" Aluminum Engineer Grade Traffic Sign	49.96	21.15
		For Hi-Intensity Grade, Add	*2.30*	
10 14 53 11-0023	EA	6" x 18" Aluminum Engineer Grade Traffic Sign	53.79	21.15
		For Hi-Intensity Grade, Add	*3.44*	
10 14 53 11-0024	EA	9" x 12" Aluminum Engineer Grade Traffic Sign	53.79	21.15
		For Hi-Intensity Grade, Add	*3.44*	
10 14 53 11-0025	EA	9" x 15" Aluminum Engineer Grade Traffic Sign	56.66	21.15
		For Hi-Intensity Grade, Add	*4.31*	
10 14 53 11-0026	EA	9" x 18" Aluminum Engineer Grade Traffic Sign	59.53	21.15
		For Hi-Intensity Grade, Add	*5.17*	
10 14 53 11-0027	EA	9" x 24" Aluminum Engineer Grade Traffic Sign	67.91	22.48
		For Hi-Intensity Grade, Add	*6.89*	
10 14 53 11-0028	EA	9" x 48" Aluminum Engineer Grade Traffic Sign	90.88	22.48
		For Hi-Intensity Grade, Add	*13.78*	
10 14 53 11-0029	EA	12" x 12" Aluminum Engineer Grade Traffic Sign	57.62	21.15
		For Hi-Intensity Grade, Add	*4.59*	
10 14 53 11-0030	EA	12" x 18" Aluminum Engineer Grade Traffic Sign	67.91	22.48
		For Hi-Intensity Grade, Add	*6.89*	
10 14 53 11-0031	EA	12" x 24" Aluminum Engineer Grade Traffic Sign	75.57	22.48
		For Hi-Intensity Grade, Add	*9.19*	
10 14 53 11-0032	EA	12" x 30" Aluminum Engineer Grade Traffic Sign	83.22	22.48
		For Hi-Intensity Grade, Add	*11.48*	
10 14 53 11-0033	EA	12" x 36" Aluminum Engineer Grade Traffic Sign	90.88	22.48
		For Hi-Intensity Grade, Add	*13.78*	
10 14 53 11-0034	EA	18" x 18" Aluminum Engineer Grade Traffic Sign	79.39	22.48
		For Hi-Intensity Grade, Add	*10.33*	
10 14 53 11-0035	EA	18" x 24" Aluminum Engineer Grade Traffic Sign	90.88	22.48
		For Hi-Intensity Grade, Add	*13.78*	
10 14 53 11-0036	EA	18" x 30" Aluminum Engineer Grade Traffic Sign	105.00	23.80
		For Hi-Intensity Grade, Add	*17.22*	
10 14 53 11-0037	EA	18" x 36" Aluminum Engineer Grade Traffic Sign	116.48	23.80
		For Hi-Intensity Grade, Add	*20.67*	
10 14 53 11-0038	EA	18" x 48" Aluminum Engineer Grade Traffic Sign	150.02	29.09
		For Hi-Intensity Grade, Add	*27.56*	
10 14 53 11-0039	EA	18" x 54" Aluminum Engineer Grade Traffic Sign	161.50	29.09
		For Hi-Intensity Grade, Add	*31.00*	
10 14 53 11-0040	EA	24" x 24" Aluminum Engineer Grade Traffic Sign	108.82	23.80
		For Hi-Intensity Grade, Add	*18.37*	
10 14 53 11-0041	EA	24" x 30" Aluminum Engineer Grade Traffic Sign	124.13	23.80
		For Hi-Intensity Grade, Add	*22.96*	
10 14 53 11-0042	EA	24" x 36" Aluminum Engineer Grade Traffic Sign	139.44	23.80
		For Hi-Intensity Grade, Add	*27.56*	
10 14 53 11-0043	EA	24" x 42" Aluminum Engineer Grade Traffic Sign	165.33	29.09
		For Hi-Intensity Grade, Add	*32.15*	
10 14 53 11-0044	EA	24" x 48" Aluminum Engineer Grade Traffic Sign	180.64	29.09
		For Hi-Intensity Grade, Add	*36.74*	
10 14 53 11-0045	EA	24" x 54" Aluminum Engineer Grade Traffic Sign	195.95	29.09
		For Hi-Intensity Grade, Add	*41.33*	
10 14 53 11-0046	EA	24" x 60" Aluminum Engineer Grade Traffic Sign	211.25	29.09
		For Hi-Intensity Grade, Add	*45.92*	
10 14 53 11-0047	EA	30" x 30" Aluminum Engineer Grade Traffic Sign	143.27	23.80
		For Hi-Intensity Grade, Add	*28.70*	
10 14 53 11-0048	EA	30" x 36" Aluminum Engineer Grade Traffic Sign	172.98	29.09
		For Hi-Intensity Grade, Add	*34.44*	
10 14 53 11-0049	EA	30" x 42" Aluminum Engineer Grade Traffic Sign	192.12	29.09
		For Hi-Intensity Grade, Add	*40.19*	
10 14 53 11-0050	EA	30" x 48" Aluminum Engineer Grade Traffic Sign	221.82	34.37
		For Hi-Intensity Grade, Add	*45.92*	
10 14 53 11-0051	EA	30" x 60" Aluminum Engineer Grade Traffic Sign	270.69	39.66
		For Hi-Intensity Grade, Add	*57.41*	
10 14 53 11-0052	EA	36" x 36" Aluminum Engineer Grade Traffic Sign	195.95	29.09
		For Hi-Intensity Grade, Add	*41.33*	
10 14 53 11-0053	EA	36" x 42" Aluminum Engineer Grade Traffic Sign	229.48	34.37
		For Hi-Intensity Grade, Add	*48.22*	
10 14 53 11-0054	EA	36" x 48" Aluminum Engineer Grade Traffic Sign	263.03	39.66
		For Hi-Intensity Grade, Add	*55.11*	
10 14 53 11-0055	EA	36" x 54" Aluminum Engineer Grade Traffic Sign	285.99	39.66
		For Hi-Intensity Grade, Add	*62.00*	
10 14 53 11-0056	EA	36" x 60" Aluminum Engineer Grade Traffic Sign	319.53	44.95
		For Hi-Intensity Grade, Add	*68.89*	
10 14 53 11-0057	EA	36" x 73" Aluminum Engineer Grade Traffic Sign	379.86	50.24
		For Hi-Intensity Grade, Add	*83.81*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 53 11-0058	EA	36" x 78" Aluminum Engineer Grade Traffic Sign	399.00	50.24
		For Hi-Intensity Grade, Add	*89.56*	
10 14 53 11-0059	EA	36" x 108" Aluminum Engineer Grade Traffic Sign	529.67	58.17
		For Hi-Intensity Grade, Add	*124.00*	
10 14 53 11-0060	EA	42" x 42" Aluminum Engineer Grade Traffic Sign	266.86	39.66
		For Hi-Intensity Grade, Add	*56.26*	
10 14 53 11-0061	EA	48" x 48" Aluminum Engineer Grade Traffic Sign	334.84	44.95
		For Hi-Intensity Grade, Add	*73.48*	
10 14 53 11-0062	EA	48" x 54" Aluminum Engineer Grade Traffic Sign	376.03	50.24
		For Hi-Intensity Grade, Add	*82.67*	
10 14 53 11-0063	EA	48" x 60" Aluminum Engineer Grade Traffic Sign	406.65	50.24
		For Hi-Intensity Grade, Add	*91.85*	
10 14 53 11-0064	EA	48" x 66" Aluminum Engineer Grade Traffic Sign	453.13	58.17
		For Hi-Intensity Grade, Add	*101.04*	
10 14 53 11-0065	EA	48" x 72" Aluminum Engineer Grade Traffic Sign	483.74	58.17
		For Hi-Intensity Grade, Add	*110.22*	
10 14 53 11-0066	EA	48" x 84" Aluminum Engineer Grade Traffic Sign	555.56	63.46
		For Hi-Intensity Grade, Add	*128.59*	
10 14 53 11-0067	EA	48" x 96" Aluminum Engineer Grade Traffic Sign	616.79	63.46
		For Hi-Intensity Grade, Add	*146.96*	
10 14 53 11-0068	EA	48" x 102" Aluminum Engineer Grade Traffic Sign	647.41	63.46
		For Hi-Intensity Grade, Add	*156.15*	
10 14 53 11-0069	EA	48" x 108" Aluminum Engineer Grade Traffic Sign	683.31	66.11
		For Hi-Intensity Grade, Add	*165.33*	
10 14 53 11-0070	EA	60" x 72" Aluminum Engineer Grade Traffic Sign	586.17	63.46
		For Hi-Intensity Grade, Add	*137.78*	
10 14 53 11-0071	EA	72" x 144" Aluminum Engineer Grade Traffic Sign	1,271.43	84.61
		For Hi-Intensity Grade, Add	*330.66*	
10 14 53 11-0072	EA	78" x 96" Aluminum Engineer Grade Traffic Sign	928.24	66.11
		For Hi-Intensity Grade, Add	*238.81*	

10 14 53 11-0073 Polyethylene Engineer Grade Traffic Signs *(10 14 53 11-0020)*

10 14 53 11-0074	EA	6" x 12" Reflective Polyethylene Traffic Sign	82.14	19.88
10 14 53 11-0075	EA	12" x 12" Reflective Polyethylene Traffic Sign	93.00	21.15
10 14 53 11-0076	EA	12" x 18" Reflective Polyethylene Traffic Sign	99.52	22.53
10 14 53 11-0077	EA	18" x 18" Reflective Polyethylene Traffic Sign	119.15	23.80
10 14 53 11-0078	EA	18" x 24" Reflective Polyethylene Traffic Sign	145.73	25.17
10 14 53 11-0079	EA	24" x 24" Reflective Polyethylene Traffic Sign	163.32	25.17

10 14 53 11-0080 Non-Reflectorized Traffic Signs *(10 14 53 11-0001)*

Note: Includes reserved parking, handicap parking, visitor parking, no parking, tow away zones, etc. Excludes posts.

10 14 53 11-0081 Steel Non-Reflectorized Traffic Signs *(10 14 53 11-0080)*

10 14 53 11-0082	EA	6" x 12" Steel Non-Reflectorized Traffic Sign	48.93	21.15
10 14 53 11-0083	EA	6" x 18" Steel Non-Reflectorized Traffic Sign	52.24	21.15
10 14 53 11-0084	EA	9" x 12" Steel Non-Reflectorized Traffic Sign	52.24	21.15
10 14 53 11-0085	EA	9" x 15" Steel Non-Reflectorized Traffic Sign	54.72	21.15
10 14 53 11-0086	EA	9" x 18" Steel Non-Reflectorized Traffic Sign	57.20	21.15
10 14 53 11-0087	EA	9" x 24" Steel Non-Reflectorized Traffic Sign	64.80	22.48
10 14 53 11-0088	EA	9" x 48" Steel Non-Reflectorized Traffic Sign	84.65	22.48
10 14 53 11-0089	EA	12" x 12" Steel Non-Reflectorized Traffic Sign	55.54	21.15
10 14 53 11-0090	EA	12" x 18" Steel Non-Reflectorized Traffic Sign	64.80	22.48
10 14 53 11-0091	EA	12" x 24" Steel Non-Reflectorized Traffic Sign	71.42	22.48
10 14 53 11-0092	EA	12" x 30" Steel Non-Reflectorized Traffic Sign	78.04	22.48
10 14 53 11-0093	EA	12" x 36" Steel Non-Reflectorized Traffic Sign	84.65	22.48
10 14 53 11-0094	EA	18" x 18" Steel Non-Reflectorized Traffic Sign	74.73	22.48
10 14 53 11-0095	EA	18" x 24" Steel Non-Reflectorized Traffic Sign	84.65	22.48
10 14 53 11-0096	EA	18" x 30" Steel Non-Reflectorized Traffic Sign	97.22	23.80
10 14 53 11-0097	EA	18" x 36" Steel Non-Reflectorized Traffic Sign	107.14	23.80
10 14 53 11-0098	EA	18" x 48" Steel Non-Reflectorized Traffic Sign	137.57	29.09
10 14 53 11-0099	EA	18" x 54" Steel Non-Reflectorized Traffic Sign	147.50	29.09
10 14 53 11-0100	EA	24" x 24" Steel Non-Reflectorized Traffic Sign	100.53	23.80
10 14 53 11-0101	EA	24" x 30" Steel Non-Reflectorized Traffic Sign	113.76	23.80
10 14 53 11-0102	EA	24" x 36" Steel Non-Reflectorized Traffic Sign	126.99	23.80
10 14 53 11-0103	EA	24" x 42" Steel Non-Reflectorized Traffic Sign	150.81	29.09
10 14 53 11-0104	EA	24" x 48" Steel Non-Reflectorized Traffic Sign	164.04	29.09
10 14 53 11-0105	EA	24" x 54" Steel Non-Reflectorized Traffic Sign	177.28	29.09
10 14 53 11-0106	EA	24" x 60" Steel Non-Reflectorized Traffic Sign	190.51	29.09
10 14 53 11-0107	EA	30" x 30" Steel Non-Reflectorized Traffic Sign	130.30	23.80
10 14 53 11-0108	EA	30" x 36" Steel Non-Reflectorized Traffic Sign	157.43	29.09
10 14 53 11-0109	EA	30" x 42" Steel Non-Reflectorized Traffic Sign	173.97	29.09
10 14 53 11-0110	EA	30" x 48" Steel Non-Reflectorized Traffic Sign	201.08	34.37
10 14 53 11-0111	EA	30" x 60" Steel Non-Reflectorized Traffic Sign	244.76	39.66
10 14 53 11-0112	EA	36" x 36" Steel Non-Reflectorized Traffic Sign	177.28	29.09
10 14 53 11-0113	EA	36" x 42" Steel Non-Reflectorized Traffic Sign	207.70	34.37
10 14 53 11-0114	EA	36" x 48" Steel Non-Reflectorized Traffic Sign	238.14	39.66
10 14 53 11-0115	EA	36" x 54" Steel Non-Reflectorized Traffic Sign	257.99	39.66
10 14 53 11-0116	EA	36" x 60" Steel Non-Reflectorized Traffic Sign	288.41	44.95
10 14 53 11-0117	EA	36" x 73" Steel Non-Reflectorized Traffic Sign	342.00	50.24
10 14 53 11-0118	EA	36" x 78" Steel Non-Reflectorized Traffic Sign	358.55	50.24

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 53 11-0119	EA	36" x 108" Steel Non-Reflectorized Traffic Sign	473.66	58.17
10 14 53 11-0120	EA	42" x 42" Steel Non-Reflectorized Traffic Sign	241.45	39.66
10 14 53 11-0121	EA	48" x 48" Steel Non-Reflectorized Traffic Sign	301.65	44.95
10 14 53 11-0122	EA	48" x 54" Steel Non-Reflectorized Traffic Sign	338.69	50.24
10 14 53 11-0123	EA	48" x 60" Steel Non-Reflectorized Traffic Sign	365.16	50.24
10 14 53 11-0124	EA	48" x 66" Steel Non-Reflectorized Traffic Sign	407.49	58.17
10 14 53 11-0125	EA	48" x 72" Steel Non-Reflectorized Traffic Sign	433.96	58.17
10 14 53 11-0126	EA	48" x 84" Steel Non-Reflectorized Traffic Sign	497.48	63.46
10 14 53 11-0127	EA	48" x 96" Steel Non-Reflectorized Traffic Sign	550.41	63.46
10 14 53 11-0128	EA	48" x 102" Steel Non-Reflectorized Traffic Sign	576.88	63.46
10 14 53 11-0129	EA	48" x 108" Steel Non-Reflectorized Traffic Sign	608.63	66.11
10 14 53 11-0130	EA	60" x 72" Steel Non-Reflectorized Traffic Sign	523.94	63.46
10 14 53 11-0131	EA	72" x 144" Steel Non-Reflectorized Traffic Sign	1,122.08	84.61
10 14 53 11-0132	EA	78" x 96" Steel Non-Reflectorized Traffic Sign	820.38	66.11
10 14 53 11-0133		**Aluminum Non-Reflectorized Traffic Signs** *(10 14 53 11-0080)*		
10 14 53 11-0134	EA	6" x 12" Aluminum Non-Reflectorized Traffic Sign	49.20	21.15
10 14 53 11-0135	EA	6" x 18" Aluminum Non-Reflectorized Traffic Sign	52.64	21.15
10 14 53 11-0136	EA	9" x 12" Aluminum Non-Reflectorized Traffic Sign	52.64	21.15
10 14 53 11-0137	EA	9" x 15" Aluminum Non-Reflectorized Traffic Sign	55.22	21.15
10 14 53 11-0138	EA	9" x 18" Aluminum Non-Reflectorized Traffic Sign	57.81	21.15
10 14 53 11-0139	EA	9" x 24" Aluminum Non-Reflectorized Traffic Sign	65.61	22.48
10 14 53 11-0140	EA	9" x 48" Aluminum Non-Reflectorized Traffic Sign	86.27	22.48
10 14 53 11-0141	EA	12" x 12" Aluminum Non-Reflectorized Traffic Sign	56.08	21.15
10 14 53 11-0142	EA	12" x 18" Aluminum Non-Reflectorized Traffic Sign	65.61	22.48
10 14 53 11-0143	EA	12" x 24" Aluminum Non-Reflectorized Traffic Sign	72.50	22.48
10 14 53 11-0144	EA	12" x 30" Aluminum Non-Reflectorized Traffic Sign	79.38	22.48
10 14 53 11-0145	EA	12" x 36" Aluminum Non-Reflectorized Traffic Sign	86.27	22.48
10 14 53 11-0146	EA	18" x 18" Aluminum Non-Reflectorized Traffic Sign	75.94	22.48
10 14 53 11-0147	EA	18" x 24" Aluminum Non-Reflectorized Traffic Sign	86.27	22.48
10 14 53 11-0148	EA	18" x 30" Aluminum Non-Reflectorized Traffic Sign	99.24	23.80
10 14 53 11-0149	EA	18" x 36" Aluminum Non-Reflectorized Traffic Sign	109.57	23.80
10 14 53 11-0150	EA	18" x 48" Aluminum Non-Reflectorized Traffic Sign	140.81	29.09
10 14 53 11-0151	EA	18" x 54" Aluminum Non-Reflectorized Traffic Sign	151.14	29.09
10 14 53 11-0152	EA	24" x 24" Aluminum Non-Reflectorized Traffic Sign	102.68	23.80
10 14 53 11-0153	EA	24" x 30" Aluminum Non-Reflectorized Traffic Sign	116.46	23.80
10 14 53 11-0154	EA	24" x 36" Aluminum Non-Reflectorized Traffic Sign	130.23	23.80
10 14 53 11-0155	EA	24" x 42" Aluminum Non-Reflectorized Traffic Sign	154.58	29.09
10 14 53 11-0156	EA	24" x 48" Aluminum Non-Reflectorized Traffic Sign	168.36	29.09
10 14 53 11-0157	EA	24" x 54" Aluminum Non-Reflectorized Traffic Sign	182.13	29.09
10 14 53 11-0158	EA	24" x 60" Aluminum Non-Reflectorized Traffic Sign	195.90	29.09
10 14 53 11-0159	EA	30" x 30" Aluminum Non-Reflectorized Traffic Sign	133.67	23.80
10 14 53 11-0160	EA	30" x 36" Aluminum Non-Reflectorized Traffic Sign	161.47	29.09
10 14 53 11-0161	EA	30" x 42" Aluminum Non-Reflectorized Traffic Sign	178.69	29.09
10 14 53 11-0162	EA	30" x 48" Aluminum Non-Reflectorized Traffic Sign	206.47	34.37
10 14 53 11-0163	EA	30" x 60" Aluminum Non-Reflectorized Traffic Sign	251.50	39.66
10 14 53 11-0164	EA	36" x 36" Aluminum Non-Reflectorized Traffic Sign	182.13	29.09
10 14 53 11-0165	EA	36" x 42" Aluminum Non-Reflectorized Traffic Sign	213.36	34.37
10 14 53 11-0166	EA	36" x 48" Aluminum Non-Reflectorized Traffic Sign	244.61	39.66
10 14 53 11-0167	EA	36" x 54" Aluminum Non-Reflectorized Traffic Sign	265.27	39.66
10 14 53 11-0168	EA	36" x 60" Aluminum Non-Reflectorized Traffic Sign	296.50	44.95
10 14 53 11-0169	EA	36" x 73" Aluminum Non-Reflectorized Traffic Sign	351.85	50.24
10 14 53 11-0170	EA	36" x 78" Aluminum Non-Reflectorized Traffic Sign	369.06	50.24
10 14 53 11-0171	EA	36" x 108" Aluminum Non-Reflectorized Traffic Sign	488.22	58.17
10 14 53 11-0172	EA	42" x 42" Aluminum Non-Reflectorized Traffic Sign	248.06	39.66
10 14 53 11-0173	EA	48" x 48" Aluminum Non-Reflectorized Traffic Sign	310.28	44.95
10 14 53 11-0174	EA	48" x 54" Aluminum Non-Reflectorized Traffic Sign	348.40	50.24
10 14 53 11-0175	EA	48" x 60" Aluminum Non-Reflectorized Traffic Sign	375.95	50.24
10 14 53 11-0176	EA	48" x 66" Aluminum Non-Reflectorized Traffic Sign	419.36	58.17
10 14 53 11-0177	EA	48" x 72" Aluminum Non-Reflectorized Traffic Sign	446.90	58.17
10 14 53 11-0178	EA	48" x 84" Aluminum Non-Reflectorized Traffic Sign	512.58	63.46
10 14 53 11-0179	EA	48" x 96" Aluminum Non-Reflectorized Traffic Sign	567.67	63.46
10 14 53 11-0180	EA	48" x 102" Aluminum Non-Reflectorized Traffic Sign	595.22	63.46
10 14 53 11-0181	EA	48" x 108" Aluminum Non-Reflectorized Traffic Sign	628.05	66.11
10 14 53 11-0182	EA	60" x 72" Aluminum Non-Reflectorized Traffic Sign	540.12	63.46
10 14 53 11-0183	EA	72" x 144" Aluminum Non-Reflectorized Traffic Sign	1,160.91	84.61
10 14 53 11-0184	EA	78" x 96" Aluminum Non-Reflectorized Traffic Sign	848.42	66.11
10 14 53 11-0185		**Polyethylene Non-Reflectorized Traffic Signs** *(10 14 53 11-0080)*		
10 14 53 11-0186	EA	6" x 12" Non-Reflective Polyethylene Traffic Sign	70.16	19.88
10 14 53 11-0187	EA	12" x 12" Non-Reflective Polyethylene Traffic Sign	76.58	21.15
10 14 53 11-0188	EA	12" x 18" Non-Reflective Polyethylene Traffic Sign	82.39	22.53
10 14 53 11-0189	EA	18" x 18" Non-Reflective Polyethylene Traffic Sign	106.91	23.80
10 14 53 11-0190	EA	18" x 24" Non-Reflective Polyethylene Traffic Sign	114.47	25.17
10 14 53 11-0191	EA	24" x 24" Non-Reflective Polyethylene Traffic Sign	132.09	26.44
10 14 53 11-0192		**Aluminum Street Signs** *(10 14 53 11-0001)*		
		Note: Excludes posts.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 53 11-0193		**Aluminum Engineer Grade Street Signs** *(10 14 53 11-0192)*		
10 14 53 11-0194	EA	6" High, Aluminum Engineer Grade Street Sign	84.45	10.57
		For Hi-Intensity Grade, Add	*18.99*	
10 14 53 11-0195	EA	8" High, Aluminum Engineer Grade Street Sign	95.62	10.57
		For Hi-Intensity Grade, Add	*22.34*	
10 14 53 11-0196	EA	9" High, Aluminum Engineer Grade Street Sign	103.94	10.57
		For Hi-Intensity Grade, Add	*24.84*	
10 14 53 11-0197		**Street Sign Accessories** *(10 14 53 11-0192)*		
10 14 53 11-0198	EA	Single Bracket And Post Cap For Street Sign	25.80	5.29
10 14 53 11-0199	EA	Double Bracket And Post Cap For Street Sign	25.80	5.29
10 14 53 11-0200		**Sign Posts** *(10 14 53 11-0001)*		
		Note: Excludes sign. See CSI section 32 31 13 13-0001 for auguring of holes and backfill.		
10 14 53 11-0201		**U-Channel Sign Posts** *(10 14 53 11-0200)*		
		Note: Excludes digging and concrete.		
10 14 53 11-0202		**Baked Enamel U-Channel Sign Posts** *(10 14 53 11-0201)*		
10 14 53 11-0203	EA	3' To 4' Baked Enamel U-Channel Sign Post Base	69.45	21.52
10 14 53 11-0204	EA	6' Baked Enamel U-Channel Sign Post	90.93	26.89
10 14 53 11-0205	EA	7' Baked Enamel U-Channel Sign Post	108.61	32.27
10 14 53 11-0206	EA	8' Baked Enamel U-Channel Sign Post	127.14	37.65
10 14 53 11-0207	EA	10' Baked Enamel U-Channel Sign Post	153.47	45.72
10 14 53 11-0208	EA	12' Baked Enamel U-Channel Sign Post	157.70	45.72
10 14 53 11-0209		**Galvanized Steel U-Channel Sign Posts** *(10 14 53 11-0201)*		
10 14 53 11-0210	EA	3' To 4' Galvanized Steel U-Channel Sign Post Base	74.89	21.52
10 14 53 11-0211	EA	6' Galvanized Steel U-Channel Sign Post	99.57	26.89
10 14 53 11-0212	EA	7' Galvanized Steel U-Channel Sign Post	128.16	32.27
10 14 53 11-0213	EA	8' Galvanized Steel U-Channel Sign Post	148.75	37.65
10 14 53 11-0214	EA	10' Galvanized Steel U-Channel Sign Post	169.20	45.72
10 14 53 11-0215	EA	12' Galvanized Steel U-Channel Sign Post	171.39	45.72
10 14 53 11-0216		**Fiberglass Or Composite Plastic U-Channel Sign Posts** *(10 14 53 11-0201)*		
10 14 53 11-0217	EA	3' To 4' Fiberglass Or Composite Plastic U-Channel Sign Post Base	68.17	21.52
10 14 53 11-0218	EA	6' Fiberglass Or Composite Plastic U-Channel Sign Post	88.14	26.89
10 14 53 11-0219	EA	7' Fiberglass Or Composite Plastic U-Channel Sign Post	105.24	32.27
10 14 53 11-0220	EA	8' Fiberglass Or Composite Plastic U-Channel Sign Post	123.12	37.65
10 14 53 11-0221	EA	10' Fiberglass Or Composite Plastic U-Channel Sign Post	146.18	45.72
10 14 53 11-0222	EA	12' Fiberglass Or Composite Plastic U-Channel Sign Post	153.38	45.72
10 14 53 11-0223		**Tubular Sign Posts** *(10 14 53 11-0200)*		
		Note: Excludes digging and concrete.		
10 14 53 11-0224		**2-3/8" Diameter, Galvanized Steel Tubular Sign Post** *(10 14 53 11-0223)*		
10 14 53 11-0225	EA	6', 2-3/8" Diameter, Galvanized Steel Tubular Sign Post	100.47	26.89
10 14 53 11-0226	EA	7', 2-3/8" Diameter, Galvanized Steel Tubular Sign Post	119.29	32.27
10 14 53 11-0227	EA	8', 2-3/8" Diameter, Galvanized Steel Tubular Sign Post	140.83	37.65
10 14 53 11-0228	EA	10', 2-3/8" Diameter, Galvanized Steel Tubular Sign Post	181.02	45.72
10 14 53 11-0229	EA	12', 2-3/8" Diameter, Galvanized Steel Tubular Sign Post	195.86	45.72
10 14 53 11-0230		**Square Sign Posts** *(10 14 53 11-0200)*		
		Note: Excludes digging and concrete.		
10 14 53 11-0231		**Galvanized Steel Square Sign Posts** *(10 14 53 11-0230)*		
10 14 53 11-0232	EA	3' To 4' Galvanized Steel Square Sign Post Base	76.10	21.52
10 14 53 11-0233	EA	6' Galvanized Steel Square Sign Post	120.04	26.89
10 14 53 11-0234	EA	7' Galvanized Steel Square Sign Post	140.90	32.27
10 14 53 11-0235	EA	8' Galvanized Steel Square Sign Post	164.34	37.65
10 14 53 11-0236	EA	10' Galvanized Steel Square Sign Post	200.64	45.72
10 14 53 11-0237	EA	12' Galvanized Steel Square Sign Post	211.00	45.72
10 14 53 11-0238		**Sign Post Accessories** *(10 14 53 11-0001)*		
10 14 53 11-0239		**Sign Post Brackets** *(10 14 53 11-0238)*		
10 14 53 11-0240	EA	2-3/8" Outside Diameter, Single Side Sign Bracket Set	50.51	7.93
		Note: Includes 2 single side sign post brackets		
10 14 53 11-0241	EA	2-3/8" Outside Diameter, Double Side Sign Bracket Set	68.07	13.22
		Note: Includes 2 double side sign post brackets		
10 14 53 11-0242	EA	4" To 12" Diameter, Buckle Bracket Set	61.27	10.57
		Note: Includes 2 stainless steel straps, 2 brackets and fastener hardware		
10 14 53 11-0243		**Sign Post Caps** *(10 14 53 11-0238)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 53 11-0244	EA	2-3/8" Diameter, Galvanized, Flat Traffic Sign Post Cap (EC-2)	23.49	5.29
10 14 53 11-0245		**Sign Post Replacement Bolts** *(10 14 53 11-0238)*		
10 14 53 11-0246	EA	Signage Fasteners Replacement Note: Includes two 5/16" x 2" long bolts, two 5/16" nuts And four 5/16" washers	16.76	
10 14 53 11-0247		**Removal Of Signs** *(10 14 53 11)* Note: Includes structural supports.		
10 14 53 11-0248	EA	>4 To 10 SF Sign Area, Sign Removal	211.53	
10 14 53 11-0249	EA	>10 To 20 SF Sign Area, Sign Removal	507.66	
10 14 53 11-0250	EA	>20 To 40 SF Sign Area, Sign Removal	761.49	
10 14 53 11-0251	EA	>40 To 100 SF Sign Area, Sign Removal	1,175.33	
10 14 53 11-0252		**Removal And Reinstallation Of Signs** *(10 14 53 11)* Note: Includes structural supports.		
10 14 53 11-0253	EA	>4 To 10 SF Sign Area, Removal And Reinstallation Of Sign	322.04	
10 14 53 11-0254	EA	>10 To 20 SF Sign Area, Removal And Reinstallation Of Sign	764.88	
10 14 53 11-0255	EA	>20 SF To 40 SF Sign Area, Removal And Reinstallation Of Sign	1,145.13	
10 14 53 11-0256	EA	>40 SF To 100 SF Sign Area, Removal And Reinstallation Of Sign	1,765.69	
10 14 53 11-0257	EA	Removal And Reinstallation Of Street Sign On Post	121.63	
10 14 53 11-0258	EA	Removal And Relocation Of Traffic Light Note: Excludes electrical hookup.	420.84	
10 14 56		**Bridge Signage** *(10 14)*		
10 14 56 00-0001		**Bridge And Truss Mounted Signs** *(10 14 56)*		
10 14 56 00-0002		**Fabricate And Install Bridge And Truss Mounted Signs** *(10 14 56 00-0001)*		
10 14 56 00-0003	LF	Telescoping Steel Ground Posts	106.87	
10 14 56 00-0004	LF	Overhead Steel Mounting Framework	1,821.75	
10 14 56 00-0005	LB	Ground Mounted Steel Structure	7.17	
10 14 56 00-0006		**Fabricate And Install New 12" Extruded Aluminum Channel** *(10 14 56 00-0001)* Note: Includes reflective face with reflective legend.		
10 14 56 00-0007	SF	1 To 49.9 SF, 12" Extruded Aluminum Channel Including Reflective Face With Reflective Legend	135.59	
10 14 56 00-0008	SF	50 To 99.9 SF, 12" Extruded Aluminum Channel Including Reflective Face With Reflective Legend	120.83	
10 14 56 00-0009	SF	100 To 149.9 SF, 12" Extruded Aluminum Channel Including Reflective Face With Reflective Legend	108.03	
10 14 56 00-0010	SF	>150 SF, 12" Extruded Aluminum Channel Including Reflective Face With Reflective Legend	97.07	
10 14 63		**Electronic Message Signage** *(10 14)*		
10 14 63 00-0001		**Dynamic Signs** *(10 14 63)*		
10 14 63 00-0002		**Fabricate And Install New Sign Face Components** *(10 14 63 00-0001)*		
10 14 63 00-0003		**Disappearing Copy Sign** *(10 14 63 00-0002)*		
10 14 63 00-0004	SF	1 To 49.9 SF, Disappearing Copy Sign	47.68	
10 14 63 00-0005	SF	=>50 SF, Disappearing Copy Sign	34.35	

10 20 Interior Specialties *(10)*

10 21 Compartments and Cubicles *(10 20)*

10 21 13 Toilet Compartments *(10 21)*

10 21 13 13 Metal Toilet Compartments *(10 21 13)*

10 21 13 13-0001		**Enamel Coated Steel Toilet Partitions And Urinal Screens** *(10 21 13 13)* Note: Complete toilet partitions for corner installations. Includes 1" door, 1-1/4" pilaster, 1" separator panel, trim shoes, and standard stainless steel hardware as required. For alcove, recessed or configurations other than corner installations use either: (1) the appropriate corner unit and add individual components or (2) individual components. Individual components include trim shoes and standard stainless steel hardware as required. Constructed of galvanized sheet metal, cleaned, primed and finished with oven baked enamel or epoxy coating.		
10 21 13 13-0002		**Enamel Coated Steel Toilet Partitions** *(10 21 13 13-0001)* Note: All colors.		
10 21 13 13-0003		**Floor Anchored, Enamel Coated Steel, Complete Toilet Partitions** *(10 21 13 13-0002)*		
10 21 13 13-0004	EA	36" x 60", Floor Anchored, Enamel Coated Steel, One Compartment Corner Unit, Complete Toilet Partition	1,078.12	133.84
		For >10, Deduct	*-81.04*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*241.76*	
10 21 13 13-0005	EA	60" x 60", Floor Anchored, Enamel Coated Steel, One Compartment Corner Unit, Complete Americans With Disabilities Act Compliant Toilet Partition	1,304.04	145.75
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*241.76*	
10 21 13 13-0006	EA	60" x 78", Floor Anchored, Enamel Coated Steel, One Compartment Corner Unit, Complete Americans With Disabilities Act Compliant Toilet Partition	1,392.79	151.70
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*241.76*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 13-0007		**Overhead Braced, Enamel Coated Steel, Complete Toilet Partitions** *(10 21 13 13-0002)*		
		Note: Includes headrail.		
10 21 13 13-0008	EA	36" x 60", Overhead Braced, Enamel Coated Steel, One Compartment Corner Unit, Complete Toilet Partition	1,122.20	163.60
		For >10, Deduct	*-79.50*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*241.76*	
10 21 13 13-0009	EA	60" x 60", Overhead Braced, Enamel Coated Steel, One Compartment Corner Unit, Complete Americans With Disabilities Act Compliant Toilet Partition	1,303.86	175.49
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*241.76*	
10 21 13 13-0010	EA	60" x 78", Overhead Braced, Enamel Coated Steel, One Compartment Corner Unit, Complete Americans With Disabilities Act Compliant Toilet Partition	1,378.34	181.44
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*241.76*	
10 21 13 13-0011		**Floor And Ceiling Anchored, Enamel Coated Steel, Complete Toilet Partitions** *(10 21 13 13-0002)*		
		Note: Excludes above ceiling steel.		
10 21 13 13-0012	EA	36" x 60", Floor And Ceiling Anchored, Enamel Coated Steel, One Compartment Corner Unit, Complete Toilet Partition	1,324.52	193.34
		For >10, Deduct	*-93.78*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*241.76*	
10 21 13 13-0013	EA	60" x 60", Floor And Ceiling Anchored, Enamel Coated Steel, One Compartment Corner Unit, Complete Americans With Disabilities Act Compliant Toilet Partition	1,544.45	205.24
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*241.76*	
10 21 13 13-0014	EA	60" x 78", Floor And Ceiling Anchored, Enamel Coated Steel, One Compartment Corner Unit, Complete Americans With Disabilities Act Compliant Toilet Partition	1,622.24	211.18
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*241.76*	
10 21 13 13-0015		**Ceiling Hung, Enamel Coated Steel, Complete Toilet Partitions** *(10 21 13 13-0002)*		
		Note: Excludes above ceiling steel.		
10 21 13 13-0016	EA	36" x 60", Ceiling Hung, Enamel Coated Steel, One Compartment Corner Unit, Complete Toilet Partition	1,279.68	223.08
		For >10, Deduct	*-83.35*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*241.76*	
10 21 13 13-0017	EA	60" x 60", Ceiling Hung, Enamel Coated Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,536.41	234.98
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*241.76*	
10 21 13 13-0018	EA	60" x 78", Ceiling Hung, Enamel Coated Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,622.91	240.93
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*241.76*	
10 21 13 13-0019		**Enamel Coated Steel Urinal Screens** *(10 21 13 13-0001)*		
		Note: All colors.		
10 21 13 13-0020		**Floor Anchored, Enamel Coated Steel, Urinal Screens** *(10 21 13 13-0019)*		
10 21 13 13-0021	EA	24" x 58" x 1", Floor Anchored, Enamel Coated Steel, Urinal Screen	570.74	83.26
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
10 21 13 13-0022	EA	36" x 58" x 1", Floor Anchored, Enamel Coated Steel, Urinal Screen	632.70	89.20
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
10 21 13 13-0023	EA	48" x 58" x 1", Floor Anchored, Enamel Coated Steel, Urinal Screen	696.56	95.15
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
10 21 13 13-0024		**Wall Hung, Enamel Coated Steel, Urinal Screens** *(10 21 13 13-0019)*		
10 21 13 13-0025	EA	18" x 42" x 1", Wall Hung, Enamel Coated Steel, Urinal Screen	323.67	71.35
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
10 21 13 13-0026	EA	24" x 42" x 1", Wall Hung, Enamel Coated Steel, Urinal Screen	349.04	77.31
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
10 21 13 13-0027	EA	30" x 42" x 1", Wall Hung, Enamel Coated Steel, Urinal Screen	368.61	83.26
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
10 21 13 13-0028		**Wall Hung, Wedge Shaped, Enamel Coated Steel, Urinal Screens** *(10 21 13 13-0019)*		
10 21 13 13-0029	EA	18" x 30" x 1", Wall Hung, Wedge Shaped, Enamel Coated Steel, Urinal Screen	418.26	77.31
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
10 21 13 13-0030		**Wall Hung And Post Supported, Enamel Coated Steel, Urinal Screens** *(10 21 13 13-0019)*		
10 21 13 13-0031	EA	18" x 58" x 1", Wall Hung And Post Supported, Enamel Coated Steel, Urinal Screen	468.39	77.31
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
10 21 13 13-0032	EA	24" x 58" x 1", Wall Hung And Post Supported, Enamel Coated Steel, Urinal Screen	499.52	83.26
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
10 21 13 13-0033	EA	30" x 58" x 1", Wall Hung And Post Supported, Enamel Coated Steel, Urinal Screen	530.67	89.20
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
10 21 13 13-0034		**Wall Hung And Overhead Braced, Enamel Coated Steel, Urinal Screens** *(10 21 13 13-0019)*		
10 21 13 13-0035	EA	22" x 58" x 1", Wall Hung And Overhead Braced, Enamel Coated Steel, Urinal Screen	528.39	83.26
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 13-0036	EA	34" x 58" x 1", Wall Hung And Overhead Braced, Enamel Coated Steel, Urinal Screen	567.24	89.20
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
10 21 13 13-0037	EA	46" x 58" x 1", Wall Hung And Overhead Braced, Enamel Coated Steel, Urinal Screen	627.27	95.15
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
10 21 13 13-0038		**Enamel Coated Steel Toilet Partition Doors, Panels And Pilasters** *(10 21 13 13-0001)*		
		Note: All colors. See CSI section 10 21 13 43-0000 for accessories, 10 21 13 43-0001 for other accessories.		
10 21 13 13-0039		**Enamel Coated Steel, Toilet Partition Doors** *(10 21 13 13-0038)*		
10 21 13 13-0040	EA	24" x 58" x 1", Enamel Coated Steel, Toilet Partition Door	340.19	23.79
		For Heavy Gauge Full-Height SS Hinge, Add	*107.79*	
10 21 13 13-0041	EA	26" x 58" x 1", Enamel Coated Steel, Toilet Partition Door	347.89	23.79
		For Heavy Gauge Full-Height SS Hinge, Add	*107.79*	
10 21 13 13-0042	EA	30" x 58" x 1", Enamel Coated Steel, Toilet Partition Door	368.78	25.58
		For Heavy Gauge Full-Height SS Hinge, Add	*107.79*	
10 21 13 13-0043	EA	34" x 58" x 1", Enamel Coated Steel, ADA Compliant Toilet Partition Door	403.44	25.58
		For Heavy Gauge Full-Height SS Hinge, Add	*107.79*	
10 21 13 13-0044	EA	36" x 58" x 1", Enamel Coated Steel, ADA Compliant Toilet Partition Door	411.14	25.58
		For Heavy Gauge Full-Height SS Hinge, Add	*107.79*	
10 21 13 13-0045		**Enamel Coated Steel, Toilet Partition Panels** *(10 21 13 13-0038)*		
10 21 13 13-0046	EA	6" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel	244.63	35.69
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
10 21 13 13-0047	EA	12" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel	269.84	38.67
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
10 21 13 13-0048	EA	18" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel	295.04	41.64
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
10 21 13 13-0049	EA	24" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel	320.24	44.62
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
10 21 13 13-0050	EA	30" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel	345.44	47.59
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
10 21 13 13-0051	EA	36" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel	370.63	50.57
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
10 21 13 13-0052	EA	42" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel	393.90	53.54
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
10 21 13 13-0053	EA	48" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel	419.11	56.52
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
10 21 13 13-0054	EA	55" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel	436.60	59.48
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
10 21 13 13-0055	EA	58" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel	446.67	60.68
		For Panel Reinforced At ADA Grab Bar, Add	*42.00*	
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
10 21 13 13-0056	EA	60" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel	459.88	62.46
		For Panel Reinforced At ADA Grab Bar, Add	*42.00*	
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
10 21 13 13-0057	EA	70" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel	502.40	65.43
		For Panel Reinforced At ADA Grab Bar, Add	*42.00*	
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
10 21 13 13-0058	EA	78" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel	539.14	68.41
		For Panel Reinforced At ADA Grab Bar, Add	*42.00*	
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
10 21 13 13-0059		**70" Long, Enamel Coated Steel, Toilet Partition Pilasters** *(10 21 13 13-0038)*		
10 21 13 13-0060	EA	Up To 4" x 70" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	185.84	17.85
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
10 21 13 13-0061	EA	5" x 70" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	205.26	20.82
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
10 21 13 13-0062	EA	6" x 70" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	226.61	23.79
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
10 21 13 13-0063	EA	8" x 70" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	263.36	26.77
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
10 21 13 13-0064	EA	10" x 70" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	298.18	29.74
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
10 21 13 13-0065	EA	12" x 70" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	333.01	32.72
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
10 21 13 13-0066	EA	18" x 70" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	429.43	35.69
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
10 21 13 13-0067	EA	22" x 70" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	493.14	38.67
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
10 21 13 13-0068	EA	24" x 70" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	529.89	41.64
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
10 21 13 13-0069		**82" Long, Enamel Coated Steel, Toilet Partition Pilasters** *(10 21 13 13-0038)*		
10 21 13 13-0070	EA	Up To 4" x 82" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	149.27	17.85
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
10 21 13 13-0071	EA	5" x 82" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	162.92	20.82
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
10 21 13 13-0072	EA	6" x 82" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	178.49	23.79
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 13-0073	EA	8" x 82" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	201.76	26.77
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
10 21 13 13-0074	EA	10" x 82" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	223.10	29.74
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
10 21 13 13-0075	EA	12" x 82" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	246.38	32.72
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
10 21 13 13-0076	EA	18" x 82" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	304.30	35.69
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
10 21 13 13-0077	EA	22" x 82" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	342.99	38.67
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
10 21 13 13-0078	EA	24" x 82" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	366.27	41.64
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	

10 21 13 13-0079 96" To 120" Long, Enamel Coated Steel, Partition Pilasters *(10 21 13 13-0038)*

10 21 13 13-0080	EA	Up To 4" x 96" To 120" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	207.37	23.79
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
10 21 13 13-0081	EA	5" x 96" To 120" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	226.79	26.77
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
10 21 13 13-0082	EA	6" x 96" To 120" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	248.13	29.74
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
10 21 13 13-0083	EA	8" x 96" To 120" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	284.88	32.72
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
10 21 13 13-0084	EA	10" x 96" To 120" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	319.70	35.69
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
10 21 13 13-0085	EA	12" x 96" To 120" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	354.54	38.67
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
10 21 13 13-0086	EA	18" x 96" To 120" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	450.97	41.64
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
10 21 13 13-0087	EA	22" x 96" To 120" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	514.66	44.62
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
10 21 13 13-0088	EA	24" x 96" To 120" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster	551.41	47.59
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	

10 21 13 14 Stainless-Steel Toilet Compartments *(10 21 13)*

10 21 13 14-0001 Stainless Steel Toilet Partitions And Urinal Screens *(10 21 13 14)*

Note: Complete toilet partitions for corner installations. Includes 1" door, 1-1/4" pilaster, 1" separator panel, trim shoes, and standard stainless steel hardware as required. For alcove, recessed or configurations other than corner installations use either: (1) the appropriate corner unit and add individual components or (2) individual components. Individual components include trim shoes and standard stainless steel hardware as required. Constructed of type 304 stainless steel. Includes satin finish.

10 21 13 14-0002 Stainless Steel Toilet Partitions *(10 21 13 14-0001)*

10 21 13 14-0003 Floor Anchored, Stainless Steel, Complete Toilet Partitions *(10 21 13 14-0002)*

10 21 13 14-0004	EA	36" x 60", Floor Anchored, Stainless Steel, One Compartment Corner Unit, Complete Toilet Partition	2,483.30	133.84
		For >10, Deduct	*-221.56*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*241.76*	
		For Diamond Pattern Finish, Add	*775.46*	
10 21 13 14-0005	EA	60" x 60", Floor Anchored, Stainless Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,998.47	145.75
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*241.76*	
		For Diamond Pattern Finish, Add	*947.44*	
10 21 13 14-0006	EA	60" x 78", Floor Anchored, Stainless Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	3,140.59	151.70
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*241.76*	
		For Diamond Pattern Finish, Add	*993.02*	

10 21 13 14-0007 Overhead Braced, Stainless Steel, Complete Toilet Partitions *(10 21 13 14-0002)*

Note: Includes headrail.

10 21 13 14-0008	EA	36" x 60", Overhead Braced, Stainless Steel, One Compartment Corner Unit, Complete Toilet Partition	2,102.55	163.60
		For >10, Deduct	*-177.54*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*241.76*	
		For Diamond Pattern Finish, Add	*621.38*	
10 21 13 14-0009	EA	60" x 60", Overhead Braced, Stainless Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,559.31	175.49
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*241.76*	
		For Diamond Pattern Finish, Add	*772.92*	
10 21 13 14-0010	EA	60" x 78", Overhead Braced, Stainless Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,788.89	181.44
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*241.76*	
		For Diamond Pattern Finish, Add	*849.10*	

10 21 13 14-0011 Floor And Ceiling Anchored, Stainless Steel, Complete Toilet Partitions *(10 21 13 14-0002)*

Note: Excludes above ceiling steel.

10 21 13 14-0012	EA	36" x 60", Floor And Ceiling Anchored, Stainless Steel, One Compartment Corner Unit, Complete Toilet Partition	2,912.34	193.34
		For >10, Deduct	*-252.57*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*241.76*	
		For Diamond Pattern Finish, Add	*883.98*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 14-0013	EA	60" x 60", Floor And Ceiling Anchored, Stainless Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	3,123.60	205.24
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*241.76*	
		For Diamond Pattern Finish, Add	*949.60*	
10 21 13 14-0014	EA	60" x 78", Floor And Ceiling Anchored, Stainless Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	3,269.87	211.18
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*241.76*	
		For Diamond Pattern Finish, Add	*996.63*	

10 21 13 14-0015 Ceiling Hung, Stainless Steel, Complete Toilet Partitions *(10 21 13 14-0002)*

Note: Excludes above ceiling steel.

10 21 13 14-0016	EA	36" x 60", Ceiling Hung, Stainless Steel, One Compartment Corner Unit, Complete Toilet Partition	2,915.38	223.08
		For >10, Deduct	*-246.92*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*241.76*	
		For Diamond Pattern Finish, Add	*864.23*	
10 21 13 14-0017	EA	60" x 60", Ceiling Hung, Stainless Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	3,548.56	234.98
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*241.76*	
		For Diamond Pattern Finish, Add	*1,077.51*	
10 21 13 14-0018	EA	60" x 78", Ceiling Hung, Stainless Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	3,731.39	240.93
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*241.76*	
		For Diamond Pattern Finish, Add	*1,137.34*	

10 21 13 14-0019 Stainless Steel Urinal Screens *(10 21 13 14-0001)*

10 21 13 14-0020 Floor Anchored, Stainless Steel, Urinal Screens *(10 21 13 14-0019)*

10 21 13 14-0021	EA	24" x 58" x 1", Floor Anchored, Stainless Steel, Urinal Screen	819.67	83.26
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For Diamond Pattern Finish, Add	*228.61*	
10 21 13 14-0022	EA	36" x 58" x 1", Floor Anchored, Stainless Steel, Urinal Screen	927.83	89.20
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For Diamond Pattern Finish, Add	*262.30*	
10 21 13 14-0023	EA	48" x 58" x 1", Floor Anchored, Stainless Steel, Urinal Screen	947.60	95.15
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For Diamond Pattern Finish, Add	*265.06*	

10 21 13 14-0024 Wall Hung, Stainless Steel, Urinal Screens *(10 21 13 14-0019)*

10 21 13 14-0025	EA	18" x 42" x 1", Wall Hung, Stainless Steel, Urinal Screen	606.11	71.35
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For Diamond Pattern Finish, Add	*162.19*	
10 21 13 14-0026	EA	24" x 42" x 1", Wall Hung, Stainless Steel, Urinal Screen	655.86	77.31
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For Diamond Pattern Finish, Add	*175.43*	
10 21 13 14-0027	EA	30" x 42" x 1", Wall Hung, Stainless Steel, Urinal Screen	715.99	83.26
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For Diamond Pattern Finish, Add	*192.33*	

10 21 13 14-0028 Wall Hung And Post Supported, Stainless Steel, Urinal Screens *(10 21 13 14-0019)*

10 21 13 14-0029	EA	18" x 58" x 1", Wall Hung And Post Supported, Stainless Steel, Urinal Screen	983.91	77.31
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For Diamond Pattern Finish, Add	*290.26*	
10 21 13 14-0030	EA	24" x 58" x 1", Wall Hung And Post Supported, Stainless Steel, Urinal Screen	1,031.25	83.26
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For Diamond Pattern Finish, Add	*302.66*	
10 21 13 14-0031	EA	30" x 58" x 1", Wall Hung And Post Supported, Stainless Steel, Urinal Screen	1,078.37	89.20
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For Diamond Pattern Finish, Add	*314.99*	

10 21 13 14-0032 Wall Hung And Overhead Braced, Stainless Steel, Urinal Screens *(10 21 13 14-0019)*

10 21 13 14-0033	EA	22" x 58" x 1", Wall Hung And Overhead Braced, Stainless Steel, Urinal Screen	819.67	83.26
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For Diamond Pattern Finish, Add	*228.61*	
10 21 13 14-0034	EA	34" x 58" x 1", Wall Hung And Overhead Braced, Stainless Steel, Urinal Screen	927.82	89.20
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For Diamond Pattern Finish, Add	*262.30*	
10 21 13 14-0035	EA	46" x 58" x 1", Wall Hung And Overhead Braced, Stainless Steel, Urinal Screen	1,040.50	95.15
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For Diamond Pattern Finish, Add	*297.57*	

10 21 13 14-0036 Stainless Steel Toilet Partition Doors, Panels And Pilasters *(10 21 13 14-0001)*

See CSI section 10 21 13 43-0000 for accessories, 10 21 13 43-0001 for other accessories.

10 21 13 14-0037 Stainless Steel, Toilet Partition Doors *(10 21 13 14-0036)*

10 21 13 14-0038	EA	24" x 58" x 1", Stainless Steel, Toilet Partition Door	541.70	23.79
		For Heavy Gauge Full-Height SS Hinge, Add	*107.79*	
		For Diamond Pattern Finish, Add	*172.94*	
10 21 13 14-0039	EA	26" x 58" x 1", Stainless Steel, Toilet Partition Door	619.74	23.79
		For Heavy Gauge Full-Height SS Hinge, Add	*107.79*	
		For Diamond Pattern Finish, Add	*200.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 14-0040	EA	30" x 58" x 1", Stainless Steel, Toilet Partition Door	636.50	26.77
		For Heavy Gauge Full-Height SS Hinge, Add	*107.79*	
		For Diamond Pattern Finish, Add	*204.04*	
10 21 13 14-0041	EA	34" x 58" x 1", Stainless Steel, ADA Compliant Toilet Partition Door	659.03	26.77
		For Heavy Gauge Full-Height SS Hinge, Add	*107.79*	
		For Diamond Pattern Finish, Add	*211.92*	
10 21 13 14-0042	EA	36" x 58" x 1", Stainless Steel, ADA Compliant Toilet Partition Door	665.30	26.77
		For Heavy Gauge Full-Height SS Hinge, Add	*107.79*	
		For Diamond Pattern Finish, Add	*214.12*	
10 21 13 14-0043		**Stainless Steel, Toilet Partition Panels** *(10 21 13 14-0036)*		
10 21 13 14-0044	EA	6" x 58" x 1", Stainless Steel, Toilet Partition Panel	467.86	35.69
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For Diamond Pattern Finish, Add	*138.77*	
10 21 13 14-0045	EA	12" x 58" x 1", Stainless Steel, Toilet Partition Panel	519.62	38.67
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For Diamond Pattern Finish, Add	*154.80*	
10 21 13 14-0046	EA	18" x 58" x 1", Stainless Steel, Toilet Partition Panel	541.40	41.64
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For Diamond Pattern Finish, Add	*160.34*	
10 21 13 14-0047	EA	24" x 58" x 1", Stainless Steel, Toilet Partition Panel	566.18	44.62
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For Diamond Pattern Finish, Add	*166.93*	
10 21 13 14-0048	EA	30" x 58" x 1", Stainless Steel, Toilet Partition Panel	607.70	47.59
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For Diamond Pattern Finish, Add	*179.38*	
10 21 13 14-0049	EA	36" x 58" x 1", Stainless Steel, Toilet Partition Panel	655.98	50.57
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For Diamond Pattern Finish, Add	*194.20*	
10 21 13 14-0050	EA	42" x 58" x 1", Stainless Steel, Toilet Partition Panel	767.53	53.54
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For Diamond Pattern Finish, Add	*231.16*	
10 21 13 14-0051	EA	48" x 58" x 1", Stainless Steel, Toilet Partition Panel	840.41	56.52
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For Diamond Pattern Finish, Add	*254.58*	
10 21 13 14-0052	EA	55" x 58" x 1", Stainless Steel, Toilet Partition Panel	862.21	59.48
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For Diamond Pattern Finish, Add	*260.13*	
10 21 13 14-0053	EA	58" x 58" x 1", Stainless Steel, Toilet Partition Panel	905.09	60.68
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For Diamond Pattern Finish, Add	*274.31*	
10 21 13 14-0054	EA	60" x 58" x 1", Stainless Steel, Toilet Partition Panel	961.50	62.46
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For Diamond Pattern Finish, Add	*292.80*	
10 21 13 14-0055	EA	70" x 58" x 1", Stainless Steel, Toilet Partition Panel	1,007.45	65.43
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For Diamond Pattern Finish, Add	*306.80*	
10 21 13 14-0056	EA	78" x 58" x 1", Stainless Steel, Toilet Partition Panel	1,105.49	68.41
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For Diamond Pattern Finish, Add	*339.03*	
10 21 13 14-0057		**70" Long, Stainless Steel, Toilet Partition Pilasters** *(10 21 13 14-0036)*		
10 21 13 14-0058	EA	Up To 4" x 70" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	324.53	17.85
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For Diamond Pattern Finish, Add	*101.09*	
10 21 13 14-0059	EA	5" x 70" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	353.37	20.82
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For Diamond Pattern Finish, Add	*109.11*	
10 21 13 14-0060	EA	6" x 70" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	383.98	23.79
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For Diamond Pattern Finish, Add	*117.74*	
10 21 13 14-0061	EA	8" x 70" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	437.48	26.77
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For Diamond Pattern Finish, Add	*134.38*	
10 21 13 14-0062	EA	10" x 70" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	490.98	29.74
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For Diamond Pattern Finish, Add	*151.03*	
10 21 13 14-0063	EA	12" x 70" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	544.48	32.72
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For Diamond Pattern Finish, Add	*167.67*	
10 21 13 14-0064	EA	18" x 70" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	691.33	35.69
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For Diamond Pattern Finish, Add	*216.98*	
10 21 13 14-0065	EA	22" x 70" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	792.39	38.67
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For Diamond Pattern Finish, Add	*250.27*	
10 21 13 14-0066	EA	24" x 70" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	845.89	41.64
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For Diamond Pattern Finish, Add	*266.91*	
10 21 13 14-0067		**82" Long, Stainless Steel, Toilet Partition Pilasters** *(10 21 13 14-0036)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 14-0068	EA	Up To 4" x 82" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	247.99	17.85
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For Diamond Pattern Finish, Add	*74.31*	
10 21 13 14-0069	EA	5" x 82" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	268.47	20.82
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For Diamond Pattern Finish, Add	*79.39*	
10 21 13 14-0070	EA	6" x 82" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	289.69	23.79
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For Diamond Pattern Finish, Add	*84.74*	
10 21 13 14-0071	EA	8" x 82" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	376.21	26.77
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For Diamond Pattern Finish, Add	*112.93*	
10 21 13 14-0072	EA	10" x 82" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	424.61	29.74
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For Diamond Pattern Finish, Add	*127.80*	
10 21 13 14-0073	EA	12" x 82" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	439.37	32.72
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For Diamond Pattern Finish, Add	*130.88*	
10 21 13 14-0074	EA	18" x 82" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	497.89	35.69
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For Diamond Pattern Finish, Add	*149.28*	
10 21 13 14-0075	EA	22" x 82" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	561.67	38.67
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For Diamond Pattern Finish, Add	*169.52*	
10 21 13 14-0076	EA	24" x 82" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	596.30	41.64
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For Diamond Pattern Finish, Add	*179.55*	

10 21 13 14-0077 96" To 120" Long, Stainless Steel, Toilet Partition Pilasters *(10 21 13 14-0036)*

10 21 13 14-0078	EA	Up To 4" x 96" To 120" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	355.80	23.79
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For Diamond Pattern Finish, Add	*107.87*	
10 21 13 14-0079	EA	5" x 96" To 120" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	389.93	26.77
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For Diamond Pattern Finish, Add	*117.74*	
10 21 13 14-0080	EA	6" x 96" To 120" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	422.29	29.74
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For Diamond Pattern Finish, Add	*126.98*	
10 21 13 14-0081	EA	8" x 96" To 120" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	484.60	32.72
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For Diamond Pattern Finish, Add	*146.71*	
10 21 13 14-0082	EA	10" x 96" To 120" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	545.15	35.69
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For Diamond Pattern Finish, Add	*165.82*	
10 21 13 14-0083	EA	12" x 96" To 120" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	605.70	38.67
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For Diamond Pattern Finish, Add	*184.93*	
10 21 13 14-0084	EA	18" x 96" To 120" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	778.97	41.64
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For Diamond Pattern Finish, Add	*243.49*	
10 21 13 14-0085	EA	22" x 96" To 120" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	894.11	44.62
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For Diamond Pattern Finish, Add	*281.70*	
10 21 13 14-0086	EA	24" x 96" To 120" x 1-1/4", Stainless Steel, Toilet Partition Pilaster	956.42	47.59
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For Diamond Pattern Finish, Add	*301.43*	

10 21 13 16 Plastic-Laminate-Clad Toilet Compartments *(10 21 13)*

10 21 13 16-0001 Laminated Plastic Toilet Partitions And Urinal Screens *(10 21 13 16)*

Note: Complete toilet partitions for corner installations. Includes 1" door, 1" pilaster, 1" separator panel, trim shoes, and standard stainless steel hardware as required. For alcove, recessed or configurations other than corner installations use either: (1) the appropriate corner unit and add individual components or (2) individual components. Individual components include trim shoes and standard stainless steel hardware as required. Constructed of a sandwich of high pressure decorative plastic laminate bonded to a solid industrial-grade particle board.

10 21 13 16-0002 Laminated Plastic Toilet Partitions *(10 21 13 16-0001)*

Note: Includes all standard Bobrick colors.

10 21 13 16-0003 Floor Anchored, Laminated Plastic, Complete Toilet Partitions *(10 21 13 16-0002)*

10 21 13 16-0004	EA	36" x 60", Floor Anchored, Laminated Plastic, One Compartment Corner Unit, Complete Toilet Partition	1,446.46	133.84
		For >10, Deduct	*-117.88*	
		For Cast Stainless Steel Hardware, Add	*194.19*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*241.76*	
10 21 13 16-0005	EA	60" x 60", Floor Anchored, Laminated Plastic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,772.06	145.75
		For Cast Stainless Steel Hardware, Add	*194.21*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*241.76*	
10 21 13 16-0006	EA	60" x 78", Floor Anchored, Laminated Plastic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,907.91	151.70
		For Cast Stainless Steel Hardware, Add	*194.22*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*241.76*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 16-0007		**Overhead Braced, Laminated Plastic, Complete Toilet Partitions** *(10 21 13 16-0002)*		
		Note: Includes headrail.		
10 21 13 16-0008	EA	36" x 60", Overhead Braced, Laminated Plastic, One Compartment Corner Unit, Complete Toilet Partition	1,563.49	163.60
		For >10, Deduct	*-123.63*	
		For Cast Stainless Steel Hardware, Add	*194.23*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*241.76*	
10 21 13 16-0009	EA	60" x 60", Overhead Braced, Laminated Plastic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,903.48	175.49
		For Cast Stainless Steel Hardware, Add	*194.25*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*241.76*	
10 21 13 16-0010	EA	60" x 78", Overhead Braced, Laminated Plastic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,050.10	181.44
		For Cast Stainless Steel Hardware, Add	*194.25*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*241.76*	
10 21 13 16-0011		**Ceiling Hung, Laminated Plastic, Complete Toilet Partitions** *(10 21 13 16-0002)*		
		Note: Excludes above ceiling steel.		
10 21 13 16-0012	EA	36" x 60", Ceiling Hung, Laminated Plastic, One Compartment Corner Unit, Complete Toilet Partition	2,089.93	223.08
		For >10, Deduct	*-164.38*	
		For Cast Stainless Steel Hardware, Add	*194.31*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*241.76*	
10 21 13 16-0013	EA	60" x 60", Ceiling Hung, Laminated Plastic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,440.98	234.98
		For Cast Stainless Steel Hardware, Add	*194.32*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*241.76*	
10 21 13 16-0014	EA	60" x 78", Ceiling Hung, Laminated Plastic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,576.82	240.93
		For Cast Stainless Steel Hardware, Add	*194.33*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*241.76*	
10 21 13 16-0015		**Laminated Plastic Urinal Screens** *(10 21 13 16-0001)*		
		Note: Includes all standard Bobrick colors.		
10 21 13 16-0016		**Floor Anchored, Laminated Plastic, Urinal Screens** *(10 21 13 16-0015)*		
10 21 13 16-0017	EA	24" x 58" x 1", Floor Anchored, Laminated Plastic, Urinal Screen	606.12	83.26
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
10 21 13 16-0018	EA	36" x 58" x 1", Floor Anchored, Laminated Plastic, Urinal Screen	661.14	89.20
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
10 21 13 16-0019	EA	48" x 58" x 1", Floor Anchored, Laminated Plastic, Urinal Screen	681.49	95.15
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
10 21 13 16-0020		**Wall Hung, Laminated Plastic, Urinal Screens** *(10 21 13 16-0015)*		
10 21 13 16-0021	EA	18" x 42" x 1", Wall Hung, Laminated Plastic, Urinal Screen	469.94	71.35
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
10 21 13 16-0022	EA	24" x 42" x 1", Wall Hung, Laminated Plastic, Urinal Screen	494.16	77.31
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
10 21 13 16-0023	EA	30" x 42" x 1", Wall Hung, Laminated Plastic, Urinal Screen	517.24	83.26
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
10 21 13 16-0024		**Wall Hung And Post Supported, Laminated Plastic, Urinal Screens** *(10 21 13 16-0015)*		
10 21 13 16-0025	EA	18" x 58" x 1", Wall Hung And Post Supported, Laminated Plastic, Urinal Screen	625.97	77.31
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
10 21 13 16-0026	EA	24" x 58" x 1", Wall Hung And Post Supported, Laminated Plastic, Urinal Screen	687.02	83.26
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
10 21 13 16-0027	EA	30" x 58" x 1", Wall Hung And Post Supported, Laminated Plastic, Urinal Screen	753.26	89.20
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
10 21 13 16-0028		**Wall Hung And Overhead Braced, Laminated Plastic, Urinal Screens** *(10 21 13 16-0015)*		
10 21 13 16-0029	EA	24" x 58" x 1", Wall Hung And Overhead Braced, Laminated Plastic, Urinal Screen	577.02	77.31
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
10 21 13 16-0030	EA	36" x 58" x 1", Wall Hung And Overhead Braced, Laminated Plastic, Urinal Screen	633.26	83.26
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
10 21 13 16-0031	EA	48" x 58" x 1", Wall Hung And Overhead Braced, Laminated Plastic, Urinal Screen	652.91	89.20
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
10 21 13 16-0032		**Laminated Plastic Toilet Partition Doors, Panels And Pilasters** *(10 21 13 16-0001)*		
		Note: Includes all standard Bobrick colors. See CSI section 10 21 13 43-0000 for accessories.		
10 21 13 16-0033		**Laminated Plastic, Toilet Partition Doors** *(10 21 13 16-0032)*		
10 21 13 16-0034	EA	24" x 58" x 1", Laminated Plastic, Toilet Partition Door	483.37	23.79
		For Heavy Gauge Full-Height SS Hinge, Add	*107.79*	
10 21 13 16-0035	EA	26" x 58" x 1", Laminated Plastic, Toilet Partition Door	525.71	23.79
		For Heavy Gauge Full-Height SS Hinge, Add	*107.79*	
10 21 13 16-0036	EA	30" x 58" x 1", Laminated Plastic, Toilet Partition Door	543.21	26.77
		For Heavy Gauge Full-Height SS Hinge, Add	*107.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 16-0037	EA	34" x 58" x 1", Laminated Plastic, Americans With Disabilities Act Compliant Toilet Partition Door	556.30	26.77
		For Heavy Gauge Full-Height SS Hinge, Add	*107.79*	
10 21 13 16-0038	EA	36" x 58" x 1", Laminated Plastic, Americans With Disabilities Act Compliant Toilet Partition Door	568.62	26.77
		For Heavy Gauge Full-Height SS Hinge, Add	*107.79*	

10 21 13 16-0039 Laminated Plastic, Toilet Partition Panels *(10 21 13 16-0032)*

10 21 13 16-0040	EA	6" x 58" x 1", Laminated Plastic, Toilet Partition Panel	243.01	35.69
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
10 21 13 16-0041	EA	12" x 58" x 1", Laminated Plastic, Toilet Partition Panel	268.93	38.67
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
10 21 13 16-0042	EA	18" x 58" x 1", Laminated Plastic, Toilet Partition Panel	294.83	41.64
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
10 21 13 16-0043	EA	24" x 58" x 1", Laminated Plastic, Toilet Partition Panel	321.76	44.62
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
10 21 13 16-0044	EA	30" x 58" x 1", Laminated Plastic, Toilet Partition Panel	346.65	47.59
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
10 21 13 16-0045	EA	36" x 58" x 1", Laminated Plastic, Toilet Partition Panel	373.68	50.57
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
10 21 13 16-0046	EA	42" x 58" x 1", Laminated Plastic, Toilet Partition Panel	381.97	53.54
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
10 21 13 16-0047	EA	48" x 58" x 1", Laminated Plastic, Toilet Partition Panel	391.74	56.52
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
10 21 13 16-0048	EA	55" x 58" x 1", Laminated Plastic, Toilet Partition Panel	412.35	59.48
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
10 21 13 16-0049	EA	58" x 58" x 1", Laminated Plastic, Toilet Partition Panel	429.69	60.68
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
10 21 13 16-0050	EA	60" x 58" x 1", Laminated Plastic, Toilet Partition Panel	449.07	62.46
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
10 21 13 16-0051	EA	70" x 58" x 1", Laminated Plastic, Toilet Partition Panel	512.76	65.43
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
10 21 13 16-0052	EA	78" x 58" x 1", Laminated Plastic, Toilet Partition Panel	584.92	68.41
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	

10 21 13 16-0053 69" Long, Laminated Plastic, Toilet Partition Pilasters *(10 21 13 16-0032)*

10 21 13 16-0054	EA	Up To 4" x 69" x 1", Laminated Plastic, Toilet Partition Pilaster	199.68	17.85
		For 1-1/4" Pilaster, Add	*13.53*	
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For Steel Core Pilaster, Add	*163.99*	
10 21 13 16-0055	EA	5" x 69" x 1", Laminated Plastic, Toilet Partition Pilaster	230.27	20.82
		For 1-1/4" Pilaster, Add	*15.56*	
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For Steel Core Pilaster, Add	*188.63*	
10 21 13 16-0056	EA	6" x 69" x 1", Laminated Plastic, Toilet Partition Pilaster	236.22	23.79
		For 1-1/4" Pilaster, Add	*15.56*	
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For Steel Core Pilaster, Add	*188.63*	
10 21 13 16-0057	EA	8" x 69" x 1", Laminated Plastic, Toilet Partition Pilaster	260.65	26.77
		For 1-1/4" Pilaster, Add	*17.09*	
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For Steel Core Pilaster, Add	*207.11*	
10 21 13 16-0058	EA	10" x 69" x 1", Laminated Plastic, Toilet Partition Pilaster	271.98	29.74
		For 1-1/4" Pilaster, Add	*17.53*	
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For Steel Core Pilaster, Add	*212.50*	
10 21 13 16-0059	EA	12" x 69" x 1", Laminated Plastic, Toilet Partition Pilaster	295.64	32.72
		For 1-1/4" Pilaster, Add	*18.99*	
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For Steel Core Pilaster, Add	*230.21*	
10 21 13 16-0060	EA	18" x 69" x 1", Laminated Plastic, Toilet Partition Pilaster	377.04	35.69
		For 1-1/4" Pilaster, Add	*25.22*	
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For Steel Core Pilaster, Add	*305.66*	
10 21 13 16-0061	EA	22" x 69" x 1", Laminated Plastic, Toilet Partition Pilaster	456.91	38.67
		For 1-1/4" Pilaster, Add	*31.31*	
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For Steel Core Pilaster, Add	*379.57*	
10 21 13 16-0062	EA	24" x 69" x 1", Laminated Plastic, Toilet Partition Pilaster	512.91	41.64
		For 1-1/4" Pilaster, Add	*35.44*	
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For Steel Core Pilaster, Add	*429.62*	

10 21 13 16-0063 83" Long, Laminated Plastic, Toilet Partition Pilasters *(10 21 13 16-0032)*

10 21 13 16-0064	EA	Up To 4" x 83" x 1", Laminated Plastic, Toilet Partition Pilaster	393.71	17.85
		For 1-1/4" Pilaster, Add	*29.54*	
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For Steel Core Pilaster, Add	*358.02*	
10 21 13 16-0065	EA	5" x 83" x 1", Laminated Plastic, Toilet Partition Pilaster	435.07	20.82
		For 1-1/4" Pilaster, Add	*32.46*	
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For Steel Core Pilaster, Add	*393.43*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 16-0066	EA	6" x 83" x 1", Laminated Plastic, Toilet Partition Pilaster	441.02	23.79
		For 1-1/4" Pilaster, Add	*32.46*	
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For Steel Core Pilaster, Add	*393.43*	
10 21 13 16-0067	EA	8" x 83" x 1", Laminated Plastic, Toilet Partition Pilaster	477.00	26.77
		For 1-1/4" Pilaster, Add	*34.94*	
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For Steel Core Pilaster, Add	*423.46*	
10 21 13 16-0068	EA	10" x 83" x 1", Laminated Plastic, Toilet Partition Pilaster	520.67	29.74
		For 1-1/4" Pilaster, Add	*38.05*	
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For Steel Core Pilaster, Add	*461.19*	
10 21 13 16-0069	EA	12" x 83" x 1", Laminated Plastic, Toilet Partition Pilaster	555.87	32.72
		For 1-1/4" Pilaster, Add	*40.46*	
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For Steel Core Pilaster, Add	*490.44*	
10 21 13 16-0070	EA	18" x 83" x 1", Laminated Plastic, Toilet Partition Pilaster	692.34	35.69
		For 1-1/4" Pilaster, Add	*51.23*	
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For Steel Core Pilaster, Add	*620.96*	
10 21 13 16-0071	EA	22" x 83" x 1", Laminated Plastic, Toilet Partition Pilaster	788.75	38.67
		For 1-1/4" Pilaster, Add	*58.69*	
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For Steel Core Pilaster, Add	*711.41*	
10 21 13 16-0072	EA	24" x 83" x 1", Laminated Plastic, Toilet Partition Pilaster	809.33	41.64
		For 1-1/4" Pilaster, Add	*59.90*	
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For Steel Core Pilaster, Add	*726.04*	

10 21 13 19 Plastic Toilet Compartments *(10 21 13)*

10 21 13 19-0001 Recycled Solid Polymer (HDPE) Toilet Partitions And Urinal Screens *(10 21 13 19)*

Note: Complete toilet partitions for corner installations. Includes 1" door, 1" pilaster, 1" separator panel, trim shoes, and standard stainless steel hardware as required. For alcove, recessed or configurations other than corner installations use either: (1) the appropriate corner unit and add individual components or (2) individual components. Individual components include trim shoes and standard stainless steel hardware as required. Constructed of high density polyethylene (HDPE). Includes Class B fire rating.

10 21 13 19-0002 Recycled Solid Plastic (HDPE) Toilet Partitions *(10 21 13 19-0001)*

Note: Includes all standard Columbia Partitions colors.

10 21 13 19-0003 Overhead Braced, Recycled Solid Plastic (HDPE), Complete Toilet Partitions *(10 21 13 19-0002)*

Note: Includes headrail.

10 21 13 19-0004	EA	36" x 60", Overhead Braced, Recycled Solid Plastic (HDPE), One Compartment Corner Unit, Complete Toilet Partition	1,929.84	163.60
		For >10, Deduct	*-160.27*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*241.76*	
		For NFPA Class A, Add	*993.65*	
10 21 13 19-0005	EA	60" x 60", Overhead Braced, Recycled Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,375.72	175.49
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*241.76*	
		For NFPA Class A, Add	*1,255.34*	
10 21 13 19-0006	EA	60" x 78", Overhead Braced, Recycled Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,632.61	181.44
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*241.76*	
		For NFPA Class A, Add	*1,407.23*	

10 21 13 19-0007 Floor And Ceiling Anchored, Recycled Solid Plastic (HDPE), Complete Toilet Partitions *(10 21 13 19-0002)*

Note: Excludes above ceiling steel.

10 21 13 19-0008	EA	36" x 60", Floor And Ceiling Anchored, Recycled Solid Plastic (HDPE), One Compartment Corner Unit, Complete Toilet Partition	1,928.63	193.34
		For >10, Deduct	*-154.20*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*241.76*	
		For NFPA Class A, Add	*956.01*	
10 21 13 19-0009	EA	60" x 60", Floor And Ceiling Anchored, Recycled Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,413.71	205.24
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*241.76*	
		For NFPA Class A, Add	*1,242.01*	
10 21 13 19-0010	EA	60" x 78", Floor And Ceiling Anchored, Recycled Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,670.60	211.18
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*241.76*	
		For NFPA Class A, Add	*1,393.90*	

10 21 13 19-0011 Ceiling Hung, Recycled Solid Plastic (HDPE), Complete Toilet Partitions *(10 21 13 19-0002)*

Note: Excludes above ceiling steel.

10 21 13 19-0012	EA	36" x 60", Ceiling Hung, Recycled Solid Plastic (HDPE), One Compartment Corner Unit, Complete Toilet Partition	2,023.07	223.08
		For >10, Deduct	*-157.69*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*241.76*	
		For NFPA Class A, Add	*977.68*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0013	EA	60" x 60", Ceiling Hung, Recycled Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,400.26	234.98
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*241.76*	
		For NFPA Class A, Add	*1,196.79*	
10 21 13 19-0014	EA	60" x 78", Ceiling Hung, Recycled Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,657.13	240.93
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*241.76*	
		For NFPA Class A, Add	*1,348.67*	
10 21 13 19-0015		**Recycled Solid Plastic (HDPE) Urinal Screens** *(10 21 13 19-0001)*		
		Note: Includes all standard Columbia Partitions colors.		
10 21 13 19-0016		**Wall Hung, Recycled Solid Plastic (HDPE), Urinal Screens** *(10 21 13 19-0015)*		
10 21 13 19-0017	EA	18" x 42" x 1", Wall Hung, Recycled Solid Plastic (HDPE), Urinal Screen	449.75	71.35
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For NFPA Class A, Add	*190.36*	
10 21 13 19-0018	EA	24" x 42" x 1", Wall Hung, Recycled Solid Plastic (HDPE), Urinal Screen	473.74	77.31
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For NFPA Class A, Add	*197.85*	
10 21 13 19-0019		**Wall Hung And Post Supported, Recycled Solid Plastic (HDPE), Urinal Screens** *(10 21 13 19-0015)*		
10 21 13 19-0020	EA	18" x 42" x 1", Wall Hung And Post Supported, Recycled Solid Plastic (HDPE), Urinal Screen	571.94	77.31
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For NFPA Class A, Add	*258.74*	
10 21 13 19-0021	EA	24" x 42" x 1", Wall Hung And Post Supported, Recycled Solid Plastic (HDPE), Urinal Screen	722.91	83.26
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For NFPA Class A, Add	*344.97*	
10 21 13 19-0022	EA	30" x 42" x 1", Wall Hung And Post Supported, Recycled Solid Plastic (HDPE), Urinal Screen	803.30	89.20
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For NFPA Class A, Add	*387.44*	
10 21 13 19-0023		**Wall Hung And Overhead Braced, Recycled Solid Plastic (HDPE), Urinal Screens** *(10 21 13 19-0015)*		
10 21 13 19-0024	EA	24" x 55" x 1", Wall Hung And Overhead Braced, Recycled Solid Plastic (HDPE), Urinal Screen	583.83	83.26
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For NFPA Class A, Add	*258.74*	
10 21 13 19-0025	EA	36" x 55" x 1", Wall Hung And Overhead Braced, Recycled Solid Plastic (HDPE), Urinal Screen	734.80	89.20
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For NFPA Class A, Add	*344.97*	
10 21 13 19-0026	EA	48" x 55" x 1", Wall Hung And Overhead Braced, Recycled Solid Plastic (HDPE), Urinal Screen	872.01	95.15
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For NFPA Class A, Add	*422.67*	
10 21 13 19-0027		**Recycled Solid Plastic (HDPE) Toilet Partition Doors, Panels And Pilasters** *(10 21 13 19-0001)*		
		Note: Includes all standard Columbia Partitions colors. See CSI section 10 21 13 43-0000 for accessories, 10 21 13 43-0001 for other accessories.		
10 21 13 19-0028		**Recycled Solid Plastic (HDPE), Toilet Partition Doors** *(10 21 13 19-0027)*		
10 21 13 19-0029	EA	24" x 55" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Door	460.10	23.79
		For Heavy Gauge Full-Height SS Hinge, Add	*107.79*	
		For NFPA Class A, Add	*255.76*	
10 21 13 19-0030	EA	26" x 55" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Door	497.64	23.79
		For Heavy Gauge Full-Height SS Hinge, Add	*107.79*	
		For NFPA Class A, Add	*279.03*	
10 21 13 19-0031	EA	30" x 55" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Door	540.86	26.77
		For Heavy Gauge Full-Height SS Hinge, Add	*107.79*	
		For NFPA Class A, Add	*302.14*	
10 21 13 19-0032	EA	34" x 55" x 1", Recycled Solid Plastic (HDPE), ADA Compliant Toilet Partition Door	616.83	26.77
		For Heavy Gauge Full-Height SS Hinge, Add	*107.79*	
		For NFPA Class A, Add	*349.24*	
10 21 13 19-0033	EA	36" x 55" x 1", Recycled Solid Plastic (HDPE), ADA Compliant Toilet Partition Door	634.81	26.77
		For Heavy Gauge Full-Height SS Hinge, Add	*107.79*	
		For NFPA Class A, Add	*360.39*	
10 21 13 19-0034		**Recycled Solid Plastic (HDPE), Toilet Partition Panels** *(10 21 13 19-0027)*		
10 21 13 19-0035	EA	6" x 55" x 1", Recycled Solid Plastic (High Density Polyethylene), Toilet Partition Panel	162.81	35.69
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For NFPA Class A, Add	*56.69*	
10 21 13 19-0036	EA	12" x 55" x 1", Recycled Solid Plastic (High Density Polyethylene), Toilet Partition Panel	260.21	38.67
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For NFPA Class A, Add	*113.38*	
10 21 13 19-0037	EA	18" x 55" x 1", Recycled Solid Plastic (High Density Polyethylene), Toilet Partition Panel	357.57	41.64
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For NFPA Class A, Add	*170.05*	
10 21 13 19-0038	EA	24" x 55" x 1", Recycled Solid Plastic (High Density Polyethylene), Toilet Partition Panel	417.45	44.62
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For NFPA Class A, Add	*203.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0039	EA	30" x 55" x 1", Recycled Solid Plastic (High Density Polyethylene), Toilet Partition Panel	505.46	47.59
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For NFPA Class A, Add	*254.37*	
10 21 13 19-0040	EA	36" x 55" x 1", Recycled Solid Plastic (High Density Polyethylene), Toilet Partition Panel	540.10	50.57
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For NFPA Class A, Add	*272.16*	
10 21 13 19-0041	EA	42" x 55" x 1", Recycled Solid Plastic (High Density Polyethylene), Toilet Partition Panel	606.35	53.54
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For NFPA Class A, Add	*309.55*	
10 21 13 19-0042	EA	48" x 55" x 1", Recycled Solid Plastic (High Density Polyethylene), Toilet Partition Panel	683.61	56.52
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For NFPA Class A, Add	*353.76*	
10 21 13 19-0043	EA	55" x 55" x 1", Recycled Solid Plastic (High Density Polyethylene), Toilet Partition Panel	746.67	59.48
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For NFPA Class A, Add	*389.17*	
10 21 13 19-0044	EA	58" x 55" x 1", Recycled Solid Plastic (High Density Polyethylene), Toilet Partition Panel	762.87	60.68
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For NFPA Class A, Add	*397.74*	
10 21 13 19-0045	EA	60" x 55" x 1", Recycled Solid Plastic (High Density Polyethylene), Toilet Partition Panel	788.57	62.46
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For NFPA Class A, Add	*411.46*	
10 21 13 19-0046	EA	70" x 55" x 1", Recycled Solid Plastic (High Density Polyethylene), Toilet Partition Panel	891.33	65.43
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For NFPA Class A, Add	*471.48*	
10 21 13 19-0047	EA	78" x 55" x 1", Recycled Solid Plastic (High Density Polyethylene), Toilet Partition Panel	960.66	68.41
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For NFPA Class A, Add	*510.78*	
10 21 13 19-0048		**82" Long, Recycled Solid Plastic (HDPE), Toilet Partition Pilasters** *(10 21 13 19-0027)*		
10 21 13 19-0049	EA	Up To 4" x 82" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	211.82	17.85
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For NFPA Class A, Add	*109.20*	
10 21 13 19-0050	EA	5" x 82" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	235.43	20.82
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For NFPA Class A, Add	*120.15*	
10 21 13 19-0051	EA	6" x 82" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	255.95	23.79
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For NFPA Class A, Add	*129.18*	
10 21 13 19-0052	EA	8" x 82" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	274.92	26.77
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For NFPA Class A, Add	*137.26*	
10 21 13 19-0053	EA	10" x 82" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	308.67	29.74
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For NFPA Class A, Add	*154.50*	
10 21 13 19-0054	EA	12" x 82" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	342.41	32.72
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For NFPA Class A, Add	*171.73*	
10 21 13 19-0055	EA	18" x 82" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	470.35	35.69
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For NFPA Class A, Add	*247.36*	
10 21 13 19-0056	EA	22" x 82" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	531.79	38.67
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For NFPA Class A, Add	*281.76*	
10 21 13 19-0057	EA	24" x 82" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	579.05	41.64
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For NFPA Class A, Add	*307.37*	
10 21 13 19-0058		**96" To 120", Recycled Solid Plastic (HDPE), Toilet Partition Pilasters** *(10 21 13 19-0027)*		
10 21 13 19-0059	EA	Up To 4" x 96" To 120" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	258.54	23.79
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For NFPA Class A, Add	*130.79*	
10 21 13 19-0060	EA	5" x 96" To 120" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	284.57	26.77
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For NFPA Class A, Add	*143.24*	
10 21 13 19-0061	EA	6" x 96" To 120" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	313.43	29.74
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For NFPA Class A, Add	*157.45*	
10 21 13 19-0062	EA	8" x 96" To 120" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	355.17	32.72
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For NFPA Class A, Add	*179.64*	
10 21 13 19-0063	EA	10" x 96" To 120" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	397.31	35.69
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For NFPA Class A, Add	*202.08*	
10 21 13 19-0064	EA	12" x 96" To 120" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	439.07	38.67
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For NFPA Class A, Add	*224.27*	
10 21 13 19-0065	EA	18" x 96" To 120" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	563.02	41.64
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For NFPA Class A, Add	*297.43*	
10 21 13 19-0066	EA	22" x 96" To 120" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	630.03	44.62
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For NFPA Class A, Add	*335.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0067	EA	24 x 96" To 120" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	685.14	47.59
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For NFPA Class A, Add	*365.77*	

10 21 13 19-0068 Anti-microbial Recycled Solid Polymer (HDPE) Toilet Partitions And Urinal Screens *(10 21 13 19)*

Note: Complete toilet partitions for corner installations. Includes 1" door, 1" pilaster, 1" separator panel, trim shoes, and hardware as required. For alcove, recessed or configurations other than corner installations use either: (1) the appropriate corner unit and add individual components or (2) individual components. Individual components include trim shoes and hardware as required. Constructed of high density polyethylene (HDPE). Includes Class B fire rating.

10 21 13 19-0069 Anti-microbial Recycled Solid Plastic (HDPE) Toilet Partitions *(10 21 13 19-0068)*

Note: Includes all standard Columbia Partitions colors.

10 21 13 19-0070 Overhead Braced, Anti-microbial Recycled Solid Plastic (HDPE), Complete Toilet Partitions *(10 21 13 19-0069)*

Note: Includes headrail.

10 21 13 19-0071	EA	36" x 60", Overhead Braced, Anti-microbial Solid Plastic (High Density Polyethylene), One Compartment Corner Unit, Complete Toilet Partition	2,490.77	163.60
		For >10, Deduct	*-216.36*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*241.76*	
		For NFPA Class A, Add	*1,341.43*	
10 21 13 19-0072	EA	60" x 60", Overhead Braced, Anti-microbial Solid Plastic (High Density Polyethylene), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	3,084.40	175.49
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*241.76*	
		For NFPA Class A, Add	*1,694.72*	
10 21 13 19-0073	EA	60" x 78", Overhead Braced, Anti-microbial Solid Plastic (High Density Polyethylene), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	3,427.03	181.44
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*241.76*	
		For NFPA Class A, Add	*1,899.77*	

10 21 13 19-0074 Floor And Ceiling Anchored, Anti-microbial Recycled Solid Plastic (HDPE), Complete Toilet Partitions *(10 21 13 19-0069)*

Note: Excludes above ceiling steel.

10 21 13 19-0075	EA	36" x 60", Floor And Ceiling Anchored, Anti-microbial Solid Plastic (HDPE), One Compartment Corner Unit, Complete Toilet Partition	2,468.31	193.34
		For >10, Deduct	*-208.16*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*241.76*	
		For NFPA Class A, Add	*1,290.61*	
10 21 13 19-0076	EA	60" x 60", Floor And Ceiling Anchored, Anti-microbial Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	3,114.83	205.24
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*241.76*	
		For NFPA Class A, Add	*1,676.70*	
10 21 13 19-0077	EA	60" x 78", Floor And Ceiling Anchored, Anti-microbial Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	3,457.47	211.18
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*241.76*	
		For NFPA Class A, Add	*1,881.76*	

10 21 13 19-0078 Ceiling Hung, Anti-microbial Recycled Solid Plastic (HDPE), Complete Toilet Partitions *(10 21 13 19-0069)*

Note: Excludes above ceiling steel.

10 21 13 19-0079	EA	36" x 60", Ceiling Hung, Anti-microbial Solid Plastic (HDPE), One Compartment Corner Unit, Complete Toilet Partition	2,575.00	223.08
		For >10, Deduct	*-212.88*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*241.76*	
		For NFPA Class A, Add	*1,319.88*	
10 21 13 19-0080	EA	60" x 60", Ceiling Hung, Anti-microbial Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	3,075.85	234.98
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*241.76*	
		For NFPA Class A, Add	*1,615.65*	
10 21 13 19-0081	EA	60" x 78", Ceiling Hung, Anti-microbial Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	3,418.47	240.93
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*241.76*	
		For NFPA Class A, Add	*1,820.70*	

10 21 13 19-0082 Anti-microbial Recycled Solid Plastic (HDPE) Urinal Screens *(10 21 13 19-0068)*

Note: Includes all standard Columbia Partitions colors.

10 21 13 19-0083 Wall Hung, Anti-microbial Recycled Solid Plastic (HDPE), Urinal Screens *(10 21 13 19-0082)*

10 21 13 19-0084	EA	18" x 42" x 1", Wall Hung, Anti-microbial Recycled Solid Plastic (HDPE), Urinal Screen	557.19	71.35
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For NFPA Class A, Add	*256.97*	
10 21 13 19-0085	EA	24" x 42" x 1", Wall Hung, Anti-microbial Recycled Solid Plastic (HDPE), Urinal Screen	581.48	77.31
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For NFPA Class A, Add	*264.65*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0086		**Wall Hung And Post Supported, Anti-microbial Recycled Solid Plastic (HDPE), Urinal Screens** *(10 21 13 19-0082)*		
10 21 13 19-0087	EA	18" x 42" x 1", Wall Hung And Post Supported, Anti-microbial Recycled Solid Plastic (HDPE), Urinal Screen	905.76	77.31
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For NFPA Class A, Add	*465.71*	
10 21 13 19-0088	EA	24" x 42" x 1", Wall Hung And Post Supported, Anti-microbial Recycled Solid Plastic (HDPE), Urinal Screen	1,030.63	83.26
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For NFPA Class A, Add	*535.76*	
10 21 13 19-0089	EA	30" x 42" x 1", Wall Hung And Post Supported, Anti-microbial Recycled Solid Plastic (HDPE), Urinal Screen	1,098.71	89.20
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For NFPA Class A, Add	*570.60*	
10 21 13 19-0090		**Wall Hung And Overhead Braced, Anti-microbial Recycled Solid Plastic (HDPE), Urinal Screens** *(10 21 13 19-0082)*		
10 21 13 19-0091	EA	24" x 55" x 1", Wall Hung And Overhead Braced, Anti-microbial Recycled Solid Plastic (HDPE), Urinal Screen	729.87	83.26
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For NFPA Class A, Add	*349.29*	
10 21 13 19-0092	EA	36" x 55" x 1", Wall Hung And Overhead Braced, Anti-microbial Recycled Solid Plastic (HDPE), Urinal Screen	929.54	89.20
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For NFPA Class A, Add	*465.71*	
10 21 13 19-0093	EA	48" x 55" x 1", Wall Hung And Overhead Braced, Anti-microbial Recycled Solid Plastic (HDPE), Urinal Screen	1,110.61	95.15
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For NFPA Class A, Add	*570.60*	
10 21 13 19-0094		**Anti-microbial Recycled Solid Plastic (HDPE) Toilet Partition Doors, Panels And Pilasters** *(10 21 13 19-0068)*		
		Note: Includes all standard Columbia Partitions colors.		
10 21 13 19-0095		**Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Doors** *(10 21 13 19-0094)*		
10 21 13 19-0096	EA	24" x 55" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Door	604.48	23.79
		For Heavy Gauge Full-Height SS Hinge, Add	*107.79*	
		For NFPA Class A, Add	*345.27*	
10 21 13 19-0097	EA	26" x 55" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Door	655.18	23.79
		For Heavy Gauge Full-Height SS Hinge, Add	*107.79*	
		For NFPA Class A, Add	*376.71*	
10 21 13 19-0098	EA	30" x 55" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Door	711.42	26.77
		For Heavy Gauge Full-Height SS Hinge, Add	*107.79*	
		For NFPA Class A, Add	*407.89*	
10 21 13 19-0099	EA	34" x 55" x 1", Anti-microbial Recycled Solid Plastic (HDPE), ADA Compliant Toilet Partition Door	813.99	26.77
		For Heavy Gauge Full-Height SS Hinge, Add	*107.79*	
		For NFPA Class A, Add	*471.48*	
10 21 13 19-0100	EA	36" x 55" x 1", Anti-microbial Recycled Solid Plastic (HDPE), ADA Compliant Toilet Partition Door	838.25	26.77
		For Heavy Gauge Full-Height SS Hinge, Add	*107.79*	
		For NFPA Class A, Add	*486.52*	
10 21 13 19-0101		**Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Panels** *(10 21 13 19-0094)*		
10 21 13 19-0102	EA	6" x 55" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Panel	194.80	35.69
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For NFPA Class A, Add	*76.52*	
10 21 13 19-0103	EA	12" x 55" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Panel	324.21	38.67
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For NFPA Class A, Add	*153.06*	
10 21 13 19-0104	EA	18" x 55" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Panel	453.58	41.64
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For NFPA Class A, Add	*229.58*	
10 21 13 19-0105	EA	24" x 55" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Panel	532.32	44.62
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For NFPA Class A, Add	*274.71*	
10 21 13 19-0106	EA	30" x 55" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Panel	649.05	47.59
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For NFPA Class A, Add	*343.39*	
10 21 13 19-0107	EA	36" x 55" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Panel	693.74	50.57
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For NFPA Class A, Add	*367.42*	
10 21 13 19-0108	EA	42" x 55" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Panel	781.09	53.54
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For NFPA Class A, Add	*417.89*	
10 21 13 19-0109	EA	48" x 55" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Panel	883.33	56.52
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For NFPA Class A, Add	*477.59*	
10 21 13 19-0110	EA	55" x 55" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Panel	966.36	59.48
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For NFPA Class A, Add	*525.38*	
10 21 13 19-0111	EA	58" x 55" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Panel	987.40	60.68
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For NFPA Class A, Add	*536.95*	
10 21 13 19-0112	EA	60" x 55" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Panel	1,020.83	62.46
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For NFPA Class A, Add	*555.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0113	EA	70" x 55" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Panel	1,157.50	65.43
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For NFPA Class A, Add	*636.50*	
10 21 13 19-0114	EA	78" x 55" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Panel	1,248.99	68.41
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For NFPA Class A, Add	*689.55*	

10 21 13 19-0115 82" Long, Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Pilasters *(10 21 13 19-0094)*

10 21 13 19-0116	EA	Up To 4" x 82" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	273.46	17.85
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For NFPA Class A, Add	*147.42*	
10 21 13 19-0117	EA	5" x 82" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	303.26	20.82
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For NFPA Class A, Add	*162.20*	
10 21 13 19-0118	EA	6" x 82" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	328.87	23.79
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For NFPA Class A, Add	*174.39*	
10 21 13 19-0119	EA	8" x 82" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	379.57	26.77
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For NFPA Class A, Add	*202.14*	
10 21 13 19-0120	EA	10" x 82" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	426.48	29.74
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For NFPA Class A, Add	*227.54*	
10 21 13 19-0121	EA	12" x 82" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	473.34	32.72
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For NFPA Class A, Add	*252.90*	
10 21 13 19-0122	EA	18" x 82" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	609.99	35.69
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For NFPA Class A, Add	*333.94*	
10 21 13 19-0123	EA	22" x 82" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	690.86	38.67
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For NFPA Class A, Add	*380.38*	
10 21 13 19-0124	EA	24" x 82" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	752.56	41.64
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For NFPA Class A, Add	*414.95*	

10 21 13 19-0125 96" To 120", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Pilasters *(10 21 13 19-0094)*

10 21 13 19-0126	EA	Up To 4" x 96" To 120" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	332.38	23.79
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For NFPA Class A, Add	*176.57*	
10 21 13 19-0127	EA	5" x 96" To 120" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	365.44	26.77
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For NFPA Class A, Add	*193.38*	
10 21 13 19-0128	EA	6" x 96" To 120" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	402.32	29.74
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For NFPA Class A, Add	*212.56*	
10 21 13 19-0129	EA	8" x 96" To 120" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	456.60	32.72
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For NFPA Class A, Add	*242.53*	
10 21 13 19-0130	EA	10" x 96" To 120" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	511.40	35.69
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For NFPA Class A, Add	*272.81*	
10 21 13 19-0131	EA	12" x 96" To 120" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	565.67	38.67
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For NFPA Class A, Add	*302.76*	
10 21 13 19-0132	EA	18" x 96" To 120" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	730.94	41.64
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For NFPA Class A, Add	*401.54*	
10 21 13 19-0133	EA	22" x 96" To 120" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	819.30	44.62
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For NFPA Class A, Add	*452.64*	
10 21 13 19-0134	EA	24 x 96" To 120" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	891.61	47.59
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For NFPA Class A, Add	*493.78*	

10 21 13 19-0135 Solid Phenolic Toilet Partitions And Urinal Screens *(10 21 13 19)*

Note: Complete toilet partitions for corner installations. Includes 3/4" door, 3/4" pilaster, 1/2" separator panel, trim shoes, and standard stainless steel hardware as required. For alcove, recessed or configurations other than corner installations use either: (1) the appropriate corner unit and add individual components or (2) individual components. Individual components include trim shoes and standard stainless steel hardware as required. Constructed of solid phenolic (resin impregnated kraft paper) core with a high pressure decorative matte surface finish as an integral part of the core material. Includes Class B fire rating.

10 21 13 19-0136 Solid Phenolic Toilet Partitions *(10 21 13 19-0135)*

Note: Includes all standard Bobrick colors.

10 21 13 19-0137 Floor Anchored, Solid Phenolic, Complete Toilet Partitions *(10 21 13 19-0136)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0138	EA	36" x 60", Floor Anchored, Solid Phenolic, One Compartment Corner Unit, Complete Toilet Partition	2,207.14	133.84
		For >10, Deduct	*-193.94*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*241.76*	
		For NFPA Class A, Add	*420.67*	
10 21 13 19-0139	EA	60" x 60", Floor Anchored, Solid Phenolic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,714.44	145.75
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*241.76*	
		For NFPA Class A, Add	*523.39*	
10 21 13 19-0140	EA	60" x 78", Floor Anchored, Solid Phenolic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	3,032.77	151.70
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*241.76*	
		For NFPA Class A, Add	*588.34*	

10 21 13 19-0141 Overhead Braced, Solid Phenolic, Complete Toilet Partitions *(10 21 13 19-0136)*

Note: Includes headrail.

10 21 13 19-0142	EA	36" x 60", Overhead Braced, Solid Phenolic, One Compartment Corner Unit, Complete Toilet Partition	2,447.92	163.60
		For >10, Deduct	*-212.07*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*241.76*	
		For NFPA Class A, Add	*461.71*	
10 21 13 19-0143	EA	60" x 60", Overhead Braced, Solid Phenolic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,975.47	175.49
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*241.76*	
		For NFPA Class A, Add	*568.69*	
10 21 13 19-0144	EA	60" x 78", Overhead Braced, Solid Phenolic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	3,309.23	181.44
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*241.76*	
		For NFPA Class A, Add	*636.88*	

10 21 13 19-0145 Floor And Ceiling Anchored, Solid Phenolic, Complete Toilet Partitions *(10 21 13 19-0136)*

Note: Excludes above ceiling steel.

10 21 13 19-0146	EA	36" x 60", Floor And Ceiling Anchored, Solid Phenolic, One Compartment Corner Unit, Complete Toilet Partition	2,523.99	193.34
		For >10, Deduct	*-213.73*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*241.76*	
		For NFPA Class A, Add	*468.17*	
10 21 13 19-0147	EA	60" x 60", Floor And Ceiling Anchored, Solid Phenolic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	3,047.77	205.24
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*241.76*	
		For NFPA Class A, Add	*574.36*	
10 21 13 19-0148	EA	60" x 78", Floor And Ceiling Anchored, Solid Phenolic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	3,366.10	211.18
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*241.76*	
		For NFPA Class A, Add	*639.30*	

10 21 13 19-0149 Ceiling Hung, Solid Phenolic, Complete Toilet Partitions *(10 21 13 19-0136)*

Note: Excludes above ceiling steel.

10 21 13 19-0150	EA	36" x 60", Ceiling Hung, Solid Phenolic, One Compartment Corner Unit, Complete Toilet Partition	2,484.55	223.08
		For >10, Deduct	*-203.84*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*241.76*	
		For NFPA Class A, Add	*450.37*	
10 21 13 19-0151	EA	60" x 60", Ceiling Hung, Solid Phenolic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,991.50	234.98
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*241.76*	
		For NFPA Class A, Add	*553.02*	
10 21 13 19-0152	EA	60" x 78", Ceiling Hung, Solid Phenolic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	3,309.82	240.93
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*241.76*	
		For NFPA Class A, Add	*617.97*	

10 21 13 19-0153 Solid Phenolic Urinal Screens *(10 21 13 19-0135)*

Note: Includes all standard Bobrick colors.

10 21 13 19-0154 Floor Anchored, Solid Phenolic, Urinal Screens *(10 21 13 19-0153)*

10 21 13 19-0155	EA	24" x 58" x 1/2", Floor Anchored, Solid Phenolic, Urinal Screen	798.61	83.26
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For NFPA Class A, Add	*141.07*	
10 21 13 19-0156	EA	36" x 58" x 1/2", Floor Anchored, Solid Phenolic, Urinal Screen	903.66	89.20
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For NFPA Class A, Add	*161.23*	
10 21 13 19-0157	EA	48" x 58" x 1/2", Floor Anchored, Solid Phenolic, Urinal Screen	1,085.71	95.15
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For NFPA Class A, Add	*197.55*	

10 21 13 19-0158 Wall Hung, Solid Phenolic, Urinal Screens *(10 21 13 19-0153)*

10 21 13 19-0159	EA	18" x 42" x 1/2", Wall Hung, Solid Phenolic, Urinal Screen	507.66	71.35
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For NFPA Class A, Add	*83.77*	
10 21 13 19-0160	EA	24" x 42" x 1/2", Wall Hung, Solid Phenolic, Urinal Screen	588.85	77.31
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For NFPA Class A, Add	*98.92*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0161	EA	30" x 42" x 1/2", Wall Hung, Solid Phenolic, Urinal Screen	709.39	83.26
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For NFPA Class A, Add	*122.33*	

10 21 13 19-0162 Wall Hung And Post Supported, Solid Phenolic, Urinal Screens *(10 21 13 19-0153)*

10 21 13 19-0163	EA	18" x 58" x 1/2", Wall Hung And Post Supported, Solid Phenolic, Urinal Screen	514.81	77.31
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For NFPA Class A, Add	*83.37*	
10 21 13 19-0164	EA	24" x 58" x 1/2", Wall Hung And Post Supported, Solid Phenolic, Urinal Screen	646.75	83.26
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For NFPA Class A, Add	*109.18*	
10 21 13 19-0165	EA	30" x 58" x 1/2", Wall Hung And Post Supported, Solid Phenolic, Urinal Screen	757.37	89.20
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For NFPA Class A, Add	*130.51*	

10 21 13 19-0166 Wall Hung And Overhead Braced, Solid Phenolic, Urinal Screens *(10 21 13 19-0153)*

10 21 13 19-0167	EA	22" x 58" x 1/2", Wall Hung And Overhead Braced, Solid Phenolic, Urinal Screen	823.15	77.31
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For NFPA Class A, Add	*148.12*	
10 21 13 19-0168	EA	36" x 58" x 1/2", Wall Hung And Overhead Braced, Solid Phenolic, Urinal Screen	928.85	83.26
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For NFPA Class A, Add	*168.42*	
10 21 13 19-0169	EA	48" x 58" x 1/2", Wall Hung And Overhead Braced, Solid Phenolic, Urinal Screen	1,114.37	89.20
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For NFPA Class A, Add	*205.48*	

10 21 13 19-0170 Solid Phenolic Toilet Partition Doors, Panels And Pilasters *(10 21 13 19-0135)*

Note: Includes all standard Bobrick colors. See CSI section 10 21 13 43-0000 for accessories, 10 21 13 43-0001 for other accessories.

10 21 13 19-0171 Solid Phenolic, Toilet Partition Doors *(10 21 13 19-0170)*

10 21 13 19-0172	EA	24" x 58" x 3/4", Solid Phenolic, Toilet Partition Door	600.40	23.79
		For Heavy Gauge Full-Height SS Hinge, Add	*107.79*	
		For NFPA Class A, Add	*118.47*	
10 21 13 19-0173	EA	26" x 58" x 3/4", Solid Phenolic, Toilet Partition Door	621.18	23.79
		For Heavy Gauge Full-Height SS Hinge, Add	*107.79*	
		For NFPA Class A, Add	*122.83*	
10 21 13 19-0174	EA	30" x 58" x 3/4", Solid Phenolic, Toilet Partition Door	680.47	26.77
		For Heavy Gauge Full-Height SS Hinge, Add	*107.79*	
		For NFPA Class A, Add	*134.33*	
10 21 13 19-0175	EA	34" x 58" x 3/4", Solid Phenolic, ADA Compliant Toilet Partition Door	734.68	26.77
		For Heavy Gauge Full-Height SS Hinge, Add	*107.79*	
		For NFPA Class A, Add	*145.72*	
10 21 13 19-0176	EA	36" x 58" x 3/4", Solid Phenolic, ADA Compliant Toilet Partition Door	790.36	26.77
		For Heavy Gauge Full-Height SS Hinge, Add	*107.79*	
		For NFPA Class A, Add	*157.41*	

10 21 13 19-0177 Solid Phenolic, Toilet Partition Panels *(10 21 13 19-0170)*

10 21 13 19-0178	EA	6" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel	186.59	35.69
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For NFPA Class A, Add	*27.76*	
10 21 13 19-0179	EA	12" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel	250.11	38.67
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For NFPA Class A, Add	*40.15*	
10 21 13 19-0180	EA	18" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel	342.42	41.64
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For NFPA Class A, Add	*58.58*	
10 21 13 19-0181	EA	24" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel	435.71	44.62
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For NFPA Class A, Add	*77.22*	
10 21 13 19-0182	EA	30" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel	486.19	47.59
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For NFPA Class A, Add	*86.87*	
10 21 13 19-0183	EA	36" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel	539.22	50.57
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For NFPA Class A, Add	*97.06*	
10 21 13 19-0184	EA	42" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel	630.04	53.54
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For NFPA Class A, Add	*115.18*	
10 21 13 19-0185	EA	48" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel	723.58	56.52
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For NFPA Class A, Add	*133.87*	
10 21 13 19-0186	EA	55" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel	771.88	59.48
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For NFPA Class A, Add	*143.06*	
10 21 13 19-0187	EA	58" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel	793.49	60.68
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For NFPA Class A, Add	*147.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0188	EA	60" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel	808.62	62.46
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For NFPA Class A, Add	*149.82*	
10 21 13 19-0189	EA	70" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel	931.60	65.43
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For NFPA Class A, Add	*174.70*	
10 21 13 19-0190	EA	78" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel	1,126.94	68.41
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For NFPA Class A, Add	*214.77*	
10 21 13 19-0191		**69" Long, Solid Phenolic, Toilet Partition Pilasters** *(10 21 13 19-0170)*		
10 21 13 19-0192	EA	Up To 4" x 69" x 3/4", Solid Phenolic, Toilet Partition Pilaster	284.38	17.85
		For 1" Pilaster, Add	*31.09*	
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For NFPA Class A, Add	*54.01*	
10 21 13 19-0193	EA	5" x 69" x 3/4", Solid Phenolic, Toilet Partition Pilaster	327.28	20.82
		For 1" Pilaster, Add	*35.71*	
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For NFPA Class A, Add	*62.07*	
10 21 13 19-0194	EA	6" x 69" x 3/4", Solid Phenolic, Toilet Partition Pilaster	333.23	23.79
		For 1" Pilaster, Add	*35.71*	
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For NFPA Class A, Add	*62.36*	
10 21 13 19-0195	EA	8" x 69" x 3/4", Solid Phenolic, Toilet Partition Pilaster	386.15	26.77
		For 1" Pilaster, Add	*41.58*	
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For NFPA Class A, Add	*72.53*	
10 21 13 19-0196	EA	10" x 69" x 3/4", Solid Phenolic, Toilet Partition Pilaster	434.43	29.74
		For 1" Pilaster, Add	*46.87*	
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For NFPA Class A, Add	*81.71*	
10 21 13 19-0197	EA	12" x 69" x 3/4", Solid Phenolic, Toilet Partition Pilaster	482.73	32.72
		For 1" Pilaster, Add	*52.16*	
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For NFPA Class A, Add	*90.90*	
10 21 13 19-0198	EA	16" x 69" x 3/4", Solid Phenolic, Toilet Partition Pilaster	618.80	35.69
		For 1" Pilaster, Add	*68.43*	
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For NFPA Class A, Add	*118.53*	
10 21 13 19-0199	EA	20" x 69" x 3/4", Solid Phenolic, Toilet Partition Pilaster	761.03	38.67
		For 1" Pilaster, Add	*85.46*	
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For NFPA Class A, Add	*147.44*	
10 21 13 19-0200	EA	24" x 69" x 3/4", Solid Phenolic, Toilet Partition Pilaster	799.32	41.64
		For 1" Pilaster, Add	*89.50*	
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For NFPA Class A, Add	*154.53*	
10 21 13 19-0201		**83" Long, Solid Phenolic, Toilet Partition Pilasters** *(10 21 13 19-0170)*		
10 21 13 19-0202	EA	Up To 4" x 83" x 3/4", Solid Phenolic, Toilet Partition Pilaster	312.09	17.85
		For 1" Pilaster, Add	*34.55*	
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For NFPA Class A, Add	*59.83*	
10 21 13 19-0203	EA	5" x 83" x 3/4", Solid Phenolic, Toilet Partition Pilaster	365.78	20.82
		For 1" Pilaster, Add	*40.52*	
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For NFPA Class A, Add	*70.15*	
10 21 13 19-0204	EA	6" x 83" x 3/4", Solid Phenolic, Toilet Partition Pilaster	371.73	23.79
		For 1" Pilaster, Add	*40.52*	
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For NFPA Class A, Add	*70.45*	
10 21 13 19-0205	EA	8" x 83" x 3/4", Solid Phenolic, Toilet Partition Pilaster	430.80	26.77
		For 1" Pilaster, Add	*47.16*	
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For NFPA Class A, Add	*81.90*	
10 21 13 19-0206	EA	10" x 83" x 3/4", Solid Phenolic, Toilet Partition Pilaster	486.79	29.74
		For 1" Pilaster, Add	*53.41*	
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For NFPA Class A, Add	*92.71*	
10 21 13 19-0207	EA	12" x 83" x 3/4", Solid Phenolic, Toilet Partition Pilaster	543.18	32.72
		For 1" Pilaster, Add	*59.72*	
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For NFPA Class A, Add	*103.60*	
10 21 13 19-0208	EA	16" x 83" x 3/4", Solid Phenolic, Toilet Partition Pilaster	708.88	35.69
		For 1" Pilaster, Add	*79.69*	
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For NFPA Class A, Add	*137.44*	
10 21 13 19-0209	EA	20" x 83" x 3/4", Solid Phenolic, Toilet Partition Pilaster	845.36	38.67
		For 1" Pilaster, Add	*96.00*	
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For NFPA Class A, Add	*165.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0210	EA	24" x 83" x 3/4", Solid Phenolic, Toilet Partition Pilaster	889.03	41.64
		For 1" Pilaster, Add	*100.72*	
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For NFPA Class A, Add	*173.37*	
10 21 13 19-0211		**96" To 120" Long, Solid Phenolic, Toilet Partition Pilasters** *(10 21 13 19-0170)*		
10 21 13 19-0212	EA	Up To 4" x 96" To 120" x 3/4", Solid Phenolic, Toilet Partition Pilaster	351.71	23.79
		For 1" Pilaster, Add	*38.02*	
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For NFPA Class A, Add	*66.24*	
10 21 13 19-0213	EA	5" x 96" To 120" x 3/4", Solid Phenolic, Toilet Partition Pilaster	416.17	26.77
		For 1" Pilaster, Add	*45.33*	
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For NFPA Class A, Add	*78.83*	
10 21 13 19-0214	EA	6" x 96" To 120" x 3/4", Solid Phenolic, Toilet Partition Pilaster	422.11	29.74
		For 1" Pilaster, Add	*45.33*	
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For NFPA Class A, Add	*79.13*	
10 21 13 19-0215	EA	8" x 96" To 120" x 3/4", Solid Phenolic, Toilet Partition Pilaster	487.35	32.72
		For 1" Pilaster, Add	*52.74*	
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For NFPA Class A, Add	*91.87*	
10 21 13 19-0216	EA	10" x 96" To 120" x 3/4", Solid Phenolic, Toilet Partition Pilaster	551.04	35.69
		For 1" Pilaster, Add	*59.96*	
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For NFPA Class A, Add	*104.30*	
10 21 13 19-0217	EA	12" x 96" To 120" x 3/4", Solid Phenolic, Toilet Partition Pilaster	615.52	38.67
		For 1" Pilaster, Add	*67.27*	
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For NFPA Class A, Add	*116.88*	
10 21 13 19-0218	EA	16" x 96" To 120" x 3/4", Solid Phenolic, Toilet Partition Pilaster	810.87	41.64
		For 1" Pilaster, Add	*90.95*	
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For NFPA Class A, Add	*156.96*	
10 21 13 19-0219	EA	20" x 96" To 120" x 3/4", Solid Phenolic, Toilet Partition Pilaster	941.55	44.62
		For 1" Pilaster, Add	*106.54*	
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For NFPA Class A, Add	*183.45*	
10 21 13 19-0220	EA	24" x 96" To 120" x 3/4", Solid Phenolic, Toilet Partition Pilaster	990.61	47.59
		For 1" Pilaster, Add	*111.93*	
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
		For NFPA Class A, Add	*192.80*	
10 21 13 19-0221		**Solid Polyester (Corian) Toilet Partitions And Urinal Screens** *(10 21 13 19)*		
		Note: Complete toilet partitions for corner installations. Includes 1/2" door (1" at edge), 1" pilaster, 1/2" separator panel, trim shoes, and standard stainless steel hardware as required. For alcove, recessed or configurations other than corner installations use either: (1) the appropriate corner unit and add individual components or (2) individual components. Individual components include trim shoes and standard stainless steel hardware as required. Produced or cast by combining unsaturated polyester resin with a combination of fillers, pigments and catalysts.		
10 21 13 19-0222		**Solid Polyester (Corian) Toilet Partitions** *(10 21 13 19-0221)*		
		Note: Small particulate finish.		
10 21 13 19-0223		**Floor Anchored, Solid Polyester (Corian), Complete Toilet Partitions** *(10 21 13 19-0222)*		
10 21 13 19-0224	EA	36" x 60", Floor Anchored, Solid Polyester (Corian), One Compartment Corner Unit, Complete Toilet Partition	4,993.33	133.84
		For >10, Deduct	*-472.56*	
		For Solid Color Material (No Particulate), Deduct	*-1,086.89*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*241.76*	
10 21 13 19-0225	EA	60" x 60", Floor Anchored, Solid Polyester (Corian), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	6,033.31	145.75
		For Solid Color Material (No Particulate), Deduct	*-1,320.62*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*241.76*	
10 21 13 19-0226	EA	60" x 78", Floor Anchored, Solid Polyester (Corian), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	6,692.67	151.70
		For Solid Color Material (No Particulate), Deduct	*-1,469.53*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*241.76*	
10 21 13 19-0227		**Overhead Braced, Solid Polyester (Corian), Complete Toilet Partitions** *(10 21 13 19-0222)*		
10 21 13 19-0228	EA	36" x 60", Overhead Braced, Solid Polyester (Corian), One Compartment Corner Unit, Complete Toilet Partition	5,181.53	163.60
		For >10, Deduct	*-485.44*	
		For Solid Color Material (No Particulate), Deduct	*-1,116.50*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*241.76*	
10 21 13 19-0229	EA	60" x 60", Overhead Braced, Solid Polyester (Corian), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	6,815.16	175.49
		For Solid Color Material (No Particulate), Deduct	*-1,486.76*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*241.76*	
10 21 13 19-0230	EA	60" x 78", Overhead Braced, Solid Polyester (Corian), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	7,547.02	181.44
		For Solid Color Material (No Particulate), Deduct	*-1,652.35*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*241.76*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0231		Floor And Ceiling Anchored, Solid Polyester (Corian), Complete Toilet Partitions *(10 21 13 19-0222)*		
		Note: Excludes above ceiling steel.		
10 21 13 19-0232	EA	36" x 60", Floor And Ceiling Anchored, Solid Polyester (Corian), One Compartment Corner Unit, Complete Toilet Partition	5,802.50	193.34
		For >10, Deduct	*-541.58*	
		For Solid Color Material (No Particulate), Deduct	*-1,245.64*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*241.76*	
10 21 13 19-0233	EA	60" x 60", Floor And Ceiling Anchored, Solid Polyester (Corian), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	7,803.64	205.24
		For Solid Color Material (No Particulate), Deduct	*-1,700.43*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*241.76*	
10 21 13 19-0234	EA	60" x 78", Floor And Ceiling Anchored, Solid Polyester (Corian), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	8,534.94	211.18
		For Solid Color Material (No Particulate), Deduct	*-1,865.89*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*241.76*	
10 21 13 19-0235		Ceiling Hung, Solid Polyester (Corian), Complete Toilet Partitions *(10 21 13 19-0222)*		
		Note: Excludes above ceiling steel.		
10 21 13 19-0236	EA	36" x 60", Ceiling Hung, Solid Polyester (Corian), One Compartment Corner Unit, Complete Toilet Partition	5,855.03	223.08
		For >10, Deduct	*-540.89*	
		For Solid Color Material (No Particulate), Deduct	*-1,244.04*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*241.76*	
10 21 13 19-0237	EA	60" x 60", Ceiling Hung, Solid Polyester (Corian), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	7,489.25	234.98
		For Solid Color Material (No Particulate), Deduct	*-1,614.43*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*241.76*	
10 21 13 19-0238	EA	60" x 78", Ceiling Hung, Solid Polyester (Corian), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	8,220.52	240.93
		For Solid Color Material (No Particulate), Deduct	*-1,779.89*	
		For Heavy Gauge Full-Height SS Hinges And Brackets, Add	*241.76*	
10 21 13 19-0239		Solid Polyester (Corian) Urinal Screens *(10 21 13 19-0221)*		
10 21 13 19-0240		Floor Anchored, Solid Polyester (Corian), Urinal Screens *(10 21 13 19-0239)*		
10 21 13 19-0241	EA	24" x 58" x 1/2", Floor Anchored, Solid Polyester (Corian), Urinal Screen	1,368.52	83.26
		For Solid Color Material (No Particulate), Deduct	*-276.46*	
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
10 21 13 19-0242	EA	36" x 58" x 1/2", Floor Anchored, Solid Polyester (Corian), Urinal Screen	1,812.06	89.20
		For Solid Color Material (No Particulate), Deduct	*-375.74*	
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
10 21 13 19-0243	EA	48" x 58" x 1/2", Floor Anchored, Solid Polyester (Corian), Urinal Screen	2,255.61	95.15
		For Solid Color Material (No Particulate), Deduct	*-475.02*	
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
10 21 13 19-0244		Wall Hung, Solid Polyester (Corian), Urinal Screens *(10 21 13 19-0239)*		
10 21 13 19-0245	EA	18" x 42" x 1/2", Wall Hung, Solid Polyester (Corian), Urinal Screen	694.81	71.35
		For Solid Color Material (No Particulate), Deduct	*-126.98*	
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
10 21 13 19-0246	EA	24" x 42" x 1/2", Wall Hung, Solid Polyester (Corian), Urinal Screen	890.72	77.31
		For Solid Color Material (No Particulate), Deduct	*-169.31*	
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
10 21 13 19-0247	EA	30" x 42" x 1/2", Wall Hung, Solid Polyester (Corian), Urinal Screen	1,086.65	83.26
		For Solid Color Material (No Particulate), Deduct	*-211.63*	
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
10 21 13 19-0248		Wall Hung And Post Supported, Solid Polyester (Corian), Urinal Screens *(10 21 13 19-0239)*		
10 21 13 19-0249	EA	18" x 58" x 1/2", Wall Hung And Post Supported, Solid Polyester (Corian), Urinal Screen	911.91	77.31
		For Solid Color Material (No Particulate), Deduct	*-174.18*	
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
10 21 13 19-0250	EA	24" x 58" x 1/2", Wall Hung And Post Supported, Solid Polyester (Corian), Urinal Screen	1,139.64	83.26
		For Solid Color Material (No Particulate), Deduct	*-223.82*	
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
10 21 13 19-0251	EA	30" x 58" x 1/2", Wall Hung And Post Supported, Solid Polyester (Corian), Urinal Screen	1,367.34	89.20
		For Solid Color Material (No Particulate), Deduct	*-273.46*	
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
10 21 13 19-0252		Wall Hung And Overhead Braced, Solid Polyester (Corian), Urinal Screens *(10 21 13 19-0239)*		
10 21 13 19-0253	EA	22" x 58" x 1/2", Wall Hung And Overhead Braced, Solid Polyester (Corian), Urinal Screen	1,403.67	77.31
		For Solid Color Material (No Particulate), Deduct	*-287.28*	
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
10 21 13 19-0254	EA	34" x 58" x 1/2", Wall Hung And Overhead Braced, Solid Polyester (Corian), Urinal Screen	1,847.22	83.26
		For Solid Color Material (No Particulate), Deduct	*-386.57*	
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0255	EA	46" x 58" x 1/2", Wall Hung And Overhead Braced, Solid Polyester (Corian), Urinal Screen	2,290.76	89.20
		For Solid Color Material (No Particulate), Deduct	*-485.85*	
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	

10 21 13 19-0256 Solid Polyester (Corian) Toilet Partition Doors, Panels And Pilasters *(10 21 13 19-0221)*

See CSI section 10 21 13 43-0000 for accessories, 10 21 13 43-0001 for other accessories.

10 21 13 19-0257 Solid Polyester (Corian), Toilet Partition Doors *(10 21 13 19-0256)*

10 21 13 19-0258	EA	24" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Door	1,090.73	23.79
		For Solid Color Material (No Particulate), Deduct	*-239.92*	
		For Heavy Gauge Full-Height SS Hinge, Add	*107.79*	
10 21 13 19-0259	EA	26" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Door	1,165.28	23.79
		For Solid Color Material (No Particulate), Deduct	*-257.07*	
		For Heavy Gauge Full-Height SS Hinge, Add	*107.79*	
10 21 13 19-0260	EA	30" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Door	1,328.91	26.77
		For Solid Color Material (No Particulate), Deduct	*-293.34*	
		For Heavy Gauge Full-Height SS Hinge, Add	*107.79*	
10 21 13 19-0261	EA	34" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Door	1,482.76	26.77
		For Solid Color Material (No Particulate), Deduct	*-328.72*	
		For Heavy Gauge Full-Height SS Hinge, Add	*107.79*	
10 21 13 19-0262	EA	36" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Door	1,549.71	26.77
		For Solid Color Material (No Particulate), Deduct	*-344.12*	
		For Heavy Gauge Full-Height SS Hinge, Add	*107.79*	

10 21 13 19-0263 Solid Polyester (Corian), Toilet Partition Panels *(10 21 13 19-0256)*

10 21 13 19-0264	EA	6" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel	287.19	35.69
		For Solid Color Material (No Particulate), Deduct	*-49.64*	
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
10 21 13 19-0265	EA	12" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel	508.99	38.67
		For Solid Color Material (No Particulate), Deduct	*-99.28*	
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
10 21 13 19-0266	EA	18" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel	730.75	41.64
		For Solid Color Material (No Particulate), Deduct	*-148.92*	
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
10 21 13 19-0267	EA	24" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel	952.54	44.62
		For Solid Color Material (No Particulate), Deduct	*-198.56*	
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
10 21 13 19-0268	EA	30" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel	1,174.30	47.59
		For Solid Color Material (No Particulate), Deduct	*-248.20*	
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
10 21 13 19-0269	EA	36" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel	1,396.06	50.57
		For Solid Color Material (No Particulate), Deduct	*-297.83*	
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
10 21 13 19-0270	EA	42" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel	1,617.85	53.54
		For Solid Color Material (No Particulate), Deduct	*-347.48*	
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
10 21 13 19-0271	EA	48" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel	1,839.61	56.52
		For Solid Color Material (No Particulate), Deduct	*-397.11*	
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
10 21 13 19-0272	EA	55" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel	2,097.35	59.48
		For Solid Color Material (No Particulate), Deduct	*-455.03*	
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
10 21 13 19-0273	EA	58" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel	2,207.65	60.68
		For Solid Color Material (No Particulate), Deduct	*-479.85*	
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
10 21 13 19-0274	EA	60" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel	2,283.16	62.46
		For Solid Color Material (No Particulate), Deduct	*-496.39*	
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
10 21 13 19-0275	EA	70" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel	2,648.80	65.43
		For Solid Color Material (No Particulate), Deduct	*-579.12*	
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
10 21 13 19-0276	EA	78" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel	2,942.51	68.41
		For Solid Color Material (No Particulate), Deduct	*-645.31*	
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	

10 21 13 19-0277 72" Long, Solid Polyester (Corian), Toilet Partition Pilasters *(10 21 13 19-0256)*

10 21 13 19-0278	EA	Up To 4" x 72" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	374.41	17.85
		For Solid Color Material (No Particulate), Deduct	*-77.91*	
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
10 21 13 19-0279	EA	5" x 72" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	465.04	20.82
		For Solid Color Material (No Particulate), Deduct	*-97.38*	
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
10 21 13 19-0280	EA	6" x 72" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	555.67	23.79
		For Solid Color Material (No Particulate), Deduct	*-116.86*	
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
10 21 13 19-0281	EA	8" x 72" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	731.01	26.77
		For Solid Color Material (No Particulate), Deduct	*-155.82*	
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
10 21 13 19-0282	EA	10" x 72" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	906.31	29.74
		For Solid Color Material (No Particulate), Deduct	*-194.77*	
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0283	EA	12" x 72" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	1,081.62	32.72
		For Solid Color Material (No Particulate), Deduct	*-233.72*	
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
10 21 13 19-0284	EA	18" x 72" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	1,595.65	35.69
		For Solid Color Material (No Particulate), Deduct	*-350.58*	
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
10 21 13 19-0285	EA	22" x 72" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	1,940.35	38.67
		For Solid Color Material (No Particulate), Deduct	*-428.49*	
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
10 21 13 19-0286	EA	24" x 72" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	2,115.66	41.64
		For Solid Color Material (No Particulate), Deduct	*-467.45*	
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
10 21 13 19-0287		**82" Long, Solid Polyester (Corian), Toilet Partition Pilasters** *(10 21 13 19-0256)*		
10 21 13 19-0288	EA	Up To 4" x 82" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	421.45	17.85
		For Solid Color Material (No Particulate), Deduct	*-88.72*	
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
10 21 13 19-0289	EA	5" x 82" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	523.87	20.82
		For Solid Color Material (No Particulate), Deduct	*-110.91*	
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
10 21 13 19-0290	EA	6" x 82" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	615.22	23.79
		For Solid Color Material (No Particulate), Deduct	*-130.55*	
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
10 21 13 19-0291	EA	8" x 82" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	839.80	26.77
		For Solid Color Material (No Particulate), Deduct	*-180.84*	
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
10 21 13 19-0292	EA	10" x 82" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	1,023.91	29.74
		For Solid Color Material (No Particulate), Deduct	*-221.82*	
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
10 21 13 19-0293	EA	12" x 82" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	1,222.74	32.72
		For Solid Color Material (No Particulate), Deduct	*-266.18*	
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
10 21 13 19-0294	EA	18" x 82" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	1,807.36	35.69
		For Solid Color Material (No Particulate), Deduct	*-399.28*	
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
10 21 13 19-0295	EA	22" x 82" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	2,199.11	38.67
		For Solid Color Material (No Particulate), Deduct	*-488.01*	
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
10 21 13 19-0296	EA	24" x 82" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	2,397.94	41.64
		For Solid Color Material (No Particulate), Deduct	*-532.37*	
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
10 21 13 19-0297		**96" To 120" Long, Solid Polyester (Corian), Toilet Partition Pilasters** *(10 21 13 19-0256)*		
10 21 13 19-0298	EA	Up To 4" x 96" To 120" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	555.67	23.79
		For Solid Color Material (No Particulate), Deduct	*-116.86*	
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
10 21 13 19-0299	EA	5" x 96" To 120" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	688.65	26.77
		For Solid Color Material (No Particulate), Deduct	*-146.08*	
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
10 21 13 19-0300	EA	6" x 96" To 120" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	821.63	29.74
		For Solid Color Material (No Particulate), Deduct	*-175.29*	
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
10 21 13 19-0301	EA	8" x 96" To 120" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	1,081.62	32.72
		For Solid Color Material (No Particulate), Deduct	*-233.72*	
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
10 21 13 19-0302	EA	10" x 96" To 120" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	1,341.61	35.69
		For Solid Color Material (No Particulate), Deduct	*-292.15*	
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
10 21 13 19-0303	EA	12" x 96" To 120" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	1,601.61	38.67
		For Solid Color Material (No Particulate), Deduct	*-350.58*	
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
10 21 13 19-0304	EA	18" x 96" To 120" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	2,369.70	41.64
		For Solid Color Material (No Particulate), Deduct	*-525.87*	
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
10 21 13 19-0305	EA	22" x 96" To 120" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	2,883.76	44.62
		For Solid Color Material (No Particulate), Deduct	*-642.74*	
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
10 21 13 19-0306	EA	24" x 96" To 120" x 1", Solid Polyester (Corian), Toilet Partition Pilaster	3,143.75	47.59
		For Solid Color Material (No Particulate), Deduct	*-701.17*	
		For Heavy Gauge Full-Height SS Brackets, Add	*66.98*	
10 21 13 43		**Compartments and Cubicles Common Accessories** *(10 21 13)*		
10 21 13 43-0001		Accessories *(10 21 13 43)*		
10 21 13 43-0002	LF	Extruded Aluminum Headrails For Toilet Partitions And Urinal Screens	14.38	2.38
10 21 13 43-0003	LF	Stainless Steel Headrails For Toilet Partitions And Urinal Screens	24.62	2.38
10 21 13 43-0004	EA	Replacement Of 1-1/2" x 58" Stainless Steel Wall Posts	118.67	
10 21 13 43-0005	EA	Replacement Of 58" Aluminum Wall U Bracket	75.37	
10 21 13 43-0006	EA	Replacement Of 58" Aluminum Wall Two Ear Bracket	125.51	
10 21 13 43-0007	EA	Replacement Of 54" Stainless Steel Wall U Bracket	91.11	
10 21 13 43-0008	EA	Replacement Of 54" Stainless Steel Wall Two Ear Bracket	220.27	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 43-0009	EA	Replacement Of 54" Plastic Wall Two Ear Bracket, All Colors	191.88	
10 21 13 43-0010	EA	Replacement Of 57-1/2" Stainless Steel Hinge	149.12	

10 21 16 Shower and Dressing Compartments *(10 21)*

10 21 16 17 Phenolic-Core Shower and Dressing Compartments *(10 21 16)*

10 21 16 17-0001 Shower Dividers *(10 21 16 17)*

10 21 16 17-0002 Solid Phenolic Core Laminated Plastic, Shower Dividers *(10 21 16 17-0001)*

Note: Cut to height in field. panels 58" high. Posts 1-1/4" square, 304 stainless steel satin finish. 1/2" thick panels.

10 21 16 17-0003	EA	18" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider	1,303.10	148.72
		For 66" High Panels, Add	*150.85*	
10 21 16 17-0004	EA	24" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider	1,662.13	160.62
		For 66" High Panels, Add	*201.13*	
10 21 16 17-0005	EA	36" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider	2,176.71	178.46
		For 66" High Panels, Add	*272.96*	
10 21 16 17-0006	EA	48" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider	2,571.39	208.21
		For 66" High Panels, Add	*323.25*	
10 21 16 17-0007	EA	57" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider	2,966.11	237.96
		For 66" High Panels, Add	*373.53*	

10 21 16 17-0008 Solid Phenolic Core Laminated Plastic, Shower Dividers With Headrail And Curtain Track *(10 21 16 17-0001)*

Note: Cut to height in field. Panels 58" high. Posts 1-1/4" square, 304 stainless steel satin finish. 1/2" thick panels. Includes 3/4" stiles, 85" from floor to top of headrail. Headrail 4" wide. All stainless steel shoes and stainless steel fittings. Leveling devices are chromate treated double zinc plated steel. Overhead braced designed with concealed curtain tracks and hooks in headrail.

10 21 16 17-0009	EA	18" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider With Headrail And Curtain Track	3,236.41	261.39
		For 66" High Panels, Add	*459.32*	
		For 6" Wide Head Rail, Add	*86.64*	
		For 8" Wide Head Rail, Add	*119.00*	
		For 10" Wide Head Rail, Add	*146.14*	
		For 12" Wide Head Rail, Add	*175.89*	
		For 18" Wide, 1/2" Thick Bench, Add	*137.28*	
		For 24" Wide, 1/2" Thick Bench, Add	*177.28*	
10 21 16 17-0010	EA	24" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider With Headrail And Curtain Track	4,029.49	285.42
		For 66" High Panels, Add	*575.88*	
		For 6" Wide Head Rail, Add	*109.47*	
		For 8" Wide Head Rail, Add	*149.76*	
		For 10" Wide Head Rail, Add	*184.35*	
		For 12" Wide Head Rail, Add	*221.79*	
		For 18" Wide, 1/2" Thick Bench, Add	*142.09*	
		For 24" Wide, 1/2" Thick Bench, Add	*182.09*	
10 21 16 17-0011	EA	36" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider With Headrail And Curtain Track	5,129.78	303.51
		For 66" High Panels, Add	*739.12*	
		For 6" Wide Head Rail, Add	*141.75*	
		For 8" Wide Head Rail, Add	*193.05*	
		For 10" Wide Head Rail, Add	*238.28*	
		For 12" Wide Head Rail, Add	*286.54*	
		For 18" Wide, 1/2" Thick Bench, Add	*145.70*	
		For 24" Wide, 1/2" Thick Bench, Add	*185.70*	
10 21 16 17-0012	EA	48" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider With Headrail And Curtain Track	5,467.94	339.56
		For 66" High Panels, Add	*786.24*	
		For 6" Wide Head Rail, Add	*150.46*	
		For 8" Wide Head Rail, Add	*205.14*	
		For 10" Wide Head Rail, Add	*253.02*	
		For 12" Wide Head Rail, Add	*304.31*	
		For 18" Wide, 1/2" Thick Bench, Add	*152.91*	
		For 24" Wide, 1/2" Thick Bench, Add	*192.91*	
10 21 16 17-0013	EA	57" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider With Headrail And Curtain Track	6,271.79	369.06
		For 66" High Panels, Add	*903.87*	
		For 6" Wide Head Rail, Add	*173.39*	
		For 8" Wide Head Rail, Add	*236.11*	
		For 10" Wide Head Rail, Add	*291.45*	
		For 12" Wide Head Rail, Add	*350.47*	
		For 18" Wide, 1/2" Thick Bench, Add	*158.81*	
		For 24" Wide, 1/2" Thick Bench, Add	*198.81*	

10 22 Partitions *(10 20)*

10 22 13 Wire Mesh Partitions *(10 22)*

10 22 13 00-0001 Wall Panels *(10 22 13)*

Note: Includes steel frame and posts. Posts bolted to floor.

10 22 13 00-0002	SF	Wire Mesh Wall Panel, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames And Posts	15.09	1.49
		For 5' Wide Panels, Add	*0.61*	
10 22 13 00-0003	SF	Wire Mesh Wall Panel, 8 Gauge, Diamond Pattern With Vertical And Horizontal Frames And Posts	16.71	1.78
		For 5' Wide Panels, Add	*0.66*	
10 22 13 00-0004	SF	Wire Mesh Wall Panel, 6 Gauge, Diamond Pattern With Vertical And Horizontal Frames And Posts	25.42	2.08
		For 5' Wide Panels, Add	*1.06*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 22 13 00-0005		**Ceiling Panels** *(10 22 13)*		
		Note: Includes steel frame.		
10 22 13 00-0006	SF	Wire Mesh Ceiling Panel, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames And Posts	15.62	1.78
10 22 13 00-0007	SF	Wire Mesh Ceiling Panel, 8 Gauge, Diamond Pattern With Vertical And Horizontal Frames And Posts	17.25	2.08
10 22 13 00-0008	SF	Wire Mesh Ceiling Panel, 6 Gauge, Diamond Pattern With Vertical And Horizontal Frames And Posts	19.09	2.38
10 22 13 00-0009		**Sliding Doors** *(10 22 13)*		
		Note: Includes padlocks lugs and/or provisions for cylinder lock.		
10 22 13 00-0010	EA	4' x 8' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Sliding Door, With Cylinder Lock	1,419.90	312.32
		For 8 Gauge, Add	*150.52*	
		For 6 Gauge, Add	*301.04*	
10 22 13 00-0011	EA	4' x 10' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Sliding Door, With Cylinder Lock	1,496.12	345.03
		For 8 Gauge, Add	*155.41*	
		For 6 Gauge, Add	*310.82*	
10 22 13 00-0012	EA	5' x 8' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Sliding Door, With Cylinder Lock	1,635.83	356.94
		For 8 Gauge, Add	*173.99*	
		For 6 Gauge, Add	*347.98*	
10 22 13 00-0013	EA	5' x 10' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Sliding Door, With Cylinder Lock	1,784.30	386.68
		For 8 Gauge, Add	*190.31*	
		For 6 Gauge, Add	*380.62*	
10 22 13 00-0014	EA	6' x 8' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Sliding Door, With Cylinder Lock	1,845.35	410.47
		For 8 Gauge, Add	*194.71*	
		For 6 Gauge, Add	*389.42*	
10 22 13 00-0015	EA	6' x 10' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Sliding Door, With Cylinder Lock	2,030.43	434.27
		For 8 Gauge, Add	*217.71*	
		For 6 Gauge, Add	*435.42*	
10 22 13 00-0016	EA	8' x 8' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Sliding Door, With Cylinder Lock	2,182.15	466.99
		For 8 Gauge, Add	*233.92*	
		For 6 Gauge, Add	*467.85*	
10 22 13 00-0017	EA	8' x 10' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Sliding Door, With Cylinder Lock	2,374.74	487.80
		For 8 Gauge, Add	*258.65*	
		For 6 Gauge, Add	*517.30*	
10 22 13 00-0018	EA	10' x 8' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Sliding Door, With Cylinder Lock	2,395.85	499.71
		For 8 Gauge, Add	*259.44*	
		For 6 Gauge, Add	*518.87*	
10 22 13 00-0019	EA	10' x 10' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Sliding Door, With Cylinder Lock	2,644.04	529.45
		For 8 Gauge, Add	*290.72*	
		For 6 Gauge, Add	*581.43*	
10 22 13 00-0020		**Swing Doors** *(10 22 13)*		
10 22 13 00-0021		**Single Swing Door** *(10 22 13 00-0020)*		
10 22 13 00-0022	EA	3' x 7' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Swing Door, With Cylinder Lock	970.80	184.41
		For 8 Gauge, Add	*105.96*	
		For 6 Gauge, Add	*211.92*	
10 22 13 00-0023	EA	3' x 8' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Swing Door, With Cylinder Lock	1,044.55	208.21
		For 8 Gauge, Add	*115.04*	
		For 6 Gauge, Add	*230.08*	
10 22 13 00-0024	EA	3' x 9' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Swing Door, With Cylinder Lock	1,119.56	220.11
		For 8 Gauge, Add	*123.91*	
		For 6 Gauge, Add	*247.83*	
10 22 13 00-0025	EA	4' x 7' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Swing Door, With Cylinder Lock	1,104.04	237.96
		For 8 Gauge, Add	*118.02*	
		For 6 Gauge, Add	*236.03*	
10 22 13 00-0026	EA	4' x 8' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Swing Door, With Cylinder Lock	1,181.75	249.85
		For 8 Gauge, Add	*127.29*	
		For 6 Gauge, Add	*254.58*	
10 22 13 00-0027	EA	4' x 9' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Swing Door, With Cylinder Lock	1,234.79	261.75
		For 8 Gauge, Add	*132.87*	
		For 6 Gauge, Add	*265.74*	
10 22 13 00-0028		**Double Swing Doors** *(10 22 13 00-0020)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 22 13 00-0029	EA	6' x 7' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Double Swing Door, With Cylinder Lock	1,535.72	297.44
		For 8 Gauge, Add	*170.87*	
		For 6 Gauge, Add	*341.74*	
10 22 13 00-0030	EA	6' x 8' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Double Swing Door, With Cylinder Lock	1,662.09	315.29
		For 8 Gauge, Add	*186.26*	
		For 6 Gauge, Add	*372.51*	
10 22 13 00-0031	EA	6' x 9' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Double Swing Door, With Cylinder Lock	1,788.45	333.13
		For 8 Gauge, Add	*201.64*	
		For 6 Gauge, Add	*403.28*	
10 22 13 00-0032	EA	8 x 7' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Double Swing Door, With Cylinder Lock	1,919.72	356.94
		For 8 Gauge, Add	*216.57*	
		For 6 Gauge, Add	*433.14*	
10 22 13 00-0033	EA	8 x 8' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Double Swing Door, With Cylinder Lock	2,101.62	374.78
		For 8 Gauge, Add	*240.29*	
		For 6 Gauge, Add	*480.58*	
10 22 13 00-0034	EA	8 x 9' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Double Swing Door, With Cylinder Lock	2,281.43	392.63
		For 8 Gauge, Add	*263.69*	
		For 6 Gauge, Add	*527.38*	

10 22 13 00-0035 Dutch Doors *(10 22 13)*

Note: Includes padlocks lugs and/or provisions for cylinder lock.

10 22 13 00-0036	EA	3' x 7' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Dutch Door, With Cylinder Lock	1,316.42	184.41
		For 8 Gauge, Add	*157.80*	
		For 6 Gauge, Add	*315.61*	
10 22 13 00-0037	EA	3' x 8' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Dutch Door, With Cylinder Lock	1,396.33	208.21
		For 8 Gauge, Add	*167.81*	
		For 6 Gauge, Add	*335.62*	
10 22 13 00-0038	EA	3' x 9' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Dutch Door, With Cylinder Lock	1,437.16	220.11
		For 8 Gauge, Add	*171.55*	
		For 6 Gauge, Add	*343.11*	
10 22 13 00-0039	EA	3' x 10' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Dutch Door, With Cylinder Lock	1,513.68	249.85
		For 8 Gauge, Add	*177.08*	
		For 6 Gauge, Add	*354.16*	
10 22 13 00-0040	EA	4' x 7' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Dutch Door, With Cylinder Lock	1,454.66	237.96
		For 8 Gauge, Add	*170.61*	
		For 6 Gauge, Add	*341.22*	
10 22 13 00-0041	EA	4' x 8' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Dutch Door, With Cylinder Lock	1,543.36	249.85
		For 8 Gauge, Add	*181.53*	
		For 6 Gauge, Add	*363.07*	

10 22 19 Demountable Partitions *(10 22)*

10 22 19 13 Demountable Metal Partitions *(10 22 19)*

10 22 19 13-0001	LF	9' High Demountable Partition, 1.75 System, Aluminum Framed, Vinyl Clad Hardboard, Paper Honeycomb Core, 1.75"/2.5" Thick	175.79	18.92
		For >9, Add 21.97		
10 22 19 13-0002	LF	7' High Demountable Partition, 1.75 System, Aluminum Framed, Vinyl Clad Hardboard, Paper Honeycomb Core, 1.75"/2.5" Thick	154.45	15.07
		For >9, Add 19.31		
10 22 19 13-0003	LF	5' High Demountable Partition, 1.75 System, Aluminum Framed, Vinyl Clad Hardboard, Paper Honeycomb Core, 1.75"/2.5" Thick	133.11	11.32
		For >9, Add 16.64		
10 22 19 13-0004	LF	9' High Demountable Partition, Moveable Steel Wall, Mod System, Unitized Panel, 48" Wide, Backed Enamel	166.75	15.07
		For >9, Add 20.84		
10 22 19 13-0005	LF	9' High Demountable Partition, Moveable Steel Wall, Mod System, Unitized Panels, 48" Wide, Fabric	241.58	16.20
		For >9, Add 30.20		

10 22 19 43 Demountable Composite Partitions *(10 22 19)*

10 22 19 43-0001	LF	Demountable Partition, Mineral Fiber System, Unitized Panel, 9' High, 2-1/4" Thick, Aluminum Frame, Vinyl Clad	272.31	18.92
		For >9, Add 34.04		
10 22 19 43-0002	LF	Demountable Partition, Mineral Fiber System, Unitized Panel, 9' High, 2-1/4" Thick, Aluminum Frame, Fabric Clad	341.32	20.62
		For >9, Add 42.67		
10 22 19 43-0003	SF	Partition, Trackless Wall, Cork Finish, Semi-Acoustic, 1-5/8" Thick	57.30	2.83
		For Acoustical Partitions, Add	*5.17*	
10 22 19 43-0004	SF	Partition, Trackless Wall, Cork Finish, Semi-Acoustic, 1-5/8" Thick	71.59	4.75
		For Acoustical Partitions, Add	*6.21*	
10 22 19 43-0005	SF	Partition, Trackless Wall, Cork Finish, Acoustic, 2" Thick	61.11	2.94
		For Acoustical Partitions, Add	*5.52*	
10 22 19 43-0006	SF	Partition, Trackless Wall, Cork Finish, Acoustic, 2" Thick	87.43	4.08
		For Acoustical Partitions, Add	*7.94*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 22 19 53		**Demountable Gypsum Partitions** *(10 22 19)*		
10 22 19 53-0001		Demountable Gypsum Partitions *(10 22 19 53)*		
10 22 19 53-0002	LF	9' High Demountable Partition Gypsum System, 2" To 2.5" Steel Standard, 3" To 3-3/4" Thick, Vinyl Clad	100.82	18.92
		For >9, Add 12.60		
10 22 19 53-0003	LF	9' High Demountable Partition Gypsum System, 2" To 2.5" Steel Standard, 3" To 3-3/4" Thick, Fabric Clad	168.95	20.62
		For >9, Add 21.12		
10 22 19 53-0004	LF	9' High Demountable Partition Gypsum System, 2" To 2.5", Steel Standard, 3" To 3-3/4" Thick, Steel Clad	181.89	22.66
		For >9, Add 22.74		
10 22 19 53-0005	LF	9' High Demountable Partition Gypsum System, Unitized Panel, 2" To 2-1/2" Thick, Vinyl Clad	220.56	18.92
		For >9, Add 27.57		
10 22 19 53-0006	LF	9' High Demountable Partition Gypsum System, Unitized Panel, 2" To 2-1/2" Thick, Fabric Clad	368.90	20.62
		For >9, Add 46.11		
10 22 23		**Portable Partitions, Screens, and Panels** *(10 22)*		
		Note: Includes standard units, standard height glass and glazing. For 25 percent and 50 percent glass 1/4" plate glass is used. For 100 percent glass 1/4" tempered plate is used.		
10 22 23 23		**Movable Panel Systems** *(10 22 23)*		
10 22 23 23-0001		Portable Partitions *(10 22 23 23)*		
10 22 23 23-0002	LF	Partition, Portable, Divided Panel, Freestanding, Fiber Core, Fabric Face Straight, 3'-0" Long, 4' High	345.87	9.07
10 22 23 23-0003	LF	Partition, Portable, Divided Panel, Freestanding, Fiber Core, Fabric Face Straight, 3'-0" Long, 5' High	368.59	10.08
10 22 23 23-0004	LF	Partition, Portable, Divided Panel, Freestanding, Fiber Core, Fabric Face Straight, 3'-0" Long, 6' High	438.17	12.12
10 22 23 23-0005	LF	Partition, Portable, Divided Panel, Freestanding, Fiber Core, Fabric Face Straight, 5'-0" Long, 4' High	255.31	5.21
10 22 23 23-0006	LF	Partition, Portable, Divided Panel, Freestanding, Fiber Core, Fabric Face Straight, 5'-0" Long, 5' High	270.83	6.00
10 22 23 23-0007	LF	Partition, Portable, Divided Panel, Freestanding, Fiber Core, Fabric Face Straight, 5'-0" Long, 6' High	304.30	7.25
10 22 23 23-0008	LF	Partition, Portable, Divided Panel, Freestanding, Fiber Core, Fabric Face Straight, 6'-0" Long, 5' High	259.59	5.55
10 22 23 23-0009	LF	Partition, Portable, Divided Panel, Freestanding, Fiber Core, Fabric Face Curved, 3'-0" Long, 5' High	461.74	10.08
10 22 23 23-0010	LF	Partition, Portable, Divided Panel, Freestanding, Fiber Core, Fabric Face Curved, 3'-0" Long, 6' High	507.17	12.12
10 22 23 23-0011	LF	Partitions, Portable, Economical Panels, Fabric Face, 4'-0" Long, 5' High	269.03	6.91
10 22 23 23-0012	LF	Partitions, Portable, Economical Panels, Fabric Face, 4'-0" Long, 6' High	305.98	8.04
10 22 23 23-0013	LF	Partitions, Portable, Economical Panels, Fabric Face, 5'-0" Long, 5' High	246.68	6.00
10 22 23 23-0014	LF	Partitions, Portable, Economical Panels, Fabric Face, 5'-0" Long, 6' High	276.70	7.25
10 22 23 23-0015	LF	Partitions, Portable, Economical Panels, Fabric Face, 3'-0" Curved, 5' High	409.99	10.08
10 22 23 23-0016	LF	Partitions, Portable, Economical Panels, Fabric Face, 3'-0" Curved, 6' High	462.32	12.12
10 22 23 23-0017	LF	Partitions, Portable, Acoustic Panels, 60 To 90 NRC, 3'-0" Long, 5' High	416.89	10.08
10 22 23 23-0018	LF	Partitions, Portable, Acoustic Panels, 60 To 90 NRC, 3'-0" Long, 6' High	507.17	12.12
10 22 23 23-0019	LF	Partitions, Portable, Acoustic Panels, 60 To 90 NRC, 5'-0" Long, 5' High	322.58	6.00
10 22 23 23-0020	LF	Partitions, Portable, Acoustic Panels, 60 To 90 NRC, 5'-0" Long, 6' High	362.95	7.25
10 22 23 23-0021	LF	Partitions, Portable, Acoustic Panels, 60 To 90 NRC, 6'-0" Long, 5' High	340.66	5.55
10 22 23 23-0022	LF	Partitions, Portable, Acoustic Panels, 60 To 90 NRC, 6'-0" Long, 6' High	406.44	6.57
10 22 23 23-0023	LF	Partitions, Portable, Economical Acoustic Panels, 40 NRC, 4'-0" Long, 5' High	196.58	6.91
10 22 23 23-0024	LF	Partitions, Portable, Economical Acoustic Panels, 40 NRC, 4'-0" Long, 6' High	231.80	8.04
10 22 23 23-0025	LF	Partitions, Portable, Economical Acoustic Panels, 40 NRC, 5'-0" Long, 6' High	209.42	7.25
10 22 23 23-0026	LF	Partitions, Portable, Economical Acoustic Panels, 40 NRC, 6'-0" Long, 5' High	152.64	5.55
10 22 23 23-0027	LF	Partitions, Portable, Metal Chalkboard, 6'-6" High, 1 Side	249.10	7.25
10 22 23 23-0028	LF	Partitions, Portable, Metal Chalkboard, 2 Sides	284.20	7.59
10 22 23 23-0029	LF	Partitions, Portable, Tackboard, Both Sides	228.64	7.36
10 22 23 23-0030		Adjustable Barrier Panel System (Edge Guard) *(10 22 23 23)*		
		Note: Panels are opal or transparent. Includes self-leveling floor channel, 1/4" foam gasket to conform to ceiling, edge gaskets, grid clips, and cam locks.		
10 22 23 23-0031	EA	4' Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly (Edge Guard 4000)	691.37	
10 22 23 23-0032	EA	3' Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly (Edge Guard 4001)	656.70	
10 22 23 23-0033	EA	2' Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly (Edge Guard 4002)	518.04	
10 22 23 23-0034	EA	2' Wide x 7'-8" To 10' High With High Efficiency Particulate Air (HEPA) Filtered Air Discharge Port, Fire Rated Containment Panel Assembly (Edge Guard 4002.1)	598.93	
10 22 23 23-0035	EA	4' Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly With 44" Door (Edge Guard 4003)	1,170.90	
10 22 23 23-0036	EA	7'-8" To 10' High, Hinged Corner Assembly (Edge Guard 4004)	237.56	
10 22 23 23-0037	EA	6" Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly (Edge Guard 4005)	316.80	
10 22 23 23-0038	EA	12" Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly (Edge Guard 4006)	339.91	
10 22 23 23-0039	EA	7'-8" To 10' High, Outside Corner Post (Edge Guard 4007)	197.11	
10 22 23 23-0040	EA	4'-4" Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly With 48" Door (Edge Guard 4008) Note: Includes a hydraulic closer and a lever style lockset standard.	1,402.00	
10 22 23 23-0041	EA	7'-8" To 10' High, "T" Post Corner Assembly (Edge Guard 4009)	197.11	
10 22 23 23-0042	EA	3' Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly With 32" Door (Edge Guard 4010) Note: Includes a hydraulic closer and a lever style lockset standard.	1,055.35	
10 22 23 23-0043	EA	Closure Strips (Edge Guard 3003) Note: To seal panels to existing walls	14.47	
10 22 23 23-0044	EA	Digital Differential Pressure Gauge Kit (Edge Guard 3005)	323.71	
10 22 23 23-0045		Hauserman Wall Panels *(10 22 23 23)*		
10 22 23 23-0046		Single Wall *(10 22 23 23-0045)*		
10 22 23 23-0047		Panels *(10 22 23 23-0046)*		
10 22 23 23-0048	EA	105" High Panel, Sage, DWPP 40105SG	321.11	28.32

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10 22 23 23-0049	EA	117" High Panel, Sage, DWPP 40117SG	342.17	28.32
10 22 23 23-0050	EA	105" High Panel, White, DWPP 40105WH	321.11	28.32
10 22 23 23-0051	EA	117" High Panel, White, DWPP 40117WH	342.17	28.32
10 22 23 23-0052	EA	105" High Panel, Warm White, DWPP 40105WW	321.11	28.32
10 22 23 23-0053	EA	117" High Panel, Warm White, DWPP 40117WW	342.17	28.32
10 22 23 23-0054	EA	105" High Panel, Vinyl, DWPP 40105CSA	462.55	28.32
10 22 23 23-0055	EA	117" High Panel, Vinyl, DWPP 40117CSA	477.60	28.32
10 22 23 23-0056	EA	105" High Markerboard Panel, DWMP 40105	694.27	28.32
10 22 23 23-0057	EA	117" High Markerboard Panel, DWMP 40117	724.37	28.32
10 22 23 23-0058		**Frames** *(10 22 23 23-0046)*		
10 22 23 23-0059	EA	120" Channel, Sage, DWCC 12000SG	175.39	11.32
10 22 23 23-0060	EA	12" Channel Corner, Sage, DWCC 1212SG	84.69	5.66
10 22 23 23-0061	EA	120" Channel, White, DWCC 12000WH	175.39	11.32
10 22 23 23-0062	EA	12" Channel Corner, White, DWCC 1212WH	84.69	5.66
10 22 23 23-0063	EA	120" Channel, WarmWhite, DWCC 12000WW	175.39	11.32
10 22 23 23-0064	EA	12" Channel Corner, WarmWhite, DWCC 1212WW	84.69	5.66
10 22 23 23-0065	EA	120" Floor Channel, DWFC 12000	172.38	11.32
10 22 23 23-0066	EA	99" Post, DWTP 00099	112.19	11.32
10 22 23 23-0067	EA	114" Post, DWTP 00114	133.26	11.32
10 22 23 23-0068		**Corners/Ends/Bases** *(10 22 23 23-0046)*		
10 22 23 23-0069	EA	120" Wall Channel, Sage, DWWE 00120SG	208.49	11.32
10 22 23 23-0070	EA	120" Two-way, Sage, DWTE 02120NSG	108.76	5.66
10 22 23 23-0071	EA	120" Wall Channel, White, DWWE 00120WH	208.49	11.32
10 22 23 23-0072	EA	120" Two-way, White, DWTE 02120NWH	108.76	5.66
10 22 23 23-0073	EA	120" Wall Channel, Warm White, DWWE 00120WW	208.49	11.32
10 22 23 23-0074	EA	120" Two-way, Warm White, DWTE 02120NWW	108.76	5.66
10 22 23 23-0075	EA	120" Vinyl Base, Black, DWBV 12000BK	54.59	5.66
10 22 23 23-0076	EA	120" Steel Base, Black, DWBP 12000BK	99.73	5.66
10 22 23 23-0077	EA	120" Steel Base Corner, Black, DWBP 24240BK	84.69	
10 22 23 23-0078		**Stacking Components** *(10 22 23 23-0046)*		
10 22 23 23-0079	EA	Top Panel Trim, Sage, DWPP 40000SG	66.63	5.66
10 22 23 23-0080	EA	Top Panel Trim, White, DWPP 40000WH	66.63	5.66
10 22 23 23-0081	EA	Top Panel Trim, Warm White, DWPP 40000WW	66.63	5.66
10 22 23 23-0082	EA	Post Splice, DWTP 00036	54.59	5.66
10 22 23 23-0083		**Doors/Frames/Hardware** *(10 22 23 23-0046)*		
10 22 23 23-0084	EA	Door Frame 40" UW x 82" H, Sage, DWRF 3682SGB	1,393.16	158.59
10 22 23 23-0085	EA	Door 36" UW x 81.25" H, Sage, DRS 36A(*)SG	1,373.50	56.64
10 22 23 23-0086	EA	Door Frame 40" UW x 82" H, White, DWRF 3682WHB	1,393.16	158.59
10 22 23 23-0087	EA	Door 36" UW x 81.25" H, White, DRS 36A(*)WH	1,373.50	56.64
10 22 23 23-0088	EA	Door Frame 40" UW x 82" H, Warm White, DWRF 3682WW	1,393.16	158.59
10 22 23 23-0089	EA	Door 36" UW x 81.25" H, Warm White, DRS 36A(*)WW	1,373.50	56.64
10 22 23 23-0090	EA	Hinge Kit, 1 Pair 5" x 4", Brushed Chrome, DHK 2540B	210.90	19.26
10 22 23 23-0091	EA	Lockset With Knob, Brushed Chrome (DHL 1613B)	537.72	51.54
10 22 23 23-0092	EA	Lockset With Lever, Brushed Chrome (DHL 1614B)	652.07	51.54
10 22 23 23-0093		**Glazing Kits** *(10 22 23 23-0046)*		
10 22 23 23-0094	EA	Panel Glazing Kit, 36" x 48", Sage, DWKG 03648SG	559.91	42.48
10 22 23 23-0095	EA	Panel Glazing Kit, 36" x 48", White, DWKG 03648WH	559.91	42.48
10 22 23 23-0096	EA	Panel Glazing Kit, 36" x 48", Warm White, DWKG 03648WW	559.91	42.48
10 22 23 23-0097		**Ceiling Channel** *(10 22 23 23-0046)*		
10 22 23 23-0098	EA	120" Ceiling Channel, DWCC 12000	172.38	11.32
10 22 23 23-0099	EA	12" x 12" Corner Ceiling Channel, DWCC 01212	81.68	5.66
10 22 23 23-0100		**Double Wall** *(10 22 23 23-0045)*		
10 22 23 23-0101		**Steel Wall Panel Plates, All Steel Painted** *(10 22 23 23-0100)*		
10 22 23 23-0102	EA	40" W x 9' H, Steel Wall Panel Plates, Painted, DWPP 40105	349.25	42.48
10 22 23 23-0103	EA	40" W x 10' H, Steel Wall Panel Plates, Painted, DWPP 40117	373.32	42.48
10 22 23 23-0104	EA	40" W x 12' H, Steel Wall Panel Plates, Painted, DWPP 40141	430.50	42.48
10 22 23 23-0105		**Steel Wall Panel Plates, All Steel Painted** *(10 22 23 23-0100)*		
		Note: With markerboard finish		
10 22 23 23-0106	EA	40" W x 9' H, Steel Wall Panel Plates, Painted With Markerboard Finish, DWMP 40105	722.41	42.48
10 22 23 23-0107	EA	40" W x 10' H, Steel Wall Panel Plates, Painted With Markerboard Finish, DWMP 40117	755.52	42.48
10 22 23 23-0108	EA	40" W x 12' H, Steel Wall Panel Plates, Painted With Markerboard Finish, DWMP 40141	818.72	42.48

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 22 23 23-0109		**Steel Wall Panel Plates, All Steel - Vinyl Clad** *(10 22 23 23-0100)*		
10 22 23 23-0110	EA	40" W x 9' H, Steel Wall Panel Plates, Vinyl Clad, Grade A, DWVP 40105	508.75	42.48
10 22 23 23-0111	EA	40" W x 10' H, Steel Wall Panel Plates, Vinyl Clad, Grade A, DWVP 40117	535.83	42.48
10 22 23 23-0112	EA	40" W x 12' H, Steel Wall Panel Plates, Vinyl Clad, Grade A, DWVP 40141	590.00	42.48
10 22 23 23-0113	EA	40" W x 9' H, Steel Wall Panel Plates, Vinyl Clad, Grade C, DWVP 40105	436.52	42.48
10 22 23 23-0114	EA	40" W x 10' H, Steel Wall Panel Plates, Vinyl Clad, Grade C, DWVP 40117	478.65	42.48
10 22 23 23-0115	EA	40" W x 12' H, Steel Wall Panel Plates, Vinyl Clad, Grade C, DWVP 40141	541.85	42.48
10 22 23 23-0116		**Posts** *(10 22 23 23-0100)*		
		Note: Complete with top and bottom extensions and panel clip		
10 22 23 23-0117	EA	9' Posts, DWTP 00099	115.20	11.32
10 22 23 23-0118	EA	10' Posts, DWTP 00114	133.26	11.32
10 22 23 23-0119	EA	12' Posts, DWTP 00130	148.31	11.32
10 22 23 23-0120	EA	20" Post Extension, 7600B6001	36.35	5.66
10 22 23 23-0121	EA	6.031" Post Stilt, 7600B7001	18.17	2.83
10 22 23 23-0122		**Floor Channel** *(10 22 23 23-0100)*		
10 22 23 23-0123	EA	10' Floor Channel With Tapcon Fastener, DWFC 12000	123.81	5.66
10 22 23 23-0124	EA	10' Floor Channel With 3 Tile Grippers, DWFC 12000	156.91	5.66
10 22 23 23-0125	EA	10' Floor Channel With 3 Carpet Grippers, DWFC 12000	156.91	5.66
10 22 23 23-0126		**Steel Base** *(10 22 23 23-0100)*		
10 22 23 23-0127	EA	4"H x 10' L Steel Outer Base, DWBP 12000	112.19	11.32
10 22 23 23-0128	EA	4"H x 40" L Steel Inner Base, DWBP 40000	51.06	5.66
10 22 23 23-0129	EA	4"H x 48" L Steel Inner Base, DWBP 48000	36.54	5.66
10 22 23 23-0130	EA	4"H x 24" x 24" L Steel Outer Base Corner, DWBP 24240	97.15	11.32
10 22 23 23-0131	EA	4"H x 25" L Steel Base End Cap For 6 Doorways, DWBP 60025	70.06	11.32
10 22 23 23-0132		**Vinyl Base** *(10 22 23 23-0100)*		
10 22 23 23-0133	EA	3-1/2" H x 10' L Vinyl Outer Base, DWBV 1200	54.59	5.66
10 22 23 23-0134	EA	120" - "True" 4" Base, Libertyville 4" Base - Flat Profile, Motorola Gray #0483	63.62	5.66
10 22 23 23-0135	EA	120" - "True" 4" Base, Libertyville 4" Base - Flat Profile, Black #4380	63.62	5.66
10 22 23 23-0136	EA	120" - "True" 4" Base, Libertyville 4" Base - Flat Profile, Nougat #0673	63.62	5.66
10 22 23 23-0137	EA	120" - "True" 4" Base, Libertyville 4" Base - Flat Profile, Slate #4003	63.62	5.66
10 22 23 23-0138		**Double Wall End Conditions** *(10 22 23 23-0045)*		
10 22 23 23-0139		**Wall Channels** *(10 22 23 23-0138)*		
10 22 23 23-0140	EA	9' Wall Channel, DWWE 00108	184.42	11.32
		Note: Excludes fasteners.		
10 22 23 23-0141	EA	10' Wall Channel, DWWE 00120	208.49	11.32
		Note: Excludes fasteners.		
10 22 23 23-0142	EA	12' Wall Channel, DWWE 00144	241.60	11.32
		Note: Excludes fasteners.		
10 22 23 23-0143	EA	9' End Filler, Glass, DWWG 00108A	569.62	11.32
10 22 23 23-0144	EA	10' End Filler, Glass, DWWG 00120A	587.68	11.32
10 22 23 23-0145		**Adapter Channel** *(10 22 23 23-0138)*		
10 22 23 23-0146	EA	10' Adapter Channel For End Condition, DWAC 00120	136.27	11.32
10 22 23 23-0147		**Finished Ends** *(10 22 23 23-0138)*		
10 22 23 23-0148	EA	9' Finished End, Steel, DWTE 01108N	259.65	11.32
10 22 23 23-0149	EA	10' Finished End, Steel, DWTE 01120N	280.72	11.32
10 22 23 23-0150	EA	12' Finished End, Steel, DWTE 01144N	319.84	11.32
10 22 23 23-0151	EA	0.55" x 49" x 122" Insert Cap For F.E. Vertical, 163472001	39.54	5.66
10 22 23 23-0152	EA	9' Finished End, Glass, DWTG 10108N	410.12	11.32
10 22 23 23-0153	EA	10' Finished End, Glass, DWTG 10120N	425.17	11.32
10 22 23 23-0154	EA	10' Finished End, Flat Profile, No Channel, AT0373A01	208.49	11.32
10 22 23 23-0155		**Double Wall** *(10 22 23 23-0045)*		
10 22 23 23-0156		**2-Way Intersections** *(10 22 23 23-0155)*		
10 22 23 23-0157	EA	9' 2-Way Condition, Steel To Steel (x), DWTE 02108N	121.22	11.32
10 22 23 23-0158	EA	10' 2-Way Condition, Steel To Steel (x), DWTE 02120N	121.22	11.32
10 22 23 23-0159	EA	12' 2-Way Condition, Steel To Steel (x), DWTE 02144N	169.37	11.32
10 22 23 23-0160	EA	10' 2-Way Corner Trim (Only), 760011001	57.60	5.66
10 22 23 23-0161		**Steel To Glass / 2-Way Conditions** *(10 22 23 23-0155)*		
10 22 23 23-0162	EA	9' 2-Way Condition Steel To Glass, DWTG 22108N	686.99	11.32
10 22 23 23-0163	EA	10' 2-Way Condition Steel To Glass, DWTG 22108N	702.04	11.32

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10 22 23 23-0164		**Glass To Glass / 2-Way Conditions** *(10 22 23 23-0155)*		
10 22 23 23-0165	EA	9' 2-Way Condition Glass To Glass, DWTG 12108N	674.95	11.32
10 22 23 23-0166	EA	10' 2-Way Condition Glass To Glass, DWTG 12108N	696.02	11.32
10 22 23 23-0167		**Steel To Steel 135 Degree / 2-Way Conditions** *(10 22 23 23-0155)*		
10 22 23 23-0168	EA	9' Steel To Steel 135-Degree/2-Way Conditioning, DWTE 05108	235.58	11.32
10 22 23 23-0169	EA	10' Steel To Steel 135-Degree/2-Way Conditioning, DWTE 05120	241.60	11.32
10 22 23 23-0170	EA	12' Steel To Steel 135-Degree/2-Way Conditioning, DWTE 05144	256.64	11.32
10 22 23 23-0171		**Glass Wall Components** *(10 22 23 23-0155)*		
10 22 23 23-0172	EA	9' Glass To Glass Post, DWTG 11108 Note: Includes glazing vinyl.	277.71	11.32
10 22 23 23-0173	EA	10' Glass To Glass Post, DWTG 11120 Note: Includes glazing vinyl.	283.73	11.32
10 22 23 23-0174	EA	9' Steel To Glass Post, DWTG 21108 Note: Includes glazing vinyl strip and adapter channel #760097.	367.99	11.32
10 22 23 23-0175	EA	10' Steel To Glass Post, DWTG 21120 Note: Includes glazing vinyl strip and adapter channel #760097.	380.03	11.32
10 22 23 23-0176	EA	60" All Glass Wall Kit, Contains Top And Bottom Horizontals, Clips, Top Glass Stop/Clips And Bottom Glazing Vinyl, DWPG 60000	298.78	11.32
10 22 23 23-0177	EA	48" All Glass Wall Kit, Contains Top And Bottom Horizontals, Clips, Top Glass Stop/Clips And Bottom Glazing Vinyl, DWPG 48000	283.73	11.32
10 22 23 23-0178	EA	40" All Glass Wall Kit, Contains Top And Bottom Horizontals, Clips, Top Glass Stop/Clips And Bottom Glazing Vinyl, DWPG 40000	488.13	11.32
10 22 23 23-0179	EA	20" All Glass Wall Kit, Contains Top And Bottom Horizontals, Clips, Top Glass Stop/Clips And Bottom Glazing Vinyl, DWPG 20000	217.52	11.32
10 22 23 23-0180	EA	140" Glazing Bead , For Below Chair Rail, 760004005	51.58	5.66
10 22 23 23-0181	EA	60" Chair Rail Trim Assembly, DWCR 60000 Note: Includes vinyl glazing strip, alignment clips and screws.	157.12	8.49
10 22 23 23-0182	EA	48" Chair Rail Trim Assembly, DWCR 48000 Note: Includes vinyl glazing strip, alignment clips and screws.	154.11	8.49
10 22 23 23-0183	EA	40" Chair Rail Trim Assembly, DWCR 40000 Note: Includes vinyl glazing strip, alignment clips and screws.	151.10	8.49
10 22 23 23-0184	EA	20" Chair Rail Trim Assembly, DWCR 20000 Note: Includes vinyl glazing strip, alignment clips and screws.	139.07	8.49
10 22 23 23-0185	EA	60" For Solid Glass, Top Glass Horizontal Assembly, DWTH 60000 Note: Includes top horizontal, glazing stops and glazing clips.	199.47	11.32
10 22 23 23-0186	EA	48" For Solid Glass, Top Glass Horizontal Assembly, DWTH 48000 Note: Includes top horizontal, glazing stops and glazing clips.	184.42	11.32
10 22 23 23-0187	EA	40" For Solid Glass, Top Glass Horizontal Assembly, DWTH 40000 Note: Includes top horizontal, glazing stops and glazing clips.	163.35	11.32
10 22 23 23-0188	EA	20" For Solid Glass, Top Glass Horizontal Assembly, DWTH 20000 Note: Includes top horizontal, glazing stops and glazing clips.	157.33	11.32
10 22 23 23-0189	EA	60" For Solid Glass, Transom Rail Assembly, DWRT 60000 Note: Includes top glazing stop, clips, alignment, clips and screws.	247.62	11.32
10 22 23 23-0190	EA	48" For Solid Glass, Transom Rail Assembly, DWRT 48000 Note: Includes top glazing stop, clips, alignment, clips and screws.	238.59	11.32
10 22 23 23-0191	EA	40" For Solid Glass, Transom Rail Assembly, DWRT 40000 Note: Includes top glazing stop, clips, alignment, clips and screws.	232.57	11.32
10 22 23 23-0192	EA	20" For Solid Glass, Transom Rail Assembly, DWRT 20000 Note: Includes top glazing stop, clips, alignment, clips and screws.	217.52	11.32
10 22 23 23-0193	EA	Glazing Kit - To Create Maximum 36" x 48" High Glass Vision Lite In All Steel Wall, DWKG 03648	497.61	14.16
10 22 23 23-0194	EA	Double Glazing Kit - 36" x 46" Glass Opening In All Steel Wall, DWDK 03648	762.43	14.16
10 22 23 23-0195		**Wainscot/Wall Liner** *(10 22 23 23-0155)*		
10 22 23 23-0196	EA	9' Half Posts, DWHP 00108 Note: Excludes fasteners.	160.34	11.32
10 22 23 23-0197	EA	10' Half Posts, DWHP 00120 Note: Excludes fasteners.	172.38	11.32
10 22 23 23-0198	EA	12' Half Posts, DWHP 00144 Note: Excludes fasteners.	184.42	11.32
10 22 23 23-0199		**Double Wall Door Frames And Doors** *(10 22 23 23-0045)*		
10 22 23 23-0200		**Six-Piece Single Door Frames** *(10 22 23 23-0199)*		
10 22 23 23-0201	EA	40" Six-Piece Single Door Frames For 83-1/4" Door - 1-1/2 Pair 4-1/2" x 4-1/2" Butt Hinges And A 4-7/8" Keeper Strike Frame, For 36" Nom. Single Door, DWFS 3683	1,372.10	158.59
10 22 23 23-0202	EA	40" Six-Piece Single Door Frames For 8' To 9' Door - 2 Pair 4-1/2" x 4-1/2" Butt Hinges And A 4-7/8" Keeper Strike, Frame For 36" Nom. Single Door, DWFH 36A	1,495.48	158.59
10 22 23 23-0203	EA	40" Six-Piece Single Door Frames For 9'-1" To 10' Door - 2 Pr. 4-1/2" x 4-1/2" Butt Hinges And A 4-7/8" Keeper Strike, Frame For 36" Nom. Single Door, DWFH 36B	1,534.60	158.59
10 22 23 23-0204		**Six-Piece Double Door Frames** *(10 22 23 23-0199)*		
10 22 23 23-0205	EA	76" Six-Piece Double Door Frames For 83-1/4" Door - 3 Pair 4-1/2" x 4-1/2" Butt Hinges, Frame For A Pair Of 36" Nom. Doors, DWFP 7283	1,690.99	237.88

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10 22 23 23-0206	EA	60" Six-Piece Double Door Frames For 83-1/4" Door - 3 Pair 4-1/2" x 4-1/2" Butt Hinges, Frame For A Pair Of 26" Nom. Doors, DWFP 5683	1,690.99	237.88
10 22 23 23-0207		**Six-Piece, 1 Hour Rated, Single Door Frames** *(10 22 23 23-0199)*		
10 22 23 23-0208	EA	40" Six-Piece One Hour Rated Single Door Frames For 83-1/4" Door - 1-1/2 Pair 4-1/2" x 4-1/2" Butt Hinges And A 7/8" Keeper, For 36" Nom. Single Door, DWFF 3683	1,405.20	158.59
10 22 23 23-0209	EA	40" Six-Piece One Hour Rated Single Door Frames For 8' To 9' Door - 2 Pair 4-1/2" x 4-1/2" Butt Hinges And A 7/8" Keeper, For 36" Nom. Single Door, DWFFH 36A	1,573.73	158.59
10 22 23 23-0210	EA	40" Six-Piece One Hour Rated Single Door Frames For 9'-1" To 10' Door - 2 Pair 4-1/2" x 4-1/2" Butt Hinges And A 7/8" Keeper, For 36" Nom. Single Door, DWFFH 36B	1,664.01	158.59
10 22 23 23-0211		**Single Steel Door Leaf** *(10 22 23 23-0199)*		
10 22 23 23-0212	EA	Single Steel Door Leaf, Painted, 36" Nom. x 83-1/4" Door, 1-1/2 Pair 4-1/2" x 4-1/2" Butt Hinges, DSS 36A	1,341.96	53.24
10 22 23 23-0213	EA	Preglazed Single Steel Door Leaf, Painted, 36" Nom. x 83-1/4" Door, 1-1/2 Pair 4-1/2" x 4-1/2" Butt Hinges, DSHGS 36AX	1,892.68	53.24
10 22 23 23-0214	EA	Preglazed Single Steel Door Leaf, Painted, 36" Nom. x 83-1/4" Door, 1-1/2 Pair 4-1/2" x 4-1/2" Butt Hinges, Com. 1/4" CC Temp, DSHGS 36AX	1,995.00	53.24
10 22 23 23-0215	EA	Single Steel Door Leaf, Painted, 36" Nom. 8' To 9' Door, 2 Pr. 4-1/2" x 4-1/2" Butt Hinges, DFS 36A	1,405.15	53.24
10 22 23 23-0216	EA	Single Steel Door Leaf, Painted, 36" Nom. 9'-1" To 10' Door, 2 Pair 4-1/2" x 4-1/2" Butt Hinges, DFS 36A	1,420.20	53.24
10 22 23 23-0217		**Double Steel Door Leaf** *(10 22 23 23-0199)*		
10 22 23 23-0218	EA	Double Steel Door Leaf, Painted, 28" Nom. x 83-1/4" Door, 3 Pair 4-1/2" x 4-1/2" Butt Hinges And ASA Keeper Strike, DSS 56A	2,636.77	87.79
10 22 23 23-0219	EA	Double Steel Door Leaf, Painted, 36" Nom. x 83-1/4" Door, 3 Pair 4-1/2" x 4-1/2" Butt Hinges And ASA Keeper Strike, DSS 72A	2,636.77	87.79
10 22 23 23-0220	EA	Preglazed Double Steel Door Leaf, Painted, 36" Nom. x 83-1/4" Door, 3 Pair 4-1/2" x 4-1/2" Butt Hinges And ASA Keeper Strike, DSHGS 72AX	3,759.28	87.79
10 22 23 23-0221	EA	Preglazed Double Steel Door Leaf, Painted, 36" Nom. x 83-1/4" Door, 3 Pair 4-1/2" x 4-1/2" Butt Hinges And ASA Keeper Strike, Com. "I", DSHGS 72AX	3,972.95	87.79
10 22 23 23-0222		**Three-Piece Single Door Frames** *(10 22 23 23-0199)* Note: 40" Three-piece single door frames for 83-1/4" door - 1-1/2 Pair 4-1/2" x 4-1/2" butt hinges and a 4-7/8" keeper strike frame for 36" nom. single door, DW3F 3684		
10 22 23 23-0223	EA	40" Three-Piece Single Door Frames For 83-1/4" Door - 1-1/2 Pair 4-1/2" x 4-1/2" Butt Hinges And A 4-7/8" Keeper Strike Frame For 36" Nom. Single Door, DW3F 3684	899.62	158.59
10 22 23 23-0224		**Three-Piece Double Door Frames** *(10 22 23 23-0199)* Note: 76" Three-piece double door frames for 83-1/4" door - 3 pair 4-1/2" x 4-1/2" butt hinges frame for a pair of 36" nom. doors, DW3F 7284		
10 22 23 23-0225	EA	76" Three-Piece Double Door Frames For 83-1/4" Door - 3 Pair 4-1/2" x 4-1/2" Butt Hinges Frame For A Pair Of 36" Nom. Doors, DW3F 7284	1,221.52	237.88
10 22 23 23-0226		**Double Wall Reversible Door Frames And Doors** *(10 22 23 23-0045)*		
10 22 23 23-0227		**Six-Piece Reversible Single Door Frames** *(10 22 23 23-0226)* Note: 40" Six-piece reversible single door frame for 83-1/4" door - 1 pair 5" x 4-1/2" butt hinges and 2-3/4" keeper for 36" nominal single door, DWRF 3682		
10 22 23 23-0228	EA	40" Six-Piece Reversible Double Door Frame For 83-1/4" Door - 2 Pair 5" x 4-1/2" Butt Hinges And 2-3/4" Keeper, For 36" Nominal Single Door, DWRF 3682	1,393.16	158.59
10 22 23 23-0229		**Six-Piece Reversible Double Door Frames** *(10 22 23 23-0226)*		
10 22 23 23-0230	EA	76" Six-Piece Reversible Double Door Frame For 83-1/4" Door - 2 Pair 5" x 4-1/2" Butt Hinges, For 36" Nominal Doors, DWRF 7282	1,715.06	237.88
10 22 23 23-0231	EA	60" Six-Piece Reversible Double Door Frame For 83-1/4" Door - 2 Pair 5" x 4-1/2" Butt Hinges, For 36" Nominal Doors, DWRF 5682	1,715.06	237.88
10 22 23 23-0232		**Single Steel Door Leaf** *(10 22 23 23-0226)* Note: Reversible only when mortised for Federal 161 lock.		
10 22 23 23-0233	EA	Single Steel Reversible Door Leaf, Painted, 36" Nominal x 83-1/4" Door, 1 Pair 5" x 4" Butt Hinges, DRS 36A	1,366.03	53.24
10 22 23 23-0234		**Double Steel Door Leaf** *(10 22 23 23-0226)* Note: Reversible only when mortised for Federal 161 lock.		
10 22 23 23-0235	EA	Double Steel Reversible Door Leafs, Painted, 28" Nominal x 83-1/4" Door, 2 Pair 5" x 4" Butt Hinges And 2 - 3/4" Keeper Strike, DRS 56A	2,678.68	84.96
10 22 23 23-0236	EA	Double Steel Reversible Door Leafs, Painted, 35" Nominal x 83-1/4" Door, 2 Pair 5" x 4" Butt Hinges And 2 - 3/4" Keeper Strike, DRS 72A	2,678.68	84.96
10 22 23 23-0237		**Double Wall Hardware** *(10 22 23 23-0045)*		
10 22 23 23-0238		**Hinge Kits** *(10 22 23 23-0237)*		
10 22 23 23-0239	EA	1-1/2 Pair, 4-1/2" x 4-1/2" Hinges, 1 Wall Stop, No Stop	168.99	38.51
10 22 23 23-0240	EA	1-1/2 Pair, 4-1/2" x 4-1/2" Hinges, 1 Wall Stop, With Mag	211.12	38.51

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10 22 23 23-0241	EA	1-1/2 Pair, 4-1/2" x 4-1/2" Hinges, 1 Wall Stop, With Base Stop	244.23	38.51
10 22 23 23-0242	EA	1-1/2 Pair, 4-1/2" x 4-1/2" Hinges, 1 Wall Stop, With Floor Stop	244.23	38.51
10 22 23 23-0243	EA	2 Pair, 4-1/2" x 4-1/2" Hinges, 1 Wall Stop, No Stop	232.52	50.97
10 22 23 23-0244	EA	2 Pair, 4-1/2" x 4-1/2" Hinges, 1 Wall Stop, With Mag	274.65	50.97
10 22 23 23-0245	EA	2 Pair, 4-1/2" x 4-1/2" Hinges, 1 Wall Stop, With Base Stop	325.81	50.97
10 22 23 23-0246	EA	2 Pair, 4-1/2" x 4-1/2" Hinges, 1 Wall Stop, With Floor Stop	325.81	50.97
10 22 23 23-0247	EA	3 Pair, 4-1/2" x 4-1/2" Hinges, 2 Wall Stops, Flush Bolts For Hinged Double Door Frame With Steel Transom, No Stop	436.06	76.46
10 22 23 23-0248	EA	3 Pair, 4-1/2" x 4-1/2" Hinges, 2 Wall Stops, Flush Bolts For Hinged Double Door Frame With Steel Transom, With Mag	520.32	76.46
10 22 23 23-0249	EA	3 Pair, 4-1/2" x 4-1/2" Hinges, 2 Wall Stops, Flush Bolts For Hinged Double Door Frame With Steel Transom, With Base Stop	619.63	76.46
10 22 23 23-0250	EA	3 Pair, 4-1/2" x 4-1/2" Hinges, 2 Wall Stops, Flush Bolts For Hinged Double Door Frame With Steel Transom, With Floor Stop	619.63	76.46
10 22 23 23-0251	EA	4 Pair, 4-1/2" x 4-1/2" Hinges, 2 Wall Stops, Flush Bolts For Full Height Hinge Double Door Frame, No Stop	579.40	101.95
10 22 23 23-0252	EA	4 Pair, 4-1/2" x 4-1/2" Hinges, 2 Wall Stops, Flush Bolts For Full Height Hinge Double Door Frame, With Mag	663.66	101.95
10 22 23 23-0253	EA	4 Pair, 4-1/2" x 4-1/2" Hinges, 2 Wall Stops, Flush Bolts For Full Height Hinge Double Door Frame, With Base Stop	762.97	101.95
10 22 23 23-0254	EA	4 Pair, 4-1/2" x 4-1/2" Hinges, 2 Wall Stops, Flush Bolts For Full Height Hinge Double Door Frame, With Floor Stop	762.97	101.95
10 22 23 23-0255	EA	1 Pair, 5" x 4" Hinges, 1 Wall Stop, No Stop	184.04	38.51
10 22 23 23-0256	EA	1 Pair, 5" x 4" Hinges, 1 Wall Stop, With Mag	226.17	38.51
10 22 23 23-0257	EA	1 Pair, 5" x 4" Hinges, 1 Wall Stop, With Base Stop	259.28	38.51
10 22 23 23-0258	EA	1 Pair, 5" x 4" Hinges, 1 Wall Stop, With Floor Stop	259.28	38.51
10 22 23 23-0259	EA	2 Pair, 5" x 4" Hinges, 2 Wall Stops, Flush Bolts For Hinged Double Door Frame With Steel Transom, No Stop	404.05	50.97
10 22 23 23-0260	EA	2 Pair, 5" x 4" Hinges, 2 Wall Stops, Flush Bolts For Hinged Double Door Frame With Steel Transom, With Mag	488.32	50.97
10 22 23 23-0261	EA	2 Pair, 5" x 4" Hinges, 2 Wall Stops, Flush Bolts For Hinged Double Door Frame With Steel Transom, With Bas Stop	551.51	50.97
10 22 23 23-0262	EA	2 Pair, 5" x 4" Hinges, 2 Wall Stops, Flush Bolts For Hinged Double Door Frame With Steel Transom, With Floor Stop	551.51	50.97

10 22 23 23-0263 Double Wall Pivot Kits *(10 22 23 23-0237)*

10 22 23 23-0264	EA	Pivot Set Without Stop, DWDPK 001N	338.95	25.49
10 22 23 23-0265	EA	Pivot Set With Magnetic Stop, DWDPK 001M	338.95	25.49
10 22 23 23-0266	EA	Pivot Set With Base Stop, DWDPK 001B	432.25	25.49
10 22 23 23-0267	EA	Pivot Set With Floor Stop, DWDPK 001F	432.25	25.49

10 22 23 23-0268 Bored Latchset And Lockset *(10 22 23 23-0237)*

10 22 23 23-0269	EA	Federal 161 Latchset, Std. Knob, Sargent (8U15-BC) DHL 1611	417.34	51.54
10 22 23 23-0270	EA	Federal 161 Latchset, Lever, Sargent (10U15-LL) DHL 1612	522.67	51.54
10 22 23 23-0271	EA	Federal 161 Lockset, Std Knob, Sargent (8U05-BC) DHL 1613	549.75	51.54
10 22 23 23-0272	EA	Federal 161 Lockset, Lever, Sargent (10U05-LL) DHL 1614	667.12	51.54

10 22 23 23-0273 Magnetic Wall Stop *(10 22 23 23-0237)*

Note: For steel or vinyl covered crossrun panels.

10 22 23 23-0274	EA	Magnetic Wall Stop, Brushed Bronze, Magnetic Aids, 194454002	60.82	8.49
10 22 23 23-0275	EA	Magnetic Wall Stop, Brushed Chrome, Magnetic Aids, 194454003	60.82	8.49

10 22 23 23-0276 Base Stop *(10 22 23 23-0237)*

Note: For glass or fabric crossruns.

10 22 23 23-0277	EA	Base Stop Screw Mounted, IVES #447 610, 192525001	103.16	11.32
10 22 23 23-0278	EA	Base Stop Screw Mounted, IVES #447 526, 192525004	103.16	11.32

10 22 23 23-0279 Dome Floor Stop *(10 22 23 23-0237)*

Note: For doors in midrun.

10 22 23 23-0280	EA	Dome Stop Screw Mounted US10, NT Quality #331ES-610, 194429001	103.16	11.32
10 22 23 23-0281	EA	Dome Stop Screw Mounted US10, NT Quality #331ES-626, 194429002	103.16	11.32

10 22 33 Accordion Folding Partitions *(10 22)*

10 22 33 00-0001 Accordion Doors/Partitions *(10 22 33)*

Note: Includes top support track and assembled panels.

10 22 33 00-0002	SF	15 STC Rating, Accordion Door/Partition With Standard Vinyl Finish	97.93	5.61
		For <135, Add	*19.59*	
10 22 33 00-0003	SF	20 STC Rating, Accordion Door/Partition With Standard Vinyl Finish	99.41	5.80
		For <135, Add	*19.88*	
10 22 33 00-0004	SF	31 STC Rating, Accordion Door/Partition With Standard Vinyl Finish	104.14	5.98
		For <135, Add	*20.83*	
10 22 33 00-0005	SF	35 STC Rating, Accordion Door/Partition With Standard Vinyl Finish	110.55	6.18
		For <135, Add	*22.11*	
10 22 33 00-0006	SF	39 STC Rating, Accordion Door/Partition With Standard Vinyl Finish	112.45	6.36
		For <135, Add	*22.49*	
10 22 33 00-0007	SF	40 STC Rating, Accordion Door/Partition With Standard Vinyl Finish	113.79	6.55
		For <135, Add	*22.76*	
10 22 33 00-0008	SF	41 STC Rating, Accordion Door/Partition With Standard Vinyl Finish	115.07	6.73
		For <135, Add	*23.01*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 22 33 00-0009	SF	44 STC Rating, Accordion Door/Partition With Standard Vinyl Finish (Hufcor® 4400)	115.04	10.08
10 22 33 00-0010	SF	44 STC Rating, Accordion Door/Partition With Standard Vinyl Finish	116.67	7.10
		For <135, Add	*23.33*	
10 22 33 00-0011	SF	47 STC Rating, Accordion Door/Partition With Standard Vinyl Finish	123.81	7.10
		For <135, Add	*24.76*	
10 22 33 00-0012	SF	50 STC Rating, Accordion Door/Partition With Standard Vinyl Finish	130.94	7.10
		For <135, Add	*26.19*	

10 22 43 Sliding Partitions *(10 22)*

10 22 43 00-0001 Operable Wall *(10 22 43)*

Note: Includes top support track, assembled panel and frames.

10 22 43 00-0002	SF	Up To 720 SF, Up To 12' Height Continuously Hinged Electric Operable Wall, Vinyl Finish, Top And Bottom Sweep Seals, 47 STC Rating	259.48	22.76
		Note: Includes pocket door, two ADA pass doors, track and hardware.		
		For 43 STC, Deduct	*-12.36*	
		For 49 STC, Add	*15.69*	
		For 52 STC, Add	*23.77*	
10 22 43 00-0003	SF	>720 To 1,200 SF, Up To 12 High Continuously Hinged Electric Operable Wall, Vinyl Finish, Top And Bottom Sweep Seals, 47 STC Rating	241.49	18.34
		Note: Includes pocket door, two ADA pass doors, track and hardware.		
		For 43 STC, Deduct	*-12.10*	
		For 49 STC, Add	*15.35*	
		For 52 STC, Add	*23.26*	
10 22 43 00-0004	SF	>1,200 SF, Up To 12' High Continuously Hinged Electric Operable Wall, Vinyl Finish, Top And Bottom Sweep Seals, 47 STC Rating	228.20	15.21
		Note: Includes pocket door, two ADA pass doors, track and hardware.		
		For 43 STC, Deduct	*-11.84*	
		For 49 STC, Add	*15.03*	
		For 52 STC, Add	*22.77*	
10 22 43 00-0005	SF	Up To 1,080 SF, >12' To 18' High Continuously Hinged Electric Operable Wall, Vinyl Finish, Top And Bottom Sweep Seals, 47 STC Rating	221.67	16.00
		Note: Includes pocket door, two ADA pass doors, track and hardware.		
		For 43 STC, Deduct	*-11.25*	
		For 49 STC, Add	*14.28*	
		For 52 STC, Add	*21.64*	
10 22 43 00-0006	SF	>1,080 To 1,800 SF, >12' To 18' High Continuously Hinged Electric Operable Wall, Vinyl Finish, Top And Bottom Sweep Seals, 47 STC Rating	207.80	13.00
		Note: Includes pocket door, two ADA pass doors, track and hardware.		
		For 43 STC, Deduct	*-10.94*	
		For 49 STC, Add	*13.88*	
		For 52 STC, Add	*21.03*	
10 22 43 00-0007	SF	>1,800 SF, >12' To 18' High Continuously Hinged Electric Operable Wall, Vinyl Finish, Top And Bottom Sweep Seals, 47 STC Rating	199.57	11.70
		Note: Includes pocket door, two ADA pass doors, track and hardware.		
		For 43 STC, Deduct	*-10.67*	
		For 49 STC, Add	*13.55*	
		For 52 STC, Add	*20.52*	
10 22 43 00-0008	SF	Up To 1,440 SF, >18' To 22'-3" High Continuously Hinged Electric Operable Wall, Vinyl Finish, Top And Bottom Sweep Seals, 47 STC Rating	197.10	12.62
		Note: Includes pocket door, two ADA pass doors, track and hardware.		
		For 43 STC, Deduct	*-10.33*	
		For 49 STC, Add	*13.12*	
		For 52 STC, Add	*19.87*	
10 22 43 00-0009	SF	>1,440 To 2,400 SF, >18' To 22'-3" High Continuously Hinged Electric Operable Wall, Vinyl Finish, Top And Bottom Sweep Seals, 47 STC Rating	186.49	10.80
		Note: Includes pocket door, two ADA pass doors, track and hardware.		
		For 43 STC, Deduct	*-10.01*	
		For 49 STC, Add	*12.70*	
		For 52 STC, Add	*19.25*	
10 22 43 00-0010	SF	>2,400 SF, >18' To 22'-3" High Continuously Hinged Electric Operable Wall, Vinyl Finish, Top And Bottom Sweep Seals, 47 STC Rating	179.16	9.63
		Note: Includes pocket door, two ADA pass doors, track and hardware.		
		For 43 STC, Deduct	*-9.75*	
		For 49 STC, Add	*12.38*	
		For 52 STC, Add	*18.75*	
10 22 43 00-0011	SF	Up To 160 SF, 10' Height Paired Panel Manual Operable Wall, Vinyl Finish, Top Sweep Seals And Mechanical Bottom Seals, 47 STC Rating	196.95	15.21
		Note: Includes pocket door, track and hardware.		
		For 44 STC, Deduct	*-9.79*	
		For 49 STC, Add	*12.43*	
		For 52 STC, Add	*18.83*	
10 22 43 00-0012	SF	>160 To 240 SF, 10' Height Paired Panel Manual Operable Wall, Vinyl Finish, Top Sweep Seals And Mechanical Bottom Seals, 47 STC Rating	181.74	11.58
		Note: Includes pocket door, track and hardware.		
		For 44 STC, Deduct	*-9.53*	
		For 49 STC, Add	*12.10*	
		For 52 STC, Add	*18.33*	
10 22 43 00-0013	SF	>240 SF, 10' Height Paired Panel Manual Operable Wall, Vinyl Finish, Top Sweep Seals And Mechanical Bottom Seals, 47 STC Rating	172.90	9.75
		Note: Includes pocket door, track and hardware.		
		For 44 STC, Deduct	*-9.31*	
		For 49 STC, Add	*11.82*	
		For 52 STC, Add	*17.91*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

10 26 Wall and Door Protection *(10 20)*

10 26 13 Corner Guards *(10 26)*

10 26 13 00-0001 Vinyl Corner Guards *(10 26 13)*

10 26 13 00-0002 Rigid Vinyl Corner Guards *(10 26 13 00-0001)*

10 26 13 00-0003 Surface Mounted, Rigid Vinyl Corner Guards *(10 26 13 00-0002)*

10 26 13 00-0004 90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guards *(10 26 13 00-0003)*

10 26 13 00-0005	LF	3/4" Wing, 90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard (Pawling CG-34)	8.14	3.57
		For >50 To 100, Deduct	*-1.49*	
		For >100 To 200, Deduct	*-2.08*	
		For >200, Deduct	*-2.79*	
10 26 13 00-0006	LF	1-1/2" Wing, 90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard (Pawling CG-12)	8.67	3.57
		For >50 To 100, Deduct	*-1.49*	
		For >100 To 200, Deduct	*-2.08*	
		For >200, Deduct	*-2.81*	
10 26 13 00-0007	LF	3" Wing, 90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard (Pawling CG-13)	11.62	3.57
		For >50 To 100, Deduct	*-1.49*	
		For >100 To 200, Deduct	*-2.08*	
		For >200, Deduct	*-2.96*	
10 26 13 00-0008	LF	4" Wing, 90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard (Pawling CG-14)	15.31	3.57
		For >50 To 100, Deduct	*-1.49*	
		For >100 To 200, Deduct	*-2.08*	
		For >200, Deduct	*-3.15*	

10 26 13 00-0009 135 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guards *(10 26 13 00-0003)*

10 26 13 00-0010	LF	1-1/2" Wing, 135 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard (Pawling CG-1245)	14.64	3.57
		For >50 To 100, Deduct	*-1.49*	
		For >100 To 200, Deduct	*-2.08*	
		For >200, Deduct	*-3.11*	

10 26 13 00-0011 Rigid Vinyl Corner Guards With Aluminum Retainers *(10 26 13 00-0001)*
Note: Includes closure caps.

10 26 13 00-0012 Surface Mounted, Rigid Vinyl Corner Guards With Aluminum Retainers *(10 26 13 00-0011)*

10 26 13 00-0013 90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guards With Aluminum Retainers *(10 26 13 00-0012)*

10 26 13 00-0014	LF	2" Wing, 90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-20)	14.93	5.35
		For >50 To 100, Deduct	*-2.23*	
		For >100 To 200, Deduct	*-3.12*	
		For >200, Deduct	*-4.31*	
		For Recycled Vinyl Retainer, Deduct	*-1.20*	
10 26 13 00-0015	LF	3" Wing, 90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-10)	16.57	5.35
		For >50 To 100, Deduct	*-2.23*	
		For >100 To 200, Deduct	*-3.12*	
		For >200, Deduct	*-4.40*	
		For Recycled Vinyl Retainer, Deduct	*-1.53*	
10 26 13 00-0016	LF	Bullnose 3" Wing, 90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-30)	18.21	5.35
		For >50 To 100, Deduct	*-2.23*	
		For >100 To 200, Deduct	*-3.12*	
		For >200, Deduct	*-4.48*	
		For Recycled Vinyl Retainer, Deduct	*-1.86*	

10 26 13 00-0017 135 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guards With Aluminum Retainers *(10 26 13 00-0012)*

10 26 13 00-0018	LF	3" Wing, 135 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-135)	21.28	5.35
		For >50 To 100, Deduct	*-2.23*	
		For >100 To 200, Deduct	*-3.12*	
		For >200, Deduct	*-4.63*	
		For Recycled Vinyl Retainer, Deduct	*-2.47*	

10 26 13 00-0019 End Wall Protector, Surface Mounted, Rigid Vinyl Corner Guards With Aluminum Retainers *(10 26 13 00-0012)*
Note: Includes two rigid vinyl corner guards with aluminum retainers and a vinyl wall covering filler strip inserted between guards.

10 26 13 00-0020	LF	2" Wing, End Wall Protector, Surface Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-11)	30.14	7.13
		For >50 To 100, Deduct	*-2.97*	
		For >100 To 200, Deduct	*-4.16*	
		For >200, Deduct	*-6.26*	
		For Recycled Vinyl Retainer, Deduct	*-3.65*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 26 13 00-0021		Flush Mounted, Rigid Vinyl Corner Guards With Aluminum Retainers *(10 26 13 00-0011)*		
10 26 13 00-0022		90 Degree Angle, Flush Mounted, Rigid Vinyl Corner Guards With Aluminum Retainers *(10 26 13 00-0021)*		
10 26 13 00-0023	LF	2" Wing, 90 Degree Angle, Flush Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-72)	19.65	5.35
		For >50 To 100, Deduct	*-2.23*	
		For >100 To 200, Deduct	*-3.12*	
		For >200, Deduct	*-4.55*	
		For Up To 2 HR Fire Rated, Add	*7.51*	
10 26 13 00-0024	LF	3" Wing, 90 Degree Angle, Flush Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-7)	23.54	5.35
		For >50 To 100, Deduct	*-2.23*	
		For >100 To 200, Deduct	*-3.12*	
		For >200, Deduct	*-4.75*	
		For Up To 2 HR Fire Rated, Add	*10.23*	
10 26 13 00-0025	LF	Bullnose 3" Wing, 90 Degree Angle, Flush Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-32)	21.87	5.35
		For >50 To 100, Deduct	*-2.23*	
		For >100 To 200, Deduct	*-3.12*	
		For >200, Deduct	*-4.66*	
		For Up To 2 HR Fire Rated, Add	*9.07*	
10 26 13 00-0026		135 Degree Angle, Flush Mounted, Rigid Vinyl Corner Guards With Aluminum Retainers *(10 26 13 00-0021)*		
10 26 13 00-0027	LF	3" Wing, 135 Degree Angle, Flush Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-75)	25.20	5.35
		For >50 To 100, Deduct	*-2.23*	
		For >100 To 200, Deduct	*-3.12*	
		For >200, Deduct	*-4.83*	
		For Up To 2 HR Fire Rated, Add	*11.40*	
10 26 13 00-0028		End Wall Protector, Flush Mounted, Rigid Vinyl Corner Guards With Aluminum Retainers *(10 26 13 00-0021)* Note: Includes two rigid vinyl corner guards with aluminum retainers and a vinyl wall covering filler strip inserted between guards.		
10 26 13 00-0029	LF	2" Wing, End Wall Protector, Flush Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-888)	52.25	7.13
		For >50 To 100, Deduct	*-2.97*	
		For >100 To 200, Deduct	*-4.16*	
		For >200, Deduct	*-7.37*	
		For Up To 2 HR Fire Rated, Add	*28.25*	
10 26 13 00-0030		Flexible Vinyl Corner Guards *(10 26 13 00-0001)* Note: Includes adhesive for installation.		
10 26 13 00-0031		Surface Mounted, Flexible Vinyl Corner Guards *(10 26 13 00-0030)*		
10 26 13 00-0032		90 Degree Angle, Surface Mounted, Flexible Vinyl Corner Guards *(10 26 13 00-0031)*		
10 26 13 00-0033	LF	1-3/4" Wing, 90 Degree Angle, Surface Mounted, Flexible Vinyl Corner Guard (Pawling CG-9)	11.01	3.57
		For >50 To 100, Deduct	*-1.49*	
		For >100 To 200, Deduct	*-2.08*	
		For >200, Deduct	*-2.93*	
		For Bolting To Concrete Or Masonry, Add	*2.54*	
10 26 13 00-0034	LF	2-1/2" Wing, 90 Degree Angle, Surface Mounted, Flexible Vinyl Corner Guard (Pawling CG-3)	13.94	3.57
		For >50 To 100, Deduct	*-1.49*	
		For >100 To 200, Deduct	*-2.08*	
		For >200, Deduct	*-3.08*	
		For Bolting To Concrete Or Masonry, Add	*2.98*	
10 26 13 00-0035	LF	4" Wing, 90 Degree Angle, Surface Mounted, Flexible Vinyl Corner Guard (Pawling CG-15)	16.31	3.57
		For >50 To 100, Deduct	*-1.49*	
		For >100 To 200, Deduct	*-2.08*	
		For >200, Deduct	*-3.20*	
		For Bolting To Concrete Or Masonry, Add	*3.34*	
10 26 13 00-0036		Polycarbonate Corner Guards *(10 26 13)*		
10 26 13 00-0037		Surface Mounted, Polycarbonate Corner Guards *(10 26 13 00-0036)*		
10 26 13 00-0038		90 Degree Angle, Surface Mounted, Polycarbonate Corner Guards *(10 26 13 00-0037)*		
10 26 13 00-0039	LF	3/4" Wing, 90 Degree Angle, Surface Mounted, Polycarbonate Corner Guard (Pawling CG-16)	7.48	3.57
		For >50 To 100, Deduct	*-1.49*	
		For >100 To 200, Deduct	*-2.08*	
		For >200, Deduct	*-2.75*	
10 26 13 00-0040	LF	1-1/8" Wing, 90 Degree Angle, Surface Mounted, Polycarbonate Corner Guard (Pawling CG-17)	8.91	3.57
		For >50 To 100, Deduct	*-1.49*	
		For >100 To 200, Deduct	*-2.08*	
		For >200, Deduct	*-2.83*	
10 26 13 00-0041	LF	2" Wing, 90 Degree Angle, Surface Mounted, Polycarbonate Corner Guard (Pawling CG-24)	10.58	3.57
		For >50 To 100, Deduct	*-1.49*	
		For >100 To 200, Deduct	*-2.08*	
		For >200, Deduct	*-2.91*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 26 13 00-0042	LF	2-1/2" Wing, 90 Degree Angle, Surface Mounted, Polycarbonate Corner Guard (Pawling CG-18)	11.59	3.57
		For >50 To 100, Deduct	*-1.49*	
		For >100 To 200, Deduct	*-2.08*	
		For >200, Deduct	*-2.96*	
10 26 13 00-0043	LF	Bullnose 2-1/2" Wing, 90 Degree Angle, Surface Mounted, Polycarbonate Corner Guard (Pawling CG-23)	11.22	3.57
		For >50 To 100, Deduct	*-1.49*	
		For >100 To 200, Deduct	*-2.08*	
		For >200, Deduct	*-2.94*	
10 26 13 00-0044		135 Degree Angle, Surface Mounted, Polycarbonate Corner Guards *(10 26 13 00-0037)*		
10 26 13 00-0045	LF	2-1/2" Wing, 135 Degree Angle, Surface Mounted, Polycarbonate Corner Guard (Pawling CG-19)	11.59	3.57
		For >50 To 100, Deduct	*-1.49*	
		For >100 To 200, Deduct	*-2.08*	
		For >200, Deduct	*-2.96*	
10 26 13 00-0046		Aluminum Corner Guards *(10 26 13)*		
10 26 13 00-0047		Surface Mounted, Aluminum Corner Guards *(10 26 13 00-0046)*		
10 26 13 00-0048		90 Degree Angle, Surface Mounted, Aluminum Corner Guards *(10 26 13 00-0047)*		
10 26 13 00-0049	LF	1" Wing, 90 Degree Angle, Surface Mounted, Aluminum Corner Guard (Pawling CG-400)	10.39	3.57
		For >50 To 100, Deduct	*-1.49*	
		For >100 To 200, Deduct	*-2.08*	
		For >200, Deduct	*-2.90*	
10 26 13 00-0050	LF	2" Wing, 90 Degree Angle, Surface Mounted, Aluminum Corner Guard (Pawling CG-401)	12.32	3.57
		For >50 To 100, Deduct	*-1.49*	
		For >100 To 200, Deduct	*-2.08*	
		For >200, Deduct	*-3.00*	
10 26 13 00-0051	LF	3" Wing, 90 Degree Angle, Surface Mounted, Aluminum Corner Guard (Pawling CG-402)	13.52	3.57
		For >50 To 100, Deduct	*-1.49*	
		For >100 To 200, Deduct	*-2.08*	
		For >200, Deduct	*-3.06*	
10 26 13 00-0052		135 Degree Angle, Surface Mounted, Aluminum Corner Guards *(10 26 13 00-0047)*		
10 26 13 00-0053	LF	1" Wing, 135 Degree Angle, Surface Mounted, Aluminum Corner Guard (Pawling CG-403)	10.39	3.57
		For >50 To 100, Deduct	*-1.49*	
		For >100 To 200, Deduct	*-2.08*	
		For >200, Deduct	*-2.90*	
10 26 13 00-0054	LF	2" Wing, 135 Degree Angle, Surface Mounted, Aluminum Corner Guard (Pawling CG-404)	12.32	3.57
		For >50 To 100, Deduct	*-1.49*	
		For >100 To 200, Deduct	*-2.08*	
		For >200, Deduct	*-3.00*	
10 26 13 00-0055	LF	3" Wing, 135 Degree Angle, Surface Mounted, Aluminum Corner Guard (Pawling CG-405)	13.52	3.57
		For >50 To 100, Deduct	*-1.49*	
		For >100 To 200, Deduct	*-2.08*	
		For >200, Deduct	*-3.06*	
10 26 13 00-0056		Steel Corner Guards *(10 26 13)*		
10 26 13 00-0057		Steel Angle Iron, Corner Guards *(10 26 13 00-0056)*		
10 26 13 00-0058		Surface Mounted, Steel Angle Iron, Corner Guards *(10 26 13 00-0057)*		
10 26 13 00-0059		90 Degree Angle, Surface Mounted, Steel Angle Iron, Corner Guards *(10 26 13 00-0058)*		
10 26 13 00-0060	LF	1" x 1" x 1/4", 90 Degree Angle, Surface Mounted, Steel Angle Iron, Corner Guard	13.40	4.29
		For Galvanizing, Add	*2.19*	
		For >50 To 100, Deduct	*-1.78*	
		For >100 To 200, Deduct	*-2.50*	
		For >200, Deduct	*-3.52*	
10 26 13 00-0061	LF	2" x 2" x 1/4", 90 Degree Angle, Surface Mounted, Steel Angle Iron, Corner Guard	16.88	4.64
		For Galvanizing, Add	*3.20*	
		For >50 To 100, Deduct	*-1.93*	
		For >100 To 200, Deduct	*-2.71*	
		For >200, Deduct	*-3.94*	
10 26 13 00-0062	LF	2" x 3" x 1/4", 90 Degree Angle, Surface Mounted, Steel Angle Iron, Corner Guard	17.93	4.82
		For Galvanizing, Add	*3.47*	
		For >50 To 100, Deduct	*-2.01*	
		For >100 To 200, Deduct	*-2.81*	
		For >200, Deduct	*-4.11*	
10 26 13 00-0063	LF	3" x 3" x 1/4", 90 Degree Angle, Surface Mounted, Steel Angle Iron, Corner Guard	18.34	4.99
		For Galvanizing, Add	*3.51*	
		For >50 To 100, Deduct	*-2.08*	
		For >100 To 200, Deduct	*-2.91*	
		For >200, Deduct	*-4.25*	
10 26 13 00-0064	LF	3" x 4" x 1/4", 90 Degree Angle, Surface Mounted, Steel Angle Iron, Corner Guard	22.63	5.17
		For Galvanizing, Add	*4.90*	
		For >50 To 100, Deduct	*-2.16*	
		For >100 To 200, Deduct	*-3.02*	
		For >200, Deduct	*-4.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 26 13 00-0065	LF	4" x 4" x 1/4", 90 Degree Angle, Surface Mounted, Steel Angle Iron, Corner Guard	26.95	5.35
		For Galvanizing, Add	*6.31*	
		For >50 To 100, Deduct	*-2.23*	
		For >100 To 200, Deduct	*-3.12*	
		For >200, Deduct	*-4.92*	
10 26 13 00-0066	LF	6" x 6" x 1/4", 90 Degree Angle, Surface Mounted, Steel Angle Iron, Corner Guard	45.52	7.13
		For Galvanizing, Add	*11.77*	
		For >50 To 100, Deduct	*-2.97*	
		For >100 To 200, Deduct	*-4.16*	
		For >200, Deduct	*-7.03*	

10 26 13 00-0067 Stainless Steel Corner Guards *(10 26 13)*

10 26 13 00-0068 Stainless Steel Corner Guards *(10 26 13 00-0067)*

Note: Includes 16 gauge, type 304 stainless steel corner guards with #4 satin finish.

10 26 13 00-0069 Surface Mounted, Stainless Steel Corner Guards *(10 26 13 00-0068)*

10 26 13 00-0070 90 Degree Angle, Surface Mounted, Stainless Steel Corner Guards *(10 26 13 00-0069)*

10 26 13 00-0071	LF	1" Wing, 90 Degree Angle, Surface Mounted, Stainless Steel Corner Guard (Pawling CG-520)	11.49	3.57
		For >50 To 100, Deduct	*-1.49*	
		For >100 To 200, Deduct	*-2.08*	
		For >200, Deduct	*-2.95*	
10 26 13 00-0072	LF	2" Wing, 90 Degree Angle, Surface Mounted, Stainless Steel Corner Guard (Pawling CG-510)	13.19	3.57
		For >50 To 100, Deduct	*-1.49*	
		For >100 To 200, Deduct	*-2.08*	
		For >200, Deduct	*-3.04*	
10 26 13 00-0073	LF	3-1/2" Wing, 90 Degree Angle, Surface Mounted, Stainless Steel Corner Guard (Pawling CG-500)	17.62	3.57
		For >50 To 100, Deduct	*-1.49*	
		For >100 To 200, Deduct	*-2.08*	
		For >200, Deduct	*-3.26*	
10 26 13 00-0074	LF	Bullnose 3-1/2" Wing, 90 Degree Angle, Surface Mounted, Stainless Steel Corner Guard (Pawling CG-550)	17.62	3.57
		For >50 To 100, Deduct	*-1.49*	
		For >100 To 200, Deduct	*-2.08*	
		For >200, Deduct	*-3.26*	

10 26 13 00-0075 135 Degree Angle, Surface Mounted, Stainless Steel Corner Guards *(10 26 13 00-0069)*

10 26 13 00-0076	LF	3-1/2" Wing, 135 Degree Angle, Surface Mounted, Stainless Steel Corner Guard (Pawling CG-600)	17.62	3.57
		For >50 To 100, Deduct	*-1.49*	
		For >100 To 200, Deduct	*-2.08*	
		For >200, Deduct	*-3.26*	
10 26 13 00-0077	LF	Bullnose 3-1/2" Wing, 135 Degree Angle, Surface Mounted, Stainless Steel Corner Guard (Pawling CG-650)	17.62	3.57
		For >50 To 100, Deduct	*-1.49*	
		For >100 To 200, Deduct	*-2.08*	
		For >200, Deduct	*-3.26*	

10 26 13 00-0078 Stainless Steel Angle Iron, Corner Guards *(10 26 13 00-0067)*

10 26 13 00-0079 Surface Mounted, Stainless Steel Angle Iron, Corner Guards *(10 26 13 00-0078)*

10 26 13 00-0080 90 Degree Angle, Surface Mounted, Stainless Steel Angle Iron, Corner Guards *(10 26 13 00-0079)*

10 26 13 00-0081	LF	1" x 1" x 1/4", 90 Degree Angle, Surface Mounted, Stainless Steel Angle Iron, Corner Guard	21.61	4.29
		For >50 To 100, Deduct	*-1.78*	
		For >100 To 200, Deduct	*-2.50*	
		For >200, Deduct	*-3.93*	
10 26 13 00-0082	LF	2" x 2" x 1/4", 90 Degree Angle, Surface Mounted, Stainless Steel Angle Iron, Corner Guard	35.18	4.64
		For >50 To 100, Deduct	*-1.93*	
		For >100 To 200, Deduct	*-2.71*	
		For >200, Deduct	*-4.85*	
10 26 13 00-0083	LF	2" x 3" x 1/4", 90 Degree Angle, Surface Mounted, Stainless Steel Angle Iron, Corner Guard	48.69	4.82
		For >50 To 100, Deduct	*-2.01*	
		For >100 To 200, Deduct	*-2.81*	
		For >200, Deduct	*-5.65*	
10 26 13 00-0084	LF	3" x 3" x 1/4", 90 Degree Angle, Surface Mounted, Stainless Steel Angle Iron, Corner Guard	45.60	4.99
		For >50 To 100, Deduct	*-2.08*	
		For >100 To 200, Deduct	*-2.91*	
		For >200, Deduct	*-5.61*	
10 26 13 00-0085	LF	3" x 4" x 1/4", 90 Degree Angle, Surface Mounted, Stainless Steel Angle Iron, Corner Guard	64.59	5.17
		For >50 To 100, Deduct	*-2.16*	
		For >100 To 200, Deduct	*-3.02*	
		For >200, Deduct	*-6.68*	
10 26 13 00-0086	LF	4" x 4" x 1/4", 90 Degree Angle, Surface Mounted, Stainless Steel Angle Iron, Corner Guard	59.84	5.35
		For >50 To 100, Deduct	*-2.23*	
		For >100 To 200, Deduct	*-3.12*	
		For >200, Deduct	*-6.56*	

10 26 13 00-0087 Rubber Corner Guards *(10 26 13)*

Note: Includes adhesive for installation.

10 26 13 00-0088 Natural Rubber Corner Guards *(10 26 13 00-0087)*

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 26 13 00-0089			Surface Mounted, Natural Rubber Corner Guards *(10 26 13 00-0088)*		
10 26 13 00-0090			90 Degree Angle, Surface Mounted, Natural Rubber Corner Guards *(10 26 13 00-0089)*		
	10 26 13 00-0091	LF	4-3/4" Wing, 90 Degree Angle, Surface Mounted, Natural Rubber Corner Guard (Pawling CG-5)	49.79	3.57
			For >50 To 100, Deduct	*-1.49*	
			For >100 To 200, Deduct	*-2.08*	
			For >200, Deduct	*-4.87*	
			For Bolting To Concrete Or Masonry, Add	*8.36*	
10 26 13 00-0092			Styrene-Butadiene Rubber (SBR) Corner Guards *(10 26 13 00-0087)*		
10 26 13 00-0093			Surface Mounted, Styrene-Butadiene Rubber (SBR) Corner Guards *(10 26 13 00-0092)*		
10 26 13 00-0094			90 Degree Angle, Surface Mounted, Styrene-Butadiene Rubber (SBR) Corner Guards *(10 26 13 00-0093)*		
	10 26 13 00-0095	LF	4-5/8" Wing, 90 Degree Angle, Surface Mounted, Styrene-Butadiene Rubber (SBR) Corner Guard (Pawling CG-2)	22.79	3.57
			For >50 To 100, Deduct	*-1.49*	
			For >100 To 200, Deduct	*-2.08*	
			For >200, Deduct	*-3.52*	
			For Bolting To Concrete Or Masonry, Add	*4.31*	
10 26 13 00-0096			Ethylene Propylene Diene Monomer (EPDM) Rubber Corner Guards *(10 26 13 00-0087)*		
10 26 13 00-0097			Surface Mounted, Ethylene Propylene Diene Monomer (EPDM) Rubber Corner Guards *(10 26 13 00-0096)*		
10 26 13 00-0098			90 Degree Angle, Surface Mounted, Ethylene Propylene Diene Monomer (EPDM) Rubber Corner Guards *(10 26 13 00-0097)*		
	10 26 13 00-0099	LF	4-5/8" Wing, 90 Degree Angle, Surface Mounted, Ethylene Propylene Diene Monomer (EPDM) Rubber Corner Guard (Pawling CG-2E)	20.09	3.57
			For >50 To 100, Deduct	*-1.49*	
			For >100 To 200, Deduct	*-2.08*	
			For >200, Deduct	*-3.38*	
			For Bolting To Concrete Or Masonry, Add	*3.91*	
10 26 16			**Bumper Guards** *(10 26)*		
10 26 16 13			**Bumper Rails** *(10 26 16)*		
10 26 16 13-0001			Crash Rails *(10 26 16 13)* Note: Includes end caps.		
10 26 16 13-0002			Polycarbonate Crash Rails *(10 26 16 13-0001)*		
	10 26 16 13-0003	LF	3" High, 5/16" Deep, Polycarbonate Crash Rail (Pawling CR-3)	13.09	4.76
			For >50 To 100, Deduct	*-2.38*	
			For >100 To 200, Deduct	*-3.33*	
			For >200, Deduct	*-4.46*	
	10 26 16 13-0004	LF	4" High, 5/16" Deep, Polycarbonate Crash Rail (Pawling CR-4)	14.36	4.76
			For >50 To 100, Deduct	*-2.38*	
			For >100 To 200, Deduct	*-3.33*	
			For >200, Deduct	*-4.53*	
10 26 16 13-0005			Aluminum Crash Rails *(10 26 16 13-0001)*		
	10 26 16 13-0006	LF	4" High, 3-1/4" Deep, Aluminum Crash Rail (Pawling CRA-100)	36.43	4.76
			For >50 To 100, Deduct	*-2.38*	
			For >100 To 200, Deduct	*-3.33*	
			For >200, Deduct	*-5.63*	
10 26 16 13-0007			Stainless Steel Crash Rails *(10 26 16 13-0001)*		
	10 26 16 13-0008	LF	4" High, 3-1/4" Deep, Stainless Steel Crash Rail (Pawling CRS-100)	63.33	4.76
			For >50 To 100, Deduct	*-2.38*	
			For >100 To 200, Deduct	*-3.33*	
			For >200, Deduct	*-6.97*	
	10 26 16 13-0009	LF	5-1/2" High, 1-1/2" Deep, Stainless Steel Crash Rail (Pawling CRS-200)	49.88	4.76
			For >50 To 100, Deduct	*-2.38*	
			For >100 To 200, Deduct	*-3.33*	
			For >200, Deduct	*-6.30*	
10 26 16 13-0010			Wall Guards *(10 26 16 13)*		
10 26 16 13-0011			Rigid Vinyl Wall Guards With Aluminum Retainers *(10 26 16 13-0010)* Note: Includes end caps.		
	10 26 16 13-0012	LF	1-1/2" High, 1-1/2" Deep, Flat, Rigid Vinyl Wall Guard With Aluminum Retainer (Pawling WG-1)	13.37	4.17
			For >50 To 100, Deduct	*-2.08*	
			For >100 To 200, Deduct	*-2.91*	
			For >200, Deduct	*-4.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 26 16 13-0013	LF	3" High, 1" Deep, Flat, Rigid Vinyl Wall Guard With Aluminum Retainer (Pawling WG-3)	16.23	4.76
		For >50 To 100, Deduct	*-2.38*	
		For >100 To 200, Deduct	*-3.33*	
		For >200, Deduct	*-4.62*	
10 26 16 13-0014	LF	4" High, 3/4" Deep, Flat, Rigid Vinyl Wall Guard With Aluminum Retainer (Pawling WG-4)	17.48	4.76
		For >50 To 100, Deduct	*-2.38*	
		For >100 To 200, Deduct	*-3.33*	
		For >200, Deduct	*-4.68*	
10 26 16 13-0015	LF	5" High, 1-1/16" Deep, Curved, Rigid Vinyl Wall Guard With Aluminum Retainer (Pawling WG-5)	18.16	4.76
		For >50 To 100, Deduct	*-2.38*	
		For >100 To 200, Deduct	*-3.33*	
		For >200, Deduct	*-4.72*	
10 26 16 13-0016	LF	6" High, 1" Deep, Flat, Rigid Vinyl Wall Guard With Aluminum Retainer (Pawling WG-6)	21.55	5.05
		For >50 To 100, Deduct	*-2.53*	
		For >100 To 200, Deduct	*-3.54*	
		For >200, Deduct	*-5.12*	
10 26 16 13-0017	LF	8" High, 1-1/16" Deep, Curved, Rigid Vinyl Wall Guard With Aluminum Retainer (Pawling WG-7)	21.66	5.05
		For >50 To 100, Deduct	*-2.53*	
		For >100 To 200, Deduct	*-3.54*	
		For >200, Deduct	*-5.13*	
10 26 16 13-0018	LF	7-3/4" High, 1" Deep, Flat, Rigid Vinyl Wall Guard With Aluminum Retainer (Pawling WG-8)	22.26	5.05
		For >50 To 100, Deduct	*-2.53*	
		For >100 To 200, Deduct	*-3.54*	
		For >200, Deduct	*-5.16*	
10 26 16 13-0019	LF	12" High, 2" Deep, Flat, Rigid Vinyl Wall Guard With Aluminum Retainer (Pawling WG-12)	26.63	5.35
		For >50 To 100, Deduct	*-2.68*	
		For >100 To 200, Deduct	*-3.75*	
		For >200, Deduct	*-5.61*	

10 26 16 13-0020 Rubber Wall Guards *(10 26 16 13-0010)*

10 26 16 13-0021 D-Shaped, Rubber Wall Guards *(10 26 16 13-0020)*

10 26 16 13-0022	LF	2" High, 1-3/4" Deep, D-Shaped, Rubber Wall Guard (Pawling D-2)	17.67	4.17
		For >50 To 100, Deduct	*-2.08*	
		For >100 To 200, Deduct	*-2.91*	
		For >200, Deduct	*-4.21*	
10 26 16 13-0023	LF	3" High, 3" Deep, D-Shaped, Rubber Wall Guard (Pawling D-3)	25.66	4.76
		For >50 To 100, Deduct	*-2.38*	
		For >100 To 200, Deduct	*-3.33*	
		For >200, Deduct	*-5.09*	
10 26 16 13-0024	LF	4" High, 4-1/4" Deep, D-Shaped, Rubber Wall Guard (Pawling D-4)	37.30	4.76
		For >50 To 100, Deduct	*-2.38*	
		For >100 To 200, Deduct	*-3.33*	
		For >200, Deduct	*-5.67*	
10 26 16 13-0025	LF	6" High, 6" Deep, D-Shaped, Rubber Wall Guard (Pawling D-6)	51.96	4.76
		For >50 To 100, Deduct	*-2.38*	
		For >100 To 200, Deduct	*-3.33*	
		For >200, Deduct	*-6.41*	

10 26 16 13-0026 Rectangular, Rubber Wall Guards *(10 26 16 13-0020)*

10 26 16 13-0027	LF	8" High, 1-1/2" Deep, Rectangular, Rubber Wall Guard (Pawling E-1)	39.91	5.05
		For >50 To 100, Deduct	*-2.53*	
		For >100 To 200, Deduct	*-3.54*	
		For >200, Deduct	*-6.04*	
10 26 16 13-0028	LF	9" High, 2" Deep, Rectangular, Rubber Wall Guard (Pawling M-2)	50.12	5.35
		For >50 To 100, Deduct	*-2.68*	
		For >100 To 200, Deduct	*-3.75*	
		For >200, Deduct	*-6.79*	

10 26 16 13-0029 Wing Type, Rubber Wall Guards *(10 26 16 13-0020)*

10 26 16 13-0030	LF	6" High, 2" Deep, Wing Type, Rubber Wall Guard (Pawling WT-20)	64.68	4.76
		For >50 To 100, Deduct	*-2.38*	
		For >100 To 200, Deduct	*-3.33*	
		For >200, Deduct	*-7.04*	
10 26 16 13-0031	LF	6" High, 3" Deep, Wing Type, Rubber Wall Guard (Pawling WT-30)	68.71	4.76
		For >50 To 100, Deduct	*-2.38*	
		For >100 To 200, Deduct	*-3.33*	
		For >200, Deduct	*-7.24*	
10 26 16 13-0032	LF	3-7/8" High, 2-1/2" Deep, Wing Type, Rubber Wall Guard (Pawling WT-25)	31.84	4.17
		For >50 To 100, Deduct	*-2.08*	
		For >100 To 200, Deduct	*-2.91*	
		For >200, Deduct	*-4.92*	

10 26 16 13-0033 U-Shaped, Rubber Wall Guards *(10 26 16 13-0020)*

10 26 16 13-0034	LF	3-1/8" High, 3-7/8" Deep, U-Shaped, Rubber Wall Guard (Pawling U-4)	54.84	5.05
		For >50 To 100, Deduct	*-2.53*	
		For >100 To 200, Deduct	*-3.54*	
		For >200, Deduct	*-6.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 26 16 13-0035	LF	4-1/2" High, 3-1/2" Deep, U-Shaped, Rubber Wall Guard (Pawling U-3)	61.23	5.05
		For >50 To 100, Deduct	*-2.53*	
		For >100 To 200, Deduct	*-3.54*	
		For >200, Deduct	*-7.11*	

10 26 16 13-0036 Accent Rails *(10 26 16 13)*

Note: Includes end caps.

10 26 16 13-0037 Oval, Rigid Vinyl Accent Rails With Aluminum Retainers *(10 26 16 13-0036)*

10 26 16 13-0038	LF	1-1/8" High, 1-1/16" Deep, Oval, Rigid Vinyl Accent Rail With Aluminum Retainer (Pawling EB-25)	15.57	4.17
		For >50 To 100, Deduct	*-2.08*	
		For >100 To 200, Deduct	*-2.91*	
		For >200, Deduct	*-4.11*	
10 26 16 13-0039	LF	2" High, 1-1/8" Deep, Oval, Rigid Vinyl Accent Rail With Aluminum Retainer (Pawling EBR-30)	15.59	4.17
		For >50 To 100, Deduct	*-2.08*	
		For >100 To 200, Deduct	*-2.91*	
		For >200, Deduct	*-4.11*	
10 26 16 13-0040	LF	2" High, 1-3/4" Deep, Oval, Rigid Vinyl Accent Rail With Aluminum Retainer (Pawling WG-22)	21.79	4.17
		For >50 To 100, Deduct	*-2.08*	
		For >100 To 200, Deduct	*-2.91*	
		For >200, Deduct	*-4.42*	

10 26 16 16 Protective Corridor Handrails *(10 26 16)*

10 26 16 16-0001 Protective Corridor Handrails *(10 26 16 16)*

10 26 16 16-0002 Vinyl/Acrylic Protective Corridor Handrails With Aluminum Retainers *(10 26 16 16-0001)*

10 26 16 16-0003	LF	1-1/2" Diameter, Vinyl/Acrylic Protective Corridor Handrail With Aluminum Retainer (Acrovyn HR-6CN)	30.91	8.92
		For >50 To 100, Deduct	*-4.46*	
		For >100 To 200, Deduct	*-6.24*	
		For >200, Deduct	*-8.68*	
10 26 16 16-0004	EA	End Cap For 1-1/2" Diameter, Vinyl/Acrylic Protective Corridor Handrail With Aluminum Retainer (Acrovyn)	27.18	8.92
		For >25 To 50, Deduct	*-4.46*	
		For >50 To 100, Deduct	*-6.24*	
		For >100, Deduct	*-8.50*	
10 26 16 16-0005	LF	5-1/2" High, Vinyl/Acrylic Protective Corridor Handrail With Aluminum Retainer (Acrovyn HRB-4C)	42.12	8.92
		For >50 To 100, Deduct	*-4.46*	
		For >100 To 200, Deduct	*-6.24*	
		For >200, Deduct	*-9.24*	
10 26 16 16-0006	EA	End Cap For 5-1/2" High, Vinyl/Acrylic Protective Corridor Handrail With Aluminum Retainer (Acrovyn)	34.65	8.92
		For >25 To 50, Deduct	*-4.46*	
		For >50 To 100, Deduct	*-6.24*	
		For >100, Deduct	*-8.87*	
10 26 16 16-0007	LF	6-1/4" High, Vinyl/Acrylic Crash And Handrail With Aluminum Retainer (Acrovyn HRB-10CN)	43.99	8.92
		For >50 To 100, Deduct	*-4.46*	
		For >100 To 200, Deduct	*-6.24*	
		For >200, Deduct	*-9.34*	
10 26 16 16-0008	EA	End Cap For 6-1/4" High, Vinyl/Acrylic Crash And Handrail With Aluminum Retainer (Acrovyn)	47.72	8.92
		For >25 To 50, Deduct	*-4.46*	
		For >50 To 100, Deduct	*-6.24*	
		For >100, Deduct	*-9.52*	
10 26 16 16-0009	LF	6" High, Vinyl/Acrylic Protective Corridor Handrail With Aluminum Retainer (Acrovyn HR-8CN)	57.06	8.92
		For >50 To 100, Deduct	*-4.46*	
		For >100 To 200, Deduct	*-6.24*	
		For >200, Deduct	*-9.99*	
10 26 16 16-0010	EA	End Cap For 6" High, Vinyl/Acrylic Protective Corridor Handrail With Aluminum Retainer (Acrovyn)	62.67	8.92
		For >25 To 50, Deduct	*-4.46*	
		For >50 To 100, Deduct	*-6.24*	
		For >100, Deduct	*-10.27*	

10 26 16 16-0011 Stainless Steel Protective Corridor Handrails *(10 26 16 16-0001)*

10 26 16 16-0012	LF	5-7/8" High, Stainless Steel Protective Corridor Handrail (Acrovyn P-RS)	75.74	8.92
		For >50 To 100, Deduct	*-4.46*	
		For >100 To 200, Deduct	*-6.24*	
		For >200, Deduct	*-10.92*	
10 26 16 16-0013	EA	End Cap For 5-7/8" High, Stainless Steel Protective Corridor Handrail (Acrovyn)	77.61	8.92
		For >25 To 50, Deduct	*-4.46*	
		For >50 To 100, Deduct	*-6.24*	
		For >100, Deduct	*-11.02*	

10 26 16 16-0014 Hardwood Protective Corridor Handrails *(10 26 16 16-0001)*

Note: Includes end caps.

10 26 16 16-0015	LF	4" High, Vinyl Protective Corridor Handrail With 1-1/2" Diameter Wood (Pawling BR-400C)	33.40	7.90
		For >50 To 100, Deduct	*-3.95*	
		For >100 To 200, Deduct	*-5.53*	
		For >200, Deduct	*-7.99*	
		For Maple, Add	*0.53*	
10 26 16 16-0016	LF	5-1/2" Diameter, Hardwood Protective Corridor Handrail With Vinyl Inserts (Pawling BR-5500)	39.47	8.42
		For >50 To 100, Deduct	*-4.21*	
		For >100 To 200, Deduct	*-5.89*	
		For >200, Deduct	*-8.71*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 26 16 16-0017	LF	1-1/2" Diameter, Hardwood Protective Corridor Handrail (Pawling BR-1500)	29.63	7.90
		For >50 To 100, Deduct	*-3.95*	
		For >100 To 200, Deduct	*-5.53*	
		For >200, Deduct	*-7.80*	
		For Maple, Add	*5.95*	
		For Oak, Add	*6.64*	

10 26 23 Protective Wall Covering *(10 26)*

10 26 23 13 Impact Resistant Wall Protection *(10 26 23)*

10 26 23 13-0001 Impact Resistant Wall Protection *(10 26 23 13)*

Note: Includes standard trim.

10 26 23 13-0002	SF	0.030" Rigid Vinyl, Impact Resistant Wall Covering (Pawling WC-30)	8.63	2.98
10 26 23 13-0003	SF	0.040" Rigid Vinyl, Impact Resistant Wall Covering (Pawling WC-40)	8.95	2.98
10 26 23 13-0004	SF	0.060" Rigid Vinyl, Impact Resistant Wall Covering (Pawling WC-60)	10.84	2.98

10 26 23 13-0005 Interior Polyvinyl Chloride (PVC) Soffit System *(10 26 23 13)*

Note: DecoShield Systems, Inc. Concealment system for fire sprinkler piping, plumbing lines, HVAC, cable and conduit.

10 26 23 13-0006 "L" Design *(10 26 23 13-0005)*

10 26 23 13-0007 L-Shield *(10 26 23 13-0006)*

10 26 23 13-0008	LF	2.38" Depth L-Shield Cover, Duplex Polyvinyl Chloride (PVC), 1" Shield Size For 3/4" And 1" Pipe	16.93	2.98
10 26 23 13-0009	LF	3" Depth L-Shield Cover, Duplex Polyvinyl Chloride (PVC), 1-1/4" Shield Size For 1-1/4" And 1-1/2" Pipe	19.57	4.17
10 26 23 13-0010	LF	3.75" Depth L-Shield Cover, Duplex Polyvinyl Chloride (PVC), 2" Shield Size For 2" Pipe	25.71	5.35
10 26 23 13-0011	LF	5.75" Depth L-Shield Cover, Duplex Polyvinyl Chloride (PVC), 2-1/2" Shield Size For 2-1/2" Pipe	35.31	6.54

10 26 23 13-0012 "Combo" Hanger *(10 26 23 13-0006)*

10 26 23 13-0013	EA	Combination "Combo" Hanger, L-Support, For 3/4" Pipe	18.60	5.95
10 26 23 13-0014	EA	Combination "Combo" Hanger, L-Support, For 1" Pipe	21.50	7.14
10 26 23 13-0015	EA	Combination "Combo" Hanger, L-Support, For 1-1/4" Pipe	24.83	8.32
10 26 23 13-0016	EA	Combination "Combo" Hanger, L-Support, For 1-1/2" Pipe	27.60	9.52
10 26 23 13-0017	EA	Combination "Combo" Hanger, L-Support, For 2" Pipe	30.93	10.71

10 26 23 13-0018 Snap-2 Pipe Hanger *(10 26 23 13-0006)*

10 26 23 13-0019	EA	Snap-2 Pipe Hanger, L-Support, For 3/4" Pipe	15.38	5.95
10 26 23 13-0020	EA	Snap-2 Pipe Hanger, L-Support, For 1" Pipe	18.69	7.14
10 26 23 13-0021	EA	Snap-2 Pipe Hanger, L-Support, For 1-1/4" Pipe	21.75	8.32
10 26 23 13-0022	EA	Snap-2 Pipe Hanger, L-Support, For 1-1/2" Pipe	25.33	9.52
10 26 23 13-0023	EA	Snap-2 Pipe Hanger, L-Support, For 2" Pipe	29.05	10.71

10 26 23 13-0024 Coupling *(10 26 23 13-0006)*

10 26 23 13-0025	EA	Coupling, L-Shield, 1" Shield Size	10.10	2.98
10 26 23 13-0026	EA	Coupling, L-Shield, 1-1/4" Shield Size	14.62	4.17
10 26 23 13-0027	EA	Coupling, L-Shield, 2" Shield Size	21.02	5.35
10 26 23 13-0028	EA	Coupling, L-Shield, 2-1/2" Shield Size	26.34	6.54

10 26 23 13-0029 Coupling, Reducer *(10 26 23 13-0006)*

10 26 23 13-0030	EA	Coupling, Reducing, L-Shield, 1-1/4" x 1" Shield Size	28.57	3.57
10 26 23 13-0031	EA	Coupling, Reducing, L-Shield, 2" x 1" Shield Size	35.11	4.17
10 26 23 13-0032	EA	Coupling, Reducing, L-Shield, 2" x 1-1/4" Shield Size	41.67	4.76
10 26 23 13-0033	EA	Coupling, Reducing, L-Shield, 2-1/2" x 2" Shield Size	162.99	5.95

10 26 23 13-0034 Shield Clips *(10 26 23 13-0006)*

10 26 23 13-0035	EA	Shield Clips, L-Support, 1" Shield Size	6.11	1.78
10 26 23 13-0036	EA	Shield Clips, L-Support, 1-1/4" Shield Size	9.16	2.98
10 26 23 13-0037	EA	Shield Clips, L-Support, 2" Shield Size	12.07	4.17
10 26 23 13-0038	EA	Shield Clips, L-Support, 2-1/2" Shield Size	13.66	5.35

10 26 23 13-0039 Wall Flange *(10 26 23 13-0006)*

10 26 23 13-0040	EA	Wall Flange, L-Shield, 1" Shield Size	9.83	2.98
10 26 23 13-0041	EA	Wall Flange, L-Shield, 1-1/4" Shield Size	14.08	4.17
10 26 23 13-0042	EA	Wall Flange, L-Shield, 2" Shield Size	20.49	5.35
10 26 23 13-0043	EA	Wall Flange, L-Shield, 2-1/2" Shield Size	84.95	6.54

10 26 23 13-0044 End Cap *(10 26 23 13-0006)*

10 26 23 13-0045	EA	End Cap, L-Shield, 1" Shield Size	10.13	1.78
10 26 23 13-0046	EA	End Cap, L-Shield, 1-1/4" Shield Size	13.45	2.98
10 26 23 13-0047	EA	End Cap, L-Shield, 2" Shield Size	18.63	4.17
10 26 23 13-0048	EA	End Cap, L-Shield, 2-1/2" Shield Size	86.52	5.35

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 26 23 13-0049		**Inside/Outside Corner** *(10 26 23 13-0006)*		
10 26 23 13-0050	EA	Inside/Outside Corner, L-Shield, 1" Shield Size	63.20	5.95
10 26 23 13-0051	EA	Inside/Outside Corner, L-Shield, 1-1/4" Shield Size	68.12	7.14
10 26 23 13-0052	EA	Inside/Outside Corner, L-Shield, 2" Shield Size	82.28	8.93
10 26 23 13-0053	EA	Inside/Outside Corner, L-Shield, 2-1/2" Shield Size	143.98	10.71
10 26 23 13-0054		**Joiner** *(10 26 23 13-0006)*		
10 26 23 13-0055	LF	Joiner, L-Shield	13.08	1.78
10 26 23 13-0056		**"U" Design** *(10 26 23 13-0005)*		
10 26 23 13-0057		**U-Shield** *(10 26 23 13-0056)*		
10 26 23 13-0058	LF	2.25" Depth U-Shield Cover, Duplex Polyvinyl Chloride (PVC), 1" Shield Size For 3/4" And 1" Pipe	20.42	2.98
10 26 23 13-0059	LF	2.875" Depth U-Shield Cover, Duplex Polyvinyl Chloride (PVC), 1-1/4" Shield Size For 1-1/4" Pipe	25.46	4.17
10 26 23 13-0060	LF	3.68" Depth U-Shield Cover, Duplex Polyvinyl Chloride (PVC), 2" Shield Size For 1-1/2" And 2" Pipe	32.54	4.17
10 26 23 13-0061		**"Combo" Hanger** *(10 26 23 13-0056)*		
10 26 23 13-0062	EA	Combination "Combo" Hanger, U-Support For 3/4" Pipe	16.05	5.95
10 26 23 13-0063	EA	Combination "Combo" Hanger, U-Support For 1" Pipe	19.09	7.14
10 26 23 13-0064	EA	Combination "Combo" Hanger, U-Support For 1-1/4" Pipe	22.02	8.32
10 26 23 13-0065	EA	Combination "Combo" Hanger, U-Support For 1-1/2" Pipe	27.20	9.52
10 26 23 13-0066	EA	Combination "Combo" Hanger, U-Support For 2" Pipe	30.80	10.71
10 26 23 13-0067		**Snap-2 Pipe Hanger** *(10 26 23 13-0056)*		
10 26 23 13-0068	EA	Snap-2 Pipe Hanger, U-Support, For 3/4" Pipe	15.11	5.95
10 26 23 13-0069	EA	Snap-2 Pipe Hanger, U-Support, For 1" Pipe	18.42	7.14
10 26 23 13-0070	EA	Snap-2 Pipe Hanger, U-Support, For 1-1/4" Pipe	22.42	8.32
10 26 23 13-0071	EA	Snap-2 Pipe Hanger, U-Support, For 1-1/2" Pipe	25.06	9.52
10 26 23 13-0072	EA	Snap-2 Pipe Hanger, U-Support, For 2" Pipe	28.92	10.71
10 26 23 13-0073		**Coupling** *(10 26 23 13-0056)*		
10 26 23 13-0074	EA	Coupling, U-Shield, 1" Shield Size	11.98	2.98
10 26 23 13-0075	EA	Coupling, U-Shield, 1-1/4" Shield Size	15.02	4.17
10 26 23 13-0076	EA	Coupling, U-Shield, 2" Shield Size	18.34	5.35
10 26 23 13-0077		**Coupling, Reducer** *(10 26 23 13-0056)*		
10 26 23 13-0078	EA	Reducing Coupling, U-Shield, 1-1/4" x 1" Shield Size	33.93	3.57
10 26 23 13-0079	EA	Reducing Coupling, U-Shield, 2" x 1" Shield Size	40.47	4.17
10 26 23 13-0080	EA	Reducing Coupling, U-Shield, 2" x 1-1/4" Shield Size	43.01	4.76
10 26 23 13-0081		**Shield Clips** *(10 26 23 13-0056)*		
10 26 23 13-0082	EA	Shield Clips, U-Support, 1" Shield Size	5.58	1.78
10 26 23 13-0083	EA	Shield Clips, U-Support, 1-1/4" Shield Size	8.23	2.98
10 26 23 13-0084	EA	Shield Clips, U-Support, 2" Shield Size	10.86	4.17
10 26 23 13-0085		**Wall Flange** *(10 26 23 13-0056)*		
10 26 23 13-0086	EA	Wall Flange, U-Shield, 1" Shield Size	11.58	2.98
10 26 23 13-0087	EA	Wall Flange, U-Shield, 1-1/4" Shield Size	14.88	4.17
10 26 23 13-0088	EA	Wall Flange, U-Shield, 2" Shield Size	18.21	5.35
10 26 23 13-0089		**End Cap** *(10 26 23 13-0056)*		
10 26 23 13-0090	EA	End Cap, U-Shield, 1" Shield Size	10.80	1.78
10 26 23 13-0091	EA	End Cap, U-Shield, 1-1/4" Shield Size	14.52	2.98
10 26 23 13-0092	EA	End Cap, U-Shield, 2" Shield Size	18.10	4.17
10 26 23 13-0093		**Inside/Outside Corner** *(10 26 23 13-0056)*		
10 26 23 13-0094	EA	Inside/Outside Corner, U-Shield, 1" Shield Size	79.41	5.95
10 26 23 13-0095	EA	Inside/Outside Corner, U-Shield, 1-1/4" Shield Size	88.34	7.14
10 26 23 13-0096	EA	Inside/Outside Corner, U-Shield, 2" Shield Size	104.51	8.93
10 26 23 13-0097		**Elbow** *(10 26 23 13-0056)*		
10 26 23 13-0098	EA	Elbow, U-Shield, 1" Shield Size	77.93	5.95
10 26 23 13-0099	EA	Elbow, U-Shield, 1-1/4" Shield Size	85.66	7.14
10 26 23 13-0100	EA	Elbow, U-Shield, 2" Shield Size	101.97	8.93

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 26 23 13-0101		**Tee** *(10 26 23 13-0056)*		
10 26 23 13-0102	EA	Tee, U-Shield, 1" x 1" x 1" Shield Size	98.62	8.93
10 26 23 13-0103	EA	Tee, U-Shield, 1-1/4" x 1-1/4" x 1-1/4" Shield Size	109.69	10.71
10 26 23 13-0104	EA	Tee, U-Shield, 2" x 2" x 2" Shield Size	128.11	13.08
10 26 23 13-0105	EA	Tee, U-Shield, 1-1/4" x 1-1/4" x 1" Shield Size	130.06	10.12
10 26 23 13-0106	EA	Tee, U-Shield, 2" x 2" x 1-1/4" Shield Size	140.31	12.49
10 26 23 13-0107		**Cross** *(10 26 23 13-0056)*		
10 26 23 13-0108	EA	Cross, U-Shield, 1" Shield Size	178.50	11.90
10 26 23 13-0109	EA	Cross, U-Shield, 1-1/4" Shield Size	200.00	14.27
10 26 23 13-0110	EA	Cross, U-Shield, 2" Shield Size	243.04	17.85
10 26 23 13-0111	EA	Cross, U-Shield, 1-1/4" x 1" Shield Size	244.78	13.08
10 26 23 13-0112	EA	Cross, U-Shield, 2" x 1-1/4" Shield Size	269.21	16.06
10 26 23 13-0113		**Transition Fittings (L to U Or U to L)** *(10 26 23 13-0005)*		
10 26 23 13-0114		**Coupling Transition** *(10 26 23 13-0113)*		
10 26 23 13-0115	EA	Transition Coupling, 1" x 1", LxU or UxL	30.33	2.98
10 26 23 13-0116	EA	Transition Coupling, 1-1/4" x 1-1/4", LxU or UxL	34.31	4.17
10 26 23 13-0117	EA	Transition Coupling, 2" x 2", LxU or UxL	42.72	5.35
10 26 23 13-0118	EA	Transition Coupling, 1" x 1-1/4", LxU or UxL	34.33	3.57
10 26 23 13-0119	EA	Transition Coupling, 1-1/4" x 2", LxU or UxL	42.74	4.76
10 26 23 13-0120	EA	Transition Coupling, 2" x 2-1/2", LxU or UxL	170.62	5.95
10 26 23 13-0121		**Elbow Transition** *(10 26 23 13-0113)*		
10 26 23 13-0122	EA	Transition Elbow, 1" x 1" (UxL)	104.86	5.95
10 26 23 13-0123	EA	Transition Elbow, 1-1/4" x 1-1/4" (UxL)	113.66	7.14
10 26 23 13-0124	EA	Transition Elbow, 2" x 2" (UxL)	133.31	8.93
10 26 23 13-0125	EA	Transition Elbow, 1" x 1-1/4" (UxL)	163.10	6.54
10 26 23 13-0126	EA	Transition Elbow, 1-1/4" x 1" (UxL)	115.41	6.54
10 26 23 13-0127	EA	Transition Elbow, 1-1/4" x 2" (UxL)	172.30	8.32
10 26 23 13-0128	EA	Transition Elbow, 2" x 1-1/4" (UxL)	133.59	8.32
10 26 23 13-0129	EA	Transition Elbow, 2" x 2-1/2" (UxL)	207.09	9.52
10 26 23 13-0130		**Tee Transition** *(10 26 23 13-0113)*		
10 26 23 13-0131	EA	Transition Tee, 1" x 1" x 1" (LxLxU)	120.18	8.93
10 26 23 13-0132	EA	Transition Tee, 1-1/4" x 1-1/4" x 1-1/4" (LxLxU)	139.02	10.71
10 26 23 13-0133	EA	Transition Tee, 2" x 2" x 2" (LxLxU)	161.73	13.08
10 26 23 13-0134	EA	Transition Tee, 1-1/4" x 1-1/4" x 1" (LxLxU)	126.98	10.12
10 26 23 13-0135	EA	Transition Tee, 1-1/4" x 1-1/4" x 2" (LxLxU)	199.42	11.30
10 26 23 13-0136	EA	Transition Tee, 2" x 2" x 1-1/4" (LxLxU)	141.51	12.49
10 26 23 13-0137	EA	Transition Tee, 2-1/2" x 2-1/2" x 2" (LxLxU)	193.15	14.88
10 26 23 13-0138		**Fittings (L Or U)** *(10 26 23 13-0005)*		
10 26 23 13-0139		**Hugger Hangers For Steel Pipe** *(10 26 23 13-0138)*		
10 26 23 13-0140	EA	Hugger Hanger, For 1/2" Steel Pipe	12.33	4.76
10 26 23 13-0141	EA	Hugger Hanger, For 3/4" Steel Pipe	15.38	5.95
10 26 23 13-0142	EA	Hugger Hanger, For 1" Steel Pipe	18.02	7.14
10 26 23 13-0143	EA	Hugger Hanger, For 1-1/4" Steel Pipe	20.81	8.32
10 26 23 13-0144	EA	Hugger Hanger, For 1-1/2" Steel Pipe	23.45	9.52
10 26 23 13-0145	EA	Hugger Hanger, For 2" Steel Pipe	26.38	9.52
10 26 23 13-0146	EA	Hugger Hanger, For 2-1/2" Steel Pipe	29.01	11.90
10 26 23 13-0147	EA	Hugger Hanger, For 3" Steel Pipe	36.36	13.08
10 26 23 13-0148		**Hugger Hangers For Copper Pipe** *(10 26 23 13-0138)*		
10 26 23 13-0149	EA	1/2" Copper Pipe, Hugger Hanger	12.47	4.76
10 26 23 13-0150	EA	3/4" Copper Pipe, Hugger Hanger	15.52	5.95
10 26 23 13-0151	EA	1" Copper Pipe, Hugger Hanger	18.15	7.14
10 26 23 13-0152	EA	1-1/4" Copper Pipe, Hugger Hanger	20.95	8.32
10 26 23 13-0153	EA	1-1/2" Copper Pipe, Hugger Hanger	23.58	9.52
10 26 23 13-0154	EA	2" Copper Pipe, Hugger Hanger	26.64	10.71
10 26 23 13-0155	EA	2-1/2" Copper Pipe, Hugger Hanger	29.28	11.90
10 26 23 13-0156	EA	3" Copper Pipe, Hugger Hanger	36.76	13.08
10 26 23 13-0157		**Shield Extension (L Or U)** *(10 26 23 13-0138)*		
10 26 23 13-0158	LF	Shield Extension	15.89	1.78

10 26 41 Bullet Resistant Panels *(10 26)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 26 41 00-0001		**Laminated Bullet Resistant Fiberglass Panel** *(10 26 41)* Note: Material consisting of multiple layers of woven roving ballistic grade fiberglass cloth impregnated with a thermoset polyester resin and compressed into rigid flat sheets.		
10 26 41 00-0002	SF	1/8" Thick Ballistic Resistant Fiberglass Panel, 1.2 LB/SF	22.15	1.67
10 26 41 00-0003	SF	3/16" Thick Ballistic Resistant Fiberglass Panel, 2 LB/SF	30.29	1.80
10 26 41 00-0004	SF	1/4" Thick Ballistic Resistant Fiberglass Panel, 2.4 To 2.6 LB/SF	34.24	1.92
10 26 41 00-0005	SF	5/16" Thick Ballistic Resistant Fiberglass Panel, 3 To 3.6 LB/SF	36.44	2.04
10 26 41 00-0006	SF	3/8" Thick Ballistic Resistant Fiberglass Panel, 3.6 To 3.9 LB/SF	39.46	2.15
10 26 41 00-0007	SF	7/16" Thick Ballistic Resistant Fiberglass Panel, 4 To 4.9 LB/SF	42.46	2.27
10 26 41 00-0008	SF	9/16" Thick Ballistic Resistant Fiberglass Panel, 5.5 To 6.6 LB/SF	71.96	2.75
10 26 41 00-0009	SF	1-1/8" Thick Ballistic Resistant Fiberglass Panel, 11 To 11.7 LB/SF	103.37	4.31
10 26 41 00-0010	SF	1-3/16" Thick Ballistic Resistant Fiberglass Panel, 12 To 13.2 LB/SF	122.90	5.14
10 26 41 00-0011	SF	1-5/16" Thick Ballistic Resistant Fiberglass Panel, 13.4 To 14 LB/SF	148.36	5.63

10 28 Toilet, Bath, and Laundry Accessories *(10 20)*

10 28 13 Toilet Accessories *(10 28)*

10 28 13 13 Commercial Toilet Accessories *(10 28 13)*

10 28 13 13-0001		**Toilet Accessories** *(10 28 13 13)*		
10 28 13 13-0002		**Dispensers** *(10 28 13 13-0001)*		
10 28 13 13-0003		**Paper Towel Dispensers** *(10 28 13 13-0002)*		
10 28 13 13-0004		**Stainless Steel Paper Towel Dispensers** *(10 28 13 13-0003)*		
10 28 13 13-0005	EA	Surface Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick Classic B-262)	114.01	26.76
10 28 13 13-0006	EA	Surface Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick B-2620)	121.64	26.76
10 28 13 13-0007	EA	Surface Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick B-2621)	122.77	26.76
10 28 13 13-0008	EA	Surface Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick Classic B-26212)	124.96	26.76
10 28 13 13-0009	EA	Surface Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick B-263)	185.25	26.76
10 28 13 13-0010	EA	Recessed Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick Classic B-359)	200.27	26.76
10 28 13 13-0011	EA	Surface Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick Contura B-4262)	218.17	26.76
10 28 13 13-0012	EA	Countertop Recessed Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick TrimLine B-526)	224.07	11.89
10 28 13 13-0013	EA	Concealed Cabinet, Recessed Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick B-318)	376.95	26.76
10 28 13 13-0014	EA	Touch Free, Surface Mounted, Stainless Steel Roll Paper Towel Dispenser (Bobrick B-2860)	443.93	26.76
10 28 13 13-0015	EA	Recessed Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick B-4369)	478.46	26.76
10 28 13 13-0016		**Plastic Paper Towel Dispensers** *(10 28 13 13-0003)*		
10 28 13 13-0017	EA	Surface Mounted, Acrylonitrile Butadiene Styrene (ABS) Plastic Folded Paper Towel Dispenser (Bobrick Matrix B-5262)	88.00	26.76
10 28 13 13-0018	EA	Surface Mounted, Acrylonitrile Butadiene Styrene (ABS) Plastic Roll Paper Towel Dispenser (Bobrick Matrix B-52860)	175.64	26.76
10 28 13 13-0019	EA	Surface Mounted, Translucent Cover, Acrylonitrile Butadiene Styrene (ABS) Plastic Roll Paper Towel Dispenser (Bobrick B-72860)	174.46	26.76
10 28 13 13-0020		**Aluminum Paper Towel Dispensers** *(10 28 13 13-0003)*		
10 28 13 13-0021	EA	Surface Mounted, Heavy-Duty Aluminum Casting Roll Paper Towel Dispenser (Bobrick B-253)	95.64	26.76
10 28 13 13-0022		**Toilet Tissue Dispensers** *(10 28 13 13-0002)*		
10 28 13 13-0023		**Plastic Toilet Tissue Dispensers** *(10 28 13 13-0022)*		
10 28 13 13-0024	EA	Two Roll, Surface Mounted, Acrylonitrile Butadiene Styrene (ABS) Plastic Toilet Tissue Dispenser (Bobrick B-5288)	87.72	26.76
10 28 13 13-0025	EA	Two Jumbo Roll, Surface Mounted, Acrylonitrile Butadiene Styrene (ABS) Plastic Toilet Tissue Dispenser (Georgia Pacific 58250)	120.43	26.76
10 28 13 13-0026		**Cast Aluminum Toilet Tissue Dispensers** *(10 28 13 13-0022)*		
10 28 13 13-0027	EA	Single Roll Without Controlled Delivery, Surface Mounted, Cast Aluminum Toilet Tissue Dispenser (Bobrick B-2730)	79.81	26.76
10 28 13 13-0028	EA	Single Roll With Controlled Delivery, Surface Mounted, Cast Aluminum Toilet Tissue Dispenser (Bobrick B-273)	80.37	26.76
10 28 13 13-0029	EA	Two Roll Without Controlled Delivery, Surface Mounted, Cast Aluminum Toilet Tissue Dispenser (Bobrick B-2740)	84.33	26.76
10 28 13 13-0030	EA	Two Roll With Controlled Delivery, Surface Mounted, Cast Aluminum Toilet Tissue Dispenser (Bobrick B-274)	91.68	26.76
10 28 13 13-0031	EA	Two Roll Without Controlled Delivery, Surface Mounted, Cast Aluminum Toilet Tissue Dispenser (Bobrick B-27460)	118.81	26.76
10 28 13 13-0032		**Stainless Steel Toilet Tissue Dispensers** *(10 28 13 13-0022)*		
10 28 13 13-0033	EA	Single Roll, Surface Mounted, Vandal Resistant, Stainless Steel Toilet Tissue Dispenser (Bobrick Classic B-264)	68.78	26.76
10 28 13 13-0034	EA	Double Roll, Surface Mounted, Toilet Tissue Dispenser With Utility Shelf (Bobrick B-540)	185.55	26.76
10 28 13 13-0035	EA	Single Roll, Surface Mounted, Stainless Steel, Toilet Tissue Dispenser (Bobrick B-543)	110.48	26.76
10 28 13 13-0036	EA	Single Roll, Recessed Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick B-663)	105.53	26.76
10 28 13 13-0037	EA	Single Roll, Surface Mounted, Stainless Steel, Bright Polished Finish, Toilet Tissue Dispenser (Bobrick B-685)	114.15	26.76
10 28 13 13-0038	EA	Double Roll, Surface Mounted, Stainless Steel, Bright Polished Finish, Toilet Tissue Dispenser (Bobrick B-686)	148.38	29.73
10 28 13 13-0039	EA	Single Roll, Surface Mounted, Stainless Steel, Satin Finish, Toilet Tissue Dispenser (Bobrick B-6857)	114.15	26.76
10 28 13 13-0040	EA	Double Roll, Surface Mounted, Stainless Steel, Satin Finish, Toilet Tissue Dispenser (Bobrick B-6867)	148.38	26.76

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 28 13 13-0041	EA	Single Roll, Surface Mounted, Stainless Steel, Satin Finish, Toilet Tissue Dispenser With Hood (Bobrick B-66997)	159.38	26.76
10 28 13 13-0042	EA	Double Roll, Surface Mounted, Stainless Steel, Satin Finish, Toilet Tissue Dispenser With Hoods (Bobrick B-6999)	245.70	26.76
10 28 13 13-0043	EA	Double Roll, Surface Mounted, Stainless Steel, Satin Finish, Toilet Tissue Dispenser With Hoods (Bobrick B-69997)	245.70	26.76
10 28 13 13-0044	EA	Single Jumbo Roll, Surface Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick B-2890)	105.71	26.76
10 28 13 13-0045	EA	Single Fold/Double Fold, Surface Mounted, Stainless Steel Toilet Tissue Cabinet (Bobrick B-272)	123.05	26.76
10 28 13 13-0046	EA	Two Roll, Surface Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick Classic B-265)	79.23	26.76
10 28 13 13-0047	EA	Two Roll, Surface Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick Classic B-2888)	131.82	26.76
10 28 13 13-0048	EA	Two Roll, Recessed Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick Classic B-3888)	184.71	26.76
10 28 13 13-0049	EA	Two Roll, Surface Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick Contura B-4288)	192.04	26.76
10 28 13 13-0050	EA	Two Roll, Recessed Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick Contura B-4388)	242.96	26.76
10 28 13 13-0051	EA	Two Jumbo Roll, Surface Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick B-2892)	223.91	26.76
10 28 13 13-0052	EA	Four Roll, Partition Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick B-386) Note: Mounts centered through toilet partitions.	346.01	26.76
10 28 13 13-0053	EA	Multi-Roll, Surface Mounted, Stainless Steel Toilet Tissue Dispenser With Shelf (Bobrick B-2840)	151.05	26.76
10 28 13 13-0054		**Soap or Sanitizer Dispensers** *(10 28 13 13-0002)*		
10 28 13 13-0055	EA	20 Fluid Ounce, 4" Spout, Top-Filling Lavatory Mounted, Chrome Plated Soap Dispenser (Bobrick B-8221)	104.12	26.76
		For 34 Fluid Ounce (B-822), Add	*4.93*	
10 28 13 13-0056	EA	20 Fluid Ounce, 6" Spout, Top-Filling Lavatory Mounted, Chrome Plated Soap Dispenser (Bobrick B-82216)	112.60	26.76
		For 34 Fluid Ounce (B-822), Add	*4.93*	
10 28 13 13-0057	EA	24 Fluid Ounce, Surface Mounted, Translucent Polyethylene Soap Dispenser (Bobrick B-156)	71.89	26.76
10 28 13 13-0058	EA	24 Fluid Ounce, Surface Mounted, Chrome-Plated, Translucent Polyethylene Soap Dispenser (Bobrick B-155)	77.82	26.76
10 28 13 13-0059	EA	40 Fluid Ounce, Concealed Surface Mounted, Translucent Soap Dispenser (Bobrick B-40)	94.06	26.76
10 28 13 13-0060	EA	40 Fluid Ounce, Surface Mounted, Translucent Plastic Soap Dispenser (Bobrick Classic B-42)	96.51	26.76
10 28 13 13-0061	EA	40 Fluid Ounce, Surface Mounted, Stainless Steel Soap Dispenser (Bobrick Classic B-2111/2112)	105.81	26.76
10 28 13 13-0062	EA	40 Fluid Ounce, Surface Mounted, Stainless Steel Soap Dispenser (Bobrick Contura B-4112)	132.67	26.76
10 28 13 13-0063	EA	45 Fluid Ounce, Recessed Mounted, Stainless Steel Soap Dispenser (Bobrick B-306)	224.01	26.76
10 28 13 13-0064	EA	50 Fluid Ounce, Recessed Mounted, Stainless Steel Soap Dispenser (Bobrick Contura B-4063)	354.33	26.76
10 28 13 13-0065	EA	800 ml, Lavatory Mounted, Chrome Plated Automatic Soap Dispenser (Bobrick B-826.18) Note: Includes start-up kit.	221.55	26.76
10 28 13 13-0066		**Sanitizer Dispensers** *(10 28 13 13-0002)*		
10 28 13 13-0067		**Manual Sanitizer Dispensers** *(10 28 13 13-0066)*		
10 28 13 13-0068	EA	1,200 ml, Wall Mounted, Plastic, Manual Operation Liquid Hand Sanitizer Dispenser (Purelll 5020-01)	83.30	26.76
10 28 13 13-0069	EA	1,200 ml, Wall Mounted, Plastic, Manual Operation Foam Hand Sanitizer Dispenser (Purelll 4510-00)	84.51	26.76
10 28 13 13-0070	EA	1,250 ml, Wall Mounted, Plastic, Manual Operation Gel Hand Sanitizer Dispenser (Purelll 8824-06-UV)	84.13	26.76
10 28 13 13-0071		**Automatic Sanitizer Dispensers** *(10 28 13 13-0066)*		
10 28 13 13-0072	EA	1,000 ml, Wall Mounted, Plastic, Automatic Operation Liquid Hand Sanitizer Dispenser (Clorox 30242-EA)	78.14	26.76
10 28 13 13-0073	EA	1,200 ml, Wall Mounted, Plastic, Automatic Operation Liquid Hand Sanitizer Dispenser (Purelll 6420-01 ES6)	100.75	26.76
10 28 13 13-0074	EA	1,200 ml, Wall Mounted, Plastic, Automatic Operation Gel Hand Sanitizer Dispenser (Purelll 6520-01 CS6)	95.11	26.76
10 28 13 13-0075	EA	1,200 ml, Wall Mounted, Plastic, Automatic Operation Liquid Hand Sanitizer Dispenser (Purelll 7720-01 ES8)	102.02	26.76
10 28 13 13-0076	EA	1,000/1,200 ml, Wall Mounted, Plastic, Automatic Operation Foam/Gel Hand Sanitizer Dispenser (Georgia-Pacific enMotion® Gen2 Hygiene Series 52058)	116.99	26.76
10 28 13 13-0077	EA	2,000 ml, Wall Mounted, Plastic, Automatic Operation Liquid Hand Sanitizer Dispenser (Purelll 5240-06)	117.70	26.76
10 28 13 13-0078		**Automatic Floor Stand Sanitizer Dispensers** *(10 28 13 13-0066)*		
10 28 13 13-0079	EA	1,000 ml, Floor Stand, Metal, Automatic Operation Liquid Hand Sanitizer Dispenser (Purell Elite LTX™ 2456-DS)	574.35	8.92
10 28 13 13-0080	EA	1,200 ml, Floor Stand, ABS Plastic, Automatic Operation Foam/Gel Hand Sanitizer Dispenser (Purell 7308-DS-SLV)	617.64	8.92
10 28 13 13-0081	EA	1,200 ml, Floor Stand, Aluminum and Polypropylene, Automatic Operation Liquid Hand Sanitizer Dispenser (Purell 2454-DS02)	641.84	8.92
10 28 13 13-0082		**Facial Tissue Dispensers** *(10 28 13 13-0002)*		
10 28 13 13-0083	EA	Surface Mounted, Stainless Steel Facial Tissue Dispenser (Bobrick B-8397)	119.39	26.76
10 28 13 13-0084	EA	Recessed Mounted, Stainless Steel Facial Tissue Dispenser (Gamco 355)	86.26	26.76
10 28 13 13-0085		**Sanitary Toilet Seat Cover Dispensers** *(10 28 13 13-0002)*		
10 28 13 13-0086	EA	Surface Mounted, Acrylonitrile Butadiene Styrene (ABS) Plastic Sanitary Seat-Cover Dispenser (Bobrick Matrix B-5221)	70.75	26.76
10 28 13 13-0087	EA	Surface Mounted, Stainless Steel Sanitary Seat-Cover Dispenser (Bobrick Classic B-221)	93.09	26.76
10 28 13 13-0088	EA	Surface Mounted, Stainless Steel Sanitary Seat-Cover Dispenser (Bobrick Contura B-4221)	163.49	26.76
10 28 13 13-0089	EA	Recessed Mounted, Stainless Steel Sanitary Seat-Cover Dispenser (Bobrick Classic B-301)	172.28	26.76
10 28 13 13-0090	EA	Recessed Mounted, Stainless Steel Sanitary Seat-Cover Dispenser (Bobrick TrimLine B-3013)	335.96	26.76
10 28 13 13-0091		**Sanitary Toilet Seat Cover/Toilet Tissue Dispensers** *(10 28 13 13-0002)*		
10 28 13 13-0092	EA	Surface Mounted, Stainless Steel Seat Cover And Toilet Tissue Dispenser (Bobrick Classic B-3479)	532.83	26.76
10 28 13 13-0093	EA	Recessed Mounted, Stainless Steel Seat Cover And Toilet Tissue Dispenser (Bobrick B-34745)	326.27	26.76
10 28 13 13-0094		**Sanitary Napkin/Tampon Dispensers** *(10 28 13 13-0002)*		

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10 28 13 13-0095	EA	Surface Mounted, Stainless Steel Sanitary Napkin/Tampon Vendor (Bobrick B-370639C)	657.10	26.76
10 28 13 13-0096	EA	Surface Mounted, Stainless Steel Sanitary Napkin/Tampon Vendor (Gamco B-282 25)	500.47	26.76
10 28 13 13-0097	EA	Surface Mounted, Stainless Steel Sanitary Napkin/Tampon Vending (Bobrick B-2706)	665.72	26.76
10 28 13 13-0098	EA	Recessed Mounted, Stainless Steel Sanitary Napkin/Tampon Vendor (Bobrick Classic B-352 25)	505.30	26.76
10 28 13 13-0099	EA	Recessed Mounted, Single Coin Operation, Stainless Steel, Sanitary Napkin/Tampon Vendor (Gamco NV-2-4)	444.73	26.76
10 28 13 13-0100	EA	Recessed Mounted, Stainless Steel Sanitary Napkin/Tampon Vendor (Bradley 401-45)	567.73	26.76
10 28 13 13-0101		**Toilet Compartment Combination Dispenser/Disposals** *(10 28 13 13-0002)*		
10 28 13 13-0102	EA	Side Wall Recessed Mounted, Stainless Steel Toilet Tissue Dispenser With Sanitary Napkin Disposal (Bobrick B-3094)	468.46	59.46
10 28 13 13-0103	EA	Side Wall Recessed Mounted, Stainless Steel Seat Cover And Toilet Tissue Dispenser (Bobrick B-3474)	522.35	59.46
10 28 13 13-0104	EA	Side Wall Recessed Mounted, Stainless Steel Seat Cover And Toilet Tissue Dispenser With Sanitary Napkin Disposal (Bobrick B-35745)	434.21	59.46
10 28 13 13-0105	EA	Side Wall Recessed Mounted, Stainless Steel Seat Cover And Toilet Tissue Dispenser With Sanitary Napkin Disposal (Bobrick B-3574)	608.87	59.46
10 28 13 13-0106	EA	Partition Mounted, Stainless Steel Seat Cover And Toilet Tissue Dispenser (Bobrick B-347)	625.54	59.46
10 28 13 13-0107	EA	Partition Mounted, Stainless Steel Seat Cover And Toilet Tissue Dispenser With Sanitary Napkin Disposal (Bobrick B-357)	718.56	59.46
10 28 13 13-0108	EA	Surface Mounted, Stainless Steel Seat Cover And Toilet Tissue Dispenser With Sanitary Napkin Disposal (Bobrick B-3579)	674.07	59.46
10 28 13 13-0109		**Receptacles** *(10 28 13 13-0001)*		
10 28 13 13-0110		**Wall Mounted Waste Receptacles** *(10 28 13 13-0109)*		
10 28 13 13-0111	EA	1-1/2 Gallon, Surface Mounted, Stainless Steel Facial Tissue Waste Receptacle (Gamco WR-3)	105.78	26.76
10 28 13 13-0112	EA	6.4 Gallon, Surface Mounted, Stainless Steel Waste Receptacle (Bobrick B-279)	173.66	26.76
10 28 13 13-0113	EA	12 Gallon, 4" Wall Recess, Stainless Steel Waste Receptacle (Bobrick Classic B-3644)	401.08	59.46
10 28 13 13-0114	EA	12 Gallon, 4" Wall Recess, Stainless Steel Waste Receptacle (Bobrick Contura B-43644)	592.19	59.46
10 28 13 13-0115	EA	20 Gallon, Surface Mounted, Stainless Steel Waste Receptacle (Bobrick B-275)	470.34	59.46
10 28 13 13-0116		**Floor-Standing/Counter Waste Receptacles** *(10 28 13 13-0109)*		
10 28 13 13-0117	EA	5-7/8" Inside Diameter, 3-7/8" Deep, Countertop-Mounted, Stainless Steel Waste Chute (Bobrick B-532)	124.33	26.76
10 28 13 13-0118	EA	5-7/16" Inside Diameter, 5" Deep, Countertop-Mounted, Stainless Steel Waste Chute (Bobrick B-529)	176.77	26.76
10 28 13 13-0119	EA	13 Gallon, Open Top, Stainless Steel Floor Standing Waste Receptacle (Bobrick B-2260)	332.65	11.89
10 28 13 13-0120	EA	13 Gallon, Swing-Top, Stainless Steel Floor-Standing Waste Receptacle (Bobrick B-2250)	502.85	11.89
10 28 13 13-0121	EA	18 Gallon, Open Top, Stainless Steel Floor-Standing Waste Receptacle (Bobrick B-2300)	471.13	11.89
10 28 13 13-0122	EA	21 Gallon, Open Top, Stainless Steel Floor Standing Waste Receptacle (Bobrick B-2280)	453.09	11.89
10 28 13 13-0123		**Combination Paper Towel Dispenser/ Waste Receptacle** *(10 28 13 13-0109)*		
10 28 13 13-0124	EA	2 Gallon, Recessed Mounted, Stainless Steel Combination Folded Paper Towel Dispenser/Waste Receptacle (Bobrick Classic B-369)	333.23	59.46
10 28 13 13-0125	EA	2.6 Gallon, Recessed Mounted, Stainless Steel Combination Folded Paper Towel Dispenser/Waste Receptacle (Bobrick Contura B-4369)	531.97	59.46
10 28 13 13-0126	EA	2 Gallon, Recess Mounted, Stainless Steel Combination Folded Paper Towel Dispenser/Waste Receptacle (Bobrick Classic B-3944)	524.06	59.46
10 28 13 13-0127	EA	12 Gallon, Recessed Mounted, Stainless Steel Combination Folded Paper Towel Dispenser/Waste Receptacle (Bobrick Classic B-3900)	758.85	59.46
10 28 13 13-0128	EA	12 Gallon, Semi-Recess Mounted, Stainless Steel Combination Folded Paper Towel Dispenser/Waste Receptacle (Bobrick Classic B-3909)	1,042.32	59.46
10 28 13 13-0129	EA	12 Gallon, Recessed Mounted, Stainless Steel Combination Roll Towel Dispenser/Waste Receptacle (Bobrick Classic B-3961)	881.97	59.46
10 28 13 13-0130	EA	12 Gallon, Surface Mounted, Stainless Steel Combination Folded Paper Towel Dispenser/Waste Receptacle (Bobrick Classic B-3949)	681.27	59.46
10 28 13 13-0131	EA	12 Gallon, Surface Mounted, Stainless Steel Combination Roll Towel Dispenser/Waste Receptacle (Bobrick Classic B-39619)	1,099.65	59.46
10 28 13 13-0132	EA	16 Gallon, Semi-Recessed Mounted, Stainless Steel Combination Folded Paper Towel Dispenser/Waste Receptacle (Bobrick Contura B-43944)	1,017.97	65.41
10 28 13 13-0133	EA	18 Gallon, Recessed Mounted, Stainless Steel Combination Folded Paper Towel Dispenser/Waste Receptacle (Bobrick Classic B-3947)	686.63	65.41
10 28 13 13-0134		**Sanitary Napkin/Tampon Receptacles** *(10 28 13 13-0109)*		
10 28 13 13-0135	EA	Surface Mounted, Stainless Steel Sanitary Napkin/Tampon Disposal (Bobrick Contura B-270)	98.19	29.73
10 28 13 13-0136	EA	Surface Mounted, Stainless Steel Sanitary Napkin/Tampon Disposal (Bobrick Classic B-254)	191.44	29.73
10 28 13 13-0137	EA	Recessed Mounted, Stainless Steel Sanitary Napkin/Tampon Disposal (Bobrick Classic B-353)	207.88	29.73
10 28 13 13-0138	EA	Recessed Mounted, Stainless Steel Sanitary Napkin/Tampon Disposal (Bobrick Classic B-35303)	479.85	29.73
10 28 13 13-0139	EA	Partition Mounted, Stainless Steel Sanitary Napkin/Tampon Disposal (Bobrick Classic B-354)	256.50	29.73
10 28 13 13-0140	EA	Partition Mounted, Stainless Steel Sanitary Napkin Disposal (Bobrick Contura B-4354)	446.21	29.73
10 28 13 13-0141		**Grab Bars** *(10 28 13 13-0001)*		
10 28 13 13-0142		**1-1/4" Diameter, Stainless Steel Grab Bars** *(10 28 13 13-0141)*		
		Note: Includes satin finish and concealed mounting with snap flange.		
10 28 13 13-0143	EA	12" Length, 1-1/4" Diameter, Stainless Steel Grab Bar (Gamco 125sx12)	96.57	23.78
		For Peened Grip, Add	*4.95*	
10 28 13 13-0144	EA	18" Length, 1-1/4" Diameter, Stainless Steel Grab Bar (Bobrick B-5806x18)	110.62	23.78
		For Peened Grip, Add	*6.21*	

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10 28 13 13-0145	EA	24" Length, 1-1/4" Diameter, Stainless Steel Grab Bar (Bobrick B-5806x24)	112.03	23.78
		For Peened Grip, Add	*6.34*	
10 28 13 13-0146	EA	30" Length, 1-1/4" Diameter, Stainless Steel Grab Bar (Bobrick B-5806x30)	112.69	23.78
		For Peened Grip, Add	*6.40*	
10 28 13 13-0147	EA	36" Length, 1-1/4" Diameter, Stainless Steel Grab Bar (Bobrick B-5806x36)	112.87	23.78
		For Peened Grip, Add	*6.41*	
10 28 13 13-0148	EA	42" Length, 1-1/4" Diameter, Stainless Steel Grab Bar (Bobrick B-5806x42)	116.27	23.78
		For Peened Grip, Add	*6.72*	
10 28 13 13-0149	EA	48" Length, 1-1/4" Diameter, Stainless Steel Grab Bar (Bobrick B-5806x48)	121.63	23.78
		For Peened Grip, Add	*7.20*	
10 28 13 13-0150		**1-1/4" Diameter, Two Wall, Stainless Steel Grab Bars** *(10 28 13 13-0141)*		
		Note: Includes satin finish and concealed mounting with snap flange.		
10 28 13 13-0151	EA	24" x 36", Two Wall, 1-1/4" Diameter, Stainless Steel Grab Bar (Bobrick B-58616)	184.14	23.78
		For Peened Grip, Add	*12.29*	
10 28 13 13-0152	EA	36" x 54", Two Wall, 1-1/4" Diameter, Stainless Steel Grab Bar (Bobrick B-5837)	187.80	23.78
		For Peened Grip, Add	*12.62*	
10 28 13 13-0153		**1-1/2" Diameter, Stainless Steel Grab Bars** *(10 28 13 13-0141)*		
		Note: Includes satin finish and concealed mounting with snap flange.		
10 28 13 13-0154	EA	12" Length, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-6806x12)	109.44	23.78
		For Peened Grip, Add	*6.10*	
10 28 13 13-0155	EA	18" Length, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-6806x18)	110.62	23.78
		For Peened Grip, Add	*6.21*	
10 28 13 13-0156	EA	24" Length, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-6806x24)	112.87	23.78
		For Peened Grip, Add	*6.41*	
10 28 13 13-0157	EA	30" Length, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-6806x30)	115.14	23.78
		For Peened Grip, Add	*6.62*	
10 28 13 13-0158	EA	36" Length, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-6806x36)	117.96	23.78
		For Peened Grip, Add	*6.87*	
10 28 13 13-0159	EA	42" Length, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-6806x42)	120.51	23.78
		For Peened Grip, Add	*7.10*	
10 28 13 13-0160	EA	48" Length, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-6806x48)	126.73	23.78
		For Peened Grip, Add	*7.66*	
10 28 13 13-0161		**1-1/2" Diameter, Two Wall, Stainless Steel Grab Bars** *(10 28 13 13-0141)*		
		Note: Includes satin finish and concealed mounting with snap flange.		
10 28 13 13-0162	EA	16" x 31", Two Wall, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-6861)	168.86	23.78
		For Peened Grip, Add	*10.92*	
10 28 13 13-0163	EA	24" x 36", Two Wall, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-68616)	181.03	23.78
		For Peened Grip, Add	*12.01*	
10 28 13 13-0164	EA	36" x 54", Two Wall, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-68137)	158.12	23.78
		For Peened Grip, Add	*9.95*	
10 28 13 13-0165		**1-1/4" Diameter, Stainless Steel Swing Up Grab Bars** *(10 28 13 13-0141)*		
		Note: Includes satin finish and mounting for swing up.		
10 28 13 13-0166	EA	29" Length, 1-1/4" Diameter, Stainless Steel Swing Up Grab Bar (Bobrick B-4998)	483.79	23.78
		For Peened Grip, Add	*39.80*	
10 28 13 13-0167		**Shelves** *(10 28 13 13-0001)*		
10 28 13 13-0168	EA	5" Width x 16" Length, Stainless Steel Shelf (Bobrick B-295)	126.16	26.76
10 28 13 13-0169	EA	5" Width x 18" Length, Stainless Steel Shelf (Bobrick B-295)	129.56	26.76
10 28 13 13-0170	EA	5" Width x 24" Length, Stainless Steel Shelf (Bobrick B-295)	145.11	26.76
10 28 13 13-0171	EA	5" Width x 36" Length, Stainless Steel Shelf (Gamco S-5x36)	149.02	26.76
10 28 13 13-0172	EA	6" Width x 18" Length, Stainless Steel Shelf (Bobrick B-296)	142.86	26.76
10 28 13 13-0173	EA	6" Width x 24" Length, Stainless Steel Shelf (Gamco S-6x24)	144.70	26.76
10 28 13 13-0174	EA	8" Width x 18" Length, Stainless Steel Shelf (Bobrick B-298)	153.87	26.76
10 28 13 13-0175	EA	8" Width x 24" Length, Stainless Steel Shelf (Bobrick B-298)	167.15	26.76
10 28 13 13-0176	EA	8" Width x 36" Length, Stainless Steel Shelf (Gamco S-8x36)	195.23	26.76
10 28 13 13-0177	EA	5-3/4" Width x 14-1/2" Length, Folding Stainless Steel Utility Shelf (Bobrick B-287)	154.15	26.76
10 28 13 13-0178	EA	4-3/4" Width x 24" Length, Stainless Steel Toiletry Shelf (Bobrick B-683)	156.98	26.76
10 28 13 13-0179	EA	12" Width x 24" Length, Stainless Steel Shelf (Bradley 7512-24)	220.50	26.76
10 28 13 13-0180	EA	12" Width x 30" Length, Stainless Steel Shelf (Bradley 7512-30)	235.09	26.76
10 28 13 13-0181	EA	12" Width x 36" Length, Stainless Steel Shelf (Bradley 7512-36)	257.61	26.76
10 28 13 13-0182	EA	12" Width x 48" Length, Stainless Steel Shelf (Bradley 7512-48)	318.88	26.76
10 28 13 13-0183	EA	12" Width x 60" Length, Stainless Steel Shelf (Bradley 7512-60)	430.49	26.76
10 28 13 13-0184	EA	4-1/4" Width x 16-1/2" Length x 6-1/2" Height, Recessed Stainless Steel Shelf (American Specialties 0412)	189.89	26.76
10 28 13 13-0185		**Changing Stations** *(10 28 13 13-0001)*		
10 28 13 13-0186	EA	Horizontal, Wall-Mounted, Polyethylene Baby Changing Station (Gamco BCS-1)	463.57	35.68
10 28 13 13-0187	EA	Vertical, Wall-Mounted, Polyethylene Baby Changing Station (Bobrick Koala Care KB101-00)	490.87	35.68
10 28 13 13-0188	EA	Horizontal, Wall-Mounted, Polypropylene Baby Changing Station (Bobrick Koala Care KB200-00)	406.34	35.68
10 28 13 13-0189	EA	Horizontal, Recessed Mounted, Stainless Steel Baby Changing Station (Bobrick Koala Care KB110-SSRE)	1,947.90	35.68
10 28 13 13-0190	EA	Horizontal, Wall-Mounted, Stainless Steel Baby Changing Station (Bobrick Koala Care KB110-SSWM)	2,271.57	35.68
10 28 13 13-0191	EA	Vertical, Recessed Mounted, Stainless Steel Baby Changing Station (Bobrick Koala Care KB111-SSRE)	1,947.90	35.68
10 28 13 13-0192	EA	Vertical, Wall-Mounted, Stainless Steel Baby Changing Station (Bobrick Koala Care KB111-SSWM)	2,271.57	35.68

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10 28 13 13-0193		**Folding Shower Seats** *(10 28 13 13-0001)*		
10 28 13 13-0194	EA	33" Width, Wall-Mounted, Reversible, Folding, Stainless Steel Hardware, Solid Phenolic Shower Seat (Bobrick B-5181)	583.52	47.57
10 28 13 13-0195	EA	33" Width, Wall-Mounted, Foam Padded, Naugahyde® Folding Shower Seat (Bobrick B-517/518)	761.63	47.57
10 28 13 13-0196	EA	30" Width, Wall-Mounted, Teakwood Folding Shower Seat	2,524.76	47.57
10 28 13 13-0197	EA	33-1/2" Width, Wall-Mounted, Stainless Steel, Americans With Disabilities Act Compliant Folding Shower Seat, (Acorn Shower-Ware 1103-31/1103-32)	3,751.03	
10 28 13 13-0198		**Soap/Dish Holders** *(10 28 13 13-0001)*		
10 28 13 13-0199	EA	Surface Mounted, Stainless Steel Toothbrush and Tumbler Holder (Gamco 7679)	65.75	26.76
10 28 13 13-0200	EA	Surface Mounted, Stainless Steel Soap Dish (Gamco 7680)	67.72	26.76
10 28 13 13-0201	EA	Recessed Mounted, Stainless Steel Soap Dish (Bobrick B-4380)	117.71	26.76
10 28 13 13-0202	EA	Recessed Mounted, Stainless Steel Soap Dish And Bar (Bobrick B-4390)	127.61	26.76
10 28 13 13-0203		**Shower Curtains/Curtain Rods** *(10 28 13 13-0001)*		
10 28 13 13-0204	EA	Stainless Steel Shower Curtain Hook (Bobrick B-204-1)	3.25	1.19
10 28 13 13-0205	EA	42" Width x 72" Height, Vinyl Shower Curtain (Bobrick B-204-2) Note: Requires 7 curtain hooks.	52.34	11.89
10 28 13 13-0206	EA	70" Width x 72" Height, Vinyl Shower Curtain (Bobrick B-204-3) Note: Requires 12 curtain hooks.	54.75	11.89
10 28 13 13-0207	EA	36" Length, 20 Gauge, 1" Diameter, Stainless Steel Shower Rod With Concealed Mounting (Bobrick B-207)	93.37	26.76
10 28 13 13-0208	EA	48" Length, 20-Gauge, 1" Diameter, Stainless Steel Shower Rod With Concealed Mounting (Bobrick B-207)	99.60	26.76
10 28 13 13-0209	EA	60" Length, 20-Gauge, 1" Diameter, Stainless Steel Shower Rod With Concealed Mounting (Bobrick B-207)	107.23	26.76
10 28 13 13-0210	EA	72" Length, 20-Gauge, 1" Diameter, Stainless Steel Shower Rod With Concealed Mounting (Bobrick B-207)	116.56	26.76
10 28 13 13-0211	EA	36" Length, 20-Gauge, 1" Diameter, Stainless Steel Shower Rod (Bobrick B-6107x36)	82.63	26.76
10 28 13 13-0212	EA	48" Length, 20-Gauge, 1" Diameter, Stainless Steel Shower Rod (Bobrick B-6107x48)	89.98	26.76
10 28 13 13-0213	EA	60" Length, 20-Gauge, 1" Diameter, Stainless Steel Shower Rod (Bobrick B-6107x60)	94.22	26.76
10 28 13 13-0214	EA	72" Length, 20-Gauge, 1" Diameter, Stainless Steel Shower Rod (Bobrick B-6107x72)	99.60	26.76
10 28 13 13-0215	EA	36" Length, 18-Gauge, 1-1/4" Diameter, Stainless Steel Shower Rod (Bobrick B-6047)	85.74	26.76
10 28 13 13-0216	EA	48" Length, 18-Gauge, 1-1/4" Diameter, Stainless Steel Shower Rod (Bobrick B-6047)	91.96	26.76
10 28 13 13-0217	EA	60" Length, 18-Gauge, 1-1/4" Diameter, Stainless Steel Shower Rod (Bobrick B-6047)	99.30	26.76
10 28 13 13-0218	EA	72" Length, 18-Gauge, 1-1/4" Diameter, Stainless Steel Shower Rod (Bobrick B-6047)	104.40	26.76
10 28 13 13-0219		**Hand Dryers** *(10 28 13 13-0001)*		
10 28 13 13-0220	EA	Surface Mounted, Automatic Sensor, One Piece Plastic Cover Hand Dryer (Bobrick CompacDryer B-710)	528.75	29.03
10 28 13 13-0221	EA	Surface Mounted, Automatic Sensor, Cast Aluminum Cover Hand Dryer (Bobrick B-7120-115V)	570.29	29.03
10 28 13 13-0222	EA	Surface Mounted, Automatic Sensor, Cast-Iron Cover Hand Dryer (Bobrick B-7128 230V)	633.06	29.03
10 28 13 13-0223	EA	Recessed Mounted, Automatic Sensor, Cast-Iron Cover Hand Dryer (Bobrick B-750-115/230)	901.01	29.03
10 28 13 13-0224	EA	Surface Mounted, Touch-Button, Cast-Iron Cover Hand Dryer (World Dryer A)	671.79	29.03
10 28 13 13-0225	EA	Surface Mounted, Automatic Sensor, Cast-Iron Cover Hand Dryer (World Dryer A)	747.49	29.03
10 28 13 13-0226	EA	Surface Mounted, Touch-Button, Cast-Iron Cover Hand/Hair Dryer (American Dryer A60)	2,805.39	29.03
10 28 13 13-0227	EA	Surface Mounted, Automatic Sensor, Cast-Iron Cover Hand/Hair Dryer (American Dryer A60T)	2,923.10	29.03
10 28 13 13-0228	EA	Recessed Mounted, Automatic Sensor, Cast-Iron Cover Hand/Hair Dryer (American Dryer A60TR)	3,048.66	29.03
10 28 13 13-0229	EA	Surface Mounted, Automatic Sensor, Cast-Iron Cover Hand Dryer (Excel Xlerator XL-GR)	847.94	29.03
10 28 13 13-0230	EA	Surface Mounted, Automatic Sensor, Acrylonitrile Butadiene Styrene (ABS) Polycarbonate Cover Hand Dryer (Dyson Airblade AB12)	1,741.32	29.03
10 28 13 13-0231	EA	Surface Mounted, Automatic Sensor, Acrylonitrile Butadiene Styrene (ABS) Polycarbonate Cover Hand Dryer (Dyson Airblade AB14)	2,939.98	29.03
10 28 13 13-0232	EA	Surface Mounted, Automatic Sensor, White ABS Cover, CPC Technology, Dries Hands In 10 To 12 Seconds, Hand Dryer (American Dryer CPC9) Note: CPC technology kills germs naturally with no chemicals. Electronically adjustable sound and speed.	1,284.61	29.03
10 28 13 13-0233	EA	Surface Mounted, Automatic Sensor, White Epoxy Finish Steel Cover, CPC Technology, Dries Hands In 10 To 12 Seconds, Hand Dryer (American Dryer CPC9-M) Note: CPC technology kills germs naturally with no chemicals. Electronically adjustable sound and speed.	1,357.12	29.03
10 28 13 13-0234	EA	Surface Mounted, Automatic Sensor, Black Graphite Steel Cover, CPC Technology, Dries Hands In 10 To 12 Seconds, Hand Dryer (American Dryer CPC9-BG) Note: CPC technology kills germs naturally with no chemicals. Electronically adjustable sound and speed.	1,398.56	29.03
10 28 13 13-0235	EA	Surface Mounted, Automatic Sensor, Satin Chrome Finish Steel Cover, CPC Technology, Dries Hands In 10 To 12 Seconds, Hand Dryer (American Dryer CPC9-C) Note: CPC technology kills germs naturally with no chemicals. Electronically adjustable sound and speed.	1,440.00	29.03
10 28 13 13-0236	EA	Surface Mounted, Automatic Sensor, Stainless Steel Cover, CPC Technology, Dries Hands In 10 To 12 Seconds, Hand Dryer (American Dryer CPC9-SS) Note: CPC technology kills germs naturally with no chemicals. Electronically adjustable sound and speed.	1,522.87	29.03
10 28 13 13-0237	EA	Surface Mounted, Automatic Sensor, White ABS Cover, Dries Hands In 10 To 12 Seconds, Hand Dryer (American Dryer GXT9) Note: Electronically adjustable sound and speed.	1,035.99	29.03
10 28 13 13-0238	EA	Surface Mounted, Automatic Sensor, White Epoxy Finish Steel Cover, Dries Hands In 10 To 12 Seconds, Hand Dryer (American Dryer GXT9-M) Note: Electronically adjustable sound and speed.	1,108.51	29.03
10 28 13 13-0239	EA	Surface Mounted, Automatic Sensor, Black Graphite Steel Cover, Dries Hands In 10 To 12 Seconds, Hand Dryer (American Dryer GXT9-BG) Note: Electronically adjustable sound and speed.	1,149.94	29.03
10 28 13 13-0240	EA	Surface Mounted, Automatic Sensor, Satin Chrome Finish Steel Cover, Dries Hands In 10 To 12 Seconds, Hand Dryer (American Dryer GXT9-C) Note: Electronically adjustable sound and speed.	1,191.38	29.03

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 28 13 13-0241	EA	Surface Mounted, Automatic Sensor, Stainless Steel Cover, Dries Hands In 10 To 12 Seconds, Hand Dryer (American Dryer GXT9-SS) Note: Electronically adjustable sound and speed.	1,274.25	29.03
10 28 13 13-0242	EA	Surface Mounted, Automatic Sensor, White ABS Cover, Dries Hands In 12 To 15 Seconds, Hand Dryer (American Dryer EXT7) Note: Electronically adjustable sound and speed.	1,035.99	29.03
10 28 13 13-0243	EA	Surface Mounted, Automatic Sensor, White Epoxy Finish Steel Cover, Dries Hands In 12 To 15 Seconds, Hand Dryer (American Dryer EXT7-M) Note: Electronically adjustable sound and speed.	1,108.51	29.03
10 28 13 13-0244	EA	Surface Mounted, Automatic Sensor, Black Graphite Finish Steel Cover, Dries Hands In 12 To 15 Seconds, Hand Dryer (American Dryer EXT7-BG) Note: Electronically adjustable sound and speed.	1,149.94	29.03
10 28 13 13-0245	EA	Surface Mounted, Automatic Sensor, Satin Chrome Finish Steel Cover, Dries Hands In 12 To 15 Seconds, Hand Dryer (American Dryer EXT7-C) Note: Electronically adjustable sound and speed.	1,191.38	29.03
10 28 13 13-0246	EA	Surface Mounted, Stainless Steel Cover, Dries Hands In 12 To 15 Seconds, Hand Dryer (American Dryer EXT7-SS) Note: Electronically adjustable sound and speed.	1,274.25	29.03
10 28 13 13-0247	EA	Surface Mounted, Automatic Sensor, White ABS Cover, Dries Hands In 25 Seconds, Hand Dryer (American Dryer AD90)	745.94	29.03
10 28 13 13-0248	EA	Surface Mounted, Automatic Sensor, White Epoxy Finish Steel Cover, Dries Hands In 25 Seconds, Hand Dryer (American Dryer AD90-M)	818.46	29.03
10 28 13 13-0249	EA	Surface Mounted, Automatic Sensor, Black Graphite Finish Steel Cover, Dries Hands In 25 Seconds, Hand Dryer (American Dryer AD90-BG)	859.89	29.03
10 28 13 13-0250	EA	Surface Mounted, Automatic Sensor, Satin Chrome Finish Steel Cover, Dries Hands In 25 Seconds, Hand Dryer (American Dryer AD90-C)	901.33	29.03
10 28 13 13-0251	EA	Surface Mounted, Stainless Steel Cover, Dries Hands In 25 Seconds, Hand Dryer (American Dryer AD90-SS)	984.20	29.03
10 28 13 13-0252	EA	Surface Mounted, Automatic Sensor, White ABS Cover, Stays On For 80 Seconds, Hair Dryer (American Dryer AD90H)	745.94	29.03
10 28 13 13-0253	EA	Surface Mounted, Automatic Sensor, White Epoxy Finish Steel Cover, Stays On For 80 Seconds, Hair Dryer (American Dryer AD90-MH)	818.46	29.03
10 28 13 13-0254	EA	Surface Mounted, Automatic Sensor, Black Graphite Finish Steel Cover, Stays On For 80 Seconds, Hair Dryer (American Dryer AD90-BGH)	859.89	29.03
10 28 13 13-0255	EA	Surface Mounted, Automatic Sensor, Satin Chrome Finish Steel Cover, Stays On For 80 Seconds, Hair Dryer (American Dryer AD90-CH)	901.33	29.03
10 28 13 13-0256	EA	Surface Mounted, Automatic Sensor, Stainless Steel Cover, Stays On For 80 Seconds, Hair Dryer (American Dryer AD90-SSH)	984.20	29.03
10 28 13 13-0257	EA	Surface Mounted, Automatic Sensor, ABS Cover, Hand Dryer (American Dryer GX1)	538.76	29.03
10 28 13 13-0258	EA	Surface Mounted, Automatic Sensor, White Epoxy Finish Steel Cover, Hand Dryer (American Dryer GX1-M)	611.28	29.03
10 28 13 13-0259	EA	Surface Mounted, Automatic Sensor, Satin Chrome Finish Steel Cover, Hand Dryer (American Dryer GX1-C)	694.15	29.03

10 28 13 13-0260 Hand Dryers (Excel XLERATOR®) *(10 28 13 13-0001)*

Note: With or without noise reduction nozzle options.

10 28 13 13-0261	EA	Surface Mounted, Automatic Sensor, White Epoxy Painted Finish, Zinc-Die Cast Cover, Hand Dryer (Excel XLERATOR® XL-W)	1,064.94	29.03
		For ADA-Compliant Recess Kit, Add	*169.54*	
10 28 13 13-0262	EA	Surface Mounted, Automatic Sensor, White Epoxy Painted Finish, Zinc-Die Cast Cover, Hand Dryer With High Efficiency Particulate Air (HEPA) Filtration System (Excel XLERATOR® XL-WH)	1,504.50	29.03
		For ADA-Compliant Recess Kit, Add	*169.54*	
10 28 13 13-0263	EA	Surface Mounted, Automatic Sensor, Graphite Textured Painted Finish, Zinc-Die Cast Cover, Hand Dryer (Excel XLERATOR® XL-GR)	1,251.59	29.03
		For ADA-Compliant Recess Kit, Add	*169.54*	
10 28 13 13-0264	EA	Surface Mounted, Automatic Sensor, Graphite Textured Painted Finish, Zinc-Die Cast Cover Hand Dryer With High Efficiency Particulate Air (HEPA) Filtration System (Excel Xlerator XL-GRH)	1,567.72	29.03
		For ADA-Compliant Recess Kit, Add	*169.54*	
10 28 13 13-0265	EA	Surface Mounted, Automatic Sensor, Chrome Plated Finish, Zinc-Die Cast Cover, Hand Dryer (Excel XLERATOR® XL-C)	1,346.43	29.03
		For ADA-Compliant Recess Kit, Add	*169.54*	
10 28 13 13-0266	EA	Surface Mounted, Automatic Sensor, Chrome Plated Finish, Zinc-Die Cast Cover, Hand Dryer With High Efficiency Particulate Air (HEPA) Filtration System (Excel XLERATOR® XL-CH)	1,662.56	29.03
		For ADA-Compliant Recess Kit, Add	*169.54*	
10 28 13 13-0267	EA	Surface Mounted, Automatic Sensor, Brushed Finish, Stainless Steel Cover, Hand Dryer (Excel XLERATOR® XL-SB)	1,346.43	29.03
		For ADA-Compliant Recess Kit, Add	*169.54*	
10 28 13 13-0268	EA	Surface Mounted, Automatic Sensor, Brushed Finish, Stainless Steel Cover, Hand Dryer With High Efficiency Particulate Air (HEPA) Filtration System (Excel XLERATOR® XL-SBH)	1,662.56	29.03
		For ADA-Compliant Recess Kit, Add	*169.54*	
10 28 13 13-0269	EA	Surface Mounted, Automatic Sensor, Custom Color Painted Finish, Zinc-Die Cast Cover, Hand Dryer (Excel XLERATOR® XL-SP)	1,251.59	29.03
		For ADA-Compliant Recess Kit, Add	*169.54*	
10 28 13 13-0270	EA	Surface Mounted, Automatic Sensor, Custom Color Painted Finish, Zinc-Die Cast Cover, Hand Dryer With High Efficiency Particulate Air (HEPA) Filtration System (Excel XLERATOR® XL-SPH)	1,567.72	29.03
		For ADA-Compliant Recess Kit, Add	*169.54*	
10 28 13 13-0271	EA	Surface Mounted, Automatic Sensor, White Finish, Polymer Cover (BMC), Hand Dryer (Excel XLERATOR® XL-BW)	1,125.14	29.03
		For ADA-Compliant Recess Kit, Add	*169.54*	
10 28 13 13-0272	EA	Surface Mounted, Automatic Sensor, White Finish, Polymer Cover (BMC), Hand Dryer With High Efficiency Particulate Air (HEPA)Filtration System (Excel XLERATOR® XL-BWH)	1,441.27	29.03
		For ADA-Compliant Recess Kit, Add	*169.54*	
10 28 13 13-0273	EA	Surface Mounted, Automatic Sensor, White Epoxy Painted Finish, Zinc-Die Cast Cover, No Heat Hand Dryer (Excel XLERATOReco® XL-W-ECO)	1,064.94	29.03
		For ADA-Compliant Recess Kit, Add	*169.54*	

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10 28 13 13-0274	EA	Surface Mounted, Automatic Sensor, White Epoxy Painted Finish, Zinc-Die Cast Cover, No Heat Hand Dryer With High Efficiency Particulate Air (HEPA) Filtration System (Excel XLERATOReco® XL-WH-ECO)	1,504.50	29.03
		For ADA-Compliant Recess Kit, Add	*169.54*	
10 28 13 13-0275	EA	Surface Mounted, Automatic Sensor, Graphite Textured Painted Finish, Zinc-Die Cast Cover, No Heat Hand Dryer (Excel XLERATOReco® XL-GR-ECO)	1,251.59	29.03
		For ADA-Compliant Recess Kit, Add	*169.54*	
10 28 13 13-0276	EA	Surface Mounted, Automatic Sensor, Graphite Textured Painted Finish, Zinc-Die Cast Cover, No Heat Hand Dryer With High Efficiency Particulate Air (HEPA) Filtration System (Excel XLERATOReco® XL-GRH-ECO)	1,567.72	29.03
		For ADA-Compliant Recess Kit, Add	*169.54*	
10 28 13 13-0277	EA	Surface Mounted, Automatic Sensor, Chrome Plated Finish, Zinc-Die Cast Cover, No Heat Hand Dryer (Excel XLERATOReco® XL-C-ECO)	1,346.43	29.03
		For ADA-Compliant Recess Kit, Add	*169.54*	
10 28 13 13-0278	EA	Surface Mounted, Automatic Sensor, Chrome Plated Finish, Zinc-Die Cast Cover, No Heat Hand Dryer With High Efficiency Particulate Air (HEPA) Filtration System (Excel XLERATOReco® XL-CH-ECO)	1,662.56	29.03
		For ADA-Compliant Recess Kit, Add	*169.54*	
10 28 13 13-0279	EA	Surface Mounted, Automatic Sensor, Brushed Finish, Stainless Steel Cover, No Heat Hand Dryer (Excel XLERATOReco® XL-SB-ECO)	1,346.43	29.03
		For ADA-Compliant Recess Kit, Add	*169.54*	
10 28 13 13-0280	EA	Surface Mounted, Automatic Sensor, Brushed Finish, Stainless Steel Cover, No Heat Hand Dryer With High Efficiency Particulate Air (HEPA) Filtration System (Excel XLERATOReco® XL-SBH-ECO)	1,662.56	29.03
		For ADA-Compliant Recess Kit, Add	*169.54*	
10 28 13 13-0281	EA	Surface Mounted, Automatic Sensor, Custom Color Painted Finish, Zinc-Die Cast Cover, No Heat Hand Dryer (Excel XLERATOReco® XL-SP-ECO)	1,251.59	29.03
		For ADA-Compliant Recess Kit, Add	*169.54*	
10 28 13 13-0282	EA	Surface Mounted, Automatic Sensor, Custom Color Painted Finish, Zinc-Die Cast Cover, No Heat Hand Dryer With High Efficiency Particulate Air (HEPA) Filtration System (Excel XLERATOReco® XL-SPH-ECO)	1,567.72	29.03
		For ADA-Compliant Recess Kit, Add	*169.54*	
10 28 13 13-0283	EA	Surface Mounted, Automatic Sensor, White Finish, Polymer Cover (BMC), No Heat Hand Dryer (Excel XLERATOReco® XL-BW-ECO)	1,125.14	29.03
		For ADA-Compliant Recess Kit, Add	*169.54*	
10 28 13 13-0284	EA	Surface Mounted, Automatic Sensor, White Finish, Polymer Cover (BMC), No Heat Hand Dryer With High Efficiency Particulate Air (HEPA) Filtration System (Excel XLERATOReco® XL-BWH-ECO)	1,441.27	29.03
		For ADA-Compliant Recess Kit, Add	*169.54*	
10 28 13 13-0285		Additional Accessories *(10 28 13 13-0001)*		
10 28 13 13-0286		Hooks *(10 28 13 13-0285)*		
10 28 13 13-0287	EA	Stainless Steel Clothes Hook And Bumper (Bobrick B-212)	33.11	11.89
10 28 13 13-0288	EA	Single Stainless Steel Robe Hook (Bobrick B-233)	39.33	11.89
10 28 13 13-0289	EA	Single Stainless Steel Robe Hook (Bobrick B-7671)	33.67	11.89
10 28 13 13-0290	EA	Double Stainless Steel Robe Hook (Bobrick B-7672)	36.45	11.89
10 28 13 13-0291	EA	Double Stainless Steel Robe Hook (Bobrick B-672 or B-6727)	59.68	11.89
10 28 13 13-0292	EA	Single Stainless Steel Robe Hook (Bobrick B-6717)	54.02	11.89
10 28 13 13-0293		Clotheslines *(10 28 13 13-0285)*		
10 28 13 13-0294	EA	Surface Mounted, Stainless Steel Retractable Clothesline (Gamco 7636)	57.88	23.78
10 28 13 13-0295		Towel Bars *(10 28 13 13-0285)*		
10 28 13 13-0296	EA	18" Length, 3/4" Square, Stainless Steel Towel Bar (Gamco 7673x18)	71.45	26.76
10 28 13 13-0297	EA	24" Length, 3/4" Square, Stainless Steel Towel Bar (Gamco 7673x24)	71.67	26.76
10 28 13 13-0298	EA	18" Length, 3/4" Diameter, Stainless Steel Towel Bar (Gamco 7674x18)	79.96	26.76
10 28 13 13-0299	EA	24" Length, 3/4" Diameter, Stainless Steel Towel Bar (Gamco 7674x24)	80.75	26.76
10 28 13 13-0300	EA	18" Length, 3/4" Square, Stainless Steel Towel Bar (Bobrick B-673)	117.12	26.76
10 28 13 13-0301	EA	24" Length, 3/4" Square, Stainless Steel Towel Bar (Bobrick B-673)	121.92	26.76
10 28 13 13-0302	EA	18" Length, 3/4" Diameter, Stainless Steel Towel Bar (Bobrick B-674)	120.80	26.76
10 28 13 13-0303	EA	24" Length, 3/4" Diameter, Stainless Steel Towel Bar (Bobrick B-674)	124.75	26.76
10 28 13 13-0304	EA	18" Length, 1" Diameter, Heavy-Duty, Stainless Steel Towel Bar (Bobrick B-205)	131.83	26.76
10 28 13 13-0305	EA	24" Length, 1" Diameter, Heavy-Duty, Stainless Steel Towel Bar (Bobrick B-205)	136.03	26.76
10 28 13 13-0306	EA	18" Length, 1" Diameter, Extra-Heavy-Duty, Stainless Steel Towel Bar/Grab Bar (Bobrick B-530)	101.01	26.76
10 28 13 13-0307	EA	24" Length, 1" Diameter, Extra-Heavy-Duty, Stainless Steel Towel Bar/Grab Bar (Bobrick B-530)	104.68	26.76
10 28 13 13-0308		Towel Bar With Shelf *(10 28 13 13-0285)*		
10 28 13 13-0309	EA	24" Length, Stainless Steel Towel Shelf With Towel Bar (Bobrick B-676)	224.55	26.76
10 28 13 13-0310		Towel Pins *(10 28 13 13-0285)*		
10 28 13 13-0311	EA	Stainless Steel Towel Pin (Bobrick B-677)	57.71	11.89
10 28 13 13-0312		Mirrors *(10 28 13 13)*		
10 28 13 13-0313		Stainless Steel Channel Frame Glass Mirrors *(10 28 13 13-0312)*		
10 28 13 13-0314	EA	16" x 24", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Gamco C-16x24)	127.44	29.73
10 28 13 13-0315	EA	18" x 24", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Bobrick B-165 1824)	145.29	29.73
10 28 13 13-0316	EA	18" x 30", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Bobrick B-165 1830)	151.47	29.73
		For Tempered Glass (B-1658), Add	*51.91*	
10 28 13 13-0317	EA	18" x 36", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Bobrick B-165 1836)	164.14	29.73
		For Tempered Glass (B-1658), Add	*60.78*	

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10 28 13 13-0318	EA	24" x 30", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Bobrick B-165 2430)	180.40	29.73
10 28 13 13-0319	EA	24" x 36", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Bobrick B-165 2436)	187.24	29.73
		For Tempered Glass (B-1658), Add	*76.95*	
10 28 13 13-0320	EA	24" x 48", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Bobrick B-165 2448)	232.11	29.73
10 28 13 13-0321	EA	24" x 60", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Bobrick B-165 2460)	268.87	29.73
10 28 13 13-0322	EA	36" x 36", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Gamco C-36x36)	325.04	29.73
10 28 13 13-0323	EA	48" x 36", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Bobrick B-165 4836)	410.34	29.73
10 28 13 13-0324	EA	60" x 36", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Gamco C-60x36)	462.17	29.73
10 28 13 13-0325		**Stainless Steel Channel Frame Glass Mirror/Shelf Combination** *(10 28 13 13-0312)*		
10 28 13 13-0326	EA	18" x 24", Surface Mounted, Stainless Steel Channel Frame Glass Mirror/Shelf Combination (Bobrick B-166 1824)	240.57	29.73
10 28 13 13-0327	EA	18" x 30", Surface Mounted, Stainless Steel Channel Frame Glass Mirror/Shelf Combination (Bobrick B-166 1830)	259.76	29.73
10 28 13 13-0328	EA	18" x 36", Surface Mounted, Stainless Steel Channel Frame Glass Mirror/Shelf Combination (Bobrick B-166 1836)	272.45	29.73
10 28 13 13-0329	EA	24" x 36", Surface Mounted, Stainless Steel Channel Frame Glass Mirror/Shelf Combination (Bobrick B-166 2436)	308.22	29.73
10 28 13 13-0330		**Stainless Steel Angle Frame Glass Mirrors** *(10 28 13 13-0312)*		
10 28 13 13-0331	EA	18" x 24", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Bobrick B-290 1824)	213.54	29.73
10 28 13 13-0332	EA	18" x 30", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Bobrick B-290 1830)	234.72	29.73
		For Tempered Glass (B-2908), Add	*103.89*	
10 28 13 13-0333	EA	18" x 36", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Bobrick B-290 1836)	241.87	29.73
		For Tempered Glass (B-2908), Add	*108.61*	
10 28 13 13-0334	EA	24" x 30", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Bobrick B-290 2430)	284.15	29.73
10 28 13 13-0335	EA	24" x 36", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Bobrick B-290 2436)	285.78	29.73
		For Tempered Glass (B-2908), Add	*137.59*	
10 28 13 13-0336	EA	24" x 48", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Bobrick B-290 2448)	383.67	29.73
10 28 13 13-0337	EA	24" x 60", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Bobrick B-290 2460)	451.96	29.73
10 28 13 13-0338	EA	24" x 72", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Bobrick B-290 2472)	515.72	29.73
10 28 13 13-0339	EA	36" x 36", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Gamco A-36x36)	342.11	29.73
10 28 13 13-0340	EA	48" x 36", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Gamco A-48x36)	418.11	29.73
10 28 13 13-0341	EA	72" x 36", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Gamco A-72x36)	642.91	29.73
10 28 13 13-0342		**Stainless Steel Angle Frame Glass Mirror/Shelf Combination** *(10 28 13 13-0312)*		
10 28 13 13-0343	EA	18" x 24", Surface Mounted, Stainless Steel Angle Frame Glass Mirror/Shelf Combination (Gamco AS-18x24)	220.95	29.73
10 28 13 13-0344	EA	18" x 30", Surface Mounted, Stainless Steel Angle Frame Glass Mirror/Shelf Combination (Bobrick B-292-1830)	440.58	29.73
10 28 13 13-0345	EA	18" x 36", Surface Mounted, Stainless Steel Angle Frame Glass Mirror/Shelf Combination (Bobrick B-292-1836)	462.06	29.73
10 28 13 13-0346	EA	24" x 36", Surface Mounted, Stainless Steel Angle Frame Glass Mirror/Shelf Combination (Bobrick B-292-2436)	515.72	29.73
10 28 13 13-0347		**Frameless Stainless Steel Mirrors** *(10 28 13 13-0312)*		
10 28 13 13-0348	EA	17-1/2" x 29-1/2", Frameless Stainless Steel Mirror (Bobrick B-1556 1830)	239.92	29.73
10 28 13 13-0349	EA	23-1/2" x 35-1/2", Frameless Stainless Steel Mirror (Bobrick B-1556 2436)	311.78	29.73
10 28 13 13-0350		**Fixed-Position Tilt, Stainless Steel Frame Glass Mirrors** *(10 28 13 13-0312)*		
10 28 13 13-0351	EA	16" x 30", Surface Mounted, Fixed-Position Tilt, Stainless Steel Frame Glass Mirror (Bobrick B-293 1630)	328.06	29.73
10 28 13 13-0352	EA	18" x 30", Surface Mounted, Fixed-Position Tilt, Stainless Steel Frame Glass Mirror (Bobrick B-293 1830)	342.05	29.73
10 28 13 13-0353	EA	18" x 36", Surface Mounted, Fixed-Position Tilt, Stainless Steel Frame Glass Mirror (Bobrick B-293 1836)	415.22	29.73
10 28 13 13-0354	EA	24" x 36", Surface Mounted, Fixed-Position Tilt, Stainless Steel Frame Glass Mirror (Bobrick B-293 2436)	511.81	29.73
10 28 13 13-0355		**Medicine Cabinets** *(10 28 13 13)*		
10 28 13 13-0356		**Metal Medicine Cabinets** *(10 28 13 13-0355)*		
10 28 13 13-0357	EA	20" x 26", Surface Mounted, Aluminum Medicine Cabinet (Kohler K-CB)	990.56	59.46
10 28 13 13-0358	EA	15-1/2" x 25-7/8", Recessed Mounted, All-Steel Medicine Cabinet (Bobrick B-397) Note: Includes three adjustable plastic shelves.	261.85	59.46
10 28 13 13-0359	EA	14-1/8" x 20-1/4", Surface Mounted, All-Steel Medicine Cabinet (Bobrick B-297) Note: Includes two fixed shelves with baked white enamel finish.	269.90	59.46
10 28 13 13-0360	EA	15-1/4" x 25-1/2", Recessed Mounted, Stainless Steel Medicine Cabinet (Bobrick B-398) Note: Includes four adjustable stainless steel shelves.	576.64	59.46
10 28 13 13-0361	EA	17" x 26-7/8", Surface Mounted, Stainless Steel Medicine Cabinet (Bobrick B-299) Note: Includes four adjustable shelves.	787.26	59.46
10 28 13 13-0362		**Janitorial Material** *(10 28 13 13)*		
10 28 13 13-0363	EA	Stainless Steel Pail And Ladder Utility Hook (Bobrick B-670)	54.02	11.89
10 28 13 13-0364	EA	24" Length, Stainless Steel Utility Hook Strip (Bobrick B-232x24)	140.02	26.76
10 28 13 13-0365	EA	24" Length, 3 Handle Capacity, Stainless Steel Mop And Broom Holder (Bobrick B-223x24)	134.94	26.76
10 28 13 13-0366	EA	30" Length, 3 Handle Capacity, Stainless Steel Mop And Broom Holder (Gamco MS-1)	152.84	26.76
10 28 13 13-0367	EA	36" Length, 3 Handle Capacity, Stainless Steel Mop And Broom Holder (Bobrick B-223x36)	170.55	26.76
10 28 13 13-0368	EA	36" Length, Utility Hook Strip (Gamco HCS-2)	115.06	26.76
10 28 13 13-0369	EA	36" Length, Stainless Steel Custodian Utility Shelf With Mop And Broom Holders And Rag Hooks (Bobrick B-224x36)	313.60	26.76

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 28 13 13-0370	EA	34" Length, 3 Handle Capacity, Stainless Steel Mop And Broom Holder With Shelf And Rag Hooks (Bobrick B-239x34)	450.16	26.76
10 28 13 13-0371		Removal And Reinstallation Of Bathroom Accessories *(10 28 13 13)*		
10 28 13 13-0372	EA	Removal And Reinstallation Of Bathroom Accessory	37.17	
10 28 16		**Bath Accessories** *(10 28)*		
10 28 16 13		**Residential Bath Accessories** *(10 28 16)*		
10 28 16 13-0001		Residential Toilet Accessories *(10 28 16 13)*		
10 28 16 13-0002		Residential Shower Curtain Rod *(10 28 16 13-0001)* Note: Includes end brackets. See CSI section 10 28 13 13-0203 for shower curtain rods.		
10 28 16 13-0003		Residential Toilet Accessories *(10 28 16 13-0001)*		
10 28 16 13-0004	EA	Surface Mounted Plastic Paper Towel Dispenser	125.72	26.76
10 28 16 13-0005	EA	Surface Mounted Plastic Napkin Disposal	109.78	26.76
10 28 16 13-0006	EA	50 Fluid Ounce, Plastic Soap Dispenser For Soaps And Detergent	115.41	
10 28 16 13-0007	EA	50 Fluid Ounce, Plastic Soap Dispenser For Antibacterial Soaps	132.29	26.76
10 28 16 13-0008	EA	Multi Roll (2) Plastic Toilet Tissue Dispenser	125.77	26.76
10 28 16 13-0009	EA	Single Jumbo Roll Plastic Toilet Tissue Dispenser	154.14	32.71
10 28 16 13-0010	EA	Surface Mounted Plastic Toilet Seat Cover Dispenser	83.25	23.78
10 28 16 13-0011	EA	13 Gallon Plastic Waste Door For Countertops	304.89	44.60
10 28 19		**Tub and Shower Enclosures** *(10 28)*		
10 28 19 16		**Shower Doors** *(10 28 19)*		
10 28 19 16-0001		Swinging Shower Doors *(10 28 19 16)*		
10 28 19 16-0002		Framed, Swinging Shower Doors *(10 28 19 16-0001)*		
10 28 19 16-0003	EA	24-1/4" To 26" Opening, Silver Finish Frame, Tempered Safety Glass, Swinging Shower Door (American Standard AM00801)	557.84	57.53
10 28 19 16-0004	EA	27-1/4" To 29" Opening, Silver Finish Frame, Tempered Safety Glass, Swinging Shower Door (American Standard AM00802)	586.84	28.77
10 28 19 16-0005	EA	29-5/8" To 31-3/8" Opening, Silver Finish Frame, Tempered Safety Glass, Swinging Shower Door (American Standard AM00803)	707.16	28.77
10 28 19 16-0006	EA	33-1/8" To 34-7/8" Opening, Silver Finish Frame, Tempered Safety Glass, Swinging Shower Door (American Standard AM00804)	583.75	28.77
10 28 19 16-0007	EA	35-1/8" To 36-7/8" Opening, Silver Finish Frame, Tempered Safety Glass, Swinging Shower Door (American Standard AM00805)	624.84	28.77
10 28 19 16-0008		Sliding Shower Doors *(10 28 19 16)*		
10 28 19 16-0009		Framed, Sliding Shower Doors *(10 28 19 16-0008)*		
10 28 19 16-0010	EA	40" To 42" Opening, Silver Finish Frame, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00735)	944.06	28.77
10 28 19 16-0011	EA	44" To 46" Opening, Silver Finish Frame, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00745)	862.67	28.77
10 28 19 16-0012	EA	46" To 48" Opening, Silver Finish Frame, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00775)	884.59	28.77
10 28 19 16-0013	EA	52" To 54" Opening, Silver Finish Frame, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00729)	907.90	28.77
10 28 19 16-0014	EA	54" To 56" Opening, Silver Finish Frame, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00794)	920.91	28.77
10 28 19 16-0015	EA	56" To 60" Opening, Silver Finish Frame, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00795)	940.16	28.77
10 28 19 19		**Tub Doors** *(10 28 19)*		
10 28 19 19-0001		Sliding Bathtub Doors *(10 28 19 19)*		
10 28 19 19-0002		Framed, Sliding Bathtub Doors *(10 28 19 19-0001)*		
10 28 19 19-0003	EA	52" To 54" Opening, Silver Finish Frame, Tempered Safety Glass, By-Pass Sliding Bathtub Door (American Standard AM00725)	838.20	28.77
10 28 19 19-0004	EA	54" To 56" Opening, Silver Finish Frame, Tempered Safety Glass, By-Pass Sliding Bathtub Door (American Standard AM00749)	847.58	28.77
10 28 19 19-0005	EA	56" To 60" Opening, Silver Finish Frame, Tempered Safety Glass, By-Pass Sliding Bathtub Door (American Standard AM00750)	868.79	28.77

10 40 Safety Specialties *(10)*

10 41 Emergency Access And Information Cabinets *(10 40)*

10 41 13 Fire Department Plan Cabinets *(10 41)*

10 41 13 00-0001 Fire Department Plan Cabinets (Knox) *(10 41 13)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 41 13 00-0002	EA	18" High x 14-1/2" Wide x 5" Deep, Light Gray Finish, Surface Mount, Fire Department Emergency Storage Cabinet (Knox 1300)	1,708.48	38.65
		For Tamper Switch Connected To Existing Alarm System, Add	*40.00*	
		For Dual Locks, Add	*60.00*	
		For Back Key Hook Panel, Add	*59.43*	
		For Swing Key Hook Panel, Add	*158.43*	
		For Non-Locking Weather Housing, Add	*398.30*	
10 41 13 00-0003	EA	18" High x 14-1/2" Wide x 7" Deep, Light Gray Finish, Surface Mount, Fire Department Emergency Storage Cabinet (Knox 1300)	1,811.78	38.65
		For Tamper Switch Connected To Existing Alarm System, Add	*40.00*	
		For Dual Locks, Add	*60.00*	
		For Back Key Hook Panel, Add	*59.43*	
		For Swing Key Hook Panel, Add	*158.43*	
		For Second Swing Key Hook Panel, Add	*125.43*	
		For Non-Locking Weather Housing, Add	*398.30*	

10 41 16 Emergency Key Cabinets *(10 41)*

10 41 16 00-0001 Emergency Key Cabinets (Knox) *(10 41 16)*

10 41 16 00-0002	EA	Elevator/Lobby, Deep Red Finish, Surface Mount, Fire Department Emergency Key Storage Box (Knox 1403)	851.06	38.65
		For Tamper Switch Connected To Existing Alarm System, Add	*40.00*	
10 41 16 00-0003	EA	5" High x 4" Wide x 3-3/4" Deep, Black Finish, Surface Mount, Fire Department Emergency Storage Box (Knox-Box 3200)	747.76	38.65
		For Lift-Off Door, Deduct	*-40.00*	
		For Aluminum Or Dark Bronze Finish, Add	*10.00*	
		For Tamper Switch Connected To Existing Alarm System, Add	*40.00*	
		For Recess Mount, Add	*62.17*	
		For Cast-In-Place Concrete Recess Mounting, Add	*119.00*	
10 41 16 00-0004	EA	6" High x 6" Wide x 4-1/2" Deep, Black Finish, Surface Mount, Fire Department Emergency Storage Box (Knox-Vault 4100)	1,000.85	38.65
		For Aluminum Or Dark Bronze Finish, Add	*10.00*	
		For Tamper Switch Connected To Existing Alarm System, Add	*40.00*	
		For Recess Mount, Add	*62.17*	
		For Dual Locks, Add	*60.00*	
		For Cast-In-Place Concrete Recess Mounting, Add	*130.00*	
10 41 16 00-0005	EA	7" High x 7" Wide x 5" Deep, Black Finish, Surface Mount, Fire Department Emergency Storage Box (Knox-Vault 4400)	1,065.42	38.65
		For Aluminum Or Dark Bronze Finish, Add	*10.00*	
		For Tamper Switch Connected To Existing Alarm System, Add	*40.00*	
		For Recess Mount, Add	*62.17*	
		For Dual Locks, Add	*60.00*	
		For Cast-In-Place Concrete Recess Mounting, Add	*135.00*	

10 44 Fire Protection Specialties *(10 40)*

10 44 13 Fire Protection Cabinets *(10 44)*

10 44 13 00-0001 Fire Extinguisher Cabinets *(10 44 13)*

10 44 13 00-0002 Recessed Fire Extinguisher Cabinets *(10 44 13 00-0001)*

10 44 13 00-0003 Steel Door And Trim, Recessed Fire Extinguisher Cabinets *(10 44 13 00-0002)*

Note: Includes powder-coat finish, full view glass or solid metal door, zinc plated handle and steel tub.

10 44 13 00-0004	EA	9" x 18" x 5-1/2" Inside Dimensions, Recessed Steel Fire Extinguisher Cabinet	413.49	48.77
10 44 13 00-0005	EA	10-1/2" x 24" x 5-1/2" Inside Dimensions, Recessed Steel Fire Extinguisher Cabinet	421.42	48.77
10 44 13 00-0006	EA	10-1/2" x 24" x 6" Inside Dimensions, Recessed Steel Fire Extinguisher Cabinet	423.00	48.77
10 44 13 00-0007	EA	12" x 27" x 7-3/4" Inside Dimensions, Recessed Steel Fire Extinguisher Cabinet	472.16	48.77
10 44 13 00-0008	EA	16" x 32" x 7-3/4" Inside Dimensions, Recessed Steel Fire Extinguisher Cabinet	600.61	48.77
10 44 13 00-0009	EA	20" x 27" x 7-3/4" Inside Dimensions, Recessed Steel Fire Extinguisher Cabinet	618.06	48.77

10 44 13 00-0010 Aluminum Door And Trim, Recessed Fire Extinguisher Cabinets *(10 44 13 00-0002)*

Note: Includes clear anodized finish, full view glass or solid metal door, zinc plated handle and steel tub.

10 44 13 00-0011	EA	9" x 18" x 5-1/2" Inside Dimensions, Recessed Aluminum Fire Extinguisher Cabinet	392.17	48.77
10 44 13 00-0012	EA	10-1/2" x 24" x 5-1/2" Inside Dimensions, Recessed Aluminum Fire Extinguisher Cabinet	398.29	48.77
10 44 13 00-0013	EA	10-1/2" x 24" x 6" Inside Dimensions, Recessed Aluminum Fire Extinguisher Cabinet	408.49	48.77
10 44 13 00-0014	EA	12" x 27" x 7-3/4" Inside Dimensions, Recessed Aluminum Fire Extinguisher Cabinet	425.83	48.77
10 44 13 00-0015	EA	16" x 32" x 7-3/4" Inside Dimensions, Recessed Aluminum Fire Extinguisher Cabinet	479.44	48.77
10 44 13 00-0016	EA	20" x 27" x 7-3/4" Inside Dimensions, Recessed Aluminum Fire Extinguisher Cabinet	495.76	48.77

10 44 13 00-0017 Stainless Steel Door And Trim, Recessed Fire Extinguisher Cabinets *(10 44 13 00-0002)*

Note: Includes stainless steel finish, full view glass or solid metal door, zinc plated handle and steel tub.

10 44 13 00-0018	EA	9" x 18" x 5-1/2" Inside Dimensions, Recessed Stainless Steel Fire Extinguisher Cabinet	547.73	48.77
10 44 13 00-0019	EA	10-1/2" x 24" x 5-1/2" Inside Dimensions, Recessed Stainless Steel Fire Extinguisher Cabinet	561.50	48.77
10 44 13 00-0020	EA	10-1/2" x 24" x 6" Inside Dimensions, Recessed Stainless Steel Fire Extinguisher Cabinet	568.39	48.77
10 44 13 00-0021	EA	12" x 27" x 7-3/4" Inside Dimensions, Recessed Stainless Steel Fire Extinguisher Cabinet	615.44	48.77
10 44 13 00-0022	EA	16" x 32" x 7-3/4" Inside Dimensions, Recessed Stainless Steel Fire Extinguisher Cabinet	710.22	48.77
10 44 13 00-0023	EA	20" x 27" x 7-3/4" Inside Dimensions, Recessed Stainless Steel Fire Extinguisher Cabinet	738.91	48.77

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 44 13 00-0024		**Bronze Door And Trim, Recessed Fire Extinguisher Cabinets** *(10 44 13 00-0002)*		
		Note: Includes satin bronze finish, full view glass or solid metal door, zinc plated handle and steel tub.		
10 44 13 00-0025	EA	10-1/2" x 24" x 5-1/2" Inside Dimensions, Recessed Bronze Fire Extinguisher Cabinet	1,596.24	48.77
10 44 13 00-0026	EA	10-1/2" x 24" x 6" Inside Dimensions, Recessed Bronze Fire Extinguisher Cabinet	1,608.14	48.77
10 44 13 00-0027	EA	12" x 27" x 7-3/4" Inside Dimensions, Recessed Bronze Fire Extinguisher Cabinet	1,850.80	48.77
10 44 13 00-0028		**Acrylic Bubble Door And Steel Trim, Recessed Fire Extinguisher Cabinets** *(10 44 13 00-0002)*		
		Note: Includes 180 degree visibility acrylic bubble door, zinc plated handle and steel tub.		
10 44 13 00-0029	EA	10-1/2" x 24" x 4" Inside Dimensions, Recessed Steel Fire Extinguisher Cabinet With Acrylic Bubble Door	516.57	48.77
10 44 13 00-0030	EA	14" x 30" x 4" Inside Dimensions, Recessed Steel Fire Extinguisher Cabinet With Acrylic Bubble Door	576.83	48.77
10 44 13 00-0031		**Semi Recessed Fire Extinguisher Cabinets** *(10 44 13 00-0001)*		
10 44 13 00-0032		**Steel Door And Trim, Semi Recessed Fire Extinguisher Cabinets** *(10 44 13 00-0031)*		
		Note: Includes powder-coat finish, full view glass or solid metal door, zinc plated handle and steel tub.		
10 44 13 00-0033	EA	9" x 18" x 5-1/2" Inside Dimensions, Semi Recessed Steel Fire Extinguisher Cabinet	456.30	48.77
10 44 13 00-0034	EA	10-1/2" x 24" x 5-1/2" Inside Dimensions, Semi Recessed Steel Fire Extinguisher Cabinet	472.16	48.77
10 44 13 00-0035	EA	10-1/2" x 24" x 6" Inside Dimensions, Semi Recessed Steel Fire Extinguisher Cabinet	473.75	48.77
10 44 13 00-0036	EA	12" x 27" x 7-3/4" Inside Dimensions, Semi Recessed Steel Fire Extinguisher Cabinet	527.67	48.77
10 44 13 00-0037	EA	16" x 32" x 7-3/4" Inside Dimensions, Semi Recessed Steel Fire Extinguisher Cabinet	635.50	48.77
10 44 13 00-0038	EA	20" x 27" x 7-3/4" Inside Dimensions, Semi Recessed Steel Fire Extinguisher Cabinet	652.94	48.77
10 44 13 00-0039		**Aluminum Door And Trim, Semi Recessed Fire Extinguisher Cabinets** *(10 44 13 00-0031)*		
		Note: Includes clear anodized finish, full view glass or solid metal door, zinc plated handle and steel tub.		
10 44 13 00-0040	EA	9" x 18" x 5-1/2" Inside Dimensions, Semi Recessed Aluminum Fire Extinguisher Cabinet	437.62	48.77
10 44 13 00-0041	EA	10-1/2" x 24" x 5-1/2" Inside Dimensions, Semi Recessed Aluminum Fire Extinguisher Cabinet	452.92	48.77
10 44 13 00-0042	EA	10-1/2" x 24" x 6" Inside Dimensions, Semi Recessed Aluminum Fire Extinguisher Cabinet	462.10	48.77
10 44 13 00-0043	EA	12" x 27" x 7-3/4" Inside Dimensions, Semi Recessed Aluminum Fire Extinguisher Cabinet	479.44	48.77
10 44 13 00-0044	EA	16" x 32" x 7-3/4" Inside Dimensions, Semi Recessed Aluminum Fire Extinguisher Cabinet	539.62	48.77
10 44 13 00-0045	EA	20" x 27" x 7-3/4" Inside Dimensions, Semi Recessed Aluminum Fire Extinguisher Cabinet	553.91	48.77
10 44 13 00-0046		**Stainless Steel Door And Trim, Semi Recessed Fire Extinguisher Cabinets** *(10 44 13 00-0031)*		
		Note: Includes stainless steel finish, full view glass or solid metal door, zinc plated handle and steel tub.		
10 44 13 00-0047	EA	9" x 18" x 5-1/2" Inside Dimensions, Semi Recessed Stainless Steel Fire Extinguisher Cabinet	608.09	48.77
10 44 13 00-0048	EA	10-1/2" x 24" x 5-1/2" Inside Dimensions, Semi Recessed Stainless Steel Fire Extinguisher Cabinet	624.16	48.77
10 44 13 00-0049	EA	10-1/2" x 24" x 6" Inside Dimensions, Semi Recessed Stainless Steel Fire Extinguisher Cabinet	631.04	48.77
10 44 13 00-0050	EA	12" x 27" x 7-3/4" Inside Dimensions, Semi Recessed Stainless Steel Fire Extinguisher Cabinet	666.62	48.77
10 44 13 00-0051	EA	16" x 32" x 7-3/4" Inside Dimensions, Semi Recessed Stainless Steel Fire Extinguisher Cabinet	754.98	48.77
10 44 13 00-0052	EA	20" x 27" x 7-3/4" Inside Dimensions, Semi Recessed Stainless Steel Fire Extinguisher Cabinet	774.49	48.77
10 44 13 00-0053		**Bronze Door And Trim, Semi Recessed Fire Extinguisher Cabinets** *(10 44 13 00-0031)*		
		Note: Includes satin bronze finish, full view glass or solid metal door, zinc plated handle and steel tub.		
10 44 13 00-0054	EA	10-1/2" x 24" x 5-1/2" Inside Dimensions, Semi Recessed Bronze Fire Extinguisher Cabinet	2,020.05	48.77
10 44 13 00-0055	EA	10-1/2" x 24" x 6" Inside Dimensions, Semi Recessed Bronze Fire Extinguisher Cabinet	2,030.03	48.77
10 44 13 00-0056	EA	12" x 27" x 7-3/4" Inside Dimensions, Semi Recessed Bronze Fire Extinguisher Cabinet	2,331.44	48.77
10 44 13 00-0057		**Acrylic Bubble Door And Steel Trim, Semi Recessed Fire Extinguisher Cabinets** *(10 44 13 00-0031)*		
		Note: Includes 180 degree visibility acrylic bubble door, zinc plated handle and steel tub.		
10 44 13 00-0058	EA	10-1/2" x 24" x 4" Inside Dimensions, Semi Recessed Steel Fire Extinguisher Cabinet With Acrylic Bubble Door	573.65	48.77
10 44 13 00-0059	EA	14" x 30" x 4" Inside Dimensions, Semi Recessed Steel Fire Extinguisher Cabinet With Acrylic Bubble Door	630.74	48.77
10 44 13 00-0060		**Surface Mounted Fire Extinguisher Cabinets** *(10 44 13 00-0001)*		
10 44 13 00-0061		**Steel Door And Trim, Surface Mount Fire Extinguisher Cabinets** *(10 44 13 00-0060)*		
		Note: Includes powder-coat finish, full view glass or solid metal door, zinc plated handle and steel tub.		
10 44 13 00-0062	EA	12-3/16" x 21-3/16" x 6" Inside Dimensions, Surface Mount Steel Fire Extinguisher Cabinet	443.62	48.77
10 44 13 00-0063	EA	13-11/16" x 27-3/16" x 6-1/2" Inside Dimensions, Surface Mount Steel Fire Extinguisher Cabinet	453.13	48.77
10 44 13 00-0064	EA	15-3/16" x 30-3/16" x 8-1/4" Inside Dimensions, Surface Mount Steel Fire Extinguisher Cabinet	529.25	48.77
10 44 13 00-0065	EA	19-3/16" x 35-3/16" x 8-1/4" Inside Dimensions, Surface Mount Steel Fire Extinguisher Cabinet	622.81	48.77
10 44 13 00-0066	EA	23-3/16" x 30-3/16" x 8-1/4" Inside Dimensions, Surface Mount Steel Fire Extinguisher Cabinet	648.19	48.77
10 44 13 00-0067		**Aluminum Door And Trim, Surface Mount Fire Extinguisher Cabinets** *(10 44 13 00-0060)*		
		Note: Includes clear anodized finish, full view glass or solid metal door, zinc plated handle and steel tub.		
10 44 13 00-0068	EA	12-3/16" x 21-3/16" x 6" Inside Dimensions, Surface Mount Aluminum Fire Extinguisher Cabinet	534.52	48.77
10 44 13 00-0069	EA	13-11/16" x 27-3/16" x 6-1/2" Inside Dimensions, Surface Mount Aluminum Fire Extinguisher Cabinet	547.79	48.77
10 44 13 00-0070	EA	15-3/16" x 30-3/16" x 8-1/4" Inside Dimensions, Surface Mount Aluminum Fire Extinguisher Cabinet	577.37	48.77
10 44 13 00-0071	EA	19-3/16" x 35-3/16" x 8-1/4" Inside Dimensions, Surface Mount Aluminum Fire Extinguisher Cabinet	635.51	48.77
10 44 13 00-0072	EA	23-3/16" x 30-3/16" x 8-1/4" Inside Dimensions, Surface Mount Aluminum Fire Extinguisher Cabinet	660.00	48.77

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 44 13 00-0073		**Stainless Steel Door And Trim, Surface Mount Fire Extinguisher Cabinets** *(10 44 13 00-0060)*		
		Note: Includes stainless steel finish, full view glass or solid metal door, zinc plated handle and steel tub.		
10 44 13 00-0074	EA	12-3/16" x 21-3/16" x 6" Inside Dimensions, Surface Mount Stainless Steel Fire Extinguisher Cabinet	707.93	48.77
10 44 13 00-0075	EA	13-11/16" x 27-3/16" x 6-1/2" Inside Dimensions, Surface Mount Stainless Steel Fire Extinguisher Cabinet	729.73	48.77
10 44 13 00-0076	EA	15-3/16" x 30-3/16" x 8-1/4" Inside Dimensions, Surface Mount Stainless Steel Fire Extinguisher Cabinet	783.67	48.77
10 44 13 00-0077	EA	19-3/16" x 35-3/16" x 8-1/4" Inside Dimensions, Surface Mount Stainless Steel Fire Extinguisher Cabinet	888.10	48.77
10 44 13 00-0078	EA	23-3/16" x 30-3/16" x 8-1/4" Inside Dimensions, Surface Mount Stainless Steel Fire Extinguisher Cabinet	920.23	48.77
10 44 13 00-0079		**Bronze Door And Trim, Surface Mount Fire Extinguisher Cabinets** *(10 44 13 00-0060)*		
		Note: Includes satin bronze finish, full view glass or solid metal door, zinc plated handle and steel tub.		
10 44 13 00-0080	EA	13-11/16" x 27-3/16" x 6-1/2" Inside Dimensions, Surface Mount Bronze Fire Extinguisher Cabinet	2,322.03	48.77
10 44 13 00-0081	EA	15-3/16" x 30-3/16" x 8-1/4" Inside Dimensions, Surface Mount Bronze Fire Extinguisher Cabinet	2,621.13	48.77
10 44 13 00-0082		**Acrylic Bubble Door And Steel Trim, Surface Mount Fire Extinguisher Cabinets** *(10 44 13 00-0060)*		
		Note: Includes 180 degree visibility acrylic bubble door, zinc plated handle and steel tub.		
10 44 13 00-0083	EA	13-11/16" x 27-3/16" x 4-5/8" Inside Dimensions, Surface Mount Steel Fire Extinguisher Cabinet With Acrylic Bubble Door	538.77	48.77
10 44 13 00-0084	EA	17-3/16" x 33-3/16" x 4-5/8" Inside Dimensions, Surface Mount Steel Fire Extinguisher Cabinet With Acrylic Bubble Door	608.54	48.77
10 44 13 00-0085	EA	31-3/16" x 33-3/16" x 4-5/8" Inside Dimensions, Surface Mount Steel Fire Extinguisher Cabinet With Acrylic Bubble Door	852.75	48.77
10 44 13 00-0086		**Fire Extinguisher Cabinet Accessories** *(10 44 13 00-0001)*		
10 44 13 00-0087	EA	Standard Break Glass Cylinder Lock Mechanism	41.91	14.87
10 44 13 00-0088	EA	Breaker Bar And Chain For Break Glass Cabinets	37.65	14.87
10 44 13 00-0089	EA	Replacement Of Standard Pull Handle	35.05	
10 44 13 00-0090	EA	Fire Extinguisher Cabinet Battery Operated Alarm	114.24	29.73
10 44 13 00-0091	EA	Fire Rated Option For 10-1/2" x 24" x 5-1/2" Or 6" Cabinets	231.09	
10 44 13 00-0092	EA	Fire Rated Option For 12" x 27" x 7-3/4" Cabinets	254.20	
10 44 13 00-0093	EA	Fire Rated Option For 16" x 32" x 7-3/4" Cabinets	346.64	
10 44 13 00-0094	EA	Fire Rated Option For 20" x 27" x 7-3/4" Cabinets	473.73	
10 44 13 00-0095	EA	Fire Rated Option For 9" x 18" x 5-1/2" Cabinets	554.62	
10 44 13 00-0096	EA	Standard Glass With Wire Glass For 9" x 18" x 5-1/2" Cabinets	134.03	
10 44 13 00-0097	EA	Standard Glass With Wire Glass For 10-1/2" x 24" x 5-1/2" Or 6" Cabinets	138.65	
10 44 13 00-0098	EA	Standard Glass With Wire Glass For 12" x 27" x 7-3/4" Cabinets	184.87	
10 44 13 00-0099	EA	Standard Glass With Wire Glass For 16" x 32" x 7-3/4" Cabinets	335.08	
10 44 13 00-0100	EA	Standard Glass With Wire Glass For 20" x 27" x 7-3/4" Cabinets	339.70	
10 44 13 00-0101	EA	Standard Glass With Wire Glass For 12-3/16" x 21-3/16" x 6" Cabinets	133.07	
10 44 13 00-0102	EA	Standard Glass With Wire Glass For 13-11/16" x 27-3/16" x 6-1/2" Cabinets	139.73	
10 44 13 00-0103	EA	Standard Glass With Wire Glass For 15-3/16" x 30-3/16" x 8-1/4" Cabinets	188.52	
10 44 13 00-0104	EA	Standard Glass With Wire Glass For 19-3/16" x 35-3/16" x 8-1/4" Cabinets	332.68	
10 44 13 00-0105	EA	Standard Glass With Wire Glass For 23-3/16" x 30-3/16" x 8-1/4" Cabinets	337.12	
10 44 13 00-0106		**Fire Hose Cabinets** *(10 44 13)*		
		Note: Excludes hoses, hose rack units, fire extinguishers and valves. See CSI section 21 12 13 00-0001 for fire hoses and nozzles, 21 12 13 00-0015 for fire hose rack units, 21 12 23 00-0001 for fire department valves, 21 12 23 00-0014 for fire hose angle valves.		
10 44 13 00-0107		**Recessed Fire Hose Cabinets** *(10 44 13 00-0106)*		
10 44 13 00-0108		**Steel Door And Trim, Recessed Fire Hose Cabinets** *(10 44 13 00-0107)*		
		Note: Includes baked enamel finish, steel door, trim and box, full view acrylic door lite, satin finish turn handle, continuous matching hinge and self-adjusting roller catch.		
10 44 13 00-0109	EA	34" x 24" x 8" Inside Dimensions, Recessed Steel Fire Hose Cabinet	681.08	158.33
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0110	EA	34" x 26" x 8" Inside Dimensions, Recessed Steel Fire Hose Cabinet	693.37	158.33
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0111	EA	38" x 24" x 8" Inside Dimensions, Recessed Steel Fire Hose Cabinet	703.61	158.33
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0112	EA	38" x 26" x 8" Inside Dimensions, Recessed Steel Fire Hose Cabinet	713.86	158.33
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0113	EA	30" x 30" x 8" Inside Dimensions, Recessed Steel Fire Hose Cabinet	726.14	158.33
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0114	EA	38" x 32" x 8" Inside Dimensions, Recessed Steel Fire Hose Cabinet	758.89	158.33
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0115	EA	23" x 18" x 8" Inside Dimensions, Recessed Steel Fire Hose Cabinet	769.14	158.33
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0116		**Aluminum Door And Trim, Recessed Fire Hose Cabinets** *(10 44 13 00-0107)*		
		Note: Includes clear satin anodized finish, aluminum door and trim, baked enamel steel box, full view acrylic door lite, satin finish turn handle, continuous matching hinge and self-adjusting roller catch.		
10 44 13 00-0117	EA	34" x 24" x 8" Inside Dimensions, Recessed Aluminum Fire Hose Cabinet	737.83	158.33
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0118	EA	30" x 30" x 8" Inside Dimensions, Recessed Aluminum Fire Hose Cabinet	757.63	158.33
		For Solid Aluminum Door, Add	*6.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 44 13 00-0119	EA	34" x 26" x 8" Inside Dimensions, Recessed Aluminum Fire Hose Cabinet	760.20	158.33
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0120	EA	38" x 24" x 8" Inside Dimensions, Recessed Aluminum Fire Hose Cabinet	768.43	158.33
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0121	EA	38" x 26" x 8" Inside Dimensions, Recessed Aluminum Fire Hose Cabinet	779.23	158.33
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0122	EA	38" x 32" x 8" Inside Dimensions, Recessed Aluminum Fire Hose Cabinet	809.82	158.33
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0123	EA	23" x 18" x 8" Inside Dimensions, Recessed Aluminum Fire Hose Cabinet	840.42	158.33
		For Solid Aluminum Door, Add	*6.50*	

10 44 13 00-0124 Stainless Steel Door And Trim, Recessed Fire Hose Cabinets *(10 44 13 00-0107)*

Note: Includes #4 finish, stainless steel door and trim, baked enamel steel box, full view acrylic door lite, satin finish turn handle, continuous matching hinge and self-adjusting roller catch.

10 44 13 00-0125	EA	23" x 18" x 8" Inside Dimensions, Recessed Stainless Steel Fire Hose Cabinet	972.73	158.33
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0126	EA	34" x 24" x 8" Inside Dimensions, Recessed Stainless Steel Fire Hose Cabinet	1,075.17	158.33
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0127	EA	34" x 26" x 8" Inside Dimensions, Recessed Stainless Steel Fire Hose Cabinet	1,085.03	158.33
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0128	EA	38" x 24" x 8" Inside Dimensions, Recessed Stainless Steel Fire Hose Cabinet	1,116.55	158.33
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0129	EA	38" x 26" x 8" Inside Dimensions, Recessed Stainless Steel Fire Hose Cabinet	1,126.40	158.33
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0130	EA	30" x 30" x 8" Inside Dimensions, Recessed Stainless Steel Fire Hose Cabinet	1,177.62	158.33
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0131	EA	38" x 32" x 8" Inside Dimensions, Recessed Stainless Steel Fire Hose Cabinet	1,228.85	158.33
		For Solid Stainless Steel Door, Deduct	*-7.70*	

10 44 13 00-0132 Semi Recessed Fire Hose Cabinets *(10 44 13 00-0106)*

10 44 13 00-0133 Steel Door And Trim, Semi Recessed Fire Hose Cabinets *(10 44 13 00-0132)*

Note: Includes baked enamel finish, steel door, trim and box, full view acrylic door lite, satin finish turn handle, continuous matching hinge and self-adjusting roller catch.

10 44 13 00-0134	EA	34" x 24" x 8" Inside Dimensions, Semi Recessed Steel Fire Hose Cabinet	713.86	158.33
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0135	EA	34" x 26" x 8" Inside Dimensions, Semi Recessed Steel Fire Hose Cabinet	726.14	158.33
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0136	EA	38" x 24" x 8" Inside Dimensions, Semi Recessed Steel Fire Hose Cabinet	736.36	158.33
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0137	EA	38" x 26" x 8" Inside Dimensions, Semi Recessed Steel Fire Hose Cabinet	748.65	158.33
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0138	EA	30" x 30" x 8" Inside Dimensions, Semi Recessed Steel Fire Hose Cabinet	758.89	158.33
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0139	EA	38" x 32" x 8" Inside Dimensions, Semi Recessed Steel Fire Hose Cabinet	791.64	158.33
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0140	EA	23" x 18" x 8" Inside Dimensions, Semi Recessed Steel Fire Hose Cabinet	803.92	158.33
		For Solid Steel Door, Deduct	*-8.60*	

10 44 13 00-0141 Aluminum Door And Trim, Semi Recessed Fire Hose Cabinets *(10 44 13 00-0132)*

Note: Includes clear satin anodized finish, aluminum door and trim, baked enamel steel box, full view acrylic door lite, satin finish turn handle, continuous matching hinge and self-adjusting roller catch.

10 44 13 00-0142	EA	34" x 24" x 8" Inside Dimensions, Semi Recessed Aluminum Fire Hose Cabinet	757.63	158.33
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0143	EA	34" x 26" x 8" Inside Dimensions, Semi Recessed Aluminum Fire Hose Cabinet	779.23	158.33
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0144	EA	30" x 30" x 8" Inside Dimensions, Semi Recessed Aluminum Fire Hose Cabinet	782.31	158.33
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0145	EA	38" x 24" x 8" Inside Dimensions, Semi Recessed Aluminum Fire Hose Cabinet	788.23	158.33
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0146	EA	38" x 26" x 8" Inside Dimensions, Semi Recessed Aluminum Fire Hose Cabinet	799.02	158.33
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0147	EA	38" x 32" x 8" Inside Dimensions, Semi Recessed Aluminum Fire Hose Cabinet	829.62	158.33
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0148	EA	23" x 18" x 8" Inside Dimensions, Semi Recessed Aluminum Fire Hose Cabinet	860.22	158.33
		For Solid Aluminum Door, Add	*6.50*	

10 44 13 00-0149 Stainless Steel Door And Trim, Semi Recessed Fire Hose Cabinets *(10 44 13 00-0132)*

Note: Includes #4 finish, 304 stainless steel door and trim, baked enamel steel box, full view acrylic door lite, satin finish turn handle, continuous matching hinge and self-adjusting roller catch.

10 44 13 00-0150	EA	23" x 18" x 8" Inside Dimensions, Semi Recessed Stainless Steel Fire Hose Cabinet	1,033.80	158.33
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0151	EA	34" x 24" x 8" Inside Dimensions, Semi Recessed Stainless Steel Fire Hose Cabinet	1,146.10	158.33
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0152	EA	34" x 26" x 8" Inside Dimensions, Semi Recessed Stainless Steel Fire Hose Cabinet	1,155.95	158.33
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0153	EA	38" x 24" x 8" Inside Dimensions, Semi Recessed Stainless Steel Fire Hose Cabinet	1,187.47	158.33
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0154	EA	38" x 26" x 8" Inside Dimensions, Semi Recessed Stainless Steel Fire Hose Cabinet	1,197.32	158.33
		For Solid Stainless Steel Door, Deduct	*-7.70*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 44 13 00-0155	EA	30" x 30" x 8" Inside Dimensions, Semi Recessed Stainless Steel Fire Hose Cabinet	1,248.55	158.33
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0156	EA	38" x 32" x 8" Inside Dimensions, Semi Recessed Stainless Steel Fire Hose Cabinet	1,299.77	158.33
		For Solid Stainless Steel Door, Deduct	*-7.70*	

10 44 13 00-0157 Surface Mount Fire Hose Cabinets *(10 44 13 00-0106)*

10 44 13 00-0158 Steel Door And Trim, Surface Mount Fire Hose Cabinets *(10 44 13 00-0157)*

Note: Includes baked enamel finish, steel door and trim, baked enamel steel box, full view acrylic door lite, satin finish turn handle, continuous matching hinge and self-adjusting roller catch.

10 44 13 00-0159	EA	37-1/2" x 27-1/2" x 8-1/2" Inside Dimensions, Surface Mount Steel Fire Hose Cabinet	726.14	158.33
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0160	EA	37-1/2" x 29-1/2" x 8-1/2" Inside Dimensions, Surface Mount Steel Fire Hose Cabinet	736.36	158.33
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0161	EA	41-1/2" x 27-1/2" x 8-1/2" Inside Dimensions, Surface Mount Steel Fire Hose Cabinet	748.65	158.33
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0162	EA	41-1/2" x 29-1/2" x 8-1/2" Inside Dimensions, Surface Mount Steel Fire Hose Cabinet	758.89	158.33
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0163	EA	33-1/2" x 33-1/2" x 8-1/2" Inside Dimensions, Surface Mount Steel Fire Hose Cabinet	769.14	158.33
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0164	EA	41-1/2" x 35-1/2" x 8-1/2" Inside Dimensions, Surface Mount Steel Fire Hose Cabinet	803.92	158.33
		For Solid Steel Door, Deduct	*-8.60*	
10 44 13 00-0165	EA	26-1/2" x 21-1/2" x 8-1/2" Inside Dimensions, Surface Mount Steel Fire Hose Cabinet	814.17	158.33
		For Solid Steel Door, Deduct	*-8.60*	

10 44 13 00-0166 Aluminum Door And Trim, Surface Mount Fire Hose Cabinets *(10 44 13 00-0157)*

Note: Includes clear satin anodized finish, aluminum door, trim and box, full view acrylic door lite, satin finish turn handle, continuous matching hinge and self-adjusting roller catch.

10 44 13 00-0167	EA	37-1/2" x 27-1/2" x 8-1/2" Inside Dimensions, Surface Mount Aluminum Fire Hose Cabinet	809.82	158.33
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0168	EA	33-1/2" x 33-1/2" x 8-1/2" Inside Dimensions, Surface Mount Aluminum Fire Hose Cabinet	829.62	158.33
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0169	EA	37-1/2" x 29-1/2" x 8-1/2" Inside Dimensions, Surface Mount Aluminum Fire Hose Cabinet	834.76	158.33
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0170	EA	41-1/2" x 27-1/2" x 8-1/2" Inside Dimensions, Surface Mount Aluminum Fire Hose Cabinet	840.42	158.33
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0171	EA	41-1/2" x 29-1/2" x 8-1/2" Inside Dimensions, Surface Mount Aluminum Fire Hose Cabinet	849.42	158.33
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0172	EA	41-1/2" x 35-1/2" x 8-1/2" Inside Dimensions, Surface Mount Aluminum Fire Hose Cabinet	881.82	158.33
		For Solid Aluminum Door, Add	*6.50*	
10 44 13 00-0173	EA	26-1/2" x 21-1/2" x 8-1/2" Inside Dimensions, Surface Mount Aluminum Fire Hose Cabinet	901.62	158.33
		For Solid Aluminum Door, Add	*6.50*	

10 44 13 00-0174 Stainless Steel Door And Trim, Surface Mount Fire Hose Cabinets *(10 44 13 00-0157)*

Note: Includes #4 finish, 304 stainless steel door, trim and box, full view acrylic door lite, satin finish turn handle, continuous matching hinge and self-adjusting roller catch.

10 44 13 00-0175	EA	26-1/2" x 21-1/2" x 8-1/2" Inside Dimensions, Surface Mount Stainless Steel Fire Hose Cabinet	1,116.55	158.33
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0176	EA	37-1/2" x 27-1/2" x 8-1/2" Inside Dimensions, Surface Mount Stainless Steel Fire Hose Cabinet	1,443.60	158.33
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0177	EA	41-1/2" x 27-1/2" x 8-1/2" Inside Dimensions, Surface Mount Stainless Steel Fire Hose Cabinet	1,526.34	158.33
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0178	EA	37-1/2" x 29-1/2" x 8-1/2" Inside Dimensions, Surface Mount Stainless Steel Fire Hose Cabinet	1,546.04	158.33
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0179	EA	41-1/2" x 29-1/2" x 8-1/2" Inside Dimensions, Surface Mount Stainless Steel Fire Hose Cabinet	1,565.75	158.33
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0180	EA	33-1/2" x 33-1/2" x 8-1/2" Inside Dimensions, Surface Mount Stainless Steel Fire Hose Cabinet	1,648.49	158.33
		For Solid Stainless Steel Door, Deduct	*-7.70*	
10 44 13 00-0181	EA	41-1/2" x 35-1/2" x 8-1/2" Inside Dimensions, Surface Mount Stainless Steel Fire Hose Cabinet	1,750.94	158.33
		For Solid Stainless Steel Door, Deduct	*-7.70*	

10 44 16 Fire Extinguishers *(10 44)*

10 44 16 13 Portable Fire Extinguishers *(10 44 16)*

Note: Includes filling, certification, bracket, hardware and mounting on wall.

10 44 16 13-0001 Carbon Dioxide Type, Class BC Portable Fire Extinguisher *(10 44 16 13)*

10 44 16 13-0002	EA	2.5 LB Carbon Dioxide, Type BC Portable Fire Extinguisher	191.91	15.46
		For >5 To 10, Deduct	*-5.63*	
		For >10, Deduct	*-11.26*	
		For Placement In Cabinet, Deduct	*-39.65*	
10 44 16 13-0003	EA	5 LB Carbon Dioxide, Type BC Portable Fire Extinguisher	277.61	17.84
		For >5 To 10, Deduct	*-9.31*	
		For >10, Deduct	*-18.61*	
		For Placement In Cabinet, Deduct	*-45.75*	
10 44 16 13-0004	EA	10 LB Carbon Dioxide, Type BC Portable Fire Extinguisher	361.09	22.60
		For >5 To 10, Deduct	*-12.11*	
		For >10, Deduct	*-24.22*	
		For Placement In Cabinet, Deduct	*-59.47*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 44 16 13-0005	EA	15 LB Carbon Dioxide, Type BC Portable Fire Extinguisher	444.84	28.54
		For >5 To 10, Deduct	*-14.81*	
		For >10, Deduct	*-29.62*	
		For Placement In Cabinet, Deduct	*-74.33*	
10 44 16 13-0006	EA	20 LB Carbon Dioxide, Type BC Portable Fire Extinguisher	493.22	28.54
		For >5 To 10, Deduct	*-17.23*	
		For >10, Deduct	*-34.46*	
		For Placement In Cabinet, Deduct	*-74.33*	
10 44 16 13-0007	EA	50 LB Carbon Dioxide, Type BC Wheeled Fire Extinguisher	1,557.60	45.19
		For >5 To 10, Deduct	*-65.99*	
		For >10, Deduct	*-131.97*	
10 44 16 13-0008	EA	100 LB Carbon Dioxide, Type BC Wheeled Fire Extinguisher	3,028.59	45.19
		For >5 To 10, Deduct	*-139.54*	
		For >10, Deduct	*-279.07*	

10 44 16 13-0009 Dry Chemical Type, Class ABC Portable Fire Extinguisher *(10 44 16 13)*

10 44 16 13-0010	EA	2.6 LB Dry Chemical, Type ABC Portable Fire Extinguisher	122.23	15.46
		For >5 To 10, Deduct	*-2.15*	
		For >10, Deduct	*-4.29*	
		For Placement In Cabinet, Deduct	*-39.65*	
10 44 16 13-0011	EA	5 LB Dry Chemical, Type ABC Portable Fire Extinguisher	152.39	17.84
		For >5 To 10, Deduct	*-3.05*	
		For >10, Deduct	*-6.09*	
		For Placement In Cabinet, Deduct	*-45.75*	
10 44 16 13-0012	EA	10 LB Dry Chemical, Type ABC Portable Fire Extinguisher	215.89	22.60
		For >5 To 10, Deduct	*-4.85*	
		For >10, Deduct	*-9.70*	
		For Placement In Cabinet, Deduct	*-59.47*	
10 44 16 13-0013	EA	20 LB Dry Chemical, Type ABC Portable Fire Extinguisher	301.25	28.54
		For >5 To 10, Deduct	*-7.63*	
		For >10, Deduct	*-15.26*	
		For Placement In Cabinet, Deduct	*-74.33*	
10 44 16 13-0014	EA	50 LB Dry Chemical, Type ABC Wheeled Fire Extinguisher	1,861.88	45.19
		For >5 To 10, Deduct	*-81.20*	
		For >10, Deduct	*-162.40*	
10 44 16 13-0015	EA	125 LB Dry Chemical, Type ABC Wheeled Fire Extinguisher	2,751.32	45.19
		For >5 To 10, Deduct	*-125.67*	
		For >10, Deduct	*-251.35*	

10 44 16 13-0016 Other Portable Fire Extinguishers *(10 44 16 13)*

10 44 16 13-0017	EA	2.5 Gallon Water, Stored Pressure Portable Fire Extinguisher Note: Stainless steel.	216.40	17.84
		For >5 To 10, Deduct	*-6.25*	
		For >10, Deduct	*-12.49*	
		For Placement In Cabinet, Deduct	*-45.75*	
10 44 16 13-0018	EA	1.6 Gallon Wet Chemical, Class K Portable Fire Extinguisher Note: Stainless steel.	328.93	28.54
		For >5 To 10, Deduct	*-9.01*	
		For >10, Deduct	*-18.03*	
		For Placement In Cabinet, Deduct	*-74.33*	
10 44 16 13-0019	EA	2.5 Gallon Wet Chemical, Class K Portable Fire Extinguisher Note: Stainless steel.	348.57	28.54
		For >5 To 10, Deduct	*-10.00*	
		For >10, Deduct	*-19.99*	
		For Placement In Cabinet, Deduct	*-74.33*	
10 44 16 13-0020	EA	30 LB Dry Powder, Class D Portable Fire Extinguisher Note: Yellow steel.	484.23	28.54
		For >5 To 10, Deduct	*-16.78*	
		For >10, Deduct	*-33.56*	

10 44 16 13-0021 Fire Extinguisher Backboards *(10 44 16 13)*

10 44 16 13-0022 Fire Extinguisher Backboards *(10 44 16 13-0021)*

Note: Mounted to any wall. Includes anchors.

10 44 16 13-0023	EA	Red Painted 1/2" x 12" x 40" Beveled Edge Plywood Fire Extinguisher Backboard	128.22	20.35
10 44 16 13-0024	EA	Relocate Fire Extinguisher Wood Backboard, Any Size Note: Includes storage and cleaning.	179.54	

10 44 16 13-0025 Inspections And Testing *(10 44 16 13)*

10 44 16 13-0026	EA	On Site Fire Extinguisher Annual Inspection (Tag)	9.00	
10 44 16 13-0027	EA	On Site Fire Extinguisher Hydrotest	13.24	

10 44 19 Fire Blankets *(10 44)*

10 44 19 00-0001	EA	Vertical Roller Type Fire Blanket Cabinet (JL Industries 1FB) Note: Includes a 62" x 84", 3-1/2 pound, processed wool fire blanket.	543.12	48.77
10 44 19 00-0002	EA	Drop Type Fire Blanket Cabinet (JL Industries 2FB) Note: Includes a 62" x 84", 3-1/2 pound, processed wool fire blanket.	392.47	48.77

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

10 45 Photoluminescent Exit Specialties *(10 40)*

10 45 00 00-0001 Photoluminescent Illuminated Egress Markings *(10 45)*

10 45 00 00-0002	LF	1" Wide Egress / Exit Photoluminescent Path Marking Tape Applied To Floors Note: Peel and stick.	9.80	
		For Wall Applied, Add	*1.06*	
10 45 00 00-0003	LF	1-1/2" Wide Egress / Exit Photoluminescent Path Marking Tape Applied To Floors Note: Peel and stick.	10.35	
		For Wall Applied, Add	*1.06*	
10 45 00 00-0004	LF	2" Wide Egress / Exit Photoluminescent Path Marking Tape Applied To Floors Note: Peel and stick.	10.90	
		For Wall Applied, Add	*1.06*	
10 45 00 00-0005	LF	1-1/2" Wide Egress / Exit Photoluminescent Path Marking Tape With Arrows Applied To Floors Note: Peel and stick.	10.35	
		For Wall Applied, Add	*1.06*	
10 45 00 00-0006	LF	2" Wide Egress / Exit Photoluminescent Path Marking Tape With Arrows Applied To Floors Note: Peel and stick.	11.45	
		For Wall Applied, Add	*1.06*	
10 45 00 00-0007	LF	1-1/2" Wide Egress Photoluminescent Danger Warning Marking Tape With Stripes Applied To Floors Note: Peel and stick.	12.14	
		For Wall Applied, Add	*1.06*	
10 45 00 00-0008	EA	1" Wide x 48" Long Photoluminescent Strip Exit Path Marking Applied To Floors Note: Self adhesive, high bond foam backing.	52.81	
10 45 00 00-0009	EA	1" Wide x 30" Long Aluminum Stair Nosing With Photoluminescent Strip Note: Self adhesive, high bond foam backing.	52.00	

10 50 Storage Specialties *(10)*

10 51 Lockers *(10 50)*

10 51 13 Metal Lockers *(10 51)*

10 51 13 00-0001 Institutional And Corridor Lockers *(10 51 13)*

Note: Price per frame. Includes baked enamel 24 gauge solid body components and 6" legs. Excludes slope top, base fillers, and locks.

10 51 13 00-0002 Single Tier Institutional Or Corridor Locker *(10 51 13 00-0001)*

Note: Includes one hat shelf, three single hooks and one double hook.

10 51 13 00-0003	EA	12" x 12" x 60" Single Tier Institutional Or Corridor Locker	269.38	36.86
		For >25 To 50, Deduct	*-9.78*	
		For >50 To 100, Deduct	*-20.67*	
		For >100, Deduct	*-31.56*	
		For 14 Gauge Doors, Add	*15.65*	
10 51 13 00-0004	EA	12" x 15" x 60" Single Tier Institutional Or Corridor Locker	279.75	36.86
		For >25 To 50, Deduct	*-10.30*	
		For >50 To 100, Deduct	*-21.71*	
		For >100, Deduct	*-33.11*	
		For 14 Gauge Doors, Add	*16.48*	
10 51 13 00-0005	EA	12" x 18" x 60" Single Tier Institutional Or Corridor Locker	293.92	36.86
		For >25 To 50, Deduct	*-11.01*	
		For >50 To 100, Deduct	*-23.12*	
		For >100, Deduct	*-35.24*	
		For 14 Gauge Doors, Add	*17.61*	
10 51 13 00-0006	EA	12" x 12" x 72" Single Tier Institutional Or Corridor Locker	293.27	38.06
		For >25 To 50, Deduct	*-10.86*	
		For >50 To 100, Deduct	*-22.86*	
		For >100, Deduct	*-34.86*	
		For 14 Gauge Doors, Add	*17.37*	
10 51 13 00-0007	EA	12" x 15" x 72" Single Tier Institutional Or Corridor Locker	301.86	38.06
		For >25 To 50, Deduct	*-11.29*	
		For >50 To 100, Deduct	*-23.72*	
		For >100, Deduct	*-36.15*	
		For 14 Gauge Doors, Add	*18.06*	
10 51 13 00-0008	EA	12" x 18" x 72" Single Tier Institutional Or Corridor Locker	310.24	38.06
		For >25 To 50, Deduct	*-11.71*	
		For >50 To 100, Deduct	*-24.55*	
		For >100, Deduct	*-37.40*	
		For 14 Gauge Doors, Add	*18.73*	
10 51 13 00-0009	EA	15" x 15" x 72" Single Tier Institutional Or Corridor Locker	324.70	38.06
		For >25 To 50, Deduct	*-12.43*	
		For >50 To 100, Deduct	*-26.00*	
		For >100, Deduct	*-39.57*	
		For 14 Gauge Doors, Add	*19.89*	
10 51 13 00-0010	EA	15" x 18" x 72" Single Tier Institutional Or Corridor Locker	339.01	38.06
		For >25 To 50, Deduct	*-13.15*	
		For >50 To 100, Deduct	*-27.43*	
		For >100, Deduct	*-41.72*	
		For 14 Gauge Doors, Add	*21.03*	
10 51 13 00-0011	EA	18" x 18" x 72" Single Tier Institutional Or Corridor Locker	354.17	38.06
		For >25 To 50, Deduct	*-13.90*	
		For >50 To 100, Deduct	*-28.95*	
		For >100, Deduct	*-43.99*	
		For 14 Gauge Doors, Add	*22.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 13 00-0012	EA	18" x 21" x 72" Single Tier Institutional Or Corridor Locker	368.17	38.06
		For >25 To 50, Deduct	*-14.60*	
		For >50 To 100, Deduct	*-30.35*	
		For >100, Deduct	*-46.09*	
		For 14 Gauge Doors, Add	*23.36*	
10 51 13 00-0013	EA	24" x 24" x 72" Single Tier Institutional Or Corridor Locker	496.07	38.06
		For >25 To 50, Deduct	*-21.00*	
		For >50 To 100, Deduct	*-43.14*	
		For >100, Deduct	*-65.28*	
		For 14 Gauge Doors, Add	*33.60*	
10 51 13 00-0014		Two Tier Institutional Or Corridor Locker *(10 51 13 00-0001)*		
		Note: Includes three single hooks and one double hook per tier.		
10 51 13 00-0015	EA	12" x 12" x 60" Two Tier Institutional Or Corridor Locker	317.46	38.06
		For >25 To 50, Deduct	*-12.07*	
		For >50 To 100, Deduct	*-25.28*	
		For >100, Deduct	*-38.49*	
		For 14 Gauge Doors, Add	*26.55*	
10 51 13 00-0016	EA	12" x 15" x 60" Two Tier Institutional Or Corridor Locker	323.99	38.06
		For >25 To 50, Deduct	*-12.39*	
		For >50 To 100, Deduct	*-25.93*	
		For >100, Deduct	*-39.47*	
		For 14 Gauge Doors, Add	*27.27*	
10 51 13 00-0017	EA	12" x 18" x 60" Two Tier Institutional Or Corridor Locker	330.57	38.06
		For >25 To 50, Deduct	*-12.72*	
		For >50 To 100, Deduct	*-26.59*	
		For >100, Deduct	*-40.45*	
		For 14 Gauge Doors, Add	*27.99*	
10 51 13 00-0018	EA	12" x 12" x 72" Two Tier Institutional Or Corridor Locker	331.84	39.25
		For >25 To 50, Deduct	*-12.67*	
		For >50 To 100, Deduct	*-26.51*	
		For >100, Deduct	*-40.36*	
		For 14 Gauge Doors, Add	*27.87*	
10 51 13 00-0019	EA	12" x 15" x 72" Two Tier Institutional Or Corridor Locker	346.11	39.25
		For >25 To 50, Deduct	*-13.38*	
		For >50 To 100, Deduct	*-27.94*	
		For >100, Deduct	*-42.50*	
		For 14 Gauge Doors, Add	*29.44*	
10 51 13 00-0020	EA	12" x 18" x 72" Two Tier Institutional Or Corridor Locker	354.73	39.25
		For >25 To 50, Deduct	*-13.81*	
		For >50 To 100, Deduct	*-28.80*	
		For >100, Deduct	*-43.79*	
		For 14 Gauge Doors, Add	*30.39*	
10 51 13 00-0021	EA	15" x 15" x 72" Two Tier Institutional Or Corridor Locker	367.09	39.25
		For >25 To 50, Deduct	*-14.43*	
		For >50 To 100, Deduct	*-30.04*	
		For >100, Deduct	*-45.64*	
		For 14 Gauge Doors, Add	*31.74*	
10 51 13 00-0022	EA	15" x 18" x 72" Two Tier Institutional Or Corridor Locker	379.49	39.25
		For >25 To 50, Deduct	*-15.05*	
		For >50 To 100, Deduct	*-31.28*	
		For >100, Deduct	*-47.50*	
		For 14 Gauge Doors, Add	*33.11*	
10 51 13 00-0023	EA	18" x 18" x 72" Two Tier Institutional Or Corridor Locker	435.63	39.25
		For >25 To 50, Deduct	*-17.86*	
		For >50 To 100, Deduct	*-36.89*	
		For >100, Deduct	*-55.92*	
		For 14 Gauge Doors, Add	*39.28*	
10 51 13 00-0024	EA	18" x 21" x 72" Two Tier Institutional Or Corridor Locker	445.83	39.25
		For >25 To 50, Deduct	*-18.37*	
		For >50 To 100, Deduct	*-37.91*	
		For >100, Deduct	*-57.45*	
		For 14 Gauge Doors, Add	*40.41*	
10 51 13 00-0025		Three Tier Institutional Or Corridor Locker *(10 51 13 00-0001)*		
		Note: Includes one double hook per tier.		
10 51 13 00-0026	EA	12" x 12" x 72" Three Tier Institutional Or Corridor Locker	372.11	40.44
		For >25 To 50, Deduct	*-14.56*	
		For >50 To 100, Deduct	*-30.34*	
		For >100, Deduct	*-46.11*	
		For 14 Gauge Doors, Add	*43.69*	
10 51 13 00-0027	EA	12" x 15" x 72" Three Tier Institutional Or Corridor Locker	378.82	40.44
		For >25 To 50, Deduct	*-14.90*	
		For >50 To 100, Deduct	*-31.01*	
		For >100, Deduct	*-47.12*	
		For 14 Gauge Doors, Add	*44.69*	
10 51 13 00-0028	EA	12" x 18" x 72" Three Tier Institutional Or Corridor Locker	402.65	40.44
		For >25 To 50, Deduct	*-16.09*	
		For >50 To 100, Deduct	*-33.39*	
		For >100, Deduct	*-50.69*	
		For 14 Gauge Doors, Add	*48.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 13 00-0029	EA	15" x 15" x 72" Three Tier Institutional Or Corridor Locker	425.47	40.44
		For >25 To 50, Deduct	*-17.23*	
		For >50 To 100, Deduct	*-35.67*	
		For >100, Deduct	*-54.12*	
		For 14 Gauge Doors, Add	*51.69*	
10 51 13 00-0030	EA	15" x 18" x 72" Three Tier Institutional Or Corridor Locker	443.64	40.44
		For >25 To 50, Deduct	*-18.14*	
		For >50 To 100, Deduct	*-37.49*	
		For >100, Deduct	*-56.84*	
		For 14 Gauge Doors, Add	*54.42*	
10 51 13 00-0031		**Four Tier Institutional Or Corridor Locker** *(10 51 13 00-0001)*		
10 51 13 00-0032	EA	12" x 12" x 72" Four Tier Institutional Or Corridor Locker	365.54	41.62
		For >25 To 50, Deduct	*-14.11*	
		For >50 To 100, Deduct	*-29.48*	
		For >100, Deduct	*-44.84*	
10 51 13 00-0033	EA	12" x 15" x 72" Four Tier Institutional Or Corridor Locker	377.24	41.62
		For >25 To 50, Deduct	*-14.70*	
		For >50 To 100, Deduct	*-30.65*	
		For >100, Deduct	*-46.59*	
10 51 13 00-0034	EA	12" x 18" x 72" Four Tier Institutional Or Corridor Locker	396.06	41.62
		For >25 To 50, Deduct	*-15.64*	
		For >50 To 100, Deduct	*-32.53*	
		For >100, Deduct	*-49.42*	
10 51 13 00-0035	EA	15" x 15" x 72" Four Tier Institutional Or Corridor Locker	411.13	41.62
		For >25 To 50, Deduct	*-16.39*	
		For >50 To 100, Deduct	*-34.04*	
		For >100, Deduct	*-51.68*	
10 51 13 00-0036	EA	15" x 18" x 72" Four Tier Institutional Or Corridor Locker	432.82	41.62
		For >25 To 50, Deduct	*-17.48*	
		For >50 To 100, Deduct	*-36.20*	
		For >100, Deduct	*-54.93*	
10 51 13 00-0037		**Six Tier Institutional Or Corridor Locker** *(10 51 13 00-0001)*		
10 51 13 00-0038	EA	12" x 12" x 72" Six Tier Institutional Or Corridor Locker	397.35	42.82
		For >25 To 50, Deduct	*-15.59*	
		For >50 To 100, Deduct	*-32.46*	
		For >100, Deduct	*-49.33*	
10 51 13 00-0039	EA	12" x 15" x 72" Six Tier Institutional Or Corridor Locker	406.37	42.82
		For >25 To 50, Deduct	*-16.04*	
		For >50 To 100, Deduct	*-33.36*	
		For >100, Deduct	*-50.68*	
10 51 13 00-0040	EA	12" x 18" x 72" Six Tier Institutional Or Corridor Locker	423.41	42.82
		For >25 To 50, Deduct	*-16.89*	
		For >50 To 100, Deduct	*-35.06*	
		For >100, Deduct	*-53.24*	
10 51 13 00-0041		**Locker And Coat Rack Combination** *(10 51 13 00-0001)*		
10 51 13 00-0042	EA	45" x 18" x 12", 4 Person Wall Mount Locker And Coat Rack Combination	727.94	28.54
10 51 13 00-0043	EA	72" x 18" x 78", 16 Person Locker And Coat Rack Combination	1,165.88	59.46
10 51 13 00-0044		**Athletic Lockers** *(10 51 13)*		
		Note: Price per frame. Includes baked enamel paint, diamond perforated doors and sides, 16 gauge solid top, bottom, and shelves and 6" legs. Excludes slope top, base fillers, and locks.		
10 51 13 00-0045		**Single Tier Athletic Locker** *(10 51 13 00-0044)*		
		Note: Includes one hat shelf, three single hooks and one double hook.		
10 51 13 00-0046	EA	12" x 15" x 72" Single Tier Athletic Locker	416.96	38.06
		For >25 To 50, Deduct	*-17.04*	
		For >50 To 100, Deduct	*-35.23*	
		For >100, Deduct	*-53.41*	
10 51 13 00-0047	EA	12" x 18" x 72" Single Tier Athletic Locker	441.73	38.06
		For >25 To 50, Deduct	*-18.28*	
		For >50 To 100, Deduct	*-37.70*	
		For >100, Deduct	*-57.13*	
10 51 13 00-0048	EA	15" x 15" x 72" Single Tier Athletic Locker	450.43	38.06
		For >25 To 50, Deduct	*-18.72*	
		For >50 To 100, Deduct	*-38.57*	
		For >100, Deduct	*-58.43*	
10 51 13 00-0049	EA	15" x 18" x 72" Single Tier Athletic Locker	466.33	38.06
		For >25 To 50, Deduct	*-19.51*	
		For >50 To 100, Deduct	*-40.16*	
		For >100, Deduct	*-60.82*	
10 51 13 00-0050	EA	18" x 18" x 72" Single Tier Athletic Locker	505.53	38.06
		For >25 To 50, Deduct	*-21.47*	
		For >50 To 100, Deduct	*-44.08*	
		For >100, Deduct	*-66.70*	
10 51 13 00-0051	EA	18" x 21" x 72" Single Tier Athletic Locker	546.62	38.06
		For >25 To 50, Deduct	*-23.53*	
		For >50 To 100, Deduct	*-48.19*	
		For >100, Deduct	*-72.86*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 13 00-0052		**Two Tier Athletic Locker** *(10 51 13 00-0044)*		
		Note: Includes three single hooks and one double hook per tier.		
10 51 13 00-0053	EA	12" x 12" x 72" Two Tier Athletic Locker	465.85	39.25
		For >25 To 50, Deduct	*-19.37*	
		For >50 To 100, Deduct	*-39.91*	
		For >100, Deduct	*-60.46*	
10 51 13 00-0054	EA	12" x 15" x 72" Two Tier Athletic Locker	480.84	39.25
		For >25 To 50, Deduct	*-20.12*	
		For >50 To 100, Deduct	*-41.41*	
		For >100, Deduct	*-62.71*	
10 51 13 00-0055	EA	12" x 18" x 72" Two Tier Athletic Locker	501.27	39.25
		For >25 To 50, Deduct	*-21.14*	
		For >50 To 100, Deduct	*-43.45*	
		For >100, Deduct	*-65.77*	
10 51 13 00-0056	EA	15" x 15" x 72" Two Tier Athletic Locker	504.37	39.25
		For >25 To 50, Deduct	*-21.29*	
		For >50 To 100, Deduct	*-43.76*	
		For >100, Deduct	*-66.24*	
10 51 13 00-0057	EA	15" x 18" x 72" Two Tier Athletic Locker	521.16	39.25
		For >25 To 50, Deduct	*-22.13*	
		For >50 To 100, Deduct	*-45.44*	
		For >100, Deduct	*-68.75*	
10 51 13 00-0058	EA	18" x 18" x 72" Two Tier Athletic Locker	541.80	39.25
		For >25 To 50, Deduct	*-23.17*	
		For >50 To 100, Deduct	*-47.51*	
		For >100, Deduct	*-71.85*	
10 51 13 00-0059	EA	18" x 21" x 72" Two Tier Athletic Locker	588.10	39.25
		For >25 To 50, Deduct	*-25.48*	
		For >50 To 100, Deduct	*-52.14*	
		For >100, Deduct	*-78.80*	
10 51 13 00-0060		**Three Tier Athletic Locker** *(10 51 13 00-0044)*		
		Note: Includes one double hook per tier.		
10 51 13 00-0061	EA	12" x 12" x 72" Three Tier Athletic Locker	514.65	40.44
		For >25 To 50, Deduct	*-21.69*	
		For >50 To 100, Deduct	*-44.59*	
		For >100, Deduct	*-67.49*	
10 51 13 00-0062	EA	12" x 15" x 72" Three Tier Athletic Locker	536.07	40.44
		For >25 To 50, Deduct	*-22.76*	
		For >50 To 100, Deduct	*-46.73*	
		For >100, Deduct	*-70.71*	
10 51 13 00-0063	EA	12" x 18" x 72" Three Tier Athletic Locker	565.63	40.44
		For >25 To 50, Deduct	*-24.24*	
		For >50 To 100, Deduct	*-49.69*	
		For >100, Deduct	*-75.14*	
10 51 13 00-0064	EA	15" x 15" x 72" Three Tier Athletic Locker	580.76	40.44
		For >25 To 50, Deduct	*-24.99*	
		For >50 To 100, Deduct	*-51.20*	
		For >100, Deduct	*-77.41*	
10 51 13 00-0065	EA	15" x 18" x 72" Three Tier Athletic Locker	603.46	40.44
		For >25 To 50, Deduct	*-26.13*	
		For >50 To 100, Deduct	*-53.47*	
		For >100, Deduct	*-80.81*	
10 51 13 00-0066		**Four Tier Athletic Locker** *(10 51 13 00-0044)*		
10 51 13 00-0067	EA	12" x 12" x 72" Four Tier Athletic Locker	479.11	41.62
		For >25 To 50, Deduct	*-19.79*	
		For >50 To 100, Deduct	*-40.83*	
		For >100, Deduct	*-61.88*	
10 51 13 00-0068	EA	12" x 15" x 72" Four Tier Athletic Locker	508.58	41.62
		For >25 To 50, Deduct	*-21.27*	
		For >50 To 100, Deduct	*-43.78*	
		For >100, Deduct	*-66.30*	
10 51 13 00-0069	EA	12" x 18" x 72" Four Tier Athletic Locker	538.04	41.62
		For >25 To 50, Deduct	*-22.74*	
		For >50 To 100, Deduct	*-46.73*	
		For >100, Deduct	*-70.71*	
10 51 13 00-0070	EA	15" x 15" x 72" Four Tier Athletic Locker	553.14	41.62
		For >25 To 50, Deduct	*-23.49*	
		For >50 To 100, Deduct	*-48.24*	
		For >100, Deduct	*-72.98*	
10 51 13 00-0071	EA	15" x 18" x 72" Four Tier Athletic Locker	564.46	41.62
		For >25 To 50, Deduct	*-24.06*	
		For >50 To 100, Deduct	*-49.37*	
		For >100, Deduct	*-74.68*	
10 51 13 00-0072		**Six Tier Athletic Locker** *(10 51 13 00-0044)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 13 00-0073	EA	12" x 12" x 72" Six Tier Athletic Locker	531.04	42.82
		For >25 To 50, Deduct	*-22.27*	
		For >50 To 100, Deduct	*-45.83*	
		For >100, Deduct	*-69.38*	
10 51 13 00-0074	EA	12" x 15" x 72" Six Tier Athletic Locker	553.68	42.82
		For >25 To 50, Deduct	*-23.40*	
		For >50 To 100, Deduct	*-48.09*	
		For >100, Deduct	*-72.78*	
10 51 13 00-0075	EA	12" x 18" x 72" Six Tier Athletic Locker	576.28	42.82
		For >25 To 50, Deduct	*-24.53*	
		For >50 To 100, Deduct	*-50.35*	
		For >100, Deduct	*-76.17*	
10 51 13 00-0076	EA	12" x 21" x 72" Six Tier Athletic Locker	658.75	42.82
		For >25 To 50, Deduct	*-28.66*	
		For >50 To 100, Deduct	*-58.60*	
		For >100, Deduct	*-88.54*	
10 51 13 00-0077		Metal Locker Accessories *(10 51 13)*		
10 51 13 00-0078		Locker Slope Tops *(10 51 13 00-0077)*		
10 51 13 00-0079		16 Gauge Continuous Sloping Hood *(10 51 13 00-0078)*		
10 51 13 00-0080	LF	12" Deep, 16 Gauge Continuous Slope Top	33.66	4.76
10 51 13 00-0081	LF	15" Deep, 16 Gauge Continuous Slope Top	28.50	4.76
10 51 13 00-0082	LF	18" Deep, 16 Gauge Continuous Slope Top	38.93	4.76
10 51 13 00-0083	LF	21" Deep, 16 Gauge Continuous Slope Top	42.94	4.76
10 51 13 00-0084	LF	24" Deep, 16 Gauge Continuous Slope Top	44.82	4.76
10 51 13 00-0085		16 Gauge Slope Top Corner Fillers *(10 51 13 00-0078)*		
10 51 13 00-0086	EA	12" Deep, 16 Gauge Slope Top Corner Fillers	137.16	4.76
10 51 13 00-0087	EA	15" Deep, 16 Gauge Slope Top Corner Fillers	140.08	4.76
10 51 13 00-0088	EA	18" Deep, 16 Gauge Slope Top Corner Fillers	142.99	4.76
10 51 13 00-0089	EA	21" Deep, 16 Gauge Slope Top Corner Fillers	146.52	4.76
10 51 13 00-0090	EA	24" Deep, 16 Gauge Slope Top Corner Fillers	150.01	4.76
10 51 13 00-0091		20 Gauge Individual Slope Top *(10 51 13 00-0078)*		
10 51 13 00-0092	EA	12" Wide x 12" Deep 20 Gauge Individual Slope Top	29.01	4.76
10 51 13 00-0093	EA	12" Wide x 15" Deep 20 Gauge Individual Slope Top	28.82	4.76
10 51 13 00-0094	EA	12" Wide x 18" Deep 20 Gauge Individual Slope Top	31.99	4.76
10 51 13 00-0095	EA	15" Wide x 15" Deep 20 Gauge Individual Slope Top	31.99	4.76
10 51 13 00-0096	EA	15" Wide x 18" Deep 20 Gauge Individual Slope Top	32.75	4.76
10 51 13 00-0097	EA	15" Wide x 21" Deep 20 Gauge Individual Slope Top	35.75	4.76
10 51 13 00-0098	EA	18" Wide x 18" Deep 20 Gauge Individual Slope Top	35.75	4.76
10 51 13 00-0099	EA	18" Wide x 21" Deep 20 Gauge Individual Slope Top	39.69	4.76
10 51 13 00-0100	EA	18" Wide x 24" Deep 20 Gauge Individual Slope Top	44.39	4.76
10 51 13 00-0101		Continuous Slope Top End Closures *(10 51 13 00-0078)*		
10 51 13 00-0102	PR	12" Deep, Continuous Slope Top End Closures	30.88	4.76
10 51 13 00-0103	PR	15" Deep, Continuous Slope Top End Closures	26.35	4.76
10 51 13 00-0104	PR	18" Deep, Continuous Slope Top End Closures	34.62	4.76
10 51 13 00-0105	PR	21" Deep, Continuous Slope Top End Closures	36.50	4.76
10 51 13 00-0106	PR	24" Deep, Continuous Slope Top End Closures	37.79	4.76
10 51 13 00-0107		Individual Slope Top End Closures *(10 51 13 00-0078)*		
10 51 13 00-0108	EA	12" Deep, Individual Slope Top End Closures	20.20	4.76
10 51 13 00-0109	EA	15" Deep, Individual Slope Top End Closures	20.79	4.76
10 51 13 00-0110	EA	18" Deep, Individual Slope Top End Closures	22.09	4.76
10 51 13 00-0111	EA	21" Deep, Individual Slope Top End Closures	22.99	4.76
10 51 13 00-0112	EA	24" Deep, Individual Slope Top End Closures	32.24	4.76
10 51 13 00-0113		Locker Base *(10 51 13 00-0077)*		
10 51 13 00-0114		Closed Front Base *(10 51 13 00-0113)*		
10 51 13 00-0115	EA	12" Wide, 6" High Closed Front Base	21.20	4.76
10 51 13 00-0116	EA	15" Wide, 6" High Closed Front Base	22.18	4.76
10 51 13 00-0117	EA	18" Wide, 6" High Closed Front Base	24.22	4.76
10 51 13 00-0118	EA	24" Wide, 6" High Closed Front Base	25.20	4.76
10 51 13 00-0119		Closed End Base *(10 51 13 00-0113)*		
10 51 13 00-0120	EA	12" Deep, 6" High Closed End Base	23.92	4.76
10 51 13 00-0121	EA	15" Deep, 6" High Closed End Base	24.09	4.76
10 51 13 00-0122	EA	18" Deep, 6" High Closed End Base	25.41	4.76
10 51 13 00-0123	EA	21" Deep, 6" High Closed End Base	26.71	4.76
10 51 13 00-0124	EA	24" Deep, 6" High Closed End Base	28.48	4.76

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 13 00-0125		**Recessed Continuous Front "Z" Base** *(10 51 13 00-0113)*		
10 51 13 00-0126	LF	4" High Recessed Continuous Front "Z" Base	24.90	3.57
10 51 13 00-0127		**"Z" Base Ends Or Splice** *(10 51 13 00-0113)*		
10 51 13 00-0128	EA	12" Wide, 4" High Z-Base Ends Or Splice	24.97	4.76
10 51 13 00-0129	EA	15" Wide, 4" High Z-Base Ends Or Splice	28.82	4.76
10 51 13 00-0130	EA	18" Wide, 4" High Z-Base Ends Or Splice	32.75	4.76
10 51 13 00-0131	EA	21" Wide, 4" High Z-Base Ends Or Splice	36.88	4.76
10 51 13 00-0132	EA	24" Wide, 4" High Z-Base Ends Or Splice	41.00	4.76
10 51 13 00-0133		**Locker Front Fillers And End Panels** *(10 51 13 00-0077)*		
10 51 13 00-0134		**Locker Front Fillers** *(10 51 13 00-0133)*		
10 51 13 00-0135	EA	6" Wide x 60" High, 16 Gauge Front Filler	40.57	5.95
10 51 13 00-0136	EA	12" Wide x 60" High, 16 Gauge Front Filler	62.24	5.95
10 51 13 00-0137	EA	6" Wide x 66" High, 16 Gauge Front Filler	44.10	5.95
10 51 13 00-0138	EA	12" Wide x 66" High, 16 Gauge Front Filler	49.46	5.95
10 51 13 00-0139	EA	6" Wide x 72" High, 16 Gauge Front Filler	48.20	5.95
10 51 13 00-0140	EA	12" Wide x 72" High, 16 Gauge Front Filler	68.09	5.95
10 51 13 00-0141	EA	6" Wide x 78" High, 16 Gauge Front Filler	49.33	5.95
10 51 13 00-0142	EA	12" Wide x 78" High, 16 Gauge Front Filler	57.37	5.95
10 51 13 00-0143		**Locker End Panels** *(10 51 13 00-0133)*		
10 51 13 00-0144	EA	12" Deep x 60" High, 16 Gauge End Panel	62.36	4.76
10 51 13 00-0145	EA	15" Deep x 60" High, 16 Gauge End Panel	70.66	4.76
10 51 13 00-0146	EA	18" Deep x 60" High, 16 Gauge End Panel	83.72	4.76
10 51 13 00-0147	EA	12" Deep x 72" High, 16 Gauge End Panel	73.40	4.76
10 51 13 00-0148	EA	15" Deep x 72" High, 16 Gauge End Panel	83.49	4.76
10 51 13 00-0149	EA	18" Deep x 72" High, 16 Gauge End Panel	96.93	4.76
10 51 13 00-0150	EA	21" Deep x 72" High, 16 Gauge End Panel	111.52	4.76
10 51 13 00-0151		**Locker Recessed Trim** *(10 51 13 00-0077)*		
10 51 13 00-0152	LF	3" Height, Top Trim For Recessed Lockers	11.04	2.37
10 51 13 00-0153	EA	3" Height, Inside And Outside Top Corner Trim For Recessed Lockers	30.28	4.76
10 51 13 00-0154	EA	60" Height, 3" Wide Side Trim For Recessed Lockers	45.85	4.76
10 51 13 00-0155	EA	66" Height, 3" Wide Side Trim For Recessed Lockers	47.49	4.76
10 51 13 00-0156	EA	72" Height, 3" Wide Side Trim For Recessed Lockers	49.13	4.76
10 51 13 00-0157	EA	78" Height, 3" Wide Side Trim For Recessed Lockers	50.56	4.76
10 51 13 00-0158		**Locker Interior Accessories** *(10 51 13 00-0077)*		
10 51 13 00-0159		**Locker Coat Rods** *(10 51 13 00-0158)*		
10 51 13 00-0160	EA	12" Wide Coat Rod	16.59	4.76
10 51 13 00-0161	EA	15" Wide Coat Rod	18.11	4.76
10 51 13 00-0162	EA	18" Wide Coat Rod	19.47	4.76
10 51 13 00-0163	EA	24" Wide Coat Rod	20.67	4.76
10 51 13 00-0164		**Locker Hat Shelf** *(10 51 13 00-0158)*		
10 51 13 00-0165	EA	12" Wide Hat Shelf	19.80	4.76
10 51 13 00-0166	EA	15" Wide Hat Shelf	23.11	4.76
10 51 13 00-0167	EA	18" Wide Hat Shelf	24.50	4.76
10 51 13 00-0168	EA	24" Wide Hat Shelf	30.01	4.76
10 51 13 00-0169		**Locker ADA Compliant Shelf** *(10 51 13 00-0158)*		
10 51 13 00-0170	EA	ADA Compliant Shelf For Single Tier Lockers Note: Includes an ADA label for locker face.	38.65	5.95
10 51 13 00-0171		**Other Interior Locker Accessories** *(10 51 13 00-0158)*		
10 51 13 00-0172	EA	3" x 10" Bent Plate Shoe Rack	50.69	4.76
10 51 13 00-0173	EA	8" x 10" Mirror	40.40	4.76
10 51 13 00-0174	EA	Additional Hook	12.09	4.76
10 51 13 00-0175		**Locker Locks** *(10 51 13 00-0077)*		
10 51 13 00-0176	EA	Built In Combination Lock	44.24	4.76
10 51 13 00-0177		**Steel Basket Racks Mounted On Concrete Base** *(10 51 13)* Note: Includes electroplated baskets with 3/4" x 1" wire mesh sides and bottom with perforated sheet steel front and backs.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 13 00-0178	EA	9" x 13" x 8" Baskets, 28 Wire Mesh Baskets And Rack	2,051.85	89.20
10 51 13 00-0179	EA	12" x 13" x 8" Baskets, 21 Wire Mesh Baskets And Rack	1,755.87	89.20

10 51 13 00-0180 All-Welded Steel Lockers *(10 51 13)*

10 51 13 00-0181 All Welded Locker Accessories *(10 51 13 00-0180)*

10 51 13 00-0182	EA	ADA Requirements For All Welded Lockers	128.00	
10 51 13 00-0183	EA	Solid Boxed End Panel For 12" Deep All Welded Lockers	207.01	4.76
10 51 13 00-0184	EA	Solid Boxed End Panel For 15" Deep All Welded Lockers	239.93	4.76
10 51 13 00-0185	EA	Recessed Trim For All Welded Lockers	146.06	4.76
10 51 13 00-0186	EA	Built In Combination Lock For All Welded Lockers	44.24	4.76
10 51 13 00-0187	EA	Pad Lock For All Welded Lockers	40.00	4.76

10 51 13 00-0188 All-Welded Corridor Lockers *(10 51 13)*

Note: Price per frame. Includes powder coat finish. Excludes slope top, base fillers, and locks.

10 51 13 00-0189 Single Tier, All-Welded Corridor Lockers *(10 51 13 00-0188)*

Note: Includes one hat shelf, two single wall hooks and one double ceiling hook.

10 51 13 00-0190	EA	12" x 12" x 60" Single Tier, All-Welded Corridor Locker	707.66	36.86
		For >50 To 100, Deduct	*-64.50*	
		For >100, Deduct	*-97.30*	
		For 4" Metal Base, Add	*15.85*	
		For Slope Top, Add	*47.54*	
		For Electrogalvanized Finish, Add	*95.09*	
10 51 13 00-0191	EA	15" x 12" x 60" Single Tier, All-Welded Corridor Locker	805.18	36.86
		For >50 To 100, Deduct	*-74.25*	
		For >100, Deduct	*-111.93*	
		For 4" Metal Base, Add	*18.29*	
		For Slope Top, Add	*54.86*	
		For Electrogalvanized Finish, Add	*109.72*	
10 51 13 00-0192	EA	15" x 15" x 60" Single Tier, All-Welded Corridor Locker	988.36	36.86
		For >50 To 100, Deduct	*-92.57*	
		For >100, Deduct	*-139.41*	
		For 4" Metal Base, Add	*22.87*	
		For Slope Top, Add	*68.60*	
		For Electrogalvanized Finish, Add	*137.19*	
10 51 13 00-0193	EA	12" x 12" x 72" Single Tier, All-Welded Corridor Locker	733.51	38.06
		For >50 To 100, Deduct	*-66.88*	
		For >100, Deduct	*-100.89*	
		For 4" Metal Base, Add	*16.44*	
		For Slope Top, Add	*49.31*	
		For Electrogalvanized Finish, Add	*98.61*	
10 51 13 00-0194	EA	15" x 12" x 72" Single Tier, All-Welded Corridor Locker	840.47	38.06
		For >50 To 100, Deduct	*-77.58*	
		For >100, Deduct	*-116.94*	
		For 4" Metal Base, Add	*19.11*	
		For Slope Top, Add	*57.33*	
		For Electrogalvanized Finish, Add	*114.65*	
10 51 13 00-0195	EA	15" x 15" x 72" Single Tier, All-Welded Corridor Locker	1,025.92	38.06
		For >50 To 100, Deduct	*-96.12*	
		For >100, Deduct	*-144.75*	
		For 4" Metal Base, Add	*23.75*	
		For Slope Top, Add	*71.24*	
		For Electrogalvanized Finish, Add	*142.47*	

10 51 26 Plastic Lockers *(10 51)*

10 51 26 00-0001 Solid Plastic Lockers *(10 51 26)*

Note: Price per frame. High density polyethylene with homogeneous color throughout. Includes 1/2" door, 3/8" sides, tops, bottoms, rears and shelves. Excludes slope top, base, and locks.

10 51 26 00-0002 Single Tier Solid Plastic Lockers *(10 51 26 00-0001)*

Note: Includes one double hook per tier.

10 51 26 00-0003	EA	12" x 12" x 36" Single Tier Solid Plastic Locker (Tufftec Lockers®)	681.34	36.86
		For >50 To 100, Deduct	*-60.76*	
		For >100, Deduct	*-93.35*	
10 51 26 00-0004	EA	12" x 15" x 36" Single Tier Solid Plastic Locker (Tufftec Lockers®)	693.53	36.86
		For >50 To 100, Deduct	*-61.98*	
		For >100, Deduct	*-95.18*	
10 51 26 00-0005	EA	12" x 18" x 36" Single Tier Solid Plastic Locker (Tufftec Lockers®)	705.72	36.86
		For >50 To 100, Deduct	*-63.20*	
		For >100, Deduct	*-97.01*	
10 51 26 00-0006	EA	15" x 15" x 36" Single Tier Solid Plastic Locker (Tufftec Lockers®)	724.00	36.86
		For >50 To 100, Deduct	*-65.03*	
		For >100, Deduct	*-99.75*	
10 51 26 00-0007	EA	15" x 18" x 36" Single Tier Solid Plastic Locker (Tufftec Lockers®)	704.67	36.86
		For >50 To 100, Deduct	*-63.09*	
		For >100, Deduct	*-96.85*	
10 51 26 00-0008	EA	18" x 12" x 36" Single Tier Solid Plastic Locker (Tufftec Lockers®)	709.80	36.86
		For >50 To 100, Deduct	*-63.61*	
		For >100, Deduct	*-97.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 26 00-0009	EA	18" x 15" x 36" Single Tier Solid Plastic Locker (Tufftec Lockers®)	700.78	36.86
		For >50 To 100, Deduct	*-62.70*	
		For >100, Deduct	*-96.27*	
10 51 26 00-0010	EA	18" x 18" x 36" Single Tier Solid Plastic Locker (Tufftec Lockers®)	751.11	36.86
		For >50 To 100, Deduct	*-67.74*	
		For >100, Deduct	*-103.82*	
10 51 26 00-0011	EA	12" x 12" x 48" Single Tier Solid Plastic Locker (Tufftec Lockers®)	739.50	36.86
		For >50 To 100, Deduct	*-66.58*	
		For >100, Deduct	*-102.08*	
10 51 26 00-0012	EA	12" x 15" x 48" Single Tier Solid Plastic Locker (Tufftec Lockers®)	753.04	36.86
		For >50 To 100, Deduct	*-67.93*	
		For >100, Deduct	*-104.11*	
10 51 26 00-0013	EA	12" x 18" x 48" Single Tier Solid Plastic Locker (Tufftec Lockers®)	766.58	36.86
		For >50 To 100, Deduct	*-69.28*	
		For >100, Deduct	*-106.14*	
10 51 26 00-0014	EA	15" x 15" x 48" Single Tier Solid Plastic Locker (Tufftec Lockers®)	797.56	36.86
		For >50 To 100, Deduct	*-72.38*	
		For >100, Deduct	*-110.79*	
10 51 26 00-0015	EA	15" x 18" x 48" Single Tier Solid Plastic Locker (Tufftec Lockers®)	840.14	36.86
		For >50 To 100, Deduct	*-76.64*	
		For >100, Deduct	*-117.17*	
10 51 26 00-0016	EA	18" x 15" x 48" Single Tier Solid Plastic Locker (Tufftec Lockers®)	801.42	36.86
		For >50 To 100, Deduct	*-72.77*	
		For >100, Deduct	*-111.36*	
10 51 26 00-0017	EA	18" x 18" x 48" Single Tier Solid Plastic Locker (Tufftec Lockers®)	871.09	36.86
		For >50 To 100, Deduct	*-79.74*	
		For >100, Deduct	*-121.81*	
10 51 26 00-0018	EA	12" x 12" x 60" Single Tier Solid Plastic Locker (Tufftec Lockers®)	744.90	36.86
		For >50 To 100, Deduct	*-67.12*	
		For >100, Deduct	*-102.89*	
10 51 26 00-0019	EA	12" x 15" x 60" Single Tier Solid Plastic Locker (Tufftec Lockers®)	784.60	36.86
		For >50 To 100, Deduct	*-71.09*	
		For >100, Deduct	*-108.84*	
10 51 26 00-0020	EA	12" x 18" x 60" Single Tier Solid Plastic Locker (Tufftec Lockers®)	824.32	36.86
		For >50 To 100, Deduct	*-75.06*	
		For >100, Deduct	*-114.80*	
10 51 26 00-0021	EA	15" x 12" x 60" Single Tier Solid Plastic Locker (Tufftec Lockers®)	795.23	36.86
		For >50 To 100, Deduct	*-72.15*	
		For >100, Deduct	*-110.44*	
10 51 26 00-0022	EA	15" x 15" x 60" Single Tier Solid Plastic Locker (Tufftec Lockers®)	837.31	36.86
		For >50 To 100, Deduct	*-76.36*	
		For >100, Deduct	*-116.75*	
10 51 26 00-0023	EA	15" x 18" x 60" Single Tier Solid Plastic Locker (Tufftec Lockers®)	879.42	36.86
		For >50 To 100, Deduct	*-80.57*	
		For >100, Deduct	*-123.06*	
10 51 26 00-0024	EA	18" x 12" x 60" Single Tier Solid Plastic Locker (Tufftec Lockers®)	845.56	36.86
		For >50 To 100, Deduct	*-77.18*	
		For >100, Deduct	*-117.99*	
10 51 26 00-0025	EA	18" x 15" x 60" Single Tier Solid Plastic Locker (Tufftec Lockers®)	890.05	36.86
		For >50 To 100, Deduct	*-81.63*	
		For >100, Deduct	*-124.66*	
10 51 26 00-0026	EA	12" x 12" x 72" Single Tier Solid Plastic Locker (Tufftec Lockers®)	852.72	38.06
		For >50 To 100, Deduct	*-77.66*	
		For >100, Deduct	*-118.77*	
10 51 26 00-0027	EA	12" x 15" x 72" Single Tier Solid Plastic Locker (Tufftec Lockers®)	897.23	38.06
		For >50 To 100, Deduct	*-82.11*	
		For >100, Deduct	*-125.45*	
10 51 26 00-0028	EA	12" x 18" x 72" Single Tier Solid Plastic Locker (Tufftec Lockers®)	941.70	38.06
		For >50 To 100, Deduct	*-86.56*	
		For >100, Deduct	*-132.12*	
10 51 26 00-0029	EA	15" x 12" x 72" Single Tier Solid Plastic Locker (Tufftec Lockers®)	910.49	38.06
		For >50 To 100, Deduct	*-83.44*	
		For >100, Deduct	*-127.44*	
10 51 26 00-0030	EA	15" x 15" x 72" Single Tier Solid Plastic Locker (Tufftec Lockers®)	957.43	38.06
		For >50 To 100, Deduct	*-88.13*	
		For >100, Deduct	*-134.48*	
10 51 26 00-0031	EA	15" x 18" x 72" Single Tier Solid Plastic Locker (Tufftec Lockers®)	1,004.33	38.06
		For >50 To 100, Deduct	*-92.82*	
		For >100, Deduct	*-141.52*	
10 51 26 00-0032	EA	18" x 12" x 72" Single Tier Solid Plastic Locker (Tufftec Lockers®)	956.53	38.06
		For >50 To 100, Deduct	*-88.04*	
		For >100, Deduct	*-134.35*	
10 51 26 00-0033	EA	18" x 15" x 72" Single Tier Solid Plastic Locker (Tufftec Lockers®)	1,017.58	38.06
		For >50 To 100, Deduct	*-94.15*	
		For >100, Deduct	*-143.50*	
10 51 26 00-0034	EA	18" x 18" x 72" Single Tier Solid Plastic Locker (Tufftec Lockers®)	1,066.88	38.06
		For >50 To 100, Deduct	*-99.08*	
		For >100, Deduct	*-150.90*	

10 51 26 00-0035 Double Tier Solid Plastic Lockers *(10 51 26 00-0001)*

Note: Includes one double hook per tier.

10 51 26 00-0036	EA	12" x 12" x 48" Double Tier Solid Plastic Locker (Tufftec Lockers®)	765.09	38.06
		For >50 To 100, Deduct	*-68.90*	
		For >100, Deduct	*-105.63*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 26 00-0037	EA	12" x 15" x 48" Double Tier Solid Plastic Locker (Tufftec Lockers®)	776.70	38.06
		For >50 To 100, Deduct	*-70.06*	
		For >100, Deduct	*-107.37*	
10 51 26 00-0038	EA	12" x 18" x 48" Double Tier Solid Plastic Locker (Tufftec Lockers®)	794.11	38.06
		For >50 To 100, Deduct	*-71.80*	
		For >100, Deduct	*-109.98*	
10 51 26 00-0039	EA	15" x 12" x 48" Double Tier Solid Plastic Locker (Tufftec Lockers®)	788.32	38.06
		For >50 To 100, Deduct	*-71.22*	
		For >100, Deduct	*-109.11*	
10 51 26 00-0040	EA	15" x 15" x 48" Double Tier Solid Plastic Locker (Tufftec Lockers®)	819.29	38.06
		For >50 To 100, Deduct	*-74.32*	
		For >100, Deduct	*-113.76*	
10 51 26 00-0041	EA	15" x 18" x 48" Double Tier Solid Plastic Locker (Tufftec Lockers®)	892.82	38.06
		For >50 To 100, Deduct	*-81.67*	
		For >100, Deduct	*-124.79*	
10 51 26 00-0042	EA	18" x 12" x 48" Double Tier Solid Plastic Locker (Tufftec Lockers®)	796.07	38.06
		For >50 To 100, Deduct	*-72.00*	
		For >100, Deduct	*-110.28*	
10 51 26 00-0043	EA	18" x 15" x 48" Double Tier Solid Plastic Locker (Tufftec Lockers®)	833.52	38.06
		For >50 To 100, Deduct	*-75.74*	
		For >100, Deduct	*-115.89*	
10 51 26 00-0044	EA	18" x 18" x 48" Double Tier Solid Plastic Locker (Tufftec Lockers®)	900.57	38.06
		For >50 To 100, Deduct	*-82.45*	
		For >100, Deduct	*-125.95*	
10 51 26 00-0045	EA	12" x 12" x 60" Double Tier Solid Plastic Locker (Tufftec Lockers®)	791.73	38.06
		For >50 To 100, Deduct	*-71.56*	
		For >100, Deduct	*-109.63*	
10 51 26 00-0046	EA	12" x 15" x 60" Double Tier Solid Plastic Locker (Tufftec Lockers®)	852.35	38.06
		For >50 To 100, Deduct	*-77.62*	
		For >100, Deduct	*-118.72*	
10 51 26 00-0047	EA	12" x 18" x 60" Double Tier Solid Plastic Locker (Tufftec Lockers®)	869.67	38.06
		For >50 To 100, Deduct	*-79.36*	
		For >100, Deduct	*-121.32*	
10 51 26 00-0048	EA	15" x 12" x 60" Double Tier Solid Plastic Locker (Tufftec Lockers®)	862.48	38.06
		For >50 To 100, Deduct	*-78.64*	
		For >100, Deduct	*-120.24*	
10 51 26 00-0049	EA	15" x 15" x 60" Double Tier Solid Plastic Locker (Tufftec Lockers®)	902.66	38.06
		For >50 To 100, Deduct	*-82.66*	
		For >100, Deduct	*-126.27*	
10 51 26 00-0050	EA	18" x 12" x 60" Double Tier Solid Plastic Locker (Tufftec Lockers®)	910.51	38.06
		For >50 To 100, Deduct	*-83.44*	
		For >100, Deduct	*-127.44*	
10 51 26 00-0051	EA	18" x 15" x 60" Double Tier Solid Plastic Locker (Tufftec Lockers®)	952.99	38.06
		For >50 To 100, Deduct	*-87.69*	
		For >100, Deduct	*-133.82*	
10 51 26 00-0052	EA	18" x 18" x 60" Double Tier Solid Plastic Locker (Tufftec Lockers®)	995.47	38.06
		For >50 To 100, Deduct	*-91.94*	
		For >100, Deduct	*-140.19*	
10 51 26 00-0053	EA	12" x 12" x 72" Double Tier Solid Plastic Locker (Tufftec Lockers®)	917.48	39.25
		For >50 To 100, Deduct	*-83.90*	
		For >100, Deduct	*-128.20*	
10 51 26 00-0054	EA	12" x 15" x 72" Double Tier Solid Plastic Locker (Tufftec Lockers®)	959.96	39.25
		For >50 To 100, Deduct	*-88.15*	
		For >100, Deduct	*-134.57*	
10 51 26 00-0055	EA	12" x 18" x 72" Double Tier Solid Plastic Locker (Tufftec Lockers®)	982.09	39.25
		For >50 To 100, Deduct	*-90.36*	
		For >100, Deduct	*-137.89*	
10 51 26 00-0056	EA	15" x 12" x 72" Double Tier Solid Plastic Locker (Tufftec Lockers®)	972.63	39.25
		For >50 To 100, Deduct	*-89.41*	
		For >100, Deduct	*-136.47*	
10 51 26 00-0057	EA	15" x 15" x 72" Double Tier Solid Plastic Locker (Tufftec Lockers®)	1,017.43	39.25
		For >50 To 100, Deduct	*-93.89*	
		For >100, Deduct	*-143.19*	
10 51 26 00-0058	EA	15" x 18" x 72" Double Tier Solid Plastic Locker (Tufftec Lockers®)	1,062.21	39.25
		For >50 To 100, Deduct	*-98.37*	
		For >100, Deduct	*-149.91*	
10 51 26 00-0059	EA	18" x 12" x 72" Double Tier Solid Plastic Locker (Tufftec Lockers®)	980.64	39.25
		For >50 To 100, Deduct	*-90.21*	
		For >100, Deduct	*-137.68*	
10 51 26 00-0060	EA	18" x 15" x 72" Double Tier Solid Plastic Locker (Tufftec Lockers®)	1,074.85	39.25
		For >50 To 100, Deduct	*-99.64*	
		For >100, Deduct	*-151.81*	
10 51 26 00-0061	EA	18" x 18" x 72" Double Tier Solid Plastic Locker (Tufftec Lockers®)	1,121.91	39.25
		For >50 To 100, Deduct	*-104.34*	
		For >100, Deduct	*-158.87*	

10 51 26 00-0062 Triple Tier Solid Plastic Lockers *(10 51 26 00-0001)*

Note: Includes one double hook per tier.

10 51 26 00-0063	EA	12" x 12" x 48" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	752.96	39.25
		For >50 To 100, Deduct	*-67.45*	
		For >100, Deduct	*-103.52*	
10 51 26 00-0064	EA	15" x 15" x 48" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	784.83	39.25
		For >50 To 100, Deduct	*-70.63*	
		For >100, Deduct	*-108.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 26 00-0065	EA	15" x 18" x 48" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	814.06	39.25
		For >50 To 100, Deduct	*-73.56*	
		For >100, Deduct	*-112.69*	
10 51 26 00-0066	EA	12" x 12" x 60" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	819.72	39.25
		For >50 To 100, Deduct	*-74.12*	
		For >100, Deduct	*-113.54*	
10 51 26 00-0067	EA	12" x 15" x 60" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	887.83	39.25
		For >50 To 100, Deduct	*-80.93*	
		For >100, Deduct	*-123.75*	
10 51 26 00-0068	EA	12" x 18" x 60" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	888.15	39.25
		For >50 To 100, Deduct	*-80.97*	
		For >100, Deduct	*-123.80*	
10 51 26 00-0069	EA	15" x 12" x 60" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	925.31	39.25
		For >50 To 100, Deduct	*-84.68*	
		For >100, Deduct	*-129.38*	
10 51 26 00-0070	EA	15" x 15" x 60" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	962.63	39.25
		For >50 To 100, Deduct	*-88.41*	
		For >100, Deduct	*-134.97*	
10 51 26 00-0071	EA	15" x 18" x 60" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	999.92	39.25
		For >50 To 100, Deduct	*-92.14*	
		For >100, Deduct	*-140.57*	
10 51 26 00-0072	EA	18" x 12" x 60" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	969.93	39.25
		For >50 To 100, Deduct	*-89.14*	
		For >100, Deduct	*-136.07*	
10 51 26 00-0073	EA	18" x 15" x 60" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	1,009.36	39.25
		For >50 To 100, Deduct	*-93.09*	
		For >100, Deduct	*-141.98*	
10 51 26 00-0074	EA	18" x 18" x 60" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	1,048.80	39.25
		For >50 To 100, Deduct	*-97.03*	
		For >100, Deduct	*-147.90*	
10 51 26 00-0075	EA	12" x 12" x 72" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	976.53	40.44
		For >50 To 100, Deduct	*-89.57*	
		For >100, Deduct	*-136.78*	
10 51 26 00-0076	EA	12" x 15" x 72" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	1,015.99	40.44
		For >50 To 100, Deduct	*-93.51*	
		For >100, Deduct	*-142.69*	
10 51 26 00-0077	EA	12" x 18" x 72" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	1,043.68	40.44
		For >50 To 100, Deduct	*-96.28*	
		For >100, Deduct	*-146.85*	
10 51 26 00-0078	EA	15" x 12" x 72" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	1,027.74	40.44
		For >50 To 100, Deduct	*-94.69*	
		For >100, Deduct	*-144.46*	
10 51 26 00-0079	EA	15" x 15" x 72" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	1,040.25	40.44
		For >50 To 100, Deduct	*-95.94*	
		For >100, Deduct	*-146.33*	
10 51 26 00-0080	EA	15" x 18" x 72" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	1,085.32	40.44
		For >50 To 100, Deduct	*-100.45*	
		For >100, Deduct	*-153.09*	
10 51 26 00-0081	EA	18" x 12" x 72" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	1,009.83	40.44
		For >50 To 100, Deduct	*-92.90*	
		For >100, Deduct	*-141.77*	
10 51 26 00-0082	EA	18" x 15" x 72" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	1,101.48	40.44
		For >50 To 100, Deduct	*-102.06*	
		For >100, Deduct	*-155.52*	
10 51 26 00-0083	EA	18" x 18" x 72" Triple Tier Solid Plastic Locker (Tufftec Lockers®)	1,166.36	40.44
		For >50 To 100, Deduct	*-108.55*	
		For >100, Deduct	*-165.25*	

10 51 26 00-0084 Four Tier Solid Plastic Lockers *(10 51 26 00-0001)*

10 51 26 00-0085	EA	12" x 12" x 60" Four Tier Solid Plastic Locker (Tufftec Lockers®)	876.29	40.44
		For >50 To 100, Deduct	*-79.54*	
		For >100, Deduct	*-121.74*	
10 51 26 00-0086	EA	12" x 15" x 60" Four Tier Solid Plastic Locker (Tufftec Lockers®)	902.15	40.44
		For >50 To 100, Deduct	*-82.13*	
		For >100, Deduct	*-125.62*	
10 51 26 00-0087	EA	12" x 18" x 60" Four Tier Solid Plastic Locker (Tufftec Lockers®)	949.84	40.44
		For >50 To 100, Deduct	*-86.90*	
		For >100, Deduct	*-132.77*	
10 51 26 00-0088	EA	15" x 12" x 60" Four Tier Solid Plastic Locker (Tufftec Lockers®)	944.02	40.44
		For >50 To 100, Deduct	*-86.32*	
		For >100, Deduct	*-131.90*	
10 51 26 00-0089	EA	15" x 15" x 60" Four Tier Solid Plastic Locker (Tufftec Lockers®)	1,005.81	40.44
		For >50 To 100, Deduct	*-92.49*	
		For >100, Deduct	*-141.17*	
10 51 26 00-0090	EA	15" x 18" x 60" Four Tier Solid Plastic Locker (Tufftec Lockers®)	1,025.30	40.44
		For >50 To 100, Deduct	*-94.44*	
		For >100, Deduct	*-144.09*	
10 51 26 00-0091	EA	18" x 12" x 60" Four Tier Solid Plastic Locker (Tufftec Lockers®)	1,015.62	40.44
		For >50 To 100, Deduct	*-93.48*	
		For >100, Deduct	*-142.64*	
10 51 26 00-0092	EA	18" x 15" x 60" Four Tier Solid Plastic Locker (Tufftec Lockers®)	1,048.53	40.44
		For >50 To 100, Deduct	*-96.77*	
		For >100, Deduct	*-147.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 26 00-0093	EA	18" x 18" x 60" Four Tier Solid Plastic Locker (Tufftec Lockers®)	1,143.37	40.44
		For >50 To 100, Deduct	*-106.25*	
		For >100, Deduct	*-161.80*	
10 51 26 00-0094	EA	12" x 12" x 72" Four Tier Solid Plastic Locker (Tufftec Lockers®)	1,010.18	41.62
		For >50 To 100, Deduct	*-92.69*	
		For >100, Deduct	*-141.54*	
10 51 26 00-0095	EA	12" x 15" x 72" Four Tier Solid Plastic Locker (Tufftec Lockers®)	1,056.05	41.62
		For >50 To 100, Deduct	*-97.28*	
		For >100, Deduct	*-148.42*	
10 51 26 00-0096	EA	12" x 18" x 72" Four Tier Solid Plastic Locker (Tufftec Lockers®)	1,062.02	41.62
		For >50 To 100, Deduct	*-97.88*	
		For >100, Deduct	*-149.31*	
10 51 26 00-0097	EA	15" x 12" x 72" Four Tier Solid Plastic Locker (Tufftec Lockers®)	1,119.82	41.62
		For >50 To 100, Deduct	*-103.66*	
		For >100, Deduct	*-157.98*	
10 51 26 00-0098	EA	15" x 15" x 72" Four Tier Solid Plastic Locker (Tufftec Lockers®)	1,066.34	41.62
		For >50 To 100, Deduct	*-98.31*	
		For >100, Deduct	*-149.96*	
10 51 26 00-0099	EA	15" x 18" x 72" Four Tier Solid Plastic Locker (Tufftec Lockers®)	1,114.79	41.62
		For >50 To 100, Deduct	*-103.15*	
		For >100, Deduct	*-157.23*	
10 51 26 00-0100	EA	18" x 12" x 72" Four Tier Solid Plastic Locker (Tufftec Lockers®)	1,064.48	41.62
		For >50 To 100, Deduct	*-98.12*	
		For >100, Deduct	*-149.68*	
10 51 26 00-0101	EA	18" x 15" x 72" Four Tier Solid Plastic Locker (Tufftec Lockers®)	1,122.54	41.62
		For >50 To 100, Deduct	*-103.93*	
		For >100, Deduct	*-158.39*	
10 51 26 00-0102	EA	18" x 18" x 72" Four Tier Solid Plastic Locker (Tufftec Lockers®)	1,209.53	41.62
		For >50 To 100, Deduct	*-112.63*	
		For >100, Deduct	*-171.44*	
10 51 26 00-0103		**Five Tier Solid Plastic Lockers** *(10 51 26 00-0001)*		
10 51 26 00-0104	EA	12" x 12" x 60" Five Tier Solid Plastic Locker (Tufftec Lockers®)	953.81	41.03
		For >50 To 100, Deduct	*-87.18*	
		For >100, Deduct	*-133.22*	
10 51 26 00-0105	EA	12" x 15" x 60" Five Tier Solid Plastic Locker (Tufftec Lockers®)	985.84	41.03
		For >50 To 100, Deduct	*-90.38*	
		For >100, Deduct	*-138.03*	
10 51 26 00-0106	EA	12" x 18" x 60" Five Tier Solid Plastic Locker (Tufftec Lockers®)	1,017.87	41.03
		For >50 To 100, Deduct	*-93.58*	
		For >100, Deduct	*-142.83*	
10 51 26 00-0107	EA	15" x 12" x 60" Five Tier Solid Plastic Locker (Tufftec Lockers®)	997.48	41.03
		For >50 To 100, Deduct	*-91.54*	
		For >100, Deduct	*-139.77*	
10 51 26 00-0108	EA	15" x 15" x 60" Five Tier Solid Plastic Locker (Tufftec Lockers®)	1,054.85	41.03
		For >50 To 100, Deduct	*-97.28*	
		For >100, Deduct	*-148.38*	
10 51 26 00-0109	EA	15" x 18" x 60" Five Tier Solid Plastic Locker (Tufftec Lockers®)	1,082.62	41.03
		For >50 To 100, Deduct	*-100.06*	
		For >100, Deduct	*-152.55*	
10 51 26 00-0110	EA	18" x 12" x 60" Five Tier Solid Plastic Locker (Tufftec Lockers®)	1,072.94	41.03
		For >50 To 100, Deduct	*-99.09*	
		For >100, Deduct	*-151.09*	
10 51 26 00-0111	EA	18" x 15" x 60" Five Tier Solid Plastic Locker (Tufftec Lockers®)	1,103.91	41.03
		For >50 To 100, Deduct	*-102.19*	
		For >100, Deduct	*-155.74*	
10 51 26 00-0112	EA	18" x 18" x 60" Five Tier Solid Plastic Locker (Tufftec Lockers®)	1,204.55	41.03
		For >50 To 100, Deduct	*-112.25*	
		For >100, Deduct	*-170.84*	
10 51 26 00-0113	EA	12" x 12" x 72" Five Tier Solid Plastic Locker (Tufftec Lockers®)	1,041.25	42.22
		For >50 To 100, Deduct	*-95.68*	
		For >100, Deduct	*-146.05*	
10 51 26 00-0114	EA	12" x 15" x 72" Five Tier Solid Plastic Locker (Tufftec Lockers®)	1,077.17	42.22
		For >50 To 100, Deduct	*-99.27*	
		For >100, Deduct	*-151.44*	
10 51 26 00-0115	EA	12" x 18" x 72" Five Tier Solid Plastic Locker (Tufftec Lockers®)	1,113.06	42.22
		For >50 To 100, Deduct	*-102.86*	
		For >100, Deduct	*-156.83*	
10 51 26 00-0116	EA	15" x 12" x 72" Five Tier Solid Plastic Locker (Tufftec Lockers®)	1,100.50	42.22
		For >50 To 100, Deduct	*-101.61*	
		For >100, Deduct	*-154.94*	
10 51 26 00-0117	EA	15" x 15" x 72" Five Tier Solid Plastic Locker (Tufftec Lockers®)	1,125.76	42.22
		For >50 To 100, Deduct	*-104.13*	
		For >100, Deduct	*-158.73*	
10 51 26 00-0118	EA	15" x 18" x 72" Five Tier Solid Plastic Locker (Tufftec Lockers®)	1,163.58	42.22
		For >50 To 100, Deduct	*-107.91*	
		For >100, Deduct	*-164.40*	
10 51 26 00-0119	EA	18" x 12" x 72" Five Tier Solid Plastic Locker (Tufftec Lockers®)	1,134.51	42.22
		For >50 To 100, Deduct	*-105.01*	
		For >100, Deduct	*-160.04*	
10 51 26 00-0120	EA	18" x 15" x 72" Five Tier Solid Plastic Locker (Tufftec Lockers®)	1,177.89	42.22
		For >50 To 100, Deduct	*-109.35*	
		For >100, Deduct	*-166.55*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 26 00-0121	EA	18" x 18" x 72" Five Tier Solid Plastic Locker (Tufftec Lockers®)	1,228.22	42.22
		For >50 To 100, Deduct	*-114.38*	
		For >100, Deduct	*-174.10*	
10 51 26 00-0122		**Six Tier Solid Plastic Lockers** *(10 51 26 00-0001)*		
10 51 26 00-0123	EA	15" x 12" x 60" Six Tier Solid Plastic Locker (Tufftec Lockers®)	1,101.38	41.62
		For >50 To 100, Deduct	*-101.81*	
		For >100, Deduct	*-155.22*	
10 51 26 00-0124	EA	12" x 12" x 72" Six Tier Solid Plastic Locker (Tufftec Lockers®)	1,080.34	42.82
		For >50 To 100, Deduct	*-99.47*	
		For >100, Deduct	*-151.78*	
10 51 26 00-0125	EA	12" x 15" x 72" Six Tier Solid Plastic Locker (Tufftec Lockers®)	1,116.21	42.82
		For >50 To 100, Deduct	*-103.06*	
		For >100, Deduct	*-157.16*	
10 51 26 00-0126	EA	12" x 18" x 72" Six Tier Solid Plastic Locker (Tufftec Lockers®)	1,140.15	42.82
		For >50 To 100, Deduct	*-105.45*	
		For >100, Deduct	*-160.75*	
10 51 26 00-0127	EA	15" x 12" x 72" Six Tier Solid Plastic Locker (Tufftec Lockers®)	1,187.97	42.82
		For >50 To 100, Deduct	*-110.23*	
		For >100, Deduct	*-167.92*	
10 51 26 00-0128	EA	15" x 15" x 72" Six Tier Solid Plastic Locker (Tufftec Lockers®)	1,201.93	42.82
		For >50 To 100, Deduct	*-111.63*	
		For >100, Deduct	*-170.01*	
10 51 26 00-0129	EA	15" x 18" x 72" Six Tier Solid Plastic Locker (Tufftec Lockers®)	1,211.90	42.82
		For >50 To 100, Deduct	*-112.63*	
		For >100, Deduct	*-171.51*	
10 51 26 00-0130	EA	18" x 12" x 72" Six Tier Solid Plastic Locker (Tufftec Lockers®)	1,215.87	42.82
		For >50 To 100, Deduct	*-113.02*	
		For >100, Deduct	*-172.10*	
10 51 26 00-0131	EA	18" x 15" x 72" Six Tier Solid Plastic Locker (Tufftec Lockers®)	1,259.72	42.82
		For >50 To 100, Deduct	*-117.41*	
		For >100, Deduct	*-178.68*	
10 51 26 00-0132	EA	18" x 18" x 72" Six Tier Solid Plastic Locker (Tufftec Lockers®)	1,317.54	42.82
		For >50 To 100, Deduct	*-123.19*	
		For >100, Deduct	*-187.36*	
10 51 26 00-0133		**Solid Plastic Locker Accessories** *(10 51 26 00-0001)*		
10 51 26 00-0134		**Slope Tops For Solid Plastic Lockers** *(10 51 26 00-0133)*		
		Note: Price per frame.		
10 51 26 00-0135	EA	Slope Top For Solid Plastic Lockers (Tufftec Lockers®)	50.94	
10 51 26 00-0136		**Recessed Bases For Solid Plastic Lockers** *(10 51 26 00-0133)*		
		Note: Price per frame.		
10 51 26 00-0137	EA	Recessed Base For Solid Plastic Lockers (Tufftec Lockers®)	56.10	
10 51 26 00-0138		**End Panels For Solid Plastic Lockers** *(10 51 26 00-0133)*		
		Note: Price per frame.		
10 51 26 00-0139	EA	End Panel For Solid Plastic Lockers (Tufftec Lockers®)	131.16	
10 51 26 00-0140		**Venting Options For Solid Plastic Locker Doors** *(10 51 26 00-0133)*		
		Note: Price per frame.		
10 51 26 00-0141	EA	Horizontal Venting Option For Solid Plastic Locker Doors	51.76	
10 51 26 00-0142		**Filler Panels For Solid Plastic Lockers** *(10 51 26 00-0133)*		
10 51 26 00-0143	EA	Up To 6" Width, Filler Panel For Solid Plastic Lockers (Tufftec Lockers®)	133.25	
		Note: Full locker height. Width and height cut to size in the field.		
10 51 26 00-0144		**Locker Accessories For Solid Plastic Lockers** *(10 51 26 00-0133)*		
10 51 26 00-0145	EA	Built In Hasp For Solid Plastic Lockers	12.93	
		Note: For removable padlocks. Excludes padlock.		
10 51 26 00-0146	EA	Built In Combination Lock For Solid Plastic Lockers	38.83	
10 51 26 00-0147	EA	Built In Key Lock For Solid Plastic Lockers	51.76	
10 51 53		**Locker Room Benches** *(10 51)*		
10 51 53 00-0001	LF	9-1/2" Wide Top, 17" To 19" Height, Hardwood Bench With Aluminum Pedestals	112.17	5.95
10 51 53 00-0002	LF	9-1/2" Wide Top, 17" To 19" Height, Hardwood Bench With Painted Steel Pedestals	89.45	5.95
10 51 53 00-0003	LF	9-1/2" Wide Top, 17" To 19" Height, Plastic Laminated Bench With Steel Pedestals	136.86	5.95
10 51 53 00-0004	LF	9-1/2" Wide Top, 17" To 19" Height, Solid Plastic Bench With Steel Pedestals	130.77	5.95
10 51 53 00-0005	LF	9-1/2" Wide Top, 17" To 19" Height, Aluminum Bench With Aluminum Pedestals	101.50	5.95

10 55 Postal Specialties *(10 50)*

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 55 23		**Mail Boxes** *(10 55)*		
10 55 23 23		**Residential Mail Boxes** *(10 55 23)*		
10 55 23 23-0001		Residential Mail Boxes *(10 55 23 23)*		
10 55 23 23-0002	EA	13" x 3-9/16" Satin Aluminum (Aluminum Body) Letter Slot With Interior Plate	126.68	13.38
		For Stainless Steel Sleeve, Add	*28.49*	
10 55 23 23-0003	EA	13" x 3-9/16" Bright Brass (Brass Body) Letter Slot With Interior Plate	170.81	13.38
		For Stainless Steel Sleeve, Add	*28.49*	
10 55 23 23-0004	EA	8" Wide x 16.5" High x 4.25" Deep, Aluminum Or Galvanized Steel Wall Mounted Mailbox	92.78	11.90
10 55 23 23-0005	EA	20" x 8-3/4" x 6-7/8" Galvanized Steel Residential Rural Mailbox With 1-1/2" Post	138.24	14.87
10 55 23 26		**Commercial Mail Boxes** *(10 55 23)*		
10 55 23 26-0001		Commercial Letter Boxes *(10 55 23 26)*		
		Note: Includes locks and keys unless provided by the United States Postal Service.		
10 55 23 26-0002	EA	15" Wide x 19" High x 7-1/2" Deep, US Postal Service Approved, Surface Mount, Aluminum Letter Box (Salsbury 2240AU)	407.26	17.84
10 55 23 26-0003	EA	15" Wide x 19" High x 6-3/4" Deep, Private Use/Access, Recessed Mount, Aluminum Letter Box (Salsbury 2245AP)	470.96	17.84
10 55 23 26-0004		Commercial Horizontal Mail Boxes *(10 55 23 26)*		
		Note: Includes locks and keys unless provided by the United States Postal Service.		
10 55 23 26-0005	BOX	5-1/2" Wide x 5-1/2" High x 15-1/2" Deep, Private Use/Access, Wall Mount, Aluminum Horizontal Mail Boxes, Per Box	81.59	17.84
10 55 23 26-0006	BOX	10-3/4" Wide x 5-1/2" High x 15-1/2" Deep, Private Use/Access, Wall Mount, Aluminum Horizontal Mail Boxes, Per Box	174.01	23.78
10 55 23 26-0007	BOX	6-3/8" Wide x 5" High x 17" Deep, US Postal Service Approved, Wall Mount, Aluminum Horizontal Mail Boxes, Per Box	105.24	14.87
10 55 23 26-0008	BOX	12-7/8" Wide x 5" High x 17" Deep, US Postal Service Approved, Wall Mount, Aluminum Horizontal Mail Boxes, Per Box	163.56	23.78
10 55 23 26-0009		Commercial Cluster Mail Boxes *(10 55 23 26)*		
		Note: Includes locks and keys unless provided by the United States Postal Service. Includes pedestal. Excludes concrete foundation.		
10 55 23 26-0010	EA	13-15/16 Wide" x 24-1/8" High x 15" Deep, Pedestal Mount, Aluminum (NDCBU) Neighborhood Delivery And Collection Mail Box (National Mailboxes H8MNDCBU5) Note: Any door combination.	2,093.80	35.68
10 55 23 26-0011	EA	26-15/16" Wide x 24-1/8" High x 15" Deep, Pedestal Mount, Aluminum (NDCBU) Neighborhood Delivery And Collection Mail Box (National Mailboxes H16MNDCBU8) Note: Any door combination.	2,480.69	47.57
10 55 23 26-0012	EA	30-1/2" Wide x 62" High x 17-7/8" Deep, 8 Tenant Doors, 2 Parcel Lockers, Pedestal Mount, Aluminum And Stainless Steel Construction, (CBU) Cluster Mail Box (AF Florence Vital 1570-8)	3,342.19	47.57
10 55 23 26-0013	EA	30-1/2" Wide x 62" High x 17-7/8" Deep, 12 Tenant Doors, 1 Parcel Locker, Pedestal Mount, Aluminum And Stainless Steel Construction, (CBU) Cluster Mail Box (AF Florence Vital 1570-12)	3,448.35	47.57
10 55 23 26-0014	EA	30-1/2" Wide x 62" High x 17-7/8" Deep, 16 Tenant Doors, 2 Parcel Lockers, Pedestal Mount, Aluminum And Stainless Steel Construction, (CBU) Cluster Mail Box (AF Florence Vital 1570-16)	3,607.60	47.57
10 55 23 26-0015		Commercial 4C Mail Boxes *(10 55 23 26)*		
		Note: Includes locks and keys unless provided by the United States Postal Service.		
10 55 23 26-0016	EA	31-9/16" Wide x 40-3/4" High x 17" Deep, 9 Doors, Recessed Wall Mount, Aluminum 4C Mail Box (AF Florence 4C11S-09)	1,824.02	47.57
10 55 23 26-0017	EA	31-9/16" Wide x 40-3/4" High x 17" Deep, 15 Doors, 1 Parcel Locker, Recessed Wall Mount, Aluminum 4C Mail Box (AF Florence 4C11D-15)	3,208.47	47.57
10 55 23 26-0018	EA	31-9/16" Wide x 40-3/4" High x 17" Deep, 19 Doors, Recessed Wall Mount, Aluminum 4C Mail Box (AF Florence 4C11D-19)	3,335.87	47.57
10 55 26		**Parcel Lockers** *(10 55)*		
10 55 26 00-0001		Parcel Lockers *(10 55 26)*		
10 55 26 00-0002	EA	24" x 14" x 15" Deep, Aluminum Pedestal Mounted Parcel Locker Note: Two compartments.	1,556.61	35.68
10 55 26 00-0003	EA	48" x 16" x 18" Deep, Aluminum Pedestal Mounted Parcel Locker Note: Two compartments.	1,850.66	47.57
10 56		**Storage Assemblies** *(10 50)*		
10 56 13		**Metal Storage Shelving** *(10 56)*		
10 56 13 16		**Post-And-Shelf Metal Storage Shelving** *(10 56 13)*		
10 56 13 16-0001		Baked Enamel Steel Shelving *(10 56 13 16)*		
10 56 13 16-0002		7 Shelf Unit, 72" Or 87" High, Full Unit, Open Type *(10 56 13 16-0001)*		
10 56 13 16-0003	LF	75" High Baked Enamel Steel Storage Shelving 7 Shelf, Open With 10" Wide Shelf	174.31	26.68
		For >75" To 87" High, Add	*15.07*	
10 56 13 16-0004	LF	75" High Baked Enamel Steel Storage Shelving 7 Shelf, Open With 12" Wide Shelf	174.81	28.02
		For >75" To 87" High, Add	*14.98*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 56 13 16-0005	LF	75" High Baked Enamel Steel Storage Shelving 7 Shelf, Open With 15" Wide Shelf	168.35	30.69
		For >75" To 87" High, Add	*14.12*	
10 56 13 16-0006	LF	75" High Baked Enamel Steel Storage Shelving 7 Shelf, Open With 18" Wide Shelf	213.36	33.35
		For >75" To 87" High, Add	*18.45*	
10 56 13 16-0007	LF	75" High Baked Enamel Steel Storage Shelving 7 Shelf, Open With 24" Wide Shelf	239.04	34.69
		For >75" To 87" High, Add	*20.82*	
10 56 13 16-0008	LF	75" High Baked Enamel Steel Storage Shelving 7 Shelf, Open With 30" Wide Shelf	230.72	37.36
		For >75" To 87" High, Add	*19.80*	
10 56 13 16-0009	LF	75" High Baked Enamel Steel Storage Shelving 7 Shelf, Open With 36" Wide Shelf	256.16	40.02
		For >75" To 87" High, Add	*22.14*	
10 56 13 16-0010		3 Shelf Unit, 32" High Base Unit Only, Fully Enclosed *(10 56 13 16-0001)*		
		Note: Adjustable shelves.		
10 56 13 16-0011	LF	32" High Baked Enamel Steel Storage Shelving 3 Shelf, Enclosed With 10" Wide Shelf	124.89	13.60
10 56 13 16-0012	LF	32" High Baked Enamel Steel Storage Shelving 3 Shelf, Enclosed With 12" Wide Shelf	123.63	14.54
10 56 13 16-0013	LF	32" High Baked Enamel Steel Storage Shelving 3 Shelf, Enclosed With 15" Wide Shelf	138.81	15.47
10 56 13 16-0014	LF	32" High Baked Enamel Steel Storage Shelving 3 Shelf, Enclosed With 18" Wide Shelf	144.39	16.41
10 56 13 16-0015	LF	32" High Baked Enamel Steel Storage Shelving 3 Shelf, Enclosed With 24" Wide Shelf	166.23	17.48
10 56 13 16-0016		4 Shelf Unit, 40" High Unit *(10 56 13 16-0001)*		
10 56 13 16-0017	LF	40" High Baked Enamel Steel Storage Shelving 4 Shelf, Enclosed With 10" Wide Shelf	146.10	26.68
10 56 13 16-0018	LF	40" High Baked Enamel Steel Storage Shelving 4 Shelf, Enclosed With 12" Wide Shelf	119.30	28.02
10 56 13 16-0019	LF	40" High Baked Enamel Steel Storage Shelving 4 Shelf, Enclosed With 15" Wide Shelf	136.72	30.69
10 56 13 16-0020	LF	40" High Baked Enamel Steel Storage Shelving 4 Shelf, Enclosed With 18" Wide Shelf	144.09	33.35
10 56 13 16-0021	LF	40" High Baked Enamel Steel Storage Shelving 4 Shelf, Enclosed With 24" Wide Shelf	164.48	34.69
10 56 16		**Fabricated Wood Storage Shelving** *(10 56)*		
10 56 16 00-0001		Shelving *(10 56 16)*		
10 56 16 00-0002		Built-In Wood Shelving *(10 56 16 00-0001)*		
		Note: Priced by shelf area. Includes hardware and trim.		
10 56 16 00-0003	SF	Built-in Wood Storage Shelving Post And Trimmed Plywood	23.29	3.00
		For Each SF Of Lumber Edge Band, Add	*0.69*	
		For Each SF Of Prefinished Shelves, Add	*2.32*	
10 56 16 00-0004	SF	Built-in Wood Storage Shelving Post And Solid Clear Pine	25.11	3.60
		For Each SF Of Lumber Edge Band, Add	*0.69*	
		For Each SF Of Prefinished Shelves, Add	*2.32*	
10 56 16 00-0005	SF	Built-in Wood Storage Shelving Closet Shelf Of Pine With Rod	25.43	5.99
		For Each SF Of Lumber Edge Band, Add	*0.69*	
		For Each SF Of Prefinished Shelves, Add	*2.32*	
10 56 16 00-0006		Wood Shelving, White Pine, Clear Grade, Wall Mounted *(10 56 16 00-0001)*		
10 56 16 00-0007	LF	1" x 8" White Pine Clear Grade Wood Shelving	19.30	7.19
10 56 16 00-0008	LF	1" x 10" White Pine Clear Grade Wood Shelving	21.22	7.67
10 56 16 00-0009	LF	1" x 12" White Pine Clear Grade Wood Shelving	23.37	8.27
10 56 16 00-0010	SF	Wood Shelving, 2" White Pine Clear Grade	30.51	
10 56 16 00-0011		Plywood Shelf With Edge Band *(10 56 16 00-0001)*		
10 56 16 00-0012	LF	12" Wide, 3/4" Plywood Shelf With Edge Band	23.68	7.19
10 56 16 00-0013	LF	24" Wide, 3/4" Plywood Shelf With Edge Band	37.03	8.99
10 56 16 00-0014		Adjustable Shelf And Rod *(10 56 16 00-0001)*		
10 56 16 00-0015	EA	12" Wide Adjustable Shelf, 3' To 6' Long	212.04	26.97
		Note: Including Rod		
10 56 16 00-0016	EA	12" Wide Adjustable Shelf, 5' To 8' Long	249.91	35.95
		Note: Including Rod		
10 56 16 00-0017		Prefinished Wood Shelves With Brackets And Supports *(10 56 16 00-0001)*		
10 56 16 00-0018	LF	Prefinished Wood Shelves, 8" Wide, With Brackets And Supports	20.47	7.19
10 56 16 00-0019	LF	Prefinished Wood Shelves, 10" Wide, With Brackets And Supports	22.27	7.67
10 56 16 00-0020	SF	Adjustable 3/4" Plastic Laminated Wood Shelves, Recessed Metal Standards	71.52	11.98
10 56 16 00-0021		Wood Shelving, Oak, Clear Grade, Wall Mounted *(10 56 16 00-0001)*		
10 56 16 00-0022	LF	Wood Shelving, 1" X 8" Oak Clear Grade	23.18	11.26
10 56 17		**Wall-Mounted Standards and Shelving** *(10 56)*		
10 56 17 00-0001		Galvanized Steel, Wall Mounted Solid Shelving *(10 56 17)*		
		Note: Price per shelf. Includes single shelf, standards, brackets and mounting hardware. Excludes blocking.		
10 56 17 00-0002	LF	8" Depth, 18 Gauge Galvanized Steel, Wall Mounted Solid Shelving	90.00	11.89
		For Installation On Concrete Walls, Add	*4.59*	
		For Installation On Concrete Block Walls, Add	*4.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 56 17 00-0003	LF	10" Depth, 18 Gauge Galvanized Steel, Wall Mounted Solid Shelving	93.20	11.89
		For Installation On Concrete Walls, Add	*4.59*	
		For Installation On Concrete Block Walls, Add	*4.44*	
10 56 17 00-0004	LF	12" Depth, 18 Gauge Galvanized Steel, Wall Mounted Solid Shelving	100.61	11.89
		For Installation On Concrete Walls, Add	*4.59*	
		For Installation On Concrete Block Walls, Add	*4.44*	
10 56 17 00-0005	LF	16" Depth, 18 Gauge Galvanized Steel, Wall Mounted Solid Shelving	110.18	11.89
		For Installation On Concrete Walls, Add	*4.59*	
		For Installation On Concrete Block Walls, Add	*4.44*	
10 56 17 00-0006	LF	18" Depth, 18 Gauge Galvanized Steel, Wall Mounted Solid Shelving	112.55	11.89
		For Installation On Concrete Walls, Add	*4.59*	
		For Installation On Concrete Block Walls, Add	*4.44*	
10 56 17 00-0007	LF	24" Depth, 18 Gauge Galvanized Steel, Wall Mounted Solid Shelving	133.06	11.89
		For Installation On Concrete Walls, Add	*4.59*	
		For Installation On Concrete Block Walls, Add	*4.44*	

10 56 17 00-0008 304 Stainless Steel, Wall Mounted Solid Shelving *(10 56 17)*

Note: Price per shelf. Includes single shelf, standards, brackets and mounting hardware. Excludes blocking.

10 56 17 00-0009	LF	8" Depth, 18 Gauge 304 Stainless Steel, Wall Mounted Solid Shelving	148.15	11.89
		For Installation On Concrete Walls, Add	*4.59*	
		For Installation On Concrete Block Walls, Add	*4.44*	
10 56 17 00-0010	LF	10" Depth, 18 Gauge 304 Stainless Steel, Wall Mounted Solid Shelving	162.67	11.89
		For Installation On Concrete Walls, Add	*4.59*	
		For Installation On Concrete Block Walls, Add	*4.44*	
10 56 17 00-0011	LF	12" Depth, 18 Gauge 304 Stainless Steel, Wall Mounted Solid Shelving	177.26	11.89
		For Installation On Concrete Walls, Add	*4.59*	
		For Installation On Concrete Block Walls, Add	*4.44*	
10 56 17 00-0012	LF	16" Depth, 18 Gauge 304 Stainless Steel, Wall Mounted Solid Shelving	210.79	11.89
		For Installation On Concrete Walls, Add	*4.59*	
		For Installation On Concrete Block Walls, Add	*4.44*	
10 56 17 00-0013	LF	18" Depth, 18 Gauge 304 Stainless Steel, Wall Mounted Solid Shelving	230.64	11.89
		For Installation On Concrete Walls, Add	*4.59*	
		For Installation On Concrete Block Walls, Add	*4.44*	
10 56 17 00-0014	LF	24" Depth, 18 Gauge 304 Stainless Steel, Wall Mounted Solid Shelving	259.31	11.89
		For Installation On Concrete Walls, Add	*4.59*	
		For Installation On Concrete Block Walls, Add	*4.44*	

10 56 17 00-0015 Laminated Particleboard, Wall Mounted Solid Shelving *(10 56 17)*

Note: Price per shelf. Includes single shelf, standards, brackets and mounting hardware. Excludes blocking.

10 56 17 00-0016	LF	8" Depth, Laminated Particleboard, Wall Mounted Solid Shelving	59.80	11.89
		For Installation On Concrete Walls, Add	*4.59*	
		For Installation On Concrete Block Walls, Add	*4.44*	
10 56 17 00-0017	LF	10" Depth, Laminated Particleboard, Wall Mounted Solid Shelving	61.97	11.89
		For Installation On Concrete Walls, Add	*4.59*	
		For Installation On Concrete Block Walls, Add	*4.44*	
10 56 17 00-0018	LF	12" Depth, Laminated Particleboard, Wall Mounted Solid Shelving	64.58	11.89
		For Installation On Concrete Walls, Add	*4.59*	
		For Installation On Concrete Block Walls, Add	*4.44*	
10 56 17 00-0019	LF	16" Depth, Laminated Particleboard, Wall Mounted Solid Shelving	68.38	11.89
		For Installation On Concrete Walls, Add	*4.59*	
		For Installation On Concrete Block Walls, Add	*4.44*	
10 56 17 00-0020	LF	18" Depth, Laminated Particleboard, Wall Mounted Solid Shelving	72.97	11.89
		For Installation On Concrete Walls, Add	*4.59*	
		For Installation On Concrete Block Walls, Add	*4.44*	
10 56 17 00-0021	LF	24" Depth, Laminated Particleboard, Wall Mounted Solid Shelving	85.33	11.89
		For Installation On Concrete Walls, Add	*4.59*	
		For Installation On Concrete Block Walls, Add	*4.44*	

10 56 17 00-0022 Chrome Plated Steel, Wall Mounted Wire Shelving *(10 56 17)*

Note: Price per shelf. Includes single shelf, standards, brackets and mounting hardware. Excludes blocking.

10 56 17 00-0023	LF	14" Depth, Chrome Plated Steel, Wall Mounted Wire Shelving	87.97	11.89
		For Installation On Concrete Walls, Add	*4.59*	
		For Installation On Concrete Block Walls, Add	*4.44*	
10 56 17 00-0024	LF	18" Depth, Chrome Plated Steel, Wall Mounted Wire Shelving	99.15	11.89
		For Installation On Concrete Walls, Add	*4.59*	
		For Installation On Concrete Block Walls, Add	*4.44*	

10 56 17 00-0025 Stainless Steel, Wall Mounted Wire Shelving *(10 56 17)*

Note: Price per shelf. Includes single shelf, standards, brackets and mounting hardware. Excludes blocking.

10 56 17 00-0026	LF	14" Depth, Stainless Steel, Wall Mounted Wire Shelving	209.43	11.89
		For Installation On Concrete Walls, Add	*4.59*	
		For Installation On Concrete Block Walls, Add	*4.44*	
10 56 17 00-0027	LF	18" Depth, Stainless Steel, Wall Mounted Wire Shelving	217.99	11.89
		For Installation On Concrete Walls, Add	*4.59*	
		For Installation On Concrete Block Walls, Add	*4.44*	

10 56 17 00-0028 Prefinished Hardwood Plywood, Wall Mounted Solid Shelving *(10 56 17)*

Note: Price per shelf. Includes single shelf, standards, brackets and mounting hardware. Excludes blocking.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 56 17 00-0029	LF	8" Depth, Prefinished Hardwood Plywood, Wall Mounted Solid Shelving	61.50	11.89
		For Installation On Concrete Walls, Add	*5.92*	
		For Installation On Concrete Block Walls, Add	*5.77*	
10 56 17 00-0030	LF	10" Depth, Prefinished Hardwood Plywood, Wall Mounted Solid Shelving	63.01	11.89
		For Installation On Concrete Walls, Add	*5.95*	
		For Installation On Concrete Block Walls, Add	*5.80*	
10 56 17 00-0031	LF	12" Depth, Prefinished Hardwood Plywood, Wall Mounted Solid Shelving	64.00	11.89
		For Installation On Concrete Walls, Add	*5.98*	
		For Installation On Concrete Block Walls, Add	*5.83*	
10 56 17 00-0032	LF	16" Depth, Prefinished Hardwood Plywood, Wall Mounted Solid Shelving	67.51	11.89
		For Installation On Concrete Walls, Add	*6.05*	
		For Installation On Concrete Block Walls, Add	*5.90*	
10 56 17 00-0033	LF	18" Depth, Prefinished Hardwood Plywood, Wall Mounted Solid Shelving	69.30	11.89
		For Installation On Concrete Walls, Add	*6.09*	
		For Installation On Concrete Block Walls, Add	*5.94*	
10 56 17 00-0034	LF	24" Depth, Prefinished Hardwood Plywood, Wall Mounted Solid Shelving	74.68	11.89
		For Installation On Concrete Walls, Add	*6.19*	
		For Installation On Concrete Block Walls, Add	*6.04*	

10 56 17 00-0035 Wall Mounted Shelving Accessories *(10 56 17)*

10 56 17 00-0036	LF	Removal And Reinstallation Of Single Shelf Metal Storage Shelving Unit	43.68	

10 57 Wardrobe And Closet Specialties *(10 50)*

10 57 43 Wardrobe Units *(10 57)*

10 57 43 00-0001 Wardrobe Units *(10 57 43)*

10 57 43 00-0002 Teachers Wardrobe Units *(10 57 43 00-0001)*

Note: Includes shelf, clothes pole and mirror, lockable door and hardware.

10 57 43 00-0003	CF	Baked Enamel Steel Teacher Wardrobe Unit With Door	55.22	4.34
		For Open Wardrobe Units Without Door, Deduct	*-6.04*	
		For Custom Made Units, Add	*27.06*	
10 57 43 00-0004	CF	Hardwood Teacher Wardrobe Unit With Door	43.17	4.34
		For Open Wardrobe Units Without Door, Deduct	*-4.53*	
		For Custom Made Units, Add	*19.83*	
10 57 43 00-0005	CF	Stainless Steel Teacher Wardrobe Unit With Door	95.69	4.34
		For Open Wardrobe Units Without Door, Deduct	*-11.09*	
		For Custom Made Units, Add	*51.35*	
10 57 43 00-0006	CF	Plastic Laminate Teacher Wardrobe Unit With Door	150.85	4.34
		For Open Wardrobe Units Without Door, Deduct	*-17.99*	
		For Custom Made Units, Add	*84.44*	
10 57 43 00-0007	CF	Birch Veneer Teacher Wardrobe Unit With Door	49.89	4.34
		For Open Wardrobe Units Without Door, Deduct	*-5.37*	
		For Custom Made Units, Add	*23.87*	
10 57 43 00-0008	CF	Oak Veneer Teacher Wardrobe Unit With Door	66.18	4.34
		For Open Wardrobe Units Without Door, Deduct	*-7.41*	
		For Custom Made Units, Add	*33.64*	
10 57 43 00-0009	CF	Walnut Veneer Teacher Wardrobe Unit With Door	74.30	4.34
		For Open Wardrobe Units Without Door, Deduct	*-8.42*	
		For Custom Made Units, Add	*38.51*	

10 57 43 00-0010 Students Wardrobe Units *(10 57 43 00-0001)*

Note: With continuous shelf, two rows of coat hooks, door and hardware.

10 57 43 00-0011	CF	Baked Enamel Steel Student Wardrobe Unit With Door	52.38	4.34
		For Open Wardrobe Units Without Door, Deduct	*-5.68*	
		For Custom Made Units, Add	*25.36*	
10 57 43 00-0012	CF	Hardwood Student Wardrobe Unit With Door	41.23	4.34
		For Open Wardrobe Units Without Door, Deduct	*-4.29*	
		For Custom Made Units, Add	*18.67*	
10 57 43 00-0013	CF	Stainless Steel Student Wardrobe Unit With Door	89.81	4.34
		For Open Wardrobe Units Without Door, Deduct	*-10.36*	
		For Custom Made Units, Add	*47.82*	
10 57 43 00-0014	CF	Plastic Laminate Student Wardrobe Unit With Door	140.83	4.34
		For Open Wardrobe Units Without Door, Deduct	*-16.74*	
		For Custom Made Units, Add	*78.43*	
10 57 43 00-0015	CF	Birch Veneer Student Wardrobe Unit With Door	47.45	4.34
		For Open Wardrobe Units Without Door, Deduct	*-5.06*	
		For Custom Made Units, Add	*22.40*	
10 57 43 00-0016	CF	Oak Veneer Student Wardrobe Unit With Door	62.50	4.34
		For Open Wardrobe Units Without Door, Deduct	*-6.95*	
		For Custom Made Units, Add	*31.43*	
10 57 43 00-0017	CF	Walnut Veneer Student Wardrobe Unit With Door	70.03	4.34
		For Open Wardrobe Units Without Door, Deduct	*-7.89*	
		For Custom Made Units, Add	*35.95*	

10 57 43 00-0018 Materials Cabinet Units *(10 57 43 00-0001)*

Note: With multiple shelves, lockable door and hardware.

10 57 43 00-0019	CF	Baked Enamel Steel Materials Cabinet Unit With Door	56.93	8.68
10 57 43 00-0020	CF	Hardwood Materials Cabinet Unit With Door	44.33	8.68
10 57 43 00-0021	CF	Stainless Steel Materials Cabinet Unit With Door	99.21	8.68

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 57 43 00-0022	CF	Plastic Laminate Materials Cabinet Unit With Door	156.86	8.68
10 57 43 00-0023	CF	Birch Veneer Materials Cabinet Unit With Door	51.36	8.68
10 57 43 00-0024	CF	Oak Veneer Materials Cabinet Unit With Door	68.38	8.68
10 57 43 00-0025	CF	Walnut Veneer Materials Cabinet Unit With Door	76.87	8.68
10 57 43 00-0026		Accessories *(10 57 43 00-0001)*		
10 57 43 00-0027	EA	Single Prong Wardrobe Closet Hooks Note: Height 1 1/8", Width 1 1/8", satin chrome finish, wall mount, 1" projection.	68.72	8.92

10 70 Exterior Specialties *(10)*

10 73 Protective Covers *(10 70)*

10 73 13 Awnings *(10 73)*

10 73 13 13 Metal Awnings *(10 73 13)*

10 73 13 13-0001		Metal Awnings *(10 73 13 13)* Note: Includes metal cover, frame supports and anchoring.		
10 73 13 13-0002	SF	Clear Weather Resistant Finish, Ribbed Aluminum Window Awnings	83.02	10.46
10 73 13 13-0003	SF	Baked Enamel Finish, Ribbed Aluminum Window Awning	73.44	9.37
10 73 13 13-0004	SF	Flat Roofed Steel Awning Note: Per SF of covered area	225.77	10.87
10 73 13 13-0005	SF	Arched Roofed Steel Awning (Per SF Of Covered Area)	233.09	12.23

10 73 13 23 Fabric Awnings *(10 73 13)*

10 73 13 23-0001		Canvas Awnings *(10 73 13 23)* Note: Includes minimum 12 oz. canvas, frame supports and anchoring.		
10 73 13 23-0002	SF	Canvas Awning, Waterproof Fabric Tubular Metal Framing	78.34	8.07
10 73 13 23-0003	SF	Side Protection Canvas For Walkways (Per SF Of Wall Area)	44.89	2.60
10 73 13 23-0004	SF	Removal And Replacement Of Canvas For Awnings Note: Includes removal of existing canvas cover.	28.54	
		For 18 Oz. Vinyl Laminated Polyester Cover, Add	*0.95*	

10 73 16 Canopies *(10 73)*

10 73 16 13 Metal Canopies *(10 73 16)*

10 73 16 13-0001		Canopies, Wall Hung, Aluminum Framed And Covered, Prefinished *(10 73 16 13)* Note: Includes cover, frame supports and anchoring.		
10 73 16 13-0002	EA	8' x 10' Canopy, Aluminum, Wall Hung	7,198.75	475.62
10 73 16 13-0003	EA	8' x 20' Canopy, Aluminum, Wall Hung	13,419.55	761.18
10 73 16 13-0004	EA	10' x 10' Canopy, Aluminum, Wall Hung	8,856.70	595.10
10 73 16 13-0005	EA	10' x 20' Canopy, Aluminum, Wall Hung	16,398.65	795.77

10 73 26 Walkway Coverings *(10 73)*

Note: Pre-engineered includes all framing and steel supports, integral gutter system. Excludes foundations.

10 73 26 13 Metal Walkway Coverings *(10 73 26)*

10 73 26 13-0001		Steel Walkway/Parking Covers *(10 73 26 13)* Note: Factory applied polyester finish.		
10 73 26 13-0002	SF	Flat Roofed Steel Walkway/Parking Cover Note: Includes factory applied polyester finish.	109.49	7.06
		For Snow Load (30 PSF), Add	*38.15*	
		For Wind Load (140 MPH), Add	*47.69*	
10 73 26 13-0003	SF	Arch Roofed Steel Walkway/Parking Cover Note: Includes factory applied polyester finish.	116.54	7.60
		For Snow Load (30 PSF), Add	*40.54*	
		For Wind Load (140 MPH), Add	*50.67*	
10 73 26 13-0004		Aluminum Walkway/Parking Covers *(10 73 26 13)*		
10 73 26 13-0005	SF	Flat Roofed Aluminum Walkway/Parking Cover Note: Includes factory applied polyester finish.	70.06	7.06
		For Snow Load (30 PSF), Add	*22.38*	
		For Wind Load (140 MPH), Add	*27.97*	
10 73 26 13-0006	SF	Arch Roofed Aluminum Walkway/Parking Cover Note: Includes factory applied polyester finish.	76.23	7.60
		For Snow Load (30 PSF), Add	*24.41*	
		For Wind Load (140 MPH), Add	*30.52*	

10 75 Flagpoles *(10 70)*

Note: Metal bases are installed in a concrete base and fully rigged. Heights indicated are from ground to top of installed flag pole. Uninstalled lengths are longer. Includes top ball (color and material similar to pole), cleats and cleat cover, all caulking and sealants, and hoisting into place. Excludes excavation and concrete. See CSI section 10 75 16 00-0012 for bases.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

10 75 16 Ground-Set Flagpoles *(10 75)*

10 75 16 00-0001 Free Standing Tapered Fiberglass Flagpoles *(10 75 16)*

Note: Excludes base or foundation See CSI section 10 75 16 00-0012 for concrete base.

10 75 16 00-0002	EA	25' Exposed Height, Tapered White Fiberglass Flagpole Note: 6" butt diameter, 3" top diameter and 0.180" wall.	4,078.82	903.20
		For Internal Halyard, Cam System, Add	*300.00*	
		For Bronze Finish, Add	*20.00*	
		For Rope Lock Box, Add	*96.00*	
10 75 16 00-0003	EA	30' Exposed Height, Tapered White Fiberglass Flagpole Note: 6-1/2" butt diameter, 3" top diameter and 0.180" wall.	4,356.69	985.30
		For Internal Halyard, Cam System, Add	*300.00*	
		For Bronze Finish, Add	*50.00*	
		For Rope Lock Box, Add	*96.00*	
10 75 16 00-0004	EA	35' Exposed Height, Tapered White Fiberglass Flagpole Note: 7" butt diameter, 3" top diameter and 0.200" wall.	5,496.50	1,149.52
		For Internal Halyard, Cam System, Add	*300.00*	
		For Rope Lock Box, Add	*96.00*	
10 75 16 00-0005	EA	40' Exposed Height, Tapered White Fiberglass Flagpole Note: 7" butt diameter, 3" top diameter and 0.200" wall.	6,380.79	1,313.74
		For Internal Halyard, Cam System, Add	*300.00*	
		For Rope Lock Box, Add	*96.00*	
10 75 16 00-0006	EA	50' Exposed Height, Tapered White Fiberglass Flagpole Note: 10" butt diameter, 4-1/2" top diameter and 0.275" wall.	11,973.73	1,477.96
		For Internal Halyard, Winch System, Add	*1,700.00*	
		For Bronze Finish, Add	*200.00*	
		For Rope Lock Box, Add	*96.00*	
10 75 16 00-0007	EA	60' Exposed Height, Tapered White Fiberglass Flagpole Note: 10-1/2" butt diameter, 4-1/2" top diameter and 0.300" wall.	14,269.42	1,642.17
		For Internal Halyard, Winch System, Add	*1,900.00*	
		For Bronze Finish, Add	*160.00*	
		For Rope Lock Box, Add	*96.00*	
10 75 16 00-0008	EA	70' Exposed Height, Tapered White Fiberglass Flagpole Note: 16" butt diameter, 7" top diameter and 0.325" wall.	24,717.04	1,806.39
		For Internal Halyard, Winch System, Add	*2,860.00*	
		For Bronze Finish, Add	*700.00*	
		For Rope Lock Box, Add	*96.00*	
10 75 16 00-0009	EA	78' Exposed Height, Tapered White Fiberglass Flagpole Note: 10-3/4" butt diameter, 7" top diameter and 0.350" wall.	32,074.23	1,970.61
		For Internal Halyard, Winch System, Add	*2,900.00*	
		For Bronze Finish, Add	*900.00*	
		For Rope Lock Box, Add	*96.00*	

10 75 16 00-0010 Free Standing Tapered Aluminum Flagpoles *(10 75 16)*

Note: Heavy duty. Excludes base or foundation See CSI section 10 75 16 00-0012 for concrete base.

10 75 16 00-0011	EA	40' (12.2 m) Tapered Aluminum Flagpole Without Concrete Base Note: Ground set mounting, c/w steel corrugated sleeve, lightning rod, wedges and standard aluminum flash collar. Skyline internal single halyard system with stainless steel gearless winch and automatic brake, removable hand crank. Revolving cap finial.	9,849.68	1,728.60
		For Rope Lock Box, Add	*96.00*	

10 75 16 00-0012 Flagpole Bases *(10 75 16)*

10 75 16 00-0013 Flagpole Concrete Base *(10 75 16 00-0012)*

Note: Includes excavation, forms where necessary, steel casing and reinforcing, metal collar installation, base plate, sand fill, ground spike, concrete and finishing of concrete.

10 75 16 00-0014	EA	30' Or Less Flagpole, Poured Concrete Foundation	1,879.28
10 75 16 00-0015	EA	35' Flagpole, Poured Concrete Foundation	1,943.49
10 75 16 00-0016	EA	40' Flagpole, Poured Concrete Foundation	2,231.40
10 75 16 00-0017	EA	45' Flagpole, Poured Concrete Foundation	2,361.21
10 75 16 00-0018	EA	50' Flagpole, Poured Concrete Foundation	2,833.84
10 75 16 00-0019	EA	60' Flagpole, Poured Concrete Foundation	3,433.15
10 75 16 00-0020	EA	70' Flagpole, Poured Concrete Foundation	4,064.73
10 75 16 00-0021	EA	80' Flagpole, Poured Concrete Foundation	4,726.64
10 75 16 00-0022	EA	90' To 100' Flagpole, Poured Concrete Foundation	5,511.55

10 75 16 00-0023 Direct Embedded Flagpole Base *(10 75 16 00-0012)*

Note: Augured in place, no concrete required.

10 75 16 00-0024	EA	20' To 25' Flagpole, Direct Embedded Pole Base	771.13
10 75 16 00-0025	EA	30' To 40' Flagpole, Direct Embedded Pole Base	1,106.55
10 75 16 00-0026	EA	45' To 55' Flagpole, Direct Embedded Pole Base	1,236.04
10 75 16 00-0027	EA	60' To 70' Flagpole, Direct Embedded Pole Base	1,391.03

10 75 16 00-0028 Flagpole Accessories *(10 75 16)*

10 75 16 00-0029 Flagpole Tops *(10 75 16 00-0028)*

Note: To be used on renovation of existing flagpole. Do not use in conjunction with installation of new flagpoles.

10 75 16 00-0030	EA	4" Gold Anodized Aluminum Ball For Top Of Flagpole	138.26	50.57
10 75 16 00-0031	EA	5" Gold Anodized Aluminum Ball For Top Of Flagpole	150.84	53.54
10 75 16 00-0032	EA	6" Gold Anodized Aluminum Ball For Top Of Flagpole	168.73	56.52

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 75 16 00-0033	EA	8" Gold Anodized Aluminum Ball For Top Of Flagpole	219.77	59.48
10 75 16 00-0034	EA	10" Gold Anodized Aluminum Ball For Top Of Flagpole	289.37	62.46
10 75 16 00-0035	EA	12" Gold Anodized Aluminum Ball For Top Of Flagpole	323.17	65.43
10 75 16 00-0036	EA	11-1/4" Aluminum Flying Eagle Mounted On A Spindle For Flagpole Top, Gold Finish	295.32	65.43
10 75 16 00-0037	EA	15" Aluminum Flying Eagle Mounted On A Spindle For Flagpole Top, Gold Finish	343.67	74.36
10 75 16 00-0038		**Flagpole Accessories** *(10 75 16 00-0028)*		
		Note: To be used on renovation of existing flagpole. Do not use in conjunction with installation of new flagpoles.		
10 75 16 00-0039	LF	5/16" Diameter, Nylon Halyard (Rope) With Wire Center For Flagpoles	1.41	0.09
10 75 16 00-0040	LF	5/16" Diameter, Solid Braided Multifilament Polypropylene Halyard (Rope) For Flagpoles	0.70	0.09
10 75 16 00-0041	LF	5/16" Diameter, Nylon Halyard (Rope) For Flagpoles	0.54	0.09
10 75 16 00-0042	LF	3/8" Diameter, Nylon Halyard (Rope) With Wire Center For Flagpoles	1.89	0.09
10 75 16 00-0043	EA	Refinish Existing Flagpole Ball	417.12	148.66
10 75 16 00-0044	EA	Locking Aluminum Cleat Box For Flagpoles	342.90	89.20
10 75 16 00-0045	EA	Aluminum Cleat For Flagpoles	28.73	5.95
10 75 16 00-0046	LF	1/8" Diameter, 7x7 Galvanized Wire Rope For Flagpoles	0.86	0.13

10 75 23 Wall-Mounted Flagpoles *(10 75)*

10 75 23 00-0001		**Vertical, Wall/Roof Mounted Tapered Aluminum Flagpoles** *(10 75 23)*		
		Note: Includes aluminum brackets, 3" butt diameter and 0.125" wall.		
10 75 23 00-0002	EA	14' Height, Vertical Wall/Roof Mounted Tapered Aluminum Flagpole	2,196.42	720.25
		For Rope Lock Box, Add	*96.00*	
10 75 23 00-0003	EA	17' Height, Vertical Wall/Roof Mounted Tapered Aluminum Flagpole	2,380.26	792.28
		For Rope Lock Box, Add	*96.00*	
10 75 23 00-0004	EA	20' Height, Vertical Wall/Roof Mounted Tapered Aluminum Flagpole	2,577.34	864.30
		For Rope Lock Box, Add	*96.00*	
10 75 23 00-0005	EA	25' Height, Vertical Wall/Roof Mounted Tapered Aluminum Flagpole	2,984.81	1,008.36
		For Rope Lock Box, Add	*96.00*	
10 75 23 00-0006		**Outrigger, Wall Mounted Tapered Aluminum Flagpoles** *(10 75 23)*		
		Note: Includes aluminum base, 3-1/2" butt diameter and 0.125" wall.		
10 75 23 00-0007	EA	10', Wall Mounted, Aluminum Outrigger Flagpole With Bracket	2,940.89	648.23
		For Rope Lock Box, Add	*96.00*	
10 75 23 00-0008	EA	15', Wall Mounted, Aluminum Outrigger Flagpole With Bracket	3,164.52	720.25
		For Rope Lock Box, Add	*96.00*	
10 75 23 00-0009	EA	20', Wall Mounted, Aluminum Outrigger Flagpole With Bracket	3,505.65	864.30
		For Rope Lock Box, Add	*96.00*	

10 80 Other Specialties *(10)*

10 81 Pest Control Devices *(10 80)*

10 81 13 Bird Control Devices *(10 81)*

10 81 13 00-0001		**Stainless Steel Spiked Bird Barrier** *(10 81 13)*		
		Note: Stainless steel spikes with flexible polycarbonate base.		
10 81 13 00-0002	LF	2-1/2" To 3" Wide Stainless Steel Spikes And Polycarbonate Base Bird Deterrent System	10.50	0.96
10 81 13 00-0003	LF	4-1/2" To 5" Wide Stainless Steel Spikes And Polycarbonate Base Bird Deterrent System	12.68	0.96
10 81 13 00-0004	LF	8" Wide Stainless Steel Spikes And Polycarbonate Base Bird Deterrent System	18.75	0.96
10 81 13 00-0005		**Polycarbonate Spiked Bird Barrier** *(10 81 13)*		
		Note: Polycarbonate spikes and base.		
10 81 13 00-0006	LF	3" Wide Polycarbonate Spikes And Base Bird Deterrent System	9.68	0.96
10 81 13 00-0007	LF	5" Wide Polycarbonate Spikes And Base Bird Deterrent System	11.74	0.96
10 81 13 00-0008	LF	8" Wide Polycarbonate Spikes And Base Bird Deterrent System	14.00	0.96
10 81 13 00-0009		**Spiked Gutter Or Girder Bird Barrier** *(10 81 13)*		
		Note: Stainless steel spikes with flexible polycarbonate base mounted to gutter or girder. Includes aluminum clamps.		
10 81 13 00-0010	LF	Stainless Steel Spikes And Polycarbonate Base Bird Deterrent System For Gutter Or Girder Application	11.20	0.96
10 81 13 00-0011		**Coil Bird Barrier** *(10 81 13)*		
		Note: Stainless steel coil.		
10 81 13 00-0012	LF	4" Diameter Stainless Steel Coil Bird Deterrent System	7.80	0.96
10 81 13 00-0013	LF	5" Diameter Stainless Steel Coil Bird Deterrent System	9.26	0.96
10 81 13 00-0014		**Spider Bird Barrier** *(10 81 13)*		
		Note: Stainless steel arms with various bases.		
10 81 13 00-0015	EA	2' Diameter Stainless Steel Spider Bird Deterrent System	134.58	0.96
10 81 13 00-0016	EA	4' Diameter Stainless Steel Spider Bird Deterrent System	199.09	0.96
10 81 13 00-0017	EA	8' Diameter Stainless Steel Spider Bird Deterrent System	251.54	0.96

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 81 13 00-0018		**Oriented Flexible Flame Resistant Netting** *(10 81 13)*		
		Note: Includes stainless steel rings and plastic ties.		
10 81 13 00-0019	SF	1/8" x 1/8" Mesh Flexible Polypropylene Netting	1.22	0.42
		Note: To control bird and marine predators.		
10 81 13 00-0020	SF	1/4" x 1/4" Mesh Flexible Polypropylene Netting	1.17	0.42
		Note: To control bird and marine predators.		
10 81 13 00-0021	SF	1/2" x 1/2" Mesh Flexible Polypropylene Netting	1.12	0.42
		Note: To control bird and marine predators.		
10 81 13 00-0022	SF	3/4" x 3/4" Mesh Flexible Polypropylene Netting	1.08	0.42
		Note: To control bird and marine predators.		
10 81 13 00-0023	SF	1" x 1" Mesh Flexible Polypropylene Netting	1.08	0.42
		Note: To control bird and marine predators.		
10 81 13 00-0024	SF	1-1/8" x 1-1/8" Mesh Flexible Polypropylene Netting	1.06	0.42
		Note: To control bird and marine predators.		
10 81 13 00-0025	SF	2" x 2" Mesh Flexible Polypropylene Netting	1.03	0.42
		Note: To control bird and marine predators.		
10 81 13 00-0026	SF	3" x 3" Mesh Flexible Polypropylene Netting	1.03	0.42
		Note: To control bird and marine predators.		
10 81 13 00-0027	SF	4" x 4" Mesh Flexible Polypropylene Netting	0.99	0.42
		Note: To control bird and marine predators.		
10 81 13 00-0028	SF	5/8" x 3/4" Mesh Flexible Polypropylene Netting	1.10	0.42
		Note: To control bird and marine predators.		
10 81 13 00-0029	SF	1-1/4" x 1-1/2" Mesh Flexible Polypropylene Netting	1.04	0.42
		Note: To control bird and marine predators.		
10 81 13 00-0030	EA	Poly Clips For Flexible Netting	3.54	
10 81 13 00-0031		**Netting Accessories** *(10 81 13)*		
10 81 13 00-0032	EA	2' Zipper For Flexible Netting	9.13	
10 81 13 00-0033	EA	4' Zipper For Flexible Netting	13.75	
10 81 13 00-0034	EA	6' Zipper For Flexible Netting	16.18	
10 81 13 00-0035	EA	8' Zipper For Flexible Netting	22.99	

10 86 Security Mirrors And Domes *(10 80)*

10 86 00 00-0001 **Dome Mirrors** *(10 86)*
Note: Includes all mounting hardware. Indoor or outdoor applications.

10 86 00 00-0002 **Steel Dome Mirrors** *(10 86 00 00-0001)*

10 86 00 00-0003	EA	9" Diameter Full-Dome Steel Dome Mirror	313.34	23.79
10 86 00 00-0004	EA	12" Diameter Full-Dome Steel Dome Mirror	368.87	24.98
10 86 00 00-0005	EA	18" Diameter Full-Dome Steel Dome Mirror	426.78	27.37
10 86 00 00-0006	EA	24" Diameter Full-Dome Steel Dome Mirror	570.19	29.74
10 86 00 00-0007	EA	9" Diameter Half-Dome Steel Dome Mirror	224.26	17.85
10 86 00 00-0008	EA	12" Diameter Half-Dome Steel Dome Mirror	259.00	19.03
10 86 00 00-0009	EA	18" Diameter Half-Dome Steel Dome Mirror	302.77	20.82
10 86 00 00-0010	EA	24" Diameter Half-Dome Steel Dome Mirror	421.89	22.61

10 86 00 00-0011 **Plexiglas Dome Mirrors** *(10 86 00 00-0001)*

10 86 00 00-0012	EA	18" Diameter Full-Dome Plexiglas Dome Mirror	243.07	27.37
10 86 00 00-0013	EA	26" Diameter Full-Dome Plexiglas Dome Mirror	343.72	29.74
10 86 00 00-0014	EA	32" Diameter Full-Dome Plexiglas Dome Mirror	454.93	34.50
10 86 00 00-0015	EA	36" Diameter Full-Dome Plexiglas Dome Mirror	550.09	41.64
10 86 00 00-0016	EA	48" Diameter Full-Dome Plexiglas Dome Mirror	803.01	59.48
10 86 00 00-0017	EA	18" Diameter Half-Dome Plexiglas Dome Mirror	148.63	20.82
10 86 00 00-0018	EA	26" Diameter Half-Dome Plexiglas Dome Mirror	200.73	22.61
10 86 00 00-0019	EA	32" Diameter Half-Dome Plexiglas Dome Mirror	264.72	26.18
10 86 00 00-0020	EA	36" Diameter Half-Dome Plexiglas Dome Mirror	326.50	31.53
10 86 00 00-0021	EA	48" Diameter Half-Dome Plexiglas Dome Mirror	519.07	44.62
10 86 00 00-0022	EA	18" Diameter Quarter-Dome Plexiglas Dome Mirror	95.77	17.85
10 86 00 00-0023	EA	26" Diameter Quarter-Dome Plexiglas Dome Mirror	123.15	19.63
10 86 00 00-0024	EA	32" Diameter Quarter-Dome Plexiglas Dome Mirror	162.11	22.01
10 86 00 00-0025	EA	36" Diameter Quarter-Dome Plexiglas Dome Mirror	202.10	26.18
10 86 00 00-0026	EA	48" Diameter Quarter-Dome Plexiglas Dome Mirror	335.49	37.18

10 86 00 00-0027 **Coated Plexiglas Dome Mirrors** *(10 86 00 00-0001)*

10 86 00 00-0028	EA	18" Diameter Full-Dome Coated Plexiglas Dome Mirror	290.44	27.37
10 86 00 00-0029	EA	26" Diameter Full-Dome Coated Plexiglas Dome Mirror	450.02	29.74
10 86 00 00-0030	EA	36" Diameter Full-Dome Coated Plexiglas Dome Mirror	762.69	41.64
10 86 00 00-0031	EA	48" Diameter Full-Dome Coated Plexiglas Dome Mirror	1,175.06	59.48
10 86 00 00-0032	EA	18" Diameter Half-Dome Coated Plexiglas Dome Mirror	188.38	20.82
10 86 00 00-0033	EA	26" Diameter Half-Dome Coated Plexiglas Dome Mirror	280.92	22.61
10 86 00 00-0034	EA	36" Diameter Half-Dome Coated Plexiglas Dome Mirror	444.36	31.53
10 86 00 00-0035	EA	48" Diameter Half-Dome Coated Plexiglas Dome Mirror	736.29	44.62
10 86 00 00-0036	EA	18" Diameter Quarter-Dome Coated Plexiglas Dome Mirror	136.68	17.85
10 86 00 00-0037	EA	26" Diameter Quarter-Dome Coated Plexiglas Dome Mirror	192.01	19.63
10 86 00 00-0038	EA	32" Diameter Quarter-Dome Coated Plexiglas Dome Mirror	249.00	22.01
10 86 00 00-0039	EA	36" Diameter Quarter-Dome Coated Plexiglas Dome Mirror	320.41	26.18

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 86 00 00-0040	EA	48" Diameter Quarter-Dome Coated Plexiglas Dome Mirror	501.88	37.18
10 86 00 00-0041		**Circular Convex Security Mirrors** *(10 86)* Note: Includes all mounting hardware.		
10 86 00 00-0042		**Plexiglas Circular Convex Mirrors** *(10 86 00 00-0041)* Note: Indoor models have a tempered hardboard backing. Outdoor models have a waterproof edge and back, rustproof hardware with backed-on enamel finish.		
10 86 00 00-0043	EA	12" Diameter Plexiglas Circular Convex Mirrors, Indoor	102.79	19.03
10 86 00 00-0044	EA	18" Diameter Plexiglas Circular Convex Mirrors, Indoor	133.84	20.82
10 86 00 00-0045	EA	26" Diameter Plexiglas Circular Convex Mirrors, Indoor	203.28	22.61
10 86 00 00-0046	EA	30" Diameter Plexiglas Circular Convex Mirrors, Indoor	254.09	26.18
10 86 00 00-0047	EA	36" Diameter Plexiglas Circular Convex Mirrors, Indoor	338.06	31.53
10 86 00 00-0048	EA	48" Diameter Plexiglas Circular Convex Mirrors, Indoor	597.64	44.62
10 86 00 00-0049	EA	18" Diameter Plexiglas Circular Convex Mirrors, Outdoor	172.90	20.82
10 86 00 00-0050	EA	26" Diameter Plexiglas Circular Convex Mirrors, Outdoor	249.49	22.61
10 86 00 00-0051	EA	36" Diameter Plexiglas Circular Convex Mirrors, Outdoor	356.54	31.53
10 86 00 00-0052	EA	48" Diameter Plexiglas Circular Convex Mirrors, Outdoor	653.10	44.62
10 86 00 00-0053		**Coated Plexiglas Circular Convex Mirrors** *(10 86 00 00-0041)* Note: Indoor models have a tempered hardboard backing. Outdoor models have a waterproof edge and back, rustproof hardware with backed-on enamel finish.		
10 86 00 00-0054	EA	18" Diameter Coated Plexiglas Circular Convex Mirrors, Indoor	208.95	20.82
10 86 00 00-0055	EA	26" Diameter Coated Plexiglas Circular Convex Mirrors, Indoor	329.45	22.61
10 86 00 00-0056	EA	30" Diameter Coated Plexiglas Circular Convex Mirrors, Indoor	442.89	26.18
10 86 00 00-0057	EA	36" Diameter Coated Plexiglas Circular Convex Mirrors, Indoor	552.97	31.53
10 86 00 00-0058	EA	48" Diameter Coated Plexiglas Circular Convex Mirrors, Indoor	803.31	44.62
10 86 00 00-0059	EA	18" Diameter Coated Plexiglas Circular Convex Mirrors, Outdoor	251.24	20.82
10 86 00 00-0060	EA	26" Diameter Coated Plexiglas Circular Convex Mirrors, Outdoor	389.53	22.61
10 86 00 00-0061	EA	30" Diameter Coated Plexiglas Circular Convex Mirrors, Outdoor	542.26	26.18
10 86 00 00-0062	EA	36" Diameter Coated Plexiglas Circular Convex Mirrors, Outdoor	613.05	31.53
10 86 00 00-0063	EA	48" Diameter Coated Plexiglas Circular Convex Mirrors, Outdoor	972.00	44.62

END OF SECTION 10

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

11 Equipment

11 10 Vehicle and Pedestrian Equipment *(11)*

11 12 Parking Control Equipment *(11 10)*

11 12 16 Parking Ticket Dispensers *(11 12)*

11 12 16 00-0001 Parking Ticket Dispensers *(11 12 16)*

11 12 16 00-0002	EA	Standard Parking Ticket Dispenser With Time/Date Stamp	11,582.63	208.98
11 12 16 00-0003	EA	Rate Computing Parking Ticket Dispenser With Printer	15,615.12	208.98

11 12 23 Parking Meters *(11 12)*

11 12 23 00-0001 Parking Meters *(11 12 23)*

11 12 23 00-0002	EA	Removal Of Parking Meter For Replacement Or Reinstall Existing Meter	237.47	

11 12 26 Parking Fee Collection Equipment *(11 12)*

11 12 26 13 Parking Fee Coin Collection Equipment *(11 12 26)*

11 12 26 13-0001 Parking Fee Collection Equipment *(11 12 26 13)*

11 12 26 13-0002	EA	Multiple Station Slot Box For Parking Fee Collection	2,745.01	70.82

11 12 33 Parking Gates *(11 12)*

11 12 33 13 Lift Arm Parking Gates *(11 12 33)*

11 12 33 13-0001 Barrier Parking Gate Operators *(11 12 33 13)*

11 12 33 13-0002 Barrier Parking Gate Operators *(11 12 33 13-0001)*

Note: Includes operator and barrier arm. Excludes access controls and concrete foundation.

11 12 33 13-0003	EA	12' Plastic Arm, 1/2 HP, 115 Volt AC, Barrier Parking Gate Operator (DKS™ DoorKing® 1601-080)	6,302.04	579.52
		For 230/460 Volt AC, Add	*322.50*	
11 12 33 13-0004	EA	14' Wood Arm, 1/2 HP, 115 Volt AC, Barrier Parking Gate Operator (DKS™ DoorKing® 1601-080)	6,281.44	579.52
		For 230/460 Volt AC, Add	*322.50*	
11 12 33 13-0005	EA	14' Aluminum Arm, 1/2 HP, 115 Volt AC, Barrier Parking Gate Operator (DKS™ DoorKing® 1601-080)	6,542.45	579.52
		For 230/460 Volt AC, Add	*322.50*	
11 12 33 13-0006	EA	20' Three Piece Wood Arm, 1 HP, 115 Volt AC, Barrier Parking Gate Operator (DKS™ DoorKing® 1602-080)	9,156.87	579.52
		For 230/460 Volt AC, Add	*322.50*	
11 12 33 13-0007	EA	14' Wood Arm, 1/3 HP, 115 Volt AC, Barrier Parking Gate Operator With Two Built-In Vehicle Detectors (Federal APD G-90 CD)	9,487.24	579.52
11 12 33 13-0008	EA	14' Aluminum Arm, 1/3 HP, 115 Volt AC, Barrier Parking Gate Operator With Two Built-In Vehicle Detectors (Federal APD G-90 CD)	9,899.37	579.52

11 12 33 13-0009 Barrier Parking Gate Operators With Tire Shredding Traffic Control Spikes *(11 12 33 13-0001)*

Note: Includes operator, barrier arm and tire shredding traffic control spikes. Excludes access controls and concrete foundation.

11 12 33 13-0010	EA	14' Wood Arm, 1/2 HP, 115 Volt AC, Barrier Parking Gate Operator With 6' Section, Surface Mount, Tire Shredding Traffic Control Spikes (DKS™ DoorKing® 1603-080)	18,614.30	1,159.04
11 12 33 13-0011	EA	14' Wood Arm, 1/2 HP, 115 Volt AC, Barrier Parking Gate Operator With 9' Section, Surface Mount, Tire Shredding Traffic Control Spikes (DKS™ DoorKing® 1603-080)	21,730.99	1,159.04
11 12 33 13-0012	EA	14' Aluminum Arm, 1/2 HP, 115 Volt AC, Barrier Parking Gate Operator With 6' Section, Surface Mount, Tire Shredding Traffic Control Spikes (DKS™ DoorKing® 1603-080)	18,768.85	1,159.04
11 12 33 13-0013	EA	14' Aluminum Arm, 1/2 HP, 115 Volt AC, Barrier Parking Gate Operator With 9' Section, Surface Mount, Tire Shredding Traffic Control Spikes (DKS™ DoorKing® 1603-080)	21,885.54	1,159.04

11 12 33 13-0014 Barrier Parking Gate Operator Accessories *(11 12 33 13-0001)*

11 12 33 13-0015	EA	12' Plastic Replacement Arm For Barrier Parking Gate Operators	224.60	26.44
11 12 33 13-0016	EA	14' Wood Replacement Arm For Barrier Parking Gate Operators	203.99	26.44
11 12 33 13-0017	EA	14' Aluminum Replacement Arm For Barrier Parking Gate Operators	465.01	26.44
11 12 33 13-0018	EA	20' Three Piece Wood Replacement Arm For Barrier Parking Gate Operators	696.83	26.44
11 12 33 13-0019	EA	Folding Wood Replacement Arm For Barrier Parking Gate Operators	636.73	26.44
11 12 33 13-0020	EA	Folding Plastic Replacement Arm For Barrier Parking Gate Operators	636.73	26.44
11 12 33 13-0021	EA	Folding Aluminum Replacement Arm For Barrier Parking Gate Operators	774.10	26.44
11 12 33 13-0022	EA	Heater Kit For Barrier Parking Gate Operators (DKS™ DoorKing® 1601-092)	703.66	158.64
11 12 33 13-0023	EA	Fan Kit For Barrier Parking Gate Operators (DKS™ DoorKing® 1601-093)	703.66	158.64
11 12 33 13-0024	EA	Single Channel Detector Loop For Barrier Parking Gate Operators (DKS™ DoorKing® 9410-010)	712.75	
11 12 33 13-0025	EA	Two Channel Detector Loop For Barrier Parking Gate Operators (Federal APD DLD-10B)	1,796.74	
11 12 33 13-0026	EA	36" Tall, Gooseneck Style, Single Mount, 2" x 2" Steel, Exterior Mounting Post For Gate Operator Access Controls (Federal APD)	1,271.56	52.88

Note: Includes mounting plate and hardware. Excludes concrete foundation.

11 12 36 Tire Shredders *(11 12)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 12 36 00-0001		Tire Shredding Traffic Control Spikes *(11 12 36)*		
11 12 36 00-0002		Flush Mount, Tire Shredding Traffic Control Spikes *(11 12 36 00-0001)*		
11 12 36 00-0003	EA	6' Section, Flush Mount, Tire Shredding Traffic Control Spikes (DKS™ DoorKing® 1610-081)	2,741.28	423.06
11 12 36 00-0004		Surface Mount, Tire Shredding Traffic Control Spikes *(11 12 36 00-0001)*		
11 12 36 00-0005	EA	3' Section With End Caps, Surface Mount, Tire Shredding Traffic Control Spikes (DKS™ DoorKing® 1610-088)	4,847.97	211.53
11 12 36 00-0006	EA	3' Add-On Section, Surface Mount, Tire Shredding Traffic Control Spikes (DKS™ DoorKing® 1610-087)	3,474.21	211.53
11 12 36 00-0007		Warning Signs And Signals For Tire Shredding Traffic Control Spikes *(11 12 36 00-0001)*		
11 12 36 00-0008	EA	Warning Sign For Tire Shredding Traffic Control Spikes (DKS™ DoorKing® 1615) Note: Includes light and mounting post.	2,167.76	79.33
11 12 36 00-0009	EA	Traffic Light Assembly For Tire Shredding Traffic Control Spikes (DKS™ DoorKing® 1603) Note: Includes mounting post and hardware.	1,774.18	105.76

11 13 Loading Dock Equipment *(11 10)*

11 13 13 Loading Dock Bumpers *(11 13)*

11 13 13 00-0001		Laminated Rubber Dock Bumpers *(11 13 13)*		
11 13 13 00-0002		4-1/2" Projection, Laminated Rubber Dock Bumpers *(11 13 13 00-0001)*		
11 13 13 00-0003	EA	14" x 6", 4-1/2" Projection, Laminated Rubber Dock Bumper	154.11	23.78
11 13 13 00-0004	EA	24" x 6", 4-1/2" Projection, Laminated Rubber Dock Bumper	190.32	23.78
11 13 13 00-0005	EA	36" x 6", 4-1/2" Projection, Laminated Rubber Dock Bumper	241.40	23.78
11 13 13 00-0006	EA	12" x 10", 4-1/2" Projection, Laminated Rubber Dock Bumper	169.54	23.78
11 13 13 00-0007	EA	14" x 10", 4-1/2" Projection, Laminated Rubber Dock Bumper	182.33	23.78
11 13 13 00-0008	EA	18" x 10", 4-1/2" Projection, Laminated Rubber Dock Bumper	205.21	23.78
11 13 13 00-0009	EA	24" x 10", 4-1/2" Projection, Laminated Rubber Dock Bumper	241.40	23.78
11 13 13 00-0010	EA	36" x 10", 4-1/2" Projection, Laminated Rubber Dock Bumper	323.12	23.78
11 13 13 00-0011	EA	12" x 12", 4-1/2" Projection, Laminated Rubber Dock Bumper	189.97	23.78
11 13 13 00-0012	EA	12" x 14", 4-1/2" Projection, Laminated Rubber Dock Bumper	205.21	23.78
11 13 13 00-0013	EA	12" x 18", 4-1/2" Projection, Laminated Rubber Dock Bumper	248.67	23.78
11 13 13 00-0014	EA	12" x 24", 4-1/2" Projection, Laminated Rubber Dock Bumper	279.49	23.78
11 13 13 00-0015	EA	12" x 36", 4-1/2" Projection, Laminated Rubber Dock Bumper	379.57	23.78
11 13 13 00-0016	EA	11" x 20", 4-1/2" Projection, Laminated Rubber Dock Bumper	230.66	23.78
11 13 13 00-0017	EA	11" x 24", 4-1/2" Projection, Laminated Rubber Dock Bumper	266.50	23.78
11 13 13 00-0018	EA	11" x 36", 4-1/2" Projection, Laminated Rubber Dock Bumper	342.86	23.78
11 13 13 00-0019		6" Projection, Laminated Rubber Dock Bumpers *(11 13 13 00-0001)*		
11 13 13 00-0020	EA	12" x 10", 6" Projection, Laminated Rubber Dock Bumper	218.18	23.78
11 13 13 00-0021	EA	14" x 10", 6" Projection, Laminated Rubber Dock Bumper	230.82	23.78
11 13 13 00-0022	EA	18" x 10", 6" Projection, Laminated Rubber Dock Bumper	261.29	23.78
11 13 13 00-0023	EA	24" x 10", 6" Projection, Laminated Rubber Dock Bumper	307.69	23.78
11 13 13 00-0024	EA	36" x 10", 6" Projection, Laminated Rubber Dock Bumper	410.37	23.78
11 13 13 00-0025	EA	12" x 12", 6" Projection, Laminated Rubber Dock Bumper	246.23	23.78
11 13 13 00-0026	EA	14" x 12", 6" Projection, Laminated Rubber Dock Bumper	256.61	23.78
11 13 13 00-0027	EA	18" x 12", 6" Projection, Laminated Rubber Dock Bumper	297.82	23.78
11 13 13 00-0028	EA	24" x 12", 6" Projection, Laminated Rubber Dock Bumper	359.29	23.78
11 13 13 00-0029	EA	36" x 12", 6" Projection, Laminated Rubber Dock Bumper	531.41	23.78
11 13 13 00-0030	EA	11" x 20", 6" Projection, Laminated Rubber Dock Bumper	307.87	23.78
11 13 13 00-0031	EA	11" x 24", 6" Projection, Laminated Rubber Dock Bumper	349.08	23.78
11 13 13 00-0032	EA	11" x 36", 6" Projection, Laminated Rubber Dock Bumper	354.57	23.78
11 13 13 00-0033		Extruded Rubber Dock Bumpers *(11 13 13)*		
11 13 13 00-0034		1-3/4" Projection, Extruded Rubber Dock Bumpers *(11 13 13 00-0033)*		
11 13 13 00-0035	EA	12" x 2", 1-3/4" Projection, Extruded Rubber Dock Bumper	82.51	23.78
11 13 13 00-0036	EA	18" x 2", 1-3/4" Projection, Extruded Rubber Dock Bumper	87.60	23.78
11 13 13 00-0037	EA	24" x 2", 1-3/4" Projection, Extruded Rubber Dock Bumper	94.39	23.78
11 13 13 00-0038	EA	36" x 2", 1-3/4" Projection, Extruded Rubber Dock Bumper	101.18	23.78
11 13 13 00-0039		4" Projection, Extruded Rubber Dock Bumpers *(11 13 13 00-0033)*		
11 13 13 00-0040	EA	12" x 4-1/2", 4" Projection, Extruded Rubber Dock Bumper	109.13	23.78
11 13 13 00-0041	EA	18" x 4-1/2", 4" Projection, Extruded Rubber Dock Bumper	130.53	23.78
11 13 13 00-0042	EA	24" x 4-1/2", 4" Projection, Extruded Rubber Dock Bumper	136.69	23.78
11 13 13 00-0043	EA	36" x 4-1/2", 4" Projection, Extruded Rubber Dock Bumper	150.73	23.78
11 13 13 00-0044		6" Projection, Extruded Rubber Dock Bumpers *(11 13 13 00-0033)*		
11 13 13 00-0045	EA	12" x 6", 6" Projection, Extruded Rubber Dock Bumper	134.41	23.78
11 13 13 00-0046	EA	18" x 6", 6" Projection, Extruded Rubber Dock Bumper	163.26	23.78
11 13 13 00-0047	EA	24" x 6", 6" Projection, Extruded Rubber Dock Bumper	187.02	23.78
11 13 13 00-0048	EA	36" x 6", 6" Projection, Extruded Rubber Dock Bumper	232.35	23.78

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 13 13 00-0049		Molded Rubber Dock Bumpers *(11 13 13)*		
11 13 13 00-0050		Rectangular Molded Rubber Dock Bumpers *(11 13 13 00-0049)*		
11 13 13 00-0051	EA	18" x 8", 2" Projection, Rectangular Molded Rubber Dock Bumper	119.84	23.78
11 13 13 00-0052	EA	10" x 4-1/2", 3" Projection, Rectangular Molded Rubber Dock Bumper	106.74	23.78
11 13 13 00-0053	EA	20" x 4-1/2", 3" Projection, Rectangular Molded Rubber Dock Bumper	136.64	23.78
11 13 13 00-0054	EA	30" x 4-1/2", 3" Projection, Rectangular Molded Rubber Dock Bumper	166.80	23.78
11 13 13 00-0055	EA	24" x 12", 3" Projection, Rectangular Molded Rubber Dock Bumper	173.92	23.78
11 13 13 00-0056	EA	13" x 10", 4" Projection, Rectangular Molded Rubber Dock Bumper	133.21	23.78
11 13 13 00-0057	EA	18" x 10", 4" Projection, Rectangular Molded Rubber Dock Bumper	168.00	23.78
11 13 13 00-0058	EA	30" x 10", 4" Projection, Rectangular Molded Rubber Dock Bumper	239.61	23.78
11 13 13 00-0059	EA	13" x 12", 4" Projection, Rectangular Molded Rubber Dock Bumper	143.62	23.78
11 13 13 00-0060	EA	24" x 12", 4" Projection, Rectangular Molded Rubber Dock Bumper	207.23	23.78
11 13 13 00-0061	EA	18" x 18", 4" Projection, Rectangular Molded Rubber Dock Bumper	206.61	23.78
11 13 13 00-0062	EA	24" x 12", 6" Projection, Rectangular Molded Rubber Dock Bumper	312.25	23.78
11 13 13 00-0063		T And L Shaped Rubber Dock Bumpers *(11 13 13 00-0049)*		
11 13 13 00-0064	EA	22" x 22", 3" Projection, T Shaped Molded Rubber Dock Bumper	196.81	23.78
11 13 13 00-0065	EA	18" x 18", 4" Projection, L Shaped Molded Rubber Dock Bumper	180.91	23.78
11 13 16		**Loading Dock Seals and Shelters** *(11 13)*		
11 13 16 13		**Loading Dock Seals** *(11 13 16)*		
11 13 16 13-0001		Vinyl Loading Dock Seals *(11 13 16 13)*		
11 13 16 13-0002		Standard Vinyl Loading Dock Seals *(11 13 16 13-0001)*		
11 13 16 13-0003	LF	10" Projection, Standard, Vinyl Loading Dock Seal	100.36	23.78
11 13 16 13-0004	LF	11" Projection, Standard, Vinyl Loading Dock Seal	101.65	23.78
11 13 16 13-0005	LF	12" Projection, Standard, Vinyl Loading Dock Seal	102.95	23.78
11 13 16 13-0006	LF	13" Projection, Standard, Vinyl Loading Dock Seal	105.55	23.78
11 13 16 13-0007	LF	14" Projection, Standard, Vinyl Loading Dock Seal	108.15	23.78
11 13 16 13-0008	LF	15" Projection, Standard, Vinyl Loading Dock Seal	110.78	23.78
11 13 16 13-0009	LF	16" Projection, Standard, Vinyl Loading Dock Seal	113.41	23.78
11 13 16 13-0010	LF	17" Projection, Standard, Vinyl Loading Dock Seal	116.12	23.78
11 13 16 13-0011	LF	18" Projection, Standard, Vinyl Loading Dock Seal	118.82	23.78
11 13 16 13-0012	LF	19" Projection, Standard, Vinyl Loading Dock Seal	121.42	23.78
11 13 16 13-0013	LF	20" Projection, Standard, Vinyl Loading Dock Seal	124.02	23.78
11 13 16 13-0014	LF	22" Projection, Standard, Vinyl Loading Dock Seal	129.29	23.78
11 13 16 13-0015		8" Exposure Wear Pleats, Vinyl Loading Dock Seals *(11 13 16 13-0001)*		
11 13 16 13-0016	LF	10" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal	115.79	23.78
11 13 16 13-0017	LF	11" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal	117.09	23.78
11 13 16 13-0018	LF	12" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal	118.39	23.78
11 13 16 13-0019	LF	13" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal	121.02	23.78
11 13 16 13-0020	LF	14" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal	123.66	23.78
11 13 16 13-0021	LF	15" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal	126.26	23.78
11 13 16 13-0022	LF	16" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal	128.85	23.78
11 13 16 13-0023	LF	17" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal	131.49	23.78
11 13 16 13-0024	LF	18" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal	134.12	23.78
11 13 16 13-0025	LF	19" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal	136.72	23.78
11 13 16 13-0026	LF	20" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal	139.39	23.78
11 13 16 13-0027	LF	22" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal	144.58	23.78
11 13 16 13-0028		4" Exposure Wear Pleats, Vinyl Loading Dock Seals *(11 13 16 13-0001)*		
11 13 16 13-0029	LF	10" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal	124.02	23.78
11 13 16 13-0030	LF	11" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal	125.35	23.78
11 13 16 13-0031	LF	12" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal	126.69	23.78
11 13 16 13-0032	LF	13" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal	129.29	23.78
11 13 16 13-0033	LF	14" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal	131.88	23.78
11 13 16 13-0034	LF	15" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal	134.52	23.78
11 13 16 13-0035	LF	16" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal	137.15	23.78
11 13 16 13-0036	LF	17" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal	139.75	23.78
11 13 16 13-0037	LF	18" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal	142.34	23.78
11 13 16 13-0038	LF	19" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal	144.98	23.78
11 13 16 13-0039	LF	20" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal	147.61	23.78
11 13 16 13-0040	LF	22" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal	152.95	23.78
11 13 16 13-0041		Vinyl Loading Dock Seals With Drape Curtain *(11 13 16 13)*		
11 13 16 13-0042		Standard, Vinyl Loading Dock Seals With Drape Curtain *(11 13 16 13-0041)*		
11 13 16 13-0043	LF	10" Projection, Standard, Vinyl Loading Dock Seal With Drape Curtain	93.48	23.78
11 13 16 13-0044	LF	12" Projection, Standard, Vinyl Loading Dock Seal With Drape Curtain	95.52	23.78
11 13 16 13-0045	LF	14" Projection, Standard, Vinyl Loading Dock Seal With Drape Curtain	100.04	23.78

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 13 16 13-0046	LF	16" Projection, Standard, Vinyl Loading Dock Seal With Drape Curtain	104.49	23.78
11 13 16 13-0047	LF	18" Projection, Standard, Vinyl Loading Dock Seal With Drape Curtain	109.06	23.78
11 13 16 13-0048	LF	20" Projection, Standard, Vinyl Loading Dock Seal With Drape Curtain	113.52	23.78
11 13 16 13-0049	LF	22" Projection, Standard, Vinyl Loading Dock Seal With Drape Curtain	118.03	23.78
11 13 16 13-0050		8" Exposure Wear Pleats, Vinyl Loading Dock Seals With Drape Curtain *(11 13 16 13-0041)*		
11 13 16 13-0051	LF	10" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain	108.07	23.78
11 13 16 13-0052	LF	12" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain	110.18	23.78
11 13 16 13-0053	LF	14" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain	114.69	23.78
11 13 16 13-0054	LF	16" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain	119.21	23.78
11 13 16 13-0055	LF	18" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain	123.66	23.78
11 13 16 13-0056	LF	20" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain	128.17	23.78
11 13 16 13-0057	LF	22" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain	132.62	23.78
11 13 16 13-0058		4" Exposure Wear Pleats, Vinyl Loading Dock Seals With Drape Curtain *(11 13 16 13-0041)*		
11 13 16 13-0059	LF	10" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain	115.99	23.78
11 13 16 13-0060	LF	12" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain	118.03	23.78
11 13 16 13-0061	LF	14" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain	122.61	23.78
11 13 16 13-0062	LF	16" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain	127.06	23.78
11 13 16 13-0063	LF	18" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain	131.57	23.78
11 13 16 13-0064	LF	20" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain	136.03	23.78
11 13 16 13-0065	LF	22" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain	140.60	23.78

11 13 16 23 Loading Dock Shelters *(11 13 16)*

11 13 16 23-0001 Retractable Vinyl Loading Dock Shelter *(11 13 16 23)*

11 13 16 23-0002	LF	Retractable Vinyl Dock Shelters, Scissor Arms	156.59	29.73

11 13 16 23-0003 Rigid Loading Dock Shelters *(11 13 16 23)*

11 13 16 23-0004	LF	18" Projection, Rigid Loading Dock Shelter	117.81	28.54
11 13 16 23-0005	LF	24" Projection, Rigid Loading Dock Shelter	122.60	28.54
11 13 16 23-0006	LF	30" Projection, Rigid Loading Dock Shelter	127.33	29.73
11 13 16 23-0007	LF	36" Projection, Rigid Loading Dock Shelter	130.64	29.73

11 13 19 Stationary Loading Dock Equipment *(11 13)*

Note: Includes all anchor bolts and fasteners.

11 13 19 13 Loading Dock Levelers *(11 13 19)*

11 13 19 13-0001 Hydraulic Dock Levelers *(11 13 19 13)*

Note: Excludes control panel, remote operator, and electrical wiring.

11 13 19 13-0002 20,000 LB Hydraulic Dock Levelers *(11 13 19 13-0001)*

11 13 19 13-0003	EA	6' x 6', 20,000 LB Hydraulic Dock Leveler	8,307.71	1,029.80
11 13 19 13-0004	EA	6' x 8', 20,000 LB Hydraulic Dock Leveler	8,891.87	1,144.21
11 13 19 13-0005	EA	6' x 10', 20,000 LB Hydraulic Dock Leveler	10,862.66	1,373.05
11 13 19 13-0006	EA	7' x 6', 20,000 LB Hydraulic Dock Leveler	8,839.36	1,144.21
11 13 19 13-0007	EA	7' x 8', 20,000 LB Hydraulic Dock Leveler	9,597.51	1,258.64
11 13 19 13-0008	EA	7' x 10', 20,000 LB Hydraulic Dock Leveler	11,504.51	1,487.48

11 13 19 13-0009 25,000 LB Hydraulic Dock Levelers *(11 13 19 13-0001)*

11 13 19 13-0010	EA	6' x 6', 25,000 LB Hydraulic Dock Leveler	8,472.33	1,029.80
11 13 19 13-0011	EA	6' x 8', 25,000 LB Hydraulic Dock Leveler	9,061.04	1,144.21
11 13 19 13-0012	EA	6' x 10', 25,000 LB Hydraulic Dock Leveler	11,021.16	1,373.05
11 13 19 13-0013	EA	7' x 6', 25,000 LB Hydraulic Dock Leveler	8,999.26	1,144.21
11 13 19 13-0014	EA	7' x 8', 25,000 LB Hydraulic Dock Leveler	9,744.88	1,258.64
11 13 19 13-0015	EA	7' x 10', 25,000 LB Hydraulic Dock Leveler	11,815.54	1,487.48

11 13 19 13-0016 30,000 LB Hydraulic Dock Levelers *(11 13 19 13-0001)*

11 13 19 13-0017	EA	6' x 6', 30,000 LB Hydraulic Dock Leveler	8,882.24	1,201.43
11 13 19 13-0018	EA	6' x 8', 30,000 LB Hydraulic Dock Leveler	9,451.51	1,373.05
11 13 19 13-0019	EA	6' x 10', 30,000 LB Hydraulic Dock Leveler	11,499.71	1,601.90
11 13 19 13-0020	EA	7' x 6', 30,000 LB Hydraulic Dock Leveler	9,451.51	1,373.05
11 13 19 13-0021	EA	7' x 8', 30,000 LB Hydraulic Dock Leveler	10,162.38	1,544.69
11 13 19 13-0022	EA	7' x 10', 30,000 LB Hydraulic Dock Leveler	12,210.59	1,659.12

11 13 19 13-0023 35,000 LB Hydraulic Dock Levelers *(11 13 19 13-0001)*

11 13 19 13-0024	EA	6' x 6', 35,000 LB Hydraulic Dock Leveler	9,190.70	1,258.64
11 13 19 13-0025	EA	6' x 8', 35,000 LB Hydraulic Dock Leveler	9,761.67	1,430.27
11 13 19 13-0026	EA	6' x 10', 35,000 LB Hydraulic Dock Leveler	11,012.25	1,659.12
11 13 19 13-0027	EA	7' x 6', 35,000 LB Hydraulic Dock Leveler	9,761.67	1,430.27
11 13 19 13-0028	EA	7' x 8', 35,000 LB Hydraulic Dock Leveler	10,603.55	1,601.90

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 13 19 13-0029	EA	7' x 10', 35,000 LB Hydraulic Dock Leveler	12,702.11	1,716.32
11 13 19 13-0030		**40,000 LB Hydraulic Dock Levelers** *(11 13 19 13-0001)*		
11 13 19 13-0031	EA	6' x 6', 40,000 LB Hydraulic Dock Leveler	9,707.56	1,258.64
11 13 19 13-0032	EA	6' x 8', 40,000 LB Hydraulic Dock Leveler	10,277.70	1,430.27
11 13 19 13-0033	EA	6' x 10', 40,000 LB Hydraulic Dock Leveler	12,361.13	1,659.12
11 13 19 13-0034	EA	7' x 6', 40,000 LB Hydraulic Dock Leveler	10,277.70	1,430.27
11 13 19 13-0035	EA	7' x 8', 40,000 LB Hydraulic Dock Leveler	11,120.61	1,601.90
11 13 19 13-0036	EA	7' x 10', 40,000 LB Hydraulic Dock Leveler	13,218.81	1,716.32
11 13 19 13-0037		**45,000 LB Hydraulic Dock Levelers** *(11 13 19 13-0001)*		
11 13 19 13-0038	EA	6' x 6', 45,000 LB Hydraulic Dock Leveler	10,157.23	1,315.85
11 13 19 13-0039	EA	6' x 8', 45,000 LB Hydraulic Dock Leveler	10,737.92	1,487.48
11 13 19 13-0040	EA	6' x 10', 45,000 LB Hydraulic Dock Leveler	12,809.03	1,716.32
11 13 19 13-0041	EA	7' x 6', 45,000 LB Hydraulic Dock Leveler	10,739.65	1,487.48
11 13 19 13-0042	EA	7' x 8', 45,000 LB Hydraulic Dock Leveler	11,574.65	1,659.12
11 13 19 13-0043	EA	7' x 10', 45,000 LB Hydraulic Dock Leveler	13,657.20	1,773.53
11 13 19 13-0044		**Manual Dock Levelers** *(11 13 19 13)*		
11 13 19 13-0045		**20,000 LB Manual Dock Levelers** *(11 13 19 13-0044)*		
11 13 19 13-0046	EA	6' x 6', 20,000 LB Manual Dock Leveler	6,626.13	1,029.80
11 13 19 13-0047	EA	6' x 8', 20,000 LB Manual Dock Leveler	7,220.92	1,144.21
11 13 19 13-0048	EA	6' x 10', 20,000 LB Manual Dock Leveler	9,181.08	1,373.05
11 13 19 13-0049	EA	7' x 6', 20,000 LB Manual Dock Leveler	7,159.30	1,144.21
11 13 19 13-0050	EA	7' x 8', 20,000 LB Manual Dock Leveler	7,915.93	1,258.64
11 13 19 13-0051	EA	7' x 10', 20,000 LB Manual Dock Leveler	9,994.43	1,373.05
11 13 19 13-0052		**40,000 LB Manual Dock Levelers** *(11 13 19 13-0044)*		
11 13 19 13-0053	EA	6' x 6', 40,000 LB Manual Dock Leveler	8,174.72	1,144.21
11 13 19 13-0054	EA	6' x 8', 40,000 LB Manual Dock Leveler	8,744.86	1,258.64
11 13 19 13-0055	EA	6' x 10', 40,000 LB Manual Dock Leveler	9,526.12	1,487.48
11 13 19 13-0056	EA	7' x 6', 40,000 LB Manual Dock Leveler	8,744.86	1,258.64
11 13 19 13-0057	EA	7' x 8', 40,000 LB Manual Dock Leveler	9,935.31	1,373.05
11 13 19 13-0058	EA	7' x 10', 40,000 LB Manual Dock Leveler	11,685.96	1,601.90
11 13 19 13-0059		**Edge Of Dock Levelers** *(11 13 19 13)* Note: Mounted on face of dock, single torsion bar counter balance, includes bumpers.		
11 13 19 13-0060		**Hydraulic Edge Of Dock Levelers** *(11 13 19 13-0059)* Note: Excludes control panel, remote operator, and electrical wiring.		
11 13 19 13-0061	EA	66" Usable Width, 20,000 LB Edge Of Dock Leveler, Hydraulic (Vestil PE-2066)	4,649.23	343.27
11 13 19 13-0062	EA	72" Usable Width, 20,000 LB Edge Of Dock Leveler, Hydraulic (Vestil PE-2072)	4,994.17	343.27
11 13 19 13-0063	EA	66" Usable Width, 25,000 LB Edge Of Dock Leveler, Hydraulic (Vestil PE-2566)	4,944.25	343.27
11 13 19 13-0064	EA	72" Usable Width, 25,000 LB Edge Of Dock Leveler, Hydraulic (Vestil PE-2572)	5,417.78	343.27
11 13 19 13-0065	EA	66" Usable Width, 20,000 LB Conventional Trailer, HED Series Edge Of Dock Leveler, Hydraulic (DLM HED6620)	5,332.21	343.27
11 13 19 13-0066	EA	72" Usable Width, 20,000 LB Conventional Trailer, HED Series Edge Of Dock Leveler, Hydraulic (DLM HED7220)	5,631.66	343.27
11 13 19 13-0067		**Manual Edge Of Dock Levelers** *(11 13 19 13-0059)*		
11 13 19 13-0068	EA	66" Usable Width, 20,000 LB Edge Of Dock Leveler, Manual (Vestil FM-2066)	2,451.95	343.27
11 13 19 13-0069	EA	72" Usable Width, 20,000 LB Edge Of Dock Leveler, Manual (Vestil FM-2072)	2,659.75	343.27
11 13 19 13-0070	EA	66" Usable Width, 25,000 LB Edge Of Dock Leveler, Manual (Vestil FM-2566)	2,723.29	343.27
11 13 19 13-0071	EA	72" Usable Width, 25,000 LB Edge Of Dock Leveler, Manual (Vestil FM-2572)	2,879.13	343.27
11 13 19 13-0072	EA	66" Usable Width, 25,000 LB Conventional Trailer, Edge of Dock Leveler, Manual (Bluff Manufacturing 25EP66)	2,936.64	343.27
11 13 19 13-0073	EA	72" Usable Width, 25,000 LB Conventional Trailer, Edge of Dock Leveler, Manual (Bluff Manufacturing 25EP72)	3,331.84	343.27
11 13 19 13-0074	EA	78" Usable Width, 25,000 LB Conventional Trailer, Edge Of Dock Leveler, Manual (Bluff Manufacturing 25EP78)	3,622.58	343.27
11 13 19 13-0075	EA	72" Usable Width, 30,000 LB Conventional Trailer, Edge of Dock Leveler, Manual (Bluff Manufacturing 30EP72)	3,664.36	343.27
11 13 19 13-0076	EA	66" Usable Width, 20,000 LB Refrigerated Truck, Edge of Dock Leveler, Manual (Bluff Manufacturing 20EP66-R)	3,267.42	343.27
11 13 19 13-0077	EA	78" Usable Width, 30,000 LB Refrigerated Truck, Edge Of Dock Leveler, Manual (Bluff Manufacturing 30EP78-R)	4,473.91	343.27
11 13 19 13-0078	EA	72" Usable Width, 30,000 LB Refrigerated Truck, Edge Of Dock Leveler, Manual (Bluff Manufacturing 30EP72-R)	4,214.51	343.27
11 13 19 23		**Stationary Loading Dock Lifts** *(11 13 19)*		
11 13 19 23-0001		**Top Of Ground, Fixed Platform Lifts** *(11 13 19 23)*		
11 13 19 23-0002	EA	6' x 8', 5,500 LB Top Of Ground, Fixed Platform Lift	17,500.19	239.39
11 13 19 23-0003		**Pit Mounted, Fixed Platform Lifts** *(11 13 19 23)*		
11 13 19 23-0004	EA	6' x 8', 5,000 LB Fixed Platform Lift, Pit Mounted	12,528.42	239.39
11 13 19 23-0005	EA	6' x 8', 8,000 LB Fixed Platform Lift, Pit Mounted	22,521.71	359.09
11 13 19 23-0006	EA	7' x 12', 15,000 LB Fixed Platform Lift, Pit Mounted	39,458.32	718.17
11 13 19 23-0007	EA	8' x 20', 15,000 LB Fixed Platform Lift, Pit Mounted	41,363.39	957.56

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 13 19 26		**Loading Dock Truck Lifts** *(11 13 19)*		
11 13 19 26-0001		Hydraulic Truck Lifts *(11 13 19 26)*		
11 13 19 26-0002	EA	10' x 15', 60,000 LB Platform Truck Lift	36,706.30	1,958.89
11 13 19 26-0003	EA	10' x 20', 60,000 LB Platform Truck Lift	41,991.78	2,350.67
11 13 19 33		**Loading Dock Truck Restraints** *(11 13 19)*		
11 13 19 33-0001		Truck Restraint System *(11 13 19 33)*		
11 13 19 33-0002	EA	Electrical Operated Loading Dock Ground Mounted Vehicle Restraint (Serco SL60) Note: Includes Integrated Control Panel & Automatic Light Communication Package, minimum 32,000 LB restraint capacity and Manufacturer's standard concrete anchor bolts and brackets for ground mounting to concrete apron.	10,095.59	429.08
11 13 19 33-0003	EA	Push Button Rotating Hook Trailer Restraint With Automatic Lights (Kelley Star 4) Note: Includes push button controls, warning lights, alarms, minimum 32,000 LB restraint capacity, all mounting plates, bolts, welds, warning signs, gasketed weatherproof box for controls, 120 V UL listed.	10,558.18	429.08
11 13 19 33-0004	EA	Truck Restraint System (Poweramp Powerstop AAL) Note: Includes push button controls, warning lights, alarms, 30,000 LB holding force, all mounting plates, bolts, welds, warning signs, gasketed weatherproof box for controls, 120 V UL listed.	8,573.77	429.08
11 13 23		**Portable Dock Equipment** *(11 13)*		
11 13 23 23		**Portable Dock Platforms** *(11 13 23)*		
11 13 23 23-0001	EA	6' x 6', 5,000 LB Capacity Portable Platform Lift	14,654.68	132.20
11 13 26		**Loading Dock Lights** *(11 13)*		
11 13 26 00-0001		Communication Lights *(11 13 26)*		
11 13 26 00-0002	EA	Console Controlled, Dock Communication Light, Stop And Go Red Light Style, 12 Or 24 Volt DC Or 115 Volt AC Note: Excludes control console.	384.96	87.08
11 13 26 00-0003	EA	Toggle Switch Controlled, Dock Communication Light, Stop And Go Red Light Style, With Solid State Flasher, 12 Or 24 Volt DC Or 115 Volt AC	483.71	87.08
11 13 26 00-0004	EA	Dock Guide Light For Truck Backing	206.40	69.66
11 13 26 00-0005		Communication Lights Controls *(11 13 26)*		
11 13 26 00-0006	EA	Dock Communication Lights Control Console For Up To Two Docks	401.50	116.11
11 13 26 00-0007		Loading Dock Lights *(11 13 26)*		
11 13 26 00-0008		Incandescent Loading Dock Lights *(11 13 26 00-0007)*		
11 13 26 00-0009	EA	24" Long, Single Arm Loading Dock Light, 300W Incandescent	468.17	116.11
11 13 26 00-0010	EA	40" Long, Dual Arm Loading Dock Light, 300W Incandescent	414.11	116.11
11 13 26 00-0011	EA	60" Long, Dual Arm Loading Dock Light, 300W Incandescent	550.49	116.11
11 13 26 00-0012		Metal Halide Loading Dock Lights *(11 13 26 00-0007)*		
11 13 26 00-0013	EA	24" Long, Single Arm Loading Dock Light, 100W Metal Halide	655.02	116.11
11 13 26 00-0014	EA	40" Long, Dual Arm Loading Dock Light, 100W Metal Halide	719.08	116.11
11 13 26 00-0015	EA	60" Long, Dual Arm Loading Dock Light, 100W Metal Halide	770.32	116.11
11 13 26 00-0016		Quartz Halogen Loading Dock Lights *(11 13 26 00-0007)*		
11 13 26 00-0017	EA	24" Long, Single Arm Loading Dock Light, 500W Quartz Halogen	406.91	116.11
11 13 26 00-0018	EA	40" Long, Dual Arm Loading Dock Light, 500W Quartz Halogen	447.44	116.11
11 13 26 00-0019	EA	60" Long, Dual Arm Loading Dock Light, 500W Quartz Halogen	482.04	116.11
11 14		**Pedestrian Control Equipment** *(11 10)*		
11 14 13		**Pedestrian Gates** *(11 14)*		
11 14 13 16		**Rotary Gates** *(11 14 13)*		
11 14 13 16-0001		Access Control Indoor Or Outdoor Impenetrability *(11 14 13 16)*		
11 14 13 16-0002		Mechanical *(11 14 13 16-0001)*		
11 14 13 16-0003		Galvanized Steel *(11 14 13 16-0002)*		
11 14 13 16-0004	EA	One-Way, Single 7' High Exit Rotary Gate, 3 Rotor Sections, Galvanized Steel	12,656.98	1,591.71
11 14 13 16-0005	EA	One-Way, Single 7' High Exit Rotary Gate, 4 Rotor Sections, Galvanized Steel	14,294.09	1,591.71
11 14 13 16-0006	EA	One-Way, "Handicapped" 7' High Exit Rotary Gate, 4 Rotor Sections, Galvanized Steel	28,487.96	2,374.76
11 14 13 16-0007	EA	One-Way, Double 7' High Exit Rotary Gate, 3 Or 4 Rotor Sections, Galvanized Steel	27,585.14	2,374.76
11 14 13 16-0008		Powder Coated Steel *(11 14 13 16-0002)*		
11 14 13 16-0009	EA	One-Way, Single 7' High Exit Rotary Gate, 3 Rotor Sections, Powder Coated Steel	14,315.16	1,591.71
11 14 13 16-0010	EA	One-Way, Single 7' High Exit Rotary Gate, 4 Rotor Sections, Powder Coated Steel	15,889.08	1,591.71

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 14 13 16-0011	EA	One-Way, "Handicapped" 7' High Exit Rotary Gate, 3 Rotor Sections, Powder Coated Steel	33,637.04	2,374.76
11 14 13 16-0012	EA	One-Way, Double 7' High Exit Rotary Gate, 3 Rotor Sections, Powder Coated Steel	30,305.63	2,374.76
11 14 13 16-0013		**Anodized Aluminum** *(11 14 13 16-0002)*		
11 14 13 16-0014	EA	One-Way, Single 7' High Exit Rotary Gate, 3 Rotor Sections, Anodized Aluminum With Stainless Steel Arms	15,034.41	1,591.71
11 14 13 16-0015	EA	One-Way, Single 7' High Exit Rotary Gate, 3 Rotor Sections, Complete Anodized Aluminum	26,051.82	1,591.71
11 14 13 16-0016	EA	One-Way, Double 7' High Exit Rotary Gate, 3 Rotor Sections, Anodized Aluminum With Stainless Steel Arms	30,173.22	2,374.76
11 14 13 16-0017	EA	One-Way, Double 7' High Exit Rotary Gate, 3 Rotor Sections, Complete Anodized Aluminum	50,926.04	2,374.76
11 14 13 16-0018		**Stainless Steel** *(11 14 13 16-0002)*		
11 14 13 16-0019	EA	One-Way, Single 7' High Exit Rotary Gate, 3 Rotor Sections, Stainless Steel	23,746.62	1,591.71
11 14 13 16-0020	EA	One-Way, Single 7' High Exit Rotary Gate, 4 Rotor Sections, Stainless Steel	26,653.70	1,591.71
11 14 13 16-0021	EA	One-Way, "Handicapped" 7' High Exit Rotary Gate, 3 Rotor Sections, Stainless Steel	38,118.04	2,374.76
11 14 13 16-0022	EA	One-Way, Double 7' High Exit Rotary Gate, 3 Rotor Sections, Stainless Steel	47,567.55	2,374.76
11 14 13 16-0023		**Transparent** *(11 14 13 16-0002)*		
11 14 13 16-0024	EA	One-Way, Single 7' High Exit Rotary Gate, 3 Rotor Sections, Transparent	47,117.62	1,591.95
11 14 13 16-0025		**Mechanical Options** *(11 14 13 16-0001)*		
11 14 13 16-0026	EA	Out-of-Use Lock Option, Add	255.80	
11 14 13 16-0027	EA	Heel Protector (Each Heel Protector), Add	180.56	
11 14 13 16-0028		**Electrical, One-Way** *(11 14 13 16-0001)*		
11 14 13 16-0029		**Galvanized Steel** *(11 14 13 16-0028)*		
11 14 13 16-0030	EA	One-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Galvanized Steel	13,382.25	1,591.71
11 14 13 16-0031	EA	One-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Galvanized Steel	15,022.37	1,591.71
11 14 13 16-0032	EA	One-Way, "Handicapped" 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Galvanized Steel	31,196.42	2,374.76
11 14 13 16-0033	EA	One-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Galvanized Steel	28,755.79	2,374.76
11 14 13 16-0034	EA	One-Way, Double 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Galvanized Steel	31,196.42	2,374.76
11 14 13 16-0035		**Powder Coated Steel** *(11 14 13 16-0028)*		
11 14 13 16-0036	EA	One-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Powder Coated Steel	15,037.42	1,591.71
11 14 13 16-0037	EA	One-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Powder Coated Steel	16,870.14	1,591.71
11 14 13 16-0038	EA	One-Way, "Handicapped" 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Powder Coated Steel	41,756.40	2,374.76
11 14 13 16-0039	EA	One-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Powder Coated Steel	31,491.34	2,374.76
11 14 13 16-0040	EA	One-Way, Double 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Powder Coated Steel	33,937.98	2,374.76
11 14 13 16-0041		**Anodized Aluminum** *(11 14 13 16-0028)*		
11 14 13 16-0042	EA	One-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Anodized Aluminum With Stainless Steel Arms	15,338.36	1,591.71
11 14 13 16-0043	EA	One-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Anodized Aluminum With Stainless Steel Arms	16,271.27	1,591.71
11 14 13 16-0044	EA	One-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Complete Anodized Aluminum	26,954.64	1,591.71
11 14 13 16-0045	EA	One-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Anodized Aluminum With Stainless Steel Arms	31,831.40	2,374.76
11 14 13 16-0046	EA	One-Way, Double 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Anodized Aluminum With Stainless Steel Arms	35,409.58	2,374.76
11 14 13 16-0047	EA	One-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Complete Anodized Aluminum	52,487.92	2,374.76
11 14 13 16-0048		**Stainless Steel** *(11 14 13 16-0028)*		
11 14 13 16-0049	EA	One-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Stainless Steel	25,266.37	1,591.71
11 14 13 16-0050	EA	One-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Stainless Steel	27,041.91	1,591.71
11 14 13 16-0051	EA	One-Way, "Handicapped" 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Stainless Steel	43,763.67	2,374.76
11 14 13 16-0052	EA	One-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Stainless Steel	49,887.80	2,374.76
11 14 13 16-0053	EA	One-Way, Double 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Stainless Steel	55,000.77	2,374.76
11 14 13 16-0054		**Transparent** *(11 14 13 16-0028)*		
11 14 13 16-0055	EA	One-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Transparent Arms	42,973.68	1,591.95
11 14 13 16-0056	EA	One-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Transparent Arms	45,489.54	1,591.95
11 14 13 16-0057	EA	One-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Transparent Panels	46,587.97	1,591.95
11 14 13 16-0058	EA	One-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Transparent Arms	76,638.36	2,374.76
11 14 13 16-0059	EA	One-Way, Double 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Transparent Arms	81,483.49	2,374.76
11 14 13 16-0060		**Electrical, Two-Way** *(11 14 13 16-0001)*		
11 14 13 16-0061		**Galvanized Steel** *(11 14 13 16-0060)*		
11 14 13 16-0062	EA	Two-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Galvanized Steel	14,429.52	1,591.71
11 14 13 16-0063	EA	Two-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Galvanized Steel	16,117.79	1,591.71
11 14 13 16-0064	EA	Two-Way, "Handicapped" 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Galvanized Steel	36,950.39	2,374.76

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 14 13 16-0065	EA	Two-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Galvanized Steel	30,624.63	2,374.76
11 14 13 16-0066		**Powder Coated Steel** *(11 14 13 16-0060)*		
11 14 13 16-0067	EA	Two-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Powder Coated Steel	15,955.28	1,591.71
11 14 13 16-0068	EA	Two-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Powder Coated Steel	17,893.34	1,591.71
11 14 13 16-0069	EA	Two-Way, "Handicapped" 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Powder Coated Steel	42,665.24	2,374.76
11 14 13 16-0070	EA	Two-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Powder Coated Steel	33,375.22	2,374.76
11 14 13 16-0071		**Anodized Aluminum** *(11 14 13 16-0060)*		
11 14 13 16-0072	EA	Two-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Anodized Aluminum With Stainless Steel Arms	16,370.58	1,591.71
11 14 13 16-0073	EA	Two-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Anodized Aluminum With Stainless Steel Arms	17,261.36	1,591.71
11 14 13 16-0074	EA	Two-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Complete Anodized Aluminum	28,155.39	1,591.71
11 14 13 16-0075	EA	Two-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Anodized Aluminum With Stainless Steel Arms	33,934.97	2,374.76
11 14 13 16-0076	EA	Two-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Complete Anodized Aluminum	54,441.02	2,374.76
11 14 13 16-0077		**Stainless Steel** *(11 14 13 16-0060)*		
11 14 13 16-0078	EA	Two-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Stainless Steel	26,283.54	1,591.71
11 14 13 16-0079	EA	Two-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Stainless Steel	28,089.18	1,591.71
11 14 13 16-0080	EA	Two-Way, "Handicapped" 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Stainless Steel	44,510.00	2,374.76
11 14 13 16-0081	EA	Two-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Stainless Steel	51,392.50	2,374.76
11 14 13 16-0082	EA	Two-Way, Double 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Stainless Steel	57,077.26	2,374.76
11 14 13 16-0083		**Transparent** *(11 14 13 16-0060)*		
11 14 13 16-0084	EA	Two-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Transparent Arms	43,846.40	1,591.95
11 14 13 16-0085	EA	Two-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Transparent Arms	46,211.79	1,591.95
11 14 13 16-0086	EA	Two-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Transparent Panels	47,569.03	1,591.95
11 14 13 16-0087	EA	Two-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Transparent Arms	78,474.09	2,374.76
11 14 13 16-0088	EA	One-Way, Double 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Transparent Arms	82,988.19	2,374.76
11 14 13 16-0089		**Electrical Options** *(11 14 13 16-0001)*		
11 14 13 16-0090	EA	Additional Set Of Electric Controls, Per Rotor, Add	1,002.13	
11 14 13 16-0091	EA	Indicator Lights, Set, Red/Green, Per Controlled Direction, Add	704.20	
11 14 13 16-0092	EA	Time-Out-Relay, Per Controlled Direction	231.72	
11 14 13 16-0093	EA	Pulse-Relay, Per Controlled Direction	231.72	
11 14 13 16-0094	EA	Pushbutton, Per Controlled Direction	183.57	
11 14 13 16-0095	EA	Heel Protectors, (Per Heel Protector), Add	180.56	
11 14 13 16-0096	EA	Card Reader Mounting Pad, Per Reader	165.52	
11 14 13 16-0097	EA	Hydraulic Speed Control (Per Rotor), Add	4,204.13	
11 14 13 16-0098		**Relocate Rotary Gate** *(11 14 13 16-0001)*		
11 14 13 16-0099	EA	Relocate Rotary Gate	4,675.60	

11 14 13 19 Turnstiles *(11 14 13)*

11 14 13 19-0001		**Turnstiles** *(11 14 13 19)*		
11 14 13 19-0002	EA	24" Diameter Manual Turnstile, Three Arm, Two Way	2,744.98	448.86
11 14 13 19-0003	EA	24" Diameter Manual Turnstile, Three Arm, Two Way With Counter	3,592.35	448.86

11 14 16 Pedestrian Control Devices *(11 14)*

11 14 16 00-0001		**Retractable Barrier** *(11 14 16)*		
11 14 16 00-0002	EA	Wall Mounted, Retractable Belt Barrier With Receiver; 6-1/2' (WG269387BK)	103.71	23.80
11 14 16 00-0003	EA	Wall Mounted, Retractable Belt Barrier With Receiver; 10' (WGB2093791)	183.49	23.80
11 14 16 00-0004	EA	Wall Mounted, Retractable Belt Barrier With Receiver; 15' (WGB2093770)	223.38	23.80
11 14 16 00-0005	EA	Wall Mounted, Retractable Belt Barrier With Receiver; 30' (WGB2093771)	363.00	23.80

11 30 Residential Equipment *(11)*

11 30 13 Residential Appliances *(11 30)*

11 30 13 13 Residential Kitchen Appliances *(11 30 13)*

Note: Includes standard colors. Excludes stainless steel.

11 30 13 13-0001		**Residential Refrigerators/Freezers** *(11 30 13 13)*		
11 30 13 13-0002	EA	18 CF Refrigerator	1,497.86	264.41

11 40 Foodservice Equipment *(11)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

11 41 Foodservice Storage Equipment *(11 40)*

11 41 23 Walk-In-Coolers *(11 41)*

11 41 23 00-0001 Walk-In Refrigerated Boxes *(11 41 23)*

Note: Overall height includes 4" floor panel and 4" ceiling panel. See CSI section 11 41 23 00-0171 for air cooled condensing units for coolers and freezers, 11 41 23 00-0282 for accessories, 21 13 16 00-0000 for dry-pipe sprinkler heads, 26 50 00 00-0000 for lighting.

11 41 23 00-0002 Walk-In Refrigerated Unit, 7'6" High With Floor *(11 41 23 00-0001)*

Note: 10 Gauge smooth aluminum floor, galvalume® exterior and interior panels (walls and ceiling), includes 36" x 78" hinged door. Excludes extra accessories, refrigeration, partitions or roof. 6', 7', 8' and 9' wide.

11 41 23 00-0003	EA	6' x 6' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	18,949.06	1,436.34
		For Refrigerated Boxes Without Floor, Deduct	*-4,258.40*	
11 41 23 00-0004	EA	6' x 8' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	22,740.47	1,615.88
		For Refrigerated Boxes Without Floor, Deduct	*-5,146.49*	
11 41 23 00-0005	EA	6' x 10' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	24,001.82	1,795.43
		For Refrigerated Boxes Without Floor, Deduct	*-5,401.98*	
11 41 23 00-0006	EA	6' x 12' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	27,024.79	2,154.51
		For Refrigerated Boxes Without Floor, Deduct	*-6,038.41*	
11 41 23 00-0007	EA	6' x 14' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	31,147.46	2,513.60
		For Refrigerated Boxes Without Floor, Deduct	*-6,949.45*	
11 41 23 00-0008	EA	6' x 16' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	34,339.65	2,872.69
		For Refrigerated Boxes Without Floor, Deduct	*-7,627.18*	
11 41 23 00-0009	EA	6' x 18' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	37,470.55	3,231.78
		For Refrigerated Boxes Without Floor, Deduct	*-8,290.38*	
11 41 23 00-0010	EA	8' x 8' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	25,045.19	1,795.43
		For Refrigerated Boxes Without Floor, Deduct	*-5,662.82*	
11 41 23 00-0011	EA	8' x 10' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	27,401.23	1,974.97
		For Refrigerated Boxes Without Floor, Deduct	*-6,192.16*	
11 41 23 00-0012	EA	8' x 12' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	30,770.50	2,334.06
		For Refrigerated Boxes Without Floor, Deduct	*-6,914.26*	
11 41 23 00-0013	EA	8' x 14' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	35,326.54	2,693.15
		For Refrigerated Boxes Without Floor, Deduct	*-7,933.92*	
11 41 23 00-0014	EA	8' x 16' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	38,759.58	3,052.23
		For Refrigerated Boxes Without Floor, Deduct	*-8,672.85*	
11 41 23 00-0015	EA	8' x 18' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	42,312.60	3,411.32
		For Refrigerated Boxes Without Floor, Deduct	*-9,440.84*	
11 41 23 00-0016	EA	8' x 20' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	45,743.61	3,770.40
		For Refrigerated Boxes Without Floor, Deduct	*-10,179.77*	
11 41 23 00-0017	EA	8' x 22' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	49,283.22	4,129.48
		For Refrigerated Boxes Without Floor, Deduct	*-10,943.94*	
11 41 23 00-0018	EA	8' x 24' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	52,731.55	4,488.57
		For Refrigerated Boxes Without Floor, Deduct	*-11,686.70*	

11 41 23 00-0019 Walk-In Refrigerated Unit, 7'6" High With Floor *(11 41 23 00-0001)*

Note: 10 Gauge smooth aluminum floor, galvalume® exterior and interior panels (walls and ceiling), includes 36" x 78" hinged door. Excludes extra accessories, refrigeration, partitions or roof. 10', 11' and 12' wide.

11 41 23 00-0020	EA	10' x 10' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	31,143.20	2,154.51
		For Refrigerated Boxes Without Floor, Deduct	*-7,068.01*	
11 41 23 00-0021	EA	10' x 12' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	34,858.93	2,513.60
		For Refrigerated Boxes Without Floor, Deduct	*-7,877.31*	
11 41 23 00-0022	EA	10' x 14' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	38,751.80	2,872.69
		For Refrigerated Boxes Without Floor, Deduct	*-8,730.22*	
11 41 23 00-0023	EA	10' x 16' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	42,408.97	3,231.78
		For Refrigerated Boxes Without Floor, Deduct	*-9,524.99*	
11 41 23 00-0024	EA	10' x 18' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	46,368.55	3,590.86
		For Refrigerated Boxes Without Floor, Deduct	*-10,396.25*	
11 41 23 00-0025	EA	10' x 20' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	50,019.11	3,949.94
		For Refrigerated Boxes Without Floor, Deduct	*-11,187.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 23 00-0026	EA	10' x 22' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	53,994.49	4,309.03
		For Refrigerated Boxes Without Floor, Deduct	*-12,063.05*	
11 41 23 00-0027	EA	10' x 24' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	57,632.63	4,668.12
		For Refrigerated Boxes Without Floor, Deduct	*-12,853.23*	
11 41 23 00-0028	EA	10' x 26' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	61,597.30	5,027.20
		For Refrigerated Boxes Without Floor, Deduct	*-13,724.49*	
11 41 23 00-0029	EA	10' x 28' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	65,258.74	5,386.29
		For Refrigerated Boxes Without Floor, Deduct	*-14,519.26*	
11 41 23 00-0030	EA	10' x 30' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	69,462.91	5,924.92
		For Refrigerated Boxes Without Floor, Deduct	*-15,391.28*	
11 41 23 00-0031	EA	10' x 32' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	73,330.14	6,463.54
		For Refrigerated Boxes Without Floor, Deduct	*-16,181.46*	
11 41 23 00-0032	EA	12' x 12' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	38,585.16	2,693.15
		For Refrigerated Boxes Without Floor, Deduct	*-8,748.58*	
11 41 23 00-0033	EA	12' x 14' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	42,936.13	3,052.23
		For Refrigerated Boxes Without Floor, Deduct	*-9,716.99*	
11 41 23 00-0034	EA	12' x 16' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	46,902.22	3,411.32
		For Refrigerated Boxes Without Floor, Deduct	*-10,588.25*	
11 41 23 00-0035	EA	12' x 18' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	51,232.79	3,770.40
		For Refrigerated Boxes Without Floor, Deduct	*-11,552.07*	
11 41 23 00-0036	EA	12' x 20' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	55,219.13	4,129.48
		For Refrigerated Boxes Without Floor, Deduct	*-12,427.92*	
11 41 23 00-0037	EA	12' x 22' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	59,548.67	4,488.57
		For Refrigerated Boxes Without Floor, Deduct	*-13,390.98*	
11 41 23 00-0038	EA	12' x 24' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	63,507.33	4,847.66
		For Refrigerated Boxes Without Floor, Deduct	*-14,262.24*	
11 41 23 00-0039	EA	12' x 26' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	67,863.67	5,206.75
		For Refrigerated Boxes Without Floor, Deduct	*-15,230.65*	
11 41 23 00-0040	EA	12' x 28' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	71,951.45	5,655.61
		For Refrigerated Boxes Without Floor, Deduct	*-16,101.91*	
11 41 23 00-0041	EA	12' x 30' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	76,524.09	6,194.23
		For Refrigerated Boxes Without Floor, Deduct	*-17,065.73*	
11 41 23 00-0042	EA	12' x 32' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	80,743.46	6,732.86
		For Refrigerated Boxes Without Floor, Deduct	*-17,941.58*	
11 41 23 00-0043	EA	12' x 34' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	85,306.11	7,271.49
		For Refrigerated Boxes Without Floor, Deduct	*-18,904.64*	
11 41 23 00-0044	EA	12' x 36' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	89,501.82	7,810.12
		For Refrigerated Boxes Without Floor, Deduct	*-19,775.90*	

11 41 23 00-0045 Walk-In Refrigerated Unit, 7'6" High With Floor *(11 41 23 00-0001)*

Note: 10 Gauge smooth aluminum floor, galvalume® exterior and interior panels (walls and ceiling), includes 36" x 78" hinged door. Excludes extra accessories, refrigeration, partitions or roof. 13', 14' and 15' wide.

11 41 23 00-0046	EA	14' x 14' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	51,196.56	3,231.78
		For Refrigerated Boxes Without Floor, Deduct	*-11,721.88*	
11 41 23 00-0047	EA	14' x 16' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	56,092.42	3,590.86
		For Refrigerated Boxes Without Floor, Deduct	*-12,827.22*	
11 41 23 00-0048	EA	14' x 18' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	61,413.60	3,949.94
		For Refrigerated Boxes Without Floor, Deduct	*-14,035.82*	
11 41 23 00-0049	EA	14' x 20' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	66,309.96	4,309.03
		For Refrigerated Boxes Without Floor, Deduct	*-15,141.91*	
11 41 23 00-0050	EA	14' x 22' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	71,603.42	4,668.12
		For Refrigerated Boxes Without Floor, Deduct	*-16,345.92*	
11 41 23 00-0051	EA	14' x 24' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	76,525.80	5,027.20
		For Refrigerated Boxes Without Floor, Deduct	*-17,456.61*	
11 41 23 00-0052	EA	14' x 26' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	81,824.20	5,386.29
		For Refrigerated Boxes Without Floor, Deduct	*-18,660.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 23 00-0053	EA	14' x 28' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	86,964.65	5,924.92
		For Refrigerated Boxes Without Floor, Deduct	*-19,766.72*	
11 41 23 00-0054	EA	14' x 30' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	92,505.56	6,463.54
		For Refrigerated Boxes Without Floor, Deduct	*-20,975.32*	
11 41 23 00-0055	EA	14' x 32' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	97,673.79	7,002.17
		For Refrigerated Boxes Without Floor, Deduct	*-22,080.65*	
11 41 23 00-0056	EA	14' x 34' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	103,190.75	7,540.80
		For Refrigerated Boxes Without Floor, Deduct	*-23,285.43*	
11 41 23 00-0057	EA	14' x 36' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	108,353.97	7,989.66
		For Refrigerated Boxes Without Floor, Deduct	*-24,395.35*	

11 41 23 00-0058 Walk-In Refrigerated Unit, 7'6" High With Floor *(11 41 23 00-0001)*

Note: 10 Gauge smooth aluminum floor, galvalume® exterior and interior panels (walls and ceiling), includes 36" x 78" hinged door. Excludes extra accessories, refrigeration, partitions or roof. 16', 17' and 18' wide.

11 41 23 00-0059	EA	16' x 16' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	61,516.59	3,770.40
		For Refrigerated Boxes Without Floor, Deduct	*-14,123.02*	
11 41 23 00-0060	EA	16' x 18' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	67,228.63	4,129.48
		For Refrigerated Boxes Without Floor, Deduct	*-15,430.30*	
11 41 23 00-0061	EA	16' x 20' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	72,745.35	4,488.57
		For Refrigerated Boxes Without Floor, Deduct	*-16,690.15*	
11 41 23 00-0062	EA	16' x 22' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	78,466.42	4,847.66
		For Refrigerated Boxes Without Floor, Deduct	*-18,002.01*	
11 41 23 00-0063	EA	16' x 24' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	83,988.53	5,206.75
		For Refrigerated Boxes Without Floor, Deduct	*-19,261.86*	
11 41 23 00-0064	EA	16' x 26' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	89,820.36	5,655.61
		For Refrigerated Boxes Without Floor, Deduct	*-20,569.14*	
11 41 23 00-0065	EA	16' x 28' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	95,595.48	6,194.23
		For Refrigerated Boxes Without Floor, Deduct	*-21,833.58*	
11 41 23 00-0066	EA	16' x 30' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	101,540.55	6,732.86
		For Refrigerated Boxes Without Floor, Deduct	*-23,140.85*	
11 41 23 00-0067	EA	16' x 32' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	107,290.38	7,271.49
		For Refrigerated Boxes Without Floor, Deduct	*-24,400.70*	
11 41 23 00-0068	EA	16' x 34' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	113,248.50	7,810.12
		For Refrigerated Boxes Without Floor, Deduct	*-25,712.57*	
11 41 23 00-0069	EA	18' x 18' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	72,105.12	4,309.03
		For Refrigerated Boxes Without Floor, Deduct	*-16,590.70*	
11 41 23 00-0070	EA	18' x 20' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	77,979.93	4,668.12
		For Refrigerated Boxes Without Floor, Deduct	*-17,940.05*	
11 41 23 00-0071	EA	18' x 22' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	84,184.34	5,027.20
		For Refrigerated Boxes Without Floor, Deduct	*-19,371.25*	
11 41 23 00-0072	EA	18' x 24' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	90,048.79	5,386.29
		For Refrigerated Boxes Without Floor, Deduct	*-20,716.77*	
11 41 23 00-0073	EA	18' x 26' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	96,504.94	5,924.92
		For Refrigerated Boxes Without Floor, Deduct	*-22,151.79*	
11 41 23 00-0074	EA	18' x 28' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	102,593.54	6,463.54
		For Refrigerated Boxes Without Floor, Deduct	*-23,497.31*	
11 41 23 00-0075	EA	18' x 30' Walk-in Refrigerated Box, 7' 6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	109,065.22	7,002.17
		For Refrigerated Boxes Without Floor, Deduct	*-24,928.51*	
11 41 23 00-0076	EA	18' x 32' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	115,160.47	7,540.80
		For Refrigerated Boxes Without Floor, Deduct	*-26,277.86*	
11 41 23 00-0077	EA	18' x 34' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	121,608.78	8,079.43
		For Refrigerated Boxes Without Floor, Deduct	*-27,709.05*	
11 41 23 00-0078	EA	18' x 36' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	127,927.62	8,737.76
		For Refrigerated Boxes Without Floor, Deduct	*-29,054.57*	

11 41 23 00-0079 Walk-In Refrigerated Unit, 8'6" High With Floor *(11 41 23 00-0001)*

Note: 10 Gauge smooth aluminum floor, galvalume® exterior and interior panels (walls and ceiling), includes 36" x 78" hinged door. Excludes extra accessories, refrigeration, partitions or roof. 6', 7', 8' and 9' wide.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 23 00-0080	EA	6' x 6' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	20,056.69	1,436.34
		For Refrigerated Boxes Without Floor, Deduct	*-4,535.31*	
11 41 23 00-0081	EA	6' x 8' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	23,168.84	1,615.88
		For Refrigerated Boxes Without Floor, Deduct	*-5,253.58*	
11 41 23 00-0082	EA	6' x 10' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	25,409.30	1,795.43
		For Refrigerated Boxes Without Floor, Deduct	*-5,753.85*	
11 41 23 00-0083	EA	6' x 12' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	28,640.33	2,154.51
		For Refrigerated Boxes Without Floor, Deduct	*-6,442.29*	
11 41 23 00-0084	EA	6' x 14' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	32,854.80	2,513.60
		For Refrigerated Boxes Without Floor, Deduct	*-7,376.28*	
11 41 23 00-0085	EA	6' x 16' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	36,255.05	2,872.69
		For Refrigerated Boxes Without Floor, Deduct	*-8,106.03*	
11 41 23 00-0086	EA	6' x 18' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	39,477.74	3,231.78
		For Refrigerated Boxes Without Floor, Deduct	*-8,792.18*	
11 41 23 00-0087	EA	8' x 8' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	26,568.95	1,795.43
		For Refrigerated Boxes Without Floor, Deduct	*-6,043.76*	
11 41 23 00-0088	EA	8' x 10' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	29,016.77	1,974.97
		For Refrigerated Boxes Without Floor, Deduct	*-6,596.05*	
11 41 23 00-0089	EA	8' x 12' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	32,594.10	2,334.06
		For Refrigerated Boxes Without Floor, Deduct	*-7,370.16*	
11 41 23 00-0090	EA	8' x 14' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	37,241.94	2,693.15
		For Refrigerated Boxes Without Floor, Deduct	*-8,412.77*	
11 41 23 00-0091	EA	8' x 16' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	40,883.04	3,052.23
		For Refrigerated Boxes Without Floor, Deduct	*-9,203.71*	
11 41 23 00-0092	EA	8' x 18' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	44,527.86	3,411.32
		For Refrigerated Boxes Without Floor, Deduct	*-9,994.66*	
11 41 23 00-0093	EA	8' x 20' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	48,166.92	3,770.40
		For Refrigerated Boxes Without Floor, Deduct	*-10,785.60*	
11 41 23 00-0094	EA	8' x 22' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	51,798.33	4,129.48
		For Refrigerated Boxes Without Floor, Deduct	*-11,572.72*	
11 41 23 00-0095	EA	8' x 24' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	55,454.73	4,488.57
		For Refrigerated Boxes Without Floor, Deduct	*-12,367.49*	

11 41 23 00-0096 Walk-In Refrigerated Unit, 8'6" High With Floor *(11 41 23 00-0001)*

Note: 10 Gauge smooth aluminum floor, galvalume® exterior and interior panels (walls and ceiling), includes 36" x 78" hinged door. Excludes extra accessories, refrigeration, partitions or roof. 10', 11' and 12' wide.

11 41 23 00-0097	EA	10' x 10' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	32,850.54	2,154.51
		For Refrigerated Boxes Without Floor, Deduct	*-7,494.85*	
11 41 23 00-0098	EA	10' x 12' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	36,774.33	2,513.60
		For Refrigerated Boxes Without Floor, Deduct	*-8,356.16*	
11 41 23 00-0099	EA	10' x 14' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	40,758.99	2,872.69
		For Refrigerated Boxes Without Floor, Deduct	*-9,232.02*	
11 41 23 00-0100	EA	10' x 16' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	44,624.23	3,231.78
		For Refrigerated Boxes Without Floor, Deduct	*-10,078.80*	
11 41 23 00-0101	EA	10' x 18' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	48,675.60	3,590.86
		For Refrigerated Boxes Without Floor, Deduct	*-10,973.01*	
11 41 23 00-0102	EA	10' x 20' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	52,534.22	3,949.94
		For Refrigerated Boxes Without Floor, Deduct	*-11,815.97*	
11 41 23 00-0103	EA	10' x 22' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	56,601.39	4,309.03
		For Refrigerated Boxes Without Floor, Deduct	*-12,714.77*	
11 41 23 00-0104	EA	10' x 24' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	60,447.59	4,668.12
		For Refrigerated Boxes Without Floor, Deduct	*-13,556.97*	
11 41 23 00-0105	EA	10' x 26' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	64,504.06	5,027.20
		For Refrigerated Boxes Without Floor, Deduct	*-14,451.18*	
11 41 23 00-0106	EA	10' x 28' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	68,373.56	5,386.29
		For Refrigerated Boxes Without Floor, Deduct	*-15,297.96*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 23 00-0107	EA	10' x 30' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	72,669.52	5,924.92
		For Refrigerated Boxes Without Floor, Deduct	*-16,192.94*	
11 41 23 00-0108	EA	10' x 32' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	76,744.81	6,373.77
		For Refrigerated Boxes Without Floor, Deduct	*-17,035.13*	
11 41 23 00-0109	EA	12' x 12' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	40,708.63	2,693.15
		For Refrigerated Boxes Without Floor, Deduct	*-9,279.44*	
11 41 23 00-0110	EA	12' x 14' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	45,151.39	3,052.23
		For Refrigerated Boxes Without Floor, Deduct	*-10,270.80*	
11 41 23 00-0111	EA	12' x 16' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	49,325.54	3,411.32
		For Refrigerated Boxes Without Floor, Deduct	*-11,194.08*	
11 41 23 00-0112	EA	12' x 18' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	53,747.90	3,770.40
		For Refrigerated Boxes Without Floor, Deduct	*-12,180.85*	
11 41 23 00-0113	EA	12' x 20' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	57,942.30	4,129.48
		For Refrigerated Boxes Without Floor, Deduct	*-13,108.71*	
11 41 23 00-0114	EA	12' x 22' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	62,363.63	4,488.57
		For Refrigerated Boxes Without Floor, Deduct	*-14,094.72*	
11 41 23 00-0115	EA	12' x 24' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	66,530.35	4,847.66
		For Refrigerated Boxes Without Floor, Deduct	*-15,017.99*	
11 41 23 00-0116	EA	12' x 26' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	70,978.49	5,206.75
		For Refrigerated Boxes Without Floor, Deduct	*-16,009.35*	
11 41 23 00-0117	EA	12' x 28' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	75,274.34	5,655.61
		For Refrigerated Boxes Without Floor, Deduct	*-16,932.63*	
11 41 23 00-0118	EA	12' x 30' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	79,938.77	6,194.23
		For Refrigerated Boxes Without Floor, Deduct	*-17,919.40*	
11 41 23 00-0119	EA	12' x 32' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	84,366.20	6,732.86
		For Refrigerated Boxes Without Floor, Deduct	*-18,847.27*	
11 41 23 00-0120	EA	12' x 34' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	89,020.64	7,271.49
		For Refrigerated Boxes Without Floor, Deduct	*-19,833.27*	
11 41 23 00-0121	EA	12' x 36' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	93,424.41	7,810.12
		For Refrigerated Boxes Without Floor, Deduct	*-20,756.55*	

11 41 23 00-0122 Walk-In Refrigerated Unit, 8'6" High With Floor *(11 41 23 00-0001)*

Note: 10 Gauge smooth aluminum floor, galvalume® exterior and interior panels (walls and ceiling), includes 36" x 78" hinged door. Excludes extra accessories, refrigeration, partitions or roof. 13', 14' and 15' wide.

11 41 23 00-0123	EA	14' x 14' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	53,503.61	3,231.78
		For Refrigerated Boxes Without Floor, Deduct	*-12,298.65*	
11 41 23 00-0124	EA	14' x 16' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	58,607.53	3,590.86
		For Refrigerated Boxes Without Floor, Deduct	*-13,455.99*	
11 41 23 00-0125	EA	14' x 18' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	64,020.50	3,949.94
		For Refrigerated Boxes Without Floor, Deduct	*-14,687.54*	
11 41 23 00-0126	EA	14' x 20' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	69,124.93	4,309.03
		For Refrigerated Boxes Without Floor, Deduct	*-15,845.66*	
11 41 23 00-0127	EA	14' x 22' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	74,510.18	4,668.12
		For Refrigerated Boxes Without Floor, Deduct	*-17,072.61*	
11 41 23 00-0128	EA	14' x 24' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	79,640.62	5,027.20
		For Refrigerated Boxes Without Floor, Deduct	*-18,235.32*	
11 41 23 00-0129	EA	14' x 26' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	85,030.81	5,386.29
		For Refrigerated Boxes Without Floor, Deduct	*-19,462.27*	
11 41 23 00-0130	EA	14' x 28' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	90,379.33	5,924.92
		For Refrigerated Boxes Without Floor, Deduct	*-20,620.39*	
11 41 23 00-0131	EA	14' x 30' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	96,012.03	6,463.54
		For Refrigerated Boxes Without Floor, Deduct	*-21,851.94*	
11 41 23 00-0132	EA	14' x 32' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	101,388.32	7,002.17
		For Refrigerated Boxes Without Floor, Deduct	*-23,009.28*	
11 41 23 00-0133	EA	14' x 34' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	106,997.07	7,540.80
		For Refrigerated Boxes Without Floor, Deduct	*-24,237.01*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 23 00-0134	EA	14' x 36' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	112,368.35	8,079.43
		For Refrigerated Boxes Without Floor, Deduct	*-25,398.94*	

11 41 23 00-0135 Walk-In Refrigerated Unit, 8'6" High With Floor *(11 41 23 00-0001)*

Note: 10 Gauge smooth aluminum floor, galvalume® exterior and interior panels (walls and ceiling), includes 36" x 78" hinged door. Excludes extra accessories, refrigeration, partitions or roof. 16', 17' and 18' wide.

11 41 23 00-0136	EA	16' x 16' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	64,239.76	3,770.40
		For Refrigerated Boxes Without Floor, Deduct	*-14,803.81*	
11 41 23 00-0137	EA	16' x 18' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	70,043.59	4,129.48
		For Refrigerated Boxes Without Floor, Deduct	*-16,134.04*	
11 41 23 00-0138	EA	16' x 20' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	75,768.37	4,488.57
		For Refrigerated Boxes Without Floor, Deduct	*-17,445.90*	
11 41 23 00-0139	EA	16' x 22' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	81,581.24	4,847.66
		For Refrigerated Boxes Without Floor, Deduct	*-18,780.72*	
11 41 23 00-0140	EA	16' x 24' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	87,311.41	5,206.75
		For Refrigerated Boxes Without Floor, Deduct	*-20,092.58*	
11 41 23 00-0141	EA	16' x 26' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	93,235.04	5,655.61
		For Refrigerated Boxes Without Floor, Deduct	*-21,422.81*	
11 41 23 00-0142	EA	16' x 28' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	99,218.22	6,194.23
		For Refrigerated Boxes Without Floor, Deduct	*-22,739.26*	
11 41 23 00-0143	EA	16' x 30' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	105,255.08	6,732.86
		For Refrigerated Boxes Without Floor, Deduct	*-24,069.49*	
11 41 23 00-0144	EA	16' x 32' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	111,212.97	7,271.49
		For Refrigerated Boxes Without Floor, Deduct	*-25,381.35*	
11 41 23 00-0145	EA	16' x 34' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	117,262.88	7,810.12
		For Refrigerated Boxes Without Floor, Deduct	*-26,716.16*	
11 41 23 00-0146	EA	18' x 18' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	75,011.88	4,309.03
		For Refrigerated Boxes Without Floor, Deduct	*-17,317.39*	
11 41 23 00-0147	EA	18' x 20' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	81,094.75	4,668.12
		For Refrigerated Boxes Without Floor, Deduct	*-18,718.76*	
11 41 23 00-0148	EA	18' x 22' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	87,390.96	5,027.20
		For Refrigerated Boxes Without Floor, Deduct	*-20,172.90*	
11 41 23 00-0149	EA	18' x 24' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	93,463.47	5,386.29
		For Refrigerated Boxes Without Floor, Deduct	*-21,570.44*	
11 41 23 00-0150	EA	18' x 26' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	100,011.40	5,924.92
		For Refrigerated Boxes Without Floor, Deduct	*-23,028.41*	
11 41 23 00-0151	EA	18' x 28' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	106,308.07	6,463.54
		For Refrigerated Boxes Without Floor, Deduct	*-24,425.95*	
11 41 23 00-0152	EA	18' x 30' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	112,871.54	7,002.17
		For Refrigerated Boxes Without Floor, Deduct	*-25,880.09*	
11 41 23 00-0153	EA	18' x 32' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	119,174.86	7,540.80
		For Refrigerated Boxes Without Floor, Deduct	*-27,281.45*	
11 41 23 00-0154	EA	18' x 34' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	125,714.96	8,079.43
		For Refrigerated Boxes Without Floor, Deduct	*-28,735.60*	
11 41 23 00-0155	EA	18' x 36' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	132,241.86	8,737.76
		For Refrigerated Boxes Without Floor, Deduct	*-30,133.13*	

11 41 23 00-0156 Walk-In Refrigerated Unit Metal Price Add-Ons *(11 41 23 00-0001)*

11 41 23 00-0157	SF	Metal Price Add-on, 190 Series Embossed White Polyester vs. 24 Gauge Galvalume®	1.30
11 41 23 00-0158	SF	Metal Price Add-ons, 24 Gauge White Polyester vs. 24 Gauge Galvalume®	2.41
11 41 23 00-0159	SF	Metal Price Add-ons, 0.038" Stucco Embossed Aluminum vs. 24 Gauge Galvalume®	3.38
11 41 23 00-0160	SF	Metal Price Add-ons, 22 Gauge Stainless Steel vs. 24 Gauge Galvalume®	23.87
11 41 23 00-0161	SF	Metal Price Add-ons, 20 Gauge Stainless Steel vs. 24 Gauge Galvalume®	31.21
11 41 23 00-0162	SF	Metal Price Add-ons, 24 Gauge Embossed Tan Polyester vs. 24 Gauge Galvalume®	3.85
11 41 23 00-0163	SF	Metal Price Add-ons, 0.040" Embossed White Aluminum vs. 24 Gauge Galvalume®	9.47
11 41 23 00-0164	SF	Metal Price Add-ons, 0.040" Smooth White Aluminum vs. 24 Gauge Galvalume®	12.24
11 41 23 00-0165	SF	Metal Price Add-ons, 24 Gauge Smooth Kynar® Painted vs. 24 Gauge Galvalume®	12.85
11 41 23 00-0166	SF	Metal Price Deducts, 14 GA Galvanized vs. 10 Gauge Smooth Aluminum Interior Floor	-17.26
11 41 23 00-0167	SF	Metal Price Add-ons, 16 GA Stainless Steel Type 430 vs. 10 Gauge Smooth Aluminum Interior Floor	7.20
11 41 23 00-0168	SF	Metal Price Add-ons, 16 GA Stainless Steel Type 304 vs. 10 Gauge Smooth Aluminum Interior Floor	18.68
11 41 23 00-0169	SF	Metal Price Add-ons, 12 GA Rigid Aluminum vs. 10 Gauge Smooth Aluminum Interior Floor	16.38

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 23 00-0170	SF	Metal Price Add-ons, 16 GA Rigid Stainless Steel vs. 10 Gauge Smooth Aluminum Interior Floor	53.09	
11 41 23 00-0171		**Air Cooled Condensing Units For Walk-In Coolers And Freezers** *(11 41 23)*		
11 41 23 00-0172		**Medium Temperature Hermetic System, Indoor** *(11 41 23 00-0171)* Note: Consists of air cooled hermetic condensing unit, evaporator, and standard indoor features as described by manufacturer; Bally.		
11 41 23 00-0173		**208/230 Volt, 1 Phase** *(11 41 23 00-0172)* Note: Pre-Assembled indoor R404a.		
11 41 23 00-0174	EA	1/2 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	4,908.73	158.93
11 41 23 00-0175	EA	3/4 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	5,177.56	185.42
11 41 23 00-0176	EA	1 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	5,966.45	211.90
11 41 23 00-0177	EA	1-1/2 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	6,431.50	238.40
11 41 23 00-0178	EA	2 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	7,084.28	264.88
11 41 23 00-0179	EA	3 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	7,954.30	317.86
11 41 23 00-0180	EA	4 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	10,829.88	370.83
11 41 23 00-0181	EA	5 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	11,607.88	423.81
11 41 23 00-0182		**208/230 Volt, 3 Phase** *(11 41 23 00-0172)* Note: Pre-Assembled indoor R404a.		
11 41 23 00-0183	EA	1 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	5,975.04	211.90
11 41 23 00-0184	EA	1-1/2 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	6,431.50	238.40
11 41 23 00-0185	EA	2 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	7,161.55	264.88
11 41 23 00-0186	EA	3 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	7,862.32	317.86
11 41 23 00-0187	EA	4 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	10,829.88	370.83
11 41 23 00-0188	EA	5 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	11,501.17	423.81
11 41 23 00-0189		**Medium Temperature Hermetic System, Outdoor** *(11 41 23 00-0171)* Note: Consists of air cooled hermetic condensing unit, evaporator, and standard indoor features as described by manufacturer; Bally.		
11 41 23 00-0190		**208/230 Volt, 1 Phase** *(11 41 23 00-0189)* Note: Pre-Assembled outdoor R404a.		
11 41 23 00-0191	EA	1/2 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	4,209.15	158.93
11 41 23 00-0192	EA	3/4 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	4,634.55	185.42
11 41 23 00-0193	EA	1 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	5,344.60	211.90
11 41 23 00-0194	EA	1-1/2 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	5,569.28	238.40
11 41 23 00-0195	EA	2 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	5,978.32	264.88
11 41 23 00-0196	EA	3 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	6,809.80	317.86
11 41 23 00-0197	EA	4 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	9,101.30	370.83
11 41 23 00-0198	EA	5 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	9,738.80	423.81
11 41 23 00-0199		**208/230 Volt, 3 Phase** *(11 41 23 00-0189)* Note: Pre-Assembled outdoor R404a.		
11 41 23 00-0200	EA	1 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	5,308.90	211.90
11 41 23 00-0201	EA	1-1/2 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	5,583.75	238.40
11 41 23 00-0202	EA	2 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	6,053.58	264.88
11 41 23 00-0203	EA	3 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	6,738.40	317.86
11 41 23 00-0204	EA	4 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	9,123.49	370.83
11 41 23 00-0205	EA	5 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	9,650.04	423.81
11 41 23 00-0206		**Low Temperature Hermetic System, Indoor** *(11 41 23 00-0171)* Note: Consists of air cooled hermetic condensing unit, evaporator, and standard indoor features as described by manufacturer; Bally.		
11 41 23 00-0207		**208/230 Volt, 1 Phase** *(11 41 23 00-0206)* Note: Pre-Assembled indoor R404a.		
11 41 23 00-0208	EA	1/2 HP Low Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	5,584.55	158.93
11 41 23 00-0209	EA	3/4 HP Low Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	5,783.46	185.42
11 41 23 00-0210	EA	1 HP Low Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	6,052.31	211.90
11 41 23 00-0211	EA	1-1/2 HP Low Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	6,458.49	238.40
11 41 23 00-0212	EA	2 HP Low Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	7,024.18	264.88
11 41 23 00-0213	EA	3 HP Low Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	8,291.60	317.86
11 41 23 00-0214		**208/230 Volt, 3 Phase** *(11 41 23 00-0206)* Note: Pre-Assembled indoor R404a.		
11 41 23 00-0215	EA	1 HP Low Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	6,060.90	211.90
11 41 23 00-0216	EA	1-1/2 HP Low Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	6,458.49	238.40
11 41 23 00-0217	EA	2 HP Low Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	7,103.91	264.88
11 41 23 00-0218	EA	3 HP Low Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	8,203.29	317.86
11 41 23 00-0219		**Low Temperature Hermetic System, Outdoor** *(11 41 23 00-0171)* Note: Consists of air cooled hermetic condensing unit, evaporator, and standard indoor features as described by manufacturer; Bally.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 23 00-0220		**208/230 Volt, 1 Phase** *(11 41 23 00-0219)* Note: Pre-Assembled outdoor R404a.		
11 41 23 00-0221	EA	1/2 HP Low Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	4,956.92	158.93
11 41 23 00-0222	EA	3/4 HP Low Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	5,032.07	185.42
11 41 23 00-0223	EA	1 HP Low Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	5,305.04	211.90
11 41 23 00-0224	EA	1-1/2 HP Low Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	5,750.67	238.40
11 41 23 00-0225	EA	2 HP Low Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	6,274.54	264.88
11 41 23 00-0226	EA	3 HP Low Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	7,063.56	317.86
11 41 23 00-0227		**208/230 Volt, 3 Phase** *(11 41 23 00-0219)* Note: Pre-Assembled outdoor R404a.		
11 41 23 00-0228	EA	1 HP Low Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	5,479.68	211.90
11 41 23 00-0229	EA	1-1/2 HP Low Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	5,836.55	238.40
11 41 23 00-0230	EA	2 HP Low Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	6,344.01	264.88
11 41 23 00-0231	EA	3 HP Low Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	6,993.12	317.86
11 41 23 00-0232		**Medium Temperature Semi-Hermetic System, Indoor** *(11 41 23 00-0171)* Note: Consists of air cooled semi-hermetic condensing unit, evaporator, and standard indoor features as described by manufacturer; Bally.		
11 41 23 00-0233		**208/230 Volt, 1 Phase** *(11 41 23 00-0232)* Note: Pre-Assembled indoor R404a.		
11 41 23 00-0234	EA	1 HP Medium Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	6,338.09	211.90
11 41 23 00-0235	EA	5 HP Medium Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	14,536.81	423.81
11 41 23 00-0236		**208/230 Volt, 3 Phase** *(11 41 23 00-0232)* Note: Pre-Assembled indoor R404a.		
11 41 23 00-0237	EA	1 HP Medium Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	6,343.00	211.90
11 41 23 00-0238	EA	2 HP Medium Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	8,786.69	264.88
11 41 23 00-0239	EA	3 HP Medium Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	10,975.22	317.86
11 41 23 00-0240	EA	5 HP Medium Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	14,336.89	423.81
11 41 23 00-0241		**Medium Temperature Semi-Hermetic System, Outdoor** *(11 41 23 00-0171)* Note: Consists of air cooled semi-hermetic condensing unit, evaporator, and standard indoor features as described by manufacturer; Bally.		
11 41 23 00-0242		**208/230 Volt, 1 Phase** *(11 41 23 00-0241)* Note: Pre-Assembled outdoor R404a.		
11 41 23 00-0243	EA	1 HP Medium Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	5,562.65	211.90
11 41 23 00-0244	EA	5 HP Medium Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	13,716.92	423.81
11 41 23 00-0245		**208/230 Volt, 3 Phase** *(11 41 23 00-0241)* Note: Pre-Assembled outdoor R404a.		
11 41 23 00-0246	EA	1 HP Medium Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	5,572.30	211.90
11 41 23 00-0247	EA	2 HP Medium Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	6,579.43	264.88
11 41 23 00-0248	EA	3 HP Medium Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	9,464.13	317.86
11 41 23 00-0249	EA	5 HP Medium Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	12,396.03	423.81
11 41 23 00-0250		**Low Temperature Semi-Hermetic System, Indoor** *(11 41 23 00-0171)* Note: Consists of air cooled semi-hermetic condensing unit, evaporator, and standard indoor features as described by manufacturer; Bally.		
11 41 23 00-0251		**208/230 Volt, 1 Phase** *(11 41 23 00-0250)* Note: Pre-Assembled indoor R404a.		
11 41 23 00-0252	EA	3/4 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	6,496.07	185.42
11 41 23 00-0253	EA	1 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	6,934.18	211.90
11 41 23 00-0254	EA	1-1/2 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	8,141.27	238.40
11 41 23 00-0255	EA	2 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	9,436.75	264.88
11 41 23 00-0256	EA	3 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	11,938.04	317.86
11 41 23 00-0257		**208/230 Volt, 3 Phase** *(11 41 23 00-0250)* Note: Pre-Assembled indoor R404a.		
11 41 23 00-0258	EA	3/4 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	6,461.73	185.42
11 41 23 00-0259	EA	1 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	6,929.27	211.90

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 23 00-0260	EA	1-1/2 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	8,094.67	238.40
11 41 23 00-0261	EA	2 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	9,355.80	264.88
11 41 23 00-0262	EA	3 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	11,507.53	317.86
11 41 23 00-0263	EA	4 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	16,121.08	370.83
11 41 23 00-0264	EA	6 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	16,966.95	476.79
11 41 23 00-0265	EA	7-1/2 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	24,512.03	556.25

11 41 23 00-0266 Low Temperature Semi-Hermetic System, Outdoor *(11 41 23 00-0171)*

Note: Consists of air cooled semi-hermetic condensing unit, evaporator, and standard indoor features as described by manufacturer; Bally.

11 41 23 00-0267 208/230 Volt, 1 Phase *(11 41 23 00-0266)*

Note: Pre-Assembled outdoor R404a.

11 41 23 00-0268	EA	3/4 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	5,713.26	185.42
11 41 23 00-0269	EA	1 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	5,991.05	211.90
11 41 23 00-0270	EA	1-1/2 Low Medium Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	6,970.26	238.40
11 41 23 00-0271	EA	2 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	8,007.42	264.88
11 41 23 00-0272	EA	3 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz	10,029.54	317.86

11 41 23 00-0273 208/230 Volt, 3 Phase *(11 41 23 00-0266)*

Note: Pre-Assembled outdoor R404a.

11 41 23 00-0274	EA	3/4 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	5,628.35	185.42
11 41 23 00-0275	EA	1 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	5,994.91	211.90
11 41 23 00-0276	EA	1-1/2 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	6,955.78	238.40
11 41 23 00-0277	EA	2 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	7,936.03	264.88
11 41 23 00-0278	EA	3 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	9,723.68	317.86
11 41 23 00-0279	EA	4 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	14,167.78	370.83
11 41 23 00-0280	EA	6 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	14,963.27	476.79
11 41 23 00-0281	EA	7-1/2 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 3 Phase, 60 Hertz	21,044.56	556.25

11 41 23 00-0282 Walk-In Refrigerated Boxes Accessories *(11 41 23)*

See CSI section 08 71 00 00-0000 for additional door accessories.

11 41 23 00-0283 Accessories *(11 41 23 00-0282)*

11 41 23 00-0284	EA	Super Door Package, For 36" Or 42" Door Note: Includes 1/8" diamond-tread on cap and frame (interior and exterior), and 3rd hinge for support.	1,425.90
11 41 23 00-0285	EA	Super Door Package, For 48" Door Note: Includes 1/8" diamond-tread on cap and frame (interior and exterior), and 3rd hinge for support.	2,004.20
11 41 23 00-0286	EA	Super Door Package, For 60" Door Note: Includes 1/8" diamond-tread on cap and frame (interior and exterior), and 3rd hinge for support.	2,004.20
11 41 23 00-0287	EA	14" x 24" Observation Window, Heated	2,382.56
11 41 23 00-0288	EA	Heated Air Vent, Kason	776.19
11 41 23 00-0289	EA	Heated Air Vent, Bally Polyvinyl Chloride (PVC)	2,015.39
11 41 23 00-0290	EA	Interior Ramps For 36" Or 42" Wide Doors	3,026.46
11 41 23 00-0291	EA	Interior Ramps For 48" Wide Doors	3,317.13
11 41 23 00-0292	EA	Interior Ramps For 60" Wide Doors	3,653.71
11 41 23 00-0293	EA	Exterior Ramps For 36" Or 42" Wide Doors	1,172.25
11 41 23 00-0294	EA	Exterior Ramps For 48" Wide Doors	2,224.80
11 41 23 00-0295	EA	Exterior Ramps For 60" Wide Doors	2,224.80
11 41 23 00-0296	EA	Field Installed Extra Vapor-Proof Lights	221.34
11 41 23 00-0297	EA	Field Installed Fluorescent Lights, 48", 2 Tubes	1,313.67
11 41 23 00-0298	EA	Alarm With Digital Thermostat Modularm 75 With Adjustable Setting (Flush Mounted)	2,996.53
11 41 23 00-0299	EA	Alarm With Digital Thermostat Modularm 75B (Battery Backup) (Flush Mounted)	3,152.57
11 41 23 00-0300	EA	Alarm With Digital Thermostat National TM100 With Adjustable Setting (Flush Mounted)	1,466.66
11 41 23 00-0301	EA	Locking Devices, 36" Or 42" Wide Locking Bar	796.57
11 41 23 00-0302	EA	Locking Devices, 48" Wide Locking Bar	918.96
11 41 23 00-0303	EA	Locking Devices, 60" Wide Locking Bar	918.96
11 41 23 00-0304	EA	Locking Devices, Mortise Dead Bolt (Cooler)	1,690.02
11 41 23 00-0305	EA	Locking Devices, Mortise Dead Bolt (Freezer)	2,093.90
11 41 23 00-0306	EA	Blast Freezer Kit, For 36" Or 42" Wide Doors	3,405.87
11 41 23 00-0307	EA	Blast Freezer Kit, For 48" Wide Doors	3,601.69
11 41 23 00-0308	EA	Blast Freezer Kit, For 60" Wide Doors	3,705.72
11 41 23 00-0309	EA	Hardware Options, Polished For 36" Or 42" Door	168.29
11 41 23 00-0310	EA	Hardware Options, Polished For 48" Or 60" Door	137.69
11 41 23 00-0311	EA	Hardware Options, Chrome For 36" Or 42" Door	425.30
11 41 23 00-0312	EA	Hardware Options, Chrome For 48" Or 60" Door	229.48
11 41 23 00-0313	EA	Hardware Options, Positive Latch, 36" Or 42" Door	519.49
11 41 23 00-0314	EA	Hardware Options, Strap Hinges, 36" Or 42" Door	372.62
11 41 23 00-0315	EA	4" Screed Door	904.70
11 41 23 00-0316	EA	Doors Cut For Tile	1,125.00
11 41 23 00-0317	EA	84" High Doors (36" Wide)	1,125.00
11 41 23 00-0318	EA	Doors Raised Or Lowered In Panel	2,743.61
11 41 23 00-0319	EA	57-1/2" Door Section	669.10

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 23 00-0320	EA	3 Way, Interior And Exterior, Light Switches	628.29	
11 41 23 00-0321	EA	3 Way (1 Side Only) Light Switch	317.13	
11 41 23 00-0322	EA	Structural Support, 5" Reinforcing Ceilings (Every 23")	595.30	
11 41 23 00-0323	EA	Structural Support, 6" Reinforcing Ceilings (Every 23")	766.64	
11 41 23 00-0324	LF	Structural Support, Self-Supporting Standard Angle	79.35	
11 41 23 00-0325	LF	Structural Support, Self-Supporting 6" Channel	104.60	
11 41 23 00-0326	LF	Structural Support, Self-Supporting 8" Channel	154.32	
11 41 23 00-0327	LF	Structural Support, Self-Supporting 10" Channel	249.93	
11 41 23 00-0328	LF	Structural Support, Suspended Ceiling Support	42.40	
11 41 23 00-0329	LF	Factory Prepared Opening, Foam Cut Opening	8.06	
11 41 23 00-0330	LF	Factory Prepared Opening, Metal Capped Opening	53.55	
11 41 23 00-0331	LF	Factory Prepared Opening, Wood Framed Opening	19.50	
11 41 23 00-0332	LF	Factory Prepared Opening, Metal Capped Wood Framed Opening	82.61	
11 41 23 00-0333	LF	Factory Prepared Opening, Opening For Glass Doors (Doors Provided By Others, No Charge For Opening When Glass Door Purchased Through Manufacturer)	101.88	
11 41 23 00-0334	SF	Outdoor Weather Roofs, Aluminum Roof Caps	41.07	
11 41 23 00-0335	SF	Outdoor Weather Roofs, Membrane Roof Caps	16.83	
11 41 23 00-0336	SF	Outdoor Weather Roofs, Painted Aluminum Roofs	51.01	
11 41 23 00-0337	SF	1/8" Aluminum Tread Plate	98.42	
11 41 23 00-0338	SF	3/16" Aluminum Tread Plate	120.04	
11 41 23 00-0339	EA	Digitemp Display Thermometer (Indoor Exterior Wall)	650.64	
11 41 23 00-0340	EA	4-1/2" Dial Type Thermometer With 5' Cap Tube	580.27	
11 41 23 00-0341	EA	6" Dial Type Thermometer With 5' Cap Tube	1,960.21	
11 41 23 00-0342	EA	2" Dial Type Thermometer (Standard)	176.38	
11 41 23 00-0343	LF	Extra Capillary Tubing	25.83	

11 41 23 00-0344 Partition Wall For Walk-In Refrigerated Boxes *(11 41 23 00-0282)*

Note: Includes 36" x 78" door. Sizes listed as 7'-2"/7'-6" are for either 7'-2" or 7'-6" high refrigerated boxes. Sizes listed as 8'-2"/8'-6" are for either 8'-2" or 8'-6" high refrigerated boxes.

11 41 23 00-0345	EA	5'-10" Length Partition Wall, 7'-2"/7'-6" High Note: Galvalume both sides.	7,083.68	
		For Embossed White Instead Of Galvalume® On Both Sides, Add	*348.20*	
11 41 23 00-0346	EA	6'-9-1/2" Length Partition Wall, 7'-2"/7'-6" High Note: Galvalume both sides.	7,719.96	
		For Embossed White Instead Of Galvalume® On Both Sides, Add	*379.71*	
11 41 23 00-0347	EA	7'-9" Length Partition Wall, 7'-2"/7'-6" High Note: Galvalume both sides.	7,940.13	
		For Embossed White Instead Of Galvalume® On Both Sides, Add	*390.42*	
11 41 23 00-0348	EA	8'-8-1/2" Length Partition Wall, 7'-2"/7'-6" High Note: Galvalume both sides.	8,588.68	
		For Embossed White Instead Of Galvalume® On Both Sides, Add	*422.55*	
11 41 23 00-0349	EA	9'-8" Length Partition Wall, 7'-2"/7'-6" High Note: Galvalume both sides.	8,404.94	
		For Embossed White Instead Of Galvalume® On Both Sides, Add	*413.07*	
11 41 23 00-0350	EA	10'-7-1/2" Length Partition Wall, 7'-2"/7'-6" High Note: Galvalume both sides.	9,038.18	
		For Embossed White Instead Of Galvalume® On Both Sides, Add	*444.43*	
11 41 23 00-0351	EA	11'-7" Length Partition Wall, 7'-2"/7'-6" High Note: Galvalume both sides.	9,227.74	
		For Embossed White Instead Of Galvalume® On Both Sides, Add	*453.61*	
11 41 23 00-0352	EA	12'-6-1/2" Length Partition Wall, 7'-2"/7'-6" High Note: Galvalume both sides.	10,130.24	
		For Embossed White Instead Of Galvalume® On Both Sides, Add	*498.43*	
11 41 23 00-0353	EA	13'-6" Length Partition Wall, 7'-2"/7'-6" High Note: Galvalume both sides.	9,726.22	
		For Embossed White Instead Of Galvalume® On Both Sides, Add	*477.93*	
11 41 23 00-0354	EA	14'-5-1/2" Length Partition Wall, 7'-2"/7'-6" High Note: Galvalume both sides.	10,362.51	
		For Embossed White Instead Of Galvalume® On Both Sides, Add	*509.45*	
11 41 23 00-0355	EA	15'-5" Length Partition Wall, 7'-2"/7'-6" High Note: Galvalume both sides.	10,597.97	
		For Embossed White Instead Of Galvalume® On Both Sides, Add	*520.92*	
11 41 23 00-0356	EA	16'-4-1/2" Length Partition Wall, 7'-2"/7'-6" High Note: Galvalume both sides.	11,237.33	
		For Embossed White Instead Of Galvalume® On Both Sides, Add	*552.59*	
11 41 23 00-0357	EA	17'-4" Length Partition Wall, 7'-2"/7'-6" High Note: Galvalume both sides.	12,963.24	
		For Embossed White Instead Of Galvalume® On Both Sides, Add	*638.59*	
11 41 23 00-0358	EA	5'-10" Length Partition Wall, 8'-2"/8'-6" High Note: Galvalume both sides.	7,738.47	
		For Embossed White Instead Of Galvalume® On Both Sides, Add	*380.94*	
11 41 23 00-0359	EA	6'-9-1/2" Length Partition Wall, 8'-2"/8'-6" High Note: Galvalume both sides.	8,276.83	
		For Embossed White Instead Of Galvalume® On Both Sides, Add	*407.56*	
11 41 23 00-0360	EA	7'-9" Length Partition Wall, 8'-2"/8'-6" High Note: Galvalume both sides.	8,536.78	
		For Embossed White Instead Of Galvalume® On Both Sides, Add	*420.26*	
11 41 23 00-0361	EA	8'-8-1/2" Length Partition Wall, 8'-2"/8'-6" High Note: Galvalume both sides.	9,255.70	
		For Embossed White Instead Of Galvalume® On Both Sides, Add	*455.90*	
11 41 23 00-0362	EA	9'-8" Length Partition Wall, 8'-2"/8'-6" High Note: Galvalume both sides.	9,035.25	
		For Embossed White Instead Of Galvalume® On Both Sides, Add	*444.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 23 00-0363	EA	10'-7-1/2" Length Partition Wall, 8'-2"/8'-6" High Note: Galvalume both sides.	9,751.10	
		For Embossed White Instead Of Galvalume® On Both Sides, Add	*480.07*	
11 41 23 00-0364	EA	11'-7" Length Partition Wall, 8'-2"/8'-6" High Note: Galvalume both sides.	10,014.10	
		For Embossed White Instead Of Galvalume® On Both Sides, Add	*492.93*	
11 41 23 00-0365	EA	12'-6-1/2" Length Partition Wall, 8'-2"/8'-6" High Note: Galvalume both sides.	10,729.95	
		For Embossed White Instead Of Galvalume® On Both Sides, Add	*528.42*	
11 41 23 00-0366	EA	13'-6" Length Partition Wall, 8'-2"/8'-6" High Note: Galvalume both sides.	10,509.52	
		For Embossed White Instead Of Galvalume® On Both Sides, Add	*517.10*	
11 41 23 00-0367	EA	14'-5-1/2" Length Partition Wall, 8'-2"/8'-6" High Note: Galvalume both sides.	11,225.36	
		For Embossed White Instead Of Galvalume® On Both Sides, Add	*552.59*	
11 41 23 00-0368	EA	15'-5" Length Partition Wall, 8'-2"/8'-6" High Note: Galvalume both sides.	11,488.36	
		For Embossed White Instead Of Galvalume® On Both Sides, Add	*565.44*	
11 41 23 00-0369	EA	16'-4-1/2" Length Partition Wall, 8'-2"/8'-6" High Note: Galvalume both sides.	12,204.21	
		For Embossed White Instead Of Galvalume® On Both Sides, Add	*600.93*	
11 41 23 00-0370	EA	17'-4" Length Partition Wall, 8'-2"/8'-6" High Note: Galvalume both sides.	11,983.76	
		For Embossed White Instead Of Galvalume® On Both Sides, Add	*589.61*	

11 41 23 00-0371 Glass Doors For Walk-In Refrigerated Boxes *(11 41 23 00-0282)*

Note: Factory installed, includes lights and 5 tier shelves.

11 41 23 00-0372	EA	23" x 67" Glass Door, Displayrite, Coolrite Model	3,038.33	
11 41 23 00-0373	EA	23" x 73" Glass Door, Displayrite, Coolrite Model	3,319.82	
11 41 23 00-0374	EA	30" x 67" Glass Door, Displayrite, Coolrite Model	3,347.36	
11 41 23 00-0375	EA	30" x 73" Glass Door, Displayrite, Coolrite Model	3,702.29	
11 41 23 00-0376	EA	23" x 67" Glass Door, Displayrite, Freezerite Model	4,063.34	
11 41 23 00-0377	EA	23" x 73" Glass Door, Displayrite, Freezerite Model	4,320.36	
11 41 23 00-0378	EA	30" x 67" Glass Door, Displayrite, Freezerite Model	4,335.66	
11 41 23 00-0379	EA	30" x 73" Glass Door, Displayrite, Freezerite Model	5,045.52	
11 41 23 00-0380	EA	24" x 67" Glass Door, Anthony Model 101	4,130.66	
11 41 23 00-0381	EA	26" x 67" Glass Door, Anthony Model 101	5,115.89	
11 41 23 00-0382	EA	30" x 67" Glass Door, Anthony Model 101	5,461.64	
11 41 23 00-0383	EA	30x75 Glass Door, Anthony Model 101	5,577.92	
11 41 23 00-0384	EA	24" x 67" Glass Door, Anthony Model 101	6,290.84	
11 41 23 00-0385	EA	26" x 67" Glass Door, Anthony Model 101	6,982.34	
11 41 23 00-0386	EA	30" x 67" Glass Door, Anthony Model 101	7,110.85	
11 41 23 00-0387	EA	30" x 75" Glass Door, Anthony Model 101	7,585.11	
11 41 23 00-0388	EA	23" x 67" Glass Door, Anthony Model 401	3,261.69	
11 41 23 00-0389	EA	26-3/4" x 67" Glass Door, Anthony Model 401	3,436.09	
11 41 23 00-0390	EA	30-1/4" x 67" Glass Door, Anthony Model 401	4,620.21	
11 41 23 00-0391	EA	30-1/4" x 75" Glass Door, Anthony Model 401	3,962.37	
11 41 23 00-0392	EA	23" x 67" Glass Door, Anthony Model 401	4,399.91	
11 41 23 00-0393	EA	26-3/4" x 67" Glass Door, Anthony Model 401	4,604.92	
11 41 23 00-0394	EA	30-1/4" x 67" Glass Door, Anthony Model 401	4,620.21	
11 41 23 00-0395	EA	30-1/4" x 75" Glass Door, Anthony Model 401	5,501.42	

11 41 23 00-0396 Modular Wire Shelving For Walk-In Refrigerated Boxes *(11 41 23 00-0282)*

11 41 23 00-0397	EA	14" x 30" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts	1,032.17	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0398	EA	14" x 36" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts	1,087.12	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0399	EA	14" x 42" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts	1,215.49	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0400	EA	14" x 48" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts	1,282.67	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0401	EA	14" x 60" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts	1,392.55	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0402	EA	18" x 30" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts	1,197.27	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0403	EA	18" x 36" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts	1,224.67	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0404	EA	18" x 42" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts	1,356.11	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0405	EA	18" x 48" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts	1,417.16	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0406	EA	18" x 60" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts	1,621.89	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0407	EA	21" x 30" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts	1,307.28	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0408	EA	21" x 36" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts	1,319.39	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0409	EA	21" x 42" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts	1,512.01	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0410	EA	21" x 48" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts	1,518.00	
		For Cantilever Shelving, Add	*402.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 23 00-0411	EA	21" x 60" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts	1,753.32	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0412	EA	14" x 30" Chrome Modular Wire Shelving, 4 Tier, 63" Posts	873.06	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0413	EA	14" x 36" Chrome Modular Wire Shelving, 4 Tier, 63" Posts	915.77	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0414	EA	14" x 42" Chrome Modular Wire Shelving, 4 Tier, 63" Posts	1,007.42	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0415	EA	14" x 48" Chrome Modular Wire Shelving, 4 Tier, 63" Posts	1,025.65	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0416	EA	14" x 60" Chrome Modular Wire Shelving, 4 Tier, 63" Posts	1,172.25	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0417	EA	18" x 30" Chrome Modular Wire Shelving, 4 Tier, 63" Posts	964.73	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0418	EA	18" x 36" Chrome Modular Wire Shelving, 4 Tier, 63" Posts	1,034.96	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0419	EA	18" x 42" Chrome Modular Wire Shelving, 4 Tier, 63" Posts	1,096.03	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0420	EA	18" x 48" Chrome Modular Wire Shelving, 4 Tier, 63" Posts	1,108.13	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0421	EA	18" x 60" Chrome Modular Wire Shelving, 4 Tier, 63" Posts	1,312.85	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0422	EA	21" x 30" Chrome Modular Wire Shelving, 4 Tier, 63" Posts	1,062.50	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0423	EA	21" x 36" Chrome Modular Wire Shelving, 4 Tier, 63" Posts	1,102.15	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0424	EA	21" x 42" Chrome Modular Wire Shelving, 4 Tier, 63" Posts	1,184.62	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0425	EA	21" x 48" Chrome Modular Wire Shelving, 4 Tier, 63" Posts	1,227.33	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0426	EA	21" x 60" Chrome Modular Wire Shelving, 4 Tier, 63" Posts	1,438.17	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0427	EA	14" x 30" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts	2,501.86	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0428	EA	14" x 36" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts	2,792.21	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0429	EA	14" x 42" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts	2,847.21	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0430	EA	14" x 48" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts	2,902.23	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0431	EA	14" x 60" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts	3,512.32	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0432	EA	18" x 30" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts	2,625.52	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0433	EA	18" x 36" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts	2,788.38	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0434	EA	18" x 42" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts	3,088.53	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0435	EA	18" x 48" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts	3,212.17	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0436	EA	18" x 60" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts	3,930.11	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0437	EA	21" x 30" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts	2,837.41	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0438	EA	21" x 36" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts	3,098.33	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0439	EA	21" x 42" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts	3,398.47	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0440	EA	21" x 48" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts	3,522.13	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0441	EA	21" x 60" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts	4,475.39	
		For Cantilever Shelving, Add	*402.00*	
11 41 23 00-0442	EA	14" x 30" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts	1,215.36	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0443	EA	14" x 36" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts	1,313.13	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0444	EA	14" x 42" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts	1,426.21	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0445	EA	14" x 48" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts	1,530.09	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0446	EA	14" x 60" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts	1,658.35	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0447	EA	18" x 30" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts	1,450.82	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0448	EA	18" x 36" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts	1,484.35	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0449	EA	18" x 42" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts	1,643.30	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0450	EA	18" x 48" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts	1,722.73	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0451	EA	18" x 60" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts	1,973.36	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0452	EA	21" x 30" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts	1,585.32	
		For Cantilever Shelving, Add	*472.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 23 00-0453	EA	21" x 36" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts	1,634.12	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0454	EA	21" x 42" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts	1,814.52	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0455	EA	21" x 48" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts	1,851.12	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0456	EA	21" x 60" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts	2,132.33	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0457	EA	14" x 30" Chrome Modular Wire Shelving, 5 Tier, 74" Posts	1,022.59	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0458	EA	14" x 36" Chrome Modular Wire Shelving, 5 Tier, 74" Posts	1,074.47	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0459	EA	14" x 42" Chrome Modular Wire Shelving, 5 Tier, 74" Posts	1,187.55	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0460	EA	14" x 48" Chrome Modular Wire Shelving, 5 Tier, 74" Posts	1,208.82	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0461	EA	14" x 60" Chrome Modular Wire Shelving, 5 Tier, 74" Posts	1,389.10	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0462	EA	18" x 30" Chrome Modular Wire Shelving, 5 Tier, 74" Posts	1,163.20	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0463	EA	18" x 36" Chrome Modular Wire Shelving, 5 Tier, 74" Posts	1,245.69	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0464	EA	18" x 42" Chrome Modular Wire Shelving, 5 Tier, 74" Posts	1,429.12	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0465	EA	18" x 48" Chrome Modular Wire Shelving, 5 Tier, 74" Posts	1,410.63	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0466	EA	18" x 60" Chrome Modular Wire Shelving, 5 Tier, 74" Posts	1,581.71	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0467	EA	21" x 30" Chrome Modular Wire Shelving, 5 Tier, 74" Posts	1,282.40	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0468	EA	21" x 36" Chrome Modular Wire Shelving, 5 Tier, 74" Posts	1,331.21	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0469	EA	21" x 42" Chrome Modular Wire Shelving, 5 Tier, 74" Posts	1,435.11	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0470	EA	21" x 48" Chrome Modular Wire Shelving, 5 Tier, 74" Posts	1,483.95	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0471	EA	21" x 60" Chrome Modular Wire Shelving, 5 Tier, 74" Posts	1,746.81	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0472	EA	14" x 30" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts	3,054.21	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0473	EA	14" x 36" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts	3,415.63	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0474	EA	14" x 42" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts	3,482.90	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0475	EA	14" x 48" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts	3,550.16	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0476	EA	14" x 60" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts	4,309.80	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0477	EA	18" x 30" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts	3,207.27	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0478	EA	18" x 36" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts	3,409.36	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0479	EA	18" x 42" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts	3,783.03	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0480	EA	18" x 48" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts	3,936.10	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0481	EA	18" x 60" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts	4,830.54	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0482	EA	21" x 30" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts	3,470.65	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0483	EA	21" x 36" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts	3,795.29	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0484	EA	21" x 42" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts	4,168.98	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0485	EA	21" x 48" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts	4,322.05	
		For Cantilever Shelving, Add	*472.00*	
11 41 23 00-0486	EA	21" x 60" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts	5,510.65	
		For Cantilever Shelving, Add	*472.00*	

11 50 Educational and Scientific Equipment *(11)*

11 52 Audio-Visual Equipment *(11 50)*

11 52 13 Projection Screens *(11 52)*

11 52 13 13 Fixed Projection Screens *(11 52 13)*

11 52 13 13-0001 Screens *(11 52 13 13)*

11 52 13 13-0002 Pull Down Project Screen, Matte White Or Glass Beaded (Da-Lite Model B)
(11 52 13 13-0001)

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 52 13 13-0003	EA	40" x 40" Pull Down Projection Screen (Da-Lite B)	392.52	83.29
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0004	EA	50" x 50" Pull Down Projection Screen (Da-Lite B)	466.90	107.08
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0005	EA	60" x 60" Pull Down Projection Screen (Da-Lite B)	588.88	148.72
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0006	EA	70" x 70" Pull Down Projection Screen (Da-Lite B)	681.13	178.46
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0007	EA	84" x 84" Pull Down Projection Screen (Da-Lite B)	1,056.06	267.70
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0008	EA	96" x 96" Pull Down Projection Screen (Da-Lite B)	1,246.53	297.44
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0009	EA	64" x 84" Pull Down Projection Screen (Da-Lite B)	901.39	190.36
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0010	EA	72" x 96" Pull Down Projection Screen (Da-Lite B)	1,029.32	237.96
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0011	EA	43" x 57" Pull Down Projection Screen (Da-Lite B)	559.19	101.13
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0012	EA	50" x 67" Pull Down Projection Screen (Da-Lite B)	773.47	142.77
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0013	EA	55" x 77" Pull Down Projection Screen (Da-Lite B)	841.90	160.62
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0014	EA	60" x 80" Pull Down Projection Screen (Da-Lite B)	898.44	172.51
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0015	EA	69" x 92" Pull Down Projection Screen (Da-Lite B)	1,035.32	208.21
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0016	EA	45" x 80" Pull Down Projection Screen (Da-Lite B)	850.85	148.72
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0017	EA	52" x 92" Pull Down Projection Screen (Da-Lite B)	963.93	172.51
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0018		Heavy Duty Pull Down Project Screen, Matte White Or Glass Beaded (Da-Lite Model C) *(11 52 13 13-0001)*		
11 52 13 13-0019	EA	50" x 50" Pull Down Projection Screen (Da-Lite C)	925.35	107.08
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0020	EA	60" x 60" Pull Down Projection Screen (Da-Lite C)	1,080.07	148.72
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0021	EA	70" x 70" Pull Down Projection Screen (Da-Lite C)	1,252.64	202.26
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0022	EA	84" x 84" Pull Down Projection Screen (Da-Lite C)	1,449.01	267.70
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0023	EA	6' x 8' Pull Down Projection Screen (Da-Lite C)	1,591.90	273.65
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 52 13 13-0024	EA	8' x 8' Pull Down Projection Screen (Da-Lite C)	1,704.97	297.44
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0025	EA	7' x 9' Pull Down Projection Screen (Da-Lite C)	1,737.72	297.44
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0026	EA	9' x 9' Pull Down Projection Screen (Da-Lite C)	1,871.64	315.29
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0027	EA	8' x 10' Pull Down Projection Screen (Da-Lite C)	2,005.59	333.13
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0028	EA	10' x 10' Pull Down Projection Screen (Da-Lite C)	2,151.41	356.94
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0029	EA	9' x 12' Pull Down Projection Screen (Da-Lite C)	2,413.38	356.94
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0030	EA	12' x 12' Pull Down Projection Screen (Da-Lite C)	2,782.32	475.91
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	

11 52 13 13-0031 Heavy Duty Pull Down Project Screen, Matte White Or Glass Beaded (Da-Lite Model C With CSR) *(11 52 13 13-0001)*

Note: With controlled screen return.

11 52 13 13-0032	EA	60" x 60" Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR)	1,734.99	148.72
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0033	EA	70" x 70" Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR)	1,940.31	202.26
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0034	EA	84" x 84" Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR)	2,136.68	267.70
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0035	EA	6' x 8' Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR)	2,246.82	273.65
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0036	EA	8' x 8' Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR)	2,392.64	297.44
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0037	EA	7' x 9' Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR)	2,425.38	297.44
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0038	EA	9' x 9' Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR)	2,559.31	315.29
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0039	EA	8' x 10' Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR)	2,615.87	327.18
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0040	EA	10' x 10' Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR)	2,937.31	356.94
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0041	EA	9' x 12' Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR)	3,232.03	356.94
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	
11 52 13 13-0042	EA	12' x 12' Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR)	3,666.46	475.91
		For High Contrast Matte, Add	*40.00*	
		For Video Spectra Fabric, Add	*40.00*	
		For High Power Fabric, Add	*120.00*	

11 52 13 13-0043 Electric Project Screen, Matte White Or Glass Beaded (Da-Lite Cosmopolitan Electrol) *(11 52 13 13-0001)*

Note: Heavy-duty screen for exposed installation.

11 52 13 13-0044	EA	50" x 50" Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol)	2,512.62	133.84
11 52 13 13-0045	EA	60" x 60" Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol)	2,569.15	148.72
11 52 13 13-0046	EA	70" x 70" Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol)	2,679.55	178.46

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 52 13 13-0047	EA	84" x 84" Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol)	3,088.39	267.70
11 52 13 13-0048	EA	6' x 8' Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol)	3,164.59	273.65
11 52 13 13-0049	EA	8' x 8' Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol)	3,359.50	297.44
11 52 13 13-0050	EA	7' x 9' Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol)	3,426.48	297.44
11 52 13 13-0051	EA	9' x 9' Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol)	3,596.70	318.27
11 52 13 13-0052	EA	8' x 10' Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol)	3,805.95	333.13
11 52 13 13-0053	EA	10' x 10' Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol)	3,941.93	356.94
11 52 13 13-0054	EA	9' x 12' Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol)	4,062.48	356.94
11 52 13 13-0055	EA	12' x 12' Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol)	4,509.40	475.91

11 52 13 13-0056 Electric Project Screen, Matte White Or Glass Beaded (Da-Lite Professional Electrol) *(11 52 13 13-0001)*

Note: Heavy-duty screen for exposed or recessed installation without doors.

11 52 13 13-0057	EA	9' x 12' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol) Note: Heavy-duty screen for exposed or recessed installation without doors.	6,277.41	356.94
11 52 13 13-0058	EA	12' x 12' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol) Note: Heavy-duty screen for exposed or recessed installation without doors.	6,777.33	475.91
11 52 13 13-0059	EA	14' x 14' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol) Note: Heavy-duty screen for exposed or recessed installation without doors.	8,402.63	535.40
11 52 13 13-0060	EA	12' x 16' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol) Note: Heavy-duty screen for exposed or recessed installation without doors.	8,849.06	594.88
11 52 13 13-0061	EA	16' x 16' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol) Note: Heavy-duty screen for exposed or recessed installation without doors.	9,414.48	713.86
11 52 13 13-0062	EA	13.5' x 18' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol) Note: Heavy-duty screen for exposed or recessed installation without doors.	10,515.83	773.35
11 52 13 13-0063	EA	18' x 18' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol) Note: Heavy-duty screen for exposed or recessed installation without doors.	11,518.95	832.84
11 52 13 13-0064	EA	15' x 20' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol) Note: Heavy-duty screen for exposed or recessed installation without doors.	12,173.87	832.84
11 52 13 13-0065	EA	20' x 20' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol) Note: Heavy-duty screen for exposed or recessed installation without doors.	13,099.49	951.82
11 52 13 13-0066	EA	11' x 22' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol) Note: Heavy-duty screen for exposed or recessed installation without doors.	12,153.13	773.35
11 52 13 13-0067	EA	16.5' x 22' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol) Note: Heavy-duty screen for exposed or recessed installation without doors.	12,837.52	951.82
11 52 13 13-0068	EA	22' x 22' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol) Note: Heavy-duty screen for exposed or recessed installation without doors.	13,402.94	1,070.80
11 52 13 13-0069	EA	12' x 24' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol) Note: Heavy-duty screen for exposed or recessed installation without doors.	12,927.03	832.84
11 52 13 13-0070	EA	18' x 24' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol) Note: Heavy-duty screen for exposed or recessed installation without doors.	16,677.54	1,070.80

11 52 13 13-0071 Electric Project Screen, Matte White Or Glass Beaded (Da-Lite Executive Electrol) *(11 52 13 13-0001)*

Note: In-the-ceiling screen with automatically operated door to conceal screen.

11 52 13 13-0072	EA	50" x 50" Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	5,831.25	133.84
11 52 13 13-0073	EA	60" x 60" Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	5,959.22	148.72
11 52 13 13-0074	EA	70" x 70" Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	6,084.22	178.46
11 52 13 13-0075	EA	84" x 84" Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	6,491.90	267.70
11 52 13 13-0076	EA	6' x 8' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	6,569.29	273.65
11 52 13 13-0077	EA	8' x 8' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	6,813.35	297.44
11 52 13 13-0078	EA	7' x 9' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	7,009.82	297.44
11 52 13 13-0079	EA	9' x 9' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	7,149.70	318.27
11 52 13 13-0080	EA	8' x 10' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	7,343.19	333.13
11 52 13 13-0081	EA	10' x 10' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	7,521.75	356.94
11 52 13 13-0082	EA	9' x 12' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	7,587.25	356.94
11 52 13 13-0083	EA	12' x 12' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	8,152.67	475.91
11 52 13 13-0084	EA	10.6' x 14' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	8,736.09	505.66
11 52 13 13-0085	EA	14' x 14' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	9,123.04	535.40
11 52 13 13-0086	EA	12' x 16' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	9,962.42	594.88
11 52 13 13-0087	EA	16' x 16' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	10,364.11	713.86

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 52 13 13-0088		Electric Project Screen, Matte White Or Glass Beaded (Da-Lite Senior Electrol) *(11 52 13 13-0001)*		
		Note: In-the-ceiling screen with automatically operated door to conceal screen.		
11 52 13 13-0089	EA	50" x 50" Electric Projection Screen (Da-Lite Senior Electrol)	4,835.77	133.84
		Note: Heavy duty screen for recessed or exposed installation.		
11 52 13 13-0090	EA	60" x 60" Electric Projection Screen (Da-Lite Senior Electrol)	4,941.09	163.60
		Note: Heavy duty screen for recessed or exposed installation.		
11 52 13 13-0091	EA	70" x 70" Electric Projection Screen (Da-Lite Senior Electrol)	5,000.32	178.46
		Note: Heavy duty screen for recessed or exposed installation.		
11 52 13 13-0092	EA	84" x 84" Electric Projection Screen (Da-Lite Senior Electrol)	5,273.75	267.70
		Note: Heavy duty screen for recessed or exposed installation.		
11 52 13 13-0093	EA	6' x 8' Electric Projection Screen (Da-Lite Senior Electrol)	5,315.12	273.65
		Note: Heavy duty screen for recessed or exposed installation.		
11 52 13 13-0094	EA	8' x 8' Electric Projection Screen (Da-Lite Senior Electrol)	5,487.13	297.44
		Note: Heavy duty screen for recessed or exposed installation.		
11 52 13 13-0095	EA	7' x 9' Electric Projection Screen (Da-Lite Senior Electrol)	5,660.69	297.44
		Note: Heavy duty screen for recessed or exposed installation.		
11 52 13 13-0096	EA	9' x 9' Electric Projection Screen (Da-Lite Senior Electrol)	5,934.82	318.27
		Note: Heavy duty screen for recessed or exposed installation.		
11 52 13 13-0097	EA	8' x 10' Electric Projection Screen (Da-Lite Senior Electrol)	6,010.43	333.13
		Note: Heavy duty screen for recessed or exposed installation.		
11 52 13 13-0098	EA	10' x 10' Electric Projection Screen (Da-Lite Senior Electrol)	6,198.82	356.94
		Note: Heavy duty screen for recessed or exposed installation.		
11 52 13 13-0099	EA	9' x 12' Electric Projection Screen (Da-Lite Senior Electrol)	6,186.81	416.42
		Note: Heavy duty screen for recessed or exposed installation.		
11 52 13 13-0100	EA	12' x 12' Electric Projection Screen (Da-Lite Senior Electrol)	6,764.24	475.91
		Note: Heavy duty screen for recessed or exposed installation.		
11 52 13 13-0101	EA	10'-6" x 14' Electric Projection Screen (Da-Lite Senior Electrol)	8,454.48	505.66
		Note: Heavy duty screen for recessed or exposed installation.		
11 52 13 13-0102	EA	14' x 14' Electric Projection Screen (Da-Lite Senior Electrol)	8,825.05	535.40
		Note: Heavy duty screen for recessed or exposed installation.		
11 52 13 13-0103	EA	12' x 16' Electric Projection Screen (Da-Lite Senior Electrol)	9,549.82	594.88
		Note: Heavy duty screen for recessed or exposed installation.		
11 52 13 13-0104	EA	16' x 16' Electric Projection Screen (Da-Lite Senior Electrol)	9,925.32	713.86
		Note: Heavy duty screen for recessed or exposed installation.		
11 52 13 13-0105	EA	13'-6" x 18' Electric Projection Screen (Da-Lite Senior Electrol)	10,813.82	773.35
		Note: Heavy duty screen for recessed or exposed installation.		
11 52 13 13-0106	EA	18' x 18' Electric Projection Screen (Da-Lite Senior Electrol)	11,479.66	832.84
		Note: Heavy duty screen for recessed or exposed installation.		
11 52 13 13-0107	EA	15' x 20' Electric Projection Screen (Da-Lite Senior Electrol)	11,957.75	832.84
		Note: Heavy duty screen for recessed or exposed installation.		
11 52 13 13-0108	EA	20' x 20' Electric Projection Screen (Da-Lite Senior Electrol)	13,217.37	951.82
		Note: Heavy duty screen for recessed or exposed installation.		
11 52 13 13-0109	EA	50" x 67" Electric Projection Screen (Da-Lite Senior Electrol)	5,000.32	178.46
		Note: Heavy duty screen for recessed or exposed installation.		
11 52 13 13-0110	EA	60" x 80" Electric Projection Screen (Da-Lite Senior Electrol)	5,214.26	237.96
		Note: Heavy duty screen for recessed or exposed installation.		
11 52 13 13-0111	EA	69" x 92" Electric Projection Screen (Da-Lite Senior Electrol)	5,303.22	267.70
		Note: Heavy duty screen for recessed or exposed installation.		
11 52 13 13-0112	EA	87" x 116" Electric Projection Screen (Da-Lite Senior Electrol)	6,043.17	333.13
		Note: Heavy duty screen for recessed or exposed installation.		
11 52 13 13-0113	EA	105" x 140" Electric Projection Screen (Da-Lite Senior Electrol)	6,458.60	416.42
		Note: Heavy duty screen for recessed or exposed installation.		
11 52 13 13-0114	EA	123" x 164" Electric Projection Screen (Da-Lite Senior Electrol)	8,003.13	535.40
		Note: Heavy duty screen for recessed or exposed installation.		
11 52 13 13-0115	EA	141" x 188" Electric Projection Screen (Da-Lite Senior Electrol)	8,489.95	654.38
		Note: Heavy duty screen for recessed or exposed installation.		
11 52 13 13-0116	EA	12' x 24' Electric Projection Screen (Da-Lite Senior Electrol)	14,971.47	892.33
		Note: Heavy duty screen for recessed or exposed installation.		
11 52 13 13-0117	EA	45" x 80" Electric Projection Screen (Da-Lite Senior Electrol)	5,230.63	237.96
		Note: Heavy duty screen for recessed or exposed installation.		
11 52 13 13-0118	EA	52" x 92" Electric Projection Screen (Da-Lite Senior Electrol)	5,352.34	267.70
		Note: Heavy duty screen for recessed or exposed installation.		
11 52 13 13-0119	EA	54" x 96" Electric Projection Screen (Da-Lite Senior Electrol)	5,482.99	285.55
		Note: Heavy duty screen for recessed or exposed installation.		
11 52 13 13-0120	EA	58" x 104" Electric Projection Screen (Da-Lite Senior Electrol)	5,560.05	309.34
		Note: Heavy duty screen for recessed or exposed installation.		
11 52 13 13-0121	EA	65" x 116" Electric Projection Screen (Da-Lite Senior Electrol)	5,885.99	333.13
		Note: Heavy duty screen for recessed or exposed installation.		
11 52 13 13-0122	EA	78" x 139" Electric Projection Screen (Da-Lite Senior Electrol)	6,334.17	416.42
		Note: Heavy duty screen for recessed or exposed installation.		
11 52 13 13-0123	EA	92" x 164" Electric Projection Screen (Da-Lite Senior Electrol)	7,914.71	535.40
		Note: Heavy duty screen for recessed or exposed installation.		
11 52 13 13-0124	EA	106" x 188" Electric Projection Screen (Da-Lite Senior Electrol)	9,141.59	654.38
		Note: Heavy duty screen for recessed or exposed installation.		
11 52 13 13-0125	EA	119" x 212" Electric Projection Screen (Da-Lite Senior Electrol)	11,098.71	773.35
		Note: Heavy duty screen for recessed or exposed installation.		
11 52 13 13-0126		Electric Project Screen, Matte White Or Glass Beaded (Da-Lite Boardroom Electrol) *(11 52 13 13-0001)*		
		Note: In-the-ceiling screen with automatically operated door to conceal screen.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 52 13 13-0127	EA	50" x 50" Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	4,937.02	133.84
11 52 13 13-0128	EA	60" x 60" Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	5,031.06	148.72
11 52 13 13-0129	EA	70" x 70" Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	5,138.78	178.46
11 52 13 13-0130	EA	84" x 84" Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	5,483.33	267.70
11 52 13 13-0131	EA	6' x 8' Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	5,548.81	273.65
11 52 13 13-0132	EA	8' x 8' Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	5,711.58	297.44
11 52 13 13-0133	EA	7' x 9' Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	5,891.07	297.44
11 52 13 13-0134	EA	9' x 9' Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	6,047.90	318.27
11 52 13 13-0135	EA	8' x 10' Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	6,163.38	333.13
11 52 13 13-0136	EA	10' x 10' Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	6,347.59	356.94
11 52 13 13-0137	EA	9' x 12' Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	6,532.43	356.94
11 52 13 13-0138	EA	12' x 12' Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	6,925.77	475.91
11 52 13 13-0139		Electric Ascending Project Screen, Matte White, Glass Beaded (Da-Lite Ascender Electrol) *(11 52 13 13-0001)* Note: High contrast matte white, video spectrum or high power. Includes a motorized spring assisted scissors mechanism which raises the screen surface from the housing ensuring smooth operation. A trap door housing keeps the screen and lift mechanism hidden until the screen is activated.		
11 52 13 13-0140	EA	60" x 80" Electric Ascending Projection Screen (Da-Lite Ascender Electrol) Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	14,934.35	297.44
11 52 13 13-0141	EA	69" x 92" Electric Ascending Projection Screen (Da-Lite Ascender Electrol) Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	15,970.22	356.94
11 52 13 13-0142	EA	87" x 116" Electric Ascending Projection Screen (Da-Lite Ascender Electrol) Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	18,553.89	535.40
11 52 13 13-0143	EA	105" x 140" Electric Ascending Projection Screen (Da-Lite Ascender Electrol) Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	23,364.28	713.86
11 52 13 13-0144	EA	120" x 160" Electric Ascending Projection Screen (Da-Lite Ascender Electrol) Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	25,894.45	832.84
11 52 13 13-0145	EA	52" x 92" Electric Ascending Projection Screen (Da-Lite Ascender Electrol) Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	15,851.24	297.44
11 52 13 13-0146	EA	58" x 104" Electric Ascending Projection Screen (Da-Lite Ascender Electrol) Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	17,312.81	356.94
11 52 13 13-0147	EA	65" x 116" Electric Ascending Projection Screen (Da-Lite Ascender Electrol) Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	18,315.93	416.42
11 52 13 13-0148	EA	78" x 139" Electric Ascending Projection Screen (Da-Lite Ascender Electrol) Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	23,007.35	535.40
11 52 13 13-0149		Electric Rear Projection Screen (Da-Lite DA-View) *(11 52 13 13-0001)* Note: Consists of a single acrylic layer with rear Fensel lens and lenticulated front profile. Un-framed.		
11 52 13 13-0150	EA	60" Diagonal Video Format Rigid Rear Projection Screen (Da-Lite DA-View) Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	4,695.52	297.44
11 52 13 13-0151	EA	67" Diagonal Video Format Rigid Rear Projection Screen (Da-Lite DA-View) Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	5,894.72	327.18
11 52 13 13-0152	EA	72" Diagonal Video Format Rigid Rear Projection Screen (Da-Lite DA-View) Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	6,751.99	356.94
11 52 13 13-0153	EA	84" Diagonal Video Format Rigid Rear Projection Screen (Da-Lite DA-View) Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	12,168.07	386.68
11 52 13 13-0154	EA	90" Diagonal Video Format Rigid Rear Projection Screen (Da-Lite DA-View) Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	13,481.23	13,064.81
11 52 13 13-0155	EA	96" Diagonal Video Format Rigid Rear Projection Screen (Da-Lite DA-View) Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	14,967.85	475.91
11 52 13 13-0156	EA	100" Diagonal Video Format Rigid Rear Projection Screen (Da-Lite DA-View) Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	19,189.75	535.40
11 52 13 13-0157	EA	120" Diagonal Video Format Rigid Rear Projection Screen (Da-Lite DA-View) Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	25,918.98	594.88
11 52 13 13-0158	EA	125" Diagonal Video Format Rigid Rear Projection Screen (Da-Lite DA-View) Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	29,001.18	654.38
11 52 13 13-0159	EA	135" Diagonal Video Format Rigid Rear Projection Screen (Da-Lite DA-View) Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	38,807.61	713.86
11 52 13 13-0160		Screen Accessories *(11 52 13 13-0001)*		
11 52 13 13-0161		Manual Pull Down Accessories *(11 52 13 13-0160)*		
11 52 13 13-0162	EA	6" Mounting Bracket (Pair)	76.79	8.93
11 52 13 13-0163	EA	14" Wall Mounting Bracket (Pair)	109.54	9.52
11 52 13 13-0164	EA	14-1/2" To 24" Adjustable Wall Mounting Bracket (Pair)	129.19	10.71

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 52 13 13-0165		Electric Powered Screen Accessories *(11 52 13 13-0160)*		
11 52 13 13-0166	EA	Single Motor Low Voltage Remote Control System - Infrared	812.36	
11 52 13 13-0167	EA	Single Motor Low Voltage Remote Control System - Radio Frequency	1,172.57	
11 52 13 16		**Portable Projection Screens** *(11 52 13)*		
11 52 13 16-0001		Projection Screen And Case *(11 52 13 16)*		
11 52 13 16-0002	EA	9' x 12' Spring-Roller Operated Projection Screen (Draper Luma 2)	2,268.61	266.80
11 52 13 16-0003	EA	12' x 12' Spring-Roller Operated Projection Screen (Draper Luma 2)	2,284.57	266.80
11 52 13 16-0004	EA	9' x 9' Non-Tensioned Electric Projection Screen (Draper Targa)	2,376.55	266.80
11 52 13 16-0005	EA	9' x 12' Non-Tensioned Electric Projection Screen (Draper Targa)	2,585.46	266.80
11 52 13 16-0006	EA	12' x 12' Non-Tensioned Electric Projection Screen (Draper Targa)	3,648.71	266.80
11 52 13 16-0007	EA	12' x 16' Non-Tensioned Electric Projection Screen (Draper Targa)	4,905.03	266.80
11 52 13 16-0008	EA	14' x 14' Non-Tensioned Electric Projection Screen (Draper Targa)	4,371.96	266.80
11 52 13 16-0009	EA	16' x 16' Non-Tensioned Electric Projection Screen (Draper Targa)	5,024.61	266.80
11 52 13 16-0010	EA	15' x 20' Non-Tensioned Electric Projection Screen (Draper Paragon)	7,833.58	266.80
11 52 13 16-0011	EA	20' x 20' Non-Tensioned Electric Projection Screen (Draper Paragon)	8,280.42	266.80
11 52 13 16-0012	EA	11' x 22' Non-Tensioned Electric Projection Screen (Draper Paragon)	8,013.56	266.80
11 52 13 16-0013	EA	16'-6" x 22' Non-Tensioned Electric Projection Screen (Draper Paragon)	8,199.74	266.80
11 52 13 16-0014	EA	22' x 22' Non-Tensioned Electric Projection Screen (Draper Paragon)	8,392.13	266.80
11 52 13 16-0015	EA	Projection Screen Hanger Assembly Unit Note: Includes beam clamp, 1/4" cable tail, 8' long, 3/8" x 6" eye and jaw turnbuckle and #1715 pipe clamp (for 1-1/2" inside diameter pipe batten).	208.88	33.35
11 52 16		**Projectors** *(11 52)*		
11 52 16 26		**Video Projectors** *(11 52 16)*		
11 52 16 26-0001		Projectors *(11 52 16 26)*		
11 52 16 26-0002	EA	2,000 Lumens Output, 800 x 600 Pixels, SVGA Compact 3LCD Panels Projector	1,360.22	59.48
11 52 16 26-0003	EA	2,000 Lumens Output, 1024 x 768 Pixels, XGA Compact 3LCD Panels Projector	1,577.44	59.48
11 52 16 26-0004	EA	2,000 Lumens Output, 1280 x 800 Pixels, WXGA Compact 3LCD Panels Projector	2,089.45	59.48
11 52 16 26-0005	EA	3,000 Lumens Output, 1024 x 768 Pixels, XGA 3LCD Panels Projector	3,299.66	59.48
11 52 16 26-0006	EA	3,500 Lumens Output, 1024 x 768 Pixels, XGA 3LCD Panels Projector	3,842.70	59.48
11 52 16 26-0007	EA	3,000 Lumens Output, 1366 x 800 Pixels, WXGA 3LCD Panels Projector	4,882.24	59.48
11 52 16 26-0008	EA	4,000 Lumens Output, 1024 x 768 Pixels, XGA 3LCD Panels Projector	7,768.12	59.48
11 52 16 26-0009	EA	5,200 Lumens Output, 1024 x 768 Pixels, XGA 3LCD Panels Projector	10,529.88	59.48
11 52 16 26-0010	EA	6,000 Lumens Output, 1024 x 768 Pixels, XGA 3LCD Panels Projector	15,634.48	59.48
11 52 16 26-0011		Projector Mounts *(11 52 16 26)*		
11 52 16 26-0012		Universal Projector Mounts *(11 52 16 26-0011)* Note: Includes ceiling or wall mounting hardware and hardware for attaching projector. Excludes projector.		
11 52 16 26-0013	EA	Flush Ceiling, Universal Projector Mount (Peerless PPF)	291.71	65.41
11 52 16 26-0014	EA	Wall Arm, Universal Projector Mount (Peerless PWA-14)	484.33	65.41
11 52 16 26-0015		Projector Mount Components *(11 52 16 26-0011)* Note: Includes ceiling attachment plate, threaded extension column and projector attachment plate. Excludes projector.		
11 52 16 26-0016		Ceiling Attachment Plates For Projector Mounts *(11 52 16 26-0015)*		
11 52 16 26-0017	EA	Finished Ceiling, Attachment Plate For Projector Mounts (Peerless ACC 570)	105.27	29.73
11 52 16 26-0018	EA	Truss Ceiling, Attachment Plate For Projector Mounts (Peerless ACC 557)	144.80	29.73
11 52 16 26-0019	EA	I-Beam Ceiling, Attachment Plate For Projector Mounts (Peerless ACC 558/559)	203.31	29.73
11 52 16 26-0020	EA	Suspended Ceiling, Attachment Plate For Projector Mounts (Peerless CMJ 455)	251.49	29.73
11 52 16 26-0021		Projector Attachment Plates For Projector Mounts *(11 52 16 26-0015)*		
11 52 16 26-0022	EA	Universal Projector Attachment Plate For Projector Mounts (Peerless PRG-UNV)	376.40	29.73
11 52 16 26-0023	EA	High Security Projector Enclosure For Projector Mounts (Peerless ALB)	837.23	29.73
11 52 16 26-0024		Threaded Extension Columns For Projector Mounts *(11 52 16 26-0015)*		
11 52 16 26-0025		Fixed Length, Threaded Extension Column For Projector Mounts *(11 52 16 26-0024)* Note: Peerless EXT series.		
11 52 16 26-0026	EA	6" Fixed Length, Threaded Extension Column For Projector Mounts	64.16	8.92
11 52 16 26-0027	EA	12" Fixed Length, Threaded Extension Column For Projector Mounts	83.67	8.92
11 52 16 26-0028	EA	18" Fixed Length, Threaded Extension Column For Projector Mounts	90.98	8.92
11 52 16 26-0029	EA	24" Fixed Length, Threaded Extension Column For Projector Mounts	95.86	8.92
11 52 16 26-0030	EA	36" Fixed Length, Threaded Extension Column For Projector Mounts	113.99	11.89
11 52 16 26-0031	EA	48" Fixed Length, Threaded Extension Column For Projector Mounts	138.37	11.89
11 52 16 26-0032	EA	60" Fixed Length, Threaded Extension Column For Projector Mounts	177.38	11.89
11 52 16 26-0033	EA	72" Fixed Length, Threaded Extension Column For Projector Mounts	204.20	11.89
11 52 16 26-0034	EA	84" Fixed Length, Threaded Extension Column For Projector Mounts	239.41	14.87
11 52 16 26-0035	EA	96" Fixed Length, Threaded Extension Column For Projector Mounts	273.55	14.87
11 52 16 26-0036	EA	108" Fixed Length, Threaded Extension Column For Projector Mounts	303.88	17.84
11 52 16 26-0037	EA	120" Fixed Length, Threaded Extension Column For Projector Mounts	318.51	17.84

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 52 16 26-0038		Adjustable Length, Threaded Extension Columns For Projector Mounts *(11 52 16 26-0024)* Note: Peerless ADJ series. Adjustable at 1" increments.		
11 52 16 26-0039	EA	6" To 9" Adjustable Length, Threaded Extension Column For Projector Mounts	132.13	14.87
11 52 16 26-0040	EA	12" To 18" Adjustable Length, Threaded Extension Column For Projector Mounts	205.28	14.87
11 52 16 26-0041	EA	18" To 24" Adjustable Length, Threaded Extension Column For Projector Mounts	210.15	14.87
11 52 16 26-0042	EA	24" To 36" Adjustable Length, Threaded Extension Column For Projector Mounts	217.47	14.87
11 52 16 26-0043	EA	36" To 60" Adjustable Length, Threaded Extension Column For Projector Mounts	235.61	17.84
11 52 16 26-0044	EA	48" To 72" Adjustable Length, Threaded Extension Column For Projector Mounts	247.80	17.84
11 52 16 26-0045	EA	60" To 84" Adjustable Length, Threaded Extension Column For Projector Mounts	274.62	17.84
11 52 16 26-0046	EA	72" To 96" Adjustable Length, Threaded Extension Column For Projector Mounts	299.00	17.84
11 52 16 26-0047	EA	84" To 108" Adjustable Length, Threaded Extension Column For Projector Mounts	331.76	20.82
11 52 16 26-0048	EA	96" To 120" Adjustable Length, Threaded Extension Column For Projector Mounts	356.14	20.82
11 52 16 26-0049	EA	108" To 132" Adjustable Length, Threaded Extension Column For Projector Mounts	388.91	23.78
11 52 16 26-0050	EA	120" To 144" Adjustable Length, Threaded Extension Column For Projector Mounts	405.98	23.78

11 53 Laboratory Equipment *(11 50)*

11 53 13 Laboratory Fume Hoods *(11 53)*

11 53 13 11 General Laboratory Fume Hoods *(11 53 13)*

CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 53 13 11-0001		Fume Hoods (Kewaunee Scientific) *(11 53 13 11)*		
11 53 13 11-0002		General Purpose Bench Fume Hood With Vertical Rising Sash (Kewaunee Scientific H05) *(11 53 13 11-0001)*		
11 53 13 11-0003	EA	4' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Fiberglass Reinforced Polyester Liner, Open By-Pass (Kewaunee Scientific H05G5448-00) Note: Includes material and installation	9,927.54	
11 53 13 11-0004	EA	4' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Modified Epoxy Resin Liner, Open By-Pass (Kewaunee Scientific H05K5448-00) Note: Includes material and installation	10,555.56	
11 53 13 11-0005	EA	4' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Type 304 Stainless Steel Liner, Open By-Pass (Kewaunee Scientific H05S5448-00) Note: Includes material and installation	13,545.53	
11 53 13 11-0006	EA	4' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Phenolic Resin Liner, Open By-Pass (Kewaunee Scientific H05T5448-00) Note: Includes material and installation	9,359.97	
11 53 13 11-0007	EA	5' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Fiberglass Reinforced Polyester Liner, Open By-Pass (Kewaunee Scientific H05G5460-00) Note: Includes material and installation	10,723.30	
11 53 13 11-0008	EA	5' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Modified Epoxy Resin Liner, Open By-Pass (Kewaunee Scientific H05K5460-00) Note: Includes material and installation	11,351.33	
11 53 13 11-0009	EA	5' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Type 304 Stainless Steel Liner, Open By-Pass (Kewaunee Scientific H05S5460-00) Note: Includes material and installation	14,364.70	
11 53 13 11-0010	EA	5' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Phenolic Resin Liner, Open By-Pass (Kewaunee Scientific H05T5460-00) Note: Includes material and installation	9,968.49	
11 53 13 11-0011	EA	6' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Fiberglass Reinforced Polyester Liner, Open By-Pass (Kewaunee Scientific H05G5472-00) Note: Includes material and installation	10,331.27	
11 53 13 11-0012	EA	6' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Modified Epoxy Resin Liner, Open By-Pass (Kewaunee Scientific H05K5472-00) Note: Includes material and installation	12,188.05	
11 53 13 11-0013	EA	6' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Type 304 Stainless Steel Liner, Open By-Pass (Kewaunee Scientific H05S5472-00) Note: Includes material and installation	15,066.84	
11 53 13 11-0014	EA	6' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Phenolic Resin Liner, Open By-Pass (Kewaunee Scientific H05T5472-00) Note: Includes material and installation	10,930.04	
11 53 13 11-0015	EA	8' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Fiberglass Reinforced Polyester Liner, Open By-Pass (Kewaunee Scientific H05G5496-00) Note: Includes material and installation	14,070.19	
11 53 13 11-0016	EA	8' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Modified Epoxy Resin Liner, Open By-Pass (Kewaunee Scientific H05K5496-00) Note: Includes material and installation	16,549.14	
11 53 13 11-0017	EA	8' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Type 304 Stainless Steel Liner, Open By-Pass (Kewaunee Scientific H05S5496-00) Note: Includes material and installation	19,472.79	
11 53 13 11-0018	EA	8' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Phenolic Resin Liner, Open By-Pass (Kewaunee Scientific H05T5496-00) Note: Includes material and installation	12,970.16	
11 53 13 11-0019	EA	4' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Fiberglass Reinforced Polyester Liner, Restricted By-Pass (Kewaunee Scientific H05G5448B00) Note: Includes material and installation	10,081.62	
11 53 13 11-0020	EA	4' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Modified Epoxy Resin Liner, Restricted By-Pass (Kewaunee Scientific H05K5448B00) Note: Includes material and installation	10,711.60	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 53 13 11-0021	EA	4' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Type 304 Stainless Steel Liner, Restricted By-Pass (Kewaunee Scientific H05S5448B00) Note: Includes material and installation	13,705.46	
11 53 13 11-0022	EA	4' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Phenolic Resin Liner, Restricted By-Pass (Kewaunee Scientific H05T5448B00) Note: Includes material and installation	9,521.85	
11 53 13 11-0023	EA	5' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Fiberglass Reinforced Polyester Liner, Restricted By-Pass (Kewaunee Scientific H05G5460B00) Note: Includes material and installation	10,900.79	
11 53 13 11-0024	EA	5' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Modified Epoxy Resin Liner, Restricted By-Pass (Kewaunee Scientific H05K5460B00) Note: Includes material and installation	11,532.72	
11 53 13 11-0025	EA	5' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Type 304 Stainless Steel Liner, Restricted By-Pass (Kewaunee Scientific H05S5460B00) Note: Includes material and installation	14,538.28	
11 53 13 11-0026	EA	5' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Phenolic Resin Liner, Restricted By-Pass (Kewaunee Scientific H05T5460B00) Note: Includes material and installation	10,144.03	
11 53 13 11-0027	EA	6' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Fiberglass Reinforced Polyester Liner, Restricted By-Pass (Kewaunee Scientific H05G5472B00) Note: Includes material and installation	11,749.21	
11 53 13 11-0028	EA	6' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Modified Epoxy Resin Liner, Restricted By-Pass (Kewaunee Scientific H05K5472B00) Note: Includes material and installation	12,373.34	
11 53 13 11-0029	EA	6' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Type 304 Stainless Steel Liner, Restricted By-Pass (Kewaunee Scientific H05S5472B00) Note: Includes material and installation	15,252.13	
11 53 13 11-0030	EA	6' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Phenolic Resin Liner, Restricted By-Pass (Kewaunee Scientific H05T5472B00) Note: Includes material and installation	11,121.18	
11 53 13 11-0031	EA	8' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Fiberglass Reinforced Polyester Liner, Restricted By-Pass (Kewaunee Scientific H05G5496B00) Note: Includes material and installation	14,276.93	
11 53 13 11-0032	EA	8' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Modified Epoxy Resin Liner, Restricted By-Pass (Kewaunee Scientific H05K5496B00) Note: Includes material and installation	16,740.28	
11 53 13 11-0033	EA	8' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Type 304 Stainless Steel Liner, Restricted By-Pass (Kewaunee Scientific H05S5496B00) Note: Includes material and installation	19,681.49	
11 53 13 11-0034	EA	8' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Phenolic Resin Liner, Restricted By-Pass (Kewaunee Scientific H05T5496B00) Note: Includes material and installation	13,176.90	
11 53 13 11-0035		Combination Sash Bench Fume Hood With Vertical Rising/Horizontal Sash (Kewaunee Scientific H07) *(11 53 13 11-0001)*		
11 53 13 11-0036	EA	4' Wide, Combination Sash Bench Fume Hood With Vertical Rising/Horizontal Sash, Fiberglass Reinforced Polyester Liner, Restricted By-Pass (Kewaunee Scientific H07G5448B00) Note: Includes material and installation	11,390.34	
11 53 13 11-0037	EA	4' Wide, Combination Sash Bench Fume Hood With Vertical Rising/Horizontal Sash, Modified Epoxy Resin Liner, Restricted By-Pass (Kewaunee Scientific H07K5448B00) Note: Includes material and installation	12,016.41	
11 53 13 11-0038	EA	4' Wide, Combination Sash Bench Fume Hood With Vertical Rising/Horizontal Sash, Type 304 Stainless Steel Liner, Restricted By-Pass (Kewaunee Scientific H07S5448B00) Note: Includes material and installation	15,012.23	
11 53 13 11-0039	EA	4' Wide, Combination Sash Bench Fume Hood With Vertical Rising/Horizontal Sash, Phenolic Resin Liner, Restricted By-Pass (Kewaunee Scientific H07T5448B00) Note: Includes material and installation	10,826.67	
11 53 13 11-0040	EA	5' Wide, Combination Sash Bench Fume Hood With Vertical Rising/Horizontal Sash, Fiberglass Reinforced Polyester Liner, Restricted By-Pass (Kewaunee Scientific H07G5460B00) Note: Includes material and installation	12,500.11	
11 53 13 11-0041	EA	5' Wide, Combination Sash Bench Fume Hood With Vertical Rising/Horizontal Sash, Modified Epoxy Resin Liner, Restricted By-Pass (Kewaunee Scientific H07K5460B00) Note: Includes material and installation	13,132.04	
11 53 13 11-0042	EA	5' Wide, Combination Sash Bench Fume Hood With Vertical Rising/Horizontal Sash, Type 304 Stainless Steel Liner, Restricted By-Pass (Kewaunee Scientific H07S5460B00) Note: Includes material and installation	16,143.46	
11 53 13 11-0043	EA	5' Wide, Combination Sash Bench Fume Hood With Vertical Rising/Horizontal Sash, Phenolic Resin Liner, Restricted By-Pass (Kewaunee Scientific H07T5460B00) Note: Includes material and installation	11,749.21	
11 53 13 11-0044	EA	6' Wide, Combination Sash Bench Fume Hood With Vertical Rising/Horizontal Sash, Fiberglass Reinforced Polyester Liner, Restricted By-Pass (Kewaunee Scientific H07G5472B00) Note: Includes material and installation	13,442.16	
11 53 13 11-0045	EA	6' Wide, Combination Sash Bench Fume Hood With Vertical Rising/Horizontal Sash, Modified Epoxy Resin Liner, Restricted By-Pass (Kewaunee Scientific H07K5472B00) Note: Includes material and installation	14,070.19	
11 53 13 11-0046	EA	6' Wide, Combination Sash Bench Fume Hood With Vertical Rising/Horizontal Sash, Type 304 Stainless Steel Liner, Restricted By-Pass (Kewaunee Scientific H07S5472B00) Note: Includes material and installation	16,948.98	
11 53 13 11-0047	EA	6' Wide, Combination Sash Bench Fume Hood With Vertical Rising/Horizontal Sash, Phenolic Resin Liner, Restricted By-Pass (Kewaunee Scientific H07T5472B00) Note: Includes material and installation	12,812.18	
11 53 13 11-0048	EA	8' Wide, Combination Sash Bench Fume Hood With Vertical Rising/Horizontal Sash, Fiberglass Reinforced Polyester Liner, Restricted By-Pass (Kewaunee Scientific H07G5496B00) Note: Includes material and installation	16,478.93	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 53 13 11-0049	EA	8' Wide, Combination Sash Bench Fume Hood With Vertical Rising/Horizontal Sash, Modified Epoxy Resin Liner, Restricted By-Pass (Kewaunee Scientific H07K5496B00) Note: Includes material and installation	17,101.11	
11 53 13 11-0050	EA	8' Wide, Combination Sash Bench Fume Hood With Vertical Rising/Horizontal Sash, Type 304 Stainless Steel Liner, Restricted By-Pass (Kewaunee Scientific H07S5496B00) Note: Includes material and installation	21,877.64	
11 53 13 11-0051	EA	8' Wide, Combination Sash Bench Fume Hood With Vertical Rising/Horizontal Sash, Phenolic Resin Liner, Restricted By-Pass (Kewaunee Scientific H07T5496B00) Note: Includes material and installation	15,384.76	
11 53 13 11-0052		**ADA Bench Fume Hood With Vertical Rising Sash (Kewaunee Scientific H08)** *(11 53 13 11-0001)*		
11 53 13 11-0053	EA	4' Wide, ADA Bench Fume Hood With Vertical Rising Sash, Fiberglass Reinforced Polyester Liner, Open By-Pass (Kewaunee Scientific H08G5448-00) Note: Includes material and installation	10,023.11	
11 53 13 11-0054	EA	4' Wide, ADA Bench Fume Hood With Vertical Rising Sash, Modified Epoxy Resin Liner, Open By-Pass (Kewaunee Scientific H08K5448-00) Note: Includes material and installation	10,662.84	
11 53 13 11-0055	EA	4' Wide, ADA Bench Fume Hood With Vertical Rising Sash, Type 304 Stainless Steel Liner, Open By-Pass (Kewaunee Scientific H08S5448-00) Note: Includes material and installation	13,440.21	
11 53 13 11-0056	EA	4' Wide, ADA Bench Fume Hood With Vertical Rising Sash, Phenolic Resin Liner, Open By-Pass (Kewaunee Scientific H08T5448-00) Note: Includes material and installation	9,453.59	
11 53 13 11-0057	EA	5' Wide, ADA Bench Fume Hood With Vertical Rising Sash, Fiberglass Reinforced Polyester Liner, Open By-Pass (Kewaunee Scientific H08G5460-00) Note: Includes material and installation	10,816.92	
11 53 13 11-0058	EA	5' Wide, ADA Bench Fume Hood With Vertical Rising Sash, Modified Epoxy Resin Liner, Open By-Pass (Kewaunee Scientific H08K5460-00) Note: Includes material and installation	11,361.08	
11 53 13 11-0059	EA	5' Wide, ADA Bench Fume Hood With Vertical Rising Sash, Type 304 Stainless Steel Liner, Open By-Pass (Kewaunee Scientific H08S5460-00) Note: Includes material and installation	14,347.14	
11 53 13 11-0060	EA	5' Wide, ADA Bench Fume Hood With Vertical Rising Sash, Phenolic Resin Liner, Open By-Pass (Kewaunee Scientific H08T5460-00) Note: Includes material and installation	10,064.06	
11 53 13 11-0061	EA	6' Wide, ADA Bench Fume Hood With Vertical Rising Sash, Fiberglass Reinforced Polyester Liner, Open By-Pass (Kewaunee Scientific H08G5472-00) Note: Includes material and installation	11,655.59	
11 53 13 11-0062	EA	6' Wide, ADA Bench Fume Hood With Vertical Rising Sash, Modified Epoxy Resin Liner, Open By-Pass (Kewaunee Scientific H08K5472-00) Note: Includes material and installation	12,468.91	
11 53 13 11-0063	EA	6' Wide, ADA Bench Fume Hood With Vertical Rising Sash, Type 304 Stainless Steel Liner, Open By-Pass (Kewaunee Scientific H08S5472-00) Note: Includes material and installation	15,790.44	
11 53 13 11-0064	EA	6' Wide, ADA Bench Fume Hood With Vertical Rising Sash, Phenolic Resin Liner, Open By-Pass (Kewaunee Scientific H08T5472-00) Note: Includes material and installation	11,025.61	
11 53 13 11-0065	EA	4' Wide, ADA Bench Fume Hood With Vertical Rising Sash, Fiberglass Reinforced Polyester Liner, Restricted By-Pass (Kewaunee Scientific H08G5448B00) Note: Includes material and installation	10,177.19	
11 53 13 11-0066	EA	4' Wide, ADA Bench Fume Hood With Vertical Rising Sash, Modified Epoxy Resin Liner, Restricted By-Pass (Kewaunee Scientific H08K5448B00) Note: Includes material and installation	10,846.17	
11 53 13 11-0067	EA	4' Wide, ADA Bench Fume Hood With Vertical Rising Sash, Type 304 Stainless Steel Liner, Restricted By-Pass (Kewaunee Scientific H08S5448B00) Note: Includes material and installation	13,680.11	
11 53 13 11-0068	EA	4' Wide, ADA Bench Fume Hood With Vertical Rising Sash, Phenolic Resin Liner, Restricted By-Pass (Kewaunee Scientific H08T5448B00) Note: Includes material and installation	9,615.47	
11 53 13 11-0069	EA	5' Wide, ADA Bench Fume Hood With Vertical Rising Sash, Fiberglass Reinforced Polyester Liner, Restricted By-Pass (Kewaunee Scientific H08G5460B00) Note: Includes material and installation	10,998.31	
11 53 13 11-0070	EA	5' Wide, ADA Bench Fume Hood With Vertical Rising Sash, Modified Epoxy Resin Liner, Restricted By-Pass (Kewaunee Scientific H08K5460B00) Note: Includes material and installation	11,558.07	
11 53 13 11-0071	EA	5' Wide, ADA Bench Fume Hood With Vertical Rising Sash, Type 304 Stainless Steel Liner, Restricted By-Pass (Kewaunee Scientific H08S5460B00) Note: Includes material and installation	14,606.55	
11 53 13 11-0072	EA	5' Wide, ADA Bench Fume Hood With Vertical Rising Sash, Phenolic Resin Liner, Restricted By-Pass (Kewaunee Scientific H08T5460B00) Note: Includes material and installation	10,235.70	
11 53 13 11-0073	EA	6' Wide, ADA Bench Fume Hood With Vertical Rising Sash, Fiberglass Reinforced Polyester Liner, Restricted By-Pass (Kewaunee Scientific H08G5472B00) Note: Includes material and installation	11,844.78	
11 53 13 11-0074	EA	6' Wide, ADA Bench Fume Hood With Vertical Rising Sash, Modified Epoxy Resin Liner, Restricted By-Pass (Kewaunee Scientific H08K5472B00) Note: Includes material and installation	12,685.40	
11 53 13 11-0075	EA	6' Wide, ADA Bench Fume Hood With Vertical Rising Sash, Type 304 Stainless Steel Liner, Restricted By-Pass (Kewaunee Scientific H08S5472B00) Note: Includes material and installation	16,073.25	
11 53 13 11-0076	EA	6' Wide, ADA Bench Fume Hood With Vertical Rising Sash, Phenolic Resin Liner, Restricted By-Pass (Kewaunee Scientific H08T5472B00) Note: Includes material and installation	11,214.80	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 53 13 11-0077		ADA Bench Fume Hood With Combination Vertical Rising/Horizontal Sash (Kewaunee Scientific H09) *(11 53 13 11-0001)*		
11 53 13 11-0078	EA	4' Wide, ADA Bench Fume Hood With Combination Vertical Rising/Horizontal Sash, Fiberglass Reinforced Polyester Liner, Restricted By-Pass (Kewaunee Scientific H09G5448B00) Note: Includes material and installation	13,660.60	
11 53 13 11-0079	EA	4' Wide, ADA Bench Fume Hood With Combination Vertical Rising/Horizontal Sash, Modified Epoxy Resin Liner, Restricted By-Pass (Kewaunee Scientific H09K5448B00) Note: Includes material and installation	14,852.30	
11 53 13 11-0080	EA	4' Wide, ADA Bench Fume Hood With Combination Vertical Rising/Horizontal Sash, Type 304 Stainless Steel Liner, Restricted By-Pass (Kewaunee Scientific H09S5448B00) Note: Includes material and installation	18,885.72	
11 53 13 11-0081	EA	4' Wide, ADA Bench Fume Hood With Combination Vertical Rising/Horizontal Sash, Phenolic Resin Liner, Restricted By-Pass (Kewaunee Scientific H09T5448B00) Note: Includes material and installation	13,096.94	
11 53 13 11-0082	EA	5' Wide, ADA Bench Fume Hood With Combination Vertical Rising/Horizontal Sash, Fiberglass Reinforced Polyester Liner, Restricted By-Pass (Kewaunee Scientific H09G5460B00) Note: Includes material and installation	14,768.43	
11 53 13 11-0083	EA	5' Wide, ADA Bench Fume Hood With Combination Vertical Rising/Horizontal Sash, Modified Epoxy Resin Liner, Restricted By-Pass (Kewaunee Scientific H09K5460B00) Note: Includes material and installation	15,905.51	
11 53 13 11-0084	EA	5' Wide, ADA Bench Fume Hood With Combination Vertical Rising/Horizontal Sash, Type 304 Stainless Steel Liner, Restricted By-Pass (Kewaunee Scientific H09S5460B00) Note: Includes material and installation	20,256.85	
11 53 13 11-0085	EA	5' Wide, ADA Bench Fume Hood With Combination Vertical Rising/Horizontal Sash, Phenolic Resin Liner, Restricted By-Pass (Kewaunee Scientific H09T5460B00) Note: Includes material and installation	14,015.57	
11 53 13 11-0086	EA	6' Wide, ADA Bench Fume Hood With Combination Vertical Rising/Horizontal Sash, Fiberglass Reinforced Polyester Liner, Restricted By-Pass (Kewaunee Scientific H09G5472B00) Note: Includes material and installation	15,710.47	
11 53 13 11-0087	EA	6' Wide, ADA Bench Fume Hood With Combination Vertical Rising/Horizontal Sash, Modified Epoxy Resin Liner, Restricted By-Pass (Kewaunee Scientific H09K5472B00) Note: Includes material and installation	17,134.26	
11 53 13 11-0088	EA	6' Wide, ADA Bench Fume Hood With Combination Vertical Rising/Horizontal Sash, Type 304 Stainless Steel Liner, Restricted By-Pass (Kewaunee Scientific H09S5472B00) Note: Includes material and installation	21,856.18	
11 53 13 11-0089	EA	6' Wide, ADA Bench Fume Hood With Combination Vertical Rising/Horizontal Sash, Phenolic Resin Liner, Restricted By-Pass (Kewaunee Scientific H09T5472B00) Note: Includes material and installation	15,084.39	
11 53 13 11-0090		Isotope Bench Fume Hood With Vertical Rising Sash (Kewaunee Scientific H20) *(11 53 13 11-0001)*		
11 53 13 11-0091	EA	4' Wide, Isotope Bench Fume Hood With Vertical Rising Sash, Type 304 Stainless Steel Liner, Open By-Pass (Kewaunee Scientific H20S5448-00) Note: Includes material and installation	20,600.12	
11 53 13 11-0092	EA	5' Wide, Isotope Bench Fume Hood With Vertical Rising Sash, Type 304 Stainless Steel Liner, Open By-Pass (Kewaunee Scientific H20S5460-00) Note: Includes material and installation	22,864.54	
11 53 13 11-0093	EA	6' Wide, Isotope Bench Fume Hood With Vertical Rising Sash, Type 304 Stainless Steel Liner, Open By-Pass (Kewaunee Scientific H20S5472-00) Note: Includes material and installation	24,122.55	
11 53 13 11-0094	EA	8' Wide, Isotope Bench Fume Hood With Vertical Rising Sash, Type 304 Stainless Steel Liner, Open By-Pass (Kewaunee Scientific H20S5496-00) Note: Includes material and installation	32,618.49	
11 53 13 11-0095	EA	4' Wide, Isotope Bench Fume Hood With Vertical Rising Sash, Type 304 Stainless Steel Liner, Restricted By-Pass (Kewaunee Scientific H20S5448B00) Note: Includes material and installation	20,773.71	
11 53 13 11-0096	EA	5' Wide, Isotope Bench Fume Hood With Vertical Rising Sash, Type 304 Stainless Steel Liner, Restricted By-Pass (Kewaunee Scientific H20S5460B00) Note: Includes material and installation	23,038.12	
11 53 13 11-0097	EA	6' Wide, Isotope Bench Fume Hood With Vertical Rising Sash, Type 304 Stainless Steel Liner, Restricted By-Pass (Kewaunee Scientific H20S5472B00) Note: Includes material and installation	24,307.84	
11 53 13 11-0098	EA	8' Wide, Isotope Bench Fume Hood With Vertical Rising Sash, Type 304 Stainless Steel Liner, Restricted By-Pass (Kewaunee Scientific H20S5496B00) Note: Includes material and installation	32,827.18	
11 53 13 11-0099		Perchloric Acid Bench Fume Hood With Vertical Rising Sash (Kewaunee Scientific H25) *(11 53 13 11-0001)*		
11 53 13 11-0100	EA	4' Wide, Perchloric Acid Bench Fume Hood With Vertical Rising Sash, Type 316 Stainless Steel Liner, Open By-Pass (Kewaunee Scientific H25L5448-00) Note: Includes material and installation	27,213.93	
11 53 13 11-0101	EA	5' Wide, Perchloric Acid Bench Fume Hood With Vertical Rising Sash, Type 316 Stainless Steel Liner, Open By-Pass (Kewaunee Scientific H25L5460-00) Note: Includes material and installation	27,307.55	
11 53 13 11-0102	EA	6' Wide, Perchloric Acid Bench Fume Hood With Vertical Rising Sash, Type 316 Stainless Steel Liner, Open By-Pass (Kewaunee Scientific H25L5472-00) Note: Includes material and installation	30,295.56	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 53 13 11-0103		HOPEC Style Bench Fume Hood With Vertical Rising/Horizontal Sash (Kewaunee Scientific HOPEC) *(11 53 13 11-0001)*		
11 53 13 11-0104	EA	4' Wide, HOPEC Style Bench Fume Hood With Vertical Rising/Horizontal Sash, Fiberglass Reinforced Polyester Liner, Restricted By-Pass (Kewaunee Scientific HOPG5448B00) Note: Includes material and installation	14,118.95	
11 53 13 11-0105	EA	4' Wide, HOPEC Style Bench Fume Hood With Vertical Rising/Horizontal Sash, Modified Epoxy Resin Liner, Restricted By-Pass (Kewaunee Scientific HOPK5448B00) Note: Includes material and installation	14,748.92	
11 53 13 11-0106	EA	4' Wide, HOPEC Style Bench Fume Hood With Vertical Rising/Horizontal Sash, Type 304 Stainless Steel Liner, Restricted By-Pass (Kewaunee Scientific HOPS5448B00) Note: Includes material and installation	17,740.84	
11 53 13 11-0107	EA	4' Wide, HOPEC Style Bench Fume Hood With Vertical Rising/Horizontal Sash, Phenolic Resin Liner, Restricted By-Pass (Kewaunee Scientific HOPT5448B00) Note: Includes material and installation	13,551.38	
11 53 13 11-0108	EA	5' Wide, HOPEC Style Bench Fume Hood With Vertical Rising/Horizontal Sash, Fiberglass Reinforced Polyester Liner, Restricted By-Pass (Kewaunee Scientific HOPG5460B00) Note: Includes material and installation	15,390.61	
11 53 13 11-0109	EA	5' Wide, HOPEC Style Bench Fume Hood With Vertical Rising/Horizontal Sash, Modified Epoxy Resin Liner, Restricted By-Pass (Kewaunee Scientific HOPK5460B00) Note: Includes material and installation	16,020.59	
11 53 13 11-0110	EA	5' Wide, HOPEC Style Bench Fume Hood With Vertical Rising/Horizontal Sash, Type 304 Stainless Steel Liner, Restricted By-Pass (Kewaunee Scientific HOPS5460B00) Note: Includes material and installation	19,030.05	
11 53 13 11-0111	EA	5' Wide, HOPEC Style Bench Fume Hood With Vertical Rising/Horizontal Sash, Phenolic Resin Liner, Restricted By-Pass (Kewaunee Scientific HOPT5460B00) Note: Includes material and installation	14,637.75	
11 53 13 11-0112	EA	6' Wide, HOPEC Style Bench Fume Hood With Vertical Rising/Horizontal Sash, Fiberglass Reinforced Polyester Liner, Restricted By-Pass (Kewaunee Scientific HOPG5472B00) Note: Includes material and installation	16,441.87	
11 53 13 11-0113	EA	6' Wide, HOPEC Style Bench Fume Hood With Vertical Rising/Horizontal Sash, Modified Epoxy Resin Liner, Restricted By-Pass (Kewaunee Scientific HOPK5472B00) Note: Includes material and installation	17,066.00	
11 53 13 11-0114	EA	6' Wide, HOPEC Style Bench Fume Hood With Vertical Rising/Horizontal Sash, Type 304 Stainless Steel Liner, Restricted By-Pass (Kewaunee Scientific HOPS5472B00) Note: Includes material and installation	19,948.69	
11 53 13 11-0115	EA	6' Wide, HOPEC Style Bench Fume Hood With Vertical Rising/Horizontal Sash, Phenolic Resin Liner, Restricted By-Pass (Kewaunee Scientific HOPT5472B00) Note: Includes material and installation	15,809.94	
11 53 13 11-0116	EA	8' Wide, HOPEC Style Bench Fume Hood With Vertical Rising/Horizontal Sash, Fiberglass Reinforced Polyester Liner, Restricted By-Pass (Kewaunee Scientific HOPG5496B00) Note: Includes material and installation	21,415.39	
11 53 13 11-0117	EA	8' Wide, HOPEC Style Bench Fume Hood With Vertical Rising/Horizontal Sash, Modified Epoxy Resin Liner, Restricted By-Pass (Kewaunee Scientific HOPK5496B00) Note: Includes material and installation	22,043.42	
11 53 13 11-0118	EA	8' Wide, HOPEC Style Bench Fume Hood With Vertical Rising/Horizontal Sash, Type 304 Stainless Steel Liner, Restricted By-Pass (Kewaunee Scientific HOPS5496B00) Note: Includes material and installation	26,816.05	
11 53 13 11-0119	EA	8' Wide, HOPEC Style Bench Fume Hood With Vertical Rising/Horizontal Sash, Phenolic Resin Liner, Restricted By-Pass (Kewaunee Scientific HOPT5496B00) Note: Includes material and installation	20,317.32	
11 53 13 11-0120		General Purpose Walk-In Fume Hood With Vertical Rising Sash (Kewaunee Scientific H30) *(11 53 13 11-0001)*		
11 53 13 11-0121	EA	4' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Fiberglass Reinforced Polyester Liner, Open By-Pass (Kewaunee Scientific H30G9048-00) Note: Includes material and installation	20,742.50	
11 53 13 11-0122	EA	4' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Modified Epoxy Resin Liner, Open By-Pass (Kewaunee Scientific H30K9048-00) Note: Includes material and installation	21,362.73	
11 53 13 11-0123	EA	4' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Type 304 Stainless Steel Liner, Open By-Pass (Kewaunee Scientific H30S9048-00) Note: Includes material and installation	26,580.05	
11 53 13 11-0124	EA	4' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Phenolic Resin Liner, Open By-Pass (Kewaunee Scientific H30T9048-00) Note: Includes material and installation	19,486.45	
11 53 13 11-0125	EA	5' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Fiberglass Reinforced Polyester Liner, Open By-Pass (Kewaunee Scientific H30G9060-00) Note: Includes material and installation	22,103.88	
11 53 13 11-0126	EA	5' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Modified Epoxy Resin Liner, Open By-Pass (Kewaunee Scientific H30K9060-00) Note: Includes material and installation	22,731.91	
11 53 13 11-0127	EA	5' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Type 304 Stainless Steel Liner, Open By-Pass (Kewaunee Scientific H30S9060-00) Note: Includes material and installation	29,513.45	
11 53 13 11-0128	EA	5' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Phenolic Resin Liner, Open By-Pass (Kewaunee Scientific H30T9060-00) Note: Includes material and installation	20,668.39	
11 53 13 11-0129	EA	6' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Fiberglass Reinforced Polyester Liner, Open By-Pass (Kewaunee Scientific H30G9072-00) Note: Includes material and installation	23,455.51	
11 53 13 11-0130	EA	6' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Modified Epoxy Resin Liner, Open By-Pass (Kewaunee Scientific H30K9072-00) Note: Includes material and installation	24,077.69	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 53 13 11-0131	EA	6' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Type 304 Stainless Steel Liner, Open By-Pass (Kewaunee Scientific H30S9072-00) Note: Includes material and installation	31,625.74	
11 53 13 11-0132	EA	6' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Phenolic Resin Liner, Open By-Pass (Kewaunee Scientific H30T9072-00) Note: Includes material and installation	22,885.99	
11 53 13 11-0133	EA	8' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Fiberglass Reinforced Polyester Liner, Open By-Pass (Kewaunee Scientific H30G9096-00) Note: Includes material and installation	29,942.54	
11 53 13 11-0134	EA	8' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Modified Epoxy Resin Liner, Open By-Pass (Kewaunee Scientific H30K9096-00) Note: Includes material and installation	30,574.47	
11 53 13 11-0135	EA	8' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Type 304 Stainless Steel Liner, Open By-Pass (Kewaunee Scientific H30S9096-00) Note: Includes material and installation	41,001.31	
11 53 13 11-0136	EA	8' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Phenolic Resin Liner, Open By-Pass (Kewaunee Scientific H30T9096-00) Note: Includes material and installation	28,458.29	
11 53 13 11-0137	EA	4' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Fiberglass Reinforced Polyester Liner, Restricted By-Pass (Kewaunee Scientific H30G9048B00) Note: Includes material and installation	20,902.44	
11 53 13 11-0138	EA	4' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Modified Epoxy Resin Liner, Restricted By-Pass (Kewaunee Scientific H30K9048B00) Note: Includes material and installation	21,518.76	
11 53 13 11-0139	EA	4' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Type 304 Stainless Steel Liner, Restricted By-Pass (Kewaunee Scientific H30S9048B00) Note: Includes material and installation	26,739.98	
11 53 13 11-0140	EA	4' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Phenolic Resin Liner, Restricted By-Pass (Kewaunee Scientific H30T9048B00) Note: Includes material and installation	19,644.43	
11 53 13 11-0141	EA	5' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Fiberglass Reinforced Polyester Liner, Restricted By-Pass (Kewaunee Scientific H30G9060B00) Note: Includes material and installation	22,281.37	
11 53 13 11-0142	EA	5' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Modified Epoxy Resin Liner, Restricted By-Pass (Kewaunee Scientific H30K9060B00) Note: Includes material and installation	22,907.45	
11 53 13 11-0143	EA	5' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Type 304 Stainless Steel Liner, Restricted By-Pass (Kewaunee Scientific H30S9060B00) Note: Includes material and installation	29,692.89	
11 53 13 11-0144	EA	5' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Phenolic Resin Liner, Restricted By-Pass (Kewaunee Scientific H30T9060B00) Note: Includes material and installation	20,847.83	
11 53 13 11-0145	EA	6' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Fiberglass Reinforced Polyester Liner, Restricted By-Pass (Kewaunee Scientific H30G9072B00) Note: Includes material and installation	23,642.75	
11 53 13 11-0146	EA	6' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Modified Epoxy Resin Liner, Restricted By-Pass (Kewaunee Scientific H30K9072B00) Note: Includes material and installation	24,266.88	
11 53 13 11-0147	EA	6' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Type 304 Stainless Steel Liner, Restricted By-Pass (Kewaunee Scientific H30S9072B00) Note: Includes material and installation	31,814.92	
11 53 13 11-0148	EA	6' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Phenolic Resin Liner, Restricted By-Pass (Kewaunee Scientific H30T9072B00) Note: Includes material and installation	23,077.13	
11 53 13 11-0149	EA	8' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Fiberglass Reinforced Polyester Liner, Restricted By-Pass (Kewaunee Scientific H30G9096B00) Note: Includes material and installation	30,143.43	
11 53 13 11-0150	EA	8' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Modified Epoxy Resin Liner, Restricted By-Pass (Kewaunee Scientific H30K9096B00) Note: Includes material and installation	30,777.31	
11 53 13 11-0151	EA	8' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Type 304 Stainless Steel Liner, Restricted By-Pass (Kewaunee Scientific H30S9096B00) Note: Includes material and installation	41,202.20	
11 53 13 11-0152	EA	8' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Phenolic Resin Liner, Restricted By-Pass (Kewaunee Scientific H30T9096B00) Note: Includes material and installation	28,663.08	
11 53 13 11-0153		Stand Alone, TruView® Teaching Hoods (Kewaunee Scientific T90) *(11 53 13 11-0001)*		
11 53 13 11-0154	EA	4' Wide, Stand Alone, Single Sided Hood Structure, TruView® Teaching Hoods (Kewaunee Scientific T90M3048-SA) Note: Includes material and installation	16,908.02	
11 53 13 11-0155	EA	5' Wide, Stand Alone, Single Sided Hood Structure, TruView® Teaching Hoods (Kewaunee Scientific T90M3060-SA) Note: Includes material and installation	19,273.85	
11 53 13 11-0156	EA	6' Wide, Stand Alone, Single Sided Hood Structure, TruView® Teaching Hoods (Kewaunee Scientific T90M3072-SA) Note: Includes material and installation	20,888.78	
11 53 13 11-0157	EA	4' Wide, Stand Alone, Double Sided Hood Structure, TruView® Teaching Hoods (Kewaunee Scientific T90M6048-SA) Note: Includes material and installation	29,843.07	
11 53 13 11-0158	EA	5' Wide, Stand Alone, Double Sided Hood Structure, TruView® Teaching Hoods (Kewaunee Scientific T90M6060-SA) Note: Includes material and installation	34,174.91	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 53 13 11-0159	EA	6' Wide, Stand Alone, Double Sided Hood Structure, TruView® Teaching Hoods (Kewaunee Scientific T90M6072-SA) Note: Includes material and installation	36,355.46	
11 53 13 11-0160		**Options For Fume Hoods (Kewaunee Scientific)** *(11 53 13 11-0001)*		
11 53 13 11-0161	EA	Single Point Adjustable Baffles (Kewaunee Scientific Option C) Note: Includes material and installation	450.54	
11 53 13 11-0162	EA	Fire Extinguisher (Kewaunee Scientific Option E) Note: Includes material and installation	1,950.40	
11 53 13 11-0163	EA	Stainless Steel Lower Deflector Vane (Kewaunee Scientific Option O) Note: Includes material and installation	323.77	
11 53 13 11-0164	EA	4' Wide, Black Epoxy Resin Worksurface (Kewaunee Scientific 019243-48B) Note: Includes material and installation	1,328.22	
11 53 13 11-0165	EA	5' Wide, Black Epoxy Resin Worksurface (Kewaunee Scientific 019243-60B) Note: Includes material and installation	1,552.52	
11 53 13 11-0166	EA	6' Wide, Black Epoxy Resin Worksurface (Kewaunee Scientific 019243-72B) Note: Includes material and installation	1,790.47	
11 53 13 11-0167	EA	8' Wide, Black Epoxy Resin Worksurface (Kewaunee Scientific 019243-96B) Note: Includes material and installation	2,317.08	
11 53 13 11-0168	EA	4' Wide, Black Epoxy Resin Worksurface For ADA Fume Hood (Kewaunee Scientific 020126-48B) Note: Includes material and installation	1,328.22	
11 53 13 11-0169	EA	5' Wide, Black Epoxy Resin Worksurface For ADA Fume Hood (Kewaunee Scientific 020126-60B) Note: Includes material and installation	1,552.52	
11 53 13 11-0170	EA	6' Wide, Black Epoxy Resin Worksurface For ADA Fume Hood (Kewaunee Scientific 020126-72B) Note: Includes material and installation	1,790.47	
11 53 13 11-0171	EA	4' Wide, Black Epoxy Resin Worksurface For HOPEC Fume Hood (Kewaunee Scientific 020128-48B) Note: Includes material and installation	1,328.22	
11 53 13 11-0172	EA	5' Wide, Black Epoxy Resin Worksurface For HOPEC Fume Hood (Kewaunee Scientific 020128-60B) Note: Includes material and installation	1,552.52	
11 53 13 11-0173	EA	6' Wide, Black Epoxy Resin Worksurface For HOPEC Fume Hood (Kewaunee Scientific 020128-72B) Note: Includes material and installation	1,790.47	
11 53 13 11-0174	EA	8' Wide, Black Epoxy Resin Worksurface For HOPEC Fume Hood (Kewaunee Scientific 020128-96B) Note: Includes material and installation	2,317.08	
11 53 13 11-0175	EA	4' Wide, Black Epoxy Resin Worksurface For Walk-In Fume Hood (Kewaunee Scientific 019250-48B) Note: Includes material and installation	1,386.73	
11 53 13 11-0176	EA	5' Wide, Black Epoxy Resin Worksurface For Walk-In Fume Hood (Kewaunee Scientific 019250-60B) Note: Includes material and installation	1,620.78	
11 53 13 11-0177	EA	6' Wide, Black Epoxy Resin Worksurface For Walk-In Fume Hood (Kewaunee Scientific 019250-72B) Note: Includes material and installation	1,874.33	
11 53 13 11-0178	EA	8' Wide, Black Epoxy Resin Worksurface For Walk-In Fume Hood (Kewaunee Scientific 019250-96B) Note: Includes material and installation	2,426.30	
11 53 13 11-0179	EA	Black Poly Cupsink (Kewaunee Scientific 0491-BP) Note: Includes material and installation	173.59	
11 53 13 11-0180	EA	Stainless Steel Cupsink (Kewaunee Scientific 0950-0F) Note: Includes material and installation	1,632.48	
11 53 13 11-0181	EA	Air Service Fitting, Panel Flange With Angle Serrated Hose Connector (Kewaunee Scientific W-0860-3A-I) Note: Includes material and installation	622.18	
11 53 13 11-0182	EA	Gas Service Fitting, Panel Flange With Angle Serrated Hose Connector (Kewaunee Scientific W-0860-3G-I) Note: Includes material and installation	622.18	
11 53 13 11-0183	EA	Vacuum Service Fitting, Panel Flange With Angle Serrated Hose Connector (Kewaunee Scientific W-0860-3V-I) Note: Includes material and installation	622.18	
11 53 13 11-0184	EA	Steam Service Fitting, Panel Flange With Angle Serrated Hose Connector (Kewaunee Scientific W-0861-3S-I) Note: Includes material and installation	694.34	
11 53 13 11-0185	EA	Cold Water Service Fitting, Panel Flange With Angle Serrated Hose Connector (Kewaunee Scientific W-0861-3W-I) Note: Includes material and installation	694.34	
11 53 13 11-0186	EA	Distilled Water Service Fitting, Panel Flange With Angle Serrated Hose Connector (Kewaunee Scientific W-0861-3D-I) Note: Includes material and installation	1,029.81	
11 53 13 11-0187	EA	Cold Water Service Fitting, Gooseneck With Vacuum Breaker, 27-3/4" Long Handle (Kewaunee Scientific W-0864-3WV-I) Note: Includes material and installation	1,053.22	
11 53 13 11-0188	EA	Cold Water Service Fitting, Gooseneck With Vacuum Breaker, 12-1/2" Long Handle (Kewaunee Scientific W-0864-3WVA-I) Note: Includes material and installation	1,080.52	
11 53 13 11-0189	EA	Hot And Cold Water Service Fitting, Gooseneck With Vacuum Breaker, 27-3/4" Long Handle (Kewaunee Scientific W-0868-3WV-I) Note: Includes material and installation	1,677.34	
11 53 13 11-0190	EA	Hot And Cold Water Service Fitting, Gooseneck With Vacuum Breaker, 12-1/2" Long Handle (Kewaunee Scientific W-0868-3WVA-I) Note: Includes material and installation	1,741.71	
11 53 13 11-0191		**Base Cabinets For Fume Hoods (Kewaunee Scientific)** *(11 53 13 11-0001)*		
11 53 13 11-0192	EA	24" Long x 35-3/4" High x 22" Deep, Single Door, Fume Hood Steel Base Cabinet (Kewaunee Scientific G08M3724-0) Note: Includes material and installation	1,220.95	
11 53 13 11-0193	EA	30" Long x 35-3/4" High x 22" Deep, Double Door, Fume Hood Steel Base Cabinet (Kewaunee Scientific G08M3730-0) Note: Includes material and installation	1,488.16	
11 53 13 11-0194	EA	36" Long x 35-3/4" High x 22" Deep, Double Door, Fume Hood Steel Base Cabinet (Kewaunee Scientific G08M3736-0) Note: Includes material and installation	1,566.17	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 53 13 11-0195	EA	48" Long x 35-3/4" High x 22" Deep, Double Door, Fume Hood Steel Base Cabinet (Kewaunee Scientific G08M3748-0) Note: Includes material and installation	1,616.88	
11 53 13 11-0196	EA	60" Long x 35-3/4" High x 22" Deep, Double Door, Fume Hood Steel Base Cabinet (Kewaunee Scientific G08M3760-0) Note: Includes material and installation	1,765.11	
11 53 13 11-0197	EA	24" Long x 35-3/4" High x 22" Deep, Single Door, Fume Hood Wood Base Cabinet (Kewaunee Scientific G08H3624-0) Note: Includes material and installation	1,220.95	
11 53 13 11-0198	EA	30" Long x 35-3/4" High x 22" Deep, Double Door, Fume Hood Wood Base Cabinet (Kewaunee Scientific G08H3630-0) Note: Includes material and installation	1,488.16	
11 53 13 11-0199	EA	36" Long x 35-3/4" High x 22" Deep, Double Door, Fume Hood Wood Base Cabinet (Kewaunee Scientific G08H3636-0) Note: Includes material and installation	1,577.87	
11 53 13 11-0200	EA	48" Long x 35-3/4" High x 22" Deep, Double Door, Fume Hood Wood Base Cabinet (Kewaunee Scientific G08H3648-0) Note: Includes material and installation	1,616.88	
11 53 13 11-0201	EA	60" Long x 35-3/4" High x 22" Deep, Double Door, Fume Hood Wood Base Cabinet (Kewaunee Scientific G08H3660-0) Note: Includes material and installation	1,765.11	
11 53 13 11-0202	EA	15" Long x 30" High x 22" Deep, Single Door, Fume Hood Steel Base Cabinet (Kewaunee Scientific G00M3115-0) Note: Includes material and installation	1,228.75	
11 53 13 11-0203	EA	18" Long x 30" High x 22" Deep, Single Door, Fume Hood Steel Base Cabinet (Kewaunee Scientific G00M3118-0) Note: Includes material and installation	1,300.92	
11 53 13 11-0204	EA	21" Long x 30" High x 22" Deep, Single Door, Fume Hood Steel Base Cabinet (Kewaunee Scientific G00M3121-0) Note: Includes material and installation	1,357.48	
11 53 13 11-0205	EA	24" Long x 30" High x 22" Deep, Single Door, Fume Hood Steel Base Cabinet (Kewaunee Scientific G00M3124-0) Note: Includes material and installation	1,375.03	
11 53 13 11-0206	EA	24" Long x 35-3/4" High x 22" Deep, Single Door, Solvent Storage Fume Hood Steel Base Cabinet (Kewaunee Scientific G68M3724-01) Note: Includes material and installation	2,972.41	
11 53 13 11-0207	EA	30" Long x 35-3/4" High x 22" Deep, Double Door, Solvent Storage Fume Hood Steel Base Cabinet (Kewaunee Scientific G68M3730-01) Note: Includes material and installation	3,928.11	
11 53 13 11-0208	EA	36" Long x 35-3/4" High x 22" Deep, Double Door, Solvent Storage Fume Hood Steel Base Cabinet (Kewaunee Scientific G68M3736-01) Note: Includes material and installation	4,105.59	
11 53 13 11-0209	EA	48" Long x 35-3/4" High x 22" Deep, Double Door, Solvent Storage Fume Hood Steel Base Cabinet (Kewaunee Scientific G68M3748-01) Note: Includes material and installation	4,690.71	
11 53 13 11-0210	EA	24" Long x 35-3/4" High x 22" Deep, Single Door, Acid Storage Fume Hood Steel Base Cabinet (Kewaunee Scientific G80M3724-0) Note: Includes material and installation	2,350.23	
11 53 13 11-0211	EA	30" Long x 35-3/4" High x 22" Deep, Double Door, Acid Storage Fume Hood Steel Base Cabinet (Kewaunee Scientific G80M3730-0) Note: Includes material and installation	2,730.56	
11 53 13 11-0212	EA	36" Long x 35-3/4" High x 22" Deep, Double Door, Acid Storage Fume Hood Steel Base Cabinet (Kewaunee Scientific G80M3736-0) Note: Includes material and installation	2,777.37	
11 53 13 11-0213	EA	48" Long x 35-3/4" High x 22" Deep, Double Door, Acid Storage Fume Hood Steel Base Cabinet (Kewaunee Scientific G80M3748-0) Note: Includes material and installation	2,941.20	
11 53 13 11-0214	EA	60" Long x 35-3/4" High x 22" Deep, Double Door, Acid Storage Fume Hood Steel Base Cabinet (Kewaunee Scientific G80M3760-0) Note: Includes material and installation	3,222.06	
11 53 13 11-0215	EA	24" Long x 35-3/4" High x 22" Deep, Single Door, Acid Storage Fume Hood Wood Base Cabinet (Kewaunee Scientific G80H3724-0) Note: Includes material and installation	2,116.18	
11 53 13 11-0216	EA	30" Long x 35-3/4" High x 22" Deep, Double Door, Acid Storage Fume Hood Wood Base Cabinet (Kewaunee Scientific G80H3730-0) Note: Includes material and installation	2,395.09	
11 53 13 11-0217	EA	36" Long x 35-3/4" High x 22" Deep, Double Door, Acid Storage Fume Hood Wood Base Cabinet (Kewaunee Scientific G80H3736-0) Note: Includes material and installation	2,490.66	
11 53 13 11-0218	EA	48" Long x 35-3/4" High x 22" Deep, Double Door, Acid Storage Fume Hood Wood Base Cabinet (Kewaunee Scientific G80H3748-0) Note: Includes material and installation	2,648.64	
11 53 13 11-0219	EA	60" Long x 35-3/4" High x 22" Deep, Double Door, Acid Storage Fume Hood Wood Base Cabinet (Kewaunee Scientific G80H3760-0) Note: Includes material and installation	2,853.44	
11 53 13 11-0220		Filters And Housing For Fume Hoods (Kewaunee Scientific) *(11 53 13 11-0001)*		
11 53 13 11-0221	EA	Painted CRS Filter Housing (Kewaunee Scientific X-016869) Note: Includes material and installation	1,927.00	
11 53 13 11-0222	EA	Stainless Steel Filter Housing (Kewaunee Scientific X-016868) Note: Includes material and installation	22,486.16	
11 53 13 11-0223	EA	High Efficiency Filter (Kewaunee Scientific 0864-00) Note: Includes material and installation	1,927.00	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 53 13 11-0224	EA	Charcoal Absorber (Kewaunee Scientific 0855-00) Note: Includes material and installation	22,486.16	
11 53 13 11-0225	EA	Prefilter (Kewaunee Scientific 0863-00) Note: Includes material and installation	144.33	
11 53 13 11-0226		Centrifugal Fans For Fume Hoods (Kewaunee Scientific) *(11 53 13 11-0001)*		
11 53 13 11-0227	EA	1/4 HP, Single-Phase, 9" Outlet, Centrifugal Fume Hood Fan (Kewaunee Scientific HFS-0902-T1) Note: Includes material and installation	5,201.72	
11 53 13 11-0228	EA	1/3 HP, Single-Phase, 9" Outlet, Centrifugal Fume Hood Fan (Kewaunee Scientific HFS-0903-T1) Note: Includes material and installation	5,346.05	
11 53 13 11-0229	EA	1/2 HP, Single-Phase, 9" Outlet, Centrifugal Fume Hood Fan (Kewaunee Scientific HFS-0905-T1) Note: Includes material and installation	5,418.21	
11 53 13 11-0230	EA	3/4 HP, Single-Phase, 10" Outlet, Centrifugal Fume Hood Fan (Kewaunee Scientific HFS-1008-T1) Note: Includes material and installation	5,990.65	
11 53 13 11-0231	EA	1 HP, Single-Phase, 13" Outlet, Centrifugal Fume Hood Fan (Kewaunee Scientific HFS-1310-T1) Note: Includes material and installation	6,563.10	
11 53 13 11-0232	EA	1-1/2 HP, Single-Phase, 14-1/2" Outlet, Centrifugal Fume Hood Fan (Kewaunee Scientific HFS-1415-T1) Note: Includes material and installation	9,411.66	
11 53 13 11-0233	EA	2 HP, Single-Phase, 16-1/8" Outlet, Centrifugal Fume Hood Fan (Kewaunee Scientific HFS-1620-T1) Note: Includes material and installation	12,260.21	
11 53 13 11-0234		Exhaust Stacks And Adapters For Fume Hoods (Kewaunee Scientific) *(11 53 13 11-0001)*		
11 53 13 11-0235	EA	6-9/16" Diameter x 99-1/8" Long, Cold Rolled Steel Stackhead (Kewaunee Scientific HES-0909-00) Note: Includes material and installation	865.98	
11 53 13 11-0236	EA	8-1/16" Diameter x 97-7/8" Long, Cold Rolled Steel Stackhead (Kewaunee Scientific HES-0909-00) Note: Includes material and installation	949.84	
11 53 13 11-0237	EA	9-11/16" Diameter x 92-1/2" Long, Cold Rolled Steel Stackhead (Kewaunee Scientific HES-0909-00) Note: Includes material and installation	967.40	
11 53 13 11-0238	EA	10-13/16" Diameter x 91-1/4" Long, Cold Rolled Steel Stackhead (Kewaunee Scientific HES-0909-00) Note: Includes material and installation	1,064.92	
11 53 13 11-0239	EA	11-11/16" Diameter x 90-3/4" Long, Cold Rolled Steel Stackhead (Kewaunee Scientific HES-0909-00) Note: Includes material and installation	1,172.27	
11 53 13 11-0240	EA	6-9/16" Diameter x 10-13/16" Diameter Outlet Adapter (Kewaunee Scientific HOA-0912-00) Note: Includes material and installation	1,240.45	
11 53 13 11-0241	EA	8-1/16" Diameter x 11-13/16" Diameter Outlet Adapter (Kewaunee Scientific HOA-1012-00) Note: Includes material and installation	1,349.68	
11 53 13 11-0242	EA	9-11/16" Diameter x 13-5/16" Diameter Outlet Adapter (Kewaunee Scientific HOA-1312-00) Note: Includes material and installation	1,480.35	
11 53 13 11-0243	EA	10-13/16" Diameter x 14-11/16" Diameter Outlet Adapter (Kewaunee Scientific HOA-1412-00) Note: Includes material and installation	1,554.47	
11 53 13 11-0244	EA	11-11/16" Diameter x 16-15/16" Diameter Outlet Adapter (Kewaunee Scientific HOA-1612-00) Note: Includes material and installation	1,583.72	
11 53 13 11-0245	EA	11-15/16" Diameter x 9-1/16" Diameter Inlet Adapter (Kewaunee Scientific HIA-1209-00) Note: Includes material and installation	961.55	
11 53 13 11-0246	EA	11-15/16" Diameter x 10-1/16" Diameter Inlet Adapter (Kewaunee Scientific HIA-1210-00) Note: Includes material and installation	992.75	
11 53 13 11-0247	EA	11-15/16" Diameter x 13-5/16" Diameter Inlet Adapter (Kewaunee Scientific HIA-1213-00) Note: Includes material and installation	1,012.26	
11 53 13 11-0248	EA	11-15/16" Diameter x 14-9/16" Diameter Inlet Adapter (Kewaunee Scientific HIA-1214-00) Note: Includes material and installation	1,053.22	
11 53 13 11-0249	EA	11-15/16" Diameter x 16-3/16" Diameter Inlet Adapter (Kewaunee Scientific HIA-1216-00) Note: Includes material and installation	1,140.98	
11 53 13 11-0250		Biological Fume Hoods And Cabinets *(11 53 13 11)* Note: VWR scientific or approved equal. VWR model number listed for reference. Equipment set in place and final connections. Excludes piping, ductwork and electrical rough-ins. Other accepted manufactures: NuAire, Forma and Baker or equal.		
11 53 13 11-0251		Purifier® Logic® Class II, Type A2 Biosafety Cabinets (VWR 9700) *(11 53 13 11-0250)* Note: Includes two high efficiency particulate air (HEPA) filters, fluorescent lighting, UV lamp, 8" or 10" sash, LCD information center and service fixtures. Excludes base stand.		
11 53 13 11-0252	EA	3' Width, Purifier® Logic® Class II, Type A2 Biosafety Cabinet (VWR 9700)	17,854.31	805.18
11 53 13 11-0253	EA	4' Width, Purifier® Logic® Class II, Type A2 Biosafety Cabinet (VWR 9700)	19,940.44	805.18
11 53 13 11-0254	EA	5' Width, Purifier® Logic® Class II, Type A2 Biosafety Cabinet (VWR 9700)	23,677.48	912.44
11 53 13 11-0255	EA	6' Width, Purifier® Logic® Class II, Type A2 Biosafety Cabinet (VWR 9700)	25,057.30	912.44
11 53 13 11-0256		Base Stands For Purifier® Logic® Biosafety Cabinets (VWR) *(11 53 13 11-0250)* Note: ADA compliant. Includes epoxy coating.		
11 53 13 11-0257	EA	3' Width, Base Stand For Purifier® Logic® Biosafety Cabinet (VWR)	1,502.12	118.10
11 53 13 11-0258	EA	4' Width, Base Stand For Purifier® Logic® Biosafety Cabinet (VWR)	1,633.81	150.33
11 53 13 11-0259	EA	5' Width, Base Stand For Purifier® Logic® Biosafety Cabinet (VWR)	1,728.48	182.54
11 53 13 11-0260	EA	6' Width, Base Stand For Purifier® Logic® Biosafety Cabinet (VWR)	1,909.66	214.75

11 60 Entertainment and Recreation Equipment *(11)*

11 61 Broadcast, Theater, and Stage Equipment *(11 60)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 61 23		**Folding and Portable Stages** *(11 61)*		
11 61 23 00-0001		Roll Out Stage, Steel Frame, Wood Floor *(11 61 23)*		
11 61 23 00-0002	SF	Roll Out Stage, Manual With Steel Frame And Wood Floor	123.46	7.40
11 61 23 00-0003	SF	Roll Out Stage, Electric With Steel Frame And Wood Floor	167.66	7.37
11 61 23 00-0004		Portable Stages, With Steps, Folding Legs, Stock Design *(11 61 23)*		
		Note: A heavy-gauge steel frame supports the solid plywood deck. Supports 200 pounds per square foot and folds to less than two inches high for storage and transport.		
11 61 23 00-0005	SF	Portable Stage, 8" High Hardwood Deck With Steps And Folding Legs	41.61	2.65
11 61 23 00-0006	SF	Portable Stage, 16" High Hardwood Deck With Steps And Folding Legs	45.79	2.91
11 61 23 00-0007	SF	Portable Stage, 24" High Hardwood Deck With Steps And Folding Legs	47.50	3.17
11 61 23 00-0008	SF	Portable Stage, 32" High Hardwood Deck With Steps And Folding Legs	48.93	3.31
11 61 23 00-0009	SF	Portable Stage, 48" High Hardwood Deck With Steps And Folding Legs	52.50	3.52
11 61 23 00-0010		Telescoping Platforms, Aluminum *(11 61 23)*		
11 61 23 00-0011	SF	Telescoping Platforms, Aluminum Straight, Minimum	134.38	6.35
11 61 23 00-0012	SF	Telescoping Platforms, Aluminum Straight	157.29	6.35
11 61 23 00-0013	SF	Telescoping Platforms, Aluminum Pie Shaped, Minimum	158.61	10.57
11 61 23 00-0014	SF	Telescoping Platforms, Aluminum Pie Shaped	187.25	10.57
11 61 23 00-0015		Band Risers, Steel Frame, Plywood Deck *(11 61 23)*		
11 61 23 00-0016	SF	8" High Band Risers, Steel Frame Wood Deck	52.83	2.65
11 61 23 00-0017	SF	12" High Band Risers, Steel Frame Wood Deck	56.47	2.65
11 61 23 00-0018	SF	16" High Band Risers, Steel Frame Wood Deck	59.29	2.65
11 61 23 00-0019	SF	24" High Band Risers, Steel Frame Wood Deck	63.00	2.65
11 61 23 00-0020		Chairs For Risers, Self Storing *(11 61 23)*		
11 61 23 00-0021	EA	Chairs For Risers, Self Storing	133.81	5.29
11 66		**Athletic Equipment** *(11 60)*		
11 66 13		**Exercise Equipment** *(11 66)*		
11 66 13 00-0001		Fitness Systems *(11 66 13)*		
11 66 13 00-0002		Components For Physical Fitness Activities *(11 66 13 00-0001)*		
11 66 13 00-0003	EA	Sit And Reach	1,652.47	132.72
11 66 13 00-0004	EA	Isometric Squat	616.68	53.09
11 66 13 00-0005	EA	Log Jump	3,978.99	212.34
11 66 13 00-0006	EA	Step Up	905.86	106.17
11 66 13 00-0007	EA	Hip Rotation	4,359.34	185.81
11 66 13 00-0008	EA	Body Curl	1,618.64	106.17
11 66 13 00-0009	EA	Horizontal Ladder	5,269.71	212.34
11 66 13 00-0010	EA	Chin Up	3,998.26	212.34
11 66 13 00-0011	EA	Push Up	2,437.38	106.17
11 66 13 00-0012	EA	Leg Raise	3,410.47	159.26
11 66 13 00-0013	EA	Log Hop	1,541.37	53.09
11 66 13 00-0014	EA	Parallel Bar	3,280.44	159.26
11 66 13 00-0015	EA	Leg Stretch	1,387.47	106.17
11 66 13 00-0016	EA	Balance Beam	1,242.89	79.63
11 66 13 00-0017	EA	Log Roll	3,906.41	132.72
11 66 13 00-0018		Weight Room Equipment *(11 66 13)*		
11 66 13 00-0019		Benches And Free Weights *(11 66 13 00-0018)*		
11 66 13 00-0020		Benches *(11 66 13 00-0019)*		
11 66 13 00-0021	EA	Icarian Olympic Bench	1,683.32	
		Note: Precor Icarian model number PRE CW408.		
11 66 13 00-0022	EA	Icarian Squat Rack	2,857.72	
		Note: Precor Icarian model number PRE CW608.		
11 66 13 00-0023	EA	Icarian Smith Machine	8,207.82	
		Note: Precor Icarian model number PRE CW802.		
11 66 13 00-0024	EA	Icarian Seat Preacher Curl	1,683.32	
		Note: Precor Icarian model number PRE CW202.		
11 66 13 00-0025	EA	Icarian Flat Bench	1,030.87	
		Note: Precor Icarian model number PRE CW101.		
11 66 13 00-0026	EA	Icarian Superbench	2,205.28	
		Note: Precor Icarian model number PRE CW119.		
11 66 13 00-0027	EA	Icarian Adjustable Decline Bench	1,683.32	
		Note: Precor Icarian model number PRE CW113.		
11 66 13 00-0028	EA	Life Fitness Olympic Flat Bench	1,693.76	
		Note: Life Fitness model number OFB.		
11 66 13 00-0029	EA	Life Fitness Olympic Squat Rack	2,607.19	
		Note: Life Fitness model number OSR.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 66 13 00-0030	EA	Life Fitness Smith Machine Note: Life Fitness model number PLSM.	7,304.82	
11 66 13 00-0031	EA	Life Fitness Arm Curl, Seated Note: Life Fitness model number FWAC.	1,824.24	
11 66 13 00-0032	EA	Life Fitness Flat Bench Note: Life Fitness model number FWFB.	728.13	
11 66 13 00-0033	EA	Life Fitness Multi-Adjustable Bench Note: Life Fitness model number FWMAB.	2,085.23	
11 66 13 00-0034	EA	Life Fitness Decline/Abdominal Bench Note: Life Fitness model number FWDB.	1,302.29	
11 66 13 00-0035		**Plates** *(11 66 13 00-0019)*		
11 66 13 00-0036	EA	TKO 2.5 LB Rubber Olympic Plate With Handle Note: TKO model number TKO OR BK 2.5LB.	9.15	
11 66 13 00-0037	EA	TKO 5 LB Rubber Olympic Plate With Handle Note: TKO model number TKO OR BK 5LB.	18.26	
11 66 13 00-0038	EA	TKO 10 LB Rubber Olympic Plate With Handle Note: TKO model number TKO OR BK 10LB.	36.54	
11 66 13 00-0039	EA	TKO 25 LB Rubber Olympic Plate With Handle Note: TKO model number TKO OR BK 25LB.	91.34	
11 66 13 00-0040	EA	TKO 35 LB Rubber Olympic Plate With Handle Note: TKO model number TKO OR BK 35LB.	127.88	
11 66 13 00-0041	EA	TKO 45 LB Rubber Olympic Plate With Handle Note: TKO model number TKO OR BK 45LB.	164.42	
11 66 13 00-0042	EA	Intek 2.5 LB Rubber Olympic Plate With Handle Note: Intek model number ITR-2.5.	5.88	
11 66 13 00-0043	EA	Intek 5 LB Rubber Olympic Plate With Handle Note: Intek model number ITR-5.	11.75	
11 66 13 00-0044	EA	Intek 10 LB Rubber Olympic Plate With Handle Note: Intek model number ITR-10.	23.48	
11 66 13 00-0045	EA	Intek 25 LB Rubber Olympic Plate With Handle Note: Intek model number ITR-25.	58.73	
11 66 13 00-0046	EA	Intek 35 LB Rubber Olympic Plate With Handle Note: Intek model number ITR-35.	82.23	
11 66 13 00-0047	EA	Intek 45 LB Rubber Olympic Plate With Handle Note: Intek model number ITR-45.	105.71	
11 66 13 00-0048	EA	Icarian Vertical Plate Tree Note: Precor Icarian model number PRE CW816.	900.38	
11 66 13 00-0049	EA	Life Fitness Deluxe Weight Tree Note: Life Fitness model number FWDWT.	858.63	
11 66 13 00-0050		**Dumbbells** *(11 66 13 00-0019)*		
11 66 13 00-0051	EA	TKO SDS Pro Rubber Dumbbell 7.5 LB, Pair Note: TKO model number TKO 827 RR 7.5LB.	182.68	
11 66 13 00-0052	EA	TKO SDS Pro Rubber Dumbbell 5-50 LB, Pairs Note: TKO model number TKO 827 RR 5-50LB.	2,414.07	
11 66 13 00-0053	EA	TKO SDS Pro Rubber Dumbbell 55-100 LB, Pairs Note: TKO model number TKO 827 RR 55-100LB.	3,849.45	
11 66 13 00-0054	EA	Intek Pro Rubber Dumbbell, 7.5 LB, Pair Note: Intek model number DBR-7.5.	119.03	
11 66 13 00-0055	EA	Intek Pro Rubber Dumbbell Set, 5-50 LB Note: Intek model number DBRSET-005-050.	2,003.24	
11 66 13 00-0056	EA	Intek Pro Rubber Dumbbell Set, 55-100 LB Note: Intek model number DBRSET-055-100.	3,689.72	
11 66 13 00-0057	EA	Icarian Dumbbell Rack, 10 Pair Note: Precor Icarian model number PRE CW812.	1,944.29	
11 66 13 00-0058	EA	Icarian Beautybell Rack, 10 Pair Note: Precor Icarian model number PRE CW813.	1,683.32	
11 66 13 00-0059	EA	Life Fitness Dumbbell Rack, Double Tier Note: Life Fitness model number FWDR2.	1,693.76	
11 66 13 00-0060		**Bars** *(11 66 13 00-0019)*		
11 66 13 00-0061	EA	Troy 7' Power Bar 1,500 LB Note: Troy model number TR AOB-1500B.	430.62	
11 66 13 00-0062	EA	Troy Olympic EZ Curl Bar Note: Troy model number TR GOZ-47.	156.59	
11 66 13 00-0063	EA	Intek Chrome Power Bar 1,500 LB Test Note: Intek model number OPB-CD.	305.36	
11 66 13 00-0064	EA	Intek Chrome EZ Curl Bar Note: Intek model number SOEZ-C.	280.29	
11 66 13 00-0065		**Weight Machines** *(11 66 13 00-0018)*		
11 66 13 00-0066		**Weight Machines** *(11 66 13 00-0065)*		
11 66 13 00-0067	EA	Icarian Crossover-Adjustable, Heavy Stack 200 LB Note: Precor Icarian model number PRE CW407BKS.	9,369.18	
11 66 13 00-0068	EA	Icarian Leg Extension With Painted Shroud Note: Precor Icarian model number PRE CW605KS.	8,207.82	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 66 13 00-0069	EA	Icarian Seated Leg Curl With Shroud, 250 LB Note: Precor Icarian model number PRE CW619KS.	8,207.82	
11 66 13 00-0070	EA	Icarian Leg Sled-Seated With Shroud, 400 LB Note: Precor Icarian model number PRE CW602BS.	15,332.57	
11 66 13 00-0071	EA	Icarian Vertical Press With Shroud, 250 LB Note: Precor Icarian model number PRE CW404KS.	8,703.68	
11 66 13 00-0072	EA	Icarian Incline Press With Painted Shroud, Heavy Stack Note: Precor Icarian model number PRE CW402S.	8,703.68	
11 66 13 00-0073	EA	Icarian Rear Delt/Pec Fly With Shroud, 250 LB Note: Precor Icarian model number PRE CW505KS.	8,808.07	
11 66 13 00-0074	EA	Icarian Pulldown With Painted Shroud Note: Precor Icarian model number PRE CW304S.	7,633.65	
11 66 13 00-0075	EA	Icarian Seated Row With Shroud, 250 LB Note: Precor Icarian model number PRE CW310KS.	8,507.94	
11 66 13 00-0076	EA	Icarian Shoulder Press With Shroud, 250 LB Note: Precor Icarian model number PRE CW500KS.	8,507.94	
11 66 13 00-0077	EA	Icarian Lateral Raise With Painted Shroud Note: Precor Icarian model number PRE CW504S.	8,507.94	
11 66 13 00-0078	EA	Icarian Camber Curl With Painted Shroud Note: Precor Icarian model number PRE CW204S.	7,894.63	
11 66 13 00-0079	EA	Icarian Seated Tricep Extension With Painted Shroud Note: Precor Icarian model number PRE CW208S.	8,155.63	
11 66 13 00-0080	EA	Icarian Abdominal Isolator With Painted Shroud Note: Precor Icarian model number PRE CW712S.	8,377.46	
11 66 13 00-0081	EA	Icarian Flite Bench Note: Precor model number PRE CWFLT 540.	4,254.51	
11 66 13 00-0082	EA	Icarian Flite Shoulder Press Note: Precor model number PRE CWFLT 550.	4,254.51	
11 66 13 00-0083	EA	Icarian Flite Row Note: Precor model number PRE CWFLT 531.	4,728.55	
11 66 13 00-0084	EA	Icarian Flite Incline Bench Note: Precor model number PRE CWFLT 541.	4,254.51	
11 66 13 00-0085	EA	Icarian Plate Load Angle Leg With Weight Holders Note: Precor model number PRE CW 601.	7,679.45	
11 66 13 00-0086	EA	Life Fitness CM Adjustable Cable Note: Life Fitness model number CMACO.	10,175.61	
11 66 13 00-0087	EA	Life Fitness Pro 2 Series Biceps Curl Note: Life Fitness model number PSBCSE.	7,565.80	
11 66 13 00-0088	EA	Life Fitness Pro 2 Series Pectoral Fly/Rear Deltoid Note: Life Fitness model number PSFLYSE.	8,087.77	
11 66 13 00-0089	EA	Life Fitness Pro 2 Series Leg Extension Note: Life Fitness model number PSLESE.	8,870.70	
11 66 13 00-0090	EA	Life Fitness Pro 2 Series Lateral Raise Note: Life Fitness model number PSLRSE.	8,087.77	
11 66 13 00-0091	EA	Life Fitness Pro 2 Series Lat Pulldown Note: Life Fitness model number PSPDSE.	6,782.87	
11 66 13 00-0092	EA	Life Fitness Pro 2 Series Seated Row Note: Life Fitness model number PSRWSE.	8,087.77	
11 66 13 00-0093	EA	Life Fitness Pro 2 Series Seated Leg Curl Note: Life Fitness model number PSSLCSE.	9,131.69	
11 66 13 00-0094	EA	Life Fitness Pro 2 Series Seated Leg Press Note: Life Fitness model number PSSLPSE.	13,046.38	
11 66 13 00-0095	EA	Life Fitness Pro 2 Series Shoulder Press Note: Life Fitness model number PSSPSE.	7,826.79	
11 66 13 00-0096	EA	Life Fitness Pro 2 Series Triceps Extension Note: Life Fitness model number PSTESE.	7,565.80	
11 66 13 00-0097	EA	Life Fitness MTS Abdominal Crunch Note: Life Fitness model number MTSAB.	9,131.69	
11 66 13 00-0098	EA	Life Fitness MTS Chest Press Note: Life Fitness model number MTSCP.	9,392.66	
11 66 13 00-0099	EA	Life Fitness MTS Incline Press Note: Life Fitness model number MTSIP.	9,392.66	
11 66 13 00-0100		Weight Machine Attachments *(11 66 13 00-0065)*		
11 66 13 00-0101	EA	Troy Tricep Rope With Solid Rubber Ends, Black Note: Troy model number TR ATR-36.	109.61	
11 66 13 00-0102	EA	Troy 20" Multi-Purposed Straight Bar Note: Troy model number TR TSB-20S.	96.57	
11 66 13 00-0103	EA	Intek Tricep Rope Rubber Ends Note: Intek model number H831R.	34.47	
11 66 13 00-0104	EA	Intek Straight Curl Bar Attachment 20" Note: Intek model number H790A20.	29.75	
11 66 13 00-0105		Cardio Equipment *(11 66 13 00-0018)*		
11 66 13 00-0106		Cycles *(11 66 13 00-0105)*		
11 66 13 00-0107	EA	Precor C956 Experience Series, 16mph Note: Precor model number PRE C956I EXP.	14,340.85	
11 66 13 00-0108	EA	Precor 556 Experience Series Note: Precor model number PRE 556I EXP.	10,948.11	
11 66 13 00-0109	EA	Precor 846 Upright Experience Series Note: Precor model number PRE 846U EXP.	5,728.51	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 66 13 00-0110	EA	Precor 846i Recumbent Experience Series Note: Precor model number PRE 846R EXP.	6,250.46	
11 66 13 00-0111	EA	Life Fitness 95Ci Exercise Bike Note: Life Fitness model number 95Ci-02 DOM.	5,216.98	
11 66 13 00-0112	EA	Life Fitness 95Ri Recumbent Exercise Bike Note: Life Fitness model number 95Ri-02 DOM.	5,477.96	
11 66 13 00-0113		**Treadmills** *(11 66 13 00-0105)*		
11 66 13 00-0114	EA	Life Fitness 97Ti Treadmill Note: Life Fitness model number 97T-07 120V.	16,700.10	
11 66 13 00-0115		**Elliptical Cross-Trainers** *(11 66 13 00-0105)*		
11 66 13 00-0116	EA	Life Fitness 95Xi Elliptical Cross-Trainer Note: Life Fitness model number 95X-03 DOM.	9,131.69	
11 66 13 00-0117		**Weight Room Mats** *(11 66 13 00-0018)*		
11 66 13 00-0118	EA	2" Thick Standard Folding Mat, 4' x 8'	638.44	
11 66 13 00-0119	EA	2" Thick Standard Folding Mat, 5' x 10'	685.85	
11 66 13 00-0120	EA	2" Thick Standard Folding Mat, 6' x 12'	1,190.71	
11 66 13 00-0121	EA	1-3/8" Thick Standard Folding Mat, 4' x 8'	638.45	
11 66 13 00-0122	EA	1-3/8" Thick Standard Folding Mat, 5' x 10'	818.58	
11 66 13 00-0123	EA	1-3/8" Thick Standard Folding Mat, 6' x 12'	1,190.71	
11 66 13 00-0124	EA	72" x 24" x 2" Wall Pad Note: Manufactured using 7/16" wood backing, 18oz vinyl and have a 1" lip at top and bottom for attachment to wall.	210.49	
11 66 13 00-0125	EA	Wall Pad Aluminum Channeling, 6' Length Note: Includes top and bottom channel. Each channel is 6' in length and can hold 3 wall pads.	159.50	
11 66 13 00-0126	EA	6' L x 2' W Matt Truck, Tubular Steel Frame Covered Note: With density fiberboard.	709.55	
11 66 13 00-0127	EA	8'-8" L x 4' W Matt Truck, 2" Galvanized Steel Tubing Note: With non-marring wheels.	738.00	
11 66 13 00-0128	EA	39.38" x 78.75" Grappling Mats, High Density Polyurethane Foam Note: Fully sealed corners and rubber waffle anti-slip bottom.	381.00	
11 66 13 00-0129		**Wall Mounted Equipment** *(11 66 13)*		
11 66 13 00-0130	SET	Parallel Bars, Wall Mounted	5,272.58	676.83
11 66 23		**Gymnasium Equipment** *(11 66)*		
11 66 23 13		**Basketball Equipment** *(11 66 23)*		
11 66 23 13-0001		**Basketball Equipment** *(11 66 23 13)*		
11 66 23 13-0002	EA	Power Flex Goal, Fits Goal Mount Centers 5" x 4" To 5" x 4-1/2" Note: Porter athletic model # 00223-000.	720.44	58.92
11 66 23 13-0003	EA	Accu-Flex Goal, Fits Goal Mount Centers 5" x 4" To 5" x 4-1/2" Note: Porter athletic model # 00253-500.	936.57	76.59
11 66 23 13-0004	EA	Pro Pad Bolt-On Backboard Safety Padding, Any Color Note: Porter athletic model # 00326.	648.39	53.02
11 66 23 13-0005		**CPS Gym Equipment** *(11 66 23 13)* Note: Floor to underside if joist at 23' with 6' spacing between beams.		
11 66 23 13-0006	EA	Ceiling Mounted Basketball Backstop Note: Forward folding-forward braced backstop, 42" x 72" glass backboard, break-away rim with net, bolt-on backboard padding, and auto-loc safety strap.	4,750.00	
11 66 23 13-0007	EA	Fixed Wall Mounted Basketball Backstop Note: 42" x 72" glass backboard, 7'-0" extension, break-away reim with net and bolt-on backboard padding.	2,850.00	
11 66 23 13-0008	EA	Replacement Backboard On Existing Structure Note: 42" x 72" glass backboard, 7'-0" extension, break-away reim with net, bolt-on backboard padding and conversion kit.	1,835.00	
11 66 23 13-0009	EA	Electric Motor And Key Switch Operator	858.00	
11 66 23 13-0010	EA	Manual Winch Operator	654.00	
11 66 23 13-0011	EA	Touch Pad Controller For Operator	2,550.00	
11 66 23 13-0012	EA	Pair Of Floor Sleeves For Volleyball	708.00	
11 66 23 13-0013	EA	Net, 2 Posts And Antenna For Volleyball	1,649.00	
11 66 23 13-0014	EA	Judge Stand For Volleyball	613.00	
11 66 23 13-0015	EA	Padding For Posts For Volleyball	536.00	
11 66 23 13-0016	EA	Padding For Judge Stand For Volleyball	413.00	
11 66 23 13-0017	EA	Transportation Cart For Volleyball	709.00	
11 66 23 13-0018	LF	Top Roll Divider Curtain	188.00	
11 66 23 13-0019	LF	Fold-Up Divider Curtain	153.00	
11 66 23 13-0020	EA	2' x 5' x 2" Class A Fire Rated Wall Padding	160.00	
11 66 23 13-0021	EA	2' x 6' x 2" Class A Fire Rated Wall Padding	182.00	
11 66 23 13-0022	EA	2' x 7' x 2" Class A Fire Rated Wall Padding	204.00	
11 66 23 23		**Volleyball Equipment** *(11 66 23)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 66 23 23-0001	EA	Power Trak Aluminum Upright, 1 Pair (Porter Athletic 01951-000) Note: Excludes pads.	2,953.80	228.93
11 66 23 23-0002	EA	Power Trak Aluminum Upright, 1 Pair (Porter Athletic 01951-903) Note: Includes economy red pads.	3,703.06	287.00
11 66 23 23-0003	EA	Power Trak Aluminum Center Upright (Porter Athletic 01952-000) Note: Excludes pads.	1,801.09	139.59
11 66 23 23-0004	EA	Power Trak Aluminum Center Upright (Porter Athletic 01952-903) Note: Includes red pads.	2,233.36	182.64
11 66 23 23-0005	EA	Economy End Upright Padding, Each, Wrap Around Pads Only Note: Porter Athletic model # 717-003.	864.53	70.70
11 66 23 23-0006	EA	Net Tension Cover Pads, 1 Pair Note: Porter Athletic model # 00816-003.	194.52	15.91
11 66 23 23-0007	EA	32' L x 39" H Power Volleyball Net Note: Porter Athletic model # 02255-000.	637.58	52.14
11 66 23 23-0008	EA	Steel Economy Volleyball Uprights, 1 Pair (Porter Athletic 00851-000) Note: Excludes pads.	2,305.41	188.53
11 66 23 23-0009	EA	Steel Economy Volleyball Uprights, 1 Pair (Porter Athletic 00851-903) Note: Includes red pads.	3,040.25	248.62
11 66 23 23-0010	EA	Steel Economy Volleyball Upright (Porter Athletic 00852-000) Note: Excludes pads.	1,505.72	123.13
11 66 23 23-0011	EA	Steel Economy Volleyball Upright (Porter Athletic 00852-903) Note: Includes red pad.	1,930.78	157.89

11 66 23 53 Wall Padding *(11 66 23)*

11 66 23 53-0001 Gymnasium Wall Padding *(11 66 23 53)*

Note: Includes wall padding, 7/16" thick oriented strand board backing with or without nailing strip, vinyl cover and mounting screws. Excludes removable wall attachment fittings. See CSI section 11 66 23 53-0008 for wall attachment fittings.

11 66 23 53-0002	SF	2" Thick, Non-Fire Rated, ASTM F2440-04 Impact Rating, Gymnasium Wall Padding (Porter DuraSafe) Note: Includes cutting and re-upholstering wall pads to accommodate existing, e.g., lights, outlets, switches, grilles, fire alarm, etc.	16.60	1.96
		For Furring Strip Installation (Vinyl Wrapped At Ends), Add	*6.00*	
11 66 23 53-0003	SF	3" Thick, Non-Fire Rated, ASTM F2440-04 Impact Rating, Gymnasium Wall Padding (Porter DuraSafe) Note: Includes cutting and re-upholstering wall pads to accommodate existing, e.g., lights, outlets, switches, grilles, fire alarm, etc.	22.30	2.16
		For Furring Strip Installation (Vinyl Wrapped At Ends), Add	*6.00*	
11 66 23 53-0004	SF	2" Thick, NFPA 286 Fire Rated, Gymnasium Wall Padding (Porter FireSafe)	25.88	1.96
		For Furring Strip Installation (Vinyl Wrapped At Ends), Add	*6.00*	
11 66 23 53-0005	SF	3" Thick, NFPA 286 Fire Rated, Gymnasium Wall Padding (Porter FireSafe)	40.59	2.16
		For Furring Strip Installation (Vinyl Wrapped At Ends), Add	*6.00*	
11 66 23 53-0006	SF	2" Thick, NFPA 286 Fire Rated, ASTM F2440-04 Impact Rating, Gymnasium Wall Padding (Porter SuperSafe)	33.10	1.96
		For Furring Strip Installation (Vinyl Wrapped At Ends), Add	*6.00*	
11 66 23 53-0007	SF	3" Thick, NFPA 286 Fire Rated, ASTM F2440-04 Impact Rating, Gymnasium Wall Padding (Porter SuperSafe)	49.22	2.16
		For Furring Strip Installation (Vinyl Wrapped At Ends), Add	*6.00*	

11 66 23 53-0008 Gymnasium Wall Padding Accessories *(11 66 23 53)*

11 66 23 53-0009	LF	"Z" Wall/Panel Attachment Clips For Wall Pads Note: Extruded aluminum. Typically requires two clips mounted to wall and two clips mounted to panel for a 6' high wall pad.	10.46	2.86
11 66 23 53-0010	LF	Molding Channel Wall Attachment For Wall Pads Note: Extruded aluminum. Accepts 1" lip of wall pad at bottom of pad. Can be used with "Z" clip to secure top of pad.	15.92	2.86
11 66 23 53-0011	LF	Floor Molding Channel Wall Attachment For Wall Pads Note: Extruded aluminum. Accepts 1" lip of wall pad at bottom of pad. Provides contoured molding strip from panel to the floor.	16.61	2.86
11 66 23 53-0012	EA	Single Or Double Gang Molded Inserts For Electrical Outlets For Wall Pads	53.79	

11 66 23 63 Boxing Equipment *(11 66 23)*

11 66 23 63-0001 Boxing *(11 66 23 63)*

11 66 23 63-0002	EA	Body Opponent Free Standing Heavybag	758.67	
11 66 23 63-0003	EA	200 LB Power Punching Heavybag Note: Ring Side model number LLHB 200S.	829.77	
11 66 23 63-0004	EA	Cleto Reyes Speed Bag Note: Ring Side model number RESSB.	236.11	
11 66 23 63-0005	EA	Heavy Duty Adjustable Speed Bag Platform Note: Durable 11 gauge steel and oversized square tubing with 2" thick melamine board, Includes Super Swivel (PS-3). Excludes Speed Bag. Ring Side model number SBPLAT 2.	1,088.15	

11 66 43 Interior Scoreboards *(11 66)*

11 66 43 00-0001 Scoreboards *(11 66 43)*

11 66 43 00-0002	EA	8' x 3' x 8", Multi-Sport LED Scoreboard With Wired Controls (Nevco Model 2700) Note: For basketball, volleyball or wrestling. Includes horn and controls. Excludes wire to controls.	5,368.00	348.31
		For Scoreboard Only, No Controls, Deduct	*-321.00*	
		For Control Carrying Case, Add	*59.00*	
		For Wireless Controls, Add	*923.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 66 43 00-0003	EA	8' x 6' x 8", Multi-Sport LED Scoreboard With Wired Controls (Nevco Model 2750)	7,834.28	580.51
		Note: For basketball, volleyball or wrestling. Includes horn and controls. Excludes wire to controls.		
		For Scoreboard Only, No Controls, Deduct	*-321.00*	
		For Control Carrying Case, Add	*59.00*	
		For Wireless Controls, Add	*923.13*	
11 66 43 00-0004	EA	12' x 8' x 8", Multi-Sport LED Scoreboard With Wired Controls (Nevco Model 2760)	12,292.43	696.61
		Note: For basketball, volleyball or wrestling. Includes horn and controls. Excludes wire to controls.		
		For Scoreboard Only, No Controls, Deduct	*-321.00*	
		For Control Carrying Case, Add	*59.00*	
		For Wireless Controls, Add	*923.13*	

11 68 Play Field Equipment and Structures *(11 60)*

11 68 13 Playground Equipment *(11 68)*

See CSI section 32 31 13 13-0001 for augering holes and fill for posts.

11 68 13 00-0001 Standalone Playground Equipment *(11 68 13)*

11 68 13 00-0002 Ground Socket For Movable Posts *(11 68 13 00-0001)*

11 68 13 00-0003	PR	Ground Socket For 2-3/8" Post For Playground Equipment	334.83	71.68
11 68 13 00-0004	PR	Ground Socket For 3-1/2" Post For Playground Equipment	511.75	71.68

11 68 13 00-0005 See-Saws *(11 68 13 00-0001)*

11 68 13 00-0006 Steel See-Saw *(11 68 13 00-0005)*

11 68 13 00-0007	EA	2 Unit Steel See-Saw	2,810.91	441.14
11 68 13 00-0008	EA	4 Unit Steel See-Saw	4,541.12	521.31
11 68 13 00-0009	EA	6 Unit Steel See-Saw	6,291.27	637.17

11 68 13 00-0010 14' Long Laminated Beam *(11 68 13 00-0005)*

11 68 13 00-0011	EA	Beam Is Supported By Two 12 In x 12 In Stepping Column Posts	2,978.61	390.06
11 68 13 00-0012	EA	Beam Is Supported By Two 8 In x 8 In Posts	2,067.71	347.47

11 68 13 00-0013 Slides *(11 68 13 00-0001)*

11 68 13 00-0014	EA	8' Long x 4' High Slide With Stainless Steel Bed	3,364.02	504.42
11 68 13 00-0015	EA	12' Long x 6' High Slide With Stainless Steel Bed	4,715.01	716.82
11 68 13 00-0016	EA	16' Long x 8' High Slide With Stainless Steel Bed	5,222.27	796.46
11 68 13 00-0017	EA	20' Long x 10' High Slide With Stainless Steel Bed	6,546.97	882.27
11 68 13 00-0018	EA	6' High, 360 Degree One Piece Molded Polyethylene Slide	23,242.89	1,387.86
11 68 13 00-0019	EA	7' High, 360 Degree Slide, Stainless Steel Bed	20,313.43	1,431.73
11 68 13 00-0020	EA	9' High, 360 Degree Slide, Stainless Steel Bed	25,545.83	1,504.78

11 68 13 00-0021 Whirlers *(11 68 13 00-0001)*

11 68 13 00-0022	EA	8' Diameter Whirler	7,552.18	955.76
11 68 13 00-0023	EA	10' Diameter Whirler	8,772.65	1,146.91

11 68 13 00-0024 Other Standalone Playground Equipment *(11 68 13 00-0001)*

11 68 13 00-0025 Miscellaneous Standalone Playground Equipment *(11 68 13 00-0024)*

11 68 13 00-0026	EA	Horizontal Ladder	2,401.75	255.35
11 68 13 00-0027	EA	Tether Ball Post	408.62	49.91
11 68 13 00-0028	PR	10'-6" Long Multiple Purpose Post	624.47	88.25
11 68 13 00-0029	EA	3-Person Fiberglass Golf Tee Shelter Turntable	10,178.58	249.34
11 68 13 00-0030	EA	Horizontal Turning Bars, 1 Bar	768.25	133.24
11 68 13 00-0031	EA	Horizontal Turning Bars, 2 Bars	1,037.70	159.26
11 68 13 00-0032	EA	Horizontal Turning Bars, 3 Bars	1,399.06	212.34
11 68 13 00-0033	EA	Horizontal Turning Bars, 5 Bars	2,045.47	291.98
11 68 13 00-0034	EA	Top Goal Opening With 4 Exit Holes (One Each Side) And 8' Pole	2,138.71	121.57
11 68 13 00-0035	EA	Top Goal Opening With 4 Exit Holes (One Each Side) And 10' Pole	2,354.65	131.23
11 68 13 00-0036	EA	Coil Spring With Single Riding Aluminum Saddle Devices	2,304.19	140.68
11 68 13 00-0037	EA	"C" Spring With Single Riding Aluminum Saddle Devices	2,311.35	121.03
11 68 13 00-0038	EA	Rubber Spring With Single Riding Aluminum Saddle Devices	2,846.60	158.52
11 68 13 00-0039	EA	Coil Spring Assembly Only	586.72	58.29
11 68 13 00-0040	EA	"C" Spring Assembly Only	389.86	38.86
11 68 13 00-0041	EA	Rubber Spring Assembly Only	277.00	75.81
11 68 13 00-0042	EA	Footbuck Assembly Only	101.33	10.19
11 68 13 00-0043	EA	Two Seat, Two Spring Action Cars (4'-8" x 2'-8")	2,618.81	145.78

11 68 13 00-0044 Freestanding Panels *(11 68 13 00-0024)*

Note: Rotomolded polyethylene.

11 68 13 00-0045	EA	Tic-Tac-Toe Panel	1,115.13	62.43
11 68 13 00-0046	EA	24" Bubble Panel	1,670.53	93.54
11 68 13 00-0047	EA	Fire Engine Panel	2,451.55	137.28
11 68 13 00-0048	EA	Flat Mirror Panel	1,961.25	109.89
11 68 13 00-0049	EA	Wavy Mirror Panel	2,902.80	162.66

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 13 00-0050	EA	Paint Time Panel	1,883.13	105.54
11 68 13 00-0051	EA	Phone Time Panel	1,336.42	74.85
11 68 13 00-0052	EA	Phone Time With Graphic Panel	1,336.42	74.85
11 68 13 00-0053	EA	Race Time Panel	2,343.07	131.23
11 68 13 00-0054	EA	Rescue 911 Panel	2,377.75	131.23
11 68 13 00-0055	EA	Eastern/Central/Western States Panel	1,280.01	71.67
11 68 13 00-0056	EA	Career People Panel	1,453.56	81.44
11 68 13 00-0057	EA	Solar System Panel	1,453.56	81.44
11 68 13 00-0058	EA	Animals Panel	1,453.56	81.44
11 68 13 00-0059		**Freestanding Panels Uprights** *(11 68 13 00-0024)*		
11 68 13 00-0060	EA	3-1/2" Outside Diameter End Panel Upright	347.39	35.04
11 68 13 00-0061	EA	3-1/2" Outside Diameter 90 Degree Upright	376.36	37.90
11 68 13 00-0062	EA	3-1/2" Outside Diameter 180 Degree Upright	376.36	37.90
11 68 13 00-0063	EA	3-1/2" Outside Diameter "T-Shaped" Upright	400.48	40.34
11 68 13 00-0064		**Coasters** *(11 68 13 00-0024)*		
11 68 13 00-0065	EA	12' Single Metal Coaster With Four Posts	8,621.05	424.70
11 68 13 00-0066	EA	18' Single Metal Coaster With Four Posts	9,645.37	530.87
11 68 13 00-0067	EA	12' Double Metal Coaster With Four Posts	13,940.88	637.04
11 68 13 00-0068	EA	18' Double Metal Coaster With Four Posts	15,860.46	796.30
11 68 13 00-0069		**Climbers** *(11 68 13 00-0024)*		
11 68 13 00-0070	EA	Tower Climber, 3.17' Diameter x 7.25' High	1,598.81	283.70
11 68 13 00-0071	EA	Arch Climber, 2' x 12' x 4.5' High	1,458.95	347.40
11 68 13 00-0072	EA	Arch Climber, 2' x 15' x 5.83' High	1,582.58	283.70
11 68 13 00-0073	EA	Arch Climber, 2' x 17' x 6.58' High	1,699.66	347.40
11 68 13 00-0074	EA	Rainbow Climber, 2' x 10'-5" x 4' High	1,819.13	283.38
11 68 13 00-0075	EA	Rainbow Climber, 2' x 10'-5" x 5' High	2,035.85	283.49
11 68 13 00-0076	EA	Rainbow Climber, 2' x 12'-5" x 6' High	2,367.89	283.49
11 68 13 00-0077	EA	Rainbow Climber, 2' x 15'-4" x 7' High	2,584.97	283.38
11 68 13 00-0078	EA	Double Level Arch Climber, 6' Wide x 12'-6" x 6' High Upper Section / 5' High Lower Section	3,118.03	331.79
11 68 13 00-0079	EA	12' Long Horizontal Ladder Climber	2,537.08	247.75
11 68 13 00-0080	EA	14' Long Horizontal Ladder Climber	2,573.61	247.75
11 68 13 00-0081	EA	16' Long Horizontal Ladder Climber	2,815.47	247.75
11 68 13 00-0082	EA	Bell Climber, 7'-5" High With Double Bars	2,655.31	318.52
11 68 13 00-0083	EA	2-Way Climber	2,229.48	255.35
11 68 13 00-0084	EA	4-Way Climber	3,542.40	255.35
11 68 13 00-0085		**Swings** *(11 68 13 00-0001)*		
11 68 13 00-0086		**Two-Leg-End Swings, 2-3/8" Diameter Galvanized Steel Top Rail** *(11 68 13 00-0085)* Note: Legs, 1-7/8" diameter, traditional.		
11 68 13 00-0087	EA	8' High Top Rail, One Section Two Seats	2,100.16	390.06
		For Extra Heavy Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add	*243.94*	
		For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add	*274.61*	
11 68 13 00-0088	EA	8' High Top Rail, Two Sections Four Seats	3,350.46	558.16
		For Extra Heavy Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add	*390.93*	
		For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add	*446.94*	
11 68 13 00-0089	EA	8' High Top Rail, Three Sections, Six Seats	4,636.41	821.32
		For Extra Heavy Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add	*540.43*	
		For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add	*615.75*	
11 68 13 00-0090	EA	8' High Top Rail, Four Sections, Eight Seats	5,809.38	955.76
		For Extra Heavy Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add	*678.37*	
		For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add	*777.65*	
11 68 13 00-0091	EA	10' High Top Rail, One Section Two Seats	2,240.06	390.06
		For Extra Heavy Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add	*261.42*	
		For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add	*299.09*	
11 68 13 00-0092	EA	10' High Top Rail, Two Section Four Seats	3,502.25	594.48
		For Extra Heavy Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add	*407.25*	
		For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add	*460.21*	
11 68 13 00-0093	EA	10' High Top Rail, Three Sections, Six Seats	4,837.06	923.15
		For Extra Heavy Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add	*560.66*	
		For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add	*626.61*	
11 68 13 00-0094	EA	10' High Top Rail, Four Sections, Eight Seats	6,406.81	1,115.05
		For Extra Heavy Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add	*745.08*	
		For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add	*842.32*	
11 68 13 00-0095		**Three-Leg-End Swings, 2-3/8" Diameter Galvanized Steel Top Rail** *(11 68 13 00-0085)* Note: Legs, 1-7/8" diameter, traditional.		
11 68 13 00-0096	EA	8' High Top Rail, One Section, Two Seats	2,403.61	344.50
		For Extra Heavy Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add	*283.22*	
		For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add	*334.50*	
11 68 13 00-0097	EA	8' High Top Rail, Two Sections, Four Seats	3,488.65	499.86
		For Extra Heavy Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add	*411.09*	
		For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add	*485.55*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 13 00-0098	EA	8' High Top Rail, Three Sections, Six Seats	4,654.33	668.50
		For Extra Heavy Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add	*548.37*	
		For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add	*647.38*	
11 68 13 00-0099	EA	8' High Top Rail, Four Sections, Eight Seats	5,815.37	796.46
		For Extra Heavy Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add	*687.09*	
		For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add	*818.55*	
11 68 13 00-0100	EA	10' High Top Rail, One Section, Two Seats	2,710.59	388.25
		For Extra Heavy Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add	*319.41*	
		For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add	*377.30*	
11 68 13 00-0101	EA	10' High Top Rail, One Section Three Seats	2,831.04	411.72
		For Extra Heavy Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add	*334.27*	
		For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add	*397.37*	
11 68 13 00-0102	EA	10' High Top Rail, Two Sections, Four Seats	3,784.13	543.51
		For Extra Heavy Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add	*445.84*	
		For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add	*526.33*	
11 68 13 00-0103	EA	10' High Top Rail, Two Sections, Six Seats	4,551.82	626.55
		For Extra Heavy Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add	*539.13*	
		For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add	*647.32*	
11 68 13 00-0104	EA	10' High Top Rail, Three Section, Six Seats	5,037.13	723.09
		For Extra Heavy Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add	*593.49*	
		For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add	*700.72*	
11 68 13 00-0105	EA	10' High Top Rail, Three Sections, Nine Seats	6,271.95	796.78
		For Extra Heavy Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add	*744.17*	
		For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add	*898.45*	
11 68 13 00-0106	EA	10' High Top Rail, Four Section, Eight Seats	6,389.36	955.76
		For Extra Heavy Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add	*750.87*	
		For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add	*879.14*	
11 68 13 00-0107	EA	12' High Top Rail, One Section Three Seats	2,960.87	421.70
		For Extra Heavy Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add	*350.02*	
		For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add	*417.70*	
11 68 13 00-0108	EA	12' High Top Rail, Two Sections, Six Seats	4,816.57	678.48
		For Extra Heavy Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add	*569.75*	
		For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add	*681.30*	
11 68 13 00-0109	EA	12' High Top Rail, Three Sections, Nine Seats	7,017.41	1,086.69
		For Extra Heavy Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add	*824.08*	
		For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add	*962.56*	

11 68 13 00-0110 Swing Accessories *(11 68 13 00-0085)*

11 68 13 00-0111	EA	Enclosed Tot Seat With Chain And Hardware	703.72	32.02
11 68 13 00-0112	EA	Bucket Seat With Chain And Hardware	585.03	26.63
11 68 13 00-0113	EA	Belt Seat With Chain And Hardware	623.17	28.43
11 68 13 00-0114	EA	Seat With Chain And Hardware	614.70	28.01
11 68 13 00-0115	EA	Wide Seat With Chain And Hardware	648.85	29.59
11 68 13 00-0116	EA	Handi Seat With Chain And Hardware	1,937.35	88.26
11 68 13 00-0117	LF	0.4 LB/LF Replacement Chain	8.09	0.63
11 68 13 00-0118	LF	1 LB/LF Replacement Chain	15.03	1.26
11 68 13 00-0119	EA	Swing Hanger Replacement	87.89	7.29

11 68 13 00-0120 Modular Playground Stations *(11 68 13)*

Note: Complete as described.

11 68 13 00-0121 "Pipeline" Or Equal *(11 68 13 00-0120)*

11 68 13 00-0122	EA	Pipeline 9604 With Roofs	24,382.57	1,334.18
11 68 13 00-0123	EA	Pipeline 9608 With Roofs	56,657.45	3,099.84
11 68 13 00-0124	EA	Pipeline 9613 With Roofs	69,349.30	3,796.76
11 68 13 00-0125	EA	Pipeline 9615 With Roofs	36,573.87	2,001.27
11 68 13 00-0126	EA	Pipeline 9616 With Roofs	35,531.81	1,944.15
11 68 13 00-0127	EA	Pipeline 9617 With Roofs	54,081.31	2,960.12
11 68 13 00-0128	EA	Pipeline 9618 With Roofs	39,959.89	2,186.33
11 68 13 00-0129	EA	Pipeline 9620 With Roofs	64,788.30	3,546.19
11 68 13 00-0130	EA	Pipeline 9621 With Roofs	46,444.32	2,540.20
11 68 13 00-0131	EA	Pipeline 9623 With Roofs	54,890.79	3,005.24
11 68 13 00-0132	EA	Pipeline 9626 With Roofs	51,918.61	2,841.52
11 68 13 00-0133	EA	Pipeline 9629 With Roofs	60,869.33	3,326.63
11 68 13 00-0134	EA	Pipeline 9631 With Roofs	75,976.38	4,152.44
11 68 13 00-0135	EA	Pipeline 9636 With Roofs	51,446.90	2,814.44
11 68 13 00-0136	EA	Pipeline 9639 With Roofs	128,791.26	7,036.11
11 68 13 00-0137	EA	Pipeline 9641 With Roofs	115,275.48	6,309.99
11 68 13 00-0138	EA	Pipeline 9645 With Roofs	63,489.28	3,476.65
11 68 13 00-0139	EA	Pipeline 9651 With Roofs	46,029.84	2,518.64
11 68 13 00-0140	EA	Pipeline 9653 With Roofs	54,217.14	2,969.99
11 68 13 00-0141	EA	Pipeline 9656 With Roofs	78,118.85	4,272.53
11 68 13 00-0142	EA	Pipeline 9658 With Roofs	48,714.75	2,666.34
11 68 13 00-0143	EA	Pipeline 9659 With Roofs	30,844.95	1,688.69
11 68 13 00-0144	EA	Pipeline 9661 With Roofs	35,531.81	1,944.15
11 68 13 00-0145	EA	Pipeline 9662 With Roofs	33,555.12	1,837.44
11 68 13 00-0146	EA	Pipeline 9664 With Roofs	127,682.89	6,980.69
11 68 13 00-0147	EA	Pipeline 9665 With Roofs	74,046.42	4,057.42
11 68 13 00-0148	EA	Pipeline 9667 With Roofs	65,700.97	3,596.52
11 68 13 00-0149	EA	Pipeline 9671 With Roofs	93,603.12	5,124.57
11 68 13 00-0150	EA	Pipeline 9675 With Roofs, Phase 1	56,036.34	3,067.67

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 13 00-0151	EA	Pipeline 9675 With Roofs, Phase 2	23,813.30	1,304.65
11 68 13 00-0152	EA	Pipeline 9675 With Roofs, Phase 3	76,996.36	4,221.67
11 68 13 00-0153	EA	Pipeline 9679 With Roofs	64,305.22	3,525.07
11 68 13 00-0154	EA	Pipeline 9681 With Roofs	92,726.25	5,080.50
11 68 13 00-0155	EA	Pipeline 9683 With Roofs	53,228.11	2,916.27
11 68 13 00-0156	EA	Pipeline 9686 With Roofs	71,103.90	3,896.88
11 68 13 00-0157	EA	Pipeline 9690 With Roofs	63,618.94	3,483.45
11 68 13 00-0158	EA	Pipeline 9693 With Roofs	39,212.92	2,149.16
11 68 13 00-0159	EA	Pipeline 9696 With Roofs	53,079.34	2,911.49
11 68 13 00-0160	EA	Pipeline 9698 With Roofs	91,775.95	5,022.96
11 68 13 00-0161		"Miracle" Or Equal *(11 68 13 00-0120)*		
11 68 13 00-0162	EA	Miracle 714-029	153,616.18	11,042.04
11 68 13 00-0163	EA	Miracle 714-030	61,900.00	4,448.66
11 68 13 00-0164	EA	Miracle 714-031	79,617.36	5,722.75
11 68 13 00-0165	EA	Miracle 714-055	242,454.69	17,380.60
11 68 13 00-0166	EA	Miracle 714-059	112,028.24	8,037.33
11 68 13 00-0167	EA	Miracle 714-038	12,943.99	927.96
11 68 13 00-0168	EA	Miracle 714-053	88,266.44	6,327.94
11 68 13 00-0169	EA	Miracle 714-050	62,431.75	4,480.52
11 68 13 00-0170	EA	Miracle 714-056	219,668.92	15,734.90
11 68 13 00-0171	EA	Miracle 714-020	95,695.14	6,858.81
11 68 13 00-0172	EA	Miracle 714-035	78,049.18	5,584.72
11 68 13 00-0173	EA	Miracle 714-021	105,598.62	7,559.55
11 68 13 00-0174	EA	Miracle 714-034	117,917.47	8,440.79
11 68 13 00-0175	EA	Miracle 714-025	42,155.07	3,015.32
11 68 13 00-0176	EA	Miracle 714-027	54,533.05	3,907.19
11 68 13 00-0177	EA	Miracle 714-057	55,398.03	3,970.89
11 68 13 00-0178	EA	Miracle 714-061	63,953.87	4,586.69
11 68 13 00-0179	EA	Miracle 714-003	73,747.21	5,287.43
11 68 13 00-0180	EA	Miracle 714-002-1	77,131.94	5,531.64
11 68 13 00-0181	EA	Miracle 714-018	61,749.76	4,427.43
11 68 13 00-0182	EA	Miracle 714-019	39,471.16	2,824.21
11 68 13 00-0183	EA	Miracle 714-023	29,627.26	2,123.47
11 68 13 00-0184	EA	Miracle 714-010	67,697.95	4,852.13
11 68 13 00-0185	EA	Miracle 718-008	27,876.98	1,996.06
11 68 13 00-0186	EA	Miracle 718-002	41,400.99	2,972.85
11 68 13 00-0187	EA	Miracle 718-010	26,805.24	1,921.74
11 68 13 00-0188	EA	Miracle 718-005	37,860.29	2,723.35
11 68 13 00-0189	EA	Miracle 718-854	3,283.27	233.58
11 68 13 00-0190	EA	Miracle 1314-2	2,149.54	153.95
11 68 13 00-0191	EA	Miracle 718-009	11,568.52	829.21
11 68 13 00-0192	EA	Miracle 718-014	35,751.14	2,558.78
11 68 13 00-0193	EA	Miracle 718-012	20,653.23	1,475.81
11 68 13 00-0194	EA	Miracle 718-001	33,056.65	2,367.66
11 68 13 00-0195	EA	Miracle 718-011	19,041.50	1,359.02
11 68 13 00-0196	EA	Miracle 162-422	204,440.93	14,609.47
11 68 13 00-0197	EA	Miracle 162-440	86,483.27	6,189.91
11 68 13 00-0198	EA	Miracle 162-438	171,162.76	12,252.41
11 68 13 00-0199	EA	Miracle 162-435-1	35,351.61	2,526.93
11 68 13 00-0200	EA	Miracle 162-411	150,623.35	10,765.99
11 68 13 00-0201	EA	Miracle 162-495	40,063.34	2,866.68
11 68 13 00-0202	EA	Miracle 162-436	76,470.41	5,457.32
11 68 13 00-0203	EA	Miracle 162-408	106,599.25	7,623.26
11 68 13 00-0204	EA	Miracle 137A	17,534.63	1,252.85
11 68 13 00-0205	EA	Miracle 136A	12,604.42	902.47
11 68 13 00-0206	EA	Miracle 134RA	10,216.18	732.60
11 68 13 00-0207	EA	Miracle 138RA	16,406.30	1,167.91
11 68 13 00-0208	EA	Miracle 121-112A	7,846.71	562.72
11 68 13 00-0209	EA	Miracle 105-22A	10,949.58	785.68
11 68 13 00-0210	EA	Miracle 132-31A	11,770.19	838.77
11 68 13 00-0211	EA	Miracle 132-71A	22,457.81	1,603.22
11 68 13 00-0212	EA	Miracle Twin Rider 608-1	2,523.24	180.49
11 68 13 00-0213	EA	Miracle Twin Bear Rider 608-2	5,123.41	365.24
11 68 13 00-0214	EA	Miracle 4-way Animal Hop 926	9,651.99	690.13
11 68 13 00-0215	EA	Miracle Spaceship Columbia 939	3,072.00	222.96
11 68 13 00-0216	EA	Miracle Grad Prix 950	3,584.89	254.81
11 68 13 00-0217	EA	Miracle Moto-Cross With "C" Spring	2,425.83	169.88
11 68 13 00-0218	EA	Miracle Rodeo Rider With "C" Spring 901	1,574.47	111.49
11 68 13 00-0219	EA	Miracle Frog With "C" Spring 932	1,574.47	112.54
11 68 13 00-0220	EA	Miracle Jet Interceptor With "C" Spring 940	1,574.47	112.54
11 68 13 00-0221	EA	Miracle Elephant With "C" Spring 938	1,574.47	112.54
11 68 13 00-0222	EA	Miracle Lion With "C" Spring 917	1,574.47	112.54
11 68 13 00-0223	EA	Miracle Schnozz Womp With "C" Spring 933	1,574.47	112.54
11 68 13 00-0224	EA	Miracle Squirrel With "C" Spring 918	1,574.47	112.54
11 68 13 00-0225	EA	Miracle Seal With "C" Spring 919	1,574.47	112.54
11 68 13 00-0226	EA	Miracle 13' Geodesic Climber 402-2	7,390.40	530.87
11 68 13 00-0227	EA	Miracle Parallel Bars 850-285-2	1,155.03	82.82
11 68 13 00-0228	EA	Miracle 4-way Climber 410	5,769.32	414.08
11 68 13 00-0229	EA	Miracle Spider Climber 409	2,589.93	185.81

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 13 00-0230	EA	Miracle Horizontal Ladder 411	2,667.02	191.11
11 68 13 00-0231	EA	Miracle Whirl 302	5,995.43	424.70
11 68 13 00-0232	EA	Miracle Junior Whirl 300	4,610.56	329.13
11 68 13 00-0233	EA	Miracle Pony Express 321	13,175.38	944.94
11 68 13 00-0234	EA	Miracle Mustang Whirl 301	8,969.93	637.04
11 68 13 00-0235		"Gametime" Or Equal *(11 68 13 00-0120)*		
11 68 13 00-0236	EA	Criss Cross G85203	81,776.83	11,148.02
11 68 13 00-0237	EA	Sliding Home G85201	96,527.85	13,377.63
11 68 13 00-0238	EA	Pathfinder G85192	63,151.15	8,918.42
11 68 13 00-0239	EA	Round The Way G85194	59,532.29	8,918.42
11 68 13 00-0240	EA	Run For Fun G85195	37,099.55	5,016.61
11 68 13 00-0241	EA	Curve Play G85199	32,750.70	5,016.61
11 68 13 00-0242	EA	X-Power G85198	47,927.77	7,803.62
11 68 13 00-0243	EA	Lake Hills Loop G85200	57,754.64	8,918.42
11 68 13 00-0244	EA	Tunnel Of Fun G85197	26,125.14	4,459.21
11 68 13 00-0245	EA	Mega Motion G85191	94,483.88	13,377.63
11 68 13 00-0246	EA	Supercenter G85169	100,089.93	13,377.63
11 68 13 00-0247	EA	Dreamland G85179	75,038.98	10,033.22
11 68 13 00-0248	EA	Champion's Challenge G85150	100,933.47	13,377.63
11 68 13 00-0249	EA	Playville Acres G85160	83,516.64	11,148.02
11 68 13 00-0250	EA	Play Paradise G85159	84,089.82	11,148.02
11 68 13 00-0251	EA	Tubes N' Trails G85166	67,787.93	8,918.42
11 68 13 00-0252	EA	Meadow Place G85172	36,362.80	5,016.61
11 68 13 00-0253	EA	Recreation Retreat G85170	119,255.74	15,607.23
11 68 13 00-0254	EA	Cobblestone Way G85165	47,104.50	7,803.62
11 68 13 00-0255	EA	Parallel Play II G85112	86,943.54	11,148.02
11 68 13 00-0256	EA	Parallel Play II Without Roofs G85167	83,519.35	11,148.02
11 68 13 00-0257	EA	Activity Place G85149	46,561.06	7,803.62
11 68 13 00-0258	EA	Meadow Grove G85164	46,816.56	7,803.62
11 68 13 00-0259	EA	Ramp Ridge G85162	87,522.12	11,148.02
11 68 13 00-0260	EA	Park Place G85163	26,276.55	4,459.21
11 68 13 00-0261	EA	Crescent Loop G85127	61,849.33	8,918.42
11 68 13 00-0262	EA	Midland Meadows G85143	42,156.34	6,688.81
11 68 13 00-0263	EA	My Place G85177	46,177.14	7,803.62
11 68 13 00-0264	EA	Forest Hills G85125	99,689.78	13,377.63
11 68 13 00-0265	EA	Room For Everyone G85136	116,092.46	15,607.23
11 68 13 00-0266	EA	Access Plus G85189	170,595.36	22,296.05
11 68 13 00-0267	EA	Ultimate Access G85202	156,266.40	20,066.44
11 68 13 00-0268	EA	Timberline G11812	41,632.42	6,688.81
11 68 13 00-0269	EA	Carnival Corner G11788	35,418.85	5,016.61
11 68 13 00-0270	EA	Straight Arrow G11817	41,357.52	6,688.81
11 68 13 00-0271	EA	School Days G11795	27,885.45	4,459.21
11 68 13 00-0272	EA	Just Enough G11811	10,738.00	1,114.80
11 68 13 00-0273	EA	Oakdale Place G11796	34,452.55	5,016.61
11 68 13 00-0274	EA	Field Of Fun G11792	30,119.33	4,459.21
11 68 13 00-0275	EA	Turnabout G11791	48,561.99	7,803.62
11 68 13 00-0276	EA	Recess Ridge G11793	28,875.35	4,459.21
11 68 13 00-0277	EA	KidHaven G11794	18,041.99	2,508.30
11 68 13 00-0278	EA	Springhill Square G11781	36,765.57	5,016.61
11 68 13 00-0279	EA	Crestview Circle G11782	52,434.15	7,803.62
11 68 13 00-0280	EA	Tottime - Rascal G11714	19,089.59	2,787.00
11 68 13 00-0281	EA	Jr Skill Builder G11744	25,972.28	4,459.21
11 68 13 00-0282	EA	Kidcourse - Trainer G11710	6,658.98	1,114.80
11 68 13 00-0283	EA	Kidcourse - Competitor G11712	19,401.97	2,787.00
11 68 13 00-0284	EA	Kidcourse - Challenger G11711	9,166.98	836.10
11 68 13 00-0285	EA	Contender G11735	9,814.92	1,672.20
11 68 13 00-0286	EA	6'-0" S.S. Straight Chuter 8681	6,390.34	418.06
11 68 13 00-0287	EA	8'-0" S.S. Straight Chuter 8682	8,063.27	696.75
11 68 13 00-0288	EA	Wishbone Slide 18290	7,739.19	696.75
11 68 13 00-0289	EA	Flip Slide 18293	5,614.50	418.06
11 68 13 00-0290	EA	Litte Foot Slide 18294	3,879.90	278.70
11 68 13 00-0291	EA	Bigfoot Slide G81713	9,991.16	836.10
11 68 13 00-0292	EA	Dragon Slide G81722	9,738.33	836.10
11 68 13 00-0293	EA	F5 Slide Without Arch G81733	8,993.00	836.10
11 68 13 00-0294	EA	F5 Slide With Arch G81734	9,684.26	836.10
11 68 13 00-0295	EA	3' Rumble & Roll Zip Slide 18392	4,319.97	278.70
11 68 13 00-0296	EA	4' Zip Slide 18393	4,352.85	278.70
11 68 13 00-0297	EA	4' Double Zip Slide 18394	5,292.07	418.06
11 68 13 00-0298	EA	6' Wave Zip Slide 18395	5,247.67	418.06
11 68 13 00-0299	EA	6' Dueling Wave Zip Slide 18396	5,819.83	418.06
11 68 13 00-0300	EA	8' Zip Slide 81738	7,308.61	696.75
11 68 13 00-0301	EA	8' Zip Slide With Gizmo 81739	7,856.11	696.75
11 68 13 00-0302	EA	Whale Animal 283	1,327.18	209.03
11 68 13 00-0303	EA	Two Seater Taxi 6059	1,743.54	278.70
11 68 13 00-0304	EA	Enclosed Tot Seat Package CC1464	595.12	69.68
11 68 13 00-0305	EA	Enclosed Tot Seat Package 1464	508.34	69.68
11 68 13 00-0306	EA	Super Seat 2 Package CC1467	536.11	69.68
11 68 13 00-0307	EA	Super Seat 2 Package 1467	449.34	69.68
11 68 13 00-0308	EA	Belt Seat Package CC1468	484.05	69.68

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 13 00-0309	EA	Belt Seat Package 1468	397.27	69.68
11 68 13 00-0310	EA	Primetime Swing Frame 12583	2,405.42	557.40
11 68 13 00-0311	EA	Primetime Swing Add-A-Bay 12584	1,391.79	278.70
11 68 13 00-0312	EA	"S" Hook 1	15.08	6.97
11 68 13 00-0313	EA	Chain (Per Foot) 80	9.53	3.48
11 68 13 00-0314	EA	10' 3-Leg Traditional Swing P1002	2,468.33	696.75
11 68 13 00-0315	EA	10' 2 Place Traditional Add-A-Bay P1003	1,139.62	348.38
11 68 13 00-0316	EA	Heavy-Duty Chain (Per Foot) 1080	12.49	3.48
11 68 13 00-0317	EA	8' 2 Place Traditional Swing P1181	2,277.18	557.40
11 68 13 00-0318	EA	8' 2 Place Traditional Add-A-Bay P1182	1,107.36	278.70
11 68 13 00-0319	EA	10' 2 Place Traditional Swing P1183	2,351.16	557.40
11 68 13 00-0320	EA	10' 2 Place Traditional Add-A-Bay P1184	1,285.95	348.38
11 68 13 00-0321	EA	8' 2 Place Modern Swing P1238	2,196.62	557.40
11 68 13 00-0322	EA	8' 2 Place Modern Add-A-Bay P1239	1,026.80	278.70
11 68 13 00-0323	EA	10' 2 Place Modern Add-A-Bay P1240	1,860.37	278.70
11 68 13 00-0324	EA	10' 2 Place Modern Add-A-Bay P1241	1,208.67	348.38
11 68 13 00-0325	EA	8' 3-Leg Heavy Duty Modern Swing P1260	2,313.35	557.40
11 68 13 00-0326	EA	8' 3-Leg Heavy Duty Modern Add-A-Bay P1263	1,143.53	278.70
11 68 13 00-0327	EA	10' 3-Leg Heavy Duty Modern Swing P1264	2,668.91	696.75
11 68 13 00-0328	EA	10' 3-Leg Heavy Duty Modern Add-A-Bay P1267	1,320.47	348.38
11 68 13 00-0329	EA	2-3/8" Swing Hanger 1461	120.54	34.83
11 68 13 00-0330	EA	3-1/2" Swing Hanger 1462	122.27	34.83
11 68 13 00-0331	EA	5" Swing Hanger 1463	137.89	34.83
11 68 13 00-0332	EA	S Hook Pliers 4248	385.45	
11 68 13 00-0333	EA	8' 3-Leg Traditional Swing P8002	2,081.53	557.40
11 68 13 00-0334	EA	8' 2 Place Traditional Add-A-Bay P8003	965.97	278.70
11 68 13 00-0335	EA	Tire Swing Swivel Assembly 159194	771.06	139.35
11 68 13 00-0336	EA	Tire Swing Chain 44-1/8" 176318	73.59	34.83
11 68 13 00-0337	EA	Plastic Tire Seat 300196	381.32	139.35
11 68 13 00-0338	EA	Tire Seat Support Ring 304005	137.25	34.83
11 68 13 00-0339	EA	Enclosed Tot Seat, 2-3/8" CC1469	569.09	69.68
11 68 13 00-0340	EA	Enclosed Tot Seat, 2-3/8" 1469	482.31	69.68
11 68 13 00-0341	EA	Enclosed Tot Seat, 3-1/2" CC1470	581.23	69.68
11 68 13 00-0342	EA	Enclosed Tot Seat, 3-1/2" 1470	494.46	69.68
11 68 13 00-0343	EA	Super Seat-2, 2-3/8" CC1477	534.38	69.68
11 68 13 00-0344	EA	Super Seat-2, 2-3/8" 1477	423.31	69.68
11 68 13 00-0345	EA	Super Seat-2, 2-3/8" CC1478	510.08	69.68
11 68 13 00-0346	EA	Super Seat-2, 3-1/2" CC1479	546.52	69.68
11 68 13 00-0347	EA	Super Seat-2, 3-1/2" 1479	435.45	69.68
11 68 13 00-0348	EA	Super Seat-2, 3-1/2" CC1480	522.23	69.68
11 68 13 00-0349	EA	Belt Seat, 2-3/8" CC1481	482.31	69.68
11 68 13 00-0350	EA	Belt Seat, 2-3/8" 1481	371.24	69.68
11 68 13 00-0351	EA	Belt Seat, 2-3/8" CC1482	458.02	69.68
11 68 13 00-0352	EA	Belt Seat, 3-1/2" CC1483	494.46	69.68
11 68 13 00-0353	EA	Belt Seat, 3-1/2" 1483	383.39	69.68
11 68 13 00-0354	EA	Cushion Bumper Belt Seat CC1484	470.16	69.68
11 68 13 00-0355	EA	Handi-Swing Seat 155327	1,408.93	209.03

11 68 13 00-0356 Playground Equipment (Landscape Structures®) *(11 68 13)*

Note: Excludes excavation and concrete footings.

11 68 13 00-0357 Playground Equipment (Landscape Structures® PlayShaper®) *(11 68 13 00-0356)*

Note: Ages 2 to 5 years.

11 68 13 00-0358	EA	El Slide, 32" Deck (Landscape Structures® PlayShaper® 111323A)	3,018.12	139.35
11 68 13 00-0359	EA	SpyroSlide, 56" Height, 48" Deck (Landscape Structures® PlayShaper® 143480A)	7,657.50	522.56
11 68 13 00-0360	EA	Tunnel Slide, 40" Deck (Landscape Structures® PlayShaper® 128952A)	3,146.00	139.35
11 68 13 00-0361	EA	Double Wave Poly Slide, 48" Deck (Landscape Structures® PlayShaper® 123336A)	3,600.08	209.03
11 68 13 00-0362	EA	Double Swirl Slide, 48" Deck (Landscape Structures® PlayShaper® 130798A)	3,061.18	209.03
11 68 13 00-0363	EA	Double Poly Slide, 32" Deck (Landscape Structures® PlayShaper® 132155A)	2,424.41	139.35
11 68 13 00-0364	EA	Double Poly Slide, 40" To 48" Deck (Landscape Structures® PlayShaper® 132155B)	2,689.30	139.35
11 68 13 00-0365	EA	Lava Run Slide, 30" Or 32" Deck (Landscape Structures® PlayShaper® 137967A)	2,068.18	139.35
11 68 13 00-0366	EA	32" Deck, Gemini SlideWinder2 (Landscape Structures® PlayShaper® 133426A)	5,875.73	418.06
11 68 13 00-0367	EA	40" Deck, Gemini SlideWinder2 (Landscape Structures® PlayShaper® 133426B)	6,770.86	418.06
11 68 13 00-0368	EA	48" Deck, Gemini SlideWinder2 (Landscape Structures® PlayShaper® 133426C)	7,291.50	418.06
11 68 13 00-0369	EA	Curved Poly Slide, 40" Deck (Landscape Structures® PlayShaper® 123339A)	2,070.81	69.68
11 68 13 00-0370	EA	Single Poly Slide, 40" Deck (Landscape Structures® PlayShaper® 133668A)	2,113.85	139.35
11 68 13 00-0371	EA	32" Deck, SlideWinder2 (Landscape Structures® PlayShaper® 132117A)	2,805.43	209.03
11 68 13 00-0372	EA	40" Deck, SlideWinder2 (Landscape Structures® PlayShaper® 132117B)	3,125.12	209.03
11 68 13 00-0373	EA	48" Deck, SlideWinder2 (Landscape Structures® PlayShaper® 132117C)	3,481.34	209.03
11 68 13 00-0374	EA	Critter Canyon Climber, 30" Or 32" Deck (Landscape Structures® PlayShaper® 137966A)	2,013.38	139.35
11 68 13 00-0375	EA	Thunderhead Climber, 48" Deck-To-Ground (Landscape Structures® PlayShaper® 139911A)	8,409.75	557.40
11 68 13 00-0376	EA	Step Deck Climber, 16" Deck (Landscape Structures® PlayShaper® 119981A)	1,182.19	139.35
11 68 13 00-0377	EA	Loop Ladder Climber, 40" Or 48" Deck (Landscape Structures® PlayShaper® 111364A)	1,239.61	69.68
11 68 13 00-0378	EA	Loop Arch Climber, 32" - 48" Deck (Landscape Structures® PlayShaper® 139262A)	1,878.09	174.18
11 68 13 00-0379	EA	32" Deck, Block Climber (Landscape Structures® PlayShaper® 135547A)	2,909.16	243.86
11 68 13 00-0380	EA	40" Deck, Block Climber (Landscape Structures® PlayShaper® 135547B)	3,393.26	243.86
11 68 13 00-0381	EA	32" - 40" Deck, Cozy Climber (Landscape Structures® PlayShaper® 132023A)	3,155.13	139.35
11 68 13 00-0382	EA	48" Deck, Cozy Climber (Landscape Structures® PlayShaper® 132023B)	3,392.61	139.35
11 68 13 00-0383	EA	1-Step, With Permalene Barriers, Deck Links (Landscape Structures® PlayShaper® 153021A)	1,556.68	139.35
11 68 13 00-0384	EA	2-Steps, With Permalene Barriers, Deck Links (Landscape Structures® PlayShaper® 153021B)	1,812.43	139.35
11 68 13 00-0385	EA	16" Deck, Pod Climber (Landscape Structures® PlayShaper® 135346A)	808.69	58.06

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 13 00-0386	EA	24" Deck, Pod Climber (Landscape Structures® PlayShaper® 135346B)	1,498.61	104.51
11 68 13 00-0387	EA	32" Deck, Pod Climber (Landscape Structures® PlayShaper® 135346C)	2,280.54	267.09
11 68 13 00-0388	EA	40" Deck, Pod Climber (Landscape Structures® PlayShaper® 135346D)	2,682.43	267.09
11 68 13 00-0389	EA	32" Deck, Step Ladder (Landscape Structures® PlayShaper® 111327A)	2,387.87	139.35
11 68 13 00-0390	EA	40" Deck, Step Ladder (Landscape Structures® PlayShaper® 111327B)	5,061.70	139.35
11 68 13 00-0391	EA	48" Deck, Step Ladder (Landscape Structures® PlayShaper® 111327C)	3,529.62	139.35
11 68 13 00-0392	EA	32" Deck, Wiggle Ladder (Landscape Structures® PlayShaper® 123284A)	1,126.87	174.18
11 68 13 00-0393	EA	40" Deck, Wiggle Ladder (Landscape Structures® PlayShaper® 123284B)	1,158.04	174.18
11 68 13 00-0394	EA	48" Deck, Wiggle Ladder (Landscape Structures® PlayShaper® 123284C)	1,212.24	174.18
11 68 13 00-0395	EA	Overhead Events Horizontal Ladder, 16" Deck (Landscape Structures® PlayShaper® 129967A)	1,199.81	34.83
11 68 13 00-0396	EA	Overhead Events Horizontal Ladder End Panel, Without Posts (Landscape Structures® PlayShaper® 129968A)	441.69	34.83
11 68 13 00-0397	EA	Conical Climber, 40" Deck (Landscape Structures® PlayShaper® 143200A)	4,299.06	243.86
11 68 13 00-0398	EA	ABC Climber, 32" - 48" Deck (Landscape Structures® PlayShaper® 152432A)	2,253.70	174.18
11 68 13 00-0399	EA	Mini Summit Climber, 40" And 48" Decks (Landscape Structures® PlayShaper® 153077A)	1,367.69	58.06
11 68 13 00-0400	EA	Arch Bridge, 42" Long (Landscape Structures® PlayShaper® 111348A)	2,691.92	69.68
11 68 13 00-0401	EA	Phase Kit (Landscape Structures® PlayShaper® 116098A)	380.32	43.90
11 68 13 00-0402	EA	Belt Bridge With Permalene Barriers, 42" Long (Landscape Structures® PlayShaper® 131956A)	2,089.07	69.68
11 68 13 00-0403	EA	8" Deck-To-Ground, Ramp Exit Plate (Landscape Structures® PlayShaper® 111413A)	840.96	104.51
11 68 13 00-0404	EA	16" - 48" Decks To Ground, Ramp Exit Plate (Landscape Structures® PlayShaper® 138405A)	1,590.60	104.51
11 68 13 00-0405	EA	Deck-To-Deck Ramp With Permalene Barrier And Handrail, Excludes Posts (Landscape Structures® PlayShaper® 132828A)	5,798.77	278.70
11 68 13 00-0406	EA	Deck-To-Ground Ramp With Permalene Barrier And Handrail, Excludes Posts (Landscape Structures® PlayShaper® 132844A)	5,798.77	278.70
11 68 13 00-0407	EA	Wire Crawl Tunnel (Landscape Structures® PlayShaper® 118099A)	2,643.63	139.35
11 68 13 00-0408	EA	Offset Crawl Tunnel, 8" Deck Height Difference (Landscape Structures® PlayShaper® 139268A)	1,985.98	139.35
11 68 13 00-0409	EA	28" Long, Crawl Tunnels With Entrance Panels (Landscape Structures® PlayShaper® 128953A)	2,025.14	69.68
11 68 13 00-0410	EA	56" Long, Crawl Tunnels With Entrance Panels (Landscape Structures® PlayShaper® 128953B)	2,618.85	69.68
11 68 13 00-0411	EA	90 Degree Curved Crawl Tunnels With Entrance Panels (Landscape Structures® PlayShaper® 115409C)	2,899.38	139.35
11 68 13 00-0412	EA	C-Straight Crawl Tunnels With Entrance Panels (Landscape Structures® PlayShaper® 118097A)	4,784.89	278.70
11 68 13 00-0413	EA	S-Straight Crawl Tunnels With Entrance Panels (Landscape Structures® PlayShaper® 118097B)	4,784.89	278.70
11 68 13 00-0414	EA	C-Inclined Crawl Tunnels With Entrance Panels, 16" Deck Height Difference (Landscape Structures® PlayShaper® 118098A)	4,784.89	278.70
11 68 13 00-0415	EA	S-Inclined Crawl Tunnels With Entrance Panels, 16" Deck Height Difference (Landscape Structures® PlayShaper® 118098B)	4,784.89	278.70
11 68 13 00-0416	EA	Bubble Panel, Enclosure (Landscape Structures® PlayShaper® 111282A)	916.66	34.83
11 68 13 00-0417	EA	Ball Maze Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayShaper® 111300A)	1,399.13	23.23
11 68 13 00-0418	EA	Chimes Panel, Enclosure (Landscape Structures® PlayShaper® 113211A)	1,618.35	23.23
11 68 13 00-0419	EA	Braille And Clock Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayShaper® 123845A)	1,764.49	23.23
11 68 13 00-0420	EA	Driver Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayShaper® 111288A)	962.33	34.83
11 68 13 00-0421	EA	Finger Maze Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayShaper® 111289A)	759.75	23.23
11 68 13 00-0422	EA	Gear Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayShaper® 117147A)	2,212.06	23.23
11 68 13 00-0423	EA	Hole Panel, Enclosure (Landscape Structures® PlayShaper® 111284A)	604.47	23.23
11 68 13 00-0424	EA	House Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayShaper® 111299A)	715.71	34.83
11 68 13 00-0425	EA	Hourglass Panel, Enclosure (Landscape Structures® PlayShaper® 124333A)	1,883.23	23.23
11 68 13 00-0426	EA	Match 4 Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayShaper® 127684A)	1,181.54	34.83
11 68 13 00-0427	EA	Image Panel, 176 Play Blocks, Enclosure (Landscape Structures® PlayShaper® 127685A)	1,641.51	69.68
11 68 13 00-0428	EA	Math Panel, Enclosure, Red Discs Only (Landscape Structures® PlayShaper® 111294A)	1,758.62	58.06
11 68 13 00-0429	EA	Sand And Water Panel, Enclosure (Ground Level Only), Tan Dish Only (Landscape Structures® PlayShaper® 111297A)	1,699.56	104.51
11 68 13 00-0430	EA	Mirror Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayShaper® 111298A)	1,225.58	23.23
11 68 13 00-0431	EA	Periscope Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayShaper® 118429A)	1,830.06	34.83
11 68 13 00-0432	EA	Pilot Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayShaper® 119515A)	1,254.61	34.83
11 68 13 00-0433	EA	Slant Window Panel, Enclosure (Landscape Structures® PlayShaper® 111281A)	1,604.97	69.68
11 68 13 00-0434	EA	Storefront Panel, Enclosure (Ground Level Only) (Landscape Structures® PlayShaper® 144984A)	551.30	34.83
11 68 13 00-0435	EA	Spelling Panel, Enclosure, Red Discs Only (Landscape Structures® PlayShaper® 111295A)	1,694.68	58.06
11 68 13 00-0436	EA	Slant Entrance Panel, Enclosure (Ground Level Only) (Landscape Structures® PlayShaper® 111387A)	1,305.18	92.90
11 68 13 00-0437	EA	Space Travel Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayShaper® 123484A)	1,572.68	23.23
11 68 13 00-0438	EA	Puppet Panel, Enclosure (Landscape Structures® PlayShaper® 111285A)	604.47	23.23
11 68 13 00-0439	EA	Puppet Panel With Window, Enclosure (Landscape Structures® PlayShaper® 111286A)	834.45	34.83
11 68 13 00-0440	EA	Zoo Panel, Enclosure (Landscape Structures® PlayShaper® 111287A)	604.47	23.23
11 68 13 00-0441	EA	Tracing Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayShaper® 111290A)	778.02	23.23
11 68 13 00-0442	EA	Table Panel, Enclosure (Ground Level Only) (Landscape Structures® PlayShaper® 111292A)	1,480.34	104.51
11 68 13 00-0443	EA	Tic-Tac-Toe Panel, Enclosure (Landscape Structures® PlayShaper® 111293A)	1,601.71	34.83
11 68 13 00-0444	EA	Bead And Block Panel Without Handles, Enclosure (Landscape Structures® PlayShaper® 111370A)	1,218.08	34.83
11 68 13 00-0445	EA	2 Benches, 2 End Panels (Ground Level Only) (Landscape Structures® PlayShaper® 116120A)	1,174.05	58.06
11 68 13 00-0446	EA	1 Bench, 2 End Panels (Ground Level Only) (Landscape Structures® PlayShaper® 138185A)	680.81	58.06
11 68 13 00-0447	EA	1 Bench, 1 End Panel (Ground Level Only) (Landscape Structures® PlayShaper® 138299A)	596.97	34.83
11 68 13 00-0448	EA	Balcony Deck, Brown Tenderdeck Only (Landscape Structures® PlayShaper® 139260A)	1,653.89	104.51
11 68 13 00-0449	EA	Balcony Deck With Wheel, Brown Tenderdeck Only (Landscape Structures® PlayShaper® 139260B)	1,918.77	104.51
11 68 13 00-0450	EA	Trail Tracker Reach Panel (2-Color Permalene) (Landscape Structures® PlayShaper® 139264A)	549.67	23.23
11 68 13 00-0451	EA	Navigator Reach Panel (2-Color Permalene) (Landscape Structures® PlayShaper® 139266A)	768.88	23.23
11 68 13 00-0452	EA	Curb, Accessible Reach Panel (Landscape Structures® PlayShaper® 128623A)	160.56	23.23
11 68 13 00-0453	EA	Long Wire Barrier (For 90 Degree Tri-Deck) (Landscape Structures® PlayShaper® 117945A)	889.25	34.83
11 68 13 00-0454	EA	Long Wire Barrier With Wheel (For 90 Degree Tri-Deck) (Landscape Structures® PlayShaper® 117945B)	1,183.18	58.06
11 68 13 00-0455	EA	Short Wire Barrier (Square, Corner And Extension Decks) (Landscape Structures® PlayShaper® 117946A)	680.81	58.06
11 68 13 00-0456	EA	Short Wire Barrier With Wheel (Square, Corner And Extension Decks) (Landscape Structures® PlayShaper® 117946B)	945.70	58.06
11 68 13 00-0457	EA	Chinning Bar Without Post (Landscape Structures® PlayShaper® 139272A)	156.91	23.23
11 68 13 00-0458	EA	Steering Wheel (Landscape Structures® PlayShaper® 111306A)	293.92	23.23
11 68 13 00-0459	EA	Steering Wheel With Infill Panel (Landscape Structures® PlayShaper® 111306B)	394.39	23.23
11 68 13 00-0460	EA	Handloop (Landscape Structures® PlayShaper® 119977A)	229.98	23.23

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 13 00-0461	EA	Ground Level, Talk Tubes, Attaches Next To 40" To 48" Deck Only, One Only (Landscape Structures® PlayShaper® 115198A)	624.37	34.83
11 68 13 00-0462	EA	16" Deck, Talk Tubes, One Only (Landscape Structures® PlayShaper® 115198B)	642.64	34.83
11 68 13 00-0463	EA	24" Deck, Talk Tubes, One Only (Landscape Structures® PlayShaper® 115198C)	651.77	34.83
11 68 13 00-0464	EA	32" Deck, Talk Tubes, One Only (Landscape Structures® PlayShaper® 115198D)	670.04	34.83
11 68 13 00-0465	EA	40" Deck, Talk Tubes, One Only (Landscape Structures® PlayShaper® 115198E)	679.17	34.83
11 68 13 00-0466	EA	48" Deck, Talk Tubes, One Only (Landscape Structures® PlayShaper® 115198F)	697.44	34.83
11 68 13 00-0467	EA	Talk Tube Tubing Kit (Landscape Structures® PlayShaper® 111362A) Note: Order one talk tube tubing kit with two talk tubes (any height listed).	604.13	209.03
11 68 13 00-0468	EA	Arch Roof (Landscape Structures® PlayShaper® 111407A)	947.32	69.68
11 68 13 00-0469	EA	Square Poly Roof With Logo Panels (Landscape Structures® PlayShaper® 118110A)	1,775.90	139.35
11 68 13 00-0470	EA	Square Peak Tile Roof With Logo Panels (Landscape Structures® PlayShaper® 129816A)	1,967.71	139.35
11 68 13 00-0471	EA	Super-Square Shingle Roof With Permalene Roof Cap (Landscape Structures® PlayShaper® 130102A)	4,068.53	139.35
11 68 13 00-0472	EA	Super-Square Shingle Roof With Poly Roof Cap (Landscape Structures® PlayShaper® 130102B)	4,726.18	139.35
11 68 13 00-0473	EA	Square Tenderdeck, Brown Only (Landscape Structures® PlayShaper® 111237A)	1,027.90	58.06
11 68 13 00-0474	EA	Square Tenderdeck, Corner, Brown Only (Landscape Structures® PlayShaper® 111238A)	982.23	58.06
11 68 13 00-0475	EA	Square Tenderdeck, Extension, Brown Only (Landscape Structures® PlayShaper® 111239A)	1,000.50	58.06
11 68 13 00-0476	EA	90 Degree Triangular Tenderdeck, Brown Only (Landscape Structures® PlayShaper® 117495A)	807.05	34.83
11 68 13 00-0477	EA	Transfer Stations With Two Handbars (Landscape Structures® PlayShaper® 126205A)	1,627.14	209.03
11 68 13 00-0478	EA	Transfer Stations With One Handbar (Landscape Structures® PlayShaper® 126205B)	1,490.13	209.03
11 68 13 00-0479	EA	Transfer Stations No Handbars (Landscape Structures® PlayShaper® 126205C)	1,371.39	209.03
11 68 13 00-0480	EA	Curb For 90 Degree Tri-Deck (Landscape Structures® PlayShaper® 139083A)	193.44	23.23
11 68 13 00-0481	EA	8" Rise, Kick Plates, Brown Only (Landscape Structures® PlayShaper® 121948A)	171.52	23.23
11 68 13 00-0482	EA	16" Rise, Kick Plates, Brown Only (Landscape Structures® PlayShaper® 121948B)	248.25	23.23
11 68 13 00-0483	EA	8" Rise, 90 Degree Tri-Deck, Kick Plates, Brown Only (Landscape Structures® PlayShaper® 121949A)	208.06	23.23
11 68 13 00-0484	EA	16" Rise, 90 Degree Tri-Deck, Kick Plates, Brown Only (Landscape Structures® PlayShaper® 121949B)	303.05	23.23
11 68 13 00-0485	EA	To 32" Deck, Curved Transfer Module, Right Or Left Step (Landscape Structures® PlayShaper® 153020A)	3,058.57	278.70
11 68 13 00-0486	EA	To 40" Deck, Curved Transfer Module, Right Or Left Step (Landscape Structures® PlayShaper® 153020B)	3,487.86	278.70
11 68 13 00-0487	EA	To 48" Deck, Curved Transfer Module, Right Or Left Step (Landscape Structures® PlayShaper® 153020C)	3,670.54	278.70
11 68 13 00-0488	EA	56"/SpyroSlide, Arches For Decks And/or Roofs (Landscape Structures® PlayShaper® 111399A)	1,833.32	69.68
11 68 13 00-0489	EA	48" Deck, Arches For Decks And/or Roofs (Landscape Structures® PlayShaper® 111399B)	1,796.79	69.68
11 68 13 00-0490	EA	40" Deck, Arches For Decks And/or Roofs (Landscape Structures® PlayShaper® 111399C)	1,778.52	69.68
11 68 13 00-0491	EA	32" Deck, Arches For Decks And/or Roofs (Landscape Structures® PlayShaper® 111399D)	1,751.12	69.68
11 68 13 00-0492	EA	24" Deck, Arches For Decks And/or Roofs (Landscape Structures® PlayShaper® 111399E)	1,723.71	69.68
11 68 13 00-0493	EA	16" Deck, Arches For Decks And/or Roofs (Landscape Structures® PlayShaper® 111399F)	1,705.45	69.68
11 68 13 00-0494	EA	8" Deck, Arches For Decks And/or Roofs (Landscape Structures® PlayShaper® 111399G)	1,687.18	69.68
11 68 13 00-0495	EA	Ground Level, Arches For Decks And/or Roofs (Landscape Structures® PlayShaper® 111399H)	1,668.91	69.68
11 68 13 00-0496	EA	82"/48" Deck, Flush Mount Posts For Decks (Landscape Structures® PlayShaper® 111398A)	414.29	34.83
11 68 13 00-0497	EA	74"/40" Deck, Flush Mount Posts For Decks (Landscape Structures® PlayShaper® 111398B)	396.02	34.83
11 68 13 00-0498	EA	66"/32" Deck, Flush Mount Posts For Decks (Landscape Structures® PlayShaper® 111398C)	368.62	34.83
11 68 13 00-0499	EA	58"/24" Deck, Flush Mount Posts For Decks (Landscape Structures® PlayShaper® 111398D)	359.48	34.83
11 68 13 00-0500	EA	50"/16" Deck, Flush Mount Posts For Decks (Landscape Structures® PlayShaper® 111398E)	350.35	34.83
11 68 13 00-0501	EA	42"/8" Deck, Flush Mount Posts For Decks (Landscape Structures® PlayShaper® 111398F)	341.21	34.83
11 68 13 00-0502	EA	128"/SpyroSlide/SlideWinder2 Off 48" Deck, Post For Decks (Landscape Structures® PlayShaper® 111397A)	768.54	209.03
11 68 13 00-0503	EA	114"/48" Deck/SlideWinder2 Off 40" Deck, Post For Decks (Landscape Structures® PlayShaper® 111397B)	732.01	209.03
11 68 13 00-0504	EA	106"/40" Deck/SlideWinder2 Off 32" Deck, Post For Decks (Landscape Structures® PlayShaper® 111397C)	722.87	209.03
11 68 13 00-0505	EA	98"/32" Deck, Post For Decks (Landscape Structures® PlayShaper® 111397D)	423.42	34.83
11 68 13 00-0506	EA	90"/24" Deck, Post For Decks (Landscape Structures® PlayShaper® 111397E)	414.29	34.83
11 68 13 00-0507	EA	82"/16" Deck, Post For Decks (Landscape Structures® PlayShaper® 111397F)	396.02	34.83
11 68 13 00-0508	EA	74"/8" Deck, Post For Decks (Landscape Structures® PlayShaper® 111397G)	368.62	34.83
11 68 13 00-0509	EA	69"/Ground Level, Post For Decks (Landscape Structures® PlayShaper® 111397H)	359.48	34.83
11 68 13 00-0510	EA	145"/SpyroSlide, Post For Roofs (Landscape Structures® PlayShaper® 111396A)	487.36	34.83
11 68 13 00-0511	EA	137"/48" Deck, Post For Roofs (Landscape Structures® PlayShaper® 111396B)	478.22	34.83
11 68 13 00-0512	EA	129"/40" Deck, Post For Roofs (Landscape Structures® PlayShaper® 111396C)	450.82	34.83
11 68 13 00-0513	EA	121"/32" Deck, Post For Roofs (Landscape Structures® PlayShaper® 111396D)	441.69	34.83
11 68 13 00-0514	EA	113"/24" Deck, Post For Roofs (Landscape Structures® PlayShaper® 111396E)	432.55	34.83
11 68 13 00-0515	EA	105"/16" Deck, Post For Roofs (Landscape Structures® PlayShaper® 111396F)	414.29	34.83
11 68 13 00-0516	EA	97"/8" Deck, Post For Roofs (Landscape Structures® PlayShaper® 111396G)	396.02	34.83
11 68 13 00-0517	EA	89"/Ground Level, Post For Roofs (Landscape Structures® PlayShaper® 111396H)	368.62	34.83
11 68 13 00-0518	EA	Learning Wall Arch For 10" Panel Height, With Logo Panel (For Roof Only) (Landscape Structures® PlayShaper® 115208A)	2,656.58	246.21
11 68 13 00-0519	EA	Learning Wall Arch For 1" Panel Height, With Logo Panel (For Roof Only) (Landscape Structures® PlayShaper® 115208B)	2,621.88	243.04
11 68 13 00-0520	EA	Learning Wall Arch For 10" Panel Height Without Logo Panel (For Roof Only) (Landscape Structures® PlayShaper® 115208C)	2,135.73	198.02
11 68 13 00-0521	EA	Learning Wall Arch For 1" Panel Height Without Logo Panel (For Roof Only) (Landscape Structures® PlayShaper® 115208D)	2,100.93	194.72
11 68 13 00-0522	EA	Learning Wall Post For 10" Panel Height (Landscape Structures® PlayShaper® 115201A)	434.07	40.24
11 68 13 00-0523	EA	Learning Wall Post For 1" Panel Height (Landscape Structures® PlayShaper® 115201B)	416.71	38.65
11 68 13 00-0524	EA	Learning Wall Post For Poly Roof With 10" Panel Height (Landscape Structures® PlayShaper® 115203A)	472.27	43.74
11 68 13 00-0525	EA	Learning Wall Post For Poly Roof With 1" Panel Height (Landscape Structures® PlayShaper® 115203B)	451.44	41.83
11 68 13 00-0526	EA	The Peak Natural Climber, 40" Deck (Landscape Structures® PlayShaper® 160423A)	8,956.50	348.38
11 68 13 00-0527	EA	The Stepper Natural Climbing Stone, 24" Deck (Landscape Structures® PlayShaper® 160424A)	4,769.24	209.03
11 68 13 00-0528		Playground Equipment (Landscape Structures® Independent Pieces) *(11 68 13 00-0356)*		
11 68 13 00-0529	EA	9-Blocks, Block Climber (Landscape Structures® 117966A)	3,896.26	348.38
11 68 13 00-0530	EA	12-Blocks, Block Climber (Landscape Structures® 117966B)	4,398.63	348.38
11 68 13 00-0531	EA	116-Blocks, Block Climber (Landscape Structures® 117966C)	5,400.76	418.06
11 68 13 00-0532	EA	Spider Web Climber, CableCore Climbing Cable (Direct Bury Only) (Landscape Structures® 136159A)	4,045.04	278.70
11 68 13 00-0533	EA	6-Panels, Cascade Climber (Direct Bury Only) (Landscape Structures® 150976A)	6,517.22	464.51

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 13 00-0534	EA	4-Panels, Cascade Climber (Direct Bury Only) (Landscape Structures® 150977A)	4,504.35	209.03
11 68 13 00-0535	EA	Star Seeker Climber, Net Climber (Direct Bury Only) (Landscape Structures® 148041A)	12,051.60	627.07
11 68 13 00-0536	EA	Funnel Climber, Net Climber With 2 Vertical Ladders, (6) Aluminum Posts (Landscape Structures® 144477A)	10,835.49	418.06
11 68 13 00-0537	EA	Funnel Climber, Net Climber Without Vertical Ladders, (4) Aluminum Posts (Landscape Structures® 144477B)	7,979.16	348.38
11 68 13 00-0538	EA	Funnel Climber, Net Climber With 1 Vertical Ladder, (5) Aluminum Posts (Landscape Structures® 144477C)	9,407.33	383.21
11 68 13 00-0539	EA	Funnel Climber, Net Climber With 3 Vertical Ladders, (7) Aluminum Posts (Landscape Structures® 144477D)	12,263.66	452.89
11 68 13 00-0540	EA	Funnel Climber, Net Climber With 4 Vertical Ladders, (8) Aluminum Posts (Landscape Structures® 144477E)	13,691.82	487.72
11 68 13 00-0541	EA	Funnel Climber, Net Climber With 2 Vertical Ladders, (6) Steel Posts (Landscape Structures® 144477F)	10,561.47	418.06
11 68 13 00-0542	EA	Funnel Climber, Net Climber Without Vertical Ladders, (4) Steel Posts (Landscape Structures® 144477G)	7,796.48	348.38
11 68 13 00-0543	EA	Funnel Climber, Net Climber With 1 Vertical Ladder, (5) Steel Posts (Landscape Structures® 144477H)	9,178.98	383.21
11 68 13 00-0544	EA	Funnel Climber, Net Climber With 3 Vertical Ladders, (7) Steel Posts (Landscape Structures® 144477I)	11,943.97	452.89
11 68 13 00-0545	EA	Funnel Climber, Net Climber With 4 Vertical Ladders, (8) Steel Posts (Landscape Structures® 144477J)	13,326.46	487.72
11 68 13 00-0546	EA	8", Pod Climber, One Pod Only (Landscape Structures® 120710A)	443.33	58.06
11 68 13 00-0547	EA	16", Pod Climber, One Pod Only (Landscape Structures® 120711A)	452.46	58.06
11 68 13 00-0548	EA	24", Pod Climber, One Pod Only (Landscape Structures® 120712A)	461.59	58.06
11 68 13 00-0549	EA	30", Pod Climber, One Pod Only (Landscape Structures® 120713A)	470.73	58.06
11 68 13 00-0550	EA	Track Ride Curved (Landscape Structures® 118093A)	4,406.49	139.35
11 68 13 00-0551	EA	18' Curved Track Ride, Aluminum Posts, (Direct Bury Only) (Landscape Structures® 121874A)	6,725.19	418.06
11 68 13 00-0552	EA	18' Curved Track Ride, Steel Posts, (Direct Bury Only) (Landscape Structures® 121874B)	6,542.51	418.06
11 68 13 00-0553	EA	10' Straight Track Ride, Aluminum Posts, (Direct Bury Only) (Landscape Structures® 121648A)	5,665.65	418.06
11 68 13 00-0554	EA	10' Straight Track Ride, Steel Posts, (Direct Bury Only) (Landscape Structures® 121648B)	5,300.29	418.06
11 68 13 00-0555	EA	18' Straight Track Ride, Aluminum Posts, (Direct Bury Only) (Landscape Structures® 121875A)	5,894.00	418.06
11 68 13 00-0556	EA	18' Straight Track Ride, Steel Posts, (Direct Bury Only) (Landscape Structures® 121875B)	5,711.32	418.06
11 68 13 00-0557	EA	Playstructure Seat, TenderTuff-coated Brown (Landscape Structures® 120818A)	563.70	69.68
11 68 13 00-0558	EA	Kids In Motion, Sway Fun Glider, Brown Deck Only (Landscape Structures® 138871A)	20,109.08	836.10
11 68 13 00-0559	EA	CoolToppers Shade System, Full Sail, (Direct Bury Only) (Landscape Structures® 136759A)	17,453.64	1,254.16
11 68 13 00-0560	EA	CoolToppers Shade System, Single Post, (Direct Bury Only) (Landscape Structures® 154397A)	5,892.66	696.75
11 68 13 00-0561	EA	CoolToppers Shade System, Single Post With Cool Mister, (Direct Bury Only) (Landscape Structures® 155071A)	7,132.33	278.70
11 68 13 00-0562	EA	CoolToppers Shade System, Single Post With Cool Mister, (Direct Bury Only) (Landscape Structures® 155072A)	11,574.01	696.75
11 68 13 00-0563	EA	Turtle Sand Table, (2-Color Permalene), (Direct Bury Only) (Landscape Structures® 116568A)	738.87	92.90
11 68 13 00-0564	EA	Straight Crawl Tunnel (Landscape Structures® 100005A)	2,366.99	209.03
11 68 13 00-0565	EA	Curved Crawl Tunnel (Landscape Structures® 100005D)	2,997.24	209.03
11 68 13 00-0566	EA	4' Square, SanDirect Buryoxe (Landscape Structures® 120458A)	658.94	209.03
11 68 13 00-0567	EA	SanDirect Buryoxe, Play Table Only (Landscape Structures® 120894A)	914.69	209.03
11 68 13 00-0568	EA	8' Square, SanDirect Buryoxe Without Play Table (Landscape Structures® 120458B)	1,327.00	418.06
11 68 13 00-0569	EA	8' Square, SanDirect Buryoxe With Play Table, (Direct Bury Only) (Landscape Structures® 120458C)	1,884.17	418.06
11 68 13 00-0570	EA	8' L-Shaped, SanDirect Buryoxe Without Play Table (Landscape Structures® 120458D)	1,327.00	418.06
11 68 13 00-0571	EA	8' L-Shaped, SanDirect Buryoxe With Play Table, (Direct Bury Only) (Landscape Structures® 120458E)	1,884.17	418.06
11 68 13 00-0572	EA	Splash Circuit Sand And Water Station, Direct Bury (Landscape Structures® 126202A)	5,806.56	557.40
11 68 13 00-0573	EA	Splash Circuit Sand And Water Station, Surface Mount (Landscape Structures® 126202B)	5,619.98	418.06
11 68 13 00-0574	EA	Talk Tubes, Complete With (2) 2-3/8" Square Aluminum Posts, Ground Level, (Direct Bury Only) (Landscape Structures® 113931A)	2,592.73	278.70
11 68 13 00-0575	EA	Clear Paint Panel, Surface Mount (Landscape Structures® 112621A)	1,038.66	69.68
11 68 13 00-0576	EA	Clear Paint Panel, Direct Bury (Landscape Structures® 112621B)	914.03	104.51
11 68 13 00-0577	EA	Dino Climber, Direct Bury (Landscape Structures® 100122A)	14,940.56	557.40
11 68 13 00-0578	EA	Dino Climber, Surface Mount (Landscape Structures® 100122B)	15,546.02	487.72
11 68 13 00-0579	EA	Sand Table, (3) Steel Posts, Direct Bury (Landscape Structures® 136233B)	4,195.07	418.06
11 68 13 00-0580	EA	Sand Table, (3) Aluminum Posts, Direct Bury (Landscape Structures® 136233A)	4,295.55	418.06
11 68 13 00-0581	EA	Wiggle Worm Crawl Tunnel With 2-Color Permalene Head (Landscape Structures® 120418A)	5,038.01	348.38
11 68 13 00-0582	EA	Wiggle Worm Crawl Tunnel Without 2-Color Permalene Head (Landscape Structures® 120418B)	3,542.67	278.70
11 68 13 00-0583	EA	Kids In Motion, Saddle Spinner (Landscape Structures® 152179A)	1,513.63	69.68
11 68 13 00-0584	EA	Kids In Motion, Log Roll With Aluminum Posts (Landscape Structures® 100027A)	2,241.73	139.35
11 68 13 00-0585	EA	Kids In Motion, Log Roll, Tan Log Only, (2) Steel Posts (Landscape Structures® 100027B)	2,150.39	139.35
11 68 13 00-0586	EA	Kids In Motion, Spring Pod Bouncer, Sold Individually Per Pod (Landscape Structures® 120876A)	598.60	58.06
11 68 13 00-0587	EA	Kids In Motion, SpringRing Bouncer, (Brown Ring Only, Avail. for Direct Bury Only) (Landscape Structures® 117961A)	8,007.85	557.40
11 68 13 00-0588	EA	Kids In Motion, Spring Platform With Handhold, Brown Platform, Tan Handhold* (Landscape Structures® 125059A)	2,870.64	418.06
11 68 13 00-0589	EA	Kids In Motion, Spring Platform Without Handhold, Brown Platform* (Landscape Structures® 125059B)	2,687.96	418.06
11 68 13 00-0590	EA	Kids In Motion, Spring Platform With Post, Brown Platform, Tan Post* (Landscape Structures® 125059C)	3,363.88	418.06
11 68 13 00-0591	EA	Kids In Motion, Stand-Up Spinner, (Direct Bury Only) (Landscape Structures® 155077A)	2,216.95	69.68
11 68 13 00-0592	EA	Orbiter Spinner, Steel Post, (Avail. for Direct Bury Only (Landscape Structures® 153589A)	3,106.85	209.03
11 68 13 00-0593	EA	Orbiter2 Spinner, Steel Post, (Avail. for Direct Bury Only (Landscape Structures® 154358A)	5,588.68	278.70
11 68 13 00-0594	EA	Orbiter3 Spinner, Steel Post, (Direct Bury Only) (Landscape Structures® 154359A)	8,061.37	348.38
11 68 13 00-0595	EA	Stand-Up Seesaw, Direct Bury (Landscape Structures® 148638A)	3,264.74	139.35
11 68 13 00-0596	EA	Stand-Up Seesaw, Surface Mount (Landscape Structures® 148638B)	2,817.17	139.35
11 68 13 00-0597	EA	2-Seat Seesaw, Direct Bury, Without Color Options On Permalene (Landscape Structures® 148636A)	3,611.83	139.35
11 68 13 00-0598	EA	2-Seat Seesaw, Surface Mount, Without Color Options On Permalene (Landscape Structures® 148636B)	3,118.59	139.35
11 68 13 00-0599	EA	4-Seat Seesaw, Direct Bury, Without Color Options On Permalene (Landscape Structures® 148637A)	4,360.82	139.35
11 68 13 00-0600	EA	4-Seat Seesaw, Surface Mount, Without Color Options On Permalene (Landscape Structures® 148637B)	3,885.85	139.35
11 68 13 00-0601	EA	Seesaw Back Support, With Seat Strap* (Landscape Structures® 148706A)	412.66	23.23
11 68 13 00-0602	EA	Seesaw Back Support, without Seat Strap (Landscape Structures® 148706B)	339.59	23.23
11 68 13 00-0603	EA	Stationary Cycler, SuperScoop, (Direct Bury Only) (Landscape Structures® 123831A)	1,559.94	174.18
11 68 13 00-0604	EA	Stationary Cycler, SuperScoop, Wheelchair-Accessible, Surface Mount (Landscape Structures® 123832A)	1,389.00	104.51
11 68 13 00-0605	EA	Stationary Cycler, SuperScoop, Wheelchair-Accessible, Direct Bury (Landscape Structures® 123832B)	1,450.33	174.18
11 68 13 00-0606	EA	Motorcycle TuffRiders, With Coil Spring, Direct Bury (Landscape Structures® 100013B)	2,129.51	209.03
11 68 13 00-0607	EA	Motorcycle Back Supports With Seat Strap (Landscape Structures® 123711A)	330.45	23.23
11 68 13 00-0608	EA	Motorcycle Back Supports Without Seat Strap (Landscape Structures® 123711B)	275.65	23.23
11 68 13 00-0609	EA	Turtle TuffRiders, With Coil Spring, Direct Bury (Landscape Structures® 100014B)	1,797.42	174.18
11 68 13 00-0610	EA	Bird TuffRiders, With Coil Spring, Direct Bury (Landscape Structures® 100015B)	1,828.09	209.03
11 68 13 00-0611	EA	Horse TuffRiders, With Coil Spring, Direct Bury (Landscape Structures® 100015B)	1,809.82	209.03

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 13 00-0612	EA	Car TuffRiders, With Coil Spring, Direct Bury (Landscape Structures® 100017B)	2,129.51	209.03
11 68 13 00-0613	EA	RhinoDino TuffRiders, With Coil Spring, Direct Bury (Landscape Structures® 100123B)	1,779.15	174.18
11 68 13 00-0614	EA	T-Rex TuffRiders, With Coil Spring, Direct Bury (Landscape Structures® 100124B)	1,809.82	209.03
11 68 13 00-0615	EA	2-Seat Airplane Rider TuffRiders, With Coil Spring, Surface Mount (Landscape Structures® 120871A)	2,680.81	243.86
11 68 13 00-0616	EA	2-Seat Airplane Rider TuffRiders, With Coil Spring, Direct Bury (Landscape Structures® 120871B)	2,805.43	209.03
11 68 13 00-0617	EA	2-Seat Fire Engine Rider TuffRiders, With Coil Spring, Surface Mount (Landscape Structures® 126378A)	2,434.19	243.86
11 68 13 00-0618	EA	2-Seat Fire Engine Rider TuffRiders, With Coil Spring, Direct Bury (Landscape Structures® 126378B)	2,549.67	209.03
11 68 13 00-0619	EA	Motorcycle TuffRiders, With Coil Spring, Surface Mount (Landscape Structures® 100013A)	1,833.96	174.18
11 68 13 00-0620	EA	Turtle TuffRiders, With Coil Spring, Surface Mount (Landscape Structures® 100014A)	1,492.74	139.35
11 68 13 00-0621	EA	Bird TuffRiders, With Coil Spring, Surface Mount (Landscape Structures® 100015A)	1,523.40	174.18
11 68 13 00-0622	EA	Horse TuffRiders, With Coil Spring, Surface Mount (Landscape Structures® 100016A)	1,505.13	174.18
11 68 13 00-0623	EA	Car TuffRiders, With Coil Spring, Surface Mount (Landscape Structures® 100017A)	1,833.96	174.18
11 68 13 00-0624	EA	RhinoDino TuffRiders, With Coil Spring, Surface Mount (Landscape Structures® 100123A)	1,483.61	139.35
11 68 13 00-0625	EA	T-Rex TuffRiders, With Coil Spring, Surface Mount (Landscape Structures® 100124A)	1,505.13	174.18
11 68 13 00-0626	EA	Zebra Whimsy Riders, With Coil Spring, Direct Bury (Landscape Structures® 135534B)	1,879.63	174.18
11 68 13 00-0627	EA	Sea Horse Whimsy Riders, With Coil Spring, Direct Bury (Landscape Structures® 135535B)	2,007.50	174.18
11 68 13 00-0628	EA	Dolphin Whimsy Riders, With Coil Spring, Direct Bury (Landscape Structures® 135536B)	1,916.16	174.18
11 68 13 00-0629	EA	Zebra Whimsy Riders, With Coil Spring, Surface Mount (Landscape Structures® 135534A)	1,593.22	139.35
11 68 13 00-0630	EA	Sea Horse Whimsy Riders, With Coil Spring, Surface Mount (Landscape Structures® 135535A)	1,711.96	139.35
11 68 13 00-0631	EA	Dolphin Whimsy Riders, With Coil Spring, Surface Mount (Landscape Structures® 135536A)	1,629.75	139.35
11 68 13 00-0632	EA	SpyroSlide, Poly, 72" Deck (Landscape Structures® 115366A)	11,687.53	836.10
11 68 13 00-0633	EA	40" Poly Slide, 40" Deck (Landscape Structures® 100046A)	6,234.57	348.38
11 68 13 00-0634	EA	Wave Poly Slide, 72" Deck (Landscape Structures® 100046C)	7,531.59	348.38
11 68 13 00-0635	EA	Fire Engine, Colors As Shown Only, (Direct Bury Only) (Landscape Structures® 148640A)	22,892.28	1,393.51
11 68 13 00-0636	EA	Double Humpty Climber (Direct Bury Only) (Landscape Structures® 100037A)	3,935.43	278.70
11 68 13 00-0637	EA	Single Humpty Climber (Direct Bury Only) (Landscape Structures® 100037B)	2,166.05	209.03
11 68 13 00-0638	EA	12-Panel, Mobius Climber (Direct Bury Only) (Landscape Structures® 150638A)	43,129.22	2,229.61
11 68 13 00-0639	EA	7-Panel, Mobius Climber (Direct Bury Only) (Landscape Structures® 150637A)	23,813.47	1,672.20
11 68 13 00-0640	EA	6-Panel, Mobius Climber (Direct Bury Only) (Landscape Structures® 150636A)	21,612.17	1,672.20
11 68 13 00-0641	EA	3-Panel, Mobius Climber (Direct Bury Only) (Landscape Structures® 150635A)	10,291.35	557.40
11 68 13 00-0642	EA	4', Rainbow Climber (Direct Bury Only) (Landscape Structures® 100038A)	1,489.48	104.51
11 68 13 00-0643	EA	6', Rainbow Climber (Direct Bury Only) (Landscape Structures® 100038B)	1,663.02	104.51
11 68 13 00-0644	EA	Sky Rail Climber, Independent Climber (Direct Bury Only) (Landscape Structures® 146813A)	5,300.29	418.06
11 68 13 00-0645	EA	4'-High, Vertical Pipe Climber (Direct Bury Only) (Landscape Structures® 100040A)	1,124.12	104.51
11 68 13 00-0646	EA	6'-High, Vertical Pipe Climber (Direct Bury Only) (Landscape Structures® 100040B)	1,215.46	104.51
11 68 13 00-0647	EA	Arch Belt Swing, 2-Place, TenderTuff-coated Chain (Landscape Structures® 100050A)	5,128.81	557.40
11 68 13 00-0648	EA	Arch Belt Swing, 2-Place, Uncoated Chain (Landscape Structures® 100050C)	4,975.36	557.40
11 68 13 00-0649	EA	Arch Swing, Additional 2 PL Bay, TenderTuff-coated Chain (Landscape Structures® 111579A)	3,221.15	278.70
11 68 13 00-0650	EA	Arch Swing, Additional 2 PL Bay, Uncoated Chain (Landscape Structures® 111579C)	3,067.70	278.70
11 68 13 00-0651	EA	Single Post Swing, 2-Place, Uncoated Chain (Landscape Structures® 122837A)	2,660.56	418.06
11 68 13 00-0652	EA	Single Post Swing, 2-Place, TenderTuff-coated Chain (Landscape Structures® 122837B)	2,814.01	418.06
11 68 13 00-0653	EA	Single Post Swing, Additional 2 PL Bay, Uncoated Chain (Landscape Structures® 122838A)	1,901.16	209.03
11 68 13 00-0654	EA	Single Post Swing, Additional 2 PL Bay, TenderTuff-coated Chain (Landscape Structures® 122838B)	2,054.61	209.03
11 68 13 00-0655	EA	Single Post Swing, 2-Place, Anti-Wrap Hangers, Uncoated Chain (Landscape Structures® 140769A)	3,053.32	418.06
11 68 13 00-0656	EA	Single Post Swing, 2-Place, Anti-Wrap Hangers, TenderTuff-coated Chain (Landscape Structures® 140769B)	3,206.77	418.06
11 68 13 00-0657	EA	Single Post Swing, Additional 2 PL Bay, Anti-Wrap Hangers, Uncoated Chain (Landscape Structures® 140770A)	2,293.92	209.03
11 68 13 00-0658	EA	Single Post Swing, Additional 2 PL Bay, Anti-Wrap Hangers, TenderTuff-coated Chain (Landscape Structures® 140770B)	2,447.37	209.03
11 68 13 00-0659	EA	Toddler Swing Add-On, With (1) Full-Bucket Seat, Without Post (Landscape Structures® 151852A)	1,148.27	69.68
11 68 13 00-0660	EA	Arch Tire Swing, TenderTuff-coated Chain (Landscape Structures® 120891A)	5,870.49	557.40
11 68 13 00-0661	EA	Additional Bay, Arch Tire Swing, TenderTuff-coated Chain (Landscape Structures® 139188A)	4,099.84	278.70
11 68 13 00-0662	EA	4-Post Tire Swing, TenderTuff-coated Chain, (4) Posts With Crossovers, Steel Beam And Posts (Landscape Structures® 120892B)	5,340.72	557.40
11 68 13 00-0663	EA	Additional Bay, 4-Post Tire Swing, TenderTuff-coated Chain, (2) Posts With Crossover, Steel Beam And Posts (Landscape Structures® 141458B)	3,442.19	278.70
11 68 13 00-0664	EA	Toddler Swing, With (2) Full-Bucket Seats (Landscape Structures® 117962B)	2,656.67	278.70
11 68 13 00-0665	EA	Curved Balance Beam (Landscape Structures® 100041A)	1,122.50	92.90
11 68 13 00-0666	EA	Drop Shot, (Direct Bury Only) (Landscape Structures® 100042A)	1,989.23	174.18
11 68 13 00-0667	EA	Basketball Outfit, 6' Offset, Fan Permalene Backboard, Chain Net (Landscape Structures® 116947A)	4,227.72	278.70
11 68 13 00-0668	EA	Basketball Outfit, 6' Offset, Rectangular Permalene Backboard, Chain Net (Landscape Structures® 116947B)	4,720.95	278.70
11 68 13 00-0669	EA	Basketball Outfit, 6' Offset, Fan Permalene Backboard, Nylon Net (Landscape Structures® 116947C)	4,218.58	278.70
11 68 13 00-0670	EA	Basketball Outfit, 6' Offset, Rectangular Permalene Backboard, Nylon Net (Landscape Structures® 116947D)	4,711.82	278.70
11 68 13 00-0671	EA	FitCore Outdoor Fitness Equipment With Aluminum Posts, (Direct Bury Only) (Landscape Structures® 123722A)	21,023.62	2,508.30
11 68 13 00-0672	EA	FitCore Outdoor Fitness Equipment With Steel Posts, (Direct Bury Only) (Landscape Structures® 123722B)	20,420.77	2,508.30
11 68 13 00-0673	EA	Fitness Cluster With Steel Posts (Landscape Structures® 120874B)	13,208.89	1,672.20
11 68 13 00-0674	EA	Fitness Cluster With Aluminum Posts (Landscape Structures® 120874A)	13,464.65	1,672.20
11 68 13 00-0675	EA	Aluminum Posts, Climbing Wall (Landscape Structures® 153354A)	2,967.23	278.70
11 68 13 00-0676	EA	Steel Posts, Climbing Wall (Landscape Structures® 153354B)	2,875.89	278.70
11 68 13 00-0677	EA	30" Galvanized Stake, TuffTimber Edgers (Landscape Structures® 100626A)	27.14	11.61
11 68 13 00-0678	EA	TuffTimber, 4' Length, TuffTimber Edgers, Black Only (Landscape Structures® 119214A)	85.34	11.61
11 68 13 00-0679	EA	TuffTimbers Access Wedge, TuffTimber Edgers, Black Only (Landscape Structures® 130799A)	1,061.17	23.23
11 68 13 00-0680	EA	Age Appropriate Fitness Sign, Ages 12 And Over (Landscape Structures® 114483A)	587.83	34.83
11 68 13 00-0681	EA	Age Appropriate Fitness Sign, Ages 5 to 12 (Landscape Structures® 114484A)	587.83	34.83
11 68 13 00-0682	EA	Accessible Playground Sign, With 2-3/8" Post (Landscape Structures® 100103A)	551.30	34.83
11 68 13 00-0683	EA	Age Appropriate Sign, With PlayShaper Posts, Optional Name* (Landscape Structures® 100104A)	1,126.74	34.83
11 68 13 00-0684	EA	Age Appropriate Sign, With PlayShaper Posts, 2 - 5 Years* (Landscape Structures® 100105A)	953.19	34.83
11 68 13 00-0685	EA	Age Appropriate Sign, With PlayShaper Posts, 5 - 12 Years* (Landscape Structures® 100106A)	953.19	34.83
11 68 13 00-0686	EA	Flat Molded Seat, Swing Accessories (Excludes Chain) (Landscape Structures® 100052A)	321.32	23.23
11 68 13 00-0687	EA	Molded Bucket Seat (Specify Color), Swing Accessories (Excludes Chain) (Landscape Structures® 100054A)	801.18	69.68
11 68 13 00-0688	EA	Full-Bucket Seat, Swing Accessories (Excludes Chain) (Landscape Structures® 100055A)	414.29	34.83
11 68 13 00-0689	EA	Half-Bucket Seat, Swing Accessories (Excludes Chain) (Landscape Structures® 112228A)	396.02	34.83

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 13 00-0690	EA	Slash-Proof Belt Seat, Swing Accessories (Landscape Structures® 132385A)	129.50	23.23
11 68 13 00-0691	EA	Seat Strap for Molded Bucket Seat, Swing Accessories (Excludes Chain) (Landscape Structures® 111416A)	122.20	23.23
11 68 13 00-0692	LF	TuffTurf Geotextile Fabric, (12 1/2' Wide Roll), Order an Additional 20% for Overlap/Waste, per LF (Landscape Structures® 109694A)	10.82	3.48
11 68 13 00-0693	EA	TuffTurf Adhesive 10.6 oz. Tube, (Approximate Coverage: 3 Tiles per Tube) (Landscape Structures® 114513A)	13.24	
11 68 13 00-0694	EA	Rider, Direct Bury Leg, Concrete, (Direct Bury Only) (Landscape Structures® 115381A)	304.68	34.83
11 68 13 00-0695	EA	Mesh SanDirect Buryox Cover, 4' Square (Landscape Structures® 120530A)	102.10	17.42
11 68 13 00-0696	EA	Mesh SanDirect Buryox Cover, 8' Square (Landscape Structures® 120530B)	350.35	34.83
11 68 13 00-0697	EA	Mesh SanDirect Buryox Cover, 8' L-Shaped (Landscape Structures® 120530C)	295.54	34.83
11 68 13 00-0698	EA	4-Post Tire Swing, TenderTuff-coated Chain, (4) Posts With Crossovers, Steel Beam And Aluminum Posts (Landscape Structures® 120892A)	5,058.91	278.70
11 68 13 00-0699	EA	TuffTurf Tiles - 3' x 3' x 1-1/2", Square (Landscape Structures® 122868A)	184.31	17.42
11 68 13 00-0700	EA	TuffTurf Tiles - 3' x 3' x 1-1/2", 1-Bevel (Landscape Structures® 122868B)	184.31	17.42
11 68 13 00-0701	EA	TuffTurf Tiles - 3' x 3' x 1-1/2", 2-Bevel (Landscape Structures® 122868C)	184.31	17.42
11 68 13 00-0702	EA	TuffTurf Tiles - 3' x 3' x 1-1/2", 3-Bevel (Landscape Structures® 122868D)	184.31	17.42
11 68 13 00-0703	EA	TuffTurf Tiles - 3' x 3' x 1-1/2", 4-Bevel (Landscape Structures® 122868E)	184.31	17.42
11 68 13 00-0704	EA	TuffTurf Tiles - 3' x 3' x 1-1/2", Corner Bevel (Landscape Structures® 122868F)	184.31	17.42
11 68 13 00-0705	EA	Rider, 4-Bevel TuffTurf Tile, With Hole, For TuffRiders And Whimsy Riders * (Landscape Structures® 122869A)	193.44	17.42
11 68 13 00-0706	EA	1-Place, Surge Swing, Uncoated Chain (Landscape Structures® 127680A)	2,616.22	139.35
11 68 13 00-0707	EA	1-Place, Surge Swing, TenderTuff-coated Chain (Landscape Structures® 127680B)	2,692.95	139.35
11 68 13 00-0708	EA	TuffTurf Adhesive 1 Gallon (Approximate Coverage: 15 Tiles per Gallon) (Landscape Structures® 128036A)	91.34	
11 68 13 00-0709	EA	1-Place, Surge Swing, Anti-Wrap Hangers, Uncoated Chain (Landscape Structures® 139910A)	2,808.04	139.35
11 68 13 00-0710	EA	1-Place, Surge Swing, Anti-Wrap Hangers, TenderTuff-coated Chain (Landscape Structures® 139910B)	2,884.76	139.35
11 68 13 00-0711	EA	Additional Bay, 4-Post Tire Swing, TenderTuff-coated Chain, (2) Posts With Crossover, Steel Beam And Aluminum Posts (Landscape Structures® 141458A)	3,417.40	209.03
11 68 13 00-0712	EA	The Pinnacle Natural Climber (Landscape Structures® 156065A)	27,598.96	836.10
11 68 13 00-0713	EA	The Pointe Natural Climber (Landscape Structures® 156067A)	15,607.34	557.40
11 68 13 00-0714	EA	Hemisphere Climber With Single Arch, Independent Climber (Landscape Structures® 156435A)	15,607.34	557.40
11 68 13 00-0715	EA	5000 Series Swing, 8'-High Beam, 2-Place, Powdercoated Beam And Galvanized Legs, Uncoated Chain (Landscape Structures® 157107A)	2,141.26	139.35
11 68 13 00-0716	EA	5000 Series Swing, 8'-High Beam, 2-Place, Powdercoated Beam And Galvanized Legs, TenderTuff-coated Chain (Landscape Structures® 157107B)	2,294.71	139.35
11 68 13 00-0717	EA	5000 Series Swing, 8'-High Beam, 2-Place, Powdercoated Beam And Legs, Uncoated Chain (Landscape Structures® 157107C)	2,378.74	139.35
11 68 13 00-0718	EA	5000 Series Swing, 8'-High Beam, 2-Place, Powdercoated Beam And Legs, TenderTuff-coated Chain (Landscape Structures® 157107D)	2,532.19	139.35
11 68 13 00-0719	EA	5000 Series Swing, Additional 2 PL Bay, 8'-High Beam, Powdercoated Beam And Galvanized Legs, Uncoated Chain (Landscape Structures® 157108A)	1,230.48	69.68
11 68 13 00-0720	EA	5000 Series Swing, Additional 2 PL Bay, 8'-High Beam, Powdercoated Beam And Galvanized Legs, TenderTuff-coated Chain (Landscape Structures® 157108B)	1,383.93	69.68
11 68 13 00-0721	EA	5000 Series Swing, Additional 2 PL Bay, 8'-High Beam, Powdercoated Beam And Legs, Uncoated Chain (Landscape Structures® 157108C)	1,312.68	69.68
11 68 13 00-0722	EA	5000 Series Swing, Additional 2 PL Bay, 8'-High Beam, Powdercoated Beam And Legs, TenderTuff-coated Chain (Landscape Structures® 157108D)	1,466.14	69.68
11 68 13 00-0723	EA	5000 Series Swing, 10'-High Beam, 2-Place, Powdercoated Beam And Galvanized Legs, Uncoated Chain (Landscape Structures® 157109A)	2,232.60	139.35
11 68 13 00-0724	EA	5000 Series Swing, 10'-High Beam, 2-Place, Powdercoated Beam And Galvanized Legs, TenderTuff-coated Chain (Landscape Structures® 157109B)	2,466.43	139.35
11 68 13 00-0725	EA	5000 Series Swing, 10'-High Beam, 2-Place, Powdercoated Beam And Legs, Uncoated Chain (Landscape Structures® 157109C)	2,470.08	139.35
11 68 13 00-0726	EA	5000 Series Swing, 10'-High Beam, 2-Place, Powdercoated Beam And Legs, TenderTuff-coated Chain (Landscape Structures® 157109D)	2,703.91	139.35
11 68 13 00-0727	EA	5000 Series Swing, Additional 2 PL Bay, 10'-High Beam, Powdercoated Beam And Galvanized Legs, Uncoated Chain (Landscape Structures® 157110A)	1,303.55	69.68
11 68 13 00-0728	EA	5000 Series Swing, Additional 2 PL Bay, 10'-High Beam, Powdercoated Beam And Galvanized Legs, TenderTuff-coated Chain (Landscape Structures® 157110B)	1,653.50	139.35
11 68 13 00-0729	EA	5000 Series Swing, Additional 2 PL Bay, 10'-High Beam, Powdercoated Beam And Legs, Uncoated Chain (Landscape Structures® 157110C)	1,385.76	69.68
11 68 13 00-0730	EA	5000 Series Swing, Additional 2 PL Bay, 10'-High Beam, Powdercoated Beam And Legs, TenderTuff-coated Chain (Landscape Structures® 157110D)	1,735.71	139.35
11 68 13 00-0731	EA	5000 Series Swing, 8'-High Beam, 2-Place, Anti-Wrap Hangers, Powdercoated Beam And Galvanized Legs, Uncoated Chain (Landscape Structures® 157111A)	2,323.94	139.35
11 68 13 00-0732	EA	5000 Series Swing, 8'-High Beam, 2-Place, Anti-Wrap Hangers, Powdercoated Beam And Galvanized Legs, TenderTuff-coated Chain (Landscape Structures® 157111B)	2,477.39	139.35
11 68 13 00-0733	EA	5000 Series Swing, 8'-High Beam, 2-Place, Anti-Wrap Hangers, Powdercoated Beam And Legs, Uncoated Chain (Landscape Structures® 157111C)	2,561.42	139.35
11 68 13 00-0734	EA	5000 Series Swing, 8'-High Beam, 2-Place, Anti-Wrap Hangers, Powdercoated Beam And Legs, TenderTuff-coated Chain (Landscape Structures® 157111D)	2,714.87	139.35
11 68 13 00-0735	EA	5000 Series Swing, Additional 2 PL Bay, 8'-High Beam, Anti-Wrap Hangers, Powdercoated Beam And Galvanized Legs, Uncoated Chain (Landscape Structures® 157112A)	1,404.02	69.68
11 68 13 00-0736	EA	5000 Series Swing, Additional 2 PL Bay, 8'-High Beam, Anti-Wrap Hangers, Powdercoated Beam And Galvanized Legs, TenderTuff-coated Chain (Landscape Structures® 157112B)	1,673.60	139.35
11 68 13 00-0737	EA	5000 Series Swing, Additional 2 PL Bay, 8'-High Beam, Anti-Wrap Hangers, Powdercoated Beam And Legs, Uncoated Chain (Landscape Structures® 157112C)	1,486.23	69.68
11 68 13 00-0738	EA	5000 Series Swing, Additional 2 PL Bay, 8'-High Beam, Anti-Wrap Hangers, Powdercoated Beam And Legs, TenderTuff-coated Chain (Landscape Structures® 157112D)	1,755.80	139.35
11 68 13 00-0739	EA	5000 Series Swing, 10'-High Beam, 2-Place, Anti-Wrap Hangers, Powdercoated Beam And Galvanized Legs, Uncoated Chain (Landscape Structures® 157113A)	2,415.28	139.35
11 68 13 00-0740	EA	5000 Series Swing, 10'-High Beam, 2-Place, Anti-Wrap Hangers, Powdercoated Beam And Galvanized Legs, TenderTuff-coated Chain (Landscape Structures® 157113B)	2,649.11	139.35
11 68 13 00-0741	EA	5000 Series Swing, 10'-High Beam, 2-Place, Anti-Wrap Hangers, Powdercoated Beam And Legs, Uncoated Chain (Landscape Structures® 157113C)	2,652.76	139.35

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11 68 13 00-0742	EA	5000 Series Swing, 10'-High Beam, 2-Place, Anti-Wrap Hangers, Powdercoated Beam And Legs, TenderTuff-coated Chain (Landscape Structures® 157113D)	2,886.59	139.35
11 68 13 00-0743	EA	5000 Series Swing, Additional 2 PL Bay, 10'-High Beam, Anti-Wrap Hangers, Powdercoated Beam And Galvanized Legs, Uncoated Chain (Landscape Structures® 157114A)	1,486.23	69.68
11 68 13 00-0744	EA	5000 Series Swing, Additional 2 PL Bay, 10'-High Beam, Anti-Wrap Hangers, Powdercoated Beam And Galvanized Legs, TenderTuff-coated Chain (Landscape Structures® 157114B)	1,836.18	139.35
11 68 13 00-0745	EA	5000 Series Swing, Additional 2 PL Bay, 10'-High Beam, Anti-Wrap Hangers, Powdercoated Beam And Legs, Uncoated Chain (Landscape Structures® 157114C)	1,684.56	139.35
11 68 13 00-0746	EA	5000 Series Swing, Additional 2 PL Bay, 10'-High Beam, Anti-Wrap Hangers, Powdercoated Beam And Legs, TenderTuff-coated Chain (Landscape Structures® 157114D)	1,918.39	139.35
11 68 13 00-0747	EA	Motorcycle TuffRiders, With Torsion Spring, Surface Mount (Landscape Structures® 157286A)	2,141.26	139.35
11 68 13 00-0748	EA	Motorcycle TuffRiders, With Torsion Spring, Direct Bury (Landscape Structures® 157286B)	2,378.74	139.35
11 68 13 00-0749	EA	T-Rex TuffRiders, With Torsion Spring, Surface Mount (Landscape Structures® 157287A)	1,812.43	139.35
11 68 13 00-0750	EA	T-Rex TuffRiders, With Torsion Spring, Direct Bury (Landscape Structures® 157287B)	2,059.05	139.35
11 68 13 00-0751	EA	Bird TuffRiders, With Torsion Spring, Surface Mount (Landscape Structures® 157288A)	1,830.70	139.35
11 68 13 00-0752	EA	Bird TuffRiders, With Torsion Spring, Direct Bury (Landscape Structures® 157288B)	2,077.32	139.35
11 68 13 00-0753	EA	Horse TuffRiders, With Torsion Spring, Surface Mount (Landscape Structures® 157289A)	1,812.43	139.35
11 68 13 00-0754	EA	Horse TuffRiders, With Torsion Spring, Direct Bury (Landscape Structures® 157289B)	2,059.05	139.35
11 68 13 00-0755	EA	Car TuffRiders, With Torsion Spring, Surface Mount (Landscape Structures® 157290A)	2,141.26	139.35
11 68 13 00-0756	EA	Car TuffRiders, With Torsion Spring, Direct Bury (Landscape Structures® 157290B)	2,378.74	139.35
11 68 13 00-0757	EA	Zebra Whimsy Riders, With Torsion Spring, Surface Mount (Landscape Structures® 157291A)	1,967.71	139.35
11 68 13 00-0758	EA	Zebra Whimsy Riders, With Torsion Spring, Direct Bury (Landscape Structures® 157291B)	2,186.93	139.35
11 68 13 00-0759	EA	Sea Horse Whimsy Riders, With Torsion Spring, Surface Mount (Landscape Structures® 157292A)	2,077.32	139.35
11 68 13 00-0760	EA	Sea Horse Whimsy Riders, With Torsion Spring, Direct Bury (Landscape Structures® 157292B)	2,314.80	139.35
11 68 13 00-0761	EA	Dolphin Whimsy Riders, With Torsion Spring, SM (Landscape Structures® 157293A)	1,995.11	139.35
11 68 13 00-0762	EA	Dolphin Whimsy Riders, With Torsion Spring, Direct Bury (Landscape Structures® 157293B)	2,223.46	139.35
11 68 13 00-0763	EA	Kids In Motion, Wobble Pod Bouncer, (Direct Bury Only) (Landscape Structures® 158105A)	2,068.18	139.35
11 68 13 00-0764	EA	Chatter Noodle Kit, (2) Noodle Posts And Tubing, (Direct Bury Only) (Landscape Structures® 158106A)	2,853.71	139.35
11 68 13 00-0765	EA	8" Pod, Noodle Pod Steps With One E-Pod Step, (Direct Bury Only) (Landscape Structures® 158108A)	1,404.02	69.68
11 68 13 00-0766	EA	16" Pod, Noodle Pod Steps With One E-Pod Step, (Direct Bury Only) (Landscape Structures® 158108B)	1,413.16	69.68
11 68 13 00-0767	EA	24" Pod, Noodle Pod Steps With One E-Pod Step, (Direct Bury Only) (Landscape Structures® 158108C)	1,422.29	69.68
11 68 13 00-0768	EA	Single, Starburst Climber (Direct Bury Only) (Landscape Structures® 158426A)	2,561.42	139.35
11 68 13 00-0769	EA	Double, Starburst Climber (Direct Bury Only) (Landscape Structures® 158426B)	4,403.88	209.03
11 68 13 00-0770	EA	Triple, Starburst Climber (Direct Bury Only) (Landscape Structures® 158426C)	6,648.23	278.70
11 68 13 00-0771	EA	Quadruple, Starburst Climber (Direct Bury Only) (Landscape Structures® 158426D)	8,289.72	348.38
11 68 13 00-0772	EA	10", Pod Climber, One Pod Only (Landscape Structures® 158997A)	414.29	34.83
11 68 13 00-0773	EA	20", Pod Climber, One Pod Only (Landscape Structures® 158998A)	432.55	34.83
11 68 13 00-0774	EA	CoolToppers Shade System, Super Pyramid, 30' x 30', 13'-9" Entrance Height, (Direct Bury Only) (Landscape Structures® 159873A)	14,511.26	557.40
11 68 13 00-0775	EA	CoolToppers Shade System, Pyramid, 18' x 18', 8' Entrance Height, (Direct Bury Only) (Landscape Structures® 159881A)	7,671.24	278.70
11 68 13 00-0776	EA	CoolToppers Shade System, Pyramid, 18' x 18', 10' Entrance Height, (Direct Bury Only) (Landscape Structures® 159881B)	7,924.36	348.38
11 68 13 00-0777	EA	CoolToppers Shade System, Pyramid, 18' x 18', 12' Entrance Height, (Direct Bury Only) (Landscape Structures® 159881C)	8,052.23	348.38
11 68 13 00-0778	EA	CoolToppers Shade System, Pyramid, 24' x 24', 8' Entrance Height, (Direct Bury Only) (Landscape Structures® 159882A)	9,787.69	348.38
11 68 13 00-0779	EA	CoolToppers Shade System, Pyramid, 24' x 24', 10' Entrance Height, (Direct Bury Only) (Landscape Structures® 159882B)	9,915.57	348.38
11 68 13 00-0780	EA	CoolToppers Shade System, Pyramid, 24' x 24', 12' Entrance Height, (Direct Bury Only) (Landscape Structures® 159882C)	10,061.71	348.38
11 68 13 00-0781	EA	CoolToppers Shade System, Pyramid, 28' x 28', 8' Entrance Height, (Direct Bury Only) (Landscape Structures® 159883A)	12,433.94	418.06
11 68 13 00-0782	EA	CoolToppers Shade System, Pyramid, 28' x 28', 10' Entrance Height, (Direct Bury Only) (Landscape Structures® 159883B)	12,580.08	418.06
11 68 13 00-0783	EA	CoolToppers Shade System, Pyramid, 28' x 28', 12' Entrance Height, (Direct Bury Only) (Landscape Structures® 159883C)	12,717.09	418.06
11 68 13 00-0784	EA	Stationary Cycler, Pedals Only, With Grab Bar, With Aluminum Posts (Landscape Structures® 160055A)	2,342.20	139.35
11 68 13 00-0785	EA	Stationary Cycler, Handles Only, With Aluminum Posts (Landscape Structures® 160055B)	2,022.51	139.35
11 68 13 00-0786	EA	Stationary Cycler, Pedals And Handles, With Aluminum Posts (Landscape Structures® 160055C)	2,917.65	139.35
11 68 13 00-0787	EA	Stationary Cycler, Handles Only, Accessible, With Aluminum Posts (Landscape Structures® 160055D)	2,022.51	139.35
11 68 13 00-0788	EA	Stationary Cycler, Pedals Only, With Grab Bar, With Steel Posts (Landscape Structures® 160055E)	2,287.40	139.35
11 68 13 00-0789	EA	Stationary Cycler, Handles Only, With Steel Posts (Landscape Structures® 160055F)	1,967.71	139.35
11 68 13 00-0790	EA	Stationary Cycler, Pedals And Handles, With Steel Posts (Landscape Structures® 160055G)	2,862.84	139.35
11 68 13 00-0791	EA	Stationary Cycler, Handles Only, Accessible, With Steel Posts (Landscape Structures® 160055H)	1,967.71	139.35
11 68 13 00-0792	EA	Single, Gyro Twister Spinner, Aluminum Posts (Landscape Structures® 160315A)	3,426.54	209.03
11 68 13 00-0793	EA	Single, Gyro Twister Spinner, Steel Posts (Landscape Structures® 160315B)	3,371.73	209.03
11 68 13 00-0794	EA	Double, Gyro Twister Spinner, Aluminum Posts (Landscape Structures® 160316A)	5,871.84	278.70
11 68 13 00-0795	EA	Double, Gyro Twister Spinner, Steel Posts (Landscape Structures® 160316B)	5,817.03	278.70
11 68 13 00-0796	EA	The Peak Natural Climber (Landscape Structures® 160418A)	8,490.66	348.38
11 68 13 00-0797	EA	The Stepper Natural Climbing Stone (Landscape Structures® 160419A)	4,303.40	209.03
11 68 13 00-0798	EA	Double Escalator Climber, Independent Climber, Steel Posts, (Direct Bury Only) (Landscape Structures® 160692A)	10,518.41	348.38
11 68 13 00-0799	EA	HealthBeat Outdoor Fitness System, Chest/Back Press, Direct Bury (Landscape Structures® 161309A)	7,762.58	278.70
11 68 13 00-0800	EA	HealthBeat Outdoor Fitness System, Chest/Back Press, Surface Mount (Landscape Structures® 161309B)	7,360.68	278.70
11 68 13 00-0801	EA	HealthBeat Outdoor Fitness System, Squat Press, Direct Bury (Landscape Structures® 161310A)	7,762.58	278.70
11 68 13 00-0802	EA	HealthBeat Outdoor Fitness System, Squat Press, Surface Mount (Landscape Structures® 161310B)	7,360.68	278.70
11 68 13 00-0803	EA	HealthBeat Outdoor Fitness System, Tai Chi Wheels, Direct Bury (Landscape Structures® 161311A)	4,202.93	209.03
11 68 13 00-0804	EA	HealthBeat Outdoor Fitness System, Tai Chi Wheels, Surface Mount (Landscape Structures® 161311B)	3,791.90	209.03
11 68 13 00-0805	EA	HealthBeat Outdoor Fitness System, Cardio Stepper, Direct Bury (Landscape Structures® 161312A)	9,705.49	348.38
11 68 13 00-0806	EA	HealthBeat Outdoor Fitness System, Cardio Stepper, Surface Mount (Landscape Structures® 161312B)	9,303.59	348.38
11 68 13 00-0807	EA	HealthBeat Outdoor Fitness System, Pull-Up/Dip, Direct Bury (Landscape Structures® 161313A)	3,791.90	209.03

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 13 00-0808	EA	HealthBeat Outdoor Fitness System, Pull-Up/Dip, Surface Mount (Landscape Structures® 161313B)	3,390.00	209.03
11 68 13 00-0809	EA	HealthBeat Outdoor Fitness System, Ab Crunch/Leg Lift, Direct Bury (Landscape Structures®161314A)	3,691.42	209.03
11 68 13 00-0810	EA	HealthBeat Outdoor Fitness System, Ab Crunch/Leg Lift, Surface Mount (Landscape Structures® 161314B)	3,390.00	209.03
11 68 13 00-0811	EA	HealthBeat Outdoor Fitness System, Balance Steps, Direct Bury (Landscape Structures® 161315A)	4,403.88	209.03
11 68 13 00-0812	EA	HealthBeat Outdoor Fitness System, Balance Steps, Surface Mount (Landscape Structures® 161315B)	4,604.82	209.03
11 68 13 00-0813	EA	HealthBeat Outdoor Fitness System, Assisted RoWith Push-Up, Direct Bury (Landscape Structures® 161316A)	3,490.48	209.03
11 68 13 00-0814	EA	HealthBeat Outdoor Fitness System, Assisted RoWith Push-Up, Surface Mount (Landscape Structures® 161316B)	3,390.00	209.03
11 68 13 00-0815	EA	HealthBeat Outdoor Fitness System, Plyometrics, Direct Bury (Landscape Structures® 161317A)	4,403.88	209.03
11 68 13 00-0816	EA	HealthBeat Outdoor Fitness System, Plyometrics, Surface Mount (Landscape Structures® 161317B)	4,604.82	209.03
11 68 13 00-0817	EA	HealthBeat Outdoor Fitness System, Welcome Intro Sign, Direct Bury (Landscape Structures® 161437A)	1,648.02	139.35
11 68 13 00-0818	EA	HealthBeat Outdoor Fitness System, Welcome Intro Sign, Surface Mount (Landscape Structures® 161437B)	1,130.00	69.68
11 68 13 00-0819	EA	Global Releaf Sign With Frame (Landscape Structures® 162617A)	1,011.26	69.68
11 68 13 00-0820	EA	Single, Bobble Riders With Coil Spring, Surface Mount (Landscape Structures® 164074A)	1,303.55	69.68
11 68 13 00-0821	EA	Single, Bobble Riders With Coil Spring, Direct Bury (Landscape Structures® 164074B)	1,666.29	139.35
11 68 13 00-0822	EA	Double, Bobble Riders With Coil Spring, Surface Mount (Landscape Structures® 164075A)	2,515.75	139.35
11 68 13 00-0823	EA	Double, Bobble Riders With Coil Spring, Direct Bury (Landscape Structures® 164075B)	2,698.43	139.35
11 68 13 00-0824	EA	16" Pod, Noodle Pod Steps With Two E-Pod Steps, (Direct Bury Only) (Landscape Structures® 164157A)	1,931.17	139.35
11 68 13 00-0825	EA	24" Pod, Noodle Pod Steps With Two E-Pod Steps, (Direct Bury Only) (Landscape Structures® 164157B)	1,949.44	139.35
11 68 13 00-0826		**Playground Equipment (Landscape Structures® PlayBooster®)** *(11 68 13 00-0356)*		
11 68 13 00-0827	EA	116" Aluminum Posts, End Vertical Ladder (Landscape Structures® PlayBooster® 111273A)	1,803.30	139.35
11 68 13 00-0828	EA	Log Roll, (1) Aluminum Post, Tan Log Only (Landscape Structures® PlayBooster® 111356A)	1,931.17	139.35
11 68 13 00-0829	EA	Chinning Bar, (1) Aluminum Post (Landscape Structures® PlayBooster® 111357A)	773.78	69.68
11 68 13 00-0830	EA	Turning Bar, (1) Aluminum Post (Landscape Structures® PlayBooster® 111357B)	737.24	69.68
11 68 13 00-0831	EA	182"/72" Deck, Posts For Roofs (Landscape Structures® PlayBooster® 111403A)	587.83	34.83
11 68 13 00-0832	EA	174"/64" Deck, Posts For Roofs (Landscape Structures® PlayBooster® 111403B)	578.70	34.83
11 68 13 00-0833	EA	166"/56" Deck, Posts For Roofs (Landscape Structures® PlayBooster® 111403C)	551.30	34.83
11 68 13 00-0834	EA	158"/48" Deck, Posts For Roofs (Landscape Structures® PlayBooster® 111403D)	542.16	34.83
11 68 13 00-0835	EA	150"/40" Deck, Posts For Roofs (Landscape Structures® PlayBooster® 111403E)	514.76	34.83
11 68 13 00-0836	EA	142"/32" Deck, Posts For Roofs (Landscape Structures® PlayBooster® 111403F)	505.63	34.83
11 68 13 00-0837	EA	134"/24" Deck, Posts For Roofs (Landscape Structures® PlayBooster® 111403G)	487.36	34.83
11 68 13 00-0838	EA	126"/16" Deck, Posts For Roofs (Landscape Structures® PlayBooster® 111403H)	478.22	34.83
11 68 13 00-0839	EA	118"/8" Deck, Posts For Roofs (Landscape Structures® PlayBooster® 111403I)	450.82	34.83
11 68 13 00-0840	EA	110"/Ground Level, Posts For Roofs (Landscape Structures® PlayBooster® 111403J)	441.69	34.83
11 68 13 00-0841	EA	148"/72" Deck, Posts For Decks (Landscape Structures® PlayBooster® 111404A)	514.76	34.83
11 68 13 00-0842	EA	140"/64" Deck, Posts For Decks (Landscape Structures® PlayBooster® 111404B)	496.49	34.83
11 68 13 00-0843	EA	132"/56" Deck, Posts For Decks (Landscape Structures® PlayBooster® 111404C)	487.36	34.83
11 68 13 00-0844	EA	124"/48" Deck, Posts For Decks (Landscape Structures® PlayBooster® 111404D)	478.22	34.83
11 68 13 00-0845	EA	116"/40" Deck, Posts For Decks (Landscape Structures® PlayBooster® 111404E)	450.82	34.83
11 68 13 00-0846	EA	108"/32" Deck, Posts For Decks (Landscape Structures® PlayBooster® 111404F)	441.69	34.83
11 68 13 00-0847	EA	100"/24" Deck, Posts For Decks (Landscape Structures® PlayBooster® 111404G)	432.55	34.83
11 68 13 00-0848	EA	92"/16" Deck, Posts For Decks (Landscape Structures® PlayBooster® 111404H)	414.29	34.83
11 68 13 00-0849	EA	84"/8" Deck, Posts For Decks (Landscape Structures® PlayBooster® 111404I)	396.02	34.83
11 68 13 00-0850	EA	76"/Ground Level, Posts For Decks (Landscape Structures® PlayBooster® 111404J)	368.62	34.83
11 68 13 00-0851	EA	106"/72" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 111405A)	728.11	69.68
11 68 13 00-0852	EA	98"/64" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 111405B)	700.71	69.68
11 68 13 00-0853	EA	90"/56" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 111405C)	673.30	69.68
11 68 13 00-0854	EA	82"/48" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 111405D)	596.97	34.83
11 68 13 00-0855	EA	74"/40" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 111405E)	587.83	34.83
11 68 13 00-0856	EA	66"/32" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 111405F)	569.56	34.83
11 68 13 00-0857	EA	58"/24" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 111405G)	542.16	34.83
11 68 13 00-0858	EA	50"/16" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 111405H)	533.03	34.83
11 68 13 00-0859	EA	42"/8" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 111405I)	514.76	34.83
11 68 13 00-0860	EA	ClouDirect Buryurst Triple Poly Slide, 64" - 72" Deck (Landscape Structures® PlayBooster® 144414A)	5,784.74	232.25
11 68 13 00-0861	EA	TurboTwister Tunnel Slide, 96" Deck, Excludes Posts (Landscape Structures® PlayBooster® 123763A)	7,502.87	627.07
11 68 13 00-0862	EA	Double Poly Slide, 32" Deck (Landscape Structures® PlayBooster® 123331A)	2,482.47	174.18
11 68 13 00-0863	EA	Double Poly Slide, 40" - 48" Deck (Landscape Structures® PlayBooster® 123331B)	2,747.36	174.18
11 68 13 00-0864	EA	Double Swoosh Poly Slide, 64" - 72" Deck (Landscape Structures® PlayBooster® 130390A)	3,189.05	209.03
11 68 13 00-0865	EA	40" Deck, El Slide (Landscape Structures® PlayBooster® 126368A)	3,881.60	197.41
11 68 13 00-0866	EA	48" Deck, El Slide (Landscape Structures® PlayBooster® 126368B)	4,422.14	209.03
11 68 13 00-0867	EA	56" Deck, El Slide (Landscape Structures® PlayBooster® 126368C)	4,677.90	209.03
11 68 13 00-0868	EA	64" Deck, El Slide (Landscape Structures® PlayBooster® 126368D)	5,236.70	232.25
11 68 13 00-0869	EA	72" Deck, El Slide (Landscape Structures® PlayBooster® 126368E)	5,483.32	232.25
11 68 13 00-0870	EA	96" Deck, El Slide, Excludes Posts (Landscape Structures® PlayBooster® 126368F)	7,334.90	301.93
11 68 13 00-0871	EA	Firepole With Permalene® Handholds 32" To 48" Deck (Landscape Structures® PlayBooster® 148426A)	1,154.78	139.35
11 68 13 00-0872	EA	Firepole With Permalene® Handholds 56" To 72" Deck (Landscape Structures® PlayBooster® 148426B)	1,182.19	139.35
11 68 13 00-0873	EA	Firepole With SteelX® Handholds 32" To 48" Deck (Landscape Structures® PlayBooster® 148435A)	1,556.68	139.35
11 68 13 00-0874	EA	Firepole With SteelX® Handholds 56" To 72" Deck (Landscape Structures® PlayBooster® 148435B)	1,602.35	139.35
11 68 13 00-0875	EA	32" Deck, Gemini SlideWinder2 (Landscape Structures® PlayBooster® 130800A)	5,875.73	418.06
11 68 13 00-0876	EA	40" Deck, Gemini SlideWinder2 (Landscape Structures® PlayBooster® 130800B)	6,770.86	418.06
11 68 13 00-0877	EA	48" Deck, Gemini SlideWinder2 (Landscape Structures® PlayBooster® 130800C)	7,291.50	418.06
11 68 13 00-0878	EA	56" Deck, Gemini SlideWinder2 (Landscape Structures® PlayBooster® 130800D)	8,619.83	557.40
11 68 13 00-0879	EA	64" Deck, Gemini SlideWinder2 (Landscape Structures® PlayBooster® 130800E)	8,829.91	557.40
11 68 13 00-0880	EA	72" Deck, Gemini SlideWinder2 (Landscape Structures® PlayBooster® 130800F)	10,309.62	557.40
11 68 13 00-0881	EA	96" Deck, Gemini SlideWinder2, Excludes Posts (Landscape Structures® PlayBooster® 130800G)	12,158.59	696.75
11 68 13 00-0882	EA	40" Deck, Rollerslide (Landscape Structures® PlayBooster® 123333A)	9,565.22	313.54
11 68 13 00-0883	EA	56" Deck, Rollerslide (Landscape Structures® PlayBooster® 123333B)	12,028.79	383.21
11 68 13 00-0884	EA	Single Poly Slide, 40" - 48" Deck (Landscape Structures® PlayBooster® 123337A)	2,113.85	139.35
11 68 13 00-0885	EA	32" Deck, SlideWinder2 (Landscape Structures® PlayBooster® 124863A)	2,805.43	209.03

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 13 00-0886	EA	40" Deck, SlideWinder2 (Landscape Structures® PlayBooster® 124863B)	3,125.12	209.03
11 68 13 00-0887	EA	48" Deck, SlideWinder2 (Landscape Structures® PlayBooster® 124863C)	3,481.34	209.03
11 68 13 00-0888	EA	56" Deck, SlideWinder2 (Landscape Structures® PlayBooster® 124863D)	3,953.70	278.70
11 68 13 00-0889	EA	64" Deck, SlideWinder2 (Landscape Structures® PlayBooster® 124863E)	4,118.11	278.70
11 68 13 00-0890	EA	72" Deck, SlideWinder2 (Landscape Structures® PlayBooster® 124863F)	4,702.69	278.70
11 68 13 00-0891	EA	96" Deck, SlideWinder2, Excludes Posts (Landscape Structures® PlayBooster® 124863G)	5,622.59	348.38
11 68 13 00-0892	EA	72" Deck, SpyroSlide (Landscape Structures® PlayBooster® 122033A)	8,369.95	522.56
11 68 13 00-0893	EA	72" Slide, With Hanger Bracket, 64" Deck, SpyroSlide (Landscape Structures® PlayBooster® 122033B)	8,684.76	476.11
11 68 13 00-0894	EA	56" Deck, SpyroSlide (Landscape Structures® PlayBooster® 122033C)	7,602.70	522.56
11 68 13 00-0895	EA	56" Slide, With Hanger Bracket, 48" Deck, SpyroSlide (Landscape Structures® PlayBooster® 122033D)	7,890.10	476.11
11 68 13 00-0896	EA	32" - 40" Deck, Stainless Steel Slide (Landscape Structures® PlayBooster® 123340A)	3,003.11	174.18
11 68 13 00-0897	EA	48" - 56" Deck, Stainless Steel Slide (Landscape Structures® PlayBooster® 123340B)	3,267.99	174.18
11 68 13 00-0898	EA	64" - 72" Deck, Stainless Steel Slide (Landscape Structures® PlayBooster® 123340C)	4,035.25	174.18
11 68 13 00-0899	EA	32" - 40" Deck, SteelX, Stainless Steel Slide (Landscape Structures® PlayBooster® 139945A)	3,322.80	174.18
11 68 13 00-0900	EA	48" - 56" Deck, SteelX, Stainless Steel Slide (Landscape Structures® PlayBooster® 139945B)	3,587.68	174.18
11 68 13 00-0901	EA	64" - 72" Deck, SteelX, Stainless Steel Slide (Landscape Structures® PlayBooster® 139945C)	4,373.21	174.18
11 68 13 00-0902	EA	32" Deck, Tunnel Slide (Landscape Structures® PlayBooster® 126367A)	3,386.74	174.18
11 68 13 00-0903	EA	40" Deck, Tunnel Slide (Landscape Structures® PlayBooster® 126367B)	3,587.68	174.18
11 68 13 00-0904	EA	48" Deck, Tunnel Slide (Landscape Structures® PlayBooster® 126367C)	4,128.22	197.41
11 68 13 00-0905	EA	56" Deck, Tunnel Slide (Landscape Structures® PlayBooster® 126367D)	4,367.34	209.03
11 68 13 00-0906	EA	64" Deck, Tunnel Slide (Landscape Structures® PlayBooster® 126367E)	4,878.84	209.03
11 68 13 00-0907	EA	72" Deck, Tunnel Slide (Landscape Structures® PlayBooster® 126367F)	5,052.39	209.03
11 68 13 00-0908	EA	96" Deck, Tunnel Slide, Excludes Posts (Landscape Structures® PlayBooster® 126367G)	6,666.50	278.70
11 68 13 00-0909	EA	Step Deck, 16" - 32" Decks, Brown Only (Landscape Structures® PlayBooster® 111465A)	1,212.21	69.68
11 68 13 00-0910	EA	Sky Rail Climber, 64" And 72" Decks, (64" Avail. For Direct Bury Only) (Landscape Structures® PlayBooster® 146812A)	2,137.99	104.51
11 68 13 00-0911	EA	Stepping Block Climber, 32" Deck Height Difference (Landscape Structures® PlayBooster® 130742A)	4,833.17	209.03
11 68 13 00-0912	EA	32" Deck, Block Climber (Landscape Structures® PlayBooster® 135344A)	3,130.00	267.09
11 68 13 00-0913	EA	40" Deck, Block Climber (Landscape Structures® PlayBooster® 135344B)	3,641.50	267.09
11 68 13 00-0914	EA	32" Deck, SteelX, Block Climber (Landscape Structures® PlayBooster® 139491A)	3,541.03	267.09
11 68 13 00-0915	EA	40" Deck, SteelX, Block Climber (Landscape Structures® PlayBooster® 139491B)	4,070.80	267.09
11 68 13 00-0916	EA	Fish Net Climber, CableCore Climbing Cable, 16" - 32" Deck (Landscape Structures® PlayBooster® 126194A)	3,835.93	197.41
11 68 13 00-0917	EA	Wavy Web Climber, 48" - 56" Deck (Landscape Structures® PlayBooster® 126273A)	3,764.50	209.03
11 68 13 00-0918	EA	Wavy Web Climber, 64" - 72" Deck (Landscape Structures® PlayBooster® 126273B)	4,038.52	209.03
11 68 13 00-0919	EA	Wavy Web Climber, 48" - 56" Deck, 90 Degree Tri-Deck (Landscape Structures® PlayBooster® 126442A)	4,531.75	209.03
11 68 13 00-0920	EA	Wavy Web Climber, 64" - 72" Deck, 90 Degree Tri-Deck (Landscape Structures® PlayBooster® 126442B)	4,796.64	209.03
11 68 13 00-0921	EA	Circus Ladder, CableCore Climbing Cable, 48" Deck (Landscape Structures® PlayBooster® 126272B)	1,837.22	209.03
11 68 13 00-0922	EA	Circus Ladder, CableCore Climbing Cable, 56" - 64" Deck (Landscape Structures® PlayBooster® 126272C)	1,937.70	209.03
11 68 13 00-0923	EA	Circus Ladder, CableCore Climbing Cable, 72" Deck (Landscape Structures® PlayBooster® 126272D)	2,065.57	209.03
11 68 13 00-0924	EA	Circus Ladder, CableCore Climbing Cable, 32" - 40" Deck, 90 Degree Tri-Deck (Landscape Structures® PlayBooster® 126441A)	2,494.87	209.03
11 68 13 00-0925	EA	Circus Ladder, CableCore Climbing Cable, 48" Deck, 90 Degree Tri-Deck (Landscape Structures® PlayBooster® 126441B)	2,595.34	209.03
11 68 13 00-0926	EA	Circus Ladder, CableCore Climbing Cable, 56" - 64" Deck, 90 Degree Tri-Deck (Landscape Structures® PlayBooster® 126441C)	2,723.22	209.03
11 68 13 00-0927	EA	Circus Ladder, CableCore Climbing Cable, 72" Deck, 90 Degree Tri-Deck (Landscape Structures® PlayBooster® 126441D)	2,823.69	209.03
11 68 13 00-0928	EA	Spider Web Climber, 16" - 32" Decks (Direct Bury Only) (Landscape Structures® PlayBooster® 136158A)	4,045.04	278.70
11 68 13 00-0929	EA	Chimney Climber, 56" - 64" Deck (Landscape Structures® PlayBooster® 153617A)	5,195.92	278.70
11 68 13 00-0930	EA	Chimney Climber, 72" Deck (Landscape Structures® PlayBooster® 153617B)	5,871.84	278.70
11 68 13 00-0931	EA	Chimney Climb Across, Straight, 72" To 72" Deck Or 64" To 64" Deck (Landscape Structures® PlayBooster® 155042A)	7,342.41	278.70
11 68 13 00-0932	EA	Chimney Climb Across, Straight, 56" To 56" Deck (Landscape Structures® PlayBooster® 155042B)	6,629.96	278.70
11 68 13 00-0933	EA	Chimney Climb Across, Straight, 48" To 48" Deck Or 40" To 40" Deck (Landscape Structures® PlayBooster® 155042C)	5,871.84	278.70
11 68 13 00-0934	EA	Chimney Climb Across, Straight, 32" To 32" Deck (Landscape Structures® PlayBooster® 155042D)	5,086.31	278.70
11 68 13 00-0935	EA	Chimney Climb Across, 24" Difference, 72" To 48" Deck Or 64" To 40" Deck (Landscape Structures® PlayBooster® 155043A)	7,068.39	278.70
11 68 13 00-0936	EA	Chimney Climb Across, 24" Difference, 56" To 32" Deck (Landscape Structures® PlayBooster® 155043B)	6,629.96	278.70
11 68 13 00-0937	EA	Chimney Climb Across, 24" Difference, 48" To 24" Deck (Landscape Structures® PlayBooster® 155043C)	6,191.53	278.70
11 68 13 00-0938	EA	48" - 56" Deck, Cascade Climber (Direct Bury Only) (Landscape Structures® PlayBooster® 150975A)	3,125.12	209.03
11 68 13 00-0939	EA	64" - 72" Deck, Cascade Climber (Direct Bury Only) (Landscape Structures® PlayBooster® 150975B)	4,047.65	209.03
11 68 13 00-0940	EA	24" Deck Height Difference, Catwalk Climber (Landscape Structures® PlayBooster® 128986A)	2,436.80	174.18
11 68 13 00-0941	EA	48" - 56" Deck, Centipede Climber (Landscape Structures® PlayBooster® 123291A)	2,088.08	162.58
11 68 13 00-0942	EA	48" - 56" Deck, 90 Degree Tri-Deck, Centipede Climber (Landscape Structures® PlayBooster® 126376A)	2,800.53	162.58
11 68 13 00-0943	EA	48" - 56" Deck, SteelX, Centipede Climber (Landscape Structures® PlayBooster® 139496A)	2,480.84	162.58
11 68 13 00-0944	EA	40" Deck, 90 Degree Tri-Deck, Chain Ladder (Landscape Structures® PlayBooster® 153352A)	2,208.45	174.18
11 68 13 00-0945	EA	48" - 56" Deck, 90 Degree Tri-Deck, Chain Ladder (Landscape Structures® PlayBooster® 153352B)	2,318.06	174.18
11 68 13 00-0946	EA	64" - 72" Deck, 90 Degree Tri-Deck, Chain Ladder (Landscape Structures® PlayBooster® 153352C)	2,409.40	174.18
11 68 13 00-0947	EA	40" Deck, Chain Ladder (Landscape Structures® PlayBooster® 153350A)	1,404.66	174.18
11 68 13 00-0948	EA	48" - 56" Deck, Chain Ladder (Landscape Structures® PlayBooster® 153350B)	1,477.73	174.18
11 68 13 00-0949	EA	64" - 72" Deck, Chain Ladder (Landscape Structures® PlayBooster® 153350C)	1,596.47	174.18
11 68 13 00-0950	EA	40" Deck, SteelX, Chain Ladder, Direct Bury (Landscape Structures® PlayBooster® 153351A)	1,797.42	174.18
11 68 13 00-0951	EA	48" - 56" Deck, SteelX, Chain Ladder, Direct Bury (Landscape Structures® PlayBooster® 153351B)	1,870.49	174.18
11 68 13 00-0952	EA	64" - 72" Deck, SteelX, Chain Ladder, Direct Bury (Landscape Structures® PlayBooster® 153351C)	1,970.97	174.18
11 68 13 00-0953	EA	48" Deck, Cliff Climber (Landscape Structures® PlayBooster® 122570A)	2,409.40	174.18
11 68 13 00-0954	EA	56" Deck, Cliff Climber (Landscape Structures® PlayBooster® 122570B)	2,427.67	174.18
11 68 13 00-0955	EA	64" Deck, Cliff Climber (Landscape Structures® PlayBooster® 122570C)	2,856.96	174.18
11 68 13 00-0956	EA	72" Deck, Cliff Climber (Landscape Structures® PlayBooster® 122570D)	2,875.23	174.18
11 68 13 00-0957	EA	48" Deck, SteelX, Cliff Climber (Landscape Structures® PlayBooster® 139501A)	2,793.03	174.18
11 68 13 00-0958	EA	56" Deck, SteelX, Cliff Climber (Landscape Structures® PlayBooster® 139501B)	2,838.70	174.18
11 68 13 00-0959	EA	64" Deck, SteelX, Cliff Climber (Landscape Structures® PlayBooster® 139501C)	3,267.99	174.18

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 13 00-0960	EA	72" Deck, SteelX, Cliff Climber (Landscape Structures® PlayBooster® 139501D)	3,295.40	174.18
11 68 13 00-0961	EA	72" Deck, Conical Climber (Landscape Structures® PlayBooster® 143199A)	5,466.68	243.86
11 68 13 00-0962	EA	40" Deck, Conical Climber (Landscape Structures® PlayBooster® 143199B)	4,480.20	243.86
11 68 13 00-0963	EA	32" - 48" Deck, Corkscrew Climber (Landscape Structures® PlayBooster® 148432A)	1,574.95	139.35
11 68 13 00-0964	EA	56" - 72" Deck, Corkscrew Climber (Landscape Structures® PlayBooster® 148432B)	1,775.90	139.35
11 68 13 00-0965	EA	32" - 48" Deck, SteelX, Corkscrew Climber (Landscape Structures® PlayBooster® 148437A)	1,976.84	139.35
11 68 13 00-0966	EA	56" - 72" Deck, SteelX, Corkscrew Climber (Landscape Structures® PlayBooster® 148437B)	2,232.60	139.35
11 68 13 00-0967	EA	64" - 72" Deck, Corner Climber (Landscape Structures® PlayBooster® 143198A)	5,345.31	313.54
11 68 13 00-0968	EA	SpaceLink Climber, Net Climber, 72" Deck, (Steel Posts Required, Direct Bury Only) (Landscape Structures® PlayBooster® 145106A)	7,335.24	104.51
11 68 13 00-0969	EA	Manta Ray Climber, Net Climber, 48" Deck, (Steel Posts Required, Direct Bury Only) (Landscape Structures® PlayBooster® 145108A)	7,287.61	278.70
11 68 13 00-0970	EA	Manta Ray Climber, Net Climber, 56" Deck, (Steel Posts Required, Direct Bury Only) (Landscape Structures® PlayBooster® 145108B)	7,287.61	278.70
11 68 13 00-0971	EA	Manta Ray Climber, 64" Deck, (Steel Posts Required, Direct Bury Only) (Landscape Structures® PlayBooster® 145108C)	7,287.61	278.70
11 68 13 00-0972	EA	SpaceLink Climber, Net Climber, 48" Deck, (Steel Posts Required, Direct Bury Only) (Landscape Structures® PlayBooster® 145240A)	7,335.24	104.51
11 68 13 00-0973	EA	Star Seeker Climber, Net Climber, 72" Deck (Attaches To Square Decks Only, Steel Posts Required, Direct Bury Only) (Landscape Structures® PlayBooster® 148039A)	4,634.84	139.35
11 68 13 00-0974	EA	SpaceWalk Climber, Net Climber, Deck-To-Deck, 32" - 48" Deck (Landscape Structures® PlayBooster® 145107A)	9,475.86	139.35
11 68 13 00-0975	EA	Funnel Climber, Net Climber (Landscape Structures® PlayBooster® 145109A)	5,250.07	174.18
11 68 13 00-0976	EA	Funnel Climber, Short Brace, Net Climber (Landscape Structures® PlayBooster® 145248A)	240.74	34.83
11 68 13 00-0977	EA	Funnel Climber, Long Brace, Net Climber (Landscape Structures® PlayBooster® 145249A)	277.28	34.83
11 68 13 00-0978	EA	Funnel Climber, Vertical Ladder, Net Climber (Landscape Structures® PlayBooster® 145250A)	1,035.40	34.83
11 68 13 00-0979	EA	Funnel Climber, Handhold Panels, Net Climber (Landscape Structures® PlayBooster® 145251A)	368.62	34.83
11 68 13 00-0980	EA	40" Deck, Cozy Climber (Landscape Structures® PlayBooster® 123293A)	3,271.26	209.03
11 68 13 00-0981	EA	48" Deck, Cozy Climber (Landscape Structures® PlayBooster® 123293B)	3,508.74	209.03
11 68 13 00-0982	EA	40" Deck, 90 Degree Tri-Deck, Cozy Climber (Landscape Structures® PlayBooster® 126374A)	3,673.16	209.03
11 68 13 00-0983	EA	48" Deck, 90 Degree Tri-Deck, Cozy Climber (Landscape Structures® PlayBooster® 126374B)	4,011.11	209.03
11 68 13 00-0984	EA	40" Deck, SteelX, Cozy Climber (Landscape Structures® PlayBooster® 139500A)	3,673.16	209.03
11 68 13 00-0985	EA	48" Deck, SteelX, Cozy Climber (Landscape Structures® PlayBooster® 139500B)	3,938.04	209.03
11 68 13 00-0986	EA	1-Step With Barrier, Deck Links (Landscape Structures® PlayBooster® 152907A)	1,836.57	104.51
11 68 13 00-0987	EA	2-Steps With Barrier, Deck Links (Landscape Structures® PlayBooster® 152907B)	2,603.82	104.51
11 68 13 00-0988	EA	3-Steps With Barrier, Deck Links (Landscape Structures® PlayBooster® 152907C)	3,380.21	104.51
11 68 13 00-0989	EA	4-Steps With Barrier, Deck Links (Landscape Structures® PlayBooster® 152907D)	4,147.47	104.51
11 68 13 00-0990	EA	1-Step With Handrail, Deck Links (Landscape Structures® PlayBooster® 152908A)	1,772.63	104.51
11 68 13 00-0991	EA	2-Steps With Handrail, Deck Links (Landscape Structures® PlayBooster® 152908B)	2,028.38	104.51
11 68 13 00-0992	EA	3-Steps With Handrail, Deck Links (Landscape Structures® PlayBooster® 152908C)	2,293.27	104.51
11 68 13 00-0993	EA	4-Steps With Handrail, Deck Links (Landscape Structures® PlayBooster® 152908D)	2,402.88	104.51
11 68 13 00-0994	EA	1-Step With Handrail, SteelX, Deck Links (Landscape Structures® PlayBooster® 152910A)	2,119.72	104.51
11 68 13 00-0995	EA	2-Steps With Handrail, SteelX, Deck Links (Landscape Structures® PlayBooster® 152910B)	2,393.74	104.51
11 68 13 00-0996	EA	3-Steps With Handrail, SteelX, Deck Links (Landscape Structures® PlayBooster® 152910C)	2,649.49	104.51
11 68 13 00-0997	EA	4-Steps With Handrail, SteelX, Deck Links (Landscape Structures® PlayBooster® 152910D)	2,905.25	104.51
11 68 13 00-0998	EA	48" To 48" Deck Or 56" To 56" Deck, Double Wave Climber (Landscape Structures® PlayBooster® 122916A)	5,019.11	243.86
11 68 13 00-0999	EA	64" To 64" Deck Or 72" To 72" Deck, Double Wave Climber (Landscape Structures® PlayBooster® 122916B)	5,146.99	243.86
11 68 13 00-1000	EA	48" To 64" Deck Or 56" To 72" Deck, Double Wave Climber (Landscape Structures® PlayBooster® 122916C)	5,073.91	243.86
11 68 13 00-1001	EA	48" To 48" Deck Or 56" To 56" Deck, SteelX, Double Wave Climber (Landscape Structures® PlayBooster® 139488A)	5,832.04	243.86
11 68 13 00-1002	EA	64" To 64" Deck Or 72" To 72" Deck, SteelX, Double Wave Climber (Landscape Structures® PlayBooster® 139488B)	5,959.91	243.86
11 68 13 00-1003	EA	48" To 64" Deck Or 56" To 72" Deck, SteelX, Double Wave Climber (Landscape Structures® PlayBooster® 139488C)	5,905.11	243.86
11 68 13 00-1004	EA	40" - 48" Deck, Loop Arch Climber (Landscape Structures® PlayBooster® 122914A)	1,952.70	174.18
11 68 13 00-1005	EA	56" Deck, Loop Arch Climber (Landscape Structures® PlayBooster® 122914B)	2,144.51	174.18
11 68 13 00-1006	EA	64" - 72" Deck, Loop Arch Climber (Landscape Structures® PlayBooster® 122914C)	2,345.46	174.18
11 68 13 00-1007	EA	40" - 48" Deck, 90 Degree Tri-Deck, Loop Arch Climber (Landscape Structures® PlayBooster® 125688A)	2,522.27	209.03
11 68 13 00-1008	EA	56" Deck, 90 Degree Tri-Deck, Loop Arch Climber (Landscape Structures® PlayBooster® 125688B)	2,723.22	209.03
11 68 13 00-1009	EA	64" - 72" Deck, 90 Degree Tri-Deck, Loop Arch Climber (Landscape Structures® PlayBooster® 125688C)	2,915.03	209.03
11 68 13 00-1010	EA	40" - 48" Deck, SteelX, Loop Arch Climber (Landscape Structures® PlayBooster® 139493A)	2,354.59	174.18
11 68 13 00-1011	EA	56" Deck, SteelX, Loop Arch Climber (Landscape Structures® PlayBooster® 139493B)	2,537.27	174.18
11 68 13 00-1012	EA	64" - 72" Deck, SteelX, Loop Arch Climber (Landscape Structures® PlayBooster® 139493C)	2,747.36	174.18
11 68 13 00-1013	EA	40" - 48" Deck, Loop Ladder (Landscape Structures® PlayBooster® 128252A)	1,355.73	139.35
11 68 13 00-1014	EA	40" - 48" Deck, SteelX, Loop Ladder (Landscape Structures® PlayBooster® 139495A)	1,757.63	139.35
11 68 13 00-1015	EA	32" - 48" Deck, Loop Pole (Landscape Structures® PlayBooster® 148434A)	1,574.95	139.35
11 68 13 00-1016	EA	56" - 72" Deck, Loop Pole (Landscape Structures® PlayBooster® 148434B)	1,702.82	139.35
11 68 13 00-1017	EA	32" - 48" Deck, SteelX, Loop Pole (Landscape Structures® PlayBooster® 148438A)	1,976.84	139.35
11 68 13 00-1018	EA	56" - 72" Deck, SteelX, Loop Pole (Landscape Structures® PlayBooster® 148438B)	2,086.45	139.35
11 68 13 00-1019	EA	24" Deck Height Difference, Panel Vertical Ladder, Deck-To-Deck Or Deck-To-Ground (Landscape Structures® PlayBooster® 116247A)	1,168.17	92.90
11 68 13 00-1020	EA	32" Deck Height Difference, Panel Vertical Ladder, Deck-To-Deck Or Deck-To-Ground (Landscape Structures® PlayBooster® 116247B)	1,286.91	92.90
11 68 13 00-1021	EA	40" Deck Height Difference, Panel Vertical Ladder, Deck-To-Deck Or Deck-To-Ground (Landscape Structures® PlayBooster® 116247C)	1,433.05	92.90
11 68 13 00-1022	EA	48" Deck Height Difference, Panel Vertical Ladder, Deck-To-Deck Or Deck-To-Ground (Landscape Structures® PlayBooster® 116247D)	1,717.83	104.51
11 68 13 00-1023	EA	56" Deck Height Difference, Panel Vertical Ladder, Deck-To-Deck Or Deck-To-Ground (Landscape Structures® PlayBooster® 116247E)	1,937.04	104.51
11 68 13 00-1024	EA	64" Deck Height Difference, Panel Vertical Ladder, Deck-To-Deck Or Deck-To-Ground (Landscape Structures® PlayBooster® 116247F)	2,137.99	104.51
11 68 13 00-1025	EA	72" Deck-To-Ground, Panel Vertical Ladder (Landscape Structures® PlayBooster® 116247G)	2,412.01	104.51

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 13 00-1026	EA	48" Deck Height Difference, Single Wave Climber (Landscape Structures® PlayBooster® 122915A)	2,512.48	104.51
11 68 13 00-1027	EA	64" Deck Height Difference, Single Wave Climber (Landscape Structures® PlayBooster® 122915B)	2,603.82	104.51
11 68 13 00-1028	EA	48" Deck Height Difference, SteelX, Single Wave Climber (Landscape Structures® PlayBooster® 139487A)	2,914.38	104.51
11 68 13 00-1029	EA	64" Deck Height Difference, SteelX, Single Wave Climber (Landscape Structures® PlayBooster® 139487B)	3,014.85	104.51
11 68 13 00-1030	EA	48" - 56" Deck, Snake Climber (Landscape Structures® PlayBooster® 122913A)	2,491.60	174.18
11 68 13 00-1031	EA	64" - 72" Deck, Snake Climber (Landscape Structures® PlayBooster® 122913B)	2,610.35	174.18
11 68 13 00-1032	EA	48" - 56" Deck, 90 Degree Tri-Deck, Snake Climber (Landscape Structures® PlayBooster® 126375A)	3,408.27	209.03
11 68 13 00-1033	EA	64" - 72" Deck, 90 Degree Tri-Deck, Snake Climber (Landscape Structures® PlayBooster® 126375B)	3,554.41	209.03
11 68 13 00-1034	EA	48" - 56" Deck, SteelX, Snake Climber (Landscape Structures® PlayBooster® 139490A)	2,893.50	174.18
11 68 13 00-1035	EA	64" - 72" Deck, SteelX, Snake Climber (Landscape Structures® PlayBooster® 139490B)	3,003.11	174.18
11 68 13 00-1036	EA	32" Deck, Spiral Climber (Landscape Structures® PlayBooster® 122533A)	1,328.33	139.35
11 68 13 00-1037	EA	40" - 48" Deck, Spiral Climber (Landscape Structures® PlayBooster® 122533B)	1,775.90	139.35
11 68 13 00-1038	EA	56" - 64" Deck, Spiral Climber (Landscape Structures® PlayBooster® 122533C)	2,234.22	162.58
11 68 13 00-1039	EA	72" Deck, Spiral Climber (Landscape Structures® PlayBooster® 122533D)	2,690.92	162.58
11 68 13 00-1040	EA	32" Deck, Step Ladder, Direct Bury (Landscape Structures® PlayBooster® 116246A)	2,150.39	139.35
11 68 13 00-1041	EA	40" Deck, Step Ladder, Direct Bury (Landscape Structures® PlayBooster® 116246B)	2,287.40	139.35
11 68 13 00-1042	EA	48" - 56" Deck, Step Ladder, Direct Bury (Landscape Structures® PlayBooster® 116246C)	2,607.09	139.35
11 68 13 00-1043	EA	64" - 72" Deck, Step Ladder, Direct Bury (Landscape Structures® PlayBooster® 116246D)	2,926.78	139.35
11 68 13 00-1044	EA	32" Deck, SteelX, Step Ladder, Direct Bury (Landscape Structures® PlayBooster® 139492A)	2,561.42	139.35
11 68 13 00-1045	EA	40" Deck, SteelX, Step Ladder, Direct Bury (Landscape Structures® PlayBooster® 139492B)	2,689.30	139.35
11 68 13 00-1046	EA	48" - 56" Deck, SteelX, Step Ladder, Direct Bury (Landscape Structures® PlayBooster® 139492C)	3,008.99	139.35
11 68 13 00-1047	EA	64" - 72" Deck, SteelX, Step Ladder, Direct Bury (Landscape Structures® PlayBooster® 139492D)	3,337.81	139.35
11 68 13 00-1048	EA	Mini Summit Climber 40" To 48" Decks (Landscape Structures® PlayBooster® 153076A)	1,610.70	209.03
11 68 13 00-1049	EA	64" And 72" Decks, (64" Avail. For Direct Bury Only) (Landscape Structures® PlayBooster® 128608A)	1,885.50	139.35
11 68 13 00-1050	EA	PlayOdyssey 72" Deck (Landscape Structures® PlayBooster® 129453A)	2,074.71	209.03
11 68 13 00-1051	EA	48" Deck-To-Ground, Thunderhead Climber With Aluminum Posts (Landscape Structures® PlayBooster® 139778A)	8,409.75	557.40
11 68 13 00-1052	EA	48" Deck-To-Ground, Thunderhead Climber With Steel Posts (Landscape Structures® PlayBooster® 139778B)	8,409.75	557.40
11 68 13 00-1053	EA	48" Deck, Vertical Ascent Climber (Landscape Structures® PlayBooster® 145624A)	1,684.56	139.35
11 68 13 00-1054	EA	56" Deck, Vertical Ascent Climber (Landscape Structures® PlayBooster® 145624B)	1,684.56	139.35
11 68 13 00-1055	EA	64" Deck, Vertical Ascent Climber (Landscape Structures® PlayBooster® 145624C)	1,858.10	139.35
11 68 13 00-1056	EA	72" Deck, Vertical Ascent Climber (Landscape Structures® PlayBooster® 145624D)	1,858.10	139.35
11 68 13 00-1057	EA	24" - 32" Deck, Vertical Ladder (Landscape Structures® PlayBooster® 116249A)	1,087.58	104.51
11 68 13 00-1058	EA	40" - 48" Deck, Vertical Ladder (Landscape Structures® PlayBooster® 116249B)	1,169.79	104.51
11 68 13 00-1059	EA	56" Deck, Vertical Ladder (Landscape Structures® PlayBooster® 116249C)	1,224.59	104.51
11 68 13 00-1060	EA	64" - 72" Deck, Vertical Ladder (Landscape Structures® PlayBooster® 116249D)	1,297.66	104.51
11 68 13 00-1061	EA	24" - 32" Deck, 90 Degree Tri-Deck, Vertical Ladder (Landscape Structures® PlayBooster® 126372A)	1,699.56	104.51
11 68 13 00-1062	EA	40" - 48" Deck, 90 Degree Tri-Deck, Vertical Ladder (Landscape Structures® PlayBooster® 126372B)	1,772.63	104.51
11 68 13 00-1063	EA	56" Deck, 90 Degree Tri-Deck, Vertical Ladder (Landscape Structures® PlayBooster® 126372C)	1,836.57	104.51
11 68 13 00-1064	EA	64" - 72" Deck, 90 Degree Tri-Deck, Vertical Ladder (Landscape Structures® PlayBooster® 126372D)	1,918.77	104.51
11 68 13 00-1065	EA	24" - 32" Deck, SteelX, Vertical Ladder (Landscape Structures® PlayBooster® 139494A)	1,480.34	104.51
11 68 13 00-1066	EA	40" - 48" Deck, SteelX, Vertical Ladder (Landscape Structures® PlayBooster® 139494B)	1,535.15	104.51
11 68 13 00-1067	EA	56" Deck, SteelX, Vertical Ladder (Landscape Structures® PlayBooster® 139494C)	1,617.35	104.51
11 68 13 00-1068	EA	64" - 72" Deck, SteelX, Vertical Ladder (Landscape Structures® PlayBooster® 139494D)	1,699.56	104.51
11 68 13 00-1069	EA	56" Deck, Wiggle Ladder (Landscape Structures® PlayBooster® 123284D)	1,267.65	174.18
11 68 13 00-1070	EA	64" Deck, Wiggle Ladder (Landscape Structures® PlayBooster® 123284E)	1,313.32	174.18
11 68 13 00-1071	EA	72" Deck, Wiggle Ladder (Landscape Structures® PlayBooster® 123284F)	1,395.52	174.18
11 68 13 00-1072	EA	32" Deck, 90 Degree Tri-Deck, Wiggle Ladder (Landscape Structures® PlayBooster® 126371A)	1,760.88	174.18
11 68 13 00-1073	EA	40" Deck, 90 Degree Tri-Deck, Wiggle Ladder (Landscape Structures® PlayBooster® 126371B)	1,833.96	174.18
11 68 13 00-1074	EA	48" Deck, 90 Degree Tri-Deck, Wiggle Ladder (Landscape Structures® PlayBooster® 126371C)	1,888.76	174.18
11 68 13 00-1075	EA	56" Deck, 90 Degree Tri-Deck, Wiggle Ladder (Landscape Structures® PlayBooster® 126371D)	1,952.70	174.18
11 68 13 00-1076	EA	64" Deck, 90 Degree Tri-Deck, Wiggle Ladder (Landscape Structures® PlayBooster® 126371E)	2,016.64	174.18
11 68 13 00-1077	EA	72" Deck, 90 Degree Tri-Deck, Wiggle Ladder (Landscape Structures® PlayBooster® 126371F)	2,080.57	174.18
11 68 13 00-1078	EA	32" Deck, SteelX, Wiggle Ladder (Landscape Structures® PlayBooster® 139502A)	1,477.73	174.18
11 68 13 00-1079	EA	40" Deck, SteelX, Wiggle Ladder (Landscape Structures® PlayBooster® 139502B)	1,550.80	174.18
11 68 13 00-1080	EA	48" Deck, SteelX, Wiggle Ladder (Landscape Structures® PlayBooster® 139502C)	1,596.47	174.18
11 68 13 00-1081	EA	56" Deck, SteelX, Wiggle Ladder (Landscape Structures® PlayBooster® 139502D)	1,642.14	174.18
11 68 13 00-1082	EA	64" Deck, SteelX, Wiggle Ladder (Landscape Structures® PlayBooster® 139502E)	1,696.95	174.18
11 68 13 00-1083	EA	72" Deck, SteelX, Wiggle Ladder (Landscape Structures® PlayBooster® 139502F)	1,779.15	174.18
11 68 13 00-1084	EA	Overhead Events Air Dancer Overhead Event, Max. 32" Decks (Landscape Structures® PlayBooster® 121952A)	2,515.75	139.35
11 68 13 00-1085	EA	Overhead Events Swing Out Overhead Event, 16" Deck Height Only (Landscape Structures® PlayBooster® 120872A)	1,772.63	104.51
11 68 13 00-1086	EA	Overhead Events Triple Ring Fling Overhead Event, 24" Or 32" Deck-To-Ground (Landscape Structures® PlayBooster® 123824A)	3,554.41	209.03
11 68 13 00-1087	EA	Overhead Events Ring Pull, Brown Rings Only, Intended For Wheelchair Users (Landscape Structures® PlayBooster® 130873A)	892.52	69.68
11 68 13 00-1088	EA	Overhead Events 90 Degree Horizontal Ladder, Max. 32" Decks (Landscape Structures® PlayBooster® 142890A)	2,515.75	139.35
11 68 13 00-1089	EA	Overhead Events Circular Horizontal Ladder, Max. 32" Decks (Landscape Structures® PlayBooster® 142891A)	4,522.62	209.03
11 68 13 00-1090	EA	Overhead Events C-Horizontal Ladder, Max. 32" Decks (Landscape Structures® PlayBooster® 142883A)	3,587.68	174.18
11 68 13 00-1091	EA	Overhead Events Ring-a-Ling Overhead Event, Max. 32" Decks (Landscape Structures® PlayBooster® 126203A)	3,408.27	209.03
11 68 13 00-1092	EA	Overhead Events Wave Net, CableCore Climbing Cable, Max. 32" Decks (Landscape Structures® PlayBooster® 126274A)	3,806.90	174.18
11 68 13 00-1093	EA	Overhead Events Trapeze Horizontal Ladder, 18" Wide, Max. 32" Decks (Landscape Structures® PlayBooster® 111468A)	2,464.20	174.18
11 68 13 00-1094	EA	Overhead Events Inclined Horizontal Ladder, 16" - 32" Decks, 16" Incline (Landscape Structures® PlayBooster® 142889A)	1,559.30	69.68
11 68 13 00-1095	EA	Overhead Events Horizontal Ladder, Max. 32" Decks (Landscape Structures® PlayBooster® 142887A)	1,522.77	69.68
11 68 13 00-1096	EA	Overhead Events Overhead Parallel Bars, Max. 32" Decks (Landscape Structures® PlayBooster® 119430A)	1,604.97	69.68
11 68 13 00-1097	EA	Overhead Events Horizontal Ladder, 84" Module, Max. 16" Decks, 12" Max. Rung Spacing (Landscape Structures® PlayBooster® 139782A)	1,239.61	69.68
11 68 13 00-1098	EA	Overhead Events Wave Horizontal Ladder, Max. 32" Decks (Landscape Structures® PlayBooster® 119613A)	1,714.58	69.68

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 13 00-1099	EA	Overhead Events Single Beam Loop Horizontal Ladder, 84" Module, Max. 32" Decks (Landscape Structures® PlayBooster® 119805A)	1,376.62	69.68
11 68 13 00-1100	EA	Overhead Events Single Beam Loop Horizontal Ladder, 123" Module, Max. 32" Decks (Landscape Structures® PlayBooster® 119806A)	1,751.12	69.68
11 68 13 00-1101	EA	Overhead Events S-Horizontal Ladder, Max. 32" Decks (Landscape Structures® PlayBooster® 142884A)	3,587.68	174.18
11 68 13 00-1102	EA	Overhead Events Single S-Parallel Bar, Max. 32" Decks (Landscape Structures® PlayBooster® 119979A)	1,522.77	69.68
11 68 13 00-1103	EA	Overhead Events Wiggle Ring Bridge, Max. 32" Decks (Landscape Structures® PlayBooster® 148639A)	2,624.71	34.83
11 68 13 00-1104	EA	Overhead Events S-Ring Bridge, With (2) 2" Crossovers, Max. 32" Decks, Brown Rings Only (Landscape Structures® PlayBooster® 111467A)	2,256.73	104.51
11 68 13 00-1105	EA	Overhead Events Ring Bridge, With (2) 2" Crossovers, Max. 32" Decks, Brown Rings Only (Landscape Structures® PlayBooster® 111467B)	2,000.98	104.51
11 68 13 00-1106	EA	116" Steel Posts, End Vertical Ladder (Landscape Structures® PlayBooster® 111273B)	1,721.09	139.35
11 68 13 00-1107	EA	132" Steel Posts, End Vertical Ladder (For Use With Ring Bridges) (Landscape Structures® PlayBooster® 116208B)	1,812.43	139.35
11 68 13 00-1108	EA	10' Module, Track Ride Without Supports, With (2) Crossovers, Max. 16" Decks (Landscape Structures® PlayBooster® 111353A)	3,374.35	139.35
11 68 13 00-1109	EA	18' Module, Track Ride Without Supports, With (2) Crossovers, Max. 16" Decks (Landscape Structures® PlayBooster® 112465A)	3,794.51	139.35
11 68 13 00-1110	EA	16" - 24" Decks, Spring Across Bridge (Landscape Structures® PlayBooster® 136156A)	4,833.81	313.54
11 68 13 00-1111	EA	90 Degree, 8" - 72" Decks, Curved Bridge, Bridge Planks Brown Only (Landscape Structures® PlayBooster® 120211A)	6,143.23	348.38
11 68 13 00-1112	EA	C Or S, 8" - 72" Decks, Curved Bridge, Bridge Planks Brown Only (Landscape Structures® PlayBooster® 120689A)	13,300.34	696.75
11 68 13 00-1113	EA	16" To 32" Deck, Pod Bridge, Direct Bury (Landscape Structures® PlayBooster® 127234A)	7,291.50	418.06
11 68 13 00-1114	EA	42" Module, Arch Bridge, Permalene Barrier, Bridge Plank (Landscape Structures® PlayBooster® 114665A)	2,883.73	69.68
11 68 13 00-1115	EA	42" Module, Arch Bridge, SteelX, Bridge Plank (Landscape Structures® PlayBooster® 139383A)	3,075.55	69.68
11 68 13 00-1116	EA	123" Module, Arch Bridge With Guardrail, Max. 40" Decks (Landscape Structures® PlayBooster® 143677A)	5,615.43	174.18
11 68 13 00-1117	EA	123" Module, Arch Bridge With Barrier, Max. 72" Decks (Landscape Structures® PlayBooster® 143677B)	7,232.15	174.18
11 68 13 00-1118	EA	42" Module, Belt Bridge, Permalene Barrier (Landscape Structures® PlayBooster® 114373A)	2,941.78	104.51
11 68 13 00-1119	EA	84" Module, 24" - 48" Decks, Belt Bridge (Landscape Structures® PlayBooster® 120310A)	4,456.07	278.70
11 68 13 00-1120	EA	123" Module, 24" - 48" Decks, Belt Bridge (Landscape Structures® PlayBooster® 120624A)	5,150.25	278.70
11 68 13 00-1121	EA	Bridge/Ramp Transition Bracket, Brown Only (Landscape Structures® PlayBooster® 111345A)	441.69	34.83
11 68 13 00-1122	EA	Ramp Exit/Wall Mount Plate, Surface Mount, Brown Only (Landscape Structures® PlayBooster® 111346A)	667.42	104.51
11 68 13 00-1123	EA	Ramp Exit Plate, Direct Bury, Brown Only (Landscape Structures® PlayBooster® 111346B)	813.56	104.51
11 68 13 00-1124	EA	Ramp Berm Exit Plate, Brown Only (Landscape Structures® PlayBooster® 120325A)	649.15	104.51
11 68 13 00-1125	EA	84" Module, Clatterbridge, Brown Planks Only, With Handrails For 24" - 48" Decks (Landscape Structures® PlayBooster® 143194A)	4,805.77	209.03
11 68 13 00-1126	EA	123" Module, Clatterbridge, Brown Planks Only, With Handrails For 24" - 48" Decks (Landscape Structures® PlayBooster® 143195A)	6,087.79	243.86
11 68 13 00-1127	EA	84" Module, Clatterbridge, Brown Planks Only, With Barrier For 24" To 72" Decks (Landscape Structures® PlayBooster® 147424A)	6,897.46	209.03
11 68 13 00-1128	EA	123" Module, Clatterbridge, Brown Planks Only, With Barrier For 24" To 72" Decks (Landscape Structures® PlayBooster® 147425A)	8,431.97	209.03
11 68 13 00-1129	EA	84" Module, Disc Challenge, Max. 24" Decks, With 2 Handhold Panels (Landscape Structures® PlayBooster® 120873A)	4,210.73	487.72
11 68 13 00-1130	EA	123" Module, Disc Challenge, Max. 24" Decks, With 2 Handhold Panels (Landscape Structures® PlayBooster® 121416A)	5,824.82	557.40
11 68 13 00-1131	EA	S-Disc Challenge, 123" Module, Disc Challenge, Max. 24" Decks, With 2 Handhold Panels (Landscape Structures® PlayBooster® 136157A)	5,824.82	557.40
11 68 13 00-1132	EA	16" Deck Height Difference, Peek And Creep Ramp, Brown Wire Plank Only, With Barriers (Landscape Structures® PlayBooster® 152443A)	4,299.50	69.68
11 68 13 00-1133	EA	16" Deck Height Difference, Peek And Creep Ramp, Brown Wire Plank Only, With Guardrails (Landscape Structures® PlayBooster® 152444A)	2,810.66	69.68
11 68 13 00-1134	EA	Wire Crawl Tunnel (Landscape Structures® PlayBooster® 119641A)	3,247.11	243.86
11 68 13 00-1135	EA	64" Straight, 8" - 72" Decks, Crawl Tunnel (Landscape Structures® PlayBooster® 126204B)	3,584.43	139.35
11 68 13 00-1136	EA	90 Degree Curved, 8" - 72" Deck, Crawl Tunnel (Landscape Structures® PlayBooster® 142892A)	4,251.21	139.35
11 68 13 00-1137	EA	32" Straight, 8" - 72" Decks, Crawl Tunnel (Landscape Structures® PlayBooster® 126204A)	2,744.10	139.35
11 68 13 00-1138	EA	C-Inclined, 16" Deck Height Difference, Crawl Tunnel, 30" Diameter, Permalene Panels, Maximum 48" Decks, Deck-To-Deck Applications (Landscape Structures® PlayBooster® 117088A)	6,995.32	278.70
11 68 13 00-1139	EA	S-Inclined, 16" Deck Height Difference, Crawl Tunnel, 30" Diameter, Permalene Panels, Maximum 48" Decks, Deck-To-Deck Applications (Landscape Structures® PlayBooster® 117088B)	6,995.32	278.70
11 68 13 00-1140	EA	C-Straight, Crawl Tunnel, 30" Diameter, Permalene Panels, Maximum 48" Decks, Deck-To-Deck Applications (Landscape Structures® PlayBooster® 117089A)	6,995.32	278.70
11 68 13 00-1141	EA	S-Straight, Crawl Tunnel, 30" Diameter, Permalene Panels, Maximum 48" Decks, Deck-To-Deck Applications (Landscape Structures® PlayBooster® 117089B)	6,995.32	278.70
11 68 13 00-1142	EA	24" Deck Height Difference, Offset Crawl Tunnel (Landscape Structures® PlayBooster® 129042A)	4,480.20	243.86
11 68 13 00-1143	EA	8" Deck Height Difference, Offset Crawl Tunnel (Landscape Structures® PlayBooster® 119930A)	3,968.70	243.86
11 68 13 00-1144	EA	16" Deck Height Difference, Offset Crawl Tunnel (Landscape Structures® PlayBooster® 122589A)	4,096.58	243.86
11 68 13 00-1145	EA	Math Panel, Red Discs Only, Enclosure (Landscape Structures® PlayBooster® 115232A)	2,191.18	92.90
11 68 13 00-1146	EA	Spelling Panel, Red Discs Only, Enclosure (Landscape Structures® PlayBooster® 115233A)	2,081.57	92.90
11 68 13 00-1147	EA	Gear Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayBooster® 117146A)	2,454.43	69.68
11 68 13 00-1148	EA	Hourglass Panel, Enclosure (Landscape Structures® PlayBooster® 123319A)	1,897.26	69.68
11 68 13 00-1149	EA	Image Panel, 176 Play Blocks, Enclosure (Landscape Structures® PlayBooster® 127681A)	1,825.82	92.90
11 68 13 00-1150	EA	Slant Window Panel, Enclosure (Landscape Structures® PlayBooster® 115222A)	1,688.81	92.90
11 68 13 00-1151	EA	Bubble Panel, Enclosure (Landscape Structures® PlayBooster® 115223A)	1,120.87	69.68
11 68 13 00-1152	EA	Puppet Panel, Enclosure (Landscape Structures® PlayBooster® 115225A)	828.58	69.68
11 68 13 00-1153	EA	Zoo Panel, Enclosure (Landscape Structures® PlayBooster® 115227A)	837.72	69.68
11 68 13 00-1154	EA	Ball Maze Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayBooster® 115236A)	1,604.97	69.68
11 68 13 00-1155	EA	Match 4 Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayBooster® 127678A)	1,305.18	92.90
11 68 13 00-1156	EA	Finger Maze Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayBooster® 115229A)	1,002.13	69.68
11 68 13 00-1157	EA	Tracing Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayBooster® 115230A)	1,002.13	69.68
11 68 13 00-1158	EA	Mirror Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayBooster® 115234A)	1,522.77	69.68
11 68 13 00-1159	EA	Pilot Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayBooster® 119514A)	1,458.83	69.68

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 13 00-1160	EA	Space Travel Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayBooster® 123483A)	1,723.71	69.68
11 68 13 00-1161	EA	Braille And Clock Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayBooster® 123844A)	2,052.54	69.68
11 68 13 00-1162	EA	Chimes Panel, Enclosure (Landscape Structures® PlayBooster® 115243A)	1,897.26	69.68
11 68 13 00-1163	EA	Puppet Panel With Window Above Deck, Enclosure (Landscape Structures® PlayBooster® 115226A)	1,020.40	69.68
11 68 13 00-1164	EA	Balcony Deck, Brown Tenderdeck Only (Landscape Structures® PlayBooster® 111240A)	1,708.69	104.51
11 68 13 00-1165	EA	Balcony Deck, With Wheel, Brown Tenderdeck Only (Landscape Structures® PlayBooster® 111240B)	1,964.44	104.51
11 68 13 00-1166	EA	Driver Panel, SteelX, Above Deck (Landscape Structures® PlayBooster® 139382A)	1,239.61	69.68
11 68 13 00-1167	EA	Driver Panel, SteelX, Below Deck (Landscape Structures® PlayBooster® 139382B)	1,431.43	69.68
11 68 13 00-1168	EA	Driver Panel, (2-Color Permalene) (Landscape Structures® PlayBooster® 115228A)	1,148.27	69.68
11 68 13 00-1169	EA	Storefront Panel, SteelX, Ground-Level Panel (Landscape Structures® PlayBooster® 139378A)	965.59	69.68
11 68 13 00-1170	EA	Hole Panel (SteelX®), Ground-Level Panel (Landscape Structures® PlayBooster® 139381A)	919.92	69.68
11 68 13 00-1171	EA	Slant Entrance Panel, 24" Diameter, Ground-Level Panel (Landscape Structures® PlayBooster® 115242A)	1,582.45	127.73
11 68 13 00-1172	EA	Sand And Water Panel, Ground-Level Panel, Tan Dish Only (Landscape Structures® PlayBooster® 115257A)	2,119.72	104.51
11 68 13 00-1173	EA	Table Panel, Ground-Level Panel (Landscape Structures® PlayBooster® 130565A)	1,442.19	92.90
11 68 13 00-1174	EA	Hole Panel (Permalene®), Ground-Level Panel (Landscape Structures® PlayBooster® 115253A)	828.58	69.68
11 68 13 00-1175	EA	Storefront Panel, Ground-Level Panel (Landscape Structures® PlayBooster® 115254A)	855.98	69.68
11 68 13 00-1176	EA	2 Panels, Handhold Panel (Landscape Structures® PlayBooster® 127953A)	414.29	34.83
11 68 13 00-1177	EA	1 Panel, Handhold Panel (Landscape Structures® PlayBooster® 127953B)	208.06	23.23
11 68 13 00-1178	EA	House Panel (SteelX®) Above Deck (Landscape Structures® PlayBooster® 139380A)	1,082.71	58.06
11 68 13 00-1179	EA	House Panel, SteelX, Below Deck (Landscape Structures® PlayBooster® 139380B)	1,294.42	69.68
11 68 13 00-1180	EA	House Panel, (2-Color Permalene) (Landscape Structures® PlayBooster® 115235A)	938.19	69.68
11 68 13 00-1181	EA	Periscope Panel, SteelX, Above Deck (Landscape Structures® PlayBooster® 139379A)	2,353.96	69.68
11 68 13 00-1182	EA	Periscope Panel, (2-Color Permalene) (Landscape Structures® PlayBooster® 117957A)	2,052.54	69.68
11 68 13 00-1183	EA	Periscope Panel, SteelX, Below Deck (Landscape Structures® PlayBooster® 139379B)	2,564.04	69.68
11 68 13 00-1184	EA	Pipe Barrier Above Deck, Without Wheel (Landscape Structures® PlayBooster® 116244A)	855.98	69.68
11 68 13 00-1185	EA	Pipe Barrier, 90 Degree Tri-Deck (Landscape Structures® PlayBooster® 117680A)	921.55	92.90
11 68 13 00-1186	EA	Pipe Barrier Above Deck, With Wheel (Landscape Structures® PlayBooster® 116244B)	1,093.47	69.68
11 68 13 00-1187	EA	Pipe Barrier, With Wheel, 90 Degree Tri-Deck (Landscape Structures® PlayBooster® 117680B)	1,177.30	92.90
11 68 13 00-1188	EA	Pipe Barrier, (For TurboTwister Tunnel Slide) (Landscape Structures® PlayBooster® 125921A)	910.79	69.68
11 68 13 00-1189	EA	Pipe Barrier, With Wheel, (For TurboTwister Tunnel Slide) (Landscape Structures® PlayBooster® 125921B)	1,166.54	69.68
11 68 13 00-1190	EA	Pipe Guardrail (Landscape Structures® PlayBooster® 116245A)	737.24	69.68
11 68 13 00-1191	EA	Pipe Guardrail, 90 Degree Tri-Deck (Landscape Structures® PlayBooster® 117681A)	939.82	92.90
11 68 13 00-1192	EA	Wheelchair Accessible Navigator Reach Panel, (2-Color Permalene) (Landscape Structures® PlayBooster® 127439A)	889.25	34.83
11 68 13 00-1193	EA	Wheelchair Accessible Trail Tracker Reach Panel, (2-Color Permalene) (Landscape Structures® PlayBooster® 127440A)	638.53	34.83
11 68 13 00-1194	EA	Wheelchair Accessible Image Reach Panel, 75 Play Blocks (Landscape Structures® PlayBooster® 129043A)	1,163.27	34.83
11 68 13 00-1195	EA	Wheelchair Accessible Periscope Reach Panel, (2-Color Permalene) (Landscape Structures® PlayBooster® 135729A)	1,968.70	58.06
11 68 13 00-1196	EA	Wheelchair Accessible Match 3 Reach Panel, (2-Color Permalene) (Landscape Structures® PlayBooster® 135730A)	1,064.44	58.06
11 68 13 00-1197	EA	Wheelchair Accessible Chimes Reach Panel (Landscape Structures® PlayBooster® 135731A)	1,621.61	58.06
11 68 13 00-1198	EA	Recycled Poly Wall (Landscape Structures® PlayBooster® 111267A)	1,221.34	69.68
11 68 13 00-1199	EA	Recycled Poly Wall, With Wheel (Landscape Structures® PlayBooster® 111267B)	1,486.23	69.68
11 68 13 00-1200	EA	Tic-Tac-Toe Panel, SteelX, Above Deck (Landscape Structures® PlayBooster® 139377A)	2,984.21	69.68
11 68 13 00-1201	EA	Tic-Tac-Toe Panel, SteelX, Below Deck (Landscape Structures® PlayBooster® 139377B)	3,214.18	92.90
11 68 13 00-1202	EA	Tic-Tac-Toe Panel, Above Deck, Tan Discs Only (Landscape Structures® PlayBooster® 115231A)	1,860.72	69.68
11 68 13 00-1203	EA	Wire Barrier (Landscape Structures® PlayBooster® 120314A)	958.09	92.90
11 68 13 00-1204	EA	Wire Barrier, 90 Degree Tri-Deck (Landscape Structures® PlayBooster® 120315A)	1,159.03	92.90
11 68 13 00-1205	EA	Wire Barrier With Wheel (Landscape Structures® PlayBooster® 120314B)	1,222.97	92.90
11 68 13 00-1206	EA	Wire Barrier With Wheel, 90 Degree Tri-Deck (Landscape Structures® PlayBooster® 120315B)	1,423.92	92.90
11 68 13 00-1207	EA	Wire Barrier, (For TurboTwister Tunnel Slide) (Landscape Structures® PlayBooster® 125921C)	1,020.40	69.68
11 68 13 00-1208	EA	Wire Barrier With Wheel, (For TurboTwister Tunnel Slide) (Landscape Structures® PlayBooster® 125921D)	1,285.28	69.68
11 68 13 00-1209	EA	Loop Seats (Landscape Structures® PlayBooster® 118089A)	642.64	34.83
11 68 13 00-1210	EA	Grab Bar, TenderTuff-coated Brown (Landscape Structures® PlayBooster® 120901A)	248.25	23.23
11 68 13 00-1211	EA	Handhold/Leg Lift, TenderTuff-coated Brown (Landscape Structures® PlayBooster® 120902A)	275.65	23.23
11 68 13 00-1212	EA	Handloop Assembly (Landscape Structures® PlayBooster® 111275A)	361.12	58.06
11 68 13 00-1213	EA	Rail Assembly (Landscape Structures® PlayBooster® 111276A)	351.99	58.06
11 68 13 00-1214	EA	Log Roll, (1) Steel Post, Tan Log Only (Landscape Structures® PlayBooster® 111356B)	1,856.47	127.73
11 68 13 00-1215	EA	Chinning Bar, (1) Steel Post (Landscape Structures® PlayBooster® 111357C)	804.43	104.51
11 68 13 00-1216	EA	Turning Bar, (1) Steel Post (Landscape Structures® PlayBooster® 111357D)	749.62	104.51
11 68 13 00-1217	EA	Parallel Bars, Without Posts (Landscape Structures® PlayBooster® 111361A)	956.46	69.68
11 68 13 00-1218	EA	Orbiter Spinner, (Requires Steel Post, Avail. For Direct Bury Only) (Landscape Structures® PlayBooster® 153590A)	2,549.02	104.51
11 68 13 00-1219	EA	48" Deck, Talk Tubes For PlayOdyssey Pod, Deck Mount, One Only (Excludes Posts) (Landscape Structures® PlayBooster® 129079A)	898.39	34.83
11 68 13 00-1220	EA	72" Deck, Talk Tubes For PlayOdyssey Pod, One Only (Excludes Posts) (Landscape Structures® PlayBooster® 129079B)	953.19	34.83
11 68 13 00-1221	EA	Ground Level, Talk Tubes, Deck Mount, One Only (Excludes Posts) (Landscape Structures® PlayBooster® 111363A)	679.17	34.83
11 68 13 00-1222	EA	16" Deck, Talk Tubes, Deck Mount, One Only (Excludes Posts) (Landscape Structures® PlayBooster® 111363B)	688.31	34.83
11 68 13 00-1223	EA	24" Deck, Talk Tubes, Deck Mount, One Only (Excludes Posts) (Landscape Structures® PlayBooster® 111363C)	697.44	34.83
11 68 13 00-1224	EA	32" Deck, Talk Tubes, Deck Mount, One Only (Excludes Posts) (Landscape Structures® PlayBooster® 111363D)	706.57	34.83
11 68 13 00-1225	EA	40" Deck, Talk Tubes, Deck Mount, One Only (Excludes Posts) (Landscape Structures® PlayBooster® 111363E)	715.71	34.83
11 68 13 00-1226	EA	48" Deck, Talk Tubes, Deck Mount, One Only (Excludes Posts) (Landscape Structures® PlayBooster® 111363F)	733.98	34.83
11 68 13 00-1227	EA	56" Deck, Talk Tubes, Deck Mount, One Only (Excludes Posts) (Landscape Structures® PlayBooster® 111363G)	743.11	34.83
11 68 13 00-1228	EA	64" Deck, Talk Tubes, Deck Mount, One Only (Excludes Posts) (Landscape Structures® PlayBooster® 111363H)	761.38	34.83
11 68 13 00-1229	EA	72" Deck, Talk Tubes, Deck Mount, One Only (Excludes Posts) (Landscape Structures® PlayBooster® 111363I)	770.51	34.83
11 68 13 00-1230	EA	Arch Roof, (Excludes Arches) (Landscape Structures® PlayBooster® 111256A)	1,062.80	34.83
11 68 13 00-1231	EA	Recycled 2x4 Roof (Landscape Structures® PlayBooster® 111260A)	3,250.38	278.70
11 68 13 00-1232	EA	Recycled Peak Roof (Landscape Structures® PlayBooster® 111408A)	4,556.54	278.70
11 68 13 00-1233	EA	Hex Shingle Roof (Landscape Structures® PlayBooster® 130567A)	3,737.09	209.03

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 13 00-1234	EA	Square SteelX Roof (Landscape Structures® PlayBooster® 139375A)	3,983.71	209.03
11 68 13 00-1235	EA	Hex SteelX Roof (Landscape Structures® PlayBooster® 139376A)	6,197.40	243.86
11 68 13 00-1236	EA	Flag Pole With Permalene Flag (For SteelX Hex Roof Or SteelX Square Roof Only) (Landscape Structures® PlayBooster® 139464A)	385.26	23.23
11 68 13 00-1237	EA	Full Sail, CoolToppers Shade System (Direct Bury Only) (Landscape Structures® PlayBooster® 136488A)	15,377.66	836.10
11 68 13 00-1238	EA	Single Post Shade, CoolToppers Shade System (Direct Bury Only) (Landscape Structures® PlayBooster® 154884A)	5,125.41	696.75
11 68 13 00-1239	EA	PlayOdyssey® Octagonal Deck (Direct Bury Only) 48" Deck With Roof, With Center Access (Landscape Structures® PlayBooster® 128980A)	26,304.48	1,254.16
11 68 13 00-1240	EA	PlayOdyssey® Octagonal Deck (Direct Bury Only) 48" Deck Without Roof, With Center Access (Landscape Structures® PlayBooster® 128980B)	20,577.47	1,254.16
11 68 13 00-1241	EA	PlayOdyssey® Octagonal Deck (Direct Bury Only) 48" Deck Without Roof, Without Center Access (Landscape Structures® PlayBooster® 128980C)	19,472.25	1,254.16
11 68 13 00-1242	EA	PlayOdyssey® Octagonal Deck (Direct Bury Only) 72" Deck With Roof, With Center Access (Landscape Structures® PlayBooster® 128980D)	26,459.76	1,254.16
11 68 13 00-1243	EA	PlayOdyssey® Octagonal Deck (Direct Bury Only) 72" Deck Without Roof, With Center Access (Landscape Structures® PlayBooster® 128980E)	20,732.74	1,254.16
11 68 13 00-1244	EA	PlayOdyssey® Octagonal Deck (Direct Bury Only) 72" Deck Without Roof, Without Center Access (Landscape Structures® PlayBooster® 128980F)	19,636.66	1,254.16
11 68 13 00-1245	EA	Square Tenderdeck, Brown Only (Landscape Structures® PlayBooster® 111228A)	1,349.22	69.68
11 68 13 00-1246	EA	Square Tenderdeck, Extension, Brown Only (Landscape Structures® PlayBooster® 111229A)	1,294.42	69.68
11 68 13 00-1247	EA	Square Tenderdeck, Corner, Brown Only (Landscape Structures® PlayBooster® 111230A)	1,257.88	69.68
11 68 13 00-1248	EA	Triangular Tenderdeck, Brown Only (Landscape Structures® PlayBooster® 111231A)	1,017.13	34.83
11 68 13 00-1249	EA	Hexagon Tenderdeck, Brown Only (Landscape Structures® PlayBooster® 111232A)	3,806.90	174.18
11 68 13 00-1250	EA	Triangular Tenderdeck, Extension, Brown Only (Landscape Structures® PlayBooster® 119646A)	1,009.63	58.06
11 68 13 00-1251	EA	90 Degree Triangular Tenderdeck, Brown Only (Landscape Structures® PlayBooster® 122197A)	1,081.07	34.83
11 68 13 00-1252	EA	Transfer Step, Brown Only (Landscape Structures® PlayBooster® 112471A)	764.64	69.68
11 68 13 00-1253	EA	24" Rise Kick Panel, 2-Color Permalene, With 2-Clamps (Landscape Structures® PlayBooster® 111525A)	616.87	58.06
11 68 13 00-1254	EA	32" Rise Kick Panel, 2-Color Permalene, With 2-Clamps (Landscape Structures® PlayBooster® 111525B)	763.02	58.06
11 68 13 00-1255	EA	To 32" Deck, Curved, Right Or Left Step, Curved Transfer Module (Landscape Structures® PlayBooster® 152911A)	3,323.45	278.70
11 68 13 00-1256	EA	To 40" Deck, Curved, Right Or Left Step, Curved Transfer Module (Landscape Structures® PlayBooster® 152911B)	3,761.88	278.70
11 68 13 00-1257	EA	To 48" Deck, Curved, Right Or Left Step, Curved Transfer Module (Landscape Structures® PlayBooster® 152911C)	3,944.56	278.70
11 68 13 00-1258	EA	To 32" Deck, Curved, Right Or Left Step, SteelX, Curved Transfer Module (Landscape Structures® PlayBooster® 152912A)	3,670.54	278.70
11 68 13 00-1259	EA	To 40" Deck, Curved, Right Or Left Step, SteelX, Curved Transfer Module (Landscape Structures® PlayBooster® 152912B)	4,099.84	278.70
11 68 13 00-1260	EA	To 48" Deck, Curved, Right Or Left Step, SteelX, Curved Transfer Module (Landscape Structures® PlayBooster® 152912C)	4,255.12	278.70
11 68 13 00-1261	EA	Arch For 72" Deck (Landscape Structures® PlayBooster® 111406A)	1,933.80	69.68
11 68 13 00-1262	EA	Arch For 56" - 64" Deck (Landscape Structures® PlayBooster® 111406B)	1,869.86	69.68
11 68 13 00-1263	EA	Arch For 40" - 48" Deck (Landscape Structures® PlayBooster® 111406C)	1,796.79	69.68
11 68 13 00-1264	EA	Arch For 32" Deck (Landscape Structures® PlayBooster® 111406D)	1,778.52	69.68
11 68 13 00-1265	EA	Arch/Ground Level (Landscape Structures® PlayBooster® 111406E)	1,659.78	69.68
11 68 13 00-1266	EA	106"/72" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 122718J)	644.27	58.06
11 68 13 00-1267	EA	98"/64" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 122718K)	626.01	58.06
11 68 13 00-1268	EA	90"/56" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 122718L)	616.87	58.06
11 68 13 00-1269	EA	82"/48" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 122718M)	607.74	58.06
11 68 13 00-1270	EA	74"/40" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 122718N)	598.60	58.06
11 68 13 00-1271	EA	66"/32" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 122718O)	580.34	58.06
11 68 13 00-1272	EA	58"/24" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 122718P)	571.20	58.06
11 68 13 00-1273	EA	50"/16" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 122718Q)	562.07	58.06
11 68 13 00-1274	EA	42"/8" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 122718R)	543.80	58.06
11 68 13 00-1275	EA	106"/72" Deck, Flush Mount Posts For Decks, Square Caps (Landscape Structures® PlayBooster® 111405J)	607.74	58.06
11 68 13 00-1276	EA	98"/64" Deck, Flush Mount Posts For Decks, Square Caps (Landscape Structures® PlayBooster® 111405K)	598.60	58.06
11 68 13 00-1277	EA	90"/56" Deck, Flush Mount Posts For Decks, Square Caps (Landscape Structures® PlayBooster® 111405L)	580.34	58.06
11 68 13 00-1278	EA	82"/48" Deck, Flush Mount Posts For Decks, Square Caps (Landscape Structures® PlayBooster® 111405M)	571.20	58.06
11 68 13 00-1279	EA	74"/40" Deck, Flush Mount Posts For Decks, Square Caps (Landscape Structures® PlayBooster® 111405N)	562.07	58.06
11 68 13 00-1280	EA	66"/32" Deck, Flush Mount Posts For Decks, Square Caps (Landscape Structures® PlayBooster® 111405O)	543.80	58.06
11 68 13 00-1281	EA	58"/24" Deck, Flush Mount Posts For Decks, Square Caps (Landscape Structures® PlayBooster® 111405P)	534.67	58.06
11 68 13 00-1282	EA	50"/16" Deck, Flush Mount Posts For Decks, Square Caps (Landscape Structures® PlayBooster® 111405Q)	525.53	58.06
11 68 13 00-1283	EA	42"/8" Deck, Flush Mount Posts For Decks, Square Caps (Landscape Structures® PlayBooster® 111405R)	516.40	58.06
11 68 13 00-1284	EA	148"/72" Deck, Posts For Decks (Landscape Structures® PlayBooster® 111404M)	478.22	34.83
11 68 13 00-1285	EA	140"/64" Deck, Posts For Decks (Landscape Structures® PlayBooster® 111404N)	790.61	34.83
11 68 13 00-1286	EA	132"/56" Deck, Posts For Decks (Landscape Structures® PlayBooster® 111404O)	441.69	34.83
11 68 13 00-1287	EA	124"/48" Deck, Posts For Decks (Landscape Structures® PlayBooster® 111404P)	432.55	34.83
11 68 13 00-1288	EA	116"/40" Deck, Posts For Decks (Landscape Structures® PlayBooster® 111404Q)	423.42	34.83
11 68 13 00-1289	EA	108"/32" Deck, Posts For Decks (Landscape Structures® PlayBooster® 111404R)	414.29	34.83
11 68 13 00-1290	EA	100"/24" Deck, Posts For Decks (Landscape Structures® PlayBooster® 111404S)	396.02	34.83
11 68 13 00-1291	EA	92"/16" Deck, Posts For Decks (Landscape Structures® PlayBooster® 111404T)	368.62	34.83
11 68 13 00-1292	EA	84"/8" Deck, Posts For Decks (Landscape Structures® PlayBooster® 111404U)	350.35	34.83
11 68 13 00-1293	EA	76"/Ground Level, Posts For Decks (Landscape Structures® PlayBooster® 111404V)	341.21	34.83
11 68 13 00-1294	EA	156"/80" Deck, Posts For Decks (Landscape Structures® PlayBooster® 111404W)	542.16	34.83
11 68 13 00-1295	EA	182"/96" Deck (44" Bury), Posts For Decks (Landscape Structures® PlayBooster® 111404Z)	624.37	34.83
11 68 13 00-1296	EA	182"/72" Deck, Posts For Roofs (Landscape Structures® PlayBooster® 111403K)	551.30	34.83
11 68 13 00-1297	EA	174"/64" Deck, Posts For Roofs (Landscape Structures® PlayBooster® 111403L)	542.16	34.83
11 68 13 00-1298	EA	166"/56" Deck, Posts For Roofs (Landscape Structures® PlayBooster® 111403M)	533.03	34.83
11 68 13 00-1299	EA	158"/48" Deck, Posts For Roofs (Landscape Structures® PlayBooster® 111403N)	514.76	34.83
11 68 13 00-1300	EA	150"/40" Deck, Posts For Roofs (Landscape Structures® PlayBooster® 111403O)	505.63	34.83
11 68 13 00-1301	EA	142"/32" Deck, Posts For Roofs (Landscape Structures® PlayBooster® 111403P)	496.49	34.83

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 13 00-1302	EA	134"/24" Deck, Posts For Roofs (Landscape Structures® PlayBooster® 111403Q)	487.36	34.83
11 68 13 00-1303	EA	126"/16" Deck, Posts For Roofs (Landscape Structures® PlayBooster® 111403R)	478.22	34.83
11 68 13 00-1304	EA	118"/8" Deck, Posts For Roofs (Landscape Structures® PlayBooster® 111403S)	450.82	34.83
11 68 13 00-1305	EA	110"/Ground Level, Posts For Roofs (Landscape Structures® PlayBooster® 111403T)	441.69	34.83
11 68 13 00-1306	EA	204"/48" Deck (60" Bury), Posts For CoolToppers, Full Sail (Landscape Structures® PlayBooster® 136689A)	2,620.02	1,254.16
11 68 13 00-1307	EA	212"/56" Deck (60" Bury), Posts For CoolToppers, Full Sail (Landscape Structures® PlayBooster® 136689B)	2,629.16	1,254.16
11 68 13 00-1308	EA	220"/64" - 72" Deck (60" Bury), Posts For CoolToppers, Full Sail (Landscape Structures® PlayBooster® 136689C)	2,647.42	1,254.16
11 68 13 00-1309	EA	264"/64" - 72" Deck (60" Bury), Posts For CoolToppers, Single Post Shade (Landscape Structures® PlayBooster® 154883A)	2,348.67	696.75
11 68 13 00-1310	EA	248"/48" - 56" Deck (60" Bury), Posts For CoolToppers, Single Post Shade (Landscape Structures® PlayBooster® 154883B)	2,293.87	696.75
11 68 13 00-1311	EA	232"/32" - 40" Deck (60" Bury), Posts For CoolToppers, Single Post Shade (Landscape Structures® PlayBooster® 154883C)	2,266.46	696.75
11 68 13 00-1312	EA	220"/16" - 24" Deck (60" Bury), Posts For CoolToppers, Single Post Shade (Landscape Structures® PlayBooster® 154883D)	2,111.19	696.75
11 68 13 00-1313	EA	200"/Ground Level - 8" Deck (60" Bury), Posts For CoolToppers, Single Post Shade (Landscape Structures® PlayBooster® 154883E)	2,074.65	696.75
11 68 13 00-1314	EA	Overhead Events Access/Landing Assembly Seat 8" Deck (Landscape Structures® PlayBooster® 141887A)	733.59	69.68
11 68 13 00-1315	EA	132" Aluminum Posts, End Vertical Ladder (For Use With Ring Bridges) (Landscape Structures® PlayBooster® 116208A)	1,894.64	139.35
11 68 13 00-1316	EA	Square Poly Roof, Without Logo Panels (Landscape Structures® PlayBooster® 118110B)	1,638.89	139.35
11 68 13 00-1317	EA	84" Module, Disc Challenge, Max. 40" Decks, With 3 Handhold Panels (Landscape Structures® PlayBooster® 120873B)	3,942.23	209.03
11 68 13 00-1318	EA	84" Module, Disc Challenge, Max. 40" Decks, With 4 Handhold Panels (Landscape Structures® PlayBooster® 120873C)	4,120.72	209.03
11 68 13 00-1319	EA	123" Module, Disc Challenge, Max. 40" Decks, With 3 Handhold Panels (Landscape Structures® PlayBooster® 121416B)	5,560.77	278.70
11 68 13 00-1320	EA	123" Module, Disc Challenge, Max. 40" Decks, With 4 Handhold Panels (Landscape Structures® PlayBooster® 121416C)	5,195.92	278.70
11 68 13 00-1321	EA	106"/72" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 122718A)	737.24	69.68
11 68 13 00-1322	EA	98"/64" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 122718B)	709.84	69.68
11 68 13 00-1323	EA	90"/56" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 122718C)	682.44	69.68
11 68 13 00-1324	EA	82"/48" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 122718D)	673.30	69.68
11 68 13 00-1325	EA	74"/40" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 122718E)	596.97	34.83
11 68 13 00-1326	EA	66"/32" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 122718F)	578.70	34.83
11 68 13 00-1327	EA	58"/24" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 122718G)	551.30	34.83
11 68 13 00-1328	EA	50"/16" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 122718H)	542.16	34.83
11 68 13 00-1329	EA	42"/8" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 122718I)	533.03	34.83
11 68 13 00-1330	EA	Square Peak Tile Roof, Without Logo Panels (Landscape Structures® PlayBooster® 129816B)	1,821.57	139.35
11 68 13 00-1331	EA	32" Decks, Spring Across Bridge With 4 TenderTuff-coated Handloops (Landscape Structures® PlayBooster® 136156B)	5,927.83	278.70
11 68 13 00-1332	EA	S-Disc Challenge, 123" Module, Disc Challenge, Max. 40" Decks, With 3 Handhold Panels (Landscape Structures® PlayBooster® 136157B)	5,560.77	278.70
11 68 13 00-1333	EA	S-Disc Challenge, 123" Module, Disc Challenge, Max. 40" Decks, With 4 Handhold Panels (Landscape Structures® PlayBooster® 136157C)	5,740.03	278.70
11 68 13 00-1334	EA	Hexagon Tenderdeck, With Extension, Brown Only (Landscape Structures® PlayBooster® 154752A)	5,935.78	278.70
11 68 13 00-1335	EA	The Pinnacle Natural Climber (Landscape Structures® PlayBooster® 156066A)	27,598.96	836.10
11 68 13 00-1336	EA	The Pointe Natural Climber (Landscape Structures® PlayBooster® 156068A)	15,607.34	557.40
11 68 13 00-1337	EA	Natural Elements Climber Handholds, Extension Deck And Kick Panel Set, One Set Required Per Associated Deck (Landscape Structures® PlayBooster® 156070A)	1,376.62	69.68
11 68 13 00-1338	EA	Bridge With Guardrails And Curbs, Bridge Plank Brown Only (Landscape Structures® PlayBooster® 156230A)	4,897.11	209.03
11 68 13 00-1339	EA	Bridge With Guardrails, Without Curbs, Bridge Plank Brown Only (Landscape Structures® PlayBooster® 156230B)	4,403.88	209.03
11 68 13 00-1340	EA	Bridge With Barriers, Bridge Plank Brown Only (Landscape Structures® PlayBooster® 156231A)	5,725.69	278.70
11 68 13 00-1341	EA	Ramp With Guardrails And Curbs, 3-Handrails Per Side (Conforms To ASTM And TUV Standard) (Landscape Structures® PlayBooster® 156232A)	5,515.61	278.70
11 68 13 00-1342	EA	Ramp With Guardrails, Without Curbs, 3-Handrails Per Side, (Conforms To ASTM And TUV Standard) (Landscape Structures® PlayBooster® 156232B)	4,915.38	209.03
11 68 13 00-1343	EA	Ramp With Guardrails And Curbs, 2-Handrails Per Side (Conforms To CSA Standard) (Landscape Structures® PlayBooster® 156232C)	4,677.90	209.03
11 68 13 00-1344	EA	Ramp With Guardrails, Without Curbs, 2-Handrails Per Side, (Conforms To CSA Standard) (Landscape Structures® PlayBooster® 156232D)	4,184.66	209.03
11 68 13 00-1345	EA	Ramp With Barriers, Ramp Plank Brown Only (Landscape Structures® PlayBooster® 156233A)	6,757.84	278.70
11 68 13 00-1346	EA	16" Deck, Pod Climber With One Handhold Panel (Landscape Structures® PlayBooster® 156915A)	737.24	69.68
11 68 13 00-1347	EA	24" Deck, Pod Climber With One Handhold Panel (Landscape Structures® PlayBooster® 156916A)	1,093.47	69.68
11 68 13 00-1348	EA	24" Deck, Pod Climber With One Handhold Panel, And One Handloop (Landscape Structures® PlayBooster® 156916B)	1,212.21	69.68
11 68 13 00-1349	EA	32" To 40" Deck, Pod Climber With Two Handhold Panels (Landscape Structures® PlayBooster® 157427A)	1,830.70	139.35
11 68 13 00-1350	EA	32" To 40" Deck, Pod Climber With Two Handhold Panels, And One Handloop (Landscape Structures® PlayBooster® 157427B)	1,958.58	139.35
11 68 13 00-1351	EA	32" To 40" Deck, Pod Climber With Two Handhold Panels, And One Handrail (Landscape Structures® PlayBooster® 157427C)	2,049.92	139.35
11 68 13 00-1352	EA	32" To 40" Deck, Pod Climber With Two Handhold Panels, One Handloop And One Handrail (Landscape Structures® PlayBooster® 157427D)	2,150.39	139.35
11 68 13 00-1353	EA	Starburst Climber, 64" And 72" Decks, (Direct Bury Only) (Landscape Structures® PlayBooster® 158425A)	3,088.58	209.03
11 68 13 00-1354	EA	Ring-a-Bell Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayBooster® 159459A)	1,958.58	139.35
11 68 13 00-1355	EA	Ring-a-Bell™ Panel For Learning Wall (Landscape Structures® PlayBooster® 159460A)	1,775.90	139.35
11 68 13 00-1356	EA	Stationary Cycler, Pedal Assembly, With Grab Bar, Without Post (Landscape Structures® PlayBooster® 160054A)	1,458.83	69.68
11 68 13 00-1357	EA	Stationary Cycler, Handle Assembly, Without Post (Landscape Structures® PlayBooster® 160054B)	1,139.14	69.68
11 68 13 00-1358	EA	Stationary Cycler, Pedals And Handles, Without Post (Landscape Structures® PlayBooster® 160054C)	2,150.39	139.35
11 68 13 00-1359	EA	Stationary Cycler, Handle Assembly, Accessible, Without Post (Landscape Structures® PlayBooster® 160054D)	1,139.14	69.68

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 13 00-1360	EA	(1) Aluminum Post Gyro Twister Spinners (Landscape Structures® PlayBooster® 160251A)	2,935.91	139.35
11 68 13 00-1361	EA	(1) Steel Post Gyro Twister Spinners (Landscape Structures® PlayBooster® 160251B)	2,908.51	139.35
11 68 13 00-1362	EA	The Peak Natural Climber, 40" Deck (Landscape Structures® PlayBooster® 160420A)	8,956.50	348.38
11 68 13 00-1363	EA	The Peak Natural Climber Connector, Connects Between 32" Deck And 40" Deck (Landscape Structures® PlayBooster® 160421A)	9,422.33	348.38
11 68 13 00-1364	EA	The Stepper Natural Climbing Stone, 24" Deck (Landscape Structures® PlayBooster® 160422A)	4,769.24	209.03
11 68 13 00-1365	EA	64" - 72" Decks, Escalator Climber With Single Barrier With Infill Permalene Panel (Landscape Structures® PlayBooster® 160693A)	5,606.95	278.70
11 68 13 00-1366	EA	Single Barrier Handhold Panel With Infill, Permalene, Panel Only (Landscape Structures® PlayBooster® 160694A)	837.72	69.68
11 68 13 00-1367	EA	Single Connector, 64" - 72" Decks, Escalator Climber Without Posts (Landscape Structures® PlayBooster® 160810A)	4,833.17	209.03
11 68 13 00-1368	EA	Double Connector, 64" - 72" Decks, Escalator Climber Without Posts (Landscape Structures® PlayBooster® 160811A)	9,541.07	348.38
11 68 13 00-1369	EA	RingTangle Climber, 24" - 48" Decks (Landscape Structures® PlayBooster® 164078A)	3,088.58	209.03
11 68 13 00-1370	EA	Bongo Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayBooster® 164092A)	1,312.68	69.68
11 68 13 00-1371	EA	Bongo Panel For Learning Wall (Landscape Structures® PlayBooster® 164093A)	1,184.81	69.68
11 68 13 00-1372	EA	Wheelchair Accessible Bongo Reach Panel, (2-Color Permalene) (Landscape Structures® PlayBooster® 164094A)	1,193.94	69.68
11 68 13 00-1373	EA	Rock-n-Ring Panel, Ground Level Panel (2 Color Permalene) (Landscape Structures® PlayBooster® 164145A)	2,661.89	139.35
11 68 13 00-1374	EA	Rock-n-Ring™ Panel For Learning Wall (Landscape Structures® PlayBooster® 164146A)	2,122.99	139.35
11 68 13 00-1375	EA	Bongo Reach Panel For Learning Wall (Landscape Structures® PlayBooster® 164147A)	1,111.74	69.68
11 68 13 00-1376	EA	Wheelchair Accessible Ring-a-Bell Reach Panel, (2-Color Permalene) (Landscape Structures® PlayBooster® 164148A)	1,294.42	69.68
11 68 13 00-1377	EA	Ring-a-Bell™ Reach Panel For Learning Wall (Landscape Structures® PlayBooster® 164149A)	1,212.21	69.68
11 68 13 00-1378		**Playground Equipment (Landscape Structures® Evos™)** *(11 68 13 00-0356)*		
11 68 13 00-1379	EA	Standard Age-Appropriate Welcome Sign, Ages 5 To 12 (Landscape Structures® Evos™ 158650A)	1,011.26	69.68
11 68 13 00-1380	EA	Customized Name On Age-Appropriate Welcome Sign, Ages 5 To 12 (Landscape Structures® Evos™ 158651A)	1,184.81	69.68
11 68 13 00-1381	EA	Slalom Glider (Direct Bury Only) (Landscape Structures® Evos™ 156456A)	4,522.62	209.03
11 68 13 00-1382	EA	Hang Glider (Direct Bury Only) (Landscape Structures® Evos™ 156465A)	3,490.48	209.03
11 68 13 00-1383	EA	Helix Net Climber (Direct Bury Only) (Landscape Structures® Evos™ 156449A)	8,183.71	197.41
11 68 13 00-1384	EA	Crescent Climber (Direct Bury Only) (Landscape Structures® Evos™ 156461A)	6,337.67	278.70
11 68 13 00-1385	EA	RingTangle Climber With Two E-Pod Steps (Direct Bury Only) (Landscape Structures® Evos™ 156462A)	4,236.20	174.18
11 68 13 00-1386	EA	Web Link Climber (Direct Bury Only) (Landscape Structures® Evos™ 156912A)	8,733.39	209.03
11 68 13 00-1387	EA	Wobble Pod Bouncer (Direct Bury Only) (Landscape Structures® Evos™ 156452A)	2,068.18	139.35
11 68 13 00-1388	EA	Gyro Twister Spinner (Direct Bury Only) (Landscape Structures® Evos™ 156459A)	2,686.03	104.51
11 68 13 00-1389	EA	E-Pod Step (Landscape Structures® Evos™ 156454A)	421.79	23.23
11 68 13 00-1390	EA	Cycler With E-Pod Step (Direct Bury Only) (Landscape Structures® Evos™ 156467A)	1,897.26	69.68
11 68 13 00-1391	EA	8" Pod, With One E-Pod Step, Noodle Pod Steps (Direct Bury Only) (Landscape Structures® Evos™ 156959A)	1,374.99	58.06
11 68 13 00-1392	EA	16" Pod, With One E-Pod Step, Noodle Pod Steps (Direct Bury Only) (Landscape Structures® Evos™ 156959B)	1,384.13	58.06
11 68 13 00-1393	EA	24" Pod, With One E-Pod Step, Noodle Pod Steps (Direct Bury Only) (Landscape Structures® Evos™ 156959C)	1,393.26	58.06
11 68 13 00-1394	EA	Swiggle Stix Bridge (Direct Bury Only) (Landscape Structures® Evos™ 156450A)	7,866.30	313.54
11 68 13 00-1395	EA	PodStomper Bridge (Direct Bury Only) (Landscape Structures® Evos™ 156464A)	8,103.15	209.03
11 68 13 00-1396	EA	ArcOver Ladder With Two E-Pod Steps, Overhead Events (Direct Bury Only) (Landscape Structures® Evos™ 156457A)	3,547.89	139.35
11 68 13 00-1397	EA	Bow Ladder With Four E-Pod Steps, Overhead Events (Landscape Structures® Evos™ 156463A)	3,806.27	69.68
11 68 13 00-1398	EA	2-Arch Mainstructure With Hemisphere Climber And O-Zone Climber (Landscape Structures® Evos™ 156436A)	33,262.04	836.10
11 68 13 00-1399	EA	3-Arch Mainstructure, Small (Landscape Structures® Evos™ 157106A)	37,521.04	1,254.16
11 68 13 00-1400	EA	Additional Small Arch For Mainstructure, #3 Only (Landscape Structures® Evos™ 156545A)	4,268.14	418.06
11 68 13 00-1401	EA	16" Pod, With Two E-Pod Steps, Noodle Pod Steps (Direct Bury Only) (Landscape Structures® Evos™ 164156A)	1,931.17	139.35
11 68 13 00-1402	EA	24" Pod, With Two E-Pod Steps, Noodle Pod Steps (Direct Bury Only) (Landscape Structures® Evos™ 164156B)	1,949.44	139.35
11 68 13 00-1403	EA	Ring-a-Bell Reach Panel (2-Color Permalene) (Landscape Structures® Evos™ 164150A)	1,294.42	69.68
11 68 13 00-1404	EA	Bongo Reach Panel (2-Color Permalene) (Landscape Structures® Evos™ 164095A)	1,193.94	69.68
11 68 13 00-1405	EA	Noodle Post, 1 Post Only (Direct Bury Only) (Landscape Structures® Evos™ 161774A)	1,020.40	69.68
11 68 13 00-1406	EA	Periscope Reach Panel (2-Color Permalene) (Landscape Structures® Evos™ 161775A)	2,113.85	139.35
11 68 13 00-1407	EA	Match 3 Reach Panel (2-Color Permalene) (Landscape Structures® Evos™ 161776A)	1,093.47	69.68
11 68 13 00-1408	EA	Chimes Reach Panel (Landscape Structures® Evos™ 161777A)	1,766.76	139.35
11 68 13 00-1409	EA	Trail Tracker Reach Panel (2-Color Permalene) (Landscape Structures® Evos™ 161778A)	691.57	69.68
11 68 13 00-1410	EA	Navigator Reach Panel (2-Color Permalene) (Landscape Structures® Evos™ 161779A)	947.32	69.68
11 68 13 00-1411	EA	Image Reach Panel, 75 Play Blocks (Landscape Structures® Evos™ 161780A)	1,221.34	69.68
11 68 13 00-1412	EA	Chatter Noodle Talk Tube Kit, Two Noodle Posts And Tubing (Direct Bury Only) (Landscape Structures® Evos™ 156453A)	2,853.71	139.35
11 68 13 00-1413	EA	Blender Spinner (Direct Bury Only) (Landscape Structures® Evos™ 156460A)	3,490.48	209.03
11 68 13 00-1414	EA	BalanceWinder Climber (Direct Bury Only) (Landscape Structures® Evos™ 160252A)	6,182.39	278.70
11 68 13 00-1415	EA	Overhead Explorer Parallel Bar, With (1) E-Pod Step, Overhead Events (Direct Bury Only) (Landscape Structures® Evos™ 160253A)	2,543.15	139.35
11 68 13 00-1416	EA	Overhead Trekker Ladder, With (1) E-Pod Step, Overhead Events (Direct Bury Only) (Landscape Structures® Evos™ 160254A)	2,771.50	139.35
11 68 13 00-1417	EA	3-Arch Mainstructure, Large With Hemisphere Climber And O-Zone Climber (Landscape Structures® Evos™ 160356A)	38,050.82	1,254.16
11 68 13 00-1418	EA	4-Arch Mainstructure With Hemisphere Climber And O-Zone Climber (Landscape Structures® Evos™ 160357A)	41,613.08	1,254.16
11 68 13 00-1419	EA	Additional Large Arch For Mainstructure, #4 Only (Landscape Structures® Evos™ 160358A)	4,431.28	209.03
11 68 13 00-1420	EA	Additional Arches For Mainstructure, #3 And #4 Only (Landscape Structures® Evos™ 160359A)	8,234.91	348.38
11 68 13 00-1421	EA	Power Lifter Chinning Bar (Landscape Structures® Evos™ 160208A)	1,976.84	139.35
11 68 13 00-1422	EA	Accessible Power Lifter Chinning Bar (Landscape Structures® Evos™ 160209A)	2,479.21	139.35
11 68 13 00-1423	EA	TwirlWind Turning Bar (Landscape Structures® Evos™ 160210A)	2,479.21	139.35
11 68 13 00-1424		**Playground Equipment (Landscape Structures® Weevos™)** *(11 68 13 00-0356)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 13 00-1425	EA	Safety Sign, Weevos Welcome Sign, Ages 2 to 5, Direct Bury (Landscape Structures® Weevos™ 164529A)	1,011.26	69.68
11 68 13 00-1426	EA	ChitterChatter Noodle™ Talk Tube Kit (Landscape Structures® Weevos™ 164177A)	2,588.82	139.35
11 68 13 00-1427		**Playground Equipment (Landscape Structures® Parts)** *(11 68 13 00-0356)*		
11 68 13 00-1428	EA	52-9/16" Long, TenderTuff-Coated Chain, Brown, Full-Bucket Seat (8') (Landscape Structures® 160110A)	111.04	34.83
11 68 13 00-1429	EA	66-15/16" Long, TenderTuff-Coated Chain, Brown, Front Chain for Molded Bucket Seat (8') (Landscape Structures® 160112A)	116.52	34.83
11 68 13 00-1430	EA	Pivot Block Swing Hardware With Bearing For Molded Bucket Seat (Landscape Structures® 160307A)	109.21	34.83
11 68 13 00-1431	EA	Play It Safe Label, 2-5 Years (Landscape Structures® 156845A)	13.44	6.97
11 68 13 00-1432	EA	Play It Safe Label, 2-12 Years (Landscape Structures® 156846A)	13.44	6.97
11 68 13 00-1433	EA	Play It Safe Label, 5-12 Years (Landscape Structures® 156847A)	13.44	6.97
11 68 13 00-1434	EA	Play It Safe Label, 8-12 Years (Landscape Structures® 156848A)	13.44	6.97
11 68 13 00-1435	EA	D-Ring with Stainless Steel Bolt Link, Brown TenderTuff-coated Only (Landscape Structures® 130923A)	169.49	34.83
11 68 13 00-1436	EA	(2) Stainless Steel Double Clevis Swing Hardware With Bolts (Landscape Structures® 132634A)	87.17	13.94
11 68 13 00-1437	EA	(2) Stainless Steel Bolt Links Swing Hardware With Bolts For Use With TenderTuff-Coated Chain (Landscape Structures® 132635A)	54.29	13.94
11 68 13 00-1438	EA	(2) Stainless Steel Bolt Links Swing Hardware With Bolts And Chain Spacers For Use With Uncoated Chain (Landscape Structures® 132672A)	56.11	13.94
11 68 13 00-1439	EA	2-3/8" Pipe, Swing Hangers, Excludes Chain (Landscape Structures® 136065A)	111.24	17.42
11 68 13 00-1440	EA	3-1/2" Pipe, Swing Hangers, Excludes Chain (Landscape Structures® 136066A)	111.24	17.42
11 68 13 00-1441	EA	TenderTuff Repair Kit (Landscape Structures® 138717A)	11.87	
11 68 13 00-1442	EA	Anti-Wrap, 2-3/8" Pipe, Swing Hangers, Excludes Chain (Landscape Structures® 140739A)	145.95	17.42
11 68 13 00-1443	EA	(2) Aluminum Clevis Swing Hardware For Anti-Wrap Hanger With Bolts (Landscape Structures® 141267A)	92.65	13.94
11 68 13 00-1444	EA	65" Long, TenderTuff-Coated Chain, Brown, Half-Bucket Seat (8') (Landscape Structures® 141730A)	114.69	34.83
11 68 13 00-1445	EA	43-3/16" Long, TenderTuff-Coated Chain, Brown, Half-Bucket Seat (6') Toddler Swing (Landscape Structures® 141739A)	104.64	34.83
11 68 13 00-1446	EA	87-13/16" Long, TenderTuff-Coated Chain, Brown, Half-Bucket Seat (10') (Landscape Structures® 141766A)	140.27	34.83
11 68 13 00-1447	EA	29-7/8" Long, TenderTuff-Coated Chain, Brown, Full-Bucket Seat (6') Toddler Swing (Landscape Structures® 152016A)	100.08	34.83
11 68 13 00-1448	EA	49-13/16" Long, TenderTuff-Coated Chain, Brown, Tire Swing, Half-Bucket Seat (7') 2" Arch Swing (Landscape Structures® 152048A)	109.21	34.83
11 68 13 00-1449	EA	67-7/8" Long, TenderTuff-Coated Chain, Brown, Belt Seat (8'), Flat Seat (8') (Landscape Structures® 152050A)	118.34	34.83
11 68 13 00-1450	EA	76-7/16" Long, TenderTuff-Coated Chain, Brown, Full-Bucket Seat (10') (Landscape Structures® 152051A)	127.48	34.83
11 68 13 00-1451	EA	90-11/16" Long, TenderTuff-Coated Chain, Brown, Belt Seat (10'), Flat Seat (10'), 16" Deck Ascending Chain (Landscape Structures® 152052A)	145.75	34.83
11 68 13 00-1452	EA	37-1/2" Long, TenderTuff-Coated Chain, Brown, Full-Bucket Seat (7') 2" Arch Swing (Landscape Structures® 152053A)	102.82	34.83
11 68 13 00-1453	EA	121-1/16" Long, TenderTuff-Coated Chain, Brown, Rear Chain for Molded Bucket Seat (8') (Landscape Structures® 152067A)	167.67	34.83
11 68 13 00-1454	EA	Tire Swing Hanger, Stainless Steel, Excludes Chain, 1997 And Later (Landscape Structures® 121609A)	819.45	69.68
11 68 13 00-1455	EA	Twin Rim Basketball Goal And Chain Net (Landscape Structures® 100080A)	322.95	34.83
11 68 13 00-1456	EA	Twin Rim Basketball Goal And Nylon Net (Landscape Structures® 100081A)	313.81	34.83
11 68 13 00-1457	EA	Nylon Basketball Net (Landscape Structures® 100082A)	54.61	17.42
11 68 13 00-1458	EA	Chain Basketball Net (Landscape Structures® 100083A)	67.39	17.42
11 68 13 00-1459	EA	Basketball Frame Set Only, Moveable (Landscape Structures® 100099A)	1,458.83	69.68
11 68 13 00-1460	EA	Basketball Frame Set Only, Direct Bury (Landscape Structures® 100100A)	1,212.21	69.68
11 68 13 00-1461	EA	Warning Label (Landscape Structures® 115176A)	0.18	
11 68 13 00-1462	EA	PS Spare Parts Kit (Landscape Structures® 107040A)	62.11	
11 68 13 00-1463	EA	PB Spare Parts Kit (Landscape Structures® 107043A)	135.18	
11 68 13 00-1464	EA	Tire With Ring And Hardware, Excludes Chain (Landscape Structures® 107329A)	801.18	69.68
11 68 13 00-1465	EA	5" Swing Hanger Clamp Assembly, Complete, Excludes Chain (Landscape Structures® 111418A)	169.49	34.83
11 68 13 00-1466	EA	Tire Swing Hanger, Stainless Steel, Excludes Chain, 1996 And Prior (Landscape Structures® 116997A)	947.32	69.68
11 68 13 00-1467		**Playground Equipment (Landscape Structures® Site Furniture)** *(11 68 13 00-0356)*		
11 68 13 00-1468	EA	60" Recycled Contour Series Bench With Back, Surface Mount (Landscape Structures® 111640A)	1,582.45	127.73
11 68 13 00-1469	EA	60" Recycled Contour Series Bench Without Back, Surface Mount (Landscape Structures® 111640B)	822.69	104.51
11 68 13 00-1470	EA	60" Recycled Contour Series Bench With Back, Direct Bury (Landscape Structures® 111640C)	1,390.64	127.73
11 68 13 00-1471	EA	60" Recycled Contour Series Bench Without Back, Direct Bury (Landscape Structures® 111640D)	804.43	104.51
11 68 13 00-1472	EA	96" Recycled Contour Series Bench With Back, Surface Mount (Landscape Structures® 111640E)	2,267.50	127.73
11 68 13 00-1473	EA	96" Recycled Contour Series Bench Without Back, Surface Mount (Landscape Structures® 111640F)	1,069.31	104.51
11 68 13 00-1474	EA	96" Recycled Contour Series Bench With Back, Direct Bury (Landscape Structures® 111640G)	1,975.22	127.73
11 68 13 00-1475	EA	96" Recycled Contour Series Bench Without Back, Direct Bury (Landscape Structures® 111640H)	1,041.91	104.51
11 68 13 00-1476	EA	Optional Brown Dome, Litter Receptacle (Landscape Structures® 100095A)	393.40	104.51
11 68 13 00-1477	EA	32-Gallon Polyethylene Container, Litter Receptacle (Landscape Structures® 141682A)	243.60	104.51
11 68 13 00-1478	EA	Optional Cover for TenderTuff-Coated Litter Receptacle (Landscape Structures® 141686A)	294.96	92.90
11 68 13 00-1479	EA	Litter Receptacle With Recycled Polyethylene Slats and Liner, (Direct Bury Only) (Landscape Structures® 100094A)	996.24	104.51
11 68 13 00-1480	EA	Litter Receptacle With TenderTuff-Coated Panels and Liner, Direct Bury (Landscape Structures® 141685A)	857.61	92.90
11 68 13 00-1481	EA	Litter Receptacle With TenderTuff-Coated Panels and Liner, Surface Mount (Landscape Structures® 141685B)	857.61	92.90
11 68 13 00-1482	EA	Loop Rack, Direct Bury, Powdercoated (Landscape Structures® 100102A)	518.03	69.68
11 68 13 00-1483	EA	Loop Rack, Direct Bury, TenderTuff-Coated (Landscape Structures® 100102B)	764.64	69.68
11 68 13 00-1484	EA	60" Poly Picnic Table, (2) 60" Seats, Moveable (Landscape Structures® 113139A)	2,526.16	348.38
11 68 13 00-1485	EA	60" Poly Picnic Table, (1) 60" Seat (2) 14" Seats, Moveable (Landscape Structures® 113139B)	2,434.82	348.38
11 68 13 00-1486	EA	60" Poly Picnic Table, (4) 14" Seats, Moveable (Landscape Structures® 113139C)	2,306.95	348.38
11 68 13 00-1487	EA	84" Poly Picnic Table, (2) 60" Seats, Moveable (Landscape Structures® 113139D)	3,138.14	348.38
11 68 13 00-1488	EA	84" Poly Picnic Table, (1) 60" Seat, (2) 14" Seats, Moveable (Landscape Structures® 113139E)	3,037.67	348.38
11 68 13 00-1489	EA	84" Poly Picnic Table, (4) 14" Seats, Moveable (Landscape Structures® 113139F)	2,900.66	348.38
11 68 13 00-1490	EA	60" Poly Picnic Table, (2) 60" Seats, Direct Bury (Landscape Structures® 113139G)	2,644.90	348.38
11 68 13 00-1491	EA	60" Poly Picnic Table, (1) 60" Seat, (2) 14" Seats, Direct Bury (Landscape Structures® 113139H)	2,526.16	348.38

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 13 00-1492	EA	60" Poly Picnic Table, (4) 14" Seats, Direct Bury (Landscape Structures® 113139I)	2,398.29	348.38
11 68 13 00-1493	EA	84" Poly Picnic Table, (2) 60" Seats, Direct Bury (Landscape Structures® 113139J)	3,256.88	348.38
11 68 13 00-1494	EA	84" Poly Picnic Table, (1) 60" Seat, (2) 14" Seats, Direct Bury (Landscape Structures® 113139K)	3,138.14	348.38
11 68 13 00-1495	EA	84" Poly Picnic Table, (4) 14" Seats, Direct Bury (Landscape Structures® 113139L)	2,992.00	348.38
11 68 13 00-1496	EA	70" Recycled Polyethylene Bench Without Back, 2 x 4 Recycled Polyethylene Slats, Direct Bury (Landscape Structures® 100088A)	822.69	104.51
11 68 13 00-1497	EA	70" Recycled Polyethylene Bench Without Back, 2 x 4 Recycled Polyethylene Slats, Surface Mount (Landscape Structures® 100088B)	904.90	104.51
11 68 13 00-1498	EA	94" Recycled Polyethylene Bench Without Back, 2 x 4 Recycled Polyethylene Slats, Direct Bury (Landscape Structures® 100088C)	886.63	104.51
11 68 13 00-1499	EA	94" Recycled Polyethylene Bench Without Back, 2 x 4 Recycled Polyethylene Slats, Surface Mount (Landscape Structures® 100088D)	968.84	104.51
11 68 13 00-1500	EA	70" Recycled Polyethylene Bench With Back, 2 x 4 Recycled Polyethylene Slats, Surface Mount (Landscape Structures® 100088E)	1,206.32	104.51
11 68 13 00-1501	EA	70" Recycled Polyethylene Bench With Back, 2 x 4 Recycled Polyethylene Slats, Direct Bury (Landscape Structures® 100088F)	1,124.12	104.51
11 68 13 00-1502	EA	94" Recycled Polyethylene Bench With Back, 2 x 4 Recycled Polyethylene Slats, Surface Mount (Landscape Structures® 100088G)	1,279.39	104.51
11 68 13 00-1503	EA	94" Recycled Polyethylene Bench With Back, 2 x 4 Recycled Polyethylene Slats, Direct Bury (Landscape Structures® 100088H)	1,197.19	104.51
11 68 13 00-1504	EA	Arm Rest, 1 Only, Fits All Benches With Back (Landscape Structures® 114767A)	169.69	23.23
11 68 13 00-1505	EA	72", TenderTuff-Coated Steel Bench With Back, Direct Bury (Landscape Structures® 141683A)	837.72	69.68
11 68 13 00-1506	EA	72", TenderTuff-Coated Steel Bench With Back, Surface Mount (Landscape Structures® 141683B)	855.98	69.68
11 68 13 00-1507	EA	72", TenderTuff-Coated Steel Bench Without Back, Direct Bury (Landscape Structures® 141683C)	545.43	69.68
11 68 13 00-1508	EA	72", TenderTuff-Coated Steel Bench Without Back, Surface Mount (Landscape Structures® 141683D)	572.83	69.68
11 68 13 00-1509	EA	92", TenderTuff-Coated Steel Bench With Back, Direct Bury (Landscape Structures® 141683E)	855.98	69.68
11 68 13 00-1510	EA	92", TenderTuff-Coated Steel Bench With Back, Surface Mount (Landscape Structures® 141683F)	892.52	69.68
11 68 13 00-1511	EA	92", TenderTuff-Coated Steel Bench Without Back, Direct Bury (Landscape Structures® 141683G)	572.83	69.68
11 68 13 00-1512	EA	92", TenderTuff-Coated Steel Bench Without Back, Surface Mount (Landscape Structures® 141683H)	609.37	69.68
11 68 13 00-1513	EA	72" TenderTuff-Coated Picnic Table, (2) 72" Seats, TenderTuff-Coated Steel, Moveable (Landscape Structures® 141684A)	1,971.62	278.70
11 68 13 00-1514	EA	72" TenderTuff-Coated Picnic Table, (2) 72" Seats, TenderTuff-Coated Steel, Direct Bury (Landscape Structures® 141684B)	2,062.96	278.70
11 68 13 00-1515	EA	92" TenderTuff-Coated Picnic Table, (2) 92" Seats, TenderTuff-Coated Steel, Moveable (Landscape Structures® 141684C)	2,072.09	278.70
11 68 13 00-1516	EA	92" TenderTuff-Coated Picnic Table, (2) 92" Seats, TenderTuff-Coated Steel, Direct Bury (Landscape Structures® 141684D)	2,209.10	278.70
11 68 13 00-1517	EA	92" TenderTuff-Coated Picnic Table, (2) 72" Seats, TenderTuff-Coated Steel, Moveable (Landscape Structures® 141684E)	2,026.42	278.70
11 68 13 00-1518	EA	92" TenderTuff-Coated Picnic Table, (2) 72" Seats, TenderTuff-Coated Steel, Direct Bury (Landscape Structures® 141684F)	2,136.03	278.70
11 68 13 00-1519	EA	Square Picnic Table With 4 Seats, TenderTuff-Coated Steel, Movable (Landscape Structures® 154345A)	1,868.23	58.06
11 68 13 00-1520	EA	Square Picnic Table With 3 Seats, TenderTuff-Coated Steel, Movable (Landscape Structures® 154345B)	1,694.68	58.06
11 68 13 00-1521	EA	Square Picnic Table With 2 Seats, TenderTuff-Coated Steel, Movable (Landscape Structures® 154345C)	1,548.54	58.06
11 68 13 00-1522	EA	Kish Valley Grill, (Direct Bury Only) (Landscape Structures® 100101A)	828.58	69.68
11 68 13 00-1523	EA	Loop Rack, Surface Mount, Powdercoated (Landscape Structures® 100102C)	709.84	69.68
11 68 13 00-1524	EA	Loop Rack, Surface Mount, TenderTuff-Coated (Landscape Structures® 100102D)	956.46	69.68
11 68 13 00-1525		Playground Equipment (Little Tikes) *(11 68 13)*		
11 68 13 00-1526	EA	Kid Builders Play Structure (Little Tikes 80)	135,472.42	7,418.77
11 68 13 00-1527	EA	Kid Builders Ship (Little Tikes 81)	70,532.00	3,854.53
11 68 13 00-1528	EA	Kid Builders Ship (Little Tikes 81, Version 2)	73,555.24	4,020.58
11 68 13 00-1529	EA	Kid Builders Ship (Little Tikes 82)	47,615.11	2,603.69
11 68 13 00-1530	EA	Kid Builders Play (Little Tikes 82, Version 2)	48,342.28	2,642.44
11 68 13 00-1531	EA	Kid Builders Castle (Little Tikes 83)	23,439.53	1,280.24
11 68 13 00-1532	EA	Kid Builders Castle (Little Tikes 84)	172,625.70	9,431.39
11 68 13 00-1533	EA	Kid Builders Castle (Little Tikes 85)	94,242.68	5,154.40
11 68 13 00-1534	EA	Kid Builders Frontier Village (Little Tikes 86, Phase 1)	45,922.78	2,511.42
11 68 13 00-1535	EA	Kid Builders Frontier Village (Little Tikes 86, Phase 2)	55,566.13	3,041.34
11 68 13 00-1536	EA	Kid Builders Frontier Village (Little Tikes 87)	47,715.56	2,607.51
11 68 13 00-1537	EA	Kid Builders Play Structure (Little Tikes 88, Phase 1)	88,472.85	4,844.49
11 68 13 00-1538	EA	Kid Builders Play Structure (Little Tikes 88, Phase 2)	38,181.72	2,085.99
11 68 13 00-1539	EA	Kid Builders Play Structure (Little Tikes 89)	101,657.65	5,558.29
11 68 13 00-1540	EA	Kid Builders Play Structure (Little Tikes 89, Version 2)	87,953.30	4,805.09
11 68 13 00-1541	EA	Kid Builders Play Structure (Little Tikes 90)	103,615.31	5,664.88
11 68 13 00-1542	EA	Kid Builders Play Structure (Little Tikes 91, Phase 1)	51,571.85	2,818.90
11 68 13 00-1543	EA	Kid Builders Play Structure (Little Tikes 91, Phase 2)	46,106.60	2,522.15
11 68 13 00-1544	EA	Kid Builders Play Structure (Little Tikes 92, Phase 1)	35,009.04	1,914.84
11 68 13 00-1545	EA	Kid Builders Play Structure (Little Tikes 92, Phase 2)	45,013.14	2,462.58
11 68 13 00-1546	EA	Kid Builders Play Structure (Little Tikes 93)	41,316.82	2,261.60
11 68 13 00-1547	EA	Kid Builders Play Structure (Little Tikes 94)	52,832.55	2,892.48
11 68 13 00-1548	EA	Kid Builders Play Structure (Little Tikes 95)	46,045.89	2,515.03
11 68 13 00-1549	EA	Kid Builders Play Structure (Little Tikes 96)	52,094.63	2,850.65
11 68 13 00-1550	EA	Kid Builders Play Structure (Little Tikes 97)	104,198.55	5,701.30
11 68 13 00-1551	EA	Kid Builders Play Structure (Little Tikes 98)	115,900.52	6,332.51
11 68 13 00-1552	EA	Kid Builders Play Structure (Little Tikes 99)	92,106.08	5,037.19
11 68 13 00-1553		Playground Equipment (GameTime) *(11 68 13)*		
11 68 13 00-1554		Playground Equipment (GameTime Models 200 To 8538) *(11 68 13 00-1553)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 13 00-1555	EA	Four Seat Buck-A-Bout (GameTime 200)	3,060.26	418.06
11 68 13 00-1556	EA	5 Goose/Brkaway Wh Alum (GameTime 201SS)	2,654.51	473.79
11 68 13 00-1557	EA	4 Goose/Dbl Wh Alum (GameTime 203SS)	2,402.05	428.50
11 68 13 00-1558	EA	5 Goose/Dbl Rim Wh Alum (GameTime 205SS)	2,452.05	437.80
11 68 13 00-1559	EA	Top (GameTime 211)	10.66	2.32
11 68 13 00-1560	EA	Clevis (GameTime 213)	8.79	1.16
11 68 13 00-1561	EA	Two Seat Buck-A-Bout (GameTime 243)	3,505.24	418.06
11 68 13 00-1562	EA	Hi Sch Goose Goalposts-Wh (GameTime 250SS)	11,040.49	1,970.65
11 68 13 00-1563	EA	Hi Sch Goose Goalposts-Yw (GameTime 251SS)	11,040.49	1,970.65
11 68 13 00-1564	EA	Two-Leg Portable Bench, 6' (GameTime 252)	1,182.29	211.35
11 68 13 00-1565	EA	Two-Leg Portable Bench, 8' (GameTime 253)	1,387.25	247.34
11 68 13 00-1566	EA	Whirl With Mechanical Brake (GameTime 325)	3,548.82	418.06
11 68 13 00-1567	EA	Scrambler Whirl With Mechanical Brake (GameTime 895)	3,096.73	418.06
11 68 13 00-1568	EA	Whirl With Hydraulic Brake (GameTime 919)	6,202.58	418.06
11 68 13 00-1569	EA	Space Whirl (GameTime 6118)	7,562.23	418.06
11 68 13 00-1570	EA	Satellite Climber Painted (GameTime P607)	3,714.50	557.40
11 68 13 00-1571	EA	Space Module (GameTime 618)	4,142.83	418.06
11 68 13 00-1572	EA	Dome Climber (GameTime 655)	1,632.20	278.70
11 68 13 00-1573	EA	Eagle's Perch (GameTime 657)	3,616.71	418.06
11 68 13 00-1574	EA	Deluxe Mountain Climber Painted (GameTime P988)	3,828.62	418.06
11 68 13 00-1575	EA	Space Loop Climb (GameTime 6415)	3,591.74	557.40
11 68 13 00-1576	EA	Star Gazer (GameTime 6486)	3,789.04	557.40
11 68 13 00-1577	EA	Space Arch (GameTime 6510)	1,424.68	278.70
11 68 13 00-1578	EA	Critter Climber (GameTime 402)	3,679.43	557.40
11 68 13 00-1579	EA	Bunker Hill 4-Way Climber (GameTime P554)	3,297.99	557.40
11 68 13 00-1580	EA	Rainbow Climber Painted (GameTime P910)	1,484.60	278.70
11 68 13 00-1581	EA	Giant Muscle Man Climber Painted (GameTime P954)	6,152.31	418.06
11 68 13 00-1582	EA	Muscle Man Painted (GameTime P9630	4,905.10	1,114.80
11 68 13 00-1583	EA	Wum Climber (GameTime 6484)	5,955.01	418.06
11 68 13 00-1584	EA	2 Way Coaster Climber (GameTime 6487)	2,229.80	418.06
11 68 13 00-1585	EA	Li'l Wum Climber (GameTime 6584)	3,647.53	278.70
11 68 13 00-1586	EA	4 Way Coaster Climber (GameTime 6587)	3,848.96	557.40
11 68 13 00-1587	EA	Choo-Choo Climber (GameTime 7000)	6,538.13	418.06
11 68 13 00-1588	EA	Caboose Climber (GameTime 7001)	6,752.96	418.06
11 68 13 00-1589	EA	Fire Engine Climber (GameTime 7002)	7,464.68	418.06
11 68 13 00-1590	EA	T-Frame Swing Painted (GameTime P831)	1,957.37	278.70
11 68 13 00-1591	EA	Super Seat-2 (GameTime 999)	268.85	69.68
11 68 13 00-1592	EA	Belt Seat (GameTime 1047)	230.67	69.68
11 68 13 00-1593	EA	Enclosed Tot Seat (GameTime 8520)	341.74	69.68
11 68 13 00-1594	EA	Adaptive Swing With Rungs, 2-3/8" (GameTime 8530)	1,054.86	139.35
11 68 13 00-1595	EA	Adaptive Swing With Chain, 2-3/8" (GameTime 8531)	832.72	139.35
11 68 13 00-1596	EA	Adaptive Swing With Coated Chain, 2-3/8" (GameTime 8532)	931.64	139.35
11 68 13 00-1597	EA	Adaptive Swing With Rungs, 3-1/2" (GameTime 8536)	1,054.86	139.35
11 68 13 00-1598	EA	Adaptive Swing With Chain, 3-1/2" (GameTime 8537)	832.72	139.35
11 68 13 00-1599	EA	Adaptive Swing With Coated Chain, 3-1/2" (GameTime 8538)	931.64	139.35
11 68 13 00-1600		Playground Equipment (GameTime Models 8659 To 16809) *(11 68 13 00-1553)*		
11 68 13 00-1601	EA	Side Stepper (GameTime 8683)	2,007.79	278.70
11 68 13 00-1602	EA	Side Stepper (GameTime 8687)	2,336.61	278.70
11 68 13 00-1603	EA	Tire Swing (GameTime 10777)	4,726.92	557.40
11 68 13 00-1604	EA	Tire Swing Add-A-Bay (GameTime 10778)	3,229.92	278.70
11 68 13 00-1605	EA	Two-Place Swing (GameTime 10847)	3,768.40	557.40
11 68 13 00-1606	EA	Two-Place Swing Add-A-Bay (GameTime 10848)	2,338.81	278.70
11 68 13 00-1607	EA	Adaptive Swing Seat (GameTime 10178)	1,072.21	139.35
11 68 13 00-1608	EA	Single Place HandiSwing (GameTime 10390)	5,022.86	557.40
11 68 13 00-1609	EA	Single Add-A-Bay HandiSwing (GameTime 10391)	3,442.01	278.70
11 68 13 00-1610	EA	Single Post Swing (GameTime 10740)	1,737.48	418.06
11 68 13 00-1611	EA	Single Post Add-A-Bay (GameTime 10741)	1,194.50	278.70
11 68 13 00-1612	EA	Super Seat-2 With Clevis (GameTime 8690)	282.73	69.68
11 68 13 00-1613	EA	Belt Seat With Clevis (GameTime 8691)	232.41	69.68
11 68 13 00-1614	EA	Enclosed Tot Seat With Clevis (GameTime 8693)	369.51	69.68
11 68 13 00-1615	EA	Enclosed Tot Seat With Clevis, 2-3/8" (GameTime CC8695)	607.27	69.68
11 68 13 00-1616	EA	Enclosed Tot Seat With Clevis, 2-3/8" (GameTime 8695)	520.49	69.68
11 68 13 00-1617	EA	Enclosed Tot Seat With Clevis, 3-1/2" (GameTime CC8696)	619.41	69.68
11 68 13 00-1618	EA	Enclosed Tot Seat With Clevis, 3-1/2" (GameTime 8696)	532.64	69.68
11 68 13 00-1619	EA	Super Seat-2 With Clevis, 2-3/8" (GameTime 8904)	461.49	69.68
11 68 13 00-1620	EA	Super Seat-2 With Clevis, 2-3/8" (GameTime 8905)	471.90	69.68
11 68 13 00-1621	EA	Super Seat-2 With Clevis, 3-1/2" (GameTime 8906)	473.63	69.68
11 68 13 00-1622	EA	Super Seat-2 With Clevis, 3-1/2" (GameTime 8907)	484.05	69.68
11 68 13 00-1623	EA	Belt Seat With Clevis, 2-3/8" (GameTime CC8908)	496.20	69.68
11 68 13 00-1624	EA	Belt Seat With Clevis, 2-3/8" (GameTime 8908)	409.42	69.68
11 68 13 00-1625	EA	Belt Seat With Clevis, 2-3/8" (GameTime CC8909)	520.49	69.68
11 68 13 00-1626	EA	Belt Seat With Clevis, 2-3/8" (GameTime 8909)	419.84	69.68
11 68 13 00-1627	EA	Belt Seat With Clevis, 3-1/2" (GameTime CC8910)	508.34	69.68
11 68 13 00-1628	EA	Belt Seat With Clevis, 3-1/2" (GameTime 8910)	527.91	69.68
11 68 13 00-1629	EA	Belt Seat With Clevis, 3-1/2" (GameTime CC8911)	532.64	69.68
11 68 13 00-1630	EA	Belt Seat With Clevis, 3-1/2" (GameTime 8911)	431.98	69.68
11 68 13 00-1631	EA	Handi-Swing Seat, 2-3/8" (GameTime 8912)	1,644.77	209.03
11 68 13 00-1632	EA	Handi-Swing Seat, 3-1/2" (GameTime 8913)	1,656.92	209.03
11 68 13 00-1633	EA	Enclosed Tot Seat (GameTime CC8914)	631.56	69.68

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 13 00-1634	EA	Enclosed Tot Seat (GameTime 8914)	560.41	69.68
11 68 13 00-1635	EA	Super Seat-2 (GameTime 8917)	501.40	69.68
11 68 13 00-1636	EA	Belt Seat (GameTime CC8918)	536.11	69.68
11 68 13 00-1637	EA	Belt Seat (GameTime 8918)	449.34	69.68
11 68 13 00-1638	EA	Super Seat, 2-3/8" (GameTime CC8924)	548.26	69.68
11 68 13 00-1639	EA	Super Seat, 2-3/8" (GameTime CC8925)	572.56	69.68
11 68 13 00-1640	EA	Super Seat, 3-1/2" (GameTime CC8926)	560.41	69.68
11 68 13 00-1641	EA	Super Seat-2, 3-1/2" (GameTime CC8927)	584.70	69.68
11 68 13 00-1642	EA	Super Seat-2, 2-3/8" (GameTime CC8929)	588.18	69.68
11 68 13 00-1643	EA	Handi-Swing Seat, 2-3/8" (GameTime 9802)	1,606.59	209.03
11 68 13 00-1644	EA	Handi-Swing Seat, 3-1/2" (GameTime 9803)	1,618.74	209.03
11 68 13 00-1645		**Playground Equipment (GameTime Models 16811 To 80110)** *(11 68 13 00-1553)*		
11 68 13 00-1646	EA	Adaptive Swing Safety Belt (GameTime 17247)	209.04	34.83
11 68 13 00-1647	EA	Adapt Swing Seat (GameTime 17255)	716.60	69.68
11 68 13 00-1648	EA	Adapt Swing Seat (GameTime 17256)	952.47	139.35
11 68 13 00-1649		**Playground Equipment (GameTime Models >81654)** *(11 68 13 00-1553)*		
11 68 13 00-1650	EA	S.S. Spiral Without Arch (GameTime 81729)	28,055.85	4,459.21
11 68 13 00-1651	EA	S.S. Spiral With Arch (GameTime 81730)	28,705.28	4,459.21
11 68 13 00-1652	EA	Rockslide Without Arch (GameTime 81731)	9,849.40	836.10
11 68 13 00-1653	EA	Rockslide With Arch (GameTime 81732)	11,243.37	1,114.80
11 68 13 00-1654	EA	7' Double Wave Zip Slide (GameTime 81744)	7,810.07	696.75
11 68 13 00-1655		**Playground Equipment (GameTime Models)** *(11 68 13 00-1553)*		
11 68 13 00-1656	EA	Hex Topper (GameTime 32009)	207.59	37.16
11 68 13 00-1657	EA	Crag Climber (GameTime 32010)	3,429.17	611.98
11 68 13 00-1658	EA	Stego Rail (Compact) (GameTime 32019)	691.31	123.09
11 68 13 00-1659	EA	Ziggy Rail (Compact) (GameTime 32020)	562.06	99.87
11 68 13 00-1660	EA	Hex Pod Step (1') (GameTime 32022)	1,153.50	205.54
11 68 13 00-1661	EA	Hex Pod Step (2') (GameTime 32023)	1,257.30	224.12
11 68 13 00-1662	EA	Ergo Climbing Link (GameTime 32026)	6,926.88	1,235.57
11 68 13 00-1663	EA	Rock Climber (Right Side) (GameTime 32028)	5,350.36	954.55
11 68 13 00-1664	EA	Vessel (2-Way) (GameTime 32030)	7,242.19	1,292.47
11 68 13 00-1665	EA	Vessel (3-Way) (GameTime 32031)	6,919.06	1,234.41
11 68 13 00-1666	EA	Erratic Link With Hex Net (GameTime 32039)	8,521.04	1,520.08
11 68 13 00-1667	EA	U-Frame With Hex Net (Left Connection) (GameTime 32045)	5,589.28	997.51
11 68 13 00-1668	EA	The Hive (1-Way) (GameTime 32049)	13,203.57	2,356.18
11 68 13 00-1669	EA	Helix Tower With Shad Can2/Cat Slid (GameTime 32057)	36,759.30	6,559.91
11 68 13 00-1670	EA	Helix Tower With Shad Can2/Cat Slide (GameTime 32058)	41,402.69	7,389.05
11 68 13 00-1671	EA	Helix Tower With Shad Can3/Cat Slide (GameTime 32059)	36,424.40	6,500.69
11 68 13 00-1672	EA	Helix Tower With Shad Can And Cat Slide (GameTime 32069)	40,439.14	7,217.18
11 68 13 00-1673	EA	Trinet (Lg) With Ps Connect And Socket (GameTime 32071)	36,774.96	6,562.23
11 68 13 00-1674	EA	Trinet (Small) With Twisted Net (GameTime 32089)	18,738.05	3,344.41
11 68 13 00-1675	EA	Trinet (Medium) With Twisted Net (GameTime 32090)	32,310.42	5,765.61
11 68 13 00-1676	EA	Trinet (Large) With Twisted Net (GameTime 32091)	34,702.97	6,192.96
11 68 13 00-1677	EA	Trinet (Large) With Ps Connection And Twisted Net (GameTime 32092)	34,910.56	6,230.12
11 68 13 00-1678	EA	Twisted Net (GameTime 32098)	7,537.90	1,344.73
11 68 13 00-1679	EA	Trinet (Medium) With Twisted Net (GameTime 32099)	32,525.23	5,803.94
11 68 13 00-1680	EA	Sail Climbing Wall (GameTime 36004)	2,461.72	438.95
11 68 13 00-1681	EA	Rock Climbing Wall (GameTime 36008)	4,433.84	790.81
11 68 13 00-1682	EA	Arched Chain Net Link (GameTime 36014)	2,416.67	430.83
11 68 13 00-1683	EA	Pod Rocker (GameTime 36015)	1,711.64	305.41
11 68 13 00-1684	EA	Wide End Balance Beam (GameTime 36018)	2,618.39	466.83
11 68 13 00-1685	EA	4 Way X-Pod Step (GameTime 36025)	2,504.79	447.08
11 68 13 00-1686	EA	Single Link Cross Beam Primetime 36 (GameTime 36031)	325.10	58.06
11 68 13 00-1687	EA	Bongos (GameTime 36064)	1,079.08	192.77
11 68 13 00-1688	EA	Nature Bench (GameTime 38043)	3,216.53	573.66
11 68 13 00-1689	EA	Chrysalis Spinner (GameTime 38045)	8,498.04	1,516.59
11 68 13 00-1690	EA	Tree Swing (GameTime 38115)	15,422.19	2,752.17
11 68 13 00-1691	EA	Flower Talk Tube (GameTime 38217)	1,222.98	218.32
11 68 13 00-1692	EA	Flower With Blue Petals (GameTime 38221)	1,172.29	209.03
11 68 13 00-1693	EA	Flower With Red Petals (GameTime 38222)	1,172.29	209.03
11 68 13 00-1694	EA	Log Balance Beam (GameTime 38230)	5,265.96	939.45
11 68 13 00-1695	EA	Forked Balance Beam (GameTime 38233)	7,574.35	1,351.70
11 68 13 00-1696	EA	12"Stepped Platform (GameTime 80729)	2,970.90	530.70
11 68 13 00-1697	EA	Crawl-Thru Panel (GameTime 80942)	916.54	163.73
11 68 13 00-1698	EA	Single Thunderring (GameTime 81664)	601.23	106.84
11 68 13 00-1699	EA	Fun Seat (GameTime 81666)	550.15	98.70
11 68 13 00-1700	EA	Nature Discovery Table (GameTime 81668)	3,015.95	537.66
11 68 13 00-1701	EA	Bongos (GameTime 81699)	419.59	74.32
11 68 13 00-1702	EA	4' Transfer Platform With Guardrail (GameTime 90033)	5,487.46	978.94
11 68 13 00-1703	EA	4' Bubble Climber (GameTime 90042)	936.12	167.22
11 68 13 00-1704	EA	5'-6" Rockscape Climber (GameTime 90094)	7,212.82	1,286.67
11 68 13 00-1705	EA	3'-6"/4' Schooner Climber (GameTime 90105)	753.99	134.70
11 68 13 00-1706	EA	7'-6"x 8' Schooner Climber (GameTime 90109)	1,126.08	200.89
11 68 13 00-1707	EA	8' Vertical Wall Climber (GameTime 90139)	3,914.85	699.08
11 68 13 00-1708	EA	4'-6"/5' Corner Vine Climber Reverse (GameTime 90147)	3,135.35	559.73

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 13 00-1709	EA	5'/6' Double Vine Climber (GameTime 90151)	7,561.86	1,349.38
11 68 13 00-1710	EA	3'/5' Web Tail (GameTime 90160)	2,369.95	422.69
11 68 13 00-1711	EA	Ashiko And Djembe Panel (GameTime 90186)	1,987.78	354.18
11 68 13 00-1712	EA	2-6"/3' Single Curved Zip Slide (GameTime 90193)	2,594.89	463.34
11 68 13 00-1713	EA	4' Upright, Aluminum Assembly (GameTime 90262)	346.64	61.54
11 68 13 00-1714	EA	4' Upright, Galvanized Assembly (GameTime G90262)	330.96	59.22
11 68 13 00-1715	EA	5' Upright, Aluminum Assembly (GameTime 90263)	413.23	74.32
11 68 13 00-1716	EA	5' Upright, Galvanized Assembly (GameTime G90263)	395.59	70.84
11 68 13 00-1717	EA	6' Upright, Aluminum Assembly (GameTime 90264)	479.80	85.93
11 68 13 00-1718	EA	6' Upright, Galvanized Assembly (GameTime G90264)	460.23	82.45
11 68 13 00-1719	EA	7' Upright, Aluminum Assembly (GameTime 90265)	546.40	97.54
11 68 13 00-1720	EA	7' Upright, Galvanized Assembly (GameTime G90265)	524.85	94.07
11 68 13 00-1721	EA	8' Upright, Aluminum Assembly (GameTime 90266)	612.98	109.16
11 68 13 00-1722	EA	8' Upright, Galvanized Assembly (GameTime G90266)	589.48	105.67
11 68 13 00-1723	EA	9' Upright, Aluminum Assembly (GameTime 90267)	679.57	120.77
11 68 13 00-1724	EA	9' Upright, Galvanized Assembly (GameTime G90267)	654.10	117.29
11 68 13 00-1725	EA	10' Upright, Aluminum Assembly (GameTime 90268)	746.46	133.55
11 68 13 00-1726	EA	10' Upright, Galvanized Assembly (GameTime G90268)	718.73	127.73
11 68 13 00-1727	EA	11' Upright, Aluminum Assembly (GameTime 90269)	812.46	145.16
11 68 13 00-1728	EA	11' Upright, Galvanized Assembly (GameTime G90269)	783.36	139.35
11 68 13 00-1729	EA	12' Upright, Aluminum Assembly (GameTime 90270)	879.63	156.77
11 68 13 00-1730	EA	12' Upright, Galvanized Assembly (GameTime G90270)	847.99	150.96
11 68 13 00-1731	EA	13' Upright, Aluminum Assembly (GameTime 90271)	945.63	168.38
11 68 13 00-1732	EA	13' Upright, Galvanized Assembly (GameTime G90271)	912.62	162.58
11 68 13 00-1733	EA	14' Upright, Aluminum Assembly (GameTime 90272)	1,011.62	180.00
11 68 13 00-1734	EA	14' Upright, Galvanized Assembly (GameTime G90272)	977.24	174.18
11 68 13 00-1735	EA	15' Upright, Aluminum, Assembly (GameTime 90273)	1,041.86	185.80
11 68 13 00-1736	EA	15' Upright, Galvanized, Assembly (GameTime G90273)	1,041.86	185.80
11 68 13 00-1737	EA	2' And 2'-6" Clover Leaf Climber (GameTime 90344)	1,553.02	277.54
11 68 13 00-1738	EA	3' And 3'-6" Clover Leaf Climber (GameTime 90345)	2,068.08	369.28
11 68 13 00-1739	EA	4' And 4'-6" Clover Leaf Climber (GameTime 90346)	2,577.27	459.86
11 68 13 00-1740	EA	5' And 5'-6" Clover Leaf Climber (GameTime 90347)	2,806.40	500.50
11 68 13 00-1741	EA	5'-0 F5 Slide With Hood (GameTime 90350)	10,986.48	1,960.19
11 68 13 00-1742	EA	River Rock Climber (GameTime 90369)	2,171.87	387.86
11 68 13 00-1743	EA	4'/5' Climbing Pole (GameTime 90371)	573.82	102.19
11 68 13 00-1744	EA	Rockscape Archway With Barrier (GameTime 90387)	1,157.42	206.70
11 68 13 00-1745	EA	3'-0" Overhead Climber Access Ladder (GameTime 90391)	720.92	128.90
11 68 13 00-1746	EA	1'-6" Rung Kick Plate (GameTime 90395)	1,110.42	198.57
11 68 13 00-1747	EA	2' Rung Kick Plate (GameTime 90396)	1,114.33	198.57
11 68 13 00-1748	EA	Decorative Panel With Gizmo, Above Deck (GameTime 90430)	1,090.83	195.09
11 68 13 00-1749	EA	Decorative Panel With Gizmo, Below Deck (GameTime 90431)	1,235.75	220.64
11 68 13 00-1750	EA	Decorative Panel Molded S Whl, Below Deck (GameTime 90432)	1,868.31	333.28
11 68 13 00-1751	EA	Decorative Panel Thunderring, Below Deck (GameTime 90433)	1,929.03	343.73
11 68 13 00-1752	EA	2'-6"/3' Single Wave Zip Slide (GameTime 90503)	2,430.40	433.15
11 68 13 00-1753	EA	5' Single Zip Slide (GameTime 90505)	3,525.14	629.40
11 68 13 00-1754	EA	6' Single Wave Zip Slide (GameTime 90506)	3,904.76	696.75
11 68 13 00-1755	EA	5' Double Zip Slide, Std Dk (GameTime 90509)	4,690.24	837.27
11 68 13 00-1756	EA	8' Standard Zip Slide (GameTime 90512)	5,319.04	948.74
11 68 13 00-1757	EA	2'-6" Rung Kick (GameTime 90533)	1,378.69	246.19
11 68 13 00-1758	EA	3' Rung Kick Plate (GameTime 90534)	1,423.76	254.31
11 68 13 00-1759	EA	Swerve Slide (GameTime 90578)	3,037.50	542.30
11 68 13 00-1760	EA	Double Swerve Slide (GameTime 90579)	4,582.67	817.52
11 68 13 00-1761	EA	Wide Deck Climber Archway (Guardrail) (GameTime 90580)	1,079.08	192.77
11 68 13 00-1762	EA	Ridge Climber (Single) (GameTime 90592)	1,337.59	239.22
11 68 13 00-1763	EA	Playworx Connector Deck (GameTime 90599)	1,556.94	277.54
11 68 13 00-1764	EA	Fun-L Up And Across (GameTime 90616)	5,260.29	938.29
11 68 13 00-1765	EA	Playworx Swerve Slide (Without Hood) (GameTime 90617)	2,095.50	373.92
11 68 13 00-1766	EA	Step Up Platform (GameTime 90618)	6,687.96	1,193.77
11 68 13 00-1767	EA	Ergo Climber (4'-0" And 4'-6") (GameTime 90619)	1,654.86	294.96
11 68 13 00-1768	EA	Ergo Climber (5'-0" And 5'-6") (GameTime 90620)	1,889.87	336.76
11 68 13 00-1769	EA	Ergo Climber (6'-0") (GameTime 90621)	2,075.91	370.44
11 68 13 00-1770	EA	Bubble Panel, Above Deck (GameTime 90631)	1,766.48	314.70
11 68 13 00-1771	EA	Stego Climber (8'-0") (GameTime 90636)	1,562.81	278.70
11 68 13 00-1772	EA	Net Tunnel (GameTime 90644)	52,546.03	9,377.11
11 68 13 00-1773	EA	3'-6"/4'-0" Zip Swerve Slide Right (GameTime 90654)	2,933.70	523.73
11 68 13 00-1774	EA	Spiral Step Climber (3'-0" And 3'-6") (GameTime 90667)	1,613.71	287.99
11 68 13 00-1775	EA	Spiral Step Climber (5'-0" And 5'-6") (GameTime 90669)	2,367.71	422.69
11 68 13 00-1776	EA	Straight Section Wilderslide Ii (GameTime 90703)	789.24	140.52
11 68 13 00-1777	EA	Support Wilderslide Ii (GameTime 90709)	336.85	60.39
11 68 13 00-1778	EA	Frog Slide Puzzle-Gadget Panel Above Deck (GameTime 90713)	3,722.94	664.24
11 68 13 00-1779	EA	Single Sun Blossom (GameTime 90738)	4,418.17	788.50
11 68 13 00-1780	EA	Butterfly Climber (GameTime 90750)	7,906.09	1,410.92
11 68 13 00-1781	EA	Long Exit (Use On 7' And 8' Slides) (GameTime 90762)	1,482.51	264.77
11 68 13 00-1782	EA	Kidnetix Twirl (GameTime 90777)	10,134.46	1,808.07
11 68 13 00-1783	EA	Over N Under (GameTime 90779)	9,247.59	1,650.14
11 68 13 00-1784	EA	5' ADA Hex Deck With Shadow Play Flower (GameTime 90820)	19,380.41	3,458.21
11 68 13 00-1785	EA	Double Twin Spiral (GameTime 90843)	14,498.09	2,587.27
11 68 13 00-1786	EA	Archway (3D) (GameTime 91004)	1,363.06	242.71
11 68 13 00-1787	EA	Climber Offset Archway (3D) (GameTime 91006)	1,251.42	222.96
11 68 13 00-1788	EA	Archway With Socket (3D) (GameTime 91010)	1,490.35	265.93
11 68 13 00-1789	EA	Arch Bridge (3D) 2 Deck Span (GameTime 91018)	11,963.90	2,135.54

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11 68 13 00-1790	EA	Shadow Tree 3D Tri 0'-6" - 7'0" (GameTime 91026)	9,799.87	1,748.85
11 68 13 00-1791	EA	3'-0" Transfer Platform (3D) (GameTime 91031)	5,961.39	1,063.70
11 68 13 00-1792	EA	5'-0" Transfer Platform (3D) (GameTime 91033)	10,369.77	1,851.03
11 68 13 00-1793	EA	1'-0" Transfer System (3D) (GameTime 91034)	3,388.05	605.01
11 68 13 00-1794	EA	2'-0" Transfer System (3D) (GameTime 91035)	4,547.42	811.72
11 68 13 00-1795	EA	2'-0" Transfer System (3D) (GameTime 91035)	4,547.42	811.72
11 68 13 00-1796	EA	2'-6" Transfer System (3D) (GameTime 91036)	6,872.05	1,226.28
11 68 13 00-1797	EA	3'-0" Transfer System (3D) (GameTime 91037)	7,291.16	1,300.61
11 68 13 00-1798	EA	4'-0" Transfer System (3D) (GameTime 91038)	8,887.25	1,586.27
11 68 13 00-1799	EA	Shadow Tree 3D Tri 7'-6" - 8'-0" (GameTime 91051)	10,009.43	1,786.01
11 68 13 00-1800	EA	6'-0" Hillside Dueling Wave Zip Slide (GameTime 91077)	8,567.31	1,529.36
11 68 13 00-1801	EA	Enclosure With Thunderring (3D) Above Deck (GameTime 91088)	2,393.18	427.34
11 68 13 00-1802	EA	Coral Climber (3D) 5'-0" (GameTime 91107)	2,514.59	448.24
11 68 13 00-1803	EA	90 Degree Play Port Bridge (GameTime 91120)	11,339.17	2,024.06
11 68 13 00-1804	EA	90 Degree Play Port Bridge (GameTime 91120)	11,339.17	2,024.06
11 68 13 00-1805	EA	Funnel Crows Nest Telescope Bar (GameTime 91136)	4,341.79	774.56
11 68 13 00-1806	EA	Entryway - 3D (GameTime 91137)	1,502.10	268.25
11 68 13 00-1807	EA	Entryway - Barrier (GameTime 91139)	1,114.33	198.57
11 68 13 00-1808	EA	Entryway - Guardrail (GameTime 91146)	806.86	143.99
11 68 13 00-1809	EA	Entryway - Timbers (GameTime 91150)	1,517.76	270.57
11 68 13 00-1810	EA	Climber Entryway - Timbers (GameTime 91151)	1,339.55	239.22
11 68 13 00-1811	EA	Archway - Timbers (GameTime 91154)	1,398.30	249.66
11 68 13 00-1812	EA	Archway With Socket - Timbers (GameTime 91157)	1,529.52	272.89
11 68 13 00-1813	EA	Climber Offset Archway - Timbers (GameTime 91163)	1,294.52	231.09
11 68 13 00-1814	EA	4' Plank Climber - Timbers (GameTime 91181)	1,186.80	211.35
11 68 13 00-1815	EA	8' Plank Climber - Timbers (GameTime 91185)	1,999.54	356.50
11 68 13 00-1816	EA	2' Transfer System - Timbers (GameTime 91201)	5,097.73	909.26
11 68 13 00-1817	EA	Mini Arch Bridge - Timbers (GameTime 91207)	6,039.72	1,077.64
11 68 13 00-1818	EA	Climber Entryway - Guardrail (GameTime 91208)	842.12	149.80
11 68 13 00-1819	EA	Climber Entryway - Barrier (GameTime 91209)	1,036.00	184.64
11 68 13 00-1820	EA	Climber Entryway - 3D (GameTime 91210)	1,413.97	251.99
11 68 13 00-1821	EA	Gable Roof - Timbers (GameTime 91212)	6,403.99	1,142.67
11 68 13 00-1822	EA	72" Slant Hex Roof Extension - Timbers (GameTime 91218)	734.40	131.22
11 68 13 00-1823	EA	Slant Hex Roof - Timbers (GameTime 91219)	12,191.08	2,175.02
11 68 13 00-1824	EA	5'0" - 5'6" Lily Pad Spiral Climber (GameTime 91251)	2,399.04	428.50
11 68 13 00-1825	EA	Three Stump Climber (GameTime 91284)	9,160.40	1,635.05
11 68 13 00-1826	EA	Notched Log Climber (GameTime 91285)	10,223.19	1,824.32
11 68 13 00-1827	EA	4' 3D Transfer For GFRC (GameTime 91305)	5,986.84	1,068.35
11 68 13 00-1828	EA	3' Timbers Transfer For GFRC (GameTime 91307)	4,774.60	852.36
11 68 13 00-1829	EA	Shadow Play Tree Single 0'6" - 7'0" (GameTime 91310)	3,783.65	674.69
11 68 13 00-1830	EA	Shadow Play Tree Tri 0'6" - 7'0" (GameTime 91311)	11,333.30	2,022.90
11 68 13 00-1831	EA	Shadow Play Tree Quad 0'6" - 7'0" (GameTime 91312)	15,107.15	2,696.43
11 68 13 00-1832	EA	Shadow Play Tree Pentagon 0'6" - 7'0" (GameTime 91313)	18,871.22	3,367.64
11 68 13 00-1833	EA	Shadow Play Tree Hex 0'6" - 7'0" (GameTime 91314)	22,654.85	4,043.48
11 68 13 00-1834	EA	Shadow Play Tree Single 7'6" And 8'0" (GameTime 91315)	3,848.27	686.30
11 68 13 00-1835	EA	Shadow Play Tree Tri 7'-6" And 8'-0" (GameTime 91316)	11,523.26	2,056.58
11 68 13 00-1836	EA	Shadow Play Tree Quad 7'-6" And 8'-0" (GameTime 91317)	15,361.74	2,741.72
11 68 13 00-1837	EA	Shadow Play Tree Pentagon 7'-6" And 8'-0" (GameTime 91318)	19,186.52	3,424.53
11 68 13 00-1838	EA	Shadow Play Tree Hex 7'-6" And 8'-0" (GameTime 91319)	23,034.78	4,110.84
11 68 13 00-1839	EA	Stump Platform (GameTime 91320)	9,627.53	1,718.65
11 68 13 00-1840	EA	Erractic Climber With Hex Net 4'-5' (GameTime 91324)	3,139.33	559.73
11 68 13 00-1841	EA	Erratic Climber With Hex Net 7'-8' (GameTime 91326)	4,316.32	769.91
11 68 13 00-1842	EA	Big Stump Climber (GameTime 91327)	26,101.65	4,657.78
11 68 13 00-1843	EA	Timbers Enclosure With Thunderring (Above) (GameTime 91340)	2,301.13	411.09
11 68 13 00-1844	EA	Aerosol Paint 4.5 Oz. (GameTime 139361)	33.29	5.80
11 68 13 00-1845	EA	Pin-In Tool Kit(Torx Bit) (GameTime 158279)	142.97	25.54
11 68 13 00-1846	EA	2-5 Age Appropriate Sticker (GameTime 168284)	6.53	1.16
11 68 13 00-1847	EA	5-12 Age Appropriate Sticker (GameTime 168285)	7.73	1.16
11 68 13 00-1848	EA	2/5-5/12 Age Appropriate (GameTime 169163)	7.73	1.16
11 68 13 00-1849	EA	ASTM Warning Label (GameTime 169164)	6.09	1.16
11 68 13 00-1850	EA	Owner's Kit (GameTime 178749)	134.00	24.39
11 68 13 00-1851	EA	Hybrid Tool Kit Pt (GameTime 200830)	154.70	27.87
11 68 13 00-1852	EA	Tool Kit (Torx Bit) (GameTime 205282)	117.24	20.91
11 68 13 00-1853	EA	Hybrid Tool Kit Ps 2012 (GameTime 205283)	156.67	27.87
11 68 13 00-1854	EA	3-1/2"Aluminum Pipe With 7' Cap (GameTime 1R27FU)	448.47	80.13
11 68 13 00-1855	EA	Flower With Yellow Petals Label (GameTime 38220L)	1,148.15	204.38
11 68 13 00-1856	EA	5" Aluminum Pipe With 6' Aluminum Cap (GameTime DH1305)	522.90	92.90
11 68 13 00-1857	EA	3-1/2" Antiwrap Enclosed Tot-Stainless (GameTime SS5017)	1,344.76	240.38
11 68 13 00-1858	EA	3-1/2" Antiwrap Belt Seat-Stainless (GameTime SS5020)	1,247.28	222.96

11 68 23 Exterior Court Athletic Equipment *(11 68)*

11 68 23 13 Exterior Basketball Equipment *(11 68 23)*

11 68 23 13-0001 Basketball Components *(11 68 23 13)*

See CSI section 32 31 13 13-0001 for auguring holes and concrete.

11 68 23 13-0002	EA	Anti-Whip, Nylon Cord Basketball Net (Porter Athletic 09608-120)	36.30	10.62
11 68 23 13-0003	EA	Chain Basketball Net (Porter Athletic 00161-000)	62.85	10.62
11 68 23 13-0004	EA	Heavy Duty Goal Ring (Porter Athletic 00235-000)	144.03	53.09
11 68 23 13-0005	EA	Goal Ring For Steel Net (Porter Athletic 00251-H00)	257.20	23.89

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 23 13-0006	EA	42" x 72" Rectangular Fully Tempered Glass Basketball Backboard With Steel Frame (Porter Athletic 00204-000) Note: Includes perimeter and target markings. Excludes pole and goal.	1,468.97	45.12
11 68 23 13-0007	EA	42" x 72" Rectangular 11 Gauge Perforated Steel Basketball Backboard (Porter Athletic 01207-300) Note: Includes perimeter and target markings. Excludes pole and goal.	1,885.21	45.12
11 68 23 13-0008	EA	54" x 39" Fan Shaped Cast Aluminum Basketball Backboard (Porter Athletic 00234-300) Note: Includes perimeter and target markings. Excludes pole and goal.	964.07	39.82
11 68 23 13-0009	EA	54" x 39" Fan Shaped Fiberglass Basketball Backboard (Porter Athletic 00267-000) Note: Includes perimeter and target markings. Excludes pole and goal.	1,053.88	39.82

11 68 23 13-0010 Basketball Systems *(11 68 23 13)*

See CSI section 32 31 13 13-0001 for auguring holes and concrete.

11 68 23 13-0011	EA	4-1/2" Bent Post Galvanized Steel Pole With 4' Extension, Aluminum Backboard, Double Rim Goal And Steel Net Basketball System (Sportsplay 541-616)	2,357.65	244.88
11 68 23 13-0012	EA	5-9/16" Bent Post Galvanized Steel Pole With 6' Extension Style, Aluminum Backboard, Double Rim Goal And Nylon Net Basketball System (Porter Athletic 00176-230)	4,262.21	269.37
		For Fan Shaped Fiberglass Backboard, Deduct	*-133.00*	
		For 42" x 72" Perforated Steel Backboard, Add	*350.00*	
11 68 23 13-0013	EA	4-1/2" Galvanized Steel Pole With 4' Extension, Aluminum Backboard, Double Rim Goal And Nylon Net Basketball System (Porter Athletic 00164-230)	2,722.89	244.88
		For Fan Shaped Fiberglass Backboard, Deduct	*-133.00*	
		For 42" x 72" Perforated Steel Backboard, Add	*350.00*	
11 68 23 13-0014	EA	5-9/16" Galvanized Steel Pole With 6' Extension, Aluminum Backboard, Double Rim Goal And Nylon Net Basketball System (Porter Athletic 00166-230)	4,262.21	269.37
		For Fan Shaped Fiberglass Backboard, Deduct	*-133.00*	
		For 42" x 72" Perforated Steel Backboard, Add	*350.00*	
11 68 23 13-0015	EA	Back To Back 6" Galvanized Steel Pole With 5' Extensions, Aluminum Backboards, Double Rim Goals And Nylon Net Double Basketball System (Porter Athletic 195582)	7,673.42	396.14
		For Fan Shaped Fiberglass Backboard, Deduct	*-498.00*	
		For 42" x 72" Perforated Steel Backboard, Add	*700.00*	

11 68 23 33 Tennis Equipment *(11 68 23)*

11 68 23 33-0001 Tennis Court Net Posts *(11 68 23 33)*

11 68 23 33-0002	PR	Round, Powder Coated Steel, Tennis Court Net Posts With External Winder	1,261.81	180.53
11 68 23 33-0003	PR	Round, Powder Coated Steel, Tennis Court Net Posts With Internal Brass Winder	1,571.72	180.53
11 68 23 33-0004	PR	Square, Powder Coated Steel, Tennis Court Net Posts With Internal Brass Winder	1,623.37	180.53
11 68 23 33-0005	PR	Round, Powder Coated Aluminum, Tennis Court Net Posts With External Winder	1,712.69	180.53
11 68 23 33-0006	PR	Round, Powder Coated Aluminum, Tennis Court Net Posts With Internal Winder	2,030.72	180.53
11 68 23 33-0007	PR	Polyvinyl Chloride (PVC) Ground Sleeves For Tennis Court Net Posts	313.11	
11 68 23 33-0008	PR	Galvanized Steel Ground Sleeves For Tennis Court Net Posts	351.72	

11 68 23 33-0009 Tennis Court Nets *(11 68 23 33)*

11 68 23 33-0010	EA	42' Length, Single Top, Vinyl Headband, Polyethylene Net Body, Tennis Court Net	659.49	178.41
11 68 23 33-0011	EA	42' Length, Double Top, Vinyl Headband, Polyethylene Net Body, Tennis Court Net	721.12	178.41
11 68 23 33-0012	EA	42' Length, Anti-Vandal, Aluminum Coated Flexible Steel Mesh, Tennis Court Net	1,539.67	274.51
11 68 23 33-0013	EA	Galvanized Steel Anchor For Tennis Court Net Center Strap	86.39	

11 68 33 Athletic Field Equipment *(11 68)*

11 68 33 13 Football Field Equipment *(11 68 33)*

11 68 33 13-0001 Football Goal Posts *(11 68 33 13)*

Note: Includes augering for post(s), set in concrete and backfill.

11 68 33 13-0002	PR	Double Steel Football Goal Posts, "H Shape"	5,967.26	477.78
11 68 33 13-0003	PR	Vertical Style Goal Post, Single In Ground Mounting, Steel With 20' Uprights	8,242.59	623.61
11 68 33 13-0004	PR	Gooseneck (Offset) Style Goal Post, Single In Ground Mounting, Steel, With 20' Uprights	9,841.68	748.33

11 68 33 23 Soccer and Field Hockey Equipment *(11 68 33)*

11 68 33 23-0001 Soccer Goal Posts *(11 68 33 23)*

Note: Includes augering for post(s), set in concrete and backfill.

11 68 33 23-0002	PR	Regulation Soccer Goal Posts	5,097.05	318.59
11 68 33 23-0003	PR	Combination Football/Soccer Goal Post	6,138.73	477.78

11 68 33 33 Baseball Field Equipment *(11 68 33)*

11 68 33 33-0001 Bases *(11 68 33 33)*

11 68 33 33-0002	SET	Bases For Baseball Or Softball	601.71	

11 80 Facility Maintenance and Operation Equipment *(11)*

11 81 Maintenance Equipment *(11 80)*

11 81 29 Facility Fall Protection *(11 81)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 81 29 00-0001		**Safety And Tie-Back Anchors** *(11 81 29)* Note: One cut sheet charge required per manufacturer order. Excludes flashing and testing by engineer after installation. See CSI section 01 22 20 00-0001 for engineering testing and inspection.		
11 81 29 00-0002		**Roof Mounted, Safety And Tie-Back Anchors** *(11 81 29 00-0001)* Note: Includes up to 10" high, 0.216" thick hollow structural section tube, 1018 steel forged pad eye, 8" x 8" x 1/2" base plate and hot-dipped galvanized finish.		
11 81 29 00-0003	EA	Up To 10" High, 0.216" Thick, Hollow Structural Section Tube, 1018 Steel Forged Pad Eye, 8" x 8" x 1/2" Base Plate And Hot-Dipped Galvanized Finish, Mechanically Fastened, Roof Mounted, Safety And Tie-Back Anchor (Summit Anchor) Note: Includes drilling in concrete, anchor bolts and bottom plate or plates.	794.35	89.24
		For Stainless Steel Pad Eye, Add	*40.00*	
		For Foam Insulation Filled HSS Tube, Add	*10.00*	
11 81 29 00-0004	EA	Up To 10" High, 0.216" Thick, Hollow Structural Section Tube, 1018 Steel Forged Pad Eye, 8" x 8" x 1/2" Base Plate And Hot-Dipped Galvanized Finish, Epoxy Fastened, Roof Mounted, Safety And Tie-Back Anchor (Summit Anchor) Note: Includes drilling in concrete and adhesive anchor systems.	681.13	89.24
		For Stainless Steel Pad Eye, Add	*40.00*	
		For Foam Insulation Filled HSS Tube, Add	*10.00*	
11 81 29 00-0005	EA	Up To 10" High, 0.216" Thick, Hollow Structural Section Tube, 1018 Steel Forged Pad Eye, 8" x 8" x 1/2" Base Plate And Hot-Dipped Galvanized Finish, Welded In Place, Roof Mounted, Safety And Tie-Back Anchor (Summit Anchor)	528.77	99.81
		For Stainless Steel Pad Eye, Add	*40.00*	
		For Foam Insulation Filled HSS Tube, Add	*10.00*	
11 81 29 00-0006		**Wall Mounted, Safety And Tie-Back Anchor** *(11 81 29 00-0001)* Note: Includes 1018 steel forged pad eye, 10" x 4" x 1/2" base plate and hot-dipped galvanized finish.		
11 81 29 00-0007	EA	Steel Forged Pad Eye (1018), 10" x 4" x 1/2" Base Plate And Hot-Dipped Galvanized Finish, Mechanically Fastened, Wall Mounted, Safety And Tie-Back Anchor (Summit Anchor) Note: Includes drilling in concrete, anchor bolts and bottom plate or plates.	560.27	89.24
		For Stainless Steel Pad Eye, Add	*40.00*	
11 81 29 00-0008	EA	Steel Forged Pad Eye (1018), 10" x 4" x 1/2" Base Plate And Hot-Dipped Galvanized Finish, Epoxy Fastened, Wall Mounted, Safety And Tie-Back Anchor (Summit Anchor) Note: Includes drilling in concrete and adhesive anchor systems.	505.58	89.24
		For Stainless Steel Pad Eye, Add	*40.00*	
11 81 29 00-0009	EA	Steel Forged Pad Eye (1018), 10" x 4" x 1/2" Base Plate And Hot-Dipped Galvanized Finish, Welded In Place, Wall Mounted, Safety And Tie-Back Anchor (Summit Anchor)	467.82	99.81
		For Stainless Steel Pad Eye, Add	*40.00*	
11 81 29 00-0010		**Safety And Tie-Back Anchor Accessories** *(11 81 29 00-0001)*		
11 81 29 00-0011	EA	Mandatory Cut Sheets For Safety And Tie-Back Anchors (Summit Anchor) Note: One cut sheet required per order.	443.30	
11 81 29 00-0012		**Ladder Safety And Fall Protection** *(11 81 29)*		
11 81 29 00-0013	EA	Galvanized Standard Top Bracket With Mounting Hardware (Captial Safety Group-USA Lad-Saf™ 6116280)	296.21	22.01
11 81 29 00-0014	EA	Galvanized 1x7 Cable, 3/8" 24' Long (Captial Safety Group-USA Lad-Saf™ 6110024)	44.11	3.20
11 81 29 00-0015	EA	Galvanized 1x7 Cable, 3/8" 30' Long (Captial Safety Group-USA Lad-Saf™ 6110030)	55.13	8.01
11 81 29 00-0016	EA	Galvanized 1x7 Cable, 3/8" 40' Long (Captial Safety Group-USA Lad-Saf™ 6110040)	73.51	5.33
11 81 29 00-0017	EA	Galvanized 1x7 Cable, 3/8" 50' Long (Captial Safety Group-USA Lad-Saf™ 6110050)	91.88	6.67
11 81 29 00-0018	EA	Non-metallic Cable Guide With Mounting Hardware (Captial Safety Group-USA Lad-Saf™ 6110400)	60.59	5.00
11 81 29 00-0019	EA	Flexible Cable Sleeve (Captial Safety Group-USA Lad-Saf™ 6160054)	550.34	13.34
11 81 29 00-0020	EA	Galvanized Standard Bottom Bracket (Captial Safety Group-USA Lad-Saf™ 6100090)	138.61	13.21
11 81 29 00-0021		**Fall-Arrest Systems** *(11 81 29)*		
11 81 29 00-0022		**Horizontal** *(11 81 29 00-0021)*		
11 81 29 00-0023	LF	Trolley Rail Fall Arrest System Note: Price per LF of trolley rail. Includes engineering, certification, design, fabrication, delivery, installation, training materials, equipment and five year warranty.	730.33	47.87
11 81 29 00-0024		**Anchor Points** *(11 81 29 00-0021)*		
11 81 29 00-0025	EA	Roof Anchor, 16" x 16" Base With 12" High Post Note: Guardian CD-12 series	651.21	
11 81 29 00-0026	EA	Roof Anchor, 12" x 12" Base With 18" High Post Note: Guardian CD-18 series	761.65	
11 81 29 00-0027	EA	Bolt On Roof Anchor Note: Guardian CD-1-B series	290.81	
11 81 29 00-0028	EA	Fall Arrest Anchor Attachment To 2" x 8" Stud Note: Super Anchor ARS 2x8	139.56	
11 81 29 00-0029	EA	Fall Arrest Anchor Attachment To 2" x 12" Stud Note: Super Anchor ARS 2x12	162.27	

11 82 Facility Solid Waste Handling Equipment *(11 80)*

11 82 26 Facility Waste Compactors *(11 82)*

11 82 26 00-0001 **Waste Compactors** *(11 82 26)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 82 26 00-0002		**110 Volt Compactors** *(11 82 26 00-0001)*		
11 82 26 00-0003	EA	Waste Compactor, 110 Volt At 75 LB/Hour	25,539.45	572.11
11 82 26 00-0004	EA	Waste Compactor, 110 Volt At 250 LB/Hour	31,838.24	1,373.05
11 82 26 00-0005		**230 Volt Compactors** *(11 82 26 00-0001)*		
11 82 26 00-0006	EA	Waste Compactor, 230 Volt At 600 LB/Hour Hand Fed	31,545.99	1,830.75
11 82 26 00-0007	EA	Waste Compactor, 230 Volt At 600 LB/Hour Chute Fed	35,398.45	2,402.85
11 82 26 00-0008		**Heavy Duty Industrial Compactor** *(11 82 26)*		
11 82 26 00-0009	EA	30CY Self Contained Horizontal Compactor	56,554.00	

END OF SECTION 11

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

12 Furnishings

12 01 Operation and Maintenance of Furnishings *(12)*

12 01 60 Operation and Maintenance of Multiple Seating *(12 01)*

12 01 60 00-0001 Repair Fixed Auditorium Seating *(12 01 60)*

12 01 60 00-0002	EA	Removal And Replacement Of Hardwood/Plywood Auditorium Seat Part	197.46	
12 01 60 00-0003	EA	Removal And Replacement Of Auditorium Seat Armrest Part	91.62	
12 01 60 00-0004	EA	Removal And Replacement Of End Armrest Part	127.96	
12 01 60 00-0005	EA	Removal And Replacement Of Auditorium Seat Kick Plate Part	147.82	
12 01 60 00-0006	EA	Removal And Replacement Of Auditorium Seat Long Back Part	239.89	
12 01 60 00-0007	EA	Removal And Replacement Of Auditorium Seat Center Standard Part	194.38	
12 01 60 00-0008	EA	Removal And Replacement Of Auditorium Seat Back Bracket Part	72.23	
12 01 60 00-0009	EA	Removal And Replacement Of Auditorium Seat Bracket Part	76.66	
12 01 60 00-0010	EA	Secure Seat To Floor	72.90	
12 01 60 00-0011	EA	Removal And Reinstallation Of Existing Auditorium Seat In Concrete Floor Note: Includes drilling and fasteners.	80.54	
		For Expansion Anchor Mounting With Anchor Caps, Add	*28.25*	
		For Epoxy Anchor Mounting With Anchor Caps, Add	*35.91*	

12 20 Window Treatments *(12)*

12 21 Window Blinds *(12 20)*

12 21 13 Horizontal Louver Blinds *(12 21)*

Note: Includes headrail, brackets, cords and all hardware.

12 21 13 13 Metal Horizontal Louver Blinds *(12 21 13)*

12 21 13 13-0001 Aluminum Horizontal Louver Blinds *(12 21 13 13)*

12 21 13 13-0002	SF	1/2" x 0.006" Slats, Aluminum Horizontal Louver Blinds	12.18	1.07
12 21 13 13-0003	SF	1" x 0.006" Slats, Aluminum Horizontal Louver Blinds	10.00	1.07
12 21 13 13-0004	SF	1" x 0.008" Slats, Aluminum Horizontal Louver Blinds	10.84	1.07
12 21 13 13-0005	SF	2" x 0.008" Slats, Aluminum Horizontal Louver Blinds	12.51	1.07

12 21 13 33 Plastic Horizontal Louver Blinds *(12 21 13)*

12 21 13 33-0001 Vinyl Horizontal Louver Blinds *(12 21 13 33)*

12 21 13 33-0002	SF	1" Slats, Vinyl Horizontal Louver Blinds	10.34	1.07
12 21 13 33-0003	SF	2" Slats, Vinyl Horizontal Louver Blinds	11.93	1.07

12 21 16 Vertical Louver Blinds *(12 21)*

Note: Includes headrail, brackets, cords and all hardware.

12 21 16 13 Metal Vertical Louver Blinds *(12 21 16)*

12 21 16 13-0001 Aluminum Vertical Louver Blinds *(12 21 16 13)*

12 21 16 13-0002	SF	3-1/2" x 0.008" Slats, Aluminum Vertical Louver Blinds	14.37	2.26

12 21 16 33 Plastic Vertical Louver Blinds *(12 21 16)*

12 21 16 33-0001 Vinyl Vertical Louver Blinds *(12 21 16 33)*

12 21 16 33-0002	SF	2" Slats, Vinyl Vertical Louver Blinds	9.43	2.26
12 21 16 33-0003	SF	3-1/2" Slats, Vinyl Vertical Louver Blinds	13.02	2.26

12 22 Curtains and Drapes *(12 20)*

12 22 13 Draperies *(12 22)*

12 22 13 00-0001 Lined Draperies *(12 22 13)*

Note: Width dimensions are the panel width at top excluding returns and overlaps.

12 22 13 00-0002 Up To 48" Wide Lined Draperies *(12 22 13 00-0001)*

12 22 13 00-0003	EA	Up To 39" Long, Up To 48" Wide Lined Draperies	454.08	14.88
12 22 13 00-0004	EA	>39" To 63" Long, Up To 48" Wide Lined Draperies	473.15	14.88
12 22 13 00-0005	EA	>63" To 72" Long, Up To 48" Wide Lined Draperies	504.15	14.88
12 22 13 00-0006	EA	>72" To 81" Long, Up To 48" Wide Lined Draperies	516.07	14.88
12 22 13 00-0007	EA	>81" To 90" Long, Up To 48" Wide Lined Draperies	544.68	14.88
12 22 13 00-0008	EA	>90" To 99" Long, Up To 48" Wide Lined Draperies	582.82	14.88
12 22 13 00-0009	EA	>99" To 108" Long, Up To 48" Wide Lined Draperies	606.66	14.88
12 22 13 00-0010	EA	>108" To 120" Long, Up To 48" Wide Lined Draperies	640.03	14.88
12 22 13 00-0011	EA	>120" To 130" Long, Up To 48" Wide Lined Draperies	692.48	14.88

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 22 13 00-0012		**>48" To 72" Wide Lined Draperies** *(12 22 13 00-0001)*		
12 22 13 00-0013	EA	Up To 39" Long, >48" To 72" Wide Lined Draperies	660.28	20.23
12 22 13 00-0014	EA	>39" To 63" Long, >48" To 72" Wide Lined Draperies	703.19	20.23
12 22 13 00-0015	EA	>63" To 72" Long, >48" To 72" Wide Lined Draperies	736.56	20.23
12 22 13 00-0016	EA	>72" To 81" Long, >48" To 72" Wide Lined Draperies	765.17	20.23
12 22 13 00-0017	EA	>81" To 90" Long, >48" To 72" Wide Lined Draperies	831.92	20.23
12 22 13 00-0018	EA	>90" To 99" Long, >48" To 72" Wide Lined Draperies	865.30	20.23
12 22 13 00-0019	EA	>99" To 108" Long, >48" To 72" Wide Lined Draperies	893.91	20.23
12 22 13 00-0020	EA	>108" To 120" Long, >48" To 72" Wide Lined Draperies	955.89	20.23
12 22 13 00-0021	EA	>120" To 130" Long, >48" To 72" Wide Lined Draperies	1,022.64	20.23
12 22 13 00-0022		**>72" To 96" Wide Lined Draperies** *(12 22 13 00-0001)*		
12 22 13 00-0023	EA	Up To 39" Long, >72" To 96" Wide Lined Draperies	876.01	25.58
12 22 13 00-0024	EA	>39" To 63" Long, >72" To 96" Wide Lined Draperies	937.99	25.58
12 22 13 00-0025	EA	>63" To 72" Long, >72" To 96" Wide Lined Draperies	966.60	25.58
12 22 13 00-0026	EA	>72" To 81" Long, >72" To 96" Wide Lined Draperies	1,033.35	25.58
12 22 13 00-0027	EA	>81" To 90" Long, >72" To 96" Wide Lined Draperies	1,095.33	25.58
12 22 13 00-0028	EA	>90" To 99" Long, >72" To 96" Wide Lined Draperies	1,157.31	25.58
12 22 13 00-0029	EA	>99" To 108" Long, >72" To 96" Wide Lined Draperies	1,190.69	25.58
12 22 13 00-0030	EA	>108" To 120" Long, >72" To 96" Wide Lined Draperies	1,257.44	25.58
12 22 13 00-0031	EA	>120" To 130" Long, >72" To 96" Wide Lined Draperies	1,348.03	25.58
12 22 13 00-0032		**>96" To 120" Wide Lined Draperies** *(12 22 13 00-0001)*		
12 22 13 00-0033	EA	Up To 39" Long, >96" To 120" Wide Lined Draperies	1,106.04	30.93
12 22 13 00-0034	EA	>39" To 63" Long, >96" To 120" Wide Lined Draperies	1,168.02	30.93
12 22 13 00-0035	EA	>63" To 72" Long, >96" To 120" Wide Lined Draperies	1,201.40	30.93
12 22 13 00-0036	EA	>72" To 81" Long, >96" To 120" Wide Lined Draperies	1,296.76	30.93
12 22 13 00-0037	EA	>81" To 90" Long, >96" To 120" Wide Lined Draperies	1,358.74	30.93
12 22 13 00-0038	EA	>90" To 99" Long, >96" To 120" Wide Lined Draperies	1,425.49	30.93
12 22 13 00-0039	EA	>99" To 108" Long, >96" To 120" Wide Lined Draperies	1,497.12	30.93
12 22 13 00-0040	EA	>108" To 120" Long, >96" To 120" Wide Lined Draperies	1,587.60	30.93
12 22 13 00-0041	EA	>120" To 130" Long, >96" To 120" Wide Lined Draperies	1,635.28	30.93
12 22 13 00-0042		**>120" To 144" Wide Lined Draperies** *(12 22 13 00-0001)*		
12 22 13 00-0043	EA	Up To 39" Long, >120" To 144" Wide Lined Draperies	1,307.47	36.28
12 22 13 00-0044	EA	>39" To 63" Long, >120" To 144" Wide Lined Draperies	1,398.06	36.28
12 22 13 00-0045	EA	>63" To 72" Long, >120" To 144" Wide Lined Draperies	1,431.43	36.28
12 22 13 00-0046	EA	>72" To 81" Long, >120" To 144" Wide Lined Draperies	1,526.79	36.28
12 22 13 00-0047	EA	>81" To 90" Long, >120" To 144" Wide Lined Draperies	1,622.15	36.28
12 22 13 00-0048	EA	>90" To 99" Long, >120" To 144" Wide Lined Draperies	1,717.51	36.28
12 22 13 00-0049	EA	>99" To 108" Long, >120" To 144" Wide Lined Draperies	1,812.86	36.28
12 22 13 00-0050	EA	>108" To 120" Long, >120" To 144" Wide Lined Draperies	1,908.22	36.28
12 22 13 00-0051	EA	>120" To 130" Long, >120" To 144" Wide Lined Draperies	2,027.42	36.28
12 22 13 00-0052		**>144" To 168" Wide Lined Draperies** *(12 22 13 00-0001)*		
12 22 13 00-0053	EA	Up To 39" Long, >144" To 168" Wide Lined Draperies	1,537.50	41.64
12 22 13 00-0054	EA	>39" To 63" Long, >144" To 168" Wide Lined Draperies	1,632.86	41.64
12 22 13 00-0055	EA	>63" To 72" Long, >144" To 168" Wide Lined Draperies	1,704.38	41.64
12 22 13 00-0056	EA	>72" To 81" Long, >144" To 168" Wide Lined Draperies	1,799.73	41.64
12 22 13 00-0057	EA	>81" To 90" Long, >144" To 168" Wide Lined Draperies	1,895.10	41.64
12 22 13 00-0058	EA	>90" To 99" Long, >144" To 168" Wide Lined Draperies	2,014.29	41.64
12 22 13 00-0059	EA	>99" To 108" Long, >144" To 168" Wide Lined Draperies	2,109.65	41.64
12 22 13 00-0060	EA	>108" To 120" Long, >144" To 168" Wide Lined Draperies	2,205.01	41.64
12 22 13 00-0061	EA	>120" To 130" Long, >144" To 168" Wide Lined Draperies	2,371.88	41.64
12 22 13 00-0062		**>168" To 192" Wide Lined Draperies** *(12 22 13 00-0001)*		
12 22 13 00-0063	EA	Up To 39" Long, >168" To 192" Wide Lined Draperies	1,738.92	46.99
12 22 13 00-0064	EA	>39" To 63" Long, >168" To 192" Wide Lined Draperies	1,858.12	46.99
12 22 13 00-0065	EA	>63" To 72" Long, >168" To 192" Wide Lined Draperies	1,929.63	46.99
12 22 13 00-0066	EA	>72" To 81" Long, >168" To 192" Wide Lined Draperies	2,048.83	46.99
12 22 13 00-0067	EA	>81" To 90" Long, >168" To 192" Wide Lined Draperies	2,144.19	46.99
12 22 13 00-0068	EA	>90" To 99" Long, >168" To 192" Wide Lined Draperies	2,263.39	46.99
12 22 13 00-0069	EA	>99" To 108" Long, >168" To 192" Wide Lined Draperies	2,454.11	46.99
12 22 13 00-0070	EA	>108" To 120" Long, >168" To 192" Wide Lined Draperies	2,525.62	46.99
12 22 13 00-0071	EA	>120" To 130" Long, >168" To 192" Wide Lined Draperies	2,692.50	46.99
12 22 13 00-0072		**>192" To 216" Wide Lined Draperies** *(12 22 13 00-0001)*		
12 22 13 00-0073	EA	Up To 39" Long, >192" To 216" Wide Lined Draperies	1,964.18	52.35
12 22 13 00-0074	EA	>39" To 63" Long, >192" To 216" Wide Lined Draperies	2,059.54	52.35
12 22 13 00-0075	EA	>63" To 72" Long, >192" To 216" Wide Lined Draperies	2,154.90	52.35
12 22 13 00-0076	EA	>72" To 81" Long, >192" To 216" Wide Lined Draperies	2,297.93	52.35
12 22 13 00-0077	EA	>81" To 90" Long, >192" To 216" Wide Lined Draperies	2,440.97	52.35
12 22 13 00-0078	EA	>90" To 99" Long, >192" To 216" Wide Lined Draperies	2,584.01	52.35

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 22 13 00-0079	EA	>99" To 108" Long, >192" To 216" Wide Lined Draperies	2,703.21	52.35
12 22 13 00-0080	EA	>108" To 120" Long, >192" To 216" Wide Lined Draperies	2,822.41	52.35
12 22 13 00-0081	EA	>120" To 130" Long, >192" To 216" Wide Lined Draperies	3,036.96	52.35
12 22 13 00-0082		>216" To 240" Wide Lined Draperies *(12 22 13 00-0001)*		
12 22 13 00-0083	EA	Up To 39" Long, >216" To 240" Wide Lined Draperies	2,165.61	57.70
12 22 13 00-0084	EA	>39" To 63" Long, >216" To 240" Wide Lined Draperies	2,332.49	57.70
12 22 13 00-0085	EA	>63" To 72" Long, >216" To 240" Wide Lined Draperies	2,404.00	57.70
12 22 13 00-0086	EA	>72" To 81" Long, >216" To 240" Wide Lined Draperies	2,547.04	57.70
12 22 13 00-0087	EA	>81" To 90" Long, >216" To 240" Wide Lined Draperies	2,713.92	57.70
12 22 13 00-0088	EA	>90" To 99" Long, >216" To 240" Wide Lined Draperies	2,856.96	57.70
12 22 13 00-0089	EA	>99" To 108" Long, >216" To 240" Wide Lined Draperies	2,999.99	57.70
12 22 13 00-0090	EA	>108" To 120" Long, >216" To 240" Wide Lined Draperies	3,143.03	57.70
12 22 13 00-0091	EA	>120" To 130" Long, >216" To 240" Wide Lined Draperies	3,381.42	57.70
12 22 16		**Drapery Track and Accessories** *(12 22)*		
12 22 16 00-0001		Metal Wall Or Ceiling Mount Drapery Tracks *(12 22 16)*		
12 22 16 00-0002		Basic Traverse Rod *(12 22 16 00-0001)*		
12 22 16 00-0003	EA	Traverse Rod, 30" To 50" Extension Metal Wall Or Ceiling Mounted Track	155.66	50.76
12 22 16 00-0004	EA	Traverse Rod, 50" To 90" Extension Metal Wall Or Ceiling Mounted Track	184.22	50.76
12 22 16 00-0005	EA	Traverse Rod, 84' To 156" Extension Metal Wall Or Ceiling Mounted Track	219.89	56.40
12 22 16 00-0006	EA	Traverse Rod, 136" To 250" Extension Metal Wall Or Ceiling Mounted Track	309.08	56.40
12 22 16 00-0007	EA	Traverse Rod, 165" To 312" Extension Metal Wall Or Ceiling Mounted Track	319.67	62.04
12 22 16 00-0008		Traverse Rod With Stationary Curtain Rod *(12 22 16 00-0001)*		
12 22 16 00-0009	EA	Tray And Curtain Rod, 30" To 50" Extension Metal Wall Or Ceiling Mounted Track	183.03	50.76
12 22 16 00-0010	EA	Tray And Curtain Rod, 50" To 90" Extension Metal Wall Or Ceiling Mounted Track	201.47	50.76
12 22 16 00-0011	EA	Tray And Curtain Rod, 84" To 156" Extension Metal Wall Or Ceiling Mounted Track	263.33	56.40
12 22 16 00-0012	EA	Tray And Curtain Rod, 136" To 250" Extension Metal Wall Or Ceiling Mounted Track	302.42	62.04
12 22 16 00-0013		Double Traverse Rod *(12 22 16 00-0001)*		
12 22 16 00-0014	EA	Double Traverse Rod, 30" To 50" Extension Metal Wall Or Ceiling Mounted Track	230.03	50.76
12 22 16 00-0015	EA	Double Traverse Rod, 50" To 90" Extension Metal Wall Or Ceiling Mounted Track	285.96	50.76
12 22 16 00-0016	EA	Double Traverse Rod, 84" To 156" Extension Metal Wall Or Ceiling Mounted Track	361.20	56.40
12 22 16 00-0017	EA	Double Traverse Rod, 136" To 250" Extension Metal Wall Or Ceiling Mounted Track	389.88	62.04
12 22 16 00-0018		Curtain Rods *(12 22 16 00-0001)*		
12 22 16 00-0019	LF	Standard Metal Curtain Rod, White	12.84	2.14
12 22 16 00-0020		Relocate Drapery And Rod *(12 22 16 00-0001)*		
12 22 16 00-0021	LF	Relocate Any Type Of Drapery And Any Type Rod Note: Includes storage and cleaning.	33.84	
12 23		**Interior Shutters** *(12 20)*		
12 23 13		**Wood Interior Shutters** *(12 23)*		
12 23 13 00-0001		Interior Plantation Shutters *(12 23 13)* Note: Mixture of white pine and poplar wood, stile: 1-3/4" x 1-1/8" thick, blade: 3/8" x 2-3/8", top and bottom rail: 4" x 1-5/16" thick. 36" To 48" heights do not have center rail, 52" to 80" with center rail. Center rail: 2" x 15/16"		
12 23 13 00-0002		12" Wide *(12 23 13 00-0001)*		
12 23 13 00-0003	PR	12" x 36" Plantation Shutter	300.81	35.91
12 23 13 00-0004	PR	12" x 40" Plantation Shutter	334.82	37.71
12 23 13 00-0005	PR	12" x 44" Plantation Shutter	365.67	39.50
12 23 13 00-0006	PR	12" x 48" Plantation Shutter	396.52	41.30
12 23 13 00-0007	PR	12" x 52" Plantation Shutter	427.37	43.10
12 23 13 00-0008	PR	12" x 56" Plantation Shutter	458.22	44.88
12 23 13 00-0009	PR	12" x 60" Plantation Shutter	460.62	46.68
12 23 13 00-0010	PR	12" x 64" Plantation Shutter	519.92	48.47
12 23 13 00-0011	PR	12" x 68" Plantation Shutter	550.77	50.27
12 23 13 00-0012	PR	12" x 72" Plantation Shutter	581.62	52.06
12 23 13 00-0013	PR	12" x 76" Plantation Shutter	612.47	53.86
12 23 13 00-0014	PR	12" x 80" Plantation Shutter	643.32	55.65
12 23 13 00-0015		14" Wide *(12 23 13 00-0001)*		
12 23 13 00-0016	PR	14" x 36" Plantation Shutter	313.45	35.91
12 23 13 00-0017	PR	14" x 40" Plantation Shutter	347.48	37.71
12 23 13 00-0018	PR	14" x 44" Plantation Shutter	378.32	39.50
12 23 13 00-0019	PR	14" x 48" Plantation Shutter	409.18	41.30
12 23 13 00-0020	PR	14" x 52" Plantation Shutter	443.18	43.10

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 23 13 00-0021	PR	14" x 56" Plantation Shutter	474.02	44.88
12 23 13 00-0022	PR	14" x 60" Plantation Shutter	504.88	46.68
12 23 13 00-0023	PR	14" x 64" Plantation Shutter	538.89	48.47
12 23 13 00-0024	PR	14" x 68" Plantation Shutter	569.74	50.27
12 23 13 00-0025	PR	14" x 72" Plantation Shutter	600.60	52.06
12 23 13 00-0026	PR	14" x 76" Plantation Shutter	634.60	53.86
12 23 13 00-0027	PR	14" x 80" Plantation Shutter	665.45	55.65
12 23 13 00-0028		**15" Wide** *(12 23 13 00-0001)*		
12 23 13 00-0029	PR	15" x 36" Plantation Shutter	326.10	35.91
12 23 13 00-0030	PR	15" x 40" Plantation Shutter	360.13	37.71
12 23 13 00-0031	PR	15" x 44" Plantation Shutter	390.96	39.50
12 23 13 00-0032	PR	15" x 48" Plantation Shutter	421.83	41.30
12 23 13 00-0033	PR	15" x 52" Plantation Shutter	455.83	43.10
12 23 13 00-0034	PR	15" x 56" Plantation Shutter	489.83	44.88
12 23 13 00-0035	PR	15" x 60" Plantation Shutter	523.85	46.68
12 23 13 00-0036	PR	15" x 64" Plantation Shutter	557.86	48.47
12 23 13 00-0037	PR	15" x 68" Plantation Shutter	591.87	50.27
12 23 13 00-0038	PR	15" x 72" Plantation Shutter	622.73	52.06
12 23 13 00-0039	PR	15" x 76" Plantation Shutter	656.74	53.86
12 23 13 00-0040	PR	15" x 80" Plantation Shutter	690.74	55.65
12 23 13 00-0041		**16" Wide** *(12 23 13 00-0001)*		
12 23 13 00-0042	PR	16" x 36" Plantation Shutter	345.07	35.91
12 23 13 00-0043	PR	16" x 40" Plantation Shutter	382.26	37.71
12 23 13 00-0044	PR	16" x 44" Plantation Shutter	416.26	39.50
12 23 13 00-0045	PR	16" x 48" Plantation Shutter	453.45	41.30
12 23 13 00-0046	PR	16" x 52" Plantation Shutter	487.44	43.10
12 23 13 00-0047	PR	16" x 56" Plantation Shutter	521.45	44.88
12 23 13 00-0048	PR	16" x 60" Plantation Shutter	555.47	46.68
12 23 13 00-0049	PR	16" x 64" Plantation Shutter	595.80	48.47
12 23 13 00-0050	PR	16" x 68" Plantation Shutter	629.81	50.27
12 23 13 00-0051	PR	16" x 72" Plantation Shutter	663.83	52.06
12 23 13 00-0052	PR	16" x 76" Plantation Shutter	701.00	53.86
12 23 13 00-0053	PR	16" x 80" Plantation Shutter	735.01	55.65
12 23 13 00-0054		**18" Wide** *(12 23 13 00-0001)*		
12 23 13 00-0055	PR	18" x 36" Plantation Shutter	373.53	35.91
12 23 13 00-0056	PR	18" x 40" Plantation Shutter	410.72	37.71
12 23 13 00-0057	PR	18" x 44" Plantation Shutter	447.87	39.50
12 23 13 00-0058	PR	18" x 48" Plantation Shutter	488.22	41.30
12 23 13 00-0059	PR	18" x 52" Plantation Shutter	525.38	43.10
12 23 13 00-0060	PR	18" x 56" Plantation Shutter	565.71	44.88
12 23 13 00-0061	PR	18" x 60" Plantation Shutter	602.89	46.68
12 23 13 00-0062	PR	18" x 64" Plantation Shutter	640.06	48.47
12 23 13 00-0063	PR	18" x 68" Plantation Shutter	677.24	50.27
12 23 13 00-0064	PR	18" x 72" Plantation Shutter	717.58	52.06
12 23 13 00-0065	PR	18" x 76" Plantation Shutter	754.75	53.86
12 23 13 00-0066	PR	18" x 80" Plantation Shutter	795.08	55.65
12 23 13 00-0067		**20" Wide** *(12 23 13 00-0001)*		
12 23 13 00-0068	PR	20" x 36" Plantation Shutter	405.14	35.91
12 23 13 00-0069	PR	20" x 40" Plantation Shutter	448.66	37.71
12 23 13 00-0070	PR	20" x 44" Plantation Shutter	488.98	39.50
12 23 13 00-0071	PR	20" x 48" Plantation Shutter	529.33	41.30
12 23 13 00-0072	PR	20" x 52" Plantation Shutter	572.81	43.10
12 23 13 00-0073	PR	20" x 56" Plantation Shutter	613.14	44.88
12 23 13 00-0074	PR	20" x 60" Plantation Shutter	656.64	46.68
12 23 13 00-0075	PR	20" x 64" Plantation Shutter	696.97	48.47
12 23 13 00-0076	PR	20" x 68" Plantation Shutter	740.47	50.27
12 23 13 00-0077	PR	20" x 72" Plantation Shutter	780.82	52.06
12 23 13 00-0078	PR	20" x 76" Plantation Shutter	824.31	53.86
12 23 13 00-0079	PR	20" x 80" Plantation Shutter	864.64	55.65
12 23 13 00-0080		**22" Wide** *(12 23 13 00-0001)*		
12 23 13 00-0081	PR	22" x 36" Plantation Shutter	430.44	35.91
12 23 13 00-0082	PR	22" x 40" Plantation Shutter	477.11	37.71
12 23 13 00-0083	PR	22" x 44" Plantation Shutter	520.59	39.50
12 23 13 00-0084	PR	22" x 48" Plantation Shutter	5,306.67	41.30
12 23 13 00-0085	PR	22" x 52" Plantation Shutter	610.75	43.10
12 23 13 00-0086	PR	22" x 56" Plantation Shutter	654.24	44.88
12 23 13 00-0087	PR	22" x 60" Plantation Shutter	697.74	46.68
12 23 13 00-0088	PR	22" x 64" Plantation Shutter	744.40	48.47
12 23 13 00-0089	PR	22" x 68" Plantation Shutter	787.90	50.27
12 23 13 00-0090	PR	22" x 72" Plantation Shutter	834.56	52.06

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 23 13 00-0091	PR	22" x 76" Plantation Shutter	878.06	53.86
12 23 13 00-0092	PR	22" x 80" Plantation Shutter	924.71	55.65
12 23 13 00-0093		24" Wide *(12 23 13 00-0001)*		
12 23 13 00-0094	PR	24" x 36" Plantation Shutter	455.73	35.91
12 23 13 00-0095	PR	24" x 40" Plantation Shutter	505.57	37.71
12 23 13 00-0096	PR	24" x 44" Plantation Shutter	552.21	39.50
12 23 13 00-0097	PR	24" x 48" Plantation Shutter	602.05	41.30
12 23 13 00-0098	PR	24" x 52" Plantation Shutter	648.69	43.10
12 23 13 00-0099	PR	24" x 56" Plantation Shutter	695.34	44.88
12 23 13 00-0100	PR	24" x 60" Plantation Shutter	742.01	46.68
12 23 13 00-0101	PR	24" x 64" Plantation Shutter	791.82	48.47
12 23 13 00-0102	PR	24" x 68" Plantation Shutter	838.49	50.27
12 23 13 00-0103	PR	24" x 72" Plantation Shutter	888.31	52.06
12 23 13 00-0104	PR	24" x 76" Plantation Shutter	934.97	53.86
12 23 13 00-0105	PR	24" x 80" Plantation Shutter	984.78	55.65

12 24 Window Shades *(12 20)*

12 24 13 Roller Window Shades *(12 24)*

12 24 13 00-0001 Roller Window Shades *(12 24 13)*

12 24 13 00-0002 Vinyl Coated Fiberglass, Roller Window Shades *(12 24 13 00-0001)*
Note: Includes roller, brackets, and stainless steel chain operator.

12 24 13 00-0003	SF	0% Openness, Blackout, Vinyl Coated Fiberglass, Roller Window Shades	15.30	0.71
12 24 13 00-0004	SF	1% To 10% Openness, Vinyl Coated Fiberglass, Roller Window Shades	15.30	0.71

12 24 13 00-0005 Polyvinyl Chloride (PVC) Free, Acrylic Backed Polyester, Roller Window Shades *(12 24 13 00-0001)*
Note: Includes roller, brackets, and stainless steel chain operator.

12 24 13 00-0006	SF	0% Openness, Blackout, Polyvinyl Chloride (PVC) Free, Acrylic Backed Polyester, Roller Window Shades	19.56	0.71

12 24 13 00-0007 Vinyl Coated Polyester, Roller Window Shades *(12 24 13 00-0001)*
Note: Includes roller, brackets, and stainless steel chain operator.

12 24 13 00-0008	SF	1% To 10% Openness, Vinyl Coated Polyester, Roller Window Shades	15.30	0.71

12 25 Window Treatment Operating Hardware *(12 20)*

12 25 09 Window Treatment Control System *(12 25)*

12 25 09 00-0001 Motorized Lightproof Shades *(12 25 09)*

12 25 09 00-0002	SF	Motorized Lightproof Shades, Up To 144" Width	40.82	2.82

12 30 Casework *(12)*

12 31 Manufactured Metal Casework *(12 30)*

12 31 16 Manufactured Metal Sandwich Panel Casework *(12 31)*

12 31 16 00-0001 34-1/2" High x 24" Deep, Stainless Steel Cabinets *(12 31 16)*

12 31 16 00-0002 18 Gauge, #4 Finish, 304 Stainless Steel Base Cabinets *(12 31 16 00-0001)*

12 31 16 00-0003 18" Stainless Steel Base Cabinet *(12 31 16 00-0002)*

12 31 16 00-0004	EA	18" Stainless Steel Base Cabinet, No Doors Or Drawers	2,064.52	258.75
		For 16 Gauge Stainless Steel, Add	*332.57*	
		For >5 To 9, Deduct	*-81.21*	
		For >9, Deduct	*-162.42*	
12 31 16 00-0005	EA	18" Stainless Steel Base Cabinet, With 4 Drawers	3,378.38	258.75
		For 16 Gauge Stainless Steel, Add	*615.05*	
		For >5 To 9, Deduct	*-150.19*	
		For >9, Deduct	*-300.38*	
12 31 16 00-0006	EA	18" Stainless Steel Base Cabinet, With 3 Drawers	3,130.47	258.75
		For 16 Gauge Stainless Steel, Add	*561.75*	
		For >5 To 9, Deduct	*-137.17*	
		For >9, Deduct	*-274.35*	
12 31 16 00-0007	EA	18" Stainless Steel Base Cabinet, With 2 Drawers	2,882.55	258.75
		For 16 Gauge Stainless Steel, Add	*508.45*	
		For >5 To 9, Deduct	*-124.16*	
		For >9, Deduct	*-248.31*	
12 31 16 00-0008	EA	18" Stainless Steel Base Cabinet, With Doors And Drawers	2,798.42	258.75
		For 16 Gauge Stainless Steel, Add	*490.36*	
		For >5 To 9, Deduct	*-119.74*	
		For >9, Deduct	*-239.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 31 16 00-0009		**24" Stainless Steel Base Cabinet** *(12 31 16 00-0002)*		
12 31 16 00-0010	EA	24" Stainless Steel Base Cabinet, With Doors And Locks	2,998.54	279.65
		For 16 Gauge Stainless Steel, Add	*524.35*	
		For >5 To 9, Deduct	*-128.04*	
		For >9, Deduct	*-256.08*	
12 31 16 00-0011	EA	24" Stainless Steel Base Cabinet, With Door, No Locks	2,696.03	279.65
		For 16 Gauge Stainless Steel, Add	*459.31*	
		For >5 To 9, Deduct	*-112.16*	
		For >9, Deduct	*-224.31*	
12 31 16 00-0012	EA	24" Stainless Steel Base Cabinet, With Two Doors, No Locks	2,762.26	279.65
		For 16 Gauge Stainless Steel, Add	*473.55*	
		For >5 To 9, Deduct	*-115.63*	
		For >9, Deduct	*-231.27*	
12 31 16 00-0013	EA	24" Stainless Steel Base Cabinet, No Doors, 2 Drawers	3,070.14	279.65
		For 16 Gauge Stainless Steel, Add	*539.74*	
		For >5 To 9, Deduct	*-131.80*	
		For >9, Deduct	*-263.59*	
12 31 16 00-0014	EA	24" Stainless Steel Base Cabinet, With Doors And Drawers, No Locks	4,003.63	279.65
		For 16 Gauge Stainless Steel, Add	*740.44*	
		For >5 To 9, Deduct	*-180.81*	
		For >9, Deduct	*-361.61*	
12 31 16 00-0015	EA	24" Stainless Steel Base Cabinet, With Doors And Drawers, With Locks	4,403.69	279.65
		For 16 Gauge Stainless Steel, Add	*826.45*	
		For >5 To 9, Deduct	*-201.81*	
		For >9, Deduct	*-403.62*	
12 31 16 00-0016		**30" Stainless Steel Base Cabinet** *(12 31 16 00-0002)*		
12 31 16 00-0017	EA	30" Stainless Steel Base Cabinet, No Doors, No Drawers	2,631.79	294.70
		For 16 Gauge Stainless Steel, Add	*439.16*	
		For >5 To 9, Deduct	*-107.24*	
		For >9, Deduct	*-214.47*	
12 31 16 00-0018	EA	30" Stainless Steel Base Cabinet, With 4 Full Size Drawers	3,845.41	294.70
		For 16 Gauge Stainless Steel, Add	*700.09*	
		For >5 To 9, Deduct	*-170.95*	
		For >9, Deduct	*-341.90*	
12 31 16 00-0019	EA	30" Stainless Steel Base Cabinet, With Doors, Drawers And Locks	4,961.48	294.70
		For 16 Gauge Stainless Steel, Add	*940.04*	
		For >5 To 9, Deduct	*-229.55*	
		For >9, Deduct	*-459.09*	
12 31 16 00-0020	EA	30" Stainless Steel Base Cabinet, With Doors And Drawers, No Locks	4,561.41	294.70
		For 16 Gauge Stainless Steel, Add	*854.03*	
		For >5 To 9, Deduct	*-208.54*	
		For >9, Deduct	*-417.08*	
12 31 16 00-0021	EA	30" Stainless Steel Base Cabinet, With Doors And One Full Size Drawer	4,313.50	294.70
		For 16 Gauge Stainless Steel, Add	*800.73*	
		For >5 To 9, Deduct	*-195.53*	
		For >9, Deduct	*-391.05*	
12 31 16 00-0022	EA	30" Stainless Steel Base Cabinet, With Doors, No Locks	3,307.52	294.70
		For 16 Gauge Stainless Steel, Add	*584.44*	
		For >5 To 9, Deduct	*-142.71*	
		For >9, Deduct	*-285.43*	
12 31 16 00-0023	EA	30" Stainless Steel Base Cabinet, With Doors And Locks	3,277.09	294.70
		For 16 Gauge Stainless Steel, Add	*577.90*	
		For >5 To 9, Deduct	*-141.12*	
		For >9, Deduct	*-282.23*	
12 31 16 00-0024		**36" Stainless Steel Base Cabinet** *(12 31 16 00-0002)*		
12 31 16 00-0025	EA	36" Stainless Steel Base Cabinet, No Doors, No Drawers	2,910.28	306.40
		For 16 Gauge Stainless Steel, Add	*493.83*	
		For >5 To 9, Deduct	*-120.59*	
		For >9, Deduct	*-241.17*	
12 31 16 00-0026	EA	36" Stainless Steel Base Cabinet, With Doors And Locks	3,556.47	306.40
		For 16 Gauge Stainless Steel, Add	*632.76*	
		For >5 To 9, Deduct	*-154.51*	
		For >9, Deduct	*-309.02*	
12 31 16 00-0027	EA	36" Stainless Steel Base Cabinet, With Door, No Lock	3,318.40	306.40
		For 16 Gauge Stainless Steel, Add	*581.58*	
		For >5 To 9, Deduct	*-142.01*	
		For >9, Deduct	*-284.03*	
12 31 16 00-0028	EA	36" Stainless Steel Base Cabinet, With Doors, Drawers And Lock	5,237.28	306.40
		For 16 Gauge Stainless Steel, Add	*994.14*	
		For >5 To 9, Deduct	*-242.75*	
		For >9, Deduct	*-485.51*	
12 31 16 00-0029	EA	36" Stainless Steel Base Cabinet, With Doors, Drawers, No Locks	4,838.11	306.40
		For 16 Gauge Stainless Steel, Add	*908.31*	
		For >5 To 9, Deduct	*-221.80*	
		For >9, Deduct	*-443.60*	
12 31 16 00-0030		**42" Stainless Steel Base Cabinet** *(12 31 16 00-0002)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 31 16 00-0031	EA	42" Stainless Steel Base Cabinet, No Doors, No Drawers	3,054.54	325.62
		For 16 Gauge Stainless Steel, Add	*516.69*	
		For >5 To 9, Deduct	*-126.17*	
		For >9, Deduct	*-252.34*	
12 31 16 00-0032	EA	42" Stainless Steel Base Cabinet, With Doors, Drawers And Lock	5,523.84	325.62
		For 16 Gauge Stainless Steel, Add	*1,047.59*	
		For >5 To 9, Deduct	*-255.81*	
		For >9, Deduct	*-511.62*	
12 31 16 00-0033	EA	42" Stainless Steel Base Cabinet, With Doors, Drawers, No Lock	5,123.78	325.62
		For 16 Gauge Stainless Steel, Add	*961.58*	
		For >5 To 9, Deduct	*-234.80*	
		For >9, Deduct	*-469.61*	
12 31 16 00-0034	EA	42" Stainless Steel Base Cabinet, No Doors, 2 Drawers	4,709.39	325.62
		For 16 Gauge Stainless Steel, Add	*872.49*	
		For >5 To 9, Deduct	*-213.05*	
		For >9, Deduct	*-426.10*	
12 31 16 00-0035	EA	42" Stainless Steel Base Cabinet, With Doors, No Lock	3,605.86	325.62
		For 16 Gauge Stainless Steel, Add	*635.23*	
		For >5 To 9, Deduct	*-155.11*	
		For >9, Deduct	*-310.23*	
12 31 16 00-0036	EA	42" Stainless Steel Base Cabinet, With Doors And Lock	3,840.35	325.62
		For 16 Gauge Stainless Steel, Add	*685.64*	
		For >5 To 9, Deduct	*-167.42*	
		For >9, Deduct	*-334.85*	
12 31 16 00-0037		**48" Stainless Steel Base Cabinet** *(12 31 16 00-0002)*		
12 31 16 00-0038	EA	48" Stainless Steel Base Cabinet, With Doors, Drawers And Lock	5,794.57	333.15
		For 16 Gauge Stainless Steel, Add	*1,102.68*	
		For >5 To 9, Deduct	*-269.26*	
		For >9, Deduct	*-538.52*	
12 31 16 00-0039	EA	48" Stainless Steel Base Cabinet, With Doors, Drawers, No Lock	5,395.40	333.15
		For 16 Gauge Stainless Steel, Add	*1,016.86*	
		For >5 To 9, Deduct	*-248.30*	
		For >9, Deduct	*-496.60*	
12 31 16 00-0040	EA	48" Stainless Steel Base Cabinet, No Doors, No Drawers	3,325.27	333.15
		For 16 Gauge Stainless Steel, Add	*571.78*	
		For >5 To 9, Deduct	*-139.62*	
		For >9, Deduct	*-279.24*	
12 31 16 00-0041	EA	48" Stainless Steel Base Cabinet, No Doors, 2 Drawers	4,981.02	333.15
		For 16 Gauge Stainless Steel, Add	*927.76*	
		For >5 To 9, Deduct	*-226.55*	
		For >9, Deduct	*-453.09*	
12 31 16 00-0042	EA	48" Stainless Steel Base Cabinet, With Doors, And Lock	4,113.76	333.15
		For 16 Gauge Stainless Steel, Add	*741.30*	
		For >5 To 9, Deduct	*-181.02*	
		For >9, Deduct	*-362.03*	
12 31 16 00-0043	EA	48" Stainless Steel Base Cabinet, With Doors, No Locks	4,049.32	333.15
		For 16 Gauge Stainless Steel, Add	*727.45*	
		For >5 To 9, Deduct	*-177.63*	
		For >9, Deduct	*-355.27*	
12 31 16 00-0044		**60" Stainless Steel Base Cabinet** *(12 31 16 00-0002)*		
12 31 16 00-0045	EA	24" Deep x 60" Wide Stainless Steel Sink Base Cabinet	4,004.51	343.29
		For 16 Gauge Stainless Steel, Add	*713.43*	
		For >5 To 9, Deduct	*-174.21*	
		For >9, Deduct	*-348.42*	
12 31 16 00-0046		**18 Gauge, #4 Finish, 304 Stainless Steel Wall Cabinets** *(12 31 16 00-0001)*		
12 31 16 00-0047		**12" Wide Stainless Steel Wall Cabinets** *(12 31 16 00-0046)*		
12 31 16 00-0048	EA	12"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors And Locks	1,614.78	98.51
		For 16 Gauge Stainless Steel, Add	*304.81*	
		For >5 To 9, Deduct	*-74.43*	
		For >9, Deduct	*-148.86*	
12 31 16 00-0049	EA	12"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors, No Locks	1,607.63	104.48
		For 16 Gauge Stainless Steel, Add	*300.71*	
		For >5 To 9, Deduct	*-73.43*	
		For >9, Deduct	*-146.86*	
12 31 16 00-0050		**18" Wide Stainless Steel Wall Cabinets** *(12 31 16 00-0046)*		
12 31 16 00-0051	EA	18"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors And Locks	1,692.41	105.91
		For 16 Gauge Stainless Steel, Add	*318.30*	
		For >5 To 9, Deduct	*-77.72*	
		For >9, Deduct	*-155.45*	
12 31 16 00-0052	EA	18"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors, No Locks	1,594.85	105.91
		For 16 Gauge Stainless Steel, Add	*297.32*	
		For >5 To 9, Deduct	*-72.60*	
		For >9, Deduct	*-145.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 31 16 00-0053	EA	18"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors And Locks	1,872.17	115.22
		For 16 Gauge Stainless Steel, Add	*352.95*	
		For >5 To 9, Deduct	*-86.19*	
		For >9, Deduct	*-172.37*	
12 31 16 00-0054	EA	18"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors, No Locks	1,812.21	115.22
		For 16 Gauge Stainless Steel, Add	*340.06*	
		For >5 To 9, Deduct	*-83.04*	
		For >9, Deduct	*-166.08*	
12 31 16 00-0055		**24" Wide Stainless Steel Wall Cabinets** *(12 31 16 00-0046)*		
12 31 16 00-0056	EA	24"W x 12"D x 36"H Stainless Steel Wall Cabinet, No Door	1,400.77	117.26
		For 16 Gauge Stainless Steel, Add	*250.76*	
		For >5 To 9, Deduct	*-61.23*	
		For >9, Deduct	*-122.46*	
12 31 16 00-0057	EA	24"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors And Locks	1,910.92	117.26
		For 16 Gauge Stainless Steel, Add	*360.44*	
		For >5 To 9, Deduct	*-88.02*	
		For >9, Deduct	*-176.03*	
12 31 16 00-0058	EA	24"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors, No Locks	1,814.26	117.26
		For 16 Gauge Stainless Steel, Add	*339.66*	
		For >5 To 9, Deduct	*-82.94*	
		For >9, Deduct	*-165.88*	
12 31 16 00-0059	EA	24"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors And Locks	1,799.14	109.49
		For 16 Gauge Stainless Steel, Add	*339.68*	
		For >5 To 9, Deduct	*-82.95*	
		For >9, Deduct	*-165.89*	
12 31 16 00-0060	EA	24"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors, No Locks	1,696.21	109.49
		For 16 Gauge Stainless Steel, Add	*317.55*	
		For >5 To 9, Deduct	*-77.54*	
		For >9, Deduct	*-155.08*	
12 31 16 00-0061	EA	24"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Glass Door, No Lock	2,178.62	109.49
		For 16 Gauge Stainless Steel, Add	*421.27*	
		For >5 To 9, Deduct	*-102.87*	
		For >9, Deduct	*-205.74*	
12 31 16 00-0062	EA	24"W x 12"D x 24"H Stainless Steel Wall Cabinet, No Doors	1,282.72	109.49
		For 16 Gauge Stainless Steel, Add	*228.65*	
		For >5 To 9, Deduct	*-55.83*	
		For >9, Deduct	*-111.67*	
12 31 16 00-0063	EA	24"W x 12"D x 18"H Stainless Steel Wall Cabinet, No Doors	1,207.56	104.48
		For 16 Gauge Stainless Steel, Add	*214.69*	
		For >5 To 9, Deduct	*-52.42*	
		For >9, Deduct	*-104.85*	
12 31 16 00-0064		**30" Wide Stainless Steel Wall Cabinets** *(12 31 16 00-0046)*		
12 31 16 00-0065	EA	30"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors And Locks	2,484.23	124.54
		For 16 Gauge Stainless Steel, Add	*480.55*	
		For >5 To 9, Deduct	*-117.34*	
		For >9, Deduct	*-234.69*	
12 31 16 00-0066	EA	30"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors, No Locks	2,249.74	124.54
		For 16 Gauge Stainless Steel, Add	*430.14*	
		For >5 To 9, Deduct	*-105.03*	
		For >9, Deduct	*-210.07*	
12 31 16 00-0067	EA	30"W x 12"D x 36"H Stainless Steel Wall Cabinet, No Doors	1,504.20	124.54
		For 16 Gauge Stainless Steel, Add	*269.84*	
		For >5 To 9, Deduct	*-65.89*	
		For >9, Deduct	*-131.78*	
12 31 16 00-0068	EA	30"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors And Locks	2,363.81	114.63
		For 16 Gauge Stainless Steel, Add	*458.91*	
		For >5 To 9, Deduct	*-112.06*	
		For >9, Deduct	*-224.12*	
12 31 16 00-0069	EA	30"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors, No Lock	2,129.32	114.63
		For 16 Gauge Stainless Steel, Add	*408.50*	
		For >5 To 9, Deduct	*-99.75*	
		For >9, Deduct	*-199.50*	
12 31 16 00-0070	EA	30"W x 12"D x 24"H Stainless Steel Wall Cabinet, No Doors	1,383.78	114.63
		For 16 Gauge Stainless Steel, Add	*248.20*	
		For >5 To 9, Deduct	*-60.61*	
		For >9, Deduct	*-121.22*	
12 31 16 00-0071	EA	30"W x 12"D x 18"H Stainless Steel Wall Cabinet, No Doors	1,308.26	109.26
		For 16 Gauge Stainless Steel, Add	*234.31*	
		For >5 To 9, Deduct	*-57.22*	
		For >9, Deduct	*-114.43*	
12 31 16 00-0072		**36" Wide Stainless Steel Wall Cabinets** *(12 31 16 00-0046)*		
12 31 16 00-0073	EA	36"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors And Locks	2,583.72	128.13
		For 16 Gauge Stainless Steel, Add	*500.41*	
		For >5 To 9, Deduct	*-122.19*	
		For >9, Deduct	*-244.39*	
12 31 16 00-0074	EA	36"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors, No Locks	2,343.86	128.13
		For 16 Gauge Stainless Steel, Add	*448.84*	
		For >5 To 9, Deduct	*-109.60*	
		For >9, Deduct	*-219.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 31 16 00-0075	EA	36"W x 12"D x 36"H Stainless Steel Wall Cabinet, No Doors	1,603.70	128.13
		For 16 Gauge Stainless Steel, Add	*289.71*	
		For >5 To 9, Deduct	*-70.74*	
		For >9, Deduct	*-141.48*	
12 31 16 00-0076	EA	36"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors And Locks	2,462.24	117.26
		For 16 Gauge Stainless Steel, Add	*478.98*	
		For >5 To 9, Deduct	*-116.96*	
		For >9, Deduct	*-233.92*	
12 31 16 00-0077	EA	36"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors, No Locks	2,228.64	117.26
		For 16 Gauge Stainless Steel, Add	*428.75*	
		For >5 To 9, Deduct	*-104.70*	
		For >9, Deduct	*-209.39*	
12 31 16 00-0078	EA	36"W x 12"D x 24"H Stainless Steel Wall Cabinet, No Doors	1,482.21	117.26
		For 16 Gauge Stainless Steel, Add	*268.27*	
		For >5 To 9, Deduct	*-65.51*	
		For >9, Deduct	*-131.02*	
12 31 16 00-0079	EA	36"W x 12"D x 18"H Stainless Steel Wall Cabinet, With Doors, No Locks	1,408.37	111.65
		For 16 Gauge Stainless Steel, Add	*254.78*	
		For >5 To 9, Deduct	*-62.21*	
		For >9, Deduct	*-124.43*	

12 31 16 00-0080 42" Wide Stainless Steel Wall Cabinets *(12 31 16 00-0046)*

12 31 16 00-0081	EA	42"W x 12"D x 42"H Stainless Steel Wall Cabinet, With Doors, No Locks	2,702.35	161.20
		For 16 Gauge Stainless Steel, Add	*511.75*	
		For >5 To 9, Deduct	*-124.96*	
		For >9, Deduct	*-249.92*	
12 31 16 00-0082	EA	42"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors And Locks	2,709.02	152.12
		For 16 Gauge Stainless Steel, Add	*517.06*	
		For >5 To 9, Deduct	*-126.26*	
		For >9, Deduct	*-252.52*	
12 31 16 00-0083	EA	42"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors, No Locks	2,470.95	152.12
		For 16 Gauge Stainless Steel, Add	*465.87*	
		For >5 To 9, Deduct	*-113.76*	
		For >9, Deduct	*-227.52*	
12 31 16 00-0084	EA	42"W x 12"D x 36"H Stainless Steel Wall Cabinet, No Doors	1,727.20	152.12
		For 16 Gauge Stainless Steel, Add	*305.97*	
		For >5 To 9, Deduct	*-74.71*	
		For >9, Deduct	*-149.43*	
12 31 16 00-0085	EA	42"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors And Locks	2,557.40	127.76
		For 16 Gauge Stainless Steel, Add	*494.91*	
		For >5 To 9, Deduct	*-120.85*	
		For >9, Deduct	*-241.70*	
12 31 16 00-0086	EA	42"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors, No Locks	2,321.12	127.76
		For 16 Gauge Stainless Steel, Add	*444.11*	
		For >5 To 9, Deduct	*-108.44*	
		For >9, Deduct	*-216.89*	
12 31 16 00-0087	EA	42"W x 12"D x 24"H Stainless Steel Wall Cabinet, No Doors	1,577.37	127.76
		For 16 Gauge Stainless Steel, Add	*284.20*	
		For >5 To 9, Deduct	*-69.40*	
		For >9, Deduct	*-138.80*	

12 31 16 00-0088 48" Wide Stainless Steel Wall Cabinets *(12 31 16 00-0046)*

12 31 16 00-0089	EA	48"W x 12"D x 42"H Stainless Steel Wall Cabinet, No Doors, No Locks	2,373.71	161.20
		For 16 Gauge Stainless Steel, Add	*439.69*	
		For >5 To 9, Deduct	*-107.37*	
		For >9, Deduct	*-214.73*	
12 31 16 00-0090	EA	48"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors And Locks	2,806.59	155.47
		For 16 Gauge Stainless Steel, Add	*536.56*	
		For >5 To 9, Deduct	*-131.02*	
		For >9, Deduct	*-262.04*	
12 31 16 00-0091	EA	48"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors, No Locks	2,572.10	155.47
		For 16 Gauge Stainless Steel, Add	*486.15*	
		For >5 To 9, Deduct	*-118.71*	
		For >9, Deduct	*-237.42*	
12 31 16 00-0092	EA	48"W x 12"D x 36"H Stainless Steel Wall Cabinet, No Doors	1,826.56	155.47
		For 16 Gauge Stainless Steel, Add	*325.85*	
		For >5 To 9, Deduct	*-79.57*	
		For >9, Deduct	*-159.14*	
12 31 16 00-0093	EA	48"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors And Locks	2,654.52	128.96
		For 16 Gauge Stainless Steel, Add	*515.23*	
		For >5 To 9, Deduct	*-125.81*	
		For >9, Deduct	*-251.63*	
12 31 16 00-0094	EA	48"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors, No Locks	2,420.92	128.96
		For 16 Gauge Stainless Steel, Add	*465.01*	
		For >5 To 9, Deduct	*-113.55*	
		For >9, Deduct	*-227.10*	
12 31 16 00-0095	EA	48"W x 12"D x 24"H Stainless Steel Wall Cabinet, No Doors	1,674.49	128.96
		For 16 Gauge Stainless Steel, Add	*304.53*	
		For >5 To 9, Deduct	*-74.36*	
		For >9, Deduct	*-148.72*	

12 31 16 00-0096 Accessories *(12 31 16 00-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 31 16 00-0097		**Stainless Steel Countertops** *(12 31 16 00-0096)*		
		Note: Includes all finishes, finished ends and all edge types such as straight, bullnose, eased, marine, etc. Excludes sinks.		
12 31 16 00-0098	SF	16 Gauge Stainless Steel Countertop With Backsplash	100.45	6.57
		For 14 Gauge Stainless Steel, Add	*19.30*	
12 31 16 00-0099	SF	16 Gauge Stainless Steel Countertop Without Backsplash	92.28	6.57
		For 14 Gauge Stainless Steel, Add	*17.49*	
12 31 16 00-0100	EA	Cutout For Sink And/or Faucet In Stainless Steel Countertop	178.39	
12 31 16 00-0101		**Stainless Steel Wall Panels** *(12 31 16 00-0096)*		
12 31 16 00-0102	SF	20 Gauge Stainless Steel Wall Panel	39.72	9.79
		For 18 Gauge Stainless Steel, Add	*5.47*	
		For 16 Gauge Stainless Steel, Add	*10.54*	
12 31 16 00-0103		**Stainless Steel Slanted Cabinet Top Enclosure** *(12 31 16 00-0096)*		
12 31 16 00-0104	EA	Stainless Steel Slanted Cabinet Top Enclosure, 5' Sections	387.29	29.74

12 35 Specialty Casework *(12 30)*

12 35 59 Display Casework *(12 35)*

See CSI section 10 12 00 00-0000 for display cases.

12 35 70 Healthcare Casework *(12 35)*

12 35 70 13 Hospital Casework *(12 35 70)*

12 35 70 13-0001		**Hospital Cabinets** *(12 35 70 13)*		
12 35 70 13-0002	LF	Hospital Base Cabinet, Laminated Plastic	587.79	95.19
12 35 70 13-0003	LF	Hospital Base Cabinet, Enameled Steel	682.12	95.19
12 35 70 13-0004	LF	Hospital Base Cabinet, Stainless Steel	1,043.42	95.19
12 35 70 13-0005	LF	Hospital Cabinet Base Trim, 4" High Enameled Steel	73.75	4.76
12 35 70 13-0006	LF	Hospital Cabinet Base Trim, 4" High Stainless Steel	155.04	4.76
12 35 70 13-0007	LF	Hospital Counter Top, Laminated Plastic Without Backsplash	119.85	23.79
12 35 70 13-0008	LF	Hospital Counter Top, Laminated Plastic With Backsplash	131.89	23.79
12 35 70 13-0009	LF	Hospital Counter Top, Stainless Steel	278.42	23.79
12 35 70 13-0010	LF	Hospital Wall Cabinet, Laminated Plastic	478.57	63.65
12 35 70 13-0011	LF	Hospital Wall Cabinet, Enameled Steel	578.93	63.65
12 35 70 13-0012	LF	Hospital Wall Cabinet, Stainless Steel	880.01	63.65

12 36 Countertops *(12 30)*

12 36 23 Plastic Countertops *(12 36)*

12 36 23 13 Plastic-Laminate-Clad Countertops *(12 36 23)*

12 36 23 13-0001		**Plastic Laminate Countertops** *(12 36 23 13)*		
		Note: Includes plywood, medium-density fiberboard (MDF), or particleboard substrates, finished ends, and all edge types such as bullnose, ogee, roundover, bevel, etc.		
12 36 23 13-0002	SF	Plastic Laminate Countertop Without Backsplash	18.09	11.89
12 36 23 13-0003	SF	Plastic Laminate Countertop With 4" Backsplash	24.24	11.89
12 36 23 13-0004	LF	Plastic Laminate End Splash For Plastic Laminate Countertops	30.60	3.57
12 36 23 13-0005	EA	Cutout For Sink And/or Faucet In Plastic Laminate Countertop	99.11	
12 36 23 13-0006		**Formica Counter Tops (Surell)** *(12 36 23 13)*		
12 36 23 13-0007	LF	Formica Counter Top (Surell), No Fabrication Required Note: High end Formica, color core	215.22	8.92
12 36 23 13-0008	LF	Formica Counter Top (Surell), Fabricated Note: High end Formica, color core, cutouts according to design.	561.30	8.92

12 36 53 Laboratory Countertops *(12 36)*

12 36 53 00-0001		**Epoxy Resin Laboratory Countertops** *(12 36 53)* Note: Includes all finish edge types, and all holes for faucets, fixtures, outlets, etc. Excludes cut out for sinks.		
12 36 53 00-0002	SF	3/4" Thick, Black Epoxy Resin Laboratory Countertop Without Backsplash, Machined Bevel Or Radius Edges	61.99	5.95
12 36 53 00-0003	SF	1" Thick, Black Epoxy Resin Laboratory Countertop Without Backsplash, Machined Bevel Or Radius Edges	64.03	5.95
12 36 53 00-0004	SF	1-1/4" Thick, Black Epoxy Resin Laboratory Countertop Without Backsplash, Machined Bevel Or Radius Edges	78.11	5.95
12 36 53 00-0005	LF	4" x 3/4" Thick, Black Epoxy Resin Backsplash For Laboratory Countertop	23.57	3.57
12 36 53 00-0006	LF	6" x 3/4" Thick, Black Epoxy Resin Backsplash For Laboratory Countertop	31.79	3.57
12 36 53 00-0007		**Epoxy Resin Laboratory Sinks** *(12 36 53)* Note: Includes cut out for sinks, and sink strainer assembly set.		
12 36 53 00-0008		**Epoxy Resin Laboratory Undermount Sink** *(12 36 53 00-0007)*		
12 36 53 00-0009	EA	12" Length x 8" Width x 6" Depth, Black Epoxy Resin Laboratory Undermount Sink	600.10	113.37
12 36 53 00-0010	EA	12" Length x 8" Width x 7" Depth, Black Epoxy Resin Laboratory Undermount Sink	610.35	113.37
12 36 53 00-0011	EA	12" Length x 12" Width x 8" Depth, Black Epoxy Resin Laboratory Undermount Sink	719.91	113.37

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 36 53 00-0012	EA	14" Length x 10" Width x 6" Depth, Black Epoxy Resin Laboratory Undermount Sink	610.35	113.37
12 36 53 00-0013	EA	16" Length x 8" Width x 7" Depth, Black Epoxy Resin Laboratory Undermount Sink	647.26	122.91
12 36 53 00-0014	EA	16" Length x 12" Width x 8" Depth, Black Epoxy Resin Laboratory Undermount Sink	683.78	122.91
12 36 53 00-0015	EA	16" Length x 16" Width x 12" Depth, Black Epoxy Resin Laboratory Undermount Sink	1,442.55	122.91
12 36 53 00-0016	EA	18" Length x 15" Width x 11" Depth, Black Epoxy Resin Laboratory Undermount Sink	767.23	122.91
12 36 53 00-0017	EA	24" Length x 16" Width x 8" Depth, Black Epoxy Resin Laboratory Undermount Sink	793.73	131.38
12 36 53 00-0018	EA	24" Length x 16" Width x 10" Depth, Black Epoxy Resin Laboratory Undermount Sink	982.05	131.38
12 36 53 00-0019	EA	24" Length x 16" Width x 12" Depth, Black Epoxy Resin Laboratory Undermount Sink	1,182.86	131.38
12 36 53 00-0020	EA	30" Length x 18" Width x 18" Depth, Black Epoxy Resin Laboratory Undermount Sink	2,616.23	131.38
12 36 53 00-0021	EA	31" Length x 21" Width x 12" Depth, Black Epoxy Resin Laboratory Undermount Sink	1,330.37	131.38
12 36 53 00-0022	EA	36" Length x 20" Width x 16" Depth, Black Epoxy Resin Laboratory Undermount Sink	2,812.71	131.38
12 36 53 00-0023	EA	42" Length x 20" Width x 10" Depth, Black Epoxy Resin Laboratory Undermount Sink	3,860.40	134.56
12 36 53 00-0024		**Epoxy Resin Laboratory Drop-in Sink** *(12 36 53 00-0007)*		
12 36 53 00-0025	EA	9" Length x 6" Width x 6" Depth, Black Epoxy Resin Laboratory Drop-in Sink	598.57	113.37
12 36 53 00-0026	EA	12" Length x 8" Width x 6" Depth, Black Epoxy Resin Laboratory Drop-in Sink	600.08	113.37
12 36 53 00-0027	EA	12" Length x 12" Width x 12" Depth, Black Epoxy Resin Laboratory Drop-in Sink	705.13	113.37
12 36 53 00-0028	EA	14" Length x 10" Width x 6" Depth, Black Epoxy Resin Laboratory Drop-in Sink	610.35	113.37
12 36 53 00-0029	EA	15" Length x 8" Width x 6" Depth, Black Epoxy Resin Laboratory Drop-in Sink	644.51	113.37
12 36 53 00-0030	EA	15" Length x 8" Width x 11" Depth, Black Epoxy Resin Laboratory Drop-in Sink	644.51	113.37
12 36 53 00-0031	EA	16" Length x 8" Width x 7" Depth, Black Epoxy Resin Laboratory Drop-in Sink	647.26	122.91
12 36 53 00-0032	EA	16" Length x 12" Width x 8" Depth, Black Epoxy Resin Laboratory Drop-in Sink	683.78	122.91
12 36 53 00-0033	EA	16" Length x 16" Width x 9-5/8" Depth, Black Epoxy Resin Laboratory Drop-in Sink	704.69	122.91
12 36 53 00-0034	EA	18" Length x 15" Width x 8" Depth, Black Epoxy Resin Laboratory Drop-in Sink	709.90	122.91
12 36 53 00-0035	EA	18" Length x 15" Width x 11" Depth, Black Epoxy Resin Laboratory Drop-in Sink	836.12	122.91
12 36 53 00-0036	EA	24" Length x 16" Width x 8" Depth, Black Epoxy Resin Laboratory Drop-in Sink	862.62	131.38
12 36 53 00-0037	EA	25" Length x 15" Width x 8" Depth, Black Epoxy Resin Laboratory Drop-in Sink	882.05	131.38
12 36 53 00-0038	EA	25" Length x 15" Width x 10" Depth, Black Epoxy Resin Laboratory Drop-in Sink	888.65	131.38
12 36 53 00-0039	EA	30" Length x 16" Width x 10" Depth, Black Epoxy Resin Laboratory Drop-in Sink	1,325.30	131.38
12 36 53 00-0040	EA	10" Diameter x 7.8" Depth, Black Round Epoxy Resin Laboratory Drop-in Sink	608.87	112.31
12 36 53 00-0041	EA	12" Diameter x 7.8" Depth, Black Round Epoxy Resin Laboratory Drop-in Sink	626.57	112.31
12 36 53 00-0042		**Epoxy Resin Laboratory ADA Drop-in Sink** *(12 36 53 00-0007)*		
12 36 53 00-0043	EA	14" Length x 10" Width x 5" Depth, Black Epoxy Resin Laboratory ADA Drop-in Sink	605.05	112.31
12 36 53 00-0044	EA	14" Length x 14" Width x 5" Depth, Black Epoxy Resin Laboratory ADA Drop-in Sink	653.41	112.31
12 36 53 00-0045	EA	14" Length x 15" Width x 5" Depth, Black Epoxy Resin Laboratory ADA Drop-in Sink	678.12	112.31
12 36 53 00-0046	EA	25" Length x 15" Width x 5" Depth, Black Epoxy Resin Laboratory ADA Drop-in Sink	888.65	131.38
12 36 53 00-0047		**Epoxy Resin Laboratory Cup Sink** *(12 36 53 00-0007)*		
12 36 53 00-0048	EA	6" Length x 3" Width x 4" Depth, Black Oval Epoxy Resin Laboratory Cup Sink	386.63	91.12
12 36 53 00-0049		**Polypropylene Laboratory Countertops** *(12 36 53)*		
		Note: Includes all finish edge types, and all holes for faucets, fixtures, outlets, etc. Excludes cut out for sinks.		
12 36 53 00-0050	SF	3/4" Thick, Black Polypropylene Laboratory Countertop Without Backsplash, Machined Bevel Or Radius Edges	27.80	5.95
12 36 53 00-0051	SF	1" Thick, Black Polypropylene Laboratory Countertop Without Backsplash, Machined Bevel Or Radius Edges	30.82	5.95
12 36 53 00-0052	SF	1-1/4" Thick, Black Polypropylene Laboratory Countertop Without Backsplash, Machined Bevel Or Radius Edges	34.69	5.95
12 36 53 00-0053	LF	4" x 3/4" Thick, Black Polypropylene Backsplash For Laboratory Countertop	12.17	3.57
12 36 53 00-0054	LF	6" x 3/4" Thick, Black Polypropylene Backsplash For Laboratory Countertop	14.69	3.57
12 36 53 00-0055		**Polypropylene Laboratory Sinks** *(12 36 53)*		
		Note: Includes cut out for sinks, and sink strainer assembly set.		
12 36 53 00-0056		**Polypropylene Laboratory Undermount Sink** *(12 36 53 00-0055)*		
12 36 53 00-0057	EA	12" Length x 8" Width x 8" Depth, Black Polypropylene Laboratory Undermount Sink	644.40	113.37
12 36 53 00-0058	EA	12" Length x 12" Width x 8" Depth, Black Polypropylene Laboratory Undermount Sink	679.53	113.37
12 36 53 00-0059	EA	14" Length x 10" Width x 6" Depth, Black Polypropylene Laboratory Undermount Sink	670.89	113.37
12 36 53 00-0060	EA	16" Length x 8" Width x 7" Depth, Black Polypropylene Laboratory Undermount Sink	706.01	122.91
12 36 53 00-0061	EA	16" Length x 13" Width x 6" Depth, Black Polypropylene Laboratory Undermount Sink	873.65	122.91
12 36 53 00-0062	EA	17" Length x 17" Width x 12" Depth, Black Polypropylene Laboratory Undermount Sink	882.40	122.91
12 36 53 00-0063	EA	18" Length x 15" Width x 12" Depth, Black Polypropylene Laboratory Undermount Sink	882.40	122.91
12 36 53 00-0064	EA	24" Length x 16" Width x 8" Depth, Black Polypropylene Laboratory Undermount Sink	944.22	131.38
12 36 53 00-0065	EA	25" Length x 15" Width x 10" Depth, Black Polypropylene Laboratory Undermount Sink	988.55	131.38
12 36 53 00-0066	EA	23" Length x 17" Width x 11-1/2" Depth, Black Polypropylene Laboratory Undermount Sink	944.22	131.38
12 36 53 00-0067	EA	30" Length x 18" Width x 18" Depth, Black Polypropylene Laboratory Undermount Sink	1,473.69	131.38
12 36 53 00-0068	EA	31" Length x 20.5" Width x 11-1/2" Depth, Black Polypropylene Laboratory Undermount Sink	1,465.82	131.38
12 36 53 00-0069	EA	42" Length x 18" Width x 16" Depth, Black Polypropylene Laboratory Undermount Sink	2,576.47	134.56
12 36 53 00-0070		**Polypropylene Laboratory Drop-in Sink** *(12 36 53 00-0055)*		
12 36 53 00-0071	EA	11" Length x 11" Width x 7" Depth, Black Polypropylene Laboratory Drop-in Sink	556.20	113.37
12 36 53 00-0072	EA	12" Length x 8" Width x 8" Depth, Black Polypropylene Laboratory Drop-in Sink	889.36	113.37
12 36 53 00-0073	EA	12" Length x 12" Width x 8" Depth, Black Polypropylene Laboratory Drop-in Sink	591.29	113.37
12 36 53 00-0074	EA	14" Length x 10" Width x 6" Depth, Black Polypropylene Laboratory Drop-in Sink	582.67	113.37
12 36 53 00-0075	EA	17" Length x 17" Width x 12" Depth, Black Polypropylene Laboratory Drop-in Sink	794.18	122.91
12 36 53 00-0076	EA	16" Length x 8" Width x 7" Depth, Black Polypropylene Laboratory Drop-in Sink	617.77	122.91
12 36 53 00-0077	EA	18" Length x 12" Width x 8" Depth, Black Polypropylene Laboratory Drop-in Sink	794.18	122.91

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 36 53 00-0078	EA	16" Length x 16" Width x 8" Depth, Black Polypropylene Laboratory Drop-in Sink	776.45	122.91
12 36 53 00-0079	EA	18" Length x 15" Width x 8" Depth, Black Polypropylene Laboratory Drop-in Sink	759.22	122.91
12 36 53 00-0080	EA	18" Length x 15" Width x 12" Depth, Black Polypropylene Laboratory Drop-in Sink	794.18	122.91
12 36 53 00-0081	EA	24" Length x 16" Width x 8" Depth, Black Polypropylene Laboratory Drop-in Sink	856.00	131.38
12 36 53 00-0082	EA	25" Length x 15" Width x 10" Depth, Black Polypropylene Laboratory Drop-in Sink	900.31	131.38
12 36 53 00-0083	EA	31" Length x 17" Width x 10" Depth, Black Polypropylene Laboratory Drop-in Sink	1,333.04	131.38
12 36 53 00-0084	EA	12" Diameter x 7.8" Depth, Black Round Polypropylene Laboratory Drop-in Sink	520.07	112.31
12 36 53 00-0085		**Polypropylene Laboratory ADA Drop-in Sink** *(12 36 53 00-0055)*		
12 36 53 00-0086	EA	16" Length x 16" Width x 5.5" Depth, Black Polypropylene Laboratory ADA Drop-in Sink	759.22	122.91
12 36 53 00-0087	EA	25" Length x 15" Width x 5.5" Depth, Black Polypropylene Laboratory ADA Drop-in Sink	880.46	131.38
12 36 53 00-0088		**Polypropylene Laboratory Cup Sink** *(12 36 53 00-0055)*		
12 36 53 00-0089	EA	6" Length x 3" Width x 4" Depth, Black Oval Polypropylene Laboratory Cup Sink	409.45	112.31
12 36 53 00-0090		**Phenolic Resin Laboratory Countertops** *(12 36 53)*		
		Note: Includes all finish edge types, and all holes for faucets, fixtures, outlets, etc. Excludes cut out for sinks.		
12 36 53 00-0091	SF	3/4" Thick, Black Phenolic Resin Laboratory Countertop Without Backsplash, Machined Bevel Or Radius Edges	44.27	5.95
12 36 53 00-0092	SF	1" Thick, Black Phenolic Resin Laboratory Countertop Without Backsplash, Machined Bevel Or Radius Edges	49.89	5.95
12 36 53 00-0093	SF	1-1/4" Thick, Black Phenolic Resin Laboratory Countertop Without Backsplash, Machined Bevel Or Radius Edges	53.80	5.95
12 36 53 00-0094	LF	4" x 3/4" Thick, Black Phenolic Resin Backsplash For Laboratory Countertop	17.05	3.57
12 36 53 00-0095	LF	6" x 3/4" Thick, Black Phenolic Resin Backsplash For Laboratory Countertop	21.94	3.57
12 36 53 00-0096		**High Pressure Laminate Laboratory Countertops** *(12 36 53)*		
		Note: Includes all finish edge types, and all holes for faucets, fixtures, outlets, etc. Excludes cut out for sinks.		
12 36 53 00-0097	SF	3/4" Thick, High Pressure Laminate Laboratory Countertop Without Backsplash, Machined Bevel Edges	26.08	5.95
12 36 53 00-0098	SF	1" Thick, High Pressure Laminate Laboratory Countertop Without Backsplash, Machined Bevel Edges	27.37	5.95
12 36 53 00-0099	SF	1-1/4" Thick, High Pressure Laminate Laboratory Countertop Without Backsplash, Machined Bevel Edges	27.37	5.95
12 36 53 00-0100	LF	4" x 3/4" Thick, High Pressure Laminate Backsplash For Laboratory Countertop	14.48	3.57
12 36 53 00-0101	LF	6" x 3/4" Thick, High Pressure Laminate Backsplash For Laboratory Countertop	14.48	3.57
12 36 61		**Simulated Stone Countertops** *(12 36)*		
12 36 61 16		**Solid Surfacing Countertops** *(12 36 61)*		
12 36 61 16-0001		**Solid Surface Countertops** *(12 36 61 16)*		
12 36 61 16-0002		**Solid Surface Countertops** *(12 36 61 16-0001)*		
		Note: Includes finished ends and all edge types such as bullnose, ogee, roundover, bevel, etc.		
12 36 61 16-0003	SF	1/4" Thick, Solid Color, Solid Surface Backsplash	48.67	7.93
		Note: Quantity based on area of backsplash. Excludes backing material such as cement or water resistant gypsum board.		
		For Up To 50, Add	*16.02*	
		For >50 To 100, Add	*9.17*	
12 36 61 16-0004	SF	1/2" Thick, Solid Color, Solid Surface Countertop Without Backsplash	76.39	11.89
		Note: Quantity based on area of counter, backsplash and apron. Includes drilling holes for fixtures and 1-1/2" drop edge with 1/8" radius edges (when apron not used).		
		For Up To 50, Add	*24.71*	
		For >50 To 100, Add	*14.56*	
		For Integral 16-7/16" x 13" x 5-1/4" Depth Lavatory Sink (Corian 810), Add	*250.50*	
		For Integral 20-7/16" x 14-7/16" x 6-1/8" Depth Lavatory Sink (Corian 815), Add	*316.74*	
		For Integral 17-3/8" x 10-13/16" x 5-1/2" Depth Lavatory Sink (Corian 816), Add	*231.23*	
		For Integral 14-3/4" x 10-1/2" x 5-1/2" Depth Lavatory Sink (Corian 820), Add	*220.39*	
		For Integral 18-7/8" x 13-3/4" x 5-7/8" Depth Lavatory Sink (Corian 830), Add	*316.74*	
		For Integral 20" x 13-3/8" x 6-1/4" Depth Lavatory Sink (Corian 831), Add	*316.74*	
		For Integral 19-3/4" x 14-1/4" x 5-7/8" Depth Lavatory Sink (Corian 835), Add	*316.74*	
		For Integral 17" x 14" x 6" Depth Lavatory Sink (Corian 837), Add	*316.74*	
		For Up To 1.5 SF Integral Single Basin Kitchen Sink, Add	*285.42*	
		Note: Single or double bowl.		
		For >1.5 To 2.25 SF Integral Single Basin Kitchen Sink, Add	*496.18*	
		Note: Single or double bowl.		
		For >2.25 To 3 SF Integral Single Basin Kitchen Sink, Add	*664.78*	
		Note: Single or double bowl.		
		For >3 SF Integral Single Basin Kitchen Sink, Add	*720.18*	
		Note: Single or double bowl.		
		For >3 SF Integral Double Basin Kitchen Sink, Add	*720.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 36 61 16-0005	SF	1/2" Thick, Solid Color, Solid Surface Countertop With 4" Backsplash	83.52	11.89
		For Up To 50, Add	*26.85*	
		For >50 To 100, Add	*15.99*	
		For Integral 16-7/16" x 13" x 5-1/4" Depth Lavatory Sink (Corian 810), Add	*250.50*	
		For Integral 20-7/16" x 14-7/16" x 6-1/8" Depth Lavatory Sink (Corian 815), Add	*316.74*	
		For Integral 17-3/8" x 10-13/16" x 5-1/2" Depth Lavatory Sink (Corian 816), Add	*231.23*	
		For Integral 14-3/4" x 10-1/2" x 5-1/2" Depth Lavatory Sink (Corian 820), Add	*220.39*	
		For Integral 18-7/8" x 13-3/4" x 5-7/8" Depth Lavatory Sink (Corian 830), Add	*316.74*	
		For Integral 20" x 13-3/8" x 6-1/4" Depth Lavatory Sink (Corian 831), Add	*316.74*	
		For Integral 19-3/4" x 14-1/4" x 5-7/8" Depth Lavatory Sink (Corian 835), Add	*316.74*	
		For Integral 17" x 14" x 6" Depth Lavatory Sink (Corian 837), Add	*316.74*	
		For Up To 1.5 SF Integral Single Basin Kitchen Sink, Add	*285.42*	
		Note: Single or double bowl.		
		For >1.5 To 2.25 SF Integral Single Basin Kitchen Sink, Add	*496.18*	
		Note: Single or double bowl.		
		For >2.25 To 3 SF Integral Single Basin Kitchen Sink, Add	*664.78*	
		Note: Single or double bowl.		
		For >3 SF Integral Single Basin Kitchen Sink, Add	*720.18*	
		Note: Single or double bowl.		
		For >3 SF Integral Double Basin Kitchen Sink, Add	*720.18*	
12 36 61 16-0006	LF	1/2" Thick, Solid Color, Solid Surface End Splash For Solid Surface Countertops	28.08	5.05
12 36 61 16-0007	EA	Cutout For Undercounter Sink In Solid Surface Countertop	178.39	
		Note: Not including integral seamed sinks		
12 36 61 16-0008		Integral Seamless Solid Surface Lavatory *(12 36 61 16-0001)*		
		Note: Includes sink cutout and hard seam of lavatory to countertop See CSI section 12 36 61 16-0002 for Solid Surface Countertops.		
12 36 61 16-0009	EA	16-1/2" x 13-1/8"" x 5-1/2" Depth, Integral Solid Surface Lavatory Sink (Corian 810)	290.94	
12 36 61 16-0010	EA	20-7/16" x 14-7/16" x 6-1/8" Depth, Integral Solid Surface Lavatory Sink (Corian 815)	357.18	
12 36 61 16-0011	EA	17-3/8" x 10-13/16" x 5-1/2" Depth, Integral Solid Surface Lavatory Sink (Corian 816)	271.67	
12 36 61 16-0012	EA	14-3/4" x 10-1/2" x 5-1/2" Depth, Integral Solid Surface Lavatory Sink (Corian 820)	260.83	
12 36 61 16-0013	EA	18-7/8" x 13-3/4" x 5-7/8" Depth, Integral Solid Surface Lavatory Sink (Corian 830)	357.18	
12 36 61 16-0014	EA	20" x 13-3/8" x 6-1/4" Depth, Integral Solid Surface Lavatory Sink (Corian 831)	357.18	
12 36 61 16-0015	EA	19-3/4" x 14-1/4" x 5-7/8" Depth, Integral Solid Surface Lavatory Sink (Corian 835)	357.18	
12 36 61 16-0016	EA	17" x 14" x 6" Depth, Integral Solid Surface Lavatory Sink (Corian 837)	357.18	
12 36 61 16-0017		Integral Seamless Solid Surface Kitchen Sink *(12 36 61 16-0001)*		
		Note: Includes sink cutout and hard seam of sink to countertop See CSI section 12 36 61 16-0002 for Solid Surface Countertops.		
12 36 61 16-0018	EA	Up To 1.5 SF, Single Basin, Integral Solid Surface Kitchen Sink	380.57	
12 36 61 16-0019	EA	>1.5 To 2.25 SF, Single Basin, Integral Solid Surface Kitchen Sink	591.33	
12 36 61 16-0020	EA	>2.25 To 3.0 SF, Single Basin, Integral Solid Surface Kitchen Sink	759.93	
12 36 61 16-0021	EA	>3.0 SF, Single Basin, Integral Solid Surface Kitchen Sink	815.33	
12 36 61 16-0022	EA	>3.0 SF, Double Basin, Integral Solid Surface Kitchen Sink	815.33	
12 36 61 19		**Quartz Agglomerate Countertops** *(12 36 61)*		
12 36 61 19-0001		Quartz Agglomerate Countertops *(12 36 61 19)*		
		Note: Includes finished ends and all edge types such as bullnose, ogee, roundover, bevel, etc.		
12 36 61 19-0002	SF	3/4" Thick, Quartz Agglomerate Countertop Without Backsplash	115.64	26.17
12 36 61 19-0003	SF	1-1/4" Thick, Quartz Agglomerate Countertop Without Backsplash	140.61	26.17
12 36 61 19-0004	SF	3/4" Thick, Quartz Agglomerate Countertop With Backsplash	129.14	30.45
12 36 61 19-0005	SF	1-1/4" Thick, Quartz Agglomerate Countertop With Backsplash	154.09	30.45
12 36 61 19-0006	LF	Quartz Agglomerate Countertop End Splash For Quartz Agglomerate Countertops	20.84	5.05
12 36 61 19-0007	EA	Cutout For Sink And/or Faucet In Quartz Agglomerate Countertop	178.39	

12 40 Furnishings and Accessories *(12)*

12 41 Office Accessories *(12 40)*

12 41 11 Office Accessories *(12 41)*

12 41 11 00-0001		Wall Mounted Office Accessories *(12 41 11)*		
12 41 11 00-0002	EA	Manual Pencil Sharpener, Wall Mounted (Bostitch® BOSMPS1BLK)	25.37	3.94
12 41 11 00-0003	EA	Wall Mounted Flag	18.71	3.94
12 41 11 00-0004		Desk Edge Mounted Clamps *(12 41 11)*		
12 41 11 00-0005	EA	Aluminum Desk Edge Clamp Mount Bracket For Plexiglass And Acrylic Panels	40.62	
		Note: Adjustable hand screw mounting to fit 3/4" to 2" desk and table tops, clamp adjusts to support 1/8" to 3/8" thick panels.		
		For >10 To 50, Deduct	*-9.89*	
		For >50, Deduct	*-15.83*	

12 48 Rugs and Mats *(12 40)*

12 48 13 Entrance Floor Mats and Frames *(12 48)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 48 13 13		**Entrance Floor Mats** *(12 48 13)*		
12 48 13 13-0001		Floor Mats *(12 48 13 13)*		
12 48 13 13-0002	SF	3/8" Thick Solid Recessable Floor Mat	35.82	2.82
		For Colors, Add	*6.04*	
12 48 13 13-0003	SF	1/2" Thick Solid Recessable Floor Mat	45.11	2.82
		For Colors, Add	*7.89*	
12 48 13 13-0004	SF	3/8" Thick Perforated Recessable Floor Mat	38.14	2.82
		For Colors, Add	*6.50*	
12 48 13 13-0005	SF	1/2" Thick Perforated Recessable Floor Mat	47.43	2.82
		For Colors, Add	*8.36*	
12 48 13 13-0006		Link Mats *(12 48 13 13)*		
		Note: Includes nosing.		
12 48 13 13-0007	SF	3/8" Link Mats, Aluminum	50.03	2.82
12 48 13 13-0008	SF	Black Rubber Link Mats With Galvanized Tie Rods	37.56	2.82
12 48 13 13-0009	SF	3/8" Thick, Galvanized Steel Link Mats	24.19	2.82
12 48 13 13-0010	SF	Vinyl Link Mats, Color	41.01	2.82
12 48 13 13-0011	LF	Rubber Nosing	4.88	1.24
12 48 13 13-0012		Duckboard *(12 48 13 13)*		
12 48 13 13-0013	SF	Aluminum Slats	72.04	3.09
12 48 13 13-0014	SF	Hardwood Strips On Rubber Base	15.43	3.09
12 48 13 13-0015	SF	Assembled With Brass Rods And Vinyl Spacers	16.79	3.09
12 48 13 13-0016	SF	Tire Fabric, 3/4" Thick	23.62	3.09
12 48 13 13-0017	SF	Vinyl, 36" Wide, Hollow Top And Bottom	21.87	3.09
12 48 13 13-0018	SF	Vinyl, 36" Wide, Solid Top And Bottom	34.27	3.09
12 48 13 16		**Entrance Floor Mat Frames** *(12 48 13)*		
12 48 13 16-0001		Recessed Frames *(12 48 13 16)*		
12 48 13 16-0002	LF	Aluminum Recessed Embedded Frame	30.42	4.76
12 48 13 16-0003	LF	Bronze Recessed Embedded Frame	19.65	4.76

12 50 Furniture *(12)*

12 56 Institutional Furniture *(12 50)*

12 56 33 Classroom Furniture *(12 56)*

12 56 33 00-0001		Multimedia Lectern For Overhead Projectors *(12 56 33)*		
12 56 33 00-0002	EA	30" x 48" x 42" Multimedia Lectern, Locking Doors With Casters	6,413.83	29.74
		Note: Cutout on right for overhead projectors.		
12 56 33 00-0003		Student Workstations With Viewport *(12 56 33)*		
12 56 33 00-0004	EA	Student Workstation, Right Viewport, For Left Handed Mouse Users	2,382.09	29.74
12 56 33 00-0005	EA	Student Workstation, Left Viewport, For Right Handed Mouse Users	2,382.09	29.74
12 56 33 00-0006		Workstation Seating *(12 56 33)*		
12 56 33 00-0007	EA	Student Workstation Chair, Acme Screw, Oversized Glide	477.70	17.84
		Note: Tamper proof controls.		
12 56 33 00-0008		Computer Seating *(12 56 33)*		
12 56 33 00-0009	EA	Fixed Perimeter Computer Station Chair, Acme Screw	571.46	17.84
		Note: Locking casters when seat is occupied.		
12 56 33 00-0010		Preparation/Demonstration Table Chair *(12 56 33)*		
12 56 33 00-0011	EA	Teacher Preparation/Demonstration Table Chair, Locking Casters	718.80	17.84
		Note: Pneumatic adjuster, tamper proof.		
12 56 33 00-0012	EA	Compact Demonstration Table (5')	6,396.66	136.77
		Note: Price includes upright rods and crossbar, cutout for receptacle, finished back on cabinets, drawers, cabinet and associated hardware, including a lock on the top right drawer. Price does not include epoxy resin counter, faucet, plumbing hardware, electrical devices, gas cock, plumbing piping and electrical wiring.		
		For Desk Attachment complete with drawers and finished back, Add	*300.00*	
		For Each Additional Lock, Add	*35.00*	

12 56 53 Laboratory Furniture *(12 56)*

12 56 53 00-0001		Steel Laboratory Furniture *(12 56 53)*		
12 56 53 00-0002		Modular Steel Laboratory Cabinets *(12 56 53 00-0001)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 56 53 00-0003		29-3/8" High x 21-5/8" Deep, Modular Steel Laboratory Base Cabinets *(12 56 53 00-0002)*		
12 56 53 00-0004	EA	15" Wide x 29-3/8" High x 21-5/8" Deep, Open, Modular Steel Laboratory Base Cabinet	1,174.84	102.79
12 56 53 00-0005	EA	18" Wide x 29-3/8" High x 21-5/8" Deep, Open, Modular Steel Laboratory Base Cabinet	1,172.45	102.79
12 56 53 00-0006	EA	21" Wide x 29-3/8" High x 21-5/8" Deep, Open, Modular Steel Laboratory Base Cabinet	1,282.16	112.19
12 56 53 00-0007	EA	24" Wide x 29-3/8" High x 21-5/8" Deep, Open, Modular Steel Laboratory Base Cabinet	1,217.54	112.19
12 56 53 00-0008	EA	30" Wide x 29-3/8" High x 21-5/8" Deep, Open, Modular Steel Laboratory Base Cabinet	1,447.55	126.59
12 56 53 00-0009	EA	36" Wide x 29-3/8" High x 21-5/8" Deep, Open, Modular Steel Laboratory Base Cabinet	1,493.95	130.75
12 56 53 00-0010	EA	42" Wide x 29-3/8" High x 21-5/8" Deep, Open, Modular Steel Laboratory Base Cabinet	1,647.69	144.20
12 56 53 00-0011	EA	48" Wide x 29-3/8" High x 21-5/8" Deep, Open, Modular Steel Laboratory Base Cabinet	1,711.52	149.79
12 56 53 00-0012	EA	15" Wide x 29-3/8" High x 21-5/8" Deep, Door Cabinet With Shelf, Modular Steel Laboratory Base Cabinet	1,662.20	145.39
12 56 53 00-0013	EA	18" Wide x 29-3/8" High x 21-5/8" Deep, Door Cabinet With Shelf, Modular Steel Laboratory Base Cabinet	1,668.01	145.98
12 56 53 00-0014	EA	21" Wide x 29-3/8" High x 21-5/8" Deep, Door Cabinet With Shelf, Modular Steel Laboratory Base Cabinet	1,763.73	154.32
12 56 53 00-0015	EA	24" Wide x 29-3/8" High x 21-5/8" Deep, Door Cabinet With Shelf, Modular Steel Laboratory Base Cabinet	1,725.98	150.99
12 56 53 00-0016	EA	30" Wide x 29-3/8" High x 21-5/8" Deep, Door Cabinet With Shelf, Modular Steel Laboratory Base Cabinet	2,306.26	201.78
12 56 53 00-0017	EA	36" Wide x 29-3/8" High x 21-5/8" Deep, Door Cabinet With Shelf, Modular Steel Laboratory Base Cabinet	2,349.40	205.59
12 56 53 00-0018	EA	42" Wide x 29-3/8" High x 21-5/8" Deep, Door Cabinet With Shelf, Modular Steel Laboratory Base Cabinet	2,593.37	226.89
12 56 53 00-0019	EA	48" Wide x 29-3/8" High x 21-5/8" Deep, Door Cabinet With Shelf, Modular Steel Laboratory Base Cabinet	2,634.26	230.46
12 56 53 00-0020	EA	18" Wide x 29-3/8" High x 21-5/8" Deep, 2 Drawer, Modular Steel Laboratory Base Cabinet	2,413.72	211.18
12 56 53 00-0021	EA	21" Wide x 29-3/8" High x 21-5/8" Deep, 2 Drawer, Modular Steel Laboratory Base Cabinet	2,686.09	235.10
12 56 53 00-0022	EA	24" Wide x 29-3/8" High x 21-5/8" Deep, 2 Drawer, Modular Steel Laboratory Base Cabinet	2,604.72	235.10
12 56 53 00-0023	EA	15" Wide x 29-3/8" High x 21-5/8" Deep, 3 Drawer, Modular Steel Laboratory Base Cabinet	2,438.89	212.97
12 56 53 00-0024	EA	18" Wide x 29-3/8" High x 21-5/8" Deep, 3 Drawer, Modular Steel Laboratory Base Cabinet	2,417.35	212.97
12 56 53 00-0025	EA	21" Wide x 29-3/8" High x 21-5/8" Deep, 3 Drawer, Modular Steel Laboratory Base Cabinet	2,610.80	228.44
12 56 53 00-0026	EA	24" Wide x 29-3/8" High x 21-5/8" Deep, 3 Drawer, Modular Steel Laboratory Base Cabinet	2,591.72	228.08
12 56 53 00-0027	EA	30" Wide x 29-3/8" High x 21-5/8" Deep, 3 Drawer, Modular Steel Laboratory Base Cabinet	2,836.38	247.95
12 56 53 00-0028	EA	36" Wide x 29-3/8" High x 21-5/8" Deep, 3 Drawer, Modular Steel Laboratory Base Cabinet	2,921.12	255.56
12 56 53 00-0029	EA	42" Wide x 29-3/8" High x 21-5/8" Deep, 3 Drawer, Modular Steel Laboratory Base Cabinet	3,196.51	279.60
12 56 53 00-0030	EA	48" Wide x 29-3/8" High x 21-5/8" Deep, 3 Drawer, Modular Steel Laboratory Base Cabinet	3,271.65	286.26
12 56 53 00-0031	EA	15" Wide x 29-3/8" High x 21-5/8" Deep, 4 Drawer, Modular Steel Laboratory Base Cabinet	2,729.76	238.78
12 56 53 00-0032	EA	18" Wide x 29-3/8" High x 21-5/8" Deep, 4 Drawer, Modular Steel Laboratory Base Cabinet	2,567.31	224.63
12 56 53 00-0033	EA	21" Wide x 29-3/8" High x 21-5/8" Deep, 4 Drawer, Modular Steel Laboratory Base Cabinet	2,900.88	253.78
12 56 53 00-0034	EA	24" Wide x 29-3/8" High x 21-5/8" Deep, 4 Drawer, Modular Steel Laboratory Base Cabinet	2,758.73	241.40
12 56 53 00-0035	EA	15" Wide x 29-3/8" High x 21-5/8" Deep, 5 Drawer, Modular Steel Laboratory Base Cabinet	3,095.44	270.79
12 56 53 00-0036	EA	18" Wide x 29-3/8" High x 21-5/8" Deep, 5 Drawer, Modular Steel Laboratory Base Cabinet	3,095.44	270.79
12 56 53 00-0037	EA	21" Wide x 29-3/8" High x 21-5/8" Deep, 5 Drawer, Modular Steel Laboratory Base Cabinet	3,387.89	296.38
12 56 53 00-0038	EA	24" Wide x 29-3/8" High x 21-5/8" Deep, 5 Drawer, Modular Steel Laboratory Base Cabinet	3,266.41	285.79
12 56 53 00-0039	EA	30" Wide x 29-3/8" High x 21-5/8" Deep, 5 Drawer, Modular Steel Laboratory Base Cabinet	3,794.37	331.95
12 56 53 00-0040	EA	36" Wide x 29-3/8" High x 21-5/8" Deep, 5 Drawer, Modular Steel Laboratory Base Cabinet	3,808.73	332.07
12 56 53 00-0041	EA	42" Wide x 29-3/8" High x 21-5/8" Deep, 5 Drawer, Modular Steel Laboratory Base Cabinet	4,136.72	361.93
12 56 53 00-0042	EA	48" Wide x 29-3/8" High x 21-5/8" Deep, 5 Drawer, Modular Steel Laboratory Base Cabinet	4,177.33	365.50
12 56 53 00-0043	EA	24" Wide x 29-3/8" High x 21-5/8" Deep, 8 Drawer, Modular Steel Laboratory Base Cabinet	4,644.35	406.31
12 56 53 00-0044	EA	30" Wide x 29-3/8" High x 21-5/8" Deep, 8 Drawer, Modular Steel Laboratory Base Cabinet	4,789.44	419.04
12 56 53 00-0045	EA	36" Wide x 29-3/8" High x 21-5/8" Deep, 8 Drawer, Modular Steel Laboratory Base Cabinet	4,539.82	418.80
12 56 53 00-0046	EA	42" Wide x 29-3/8" High x 21-5/8" Deep, 8 Drawer, Modular Steel Laboratory Base Cabinet	5,076.43	444.14
12 56 53 00-0047	EA	48" Wide x 29-3/8" High x 21-5/8" Deep, 8 Drawer, Modular Steel Laboratory Base Cabinet	4,960.47	434.02
12 56 53 00-0048	EA	15" Wide x 29-3/8" High x 21-5/8" Deep, 1 Drawer Over Cupboard, Modular Steel Laboratory Base Cabinet	2,204.64	192.87
12 56 53 00-0049	EA	18" Wide x 29-3/8" High x 21-5/8" Deep, 1 Drawer Over Cupboard, Modular Steel Laboratory Base Cabinet	2,144.81	193.34
12 56 53 00-0050	EA	21" Wide x 29-3/8" High x 21-5/8" Deep, 1 Drawer Over Cupboard, Modular Steel Laboratory Base Cabinet	2,300.37	201.19
12 56 53 00-0051	EA	24" Wide x 29-3/8" High x 21-5/8" Deep, 1 Drawer Over Cupboard, Modular Steel Laboratory Base Cabinet	2,240.54	201.19
12 56 53 00-0052	EA	32-7/8" Wide x 29-3/8" High x 21-5/8" Deep, Standard Corner, Modular Steel Laboratory Base Cabinet	3,089.37	270.32
12 56 53 00-0053	EA	32-7/8" Wide x 29-3/8" High x 21-5/8" Deep, Hexagon Corner, Modular Steel Laboratory Base Cabinet	2,671.68	233.67
12 56 53 00-0054		35-1/4" High x 21-5/8" Deep, Modular Steel Laboratory Base Cabinets *(12 56 53 00-0002)*		
12 56 53 00-0055	EA	15" Wide x 35-1/4" High x 21-5/8" Deep, Open, Modular Steel Laboratory Base Cabinet	1,229.97	107.68
12 56 53 00-0056	EA	18" Wide x 35-1/4" High x 21-5/8" Deep, Open, Modular Steel Laboratory Base Cabinet	1,222.79	107.68
12 56 53 00-0057	EA	21" Wide x 35-1/4" High x 21-5/8" Deep, Open, Modular Steel Laboratory Base Cabinet	1,299.62	113.75
12 56 53 00-0058	EA	24" Wide x 35-1/4" High x 21-5/8" Deep, Open, Modular Steel Laboratory Base Cabinet	1,256.09	110.05
12 56 53 00-0059	EA	30" Wide x 35-1/4" High x 21-5/8" Deep, Open, Modular Steel Laboratory Base Cabinet	1,488.15	130.28
12 56 53 00-0060	EA	36" Wide x 35-1/4" High x 21-5/8" Deep, Open, Modular Steel Laboratory Base Cabinet	1,560.67	136.23
12 56 53 00-0061	EA	42" Wide x 35-1/4" High x 21-5/8" Deep, Open, Modular Steel Laboratory Base Cabinet	1,665.10	145.75
12 56 53 00-0062	EA	48" Wide x 35-1/4" High x 21-5/8" Deep, Open, Modular Steel Laboratory Base Cabinet	1,728.92	151.70
12 56 53 00-0063	EA	15" Wide x 35-1/4" High x 21-5/8" Deep, Door Cabinet With Shelf, Modular Steel Laboratory Base Cabinet	1,743.44	152.29
12 56 53 00-0064	EA	18" Wide x 35-1/4" High x 21-5/8" Deep, Door Cabinet With Shelf, Modular Steel Laboratory Base Cabinet	1,743.44	152.29
12 56 53 00-0065	EA	21" Wide x 35-1/4" High x 21-5/8" Deep, Door Cabinet With Shelf, Modular Steel Laboratory Base Cabinet	1,850.75	161.81
12 56 53 00-0066	EA	24" Wide x 35-1/4" High x 21-5/8" Deep, Door Cabinet With Shelf, Modular Steel Laboratory Base Cabinet	1,827.13	164.19
12 56 53 00-0067	EA	30" Wide x 35-1/4" High x 21-5/8" Deep, Door Cabinet With Shelf, Modular Steel Laboratory Base Cabinet	2,416.41	211.18
12 56 53 00-0068	EA	36" Wide x 35-1/4" High x 21-5/8" Deep, Door Cabinet With Shelf, Modular Steel Laboratory Base Cabinet	2,480.24	216.54
12 56 53 00-0069	EA	42" Wide x 35-1/4" High x 21-5/8" Deep, Door Cabinet With Shelf, Modular Steel Laboratory Base Cabinet	2,665.94	233.20
12 56 53 00-0070	EA	48" Wide x 35-1/4" High x 21-5/8" Deep, Door Cabinet With Shelf, Modular Steel Laboratory Base Cabinet	2,726.83	238.55
12 56 53 00-0071	EA	18" Wide x 35-1/4" High x 21-5/8" Deep, Tilt-Out Door With Removable Bin, Modular Steel Laboratory Base Cabinet	2,686.24	234.98
12 56 53 00-0072	EA	24" Wide x 35-1/4" High x 21-5/8" Deep, Tilt-Out Door With Removable Bin, Modular Steel Laboratory Base Cabinet	2,761.67	241.52
12 56 53 00-0073	EA	18" Wide x 35-1/4" High x 21-5/8" Deep, 3 Drawer, Modular Steel Laboratory Base Cabinet	2,947.09	257.58
12 56 53 00-0074	EA	21" Wide x 35-1/4" High x 21-5/8" Deep, 3 Drawer, Modular Steel Laboratory Base Cabinet	3,184.85	278.41
12 56 53 00-0075	EA	24" Wide x 35-1/4" High x 21-5/8" Deep, 3 Drawer, Modular Steel Laboratory Base Cabinet	3,163.62	278.41
12 56 53 00-0076	EA	15" Wide x 35-1/4" High x 21-5/8" Deep, 4 Drawer, Modular Steel Laboratory Base Cabinet	2,897.97	252.82
12 56 53 00-0077	EA	18" Wide x 35-1/4" High x 21-5/8" Deep, 4 Drawer, Modular Steel Laboratory Base Cabinet	1,566.13	254.01

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 56 53 00-0078	EA	21" Wide x 35-1/4" High x 21-5/8" Deep, 4 Drawer, Modular Steel Laboratory Base Cabinet	3,045.91	266.51
12 56 53 00-0079	EA	24" Wide x 35-1/4" High x 21-5/8" Deep, 4 Drawer, Modular Steel Laboratory Base Cabinet	2,995.65	266.51
12 56 53 00-0080	EA	30" Wide x 35-1/4" High x 21-5/8" Deep, 4 Drawer, Modular Steel Laboratory Base Cabinet	3,356.29	293.64
12 56 53 00-0081	EA	36" Wide x 35-1/4" High x 21-5/8" Deep, 4 Drawer, Modular Steel Laboratory Base Cabinet	3,489.77	305.29
12 56 53 00-0082	EA	42" Wide x 35-1/4" High x 21-5/8" Deep, 4 Drawer, Modular Steel Laboratory Base Cabinet	3,706.66	324.34
12 56 53 00-0083	EA	48" Wide x 35-1/4" High x 21-5/8" Deep, 4 Drawer, Modular Steel Laboratory Base Cabinet	3,794.37	331.95
12 56 53 00-0084	EA	15" Wide x 35-1/4" High x 21-5/8" Deep, 5 Drawer, Modular Steel Laboratory Base Cabinet	3,089.66	270.08
12 56 53 00-0085	EA	18" Wide x 35-1/4" High x 21-5/8" Deep, 5 Drawer, Modular Steel Laboratory Base Cabinet	3,301.13	288.52
12 56 53 00-0086	EA	21" Wide x 35-1/4" High x 21-5/8" Deep, 5 Drawer, Modular Steel Laboratory Base Cabinet	3,321.26	290.31
12 56 53 00-0087	EA	24" Wide x 35-1/4" High x 21-5/8" Deep, 5 Drawer, Modular Steel Laboratory Base Cabinet	3,449.09	301.61
12 56 53 00-0088	EA	30" Wide x 35-1/4" High x 21-5/8" Deep, 5 Drawer, Modular Steel Laboratory Base Cabinet	3,982.90	348.60
12 56 53 00-0089	EA	36" Wide x 35-1/4" High x 21-5/8" Deep, 5 Drawer, Modular Steel Laboratory Base Cabinet	4,119.21	360.50
12 56 53 00-0090	EA	42" Wide x 35-1/4" High x 21-5/8" Deep, 5 Drawer, Modular Steel Laboratory Base Cabinet	4,325.06	378.34
12 56 53 00-0091	EA	48" Wide x 35-1/4" High x 21-5/8" Deep, 5 Drawer, Modular Steel Laboratory Base Cabinet	4,328.23	378.34
12 56 53 00-0092	EA	24" Wide x 35-1/4" High x 21-5/8" Deep, 8 Drawer, Modular Steel Laboratory Base Cabinet	4,838.71	423.56
12 56 53 00-0093	EA	30" Wide x 35-1/4" High x 21-5/8" Deep, 8 Drawer, Modular Steel Laboratory Base Cabinet	4,879.02	426.54
12 56 53 00-0094	EA	36" Wide x 35-1/4" High x 21-5/8" Deep, 8 Drawer, Modular Steel Laboratory Base Cabinet	4,978.39	435.45
12 56 53 00-0095	EA	42" Wide x 35-1/4" High x 21-5/8" Deep, 8 Drawer, Modular Steel Laboratory Base Cabinet	5,250.17	459.85
12 56 53 00-0096	EA	48" Wide x 35-1/4" High x 21-5/8" Deep, 8 Drawer, Modular Steel Laboratory Base Cabinet	5,267.10	461.04
12 56 53 00-0097	EA	24" Wide x 35-1/4" High x 21-5/8" Deep, 10 Drawer, Modular Steel Laboratory Base Cabinet	5,343.51	467.46
12 56 53 00-0098	EA	30" Wide x 35-1/4" High x 21-5/8" Deep, 10 Drawer, Modular Steel Laboratory Base Cabinet	5,595.75	489.59
12 56 53 00-0099	EA	36" Wide x 35-1/4" High x 21-5/8" Deep, 10 Drawer, Modular Steel Laboratory Base Cabinet	5,703.02	498.99
12 56 53 00-0100	EA	42" Wide x 35-1/4" High x 21-5/8" Deep, 10 Drawer, Modular Steel Laboratory Base Cabinet	5,848.07	511.61
12 56 53 00-0101	EA	48" Wide x 35-1/4" High x 21-5/8" Deep, 10 Drawer, Modular Steel Laboratory Base Cabinet	6,007.91	525.64
12 56 53 00-0102	EA	15" Wide x 35-1/4" High x 21-5/8" Deep, 1 Drawer Over Cupboard, Modular Steel Laboratory Base Cabinet	2,251.17	196.90
12 56 53 00-0103	EA	18" Wide x 35-1/4" High x 21-5/8" Deep, 1 Drawer Over Cupboard, Modular Steel Laboratory Base Cabinet	2,291.57	200.48
12 56 53 00-0104	EA	21" Wide x 35-1/4" High x 21-5/8" Deep, 1 Drawer Over Cupboard, Modular Steel Laboratory Base Cabinet	2,300.37	201.07
12 56 53 00-0105	EA	24" Wide x 35-1/4" High x 21-5/8" Deep, 1 Drawer Over Cupboard, Modular Steel Laboratory Base Cabinet	2,352.36	205.83
12 56 53 00-0106	EA	30" Wide x 35-1/4" High x 21-5/8" Deep, 1 Drawer Over Cupboard, Modular Steel Laboratory Base Cabinet	3,095.44	270.79
12 56 53 00-0107	EA	36" Wide x 35-1/4" High x 21-5/8" Deep, 1 Drawer Over Cupboard, Modular Steel Laboratory Base Cabinet	3,188.29	278.88
12 56 53 00-0108	EA	42" Wide x 35-1/4" High x 21-5/8" Deep, 1 Drawer Over Cupboard, Modular Steel Laboratory Base Cabinet	3,414.19	298.75
12 56 53 00-0109	EA	48" Wide x 35-1/4" High x 21-5/8" Deep, 1 Drawer Over Cupboard, Modular Steel Laboratory Base Cabinet	3,463.38	302.80
12 56 53 00-0110	EA	32-7/8" Wide x 35-1/4" High x 21-5/8" Deep, Standard Corner, Modular Steel Laboratory Base Cabinet	3,211.65	280.78
12 56 53 00-0111	EA	32-7/8" Wide x 35-1/4" High x 21-5/8" Deep, Hexagon Corner, Modular Steel Laboratory Base Cabinet	2,979.74	260.56
12 56 53 00-0112	EA	15" Wide x 35-1/4" High x 21-5/8" Deep, Sink, Modular Steel Laboratory Base Cabinet	1,580.97	138.37
12 56 53 00-0113	EA	18" Wide x 35-1/4" High x 21-5/8" Deep, Sink, Modular Steel Laboratory Base Cabinet	1,601.28	140.03
12 56 53 00-0114	EA	21" Wide x 35-1/4" High x 21-5/8" Deep, Sink, Modular Steel Laboratory Base Cabinet	1,668.01	145.75
12 56 53 00-0115	EA	24" Wide x 35-1/4" High x 21-5/8" Deep, Sink, Modular Steel Laboratory Base Cabinet	1,673.80	146.35
12 56 53 00-0116	EA	30" Wide x 35-1/4" High x 21-5/8" Deep, Sink, Modular Steel Laboratory Base Cabinet	2,190.20	191.67
12 56 53 00-0117	EA	36" Wide x 35-1/4" High x 21-5/8" Deep, Sink, Modular Steel Laboratory Base Cabinet	2,239.51	195.96
12 56 53 00-0118	EA	42" Wide x 35-1/4" High x 21-5/8" Deep, Sink, Modular Steel Laboratory Base Cabinet	2,387.38	208.81
12 56 53 00-0119	EA	48" Wide x 35-1/4" High x 21-5/8" Deep, Sink, Modular Steel Laboratory Base Cabinet	2,396.09	209.63
12 56 53 00-0120	EA	52" Wide x 35-1/4" High x 21-5/8" Deep, Sink, Modular Steel Laboratory Base Cabinet	2,767.40	242.11
12 56 53 00-0121	EA	58" Wide x 35-1/4" High x 21-5/8" Deep, Sink, Modular Steel Laboratory Base Cabinet	3,045.91	266.51
12 56 53 00-0122	EA	60" Wide x 35-1/4" High x 21-5/8" Deep, Sink, Modular Steel Laboratory Base Cabinet	3,185.16	278.64
12 56 53 00-0123		**25-3/16" High x 16" Deep, Modular Steel Laboratory Wall Cabinets** *(12 56 53 00-0002)*		
12 56 53 00-0124	EA	15" Wide x 25-3/16" High x 16" Deep, Open, Modular Steel Laboratory Wall Cabinet	1,169.05	102.32
12 56 53 00-0125	EA	18" Wide x 25-3/16" High x 16" Deep, Open, Modular Steel Laboratory Wall Cabinet	1,206.75	105.53
12 56 53 00-0126	EA	21" Wide x 25-3/16" High x 16" Deep, Open, Modular Steel Laboratory Wall Cabinet	1,215.46	106.37
12 56 53 00-0127	EA	24" Wide x 25-3/16" High x 16" Deep, Open, Modular Steel Laboratory Wall Cabinet	1,247.38	109.10
12 56 53 00-0128	EA	30" Wide x 25-3/16" High x 16" Deep, Open, Modular Steel Laboratory Wall Cabinet	1,305.40	114.22
12 56 53 00-0129	EA	36" Wide x 25-3/16" High x 16" Deep, Open, Modular Steel Laboratory Wall Cabinet	1,334.41	116.71
12 56 53 00-0130	EA	42" Wide x 25-3/16" High x 16" Deep, Open, Modular Steel Laboratory Wall Cabinet	1,453.33	127.18
12 56 53 00-0131	EA	48" Wide x 25-3/16" High x 16" Deep, Open, Modular Steel Laboratory Wall Cabinet	1,470.75	128.61
12 56 53 00-0132	EA	15" Wide x 25-3/16" High x 16" Deep, Solid Swinging Door, Modular Steel Laboratory Wall Cabinet	1,728.92	151.22
12 56 53 00-0133	EA	18" Wide x 25-3/16" High x 16" Deep, Solid Swinging Door, Modular Steel Laboratory Wall Cabinet	1,772.42	155.03
12 56 53 00-0134	EA	21" Wide x 25-3/16" High x 16" Deep, Solid Swinging Door, Modular Steel Laboratory Wall Cabinet	1,813.05	158.59
12 56 53 00-0135	EA	24" Wide x 25-3/16" High x 16" Deep, Solid Swinging Door, Modular Steel Laboratory Wall Cabinet	1,850.75	161.93
12 56 53 00-0136	EA	30" Wide x 25-3/16" High x 16" Deep, Solid Swinging Door, Modular Steel Laboratory Wall Cabinet	2,251.12	196.90
12 56 53 00-0137	EA	36" Wide x 25-3/16" High x 16" Deep, Solid Swinging Door, Modular Steel Laboratory Wall Cabinet	2,280.12	199.53
12 56 53 00-0138	EA	42" Wide x 25-3/16" High x 16" Deep, Solid Swinging Door, Modular Steel Laboratory Wall Cabinet	2,486.03	217.49
12 56 53 00-0139	EA	48" Wide x 25-3/16" High x 16" Deep, Solid Swinging Door, Modular Steel Laboratory Wall Cabinet	2,494.75	218.32
12 56 53 00-0140	EA	15" Wide x 25-3/16" High x 16" Deep, Glass Swinging Door, Modular Steel Laboratory Wall Cabinet	2,021.90	176.92
12 56 53 00-0141	EA	18" Wide x 25-3/16" High x 16" Deep, Glass Swinging Door, Modular Steel Laboratory Wall Cabinet	2,088.62	182.75
12 56 53 00-0142	EA	21" Wide x 25-3/16" High x 16" Deep, Glass Swinging Door, Modular Steel Laboratory Wall Cabinet	2,123.41	185.72
12 56 53 00-0143	EA	24" Wide x 25-3/16" High x 16" Deep, Glass Swinging Door, Modular Steel Laboratory Wall Cabinet	2,161.13	189.05
12 56 53 00-0144	EA	30" Wide x 25-3/16" High x 16" Deep, Glass Swinging Door, Modular Steel Laboratory Wall Cabinet	3,028.51	264.96
12 56 53 00-0145	EA	36" Wide x 25-3/16" High x 16" Deep, Glass Swinging Door, Modular Steel Laboratory Wall Cabinet	3,089.47	270.32
12 56 53 00-0146	EA	42" Wide x 25-3/16" High x 16" Deep, Glass Swinging Door, Modular Steel Laboratory Wall Cabinet	3,269.25	286.02
12 56 53 00-0147	EA	48" Wide x 25-3/16" High x 16" Deep, Glass Swinging Door, Modular Steel Laboratory Wall Cabinet	3,327.30	291.14
12 56 53 00-0148	EA	25-23/32" Wide x 25-3/16" High x 16" Deep, Corner 18" Solid Swinging Door, Modular Steel Laboratory Wall Cabinet	2,767.40	242.11
12 56 53 00-0149	EA	28-23/32" Wide x 25-3/16" High x 16" Deep, Corner 18" Glass Swinging Door, Modular Steel Laboratory Wall Cabinet	3,063.35	268.05
12 56 53 00-0150		**31" High x 16" Deep, Modular Steel Laboratory Wall Cabinets** *(12 56 53 00-0002)*		
12 56 53 00-0151	EA	15" Wide x 31" High x 16" Deep, Open, Modular Steel Laboratory Wall Cabinet	1,276.39	111.84
12 56 53 00-0152	EA	18" Wide x 31" High x 16" Deep, Open, Modular Steel Laboratory Wall Cabinet	1,314.10	114.81

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 56 53 00-0153	EA	21" Wide x 31" High x 16" Deep, Open, Modular Steel Laboratory Wall Cabinet	1,319.90	115.41
12 56 53 00-0154	EA	24" Wide x 31" High x 16" Deep, Open, Modular Steel Laboratory Wall Cabinet	1,334.41	116.59
12 56 53 00-0155	EA	30" Wide x 31" High x 16" Deep, Open, Modular Steel Laboratory Wall Cabinet	1,418.54	124.33
12 56 53 00-0156	EA	36" Wide x 31" High x 16" Deep, Open, Modular Steel Laboratory Wall Cabinet	1,459.15	127.30
12 56 53 00-0157	EA	42" Wide x 31" High x 16" Deep, Open, Modular Steel Laboratory Wall Cabinet	1,731.82	151.70
12 56 53 00-0158	EA	48" Wide x 31" High x 16" Deep, Open, Modular Steel Laboratory Wall Cabinet	1,769.55	154.67
12 56 53 00-0159	EA	15" Wide x 31" High x 16" Deep, Solid Swinging Door, Modular Steel Laboratory Wall Cabinet	1,801.46	157.65
12 56 53 00-0160	EA	18" Wide x 31" High x 16" Deep, Solid Swinging Door, Modular Steel Laboratory Wall Cabinet	1,847.84	161.81
12 56 53 00-0161	EA	21" Wide x 31" High x 16" Deep, Solid Swinging Door, Modular Steel Laboratory Wall Cabinet	1,879.79	164.78
12 56 53 00-0162	EA	24" Wide x 31" High x 16" Deep, Solid Swinging Door, Modular Steel Laboratory Wall Cabinet	1,969.71	171.92
12 56 53 00-0163	EA	30" Wide x 31" High x 16" Deep, Solid Swinging Door, Modular Steel Laboratory Wall Cabinet	2,433.86	212.97
12 56 53 00-0164	EA	36" Wide x 31" High x 16" Deep, Solid Swinging Door, Modular Steel Laboratory Wall Cabinet	2,468.64	215.95
12 56 53 00-0165	EA	42" Wide x 31" High x 16" Deep, Solid Swinging Door, Modular Steel Laboratory Wall Cabinet	2,744.19	240.33
12 56 53 00-0166	EA	48" Wide x 31" High x 16" Deep, Solid Swinging Door, Modular Steel Laboratory Wall Cabinet	2,799.30	245.09
12 56 53 00-0167	EA	15" Wide x 31" High x 16" Deep, Glass Swinging Door, Modular Steel Laboratory Wall Cabinet	2,143.73	187.39
12 56 53 00-0168	EA	18" Wide x 31" High x 16" Deep, Glass Swinging Door, Modular Steel Laboratory Wall Cabinet	2,207.59	192.75
12 56 53 00-0169	EA	21" Wide x 31" High x 16" Deep, Glass Swinging Door, Modular Steel Laboratory Wall Cabinet	2,239.45	195.71
12 56 53 00-0170	EA	24" Wide x 31" High x 16" Deep, Glass Swinging Door, Modular Steel Laboratory Wall Cabinet	2,297.50	201.07
12 56 53 00-0171	EA	30" Wide x 31" High x 16" Deep, Glass Swinging Door, Modular Steel Laboratory Wall Cabinet	3,127.15	273.05
12 56 53 00-0172	EA	36" Wide x 31" High x 16" Deep, Glass Swinging Door, Modular Steel Laboratory Wall Cabinet	3,217.08	281.38
12 56 53 00-0173	EA	42" Wide x 31" High x 16" Deep, Glass Swinging Door, Modular Steel Laboratory Wall Cabinet	3,747.88	327.78
12 56 53 00-0174	EA	48" Wide x 31" High x 16" Deep, Glass Swinging Door, Modular Steel Laboratory Wall Cabinet	3,564.24	290.90
12 56 53 00-0175	EA	25-23/32" Wide x 31" High x 16" Deep, Corner 18" Solid Swinging Door, Modular Steel Laboratory Wall Cabinet	3,063.25	268.29
12 56 53 00-0176	EA	25-23/32" Wide x 31" High x 16" Deep, Corner 18" Glass Swinging Door, Modular Steel Laboratory Wall Cabinet	3,646.38	319.45

12 56 53 00-0177 Wood Laboratory Furniture *(12 56 53)*

Note: Laboratory Grade with chemical resistant finish, premium quality mill-made modular units, prefinished with solid 3/4" hardwood face frames, solid 3/4" hardwood door frames and drawer fronts, hardwood veneer on raised door panels (front and back), glued mortise, dowel, and dado joint construction, full backs, mitered corners and solid wood drawer bodies with steel guides and ball bearings. Includes self-closing hinges, door and drawer pulls, mounting hardware and adjustable shelves.

12 56 53 00-0178 Wood Laboratory Cabinets *(12 56 53 00-0177)*

12 56 53 00-0179 28-1/2" High x 21-1/2" Deep, Wood Laboratory Base Cabinets *(12 56 53 00-0178)*

12 56 53 00-0180	EA	15" Wide x 28-1/2" High x 21-1/2" Deep, Open, Wood Laboratory Base Cabinet	962.11	93.99
12 56 53 00-0181	EA	18" Wide x 28-1/2" High x 21-1/2" Deep, Open, Wood Laboratory Base Cabinet	993.31	96.97
12 56 53 00-0182	EA	21" Wide x 28-1/2" High x 21-1/2" Deep, Open, Wood Laboratory Base Cabinet	1,024.51	99.95
12 56 53 00-0183	EA	24" Wide x 28-1/2" High x 21-1/2" Deep, Open, Wood Laboratory Base Cabinet	1,055.70	103.51
12 56 53 00-0184	EA	30" Wide x 28-1/2" High x 21-1/2" Deep, Open, Wood Laboratory Base Cabinet	1,172.77	114.81
12 56 53 00-0185	EA	36" Wide x 28-1/2" High x 21-1/2" Deep, Open, Wood Laboratory Base Cabinet	1,250.77	121.95
12 56 53 00-0186	EA	42" Wide x 28-1/2" High x 21-1/2" Deep, Open, Wood Laboratory Base Cabinet	1,307.98	127.30
12 56 53 00-0187	EA	48" Wide x 28-1/2" High x 21-1/2" Deep, Open, Wood Laboratory Base Cabinet	1,378.19	134.45
12 56 53 00-0188	EA	15" Wide x 28-1/2" High x 21-1/2" Deep, Door Cabinet With Shelf, Wood Laboratory Base Cabinet	1,170.16	114.22
12 56 53 00-0189	EA	18" Wide x 28-1/2" High x 21-1/2" Deep, Door Cabinet With Shelf, Wood Laboratory Base Cabinet	1,211.77	118.38
12 56 53 00-0190	EA	21" Wide x 28-1/2" High x 21-1/2" Deep, Door Cabinet With Shelf, Wood Laboratory Base Cabinet	1,237.76	120.76
12 56 53 00-0191	EA	24" Wide x 28-1/2" High x 21-1/2" Deep, Door Cabinet With Shelf, Wood Laboratory Base Cabinet	1,271.54	124.33
12 56 53 00-0192	EA	30" Wide x 28-1/2" High x 21-1/2" Deep, Door Cabinet With Shelf, Wood Laboratory Base Cabinet	1,635.66	159.43
12 56 53 00-0193	EA	36" Wide x 28-1/2" High x 21-1/2" Deep, Door Cabinet With Shelf, Wood Laboratory Base Cabinet	1,736.77	169.55
12 56 53 00-0194	EA	42" Wide x 28-1/2" High x 21-1/2" Deep, Door Cabinet With Shelf, Wood Laboratory Base Cabinet	1,794.22	174.90
12 56 53 00-0195	EA	48" Wide x 28-1/2" High x 21-1/2" Deep, Door Cabinet With Shelf, Wood Laboratory Base Cabinet	1,864.66	182.04
12 56 53 00-0196	EA	15" Wide x 28-1/2" High x 21-1/2" Deep, 3 Drawer, Wood Laboratory Base Cabinet	1,718.65	167.75
12 56 53 00-0197	EA	18" Wide x 28-1/2" High x 21-1/2" Deep, 3 Drawer, Wood Laboratory Base Cabinet	1,778.84	173.70
12 56 53 00-0198	EA	21" Wide x 28-1/2" High x 21-1/2" Deep, 3 Drawer, Wood Laboratory Base Cabinet	1,825.46	178.46
12 56 53 00-0199	EA	24" Wide x 28-1/2" High x 21-1/2" Deep, 3 Drawer, Wood Laboratory Base Cabinet	1,887.92	183.82
12 56 53 00-0200	EA	15" Wide x 28-1/2" High x 21-1/2" Deep, 4 Drawer, Wood Laboratory Base Cabinet	1,747.44	170.14
12 56 53 00-0201	EA	18" Wide x 28-1/2" High x 21-1/2" Deep, 4 Drawer, Wood Laboratory Base Cabinet	1,817.65	177.87
12 56 53 00-0202	EA	21" Wide x 28-1/2" High x 21-1/2" Deep, 4 Drawer, Wood Laboratory Base Cabinet	1,869.65	182.63
12 56 53 00-0203	EA	24" Wide x 28-1/2" High x 21-1/2" Deep, 4 Drawer, Wood Laboratory Base Cabinet	1,929.48	188.58
12 56 53 00-0204	EA	30" Wide x 28-1/2" High x 21-1/2" Deep, 6 Drawer, Wood Laboratory Base Cabinet	2,733.02	266.51
12 56 53 00-0205	EA	36" Wide x 28-1/2" High x 21-1/2" Deep, 6 Drawer, Wood Laboratory Base Cabinet	2,896.71	282.57
12 56 53 00-0206	EA	42" Wide x 28-1/2" High x 21-1/2" Deep, 6 Drawer, Wood Laboratory Base Cabinet	2,956.47	288.52
12 56 53 00-0207	EA	48" Wide x 28-1/2" High x 21-1/2" Deep, 6 Drawer, Wood Laboratory Base Cabinet	3,073.57	299.83
12 56 53 00-0208	EA	30" Wide x 28-1/2" High x 21-1/2" Deep, 8 Drawer, Wood Laboratory Base Cabinet	3,130.82	305.17
12 56 53 00-0209	EA	36" Wide x 28-1/2" High x 21-1/2" Deep, 8 Drawer, Wood Laboratory Base Cabinet	3,276.40	320.05
12 56 53 00-0210	EA	42" Wide x 28-1/2" High x 21-1/2" Deep, 8 Drawer, Wood Laboratory Base Cabinet	3,372.51	329.57
12 56 53 00-0211	EA	48" Wide x 28-1/2" High x 21-1/2" Deep, 8 Drawer, Wood Laboratory Base Cabinet	3,489.59	340.87
12 56 53 00-0212	EA	15" Wide x 28-1/2" High x 21-1/2" Deep, 1 Drawer Over Cupboard, Wood Laboratory Base Cabinet	1,294.94	126.71
12 56 53 00-0213	EA	18" Wide x 28-1/2" High x 21-1/2" Deep, 1 Drawer Over Cupboard, Wood Laboratory Base Cabinet	1,341.76	131.47
12 56 53 00-0214	EA	21" Wide x 28-1/2" High x 21-1/2" Deep, 1 Drawer Over Cupboard, Wood Laboratory Base Cabinet	1,370.37	133.84
12 56 53 00-0215	EA	24" Wide x 28-1/2" High x 21-1/2" Deep, 1 Drawer Over Cupboard, Wood Laboratory Base Cabinet	1,409.39	137.42
12 56 53 00-0216	EA	30" Wide x 28-1/2" High x 21-1/2" Deep, Double Drawer Over Cupboard, Wood Laboratory Base	2,090.65	204.05
12 56 53 00-0217	EA	36" Wide x 28-1/2" High x 21-1/2" Deep, Double Drawer Over Cupboard, Wood Laboratory Base	2,186.88	213.45
12 56 53 00-0218	EA	42" Wide x 28-1/2" High x 21-1/2" Deep, Double Drawer Over Cupboard, Wood Laboratory Base	2,249.27	219.51
12 56 53 00-0219	EA	48" Wide x 28-1/2" High x 21-1/2" Deep, Double Drawer Over Cupboard, Wood Laboratory Base	2,329.92	227.37
12 56 53 00-0220	EA	35" Wide x 28-1/2" High x 21-1/2" Deep, Diagonal Corner, Wood Laboratory Base Cabinet	2,730.35	266.51
12 56 53 00-0221	EA	35" Wide x 28-1/2" High x 21-1/2" Deep, Diagonal Corner With Lazy Susan, Wood Laboratory Base Cabinet	3,026.72	295.66
12 56 53 00-0222	EA	15" Wide x 28-1/2" High x 21-1/2" Deep, Sink, Wood Laboratory Base Cabinet	1,066.13	104.10
12 56 53 00-0223	EA	18" Wide x 28-1/2" High x 21-1/2" Deep, Sink, Wood Laboratory Base Cabinet	1,099.94	107.31
12 56 53 00-0224	EA	21" Wide x 28-1/2" High x 21-1/2" Deep, Sink, Wood Laboratory Base Cabinet	1,120.73	109.34
12 56 53 00-0225	EA	24" Wide x 28-1/2" High x 21-1/2" Deep, Sink, Wood Laboratory Base Cabinet	1,146.74	111.95

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 56 53 00-0226	EA	30" Wide x 28-1/2" High x 21-1/2" Deep, Sink, Wood Laboratory Base Cabinet	1,469.18	143.37
12 56 53 00-0227	EA	36" Wide x 28-1/2" High x 21-1/2" Deep, Sink, Wood Laboratory Base Cabinet	1,544.58	150.74
12 56 53 00-0228	EA	42" Wide x 28-1/2" High x 21-1/2" Deep, Sink, Wood Laboratory Base Cabinet	1,588.80	155.03
12 56 53 00-0229	EA	48" Wide x 28-1/2" High x 21-1/2" Deep, Sink, Wood Laboratory Base Cabinet	1,635.59	159.67
12 56 53 00-0230		**30-5/8" High x 13" Deep, Wood Laboratory Wall Cabinets** *(12 56 53 00-0178)*		
12 56 53 00-0231	EA	15" Wide x 30-5/8" High x 13" Deep, Open, Wood Laboratory Wall Cabinet	1,144.15	111.84
		For 36" Height Cabinet, Add	*170.35*	
12 56 53 00-0232	EA	18" Wide x 30-5/8" High x 13" Deep, Open, Wood Laboratory Wall Cabinet	1,188.35	115.41
		For 36" Height Cabinet, Add	*176.93*	
12 56 53 00-0233	EA	21" Wide x 30-5/8" High x 13" Deep, Open, Wood Laboratory Wall Cabinet	1,219.55	118.98
		For 36" Height Cabinet, Add	*181.58*	
12 56 53 00-0234	EA	24" Wide x 30-5/8" High x 13" Deep, Open, Wood Laboratory Wall Cabinet	1,112.93	108.27
		For 36" Height Cabinet, Add	*165.70*	
12 56 53 00-0235	EA	30" Wide x 30-5/8" High x 13" Deep, Open, Wood Laboratory Wall Cabinet	1,279.38	124.93
		For 36" Height Cabinet, Add	*190.48*	
12 56 53 00-0236	EA	36" Wide x 30-5/8" High x 13" Deep, Open, Wood Laboratory Wall Cabinet	1,385.99	135.04
		For 36" Height Cabinet, Add	*206.36*	
12 56 53 00-0237	EA	42" Wide x 30-5/8" High x 13" Deep, Open, Wood Laboratory Wall Cabinet	1,448.39	141.58
		For 36" Height Cabinet, Add	*215.65*	
12 56 53 00-0238	EA	48" Wide x 30-5/8" High x 13" Deep, Open, Wood Laboratory Wall Cabinet	1,534.21	149.31
		For 36" Height Cabinet, Add	*228.43*	
12 56 53 00-0239	EA	15" Wide x 30-5/8" High x 13" Deep, Solid Swinging Door, Wood Laboratory Wall Cabinet	1,255.97	122.54
		For 36" Height Cabinet, Add	*187.00*	
12 56 53 00-0240	EA	18" Wide x 30-5/8" High x 13" Deep, Solid Swinging Door, Wood Laboratory Wall Cabinet	1,313.17	128.50
		For 36" Height Cabinet, Add	*195.52*	
12 56 53 00-0241	EA	21" Wide x 30-5/8" High x 13" Deep, Solid Swinging Door, Wood Laboratory Wall Cabinet	2,795.22	1,344.44
		For 36" Height Cabinet, Add	*20.48*	
12 56 53 00-0242	EA	24" Wide x 30-5/8" High x 13" Deep, Solid Swinging Door, Wood Laboratory Wall Cabinet	1,411.98	137.42
		For 36" Height Cabinet, Add	*210.23*	
12 56 53 00-0243	EA	30" Wide x 30-5/8" High x 13" Deep, Solid Swinging Door, Wood Laboratory Wall Cabinet	1,846.27	180.25
		For 36" Height Cabinet, Add	*274.88*	
12 56 53 00-0244	EA	36" Wide x 30-5/8" High x 13" Deep, Solid Swinging Door, Wood Laboratory Wall Cabinet	1,989.27	193.93
		For 36" Height Cabinet, Add	*296.18*	
12 56 53 00-0245	EA	42" Wide x 30-5/8" High x 13" Deep, Solid Swinging Door, Wood Laboratory Wall Cabinet	2,080.27	203.45
		For 36" Height Cabinet, Add	*309.73*	
12 56 53 00-0246	EA	48" Wide x 30-5/8" High x 13" Deep, Solid Swinging Door, Wood Laboratory Wall Cabinet	2,189.46	213.56
		For 36" Height Cabinet, Add	*325.99*	
12 56 53 00-0247	EA	15" Wide x 30-5/8" High x 13" Deep, Glass Swinging Door, Wood Laboratory Wall Cabinet	1,406.77	137.42
		For 36" Height Cabinet, Add	*209.45*	
12 56 53 00-0248	EA	18" Wide x 30-5/8" High x 13" Deep, Glass Swinging Door, Wood Laboratory Wall Cabinet	1,461.39	142.77
		For 36" Height Cabinet, Add	*217.58*	
12 56 53 00-0249	EA	21" Wide x 30-5/8" High x 13" Deep, Glass Swinging Door, Wood Laboratory Wall Cabinet	1,502.99	146.35
		For 36" Height Cabinet, Add	*223.78*	
12 56 53 00-0250	EA	24" Wide x 30-5/8" High x 13" Deep, Glass Swinging Door, Wood Laboratory Wall Cabinet	1,560.20	152.29
		For 36" Height Cabinet, Add	*232.30*	
12 56 53 00-0251	EA	30" Wide x 30-5/8" High x 13" Deep, Glass Swinging Door, Wood Laboratory Wall Cabinet	2,150.47	210.00
		For 36" Height Cabinet, Add	*320.18*	
12 56 53 00-0252	EA	36" Wide x 30-5/8" High x 13" Deep, Glass Swinging Door, Wood Laboratory Wall Cabinet	2,288.31	223.08
		For 36" Height Cabinet, Add	*340.70*	
12 56 53 00-0253	EA	42" Wide x 30-5/8" High x 13" Deep, Glass Swinging Door, Wood Laboratory Wall Cabinet	2,350.66	229.62
		For 36" Height Cabinet, Add	*349.99*	
12 56 53 00-0254	EA	48" Wide x 30-5/8" High x 13" Deep, Glass Swinging Door, Wood Laboratory Wall Cabinet	2,493.70	243.31
		For 36" Height Cabinet, Add	*371.29*	
12 56 53 00-0255	EA	30" Wide x 30-5/8" High x 13" Deep, Solid Sliding Door, Wood Laboratory Wall Cabinet	1,924.30	187.39
		For 36" Height Cabinet, Add	*286.50*	
12 56 53 00-0256	EA	36" Wide x 30-5/8" High x 13" Deep, Solid Sliding Door, Wood Laboratory Wall Cabinet	2,077.41	202.86
		For 36" Height Cabinet, Add	*309.34*	
12 56 53 00-0257	EA	42" Wide x 30-5/8" High x 13" Deep, Solid Sliding Door, Wood Laboratory Wall Cabinet	2,217.96	216.54
		For 36" Height Cabinet, Add	*330.25*	
12 56 53 00-0258	EA	48" Wide x 30-5/8" High x 13" Deep, Solid Sliding Door, Wood Laboratory Wall Cabinet	2,373.99	232.01
		For 36" Height Cabinet, Add	*353.48*	
12 56 53 00-0259	EA	30" Wide x 30-5/8" High x 13" Deep, Glass Sliding Door, Wood Laboratory Wall Cabinet	2,324.97	226.65
		For 36" Height Cabinet, Add	*346.12*	
12 56 53 00-0260	EA	36" Wide x 30-5/8" High x 13" Deep, Glass Sliding Door, Wood Laboratory Wall Cabinet	2,470.52	240.93
		For 36" Height Cabinet, Add	*367.80*	
12 56 53 00-0261	EA	42" Wide x 30-5/8" High x 13" Deep, Glass Sliding Door, Wood Laboratory Wall Cabinet	2,548.30	248.67
		For 36" Height Cabinet, Add	*379.42*	
12 56 53 00-0262	EA	48" Wide x 30-5/8" High x 13" Deep, Glass Sliding Door, Wood Laboratory Wall Cabinet	2,688.68	262.35
		For 36" Height Cabinet, Add	*400.32*	
12 56 53 00-0263	EA	23-1/2" Wide x 30-5/8" High x 13" Deep, Corner With Solid Swinging Door, Wood Laboratory Wall Cabinet	2,834.60	276.62
		For 36" Height Cabinet, Add	*422.01*	
12 56 53 00-0264	EA	23-1/2" Wide x 30-5/8" High x 13" Deep, Corner With Glass Swinging Door, Wood Laboratory Wall Cabinet	2,951.27	288.52
		For 36" Height Cabinet, Add	*439.43*	
12 56 53 00-0265		**30-5/8" High x 16" Deep, Wood Laboratory Wall Cabinets** *(12 56 53 00-0178)*		
12 56 53 00-0266	EA	30" Wide x 30-5/8" High x 16" Deep, Open, Wood Laboratory Wall Cabinet	1,414.58	138.01
		For 36" Height Cabinet, Add	*210.62*	
12 56 53 00-0267	EA	36" Wide x 30-5/8" High x 16" Deep, Open, Wood Laboratory Wall Cabinet	1,549.81	151.10
		For 36" Height Cabinet, Add	*230.75*	
12 56 53 00-0268	EA	42" Wide x 30-5/8" High x 16" Deep, Open, Wood Laboratory Wall Cabinet	1,625.22	158.84
		For 36" Height Cabinet, Add	*241.98*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 56 53 00-0269	EA	48" Wide x 30-5/8" High x 16" Deep, Open, Wood Laboratory Wall Cabinet	1,726.64	167.75
		For 36" Height Cabinet, Add	*257.07*	
12 56 53 00-0270	EA	15" Wide x 30-5/8" High x 16" Deep, Solid Swinging Door, Wood Laboratory Wall Cabinet	1,315.78	128.50
		For 36" Height Cabinet, Add	*195.90*	
12 56 53 00-0271	EA	18" Wide x 30-5/8" High x 16" Deep, Solid Swinging Door, Wood Laboratory Wall Cabinet	1,385.99	135.64
		For 36" Height Cabinet, Add	*206.36*	
12 56 53 00-0272	EA	21" Wide x 30-5/8" High x 16" Deep, Solid Swinging Door, Wood Laboratory Wall Cabinet	1,427.54	139.79
		For 36" Height Cabinet, Add	*212.55*	
12 56 53 00-0273	EA	24" Wide x 30-5/8" High x 16" Deep, Solid Swinging Door, Wood Laboratory Wall Cabinet	1,487.39	144.55
		For 36" Height Cabinet, Add	*221.46*	
12 56 53 00-0274	EA	30" Wide x 30-5/8" High x 16" Deep, Solid Swinging Door, Wood Laboratory Wall Cabinet	1,952.90	190.36
		For 36" Height Cabinet, Add	*290.76*	
12 56 53 00-0275	EA	36" Wide x 30-5/8" High x 16" Deep, Solid Swinging Door, Wood Laboratory Wall Cabinet	2,119.29	206.42
		For 36" Height Cabinet, Add	*315.54*	
12 56 53 00-0276	EA	42" Wide x 30-5/8" High x 16" Deep, Solid Swinging Door, Wood Laboratory Wall Cabinet	2,212.89	216.54
		For 36" Height Cabinet, Add	*329.47*	
12 56 53 00-0277	EA	48" Wide x 30-5/8" High x 16" Deep, Solid Swinging Door, Wood Laboratory Wall Cabinet	2,337.66	227.84
		For 36" Height Cabinet, Add	*348.06*	
12 56 53 00-0278	EA	15" Wide x 30-5/8" High x 16" Deep, Glass Swinging Door, Wood Laboratory Wall Cabinet	1,471.78	143.96
		For 36" Height Cabinet, Add	*219.13*	
12 56 53 00-0279	EA	18" Wide x 30-5/8" High x 16" Deep, Glass Swinging Door, Wood Laboratory Wall Cabinet	1,516.01	148.13
		For 36" Height Cabinet, Add	*225.71*	
12 56 53 00-0280	EA	21" Wide x 30-5/8" High x 16" Deep, Glass Swinging Door, Wood Laboratory Wall Cabinet	1,565.38	152.29
		For 36" Height Cabinet, Add	*233.07*	
12 56 53 00-0281	EA	24" Wide x 30-5/8" High x 16" Deep, Glass Swinging Door, Wood Laboratory Wall Cabinet	1,646.01	160.62
		For 36" Height Cabinet, Add	*245.07*	
12 56 53 00-0282	EA	30" Wide x 30-5/8" High x 16" Deep, Glass Swinging Door, Wood Laboratory Wall Cabinet	2,244.11	218.91
		For 36" Height Cabinet, Add	*334.12*	
12 56 53 00-0283	EA	36" Wide x 30-5/8" High x 16" Deep, Glass Swinging Door, Wood Laboratory Wall Cabinet	2,420.94	236.17
		For 36" Height Cabinet, Add	*360.45*	
12 56 53 00-0284	EA	42" Wide x 30-5/8" High x 16" Deep, Glass Swinging Door, Wood Laboratory Wall Cabinet	2,496.26	243.91
		For 36" Height Cabinet, Add	*371.67*	
12 56 53 00-0285	EA	48" Wide x 30-5/8" High x 16" Deep, Glass Swinging Door, Wood Laboratory Wall Cabinet	2,657.53	259.37
		For 36" Height Cabinet, Add	*395.68*	
12 56 53 00-0286	EA	30" Wide x 30-5/8" High x 16" Deep, Solid Sliding Door, Wood Laboratory Wall Cabinet	2,015.33	196.31
		For 36" Height Cabinet, Add	*300.05*	
12 56 53 00-0287	EA	36" Wide x 30-5/8" High x 16" Deep, Solid Sliding Door, Wood Laboratory Wall Cabinet	2,228.23	217.73
		For 36" Height Cabinet, Add	*331.80*	
12 56 53 00-0288	EA	42" Wide x 30-5/8" High x 16" Deep, Solid Sliding Door, Wood Laboratory Wall Cabinet	2,340.17	228.44
		For 36" Height Cabinet, Add	*348.44*	
12 56 53 00-0289	EA	48" Wide x 30-5/8" High x 16" Deep, Solid Sliding Door, Wood Laboratory Wall Cabinet	2,501.66	244.50
		For 36" Height Cabinet, Add	*372.45*	
12 56 53 00-0290	EA	30" Wide x 30-5/8" High x 16" Deep, Glass Sliding Door, Wood Laboratory Wall Cabinet	2,429.04	236.76
		For 36" Height Cabinet, Add	*361.61*	
12 56 53 00-0291	EA	36" Wide x 30-5/8" High x 16" Deep, Glass Sliding Door, Wood Laboratory Wall Cabinet	2,582.34	251.64
		For 36" Height Cabinet, Add	*384.45*	
12 56 53 00-0292	EA	42" Wide x 30-5/8" High x 16" Deep, Glass Sliding Door, Wood Laboratory Wall Cabinet	2,686.14	262.35
		For 36" Height Cabinet, Add	*399.94*	
12 56 53 00-0293	EA	48" Wide x 30-5/8" High x 16" Deep, Glass Sliding Door, Wood Laboratory Wall Cabinet	2,831.68	276.02
		For 36" Height Cabinet, Add	*421.62*	
12 56 53 00-0294	EA	26-1/2" Wide x 30-5/8" High x 16" Deep, Corner With Solid Swinging Door, Wood Laboratory Wall Cabinet	2,967.20	289.71
		For 36" Height Cabinet, Add	*441.75*	
12 56 53 00-0295	EA	26-1/2" Wide x 30-5/8" High x 16" Deep, Corner With Glass Swinging Door, Wood Laboratory Wall Cabinet	3,063.02	299.22
		For 36" Height Cabinet, Add	*456.07*	

12 56 53 00-0296 Plastic Laminate Laboratory Furniture *(12 56 53)*

12 56 53 00-0297 Plastic Laminate Laboratory Cabinets *(12 56 53 00-0296)*

12 56 53 00-0298 28-1/2" High x 22.3" Deep, Plastic Laminate Laboratory Base Cabinet *(12 56 53 00-0297)*

12 56 53 00-0299	EA	15" Wide x 28-1/2" High x 22.3" Deep, Open, Plastic Laminate Laboratory Base Cabinet	896.21	93.88
12 56 53 00-0300	EA	18" Wide x 28-1/2" High x 22.3" Deep, Open, Plastic Laminate Laboratory Base Cabinet	925.27	96.97
12 56 53 00-0301	EA	21" Wide x 28-1/2" High x 22.3" Deep, Open, Plastic Laminate Laboratory Base Cabinet	954.33	99.95
12 56 53 00-0302	EA	24" Wide x 28-1/2" High x 22.3" Deep, Open, Plastic Laminate Laboratory Base Cabinet	983.38	103.04
12 56 53 00-0303	EA	30" Wide x 28-1/2" High x 22.3" Deep, Open, Plastic Laminate Laboratory Base Cabinet	1,092.43	114.46
12 56 53 00-0304	EA	36" Wide x 28-1/2" High x 22.3" Deep, Open, Plastic Laminate Laboratory Base Cabinet	1,165.09	122.07
12 56 53 00-0305	EA	42" Wide x 28-1/2" High x 22.3" Deep, Open, Plastic Laminate Laboratory Base Cabinet	1,218.38	127.66
12 56 53 00-0306	EA	48" Wide x 28-1/2" High x 22.3" Deep, Open, Plastic Laminate Laboratory Base Cabinet	1,283.79	134.56
12 56 53 00-0307	EA	15" Wide x 28-1/2" High x 22.3" Deep, Door Cabinet With Shelf, Plastic Laminate Laboratory Base Cabinet	1,090.01	114.22
12 56 53 00-0308	EA	18" Wide x 28-1/2" High x 22.3" Deep, Door Cabinet With Shelf, Plastic Laminate Laboratory Base Cabinet	1,128.76	118.26
12 56 53 00-0309	EA	21" Wide x 28-1/2" High x 22.3" Deep, Door Cabinet With Shelf, Plastic Laminate Laboratory Base Cabinet	1,152.98	120.76
12 56 53 00-0310	EA	24" Wide x 28-1/2" High x 22.3" Deep, Door Cabinet With Shelf, Plastic Laminate Laboratory Base Cabinet	1,184.44	124.09
12 56 53 00-0311	EA	30" Wide x 28-1/2" High x 22.3" Deep, Door Cabinet With Shelf, Plastic Laminate Laboratory Base Cabinet	1,523.62	159.67
12 56 53 00-0312	EA	36" Wide x 28-1/2" High x 22.3" Deep, Door Cabinet With Shelf, Plastic Laminate Laboratory Base Cabinet	1,617.79	169.42
12 56 53 00-0313	EA	42" Wide x 28-1/2" High x 22.3" Deep, Door Cabinet With Shelf, Plastic Laminate Laboratory Base Cabinet	1,671.32	175.13
12 56 53 00-0314	EA	48" Wide x 28-1/2" High x 22.3" Deep, Door Cabinet With Shelf, Plastic Laminate Laboratory Base Cabinet	1,736.94	182.04
12 56 53 00-0315	EA	15" Wide x 28-1/2" High x 22.3" Deep, 3 Drawer, Plastic Laminate Laboratory Base Cabinet	1,600.91	167.64
12 56 53 00-0316	EA	18" Wide x 28-1/2" High x 22.3" Deep, 3 Drawer, Plastic Laminate Laboratory Base Cabinet	1,657.00	173.70
12 56 53 00-0317	EA	21" Wide x 28-1/2" High x 22.3" Deep, 3 Drawer, Plastic Laminate Laboratory Base Cabinet	1,700.41	178.23
12 56 53 00-0318	EA	24" Wide x 28-1/2" High x 22.3" Deep, 3 Drawer, Plastic Laminate Laboratory Base Cabinet	1,758.61	184.29
12 56 53 00-0319	EA	15" Wide x 28-1/2" High x 22.3" Deep, 4 Drawer, Plastic Laminate Laboratory Base Cabinet	1,627.74	170.49
12 56 53 00-0320	EA	18" Wide x 28-1/2" High x 22.3" Deep, 4 Drawer, Plastic Laminate Laboratory Base Cabinet	1,693.14	177.40

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 56 53 00-0321	EA	21" Wide x 28-1/2" High x 22.3" Deep, 4 Drawer, Plastic Laminate Laboratory Base Cabinet	1,741.58	182.51
12 56 53 00-0322	EA	24" Wide x 28-1/2" High x 22.3" Deep, 4 Drawer, Plastic Laminate Laboratory Base Cabinet	1,797.31	188.34
12 56 53 00-0323	EA	15" Wide x 28-1/2" High x 22.3" Deep, Combination Door/Drawer, Plastic Laminate Laboratory Base Cabinet	1,304.31	114.22
12 56 53 00-0324	EA	18" Wide x 28-1/2" High x 22.3" Deep, Combination Door/Drawer, Plastic Laminate Laboratory Base Cabinet	1,351.87	118.38
12 56 53 00-0325	EA	21" Wide x 28-1/2" High x 22.3" Deep, Combination Door/Drawer, Plastic Laminate Laboratory Base Cabinet	1,380.76	120.76
12 56 53 00-0326	EA	24" Wide x 28-1/2" High x 22.3" Deep, Combination Door/Drawer, Plastic Laminate Laboratory Base Cabinet	1,418.33	124.33
12 56 53 00-0327	EA	30" Wide x 28-1/2" High x 22.3" Deep, Combination Door/Drawer, Plastic Laminate Laboratory Base Cabinet	2,061.00	215.95
12 56 53 00-0328	EA	36" Wide x 28-1/2" High x 22.3" Deep, Combination Door/Drawer, Plastic Laminate Laboratory Base Cabinet	2,213.94	232.01
12 56 53 00-0329	EA	42" Wide x 28-1/2" High x 22.3" Deep, Combination Door/Drawer, Plastic Laminate Laboratory Base Cabinet	2,269.01	237.96
12 56 53 00-0330	EA	48" Wide x 28-1/2" High x 22.3" Deep, Combination Door/Drawer, Plastic Laminate Laboratory Base Cabinet	2,378.40	249.26
12 56 53 00-0331	EA	15" Wide Cabinet, 1 Drawer Over Cupboard	1,206.24	126.36
12 56 53 00-0332	EA	18" Wide x 28-1/2" High x 22.3" Deep, 1 Drawer Over Cupboard, Plastic Laminate Laboratory Base Cabinets	1,249.85	131.00
12 56 53 00-0333	EA	21" Wide x 28-1/2" High x 22.3" Deep, 1 Drawer Over Cupboard, Plastic Laminate Laboratory Base Cabinet	1,276.50	133.73
12 56 53 00-0334	EA	24" Wide x 28-1/2" High x 22.3" Deep, 1 Drawer Over Cupboard, Plastic Laminate Laboratory Base Cabinet	1,312.84	137.54
12 56 53 00-0335	EA	30" Wide x 28-1/2" High x 22.3" Deep, Double Drawer Over Cupboard, Plastic Laminate Laboratory Base Cabinet	1,947.44	204.05
12 56 53 00-0336	EA	36" Wide x 28-1/2" High x 22.3" Deep, Double Drawer Over Cupboard, Plastic Laminate Laboratory Base Cabinet	2,037.08	213.45
12 56 53 00-0337	EA	42" Wide x 28-1/2" High x 22.3" Deep, Double Drawer Over Cupboard, Plastic Laminate Laboratory Base Cabinet	2,095.19	219.51
12 56 53 00-0338	EA	48" Wide x 28-1/2" High x 22.3" Deep, Double Drawer Over Cupboard, Plastic Laminate Laboratory Base Cabinet	2,170.32	227.37
12 56 53 00-0339	EA	22.3" Wide x 28-1/2" High x 22.3" Deep, Diagonal Corner, Plastic Laminate Laboratory Base Cabinet	2,543.42	266.51
12 56 53 00-0340	EA	22.3" Wide x 28-1/2" High x 22.3" Deep, Diagonal Corner With Lazy Susan, Plastic Laminate Laboratory Base Cabinet	2,819.39	295.42
12 56 53 00-0341	EA	15" Wide x 28-1/2" High x 22.3" Deep, Sink, Plastic Laminate Laboratory Base Cabinet	993.10	104.10
12 56 53 00-0342	EA	18" Wide x 28-1/2" High x 22.3" Deep, Sink, Plastic Laminate Laboratory Base Cabinet	1,024.59	107.31
12 56 53 00-0343	EA	21" Wide x 28-1/2" High x 22.3" Deep, Sink, Plastic Laminate Laboratory Base Cabinet	1,043.96	109.34
12 56 53 00-0344	EA	24" Wide x 28-1/2" High x 22.3" Deep, Sink, Plastic Laminate Laboratory Base Cabinet	1,068.18	111.95
12 56 53 00-0345	EA	30" Wide x 28-1/2" High x 22.3" Deep, Sink, Plastic Laminate Laboratory Base Cabinet	1,368.54	143.37
12 56 53 00-0346	EA	36" Wide x 28-1/2" High x 22.3" Deep, Sink, Plastic Laminate Laboratory Base Cabinet	1,438.77	150.74
12 56 53 00-0347	EA	42" Wide x 28-1/2" High x 22.3" Deep, Sink, Plastic Laminate Laboratory Base Cabinet	1,479.96	155.03
12 56 53 00-0348	EA	48" Wide x 28-1/2" High x 22.3" Deep, Sink, Plastic Laminate Laboratory Base Cabinet	1,523.55	159.67

12 56 53 00-0349 30.6" High x 12" Deep, Plastic Laminate Laboratory Wall Cabinet *(12 56 53 00-0297)*

12 56 53 00-0350	EA	15" Wide x 30.6" High x 12" Deep, Open, Plastic Laminate Laboratory Wall Cabinet	1,065.78	111.72
		For 36" Height Cabinet, Add	*155.85*	
12 56 53 00-0351	EA	18" Wide x 30.6" High x 12" Deep, Open, Plastic Laminate Laboratory Wall Cabinet	1,106.95	116.00
		For 36" Height Cabinet, Add	*161.87*	
12 56 53 00-0352	EA	21" Wide x 30.6" High x 12" Deep, Open, Plastic Laminate Laboratory Wall Cabinet	1,136.01	118.98
		For 36" Height Cabinet, Add	*166.12*	
12 56 53 00-0353	EA	24" Wide x 30.6" High x 12" Deep, Open, Plastic Laminate Laboratory Wall Cabinet	1,036.69	108.62
		For 36" Height Cabinet, Add	*151.60*	
12 56 53 00-0354	EA	30" Wide x 30.6" High x 12" Deep, Open, Plastic Laminate Laboratory Wall Cabinet	1,191.74	124.93
		For 36" Height Cabinet, Add	*174.27*	
12 56 53 00-0355	EA	36" Wide x 30.6" High x 12" Deep, Open, Plastic Laminate Laboratory Wall Cabinet	1,291.05	135.27
		For 36" Height Cabinet, Add	*188.79*	
12 56 53 00-0356	EA	42" Wide x 30.6" High x 12" Deep, Open, Plastic Laminate Laboratory Wall Cabinet	1,349.17	141.34
		For 36" Height Cabinet, Add	*197.29*	
12 56 53 00-0357	EA	48" Wide x 30.6" High x 12" Deep, Open, Plastic Laminate Laboratory Wall Cabinet	1,429.12	149.79
		For 36" Height Cabinet, Add	*208.98*	
12 56 53 00-0358	EA	15" Wide x 30.6" High x 12" Deep, Solid Swinging Door, Plastic Laminate Laboratory Wall Cabinet	1,169.94	122.54
		For 36" Height Cabinet, Add	*171.08*	
12 56 53 00-0359	EA	18" Wide x 30.6" High x 12" Deep, Solid Swinging Door, Plastic Laminate Laboratory Wall Cabinet	1,223.22	128.14
		For 36" Height Cabinet, Add	*178.87*	
12 56 53 00-0360	EA	21" Wide x 30.6" High x 12" Deep, Solid Swinging Door, Plastic Laminate Laboratory Wall Cabinet	2,785.79	1,342.30
		For 36" Height Cabinet, Add	*18.74*	
12 56 53 00-0361	EA	24" Wide x 30.6" High x 12" Deep, Solid Swinging Door, Plastic Laminate Laboratory Wall Cabinet	1,315.26	137.78
		For 36" Height Cabinet, Add	*192.34*	
12 56 53 00-0362	EA	30" Wide x 30.6" High x 12" Deep, Solid Swinging Door, Plastic Laminate Laboratory Wall Cabinet	1,719.80	180.25
		For 36" Height Cabinet, Add	*251.49*	
12 56 53 00-0363	EA	36" Wide x 30.6" High x 12" Deep, Solid Swinging Door, Plastic Laminate Laboratory Wall Cabinet	1,853.01	194.17
		For 36" Height Cabinet, Add	*270.97*	
12 56 53 00-0364	EA	42" Wide x 30.6" High x 12" Deep, Solid Swinging Door, Plastic Laminate Laboratory Wall Cabinet	1,937.77	202.97
		For 36" Height Cabinet, Add	*283.37*	
12 56 53 00-0365	EA	48" Wide x 30.6" High x 12" Deep, Solid Swinging Door, Plastic Laminate Laboratory Wall Cabinet	2,039.48	213.68
		For 36" Height Cabinet, Add	*298.24*	
12 56 53 00-0366	EA	15" Wide x 30.6" High x 12" Deep, Glass Swinging Door, Plastic Laminate Laboratory Wall Cabinet	1,310.41	137.30
		For 36" Height Cabinet, Add	*191.63*	
12 56 53 00-0367	EA	18" Wide x 30.6" High x 12" Deep, Glass Swinging Door, Plastic Laminate Laboratory Wall Cabinet	1,361.29	142.65
		For 36" Height Cabinet, Add	*199.07*	
12 56 53 00-0368	EA	21" Wide x 30.6" High x 12" Deep, Glass Swinging Door, Plastic Laminate Laboratory Wall Cabinet	1,400.03	146.70
		For 36" Height Cabinet, Add	*204.73*	
12 56 53 00-0369	EA	24" Wide x 30.6" High x 12" Deep, Glass Swinging Door, Plastic Laminate Laboratory Wall Cabinet	1,453.32	152.29
		For 36" Height Cabinet, Add	*212.52*	
12 56 53 00-0370	EA	30" Wide x 30.6" High x 12" Deep, Glass Swinging Door, Plastic Laminate Laboratory Wall Cabinet	2,003.16	209.88
		For 36" Height Cabinet, Add	*292.93*	
12 56 53 00-0371	EA	36" Wide x 30.6" High x 12" Deep, Glass Swinging Door, Plastic Laminate Laboratory Wall Cabinet	2,131.56	223.32
		For 36" Height Cabinet, Add	*311.70*	
12 56 53 00-0372	EA	42" Wide x 30.6" High x 12" Deep, Glass Swinging Door, Plastic Laminate Laboratory Wall Cabinet	2,189.63	229.39
		For 36" Height Cabinet, Add	*320.20*	
12 56 53 00-0373	EA	48" Wide x 30.6" High x 12" Deep, Glass Swinging Door, Plastic Laminate Laboratory Wall Cabinet	2,322.88	243.42
		For 36" Height Cabinet, Add	*339.69*	
12 56 53 00-0374	EA	30" Wide x 30.6" High x 12" Deep, Solid Sliding Door, Plastic Laminate Laboratory Wall Cabinet	1,792.49	187.86
		For 36" Height Cabinet, Add	*262.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 56 53 00-0375	EA	36" Wide x 30.6" High x 12" Deep, Solid Sliding Door, Plastic Laminate Laboratory Wall Cabinet	1,935.08	202.62
		For 36" Height Cabinet, Add	*283.01*	
12 56 53 00-0376	EA	42" Wide x 30.6" High x 12" Deep, Solid Sliding Door, Plastic Laminate Laboratory Wall Cabinet	2,066.02	216.42
		For 36" Height Cabinet, Add	*302.14*	
12 56 53 00-0377	EA	48" Wide x 30.6" High x 12" Deep, Solid Sliding Door, Plastic Laminate Laboratory Wall Cabinet	2,211.36	231.89
		For 36" Height Cabinet, Add	*323.39*	
12 56 53 00-0378	EA	30" Wide x 30.6" High x 12" Deep, Glass Sliding Door, Plastic Laminate Laboratory Wall Cabinet	2,165.72	227.01
		For 36" Height Cabinet, Add	*316.66*	
12 56 53 00-0379	EA	36" Wide x 30.6" High x 12" Deep, Glass Sliding Door, Plastic Laminate Laboratory Wall Cabinet	2,301.30	241.17
		For 36" Height Cabinet, Add	*336.50*	
12 56 53 00-0380	EA	42" Wide x 30.6" High x 12" Deep, Glass Sliding Door, Plastic Laminate Laboratory Wall Cabinet	2,373.73	248.67
		For 36" Height Cabinet, Add	*347.12*	
12 56 53 00-0381	EA	48" Wide x 30.6" High x 12" Deep, Glass Sliding Door, Plastic Laminate Laboratory Wall Cabinet	2,504.50	262.35
		For 36" Height Cabinet, Add	*366.25*	

12 56 53 00-0382 30.6" High x 16" Deep, Plastic Laminate Laboratory Wall Cabinet *(12 56 53 00-0297)*

12 56 53 00-0383	EA	15" Wide x 30.6" High x 16" Deep, Solid Swinging Door, Plastic Laminate Laboratory Wall Cabinet	1,225.65	128.38
		For 36" Height Cabinet, Add	*179.23*	
12 56 53 00-0384	EA	18" Wide x 30.6" High x 16" Deep, Solid Swinging Door, Plastic Laminate Laboratory Wall Cabinet	1,291.05	135.27
		For 36" Height Cabinet, Add	*188.79*	
12 56 53 00-0385	EA	21" Wide x 30.6" High x 16" Deep, Solid Swinging Door, Plastic Laminate Laboratory Wall Cabinet	1,329.75	139.32
		For 36" Height Cabinet, Add	*194.46*	
12 56 53 00-0386	EA	24" Wide x 30.6" High x 16" Deep, Solid Swinging Door, Plastic Laminate Laboratory Wall Cabinet	1,385.50	145.15
		For 36" Height Cabinet, Add	*202.61*	
12 56 53 00-0387	EA	30" Wide x 30.6" High x 16" Deep, Solid Swinging Door, Plastic Laminate Laboratory Wall Cabinet	1,819.13	190.60
		For 36" Height Cabinet, Add	*266.01*	
12 56 53 00-0388	EA	36" Wide x 30.6" High x 16" Deep, Solid Swinging Door, Plastic Laminate Laboratory Wall Cabinet	1,974.12	206.90
		For 36" Height Cabinet, Add	*288.68*	
12 56 53 00-0389	EA	42" Wide x 30.6" High x 16" Deep, Solid Swinging Door, Plastic Laminate Laboratory Wall Cabinet	2,061.31	215.95
		For 36" Height Cabinet, Add	*301.43*	
12 56 53 00-0390	EA	48" Wide x 30.6" High x 16" Deep, Solid Swinging Door, Plastic Laminate Laboratory Wall Cabinet	2,177.53	228.08
		For 36" Height Cabinet, Add	*318.43*	
12 56 53 00-0391	EA	15" Wide x 30.6" High x 16" Deep, Glass Swinging Door, Plastic Laminate Laboratory Wall Cabinet	1,370.96	143.61
		For 36" Height Cabinet, Add	*200.48*	
12 56 53 00-0392	EA	18" Wide x 30.6" High x 16" Deep, Glass Swinging Door, Plastic Laminate Laboratory Wall Cabinet	1,412.16	148.01
		For 36" Height Cabinet, Add	*206.50*	
12 56 53 00-0393	EA	21" Wide x 30.6" High x 16" Deep, Glass Swinging Door, Plastic Laminate Laboratory Wall Cabinet	1,458.15	152.77
		For 36" Height Cabinet, Add	*213.23*	
12 56 53 00-0394	EA	24" Wide x 30.6" High x 16" Deep, Glass Swinging Door, Plastic Laminate Laboratory Wall Cabinet	1,533.25	160.62
		For 36" Height Cabinet, Add	*224.21*	
12 56 53 00-0395	EA	30" Wide x 30.6" High x 16" Deep, Glass Swinging Door, Plastic Laminate Laboratory Wall Cabinet	2,090.39	219.04
		For 36" Height Cabinet, Add	*305.68*	
12 56 53 00-0396	EA	36" Wide x 30.6" High x 16" Deep, Glass Swinging Door, Plastic Laminate Laboratory Wall Cabinet	2,255.11	236.29
		For 36" Height Cabinet, Add	*329.77*	
12 56 53 00-0397	EA	42" Wide x 30.6" High x 16" Deep, Glass Swinging Door, Plastic Laminate Laboratory Wall Cabinet	2,325.26	243.54
		For 36" Height Cabinet, Add	*340.04*	
12 56 53 00-0398	EA	48" Wide x 30.6" High x 16" Deep, Glass Swinging Door, Plastic Laminate Laboratory Wall Cabinet	2,475.49	259.37
		For 36" Height Cabinet, Add	*362.00*	
12 56 53 00-0399	EA	30" Wide x 30.6" High x 16" Deep, Solid Sliding Door, Plastic Laminate Laboratory Wall Cabinet	1,877.28	196.67
		For 36" Height Cabinet, Add	*274.51*	
12 56 53 00-0400	EA	36" Wide x 30.6" High x 16" Deep, Solid Sliding Door, Plastic Laminate Laboratory Wall Cabinet	2,075.57	217.37
		For 36" Height Cabinet, Add	*303.56*	
12 56 53 00-0401	EA	42" Wide x 30.6" High x 16" Deep, Solid Sliding Door, Plastic Laminate Laboratory Wall Cabinet	2,179.86	228.32
		For 36" Height Cabinet, Add	*318.79*	
12 56 53 00-0402	EA	48" Wide x 30.6" High x 16" Deep, Solid Sliding Door, Plastic Laminate Laboratory Wall Cabinet	2,330.30	244.26
		For 36" Height Cabinet, Add	*340.75*	
12 56 53 00-0403	EA	30" Wide x 30.6" High x 16" Deep, Glass Sliding Door, Plastic Laminate Laboratory Wall Cabinet	2,262.67	237.24
		For 36" Height Cabinet, Add	*330.83*	
12 56 53 00-0404	EA	36" Wide x 30.6" High x 16" Deep, Glass Sliding Door, Plastic Laminate Laboratory Wall Cabinet	2,405.46	252.11
		For 36" Height Cabinet, Add	*351.73*	
12 56 53 00-0405	EA	42" Wide x 30.6" High x 16" Deep, Glass Sliding Door, Plastic Laminate Laboratory Wall Cabinet	2,502.14	262.10
		For 36" Height Cabinet, Add	*365.90*	
12 56 53 00-0406	EA	48" Wide x 30.6" High x 16" Deep, Glass Sliding Door, Plastic Laminate Laboratory Wall Cabinet	2,637.70	276.39
		For 36" Height Cabinet, Add	*385.73*	

12 59 Systems Furniture *(12 50)*

12 59 13 Panel-Hung Component System Furniture *(12 59)*

12 59 13 00-0001 Open Office Systems Furniture Components *(12 59 13)*

Note: Excludes electrical wire and wiring devices. See CSI section 26 05 19 13-0001 for wire, 26 05 19 16-0010 for wire, 26 27 26 00-0000 for wiring devices.

12 59 13 00-0002	EA	34H 24W Fabric Covered Panel - Component Systems Furniture	311.45	29.09
		For Tackable Acoustical Barrier Panel, Add	*54.92*	
		For Acoustical Panel, Add	*59.70*	
		For Enameled Surface, Deduct	*-23.88*	
12 59 13 00-0003	EA	34H 30W Fabric Covered Panel - Component Systems Furniture	346.15	32.37
		For Tackable Acoustical Barrier Panel, Add	*61.04*	
		For Acoustical Panel, Add	*66.35*	
		For Enameled Surface, Deduct	*-26.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 59 13 00-0004	EA	34H 36W Fabric Covered Panel - Component Systems Furniture	370.12	34.48
		For Tackable Acoustical Barrier Panel, Add	*65.27*	
		For Acoustical Panel, Add	*70.94*	
		For Enameled Surface, Deduct	*-28.38*	
12 59 13 00-0005	EA	34H 48W Fabric Covered Panel - Component Systems Furniture	414.73	38.71
		For Tackable Acoustical Barrier Panel, Add	*73.14*	
		For Acoustical Panel, Add	*79.50*	
		For Enameled Surface, Deduct	*-31.80*	
12 59 13 00-0006	EA	42H 24W Fabric Covered Panel - Component Systems Furniture	316.41	29.51
		For Tackable Acoustical Barrier Panel, Add	*55.80*	
		For Acoustical Panel, Add	*60.65*	
		For Enameled Surface, Deduct	*-24.26*	
12 59 13 00-0007	EA	42H 30W Fabric Covered Panel - Component Systems Furniture	357.70	33.32
		For Tackable Acoustical Barrier Panel, Add	*63.08*	
		For Acoustical Panel, Add	*68.57*	
		For Enameled Surface, Deduct	*-27.43*	
12 59 13 00-0008	EA	42H 36W Fabric Covered Panel - Component Systems Furniture	400.67	37.44
		For Tackable Acoustical Barrier Panel, Add	*70.66*	
		For Acoustical Panel, Add	*76.80*	
		For Enameled Surface, Deduct	*-30.72*	
12 59 13 00-0009	EA	42H 48W Fabric Covered Panel - Component Systems Furniture	470.90	43.89
		For Tackable Acoustical Barrier Panel, Add	*83.04*	
		For Acoustical Panel, Add	*90.26*	
		For Enameled Surface, Deduct	*-36.11*	
12 59 13 00-0010	EA	62H 12W Fabric Covered Panel - Component Systems Furniture	304.83	28.45
		For Tackable Acoustical Barrier Panel, Add	*53.76*	
		For Acoustical Panel, Add	*58.43*	
		For Enameled Surface, Deduct	*-23.37*	
12 59 13 00-0011	EA	62H 24W Fabric Covered Panel - Component Systems Furniture	375.06	35.00
		For Tackable Acoustical Barrier Panel, Add	*66.14*	
		For Acoustical Panel, Add	*71.89*	
		For Enameled Surface, Deduct	*-28.76*	
12 59 13 00-0012	EA	62H 36W Fabric Covered Panel - Component Systems Furniture	469.27	43.79
		For Tackable Acoustical Barrier Panel, Add	*82.75*	
		For Acoustical Panel, Add	*89.95*	
		For Enameled Surface, Deduct	*-35.98*	
12 59 13 00-0013	EA	62H 48W Fabric Covered Panel - Component Systems Furniture	561.76	52.36
		For Tackable Acoustical Barrier Panel, Add	*99.07*	
		For Acoustical Panel, Add	*107.68*	
		For Enameled Surface, Deduct	*-43.07*	
12 59 13 00-0014	EA	34" Draw Rod Panel Connector Hardware	17.01	1.58
12 59 13 00-0015	EA	42" Draw Rod Panel Connector Hardware	17.01	1.58
12 59 13 00-0016	EA	62" Draw Rod Panel Connector Hardware	18.14	1.69
12 59 13 00-0017	EA	34" Two-Way 90 Degree Panel Connector Hardware	78.24	7.30
12 59 13 00-0018	EA	42" Two-Way 90 Degree Panel Connector Hardware	90.71	8.47
12 59 13 00-0019	EA	62" Two-Way 90 Degree Panel Connector Hardware	104.32	9.73
12 59 13 00-0020	EA	34" Three-Way 90 Degree Panel Connector Hardware	121.33	11.31
12 59 13 00-0021	EA	42" Three-Way 90 Degree Panel Connector Hardware	140.61	13.12
12 59 13 00-0022	EA	62" Three-Way 90 Degree Panel Connector Hardware	163.28	15.23
12 59 13 00-0023	EA	34" Four-Way 90 Degree Panel Connector Hardware	153.09	14.28
12 59 13 00-0024	EA	42" Four-Way 90 Degree Panel Connector Hardware	179.16	16.71
12 59 13 00-0025	EA	62" Four-Way 90 Degree Panel Connector Hardware	215.45	20.10
12 59 13 00-0026	EA	34" Panel End Cap Hardware	26.09	2.44
12 59 13 00-0027	EA	42" Panel End Cap Hardware	29.48	2.75
12 59 13 00-0028	EA	62" Panel End Cap Hardware	31.74	2.96
12 59 13 00-0029	EA	28" Variable Height Panel End Filler Note: Field cut to appropriate length.	28.77	2.75
12 59 13 00-0030	EA	Two-Way Trim Cover For Cable Management Raceway	14.80	1.37
12 59 13 00-0031	EA	Three-Way Trim Cover For Cable Management Raceway	15.61	1.48
12 59 13 00-0032	EA	Four-Way Trim Cover For Cable Management Raceway	18.07	1.69
12 59 13 00-0033	EA	Finished End Trim Cover For Cable Management Raceway	14.80	1.37
12 59 13 00-0034	EA	12" Cable Management Raceway Assembly Note: Includes base plate, two side covers, and 2 side cover fillers.	30.42	2.86
12 59 13 00-0035	EA	24" Cable Management Raceway Assembly Note: Includes base plate, two side covers, and 2 side cover fillers.	34.53	3.17
12 59 13 00-0036	EA	30" Cable Management Raceway Assembly Note: Includes base plate, two side covers, and 2 side cover fillers.	35.34	3.28
12 59 13 00-0037	EA	36" Cable Management Raceway Assembly Note: Includes base plate, two side covers, and 2 side cover fillers.	39.47	3.70
12 59 13 00-0038	EA	48" Cable Management Raceway Assembly Note: Includes base plate, two side covers, and 2 side cover fillers.	44.38	4.12
12 59 13 00-0039	EA	24" x 36" Radiused Edge Rectangular Hanging Work Surface	238.75	22.21
12 59 13 00-0040	EA	30" x 36" Radiused Edge Rectangular Hanging Work Surface	294.10	27.39
12 59 13 00-0041	EA	24" x 48" Radiused Edge Rectangular Hanging Work Surface	277.59	25.92
12 59 13 00-0042	EA	30" x 48" Radiused Edge Rectangular Hanging Work Surface	347.00	32.37
12 59 13 00-0043	EA	24" x 60" Radiused Edge Rectangular Hanging Work Surface	350.28	32.68
12 59 13 00-0044	EA	30" x 60" Radiused Edge Rectangular Hanging Work Surface	441.18	41.24
12 59 13 00-0045	EA	24" x 72" Radiused Edge Rectangular Hanging Work Surface	425.46	39.66
12 59 13 00-0046	EA	30" x 72" Radiused Edge Rectangular Hanging Work Surface	534.47	49.82
12 59 13 00-0047	EA	30" x 60" Radiused Edge Table	949.46	88.63
12 59 13 00-0048	EA	30" x 72" Radiused Edge Table	1,037.58	96.88
12 59 13 00-0049	EA	14" x 24" Radiused Edge Transaction Surface	114.01	10.68
12 59 13 00-0050	EA	14" x 36" Radiused Edge Transaction Surface	129.69	12.06
12 59 13 00-0051	EA	14" x 48" Radiused Edge Transaction Surface	145.40	13.54

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 59 13 00-0052	EA	14" x 60" Radiused Edge Transaction Surface	180.92	16.92
12 59 13 00-0053	EA	14" x 72" Radiused Edge Transaction Surface	217.26	20.31
12 59 13 00-0054	EA	14" Right Angle Corner Transaction Surface	380.03	35.44
12 59 13 00-0055	EA	Transaction Surface Support	30.10	2.80
12 59 13 00-0056	EA	Plastic Pencil Drawer	32.84	2.75
12 59 13 00-0057	EA	15-1/2" x 24" Hanging Shelf	111.00	10.36
12 59 13 00-0058	EA	15-1/2" x 36" Hanging Shelf	120.84	11.21
12 59 13 00-0059	EA	15-1/2" x 48" Hanging Shelf	129.07	12.06
12 59 13 00-0060	EA	24" Flipper Door - Top And Front Closure Note: Used with hanging shelf.	191.53	17.87
12 59 13 00-0061	EA	36" Flipper Door - Top And Front Closure Note: Used with hanging shelf.	223.62	20.94
12 59 13 00-0062	EA	48" Flipper Door - Top And Front Closure Note: Used with hanging shelf.	256.50	23.90
12 59 13 00-0063	EA	24" Suspended Lateral File, Lockable	660.41	61.29
12 59 13 00-0064	EA	30" Suspended Lateral File, Lockable	697.52	64.73
12 59 13 00-0065	EA	36" Suspended Lateral File, Lockable	735.98	68.30
12 59 13 00-0066	EA	48" Suspended Lateral File, Lockable	804.95	74.70
12 59 13 00-0067	EA	Fully Adjustable Vinyl Keyboard Tray	299.27	27.92
12 59 13 00-0068	EA	Palm Rest For Vinyl Keyboard Tray	46.85	4.44
12 59 13 00-0069	EA	24" x 36" Radiused Edge Corner Work Surface	378.07	35.32
12 59 13 00-0070	EA	File Drawer Organizer	121.68	11.31
12 59 13 00-0071	EA	Suspended Lateral File Converter Bracket	26.31	2.44
12 59 13 00-0072	EA	Utility Task Light	131.53	12.27

12 59 13 00-0073 Disassemble And Store Systems Furniture Components *(12 59 13)*

12 59 13 00-0074	EA	Disassemble And Store 34H 24W Fabric Covered Panel	36.35	
12 59 13 00-0075	EA	Disassemble And Store 34H 30W Fabric Covered Panel	40.39	
12 59 13 00-0076	EA	Disassemble And Store 34H 36W Fabric Covered Panel	43.19	
12 59 13 00-0077	EA	Disassemble And Store 34H 48W Fabric Covered Panel	48.39	
12 59 13 00-0078	EA	Disassemble And Store 42H 24W Fabric Covered Panel	36.92	
12 59 13 00-0079	EA	Disassemble And Store 42H 30W Fabric Covered Panel	41.74	
12 59 13 00-0080	EA	Disassemble And Store 42H 36W Fabric Covered Panel	46.76	
12 59 13 00-0081	EA	Disassemble And Store 42H 48W Fabric Covered Panel	54.95	
12 59 13 00-0082	EA	Disassemble And Store 62H 12W Fabric Covered Panel	35.58	
12 59 13 00-0083	EA	Disassemble And Store 62H 24W Fabric Covered Panel	43.77	
12 59 13 00-0084	EA	Disassemble And Store 62H 36W Fabric Covered Panel	54.76	
12 59 13 00-0085	EA	Disassemble And Store 62H 48W Fabric Covered Panel	65.56	
12 59 13 00-0086	EA	Disassemble And Store 34" Draw Rod Panel Connector Hardware	1.99	
12 59 13 00-0087	EA	Disassemble And Store 42" Draw Rod Panel Connector Hardware	1.99	
12 59 13 00-0088	EA	Disassemble And Store 62" Draw Rod Panel Connector Hardware	2.12	
12 59 13 00-0089	EA	Disassemble And Store 34" Two-Way 90 Degree Panel Connector Hardware	9.13	
12 59 13 00-0090	EA	Disassemble And Store 42" Two-Way 90 Degree Panel Connector Hardware	10.58	
12 59 13 00-0091	EA	Disassemble And Store 62" Two-Way 90 Degree Panel Connector Hardware	12.18	
12 59 13 00-0092	EA	Disassemble And Store 34" Three-Way 90 Degree Panel Connector Hardware	14.16	
12 59 13 00-0093	EA	Disassemble And Store 42" Three-Way 90 Degree Panel Connector Hardware	16.41	
12 59 13 00-0094	EA	Disassemble And Store 62" Three-Way 90 Degree Panel Connector Hardware	19.06	
12 59 13 00-0095	EA	Disassemble And Store 34" Four-Way 90 Degree Panel Connector Hardware	17.86	
12 59 13 00-0096	EA	Disassemble And Store 42" Four-Way 90 Degree Panel Connector Hardware	20.91	
12 59 13 00-0097	EA	Disassemble And Store 62" Four-Way 90 Degree Panel Connector Hardware	25.14	
12 59 13 00-0098	EA	Disassemble And Store 34" Panel End Cap Hardware	3.04	
12 59 13 00-0099	EA	Disassemble And Store 42" Panel End Cap Hardware	3.44	
12 59 13 00-0100	EA	Disassemble And Store 62" Panel End Cap Hardware	3.70	
12 59 13 00-0101	EA	Disassemble And Store Variable Height Panel End Filler	3.36	
12 59 13 00-0102	EA	Disassemble And Store Two-Way Trim Cover For Cable Management Raceway	1.73	
12 59 13 00-0103	EA	Disassemble And Store Three-Way Trim Cover For Cable Management Raceway	1.83	
12 59 13 00-0104	EA	Disassemble And Store Four-Way Trim Cover For Cable Management Raceway	2.11	
12 59 13 00-0105	EA	Disassemble And Store Finished End Trim Cover For Cable Management Raceway	1.73	
12 59 13 00-0106	EA	Disassemble And Store 12" Cable Management Raceway Assembly	3.55	
12 59 13 00-0107	EA	Disassemble And Store 24" Cable Management Raceway Assembly	4.03	
12 59 13 00-0108	EA	Disassemble And Store 30" Cable Management Raceway Assembly	4.12	
12 59 13 00-0109	EA	Disassemble And Store 36" Cable Management Raceway Assembly	4.60	
12 59 13 00-0110	EA	Disassemble And Store 48" Cable Management Raceway Assembly	5.18	
12 59 13 00-0111	EA	Disassemble And Store 24" x 36" Radiused Edge Rectangular Hanging Work Surface	27.86	
12 59 13 00-0112	EA	Disassemble And Store 30" x 36" Radiused Edge Rectangular Hanging Work Surface	34.32	
12 59 13 00-0113	EA	Disassemble And Store 24" x 48" Radiused Edge Rectangular Hanging Work Surface	32.40	
12 59 13 00-0114	EA	Disassemble And Store 30" x 48" Radiused Edge Rectangular Hanging Work Surface	40.49	
12 59 13 00-0115	EA	Disassemble And Store 24" x 60" Radiused Edge Rectangular Hanging Work Surface	40.88	
12 59 13 00-0116	EA	Disassemble And Store 30" x 60" Radiused Edge Rectangular Hanging Work Surface	51.48	
12 59 13 00-0117	EA	Disassemble And Store 24" x 72" Radiused Edge Rectangular Hanging Work Surface	49.65	
12 59 13 00-0118	EA	Disassemble And Store 30" x 72" Radiused Edge Rectangular Hanging Work Surface	62.38	
12 59 13 00-0119	EA	Disassemble And Store 30" x 60" Radiused Edge Table	96.33	
12 59 13 00-0120	EA	Disassemble And Store 30" x 72" Radiused Edge Table	121.06	
12 59 13 00-0121	EA	Disassemble And Store 14" x 24" Radiused Edge Transaction Surface	13.30	
12 59 13 00-0122	EA	Disassemble And Store 14" x 36" Radiused Edge Transaction Surface	15.13	
12 59 13 00-0123	EA	Disassemble And Store 14" x 48" Radiused Edge Transaction Surface	16.97	
12 59 13 00-0124	EA	Disassemble And Store 14" x 60" Radiused Edge Transaction Surface	21.11	
12 59 13 00-0125	EA	Disassemble And Store 14" x 72" Radiused Edge Transaction Surface	25.36	
12 59 13 00-0126	EA	Disassemble And Store 14" Right Angle Corner Transaction Surface	44.35	
12 59 13 00-0127	EA	Disassemble And Store Transaction Surface Support	3.50	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 59 13 00-0128	EA	Disassemble And Store Plastic Pencil Drawer	3.46	
12 59 13 00-0129	EA	Disassemble And Store 15-1/2" x 24" Hanging Shelf	12.95	
12 59 13 00-0130	EA	Disassemble And Store 15-1/2" x 36" Hanging Shelf	14.10	
12 59 13 00-0131	EA	Disassemble And Store 15-1/2" x 48" Hanging Shelf	15.06	
12 59 13 00-0132	EA	Disassemble And Store 24" Flipper Door And Shelf	22.36	
12 59 13 00-0133	EA	Disassemble And Store 36" Flipper Door And Shelf	26.10	
12 59 13 00-0134	EA	Disassemble And Store 48" Flipper Door And Shelf	29.93	
12 59 13 00-0135	EA	Disassemble And Store 24" Suspended Lateral File	76.61	
12 59 13 00-0136	EA	Disassemble And Store 30" Suspended Lateral File	80.91	
12 59 13 00-0137	EA	Disassemble And Store 36" Suspended Lateral File	85.37	
12 59 13 00-0138	EA	Disassemble And Store 48" Suspended Lateral File	93.38	
12 59 13 00-0139	EA	Disassemble And Store Fully Adjustable Vinyl Keyboard Tray	34.92	
12 59 13 00-0140	EA	Disassemble And Store 24" x 36" Radiused Edge Corner Work Surface	44.12	
12 59 13 00-0141	EA	Disassemble And Store Utility Task Light	15.35	

12 59 13 00-0142 Reconfigure Systems Furniture Components *(12 59 13)*

12 59 13 00-0143	EA	Reconfigure 34H 24W Fabric Covered Panel	38.76	
12 59 13 00-0144	EA	Reconfigure 34H 30W Fabric Covered Panel	43.07	
12 59 13 00-0145	EA	Reconfigure 34H 36W Fabric Covered Panel	46.05	
12 59 13 00-0146	EA	Reconfigure 34H 48W Fabric Covered Panel	51.60	
12 59 13 00-0147	EA	Reconfigure 42H 24W Fabric Covered Panel	39.37	
12 59 13 00-0148	EA	Reconfigure 42H 30W Fabric Covered Panel	44.50	
12 59 13 00-0149	EA	Reconfigure 42H 36W Fabric Covered Panel	49.85	
12 59 13 00-0150	EA	Reconfigure 42H 48W Fabric Covered Panel	58.58	
12 59 13 00-0151	EA	Reconfigure 62H 12W Fabric Covered Panel	37.93	
12 59 13 00-0152	EA	Reconfigure 62H 24W Fabric Covered Panel	46.67	
12 59 13 00-0153	EA	Reconfigure 62H 36W Fabric Covered Panel	58.38	
12 59 13 00-0154	EA	Reconfigure 62H 48W Fabric Covered Panel	69.90	
12 59 13 00-0155	EA	Reconfigure 34" Draw Rod Panel Connector Hardware	2.12	
12 59 13 00-0156	EA	Reconfigure 42" Draw Rod Panel Connector Hardware	2.12	
12 59 13 00-0157	EA	Reconfigure 62" Draw Rod Panel Connector Hardware	2.26	
12 59 13 00-0158	EA	Reconfigure 34" Two-Way 90 Degree Panel Connector Hardware	9.74	
12 59 13 00-0159	EA	Reconfigure 42" Two-Way 90 Degree Panel Connector Hardware	11.28	
12 59 13 00-0160	EA	Reconfigure 62" Two-Way 90 Degree Panel Connector Hardware	12.98	
12 59 13 00-0161	EA	Reconfigure 34" Three-Way 90 Degree Panel Connector Hardware	15.09	
12 59 13 00-0162	EA	Reconfigure 42" Three-Way 90 Degree Panel Connector Hardware	17.49	
12 59 13 00-0163	EA	Reconfigure 62" Three-Way 90 Degree Panel Connector Hardware	20.32	
12 59 13 00-0164	EA	Reconfigure 34" Four-Way 90 Degree Panel Connector Hardware	19.05	
12 59 13 00-0165	EA	Reconfigure 42" Four-Way 90 Degree Panel Connector Hardware	22.30	
12 59 13 00-0166	EA	Reconfigure 62" Four-Way 90 Degree Panel Connector Hardware	26.81	
12 59 13 00-0167	EA	Reconfigure 34" Panel End Cap Hardware	3.25	
12 59 13 00-0168	EA	Reconfigure 42" Panel End Cap Hardware	3.67	
12 59 13 00-0169	EA	Reconfigure 62" Panel End Cap Hardware	3.95	
12 59 13 00-0170	EA	Reconfigure Variable Height Panel End Filler	3.58	
12 59 13 00-0171	EA	Reconfigure Two-Way Trim Cover For Cable Management Raceway	1.85	
12 59 13 00-0172	EA	Reconfigure Three-Way Trim Cover For Cable Management Raceway	1.95	
12 59 13 00-0173	EA	Reconfigure Four-Way Trim Cover For Cable Management Raceway	2.25	
12 59 13 00-0174	EA	Reconfigure Finished End Trim Cover For Cable Management Raceway	1.85	
12 59 13 00-0175	EA	Reconfigure 12" Cable Management Raceway Assembly	3.78	
12 59 13 00-0176	EA	Reconfigure 24" Cable Management Raceway Assembly	4.29	
12 59 13 00-0177	EA	Reconfigure 30" Cable Management Raceway Assembly	4.39	
12 59 13 00-0178	EA	Reconfigure 36" Cable Management Raceway Assembly	4.91	
12 59 13 00-0179	EA	Reconfigure 48" Cable Management Raceway Assembly	5.53	
12 59 13 00-0180	EA	Reconfigure 24" x 36" Radiused Edge Rectangular Hanging Work Surface	29.71	
12 59 13 00-0181	EA	Reconfigure 30" x 36" Radiused Edge Rectangular Hanging Work Surface	36.59	
12 59 13 00-0182	EA	Reconfigure 24" x 48" Radiused Edge Rectangular Hanging Work Surface	34.53	
12 59 13 00-0183	EA	Reconfigure 30" x 48" Radiused Edge Rectangular Hanging Work Surface	43.17	
12 59 13 00-0184	EA	Reconfigure 24" x 60" Radiused Edge Rectangular Hanging Work Surface	43.58	
12 59 13 00-0185	EA	Reconfigure 30" x 60" Radiused Edge Rectangular Hanging Work Surface	54.89	
12 59 13 00-0186	EA	Reconfigure 24" x 72" Radiused Edge Rectangular Hanging Work Surface	52.94	
12 59 13 00-0187	EA	Reconfigure 30" x 72" Radiused Edge Rectangular Hanging Work Surface	66.50	
12 59 13 00-0188	EA	Reconfigure 30" x 60" Radiused Edge Table	118.14	
12 59 13 00-0189	EA	Reconfigure 30" x 72" Radiused Edge Table	129.10	
12 59 13 00-0190	EA	Reconfigure 14" x 24" Radiused Edge Transaction Surface	14.18	
12 59 13 00-0191	EA	Reconfigure 14" x 36" Radiused Edge Transaction Surface	16.14	
12 59 13 00-0192	EA	Reconfigure 14" x 48" Radiused Edge Transaction Surface	18.09	
12 59 13 00-0193	EA	Reconfigure 14" x 60" Radiused Edge Transaction Surface	22.51	
12 59 13 00-0194	EA	Reconfigure 14" x 72" Radiused Edge Transaction Surface	27.03	
12 59 13 00-0195	EA	Reconfigure 14" Right Angle Corner Transaction Surface	47.28	
12 59 13 00-0196	EA	Reconfigure Transaction Surface Support	3.73	
12 59 13 00-0197	EA	Reconfigure 15-1/2" x 24" Hanging Shelf	13.81	
12 59 13 00-0198	EA	Reconfigure 15-1/2" x 36" Hanging Shelf	15.03	
12 59 13 00-0199	EA	Reconfigure 15-1/2" x 48" Hanging Shelf	16.06	
12 59 13 00-0200	EA	Reconfigure 24" Flipper Door And Shelf	23.83	
12 59 13 00-0201	EA	Reconfigure 36" Flipper Door And Shelf	27.82	
12 59 13 00-0202	EA	Reconfigure 48" Flipper Door And Shelf	31.91	
12 59 13 00-0203	EA	Reconfigure 24" Suspended Lateral File	81.72	
12 59 13 00-0204	EA	Reconfigure 30" Suspended Lateral File	86.31	
12 59 13 00-0205	EA	Reconfigure 36" Suspended Lateral File	91.07	
12 59 13 00-0206	EA	Reconfigure 48" Suspended Lateral File	99.62	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 59 13 00-0207	EA	Reconfigure 24" x 36" Radiused Edge Corner Work Surface	47.04	

12 60 Multiple Seating *(12)*

12 61 Fixed Audience Seating *(12 60)*

See CSI section 12 01 60 00-0001 for seat repairs.

12 61 13 Upholstered Audience Seating *(12 61)*

12 61 13 00-0001 Upholstered Audience Seating *(12 61 13)*

12 61 13 00-0002	EA	Upholstered Seat, Upholstered Back With Polymer Rear Panel, Number 4 Chair Platform, Fixed Audience Seating (Irwin Marquee 51.12.00.4) Note: Includes Marquee back with polymer rear panel, upholstered cover over 2" foam, number 12 self rising seat with ergo substrate, open aisle standards, number 4 steel chair platform, floor mount, and comfort curved polymer arms.	617.31	51.58
		For >100 To 249, Deduct	*-75.77*	
		For >249 To 749, Deduct	*-90.93*	
		For >749, Deduct	*-101.03*	
		For Up To 9, Add	*823.41*	
		For >9 To 24, Add	*328.35*	
		For Expansion Anchor Mounting With Anchor Caps, Add	*28.25*	
		For Epoxy Anchor Mounting With Anchor Caps, Add	*35.91*	
12 61 13 00-0003	EA	Upholstered Seat, Upholstered Back With Polymer Rear Panel, Number 4 Chair Platform, Fixed Audience Seating With Veneer Insert Aisle Panel (Irwin Marquee 51.12.10.4) Note: Includes Marquee back with polymer rear panel, upholstered cover over 2" foam, number 12 self rising seat with ergo substrate, number 10 aisle panel with veneer insert panel, number 4 steel chair platform, floor mount, and flat solid hardwood arms.	649.99	51.58
		For >100 To 249, Deduct	*-80.68*	
		For >249 To 749, Deduct	*-96.81*	
		For >749, Deduct	*-107.57*	
		For Up To 9, Add	*822.90*	
		For >9 To 24, Add	*328.08*	
		For Expansion Anchor Mounting With Anchor Caps, Add	*28.25*	
		For Epoxy Anchor Mounting With Anchor Caps, Add	*35.91*	
12 61 13 00-0004	EA	Upholstered Seat, Upholstered Back With Veneer Surfaced Rear Panel, Number 4 Chair Platform, Fixed Audience Seating (Irwin Saturn 22.12.00.4) Note: Includes Saturn back with veneer surfaced rear panel and exposed fasteners, upholstered cover over 2" foam, number 12 self rising seat with ergo substrate, open aisle standards, number 4 steel chair platform, floor mount, and comfort curved polymer arms.	798.29	51.58
		For >100 To 249, Deduct	*-102.92*	
		For >249 To 749, Deduct	*-123.51*	
		For >749, Deduct	*-137.23*	
		For Up To 9, Add	*823.37*	
		For >9 To 24, Add	*329.35*	
		For Expansion Anchor Mounting With Anchor Caps, Add	*28.25*	
		For Epoxy Anchor Mounting With Anchor Caps, Add	*35.91*	
12 61 13 00-0005	EA	Upholstered Seat, Upholstered Back With Veneer Surfaced Rear Panel, Number 4 Chair Platform, Fixed Audience Seating With Veneer Insert Aisle Panel (Irwin Saturn 22.12.10.4) Note: Includes Saturn back with veneer surfaced rear panel and exposed fasteners, upholstered cover over 2" foam, number 12 self rising seat with ergo substrate, number 10 aisle panel with veneer insert panel, number 4 steel chair platform, floor mount, and comfort curved polymer arms	831.41	51.58
		For >100 To 249, Deduct	*-107.89*	
		For >249 To 749, Deduct	*-129.47*	
		For >749, Deduct	*-143.85*	
		For Up To 9, Add	*819.96*	
		For >9 To 24, Add	*330.86*	
		For Expansion Anchor Mounting With Anchor Caps, Add	*28.25*	
		For Epoxy Anchor Mounting With Anchor Caps, Add	*35.91*	
12 61 13 00-0006	EA	Upholstered Seat, Upholstered Back With Polymer Rear Panel, Number 4 Chair Platform, Fixed Audience Seating (Irwin Citation 90.12.00.4) Note: Includes Citation back with polymer rear panel, upholstered cover over 2" foam, number 12 self rising seat with ergo substrate, open aisle standards, number 4 steel chair platform, floor mount, and comfort curved polymer arms.	539.61	51.58
		For >100 To 249, Deduct	*-64.12*	
		For >249 To 749, Deduct	*-76.94*	
		For >749, Deduct	*-85.49*	
		For Up To 9, Add	*825.00*	
		For >9 To 24, Add	*329.14*	
		For Expansion Anchor Mounting With Anchor Caps, Add	*28.25*	
		For Epoxy Anchor Mounting With Anchor Caps, Add	*35.91*	
12 61 13 00-0007	EA	Upholstered Seat, Upholstered Back With Polymer Rear Panel, Number 4 Chair Platform, Fixed Audience Seating With Laminate Insert Aisle Panel (Irwin Citation 90.12.10.4) Note: Includes Citation back with polymer rear panel, upholstered cover over 2" foam, number 12 self rising seat with ergo substrate, number 10 aisle panel with laminate insert panel, number 4 steel chair platform, floor mount, and comfort curved polymer arms.	546.14	51.58
		For >100 To 249, Deduct	*-65.10*	
		For >249 To 749, Deduct	*-78.12*	
		For >749, Deduct	*-86.80*	
		For Up To 9, Add	*824.58*	
		For >9 To 24, Add	*329.83*	
		For Expansion Anchor Mounting With Anchor Caps, Add	*28.25*	
		For Epoxy Anchor Mounting With Anchor Caps, Add	*35.91*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 61 13 00-0008	EA	Upholstered Seat, Upholstered Back With Polymer Rear Panel, Number 4 Chair Platform, Fixed Audience Seating With Laminate Surfaced Aisle Panel (Irwin Citation 90.12.86.4)	574.21	51.58
		Note: Includes Citation back with polymer rear panel, upholstered cover over 2" foam, number 12 self rising seat with ergo substrate, number 86 laminate surfaced aisle panel, number 4 steel chair platform, floor mount, and flat solid hardwood arms.		
		For >100 To 249, Deduct	*-69.31*	
		For >249 To 749, Deduct	*-83.17*	
		For >749, Deduct	*-92.41*	
		For Up To 9, Add	*822.47*	
		For >9 To 24, Add	*328.06*	
		For Expansion Anchor Mounting With Anchor Caps, Add	*28.25*	
		For Epoxy Anchor Mounting With Anchor Caps, Add	*35.91*	
12 61 13 00-0009		**Fixed Back Upholstered Audience Seating** *(12 61 13)*		
		Note: Excludes aisle lighting, ADA requirements, wood arm rests, wood panel on back of seat, and balcony installation requiring carry of material and installation of material over carpet. Includes "G" grade fabric.		
12 61 13 00-0010	EA	Olympiad Stadium Type Seating	365.72	51.58
		Note: Plastic seat and back. Cast iron stanchions with integral arm rest. Seat number and row letter.		
12 61 13 00-0011	EA	Quattro Upholstered Seating	485.41	51.58
		Note: Upholstered seat and back. Polypropylene seat and back. Cast aluminum stanchions with plastic arm rest. Seat number and row letter.		
12 61 16		**Molded-Plastic Audience Seating** *(12 61)*		
12 61 16 00-0001		**Molded-Plastic Audience Seating** *(12 61 16)*		
12 61 16 00-0002	EA	Molded Polymer Seat, Molded Polymer Back, Number 30 Chair Platform, Fixed Audience Seating (Irwin Patriot 30.52.00.30)	408.32	51.58
		Note: Includes Patriot back, double wall polymer, number 52 self rising seat torsion spring seat lift, open aisle standards, number 30 steel chair platform, floor mount, and polymer arms.		
		For >100 To 249, Deduct	*-44.43*	
		For >249 To 749, Deduct	*-53.31*	
		For >749, Deduct	*-59.23*	
		For Up To 9, Add	*811.51*	
		For >9 To 24, Add	*325.79*	
		For Expansion Anchor Mounting With Anchor Caps, Add	*28.25*	
		For Epoxy Anchor Mounting With Anchor Caps, Add	*35.91*	
12 61 16 00-0003	EA	Molded Polymer Seat, Molded Polymer Back, Number 30 Chair Platform, Fixed Audience Seating With Laminate Surfaced Aisle Panel (Irwin Patriot 30.52.36.30)	457.70	51.58
		Note: Includes Patriot back, double wall polymer, number 52 self rising seat torsion spring seat lift, number 36 laminate surfaced aisle panel, number 30 steel chair platform, floor mount, and flat laminate surfaced arms.		
		For >100 To 249, Deduct	*-51.83*	
		For >249 To 749, Deduct	*-62.20*	
		For >749, Deduct	*-69.11*	
		For Up To 9, Add	*812.04*	
		For >9 To 24, Add	*324.82*	
		For Expansion Anchor Mounting With Anchor Caps, Add	*28.25*	
		For Epoxy Anchor Mounting With Anchor Caps, Add	*35.91*	
12 61 19		**Plywood/Hardwood Audience Seating** *(12 61)*		
12 61 19 00-0001		**Plywood/Hardwood Audience Seating** *(12 61 19)*		
12 61 19 00-0002	EA	Veneered Hardwood Seat, Veneered Hardwood Back With Polymer Rear Panel, Number 4 Chair Platform, Fixed Audience Seating (Irwin Crusader 1.14.00.4)	648.05	51.58
		Note: Includes Crusader back, veneer surfaced, number 14 self rising seat, open aisle standards, number 4 steel chair platform, floor mount, and flat solid hardwood arms.		
		For >100 To 249, Deduct	*-80.39*	
		For >249 To 749, Deduct	*-96.46*	
		For >749, Deduct	*-107.18*	
		For Up To 9, Add	*852.08*	
		For >9 To 24, Add	*342.98*	
		For Expansion Anchor Mounting With Anchor Caps, Add	*28.25*	
		For Epoxy Anchor Mounting With Anchor Caps, Add	*35.91*	
12 61 19 00-0003	EA	Veneered Hardwood Seat, Veneered Hardwood Back With Polymer Rear Panel, Number 4 Chair Platform, Fixed Audience Seating With Veneer Surfaced Aisle Panel (Irwin Crusader 1.14.86.4)	674.56	51.58
		Note: Includes Crusader back, veneer surfaced, number 14 self rising seat, number 86 veneer surfaced aisle panel, number 4 steel chair platform, floor mount, and flat solid hardwood arms.		
		For >100 To 249, Deduct	*-84.36*	
		For >249 To 749, Deduct	*-101.23*	
		For >749, Deduct	*-112.48*	
		For Up To 9, Add	*815.49*	
		For >9 To 24, Add	*326.20*	
		For Expansion Anchor Mounting With Anchor Caps, Add	*28.25*	
		For Epoxy Anchor Mounting With Anchor Caps, Add	*35.91*	
12 61 21		**Fixed Audience Seating Accessories** *(12 61)*		
12 61 21 00-0001		**Fixed Audience Seating Accessories** *(12 61 21)*		
12 61 21 00-0002	EA	100 Square Inch, Self Storing Writing Tablet For Number 4 Chair Platform, Fixed Audience Seating (Irwin)	211.35	
		For >100 To 249, Deduct	*-30.02*	
		For >249 To 749, Deduct	*-36.02*	
		For >749, Deduct	*-40.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 61 21 00-0003	EA	120 Square Inch, Self Storing Writing Tablet For Number 4 Chair Platform, Fixed Audience Seating (Irwin)	215.20	
		For >100 To 249, Deduct	*-30.60*	
		For >249 To 749, Deduct	*-36.72*	
		For >749, Deduct	*-40.80*	
12 61 21 00-0004	EA	151 Square Inch, Self Storing Writing Tablet For Number 4 Chair Platform, Fixed Audience Seating (Irwin)	225.24	
		For >100 To 249, Deduct	*-32.10*	
		For >249 To 749, Deduct	*-38.52*	
		For >749, Deduct	*-42.80*	
12 61 21 00-0005	EA	98 Square Inch, Tru-Fold Writing Tablet For Number 30 Chair Platform, Fixed Audience Seating (Irwin)	211.35	
		For >100 To 249, Deduct	*-30.02*	
		For >249 To 749, Deduct	*-36.02*	
		For >749, Deduct	*-40.03*	
12 61 21 00-0006	EA	105 Square Inch, Tru-Fold Writing Tablet For Number 30 Chair Platform, Fixed Audience Seating (Irwin)	226.09	
		For >100 To 249, Deduct	*-32.23*	
		For >249 To 749, Deduct	*-38.68*	
		For >749, Deduct	*-42.97*	
12 61 21 00-0007	EA	Rubber Foot Shrouds For Number 4 Chair Platform (Per Chair), Fixed Audience Seating (Irwin)	17.25	

12 62 Portable-Audience Seating *(12 60)*

12 62 23 Portable Bleachers *(12 62)*

12 62 23 00-0001 Metal Bleachers, Outdoor, Portable *(12 62 23)*

Note: Average seating is 18".

12 62 23 00-0002 Non-Elevated Portable Aluminum Bleacher *(12 62 23 00-0001)*

12 62 23 00-0003	SEA	2 To 5 Rows, Non-Elevated Portable Aluminum Bleacher Price Per Seat	175.33	5.33
		For Each "Tip and Roll" Set (Includes Two Fixed Wheels), Add To Total Structure	*165.00*	
		For Each "Flip and Roll" Set (Includes Four Wheels), Add To Total Structure	*335.00*	

12 62 23 00-0004 Non-Elevated Portable Aluminum Bleacher *(12 62 23 00-0001)*

Note: Includes side and back fence.

12 62 23 00-0005	SEA	5 Rows, Non-Elevated Portable Aluminum Bleacher	230.74	5.33
		Note: Including side and back fence.		
		For Elevated Structure (Includes Additional Front Rail, A Front Walkway With Stairways On Either Side, Double Foot Boards Between Rows), Add	*35.00*	
12 62 23 00-0006	SEA	6 To 10 Rows, Non-Elevated Portable Aluminum Bleacher	263.13	5.60
		Note: Including side and back fence.		
		For Elevated Structure (Includes Additional Front Rail, A Front Walkway With Stairways On Either Side, Double Foot Boards Between Rows), Add	*35.00*	
12 62 23 00-0007	SEA	11 To 15 Rows, Non-Elevated Portable Aluminum Bleacher	274.68	5.87
		Note: Including side and back fence.		
		For Elevated Structure (Includes Additional Front Rail, A Front Walkway With Stairways On Either Side, Double Foot Boards Between Rows), Add	*35.00*	

12 62 23 00-0008 Non-Elevated Portable Aluminum Bleacher *(12 62 23 00-0001)*

Note: Includes side and back fence and center aisle with rails.

12 62 23 00-0009	SEA	5 Rows, Non-Elevated Portable Aluminum Bleacher	361.83	6.01
		Note: Including side and back fence and center aisle with hand rails.		
		For Elevated Structure (Includes Additional Front Rail, A Front Walkway With Stairways On Either Side, Double Foot Boards Between Rows), Add	*35.00*	
12 62 23 00-0010	SEA	6 To 10 Rows, Non-Elevated Portable Aluminum Bleacher	413.81	6.31
		Note: Including side and back fence and center aisle with hand rails.		
		For Elevated Structure (Includes Additional Front Rail, A Front Walkway With Stairways On Either Side, Double Foot Boards Between Rows), Add	*35.00*	
12 62 23 00-0011	SEA	11 To 15 Rows, Non-Elevated Portable Aluminum Bleacher	448.88	6.67
		Note: Including side and back fence and center aisle with hand rails.		
		For Elevated Structure (Includes Additional Front Rail, A Front Walkway With Stairways On Either Side, Double Foot Boards Between Rows), Add	*35.00*	

12 66 Telescoping Stands *(12 60)*

12 66 13 Telescoping Bleachers *(12 66)*

12 66 13 00-0001 Wall Mounted Telescoping Bleachers *(12 66 13)*

Note: Includes column cut-outs, manual operation, 10" plastic seats and cylinder lock. Excludes self storing side rails, rear rails, rear panels or end panels. Based on gross seats. To calculate the quantity of gross seats, divide the length of the unit by 18" and then multiply by the number of rows in the unit. Do not subtract for aisles or handicap cutouts. See CSI section 12 66 13 00-0004 for additonal optional accessories.

12 66 13 00-0002	EA	MAXAM Wall Attahed Telescoping Bleachers Without Seat Backs	254.90	
		Note: Quantity calculation: 18" per seat divided by the length of the bleacher then multiplied by the number of rows. 9-5/8" rise, 26" row spacing, 10" plastic seat unit, plywood decking material, aisle railing, self storing end rails (both sides), mid aisle steps, front removable step, friction motor package including all internal wiring, ADA 100% recoverable seating along first row and seat number and row letter.		
		For Manual Operation, Deduct	*-22.16*	
12 66 13 00-0003	EA	MAXAM Plus Wall Attahed Telescoping Platform System With Seat Backs	764.69	
		Note: Quantity calculation: actual number if seats. 9-5/8" rise, 33" row spacing, plywood decking material, folding chair mounted on beam system, chair with plastic seat and back, aisle railing, self storing end rails (both sides), mid aisle steps, front removable step, friction motor package including all internal wiring, ADA 100% recoverable seating along first row and seat number and row letter.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 66 13 00-0004		Options And Accessories *(12 66 13)*		
12 66 13 00-0005	EA	Scorer's Table	554.12	
12 66 13 00-0006	EA	End Curtains For Telescoping Bleachers	554.12	

END OF SECTION 12

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

13 Special Construction

13 10 Special Facility Components *(13)*

13 11 Swimming Pools *(13 10)*

13 11 46 Swimming Pool Accessories *(13 11)*

See CSI section 22 51 19 00-0039 for diatomite type filter system.

13 11 46 00-0001 Pool Deck Waterproofing System *(13 11 46)*

13 11 46 00-0002	SF	Polyvinyl Chloride (PVC) Deck Membrane, DecTec Note: Brick, granite, teal, bronze, opal colors.	20.77	6.21
13 11 46 00-0003	LF	Vinyl Termination Bar, Base, Grey	5.81	1.53
13 11 46 00-0004	LF	Vinyl Termination Bar, Cap, Grey, Beige, Or White	4.89	1.53
13 11 46 00-0005	LF	Polyvinyl Chloride (PVC) Drip Edge, White, Brick, Bronze, Opal, Or Granite Color	10.28	1.36
13 11 46 00-0006	LF	Up To 6" Wide, Metal Flashing Note: White, brick, bronze, granite, and opal colors.	6.99	1.36
13 11 46 00-0007	LF	Greater Than 6" And Up To 12" Wide, Metal Flashing Note: White, brick, bronze, granite, and opal colors.	11.25	1.36
13 11 46 00-0008	EA	Universal Drain Note: DecDrain NDR 4-1.	338.11	27.24
13 11 46 00-0009	EA	One Piece Rigid Polyvinyl Chloride (PVC) Scupper	467.02	27.24

13 12 Fountains *(13 10)*

13 12 13 Exterior Fountains *(13 12)*

13 12 13 00-0001 Fountains/Aerators *(13 12 13)*

13 12 13 00-0002	EA	1/2 HP Pump, Single Phase With 100' Cord	2,337.05	167.52
13 12 13 00-0003	EA	3/4 HP Pump, Single Phase With 100' Cord	2,583.11	171.21
13 12 13 00-0004	EA	1 HP Pump, Single Phase With 100' Cord	2,617.09	175.35
13 12 13 00-0005	EA	1-1/2 HP Pump, Single Phase With 100' Cord	2,745.89	179.49
13 12 13 00-0006	EA	2 HP Pump, Single Phase With 100' Cord	2,875.79	184.09
13 12 13 00-0007	EA	5 HP Pump, Three Phase With 200' Cord	6,155.39	188.70
13 12 13 00-0008	EA	7-1/2 HP Pump, Three Phase With 200' Cord	7,044.33	193.75
13 12 13 00-0009	EA	10 HP Pump, Three Phase With 200' Cord	7,814.88	198.82
13 12 13 00-0010	EA	15 HP Pump, Three Phase With 200' Cord	9,888.99	204.35
13 12 13 00-0011	EA	Aerator Nozzle	935.40	92.04

13 20 Special Purpose Rooms *(13)*

13 21 Controlled Environment Rooms *(13 20)*

13 21 26 Cold Storage Rooms *(13 21)*

13 21 26 13 Walk-in Coolers *(13 21 26)*

See CSI section 11 41 23 00-0000 for walk-in coolers.

13 30 Special Structures *(13)*

13 34 Fabricated Engineered Structures *(13 30)*

13 34 16 Grandstands and Bleachers *(13 34)*

13 34 16 13 Grandstands *(13 34 16)*

13 34 16 13-0001 Permanent Grandstands, Wood Seat, Steel Frame *(13 34 16 13)*

13 34 16 13-0002 3 To 15 Tiers *(13 34 16 13-0001)*

13 34 16 13-0003	SEA	3-15 Tier Permanent Grandstand Price Per Seat	92.40	10.67

13 34 16 13-0004 16 To 30 Tiers *(13 34 16 13-0001)*

13 34 16 13-0005	SEA	16-30 Tier Permanent Grandstand Price Per Seat	138.03	12.00

13 40 Integrated Construction *(13)*

13 46 Lightning Protection Systems *(13 40)*

13 46 13 Lightning Protection for Structures *(13 46)*

13 46 13 00-0001 Lightning Protection *(13 46 13)*

See CSI section 26 05 26 00-0001 for conductors.

13 46 13 00-0002 Air Terminals For Lightning Protection *(13 46 13 00-0001)*

13 46 13 00-0003 Copper Lightning Protection Air Terminals *(13 46 13 00-0002)*

13 46 13 00-0004	EA	3/8" x 10" Copper Lightning Protection Air Terminal	68.79	11.59

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13 46 13 00-0005	EA	1/2" x 12" Copper Lightning Protection Air Terminal	85.46	11.59
13 46 13 00-0006	EA	5/8" x 12" Copper Lightning Protection Air Terminal	111.40	11.59
13 46 13 00-0007	EA	1/2" x 24" Copper Lightning Protection Air Terminal	123.85	11.59
13 46 13 00-0008	EA	1/2" x 60" Copper Lightning Protection Air Terminal	240.69	23.18
13 46 13 00-0009		**Aluminum Lightning Protection Air Terminals** *(13 46 13 00-0002)*		
13 46 13 00-0010	EA	3/8" x 10" Aluminum Lightning Protection Air Terminal	84.29	11.59
13 46 13 00-0011	EA	1/2" x 12" Aluminum Lightning Protection Air Terminal	107.26	11.59
13 46 13 00-0012	EA	5/8" x 12" Aluminum Lightning Protection Air Terminal	137.41	11.59
13 46 13 00-0013	EA	1/2" x 24" Aluminum Lightning Protection Air Terminal	152.56	11.59
13 46 13 00-0014	EA	1/2" x 60" Aluminum Lightning Protection Air Terminal	299.75	23.18
13 46 13 00-0015		**Terminal Bases For Lightning Protection** *(13 46 13 00-0001)*		
13 46 13 00-0016		**Copper Lightning Protection Terminal Bases** *(13 46 13 00-0015)*		
13 46 13 00-0017	EA	Adhesive Base For Copper Lightning Protection Terminal	92.08	34.77
13 46 13 00-0018	EA	Bolted Base For Copper Lightning Protection Terminal	121.11	46.36
13 46 13 00-0019	EA	Hinged Base For Copper Lightning Protection Terminal	163.70	57.95
13 46 13 00-0020	EA	Side Mounted Base For Copper Lightning Protection Terminal	121.11	46.36
13 46 13 00-0021	EA	Offset Point Support For Copper Lightning Protection Terminal	129.43	46.36
13 46 13 00-0022	EA	Concealed Base Assembly For Copper Lightning Protection Terminal	229.33	92.72
13 46 13 00-0023	EA	36" Tripod Base For 60" Copper Lightning Protection Terminal	161.52	57.95
13 46 13 00-0024	EA	Intermediate Base For Copper Lightning Protection Terminal	92.08	34.77
13 46 13 00-0025		**Aluminum Lightning Protection Terminal Bases** *(13 46 13 00-0015)*		
13 46 13 00-0026	EA	Adhesive Base For Aluminum Lightning Protection Terminal	97.51	34.77
13 46 13 00-0027	EA	Bolted Base For Aluminum Lightning Protection Terminal	128.52	46.36
13 46 13 00-0028	EA	Hinged Base For Aluminum Lightning Protection Terminal	175.84	57.95
13 46 13 00-0029	EA	Side Mounted Base For Aluminum Lightning Protection Terminal	129.05	46.36
13 46 13 00-0030	EA	Offset Point Support For Aluminum Lightning Protection Terminal	136.44	46.36
13 46 13 00-0031	EA	Concealed Base Assembly For Aluminum Lightning Protection Terminal	245.54	92.72
13 46 13 00-0032	EA	36" Tripod Base For 60" Aluminum Lightning Protection Terminal	172.76	57.95
13 46 13 00-0033	EA	Intermediate Base For Aluminum Lightning Protection Terminal	97.51	34.77
13 46 13 00-0034		**Connectors** *(13 46 13 00-0001)*		
13 46 13 00-0035		**Copper Cable Connectors** *(13 46 13 00-0034)*		
13 46 13 00-0036	EA	Thru Wall Cable Connector For Copper Lightning Protection System	185.71	57.95
13 46 13 00-0037	EA	Thru Roof Adapter Assembly For Copper Lightning Protection System	251.80	92.72
13 46 13 00-0038	EA	Beam Connector For Copper Lightning Protection System	165.21	57.95
13 46 13 00-0039	EA	Double Bolt Cable Connector For Copper Lightning Protection System	39.84	11.59
13 46 13 00-0040	EA	Cable To Bar Connector For Copper Lightning Protection System	41.02	11.59
13 46 13 00-0041	EA	Tee Connector For Copper Lightning Protection Terminal	124.42	34.77
13 46 13 00-0042		**Aluminum Cable Connectors** *(13 46 13 00-0034)*		
13 46 13 00-0043	EA	Thru Wall Cable Connector For Aluminum Lightning Protection System	198.54	57.95
13 46 13 00-0044	EA	Thru Roof Adapter Assembly For Aluminum Lightning Protection System	275.89	92.72
13 46 13 00-0045	EA	Beam Connector For Aluminum Lightning Protection System	182.70	57.95
13 46 13 00-0046	EA	Double Bolt Cable Connector For Aluminum Lightning Protection System	44.93	11.59
13 46 13 00-0047	EA	Tee Connector For Aluminum Lightning Protection Terminal	132.60	34.77
13 46 13 00-0048		**Bonding Plates** *(13 46 13 00-0001)*		
13 46 13 00-0049		**Copper Bonding Plates** *(13 46 13 00-0048)*		
13 46 13 00-0050	EA	8" Square I Beam Bonding Plate For Copper Lightning Protection System	145.40	57.95
13 46 13 00-0051	EA	8" Square Purlin Bonding Plate For Copper Lightning Protection System	150.48	57.95
13 46 13 00-0052	EA	16" Square Bonding Plate For Copper Lightning Protection System	221.20	92.72
13 46 13 00-0053		**Aluminum Bonding Plates** *(13 46 13 00-0048)*		
13 46 13 00-0054	EA	8" Square I Beam Bonding Plate For Aluminum Lightning Protection System	148.39	57.95
13 46 13 00-0055	EA	8" Square Purlin Bonding Plate For Aluminum Lightning Protection System	156.83	57.95
13 46 13 00-0056	EA	16" Square Bonding Plate For Aluminum Lightning Protection System	223.89	92.72
13 46 13 00-0057		**Cable Supports** *(13 46 13 00-0001)*		
13 46 13 00-0058		**Copper Cable Supports** *(13 46 13 00-0057)*		
13 46 13 00-0059	EA	Loop Fastener, Copper Cable Supports For Lightning Protection System	26.69	11.59
13 46 13 00-0060	EA	Adhesive Cable Holder, Copper Cable Support For Lightning Protection System	27.26	11.59
13 46 13 00-0061		**Aluminum Cable Supports** *(13 46 13 00-0057)*		
13 46 13 00-0062	EA	Loop Fastener, Aluminum Cable Supports For Lightning Protection System	26.23	11.59

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13 46 13 00-0063	EA	Adhesive Cable Holder, Aluminum Cable Support For Lightning Protection System	26.04	11.59
13 46 13 00-0064		Bonding Straps *(13 46 13 00-0001)*		
13 46 13 00-0065		Copper Bonding Straps *(13 46 13 00-0064)*		
13 46 13 00-0066	EA	3/4" x 9-1/2" Flex Braided Strap For Copper Lightning Protection System	76.80	34.77
13 46 13 00-0067		Aluminum Bonding Straps *(13 46 13 00-0064)*		
13 46 13 00-0068	EA	3/4" x 9-1/2" Flex Braided Strap For Aluminum Lightning Protection System	79.56	34.77
13 46 13 00-0069		Accessories For Lightning Protection *(13 46 13 00-0001)*		
		See CSI section 26 05 26 00-0001 for conductors straps and conduit jumpers.		
13 46 13 00-0070		Copper Adapters *(13 46 13 00-0069)*		
13 46 13 00-0071	EA	Swivel Adapters For Copper Lightning Protection System	30.42	5.79
13 46 13 00-0072		Aluminum Adapters *(13 46 13 00-0069)*		
13 46 13 00-0073	EA	Swivel Adapters For Aluminum Lightning Protection System	40.97	5.79
13 46 13 00-0074	EA	Floor Ground Receptacle For Aluminum Lightning Protection System	187.83	57.95

13 47 Facility Protection *(13 40)*

13 47 13 Cathodic Protection *(13 47)*

13 47 13 13 Cathodic Protection for Underground and Submerged Piping *(13 47 13)*

13 47 13 13-0001		Anodes *(13 47 13 13)*		
13 47 13 13-0002		Magnesium Type, Conventional *(13 47 13 13-0001)*		
13 47 13 13-0003	EA	9 LB Magnesium Type Anodes	380.69	165.88
13 47 13 13-0004	EA	17 LB Magnesium Type Anodes	565.15	239.76
13 47 13 13-0005	EA	32 LB Magnesium Type Anode	772.57	308.44
13 47 13 13-0006	EA	48 LB Magnesium Type Anode	1,100.43	431.55
13 47 13 13-0007		Graphite Type *(13 47 13 13-0001)*		
		Note: Includes epoxy cap.		
13 47 13 13-0008	EA	3" x 60" (32 LB) Graphite Type Anodes With Epoxy Cap	574.53	235.07
13 47 13 13-0009	EA	4" x 80" (68 LB) Graphite Type Anodes With Epoxy Cap	897.62	328.25
13 47 13 13-0010	EA	6" x 36" (45 LB) Graphite Type Anodes With Epoxy Cap	678.19	205.43
13 47 13 13-0011	EA	6" x 72" (80 LB) Graphite Type Anodes With Epoxy Cap	1,041.97	274.25
13 47 13 13-0012		Rectifiers *(13 47 13 13)*		
13 47 13 13-0013		Air Cooled, Silicon Type *(13 47 13 13-0012)*		
13 47 13 13-0014	EA	Air Cooled Rectifiers, 28 Volt, 10 Amperes, Silicon Type	2,087.47	333.80
13 47 13 13-0015	EA	Air Cooled Rectifiers, 20 Volt / 20 Amperes, Silicon Type	2,264.61	333.80
13 47 13 13-0016		Oil Immersed, Silicon Type *(13 47 13 13-0012)*		
13 47 13 13-0017	EA	Oil Immersed Rectifiers, 28 Volt, 10 Amperes, Silicon Type	3,174.66	385.96
13 47 13 13-0018	EA	Oil Immersed Rectifiers, 20 Volt / 20 Amperes, Silicon Type	3,364.45	385.96
13 47 13 13-0019		Anode Backfill *(13 47 13 13)*		
13 47 13 13-0020	LB	Anode Backfill, Coke Breeze	1.12	0.42
13 47 13 13-0021		Cathodic Protection Cable *(13 47 13 13)*		
13 47 13 13-0022	MLF	Cathodic Protection Cable, OR2 - No 8	2,213.15	821.69
13 47 13 13-0023	MLF	Cathodic Protection Cable, OR2 - No 6	2,465.75	821.69
13 47 13 13-0024	MLF	Cathodic Protection Cable, OR2 - No 4	2,844.65	821.69
13 47 13 13-0025	MLF	Cathodic Protection Cable, OR2 - No 2	3,476.15	821.69
13 47 13 13-0026	MLF	Cathodic Protection Cable, OR2 - No 1	4,333.47	905.34
13 47 13 13-0027	MLF	Cathodic Protection Cable, OR2-No 1/0	4,807.10	905.34
13 47 13 13-0028	MLF	Cathodic Protection Cable, OR2-No 2/0	5,596.48	905.34
13 47 13 13-0029	MLF	Cathodic Protection Cable, OR2-No 4/0	7,653.32	986.88
13 47 13 13-0030		Cathodic Test Stations *(13 47 13 13)*		
13 47 13 13-0031		Flush Curb Box Type With Lockable Cover And Terminal Box *(13 47 13 13-0030)*		
13 47 13 13-0032	EA	Cathodic Test Station, Flush Curb Type With Lockable Cover	296.89	96.20

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

13 47 13 16 Cathodic Protection for Underground Storage Tanks *(13 47 13)*

See CSI section 13 47 13 13-0000 for cathodic protection for tanks.

END OF SECTION 13

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

14 Conveying Equipment

14 01 Operation and Maintenance of Conveying Equipment *(14)*

14 01 20 Operation and Maintenance of Elevators *(14 01)*

14 01 20 71 Elevator Rehabilitation *(14 01 20)*

14 01 20 71-0001 Elevator Maintenance *(14 01 20 71)*

14 01 20 71-0002	EA	Regular Routine Elevator Inspection, Traction Up to 10 floors (Sufficient for Issue of Certificate/Permit)	523.78	
14 01 20 71-0003	EA	Regular Routine Elevator Inspection, Traction Over 10 floors (Sufficient for Issue of Certificate/Permit)	698.37	
14 01 20 71-0004	EA	Regular Routine Elevator Inspection, Hydraulic (Sufficient for Issue of Certificate/Permit)	436.48	
14 01 20 71-0005	EA	Regular Routine Elevator Inspection, Roped Hydraulic (Sufficient for Issue of Certificate/Permit)	436.48	
14 01 20 71-0006	EA	Regular Routine Elevator Inspection, Dumbwaiter/Cart Lifts (Sufficient for Issue of Certificate/Permit)	261.89	
14 01 20 71-0007	HR	Elevator Servicing - Hydraulic, Labor Only	171.68	
14 01 20 71-0008	HR	Elevator Servicing - Traction, Labor Only	214.60	
14 01 20 71-0009	EA	Annual Category 1 Test for Traction Up to 10 floors	1,247.75	
14 01 20 71-0010	EA	Annual Category 1 Test for Traction Over 10 floors	1,559.68	
14 01 20 71-0011	EA	Annual Category 1 Test for Hydraulic Elevator	623.87	
14 01 20 71-0012	EA	Annual Category 1 Test for Roped Hydraulic Elevator	1,403.72	
14 01 20 71-0013	EA	Annual Category 1 Test for Dumbwaiter/Cart Lifts	935.81	
14 01 20 71-0014	EA	Full Load Test for Traction Up to 10 floors	2,183.56	
14 01 20 71-0015	EA	Full Load Test for Traction Over 10 floors	2,495.49	
14 01 20 71-0016	EA	Full Load Test for Hydraulic Elevator	1,871.62	
14 01 20 71-0017	EA	Full Load Test for Roped Hydraulic Elevator	2,339.52	
14 01 20 71-0018	EA	Full Load Test for Dumbwaiter/Cart Lifts	1,247.75	
14 01 20 71-0019	EA	Acceptance Test for Traction Up to 10 floors	1,971.69	
14 01 20 71-0020	EA	Acceptance Test for Traction Over 10 floors	2,218.15	
14 01 20 71-0021	EA	Acceptance Test for Hydraulic Elevator	1,971.69	
14 01 20 71-0022	EA	Acceptance Test for Roped Hydraulic Elevator	1,971.69	
14 01 20 71-0023	EA	Acceptance Test for Dumbwaiter/Cart Lifts	1,971.69	

14 01 20 71-0024 Elevator Modernization *(14 01 20 71)*

14 01 20 71-0025	EA	5" Piston Replacement (Hydraulic) Unit Up To 3 Stories (2,000 LB x 50 FPM) Note: Includes replacing existing piston/cylinder, 10 3/4" Sealed PVC, pit channel and buffers.	42,185.32	9,098.96
		For Union-Guard Cathotic Protection, Add	*9,153.08*	
		Note: Includes Pump.		
		For An Additional Stop, Add	*9,648.78*	
		Note: Includes Removal.		
14 01 20 71-0026	EA	6" Piston Replacement (Hydraulic) Unit Up To 3 Stories (2,000 LB x 50 FPM) Note: Includes replacing existing piston/cylinder, 10 3/4" Sealed PVC, pit channel and buffers.	45,522.97	10,994.58
		For Union-Guard Cathotic Protection, Add	*9,247.08*	
		Note: Includes Pump.		
		For An Additional Stop, Add	*10,254.96*	
		Note: Includes Removal.		
14 01 20 71-0027	EA	8" Piston Replacement (Hydraulic) Unit Up To 3 Stories (2,000 LB x 50 FPM) Note: Includes replacing existing piston/cylinder, 12 3/4" Sealed PVC, pit channel and buffers.	54,042.84	12,511.08
		For Union-Guard Cathotic Protection, Add	*10,751.16*	
		Note: Includes Pump.		
		For An Additional Stop, Add	*13,203.53*	
		Note: Includes Removal.		
14 01 20 71-0028	EA	Removal And Replacement Of Hydraulic Control (Maxton) Valve	5,663.81	
14 01 20 71-0029	EA	5 Gallon Container Of Hydraulic Oil For Elevator Modernization	76.28	
14 01 20 71-0030	EA	55 Gallon Container Of Hydraulic Oil For Elevator Modernization	840.50	
14 01 20 71-0031	SET	Car Roller Guide Assembly, Set Of Four Note: Includes cover plate.	4,413.18	758.25
14 01 20 71-0032	SET	CWT Roller Guide Assembly, Set Of Four Note: Includes cover plate.	3,743.11	758.25
14 01 20 71-0033	EA	8" Wide New Entrance With Frame, Header, Doors, And Hangers - Single Slide Door With Baked Enamel Finish Note: Excludes buildback.	8,186.73	
14 01 20 71-0034	EA	8" Wide New Entrance With Frame, Header, Doors, And Hangers - Single Slide Door With Satin Stainless Finish Note: Excludes buildback.	8,938.77	
14 01 20 71-0035	EA	8" Wide New Entrance With Frame, Header, Doors, And Hangers - Center Opening With Baked Enamel Finish Note: Excludes buildback.	8,669.92	
14 01 20 71-0036	EA	8" Wide New Entrance With Frame, Header, Doors, And Hangers - Center Opening With Satin Stainless Finish Note: Excludes buildback.	9,421.96	
14 01 20 71-0037	SF	Epoxy Aggregate, Elevator Cab Flooring Note: SF cost not applicable for partial cab flooring.	93.20	21.67
14 01 20 71-0038	SF	Aluminum Diamond Plate, Elevator Cab Flooring Note: SF cost not applicable for partial cab flooring.	79.85	21.67
14 01 20 71-0039	SF	1/8" Thick, Vinyl Composition Tile (VCT), Elevator Cab Flooring	14.28	2.85
14 01 20 71-0040	EA	Solid State Starting (Soft Start)	6,406.31	568.69
14 01 20 71-0041	EA	Pump Unit (Tank, Valve, Oil, Motor And Victaulic Fittings)	20,743.17	3,175.16
14 01 20 71-0042	EA	Hoistway Door Hanger Set (Rollers, Eccentrics And Track), Single Speed Side Slide (GAL Manufacturing)	2,539.47	758.25
14 01 20 71-0043	EA	Hoistway Door Closer Set (Spring Closer), Single Speed Side Slide (GAL Manufacturing)	474.63	189.56
14 01 20 71-0044	EA	Hoistway Door Closer Set (Spirator Closer), Single Speed Side Slide (GAL)	463.72	379.12
14 01 20 71-0045	EA	Hoistway Door Interlock Set, Single Speed Side Slide (GAL Manufacturing)	640.38	331.74
14 01 20 71-0046	EA	Hoistway Door Hanger Set (Rollers, Eccentrics And Track), Single Speed Center Opening (GAL Manufacturing)	3,053.72	758.25
14 01 20 71-0047	EA	Hoistway Door Closer Set (Spring Closer), Single Speed Center Opening (GAL Manufacturing)	636.47	350.69

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
14 01 20 71-0048	EA	Hoistway Door Closer Set (Spirator Closer), Single Speed Center Opening (GAL)	463.72	379.12
14 01 20 71-0049	EA	Hoistway Door Interlock Set, Single Speed Center Opening (GAL Manufacturing)	783.34	379.12
14 01 20 71-0050	EA	Fire Service Key Switch Controller	3,985.64	758.25
14 01 20 71-0051	EA	ADA Telephone (Rath Microtech)	1,253.99	379.12
14 01 20 71-0052	EA	Car Door Operator With ADA Buzzer, Single Speed Side Slide (GAL Manufacturing)	9,005.32	1,516.50
14 01 20 71-0053	EA	Car Door Operator With ADA Buzzer, Single Speed Center Opening (GAL Manufacturing)	9,719.76	1,516.50
14 01 20 71-0054	EA	Car Door Safety Edge (Infrared Proximity Type Edge)	2,818.00	379.12
14 01 20 71-0055	EA	Car Operating Panel (ADA, Fire, Position, Chime)	9,512.94	1,516.50
14 01 20 71-0056	EA	Car Position LED Indicator And Cover Plate, Stainless Steel	2,027.32	379.12
14 01 20 71-0057	EA	Car Traveling Lanterns With Audible Signal	1,757.80	379.12
14 01 20 71-0058	EA	Hoistway Door Jamb Floor Tags (Braille)	257.24	189.56
14 01 20 71-0059	EA	Lobby Vandal Resistant Call Station	1,654.40	379.12
14 01 20 71-0060	LF	Traveling Cable (4 - #14 AWG, 69 - #18 AWG, 1 Shielded Pair, 2 Co-Axial) Note: Excludes Removal and Replacement of Material. See CSI section 14 01 20 71-0061 for Removal and Replacement of Traveling Cable.	21.73	
14 01 20 71-0061	EA	Removal And Replacement Of Traveling Cable (4 - #14 AWG, 69 - #18 AWG, 1 Shielded Pair, 2 Co-Axial) Note: Excludes Traveling Cable material. See CSI section 14 01 20 71-0060 for Traveling Cable material.	6,065.98	3,032.98
14 01 20 71-0062	LF	Governor Cable Note: Removal and Replacement of Governor Cable is part of Traveling Cable Removal and Replacement.	1.69	
14 01 20 71-0063	EA	Elevator Cab Wall Coverings (3,500 Lb. Capacity: 6'-8" x 5'-5" Cab), Plastic Laminate - Hang On Panels	6,790.09	758.25
14 01 20 71-0064	EA	Elevator Cab Wall Coverings (3,500 Lb. Capacity: 6'-8" x 5'-5" Cab), Rigid Stainless Steel - Hang On Panels	9,798.25	758.25
14 01 20 71-0065	EA	Removal And Replacement Of Governor	5,696.53	758.25
14 01 20 71-0066	EA	Removal And Replacement Of Car Station	9,061.72	1,516.50
14 01 20 71-0067	EA	Removal And Replacement Of Telephone	1,898.81	379.12
14 01 20 71-0068	EA	Removal And Replacement Of Hall Lanterns	1,416.29	379.12
14 01 20 71-0069	EA	Hall Call Buttons, Vandal Resistant	1,134.27	379.12
14 01 20 71-0070	EA	Hall Traveling Lanterns With Audible Signal	1,795.41	379.12
14 01 20 71-0071	EA	Add Raised Character (Braille) Signage To Control Panel	211.56	189.56
14 01 20 71-0072	EA	New Microprocessor Based Controller (Non-Proprietary)	48,393.05	6,065.98
14 01 20 71-0073	EA	New Steel Shell And Canopy (Excludes Plastic Panels), For 5' x 7' Cab	27,899.96	6,065.98
14 01 20 71-0074	EA	New Steel Shell, Canopy And Platform (Excludes Plastic Laminate), For 5' x 7' Cab	43,366.44	6,065.98
14 01 20 71-0075	EA	Removal And Replacement Of Elevator/Hoistway Doors (Single Slide Door Arrangment), Baked Enamel	3,515.62	
14 01 20 71-0076	EA	Removal And Replacement Of Elevator/Hoistway Doors (Center Opening Door Arrangment), Baked Enamel	3,722.43	
14 01 20 71-0077	EA	Removal And Replacement Of Elevator/Hoistway Doors (Single Slide Door Arrangment), Stainless Steel	3,949.92	
14 01 20 71-0078	EA	Removal And Replacement Of Elevator/Hoistway Doors (Center Opening Door Arrangment), Stainless Steel	4,198.09	
14 01 20 71-0079	EA	Elevator Pit Ladder, Steel Note: Labor cost is for bolting to concrete pit wall.	3,308.81	379.12
14 01 20 71-0080	EA	New Steel Shell, Canopy, Platform, Standard Cab Plastic Laminate, For 5' x 7' Cab	53,919.83	6,065.98
14 01 20 71-0081	LF	Removal And Replacement Of Hoisting Cable, 3/8" - Liftpac, Bethlehem Wire Rope Minimum Breaking Strength (Tons): Traction Steel - 4.5, EHS Traction Steel - 5.5 Note: Labor cost is for replacement of set of 4 ropes and rise of 40 feet.	139.12	
14 01 20 71-0082	LF	Removal And Replacement Of Hoisting Cable, 1/2" - Liftpac, Bethlehem Wire Rope Minimum Breaking Strength (Tons): Traction Steel - 6.0, EHS Traction Steel - 9.7 Note: Labor cost is for replacement of set of 4 ropes and rise of 40 feet.	148.31	
14 01 20 71-0083	LF	Removal And Replacement Of Hoisting Cable, 5/8" - Liftpac, Bethlehem Wire Rope Minimum Breaking Strength (Tons): Traction Steel - 12.7, EHS Traction Steel - 15.4 Note: Labor cost is for replacement of set of 4 ropes and rise of 40 feet.	154.60	
14 01 20 71-0084	EA	Hydraulic Leak Detector And Alarm in Elevator Pit (Stancor Oil Minder - 0.5 HP)	9,847.79	758.25
14 01 20 71-0085	EA	6" Wide Elevator Door Jamb And Header Wrapped With 0.030" Stainless Steel (42" x 84" Opening) Note: Cladding typically done by metal company.	3,966.84	758.25
14 01 20 71-0086	EA	8" Wide Elevator Door Jamb And Header Wrapped With 0.030" Stainless Steel (42" x 84" Opening) Note: Cladding typically done by metal company.	4,060.85	758.25
14 01 20 71-0087	EA	10" Wide Elevator Door Jamb And Header Wrapped With 0.030" Stainless Steel (42" x 84" Opening) Note: Cladding typically done by metal company.	4,154.85	758.25
14 01 20 71-0088	EA	12" Wide Elevator Door Jamb And Header Wrapped With 0.030" Stainless Steel (42" x 84" Opening) Note: Cladding typically done by metal company.	4,267.66	758.25
14 01 20 71-0089	EA	"Rope Gripper" With Pumping Unit For Use On 4-7/8" Maximum Out to Out Of Cable	8,855.10	758.25
14 01 20 71-0090	EA	"Rope Gripper" With Pumping Unit For Use On 6" Maximum Out to Out Of Cable	8,855.10	758.25
14 01 20 71-0091	EA	"Rope Gripper" With Pumping Unit For Use On 10" Maximum Out to Out Of Cable	12,615.30	758.25
14 01 20 71-0092	EA	"Rope Gripper" With Pumping Unit For Use On 11-1/2" Maximum Out to Out Of Cable	14,495.40	758.25
14 01 20 71-0093	EA	60 Amperes, Elevator Disconnect Switch, 3 Phase, 480 - 120 Volt, Firesafety Interface Relay, Mechanical Interlock	5,051.56	163.41
14 01 20 71-0094	EA	100 Amperes, Elevator Disconnect Switch, 3 Phase, 480 - 120 Volt, Firesafety Interface Relay, Mechanical Interlock	5,271.45	196.10
14 01 20 71-0095	EA	200 Amperes, Elevator Disconnect Switch, 3 Phase, 480 - 120 Volt, Firesafety Interface Relay, Mechanical Interlock	7,013.22	228.78
14 01 20 71-0096	EA	Aluminum Handrail Spacers With Set Screw	228.61	189.56
14 01 20 71-0097	EA	Bronze Handrail Spacers With Set Screw	233.82	189.56
14 01 20 71-0098	LF	1/2" x 2" Round Stainless Steel Elevator Handrail	157.82	44.61
14 01 20 71-0099	LF	3/8" x 2" Flat Bar Stainless Steel Elevator Handrail, Brushed Finish	151.69	44.61
14 01 20 71-0100	LF	3/8" x 3" Flat Bar Stainless Steel Elevator Handrail, Brushed Finish	180.35	44.61
14 01 20 71-0101	LF	3/8" x 2" Flat Bar Stainless Steel Elevator Handrail, Mirror Finish	199.75	44.61
14 01 20 71-0102	LF	3/8" x 3" Flat Bar Stainless Steel Elevator Handrail, Mirror Finish	228.63	44.61
14 01 20 71-0103	LF	3/8" x 2" Flat Bar Bronze Steel Elevator Handrail, Brushed Finish	183.96	44.61
14 01 20 71-0104	LF	3/8" x 3" Flat Bar Bronze Steel Elevator Handrail, Brushed Finish	209.45	44.61
14 01 20 71-0105	LF	3/8" x 2" Flat Bar Bronze Steel Elevator Handrail, Mirror Finish	326.43	44.61
14 01 20 71-0106	LF	3/8" x 3" Flat Bar Bronze Steel Elevator Handrail, Mirror Finish	366.89	44.61
14 01 20 71-0107	LF	3/8" x 1-1/2" Diameter Tubular Stainless Steel Elevator Handrail, Brushed Finish	150.72	44.61
14 01 20 71-0108	LF	3/8" x 2" Diameter Tubular Stainless Steel Elevator Handrail, Brushed Finish	152.28	44.61
14 01 20 71-0109	LF	3/8" x 2-1/2" Diameter Tubular Stainless Steel Elevator Handrail, Brushed Finish	194.64	44.61
14 01 20 71-0110	LF	3/8" x 1-1/2" Diameter Tubular Stainless Steel Elevator Handrail, Mirror Finish	182.15	44.61
14 01 20 71-0111	LF	3/8" x 2" Diameter Tubular Stainless Steel Elevator Handrail, Mirror Finish	195.46	44.61
14 01 20 71-0112	LF	3/8" x 2-1/2" Diameter Tubular Stainless Steel Elevator Handrail, Mirror Finish	245.12	44.61

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
14 01 20 71-0113	LF	3/8" x 1-1/2" Diameter Tubular Bronze Steel Elevator Handrail, Brushed Finish	188.47	44.61
14 01 20 71-0114	LF	3/8" x 2" Diameter Tubular Bronze Steel Elevator Handrail, Brushed Finish	192.76	44.61
14 01 20 71-0115	LF	3/8" x 2-1/2" Diameter Tubular Bronze Steel Elevator Handrail, Brushed Finish	323.39	44.61
14 01 20 71-0116	LF	3/8" x 1-1/2" Diameter Tubular Bronze Steel Elevator Handrail, Mirror Finish	211.93	44.61
14 01 20 71-0117	LF	3/8" x 2" Diameter Tubular Bronze Elevator Handrail, Mirror Finish	324.21	44.61
14 01 20 71-0118	LF	3/8" x 2-1/2" Diameter Tubular Bronze Elevator Handrail, Mirror Finish	366.89	44.61

14 01 30 Operation and Maintenance of Escalators and Moving Walks *(14 01)*

14 01 30 71 Escalators and Moving Walks Rehabilitation *(14 01 30)*

14 01 30 71-0001 Maintenance *(14 01 30 71)*

14 01 30 71-0002	EA	Regular Escalator Inspection (Sufficient For Issue Of Certificate/Permit)	732.72
14 01 30 71-0003	HR	Escalator Servicing, Labor Only	171.68
14 01 30 71-0004	EA	Acceptance Test Of Escalators And Moving Walks	4,029.96

14 01 30 71-0005 Modernization *(14 01 30 71)*

14 01 30 71-0006	EA	Removal And Replacement Of 28" Wide Escalator Stair Tread	1,925.44
14 01 30 71-0007	EA	Removal And Replacement Of 36" Wide Escalator Stair Tread	2,064.36
14 01 30 71-0008	EA	Removal And Replacement Of 48" Wide Escalator Stair Tread	2,166.74
14 01 30 71-0009	EA	Removal And Replacement Of 54" Wide Escalator Stair Tread	2,337.50
14 01 30 71-0010	LF	Removal And Replacement Of Sliding Handrail	180.32

14 20 Elevators *(14)*

Note: Excludes final electrical work or shaft walls.

14 21 Electric Traction Elevators *(14 20)*

14 21 13 Electric Traction Freight Elevators *(14 21)*

14 21 13 00-0001 Electric Traction Freight Elevators *(14 21 13)*

Note: Painted metal shaft doors and steel painted cab. Unit prices based on a shaft of 6 stops (12 feet floor to floor) and 6 openings with power doors.

14 21 13 00-0002	EA	Electric Traction Freight Elevator, 4,000 LB x 200 FPM, 6 Stops, 6 Openings	357,063.87
		For Each Opening With Bonderized Steel Door, Add	*276.94*
		For Each Opening With Stainless Steel Doors, Add	*692.35*
		For Each Opening With Two Speed Doors, Add	*830.82*
		For Custom Plastic Laminated Cab Interiors, Add	*3,672.00*
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*5,508.00*
		For Stainless Steel Cab Interior, Add	*7,344.00*
		For Elevator With Manual Door, Deduct	*-10,000.00*
		For Class "C-1" Loading, Add	*1,529.39*
		For Class "C-2" Loading, Add	*1,836.00*
		For Class "C-3" Loading, Add	*2,511.65*
		For Removal Of Existing Stop, Add	*8,047.91*
		For Each Additional Stop, Add	*32,964.61*
		For Each Floor < 6 Stops, Deduct	*-29,089.81*
		For Each Additional 50 FPM, Add	*5,508.00*
		For Removal Of Existing Elevator, Add	*40,239.56*
14 21 13 00-0003	EA	Electric Traction Freight Elevator, 5,000 LB x 200 FPM, 6 Stops, 6 Openings	377,657.01
		For Each Opening With Bonderized Steel Door, Add	*276.94*
		For Each Opening With Stainless Steel Doors, Add	*692.35*
		For Each Opening With Two Speed Doors, Add	*830.82*
		For Custom Plastic Laminated Cab Interiors, Add	*3,672.00*
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*5,508.00*
		For Stainless Steel Cab Interior, Add	*7,344.00*
		For Elevator With Manual Door, Deduct	*-10,000.00*
		For Class "C-1" Loading, Add	*3,058.78*
		For Class "C-2" Loading, Add	*3,672.00*
		For Class "C-3" Loading, Add	*5,089.39*
		For Removal Of Existing Stop, Add	*8,047.91*
		For Each Additional Stop, Add	*32,964.61*
		For Each Floor < 6 Stops, Deduct	*-29,089.81*
		For Each Additional 50 FPM, Add	*5,508.00*
		For Removal Of Existing Elevator, Add	*40,239.56*
14 21 13 00-0004	EA	Electric Traction Freight Elevator, 6,000 LB x 200 FPM, 6 Stops, 6 Openings	399,794.85
		For Elevator With Manual Door, Deduct	*-10,000.00*
		For Class "C-1" Loading, Add	*3,058.78*
		For Class "C-2" Loading, Add	*3,672.00*
		For Class "C-3" Loading, Add	*5,089.39*
		For Custom Plastic Laminated Cab Interiors, Add	*4,590.00*
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*6,426.00*
		For Stainless Steel Cab Interior, Add	*8,262.00*
		For Removal Of Existing Stop, Add	*8,047.91*
		For Each Additional Stop, Add	*33,882.61*
		For Each Additional 50 FPM, Add	*5,508.00*
		For Each Opening With Bonderized Steel Door, Add	*275.40*
		For Each Opening With Stainless Steel Doors, Add	*550.80*
		For Each Opening With Two Speed Doors, Add	*688.50*
		For Removal Of Existing Elevator, Add	*40,239.56*
		For Each Floor < 6 Stops, Deduct	*-30,089.81*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
14 21 13 00-0005	EA	Electric Traction Freight Elevator, 7,000 LB x 200 FPM, 6 Stops, 6 Openings	409,409.67	
		For Elevator With Manual Door, Deduct	*-10,000.00*	
		For Class "C-1" Loading, Add	*3,058.78*	
		For Class "C-2" Loading, Add	*3,672.00*	
		For Class "C-3" Loading, Add	*5,089.39*	
		For Custom Plastic Laminated Cab Interiors, Add	*4,590.00*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*6,426.00*	
		For Stainless Steel Cab Interior, Add	*8,262.00*	
		For Removal Of Existing Stop, Add	*8,047.91*	
		For Each Additional Stop, Add	*33,882.61*	
		For Each Additional 50 FPM, Add	*5,508.00*	
		For Each Opening With Bonderized Steel Door, Add	*275.40*	
		For Each Opening With Stainless Steel Doors, Add	*550.80*	
		For Each Opening With Two Speed Doors, Add	*688.50*	
		For Removal Of Existing Elevator, Add	*40,239.56*	
		For Each Floor < 6 Stops, Deduct	*-30,089.81*	
14 21 13 00-0006	EA	Electric Traction Freight Elevator, 8,000 LB x 200 FPM, 6 Stops, 6 Openings	422,112.14	
		For Elevator With Manual Door, Deduct	*-10,000.00*	
		For Each Additional 50 FPM, Add	*13,847.00*	
		For Class "C-1" Loading, Add	*6,119.39*	
		For Class "C-2" Loading, Add	*7,344.00*	
		For Class "C-3" Loading, Add	*10,046.59*	
		For Removal Of Existing Stop, Add	*8,047.91*	
		For Each Additional Stop, Add	*33,882.61*	
		For Each Opening With Bonderized Steel Door, Add	*367.20*	
		For Each Opening With Stainless Steel Doors, Add	*642.60*	
		For Each Opening With Two Speed Doors, Add	*780.30*	
		For Custom Plastic Laminated Cab Interiors, Add	*5,508.00*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*7,344.00*	
		For Stainless Steel Cab Interior, Add	*9,180.00*	
		For Removal Of Existing Elevator, Add	*40,239.56*	
		For Each Floor < 6 Stops, Deduct	*-30,089.81*	
14 21 13 00-0007	EA	Electric Traction Freight Elevator, 10,000 LB x 200 FPM, 6 Stops, 6 Openings	436,642.02	
		For Elevator With Manual Door, Deduct	*-10,000.00*	
		For Each Additional 50 FPM, Add	*13,847.00*	
		For Class "C-1" Loading, Add	*6,119.39*	
		For Class "C-2" Loading, Add	*7,344.00*	
		For Class "C-3" Loading, Add	*10,046.59*	
		For Removal Of Existing Stop, Add	*8,047.91*	
		For Each Additional Stop, Add	*33,882.61*	
		For Each Opening With Bonderized Steel Door, Add	*367.20*	
		For Each Opening With Stainless Steel Doors, Add	*642.60*	
		For Each Opening With Two Speed Doors, Add	*780.30*	
		For Custom Plastic Laminated Cab Interiors, Add	*5,508.00*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*7,344.00*	
		For Stainless Steel Cab Interior, Add	*9,180.00*	
		For Removal Of Existing Elevator, Add	*40,239.56*	
		For Each Floor < 6 Stops, Deduct	*-30,089.81*	
14 21 13 00-0008	EA	Electric Traction Freight Elevator, 12,000 LB x 200 FPM, 6 Stops, 6 Openings	448,968.05	
		For Elevator With Manual Door, Deduct	*-10,000.00*	
		For Each Additional 50 FPM, Add	*13,847.00*	
		For Class "C-1" Loading, Add	*6,119.39*	
		For Class "C-2" Loading, Add	*7,344.00*	
		For Class "C-3" Loading, Add	*10,046.59*	
		For Removal Of Existing Stop, Add	*8,047.91*	
		For Each Additional Stop, Add	*33,882.61*	
		For Each Opening With Bonderized Steel Door, Add	*367.20*	
		For Each Opening With Stainless Steel Doors, Add	*642.60*	
		For Each Opening With Two Speed Doors, Add	*780.30*	
		For Custom Plastic Laminated Cab Interiors, Add	*5,508.00*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*7,344.00*	
		For Stainless Steel Cab Interior, Add	*9,180.00*	
		For Removal Of Existing Elevator, Add	*40,239.56*	
		For Each Floor < 6 Stops, Deduct	*-30,089.81*	

14 21 23 Electric Traction Passenger Elevators *(14 21)*

14 21 23 13 Machine Room Electric Traction Passenger Elevators *(14 21 23)*

14 21 23 13-0001 Electric Traction Passenger Elevators *(14 21 23 13)*

Note: Baked enamel shaft doors and plastic laminate trimmed cab, allowance of $7,500. Unit prices based on a shaft of 6 stops (12 feet floor to floor) and 6 openings.

14 21 23 13-0002	EA	Electric Traction Passenger Elevator, 2,000 LB x 200 FPM, 6 Stops, 6 Openings	268,540.28	
		For Each Opening With Bonderized Steel Door, Add	*276.94*	
		For Each Opening With Stainless Steel Doors, Add	*692.35*	
		For Custom Plastic Laminated Cab Interiors, Add	*3,672.00*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*5,508.00*	
		For Stainless Steel Cab Interior, Add	*7,344.00*	
		For Each Additional 50 FPM, Add	*5,711.89*	
		For Removal Of Existing Stop, Add	*4,023.95*	
		For Each Additional Stop, Add	*32,964.61*	
		For Each Floor < 6 Stops, Deduct	*-20,059.88*	
		For Removal Of Existing Elevator, Add	*30,179.67*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
14 21 23 13-0003	EA	Electric Traction Passenger Elevator, 2,500 LB x 200 FPM, 6 Stops, 6 Openings	275,598.40	
		For Each Opening With Bonderized Steel Door, Add	*276.94*	
		For Each Opening With Stainless Steel Doors, Add	*692.35*	
		For Custom Plastic Laminated Cab Interiors, Add	*3,672.00*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*5,508.00*	
		For Stainless Steel Cab Interior, Add	*7,344.00*	
		For Each Additional 50 FPM, Add	*5,711.89*	
		For Removal Of Existing Stop, Add	*4,023.95*	
		For Each Additional Stop, Add	*32,964.61*	
		For Each Floor < 6 Stops, Deduct	*-20,059.88*	
		For Removal Of Existing Elevator, Add	*30,179.67*	
14 21 23 13-0004	EA	Electric Traction Passenger Elevator, 3,000 LB x 200 FPM, 6 Stops, 6 Openings	281,587.88	
		For Each Opening With Bonderized Steel Door, Add	*276.94*	
		For Each Opening With Stainless Steel Doors, Add	*692.35*	
		For Custom Plastic Laminated Cab Interiors, Add	*3,672.00*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*5,508.00*	
		For Stainless Steel Cab Interior, Add	*7,344.00*	
		For Each Additional 50 FPM, Add	*5,711.89*	
		For Removal Of Existing Stop, Add	*4,023.95*	
		For Each Additional Stop, Add	*32,964.61*	
		For Each Floor < 6 Stops, Deduct	*-20,059.88*	
		For Removal Of Existing Elevator, Add	*30,179.67*	
14 21 23 13-0005	EA	Electric Traction Passenger Elevator, 3,500 LB x 200 FPM, 6 Stops, 6 Openings	285,995.90	
		For Each Opening With Bonderized Steel Door, Add	*276.94*	
		For Each Opening With Stainless Steel Doors, Add	*692.35*	
		For Custom Plastic Laminated Cab Interiors, Add	*3,672.00*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*5,508.00*	
		For Stainless Steel Cab Interior, Add	*7,344.00*	
		For Each Additional 50 FPM, Add	*5,711.89*	
		For Removal Of Existing Stop, Add	*4,023.95*	
		For Each Additional Stop, Add	*32,964.61*	
		For Each Floor < 6 Stops, Deduct	*-20,059.88*	
		For Removal Of Existing Elevator, Add	*30,179.67*	
14 21 23 13-0006	EA	Electric Traction Passenger Elevator, 4,000 LB x 200 FPM, 6 Stops, 6 Openings	291,615.92	
		For Each Opening With Bonderized Steel Door, Add	*276.94*	
		For Each Opening With Stainless Steel Doors, Add	*692.35*	
		For Custom Plastic Laminated Cab Interiors, Add	*3,672.00*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*5,508.00*	
		For Stainless Steel Cab Interior, Add	*7,344.00*	
		For Each Additional 50 FPM, Add	*5,711.89*	
		For Removal Of Existing Stop, Add	*4,023.95*	
		For Each Additional Stop, Add	*32,964.61*	
		For Each Floor < 6 Stops, Deduct	*-20,059.88*	
		For Removal Of Existing Elevator, Add	*30,179.67*	
14 21 23 13-0007	EA	Electric Traction Passenger Elevator, 4,500 LB x 200 FPM, 6 Stops, 6 Openings	297,158.54	
		For Each Opening With Bonderized Steel Door, Add	*276.94*	
		For Each Opening With Stainless Steel Doors, Add	*692.35*	
		For Custom Plastic Laminated Cab Interiors, Add	*3,672.00*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*5,508.00*	
		For Stainless Steel Cab Interior, Add	*7,344.00*	
		For Each Additional 50 FPM, Add	*5,711.89*	
		For Removal Of Existing Stop, Add	*4,023.95*	
		For Each Additional Stop, Add	*32,964.61*	
		For Each Floor < 6 Stops, Deduct	*-20,059.88*	
		For Removal Of Existing Elevator, Add	*30,179.67*	
14 21 23 13-0008	EA	Electric Traction Passenger Elevator, 5,000 LB x 200 FPM, 6 Stops, 6 Openings	302,839.59	
		For Each Opening With Bonderized Steel Door, Add	*276.94*	
		For Each Opening With Stainless Steel Doors, Add	*692.35*	
		For Custom Plastic Laminated Cab Interiors, Add	*3,672.00*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*5,508.00*	
		For Stainless Steel Cab Interior, Add	*7,344.00*	
		For Each Additional 50 FPM, Add	*5,711.89*	
		For Removal Of Existing Stop, Add	*4,023.95*	
		For Each Additional Stop, Add	*32,964.61*	
		For Each Floor < 6 Stops, Deduct	*-20,059.88*	
		For Removal Of Existing Elevator, Add	*30,179.67*	

14 24 Hydraulic Elevators *(14 20)*

Note: Prices are for a complete operating elevator including all standard controls, hydraulic motor and devices based on unit with cab sized 5' by 8' with galvanized primed shaft door with cab allowances as listed below.

14 24 13 Hydraulic Freight Elevators *(14 24)*

14 24 13 00-0001 Hydraulic Freight Elevators *(14 24 13)*

Note: Painted metal shaft doors and steel painted cab. Unit prices based on a shaft of 3 stops (15 feet floor to floor) and 3 openings with power doors.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
14 24 13 00-0002	EA	Hydraulic Freight Elevator, 3,000 LB x 50 FPM, 3 Stops, 3 Openings	221,257.43	
		For Each Additional Stop, Add	*25,419.58*	
		For 2 Stops, Deduct	*-15,519.70*	
		For Each Opening With Bonderized Steel Door, Add	*276.94*	
		For Each Opening With Stainless Steel Doors, Add	*692.35*	
		For Each Opening With Two Speed Doors, Add	*830.82*	
		For Custom Plastic Laminated Cab Interiors, Add	*3,672.00*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*5,508.00*	
		For Stainless Steel Cab Interior, Add	*7,344.00*	
		For Each Additional 50 FPM, Add	*2,769.40*	
		For Elevator With Manual Door, Deduct	*-10,000.00*	
		For Class "C-1" Loading, Add	*1,529.39*	
		For Class "C-2" Loading, Add	*1,836.00*	
		For Class "C-3" Loading, Add	*2,511.65*	
		For Well Hole Drilling (12" Diameter Hole), Add Per VLF	*296.45*	
		Note: Includes Labor and Equipment.		
		For 12" PVC Liner, Add Per LF	*52.88*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For 12" Steel Liner, Add Per LF	*82.62*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For Removal Of Existing Stop, Add	*8,047.91*	
		For Removal Of Existing Elevator, Add	*20,112.61*	
14 24 13 00-0003	EA	Hydraulic Freight Elevator, 3,500 LB x 50 FPM, 3 Stops, 3 Openings	228,300.18	
		For Each Additional Stop, Add	*25,419.58*	
		For 2 Stops, Deduct	*-15,519.70*	
		For Each Opening With Bonderized Steel Door, Add	*276.94*	
		For Each Opening With Stainless Steel Doors, Add	*692.35*	
		For Each Opening With Two Speed Doors, Add	*830.82*	
		For Custom Plastic Laminated Cab Interiors, Add	*3,672.00*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*5,508.00*	
		For Stainless Steel Cab Interior, Add	*7,344.00*	
		For Each Additional 50 FPM, Add	*2,769.40*	
		For Elevator With Manual Door, Deduct	*-10,000.00*	
		For Class "C-1" Loading, Add	*1,529.39*	
		For Class "C-2" Loading, Add	*1,836.00*	
		For Class "C-3" Loading, Add	*2,511.65*	
		For Well Hole Drilling (12" Diameter Hole), Add Per VLF	*296.45*	
		Note: Includes Labor and Equipment.		
		For 12" PVC Liner, Add Per LF	*52.88*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For 12" Steel Liner, Add Per LF	*82.62*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For Removal Of Existing Stop, Add	*8,047.91*	
		For Removal Of Existing Elevator, Add	*20,112.61*	
14 24 13 00-0004	EA	Hydraulic Freight Elevator, 4,000 LB x 50 FPM, 3 Stops, 3 Openings	234,973.10	
		For Each Additional Stop, Add	*25,419.58*	
		For 2 Stops, Deduct	*-15,519.70*	
		For Each Opening With Bonderized Steel Door, Add	*276.94*	
		For Each Opening With Stainless Steel Doors, Add	*692.35*	
		For Each Opening With Two Speed Doors, Add	*830.82*	
		For Custom Plastic Laminated Cab Interiors, Add	*3,672.00*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*5,508.00*	
		For Stainless Steel Cab Interior, Add	*7,344.00*	
		For Each Additional 50 FPM, Add	*2,769.40*	
		For Elevator With Manual Door, Deduct	*-10,000.00*	
		For Class "C-1" Loading, Add	*1,529.39*	
		For Class "C-2" Loading, Add	*1,836.00*	
		For Class "C-3" Loading, Add	*2,511.65*	
		For Well Hole Drilling (12" Diameter Hole), Add Per VLF	*296.45*	
		Note: Includes Labor and Equipment.		
		For 12" PVC Liner, Add Per LF	*52.88*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For 12" Steel Liner, Add Per LF	*82.62*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For Removal Of Existing Stop, Add	*8,047.91*	
		For Removal Of Existing Elevator, Add	*20,112.61*	
14 24 13 00-0005	EA	Hydraulic Freight Elevator, 5,000 LB x 50 FPM, 3 Stops, 3 Openings	241,438.15	
		For Each Opening With Bonderized Steel Door, Add	*276.94*	
		For Each Opening With Stainless Steel Doors, Add	*692.35*	
		For Each Opening With Two Speed Doors, Add	*830.82*	
		For Custom Plastic Laminated Cab Interiors, Add	*3,672.00*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*5,508.00*	
		For Stainless Steel Cab Interior, Add	*7,344.00*	
		For Each Additional 50 FPM, Add	*2,769.40*	
		For Elevator With Manual Door, Deduct	*-10,000.00*	
		For Each Additional Stop, Add	*26,804.28*	
		For 2 Stops, Deduct	*-16,519.70*	
		For Class "C-1" Loading, Add	*3,058.78*	
		For Class "C-2" Loading, Add	*3,672.00*	
		For Class "C-3" Loading, Add	*5,089.39*	
		For Well Hole Drilling (12" Diameter Hole), Add Per VLF	*296.45*	
		Note: Includes Labor and Equipment.		
		For 12" PVC Liner, Add Per LF	*52.88*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For 12" Steel Liner, Add Per LF	*82.62*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For Removal Of Existing Stop, Add	*8,047.91*	
		For Removal Of Existing Elevator, Add	*20,112.61*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
14 24 13 00-0006	EA	Hydraulic Freight Elevator, 6,000 LB x 50 FPM, 3 Stops, 3 Openings	254,986.10	
		For Each Opening With Bonderized Steel Door, Add	*276.94*	
		For Each Opening With Stainless Steel Doors, Add	*692.35*	
		For Each Opening With Two Speed Doors, Add	*830.82*	
		For Elevator With Manual Door, Deduct	*-10,000.00*	
		For Each Additional Stop, Add	*26,804.28*	
		For 2 Stops, Deduct	*-16,519.70*	
		For Class "C-1" Loading, Add	*3,058.78*	
		For Class "C-2" Loading, Add	*3,672.00*	
		For Class "C-3" Loading, Add	*5,089.39*	
		For Each Additional 50 FPM, Add	*13,847.00*	
		For Custom Plastic Laminated Cab Interiors, Add	*4,590.00*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*6,426.00*	
		For Stainless Steel Cab Interior, Add	*8,262.00*	
		For Well Hole Drilling (12" Diameter Hole), Add Per VLF	*296.45*	
		Note: Includes Labor and Equipment.		
		For 12" PVC Liner, Add Per LF	*52.88*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For 12" Steel Liner, Add Per LF	*82.62*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For Removal Of Existing Stop, Add	*8,047.91*	
		For Removal Of Existing Elevator, Add	*20,112.61*	
14 24 13 00-0007	EA	Hydraulic Freight Elevator, 7,000 LB x 50 FPM, 3 Stops, 3 Openings	261,483.07	
		For Each Opening With Bonderized Steel Door, Add	*276.94*	
		For Each Opening With Stainless Steel Doors, Add	*692.35*	
		For Each Opening With Two Speed Doors, Add	*830.82*	
		For Elevator With Manual Door, Deduct	*-10,000.00*	
		For Each Additional Stop, Add	*26,804.28*	
		For 2 Stops, Deduct	*-16,519.70*	
		For Class "C-1" Loading, Add	*3,058.78*	
		For Class "C-2" Loading, Add	*3,672.00*	
		For Class "C-3" Loading, Add	*5,089.39*	
		For Each Additional 50 FPM, Add	*13,847.00*	
		For Custom Plastic Laminated Cab Interiors, Add	*4,590.00*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*6,426.00*	
		For Stainless Steel Cab Interior, Add	*8,262.00*	
		For Well Hole Drilling (12" Diameter Hole), Add Per VLF	*296.45*	
		Note: Includes Labor and Equipment.		
		For 12" PVC Liner, Add Per LF	*52.88*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For 12" Steel Liner, Add Per LF	*82.62*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For Removal Of Existing Stop, Add	*8,047.91*	
		For Removal Of Existing Elevator, Add	*30,179.67*	
14 24 13 00-0008	EA	Hydraulic Freight Elevator, 8,000 LB x 50 FPM, 3 Stops, 3 Openings	271,303.45	
		For Each Opening With Bonderized Steel Door, Add	*276.94*	
		For Each Opening With Stainless Steel Doors, Add	*692.35*	
		For Each Opening With Two Speed Doors, Add	*830.82*	
		For Elevator With Manual Door, Deduct	*-10,000.00*	
		For Each Additional Stop, Add	*26,804.28*	
		For 2 Stops, Deduct	*-16,519.70*	
		For Custom Plastic Laminated Cab Interiors, Add	*4,590.00*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*6,426.00*	
		For Stainless Steel Cab Interior, Add	*8,262.00*	
		For Each Additional 50 FPM, Add	*15,231.70*	
		For Class "C-1" Loading, Add	*7,646.94*	
		For Class "C-2" Loading, Add	*9,180.00*	
		For Class "C-3" Loading, Add	*12,558.24*	
		For Well Hole Drilling (12" Diameter Hole), Add Per VLF	*296.45*	
		Note: Includes Labor and Equipment.		
		For 12" PVC Liner, Add Per LF	*52.88*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For 12" Steel Liner, Add Per LF	*82.62*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For Removal Of Existing Stop, Add	*8,047.91*	
		For Removal Of Existing Elevator, Add	*30,179.67*	
14 24 13 00-0009	EA	Hydraulic Freight Elevator, 10,000 LB x 50 FPM, 3 Stops, 3 Openings	278,425.77	
		For Each Opening With Bonderized Steel Door, Add	*276.94*	
		For Each Opening With Stainless Steel Doors, Add	*692.35*	
		For Each Opening With Two Speed Doors, Add	*830.82*	
		For Elevator With Manual Door, Deduct	*-10,000.00*	
		For Each Additional Stop, Add	*26,804.28*	
		For 2 Stops, Deduct	*-16,519.70*	
		For Custom Plastic Laminated Cab Interiors, Add	*4,590.00*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*6,426.00*	
		For Stainless Steel Cab Interior, Add	*8,262.00*	
		For Well Hole Drilling (12" Diameter Hole), Add Per VLF	*296.45*	
		Note: Includes Labor and Equipment.		
		For 12" PVC Liner, Add Per LF	*52.88*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For 12" Steel Liner, Add Per LF	*82.62*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For Removal Of Existing Stop, Add	*8,047.91*	
		For Removal Of Existing Elevator, Add	*30,179.67*	
		For Each Additional 50 FPM, Add	*16,616.40*	
		For Class "C-1" Loading, Add	*10,170.52*	
		For Class "C-2" Loading, Add	*12,209.40*	
		For Class "C-3" Loading, Add	*16,702.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
14 24 13 00-0010	EA	Hydraulic Freight Elevator, 12,000 LB x 50 FPM, 3 Stops, 3 Openings	290,601.38	
		For Each Opening With Bonderized Steel Door, Add	*276.94*	
		For Each Opening With Stainless Steel Doors, Add	*692.35*	
		For Each Opening With Two Speed Doors, Add	*830.82*	
		For Elevator With Manual Door, Deduct	*-10,000.00*	
		For Each Additional Stop, Add	*26,804.28*	
		For 2 Stops, Deduct	*-16,519.70*	
		For Custom Plastic Laminated Cab Interiors, Add	*4,590.00*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*6,426.00*	
		For Stainless Steel Cab Interior, Add	*8,262.00*	
		For Well Hole Drilling (12" Diameter Hole), Add Per VLF	*296.45*	
		Note: Includes Labor and Equipment.		
		For 12" PVC Liner, Add Per LF	*52.88*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For 12" Steel Liner, Add Per LF	*82.62*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For Removal Of Existing Stop, Add	*8,047.91*	
		For Removal Of Existing Elevator, Add	*30,179.67*	
		For Each Additional 50 FPM, Add	*16,616.40*	
		For Class "C-1" Loading, Add	*10,170.52*	
		For Class "C-2" Loading, Add	*12,209.40*	
		For Class "C-3" Loading, Add	*16,702.09*	

14 24 13 00-0011 Hydraulic Elevators Piston Drilling *(14 24 13)*

14 24 13 00-0012	VLF	Up To 6" Diameter Piston Drilling	94.60	
		Note: Includes casing.		
14 24 13 00-0013	VLF	8" To 10" Diameter Piston Drilling	113.06	
		Note: Includes casing.		

14 24 23 Hydraulic Passenger Elevators *(14 24)*

14 24 23 00-0001 Hydraulic Passenger Elevators *(14 24 23)*

Note: Baked enamel shaft doors and plastic laminate trimmed cab, allowance of $7,500. Unit prices based on a shaft of 3 stops (15 feet floor to floor) and 3 openings.

14 24 23 00-0002	EA	Hydraulic Passenger Elevator, 2,100 LB x 100 FPM, 3 Stops, 3 Openings	154,644.23	
		For Each Additional Stop, Add	*25,419.58*	
		For Each Opening With Bonderized Steel Door, Add	*276.94*	
		For Each Opening With Stainless Steel Doors, Add	*692.35*	
		For Custom Plastic Laminated Cab Interiors, Add	*3,672.00*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*5,508.00*	
		For Stainless Steel Cab Interior, Add	*7,344.00*	
		For Well Hole Drilling (12" Diameter Hole), Add Per VLF	*296.45*	
		Note: Includes Labor and Equipment.		
		For 12" PVC Liner, Add Per LF	*52.88*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For 12" Steel Liner, Add Per LF	*82.62*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For Each Additional 50 FPM, Add	*5,711.89*	
		For Removal Of Existing Elevator, Add	*20,112.61*	
		For Removal Of Existing Stop, Add	*4,023.95*	
		For 2 Stops, Deduct	*-10,000.00*	
14 24 23 00-0003	EA	Hydraulic Passenger Elevator, 2,500 LB x 100 FPM, 3 Stops, 3 Openings	157,413.63	
		For Each Additional Stop, Add	*25,419.58*	
		For Each Opening With Bonderized Steel Door, Add	*276.94*	
		For Each Opening With Stainless Steel Doors, Add	*692.35*	
		For Custom Plastic Laminated Cab Interiors, Add	*3,672.00*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*5,508.00*	
		For Stainless Steel Cab Interior, Add	*7,344.00*	
		For Well Hole Drilling (12" Diameter Hole), Add Per VLF	*296.45*	
		Note: Includes Labor and Equipment.		
		For 12" PVC Liner, Add Per LF	*52.88*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For 12" Steel Liner, Add Per LF	*82.62*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For Each Additional 50 FPM, Add	*5,711.89*	
		For Removal Of Existing Elevator, Add	*20,112.61*	
		For Removal Of Existing Stop, Add	*4,023.95*	
		For 2 Stops, Deduct	*-10,000.00*	
14 24 23 00-0004	EA	Hydraulic Passenger Elevator, 3,000 LB x 100 FPM, 3 Stops, 3 Openings	159,317.59	
		For Each Additional Stop, Add	*25,419.58*	
		For Each Opening With Bonderized Steel Door, Add	*276.94*	
		For Each Opening With Stainless Steel Doors, Add	*692.35*	
		For Custom Plastic Laminated Cab Interiors, Add	*3,672.00*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*5,508.00*	
		For Stainless Steel Cab Interior, Add	*7,344.00*	
		For Well Hole Drilling (12" Diameter Hole), Add Per VLF	*296.45*	
		Note: Includes Labor and Equipment.		
		For 12" PVC Liner, Add Per LF	*52.88*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For 12" Steel Liner, Add Per LF	*82.62*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For Each Additional 50 FPM, Add	*5,711.89*	
		For Removal Of Existing Elevator, Add	*20,112.61*	
		For Removal Of Existing Stop, Add	*4,023.95*	
		For 2 Stops, Deduct	*-10,000.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
14 24 23 00-0005	EA	Hydraulic Passenger Elevator, 3,500 LB x 100 FPM, 3 Stops, 3 Openings	166,807.47	
		For Each Additional Stop, Add	*25,419.58*	
		For Each Opening With Bonderized Steel Door, Add	*276.94*	
		For Each Opening With Stainless Steel Doors, Add	*692.35*	
		For Custom Plastic Laminated Cab Interiors, Add	*3,672.00*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*5,508.00*	
		For Stainless Steel Cab Interior, Add	*7,344.00*	
		For Well Hole Drilling (12" Diameter Hole), Add Per VLF	*296.45*	
		Note: Includes Labor and Equipment.		
		For 12" PVC Liner, Add Per LF	*52.88*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For 12" Steel Liner, Add Per LF	*82.62*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For Each Additional 50 FPM, Add	*5,711.89*	
		For Removal Of Existing Elevator, Add	*20,112.61*	
		For Removal Of Existing Stop, Add	*4,023.95*	
		For 2 Stops, Deduct	*-10,000.00*	
14 24 23 00-0006	EA	Hydraulic Passenger Elevator, 4,000 LB x 100 FPM, 3 Stops, 3 Openings	169,880.17	
		For Each Additional Stop, Add	*25,419.58*	
		For Each Opening With Bonderized Steel Door, Add	*276.94*	
		For Each Opening With Stainless Steel Doors, Add	*692.35*	
		For Custom Plastic Laminated Cab Interiors, Add	*3,672.00*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*5,508.00*	
		For Stainless Steel Cab Interior, Add	*7,344.00*	
		For Well Hole Drilling (12" Diameter Hole), Add Per VLF	*296.45*	
		Note: Includes Labor and Equipment.		
		For 12" PVC Liner, Add Per LF	*52.88*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For 12" Steel Liner, Add Per LF	*82.62*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For Each Additional 50 FPM, Add	*5,711.89*	
		For Removal Of Existing Elevator, Add	*20,112.61*	
		For Removal Of Existing Stop, Add	*4,023.95*	
		For 2 Stops, Deduct	*-10,000.00*	
14 24 23 00-0007	EA	Hydraulic Passenger Elevator, 4,500 LB x 100 FPM, 3 Stops, 3 Openings	173,930.42	
		For Each Opening With Bonderized Steel Door, Add	*276.94*	
		For Each Opening With Stainless Steel Doors, Add	*692.35*	
		For Custom Plastic Laminated Cab Interiors, Add	*3,672.00*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*5,508.00*	
		For Stainless Steel Cab Interior, Add	*7,344.00*	
		For Each Additional Stop, Add	*26,804.28*	
		For Well Hole Drilling (12" Diameter Hole), Add Per VLF	*296.45*	
		Note: Includes Labor and Equipment.		
		For 12" PVC Liner, Add Per LF	*52.88*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For 12" Steel Liner, Add Per LF	*82.62*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For Each Additional 50 FPM, Add	*5,711.89*	
		For Removal Of Existing Elevator, Add	*20,112.61*	
		For Removal Of Existing Stop, Add	*4,023.95*	
		For 2 Stops, Deduct	*-10,000.00*	
14 24 23 00-0008	EA	Hydraulic Passenger Elevator, 5,000 LB x 100 FPM, 3 Stops, 3 Openings	178,203.62	
		For Each Opening With Bonderized Steel Door, Add	*276.94*	
		For Each Opening With Stainless Steel Doors, Add	*692.35*	
		For Each Opening With Two Speed Doors, Add	*830.82*	
		For Custom Plastic Laminated Cab Interiors, Add	*3,672.00*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*5,508.00*	
		For Stainless Steel Cab Interior, Add	*7,344.00*	
		For Each Additional Stop, Add	*26,804.28*	
		For Well Hole Drilling (12" Diameter Hole), Add Per VLF	*296.45*	
		Note: Includes Labor and Equipment.		
		For 12" PVC Liner, Add Per LF	*52.88*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For 12" Steel Liner, Add Per LF	*82.62*	
		Note: Liner for Hydraulic Elevator Well Hole if necessary.		
		For Each Additional 50 FPM, Add	*5,711.89*	
		For Removal Of Existing Elevator, Add	*20,112.61*	
		For Removal Of Existing Stop, Add	*4,023.95*	
		For 2 Stops, Deduct	*-10,000.00*	

14 24 23 00-0009 Twin Jack Holeless Hydraulic Passenger Elevator *(14 24 23)*

Note: Baked enamel shaft doors and plastic laminated trimmed cab. Excludes flooring, shaft construction/alterations, pit or mechanical room construction. Connect to established utilities.

14 24 23 00-0010	EA	Twin Holeless Hydraulic Passenger Elevator, 2,100 LB x 100 FPM	133,014.98	
		For Each Opening With Bonderized Steel Door, Add	*276.94*	
		For Each Opening With Stainless Steel Doors, Add	*692.35*	
		For Custom Plastic Laminated Cab Interiors, Add	*3,213.00*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*4,590.00*	
		For Stainless Steel Cab Interior, Add	*5,508.00*	
		For Removal Of Existing Elevator, Add	*20,112.61*	
		For Each Additional Stop, Add	*26,928.03*	
		For An Additional 25 FPM, Add	*2,333.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
14 24 23 00-0011	EA	Twin Holeless Hydraulic Passenger Elevator, 2,500 LB x 100 FPM	137,971.68	
		For Each Opening With Bonderized Steel Door, Add	*276.94*	
		For Each Opening With Stainless Steel Doors, Add	*692.35*	
		For Custom Plastic Laminated Cab Interiors, Add	*3,213.00*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*4,590.00*	
		For Stainless Steel Cab Interior, Add	*5,508.00*	
		For Removal Of Existing Elevator, Add	*20,112.61*	
		For Each Additional Stop, Add	*26,928.03*	
		For An Additional 25 FPM, Add	*2,333.22*	
14 24 23 00-0012	EA	Twin Holeless Hydraulic Passenger Elevator, 3,000 LB x 100 FPM	142,736.43	
		For Each Opening With Bonderized Steel Door, Add	*276.94*	
		For Each Opening With Stainless Steel Doors, Add	*692.35*	
		For Custom Plastic Laminated Cab Interiors, Add	*3,213.00*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*4,590.00*	
		For Stainless Steel Cab Interior, Add	*5,508.00*	
		For Removal Of Existing Elevator, Add	*20,112.61*	
		For Each Additional Stop, Add	*26,928.03*	
		For An Additional 25 FPM, Add	*2,333.22*	
14 24 23 00-0013	EA	Twin Holeless Hydraulic Passenger Elevator, 3,500 LB x 100 FPM	165,412.44	
		For Each Opening With Bonderized Steel Door, Add	*276.94*	
		For Each Opening With Stainless Steel Doors, Add	*692.35*	
		For Custom Plastic Laminated Cab Interiors, Add	*3,213.00*	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	*4,590.00*	
		For Stainless Steel Cab Interior, Add	*5,508.00*	
		For Removal Of Existing Elevator, Add	*20,112.61*	
		For Each Additional Stop, Add	*26,928.03*	
		For An Additional 25 FPM, Add	*2,333.22*	

14 26 Limited-Use/Limited-Application Elevators *(14 20)*

14 26 00 00-0001 Small Elevators (LULA) *(14 26)*

14 26 00 00-0002	EA	Small Elevators (LULA), 1,400 LB x 30 FPM, 2 Stops, 2 Openings Note: 3 phase, automatic operation, includes cab interior, telephone box and telephone. 2 stops and 12 feet of rise.	96,065.30	
		For Each Additional Stop, Add	*16,131.78*	
		For Removal Of Existing Elevator, Add	*6,035.93*	

14 27 Custom Elevator Cabs and Doors *(14 20)*

14 27 13 Custom Elevator Cab Finishes *(14 27)*

14 27 13 00-0001 Custom Elevator Cab Finish Options *(14 27 13)*

Note: Review elevator task modifiers for addtional cab finishes.

14 27 13 00-0002	EA	Intercom Service	1,461.58	

14 27 13 00-0003 Custom Elevator Hall Finish Options *(14 27 13)*

14 27 13 00-0004	EA	Stainless Steel Door, Hall Finishes	1,680.91	
14 27 13 00-0005	EA	Stainless Steel Frames, Hall Finishes	1,766.38	
14 27 13 00-0006	EA	Hall Lantern, Signal Devices	924.17	

14 27 16 Custom Elevator Doors *(14 27)*

14 27 16 00-0001 Custom Elevator Door Options *(14 27 16)*

14 27 16 00-0002	EA	Center Opening, 1 Speed Doors	3,599.85	
14 27 16 00-0003	EA	Center Opening, 2 Speed Doors	4,568.51	
14 27 16 00-0004	EA	Rear Opening Doors (Opposite Front)	6,306.40	
14 27 16 00-0005	EA	Side Opening, 2 Speed Doors	9,924.63	
14 27 16 00-0006	EA	Bi-Parting Doors	10,865.39	
14 27 16 00-0007	EA	Power Operated Door And Gate	32,460.81	

14 28 Elevator Equipment and Controls *(14 20)*

14 28 16 Elevator Controls *(14 28)*

14 28 16 00-0001 Passanger Or Freight Elevator Options *(14 28 16)*

14 28 16 00-0002	EA	2 Car Group, Elevator Automatic Controls	8,900.24	1,149.70
14 28 16 00-0003	EA	3 Car Group, Elevator Automatic Controls	13,475.64	1,723.31
14 28 16 00-0004	EA	4 Car Group, Elevator Automatic Controls	20,688.47	2,297.73
14 28 16 00-0005	EA	5 Car Group, Elevator Automatic Controls	28,971.76	2,916.31
14 28 16 00-0006	EA	6 Car Group, Elevator Automatic Controls	40,142.27	3,446.56
14 28 16 00-0007	EA	Duplex Care Selective Collective	8,301.29	
14 28 16 00-0008	EA	Automatic Emergency Power Switching	5,195.88	
14 28 16 00-0009	EA	Manual Emergency Power Switching	918.48	
14 28 16 00-0010	EA	Up To 3, Position Indicator, Signal Devices	220.50	
14 28 16 00-0011	EA	>3, Position Indicator, Signal Devices	185.45	
14 28 16 00-0012	EA	High Speed Heavy Duty Door Opener	3,133.90	
14 28 16 00-0013	EA	Variable Voltage, Overhead Gearless Machine, Minimum	54,641.93	
14 28 16 00-0014	EA	Variable Voltage, Overhead Gearless Machine, Average	89,236.11	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
14 28 16 00-0015	EA	Variable Voltage, Overhead Gearless Machine, Maximum	123,675.90	
14 28 16 00-0016	EA	Variable Voltage, Basement Installed Geared Machine, Minimum	22,984.49	
14 28 16 00-0017	EA	Variable Voltage, Basement Installed Geared Machine, Average	28,226.65	
14 28 16 00-0018	EA	Variable Voltage, Basement Installed Geared Machine, Maximum	31,189.61	

14 30 Escalators and Moving Walks *(14)*

14 31 Escalators *(14 30)*

14 31 00 00-0001 Stainless Steel Escalator Construction *(14 31)*

Note: Prices are medians and are based on each moving stairway. Complete, includes all standard accessories and single microprocessor controlled electronic display sign packages, LED.

14 31 00 00-0002	EA	Escalators Stainless Steel, 32" Wide x 12' Floor To Floor Height	152,054.60	12,866.99
14 31 00 00-0003	EA	Escalators Stainless Steel, 32" Wide x 15' Floor To Floor Height	168,400.76	15,206.45
14 31 00 00-0004	EA	Escalators Stainless Steel, 32" Wide x 18' Floor To Floor Height	183,386.17	17,545.90
14 31 00 00-0005	EA	Escalators Stainless Steel, 32" Wide x 22' Floor To Floor Height	202,686.66	21,055.08
14 31 00 00-0006	EA	Escalators Stainless Steel, 32" Wide x 25' Floor To Floor Height	223,815.91	23,394.53
14 31 00 00-0007	EA	Escalators Stainless Steel, 36" Wide x 12' Floor To Floor Height	160,806.78	13,685.80
14 31 00 00-0008	EA	Escalators Stainless Steel, 36" Wide x 15' Floor To Floor Height	178,420.26	16,376.17
14 31 00 00-0009	EA	Escalators Stainless Steel, 36" Wide x 18' Floor To Floor Height	193,386.85	18,715.62
14 31 00 00-0010	EA	Escalators Stainless Steel, 36" Wide x 22' Floor To Floor Height	217,881.11	23,511.50
14 31 00 00-0011	EA	Escalators Stainless Steel, 36" Wide x 25' Floor To Floor Height	234,798.65	25,266.10
14 31 00 00-0012	EA	Escalators Stainless Steel, 48" Wide x 12' Floor To Floor Height	169,938.76	14,504.61
14 31 00 00-0013	EA	Escalators Stainless Steel, 48" Wide x 15' Floor To Floor Height	189,122.96	17,545.90
14 31 00 00-0014	EA	Escalators Stainless Steel, 48" Wide x 18' Floor To Floor Height	203,697.53	19,885.35
14 31 00 00-0015	EA	Escalators Stainless Steel, 48" Wide x 22' Floor To Floor Height	234,109.94	24,798.20
14 31 00 00-0016	EA	Escalators Stainless Steel, 48" Wide x 25' Floor To Floor Height	248,486.09	27,137.66
14 31 00 00-0017	EA	Escalator Fire Shutter Fusible Link	22,495.74	467.89

14 40 Lifts *(14)*

14 41 People Lifts *(14 40)*

14 41 16 Endless-Belt People Lifts *(14 41)*

14 41 16 00-0001 Personnel Lifts Electrically Operated *(14 41 16)*

Note: 1 Or 2 person lift by vertical belt with attached foot platforms average of 36" diameter openings.

14 41 16 00-0002	EA	Personnel Lifts, Electric, 1-2 Person, 3 Stops	28,590.64	
		For An Additional Stop, Add	*816.78*	
		For Tinted Plexiglas Enclosure, Weatherproof, Add	*3,430.88*	
14 41 16 00-0003	EA	Personnel Lifts, Electric, 1-2 Person, 5 Stops	30,075.86	
		For An Additional Stop, Add	*816.78*	
		For Tinted Plexiglas Enclosure, Weatherproof, Add	*3,609.10*	
14 41 16 00-0004	EA	Personnel Lifts, Electric, 1-2 Person, 7 Stops	31,561.09	
		For An Additional Stop, Add	*816.78*	
		For Tinted Plexiglas Enclosure, Weatherproof, Add	*3,787.33*	

14 41 19 Stairway Chairlifts *(14 41)*

14 41 19 00-0001 Chair Lift-Stair Climber *(14 41 19)*

Note: Includes landing, rails, lifting device and gates.

14 41 19 00-0002	EA	Chair Lift, Stair Climber Per Story, Single Passenger, Indoor, 300 LB Capacity Note: Includes top and bottom call button, safety chair, track, and power unit.	7,576.90	976.96

14 42 Wheelchair Lifts *(14 40)*

14 42 13 Inclined Wheelchair Lifts *(14 42)*

14 42 13 00-0001 Inclined Platform Wheelchair Lift-Stair Climber *(14 42 13)*

Note: Includes landing, rails, lifting device and gates.

14 42 13 00-0002	EA	Inclined Wheelchair Lift, Stair Climber Per Story, Single Passenger, Indoor, 300 LB Capacity Note: Includes top and bottom call button, safety chair, track, and power unit.	14,234.29	1,465.43

14 42 16 Vertical Wheelchair Lifts *(14 42)*

14 42 16 00-0001 Wheelchair Lift (Shorty) *(14 42 16)*

14 42 16 00-0002	EA	36" Vertical Travel Wheelchair Platform Scissor Lift Note: 1000 LB capacity. Includes handrails and manual ramp.	8,824.18	683.88
		For Accordion Safety Skirt, Add	*1,002.44*	
		For Removable Handrails, Add	*102.16*	
		For Power Operated Ramp, Add	*893.90*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
14 42 16 00-0003	EA	42" Vertical Travel Wheelchair Platform Scissor Lift	10,851.44	854.84
		Note: 1000 LB capacity. Includes handrails and manual ramp.		
		For 2,000 LB Capacity, Add	*600.19*	
		For 3,000 LB Capacity, Add	*1,002.44*	
		For 4,000 LB Capacity, Add	*1,500.48*	
		For Accordion Safety Skirt, Add	*1,002.44*	
		For Removable Handrails, Add	*102.16*	
		For Power Operated Ramp, Add	*893.90*	
14 42 16 00-0004	EA	70" Vertical Travel Wheelchair Platform Scissor Lift	12,925.01	1,111.29
		Note: 1000 LB capacity. Includes handrails and manual ramp.		
		For 2,000 LB Capacity, Add	*600.19*	
		For 3,000 LB Capacity, Add	*1,002.44*	
		For 4,000 LB Capacity, Add	*1,500.48*	
		For Accordion Safety Skirt, Add	*1,002.44*	
		For Removable Handrails, Add	*102.16*	
		For Power Operated Ramp, Add	*893.90*	
14 42 16 00-0005	EA	84" Vertical Travel Wheelchair Platform Scissor Lift	14,518.10	1,282.26
		Note: 1000 LB capacity. Includes handrails and manual ramp.		
		For 2,000 LB Capacity, Add	*600.19*	
		For 3,000 LB Capacity, Add	*1,002.44*	
		For 4,000 LB Capacity, Add	*1,500.48*	
		For Accordion Safety Skirt, Add	*1,002.44*	
		For Removable Handrails, Add	*102.16*	
		For Power Operated Ramp, Add	*893.90*	
14 42 16 00-0006	EA	18' Travel Wheelchair Incline Lift	15,078.32	610.60
		Note: 500 LB capacity, interior installation.		

END OF SECTION 14

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

21 Fire Suppression

21 01 Operation and Maintenance of Fire Suppression *(21)*

21 01 10 Operation and Maintenance of Water-Based Fire-Suppression Systems *(21 01)*

See CSI section 23 01 20 00-0000 for purging of pipes and shutdown.

21 01 10 91 Water-Based Fire-Suppression Systems Restoration *(21 01 10)*

21 01 10 91-0001 Relocate Sprinkler Head And Branch Piping *(21 01 10 91)*

See CSI section 21 13 13 00-0024 for new wet pipe sprinkler heads (when required).

21 01 10 91-0002	EA	Relocate 1 Existing Sprinkler Head And Branch Piping Note: To adjust or swing existing sprinkler heads to different ceiling grid configuration or location.	571.32
21 01 10 91-0003	EA	Relocate 2 To 4 Existing Sprinkler Heads And Branch Piping Note: To adjust or swing existing sprinkler heads to different ceiling grid configuration or location.	342.80
21 01 10 91-0004	EA	Relocate >4 To 10 Existing Sprinkler Heads And Branch Piping Note: To adjust or swing existing sprinkler heads to different ceiling grid configuration or location.	137.12
21 01 10 91-0005	EA	Relocate >10 Existing Sprinkler Heads And Branch Piping Note: To adjust or swing existing sprinkler heads to different ceiling grid configuration or location.	68.56

21 01 10 91-0006 Purge And Refill System Sprinkler Piping *(21 01 10 91)*

Note: Includes shutting off valve, draining pipe and collection of liquid, refilling with liquid and bleeding of air from system.

21 01 10 91-0007	EA	Up To 100', Up To 1-1/2" Diameter Pipe, Purge Liquid System (For Sprinkler Upgrades)	379.19
21 01 10 91-0008	EA	>100 To 250', Up To 1-1/2" Diameter Pipe, Purge Liquid System (For Sprinkler Upgrades)	541.56
21 01 10 91-0009	EA	>250 To 500', Up To 1-1/2" Diameter Pipe, Purge Liquid System (For Sprinkler Upgrades)	648.89
21 01 10 91-0010	EA	>500 To 1,000', Up To 1-1/2" Diameter Pipe, Purge Liquid System (For Sprinkler Upgrades)	811.12
21 01 10 91-0011	EA	>1,000 To 2,000', Up To 1-1/2" Diameter Pipe, Purge Liquid System (For Sprinkler Upgrades)	1,054.45
21 01 10 91-0012	LF	>2,000', Up To 1-1/2" Diameter Pipe, Purge Liquid System (For Sprinkler Upgrades)	0.52
21 01 10 91-0013	EA	Up To 100', >1-1/2" To 3" Diameter Branch Piping, Purge Liquid System (For Sprinkler Upgrades)	530.87
21 01 10 91-0014	EA	>100 To 250', >1-1/2" To 3" Diameter Branch Piping, Purge Liquid System (For Sprinkler Upgrades)	758.19
21 01 10 91-0015	EA	>250 To 500', >1-1/2" To 3" Diameter Branch Piping, Purge Liquid System (For Sprinkler Upgrades)	908.45
21 01 10 91-0016	EA	>500 To 1,000', >1-1/2" To 3" Diameter Branch Piping, Purge Liquid System (For Sprinkler Upgrades)	1,135.56
21 01 10 91-0017	EA	>1,000 To 2,000', >1-1/2" To 3" Diameter Branch Piping, Purge Liquid System (For Sprinkler Upgrades)	1,476.23
21 01 10 91-0018	LF	>2,000', >1-1/2" To 3" Diameter Branch Piping, Purge Liquid System (For Sprinkler Upgrades)	0.74
21 01 10 91-0019	EA	Up To 100', >3" To 6" Diameter Branch Piping, Purge Liquid System (For Sprinkler Upgrades)	729.94
21 01 10 91-0020	EA	>100 To 250', >3" To 6" Diameter Branch Piping, Purge Liquid System (For Sprinkler Upgrades)	1,042.51
21 01 10 91-0021	EA	>250 To 500', >3" To 6" Diameter Branch Piping, Purge Liquid System (For Sprinkler Upgrades)	1,249.13
21 01 10 91-0022	EA	>500 To 1,000', >3" To 6" Diameter Branch Piping, Purge Liquid System (For Sprinkler Upgrades)	1,561.40
21 01 10 91-0023	EA	>1,000 To 2,000', >3" To 6" Diameter Branch Piping, Purge Liquid System (For Sprinkler Upgrades)	2,029.82
21 01 10 91-0024	LF	>2,000', >3" To 6" Diameter Branch Piping, Purge Liquid System (For Sprinkler Upgrades)	1.02
21 01 10 91-0025	EA	Up To 100', >6" To 10" Diameter Main Piping, Purge Liquid System (For Sprinkler Upgrades)	985.42
21 01 10 91-0026	EA	>100 To 250', >6" To 10" Diameter Main Piping, Purge Liquid System (For Sprinkler Upgrades)	1,407.38
21 01 10 91-0027	EA	>250 To 500', >6" To 10" Diameter Main Piping, Purge Liquid System (For Sprinkler Upgrades)	1,494.13
21 01 10 91-0028	EA	>500 To 1,000', >6" To 10" Diameter Main Piping, Purge Liquid System (For Sprinkler Upgrades)	1,867.65
21 01 10 91-0029	EA	>1,000 To 2,000', >6" To 10" Diameter Main Piping, Purge Liquid System (For Sprinkler Upgrades)	2,427.95
21 01 10 91-0030	LF	>2,000', >6" To 10" Diameter Main Piping, Purge Liquid System (For Sprinkler Upgrades)	1.21

21 01 30 Operation and Maintenance of Fire-Suppression Equipment *(21 01)*

21 01 30 91 Fire-Suppression Equipment Restoration *(21 01 30)*

21 01 30 91-0001 Inspection And Recharge *(21 01 30 91)*

21 01 30 91-0002	EA	Inspection, CO2, Carbon Dioxide	245.67
21 01 30 91-0003	LB	Refill/Recharge, CO2, Carbon Dioxide	2.91
21 01 30 91-0004	EA	Inspection, Halon 1301	245.67
21 01 30 91-0005	LB	Refill/Recharge, Halon 1301	69.86
21 01 30 91-0006	EA	Inspection, WC, Wet Chemical	148.54
21 01 30 91-0007	GAL	Refill/Recharge, WC, Wet Chemical	65.50
21 01 30 91-0008	EA	Inspection, DC, Dry Chemical	148.54
21 01 30 91-0009	LB	Refill/Recharge, DC, Dry Chemical	5.82
21 01 30 91-0010	EA	Hydrostatic Testing, All Sizes, All Agents See CSI section 23 05 93 00-0046 for testing existing piping systems.	45.71
21 01 30 91-0011	EA	Disarm/Arm System	79.99

21 05 Common Work Results for Fire Suppression *(21)*

21 05 13 Common Motor Requirements for Fire-Suppression Equipment *(21 05)*

Note: New equipment includes motor, unless otherwise stated. For use when replacing existing motor. See CSI section 23 05 13 00-0000 for motor requirements.

21 05 16 Expansion Fittings and Loops for Fire-Suppression Piping *(21 05)*

See CSI section 23 05 16 00-0000 for expansion fittings and loops.

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

21 05 17 Sleeves and Sleeve Seals for Fire-Suppression Piping *(21 05)*

See CSI section 23 05 17 00-0000 for sleeves and sleeve seals.

21 05 19 Meters and Gages for Fire-Suppression Systems *(21 05)*

See CSI section 33 19 00 00-0000 for water utility service metering.

21 05 19 00-0001 Fire Sprinkler System Water Pressure Gauge *(21 05 19)*

21 05 19 00-0002	EA	2" Diameter Dial, 0-200 PSI, Water Pressure Gauge Note: For fire sprinkler systems	49.17	13.19
21 05 19 00-0003	EA	2-1/2" Diameter Dial, 0-300 PSI, Water Pressure Gauge Note: For fire sprinkler systems	51.04	13.19
21 05 19 00-0004	EA	3" Diameter Dial, 0-300 PSI, Water Pressure Gauge Note: For fire sprinkler systems	59.78	13.19
21 05 19 00-0005	EA	3-1/2" Diameter Dial, 0-300 PSI, Water Pressure Gauge Note: For fire sprinkler systems	63.37	13.19
21 05 19 00-0006	EA	4" Diameter Dial, 0-300 PSI, Water Pressure Gauge Note: For fire sprinkler systems	66.96	13.19

21 05 19 00-0007 Fire Service Meter Cast Iron Housing *(21 05 19)*

21 05 19 00-0008	EA	3" Diameter, 0 - 600 GPM Fire Service Meter Flanged, With Cast Iron Housing	7,489.82	180.12
		For >10 To 25, Deduct	*-374.49*	
		For >25, Deduct	*-1,100.93*	
		For Owner Furnished Material, Deduct	*-7,264.39*	
21 05 19 00-0009	EA	4" Diameter, 0 - 1,000 GPM Fire Service Meter Flanged, With Cast Iron Housing	15,302.45	301.96
		For >10 To 25, Deduct	*-765.12*	
		For >25, Deduct	*-2,257.53*	
		For Owner Furnished Material, Deduct	*-14,924.04*	
21 05 19 00-0010	EA	6" Diameter, 0 - 2,000 GPM Fire Service Meter Flanged, With Cast Iron Housing	20,754.18	459.63
		For >10 To 25, Deduct	*-1,037.71*	
		For >25, Deduct	*-3,055.47*	
		For Owner Furnished Material, Deduct	*-20,177.58*	
21 05 19 00-0011	EA	8" Diameter, 0 - 4,000 GPM Fire Service Meter Flanged, With Cast Iron Housing	27,074.01	587.30
		For >10 To 25, Deduct	*-1,353.70*	
		For >25, Deduct	*-3,988.14*	
		For Owner Furnished Material, Deduct	*-26,344.44*	
21 05 19 00-0012	EA	10" Diameter, 0 - 6,200 GPM Fire Service Meter Flanged, With Cast Iron Housing	38,175.03	714.98
		For >10 To 25, Deduct	*-1,908.75*	
		For >25, Deduct	*-5,636.88*	
		For Owner Furnished Material, Deduct	*-37,281.31*	

21 05 23 General-Duty Valves for Water-Based Fire-Suppression Piping *(21 05)*

See CSI section 22 05 23 00-0000 for additional valves, 23 05 23 00-0000 for additional valves.

21 05 29 Hangers and Supports for Fire-Suppression Piping and Equipment *(21 05)*

See CSI section 23 05 29 00-0000 for hangers and supports.

21 05 33 Heat Tracing for Fire-Suppression Piping *(21 05)*

See CSI section 23 83 13 13-0000 for heat tracing cables.

21 05 48 Vibration and Seismic Controls for Fire-Suppresion Piping and Equipment *(21 05)*

21 05 48 13 Vibration Controls for Fire-Suppression Piping and Equipment *(21 05 48)*

See CSI section 23 05 48 13-0000 for vibration and seismic control.

21 05 53 Identification for Fire-Suppression Piping and Equipment *(21 05)*

See CSI section 23 05 53 00-0000 for identification.

21 07 Fire-Suppression Systems Insulation *(21)*

21 07 16 Fire-Suppression Equipment Insulation *(21 07)*

See CSI section 23 07 16 00-0000 for fire-suppression equipment insulation.

21 07 19 Fire-Suppression Piping Insulation *(21 07)*

See CSI section 22 07 19 00-0000 for fire-suppression piping insulation.

21 10 Water-Based Fire-Suppression Systems *(21)*

See CSI section 22 11 16 00-0383 for copper pipe, 22 11 16 00-0761 for CPVC pipe, 23 05 23 00-0037 for OS&Y gate valves, 23 21 13 23-0000 for black steel piping.

21 11 Facility Fire-Suppression Water-Service Piping *(21 10)*

21 11 19 Fire-Department Connections *(21 11)*

21 11 19 00-0001 Fire Department Connections *(21 11 19)*

21 11 19 00-0002	EA	4" x 2-1/2" x 2-1/2" Siamese Connection, Polished Brass	1,037.08	339.88
		For Polished Chrome, Add	*65.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 11 19 00-0003	EA	6" x 2-1/2" x 2-1/2" Siamese Connection, Polished Brass	1,443.21	424.85
		For Polished Chrome, Add	*99.91*	
21 11 19 00-0004	EA	4" x 3" x 3" Siamese Connection, Polished Brass	1,527.51	339.88
		For Polished Chrome, Add	*126.55*	
21 11 19 00-0005	EA	6" x 3" x 3" Siamese Connection, Polished Brass	2,018.68	424.85
		For Polished Chrome, Add	*171.84*	
21 11 19 00-0006	EA	6" x 2-1/2" x 2-1/2" x 2-1/2" Siamese Connection, Three Way, Polished Brass	2,159.36	424.85
		For Polished Chrome, Add	*189.43*	
21 11 19 00-0007	EA	Sidewalk Type Connection With Plug And Chain, Polished Brass	1,849.70	449.65
		For Polished Chrome, Add	*146.09*	
21 11 19 00-0008	EA	Wall Type Connection With Plug And Chain, Polished Brass	1,185.47	339.88
		For Polished Chrome, Add	*83.82*	

21 11 19 00-0009 Wall Type Indicator Post, Wheel Operated *(21 11 19)*

See CSI section 33 14 19 00-0001 for adjustable indicator post accessory for ground valves.

21 11 19 00-0010	EA	Wall Type Indicator Post With Wall Flange For Valve (Victaulic 773)	2,327.38	301.96

21 12 Fire-Suppression Standpipes *(21 10)*

See CSI section 23 21 13 23-0000 for black steel pipe.

21 12 13 Fire-Suppression Hoses and Nozzles *(21 12)*

21 12 13 00-0001 Fire Hose *(21 12 13)*

21 12 13 00-0002 Fire Hose Without Couplings *(21 12 13 00-0001)*

21 12 13 00-0003	LF	1-1/2" Linen Fire Hose With 1-1/2" Rubber Lining Without Couplings	2.91	2.29
21 12 13 00-0004	LF	2-1/2" Linen Fire Hose With 1-1/2" Rubber Lining Without Couplings	3.38	2.29
21 12 13 00-0005	LF	2" Linen Fire Hose With 1-1/2" Rubber Lining Without Couplings	3.08	2.29
21 12 13 00-0006	LF	3" Linen Fire Hose With 1-1/2" Rubber Lining Without Couplings	3.59	2.29
21 12 13 00-0007	LF	1-1/2" Cotton Fire Hose, 300 LB Test With 1-1/2" Rubber Lining Without Couplings	3.23	2.29
21 12 13 00-0008	LF	2-1/2" Cotton Fire Hose, 300 LB Test With 1-1/2" Rubber Lining Without Couplings	3.96	2.29
21 12 13 00-0009	LF	1-1/2" Cotton Fire Hose, 400 LB Test With 1-1/2" Rubber Lining Without Couplings	3.32	2.29
21 12 13 00-0010	LF	2-1/2" Cotton Fire Hose, 400 LB Test With 1-1/2" Rubber Lining Without Couplings	4.17	2.29

21 12 13 00-0011 Fire Hose With Aluminum Couplings *(21 12 13 00-0001)*

21 12 13 00-0012	LF	1-3/4" Polyester Fire Hose With Rubber Lining With Aluminum Couplings	8.34	1.26
21 12 13 00-0013	LF	2-1/2" Polyester Fire Hose With Rubber Lining With Aluminum Couplings	10.49	1.48
21 12 13 00-0014	LF	3-1/2" Polyester Fire Hose With Rubber Lining With Aluminum Couplings	18.16	1.48

21 12 13 00-0015 Fire Hose Accessories *(21 12 13 00-0001)*

21 12 13 00-0016	EA	Hose Coupling With 1-1/2" Pin Lug	275.03	37.71
21 12 13 00-0017	EA	Hose Coupling With 2-1/2" Pin Lug	439.85	42.28
21 12 13 00-0018	EA	1-1/2" x 10" Brass Straight Nozzle	93.28	29.71
21 12 13 00-0019	EA	2-1/2" x 12" Brass Straight Nozzle	182.43	29.71
21 12 13 00-0020	EA	1-1/2" Brass Fog Type Nozzle	145.27	29.71
21 12 13 00-0021	EA	2-1/2" Brass Fog Type Nozzle	207.87	29.71
21 12 13 00-0022	EA	1-1/2" Brass 100' Hose Rack	323.19	125.69
21 12 13 00-0023	EA	2-1/2" Brass 100' Hose Rack	444.87	125.69

21 12 23 Fire-Suppression Hose Valves *(21 12)*

21 12 23 00-0001 Standpipe Valves *(21 12 23)*

21 12 23 00-0002	EA	2-1/2" Fire Department Valve, Polished Brass With Plug And Chain	806.19	224.83
		For Polished Chrome, Add	*69.85*	
21 12 23 00-0003	EA	2-1/2" x 2-1/2" x 4" Fire Department Valve, Flush, Polished Brass	1,357.44	224.73
		For Polished Chrome, Add	*152.54*	
21 12 23 00-0004	EA	2-1/2" x 2-1/2" x 6" Fire Department Valve, Flush, Polished Brass	1,771.01	243.09
		For Polished Chrome, Add	*210.39*	
21 12 23 00-0005	EA	3" x 3" x 4" Fire Department Valve, Flush, Polished Brass	2,151.80	224.73
		For Polished Chrome, Add	*271.70*	
21 12 23 00-0006	EA	3" x 3" x 6" Fire Department Valve, Flush, Polished Brass	2,536.59	243.09
		For Polished Chrome, Add	*325.23*	
21 12 23 00-0007	EA	2-1/2" x 2-1/2" x 4" Fire Department Valve, Projecting, Polished Brass	1,273.01	224.73
		For Polished Chrome, Add	*139.88*	
21 12 23 00-0008	EA	2-1/2" x 2-1/2" x 6" Fire Department Valve, Projecting, Polished Brass	1,903.40	243.09
		For Polished Chrome, Add	*230.25*	
21 12 23 00-0009	EA	2-1/2" x 2-1/2" x 2-1/2" x 4" Fire Department Valve, Flush, Polished Brass	2,471.73	232.00
		For Polished Chrome, Add	*254.43*	
21 12 23 00-0010	EA	2-1/2" x 2-1/2" x 2-1/2" x 6" Fire Department Valve, Flush, Polished Brass	3,570.91	257.76
		For Polished Chrome, Add	*381.64*	
21 12 23 00-0011	EA	2-1/2" x 2-1/2" x 2-1/2" x 4" Fire Department Valve, Projecting, Polished Brass	2,661.69	232.00
		For Polished Chrome, Add	*277.22*	
21 12 23 00-0012	EA	2-1/2" x 2-1/2" x 2-1/2" x 6" Fire Department Valve, Projecting, Polished Brass	3,857.11	257.76
		For Polished Chrome, Add	*415.98*	
21 12 23 00-0013	EA	2-1/2" x 2-1/2" x 2-1/2" x 2-1/2" 6" Fire Department Valve, Square, Flush, Polished Brass	13,636.25	309.27
		For Polished Chrome, Add	*1,316.76*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 12 23 00-0014		Fire Hose Angle Valves *(21 12 23)*		
21 12 23 00-0015	EA	1-1/2", 300 LB Rated, Cast Brass, Fire Hose Angle Valve	230.84	30.86
21 12 23 00-0016	EA	1-1/2", 300 LB Rated, Polished Brass, Fire Hose Angle Valve	275.89	30.86
21 12 23 00-0017	EA	1-1/2", 300 LB Rated, Rough Chrome Plated, Fire Hose Angle Valve	259.51	30.86
21 12 23 00-0018	EA	1-1/2", 300 LB Rated, Polished Chrome Plated, Fire Hose Angle Valve	304.56	30.86
21 12 23 00-0019	EA	2-1/2", 300 LB Rated, Cast Brass, Fire Hose Angle Valve	410.81	51.42
21 12 23 00-0020	EA	2-1/2", 300 LB Rated, Polished Brass, Fire Hose Angle Valve	476.34	51.42
21 12 23 00-0021	EA	2-1/2", 300 LB Rated, Rough Chrome Plated, Fire Hose Angle Valve	481.80	51.42
21 12 23 00-0022	EA	2-1/2", 300 LB Rated, Polished Chrome Plated, Fire Hose Angle Valve	547.34	51.42

21 12 29 Fire-Suppression Fire Hose Equipment *(21 12)*

21 12 29 00-0001 Standpipe And Fire Hose Equipment *(21 12 29)*

21 12 29 00-0002	EA	2-1/2" x 2-1/2" x 2-1/2" x 4" Manifold Roof Type, Vertical, Polished Brass	4,427.08	557.32
21 12 29 00-0003	EA	Water Motor Gong	1,594.72	174.59
21 12 29 00-0004	EA	Fire Riser Flow Switch (National Fire Protection Association 13)	1,551.25	20.31
21 12 29 00-0005	EA	Water Flow Supervisory (Tamper) Switch Mounted On Valve	248.96	34.75

21 12 29 00-0006 Water Flow Detector *(21 12 29)*

21 12 29 00-0007 Pressure-Type Wazter Flow Detector *(21 12 29 00-0006)*

21 12 29 00-0008	EA	Pressure-Type Water Flow Detector For Up To 2-1/2" Pipe	398.72	106.92
21 12 29 00-0009	EA	Pressure-Type Water Flow Detector For >2-1/2" To 4" Pipe	578.33	141.67
21 12 29 00-0010	EA	Pressure-Type Water Flow Detector For >4" To 8" Pipe	901.46	160.37

21 12 29 00-0011 Vane-Type Water Flow Detector *(21 12 29 00-0006)*

21 12 29 00-0012	EA	Vane-Type Water Flow Detector For Up To 2-1/2" Pipe	498.76	106.92
21 12 29 00-0013	EA	Vane-Type Water Flow Detector For >2-1/2" To 4" Pipe	700.89	141.67
21 12 29 00-0014	EA	Vane-Type Water Flow Detector For >4" To 8" Pipe	1,095.76	160.37

21 13 Fire-Suppression Sprinkler Systems *(21 10)*

21 13 13 Wet-Pipe Sprinkler Systems *(21 13)*

21 13 13 00-0001 Complete Wet Pipe Sprinkler Systems Assemblies *(21 13 13)*

Note: Includes all branch line piping (standard weight threaded black steel, less than 2-1/2" diameter pipe, fittings, branch valves, hangers, sprinkler heads, etc) from riser pipe and mains. The coverage of one sprinkler head varies from about 180 SF for light hazard occupancy, about 155 SF for ordinary, 90 to about 130 SF for extra hazard conditions. Excludes outside mains, inside vertical or horizontal pipe mains, greater than 2" diameter. Excludes special alarm valves, gate valves, check valves, flow control devices, water motor gong assembly, Siamese connections, standpipes and fittings, pipe mains and fittings, fire pumps and tanks. Not for use where detail is available. For sprinkler repairs or sprinkler head replacements use specific pipe, fittings, hangers, valves, and sprinkler head components. See CSI section 23 21 13 23-1395 for individual grooved pipe, 23 21 13 23-1468 for individual grooved pipe fittings.

21 13 13 00-0002 Light Hazard, Complete Wet-Pipe Sprinkler System Assemblies *(21 13 13 00-0001)*

21 13 13 00-0003	EA	Exposed Piping, Light Hazard, Per Head, Complete Wet-Pipe Sprinkler System Assembly Note: Includes branch pipe and fittings, supports and sprinkler heads.	999.55
		For Copper Pipe, Add	*131.62*
		For Polyvinyl Chloride (PVC) Pipe, Deduct	*-181.59*
		For Up To 5, Add	*436.45*
		For >5 To 10, Add	*254.86*
		For >10 To 20, Add	*154.91*
		For >20 To 40, Add	*68.29*
		For >100 To 150, Deduct	*-99.96*
		For >150, Deduct	*-199.91*
21 13 13 00-0004	EA	Concealed Piping, Light Hazard, Per Head, Complete Wet-Pipe Sprinkler System Assembly Note: Includes branch pipe and fittings, supports and sprinkler heads with flat or conical escutcheon.	1,224.42
		For Copper Pipe, Add	*156.69*
		For Polyvinyl Chloride (PVC) Pipe, Deduct	*-217.91*
		For Up To 5, Add	*543.71*
		For >5 To 10, Add	*325.80*
		For >10 To 20, Add	*203.36*
		For >20 To 40, Add	*88.19*
		For >100 To 150, Deduct	*-122.44*
		For >150, Deduct	*-244.88*
		For Work In Restricted Working Space, Add	*161.84*

21 13 13 00-0005 Ordinary Hazard, Complete Wet-Pipe Sprinkler System Assemblies *(21 13 13 00-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0006	EA	Exposed Piping, Ordinary Hazard, Per Head, Complete Wet-Pipe Sprinkler System Assembly Note: Includes branch pipe and fittings, supports and sprinkler heads.	975.55	
		For Copper Pipe, Add	*128.24*	
		For Polyvinyl Chloride (PVC) Pipe, Deduct	*-177.01*	
		For Up To 5, Add	*426.41*	
		For >5 To 10, Add	*249.40*	
		For >10 To 20, Add	*151.85*	
		For >20 To 40, Add	*66.87*	
		For >100 To 150, Deduct	*-97.56*	
		For >150, Deduct	*-195.11*	
21 13 13 00-0007	EA	Concealed Piping, Ordinary Hazard, Per Head, Complete Wet-Pipe Sprinkler System Assembly Note: Includes branch pipe and fittings, supports and sprinkler heads with flat or conical escutcheon.	1,190.37	
		For Copper Pipe, Add	*151.94*	
		For Polyvinyl Chloride (PVC) Pipe, Deduct	*-211.46*	
		For Up To 5, Add	*529.38*	
		For >5 To 10, Add	*317.93*	
		For >10 To 20, Add	*198.89*	
		For >20 To 40, Add	*86.14*	
		For >100 To 150, Deduct	*-119.04*	
		For >150, Deduct	*-238.07*	
		For Work In Restricted Working Space, Add	*159.70*	

21 13 13 00-0008 Extra Hazard, Complete Wet-Pipe Sprinkler System Assemblies *(21 13 13 00-0001)*

21 13 13 00-0009	EA	Exposed Piping, Extra Hazard, Per Head, Complete Wet-Pipe Sprinkler System Assembly Note: Includes branch pipe and fittings, supports and sprinkler heads.	899.05	
		For Copper Pipe, Add	*118.00*	
		For Polyvinyl Chloride (PVC) Pipe, Deduct	*-162.96*	
		For Up To 5, Add	*393.33*	
		For >5 To 10, Add	*230.37*	
		For >10 To 20, Add	*140.47*	
		For >20 To 40, Add	*61.81*	
		For >100 To 150, Deduct	*-89.91*	
		For >150, Deduct	*-179.81*	
21 13 13 00-0010	EA	Concealed Piping, Extra Hazard, Per Head, Complete Wet-Pipe Sprinkler System Assembly Note: Includes branch pipe and fittings, supports and sprinkler heads with flat or conical escutcheon.	1,099.56	
		For Copper Pipe, Add	*140.14*	
		For Polyvinyl Chloride (PVC) Pipe, Deduct	*-195.12*	
		For Up To 5, Add	*489.42*	
		For >5 To 10, Add	*294.30*	
		For >10 To 20, Add	*184.34*	
		For >20 To 40, Add	*79.77*	
		For >100 To 150, Deduct	*-109.96*	
		For >150, Deduct	*-219.91*	
		For Work In Restricted Working Space, Add	*148.77*	

21 13 13 00-0011 Wet Pipe Sprinkler Components *(21 13 13)*

Note: Excludes hydraulic calculations.

21 13 13 00-0012 Wet Pipe Alarm Check Valves *(21 13 13 00-0011)*

Note: Excludes trim package See CSI section 21 13 13 00-0018 for Wet Pipe Valve Trim.

21 13 13 00-0013	EA	2-1/2" Wet Pipe Alarm Check Valve	2,085.74	147.01
21 13 13 00-0014	EA	3" Wet Pipe Alarm Check Valve	2,128.51	168.40
21 13 13 00-0015	EA	4" Wet Pipe Alarm Check Valve	2,363.74	286.01
21 13 13 00-0016	EA	6" Wet Pipe Alarm Check Valve	2,266.31	360.85
21 13 13 00-0017	EA	8" Wet Pipe Alarm Check Valve	4,082.73	457.08

21 13 13 00-0018 Wet Pipe Valve Trim *(21 13 13 00-0011)*

Note: Vertical or Horizontal, closed drain, basic galvanized trim assembly package. Includes gauges, pressure switch, relief valve, drain line, and retard chamber.

21 13 13 00-0019	EA	2-1/2" Wet Pipe Valve Trim	1,807.60	311.14
21 13 13 00-0020	EA	3" Wet Pipe Valve Trim	1,912.87	311.14
21 13 13 00-0021	EA	4" Wet Pipe Valve Trim	2,295.45	426.60
21 13 13 00-0022	EA	6" Wet Pipe Valve Trim	2,678.72	593.40
21 13 13 00-0023	EA	8" Wet Pipe Valve Trim	2,913.94	734.53

21 13 13 00-0024 Wet Pipe Sprinkler Heads *(21 13 13 00-0011)*

21 13 13 00-0025 Upright Wet Pipe Sprinkler Heads *(21 13 13 00-0024)*

21 13 13 00-0026	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Upright Brass Wet Pipe Sprinkler Head	82.07	12.85
		For >25 To 50, Deduct	*-2.57*	
		For >50 To 100, Deduct	*-6.67*	
		For >100 To 500, Deduct	*-11.54*	
		For >500 To 1,000, Deduct	*-23.51*	
		For >1,000, Deduct	*-33.80*	
21 13 13 00-0027	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Upright Chrome Wet Pipe Sprinkler Head	85.19	12.85
		For >25 To 50, Deduct	*-2.57*	
		For >50 To 100, Deduct	*-6.83*	
		For >100 To 500, Deduct	*-11.93*	
		For >500 To 1,000, Deduct	*-24.08*	
		For >1,000, Deduct	*-34.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0028	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Upright White Polyester Coated Wet Pipe Sprinkler Head	87.18	12.85
		For >25 To 50, Deduct	*-2.57*	
		For >50 To 100, Deduct	*-6.93*	
		For >100 To 500, Deduct	*-12.18*	
		For >500 To 1,000, Deduct	*-24.43*	
		For >1,000, Deduct	*-34.72*	
21 13 13 00-0029	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Upright Brass Wet Pipe Sprinkler Head	83.64	12.85
		For >25 To 50, Deduct	*-2.57*	
		For >50 To 100, Deduct	*-6.75*	
		For >100 To 500, Deduct	*-11.74*	
		For >500 To 1,000, Deduct	*-23.80*	
		For >1,000, Deduct	*-34.08*	
21 13 13 00-0030	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Upright Chrome Wet Pipe Sprinkler Head	86.88	12.85
		For >25 To 50, Deduct	*-2.57*	
		For >50 To 100, Deduct	*-6.92*	
		For >100 To 500, Deduct	*-12.15*	
		For >500 To 1,000, Deduct	*-24.38*	
		For >1,000, Deduct	*-34.66*	
21 13 13 00-0031	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Upright White Polyester Coated Wet Pipe Sprinkler Head	88.96	12.85
		For >25 To 50, Deduct	*-2.57*	
		For >50 To 100, Deduct	*-7.02*	
		For >100 To 500, Deduct	*-12.41*	
		For >500 To 1,000, Deduct	*-24.75*	
		For >1,000, Deduct	*-35.04*	
21 13 13 00-0032	EA	1/2" NPT Thread, 3/8" Orifice, Quick Response, Upright Brass Wet Pipe Sprinkler Head	104.08	12.85
		For >25 To 50, Deduct	*-2.57*	
		For >50 To 100, Deduct	*-7.78*	
		For >100 To 500, Deduct	*-14.30*	
		For >500 To 1,000, Deduct	*-27.48*	
		For >1,000, Deduct	*-37.76*	
21 13 13 00-0033	EA	1/2" NPT Thread, 3/8" Orifice, Quick Response, Upright Chrome Wet Pipe Sprinkler Head	112.44	12.85
		For >25 To 50, Deduct	*-2.57*	
		For >50 To 100, Deduct	*-8.19*	
		For >100 To 500, Deduct	*-15.34*	
		For >500 To 1,000, Deduct	*-28.98*	
		For >1,000, Deduct	*-39.26*	
21 13 13 00-0034	EA	1/2" NPT Thread, 7/16" Orifice, K=4.2, Quick Response, Upright Brass Wet Pipe Sprinkler Head	104.08	12.85
		For >25 To 50, Deduct	*-2.57*	
		For >50 To 100, Deduct	*-7.78*	
		For >100 To 500, Deduct	*-14.30*	
		For >500 To 1,000, Deduct	*-27.48*	
		For >1,000, Deduct	*-37.76*	
21 13 13 00-0035	EA	1/2" NPT Thread, 7/16" Orifice, K=4.2, Quick Response, Upright Chrome Wet Pipe Sprinkler Head	112.44	12.85
		For >25 To 50, Deduct	*-2.57*	
		For >50 To 100, Deduct	*-8.19*	
		For >100 To 500, Deduct	*-15.34*	
		For >500 To 1,000, Deduct	*-28.98*	
		For >1,000, Deduct	*-39.26*	
21 13 13 00-0036	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Quick Response, Upright Brass Wet Pipe Sprinkler Head	93.25	12.85
		For >25 To 50, Deduct	*-2.57*	
		For >50 To 100, Deduct	*-7.23*	
		For >100 To 500, Deduct	*-12.94*	
		For >500 To 1,000, Deduct	*-25.53*	
		For >1,000, Deduct	*-35.81*	
21 13 13 00-0037	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Quick Response, Upright Chrome Wet Pipe Sprinkler Head	97.33	12.85
		For >25 To 50, Deduct	*-2.57*	
		For >50 To 100, Deduct	*-7.44*	
		For >100 To 500, Deduct	*-13.45*	
		For >500 To 1,000, Deduct	*-26.26*	
		For >1,000, Deduct	*-36.54*	
21 13 13 00-0038	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Upright Brass Wet Pipe Sprinkler Head	94.41	14.28
		For >25 To 50, Deduct	*-2.86*	
		For >50 To 100, Deduct	*-7.58*	
		For >100 To 500, Deduct	*-13.23*	
		For >500 To 1,000, Deduct	*-26.71*	
		For >1,000, Deduct	*-38.13*	
21 13 13 00-0039	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Upright Chrome Wet Pipe Sprinkler Head	99.18	14.28
		For >25 To 50, Deduct	*-2.86*	
		For >50 To 100, Deduct	*-7.82*	
		For >100 To 500, Deduct	*-13.83*	
		For >500 To 1,000, Deduct	*-27.56*	
		For >1,000, Deduct	*-38.99*	
21 13 13 00-0040	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Upright White Polyester Coated Wet Pipe Sprinkler Head	100.15	14.28
		For >25 To 50, Deduct	*-2.86*	
		For >50 To 100, Deduct	*-7.86*	
		For >100 To 500, Deduct	*-13.95*	
		For >500 To 1,000, Deduct	*-27.74*	
		For >1,000, Deduct	*-39.17*	
21 13 13 00-0041	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, 300 PSI Rated, Upright Brass Wet Pipe Sprinkler Head	94.41	14.28
		For >25 To 50, Deduct	*-2.86*	
		For >50 To 100, Deduct	*-7.58*	
		For >100 To 500, Deduct	*-13.23*	
		For >500 To 1,000, Deduct	*-26.71*	
		For >1,000, Deduct	*-38.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0042	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, 300 PSI Rated, Upright Chrome Wet Pipe Sprinkler Head	99.18	14.28
		For >25 To 50, Deduct	*-2.86*	
		For >50 To 100, Deduct	*-7.82*	
		For >100 To 500, Deduct	*-13.83*	
		For >500 To 1,000, Deduct	*-27.56*	
		For >1,000, Deduct	*-38.99*	
21 13 13 00-0043	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, 300 PSI Rated, Upright White Polyester Coated Wet Pipe Sprinkler Head	100.15	14.28
		For >25 To 50, Deduct	*-2.86*	
		For >50 To 100, Deduct	*-7.86*	
		For >100 To 500, Deduct	*-13.95*	
		For >500 To 1,000, Deduct	*-27.74*	
		For >1,000, Deduct	*-39.17*	
21 13 13 00-0044	EA	1/2" NPT Thread, 3/8" Orifice, K=2.8, Upright Brass Wet Pipe Sprinkler Head	91.09	12.85
		For >25 To 50, Deduct	*-2.57*	
		For >50 To 100, Deduct	*-7.13*	
		For >100 To 500, Deduct	*-12.67*	
		For >500 To 1,000, Deduct	*-25.14*	
		For >1,000, Deduct	*-35.42*	
21 13 13 00-0045	EA	1/2" NPT Thread, 3/8" Orifice, K=2.8, Upright Chrome Wet Pipe Sprinkler Head	94.21	12.85
		For >25 To 50, Deduct	*-2.57*	
		For >50 To 100, Deduct	*-7.28*	
		For >100 To 500, Deduct	*-13.06*	
		For >500 To 1,000, Deduct	*-25.70*	
		For >1,000, Deduct	*-35.98*	
21 13 13 00-0046	EA	1/2" NPT Thread, 3/8" Orifice, K=2.8, Upright White Polyester Coated Wet Pipe Sprinkler Head	94.81	12.85
		For >25 To 50, Deduct	*-2.57*	
		For >50 To 100, Deduct	*-7.31*	
		For >100 To 500, Deduct	*-13.14*	
		For >500 To 1,000, Deduct	*-25.81*	
		For >1,000, Deduct	*-36.09*	
21 13 13 00-0047	EA	1/2" NPT Thread, 7/16" Orifice, K=4.2, Upright Brass Wet Pipe Sprinkler Head	91.09	12.85
		For >25 To 50, Deduct	*-2.57*	
		For >50 To 100, Deduct	*-7.13*	
		For >100 To 500, Deduct	*-12.67*	
		For >500 To 1,000, Deduct	*-25.14*	
		For >1,000, Deduct	*-35.42*	
21 13 13 00-0048	EA	1/2" NPT Thread, 7/16" Orifice, K=4.2, Upright Chrome Wet Pipe Sprinkler Head	94.21	12.85
		For >25 To 50, Deduct	*-2.57*	
		For >50 To 100, Deduct	*-7.28*	
		For >100 To 500, Deduct	*-13.06*	
		For >500 To 1,000, Deduct	*-25.70*	
		For >1,000, Deduct	*-35.98*	
21 13 13 00-0049	EA	1/2" NPT Thread, 7/16" Orifice, K=4.2, Upright White Polyester Coated Wet Pipe Sprinkler Head	94.81	12.85
		For >25 To 50, Deduct	*-2.57*	
		For >50 To 100, Deduct	*-7.31*	
		For >100 To 500, Deduct	*-13.14*	
		For >500 To 1,000, Deduct	*-25.81*	
		For >1,000, Deduct	*-36.09*	
21 13 13 00-0050	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Combustible Concealed Space, Upright Brass Wet Pipe Sprinkler Head	94.80	12.85
		For >25 To 50, Deduct	*-2.57*	
		For >50 To 100, Deduct	*-7.31*	
		For >100 To 500, Deduct	*-13.14*	
		For >500 To 1,000, Deduct	*-25.81*	
		For >1,000, Deduct	*-36.09*	
21 13 13 00-0051	EA	3/4" NPT Thread, K=14.0, Extended Coverage, Upright Brass Wet Pipe Sprinkler Head	127.89	14.28
		For >25 To 50, Deduct	*-2.86*	
		For >50 To 100, Deduct	*-9.25*	
		For >100 To 500, Deduct	*-17.41*	
		For >500 To 1,000, Deduct	*-32.73*	
		For >1,000, Deduct	*-44.16*	
21 13 13 00-0052	EA	3/4" NPT Thread, K=14.0, Extended Coverage, Upright Chrome Wet Pipe Sprinkler Head	131.48	14.28
		For >25 To 50, Deduct	*-2.86*	
		For >50 To 100, Deduct	*-9.43*	
		For >100 To 500, Deduct	*-17.86*	
		For >500 To 1,000, Deduct	*-33.38*	
		For >1,000, Deduct	*-44.80*	
21 13 13 00-0053	EA	3/4" NPT Thread, K=14.0, Extended Coverage, Upright White Polyester Coated Wet Pipe Sprinkler Head	131.48	14.28
		For >25 To 50, Deduct	*-2.86*	
		For >50 To 100, Deduct	*-9.43*	
		For >100 To 500, Deduct	*-17.86*	
		For >500 To 1,000, Deduct	*-33.38*	
		For >1,000, Deduct	*-44.80*	
21 13 13 00-0054	EA	3/4" NPT Thread, K=11.2, Extended Coverage, Upright Brass Wet Pipe Sprinkler Head	103.67	14.28
		For >25 To 50, Deduct	*-2.86*	
		For >50 To 100, Deduct	*-8.04*	
		For >100 To 500, Deduct	*-14.39*	
		For >500 To 1,000, Deduct	*-28.37*	
		For >1,000, Deduct	*-39.80*	
21 13 13 00-0055	EA	3/4" NPT Thread, K=11.2, Extended Coverage, Upright Chrome Wet Pipe Sprinkler Head	106.13	14.28
		For >25 To 50, Deduct	*-2.86*	
		For >50 To 100, Deduct	*-8.16*	
		For >100 To 500, Deduct	*-14.69*	
		For >500 To 1,000, Deduct	*-28.82*	
		For >1,000, Deduct	*-40.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0056	EA	3/4" NPT Thread, K=11.2, Extended Coverage, Upright White Polyester Coated Wet Pipe Sprinkler Head	106.13	14.28
		For >25 To 50, Deduct	*-2.86*	
		For >50 To 100, Deduct	*-8.16*	
		For >100 To 500, Deduct	*-14.69*	
		For >500 To 1,000, Deduct	*-28.82*	
		For >1,000, Deduct	*-40.24*	
21 13 13 00-0057	EA	1/2" NPT Thread, K=5.6, Quick Response, Upright Stainless Steel Wet Pipe Sprinkler Head	307.20	12.85
		For >25 To 50, Deduct	*-2.57*	
		For >50 To 100, Deduct	*-17.93*	
		For >100 To 500, Deduct	*-39.69*	
		For >500 To 1,000, Deduct	*-64.04*	
		For >1,000, Deduct	*-74.32*	
21 13 13 00-0058	EA	3/4" NPT Thread, K=8.0, Quick Response, Upright Stainless Steel Wet Pipe Sprinkler Head	338.26	14.28
		For >25 To 50, Deduct	*-2.86*	
		For >50 To 100, Deduct	*-19.77*	
		For >100 To 500, Deduct	*-43.71*	
		For >500 To 1,000, Deduct	*-70.60*	
		For >1,000, Deduct	*-82.02*	
21 13 13 00-0059	EA	1/2" NPT Thread, K=5.6, High Temperature (400 To 500 Degree), Upright Brass Wet Pipe Sprinkler Head	163.42	12.85
		For >25 To 50, Deduct	*-2.57*	
		For >50 To 100, Deduct	*-10.74*	
		For >100 To 500, Deduct	*-21.71*	
		For >500 To 1,000, Deduct	*-38.16*	
		For >1,000, Deduct	*-48.44*	
21 13 13 00-0060	EA	1/2" NPT Thread, K=5.6, High Temperature (400 To 500 Degree), Upright Chrome Wet Pipe Sprinkler Head	200.88	12.85
		For >25 To 50, Deduct	*-2.57*	
		For >50 To 100, Deduct	*-12.62*	
		For >100 To 500, Deduct	*-26.40*	
		For >500 To 1,000, Deduct	*-44.90*	
		For >1,000, Deduct	*-55.18*	
21 13 13 00-0061	EA	1/2" NPT Thread, K=5.6, High Temperature (650 Degree), Upright Brass Wet Pipe Sprinkler Head	357.53	12.85
		For >25 To 50, Deduct	*-2.57*	
		For >50 To 100, Deduct	*-20.45*	
		For >100 To 500, Deduct	*-45.98*	
		For >500 To 1,000, Deduct	*-73.10*	
		For >1,000, Deduct	*-83.38*	
21 13 13 00-0062	EA	1/2" NPT Thread, K=5.6, High Temperature (650 Degree), Upright Chrome Wet Pipe Sprinkler Head	455.15	12.85
		For >25 To 50, Deduct	*-2.57*	
		For >50 To 100, Deduct	*-25.33*	
		For >100 To 500, Deduct	*-58.18*	
		For >500 To 1,000, Deduct	*-90.67*	
		For >1,000, Deduct	*-100.95*	
21 13 13 00-0063	EA	3/4" NPT Thread, K=8.0, High Temperature (400 To 500 Degree), Upright Brass Wet Pipe Sprinkler Head	206.59	14.28
		For >25 To 50, Deduct	*-2.86*	
		For >50 To 100, Deduct	*-13.19*	
		For >100 To 500, Deduct	*-27.25*	
		For >500 To 1,000, Deduct	*-46.90*	
		For >1,000, Deduct	*-58.32*	
21 13 13 00-0064	EA	3/4" NPT Thread, K=8.0, High Temperature (400 To 500 Degree), Upright Chrome Wet Pipe Sprinkler Head	207.72	14.28
		For >25 To 50, Deduct	*-2.86*	
		For >50 To 100, Deduct	*-13.24*	
		For >100 To 500, Deduct	*-27.39*	
		For >500 To 1,000, Deduct	*-47.10*	
		For >1,000, Deduct	*-58.53*	

21 13 13 00-0065 Conventional Wet Pipe Sprinkler Heads *(21 13 13 00-0024)*

21 13 13 00-0066	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Conventional Brass Wet Pipe Sprinkler Head	82.07	12.85
		For >25 To 50, Deduct	*-2.57*	
		For >50 To 100, Deduct	*-6.67*	
		For >100 To 500, Deduct	*-11.54*	
		For >500 To 1,000, Deduct	*-23.51*	
		For >1,000, Deduct	*-33.80*	
21 13 13 00-0067	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Conventional Chrome Wet Pipe Sprinkler Head	85.19	12.85
		For >25 To 50, Deduct	*-2.57*	
		For >50 To 100, Deduct	*-6.83*	
		For >100 To 500, Deduct	*-11.93*	
		For >500 To 1,000, Deduct	*-24.08*	
		For >1,000, Deduct	*-34.36*	
21 13 13 00-0068	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Conventional White Polyester Coated Wet Pipe Sprinkler Head	87.18	12.85
		For >25 To 50, Deduct	*-2.57*	
		For >50 To 100, Deduct	*-6.93*	
		For >100 To 500, Deduct	*-12.18*	
		For >500 To 1,000, Deduct	*-24.43*	
		For >1,000, Deduct	*-34.72*	
21 13 13 00-0069	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Conventional Brass Wet Pipe Sprinkler Head	95.52	14.28
		For >25 To 50, Deduct	*-2.86*	
		For >50 To 100, Deduct	*-7.63*	
		For >100 To 500, Deduct	*-13.37*	
		For >500 To 1,000, Deduct	*-26.91*	
		For >1,000, Deduct	*-38.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0070	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Conventional Chrome Wet Pipe Sprinkler Head	99.18	14.28
		For >25 To 50, Deduct	*-2.86*	
		For >50 To 100, Deduct	*-7.82*	
		For >100 To 500, Deduct	*-13.83*	
		For >500 To 1,000, Deduct	*-27.56*	
		For >1,000, Deduct	*-38.99*	
21 13 13 00-0071	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Conventional White Polyester Coated Wet Pipe Sprinkler Head	99.75	14.28
		For >25 To 50, Deduct	*-2.86*	
		For >50 To 100, Deduct	*-7.84*	
		For >100 To 500, Deduct	*-13.90*	
		For >500 To 1,000, Deduct	*-27.67*	
		For >1,000, Deduct	*-39.09*	
21 13 13 00-0072	EA	1/2" NPT Thread, K=5.6, Quick Response, Conventional Stainless Steel Wet Pipe Sprinkler Head	307.20	12.85
		For >25 To 50, Deduct	*-2.57*	
		For >50 To 100, Deduct	*-17.93*	
		For >100 To 500, Deduct	*-39.69*	
		For >500 To 1,000, Deduct	*-64.04*	
		For >1,000, Deduct	*-74.32*	

21 13 13 00-0073 Pendant Wet Pipe Sprinkler Heads *(21 13 13 00-0024)*

See CSI section 21 13 13 00-0209 for escutcheon for recessed pendent sprinkler head.

21 13 13 00-0074	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Pendent Brass Wet Pipe Sprinkler Head	82.07	12.85
		For >25 To 50, Deduct	*-2.57*	
		For >50 To 100, Deduct	*-6.67*	
		For >100 To 500, Deduct	*-11.54*	
		For >500 To 1,000, Deduct	*-23.51*	
		For >1,000, Deduct	*-33.80*	
21 13 13 00-0075	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Pendent Chrome Wet Pipe Sprinkler Head	85.19	12.85
		For >25 To 50, Deduct	*-2.57*	
		For >50 To 100, Deduct	*-6.83*	
		For >100 To 500, Deduct	*-11.93*	
		For >500 To 1,000, Deduct	*-24.08*	
		For >1,000, Deduct	*-34.36*	
21 13 13 00-0076	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Pendent White Polyester Coated Wet Pipe Sprinkler Head	87.18	12.85
		For >25 To 50, Deduct	*-2.57*	
		For >50 To 100, Deduct	*-6.93*	
		For >100 To 500, Deduct	*-12.18*	
		For >500 To 1,000, Deduct	*-24.43*	
		For >1,000, Deduct	*-34.72*	
21 13 13 00-0077	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Pendent Brass Wet Pipe Sprinkler Head	94.41	14.28
		For >25 To 50, Deduct	*-2.86*	
		For >50 To 100, Deduct	*-7.58*	
		For >100 To 500, Deduct	*-13.23*	
		For >500 To 1,000, Deduct	*-26.71*	
		For >1,000, Deduct	*-38.13*	
21 13 13 00-0078	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Pendent Chrome Wet Pipe Sprinkler Head	99.18	14.28
		For >25 To 50, Deduct	*-2.86*	
		For >50 To 100, Deduct	*-7.82*	
		For >100 To 500, Deduct	*-13.83*	
		For >500 To 1,000, Deduct	*-27.56*	
		For >1,000, Deduct	*-38.99*	
21 13 13 00-0079	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Pendent White Polyester Coated Wet Pipe Sprinkler Head	100.15	14.28
		For >25 To 50, Deduct	*-2.86*	
		For >50 To 100, Deduct	*-7.86*	
		For >100 To 500, Deduct	*-13.95*	
		For >500 To 1,000, Deduct	*-27.74*	
		For >1,000, Deduct	*-39.17*	
21 13 13 00-0080	EA	1/2" NPT Thread, 3/8" Orifice, K=2.8, Pendent Brass Wet Pipe Sprinkler Head	91.09	12.85
		For >25 To 50, Deduct	*-2.57*	
		For >50 To 100, Deduct	*-7.13*	
		For >100 To 500, Deduct	*-12.67*	
		For >500 To 1,000, Deduct	*-25.14*	
		For >1,000, Deduct	*-35.42*	
21 13 13 00-0081	EA	1/2" NPT Thread, 3/8" Orifice, K=2.8, Pendent Chrome Wet Pipe Sprinkler Head	94.21	12.85
		For >25 To 50, Deduct	*-2.57*	
		For >50 To 100, Deduct	*-7.28*	
		For >100 To 500, Deduct	*-13.06*	
		For >500 To 1,000, Deduct	*-25.70*	
		For >1,000, Deduct	*-35.98*	
21 13 13 00-0082	EA	1/2" NPT Thread, 3/8" Orifice, K=2.8, Pendent White Polyester Coated Wet Pipe Sprinkler Head	94.81	12.85
		For >25 To 50, Deduct	*-2.57*	
		For >50 To 100, Deduct	*-7.31*	
		For >100 To 500, Deduct	*-13.14*	
		For >500 To 1,000, Deduct	*-25.81*	
		For >1,000, Deduct	*-36.09*	
21 13 13 00-0083	EA	1/2" NPT Thread, 7/16" Orifice, K=4.2, Pendent Brass Wet Pipe Sprinkler Head	91.09	12.85
		For >25 To 50, Deduct	*-2.57*	
		For >50 To 100, Deduct	*-7.13*	
		For >100 To 500, Deduct	*-12.67*	
		For >500 To 1,000, Deduct	*-25.14*	
		For >1,000, Deduct	*-35.42*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0084	EA	1/2" NPT Thread, 7/16" Orifice, K=4.2, Pendent Chrome Wet Pipe Sprinkler Head	94.21	12.85
		For >25 To 50, Deduct	*-2.57*	
		For >50 To 100, Deduct	*-7.28*	
		For >100 To 500, Deduct	*-13.06*	
		For >500 To 1,000, Deduct	*-25.70*	
		For >1,000, Deduct	*-35.98*	
21 13 13 00-0085	EA	1/2" NPT Thread, 7/16" Orifice, K=4.2, Pendent White Polyester Coated Wet Pipe Sprinkler Head	94.81	12.85
		For >25 To 50, Deduct	*-2.57*	
		For >50 To 100, Deduct	*-7.31*	
		For >100 To 500, Deduct	*-13.14*	
		For >500 To 1,000, Deduct	*-25.81*	
		For >1,000, Deduct	*-36.09*	
21 13 13 00-0086	EA	1/2" NPT Thread, 7/16" Orifice, K=4.2, Pendent Brass Wet Pipe Sprinkler Head, Low Lead	91.09	12.85
		For >25 To 50, Deduct	*-2.57*	
		For >50 To 100, Deduct	*-7.13*	
		For >100 To 500, Deduct	*-12.67*	
		For >500 To 1,000, Deduct	*-25.14*	
		For >1,000, Deduct	*-35.42*	
21 13 13 00-0087	EA	1/2" NPT Thread, 7/16" Orifice, K=4.2, Pendent Chrome Wet Pipe Sprinkler Head, Low Lead	94.21	12.85
		For >25 To 50, Deduct	*-2.57*	
		For >50 To 100, Deduct	*-7.28*	
		For >100 To 500, Deduct	*-13.06*	
		For >500 To 1,000, Deduct	*-25.70*	
		For >1,000, Deduct	*-35.98*	
21 13 13 00-0088	EA	1/2" NPT Thread, 7/16" Orifice, K=4.2, Pendent White Polyester Coated Wet Pipe Sprinkler Head, Low Lead	94.81	12.85
		For >25 To 50, Deduct	*-2.57*	
		For >50 To 100, Deduct	*-7.31*	
		For >100 To 500, Deduct	*-13.14*	
		For >500 To 1,000, Deduct	*-25.81*	
		For >1,000, Deduct	*-36.09*	
21 13 13 00-0089	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Pendent Brass Wet Pipe Sprinkler Head, Low Lead	82.07	12.85
		For >25 To 50, Deduct	*-2.57*	
		For >50 To 100, Deduct	*-6.67*	
		For >100 To 500, Deduct	*-11.54*	
		For >500 To 1,000, Deduct	*-23.51*	
		For >1,000, Deduct	*-33.80*	
21 13 13 00-0090	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Pendent Chrome Wet Pipe Sprinkler Head, Low Lead	85.19	12.85
		For >25 To 50, Deduct	*-2.57*	
		For >50 To 100, Deduct	*-6.83*	
		For >100 To 500, Deduct	*-11.93*	
		For >500 To 1,000, Deduct	*-24.08*	
		For >1,000, Deduct	*-34.36*	
21 13 13 00-0091	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Pendent White Polyester Coated Wet Pipe Sprinkler Head, Low Lead	87.18	12.85
		For >25 To 50, Deduct	*-2.57*	
		For >50 To 100, Deduct	*-6.93*	
		For >100 To 500, Deduct	*-12.18*	
		For >500 To 1,000, Deduct	*-24.43*	
		For >1,000, Deduct	*-34.72*	
21 13 13 00-0092	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Pendent Brass Wet Pipe Sprinkler Head	83.64	12.85
		For >25 To 50, Deduct	*-2.57*	
		For >50 To 100, Deduct	*-6.75*	
		For >100 To 500, Deduct	*-11.74*	
		For >500 To 1,000, Deduct	*-23.80*	
		For >1,000, Deduct	*-34.08*	
21 13 13 00-0093	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Pendent Chrome Wet Pipe Sprinkler Head	85.85	12.85
		For >25 To 50, Deduct	*-2.57*	
		For >50 To 100, Deduct	*-6.86*	
		For >100 To 500, Deduct	*-12.02*	
		For >500 To 1,000, Deduct	*-24.19*	
		For >1,000, Deduct	*-34.48*	
21 13 13 00-0094	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Pendent White Polyester Coated Wet Pipe Sprinkler Head	87.87	12.85
		For >25 To 50, Deduct	*-2.57*	
		For >50 To 100, Deduct	*-6.96*	
		For >100 To 500, Deduct	*-12.27*	
		For >500 To 1,000, Deduct	*-24.56*	
		For >1,000, Deduct	*-34.84*	
21 13 13 00-0095	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, 300 PSI Rated, Pendent Brass Wet Pipe Sprinkler Head	97.36	14.28
		For >25 To 50, Deduct	*-2.86*	
		For >50 To 100, Deduct	*-7.72*	
		For >100 To 500, Deduct	*-13.60*	
		For >500 To 1,000, Deduct	*-27.24*	
		For >1,000, Deduct	*-38.66*	
21 13 13 00-0096	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, 300 PSI Rated, Pendent Chrome Wet Pipe Sprinkler Head	101.41	14.28
		For >25 To 50, Deduct	*-2.86*	
		For >50 To 100, Deduct	*-7.93*	
		For >100 To 500, Deduct	*-14.10*	
		For >500 To 1,000, Deduct	*-27.97*	
		For >1,000, Deduct	*-39.39*	
21 13 13 00-0097	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, 300 PSI Rated, Pendent White Polyester Coated Wet Pipe Sprinkler Head	101.41	14.28
		For >25 To 50, Deduct	*-2.86*	
		For >50 To 100, Deduct	*-7.93*	
		For >100 To 500, Deduct	*-14.10*	
		For >500 To 1,000, Deduct	*-27.97*	
		For >1,000, Deduct	*-39.39*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0098	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Quick Response, Pendent Brass Wet Pipe Sprinkler Head	93.25	12.85
		For >25 To 50, Deduct	*-2.57*	
		For >50 To 100, Deduct	*-7.23*	
		For >100 To 500, Deduct	*-12.94*	
		For >500 To 1,000, Deduct	*-25.53*	
		For >1,000, Deduct	*-35.81*	
21 13 13 00-0099	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Quick Response, Pendent Chrome Wet Pipe Sprinkler Head	97.33	12.85
		For >25 To 50, Deduct	*-2.57*	
		For >50 To 100, Deduct	*-7.44*	
		For >100 To 500, Deduct	*-13.45*	
		For >500 To 1,000, Deduct	*-26.26*	
		For >1,000, Deduct	*-36.54*	
21 13 13 00-0100	EA	1/2" NPT Thread, 3/8" Orifice, K=2.8, Quick Response, Pendent Brass Wet Pipe Sprinkler Head	103.45	12.85
		For >25 To 50, Deduct	*-2.57*	
		For >50 To 100, Deduct	*-7.74*	
		For >100 To 500, Deduct	*-14.22*	
		For >500 To 1,000, Deduct	*-27.36*	
		For >1,000, Deduct	*-37.65*	
21 13 13 00-0101	EA	1/2" NPT Thread, 3/8" Orifice, K=2.8, Quick Response, Pendent Chrome Wet Pipe Sprinkler Head	110.15	12.85
		For >25 To 50, Deduct	*-2.57*	
		For >50 To 100, Deduct	*-8.08*	
		For >100 To 500, Deduct	*-15.05*	
		For >500 To 1,000, Deduct	*-28.57*	
		For >1,000, Deduct	*-38.85*	
21 13 13 00-0102	EA	1/2" NPT Thread, 7/16" Orifice, K=4.2, Quick Response, Pendent Brass Wet Pipe Sprinkler Head	103.45	12.85
		For >25 To 50, Deduct	*-2.57*	
		For >50 To 100, Deduct	*-7.74*	
		For >100 To 500, Deduct	*-14.22*	
		For >500 To 1,000, Deduct	*-27.36*	
		For >1,000, Deduct	*-37.65*	
21 13 13 00-0103	EA	1/2" NPT Thread, 7/16" Orifice, K=4.2, Quick Response, Pendent Chrome Wet Pipe Sprinkler Head	110.15	12.85
		For >25 To 50, Deduct	*-2.57*	
		For >50 To 100, Deduct	*-8.08*	
		For >100 To 500, Deduct	*-15.05*	
		For >500 To 1,000, Deduct	*-28.57*	
		For >1,000, Deduct	*-38.85*	
21 13 13 00-0104	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Extended Coverage, Pendent Brass Wet Pipe Sprinkler Head	87.96	12.85
		For >25 To 50, Deduct	*-2.57*	
		For >50 To 100, Deduct	*-6.97*	
		For >100 To 500, Deduct	*-12.28*	
		For >500 To 1,000, Deduct	*-24.57*	
		For >1,000, Deduct	*-34.86*	
21 13 13 00-0105	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Extended Coverage, Pendent Chrome Wet Pipe Sprinkler Head	91.48	12.85
		For >25 To 50, Deduct	*-2.57*	
		For >50 To 100, Deduct	*-7.15*	
		For >100 To 500, Deduct	*-12.72*	
		For >500 To 1,000, Deduct	*-25.21*	
		For >1,000, Deduct	*-35.49*	
21 13 13 00-0106	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Extended Coverage, Pendent White Polyester Coated Wet Pipe Sprinkler Head	93.31	12.85
		For >25 To 50, Deduct	*-2.57*	
		For >50 To 100, Deduct	*-7.24*	
		For >100 To 500, Deduct	*-12.95*	
		For >500 To 1,000, Deduct	*-25.54*	
		For >1,000, Deduct	*-35.82*	
21 13 13 00-0107	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Extended Coverage, Pendent Brass Wet Pipe Sprinkler Head	95.89	14.28
		For >25 To 50, Deduct	*-2.86*	
		For >50 To 100, Deduct	*-7.65*	
		For >100 To 500, Deduct	*-13.41*	
		For >500 To 1,000, Deduct	*-26.97*	
		For >1,000, Deduct	*-38.40*	
21 13 13 00-0108	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Extended Coverage, Pendent Chrome Wet Pipe Sprinkler Head	99.36	14.28
		For >25 To 50, Deduct	*-2.86*	
		For >50 To 100, Deduct	*-7.82*	
		For >100 To 500, Deduct	*-13.85*	
		For >500 To 1,000, Deduct	*-27.60*	
		For >1,000, Deduct	*-39.02*	
21 13 13 00-0109	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Extended Coverage, Pendent White Polyester Coated Wet Pipe Sprinkler Head	102.72	14.28
		For >25 To 50, Deduct	*-2.86*	
		For >50 To 100, Deduct	*-7.99*	
		For >100 To 500, Deduct	*-14.27*	
		For >500 To 1,000, Deduct	*-28.20*	
		For >1,000, Deduct	*-39.63*	
21 13 13 00-0110	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Extended Coverage, Pendent Brass Wet Pipe Sprinkler Head	89.95	12.85
		For >25 To 50, Deduct	*-2.57*	
		For >50 To 100, Deduct	*-7.07*	
		For >100 To 500, Deduct	*-12.53*	
		For >500 To 1,000, Deduct	*-24.93*	
		For >1,000, Deduct	*-35.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0111	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Extended Coverage, Pendent Chrome Wet Pipe Sprinkler Head	93.39	12.85
		For >25 To 50, Deduct	*-2.57*	
		For >50 To 100, Deduct	*-7.24*	
		For >100 To 500, Deduct	*-12.96*	
		For >500 To 1,000, Deduct	*-25.55*	
		For >1,000, Deduct	*-35.84*	
21 13 13 00-0112	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Extended Coverage, Pendent White Polyester Coated Wet Pipe Sprinkler Head	95.27	12.85
		For >25 To 50, Deduct	*-2.57*	
		For >50 To 100, Deduct	*-7.33*	
		For >100 To 500, Deduct	*-13.19*	
		For >500 To 1,000, Deduct	*-25.89*	
		For >1,000, Deduct	*-36.17*	
21 13 13 00-0113	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, 300 PSI Rated, Extended Coverage, Pendent Brass Wet Pipe Sprinkler Head	97.36	14.28
		For >25 To 50, Deduct	*-2.86*	
		For >50 To 100, Deduct	*-7.72*	
		For >100 To 500, Deduct	*-13.60*	
		For >500 To 1,000, Deduct	*-27.24*	
		For >1,000, Deduct	*-38.66*	
21 13 13 00-0114	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, 300 PSI Rated, Extended Coverage, Pendent Chrome Wet Pipe Sprinkler Head	100.98	14.28
		For >25 To 50, Deduct	*-2.86*	
		For >50 To 100, Deduct	*-7.91*	
		For >100 To 500, Deduct	*-14.05*	
		For >500 To 1,000, Deduct	*-27.89*	
		For >1,000, Deduct	*-39.31*	
21 13 13 00-0115	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, 300 PSI Rated, Extended Coverage, Pendent White Polyester Coated Wet Pipe Sprinkler Head	104.47	14.28
		For >25 To 50, Deduct	*-2.86*	
		For >50 To 100, Deduct	*-8.08*	
		For >100 To 500, Deduct	*-14.49*	
		For >500 To 1,000, Deduct	*-28.52*	
		For >1,000, Deduct	*-39.94*	
21 13 13 00-0116	EA	1/2" NPT Thread, 1/2" Orifice, Decorative Pendent Chrome Wet Pipe Sprinkler Head	144.68	12.85
		For >25 To 50, Deduct	*-2.57*	
		For >50 To 100, Deduct	*-9.81*	
		For >100 To 500, Deduct	*-19.37*	
		For >500 To 1,000, Deduct	*-34.78*	
		For >1,000, Deduct	*-45.07*	
21 13 13 00-0117	EA	1/2" NPT Thread, 1/2" Orifice, Decorative Pendent White Polyester Coated Wet Pipe Sprinkler Head	144.68	12.85
		For >25 To 50, Deduct	*-2.57*	
		For >50 To 100, Deduct	*-9.81*	
		For >100 To 500, Deduct	*-19.37*	
		For >500 To 1,000, Deduct	*-34.78*	
		For >1,000, Deduct	*-45.07*	
21 13 13 00-0118	EA	3/4" NPT Thread, K=14.0, Extended Coverage, Pendent Brass Wet Pipe Sprinkler Head	107.27	14.28
		For >25 To 50, Deduct	*-2.86*	
		For >50 To 100, Deduct	*-8.22*	
		For >100 To 500, Deduct	*-14.84*	
		For >500 To 1,000, Deduct	*-29.02*	
		For >1,000, Deduct	*-40.45*	
21 13 13 00-0119	EA	3/4" NPT Thread, K=14.0, Extended Coverage, Pendent Chrome Wet Pipe Sprinkler Head	109.91	14.28
		For >25 To 50, Deduct	*-2.86*	
		For >50 To 100, Deduct	*-8.35*	
		For >100 To 500, Deduct	*-15.17*	
		For >500 To 1,000, Deduct	*-29.50*	
		For >1,000, Deduct	*-40.92*	
21 13 13 00-0120	EA	3/4" NPT Thread, K=14.0, Extended Coverage, Pendent White Polyester Coated Wet Pipe Sprinkler Head	109.91	14.28
		For >25 To 50, Deduct	*-2.86*	
		For >50 To 100, Deduct	*-8.35*	
		For >100 To 500, Deduct	*-15.17*	
		For >500 To 1,000, Deduct	*-29.50*	
		For >1,000, Deduct	*-40.92*	
21 13 13 00-0121	EA	3/4" NPT Thread, K=11.2, Extended Coverage, Pendent Brass Wet Pipe Sprinkler Head	103.67	14.28
		For >25 To 50, Deduct	*-2.86*	
		For >50 To 100, Deduct	*-8.04*	
		For >100 To 500, Deduct	*-14.39*	
		For >500 To 1,000, Deduct	*-28.37*	
		For >1,000, Deduct	*-39.80*	
21 13 13 00-0122	EA	3/4" NPT Thread, K=11.2, Extended Coverage, Pendent Chrome Wet Pipe Sprinkler Head	106.13	14.28
		For >25 To 50, Deduct	*-2.86*	
		For >50 To 100, Deduct	*-8.16*	
		For >100 To 500, Deduct	*-14.69*	
		For >500 To 1,000, Deduct	*-28.82*	
		For >1,000, Deduct	*-40.24*	
21 13 13 00-0123	EA	3/4" NPT Thread, K=11.2, Extended Coverage, Pendent White Polyester Coated Wet Pipe Sprinkler Head	106.13	14.28
		For >25 To 50, Deduct	*-2.86*	
		For >50 To 100, Deduct	*-8.16*	
		For >100 To 500, Deduct	*-14.69*	
		For >500 To 1,000, Deduct	*-28.82*	
		For >1,000, Deduct	*-40.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0124	EA	1/2" NPT Thread, K=5.6, Quick Response, Pendent Stainless Steel Wet Pipe Sprinkler Head	307.20	12.85
		For >25 To 50, Deduct	*-2.57*	
		For >50 To 100, Deduct	*-17.93*	
		For >100 To 500, Deduct	*-39.69*	
		For >500 To 1,000, Deduct	*-64.04*	
		For >1,000, Deduct	*-74.32*	
21 13 13 00-0125	EA	3/4" NPT Thread, K=8.0, Quick Response, Pendent Stainless Steel Wet Pipe Sprinkler Head	338.26	14.28
		For >25 To 50, Deduct	*-2.86*	
		For >50 To 100, Deduct	*-19.77*	
		For >100 To 500, Deduct	*-43.71*	
		For >500 To 1,000, Deduct	*-70.60*	
		For >1,000, Deduct	*-82.02*	
21 13 13 00-0126	EA	1/2" NPT Thread, K=5.6, High Temperature (400 To 500 Degree), Pendent Brass Wet Pipe Sprinkler Head	163.42	12.85
		For >25 To 50, Deduct	*-2.57*	
		For >50 To 100, Deduct	*-10.74*	
		For >100 To 500, Deduct	*-21.71*	
		For >500 To 1,000, Deduct	*-38.16*	
		For >1,000, Deduct	*-48.44*	
21 13 13 00-0127	EA	1/2" NPT Thread, K=5.6, High Temperature (400 To 500 Degree), Pendent Chrome Wet Pipe Sprinkler Head	200.88	12.85
		For >25 To 50, Deduct	*-2.57*	
		For >50 To 100, Deduct	*-12.62*	
		For >100 To 500, Deduct	*-26.40*	
		For >500 To 1,000, Deduct	*-44.90*	
		For >1,000, Deduct	*-55.18*	
21 13 13 00-0128	EA	1/2" NPT Thread, K=5.6, High Temperature (650 Degree), Pendent Brass Wet Pipe Sprinkler Head	357.53	12.85
		For >25 To 50, Deduct	*-2.57*	
		For >50 To 100, Deduct	*-20.45*	
		For >100 To 500, Deduct	*-45.98*	
		For >500 To 1,000, Deduct	*-73.10*	
		For >1,000, Deduct	*-83.38*	
21 13 13 00-0129	EA	1/2" NPT Thread, K=5.6, High Temperature (650 Degree), Pendent Chrome Wet Pipe Sprinkler Head	455.15	12.85
		For >25 To 50, Deduct	*-2.57*	
		For >50 To 100, Deduct	*-25.33*	
		For >100 To 500, Deduct	*-58.18*	
		For >500 To 1,000, Deduct	*-90.67*	
		For >1,000, Deduct	*-100.95*	
21 13 13 00-0130	EA	3/4" NPT Thread, K=8.0, High Temperature (400 To 500 Degree), Pendent Brass Wet Pipe Sprinkler Head	206.59	14.28
		For >25 To 50, Deduct	*-2.86*	
		For >50 To 100, Deduct	*-13.19*	
		For >100 To 500, Deduct	*-27.25*	
		For >500 To 1,000, Deduct	*-46.90*	
		For >1,000, Deduct	*-58.32*	
21 13 13 00-0131	EA	3/4" NPT Thread, K=8.0, High Temperature (400 To 500 Degree), Pendent Chrome Wet Pipe Sprinkler Head	207.72	14.28
		For >25 To 50, Deduct	*-2.86*	
		For >50 To 100, Deduct	*-13.24*	
		For >100 To 500, Deduct	*-27.39*	
		For >500 To 1,000, Deduct	*-47.10*	
		For >1,000, Deduct	*-58.53*	

21 13 13 00-0132 Sidewall Wet Pipe Sprinkler Heads *(21 13 13 00-0024)*

21 13 13 00-0133 Horizontal Sidewall Wet-Pipe Sprinkler Heads *(21 13 13 00-0132)*

21 13 13 00-0134	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Horizontal Sidewall Brass Wet Pipe Sprinkler Head	86.74	12.85
		For >25 To 50, Deduct	*-2.57*	
		For >50 To 100, Deduct	*-6.91*	
		For >100 To 500, Deduct	*-12.13*	
		For >500 To 1,000, Deduct	*-24.35*	
		For >1,000, Deduct	*-34.64*	
21 13 13 00-0135	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Horizontal Sidewall Chrome Wet Pipe Sprinkler Head	89.24	12.85
		For >25 To 50, Deduct	*-2.57*	
		For >50 To 100, Deduct	*-7.03*	
		For >100 To 500, Deduct	*-12.44*	
		For >500 To 1,000, Deduct	*-24.80*	
		For >1,000, Deduct	*-35.09*	
21 13 13 00-0136	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Horizontal Sidewall White Polyester Coated Wet Pipe Sprinkler Head	93.19	12.85
		For >25 To 50, Deduct	*-2.57*	
		For >50 To 100, Deduct	*-7.23*	
		For >100 To 500, Deduct	*-12.93*	
		For >500 To 1,000, Deduct	*-25.52*	
		For >1,000, Deduct	*-35.80*	
21 13 13 00-0137	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Horizontal Sidewall Brass Wet Pipe Sprinkler Head	88.15	12.85
		For >25 To 50, Deduct	*-2.57*	
		For >50 To 100, Deduct	*-6.98*	
		For >100 To 500, Deduct	*-12.30*	
		For >500 To 1,000, Deduct	*-24.61*	
		For >1,000, Deduct	*-34.89*	
21 13 13 00-0138	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Horizontal Sidewall Chrome Wet Pipe Sprinkler Head	90.70	12.85
		For >25 To 50, Deduct	*-2.57*	
		For >50 To 100, Deduct	*-7.11*	
		For >100 To 500, Deduct	*-12.62*	
		For >500 To 1,000, Deduct	*-25.07*	
		For >1,000, Deduct	*-35.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0139	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Horizontal Sidewall White Wet Pipe Sprinkler Head	94.73	12.85
		For >25 To 50, Deduct	*-2.57*	
		For >50 To 100, Deduct	*-7.31*	
		For >100 To 500, Deduct	*-13.13*	
		For >500 To 1,000, Deduct	*-25.79*	
		For >1,000, Deduct	*-36.08*	
21 13 13 00-0140	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Quick Response, Horizontal Sidewall Brass Wet Pipe Sprinkler Head	97.33	12.85
		For >25 To 50, Deduct	*-2.57*	
		For >50 To 100, Deduct	*-7.44*	
		For >100 To 500, Deduct	*-13.45*	
		For >500 To 1,000, Deduct	*-26.26*	
		For >1,000, Deduct	*-36.54*	
21 13 13 00-0141	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Quick Response, Horizontal Sidewall Chrome Wet Pipe Sprinkler Head	101.40	12.85
		For >25 To 50, Deduct	*-2.57*	
		For >50 To 100, Deduct	*-7.64*	
		For >100 To 500, Deduct	*-13.96*	
		For >500 To 1,000, Deduct	*-26.99*	
		For >1,000, Deduct	*-37.28*	
21 13 13 00-0142	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Horizontal Sidewall Brass Wet Pipe Sprinkler Head	105.11	14.28
		For >25 To 50, Deduct	*-2.86*	
		For >50 To 100, Deduct	*-8.11*	
		For >100 To 500, Deduct	*-14.57*	
		For >500 To 1,000, Deduct	*-28.63*	
		For >1,000, Deduct	*-40.06*	
21 13 13 00-0143	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Horizontal Sidewall Chrome Wet Pipe Sprinkler Head	111.21	14.28
		For >25 To 50, Deduct	*-2.86*	
		For >50 To 100, Deduct	*-8.42*	
		For >100 To 500, Deduct	*-15.33*	
		For >500 To 1,000, Deduct	*-29.73*	
		For >1,000, Deduct	*-41.16*	
21 13 13 00-0144	EA	1/2" NPT Thread, 3/8" Orifice, K=2.8, Quick Response, Horizontal Sidewall Brass Wet Pipe Sprinkler Head	106.11	12.85
		For >25 To 50, Deduct	*-2.57*	
		For >50 To 100, Deduct	*-7.88*	
		For >100 To 500, Deduct	*-14.55*	
		For >500 To 1,000, Deduct	*-27.84*	
		For >1,000, Deduct	*-38.13*	
21 13 13 00-0145	EA	1/2" NPT Thread, 3/8" Orifice, K=2.8, Quick Response, Horizontal Sidewall Chrome Wet Pipe Sprinkler Head	110.15	12.85
		For >25 To 50, Deduct	*-2.57*	
		For >50 To 100, Deduct	*-8.08*	
		For >100 To 500, Deduct	*-15.05*	
		For >500 To 1,000, Deduct	*-28.57*	
		For >1,000, Deduct	*-38.85*	
21 13 13 00-0146	EA	1/2" NPT Thread, 7/16" Orifice, K=4.2, Quick Response, Horizontal Sidewall Brass Wet Pipe Sprinkler Head	106.11	12.85
		For >25 To 50, Deduct	*-2.57*	
		For >50 To 100, Deduct	*-7.88*	
		For >100 To 500, Deduct	*-14.55*	
		For >500 To 1,000, Deduct	*-27.84*	
		For >1,000, Deduct	*-38.13*	
21 13 13 00-0147	EA	1/2" NPT Thread, 7/16" Orifice, K=4.2, Quick Response, Horizontal Sidewall Chrome Wet Pipe Sprinkler Head	110.15	12.85
		For >25 To 50, Deduct	*-2.57*	
		For >50 To 100, Deduct	*-8.08*	
		For >100 To 500, Deduct	*-15.05*	
		For >500 To 1,000, Deduct	*-28.57*	
		For >1,000, Deduct	*-38.85*	
21 13 13 00-0148	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Extended Coverage, Horizontal Sidewall Brass Wet Pipe Sprinkler Head	84.61	12.85
		For >25 To 50, Deduct	*-2.57*	
		For >50 To 100, Deduct	*-6.80*	
		For >100 To 500, Deduct	*-11.86*	
		For >500 To 1,000, Deduct	*-23.97*	
		For >1,000, Deduct	*-34.26*	
21 13 13 00-0149	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Extended Coverage, Horizontal Sidewall Chrome Wet Pipe Sprinkler Head	86.68	12.85
		For >25 To 50, Deduct	*-2.57*	
		For >50 To 100, Deduct	*-6.91*	
		For >100 To 500, Deduct	*-12.12*	
		For >500 To 1,000, Deduct	*-24.34*	
		For >1,000, Deduct	*-34.63*	
21 13 13 00-0150	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Extended Coverage, Horizontal Sidewall White Wet Pipe Sprinkler Head	89.25	12.85
		For >25 To 50, Deduct	*-2.57*	
		For >50 To 100, Deduct	*-7.03*	
		For >100 To 500, Deduct	*-12.44*	
		For >500 To 1,000, Deduct	*-24.81*	
		For >1,000, Deduct	*-35.09*	
21 13 13 00-0151	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Extended Coverage, Horizontal Sidewall Brass Wet Pipe Sprinkler Head	92.74	14.28
		For >25 To 50, Deduct	*-2.86*	
		For >50 To 100, Deduct	*-7.49*	
		For >100 To 500, Deduct	*-13.02*	
		For >500 To 1,000, Deduct	*-26.41*	
		For >1,000, Deduct	*-37.83*	
21 13 13 00-0152	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Extended Coverage, Horizontal Sidewall Chrome Wet Pipe Sprinkler Head	94.96	14.28
		For >25 To 50, Deduct	*-2.86*	
		For >50 To 100, Deduct	*-7.60*	
		For >100 To 500, Deduct	*-13.30*	
		For >500 To 1,000, Deduct	*-26.80*	
		For >1,000, Deduct	*-38.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0153	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Extended Coverage, Horizontal Sidewall White Wet Pipe Sprinkler Head	97.35	14.28
		For >25 To 50, Deduct	*-2.86*	
		For >50 To 100, Deduct	*-7.72*	
		For >100 To 500, Deduct	*-13.60*	
		For >500 To 1,000, Deduct	*-27.24*	
		For >1,000, Deduct	*-38.66*	
21 13 13 00-0154	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, 300 PSI Rated, Extended Coverage, Horizontal Sidewall Brass Wet Pipe Sprinkler Head	94.50	14.28
		For >25 To 50, Deduct	*-2.86*	
		For >50 To 100, Deduct	*-7.58*	
		For >100 To 500, Deduct	*-13.24*	
		For >500 To 1,000, Deduct	*-26.72*	
		For >1,000, Deduct	*-38.15*	
21 13 13 00-0155	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, 300 PSI Rated, Extended Coverage, Horizontal Sidewall Chrome Wet Pipe Sprinkler Head	96.80	14.28
		For >25 To 50, Deduct	*-2.86*	
		For >50 To 100, Deduct	*-7.70*	
		For >100 To 500, Deduct	*-13.53*	
		For >500 To 1,000, Deduct	*-27.14*	
		For >1,000, Deduct	*-38.56*	
21 13 13 00-0156	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, 300 PSI Rated, Extended Coverage, Horizontal Sidewall White Wet Pipe Sprinkler Head	99.29	14.28
		For >25 To 50, Deduct	*-2.86*	
		For >50 To 100, Deduct	*-7.82*	
		For >100 To 500, Deduct	*-13.84*	
		For >500 To 1,000, Deduct	*-27.58*	
		For >1,000, Deduct	*-39.01*	
21 13 13 00-0157	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Extended Coverage, Horizontal Sidewall Brass Wet Pipe Sprinkler Head	99.33	14.28
		For >25 To 50, Deduct	*-2.86*	
		For >50 To 100, Deduct	*-7.82*	
		For >100 To 500, Deduct	*-13.84*	
		For >500 To 1,000, Deduct	*-27.59*	
		For >1,000, Deduct	*-39.02*	
21 13 13 00-0158	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Extended Coverage, Horizontal Sidewall Chrome Wet Pipe Sprinkler Head	102.72	14.28
		For >25 To 50, Deduct	*-2.86*	
		For >50 To 100, Deduct	*-7.99*	
		For >100 To 500, Deduct	*-14.27*	
		For >500 To 1,000, Deduct	*-28.20*	
		For >1,000, Deduct	*-39.63*	
21 13 13 00-0159	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Extended Coverage, Horizontal Sidewall White Wet Pipe Sprinkler Head	102.72	14.28
		For >25 To 50, Deduct	*-2.86*	
		For >50 To 100, Deduct	*-7.99*	
		For >100 To 500, Deduct	*-14.27*	
		For >500 To 1,000, Deduct	*-28.20*	
		For >1,000, Deduct	*-39.63*	
21 13 13 00-0160	EA	1/2" NPT Thread, 1/2" Orifice, Decorative Horizontal Sidewall Chrome Wet Pipe Sprinkler Head	167.20	12.85
		For >25 To 50, Deduct	*-2.57*	
		For >50 To 100, Deduct	*-10.93*	
		For >100 To 500, Deduct	*-22.19*	
		For >500 To 1,000, Deduct	*-38.84*	
		For >1,000, Deduct	*-49.12*	
21 13 13 00-0161	EA	1/2" NPT Thread, 1/2" Orifice, Decorative Horizontal Sidewall White Wet Pipe Sprinkler Head	167.20	12.85
		For >25 To 50, Deduct	*-2.57*	
		For >50 To 100, Deduct	*-10.93*	
		For >100 To 500, Deduct	*-22.19*	
		For >500 To 1,000, Deduct	*-38.84*	
		For >1,000, Deduct	*-49.12*	
21 13 13 00-0162	EA	1/2" NPT Thread, K=5.6, High Temperature (360 Degree), Horizontal Sidewall Brass Wet Pipe Sprinkler Head	85.47	12.85
		For >25 To 50, Deduct	*-2.57*	
		For >50 To 100, Deduct	*-6.84*	
		For >100 To 500, Deduct	*-11.97*	
		For >500 To 1,000, Deduct	*-24.13*	
		For >1,000, Deduct	*-34.41*	
21 13 13 00-0163	EA	1/2" NPT Thread, K=5.6, High Temperature (360 Degree), Horizontal Sidewall Chrome Wet Pipe Sprinkler Head	85.47	12.85
		For >25 To 50, Deduct	*-2.57*	
		For >50 To 100, Deduct	*-6.84*	
		For >100 To 500, Deduct	*-11.97*	
		For >500 To 1,000, Deduct	*-24.13*	
		For >1,000, Deduct	*-34.41*	
21 13 13 00-0164	EA	1/2" NPT Thread, K=5.6, High Temperature (360 Degree), Horizontal Sidewall White Wet Pipe Sprinkler Head	85.47	12.85
		For >25 To 50, Deduct	*-2.57*	
		For >50 To 100, Deduct	*-6.84*	
		For >100 To 500, Deduct	*-11.97*	
		For >500 To 1,000, Deduct	*-24.13*	
		For >1,000, Deduct	*-34.41*	
21 13 13 00-0165		Vertical Sidewall Wet-Pipe Sprinkler Heads *(21 13 13 00-0132)*		
21 13 13 00-0166	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Vertical Sidewall Brass Wet Pipe Sprinkler Head	89.98	12.85
		For >25 To 50, Deduct	*-2.57*	
		For >50 To 100, Deduct	*-7.07*	
		For >100 To 500, Deduct	*-12.53*	
		For >500 To 1,000, Deduct	*-24.94*	
		For >1,000, Deduct	*-35.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0167	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Vertical Sidewall Chrome Wet Pipe Sprinkler Head	93.10	12.85
		For >25 To 50, Deduct	*-2.57*	
		For >50 To 100, Deduct	*-7.23*	
		For >100 To 500, Deduct	*-12.92*	
		For >500 To 1,000, Deduct	*-25.50*	
		For >1,000, Deduct	*-35.78*	
21 13 13 00-0168	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Vertical Sidewall White Wet Pipe Sprinkler Head	94.44	12.85
		For >25 To 50, Deduct	*-2.57*	
		For >50 To 100, Deduct	*-7.29*	
		For >100 To 500, Deduct	*-13.09*	
		For >500 To 1,000, Deduct	*-25.74*	
		For >1,000, Deduct	*-36.02*	
21 13 13 00-0169		Concealed Wet Pipe Sprinkler Heads *(21 13 13 00-0024)*		
21 13 13 00-0170		Concealed Pendant Wet-Pipe Sprinkler Heads *(21 13 13 00-0169)*		
21 13 13 00-0171	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Concealed Pendent Brass Wet Pipe Sprinkler Head, Low Lead Note: Excludes coverplate	129.89	17.14
		For >25 To 50, Deduct	*-3.43*	
		For >50 To 100, Deduct	*-9.92*	
		For >100 To 500, Deduct	*-17.95*	
		For >500 To 1,000, Deduct	*-35.04*	
		For >1,000, Deduct	*-48.75*	
21 13 13 00-0172	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Concealed Pendent Brass Wet Pipe Sprinkler Head Note: Excludes coverplate	93.28	17.14
		For >25 To 50, Deduct	*-3.43*	
		For >50 To 100, Deduct	*-8.09*	
		For >100 To 500, Deduct	*-13.37*	
		For >500 To 1,000, Deduct	*-28.45*	
		For >1,000, Deduct	*-42.16*	
21 13 13 00-0173	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Concealed Pendent Brass Wet Pipe Sprinkler Head Note: Excludes coverplate	94.62	17.14
		For >25 To 50, Deduct	*-3.43*	
		For >50 To 100, Deduct	*-8.16*	
		For >100 To 500, Deduct	*-13.54*	
		For >500 To 1,000, Deduct	*-28.69*	
		For >1,000, Deduct	*-42.40*	
21 13 13 00-0174	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Concealed Pendent Brass Wet Pipe Sprinkler Head Note: Excludes coverplate	118.49	18.57
		For >25 To 50, Deduct	*-3.71*	
		For >50 To 100, Deduct	*-9.64*	
		For >100 To 500, Deduct	*-16.67*	
		For >500 To 1,000, Deduct	*-33.96*	
		For >1,000, Deduct	*-48.81*	
21 13 13 00-0175	EA	1/2" NPT Thread, 7/16" Orifice, K=4.2, Concealed Pendent Brass Wet Pipe Sprinkler Head Note: Excludes coverplate	112.77	17.14
		For >25 To 50, Deduct	*-3.43*	
		For >50 To 100, Deduct	*-9.07*	
		For >100 To 500, Deduct	*-15.81*	
		For >500 To 1,000, Deduct	*-31.95*	
		For >1,000, Deduct	*-45.67*	
21 13 13 00-0176	EA	1/2" NPT Thread, 3/8" Orifice, K=2.8, Concealed Pendent Brass Wet Pipe Sprinkler Head Note: Excludes coverplate	112.77	17.14
		For >25 To 50, Deduct	*-3.43*	
		For >50 To 100, Deduct	*-9.07*	
		For >100 To 500, Deduct	*-15.81*	
		For >500 To 1,000, Deduct	*-31.95*	
		For >1,000, Deduct	*-45.67*	
21 13 13 00-0177	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Concealed Pendent Brass Wet Pipe Sprinkler Head Note: Excludes coverplate	118.49	18.57
		For >25 To 50, Deduct	*-3.71*	
		For >50 To 100, Deduct	*-9.64*	
		For >100 To 500, Deduct	*-16.67*	
		For >500 To 1,000, Deduct	*-33.96*	
		For >1,000, Deduct	*-48.81*	
21 13 13 00-0178	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Quick Response, Concealed Pendent Brass Wet Pipe Sprinkler Head Note: Excludes coverplate	104.20	17.14
		For >25 To 50, Deduct	*-3.43*	
		For >50 To 100, Deduct	*-8.64*	
		For >100 To 500, Deduct	*-14.74*	
		For >500 To 1,000, Deduct	*-30.41*	
		For >1,000, Deduct	*-44.12*	
21 13 13 00-0179	EA	1/2" NPT Thread, 7/16" Orifice, K=4.2, Quick Response, Concealed Pendent Brass Wet Pipe Sprinkler Head Note: Excludes coverplate	112.77	17.14
		For >25 To 50, Deduct	*-3.43*	
		For >50 To 100, Deduct	*-9.07*	
		For >100 To 500, Deduct	*-15.81*	
		For >500 To 1,000, Deduct	*-31.95*	
		For >1,000, Deduct	*-45.67*	
21 13 13 00-0180	EA	1/2" NPT Thread, 3/8" Orifice, K=2.8, Quick Response, Concealed Pendent Brass Wet Pipe Sprinkler Head Note: Excludes coverplate	112.77	17.14
		For >25 To 50, Deduct	*-3.43*	
		For >50 To 100, Deduct	*-9.07*	
		For >100 To 500, Deduct	*-15.81*	
		For >500 To 1,000, Deduct	*-31.95*	
		For >1,000, Deduct	*-45.67*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0181	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Quick Response, Concealed Pendent Brass Wet Pipe Sprinkler Head	106.23	17.14
		Note: Excludes coverplate		
		For >25 To 50, Deduct	*-3.43*	
		For >50 To 100, Deduct	*-8.74*	
		For >100 To 500, Deduct	*-14.99*	
		For >500 To 1,000, Deduct	*-30.78*	
		For >1,000, Deduct	*-44.49*	
21 13 13 00-0182	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Quick Response, Adjustable Concealed Pendent Brass Wet Pipe Sprinkler Head	175.24	20.00
		Note: Excludes coverplate		
		For >25 To 50, Deduct	*-4.00*	
		For >50 To 100, Deduct	*-12.76*	
		For >100 To 500, Deduct	*-23.90*	
		For >500 To 1,000, Deduct	*-45.14*	
		For >1,000, Deduct	*-61.14*	
21 13 13 00-0183	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Extended Coverage, Concealed Pendent Brass Wet Pipe Sprinkler Head	99.94	17.14
		Note: Excludes coverplate		
		For >25 To 50, Deduct	*-3.43*	
		For >50 To 100, Deduct	*-8.43*	
		For >100 To 500, Deduct	*-14.21*	
		For >500 To 1,000, Deduct	*-29.64*	
		For >1,000, Deduct	*-43.36*	
21 13 13 00-0184	EA	3/4" NPT Thread, 17/32" Orifice, K=5.6, Extended Coverage, Concealed Pendent Brass Wet Pipe Sprinkler Head	105.10	18.57
		Note: Excludes coverplate		
		For >25 To 50, Deduct	*-3.71*	
		For >50 To 100, Deduct	*-8.97*	
		For >100 To 500, Deduct	*-14.99*	
		For >500 To 1,000, Deduct	*-31.55*	
		For >1,000, Deduct	*-46.40*	
21 13 13 00-0185	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Extended Coverage, Concealed Pendent Brass Wet Pipe Sprinkler Head	101.14	17.14
		Note: Excludes coverplate		
		For >25 To 50, Deduct	*-3.43*	
		For >50 To 100, Deduct	*-8.49*	
		For >100 To 500, Deduct	*-14.36*	
		For >500 To 1,000, Deduct	*-29.86*	
		For >1,000, Deduct	*-43.57*	
21 13 13 00-0186	EA	3/4" NPT Thread, 17/32" Orifice, K=5.6, 300 PSI Rated, Extended Coverage, Concealed Pendent Brass Wet Pipe Sprinkler Head	106.86	18.57
		Note: Excludes coverplate		
		For >25 To 50, Deduct	*-3.71*	
		For >50 To 100, Deduct	*-9.06*	
		For >100 To 500, Deduct	*-15.21*	
		For >500 To 1,000, Deduct	*-31.86*	
		For >1,000, Deduct	*-46.72*	
21 13 13 00-0187	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Extended Coverage, Concealed Pendent Brass Wet Pipe Sprinkler Head	119.05	18.57
		Note: Excludes coverplate		
		For >25 To 50, Deduct	*-3.71*	
		For >50 To 100, Deduct	*-9.67*	
		For >100 To 500, Deduct	*-16.74*	
		For >500 To 1,000, Deduct	*-34.06*	
		For >1,000, Deduct	*-48.91*	
21 13 13 00-0188	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Concealed Pendent Non-Ferrous Sprinkler Head With Escutcheon And Adjustable Chrome Coverplate	203.02	20.00
		For >25 To 50, Deduct	*-4.00*	
		For >50 To 100, Deduct	*-14.15*	
		For >100 To 500, Deduct	*-27.38*	
		For >500 To 1,000, Deduct	*-50.14*	
		For >1,000, Deduct	*-66.14*	
21 13 13 00-0189	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Concealed Pendent Non-Ferrous Sprinkler Head With Escutcheon And Adjustable White Coverplate	203.02	20.00
		For >25 To 50, Deduct	*-4.00*	
		For >50 To 100, Deduct	*-14.15*	
		For >100 To 500, Deduct	*-27.38*	
		For >500 To 1,000, Deduct	*-50.14*	
		For >1,000, Deduct	*-66.14*	

21 13 13 00-0190 Concealed Horizontal Side Wall Wet-Pipe Sprinkler Heads *(21 13 13 00-0169)*

21 13 13 00-0191	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Quick Response, Concealed Horizontal Sidewall Brass Wet Pipe Sprinkler Head	140.07	17.14
		Note: Excludes coverplate		
		For >25 To 50, Deduct	*-3.43*	
		For >50 To 100, Deduct	*-10.43*	
		For >100 To 500, Deduct	*-19.22*	
		For >500 To 1,000, Deduct	*-36.87*	
		For >1,000, Deduct	*-50.58*	
21 13 13 00-0192	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Concealed Horizontal Sidewall Brass Wet Pipe Sprinkler Head	157.71	18.57
		Note: Excludes coverplate		
		For >25 To 50, Deduct	*-3.71*	
		For >50 To 100, Deduct	*-11.60*	
		For >100 To 500, Deduct	*-21.57*	
		For >500 To 1,000, Deduct	*-41.02*	
		For >1,000, Deduct	*-55.87*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0193	EA	1/2" NPT Thread, 1/2" Orifice, K=5.6, Quick Response, Extended Coverage, Concealed Horizontal Sidewall Brass Wet Pipe Sprinkler Head Note: Excludes coverplate	110.30	17.14
		For >25 To 50, Deduct	*-3.43*	
		For >50 To 100, Deduct	*-8.94*	
		For >100 To 500, Deduct	*-15.50*	
		For >500 To 1,000, Deduct	*-31.51*	
		For >1,000, Deduct	*-45.22*	
21 13 13 00-0194	EA	3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Extended Coverage, Concealed Horizontal Sidewall Brass Wet Pipe Sprinkler Head Note: Excludes coverplate	111.49	18.57
		For >25 To 50, Deduct	*-3.71*	
		For >50 To 100, Deduct	*-9.29*	
		For >100 To 500, Deduct	*-15.79*	
		For >500 To 1,000, Deduct	*-32.70*	
		For >1,000, Deduct	*-47.55*	

21 13 13 00-0195 Institutional Tamper Resistant Wet Pipe Sprinkler Heads *(21 13 13 00-0024)*

21 13 13 00-0196	EA	1/2" NPT Thread, K=5.6, Institutional Tamper Resistant, Pendant Chrome Wet Pipe Sprinkler Head Note: Complete assembly including escutcheon, spacers, retaining flange, and centering grommet.	334.10	14.28
		For >25 To 50, Deduct	*-2.86*	
		For >50 To 100, Deduct	*-19.56*	
		For >100 To 500, Deduct	*-43.19*	
		For >500 To 1,000, Deduct	*-69.85*	
		For >1,000, Deduct	*-81.28*	
21 13 13 00-0197	EA	1/2" NPT Thread, K=5.6, Institutional Tamper Resistant, Horizontal Sidewall Chrome Wet Pipe Sprinkler Head Note: Complete assembly including escutcheon, spacers, retaining flange, and centering grommet.	326.10	14.28
		For >25 To 50, Deduct	*-2.86*	
		For >50 To 100, Deduct	*-19.16*	
		For >100 To 500, Deduct	*-42.19*	
		For >500 To 1,000, Deduct	*-68.41*	
		For >1,000, Deduct	*-79.84*	
21 13 13 00-0198	EA	1/2" NPT Thread, K=5.6, Quick Response, Institutional Tamper Resistant, Pendant Chrome Wet Pipe Sprinkler Head	141.82	14.28
		For >25 To 50, Deduct	*-2.86*	
		For >50 To 100, Deduct	*-9.95*	
		For >100 To 500, Deduct	*-19.16*	
		For >500 To 1,000, Deduct	*-35.24*	
		For >1,000, Deduct	*-46.67*	
21 13 13 00-0199	EA	1/2" NPT Thread, K=5.6, Quick Response , Institutional Tamper Resistant, Horizontal Sidewall Chrome Wet Pipe Sprinkler Head	158.42	14.28
		For >25 To 50, Deduct	*-2.86*	
		For >50 To 100, Deduct	*-10.78*	
		For >100 To 500, Deduct	*-21.23*	
		For >500 To 1,000, Deduct	*-38.23*	
		For >1,000, Deduct	*-49.65*	

21 13 13 00-0200 Wet Pipe Sprinkler Head Accessories *(21 13 13 00-0011)*

21 13 13 00-0201 Sprinkler Adjustable Steel Drop Nipple *(21 13 13 00-0200)*

21 13 13 00-0202	EA	1" Male NPT x 1/2" Female NPT x 4.125" Minimum Length To 5.125" Maximum Length, Adjustable Steel Drop Nipple (Anvil M1.150)	56.55	14.75
		For >25 To 50, Deduct	*-1.23*	
		For >50 To 100, Deduct	*-4.06*	
		For >100 To 500, Deduct	*-7.68*	
		For >500 To 1,000, Deduct	*-14.36*	
		For >1,000, Deduct	*-19.28*	
21 13 13 00-0203	EA	1" Male NPT x 1/2" Female NPT x 6.125" Minimum Length To 9.125" Maximum Length, Adjustable Steel Drop Nipple (Anvil M3.150)	56.55	14.75
		For >25 To 50, Deduct	*-1.23*	
		For >50 To 100, Deduct	*-4.06*	
		For >100 To 500, Deduct	*-7.68*	
		For >500 To 1,000, Deduct	*-14.36*	
		For >1,000, Deduct	*-19.28*	
21 13 13 00-0204	EA	1" Male NPT x 1/2" Female NPT x 7.875" Minimum Length To 10.875" Maximum Length, Adjustable Steel Drop Nipple (Anvil ME3.150)	57.20	14.75
		For >25 To 50, Deduct	*-1.23*	
		For >50 To 100, Deduct	*-4.09*	
		For >100 To 500, Deduct	*-7.76*	
		For >500 To 1,000, Deduct	*-14.48*	
		For >1,000, Deduct	*-19.39*	
21 13 13 00-0205	EA	1" Female NPT x 1/2" Female NPT x 3.5" Minimum Length To 4.5" Maximum Length, Adjustable Steel Drop Nipple (Anvil F1.150)	50.47	14.75
		For >25 To 50, Deduct	*-1.23*	
		For >50 To 100, Deduct	*-3.75*	
		For >100 To 500, Deduct	*-6.92*	
		For >500 To 1,000, Deduct	*-13.26*	
		For >1,000, Deduct	*-18.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0206	EA	1" Female NPT x 1/2" Female NPT x 4.5" Minimum Length To 6.5" Maximum Length, Adjustable Steel Drop Nipple (Anvil F2.150)	50.47	14.75
		For >25 To 50, Deduct	*-1.23*	
		For >50 To 100, Deduct	*-3.75*	
		For >100 To 500, Deduct	*-6.92*	
		For >500 To 1,000, Deduct	*-13.26*	
		For >1,000, Deduct	*-18.18*	
21 13 13 00-0207	EA	1" Female NPT x 1/2" Female NPT x 5.5" Minimum Length To 8.5" Maximum Length, Adjustable Steel Drop Nipple (Anvil F3.150)	50.47	14.75
		For >25 To 50, Deduct	*-1.23*	
		For >50 To 100, Deduct	*-3.75*	
		For >100 To 500, Deduct	*-6.92*	
		For >500 To 1,000, Deduct	*-13.26*	
		For >1,000, Deduct	*-18.18*	
21 13 13 00-0208	EA	1" Female NPT x 3/4" Female NPT x 7.35" Minimum Length To 10.35" Maximum Length, Adjustable Steel Drop Nipple (Anvil F3.175)	56.38	16.04
		For >25 To 50, Deduct	*-1.34*	
		For >50 To 100, Deduct	*-4.16*	
		For >100 To 500, Deduct	*-7.72*	
		For >500 To 1,000, Deduct	*-14.69*	
		For >1,000, Deduct	*-20.04*	

21 13 13 00-0209 Sprinkler Head Escutcheon *(21 13 13 00-0200)*

21 13 13 00-0210	EA	2-7/8" Diameter x 1-1/8" Depth, Two Piece, 1/2" NPT, Brass Sprinkler Head Recessed Escutcheon	21.67	5.14
		For >25 To 50, Deduct	*-0.43*	
		For >50 To 100, Deduct	*-1.51*	
		For >100 To 500, Deduct	*-2.92*	
		For >500 To 1,000, Deduct	*-5.36*	
		For >1,000, Deduct	*-7.07*	
21 13 13 00-0211	EA	2-7/8" Diameter x 1-1/8" Depth, Two Piece, 1/2" NPT, Chrome Sprinkler Head Recessed Escutcheon	15.06	5.14
		For >25 To 50, Deduct	*-0.43*	
		For >50 To 100, Deduct	*-1.18*	
		For >100 To 500, Deduct	*-2.10*	
		For >500 To 1,000, Deduct	*-4.17*	
		For >1,000, Deduct	*-5.88*	
21 13 13 00-0212	EA	2-7/8" Diameter x 1-1/8" Depth, Two Piece, 1/2" NPT, White Sprinkler Head Recessed Escutcheon	15.06	5.14
		For >25 To 50, Deduct	*-0.43*	
		For >50 To 100, Deduct	*-1.18*	
		For >100 To 500, Deduct	*-2.10*	
		For >500 To 1,000, Deduct	*-4.17*	
		For >1,000, Deduct	*-5.88*	
21 13 13 00-0213	EA	2-7/8" Diameter x 1-1/8" Depth, Two Piece, 3/4" NPT, Brass Sprinkler Head Recessed Escutcheon	21.67	5.14
		For >25 To 50, Deduct	*-0.43*	
		For >50 To 100, Deduct	*-1.51*	
		For >100 To 500, Deduct	*-2.92*	
		For >500 To 1,000, Deduct	*-5.36*	
		For >1,000, Deduct	*-7.07*	
21 13 13 00-0214	EA	2-7/8" Diameter x 1-1/8" Depth, Two Piece, 3/4" NPT, Chrome Sprinkler Head Recessed Escutcheon	15.06	5.14
		For >25 To 50, Deduct	*-0.43*	
		For >50 To 100, Deduct	*-1.18*	
		For >100 To 500, Deduct	*-2.10*	
		For >500 To 1,000, Deduct	*-4.17*	
		For >1,000, Deduct	*-5.88*	
21 13 13 00-0215	EA	2-7/8" Diameter x 1-1/8" Depth, Two Piece, 3/4" NPT, White Sprinkler Head Recessed Escutcheon	15.06	5.14
		For >25 To 50, Deduct	*-0.43*	
		For >50 To 100, Deduct	*-1.18*	
		For >100 To 500, Deduct	*-2.10*	
		For >500 To 1,000, Deduct	*-4.17*	
		For >1,000, Deduct	*-5.88*	
21 13 13 00-0216	EA	2-7/8" Diameter x 7/8" Depth, Two Piece, 1/2" NPT, Brass Sprinkler Head Recessed Escutcheon	20.47	5.14
		For >25 To 50, Deduct	*-0.43*	
		For >50 To 100, Deduct	*-1.45*	
		For >100 To 500, Deduct	*-2.77*	
		For >500 To 1,000, Deduct	*-5.14*	
		For >1,000, Deduct	*-6.86*	
21 13 13 00-0217	EA	2-7/8" Diameter x 7/8" Depth, Two Piece, 1/2" NPT, Chrome Sprinkler Head Recessed Escutcheon	15.06	5.14
		For >25 To 50, Deduct	*-0.43*	
		For >50 To 100, Deduct	*-1.18*	
		For >100 To 500, Deduct	*-2.10*	
		For >500 To 1,000, Deduct	*-4.17*	
		For >1,000, Deduct	*-5.88*	
21 13 13 00-0218	EA	2-7/8" Diameter x 7/8" Depth, Two Piece, 1/2" NPT, White Sprinkler Head Recessed Escutcheon	15.06	5.14
		For >25 To 50, Deduct	*-0.43*	
		For >50 To 100, Deduct	*-1.18*	
		For >100 To 500, Deduct	*-2.10*	
		For >500 To 1,000, Deduct	*-4.17*	
		For >1,000, Deduct	*-5.88*	
21 13 13 00-0219	EA	2-7/8" Diameter x 7/8" Depth, Two Piece, 3/4" NPT, Brass Sprinkler Head Recessed Escutcheon	20.47	5.14
		For >25 To 50, Deduct	*-0.43*	
		For >50 To 100, Deduct	*-1.45*	
		For >100 To 500, Deduct	*-2.77*	
		For >500 To 1,000, Deduct	*-5.14*	
		For >1,000, Deduct	*-6.86*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0220	EA	2-7/8" Diameter x 7/8" Depth, Two Piece, 3/4" NPT, Chrome Sprinkler Head Recessed Escutcheon	15.06	5.14
		For >25 To 50, Deduct	*-0.43*	
		For >50 To 100, Deduct	*-1.18*	
		For >100 To 500, Deduct	*-2.10*	
		For >500 To 1,000, Deduct	*-4.17*	
		For >1,000, Deduct	*-5.88*	
21 13 13 00-0221	EA	2-7/8" Diameter x 7/8" Depth, Two Piece, 3/4" NPT, White Sprinkler Head Recessed Escutcheon	15.06	5.14
		For >25 To 50, Deduct	*-0.43*	
		For >50 To 100, Deduct	*-1.18*	
		For >100 To 500, Deduct	*-2.10*	
		For >500 To 1,000, Deduct	*-4.17*	
		For >1,000, Deduct	*-5.88*	
21 13 13 00-0222	EA	3-7/32" Diameter x 15/16" Depth, Two Piece, 1/2" NPT, Push-On/Thread-Off Chrome Sprinkler Head Recessed Escutcheon	21.07	5.14
		For >25 To 50, Deduct	*-0.43*	
		For >50 To 100, Deduct	*-1.48*	
		For >100 To 500, Deduct	*-2.85*	
		For >500 To 1,000, Deduct	*-5.25*	
		For >1,000, Deduct	*-6.96*	
21 13 13 00-0223	EA	3-7/32" Diameter x 15/16" Depth, Two Piece, 1/2" NPT, Push-On/Thread-Off White Sprinkler Head Recessed Escutcheon	21.07	5.14
		For >25 To 50, Deduct	*-0.43*	
		For >50 To 100, Deduct	*-1.48*	
		For >100 To 500, Deduct	*-2.85*	
		For >500 To 1,000, Deduct	*-5.25*	
		For >1,000, Deduct	*-6.96*	
21 13 13 00-0224	EA	2-7/8" Diameter x 11/16" Depth, One Piece, 1/2" NPT, Brass Sprinkler Head Escutcheon	8.36	3.77
		For >25 To 50, Deduct	*-0.29*	
		For >50 To 100, Deduct	*-0.70*	
		For >100 To 500, Deduct	*-1.19*	
		For >500 To 1,000, Deduct	*-2.48*	
		For >1,000, Deduct	*-3.62*	
21 13 13 00-0225	EA	2-7/8" Diameter x 11/16" Depth, One Piece, 1/2" NPT, Chrome Sprinkler Head Escutcheon	7.53	3.77
		For >25 To 50, Deduct	*-0.29*	
		For >50 To 100, Deduct	*-0.66*	
		For >100 To 500, Deduct	*-1.08*	
		For >500 To 1,000, Deduct	*-2.33*	
		For >1,000, Deduct	*-3.47*	
21 13 13 00-0226	EA	2-7/8" Diameter x 11/16" Depth, One Piece, 1/2" NPT, White Sprinkler Head Escutcheon	7.75	3.77
		For >25 To 50, Deduct	*-0.29*	
		For >50 To 100, Deduct	*-0.67*	
		For >100 To 500, Deduct	*-1.11*	
		For >500 To 1,000, Deduct	*-2.37*	
		For >1,000, Deduct	*-3.51*	
21 13 13 00-0227	EA	2-7/8" Diameter x 11/16" Depth, One Piece, 3/4" NPT, Brass Sprinkler Head Escutcheon	8.51	3.77
		For >25 To 50, Deduct	*-0.29*	
		For >50 To 100, Deduct	*-0.71*	
		For >100 To 500, Deduct	*-1.21*	
		For >500 To 1,000, Deduct	*-2.50*	
		For >1,000, Deduct	*-3.64*	
21 13 13 00-0228	EA	2-7/8" Diameter x 11/16" Depth, One Piece, 3/4" NPT, Chrome Sprinkler Head Escutcheon	7.68	3.77
		For >25 To 50, Deduct	*-0.29*	
		For >50 To 100, Deduct	*-0.67*	
		For >100 To 500, Deduct	*-1.10*	
		For >500 To 1,000, Deduct	*-2.35*	
		For >1,000, Deduct	*-3.50*	
21 13 13 00-0229	EA	2-7/8" Diameter x 11/16" Depth, One Piece, 3/4" NPT, White Sprinkler Head Escutcheon	7.68	3.77
		For >25 To 50, Deduct	*-0.29*	
		For >50 To 100, Deduct	*-0.67*	
		For >100 To 500, Deduct	*-1.10*	
		For >500 To 1,000, Deduct	*-2.35*	
		For >1,000, Deduct	*-3.50*	
21 13 13 00-0230	EA	2-7/8" Diameter x 1/8" Depth, One Piece, 1/2" NPT, Bright Brass Sprinkler Head Escutcheon	9.37	3.77
		For >25 To 50, Deduct	*-0.29*	
		For >50 To 100, Deduct	*-0.75*	
		For >100 To 500, Deduct	*-1.31*	
		For >500 To 1,000, Deduct	*-2.66*	
		For >1,000, Deduct	*-3.80*	
21 13 13 00-0231	EA	2-7/8" Diameter x 1/8" Depth, One Piece, 1/2" NPT, Chrome Sprinkler Head Escutcheon	7.65	3.77
		For >25 To 50, Deduct	*-0.29*	
		For >50 To 100, Deduct	*-0.67*	
		For >100 To 500, Deduct	*-1.10*	
		For >500 To 1,000, Deduct	*-2.35*	
		For >1,000, Deduct	*-3.49*	
21 13 13 00-0232	EA	2-7/8" Diameter x 1/8" Depth, One Piece, 1/2" NPT, White Sprinkler Head Escutcheon	7.65	3.77
		For >25 To 50, Deduct	*-0.29*	
		For >50 To 100, Deduct	*-0.67*	
		For >100 To 500, Deduct	*-1.10*	
		For >500 To 1,000, Deduct	*-2.35*	
		For >1,000, Deduct	*-3.49*	
21 13 13 00-0233	EA	3-1/2" Diameter x 2" Minimum To 3" Maximum Depth, Two Piece, 1/2" NPT, Brass Sprinkler Head Telescoping Escutcheon	12.62	5.28
		For >25 To 50, Deduct	*-0.40*	
		For >50 To 100, Deduct	*-1.03*	
		For >100 To 500, Deduct	*-1.78*	
		For >500 To 1,000, Deduct	*-3.63*	
		For >1,000, Deduct	*-5.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0234	EA	3-1/2" Diameter x 2" Minimum To 3" Maximum Depth, Two Piece, 1/2" NPT, Chrome Sprinkler Head Telescoping Escutcheon	12.16	5.28
		For >25 To 50, Deduct	*-0.40*	
		For >50 To 100, Deduct	*-1.01*	
		For >100 To 500, Deduct	*-1.72*	
		For >500 To 1,000, Deduct	*-3.55*	
		For >1,000, Deduct	*-5.15*	
21 13 13 00-0235	EA	3-1/2" Diameter x 2" Minimum To 3" Maximum Depth, Two Piece, 1/2" NPT, White Sprinkler Head Telescoping Escutcheon	12.31	5.28
		For >25 To 50, Deduct	*-0.40*	
		For >50 To 100, Deduct	*-1.02*	
		For >100 To 500, Deduct	*-1.74*	
		For >500 To 1,000, Deduct	*-3.58*	
		For >1,000, Deduct	*-5.18*	
21 13 13 00-0236	EA	3-1/2" Diameter x 2" Minimum To 3" Maximum Depth, Two Piece, 3/4" NPT, Brass Sprinkler Head Telescoping Escutcheon	12.77	5.28
		For >25 To 50, Deduct	*-0.40*	
		For >50 To 100, Deduct	*-1.04*	
		For >100 To 500, Deduct	*-1.80*	
		For >500 To 1,000, Deduct	*-3.66*	
		For >1,000, Deduct	*-5.26*	
21 13 13 00-0237	EA	3-1/2" Diameter x 2" Minimum To 3" Maximum Depth, Two Piece, 3/4" NPT, Chrome Sprinkler Head Telescoping Escutcheon	12.31	5.28
		For >25 To 50, Deduct	*-0.40*	
		For >50 To 100, Deduct	*-1.02*	
		For >100 To 500, Deduct	*-1.74*	
		For >500 To 1,000, Deduct	*-3.58*	
		For >1,000, Deduct	*-5.18*	
21 13 13 00-0238	EA	3-1/2" Diameter x 2" Minimum To 3" Maximum Depth, Two Piece, 3/4" NPT, White Sprinkler Head Telescoping Escutcheon	12.62	5.28
		For >25 To 50, Deduct	*-0.40*	
		For >50 To 100, Deduct	*-1.03*	
		For >100 To 500, Deduct	*-1.78*	
		For >500 To 1,000, Deduct	*-3.63*	
		For >1,000, Deduct	*-5.23*	
21 13 13 00-0239	EA	Flat Chrome Sprinkler Head Escutcheon For Decorative Pendent Sprinkler Head	26.52	5.14
		For >25 To 50, Deduct	*-0.43*	
		For >50 To 100, Deduct	*-1.75*	
		For >100 To 500, Deduct	*-3.53*	
		For >500 To 1,000, Deduct	*-6.23*	
		For >1,000, Deduct	*-7.94*	
21 13 13 00-0240	EA	Flat White Sprinkler Head Escutcheon For Decorative Pendent Sprinkler Head	26.52	5.14
		For >25 To 50, Deduct	*-0.43*	
		For >50 To 100, Deduct	*-1.75*	
		For >100 To 500, Deduct	*-3.53*	
		For >500 To 1,000, Deduct	*-6.23*	
		For >1,000, Deduct	*-7.94*	
21 13 13 00-0241	EA	Conical Chrome Sprinkler Head Escutcheon For Decorative Pendent Sprinkler Head	26.52	5.14
		For >25 To 50, Deduct	*-0.43*	
		For >50 To 100, Deduct	*-1.75*	
		For >100 To 500, Deduct	*-3.53*	
		For >500 To 1,000, Deduct	*-6.23*	
		For >1,000, Deduct	*-7.94*	
21 13 13 00-0242	EA	Conical White Sprinkler Head Escutcheon For Decorative Pendent Sprinkler Head	26.52	5.14
		For >25 To 50, Deduct	*-0.43*	
		For >50 To 100, Deduct	*-1.75*	
		For >100 To 500, Deduct	*-3.53*	
		For >500 To 1,000, Deduct	*-6.23*	
		For >1,000, Deduct	*-7.94*	
21 13 13 00-0243	EA	Chrome Sprinkler Head Escutcheon For Decorative Horizontal Sidewall Sprinkler Head	26.52	5.14
		For >25 To 50, Deduct	*-0.43*	
		For >50 To 100, Deduct	*-1.75*	
		For >100 To 500, Deduct	*-3.53*	
		For >500 To 1,000, Deduct	*-6.23*	
		For >1,000, Deduct	*-7.94*	
21 13 13 00-0244	EA	White Sprinkler Head Escutcheon For Decorative Horizontal Sidewall Sprinkler Head	26.52	5.14
		For >25 To 50, Deduct	*-0.43*	
		For >50 To 100, Deduct	*-1.75*	
		For >100 To 500, Deduct	*-3.53*	
		For >500 To 1,000, Deduct	*-6.23*	
		For >1,000, Deduct	*-7.94*	
21 13 13 00-0245	EA	2-Piece Chrome Sprinkler Head Escutcheon For Decorative Pendent Sprinkler Head	30.62	5.14
		For >25 To 50, Deduct	*-0.43*	
		For >50 To 100, Deduct	*-1.96*	
		For >100 To 500, Deduct	*-4.04*	
		For >500 To 1,000, Deduct	*-6.97*	
		For >1,000, Deduct	*-8.68*	
21 13 13 00-0246	EA	2-Piece White Sprinkler Head Escutcheon For Decorative Pendent Sprinkler Head	31.58	5.14
		For >25 To 50, Deduct	*-0.43*	
		For >50 To 100, Deduct	*-2.01*	
		For >100 To 500, Deduct	*-4.16*	
		For >500 To 1,000, Deduct	*-7.14*	
		For >1,000, Deduct	*-8.86*	

21 13 13 00-0247 Coverplate For Sprinkler Heads *(21 13 13 00-0200)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0248	EA	Chrome Coverplate For Concealed Pendent Sprinkler Head	63.07	5.82
		For >25 To 50, Deduct	*-0.49*	
		For >50 To 100, Deduct	*-3.64*	
		For >100 To 500, Deduct	*-8.13*	
		For >500 To 1,000, Deduct	*-13.00*	
		For >1,000, Deduct	*-14.95*	
21 13 13 00-0249	EA	White Coverplate For Concealed Pendent Sprinkler Head	30.51	5.82
		For >25 To 50, Deduct	*-0.49*	
		For >50 To 100, Deduct	*-2.01*	
		For >100 To 500, Deduct	*-4.06*	
		For >500 To 1,000, Deduct	*-7.14*	
		For >1,000, Deduct	*-9.08*	
21 13 13 00-0250	EA	Specialty Coverplate For Concealed Pendent Sprinkler Head	44.63	5.82
		For >25 To 50, Deduct	*-0.49*	
		For >50 To 100, Deduct	*-2.72*	
		For >100 To 500, Deduct	*-5.82*	
		For >500 To 1,000, Deduct	*-9.68*	
		For >1,000, Deduct	*-11.63*	
21 13 13 00-0251	EA	Brass Coverplate For Concealed Sidewall Sprinkler Head	40.96	5.82
		For >25 To 50, Deduct	*-0.49*	
		For >50 To 100, Deduct	*-2.53*	
		For >100 To 500, Deduct	*-5.36*	
		For >500 To 1,000, Deduct	*-9.02*	
		For >1,000, Deduct	*-10.97*	
21 13 13 00-0252	EA	Chrome Coverplate For Concealed Sidewall Sprinkler Head	32.65	5.82
		For >25 To 50, Deduct	*-0.49*	
		For >50 To 100, Deduct	*-2.12*	
		For >100 To 500, Deduct	*-4.32*	
		For >500 To 1,000, Deduct	*-7.53*	
		For >1,000, Deduct	*-9.47*	
21 13 13 00-0253	EA	White Coverplate For Concealed Sidewall Sprinkler Head	32.65	5.82
		For >25 To 50, Deduct	*-0.49*	
		For >50 To 100, Deduct	*-2.12*	
		For >100 To 500, Deduct	*-4.32*	
		For >500 To 1,000, Deduct	*-7.53*	
		For >1,000, Deduct	*-9.47*	
21 13 13 00-0254	EA	Off-White Coverplate For Concealed Sidewall Sprinkler Head	40.96	5.82
		For >25 To 50, Deduct	*-0.49*	
		For >50 To 100, Deduct	*-2.53*	
		For >100 To 500, Deduct	*-5.36*	
		For >500 To 1,000, Deduct	*-9.02*	
		For >1,000, Deduct	*-10.97*	
21 13 13 00-0255	EA	Black Painted Coverplate For Concealed Sidewall Sprinkler Head	40.96	5.82
		For >25 To 50, Deduct	*-0.49*	
		For >50 To 100, Deduct	*-2.53*	
		For >100 To 500, Deduct	*-5.36*	
		For >500 To 1,000, Deduct	*-9.02*	
		For >1,000, Deduct	*-10.97*	
21 13 13 00-0256	EA	Black Plated Coverplate For Concealed Sidewall Sprinkler Head	47.55	5.82
		For >25 To 50, Deduct	*-0.49*	
		For >50 To 100, Deduct	*-2.86*	
		For >100 To 500, Deduct	*-6.19*	
		For >500 To 1,000, Deduct	*-10.21*	
		For >1,000, Deduct	*-12.15*	
21 13 13 00-0257	EA	Bright Brass Coverplate For Concealed Sidewall Sprinkler Head	47.55	5.82
		For >25 To 50, Deduct	*-0.49*	
		For >50 To 100, Deduct	*-2.86*	
		For >100 To 500, Deduct	*-6.19*	
		For >500 To 1,000, Deduct	*-10.21*	
		For >1,000, Deduct	*-12.15*	
21 13 13 00-0258	EA	Satin Chrome Coverplate For Concealed Sidewall Sprinkler Head	47.55	5.82
		For >25 To 50, Deduct	*-0.49*	
		For >50 To 100, Deduct	*-2.86*	
		For >100 To 500, Deduct	*-6.19*	
		For >500 To 1,000, Deduct	*-10.21*	
		For >1,000, Deduct	*-12.15*	
21 13 13 00-0259	EA	Specialty Coverplate For Concealed Sidewall Sprinkler Head	41.00	5.82
		For >25 To 50, Deduct	*-0.49*	
		For >50 To 100, Deduct	*-2.54*	
		For >100 To 500, Deduct	*-5.37*	
		For >500 To 1,000, Deduct	*-9.03*	
		For >1,000, Deduct	*-10.97*	
21 13 13 00-0260	EA	White Coverplate For Quick Release Concealed Sidewall Sprinkler Head	70.11	6.86
		For >25 To 50, Deduct	*-0.57*	
		For >50 To 100, Deduct	*-4.08*	
		For >100 To 500, Deduct	*-9.05*	
		For >500 To 1,000, Deduct	*-14.56*	
		For >1,000, Deduct	*-16.85*	
21 13 13 00-0261	EA	Chrome Cover Plate For Concealed Pendent Sprinkler Head (Tyco RFII)	29.56	5.71

21 13 13 00-0262 Sprinkler Escutcheon Extension Tube *(21 13 13 00-0200)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0263	EA	2.18" Diameter x 4" Long Stainless Steel With Chrome Or White Finish, Escutcheon Extension Tube Note: For use with 2 piece escutcheons	16.03	3.43
		For >25 To 50, Deduct	*-0.29*	
		For >50 To 100, Deduct	*-1.09*	
		For >100 To 500, Deduct	*-2.15*	
		For >500 To 1,000, Deduct	*-3.86*	
		For >1,000, Deduct	*-5.00*	
21 13 13 00-0264	EA	2.18" Diameter x 6" Long Stainless Steel With Chrome Or White Finish, Escutcheon Extension Tube Note: For use with 2 piece escutcheons	20.90	3.60
		For >25 To 50, Deduct	*-0.30*	
		For >50 To 100, Deduct	*-1.34*	
		For >100 To 500, Deduct	*-2.76*	
		For >500 To 1,000, Deduct	*-4.78*	
		For >1,000, Deduct	*-5.98*	
21 13 13 00-0265	EA	2.18" Diameter x 8" Long Stainless Steel With Chrome Or White Finish, Escutcheon Extension Tube Note: For use with 2 piece escutcheons	26.36	3.77
		For >25 To 50, Deduct	*-0.31*	
		For >50 To 100, Deduct	*-1.63*	
		For >100 To 500, Deduct	*-3.45*	
		For >500 To 1,000, Deduct	*-5.81*	
		For >1,000, Deduct	*-7.07*	
21 13 13 00-0266	EA	2.18" Diameter x 10" Long Stainless Steel With Chrome Or White Finish, Escutcheon Extension Tube Note: For use with 2 piece escutcheons	31.22	3.94
		For >25 To 50, Deduct	*-0.33*	
		For >50 To 100, Deduct	*-1.89*	
		For >100 To 500, Deduct	*-4.07*	
		For >500 To 1,000, Deduct	*-6.74*	
		For >1,000, Deduct	*-8.05*	

21 13 13 00-0267 Sprinkler Head Guards *(21 13 13 00-0200)*

21 13 13 00-0268	EA	Universal Sprinkler Head Guard, C-1	23.71	10.29
		For >25 To 50, Deduct	*-0.86*	
		For >50 To 100, Deduct	*-2.04*	
		For >100 To 500, Deduct	*-3.39*	
		For >500 To 1,000, Deduct	*-7.18*	
		For >1,000, Deduct	*-10.61*	
21 13 13 00-0269	EA	Dry Pendent Sprinkler Head Guard, C-2	26.25	10.29
		For >25 To 50, Deduct	*-0.86*	
		For >50 To 100, Deduct	*-2.17*	
		For >100 To 500, Deduct	*-3.71*	
		For >500 To 1,000, Deduct	*-7.64*	
		For >1,000, Deduct	*-11.07*	
21 13 13 00-0270	EA	Upright Sprinkler Head Guard With Water Shield, C-3	30.59	10.29
		For >25 To 50, Deduct	*-0.86*	
		For >50 To 100, Deduct	*-2.39*	
		For >100 To 500, Deduct	*-4.25*	
		For >500 To 1,000, Deduct	*-8.42*	
		For >1,000, Deduct	*-11.85*	
21 13 13 00-0271	EA	Pendent Sprinkler Head Guard With Water Shield, C-5	35.94	10.29
		For >25 To 50, Deduct	*-0.86*	
		For >50 To 100, Deduct	*-2.65*	
		For >100 To 500, Deduct	*-4.92*	
		For >500 To 1,000, Deduct	*-9.38*	
		For >1,000, Deduct	*-12.81*	
21 13 13 00-0272	EA	Universal Sprinkler Head Guard, D-1	26.15	10.29
		For >25 To 50, Deduct	*-0.86*	
		For >50 To 100, Deduct	*-2.16*	
		For >100 To 500, Deduct	*-3.70*	
		For >500 To 1,000, Deduct	*-7.62*	
		For >1,000, Deduct	*-11.05*	
21 13 13 00-0273	EA	Upright Sprinkler Head Guard With Water Shield, D-3	27.80	10.29
		For >25 To 50, Deduct	*-0.86*	
		For >50 To 100, Deduct	*-2.25*	
		For >100 To 500, Deduct	*-3.90*	
		For >500 To 1,000, Deduct	*-7.92*	
		For >1,000, Deduct	*-11.35*	
21 13 13 00-0274	EA	Pendent Sprinkler Head Guard With Large Water Shield, D-4	40.07	10.29
		For >25 To 50, Deduct	*-0.86*	
		For >50 To 100, Deduct	*-2.86*	
		For >100 To 500, Deduct	*-5.44*	
		For >500 To 1,000, Deduct	*-10.13*	
		For >1,000, Deduct	*-13.55*	
21 13 13 00-0275	EA	Pendent Sprinkler Head Guard With Small Water Shield, D-5	37.61	10.29
		For >25 To 50, Deduct	*-0.86*	
		For >50 To 100, Deduct	*-2.74*	
		For >100 To 500, Deduct	*-5.13*	
		For >500 To 1,000, Deduct	*-9.68*	
		For >1,000, Deduct	*-13.11*	

21 13 13 00-0276 Flexible Sprinkler Piping *(21 13 13 00-0011)*

Note: 1" Diameter stainless steel flexible pipe with either 1/2" or 3/4" outlet.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0277	EA	2' Long, 3/4" Stainless Steel Flexible Sprinkler Piping Note: Includes ceiling mounting bracket.	77.30	17.71
		For >25 To 50, Deduct	*-1.79*	
		For >50 To 100, Deduct	*-5.65*	
		For >100 To 500, Deduct	*-10.56*	
		For >500 To 1,000, Deduct	*-19.98*	
		For >1,000, Deduct	*-27.13*	
21 13 13 00-0278	EA	3' Long, 3/4" Stainless Steel Flexible Sprinkler Piping Note: Includes ceiling mounting bracket.	85.52	18.28
		For >25 To 50, Deduct	*-1.88*	
		For >50 To 100, Deduct	*-6.16*	
		For >100 To 500, Deduct	*-11.63*	
		For >500 To 1,000, Deduct	*-21.78*	
		For >1,000, Deduct	*-29.30*	
21 13 13 00-0279	EA	4' Long, 3/4" Stainless Steel Flexible Sprinkler Piping Note: Includes ceiling mounting bracket.	93.91	19.42
		For >25 To 50, Deduct	*-1.98*	
		For >50 To 100, Deduct	*-6.68*	
		For >100 To 500, Deduct	*-12.73*	
		For >500 To 1,000, Deduct	*-23.65*	
		For >1,000, Deduct	*-31.58*	
21 13 13 00-0280	EA	5' Long, 3/4" Stainless Steel Flexible Sprinkler Piping Note: Includes ceiling mounting bracket.	102.59	20.57
		For >25 To 50, Deduct	*-2.10*	
		For >50 To 100, Deduct	*-7.23*	
		For >100 To 500, Deduct	*-13.87*	
		For >500 To 1,000, Deduct	*-25.61*	
		For >1,000, Deduct	*-34.01*	
21 13 13 00-0281	EA	6' Long, 3/4" Stainless Steel Flexible Sprinkler Piping Note: Includes ceiling mounting bracket.	111.54	22.86
		For >25 To 50, Deduct	*-2.23*	
		For >50 To 100, Deduct	*-7.81*	
		For >100 To 500, Deduct	*-15.06*	
		For >500 To 1,000, Deduct	*-27.67*	
		For >1,000, Deduct	*-36.59*	

21 13 13 00-0282 Sprinkler Emergency Cabinets *(21 13 13 00-0011)*

21 13 13 00-0283	EA	3 Capacity Emergency Sprinkler Cabinet, A4	136.31
21 13 13 00-0284	EA	6 Capacity Emergency Sprinkler Cabinet, A4	142.02
21 13 13 00-0285	EA	12 Capacity Emergency Sprinkler Cabinet, A4	154.33
21 13 13 00-0286	EA	12 Capacity Emergency Sprinkler Cabinet, A3	513.99
21 13 13 00-0287	EA	Sprinkler Wrench, RC1	261.88
21 13 13 00-0288	EA	Sprinkler Wrench, FC	260.87
21 13 13 00-0289	EA	Sprinkler Wrench, W2	86.62

21 13 16 Dry-Pipe Sprinkler Systems *(21 13)*

21 13 16 00-0001 Complete Dry Pipe Sprinkler Systems Assembly *(21 13 16)*

Note: Includes all branch line piping (standard weight threaded black steel, less than 2-1/2" diameter pipe, fittings, branch valves, hangers, sprinkler heads, etc. From riser pipe and mains. Excludes outside mains, inside vertical or horizontal pipe mains, greater than 2" diameter. The coverage of one sprinkler head varies from about 180 SF for light hazard occupancy, about 155 SF for ordinary, 90 to about 130 SF for extra hazard conditions. Excludes special alarm valves, gate valves, check valves, flow control devices, water motor gong assembly, Siamese connections, standpipes and fittings, pipe mains and fittings, fire pumps and tanks. Not for use where detail is available. For sprinkler repairs or sprinkler head replacements use specific pipe, fittings, hangers, valves, and sprinkler head components. See CSI section 23 21 13 23-1395 for individual grooved pipe, 23 21 13 23-1468 for individual grooved pipe fittings.

21 13 16 00-0002 Light Hazard, Dry-Pipe Sprinkler System Assemblies *(21 13 16 00-0001)*

21 13 16 00-0003	EA	Exposed Piping, Light Hazard, Per Head, Dry-Pipe Sprinkler System Assembly Note: Includes branch pipe and fittings, supports and sprinkler heads.	1,122.77
		For Up To 5, Add	*489.22*
		For >5 To 10, Add	*212.54*
		For >10 To 20, Add	*172.44*
		For >20 To 40, Add	*76.19*
		For >100 To 150, Deduct	*-112.28*
		For >150, Deduct	*-224.55*
		For Copper Pipe, Add	*148.36*
		For Polyvinyl Chloride (PVC) Pipe, Deduct	*-204.50*
21 13 16 00-0004	EA	Concealed Piping, Light Hazard, Per Head, Dry-Pipe Sprinkler System Assembly Note: Includes branch pipe and fittings, supports and sprinkler heads with flat or conical escutcheon.	1,319.78
		For Up To 5, Add	*582.32*
		For >5 To 10, Add	*267.99*
		For >10 To 20, Add	*213.58*
		For >20 To 40, Add	*93.19*
		For >100 To 150, Deduct	*-131.98*
		For >150, Deduct	*-263.96*
		For Copper Pipe, Add	*170.77*
		For Polyvinyl Chloride (PVC) Pipe, Deduct	*-236.75*
		For Work In Restricted Working Space, Add	*163.21*

21 13 16 00-0005 Ordinary Hazard, Dry-Pipe Sprinkler System Assemblies *(21 13 16 00-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 16 00-0006	EA	Exposed Piping, Ordinary Hazard, Per Head, Dry-Pipe Sprinkler System Assembly	1,083.43	
		Note: Includes branch pipe and fittings, supports and sprinkler heads.		
		For Up To 5, Add	*472.98*	
		For >5 To 10, Add	*207.36*	
		For >10 To 20, Add	*167.76*	
		For >20 To 40, Add	*73.98*	
		For >100 To 150, Deduct	*-108.34*	
		For >150, Deduct	*-216.69*	
		For Copper Pipe, Add	*142.71*	
		For Polyvinyl Chloride (PVC) Pipe, Deduct	*-196.88*	
21 13 16 00-0007	EA	Concealed Piping, Ordinary Hazard, Per Head, Dry-Pipe Sprinkler System Assembly	1,276.35	
		Note: Includes branch pipe and fittings, supports and sprinkler heads with flat or conical escutcheon.		
		For Up To 5, Add	*564.29*	
		For >5 To 10, Add	*262.01*	
		For >10 To 20, Add	*208.26*	
		For >20 To 40, Add	*90.69*	
		For >100 To 150, Deduct	*-127.64*	
		For >150, Deduct	*-255.27*	
		For Copper Pipe, Add	*164.58*	
		For Polyvinyl Chloride (PVC) Pipe, Deduct	*-228.40*	
		For Work In Restricted Working Space, Add	*161.24*	
21 13 16 00-0008		**Extra Hazard, Dry-Pipe Sprinkler System Assemblies** *(21 13 16 00-0001)*		
21 13 16 00-0009	EA	Exposed Piping, Extra Hazard, Per Head, Dry-Pipe Sprinkler System Assembly	1,020.36	
		Note: Includes branch pipe and fittings, supports and sprinkler heads.		
		For Up To 5, Add	*445.05*	
		For >5 To 10, Add	*194.31*	
		For >10 To 20, Add	*157.40*	
		For >20 To 40, Add	*69.47*	
		For >100 To 150, Deduct	*-102.04*	
		For >150, Deduct	*-204.07*	
		For Copper Pipe, Add	*134.60*	
		For Polyvinyl Chloride (PVC) Pipe, Deduct	*-185.62*	
21 13 16 00-0010	EA	Concealed Piping, Extra Hazard, Per Head, Dry-Pipe Sprinkler System Assembly	1,187.74	
		Note: Includes branch pipe and fittings, supports and sprinkler heads with flat or conical escutcheon.		
		For Up To 5, Add	*525.16*	
		For >5 To 10, Add	*243.93*	
		For >10 To 20, Add	*193.87*	
		For >20 To 40, Add	*84.42*	
		For >100 To 150, Deduct	*-118.77*	
		For >150, Deduct	*-237.55*	
		For Copper Pipe, Add	*153.13*	
		For Polyvinyl Chloride (PVC) Pipe, Deduct	*-212.52*	
		For Work In Restricted Working Space, Add	*150.19*	
21 13 16 00-0011		**Dry-Pipe Sprinkler System Compressors** *(21 13 16 00-0001)*		
21 13 16 00-0012	EA	Dry System Air Compressor, 3/4 HP With Alarm Valve Flange With Gauge	2,585.59	324.05
21 13 16 00-0013	EA	Dry System Air Compressor, 1 HP With Alarm Valve Flange With Gauge	2,701.27	324.05
21 13 16 00-0014	EA	Dry System Air Compressor, 1-1/2 HP With Alarm Valve Flange With Gauge	2,798.87	324.05
21 13 16 00-0015	EA	Dry System Air Compressor, 2 HP With Alarm Valve Flange With Gauge	3,178.42	324.05
21 13 16 00-0016		**Dry Pipe Sprinkler System Components** *(21 13 16)*		
21 13 16 00-0017		**Dry Pipe Valves** *(21 13 16 00-0016)*		
		Note: Excludes trim package See CSI section 21 13 16 00-0023 for Dry Pipe Valve Trim.		
21 13 16 00-0018	EA	2-1/2" Dry Pipe Valve	4,416.04	220.52
21 13 16 00-0019	EA	3" Dry Pipe Valve	4,915.27	252.59
21 13 16 00-0020	EA	4" Dry Pipe Valve	5,452.32	429.01
21 13 16 00-0021	EA	6" Dry Pipe Valve	6,914.87	541.28
21 13 16 00-0022	EA	8" Dry Pipe Valve	10,620.66	545.28
21 13 16 00-0023		**Dry Pipe Valve Trim** *(21 13 16 00-0016)*		
		Note: Includes gauges, pressure switch, air supply and drain lines.		
21 13 16 00-0024	EA	2-1/2" Dry Pipe Valve Trim	2,107.30	311.14
21 13 16 00-0025	EA	3" Dry Pipe Valve Trim	2,155.40	342.14
21 13 16 00-0026	EA	4" Dry Pipe Valve Trim	2,415.77	426.60
21 13 16 00-0027	EA	6" Dry Pipe Valve Trim	2,554.77	513.21
21 13 16 00-0028	EA	8" Dry Pipe Valve Trim	2,880.12	577.37
21 13 16 00-0029		**Dry Pipe Fire Protection Air Compressors** *(21 13 16 00-0016)*		
21 13 16 00-0030	EA	1.46 CFM, 1/6 HP, 125 Gallon Capacity, Oil-Less, Riser Mount, Fire Protection Air Compressors	1,345.77	158.27
21 13 16 00-0031	EA	3.03 CFM, 1/3 HP, 250 Gallon Capacity, Oil-Less, Riser Mount, Fire Protection Air Compressors	1,632.15	168.48
21 13 16 00-0032	EA	4.85 CFM, 1/2 HP, 400 Gallon Capacity, Oil-Less, Riser Mount, Fire Protection Air Compressors	2,087.22	179.71
21 13 16 00-0033	EA	6.06 CFM, 3/4 HP, 500 Gallon Capacity, Oil-Less, Riser Mount, Fire Protection Air Compressors	2,274.43	207.28
21 13 16 00-0034	EA	7.28 CFM, 1 HP, 600 Gallon Capacity, Oil-Less, Riser Mount, Fire Protection Air Compressors	2,814.70	245.07
21 13 16 00-0035	EA	11.1 CFM, 1-1/2 HP, 915 Gallon Capacity, Oil-Less, Riser Mount, Fire Protection Air Compressors	3,553.47	259.36
21 13 16 00-0036	EA	14.85 CFM, 2 HP, 1225 Gallon Capacity, Oil-Less, Riser Mount, Fire Protection Air Compressors	4,303.39	269.57

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 16 00-0037		**Dry Pipe Fire Protection Nitrogen Generator** *(21 13 16 00-0016)*		
21 13 16 00-0038	EA	675 Gallon Total System Capacity, Wall Mount, Fire Protection Nitrogen Generator	9,717.51	245.07
21 13 16 00-0039	EA	950 Gallon Total System Capacity, Wall Mount, Fire Protection Nitrogen Generator	10,781.65	259.36
21 13 16 00-0040	EA	2,000 Gallon Total System Capacity, Wall Mount, Fire Protection Nitrogen Generator	15,314.49	336.96
21 13 16 00-0041		**Recessed Pendent Dry Pipe Sprinkler Heads, Quick Response** *(21 13 16 00-0016)*		
21 13 16 00-0042	EA	3-1/2" To 5-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head	242.39	22.63
		For >25 To 50, Deduct	*-3.43*	
		For >50 To 100, Deduct	*-15.55*	
		For >100 To 500, Deduct	*-32.01*	
		For >500 To 1,000, Deduct	*-55.29*	
		For >1,000, Deduct	*-69.00*	
21 13 16 00-0043	EA	6" To 8-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head	252.40	22.63
		For >25 To 50, Deduct	*-3.43*	
		For >50 To 100, Deduct	*-16.05*	
		For >100 To 500, Deduct	*-33.26*	
		For >500 To 1,000, Deduct	*-57.09*	
		For >1,000, Deduct	*-70.80*	
21 13 16 00-0044	EA	9" To 11-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head	262.42	22.63
		For >25 To 50, Deduct	*-3.43*	
		For >50 To 100, Deduct	*-16.55*	
		For >100 To 500, Deduct	*-34.52*	
		For >500 To 1,000, Deduct	*-58.89*	
		For >1,000, Deduct	*-72.60*	
21 13 16 00-0045	EA	12" To 14-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head	272.46	22.63
		For >25 To 50, Deduct	*-3.43*	
		For >50 To 100, Deduct	*-17.05*	
		For >100 To 500, Deduct	*-35.77*	
		For >500 To 1,000, Deduct	*-60.70*	
		For >1,000, Deduct	*-74.41*	
21 13 16 00-0046	EA	15" To 17-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head	282.48	22.63
		For >25 To 50, Deduct	*-3.43*	
		For >50 To 100, Deduct	*-17.55*	
		For >100 To 500, Deduct	*-37.02*	
		For >500 To 1,000, Deduct	*-62.50*	
		For >1,000, Deduct	*-76.21*	
21 13 16 00-0047	EA	18" To 20-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head	292.50	22.63
		For >25 To 50, Deduct	*-3.43*	
		For >50 To 100, Deduct	*-18.05*	
		For >100 To 500, Deduct	*-38.28*	
		For >500 To 1,000, Deduct	*-64.31*	
		For >1,000, Deduct	*-78.02*	
21 13 16 00-0048	EA	21" To 23-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head	302.51	22.63
		For >25 To 50, Deduct	*-3.43*	
		For >50 To 100, Deduct	*-18.55*	
		For >100 To 500, Deduct	*-39.53*	
		For >500 To 1,000, Deduct	*-66.11*	
		For >1,000, Deduct	*-79.82*	
21 13 16 00-0049	EA	24" To 26-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head	312.55	22.63
		For >25 To 50, Deduct	*-3.43*	
		For >50 To 100, Deduct	*-19.06*	
		For >100 To 500, Deduct	*-40.78*	
		For >500 To 1,000, Deduct	*-67.91*	
		For >1,000, Deduct	*-81.63*	
21 13 16 00-0050	EA	27" To 29-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head	322.56	22.63
		For >25 To 50, Deduct	*-3.43*	
		For >50 To 100, Deduct	*-19.56*	
		For >100 To 500, Deduct	*-42.03*	
		For >500 To 1,000, Deduct	*-69.72*	
		For >1,000, Deduct	*-83.43*	
21 13 16 00-0051	EA	30" To 32-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head	332.58	22.63
		For >25 To 50, Deduct	*-3.43*	
		For >50 To 100, Deduct	*-20.06*	
		For >100 To 500, Deduct	*-43.29*	
		For >500 To 1,000, Deduct	*-71.52*	
		For >1,000, Deduct	*-85.23*	
21 13 16 00-0052	EA	33" To 35-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head	342.62	22.63
		For >25 To 50, Deduct	*-3.43*	
		For >50 To 100, Deduct	*-20.56*	
		For >100 To 500, Deduct	*-44.54*	
		For >500 To 1,000, Deduct	*-73.33*	
		For >1,000, Deduct	*-87.04*	
21 13 16 00-0053	EA	36" To 38-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head	352.64	22.63
		For >25 To 50, Deduct	*-3.43*	
		For >50 To 100, Deduct	*-21.06*	
		For >100 To 500, Deduct	*-45.79*	
		For >500 To 1,000, Deduct	*-75.13*	
		For >1,000, Deduct	*-88.84*	
21 13 16 00-0054	EA	39" To 41-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head	362.68	22.63
		For >25 To 50, Deduct	*-3.43*	
		For >50 To 100, Deduct	*-21.56*	
		For >100 To 500, Deduct	*-47.05*	
		For >500 To 1,000, Deduct	*-76.94*	
		For >1,000, Deduct	*-90.65*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 16 00-0055	EA	42" To 44-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head	372.68	22.63
		For >25 To 50, Deduct	*-3.43*	
		For >50 To 100, Deduct	*-22.06*	
		For >100 To 500, Deduct	*-48.30*	
		For >500 To 1,000, Deduct	*-78.74*	
		For >1,000, Deduct	*-92.45*	
21 13 16 00-0056	EA	45" To 48" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head	382.71	22.63
		For >25 To 50, Deduct	*-3.43*	
		For >50 To 100, Deduct	*-22.56*	
		For >100 To 500, Deduct	*-49.55*	
		For >500 To 1,000, Deduct	*-80.54*	
		For >1,000, Deduct	*-94.26*	

21 13 16 00-0057 Sidewall Dry Pipe Sprinkler Heads, Quick Response *(21 13 16 00-0016)*

21 13 16 00-0058	EA	3-1/2" To 5-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head	239.97	22.63
		For >25 To 50, Deduct	*-3.43*	
		For >50 To 100, Deduct	*-15.43*	
		For >100 To 500, Deduct	*-31.71*	
		For >500 To 1,000, Deduct	*-54.85*	
		For >1,000, Deduct	*-68.56*	
21 13 16 00-0059	EA	6" To 8-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head	250.01	22.63
		For >25 To 50, Deduct	*-3.43*	
		For >50 To 100, Deduct	*-15.93*	
		For >100 To 500, Deduct	*-32.97*	
		For >500 To 1,000, Deduct	*-56.66*	
		For >1,000, Deduct	*-70.37*	
21 13 16 00-0060	EA	9" To 11-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head	260.05	22.63
		For >25 To 50, Deduct	*-3.43*	
		For >50 To 100, Deduct	*-16.43*	
		For >100 To 500, Deduct	*-34.22*	
		For >500 To 1,000, Deduct	*-58.46*	
		For >1,000, Deduct	*-72.18*	
21 13 16 00-0061	EA	12" To 14-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head	270.04	22.63
		For >25 To 50, Deduct	*-3.43*	
		For >50 To 100, Deduct	*-16.93*	
		For >100 To 500, Deduct	*-35.47*	
		For >500 To 1,000, Deduct	*-60.26*	
		For >1,000, Deduct	*-73.97*	
21 13 16 00-0062	EA	15" To 17-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head	280.07	22.63
		For >25 To 50, Deduct	*-3.43*	
		For >50 To 100, Deduct	*-17.43*	
		For >100 To 500, Deduct	*-36.72*	
		For >500 To 1,000, Deduct	*-62.07*	
		For >1,000, Deduct	*-75.78*	
21 13 16 00-0063	EA	18" To 20-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head	290.08	22.63
		For >25 To 50, Deduct	*-3.43*	
		For >50 To 100, Deduct	*-17.93*	
		For >100 To 500, Deduct	*-37.97*	
		For >500 To 1,000, Deduct	*-63.87*	
		For >1,000, Deduct	*-77.58*	
21 13 16 00-0064	EA	21" To 23-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head	300.13	22.63
		For >25 To 50, Deduct	*-3.43*	
		For >50 To 100, Deduct	*-18.43*	
		For >100 To 500, Deduct	*-39.23*	
		For >500 To 1,000, Deduct	*-65.68*	
		For >1,000, Deduct	*-79.39*	
21 13 16 00-0065	EA	24" To 26-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head	310.15	22.63
		For >25 To 50, Deduct	*-3.43*	
		For >50 To 100, Deduct	*-18.94*	
		For >100 To 500, Deduct	*-40.48*	
		For >500 To 1,000, Deduct	*-67.48*	
		For >1,000, Deduct	*-81.19*	
21 13 16 00-0066	EA	27" To 29-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head	320.15	22.63
		For >25 To 50, Deduct	*-3.43*	
		For >50 To 100, Deduct	*-19.44*	
		For >100 To 500, Deduct	*-41.73*	
		For >500 To 1,000, Deduct	*-69.28*	
		For >1,000, Deduct	*-82.99*	
21 13 16 00-0067	EA	30" To 32-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head	330.17	22.63
		For >25 To 50, Deduct	*-3.43*	
		For >50 To 100, Deduct	*-19.94*	
		For >100 To 500, Deduct	*-42.99*	
		For >500 To 1,000, Deduct	*-71.09*	
		For >1,000, Deduct	*-84.80*	
21 13 16 00-0068	EA	33" To 35-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head	340.21	22.63
		For >25 To 50, Deduct	*-3.43*	
		For >50 To 100, Deduct	*-20.44*	
		For >100 To 500, Deduct	*-44.24*	
		For >500 To 1,000, Deduct	*-72.89*	
		For >1,000, Deduct	*-86.61*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 16 00-0069	EA	36" To 38-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head	350.22	22.63
		For >25 To 50, Deduct	*-3.43*	
		For >50 To 100, Deduct	*-20.94*	
		For >100 To 500, Deduct	*-45.49*	
		For >500 To 1,000, Deduct	*-74.69*	
		For >1,000, Deduct	*-88.41*	
21 13 16 00-0070	EA	39" To 41-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head	380.31	22.63
		For >25 To 50, Deduct	*-3.43*	
		For >50 To 100, Deduct	*-22.44*	
		For >100 To 500, Deduct	*-49.25*	
		For >500 To 1,000, Deduct	*-80.11*	
		For >1,000, Deduct	*-93.82*	
21 13 16 00-0071	EA	42" To 44-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head	390.33	22.63
		For >25 To 50, Deduct	*-3.43*	
		For >50 To 100, Deduct	*-22.94*	
		For >100 To 500, Deduct	*-50.51*	
		For >500 To 1,000, Deduct	*-81.91*	
		For >1,000, Deduct	*-95.63*	
21 13 16 00-0072	EA	45" To 48" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head	394.33	22.63
		For >25 To 50, Deduct	*-3.43*	
		For >50 To 100, Deduct	*-23.14*	
		For >100 To 500, Deduct	*-51.01*	
		For >500 To 1,000, Deduct	*-82.63*	
		For >1,000, Deduct	*-96.35*	

21 13 19 Preaction Sprinkler Systems *(21 13)*

21 13 19 00-0001 Complete Preaction Sprinkler Systems Assemblies *(21 13 19)*

Note: Includes all branch line piping (standard weight threaded black steel, less than 2-1/2" diameter pipe, fittings, branch valves, hangers, sprinkler heads, etc. From riser pipe and mains. Excludes outside mains, inside vertical or horizontal pipe mains, greater than 2" diameter. The coverage of one sprinkler head varies from about 180 SF for light hazard occupancy, about 155 SF for ordinary, 90 to about 130 SF for extra hazard conditions. Excludes special alarm valves, gate valves, check valves, flow control devices, water motor gong assembly, Siamese connections, standpipes and fittings, pipe mains and fittings, fire pumps and tanks. Not for use where detail is available. For sprinkler repairs or sprinkler head replacements use specific pipe, fittings, hangers, valves, and sprinkler head components. See CSI section 23 21 13 23-1395 for individual grooved pipe, 23 21 13 23-1468 for individual grooved pipe fittings.

21 13 19 00-0002 Ordinary Hazard, Preaction Sprinkler System Assemblies *(21 13 19 00-0001)*

21 13 19 00-0003	EA	Exposed Piping, Ordinary Hazard, Per Head, Preaction Sprinkler System Assembly Note: Includes branch pipe and fittings, supports and sprinkler heads.	987.59	
		For Up To 5, Add	*434.64*	
		For >5 To 10, Add	*256.93*	
		For >10 To 20, Add	*158.17*	
		For >20 To 40, Add	*69.18*	
		For >100 To 150, Deduct	*-98.76*	
		For >150, Deduct	*-197.52*	

21 13 19 00-0004 Extra Hazard, Preaction Sprinkler System Assemblies *(21 13 19 00-0001)*

21 13 19 00-0005	EA	Exposed Piping, Extra Hazard, Per Head, Preaction Sprinkler System Assembly Note: Includes branch pipe and fittings, supports and sprinkler heads.	919.03	
		For Up To 5, Add	*404.52*	
		For >5 To 10, Add	*239.17*	
		For >10 To 20, Add	*147.27*	
		For >20 To 40, Add	*64.41*	
		For >100 To 150, Deduct	*-91.90*	
		For >150, Deduct	*-183.81*	

21 13 26 Deluge Fire-Suppression Sprinkler Systems *(21 13)*

21 13 26 00-0001 Deluge Fire-Suppression Sprinkler Systems Equipment *(21 13 26)*

See CSI section 23 21 13 23-0000 for pipe and fittings.

21 13 26 00-0002 Deluge Valves, Wet-Pilot Activation With Required Trim And Release Equipment *(21 13 26 00-0001)*

21 13 26 00-0003	EA	3" Deluge Valve, Wet-Pilot Activation With Trim And Release Equipment	8,489.19	634.86
		For Dry-Pilot Activation, Add	*721.96*	
21 13 26 00-0004	EA	4" Deluge Valve, Wet-Pilot Activation With Trim And Release Equipment	10,501.48	714.16
		For Dry-Pilot Activation, Add	*907.32*	
21 13 26 00-0005	EA	6" Deluge Valve, Wet-Pilot Activation With Trim And Release Equipment	5,359.65	1,038.79
		For Dry-Pilot Activation, Add	*328.21*	
21 13 26 00-0006	EA	8" Deluge Valve, Wet-Pilot Activation With Trim And Release Equipment	21,127.09	1,248.35
		For Dry-Pilot Activation, Add	*1,863.04*	

21 13 39 Foam-Water Systems *(21 13)*

21 13 39 00-0001 Foam Control Valves And Monitors *(21 13 39)*

21 13 39 00-0002 Control Valves *(21 13 39 00-0001)*

21 13 39 00-0003	EA	3" Foam Control Valve	4,489.66	634.86

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 39 00-0004		**Supply Valves** *(21 13 39 00-0001)*		
21 13 39 00-0005	EA	2-1/2" Foam Supply Valve	3,932.80	714.16
21 13 39 00-0006		**Proportioners** *(21 13 39 00-0001)*		
21 13 39 00-0007	EA	8" Foam Proportioner	2,878.21	1,038.79
21 13 39 00-0008		**Monitors** *(21 13 39 00-0001)*		
21 13 39 00-0009	EA	Oscillating Foam Monitor	5,081.59	142.83

21 13 41 Fire-Suppression Sprinkler Piping *(21 13)*

See CSI section 23 21 13 23-0001 for threaded black steel piping, 23 21 13 23-0374 for welded black steel piping, 23 21 13 23-0797 for flanged black steel pipe fittings, 23 21 13 23-1395 for grooved pipe, 23 21 13 23-1468 for grooved pipe fittings, 33 14 13 13-0001 for ductile iron pipe and fittings.

21 13 41 00-0001		**Chlorinated Polyvinyl Chloride (CPVC) Fire Sprinkler Pipe** *(21 13 41)* Note: SDR 13.5		
21 13 41 00-0002		**Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Fire Sprinkler Pipe** *(21 13 41 00-0001)*		
21 13 41 00-0003	LF	3/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Fire Sprinkler Pipe	6.03	1.82
		For Work In Restricted Working Space, Add	*1.37*	
21 13 41 00-0004	LF	1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Fire Sprinkler Pipe	7.16	1.94
		For Work In Restricted Working Space, Add	*1.48*	
21 13 41 00-0005	LF	1-1/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Fire Sprinkler Pipe	8.89	2.18
		For Work In Restricted Working Space, Add	*1.61*	
21 13 41 00-0006	LF	1-1/2" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Fire Sprinkler Pipe	10.82	2.40
		For Work In Restricted Working Space, Add	*1.78*	
21 13 41 00-0007	LF	2" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Fire Sprinkler Pipe	13.78	2.63
		For Work In Restricted Working Space, Add	*1.99*	
21 13 41 00-0008	LF	2-1/2" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Fire Sprinkler Pipe	18.69	2.97
		For Work In Restricted Working Space, Add	*2.27*	
21 13 41 00-0009	LF	3" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Fire Sprinkler Pipe	25.89	3.55
		For Work In Restricted Working Space, Add	*2.68*	
21 13 41 00-0010		**Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbows, Fire Sprinkler Piping** *(21 13 41 00-0001)*		
21 13 41 00-0011	EA	3/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow, Fire Sprinkler Piping	29.32	10.97
		For Work In Restricted Working Space, Add	*8.23*	
21 13 41 00-0012	EA	1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow, Fire Sprinkler Piping	38.52	13.71
		For Work In Restricted Working Space, Add	*10.32*	
21 13 41 00-0013	EA	1-1/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow, Fire Sprinkler Piping	48.19	17.14
		For Work In Restricted Working Space, Add	*12.89*	
21 13 41 00-0014	EA	1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow, Fire Sprinkler Piping	54.93	18.97
		For Work In Restricted Working Space, Add	*14.26*	
21 13 41 00-0015	EA	2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow, Fire Sprinkler Piping	62.23	21.26
		For Work In Restricted Working Space, Add	*15.91*	
21 13 41 00-0016	EA	2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow, Fire Sprinkler Piping	78.03	24.11
		For Work In Restricted Working Space, Add	*18.10*	
21 13 41 00-0017	EA	3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow, Fire Sprinkler Piping	95.38	28.57
		For Work In Restricted Working Space, Add	*21.39*	
21 13 41 00-0018		**Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbows, Fire Sprinkler Piping** *(21 13 41 00-0001)*		
21 13 41 00-0019	EA	3/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow, Fire Sprinkler Piping	29.99	10.97
		For Work In Restricted Working Space, Add	*8.23*	
21 13 41 00-0020	EA	1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow, Fire Sprinkler Piping	37.45	13.71
		For Work In Restricted Working Space, Add	*10.32*	
21 13 41 00-0021	EA	1-1/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow, Fire Sprinkler Piping	47.38	17.14
		For Work In Restricted Working Space, Add	*12.89*	
21 13 41 00-0022	EA	1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow, Fire Sprinkler Piping	53.64	18.97
		For Work In Restricted Working Space, Add	*14.26*	
21 13 41 00-0023	EA	2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow, Fire Sprinkler Piping	60.61	21.26
		For Work In Restricted Working Space, Add	*15.91*	
21 13 41 00-0024	EA	2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow, Fire Sprinkler Piping	73.96	24.11
		For Work In Restricted Working Space, Add	*18.10*	
21 13 41 00-0025	EA	3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow, Fire Sprinkler Piping	90.90	28.57
		For Work In Restricted Working Space, Add	*21.39*	
21 13 41 00-0026		**Chlorinated Polyvinyl Chloride (CPVC) Tees, Fire Sprinkler Piping** *(21 13 41 00-0001)*		
21 13 41 00-0027	EA	3/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Tee, Fire Sprinkler Piping	43.70	16.45
		For Work In Restricted Working Space, Add	*12.34*	
21 13 41 00-0028	EA	1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Tee, Fire Sprinkler Piping	56.73	20.68
		For Work In Restricted Working Space, Add	*15.50*	
21 13 41 00-0029	EA	1-1/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Tee, Fire Sprinkler Piping	72.09	25.82
		For Work In Restricted Working Space, Add	*19.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 41 00-0030	EA	1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee, Fire Sprinkler Piping	82.56	28.57
		For Work In Restricted Working Space, Add	*21.39*	
21 13 41 00-0031	EA	2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee, Fire Sprinkler Piping	96.22	31.76
		For Work In Restricted Working Space, Add	*23.86*	
21 13 41 00-0032	EA	2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee, Fire Sprinkler Piping	117.61	36.23
		For Work In Restricted Working Space, Add	*27.15*	
21 13 41 00-0033	EA	3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee, Fire Sprinkler Piping	138.96	42.73
		For Work In Restricted Working Space, Add	*32.09*	
21 13 41 00-0034		**Chlorinated Polyvinyl Chloride (CPVC) Reducing Tees, Fire Sprinkler Piping** *(21 13 41 00-0001)*		
21 13 41 00-0035	EA	1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee, Fire Sprinkler Piping	52.43	19.31
		For Work In Restricted Working Space, Add	*14.43*	
21 13 41 00-0036	EA	1-1/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee, Fire Sprinkler Piping	68.04	24.11
		For Work In Restricted Working Space, Add	*18.03*	
21 13 41 00-0037	EA	1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee, Fire Sprinkler Piping	76.12	26.63
		For Work In Restricted Working Space, Add	*19.95*	
21 13 41 00-0038	EA	2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee, Fire Sprinkler Piping	89.61	29.71
		For Work In Restricted Working Space, Add	*22.28*	
21 13 41 00-0039	EA	2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee, Fire Sprinkler Piping	105.52	33.82
		For Work In Restricted Working Space, Add	*25.33*	
21 13 41 00-0040	EA	3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee, Fire Sprinkler Piping	124.21	39.88
		For Work In Restricted Working Space, Add	*29.96*	
21 13 41 00-0041		**Chlorinated Polyvinyl Chloride (CPVC) Crosses, Fire Sprinkler Piping** *(21 13 41 00-0001)*		
21 13 41 00-0042	EA	3/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Cross, Fire Sprinkler Piping	58.91	21.94
		For Work In Restricted Working Space, Add	*16.45*	
21 13 41 00-0043	EA	1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Cross, Fire Sprinkler Piping	73.86	27.54
		For Work In Restricted Working Space, Add	*20.63*	
21 13 41 00-0044	EA	1-1/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Cross, Fire Sprinkler Piping	92.98	34.39
		For Work In Restricted Working Space, Add	*25.78*	
21 13 41 00-0045	EA	1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross, Fire Sprinkler Piping	104.69	38.05
		For Work In Restricted Working Space, Add	*28.52*	
21 13 41 00-0046	EA	2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross, Fire Sprinkler Piping	121.90	42.39
		For Work In Restricted Working Space, Add	*31.81*	
21 13 41 00-0047	EA	2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross, Fire Sprinkler Piping	155.24	48.22
		For Work In Restricted Working Space, Add	*36.20*	
21 13 41 00-0048		**Chlorinated Polyvinyl Chloride (CPVC) Couplings, Fire Sprinkler Piping** *(21 13 41 00-0001)*		
21 13 41 00-0049	EA	3/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Coupling, Fire Sprinkler Piping	20.10	7.31
		For Work In Restricted Working Space, Add	*5.48*	
21 13 41 00-0050	EA	1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Coupling, Fire Sprinkler Piping	26.94	9.82
		For Work In Restricted Working Space, Add	*7.37*	
21 13 41 00-0051	EA	1-1/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Coupling, Fire Sprinkler Piping	35.69	12.91
		For Work In Restricted Working Space, Add	*9.67*	
21 13 41 00-0052	EA	1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Coupling, Fire Sprinkler Piping	40.59	14.28
		For Work In Restricted Working Space, Add	*10.70*	
21 13 41 00-0053	EA	2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Coupling, Fire Sprinkler Piping	46.46	15.89
		For Work In Restricted Working Space, Add	*11.93*	
21 13 41 00-0054	EA	2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Coupling, Fire Sprinkler Piping	55.50	18.05
		For Work In Restricted Working Space, Add	*13.58*	
21 13 41 00-0055	EA	3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Coupling, Fire Sprinkler Piping	66.84	21.37
		For Work In Restricted Working Space, Add	*16.04*	
21 13 41 00-0056		**Chlorinated Polyvinyl Chloride (CPVC) Caps, Fire Sprinkler Piping** *(21 13 41 00-0001)*		
21 13 41 00-0057	EA	3/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Cap, Fire Sprinkler Piping	10.23	3.66
		For Work In Restricted Working Space, Add	*2.74*	
21 13 41 00-0058	EA	1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Cap, Fire Sprinkler Piping	16.30	5.94
		For Work In Restricted Working Space, Add	*4.42*	
21 13 41 00-0059	EA	1-1/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Cap, Fire Sprinkler Piping	18.62	6.40
		For Work In Restricted Working Space, Add	*4.83*	
21 13 41 00-0060	EA	1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap, Fire Sprinkler Piping	21.28	7.08
		For Work In Restricted Working Space, Add	*5.35*	
21 13 41 00-0061	EA	2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap, Fire Sprinkler Piping	25.11	8.00
		For Work In Restricted Working Space, Add	*5.97*	
21 13 41 00-0062	EA	2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap, Fire Sprinkler Piping	30.16	9.03
		For Work In Restricted Working Space, Add	*6.79*	
21 13 41 00-0063	EA	3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap, Fire Sprinkler Piping	38.95	10.74
		For Work In Restricted Working Space, Add	*8.02*	
21 13 41 00-0064		**Chlorinated Polyvinyl Chloride (CPVC) Reducer Bushing, Fire Sprinkler Piping** *(21 13 41 00-0001)*		
21 13 41 00-0065	EA	1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Reducing Bushing, Fire Sprinkler Piping	28.50	10.86
		For Work In Restricted Working Space, Add	*8.12*	
21 13 41 00-0066	EA	1-1/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Reducing Bushing, Fire Sprinkler Piping	37.73	14.16
		For Work In Restricted Working Space, Add	*10.63*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 41 00-0067	EA	1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Bushing, Fire Sprinkler Piping	41.71	15.65
		For Work In Restricted Working Space, Add	*11.76*	
21 13 41 00-0068	EA	2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Bushing, Fire Sprinkler Piping	47.43	17.48
		For Work In Restricted Working Space, Add	*13.13*	
21 13 41 00-0069	EA	2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Bushing, Fire Sprinkler Piping	56.12	19.89
		For Work In Restricted Working Space, Add	*14.95*	
21 13 41 00-0070	EA	3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Bushing, Fire Sprinkler Piping	68.34	23.54
		For Work In Restricted Working Space, Add	*17.65*	
21 13 41 00-0071		Chlorinated Polyvinyl Chloride (CPVC) Spigot Style Reducing Adapter, Male Slip x Female Pipe Thread, Fire Sprinkler Piping *(21 13 41 00-0001)*		
21 13 41 00-0072	EA	3/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Spigot Style Reducing Adapter, Male Slip X Female Pipe Thread, Fire Sprinkler Piping	24.85	8.00
		For Work In Restricted Working Space, Add	*6.03*	
21 13 41 00-0073	EA	1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Spigot Style Reducing Adapter, Male Slip X Female Pipe Thread, Fire Sprinkler Piping	32.10	10.86
		For Work In Restricted Working Space, Add	*8.12*	
21 13 41 00-0074		Chlorinated Polyvinyl Chloride (CPVC) Reducing Adapter, Female Slip x Female Pipe Thread, Fire Sprinkler Piping *(21 13 41 00-0001)*		
21 13 41 00-0075	EA	3/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Reducing Adapter, Female Slip x Female Pipe Thread, Fire Sprinkler Piping	24.85	8.00
		For Work In Restricted Working Space, Add	*6.03*	
21 13 41 00-0076	EA	1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Reducing Adapter, Female Slip x Female Pipe Thread, Fire Sprinkler Piping	32.10	10.86
		For Work In Restricted Working Space, Add	*8.12*	
21 13 41 00-0077		Chlorinated Polyvinyl Chloride (CPVC) Reducing 90 Degree Elbow Adapter, Female Slip x Female Pipe Thread, Fire Sprinkler Piping *(21 13 41 00-0001)*		
21 13 41 00-0078	EA	3/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Reducing 90 Degree Elbow Adapter With 1/2" FPT, Female Slip x Female Pipe Thread, Fire Sprinkler Piping	29.09	9.82
		For Work In Restricted Working Space, Add	*7.40*	
21 13 41 00-0079	EA	1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Reducing 90 Degree Elbow Adapter With 1/2" FPT, Female Slip x Female Pipe Thread, Fire Sprinkler Piping	37.15	12.34
		For Work In Restricted Working Space, Add	*9.29*	
21 13 41 00-0080	EA	1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Reducing 90 Degree Elbow Adapter With 3/4" FPT, Female Slip x Female Pipe Thread, Fire Sprinkler Piping	38.50	12.34
		For Work In Restricted Working Space, Add	*9.29*	
21 13 41 00-0081		Chlorinated Polyvinyl Chloride (CPVC) Straight Tee Adapter, Female Slip x Female Pipe Thread, Fire Sprinkler Piping *(21 13 41 00-0001)*		
21 13 41 00-0082	EA	3/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Straight Tee Adapter With 1/2" FPT, Female Slip x Female Pipe Thread, Fire Sprinkler Piping	47.83	16.45
		For Work In Restricted Working Space, Add	*12.34*	
21 13 41 00-0083	EA	1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Straight Tee Adapter With 1/2" FPT, Female Slip x Female Pipe Thread, Fire Sprinkler Piping	58.90	20.68
		For Work In Restricted Working Space, Add	*15.50*	
21 13 41 00-0084	EA	1-1/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Straight Tee Adapter With 1/2" FPT, Female Slip x Female Pipe Thread, Fire Sprinkler Piping	76.51	25.82
		For Work In Restricted Working Space, Add	*19.33*	
21 13 41 00-0085	EA	1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Straight Tee Adapter With 1/2" FPT, Female Slip x Female Pipe Thread, Fire Sprinkler Piping	87.24	28.57
		For Work In Restricted Working Space, Add	*21.39*	
21 13 41 00-0086	EA	2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Straight Tee Adapter With 1/2" FPT, Female Slip x Female Pipe Thread, Fire Sprinkler Piping	101.91	31.76
		For Work In Restricted Working Space, Add	*23.86*	

21 20 Fire-Extinguishing Systems *(21)*

21 21 Carbon-Dioxide Fire-Extinguishing Systems *(21 20)*

21 21 16 Carbon-Dioxide Fire-Extinguishing Equipment *(21 21)*

21 21 16 00-0001		Carbon Dioxide Cylinders *(21 21 16)*		
21 21 16 00-0002	EA	Carbon Dioxide Simplex Cylinder, 75 LB	5,082.82	233.10
21 21 16 00-0003	EA	Carbon Dioxide Duplex Cylinder, 75 LB (Each)	10,165.65	466.19
21 21 16 00-0004	EA	Carbon Dioxide Cylinder, Heat/Ion Detector, With Bracket	534.03	123.06
21 21 16 00-0005	EA	Carbon Dioxide Cylinder, Dispersion Nozzle	267.40	42.64
21 21 16 00-0006	LF	Carbon Dioxide Cylinder, 1/2" Rubber Tubing	53.98	17.29

21 22 Clean-Agent Fire-Extinguishing Systems *(21 20)*

21 22 16 Clean-Agent Fire-Extinguishing Equipment *(21 22)*

21 22 16 00-0001 Ansul Fire Control Systems *(21 22 16)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 22 16 00-0002		**Sapphire® Fire Suppression Systems** *(21 22 16 00-0001)* Note: ANSUL® SAPPHIRE® fire suppression systems use 3M™ Novec™ 1230 fire protection fluid for total flooding applications.		
21 22 16 00-0003		**Cylinders, Sapphire® Fire Suppression Systems** *(21 22 16 00-0002)*		
21 22 16 00-0004	EA	20 LB, Empty Tank And Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 570635) Note: 10 to 21 LB tank capacity. Excludes Sapphire agent.	1,608.90	79.47
21 22 16 00-0005	EA	40 LB, Empty Tank And Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 570636) Note: 20 to 46 LB tank capacity. Excludes Sapphire agent.	1,834.95	79.47
21 22 16 00-0006	EA	80 LB, Empty Tank And Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 570637) Note: 41 to 80 LB tank capacity. Excludes Sapphire agent.	1,864.67	79.47
21 22 16 00-0007	EA	140 LB, Empty Tank And Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 570638) Note: 58 to 138 LB tank capacity. Excludes Sapphire agent.	2,647.15	105.95
21 22 16 00-0008	EA	280 LB, Empty Tank And Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 570639) Note: 116 to 280 LB tank capacity. Excludes Sapphire agent.	2,796.58	105.95
21 22 16 00-0009	EA	390 LB, Empty Tank And Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 570640) Note: 161 to 388 LB tank capacity. Excludes Sapphire agent.	2,988.40	132.45
21 22 16 00-0010	EA	450 LB, Empty Tank And Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 570641) Note: 194 to 459 LB tank capacity. Excludes Sapphire agent.	3,170.61	132.45
21 22 16 00-0011	EA	850 LB, Empty Tank And Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 570586) Note: 375 to 851 LB tank capacity. Excludes Sapphire agent.	4,784.43	158.93
21 22 16 00-0012	LB	Sapphire Agent. Fire Protection Fluid, Factory Filled (Novec 1230) Note: Add to empty tank cost.	40.37	158.93
21 22 16 00-0013		**Nozzles, Sapphire® Fire Suppression Systems** *(21 22 16 00-0002)*		
21 22 16 00-0014	EA	1/2" Drilled Brass Nozzle, 180 Degree, Sapphire® Fire Suppression System (Ansul 570515)	153.75	13.25
21 22 16 00-0015	EA	3/4" Drilled Brass Nozzle, 180 Degree, Sapphire® Fire Suppression System (Ansul 570516)	157.60	13.25
21 22 16 00-0016	EA	1" Drilled Brass Nozzle, 180 Degree, Sapphire® Fire Suppression System (Ansul 570517)	167.25	13.25
21 22 16 00-0017	EA	1-1/4" Drilled Brass Nozzle, 180 Degree, Sapphire® Fire Suppression System (Ansul 570518)	174.00	13.25
21 22 16 00-0018	EA	1-1/2" Drilled Brass Nozzle, 180 Degree, Sapphire® Fire Suppression System (Ansul 570519)	183.64	13.25
21 22 16 00-0019	EA	2" Drilled Brass Nozzle, 180 Degree, Sapphire® Fire Suppression System (Ansul 570520)	212.55	13.25
21 22 16 00-0020	EA	1/2" Drilled Brass Nozzle, 360 Degree, Sapphire® Fire Suppression System (Ansul 570602)	153.75	13.25
21 22 16 00-0021	EA	3/4" Drilled Brass Nozzle, 360 Degree, Sapphire® Fire Suppression System (Ansul 570603)	157.60	13.25
21 22 16 00-0022	EA	1" Drilled Brass Nozzle, 360 Degree, Sapphire® Fire Suppression System (Ansul 570604)	167.25	13.25
21 22 16 00-0023	EA	1-1/4" Drilled Brass Nozzle, 360 Degree, Sapphire® Fire Suppression System (Ansul 570605)	174.00	13.25
21 22 16 00-0024	EA	1-1/2" Drilled Brass Nozzle, 360 Degree, Sapphire® Fire Suppression System (Ansul 570606)	183.64	13.25
21 22 16 00-0025	EA	2" Drilled Brass Nozzle, 360 Degree, Sapphire® Fire Suppression System (Ansul 570607)	212.55	13.25
21 22 16 00-0026		**Actuation Attachments, Sapphire® Fire Suppression System** *(21 22 16 00-0002)*		
21 22 16 00-0027	EA	7/16-20 To 1/4" NPT, Male Actuation Elbow, Sapphire® Fire Suppression System (Ansul 31810)	13.90	3.97
21 22 16 00-0028	EA	7/16-20 To 1/4" NPT, Male Actuation Tee, Sapphire® Fire Suppression System (Ansul 31811)	15.56	3.97
21 22 16 00-0029	EA	1/4" NPT To 7/16-20, Male Actuation Connector, Sapphire® Fire Suppression System (Ansul 32338)	21.26	9.27
21 22 16 00-0030	EA	16" Actuation Hose, Sapphire® Fire Suppression System (Ansul 73597)	49.92	11.87
21 22 16 00-0031	EA	32" Actuation Hose, Sapphire® Fire Suppression System (Ansul 415142)	73.86	11.87
21 22 16 00-0032	EA	42" Actuation Hose, Sapphire® Fire Suppression System (Ansul 430815)	89.12	11.87
21 22 16 00-0033	EA	24", Stainless Steel, Swivel, Braided Actuation Hose, Sapphire® Fire Suppression System (Ansul 32336)	44.41	11.87
21 22 16 00-0034	EA	Pneumatic Actuator Shipping Assembly, Sapphire® Fire Suppression System (Ansul 570537)	309.27	105.95
21 22 16 00-0035	EA	Local Manual Actuator, Sapphire® Fire Suppression System (Ansul 570549)	297.75	79.47
21 22 16 00-0036	EA	Electric Actuator Shipping Assembly, Sapphire® Fire Suppression System (Ansul 570537)	667.91	105.95
21 22 16 00-0037		**Nameplates, Sapphire® Fire Suppression Systems** *(21 22 16 00-0002)*		
21 22 16 00-0038	EA	Warning Plate For Use Outside Room, Sapphire® Fire Suppression Systems (Ansul 570580)	49.63	13.25
21 22 16 00-0039	EA	Warning Plate for Use Inside Room, Sapphire® Fire Suppression Systems (Ansul 570581)	53.98	13.25
21 22 16 00-0040		**Cylinder Bracketing, Sapphire® Fire Suppression Systems** *(21 22 16 00-0002)*		
21 22 16 00-0041	EA	Tank Bracket Assembly For 20 LB, 40 LB, 50 LB, 80 LB And 90 LB Tanks, Sapphire® Fire Suppression Systems (Ansul 570085)	152.74	39.73
21 22 16 00-0042	EA	Tank Bracket Assembly For 140 LB, 280 LB, 390 LB And 450 LB Tanks, Sapphire® Fire Suppression Systems (Ansul 570085)	161.42	39.73
21 22 16 00-0043	EA	Tank Bracket Assembly For 850 LB Tanks, Sapphire® Fire Suppression Systems (Ansul 570336)	172.51	39.73
21 22 16 00-0044		**Check Valves, Sapphire® Fire Suppression Systems** *(21 22 16 00-0002)*		
21 22 16 00-0045	EA	1" Manifold Check Valve, Sapphire® Fire Suppression Systems (Ansul 570566)	410.93	42.17
21 22 16 00-0046	EA	2" Manifold Check Valve, Sapphire® Fire Suppression Systems (Ansul 570568)	577.51	72.36
21 22 16 00-0047		**Discharge Hose, Sapphire® Fire Suppression Systems** *(21 22 16 00-0002)*		
21 22 16 00-0048	EA	1" Flexible Discharge Hose, Sapphire® Fire Suppression Systems (Ansul 570539)	129.14	26.49
21 22 16 00-0049	EA	2" Flexible Discharge Hose, Sapphire® Fire Suppression Systems (Ansul 570538)	483.93	26.49
21 22 16 00-0050	EA	3" Flexible Discharge Hose, Sapphire® Fire Suppression Systems (Ansul 69990)	407.76	26.49
21 22 16 00-0051	EA	3" Discharge Hose And Check Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 69841)	1,781.42	105.95
21 22 16 00-0052		**Swivel Adaptors, Sapphire® Fire Suppression Systems** *(21 22 16 00-0002)*		
21 22 16 00-0053	EA	1" Single-Tank Swivel Adaptor, Sapphire® Fire Suppression Systems (Ansul 570557)	46.36	18.55

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 22 16 00-0054	EA	2" Single-Tank Swivel Adaptor, Sapphire® Fire Suppression Systems (Ansul 570558)	82.40	18.55
21 22 16 00-0055	EA	3" Flare To 3" Grooved, Single-Tank Swivel Adaptor, Sapphire® Fire Suppression Systems (Ansul 69471)	228.95	13.25
21 22 16 00-0056	EA	3" Flare To 3" NPT, Single-Tank Swivel Adaptor, Sapphire® Fire Suppression Systems (Ansul 69470)	295.94	13.25
21 22 16 00-0057		**Pressure Switches, Sapphire® Fire Suppression Systems** *(21 22 16 00-0002)*		
21 22 16 00-0058	EA	Cylinder Low Pressure Switch, Sapphire® Fire Suppression Systems (Ansul 570585)	170.06	52.98
21 22 16 00-0059	EA	Pressure Trip, Sapphire® Fire Suppression Systems (Ansul 5156)	170.80	22.25
21 22 16 00-0060	EA	Weather Proof, DPST Pressure Switch, Sapphire® Fire Suppression Systems (Ansul 46250)	525.73	92.71
21 22 16 00-0061		**Level Indicators, Sapphire® Fire Suppression Systems** *(21 22 16 00-0002)*		
21 22 16 00-0062	EA	Liquid Level Indicator For 280 LB Tanks, Sapphire® Fire Suppression Systems (Ansul 570277)	613.59	18.55
21 22 16 00-0063	EA	Liquid Level Indicator For 390 LB And 850 LB Tanks, Sapphire® Fire Suppression Systems (Ansul 570278)	642.53	18.55
21 22 16 00-0064	EA	Liquid Level Indicator For 450 LB Tanks, Sapphire® Fire Suppression Systems (Ansul 570589)	688.30	26.49
21 22 16 00-0065		**Inspection/Maintenance Devices, Sapphire® Fire Suppression Systems** *(21 22 16 00-0002)*		
21 22 16 00-0066	EA	Master Tank Pilot Port Male Adaptor, Sapphire® Fire Suppression Systems (Ansul 570342)	47.20	15.90
21 22 16 00-0067	EA	Cylinder Valve Pressure Gauge, Sapphire® Fire Suppression Systems (Ansul 570642)	59.15	18.55
21 22 16 00-0068	EA	Recharge Top Adaptor Assembly, Sapphire® Fire Suppression Systems (Ansul 570579)	197.68	79.47
21 22 16 00-0069	EA	1" Recharge Fill Adaptor Assembly, Sapphire® Fire Suppression Systems (Ansul 570576)	230.75	79.47
21 22 16 00-0070	EA	2" Recharge Fill Adaptor Assembly, Sapphire® Fire Suppression Systems (Ansul 570592)	258.23	79.47
21 22 16 00-0071	EA	3" Recharge Fill Adaptor Assembly, Sapphire® Fire Suppression Systems (Ansul 69891)	346.92	79.47
21 22 16 00-0072		**Replacement Parts, Sapphire® Fire Suppression Systems** *(21 22 16 00-0002)*		
21 22 16 00-0073	EA	O-Ring Kit, Sapphire® Fire Suppression Systems (Ansul 570559)	56.25	21.19
21 22 16 00-0074	EA	Recoil Cap, Sapphire® Fire Suppression Systems (Ansul 570553)	92.52	13.25
21 22 16 00-0075	EA	Burst Disc Assembly, Sapphire® Fire Suppression Systems (Ansul 570053)	124.82	26.49
21 22 16 00-0076	EA	Bonnet Assembly, Sapphire® Fire Suppression Systems (Ansul 570543)	329.52	105.95
21 22 16 00-0077	EA	Piston Assembly, Sapphire® Fire Suppression Systems (Ansul 570551)	498.23	105.95
21 22 16 00-0078	EA	1" Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 570535)	1,681.14	105.95
21 22 16 00-0079		**Inergen® Fire Suppression System** *(21 22 16 00-0001)*		
21 22 16 00-0080		**Actuation Attachments, Inergen® Fire Suppression System** *(21 22 16 00-0079)*		
21 22 16 00-0081	EA	Flexible Discharge Bend For CV90 And CV98 (200 Bar), Inergen® Fire Suppression System (Ansul 427082)	180.79	26.27
21 22 16 00-0082	EA	Metron Protractor Replacement Cartridges, Inergen® Fire Suppression System (Ansul 423958)	210.19	28.24
21 22 16 00-0083	EA	Electric Actuator, Lever, CV98, Inergen® Fire Suppression System (Ansul 423309)	376.05	51.11
21 22 16 00-0084	EA	Electric Actuator For CV90 Valve, Inergen® Fire Suppression System (Ansul 426876)	756.37	116.40
21 22 16 00-0085		**Check Valves, Inergen® Fire Suppression System** *(21 22 16 00-0079)*		
21 22 16 00-0086	EA	2" Bronze Check Valve, Weld Neck Flange, Inergen® Fire Suppression System (Ansul 840794)	1,820.50	153.62
21 22 16 00-0087		**Components, Inergen® Fire Suppression System** *(21 22 16 00-0079)*		
21 22 16 00-0088	EA	1/2" Manifold Relief Valve, Inergen® Fire Suppression System (Ansul 418378)	53.71	8.06
21 22 16 00-0089	EA	Pressure Operated Siren, Inergen® Fire Suppression System (Ansul 419700)	631.56	86.32
21 22 16 00-0090	EA	30 Second Pneumatic Time Delay, Inergen® Fire Suppression System (Ansul 54169)	1,966.04	270.08
21 22 16 00-0091	EA	60 Second Time Delay, Inergen® Fire Suppression System (Ansul 426170)	1,873.97	275.14
21 22 16 00-0092		**Cylinders, Inergen® Fire Suppression System** *(21 22 16 00-0079)* Note: Includes CV98 valve. Factory filled with Inergen agent.		
21 22 16 00-0093	EA	200 CF Cylinder, Standard Paint, Inergen® Fire Suppression System (Ansul 426147)	1,639.66	247.18
21 22 16 00-0094	EA	250 CF Cylinder, Standard Paint, Inergen® Fire Suppression System (Ansul 426148)	1,860.00	280.04
21 22 16 00-0095	EA	350 CF Cylinder, Standard Paint, Inergen® Fire Suppression System (Ansul 426620)	2,661.21	362.90
21 22 16 00-0096	EA	435 CF Cylinder, Standard Paint, Inergen® Fire Suppression System (Ansul 426150)	2,663.69	443.46
21 22 16 00-0097	EA	250 CF Cylinder, Corrosion Resistant Paint, Inergen® Fire Suppression System (Ansul 426257)	1,924.14	312.25
21 22 16 00-0098	EA	350 CF Cylinder, Corrosion Resistant Paint, Inergen® Fire Suppression System (Ansul 426621)	2,725.84	395.23
21 22 16 00-0099	EA	435 CF Cylinder, Corrosion Resistant Paint, Inergen® Fire Suppression System (Ansul 426259)	2,814.17	476.53
21 22 16 00-0100		**Inspection/Maintenance Devices, Inergen® Fire Suppression System** *(21 22 16 00-0079)*		
21 22 16 00-0101	EA	CV90 Fill Adaptor To CV98 Valve, Conversion Adapter, Inergen® Fire Suppression System (Ansul 423657)	61.89	8.99
21 22 16 00-0102	EA	CV98 To CV90 Conversion Adapter, Cylinder Test Gauge, Inergen® Fire Suppression System (Ansul 426181)	61.89	8.99
21 22 16 00-0103	EA	CV90 Pressure Test Assembly Venting Kit, Inergen® Fire Suppression System (Ansul 426954)	74.63	9.98
21 22 16 00-0104	EA	Pressure Test Gauge, Inergen® Fire Suppression System (Ansul 423923)	1,179.25	171.52
21 22 16 00-0105		**Multiple Cylinder Bracketing, Inergen® Fire Suppression System** *(21 22 16 00-0079)*		
21 22 16 00-0106	EA	13" Carriage Bolt With Nut, Multiple Cylinder Bracketing, Inergen® Fire Suppression System (Ansul 418502) Note: For single row 435 cubic foot cylinders.	19.86	2.63
21 22 16 00-0107	EA	27" Carriage Bolt With Nut, Multiple Cylinder Bracketing, Inergen® Fire Suppression System (Ansul 418503) Note: For double row 435 cubic foot cylinders.	28.19	3.75

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 22 16 00-0108		**Nameplates, Inergen® Fire Suppression System** *(21 22 16 00-0079)*		
21 22 16 00-0109	EA	Warning Plate, Nameplate, Inside Room With Alarm, Inergen® Fire Suppression System (Ansul 416265)	21.90	2.94
21 22 16 00-0110	EA	Warning Plate, Nameplate, Outside Room Without Alarm, Inergen® Fire Suppression System (Ansul 416266)	20.24	2.94
21 22 16 00-0111		**Nozzle Deflector Shields, Inergen® Fire Suppression System** *(21 22 16 00-0079)*		
21 22 16 00-0112	EA	1/2" Nozzle Deflector Shield, Inergen® Fire Suppression System (Ansul 417708)	87.99	12.66
21 22 16 00-0113	EA	3/4" Nozzle Deflector Shield, Inergen® Fire Suppression System (Ansul 417711)	92.32	13.26
21 22 16 00-0114	EA	1" Nozzle Deflector Shield, Inergen® Fire Suppression System (Ansul 417714)	107.27	15.31
21 22 16 00-0115	EA	1-1/4" Nozzle Deflector Shield, Inergen® Fire Suppression System (Ansul 417717)	119.57	17.29
21 22 16 00-0116	EA	1-1/2" Nozzle Deflector Shield, Inergen® Fire Suppression System (Ansul 417720)	137.16	19.87
21 22 16 00-0117		**Nozzles, Inergen® Fire Suppression System** *(21 22 16 00-0079)*		
21 22 16 00-0118	EA	1/4" NPT Nozzle, 360 Degree, Inergen® Fire Suppression System (Ansul 417908)	134.76	19.59
21 22 16 00-0119	EA	3/8" NPT Nozzle, 360 Degree, Inergen® Fire Suppression System (Ansul 417723)	139.81	20.17
21 22 16 00-0120	EA	1/2" NPT Nozzle, 360 Degree, Inergen® Fire Suppression System (Ansul 417362)	128.96	18.67
21 22 16 00-0121	EA	3/4" NPT Nozzle, 360 Degree, Inergen® Fire Suppression System (Ansul 417363)	132.09	20.17
21 22 16 00-0122	EA	1" NPT Nozzle, 360 Degree, Inergen® Fire Suppression System (Ansul 417364)	153.32	22.18
21 22 16 00-0123	EA	1-1/4" NPT Nozzle, 360 Degree, Inergen® Fire Suppression System (Ansul 417365)	163.91	23.62
21 22 16 00-0124	EA	1-1/2" NPT Nozzle, 360 Degree, Inergen® Fire Suppression System (Ansul 417366)	176.45	25.35
21 22 16 00-0125	EA	2" NPT Nozzle, Inergen® Fire Suppression System (Ansul 426155)	303.74	44.37
21 22 16 00-0126	EA	2-1/2" NPT Nozzle, Inergen® Fire Suppression System (Ansul 426156)	401.59	58.19
21 22 16 00-0127	EA	3" NPT Nozzle, Inergen® Fire Suppression System (Ansul 426137)	437.80	63.96
21 22 16 00-0128	EA	1/4" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426138)	156.93	23.03
21 22 16 00-0129	EA	3/8" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426139)	185.12	26.97
21 22 16 00-0130	EA	1/2" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426140)	152.34	22.18
21 22 16 00-0131	EA	3/4" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426141)	162.72	23.51
21 22 16 00-0132	EA	1" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426142)	164.16	23.62
21 22 16 00-0133	EA	1-1/4" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426143)	198.16	28.70
21 22 16 00-0134	EA	1-1/2" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426157)	213.57	31.11
21 22 16 00-0135	EA	2" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426144)	327.84	47.75
21 22 16 00-0136	EA	2-1/2" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426145)	382.79	55.90
21 22 16 00-0137	EA	3" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426146)	419.44	61.07
21 22 16 00-0138		**Pressure Reducers, Inergen® Fire Suppression System** *(21 22 16 00-0079)*		
21 22 16 00-0139	EA	1/2" NPT, Orifice Union, Pressure Reducer, Inergen® Fire Suppression System (Ansul 416677)	176.45	25.35
21 22 16 00-0140	EA	3/4" NPT, Orifice Union, Pressure Reducer, Inergen® Fire Suppression System (Ansul 416678)	216.49	31.58
21 22 16 00-0141	EA	1" NPT, Orifice Union, Pressure Reducer, Inergen® Fire Suppression System (Ansul 416679)	232.86	34.00
21 22 16 00-0142	EA	1-1/4" NPT, Orifice Union, Pressure Reducer, Inergen® Fire Suppression System (Ansul 416680)	327.84	47.75
21 22 16 00-0143	EA	1-1/2" NPT, Orifice Union, Pressure Reducer, Inergen® Fire Suppression System (Ansul 416681)	358.22	52.32
21 22 16 00-0144	EA	2" NPT, Orifice Union, Pressure Reducer, Inergen® Fire Suppression System (Ansul 416682)	420.88	61.07
21 22 16 00-0145	EA	2-1/2" NPT, Orifice Nipple, Pressure Reducer, Inergen® Fire Suppression System (Ansul 417057)	489.34	71.62
21 22 16 00-0146	EA	3" NPT, Orifice Nipple, Pressure Reducer, Inergen® Fire Suppression System (Ansul 417058)	578.53	84.71
21 22 16 00-0147	EA	2-1/2" NPT, Orifice Flanged, Pressure Reducer, Inergen® Fire Suppression System (Ansul 426823)	737.85	167.11
21 22 16 00-0148	EA	3" NPT, Orifice Flanged, Pressure Reducer, Inergen® Fire Suppression System (Ansul 426824)	949.92	195.92
21 22 16 00-0149	EA	4" NPT, Orifice Flanged, Pressure Reducer, Inergen® Fire Suppression System (Ansul 426825)	1,215.63	328.44
21 22 16 00-0150	EA	2-1/2" Slip-On, Orifice Flanged, Pressure Reducer, Inergen® Fire Suppression System (Ansul 426847)	719.53	167.11
21 22 16 00-0151	EA	3" Slip-On, Orifice Flanged, Pressure Reducer, Inergen® Fire Suppression System (Ansul 426848)	796.45	116.71
21 22 16 00-0152	EA	4" Slip-On, Orifice Flanged, Pressure Reducer, Inergen® Fire Suppression System (Ansul 426849)	1,215.63	328.44
21 22 16 00-0153	EA	2-1/2" Weld Neck, Orifice Flanged, Pressure Reducer, Inergen® Fire Suppression System (Ansul 426853)	734.95	167.11
21 22 16 00-0154	EA	3" Weld Neck, Orifice Flanged, Pressure Reducer, Inergen® Fire Suppression System (Ansul 426854)	827.80	121.29
21 22 16 00-0155	EA	4" Weld Neck, Orifice Flanged, Pressure Reducer, Inergen® Fire Suppression System (Ansul 426855)	1,192.49	328.44
21 22 16 00-0156		**Pressure Switches, Inergen® Fire Suppression System** *(21 22 16 00-0079)*		
21 22 16 00-0157	EA	3PST, Pressure Switch, Inergen® Fire Suppression System (Ansul 842344)	828.89	127.35
21 22 16 00-0158		**Releasing Device Equipment, Inergen® Fire Suppression System** *(21 22 16 00-0079)*		
21 22 16 00-0159	EA	12 Or 24 Volt DC, Assembly, Automan II-C Releasing Device Equipment, Inergen® Fire Suppression System (Ansul 17728)	1,359.07	197.56
21 22 16 00-0160	EA	24 Volt DC, Explosion Proof Automan II-C Releasing Device Equipment, Inergen® Fire Suppression System (Ansul 31492)	1,934.22	263.26
21 22 16 00-0161	EA	120 Volt AC, Explosion Proof Automan II-C Releasing Device Equipment, Inergen® Fire Suppression System (Ansul 32525)	2,050.39	267.79
21 22 16 00-0162	EA	Cocking Lever For Automan II-C Releasing Device Equipment, Inergen® Fire Suppression System (Ansul 26310)	95.94	13.62
21 22 16 00-0163	EA	LT-30-R Nitrogen Cartridge, Releasing Device Equipment, Inergen® Fire Suppression System (Ansul 5373)	114.72	18.03
21 22 16 00-0164	EA	Remote Actuator Booster With N2 Cartridge, Releasing Device Equipment, Inergen® Fire Suppression System (Ansul 28939)	1,098.22	140.95
21 22 16 00-0165		**Replacement Orifice Plates, Inergen® Fire Suppression System** *(21 22 16 00-0079)*		
21 22 16 00-0166	EA	1/2" Replacement Orifice Plate, Inergen® Fire Suppression System (Ansul 418095)	120.05	13.38
21 22 16 00-0167	EA	3/4" Replacement Orifice Plate, Inergen® Fire Suppression System (Ansul 418096)	125.83	14.09
21 22 16 00-0168	EA	1" Replacement Orifice Plate, Inergen® Fire Suppression System (Ansul 418097)	132.10	14.33
21 22 16 00-0169	EA	1-1/4" Replacement Orifice Plate, Inergen® Fire Suppression System (Ansul 418098)	141.73	14.81

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 22 16 00-0170	EA	1-1/2" Replacement Orifice Plate, Inergen® Fire Suppression System (Ansul 418099)	147.52	16.25
21 22 16 00-0171	EA	2" Replacement Orifice Plate, Inergen® Fire Suppression System (Ansul 418100)	148.25	17.56
21 22 16 00-0172	EA	2-1/2" Replacement Orifice Plate, Inergen® Fire Suppression System (Ansul 426984)	325.41	47.06
21 22 16 00-0173	EA	3" Replacement Orifice Plate, Inergen® Fire Suppression System (Ansul 426985)	328.32	47.54
21 22 16 00-0174	EA	4" Replacement Orifice Plate, Inergen® Fire Suppression System (Ansul 426986)	420.88	60.91
21 22 16 00-0175		**Single Cylinder Bracketing, Inergen® Fire Suppression System** *(21 22 16 00-0079)*		
21 22 16 00-0176	EA	Strap For 435 CF Cylinder, Single Cylinder Bracketing, Inergen® Fire Suppression System (Ansul 427704)	153.32	22.18
21 22 16 00-0177	EA	Channel For 435 CF Cylinder, Single Cylinder Bracketing, Inergen® Fire Suppression System (Ansul 427705) Note: Includes saddle, padding and fasteners.	210.71	50.71
21 22 16 00-0178		**Single Mating Flanges, Flanged Manifold Orifices, Inergen® Fire Suppression System** *(21 22 16 00-0079)*		
21 22 16 00-0179	EA	2-1/2" Threaded, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426856) Note: Includes gasket and fasteners.	398.74	32.79
21 22 16 00-0180	EA	3" Threaded, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426857) Note: Includes gasket and fasteners.	336.03	48.96
21 22 16 00-0181	EA	4" Threaded, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426858) Note: Includes gasket and fasteners.	681.58	328.44
21 22 16 00-0182	EA	2-1/2" Slip-On, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426859) Note: Includes gasket and fasteners.	210.69	30.62
21 22 16 00-0183	EA	3" Slip-On, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426860) Note: Includes gasket and fasteners.	247.32	35.73
21 22 16 00-0184	EA	4" Slip-On, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426861) Note: Includes gasket and fasteners.	676.71	328.44
21 22 16 00-0185	EA	2-1/2" Weld Neck, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426862) Note: Includes gasket and fasteners.	219.36	32.07
21 22 16 00-0186	EA	3" Weld Neck, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426863) Note: Includes gasket and fasteners.	256.97	37.38
21 22 16 00-0187	EA	4" Weld Neck, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426864) Note: Includes gasket and fasteners.	700.81	328.44
21 22 16 00-0188	EA	2-1/2" Flange Gasket, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426828) Note: Includes a stainless steel inner ring and a carbon steel outer ring.	42.85	2.43
21 22 16 00-0189	EA	3" Flange Gasket, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426829) Note: Includes a stainless steel inner ring and a carbon steel outer ring.	43.32	2.68
21 22 16 00-0190	EA	4" Flange Gasket, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426830) Note: Includes a stainless steel inner ring and a carbon steel outer ring.	46.68	3.17
21 22 16 00-0191		**Upright And Feet, Cylinder Bracketing, Inergen® Fire Suppression System** *(21 22 16 00-0079)*		
21 22 16 00-0192	EA	Center Upright Foot, Inergen® Fire Suppression System (Ansul 418508)	26.85	3.90
21 22 16 00-0193	EA	Double Row, Back-To-Back Rows, Weigh Rail Support, Inergen® Fire Suppression System (Ansul 423027)	220.80	29.63
21 22 16 00-0194	EA	85" High, Cylinder Bracketing For 425 CF And LC100 Cylinders, Inergen® Fire Suppression System (Ansul 426592) Note: Includes upright, left, right and center.	164.91	29.63
21 22 16 00-0195		**Autopulse® Fire Detection And Control Equipment** *(21 22 16 00-0001)*		
21 22 16 00-0196		**Accessory Switches, Autopulse® Fire Detection And Control Equipment** *(21 22 16 00-0195)*		
21 22 16 00-0197	EA	Abort, Flush Mount Switch, Autopulse® Fire Detection And Control Equipment (Ansul 76495)	173.08	25.56
21 22 16 00-0198	EA	Abort, Surface Mount Switch, Autopulse® Fire Detection And Control Equipment (Ansul 76494)	196.71	29.14
21 22 16 00-0199	EA	Main/Reserve, Flush Mount Switch, Autopulse® Fire Detection And Control Equipment (Ansul 76497)	250.21	37.03
21 22 16 00-0200	EA	Main/Reserve, Surface Mount Switch, Autopulse® Fire Detection And Control Equipment (Ansul 76496)	269.51	39.89
21 22 16 00-0201	EA	Maintenance, Flush Mount Switch, Autopulse® Fire Detection And Control Equipment (Ansul 76499)	337.47	50.17
21 22 16 00-0202	EA	Maintenance, Surface Mount Switch, Autopulse® Fire Detection And Control Equipment (Ansul 76498)	359.18	53.27
21 22 16 00-0203	EA	Explosion Proof, Abort Switch, Autopulse® Fire Detection And Control Equipment (Ansul 65956)	688.48	102.72
21 22 16 00-0204	EA	Single Gang, Surface Mount Back Box For Accessory Switches, Autopulse® Fire Detection And Control Equipment (Ansul 76490)	55.41	7.65
21 22 16 00-0205		**Alarm Devices, Autopulse® Fire Detection And Control Equipment** *(21 22 16 00-0195)*		
21 22 16 00-0206	EA	Selectable Candela Strobe, Alarm Devices, Autopulse® Fire Detection And Control Equipment (Ansul 429698)	149.94	22.21
21 22 16 00-0207	EA	Sync Module, Alarm Devices, Autopulse® Fire Detection And Control Equipment (Ansul 429699)	219.85	32.49
21 22 16 00-0208	EA	Back Box Extender Adapter, Alarm Devices, Autopulse® Fire Detection And Control Equipment (Ansul 429702)	20.06	2.96
21 22 16 00-0209		**Annunciators, Autopulse® Fire Detection And Control Equipment** *(21 22 16 00-0195)*		
21 22 16 00-0210	EA	80 Character LCD, Annunciator, LCD-80, Autopulse® Fire Detection And Control Equipment (Ansul 417492)	1,727.65	257.76

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 22 16 00-0211	EA	16 Zone Alarm/Trouble, Annunciator Control Module, ACM-16AT, Autopulse® Fire Detection And Control Equipment (Ansul 417496)	1,448.27	215.95
21 22 16 00-0212	EA	16 Zone Alarm/Trouble, Annunciator Expander Module, AEM-16AT, Autopulse® Fire Detection And Control Equipment (Ansul 417497)	1,124.28	167.70
21 22 16 00-0213	EA	32 Zone, Alarm Annunciator Expander Module, AEM-32A, Autopulse® Fire Detection And Control Equipment (Ansul 417500)	979.19	145.96
21 22 16 00-0214	EA	Annunciator Lamp Driver Control Module, LDM-32, Autopulse® Fire Detection And Control Equipment (Ansul 417501)	979.19	145.96
21 22 16 00-0215	EA	Annunciator Lamp Driver Expander Module, LDM-E32, Autopulse® Fire Detection And Control Equipment (Ansul 417502)	784.41	116.82
21 22 16 00-0216	EA	Annunciator Lamp Driver Relay Module, LDM-R32, Autopulse® Fire Detection And Control Equipment (Ansul 417650)	1,448.27	215.95
21 22 16 00-0217	EA	24", Annunciator Lamp Driver Cable, LDM-CBL24, Autopulse® Fire Detection And Control Equipment (Ansul 417651)	294.57	43.72
21 22 16 00-0218	EA	48", Annunciator Lamp Driver Cable, LDM-CBL48, Autopulse® Fire Detection And Control Equipment (Ansul 417652)	369.30	54.94
21 22 16 00-0219	EA	8 Relay, Annunciator Control Module, ACM-8R, Autopulse® Fire Detection And Control Equipment (Ansul 417653)	740.53	110.36
21 22 16 00-0220	EA	Key Switch, AKS-1 Annunciator Accessory, Autopulse® Fire Detection And Control Equipment (Ansul 417660)	125.12	18.51
21 22 16 00-0221	EA	Low Profile Annunciator Chassis, CHS-4L, Autopulse® Fire Detection And Control Equipment (Ansul 418576) Note: For up to 4 LDM modules.	170.18	25.56
21 22 16 00-0222	EA	Flush, Single Annunciator Back Box, ABF-1, Autopulse® Fire Detection And Control Equipment (Ansul 417657)	294.58	43.72
21 22 16 00-0223		**Autopulse IQ-396X Cabinets/Accessories, Autopulse® Fire Detection And Control Equipment** *(21 22 16 00-0195)*		
21 22 16 00-0224	EA	CHS-4 Chassis, IQ-396X Cabinets/Accessories, Autopulse® Fire Detection And Control Equipment (Ansul 419586)	229.01	35.60
21 22 16 00-0225	EA	REL 47K, In Line Supervisory Device, IQ-396X Cabinets/Accessories, Autopulse® Fire Detection And Control Equipment (Ansul 419639)	14.17	2.44
21 22 16 00-0226	EA	REL 4.7K, In Line Supervisory Device, IQ-396X Cabinets/Accessories, Autopulse® Fire Detection And Control Equipment (Ansul 419640)	98.54	2.96
21 22 16 00-0227	EA	REL 2.2K, In Line Supervisory Device, IQ-396X Cabinets/Accessories, Autopulse® Fire Detection And Control Equipment (Ansul 407765)	15.34	2.96
21 22 16 00-0228		**Autopulse IQ-396X Modules, Autopulse® Fire Detection And Control Equipment** *(21 22 16 00-0195)*		
21 22 16 00-0229	EA	Indicating Circuit Expander, IQ-396X Modules, ICE-4, Autopulse® Fire Detection And Control Equipment (Ansul 419564)	509.11	79.79
21 22 16 00-0230	EA	Control Relay Expander, IQ-396X Modules, CRE-4, Autopulse® Fire Detection And Control Equipment (Ansul 419566)	305.19	47.54
21 22 16 00-0231		**Batteries And Power Supplies, Autopulse® Fire Detection And Control Equipment** *(21 22 16 00-0195)*		
21 22 16 00-0232	EA	7 Ampere Hours, 24 Volt DC, Battery Pack, Autopulse® Fire Detection And Control Equipment (Ansul 417692)	224.72	30.58
21 22 16 00-0233	EA	12 Ampere Hours, 24 Volt DC, Battery Pack, Autopulse® Fire Detection And Control Equipment (Ansul 417693)	470.01	64.74
21 22 16 00-0234	EA	18 Ampere Hours, 24 Volt DC, Battery Pack, Autopulse® Fire Detection And Control Equipment (Ansul 417694)	530.42	73.33
21 22 16 00-0235	EA	25 Ampere Hours, 24 Volt DC, Battery Pack, Autopulse® Fire Detection And Control Equipment (Ansul 417695)	692.92	89.34
21 22 16 00-0236	EA	55 Ampere Hours, 24 Volt DC, Battery Pack, Autopulse® Fire Detection And Control Equipment (Ansul 417997)	1,117.70	155.04
21 22 16 00-0237	EA	BB-17, Red Battery Box, Autopulse® Fire Detection And Control Equipment (Ansul 418578)	167.29	24.61
21 22 16 00-0238	EA	BB-25, Grey Cabinet, Autopulse® Fire Detection And Control Equipment (Ansul 428079) Note: Holds six XP5 modules or 25AH battery pack.	298.91	44.43
21 22 16 00-0239	EA	BB-55, Red Battery Box, Autopulse® Fire Detection And Control Equipment (Ansul 419410) Note: For mounting in BB-55 battery box.	607.95	90.54
21 22 16 00-0240	EA	Battery Charger, CHG-120, Autopulse® Fire Detection And Control Equipment (Ansul 426207) Note: For mounting in BB-55 battery box.	1,767.43	263.73
21 22 16 00-0241	EA	120 Volt AC, FCPS-24F, Red Remote Power Supply, Autopulse® Fire Detection And Control Equipment (Ansul 418563)	1,292.54	192.78
21 22 16 00-0242		**Intelligent Addressable Devices, Autopulse® Fire Detection And Control Equipment** *(21 22 16 00-0195)*		
21 22 16 00-0243	EA	Monitor Module, Intelligent Addressable Devices, FMM-1, Autopulse® Fire Detection And Control Equipment (Ansul 428097)	136.20	20.43
21 22 16 00-0244	EA	Mini Monitor Module, Intelligent Addressable Devices, FMM-101, Autopulse® Fire Detection And Control Equipment (Ansul 428098)	127.28	20.31
21 22 16 00-0245	EA	Isolator Module, Intelligent Addressable Devices, ISO-X, Autopulse® Fire Detection And Control Equipment (Ansul 417480)	172.60	29.14
21 22 16 00-0246	EA	2-Wire Detector Monitor Module, Intelligent Addressable Devices, FZM-1, Autopulse® Fire Detection And Control Equipment (Ansul 428100)	256.01	37.99
21 22 16 00-0247	EA	NAC Control Module, Intelligent Addressable Devices, FCM-1, Autopulse® Fire Detection And Control Equipment (Ansul 428101)	199.11	30.81
21 22 16 00-0248	EA	Control Relay Module, Intelligent Addressable Devices, FRM-1, Autopulse® Fire Detection And Control Equipment (Ansul 428102)	187.07	29.63
21 22 16 00-0249	EA	Flangeless, Analog Addressable Detector Base, Intelligent Addressable Devices, B501, Autopulse® Fire Detection And Control Equipment (Ansul 417487)	29.80	4.73
21 22 16 00-0250	EA	Analog Addressable Detector Base With Isolator, Intelligent Addressable Devices, B224BI, Autopulse® Fire Detection And Control Equipment (Ansul 426125)	109.92	16.72

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 22 16 00-0251	EA	Harsh Detector, Analog Addressable Detector Base, Intelligent Addressable Devices, B710HD, Autopulse® Fire Detection And Control Equipment (Ansul 427066)	109.92	16.25
21 22 16 00-0252	EA	HPX-751 Detector Filter Cover, Intelligent Addressable Devices, FR-FTX, Autopulse® Fire Detection And Control Equipment (Ansul 427067)	39.46	13.38
21 22 16 00-0253	EA	Low Profile Trim Ring, Intelligent Addressable Devices, F110, Autopulse® Fire Detection And Control Equipment (Ansul 428138) Note: Converts BX501 to low profile base.	10.11	1.48
21 22 16 00-0254	EA	Relay Base, Intelligent Addressable Devices, B224RB, Autopulse® Fire Detection And Control Equipment (Ansul 423945)	105.81	15.64
21 22 16 00-0255	EA	EOL Power Supervision Relay, Intelligent Addressable Devices, Autopulse® Fire Detection And Control Equipment (Ansul 417699)	61.99	9.22
21 22 16 00-0256	EA	XP5 Modules Cabinet, Intelligent Addressable Devices, BB-XP, Autopulse® Fire Detection And Control Equipment (Ansul 428078)	167.77	24.37
21 22 16 00-0257	EA	BB-25 Chassis, Intelligent Addressable Devices, CHS-6, Autopulse® Fire Detection And Control Equipment (Ansul 428080)	87.74	12.90
21 22 16 00-0258		**Manual Pull Stations, Autopulse® Fire Detection And Control Equipment** *(21 22 16 00-0195)*		
21 22 16 00-0259	EA	Break Rod Package For Manual Pull Stations, Autopulse® Fire Detection And Control Equipment (Ansul 428661)	25.24	3.47
21 22 16 00-0260	EA	Key Pull Station For Manual Pull Stations, Autopulse® Fire Detection And Control Equipment (Ansul 418336)	15.64	1.91
21 22 16 00-0261		**Transmitter/Relay Modules, Autopulse® Fire Detection And Control Equipment** *(21 22 16 00-0195)*		
21 22 16 00-0262	EA	Transmitter Module, 4XTM, Autopulse® Fire Detection And Control Equipment (Ansul 417470) Note: Includes municipal box and remote station connection.	219.85	32.49
21 22 16 00-0263	EA	Relay/Transmitter Module With 8 Form C Relay Contacts, RTM-8, Autopulse® Fire Detection And Control Equipment (Ansul 417471)	660.97	93.40
21 22 16 00-0264	EA	Universal Digital Alarm COM/XMTR Module, UDACT, Autopulse® Fire Detection And Control Equipment (Ansul 419411)	1,262.19	188.24
21 22 16 00-0265	EA	Ferrite Core For Transmitter/Relay Modules, Autopulse® Fire Detection And Control Equipment (Ansul 419635)	33.66	4.88
21 22 16 00-0266		**Vesda® Aspirating Smoke Detection System** *(21 22 16 00-0001)*		
21 22 16 00-0267		**Batteries And Power Supplies, Vesda® Aspirating Smoke Detection System** *(21 22 16 00-0266)*		
21 22 16 00-0268	EA	Transformer Only, VSP-TRAN-120, Vesda® Aspirating Smoke Detection System (Ansul 430482)	171.00	22.94
21 22 16 00-0269	EA	Battery Cabinet, VBC-001, Vesda® Aspirating Smoke Detection System (Ansul 430379)	410.16	34.57
21 22 16 00-0270	EA	120 Volt AC, Single Zone Power Supply With Housing, VPS-100US-120, Vesda® Aspirating Smoke Detection System (Ansul 430374)	951.22	133.77
21 22 16 00-0271	EA	220 Volt AC, Single Zone Power Supply With Housing, VPS-100US-220, Vesda® Aspirating Smoke Detection System (Ansul 430375)	951.22	133.77
21 22 16 00-0272	EA	120 Volt AC, Multi Zone Power Supply, VPS-300US-120, Vesda® Aspirating Smoke Detection System (Ansul 430376) Note: Includes housing and battery cab.	1,429.20	200.66
21 22 16 00-0273	EA	220 Volt AC, Multi Zone Power Supply, VPS-300US-220, Vesda® Aspirating Smoke Detection System (Ansul 430377) Note: Includes housing and battery cab.	1,429.20	200.66
21 22 16 00-0274	EA	48 Volt DC, Multi Zone Power Supply With Housing, VPS-400US-48, Vesda® Aspirating Smoke Detection System (Ansul 430378)	2,086.88	255.61
21 22 16 00-0275		**Blank Plates, Vesda® Aspirating Smoke Detection System** *(21 22 16 00-0266)*		
21 22 16 00-0276	EA	Blank Plate Without VESDA Logo, VSP-300, Vesda® Aspirating Smoke Detection System (Ansul 430459)	30.68	4.30
21 22 16 00-0277	EA	Blank Plate With VESDA Logo, VSP-000, Vesda® Aspirating Smoke Detection System (Ansul 430458)	46.20	4.30
21 22 16 00-0278	EA	Blank Plate, EMC Painted Without Logo, VSP-200, Vesda® Aspirating Smoke Detection System (Ansul 430484)	67.11	8.12
21 22 16 00-0279	EA	Single Blank Plate, VRE-001, Vesda® Aspirating Smoke Detection System (Ansul 430446)	104.43	9.08
21 22 16 00-0280	EA	Double Blank Plate, VRE-002, Vesda® Aspirating Smoke Detection System (Ansul 430447)	131.50	18.15
21 22 16 00-0281	EA	Blank Plate Without FOK LED's And Logo, VSP-100, Vesda® Aspirating Smoke Detection System (Ansul 430480)	243.31	22.94
21 22 16 00-0282		**Detectors, Vesda® Aspirating Smoke Detection System** *(21 22 16 00-0266)*		
21 22 16 00-0283	EA	LaserPLUS, Detector Only, Enclosure, VLP-000, Vesda® Aspirating Smoke Detection System (Ansul 430350) Note: Includes 3 blank plates.	7,186.71	1,122.77
21 22 16 00-0284	EA	LaserPLUS Detector, VLP-012, Vesda® Aspirating Smoke Detection System (Ansul 430354) Note: Includes centrally mounted LCD programmer module and standard display.	9,168.24	1,385.54
21 22 16 00-0285	EA	LaserPLUS Detector, VLP-010, Vesda® Aspirating Smoke Detection System (Ansul 430356) Note: Includes centrally mounted LCD programmer.	8,290.49	1,266.10
21 22 16 00-0286	EA	7-Relay Version, LaserSCANNER Detector Only, VLS-200, Vesda® Aspirating Smoke Detection System (Ansul 430357)	11,525.51	1,672.21
21 22 16 00-0287	EA	12-Relay Version, LaserSCANNER Detector Only, VLS-300, Vesda® Aspirating Smoke Detection System (Ansul 430358)	12,134.61	1,767.77
21 22 16 00-0288	EA	7-Relay Version, LaserSCANNER Detector Only, VLS-600, Vesda® Aspirating Smoke Detection System (Ansul 430359) Note: Includes 1 fire alarm (any SCT) and OK/FOK LEDs.	11,652.47	1,696.09
21 22 16 00-0289	EA	12-Relay Version, LaserSCANNER Detector Only, VLS-700, Vesda® Aspirating Smoke Detection System (Ansul 430360) Note: Includes 1 fire alarm (any SCT) and OK/FOK LED.	12,306.46	1,791.65
21 22 16 00-0290	EA	7-Relay, LaserSCANNER Detector Only, VLS-204, Vesda® Aspirating Smoke Detection System (Ansul 430361) Note: Includes 2 blank plates and scan display module at far right.	12,658.64	1,863.32

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 22 16 00-0291	EA	12-Relay, LaserSCANNER Detector, VLS-304, Vesda® Aspirating Smoke Detection System (Ansul 430363) Note: Includes 2 blank plates and scanner display.	13,208.29	1,958.88
21 22 16 00-0292	EA	7-Relay, LaserSCANNER Detector, VLS-214, Vesda® Aspirating Smoke Detection System (Ansul 430365) Note: Includes centrally mounted programmer module.	13,882.98	2,054.43
21 22 16 00-0293	EA	12-Relay, LaserSCANNER Detector, VLS-314, Vesda® Aspirating Smoke Detection System (Ansul 430367) Note: Includes centrally mounted LCD programmer module and scanner display module.	14,476.01	2,149.98
21 22 16 00-0294	EA	12-Relay, LaserSCANNER Detector, VLS-310, Vesda® Aspirating Smoke Detection System (Ansul 430369) Note: Includes centrally mounted LCD programmer.	13,602.93	1,958.88
21 22 16 00-0295		**Displays, Vesda® Aspirating Smoke Detection System** *(21 22 16 00-0266)*		
21 22 16 00-0296	EA	VRT-200 Display, Standard Version, Vesda® Aspirating Smoke Detection System (Ansul 430381) Note: Includes a remote termination card and 7 relays.	2,183.98	262.77
21 22 16 00-0297	EA	VRT-400 Display, Scanner Version, Vesda® Aspirating Smoke Detection System (Ansul 430385) Note: Includes a remote termination card and 7 relays.	2,194.60	262.77
21 22 16 00-0298	EA	VRT-600 Display, Standard Version, Vesda® Aspirating Smoke Detection System (Ansul 430383) Note: Includes a remote termination card without relays.	1,977.90	238.89
21 22 16 00-0299	EA	VRT-700 Display, Scanner Version, Vesda® Aspirating Smoke Detection System (Ansul 430387) Note: Includes a remote termination card.	1,990.23	238.89
21 22 16 00-0300	EA	VRT-800 Display, Scanner Version, Vesda® Aspirating Smoke Detection System (Ansul 430389) Note: Includes a remote termination card and 12 relays.	2,459.79	286.67
21 22 16 00-0301	EA	VRT-K00 Display, Compact Version Without Relays, Vesda® Aspirating Smoke Detection System (Ansul 430391)	2,090.48	248.44
21 22 16 00-0302	EA	VRT-J00 Display, Compact Version With 7 Relays, Vesda® Aspirating Smoke Detection System (Ansul 430393)	2,288.55	279.02
21 22 16 00-0303		**Intelligent Addressable Devices, Vesda® Aspirating Smoke Detection System** *(21 22 16 00-0266)*		
21 22 16 00-0304	EA	LaserCOMPACT (VN), VESDAnet Version Plus Relay Output, VLC-505, Vesda® Aspirating Smoke Detection System (Ansul 430370)	5,496.12	788.33
21 22 16 00-0305	EA	LaserCOMPACT (RO), Relay Only Version, VLC-500, Vesda® Aspirating Smoke Detection System (Ansul 430372)	4,525.86	630.66
21 22 16 00-0306	EA	Programmer With Remote Termination Card, VRT-100, Vesda® Aspirating Smoke Detection System (Ansul 430380)	1,600.71	238.89
21 22 16 00-0307	EA	VESDAnet Socket, VRT-300, Vesda® Aspirating Smoke Detection System (Ansul 430395)	1,151.81	155.28
21 22 16 00-0308	EA	System Relay Module, VRT-S07, Vesda® Aspirating Smoke Detection System (Ansul 430399)	1,604.53	209.26
21 22 16 00-0309	EA	PC-Link High-Level Interface, VHX-0200, Vesda® Aspirating Smoke Detection System (Ansul 430442) Note: Interface connects PC and LaserPLUS system.	2,389.35	258.00
21 22 16 00-0310	EA	Modem Cable, PC-HLI To Modem Connection, VHX-00090, Vesda® Aspirating Smoke Detection System (Ansul 430443)	302.63	38.70
21 22 16 00-0311	EA	Hand-Held Programmer, VHH-1000, Vesda® Aspirating Smoke Detection System (Ansul 430444)	2,023.00	238.89
21 22 16 00-0312	EA	Programmer Module, VSP-001, Vesda® Aspirating Smoke Detection System (Ansul 430460)	1,445.89	198.27
21 22 16 00-0313	EA	VESDAnet Socket Kit, VSP-003, Vesda® Aspirating Smoke Detection System (Ansul 430463)	1,135.47	152.88
21 22 16 00-0314	EA	Standard Display Module, VSP-002, Vesda® Aspirating Smoke Detection System (Ansul 430461)	1,448.20	198.27
21 22 16 00-0315	EA	Scanner Display Module, VSP-004, Vesda® Aspirating Smoke Detection System (Ansul 430464)	1,445.89	198.27
21 22 16 00-0316	EA	Remote Display Module, Compact (VN), VSP-502, Vesda® Aspirating Smoke Detection System (Ansul 430487)	1,429.34	186.34
21 22 16 00-0317	EA	Filter Cartridge, VSP-005, Vesda® Aspirating Smoke Detection System (Ansul 430466)	170.17	16.72
21 22 16 00-0318	EA	Detector Chassis Assembly, VSP-006, Vesda® Aspirating Smoke Detection System (Ansul 430467)	6,906.72	917.33
21 22 16 00-0319	EA	Scanner Chassis Assembly, VSP-009, Vesda® Aspirating Smoke Detection System (Ansul 430470)	12,035.23	1,605.32
21 22 16 00-0320	EA	Aspirator For LaserPLUS And Laser Scanner, VSP-015, Vesda® Aspirating Smoke Detection System (Ansul 430475)	940.27	119.44
21 22 16 00-0321	EA	Filter Cover, VSP-019, Vesda® Aspirating Smoke Detection System (Ansul 430477)	21.39	2.39
21 22 16 00-0322	EA	Cover Screws, 17606, Vesda® Aspirating Smoke Detection System (Ansul 430478)	12.04	0.47
21 22 16 00-0323	EA	US Power Supply Circuit Board Only, VSP-100, Vesda® Aspirating Smoke Detection System (Ansul 430481)	518.12	69.27
21 22 16 00-0324	EA	Relay Processor Module (DRP), VSP-102, Vesda® Aspirating Smoke Detection System (Ansul 430483)	627.71	84.09
21 22 16 00-0325	EA	Aspirator, LaserCOMPACT, VSP-501, Vesda® Aspirating Smoke Detection System (Ansul 430486)	906.16	121.84
21 22 16 00-0326	EA	RO-Cable For LaserCOMPACT Relay Only, (RO) Version, VSP-509, Vesda® Aspirating Smoke Detection System (Ansul 430488)	133.53	18.15
21 22 16 00-0327	EA	Miniature Sampling Point, E700-SP, Vesda® Aspirating Smoke Detection System (Ansul 430502)	20.89	3.82
21 22 16 00-0328		**Labels And Decals, Vesda® Aspirating Smoke Detection System** *(21 22 16 00-0266)*		
21 22 16 00-0329	EA	Sampling Point Labels, Roll Of 35, E700-SP-DCL-PIPE, Vesda® Aspirating Smoke Detection System (Ansul 430509)	18.96	2.87
21 22 16 00-0330	EA	Round Point Label, Roll Of 50, E700-SP-DCL-PNT, Vesda® Aspirating Smoke Detection System (Ansul 430505)	19.92	3.34
21 22 16 00-0331	EA	Red, Round, Miniature Sampling Point Label, Sheet Of 12, E700-SPLR, Vesda® Aspirating Smoke Detection System (Ansul 430506)	30.68	4.30
21 22 16 00-0332	EA	Grey, Round, Miniature Sampling Point Label, Sheet Of 12, E700-SPLG, Vesda® Aspirating Smoke Detection System (Ansul 430507)	30.72	4.30
21 22 16 00-0333	EA	Sampling Point Decal, Wrap-Around Style, Roll Of 200, E700-SP-DCL, Vesda® Aspirating Smoke Detection System (Ansul 430508)	111.39	16.25
21 22 16 00-0334		**Mounting Hardware, Vesda® Aspirating Smoke Detection System** *(21 22 16 00-0266)*		
21 22 16 00-0335	EA	Remote Mounting Single Box With Escutcheon Only, VKT-000, Vesda® Aspirating Smoke Detection System (Ansul 430456)	274.84	34.40
21 22 16 00-0336	EA	Recessed Mounting Kit For Remote Single Boxes, VSP-012, Vesda® Aspirating Smoke Detection System (Ansul 430472)	370.28	45.86
21 22 16 00-0337	EA	Recessed Mounting Kit For VLP Or VLS Detector, VSP-011, Vesda® Aspirating Smoke Detection System (Ansul 430471)	378.96	50.17
21 22 16 00-0338	EA	Remote 19 Sub Rack With 4 Blank Plates, VSR-0000, Vesda® Aspirating Smoke Detection System (Ansul 430457)	919.66	71.66
21 22 16 00-0339	EA	Sub Rack Enclosure, VRE-100, Vesda® Aspirating Smoke Detection System (Ansul 430445)	1,355.75	157.67

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 22 16 00-0340		**Pipe And Fittings, Vesda® Aspirating Smoke Detection System** *(21 22 16 00-0266)*		
21 22 16 00-0341	LF	3/4", Orange Chlorinated Polyvinyl Chloride (CPVC) Pipe, Vesda® Aspirating Smoke Detection System (Ansul 430491)	6.00	1.82
21 22 16 00-0342	EA	3/4", End Cap, Chlorinated Polyvinyl Chloride (CPVC) Socket Weld, Vesda® Aspirating Smoke Detection System (Ansul 430497)	10.33	3.66
21 22 16 00-0343	EA	3/4", 45 Degree Elbow, Chlorinated Polyvinyl Chloride (CPVC) Socket Weld, Vesda® Aspirating Smoke Detection System (Ansul 430494)	28.59	10.97
21 22 16 00-0344	EA	3/4", 90 Degree Elbow, Chlorinated Polyvinyl Chloride (CPVC) Socket Weld, Vesda® Aspirating Smoke Detection System (Ansul 430493)	29.46	10.97
21 22 16 00-0345	EA	3/4", Coupling, Chlorinated Polyvinyl Chloride (CPVC) Socket Weld, Vesda® Aspirating Smoke Detection System (Ansul 430495)	20.26	7.31
21 22 16 00-0346	EA	3/4", Union, Chlorinated Polyvinyl Chloride (CPVC) Socket Weld, Vesda® Aspirating Smoke Detection System (Ansul 430496)	32.49	10.97
21 22 16 00-0347	EA	3/4", Tee, Chlorinated Polyvinyl Chloride (CPVC) Socket Weld, Vesda® Aspirating Smoke Detection System (Ansul 430498)	43.85	16.45
21 22 16 00-0348	EA	3/4" x 1/2" FPT, Tee, Chlorinated Polyvinyl Chloride (CPVC), Vesda® Aspirating Smoke Detection System (Ansul 430499)	54.60	19.31
21 22 16 00-0349	LF	1/2" OD x 3/8" ID, Black Polyethylene Tubing, Vesda® Aspirating Smoke Detection System (Ansul 430500)	5.03	1.73
21 22 16 00-0350	EA	Pipe Adapters, Metric-To-Imperial, VSP-021, Vesda® Aspirating Smoke Detection System (Ansul 430479)	19.99	5.26
21 22 16 00-0351	EA	Capillary Kit, 1 Male 1/2" TH x 1/2" OD, 1 Female 1/2" OD, Plastic, E700-CAP KIT, Vesda® Aspirating Smoke Detection System (Ansul 430503)	24.28	3.82
21 22 16 00-0352	EA	Capillary Kit, 1 Male 1/2" TH x 1/2" OD, 1 Female 1/2" OD, Brass, Vesda® Aspirating Smoke Detection System (Ansul 430504)	34.81	5.26
21 22 16 00-0353		**Remote Termination And Relay Cards, Vesda® Aspirating Smoke Detection System** *(21 22 16 00-0266)*		
21 22 16 00-0354	EA	VRT-500, Remote Termination And Relay Proc Card With Blank Plates, Vesda® Aspirating Smoke Detection System (Ansul 430396) Note: Remote box includes 7 relays for VLP/VLC.	1,585.98	183.47
21 22 16 00-0355	EA	VN, Compact Termination Card, VSP-515, Vesda® Aspirating Smoke Detection System (Ansul 430490)	1,617.82	211.18
21 22 16 00-0356	EA	12-Relay, Remote Termination Card, VSP-208, Vesda® Aspirating Smoke Detection System (Ansul 430485)	979.30	129.00
21 22 16 00-0357	EA	RO, Compact Termination Card, VSP-510, Vesda® Aspirating Smoke Detection System (Ansul 430489)	1,118.90	145.72
21 22 16 00-0358	EA	VRT-501, Remote Termination And Relay Proc Card With Blank Plates, Vesda® Aspirating Smoke Detection System (Ansul 430397) Note: Remote box includes 7 relays for VLS.	1,585.98	183.47
21 22 16 00-0359	EA	VRT-900 Remote Termination And Relay Proc Card With Blank Plates, Vesda® Aspirating Smoke Detection System (Ansul 430398) Note: Remote box includes 12 relays for VLS.	1,913.34	211.18
21 22 16 00-0360	EA	Remote Termination Card Without Relay, VSP-007, Vesda® Aspirating Smoke Detection System (Ansul 430468)	543.01	64.97
21 22 16 00-0361	EA	Remote Termination Card (RTC7), VSP-008, Vesda® Aspirating Smoke Detection System (Ansul 430469)	816.81	99.37
21 22 16 00-0362	EA	7-Relay, Head Termination Card, VSP-014, Vesda® Aspirating Smoke Detection System (Ansul 430474)	1,539.29	205.45
21 22 16 00-0363	EA	12-Relay, Head Termination Card, VSP-016, Vesda® Aspirating Smoke Detection System (Ansul 430476)	2,258.15	301.00
21 22 16 00-0364		**Preferred® Low Pressure CO2 System** *(21 22 16 00-0001)*		
21 22 16 00-0365		**Manual Pull Stations, Preferred® Low Pressure CO2 System** *(21 22 16 00-0364)*		
21 22 16 00-0366	EA	Addressable, DPST, Dual Action Pull Station, Preferred® Low Pressure CO2 System (Ansul 428658) Note: Excludes FMM-101.	121.92	16.72
21 22 16 00-0367	EA	Weatherproof Backbox For Manual Pull Stations, Preferred® Low Pressure CO2 System (Ansul 428659)	91.20	12.42
21 22 16 00-0368		**Industrial Fire Control System** *(21 22 16 00-0001)*		
21 22 16 00-0369		**Alarm Devices, Industrial Fire Control System** *(21 22 16 00-0368)*		
21 22 16 00-0370	EA	Explosion Proof Alarm Horn, Alarm Devices, Industrial Fire Control System (Ansul 65947)	2,952.95	440.75
21 22 16 00-0371	EA	6", 115 Volt AC Alarm Bell For Release Systems, Alarm Devices, Industrial Fire Control System (Ansul 24751)	90.16	10.13
21 22 16 00-0372	EA	24 Volt AC, Multitone Horn, Alarm Devices, Industrial Fire Control System (Ansul 429697)	89.19	13.14
21 22 16 00-0373	EA	Weatherproof Surface Back Box For Horn And Strobe, Alarm Devices, Industrial Fire Control System (Ansul 429700)	53.13	7.89
21 22 16 00-0374	EA	Semi-Flush Plate, Alarm Devices, Industrial Fire Control System (Ansul 429701)	21.72	3.20
21 22 16 00-0375		**Manual Pull Stations, Industrial Fire Control System** *(21 22 16 00-0368)*		
21 22 16 00-0376	EA	SPST, Dual Action Pull Station, Industrial Fire Control System (Ansul 428655)	100.75	13.85
21 22 16 00-0377	EA	DPST, Dual Action Pull Station, Industrial Fire Control System (Ansul 428656)	142.06	19.59
21 22 16 00-0378	EA	Explosion Proof, DPDT, Dual Action Pull Station, Industrial Fire Control System (Ansul 428657)	1,109.15	153.84
21 22 16 00-0379	EA	Surface Mounted Backbox For Manual Pull Stations, Industrial Fire Control System (Ansul 428660)	32.25	4.44
21 22 16 00-0380	EA	Extra Pull Station Labels For Manual Pull Stations, Industrial Fire Control System (Ansul 428654)	14.45	1.98
21 22 16 00-0381		**Marine Fire Control System** *(21 22 16 00-0001)*		
21 22 16 00-0382		**Alarm Devices, Marine Fire Control System** *(21 22 16 00-0381)*		
21 22 16 00-0383	EA	Weatherproof Surface Mount Back Box For Alarm Accessories, Alarm Devices, Marine Fire Control System (Ansul 24747)	58.44	8.03
21 22 16 00-0384	EA	6", 24 Volt DC, Alarm Bell, Alarm Devices, Marine Fire Control System (Ansul 417805)	107.72	15.52
21 22 16 00-0385	EA	10", 24 Volt DC, Alarm Bell, Alarm Devices, Marine Fire Control System (Ansul 417806)	107.72	15.52

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 22 16 00-0386		**FM200 System Equipment** *(21 22 16)*		
21 22 16 00-0387	EA	26 LB Cylinder, Filled, For FM200 Fire Protection system	3,620.63	115.24
21 22 16 00-0388	EA	44 LB Cylinder, Filled, For FM200 Fire Protection system	5,194.99	131.95
21 22 16 00-0389	EA	63 LB Cylinder, Filled, For FM200 Fire Protection system	6,166.82	155.58
21 22 16 00-0390	EA	101 LB Cylinder, Filled, For FM200 Fire Protection system	8,176.34	184.39
21 22 16 00-0391	EA	196 LB Cylinder, Filled, For FM200 Fire Protection system	12,788.76	230.49
21 22 16 00-0392	EA	Electro/Mechanical Release, For FM200 Fire Protection system	769.17	230.49
21 22 16 00-0393	EA	Manual Pull Station, For FM200 Fire Protection system	268.82	76.64
21 22 16 00-0394	EA	Pneumatic Damper Release, For FM200 Fire Protection system	333.54	57.62
21 22 16 00-0395	LB	FM200 Gas	28.03	
21 22 16 00-0396	EA	Master Cylinder, For FM200 Fire Protection system	5,926.11	62.00
21 22 16 00-0397	EA	Shuttle Check Valve, For FM200 Fire Protection system	840.11	86.66
21 22 16 00-0398	EA	Flex Head Cylinder, For FM200 Fire Protection system	836.26	92.89
21 22 16 00-0399	EA	Nozzles, For FM200 Fire Protection system	206.97	32.85
21 22 16 00-0400	EA	Cylinder Support, For FM200 Fire Protection system	239.18	62.00
21 22 16 00-0401	EA	Solenoid Valve, For FM200 Fire Protection system	1,087.37	92.89
21 22 16 00-0402	EA	Battery Back-Up, For FM200 Fire Protection system	794.60	245.00
21 22 16 00-0403	EA	Control Panel, Single Zone, For FM200 Fire Protection system	4,259.25	460.28
21 22 16 00-0404	EA	Control Panel, Multi Zone, For FM200 Fire Protection system	6,877.15	921.61
21 22 16 00-0405	EA	Smoke Or Heat Detector, For FM200 Fire Protection system	334.43	92.89
21 22 16 00-0406	EA	Annunciator, For FM200 Fire Protection system	3,452.65	348.84
21 22 16 00-0407	EA	Pressure Switch, For FM200 Fire Protection system	364.05	92.89
21 22 16 00-0408	EA	Alarm Horn, For FM200 Fire Protection system	331.57	92.89
21 22 16 00-0409	EA	Testing, For FM200 Fire Protection system	1,549.63	
21 22 16 00-0410	EA	Abort Switch, For FM200 Fire Protection system	232.13	43.21

21 23 Wet-Chemical Fire-Extinguishing Systems *(21 20)*

21 23 16 Wet-Chemical Fire-Extinguishing Equipment *(21 23)*

21 23 16 00-0001 Kidde Fire Systems *(21 23 16)*
Note: Kidde or equal.

21 23 16 00-0002 Cylinders And Hardware *(21 23 16 00-0001)*

21 23 16 00-0003	EA	125 Cylinder And Valve Assembly With 1.25 Gallon of Wet Agent	915.77	95.36
21 23 16 00-0004	EA	260 Cylinder And Valve Assembly With 2.6 Gallon Of Wet Agent	1,052.58	118.77
21 23 16 00-0005	EA	400S And M Cylinder And Valve Assembly With 4 Gallon Of Wet Agent	1,289.84	146.53
21 23 16 00-0006	EA	600 And L Cylinder And Valve Assembly With 6 Gallon Of Wet Agent	1,523.16	173.87
21 23 16 00-0007	EA	Discharge Adapter Kit (One Required Per Cylinder)	51.31	4.98
21 23 16 00-0008	EA	System Valve Actuator	184.41	19.82
21 23 16 00-0009	EA	Vent Plug	34.61	4.03
21 23 16 00-0010	EA	Gauge Shield	93.70	10.60
21 23 16 00-0011	EA	125 Cylinder Wall Mounting Bracket	95.05	10.60
21 23 16 00-0012	EA	260 Cylinder Wall Mounting Bracket	100.76	11.23
21 23 16 00-0013	EA	400S And M Cylinder Wall Mounting Bracket	191.52	21.19
21 23 16 00-0014	EA	600 And 400M Cylinder Shelf Bracket	188.37	24.05
21 23 16 00-0015	EA	600 And 400M Cylinder Floor Mounting Kit	278.18	24.11
21 23 16 00-0016	EA	125 And 260 Cylinder Replacement Bracket Strap	37.53	
21 23 16 00-0017	EA	400 And 600 Cylinder Replacement Bracket Strap	39.61	

21 23 16 00-0018 Nozzles And Accessories *(21 23 16 00-0001)*

21 23 16 00-0019	EA	ADP, F, GRW Or R Nozzle	85.25	9.75
21 23 16 00-0020	EA	LPF Or DM Nozzle	92.63	9.75
21 23 16 00-0021	EA	LPR Nozzle	107.84	9.75
21 23 16 00-0022	EA	3/8" Swivel Adapter For Nozzles	63.94	6.89
21 23 16 00-0023	EA	Removal And Replacement Of Nozzle Seals	10.08	
21 23 16 00-0024	EA	Chrome Nozzle Disc Cap	6.21	0.63
21 23 16 00-0025	EA	LPR Nozzle Disc Cap	35.96	9.69

21 23 16 00-0026 Control Systems *(21 23 16 00-0001)*

21 23 16 00-0027	EA	XV Control System Note: Includes (1) SVA, (1) system cartridge, (1) test cartridge, (1) EMT connector kit, (1) SPDT microswitch kit, and (1) SPDT microswitch kit.	1,185.84	63.57
21 23 16 00-0028	EA	7-1/2" High Pressure Hose (Required for cylinder mounted XV Control System)	99.92	10.60
21 23 16 00-0029	EA	24" High Pressure Hose	118.56	10.60
21 23 16 00-0030	EA	60" High Pressure Hose	160.00	10.60
21 23 16 00-0031	EA	XV Solenoid Kit (Electric Actuator), 24 Volt DC	230.91	21.19
21 23 16 00-0032	EA	XV Microswitch Kit, SPDT	75.86	9.96
21 23 16 00-0033	EA	XV Microswitch Kit, SPDT, Terminal Type, For Alarm/Release	82.07	9.96
21 23 16 00-0034	EA	EMT Connector Kit (EMT Connector And O-Ring)	32.47	7.95
21 23 16 00-0035	EA	KRS-50 Control Box Assembly Note: Includes (1) SVA, (2) CO2 cartridges, (2) set screws, (1) grommet, (1) cover label, and (1) exhaust fan caution label.	666.36	41.05
21 23 16 00-0036	EA	SPDT Microswitch For KRS-50	89.30	9.96
21 23 16 00-0037	EA	DPDT Microswitch For KRS-50	161.55	17.27
21 23 16 00-0038	EA	SPDT Pressure Switch (Fire Department Tie-In)	496.15	55.42

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 23 16 00-0039		**Mechanical Actuation Components** *(21 23 16 00-0001)*		
21 23 16 00-0040	EA	Universal Detector Link Housing Kit, Mechanical Actuation Systems Note: Includes (1) bracket (11-3/4"), (2) "S" hook, and (2) cable crimp sleeves.	56.88	15.90
21 23 16 00-0041	EA	XV Low Profile Link Detector Housing Kit Note: Includes (1) bracket, (2) 1/2" EMT connectors, (4) cable crimp sleeves, and (1) S hook.	85.65	15.90
21 23 16 00-0042	EA	XV Or KRS-50 Remote Manual Release, Combination Pull-To-Trip/Release-To-Trip	236.66	10.60
21 23 16 00-0043	EA	XV Remote Manual Release, Pull-To-Trip	180.72	10.60
21 23 16 00-0044	EA	Corner Pulley, Mechanical Actuation Systems	24.91	2.86
21 23 16 00-0045	EA	Double Tee Pulley, Mechanical Actuation Systems	343.51	17.48
21 23 16 00-0046	EA	In-Line Tee Pulley, Mechanical Actuation Systems	41.74	4.66
21 23 16 00-0047	EA	Corner Pulley / Quik-Seal Adapter Combination	95.54	5.30
21 23 16 00-0048	LF	1/16" Cable, Mechanical Actuation Systems	2.58	1.06
21 23 16 00-0049	EA	Cable Clamp	13.49	0.53
21 23 16 00-0050	EA	Cable Crimp Sleeve, Mechanical Actuation Systems	1.66	0.42
21 23 16 00-0051	EA	"S" Hook, Mechanical Actuation Systems	1.60	0.42
21 23 16 00-0052	EA	1/2" EMT x 3/8" NPT Adapter, Mechanical Actuation Systems	89.06	9.85
21 23 16 00-0053		**Mechanical Detection Links** *(21 23 16 00-0001)*		
21 23 16 00-0054	EA	KGS Standard Response Link	19.16	5.30
21 23 16 00-0055	EA	KGS Rapid Response Link	27.73	5.30
21 23 16 00-0056	EA	KFA Type "A" Fusible Link	23.89	5.30
21 23 16 00-0057	EA	KML Type "ML" Fusible Link	25.10	5.30
21 23 16 00-0058	EA	500 Degree, KML Type "ML" Fusible Link	37.53	5.30
21 23 16 00-0059		**Gas Valves** *(21 23 16 00-0001)*		
21 23 16 00-0060	EA	3/4" NPT Mechanical Cable Operated Gas Shut-off Valve	401.61	22.89
21 23 16 00-0061	EA	1" NPT Mechanical Cable Operated Gas Shut-off Valve	437.35	28.19
21 23 16 00-0062	EA	1-1/4" NPT Mechanical Cable Operated Gas Shut-off Valve	502.45	35.60
21 23 16 00-0063	EA	1-1/2" NPT Mechanical Cable Operated Gas Shut-off Valve	551.47	41.00
21 23 16 00-0064	EA	2" NPT Mechanical Cable Operated Gas Shut-off Valve	595.90	48.42
21 23 16 00-0065	EA	2-1/2" NPT Mechanical Cable Operated Gas Shut-off Valve	987.58	70.78
21 23 16 00-0066	EA	3" NPT Mechanical Cable Operated Gas Shut-off Valve	1,102.96	81.90
21 23 16 00-0067	EA	Pneumatic Release (Single Unit)	456.19	25.85
21 23 16 00-0068	EA	Removal And Replacement Of Cable Block And Set Screw Assembly For Gas Valve	61.48	
21 23 16 00-0069	EA	1/2" Electric Solenoid Gas Shut-off Valve	419.08	21.30
21 23 16 00-0070	EA	3/4" Electric Solenoid Gas Shut-off Valve	422.28	22.89
21 23 16 00-0071	EA	1" Electric Solenoid Gas Shut-off Valve	651.46	28.19
21 23 16 00-0072	EA	1-1/4" Electric Solenoid Gas Shut-off Valve	689.98	35.60
21 23 16 00-0073	EA	1-1/2" Electric Solenoid Gas Shut-off Valve	792.15	41.00
21 23 16 00-0074	EA	2" Electric Solenoid Gas Shut-off Valve	1,018.21	48.42
21 23 16 00-0075	EA	2-1/2" Electric Solenoid Gas Shut-off Valve	1,683.06	70.78
21 23 16 00-0076	EA	3" Electric Solenoid Gas Shut-off Valve	2,114.43	81.90
21 23 16 00-0077	EA	Manual Reset Relay	574.77	106.48
21 23 16 00-0078		**Liquid Tight Sealing Adapters** *(21 23 16 00-0001)*		
21 23 16 00-0079	EA	3/8" Tubing, Compression Seal Adapter	45.81	4.45
21 23 16 00-0080	EA	1/2" Tubing, 1/4" Pipe, Compression Seal Adapter	45.12	4.88
21 23 16 00-0081	EA	5/8" Tubing, 3/8" Pipe, Compression Seal Adapter	52.97	5.82
21 23 16 00-0082	EA	3/4" Tubing, 1/2" Pipe, Compression Seal Adapter	61.14	6.26
21 23 16 00-0083	EA	1/2" Electrical Metallic Tubing (EMT), Compression Seal Adapter	52.97	5.82
21 23 16 00-0084	EA	3/8" NPT Female, Quik-Seal Adapter	45.12	4.88
21 23 16 00-0085	EA	1/2" NPT Female, Quik-Seal Adapter	45.12	4.88
21 23 16 00-0086	EA	3/4" NPT Female, Quik-Seal Adapter	74.08	8.26
21 23 16 00-0087	EA	1" NPT Female, Quik-Seal Adapter	98.63	10.91
21 23 16 00-0088	EA	Quik-Patch For Hole Patching Up To 1-1/8" Diameter	45.12	
21 23 16 00-0089		**Pressure Operated Releasing Systems** *(21 23 16 00-0001)*		
21 23 16 00-0090	EA	KRS-100 Nitrogen Cylinder	328.27	32.00
21 23 16 00-0091	EA	KRS-100 Actuator Assembly	294.11	32.63
21 23 16 00-0092	EA	KRS-100 Mounting Bracket	231.59	8.05
21 23 16 00-0093	EA	KRS-700S Nitrogen Cylinder	844.56	92.29
21 23 16 00-0094	EA	KRS-700 Mounting Bracket	179.78	19.71
21 23 16 00-0095	EA	KRS-700S Discharge Adapter Kit	272.61	19.71
21 23 16 00-0096	EA	Check Valve, Pressure Operated Releasing Systems	270.10	13.98
21 23 16 00-0097	EA	Vent Check, Pressure Operated Releasing Systems	82.86	8.90
21 23 16 00-0098	EA	Removal And Replacement Of Receiver Gasket For KRS-100 Actuator Assembly	10.93	
21 23 16 00-0099	EA	3 Pole, Double Throw Pressure Switch	676.95	74.17
21 23 16 00-0100		**Pyro-Chem Kitchen Fire Suppression Systems** *(21 23 16)*		
21 23 16 00-0101		**Cylinders, Kitchen Fire Suppression Systems** *(21 23 16 00-0100)*		
21 23 16 00-0102	EA	3.0 Gallon Agent Cylinder With Valve, Kitchen Fire Suppression Systems (Pyro-Chem 551194)	875.34	75.22
21 23 16 00-0103	EA	4.6 Gallon Agent Cylinder With Valve, Kitchen Fire Suppression Systems (Pyro-Chem 551193)	1,260.87	108.39

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 23 16 00-0104	EA	6.0 Gallon Agent Cylinder With Valve, Kitchen Fire Suppression Systems (Pyro-Chem 551196)	1,655.24	148.23
21 23 16 00-0105	EA	Cylinder Mounting Bracket, Kitchen Fire Suppression Systems (Pyro-Chem 550053)	179.18	17.69
21 23 16 00-0106	EA	Enclosure With Mechanical Control Unit, Kitchen Fire Suppression Systems (Pyro-Chem 551208)	1,179.73	115.70
21 23 16 00-0107	EA	Enclosure For Secondary Cylinders, Kitchen Fire Suppression Systems (Pyro-Chem 550966)	720.30	70.56
21 23 16 00-0108		**Fusible Links, Kitchen Fire Suppression Systems** *(21 23 16 00-0100)*		
21 23 16 00-0109	EA	165 Fahrenheit, Fusible Link, Kitchen Fire Suppression Systems (Pyro-Chem 551522)	23.26	2.33
21 23 16 00-0110	EA	212 Fahrenheit, Fusible Link, Kitchen Fire Suppression Systems (Pyro-Chem 551523)	23.26	2.33
21 23 16 00-0111	EA	280 Fahrenheit, Fusible Link, Kitchen Fire Suppression Systems (Pyro-Chem 551524)	23.82	2.33
21 23 16 00-0112	EA	360 Fahrenheit, Fusible Link, Kitchen Fire Suppression Systems (Pyro-Chem 551525)	23.26	2.33
21 23 16 00-0113	EA	450 Fahrenheit, Fusible Link, Kitchen Fire Suppression Systems (Pyro-Chem 551526)	23.26	2.33
21 23 16 00-0114	EA	500 Fahrenheit, Fusible Link, Kitchen Fire Suppression Systems (Pyro-Chem 551527)	25.31	2.33
21 23 16 00-0115	EA	Fusible Link Kit With 10" Bracket, Kitchen Fire Suppression Systems (Pyro-Chem 550131)	40.29	3.92
21 23 16 00-0116	EA	Fusible Link Kit With 8" Bracket, Kitchen Fire Suppression Systems (Pyro-Chem 550132)	52.29	5.19
21 23 16 00-0117	EA	Fusible Link Hanger, Kitchen Fire Suppression Systems (Pyro-Chem 550876)	62.31	26.81
21 23 16 00-0118	EA	225 To 600 Fahrenheit, Electrical Thermal Detector, Kitchen Fire Suppression Systems (Pyro-Chem 13970-6)	502.32	59.65
21 23 16 00-0119		**Gas Valves, Kitchen Fire Suppression Systems** *(21 23 16 00-0100)*		
21 23 16 00-0120	EA	3/4" Mechanical Gas Valve, Direct Cable Hookup, Kitchen Fire Suppression Systems (Pyro-Chem 550593)	421.87	22.89
21 23 16 00-0121	EA	1" Mechanical Gas Valve, Direct Cable Hookup, Kitchen Fire Suppression Systems (Pyro-Chem 550594)	480.34	28.19
21 23 16 00-0122	EA	1-1/4" Mechanical Gas Valve, Direct Cable Hookup, Kitchen Fire Suppression Systems (Pyro-Chem 550595)	518.02	35.60
21 23 16 00-0123	EA	1-1/2" Mechanical Gas Valve, Direct Cable Hookup, Kitchen Fire Suppression Systems (Pyro-Chem 550596)	569.69	40.90
21 23 16 00-0124	EA	2" Mechanical Gas Valve, Direct Cable Hookup, Kitchen Fire Suppression Systems (Pyro-Chem 551049)	655.23	48.32
21 23 16 00-0125	EA	2-1/2" Mechanical Gas Valve, Direct Cable Hookup, Kitchen Fire Suppression Systems (Pyro-Chem 550185)	1,529.72	70.67
21 23 16 00-0126	EA	3" Mechanical Gas Valve, Direct Cable Hookup, Kitchen Fire Suppression Systems (Pyro-Chem 550186)	1,631.80	81.79
21 23 16 00-0127	EA	3/4" Electrical Gas Valve, Kitchen Fire Suppression Systems (Pyro-Chem 550358)	330.65	22.89
21 23 16 00-0128	EA	1" Electrical Gas Valve, Kitchen Fire Suppression Systems (Pyro-Chem 550359)	564.71	28.19
21 23 16 00-0129	EA	1-1/4" Electrical Gas Valve, Kitchen Fire Suppression Systems (Pyro-Chem 550360)	588.69	35.60
21 23 16 00-0130	EA	1-1/2" Electrical Gas Valve, Kitchen Fire Suppression Systems (Pyro-Chem 550361)	670.00	40.90
21 23 16 00-0131	EA	2" Electrical Gas Valve, Kitchen Fire Suppression Systems (Pyro-Chem 550362)	928.83	48.32
21 23 16 00-0132	EA	2-1/2" Electrical Gas Valve, Kitchen Fire Suppression Systems (Pyro-Chem 550363)	1,798.73	70.67
21 23 16 00-0133	EA	3" Electrical Gas Valve, Kitchen Fire Suppression Systems (Pyro-Chem 17643)	1,896.29	81.79
21 23 16 00-0134		**Nozzles, Kitchen Fire Suppression Systems** *(21 23 16 00-0100)*		
21 23 16 00-0135	EA	Nozzle, Kitchen Fire Suppression Systems (Pyro-Chem)	83.42	7.84
21 23 16 00-0136	EA	Swivel Nozzle, Kitchen Fire Suppression Systems (Pyro-Chem)	118.58	9.96
21 23 16 00-0137	EA	Stainless Steel Nozzle, Kitchen Fire Suppression Systems (Pyro-Chem)	460.47	9.96
21 23 16 00-0138		**Actuating Cylinders/Cartridges, Kitchen Fire Suppression Systems** *(21 23 16 00-0100)*		
21 23 16 00-0139	EA	Carbon Dioxide Actuation Cartridge, Kitchen Fire Suppression Systems (Pyro-Chem 551059)	30.78	3.07
21 23 16 00-0140	EA	PAC-10, Pneumatic Actuating Cylinder, Kitchen Fire Suppression Systems (Pyro-Chem 550104)	1,008.42	99.49
21 23 16 00-0141	EA	PAC-200, Pneumatic Actuating Cylinder, Kitchen Fire Suppression Systems (Pyro-Chem 550690)	1,284.96	127.25
21 23 16 00-0142		**Circuit Monitors, Kitchen Fire Suppression Systems** *(21 23 16 00-0100)*		
21 23 16 00-0143	EA	24 Volt DC, System Circuit Monitor/Gas Valve Reset Relay, Kitchen Fire Suppression Systems (Pyro-Chem 550303)	659.20	65.16
21 23 16 00-0144	EA	120 Volt AC, System Circuit Monitor/Gas Valve Reset Relay, Kitchen Fire Suppression Systems (Pyro-Chem 550302)	795.40	78.51
21 23 16 00-0145		**Control Heads, Kitchen Fire Suppression Systems** *(21 23 16 00-0100)*		
21 23 16 00-0146	EA	Mechanical Control Head, No Local Action, Kitchen Fire Suppression Systems (Pyro-Chem 551203)	727.30	71.84
21 23 16 00-0147	EA	Mechanical Control Head With Local Action, Kitchen Fire Suppression Systems (Pyro-Chem 551200)	759.06	75.12
21 23 16 00-0148	EA	24 Volt DC, Electrical Control Head With Local Actuation, Kitchen Fire Suppression Systems (Pyro-Chem 551201)	988.78	97.69
21 23 16 00-0149	EA	120 Volt AC Electrical Control Head With Local Actuation, Kitchen Fire Suppression Systems (Pyro-Chem 551202)	1,134.27	112.31
21 23 16 00-0150	EA	Control Head Mounting Bracket, Kitchen Fire Suppression Systems (Pyro-Chem 550853)	92.13	9.11
21 23 16 00-0151		**Corner Pulleys/Tees, Kitchen Fire Suppression Systems** *(21 23 16 00-0100)*		
21 23 16 00-0152	EA	Set Screw Type, Corner Pulley, Kitchen Fire Suppression Systems (Pyro-Chem 415670)	23.11	1.48
21 23 16 00-0153	EA	Compression Type, Corner Pulley, Kitchen Fire Suppression Systems (Pyro-Chem 423250)	23.79	1.90
21 23 16 00-0154	EA	Tee Pulley, Kitchen Fire Suppression Systems (Pyro-Chem 550166)	73.87	7.31
21 23 16 00-0155	EA	Removal And Replacement Of Screw For Corner Pulley, Kitchen Fire Suppression Systems (Pyro-Chem 550272)	0.93	
21 23 16 00-0156		**Switches, Kitchen Fire Suppression Systems** *(21 23 16 00-0100)*		
21 23 16 00-0157	EA	SPDT Switch, Kitchen Fire Suppression Systems (Pyro-Chem 550227)	80.34	7.95
21 23 16 00-0158	EA	DPDT Switch, Kitchen Fire Suppression Systems (Pyro-Chem 550237)	160.92	15.79
21 23 16 00-0159	EA	Four Pole Double Throw Switch, Kitchen Fire Suppression Systems (Pyro-Chem 550978)	340.56	33.48
21 23 16 00-0160		**Wire Rope/Accessories, Kitchen Fire Suppression Systems** *(21 23 16 00-0100)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 23 16 00-0161	LF	1/16" Diameter Stainless Steel Wire Rope, Kitchen Fire Suppression Systems (Pyro-Chem 15821)	1.64	0.32
21 23 16 00-0162	EA	Crimps For 1/16" Diameter Stainless Steel Wire Rope, Kitchen Fire Suppression Systems (Pyro-Chem 550122)	0.95	0.32
21 23 16 00-0163	EA	High Temperature Stainless Steel Crimps, Kitchen Fire Suppression Systems (Pyro-Chem 551551)	4.00	0.42
21 23 16 00-0164	EA	"S" Hooks, Kitchen Fire Suppression Systems (Pyro-Chem 550121)	0.67	
21 23 16 00-0165		**Replacement Parts, Kitchen Fire Suppression Systems** *(21 23 16 00-0100)*		
21 23 16 00-0166	EA	Wet Valve Rebuilding Kit, Kitchen Fire Suppression Systems (Pyro-Chem 550698)	76.32	7.63
21 23 16 00-0167	EA	Wet Valve Cap With Schrader Valve, Kitchen Fire Suppression Systems (Pyro-Chem 550831)	79.68	7.95
21 23 16 00-0168	EA	Wet Spring, Kitchen Fire Suppression Systems (Pyro-Chem 550705)	9.33	0.96
21 23 16 00-0169	EA	225 psi, Wet Gauge, Kitchen Fire Suppression Systems (Pyro-Chem 551236)	109.63	10.39
21 23 16 00-0170	EA	Wet Valve O-ring, Kitchen Fire Suppression Systems (Pyro-Chem 550716)	15.35	1.48
21 23 16 00-0171	EA	Wet Piston, Kitchen Fire Suppression Systems (Pyro-Chem 550707)	21.37	2.12
21 23 16 00-0172	EA	Wet Piston O-Ring, Kitchen Fire Suppression Systems (Pyro-Chem 550715)	9.33	0.96
21 23 16 00-0173	EA	Wet Nozzle Cap, Kitchen Fire Suppression Systems (Pyro-Chem 551528)	13.15	1.27
21 23 16 00-0174	EA	Wet Nozzle Strainer, Kitchen Fire Suppression Systems (Pyro-Chem 551529)	12.86	1.27
21 23 16 00-0175	EA	Wet Nozzle Cap O-Ring, Kitchen Fire Suppression Systems (Pyro-Chem 551530)	3.68	0.32
21 23 16 00-0176	EA	Removal And Replacement Of Teflon Washer For Control Head Actuator, Kitchen Fire Suppression Systems (Pyro-Chem 550257)	6.23	
21 23 16 00-0177	EA	O-Ring Lubrication, Kitchen Fire Suppression Systems (Pyro-Chem 550063)	119.03	
21 23 16 00-0178	EA	3.0 Gallon Empty Test Tank, Kitchen Fire Suppression Systems (Pyro-Chem 551024)	812.02	
21 23 16 00-0179	EA	4.6 Gallon Empty Test Tank, Kitchen Fire Suppression Systems (Pyro-Chem 550902)	1,053.60	
21 23 16 00-0180	EA	6.0 Gallon Empty Test Tank, Kitchen Fire Suppression Systems (Pyro-Chem 550901)	1,216.59	
21 23 16 00-0181		**Accessories, Kitchen Fire Suppression Systems** *(21 23 16 00-0100)*		
21 23 16 00-0182	EA	3/8" Quickseal Adapter, Kitchen Fire Suppression Systems (Pyro-Chem 550857)	37.38	3.61
21 23 16 00-0183	EA	1/2" Quickseal Adapter, Kitchen Fire Suppression Systems (Pyro-Chem 550859)	38.72	3.82
21 23 16 00-0184	EA	Wet Valve Tool, Kitchen Fire Suppression Systems (Pyro-Chem 550788)	74.57	7.31
21 23 16 00-0185	EA	Recharge Adapter Kit, Kitchen Fire Suppression Systems (Pyro-Chem 551240)	105.51	
21 23 16 00-0186	EA	3.0 Gallon Of Wet Chemical For Recharge, Kitchen Fire Suppression Systems (Pyro-Chem 551188)	226.81	
21 23 16 00-0187		**Pull Stations/Accessories, Kitchen Fire Suppression Systems** *(21 23 16 00-0100)*		
21 23 16 00-0188	EA	Mechanical, Remote Pull Station, Kitchen Fire Suppression Systems (Pyro-Chem 551074)	150.65	14.94
21 23 16 00-0189	EA	Electric, Remote Pull Station, Kitchen Fire Suppression Systems (Pyro-Chem 551166)	160.56	20.97
21 23 16 00-0190	EA	Trim Ring For Flush Mounting Remote Pull Station, Kitchen Fire Suppression Systems (Pyro-Chem 550088)	40.29	3.92
21 23 16 00-0191	EA	Glass Rods For Pull Stations, Kitchen Fire Suppression Systems (Pyro-Chem 428661)	5.31	1.38
21 23 16 00-0192		**Asco Gas Valve Control Panels** *(21 23 16)*		
21 23 16 00-0193	EA	Relay Control Panel For AC Solenoid Valves (Asco 108D90C)	2,515.66	233.10
21 23 16 00-0194	EA	Relay Control Panel For DC Solenoid Valves (Asco 108D10C)	2,600.74	233.10
21 23 16 00-0195	EA	Master Control Station For Relay Control Panel For DC Solenoid Valves (Asco 216C89)	850.22	52.98
21 23 16 00-0196	EA	Emergency Stop Station For Relay Control Panel (Asco 173A19)	794.64	52.98

21 24 Dry-Chemical Fire-Extinguishing Systems *(21 20)*

21 24 16 Dry-Chemical Fire-Extinguishing Equipment *(21 24)*

21 24 16 00-0001		**Amerex KP Restaurant Fire Suppression Systems** *(21 24 16)* Note: Amerex or equal.		
21 24 16 00-0002	EA	3.75 Gallon, Charged, Agent Cylinder Assembly With Discharge Valve	573.37	82.22
21 24 16 00-0003	EA	6 Gallon, Charged, Agent Cylinder Assembly With Discharge Valve	797.88	103.66
21 24 16 00-0004	EA	Recharge - KP Liquid Agent (3.75 Gallon)	189.50	
21 24 16 00-0005	EA	Recharge - KP Liquid Agent (6 Gallon)	333.11	
21 24 16 00-0006	EA	3.75 Gallon, Bracket Assembly Agent Cylinder With Distribution Hose Assembly And Distribution Outlet	132.65	17.26
21 24 16 00-0007	EA	6 Gallon, Bracket Assembly Agent Cylinder	77.27	10.01
21 24 16 00-0008	EA	6 Gallon, 3/4 NPT, Agent Cylinder Discharge Adapter Kit	33.51	
21 24 16 00-0009	EA	6 Gallon, Pneumatic Actuator, Agent Cylinder	132.65	17.26
21 24 16 00-0010	EA	MRM Actuator (Less N2 Cylinder And Enclosure)	333.11	43.26
21 24 16 00-0011	EA	Painted Steel, MRM Enclosure	177.53	23.01
21 24 16 00-0012	EA	Stainless Steel, MRM Enclosure	215.92	23.01
21 24 16 00-0013	EA	Stainless Steel, Single Cylinder System Cabinet	528.61	68.69
21 24 16 00-0014	EA	N2 - 1/4" x 16" Actuation Hose	39.89	5.18
21 24 16 00-0015	EA	10 CU. Inch, Nitrogen Cylinder Note: Use For 1-10 Agent Cylinders	177.53	23.01
21 24 16 00-0016	EA	Vent Check	31.92	4.14
21 24 16 00-0017	EA	Detector Note: Includes bracket, linkage and conduit fittings.	23.93	3.11
21 24 16 00-0018	EA	280 To 450 Degree F, Fusible Link	8.98	1.15
21 24 16 00-0019	EA	Test Link	3.00	
21 24 16 00-0020	EA	Corner Pulley	12.36	1.61
21 24 16 00-0021	EA	1/16", 500 Foot Spool, Cable	199.46	25.89
21 24 16 00-0022	EA	Pulley Tee	89.76	11.62
21 24 16 00-0023	EA	Manual Pull Station (Standard)	79.78	10.35
21 24 16 00-0024	EA	Manual Pull Station, Adapter Kit (Recess Standard Pull Station)	37.43	4.83
21 24 16 00-0025	EA	Manual Pull Station (Oversized)	88.96	11.51
21 24 16 00-0026	EA	Conduit Offset	17.75	2.31
21 24 16 00-0027	EA	3/8" Pipe Thread, Seal (Quick-Seal)	24.46	3.22

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 24 16 00-0028	EA	1/2" Pipe Thread, Seal (Quick-Seal	19.95	2.65
21 24 16 00-0029	EA	3/8" Pipe Compression Seal	33.31	4.37
21 24 16 00-0030	EA	1/2" Pipe Compression Seal	33.31	4.37
21 24 16 00-0031	EA	Cap, Nozzle Blow-Off (Standard)	9.65	2.99
21 24 16 00-0032	EA	Cap, Nozzle Blow-Off (High Temperature)	22.20	2.99
21 24 16 00-0033	EA	2 Flow Points, Fryer/Griddle Nozzle	39.89	5.18
21 24 16 00-0034	EA	1 Flow Point Each, Appliance, Plenum Nozzle	39.89	5.18
21 24 16 00-0035	EA	Nozzle - Solid Fuel Charbroiler - 1 To 1-1/2 Flow Points Each	39.89	5.18
21 24 16 00-0036	EA	1/2 Flow Points Each, Upright Charbroiler Nozzle	39.89	5.18
21 24 16 00-0037	EA	2 Flow Points Each, Duct (Only) Nozzle	39.89	5.18
21 24 16 00-0038	EA	2 Flow Points Each, Four Burner Range Nozzle	57.37	7.48
21 24 16 00-0039	EA	3/4" Or 1" Mechanical Gas Valve	316.43	30.49
21 24 16 00-0040	EA	1-1/4" Or 1-1/2" Mechanical Gas Valve	373.58	44.29
21 24 16 00-0041	EA	2" Mechanical Gas Valve	464.99	52.35
21 24 16 00-0042	EA	Manual Reset Relay (Required With Every Electric Gas Valve)	502.65	65.24
21 24 16 00-0043	EA	SPDT Microswitch With 18" Leads	26.45	3.45
21 24 16 00-0044	EA	Kit Gas Valve Actuator For Use With ASCO Mechanical Gas Valve	42.69	5.52
21 24 16 00-0045	EA	Gas Valve Trip Assembly	89.76	11.62

21 24 16 00-0046 Range Guard Fire Suppression Systems *(21 24 16)*

Note: Range Guard or equal.

21 24 16 00-0047	EA	1-1/4 Gallon Charged Cylinder With Valve	608.91	88.89
21 24 16 00-0048	EA	2-1/2 Gallon Charged Cylinder With Valve	760.08	110.94
21 24 16 00-0049	EA	4 Gallon Charged Cylinder With Valve	938.37	137.00
21 24 16 00-0050	EA	6 Gallon Charged Cylinder With Valve	1,114.57	162.64
21 24 16 00-0051	EA	Vent Plug	25.58	3.71
21 24 16 00-0052	EA	Discharge Adapter Kit	32.95	
21 24 16 00-0053	EA	1-1/4 Gallon Wall Bracket	67.78	9.85
21 24 16 00-0054	EA	2-1/2 Gallon Wall Bracket	71.73	10.49
21 24 16 00-0055	EA	4 Gallon Wall Bracket	135.47	19.82
21 24 16 00-0056	EA	6 Gallon Wall Bracket	150.14	21.93
21 24 16 00-0057	EA	Mechanical Control Head, No Microswitch	529.66	77.35
21 24 16 00-0058	EA	Mechanical Control Head, 1 Microswitch	552.60	80.63
21 24 16 00-0059	EA	Mechanical Control Head, 2 Microswitches	633.93	92.50
21 24 16 00-0060	EA	Tandem Control Head	481.70	70.35
21 24 16 00-0061	EA	Electric Control Head, 120 Volt AC / 24 Volt DC	815.34	118.99
21 24 16 00-0062	EA	Mechanical Control Box	362.84	52.98
21 24 16 00-0063	EA	Tandem Control Box	362.84	52.98
21 24 16 00-0064	EA	Mechanical Control Box Adapter	106.35	15.57
21 24 16 00-0065	EA	A+ Control head With 1 Pressure Operated Actuator	319.60	46.62
21 24 16 00-0066	EA	Pressure Operated Actuator	131.37	19.18
21 24 16 00-0067	EA	BMCS-1 Nitrogen Cylinder	212.70	31.05
21 24 16 00-0068	EA	BMCS-1 Actuator Assembly	216.87	31.68
21 24 16 00-0069	EA	BMCS-1 Mounting Bracket	53.17	7.74
21 24 16 00-0070	EA	BMCS-7 Nitrogen Cylinder	613.72	89.53
21 24 16 00-0071	EA	BMCS-7 Mounting Bracket	131.37	19.18
21 24 16 00-0072	EA	BMCS-7 Discharge Adapter Kit	131.37	19.18
21 24 16 00-0073	EA	Check Valve	111.17	22.78
21 24 16 00-0074	EA	Vent Check For Use With BMCS Systems	59.43	8.68
21 24 16 00-0075	EA	Check Valve, (Schrader Flare Fitting) For Pressure Operated Actuator	25.86	3.78
21 24 16 00-0076	EA	Removal And Replacement Of Receiver Gasket For BMCS-Actuator Assembly	6.80	
21 24 16 00-0077	EA	Pneumatic Control Head For Slave Cylinders	135.54	19.82
21 24 16 00-0078	EA	Nozzles; ADP, F, R And GRW	62.13	9.11
21 24 16 00-0079	EA	Nozzles; DM And LPF	69.23	10.06
21 24 16 00-0080	EA	Swivel Adapter	43.79	6.36
21 24 16 00-0081	EA	Corner Pulley	18.77	2.75
21 24 16 00-0082	LF	1/16" Stainless Steel Cable	0.85	0.32
21 24 16 00-0083	EA	Cable Crimp Sleeve	1.02	0.32
21 24 16 00-0084	EA	"S" Hook	0.79	0.21
21 24 16 00-0085	EA	Electrical Metallic Tubing (EMT) Adapter, 1/2" Electrical Metallic Tubing (EMT) x 3/8" NPT	64.62	9.43
21 24 16 00-0086	EA	Cable Clamp	5.76	0.85
21 24 16 00-0087	EA	Nico Sleeves - 1/16" Cable	0.80	0.21
21 24 16 00-0088	EA	3/8" Cable Anchor	68.29	9.96
21 24 16 00-0089	EA	1/2" Cable Anchor	68.29	9.96
21 24 16 00-0090	EA	Mechanical Remote Manual Release (Pull Cable)	110.46	16.11
21 24 16 00-0091	EA	Tee Pulley, Use For Mechanical Pull And Gas Valve	117.88	17.17
21 24 16 00-0092	EA	Surface Remote Manual Release, End-of-line	138.10	20.13
21 24 16 00-0093	EA	Surface Remote Manual Release, In line Conservation Kit	43.27	6.36
21 24 16 00-0094	EA	Surface Remote Manual Release, In line And End Of Line	181.32	26.38
21 24 16 00-0095	EA	Recessed Remote Manual Release, End-of-line	138.10	20.13
21 24 16 00-0096	EA	Recessed Remote Manual Release, In Line Kit	164.64	24.05
21 24 16 00-0097	EA	Pulley Tee, Remote In Line Only	29.59	4.34
21 24 16 00-0098	EA	Fusible Link Housing Kit With 1 - Bracket, 2 - 1/2" Electrical Metallic Tubing (EMT) Connector, 1 - "S" Hook, 8 - Cable Crimp Sleeve	32.86	4.77
21 24 16 00-0099	EA	Fusible Link 165F To 360F	10.76	1.59
21 24 16 00-0100	EA	Fusible Link 500F	16.89	1.59
21 24 16 00-0101	EA	Standard Detector With 1 - 360F link, 2 - "S" Hooks, 2 - Crimp Sleeves	32.86	4.77
21 24 16 00-0102	EA	Standard Detector Kit With 1 - Large Bracket, 2 - "S" Hooks, 2 - Cable Crimp Sleeve	24.37	4.77
21 24 16 00-0103	EA	Quartzoid Link 400 F	177.15	25.85
21 24 16 00-0104	EA	Quartzoid Link 500 F	177.15	25.85

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 24 16 00-0105	EA	SPDT Micro Switch For Use With A Plus Control Box	63.49	9.22
21 24 16 00-0106	EA	DPDT Micro Switch For Use With A Plus Control Box	110.46	16.11
21 24 16 00-0107	EA	SPDT Micro Switch For Use With A Mechanical Control Box	65.65	9.54
21 24 16 00-0108	EA	DPDT Micro Switch For Use With A Mechanical Control Box	113.78	16.63
21 24 16 00-0109	EA	SPDT Micro Switch For Use With PRCB	83.36	12.18
21 24 16 00-0110	EA	DPDT Micro Switch For Use With PRCB	120.26	17.48
21 24 16 00-0111	EA	Pressure Switch, SPDT (Fire Dept. Tie In)	352.23	51.39
21 24 16 00-0112	EA	Circuit Monitor 12 Or 24 Volt DC	158.39	23.10
21 24 16 00-0113	EA	Circuit Monitor 120 Volt AC	158.39	23.10
21 24 16 00-0114	EA	Electric Manual Pull Station	115.67	16.84
21 24 16 00-0115	EA	6", 24 Volt DC, Motor Bell	64.60	9.43
21 24 16 00-0116	EA	10", 115 Volt AC Motor Bell	91.70	13.35
21 24 16 00-0117	EA	Fuse, 1.2 For ECH	7.43	1.06
21 24 16 00-0118	EA	Indicator Lamp 12 Or 24 Volt DC	32.86	4.77
21 24 16 00-0119	EA	Indicator Lamp 120 Volt AC	32.86	4.77
21 24 16 00-0120	EA	B-10 Manual Station Dual Action, SPDT	120.88	17.59
21 24 16 00-0121	EA	B-11 Manual Station Dual Action, DPDT	133.38	19.49
21 24 16 00-0122	EA	Break Rods For B10/B11 Manual Pull Station	3.64	1.38
21 24 16 00-0123	EA	Spare Key For B10/B11 Manual Stations	16.67	2.44
21 24 16 00-0124	EA	MT-24-LSM-VAR Multitone Signal With 15/75cd Strobe, 24 Volt, Flush Grill	179.23	26.17
21 24 16 00-0125	EA	Suppression Abort Station	189.66	27.65
21 24 16 00-0126	EA	Suppression Abort Station With Surface Mount Back Box	220.91	32.21
21 24 16 00-0127	EA	Surface Mount Back Box	72.95	10.60
21 24 16 00-0128	EA	Single Hazard Control Unit, 120 Volt AC IP	1,354.67	197.39
21 24 16 00-0129	EA	Single Hazard Control Unit, 240 Volt AC IP	1,354.67	197.39
21 24 16 00-0130	EA	1 Lead Acid Battery; 24 Volt DC, 1.2 A.H.	112.54	16.42
21 24 16 00-0131	EA	Accessory Kit - End-of-line Resistors (10K Ohms, 1/2 W)	4.35	0.75
21 24 16 00-0132	EA	Spare Scorpio Circuit Board	979.46	
21 24 16 00-0133	EA	Extra Scorpio Key	16.67	
21 24 16 00-0134	EA	Extra Scorpio Manual	10.41	
21 24 16 00-0135	EA	Compression Seal Adapter 3/8" Pipe	28.34	4.13
21 24 16 00-0136	EA	Compression Seal Adapter 1/2" Tubing/ 1/4" Pipe	30.77	4.45
21 24 16 00-0137	EA	Compression Seal Adapter 5/8" Tubing/ 3/8" Pipe	37.02	5.40
21 24 16 00-0138	EA	Compression Seal Adapter 3/4" Tubing/ 1/2" Pipe	39.60	5.72
21 24 16 00-0139	EA	Quik Seal Adapter 3/8" NPT Female	30.77	4.45
21 24 16 00-0140	EA	Quik Seal Adapter 1/2" NPT Female	30.77	4.45
21 24 16 00-0141	EA	Quik Seal Adapter 3/4" NPT Female	52.64	7.74
21 24 16 00-0142	EA	Quik Seal Adapter 1" NPT Female	69.82	10.17
21 24 16 00-0143	EA	Quik Patch (Up To 1-1/8" Diameter)	30.77	4.45
21 24 16 00-0144	EA	1-1/4 Gallon Karbaloy Charge	68.50	
21 24 16 00-0145	EA	2-1/2 Gallon Karbaloy Charge	117.74	
21 24 16 00-0146	EA	4 Gallon Karbaloy Charge	177.97	
21 24 16 00-0147	EA	6 Gallon Karbaloy Charge	260.42	
21 24 16 00-0148	EA	Inlet Flushing Adapter	51.06	7.41
21 24 16 00-0149	EA	1/2" Flushing Adapter (Outlet)	51.06	7.41
21 24 16 00-0150	EA	1/8" Flushing Adapter (Outlet)	51.06	7.41
21 24 16 00-0151	EA	1/4" Flushing Adapter (Outlet)	51.06	7.41
21 24 16 00-0152	EA	3/8" Flushing Adapter (Outlet)	51.06	7.41
21 24 16 00-0153	EA	Recharge Adapter (Old Style Cylinder Valve Assembly Only)	70.85	
21 24 16 00-0154	EA	Instruction Label (In Case Of Fire) - MCB	5.69	
21 24 16 00-0155	EA	Caution Sign (Turn On Fan)	6.80	
21 24 16 00-0156	EA	Inspection Label (Authorized installers only)	4.81	
21 24 16 00-0157	EA	Label, Warning, A+ Control Box	3.48	
21 24 16 00-0158	EA	Wet Chemical System Kits, RG-1.25G Kit; #23315	896.11	130.64
21 24 16 00-0159	EA	Wet Chemical System Kits, RG-2.5G Kit; #23316	1,046.17	152.46
21 24 16 00-0160	EA	Wet Chemical System Kits, RG-4GS Kit; #23317	1,302.53	189.87
21 24 16 00-0161	EA	Wet Chemical System Kits, RG-4GT Kit; #23318	1,302.53	189.87
21 24 16 00-0162	EA	Wet Chemical System Kits, RG-6G Kit; #23319	1,638.05	238.71
21 24 16 00-0163	EA	Wet Chemical System Kits, RG Mechanical Control HD (MCH) Kit; #23320	776.29	113.15
21 24 16 00-0164	EA	Wet Chemical System Kits, RG Mechanical Control Box (MCB) Kit; #23321	729.40	106.27
21 24 16 00-0165	EA	Wet Chemical System Kits, A Plus Control Box Kit; #23322	589.77	85.92
21 24 16 00-0166	EA	Wet Chemical System Kits, Valve Rebuild Kit; #23210	1,021.15	148.87
21 24 16 00-0167	EA	Wet Chemical System Kits, BMCS-1 Package; #23208	935.70	136.36

21 30 Fire Pumps *(21)*

21 31 Centrifugal Fire Pumps *(21 30)*

21 31 13 Electric-Drive, Centrifugal Fire Pumps *(21 31)*

21 31 13 00-0001 Electric-Drive Fire Pumps *(21 31 13)*

Note: Includes fire pump and motor, motor starter, panel, and controller.

21 31 13 00-0002	EA	20 HP, 500 GPM, Electric-Drive Fire Pump	43,867.31	2,111.05
		For Duplex Pumping System, Add	*41,756.26*	
21 31 13 00-0003	EA	30 HP, 500 GPM, Electric-Drive Fire Pump	51,061.76	2,374.93
		For Duplex Pumping System, Add	*48,862.75*	
21 31 13 00-0004	EA	40 HP, 750 GPM, Electric-Drive Fire Pump	69,381.29	2,638.81
		For Duplex Pumping System, Add	*66,937.95*	
21 31 13 00-0005	EA	50 HP, 1000 GPM, Electric-Drive Fire Pump	85,822.05	3,076.13
		For Duplex Pumping System, Add	*82,745.93*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 31 13 00-0006	EA	75 HP, 1000 GPM, Electric-Drive Fire Pump	95,771.02	3,355.78
		For Duplex Pumping System, Add	*92,415.24*	

21 31 16 Diesel-Drive, Centrifugal Fire Pumps *(21 31)*

21 31 16 00-0001 Diesel-Drive Fire Pumps *(21 31 16)*

Note: Pumps shall be stand alone units meeting NFPA-20 specs. Includes fire pump and motor, motor starter, panel, and controller.

21 31 16 00-0002	EA	30 HP Diesel Driven Fire Pump, NFPA-20 Specific	78,906.33	2,516.84
21 31 16 00-0003	EA	40 HP Diesel Driven Fire Pump, NFPA-20 Specific	89,259.19	2,796.48
21 31 16 00-0004	EA	50 HP Diesel Driven Fire Pump, NFPA-20 Specific	93,789.37	3,076.13
21 31 16 00-0005	EA	75 HP Diesel Driven Fire Pump, NFPA-20 Specific	106,726.81	3,355.78
21 31 16 00-0006	EA	150 HP Diesel Driven Fire Pump, NFPA-20 Specific	113,291.86	3,915.08
21 31 16 00-0007	EA	175 HP Diesel Driven Fire Pump, NFPA-20 Specific	121,965.59	5,033.68
21 31 16 00-0008	EA	200 HP Diesel Driven Fire Pump, NFPA-20 Specific	132,392.54	5,592.97
21 31 16 00-0009	EA	250 HP Diesel Driven Fire Pump, NFPA-20 Specific	151,387.08	6,375.99
21 31 16 00-0010	EA	300 HP Diesel Driven Fire Pump, NFPA-20 Specific	181,309.14	6,879.35
21 31 16 00-0011	EA	350 HP Diesel Driven Fire Pump , NFPA-20 Specific	212,719.83	7,830.16
21 31 16 00-0012	EA	400 HP Diesel Driven Fire Pump , NFPA-20 Specific	252,458.40	8,389.45
21 31 16 00-0013	EA	500 HP Diesel Driven Fire Pump , NFPA-20 Specific	284,274.75	8,948.75

21 34 Fire Pump Accessories *(21 30)*

21 34 13 Pressure Maintenance Pumps *(21 34)*

21 34 13 00-0001 Jockey Pumps *(21 34 13)*

Note: Excludes controller

21 34 13 00-0002	EA	1-1/2 HP, 1-1/2" Pipe Connection, Jockey Pump	2,668.08	297.23
21 34 13 00-0003	EA	2 HP, 1-1/2" Pipe Connection, Jockey Pump	2,787.08	325.03
21 34 13 00-0004	EA	3 HP, 1-1/2" Pipe Connection, Jockey Pump	3,422.61	359.24
21 34 13 00-0005	EA	5 HP, 1-1/2" Pipe Connection, Jockey Pump	3,764.19	427.67
21 34 13 00-0006	EA	7.5 HP, 1-1/2" Pipe Connection, Jockey Pump	5,522.60	526.04

21 34 13 00-0007 Jockey Pump Controllers *(21 34 13)*

21 34 13 00-0008	EA	Up To 2 HP Jockey Pump Controller	708.84	85.53
21 34 13 00-0009	EA	>2 To 7.5 HP Jockey Pump Controller	1,082.84	85.53

END OF SECTION 21

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

22 Plumbing

Note: Where required, mechanical equipment excludes electrical connection unless title states otherwise.

22 01 Operation and Maintenance of Plumbing *(22)*

22 01 10 Operation and Maintenance of Plumbing Piping and Pumps *(22 01)*

See CSI section 23 01 20 00-0000 for purging of pipes and shutdown.

22 01 10 61 Plumbing Piping Repairs *(22 01 10)*

22 01 10 61-0001 Pipe Repair Clamps *(22 01 10 61)*

22 01 10 61-0002	EA	1/2" Diameter x 3" Stainless Steel Pipe Repair Clamp, Single Bolt Note: Includes neoprene gasket	44.83
22 01 10 61-0003	EA	3/4" Diameter x 3" Stainless Steel Pipe Repair Clamp, Single Bolt Note: Includes neoprene gasket	46.59
22 01 10 61-0004	EA	1" Diameter x 3" Stainless Steel Pipe Repair Clamp, Single Bolt Note: Includes neoprene gasket	51.21
22 01 10 61-0005	EA	1-1/4" Diameter x 3" Stainless Steel Pipe Repair Clamp, Single Bolt Note: Includes neoprene gasket	54.58
22 01 10 61-0006	EA	1-1/2" Diameter x 3" Stainless Steel Pipe Repair Clamp, Single Bolt Note: Includes neoprene gasket	59.04
22 01 10 61-0007	EA	2" Diameter x 3" Stainless Steel Pipe Repair Clamp, Single Bolt Note: Includes neoprene gasket	75.21
22 01 10 61-0008	EA	2-1/2" Diameter x 3" Stainless Steel Pipe Repair Clamp, Single Bolt Note: Includes neoprene gasket	95.25
22 01 10 61-0009	EA	3" Diameter x 3" Stainless Steel Pipe Repair Clamp, Single Bolt Note: Includes neoprene gasket	110.33
22 01 10 61-0010	EA	4" Diameter x 3" Stainless Steel Pipe Repair Clamp, Single Bolt Note: Includes neoprene gasket	126.37
22 01 10 61-0011	EA	1/2" Diameter x 6" Stainless Steel Pipe Repair Clamp, Double Bolt Note: Includes neoprene gasket	71.10
22 01 10 61-0012	EA	3/4" Diameter x 6" Stainless Steel Pipe Repair Clamp, Double Bolt Note: Includes neoprene gasket	74.85
22 01 10 61-0013	EA	1" Diameter x 6" Stainless Steel Pipe Repair Clamp, Double Bolt Note: Includes neoprene gasket	82.85
22 01 10 61-0014	EA	1-1/4" Diameter x 6" Stainless Steel Pipe Repair Clamp, Double Bolt Note: Includes neoprene gasket	91.05
22 01 10 61-0015	EA	1-1/2" Diameter x 6" Stainless Steel Pipe Repair Clamp, Double Bolt Note: Includes neoprene gasket	100.31
22 01 10 61-0016	EA	2" Diameter x 6" Stainless Steel Pipe Repair Clamp, Double Bolt Note: Includes neoprene gasket	129.50
22 01 10 61-0017	EA	2-1/2" Diameter x 6" Stainless Steel Pipe Repair Clamp, Double Bolt Note: Includes neoprene gasket	156.42
22 01 10 61-0018	EA	3" Diameter x 6" Stainless Steel Pipe Repair Clamp, Double Bolt Note: Includes neoprene gasket	177.65
22 01 10 61-0019	EA	4" Diameter x 6" Stainless Steel Pipe Repair Clamp, Double Bolt Note: Includes neoprene gasket	201.29
22 01 10 61-0020	EA	1/2" Diameter x 9" Stainless Steel Pipe Repair Clamp, Three Bolt Note: Includes Buna rubber gasket	101.32
22 01 10 61-0021	EA	3/4" Diameter x 9" Stainless Steel Pipe Repair Clamp, Three Bolt Note: Includes Buna rubber gasket	105.28
22 01 10 61-0022	EA	1" Diameter x 9" Stainless Steel Pipe Repair Clamp, Three Bolt Note: Includes Buna rubber gasket	116.32
22 01 10 61-0023	EA	1-1/4" Diameter x 9" Stainless Steel Pipe Repair Clamp, Three Bolt Note: Includes Buna rubber gasket	127.57
22 01 10 61-0024	EA	1-1/2" Diameter x 9" Stainless Steel Pipe Repair Clamp, Three Bolt Note: Includes Buna rubber gasket	144.03
22 01 10 61-0025	EA	2" Diameter x 9" Stainless Steel Pipe Repair Clamp, Three Bolt Note: Includes Buna rubber gasket	175.83
22 01 10 61-0026	EA	2-1/2" Diameter x 9" Stainless Steel Pipe Repair Clamp, Three Bolt Note: Includes Buna rubber gasket	205.47
22 01 10 61-0027	EA	3" Diameter x 9" Stainless Steel Pipe Repair Clamp, Three Bolt Note: Includes Buna rubber gasket	247.32
22 01 10 61-0028	EA	4" Diameter x 9" Stainless Steel Pipe Repair Clamp, Three Bolt Note: Includes Buna rubber gasket	305.10
22 01 10 61-0029	EA	5" Diameter x 9" Stainless Steel Pipe Repair Clamp, Three Bolt Note: Includes Buna rubber gasket	312.69
22 01 10 61-0030	EA	6" Diameter x 9" Stainless Steel Pipe Repair Clamp, Three Bolt Note: Includes Buna rubber gasket	335.24

22 01 40 Operation and Maintenance of Plumbing Fixtures *(22 01)*

22 01 40 81 Plumbing Fixtures Replacement *(22 01 40)*

22 01 40 81-0001 Removal And Replacement Of Fixture And/or Trim *(22 01 40 81)*

Note: Includes removal of existing item(s) and installation of new item(s). See CSI section 22 42 00 00-0000 for faucet replacement installation and demolition prices.

22 01 40 81-0002	EA	Removal And Replacement Of 3/8" To 1/2" Compression Shut-off Valve With 15" Polybutylene Supply Tube	59.68
22 01 40 81-0003	EA	Removal And Replacement Of 3/8" Compression x 1/2" FIP, Braided Stainless Steel, Supply Lines To Sink/Lavatory	22.84

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 01 40 81-0004	EA	Removal And Replacement Of Chrome Supply Lines To Sink/Lavatory, Pair	29.01	
22 01 40 81-0005	EA	Removal And Replacement Of Single Bowl Sink/Lavatory Drain Line	40.52	
22 01 40 81-0006	EA	Removal And Replacement Of Double Bowl Sink/Lavatory Drain Line	62.97	
22 01 40 81-0007	EA	Removal And Replacement Of Shower Head, Polished Chrome	40.93	
22 01 40 81-0008	EA	Removal And Replacement Of Shower Arm	42.88	
22 01 40 81-0009	EA	Removal And Replacement Of Shower Head	51.61	
22 01 40 81-0010	EA	Removal And Replacement Of Shower Knob	39.66	
22 01 40 81-0011	EA	Removal And Replacement Of Shower and Tub Control Trim Note: Excludes balancing valve.	116.73	
22 01 40 81-0012	EA	Removal And Replacement Of Sink Basket Strainer	32.65	
22 01 40 81-0013	EA	Removal And Replacement Of 1-1/2" Sink Drain Without Stopper	17.25	
22 01 40 81-0014	EA	Removal And Replacement Of 4-1/2" Sink Drain Without Stopper	18.15	
22 01 40 81-0015	EA	Removal And Replacement Of 1-1/2" Sink Drain With Stopper	17.25	
22 01 40 81-0016	EA	Removal And Replacement Of 1" Sink Rubber Stopper	9.19	
22 01 40 81-0017	EA	Removal And Replacement Of Sink Tailpiece Extension, 1-1/2" x 8"	26.77	
22 01 40 81-0018	EA	Removal And Replacement Of Sink Trap, Adjustable, 1-1/2"	45.32	
22 01 40 81-0019	EA	Removal And Replacement Of Lavatory Pop-Up Rod	33.39	
22 01 40 81-0020	EA	Removal And Replacement Of Lavatory Pop-up Drain Stopper	32.46	
22 01 40 81-0021	EA	Removal And Replacement Of Faucet Handle	36.85	
22 01 40 81-0022	EA	Removal And Replacement Of Faucet O-Ring	27.16	
22 01 40 81-0023	EA	Removal And Replacement Of 1-1/2" Faucet Hole Cover	20.60	
22 01 40 81-0024	EA	Removal And Replacement Of Toilet Ballcock	38.22	
22 01 40 81-0025	EA	Removal And Replacement Of Toilet Bowl Ring, Flat Wax Note: Excludes removal of toilet.	7.30	
22 01 40 81-0026	EA	Removal And Replacement Of Toilet Tank	151.94	
22 01 40 81-0027	EA	Removal And Replacement Of 10" Toilet Bowl	190.57	
22 01 40 81-0028	EA	Removal And Replacement Of 10", Low-Flush Watersaver, Toilet Bowl	204.98	
22 01 40 81-0029	EA	Removal And Replacement Of 12" Toilet Bowl	218.89	
22 01 40 81-0030	EA	Removal And Replacement Of 18", Elongated, Toilet Bowl	195.42	
22 01 40 81-0031	EA	Removal And Replacement Of Toilet Closet Bolt, 5/16" x 3" With Nuts And Washers	23.60	
22 01 40 81-0032	EA	Removal And Replacement Of Toilet Flapper With Chain	17.56	
22 01 40 81-0033	EA	Removal And Replacement Of Toilet Flush Tank Lever	18.89	
22 01 40 81-0034	EA	Removal And Replacement Of Elongated Toilet Seat With Lid	100.24	
22 01 40 81-0035	EA	Removal And Replacement Of Elongated Toilet Seat Without Lid	109.89	
22 01 40 81-0036	EA	Removal And Replacement Of Handicap Toilet Seat, Complete With Rails	147.26	
22 01 40 81-0037	EA	Removal And Replacement Of Diverter Tub Spout	63.99	
22 01 40 81-0038	EA	Removal And Replacement Of Tub Spout	44.33	
22 01 40 81-0039	EA	Removal And Replacement Of 2" Tub Stopper	10.73	
22 01 40 81-0040	EA	Removal And Replacement Of Tub Waste/Overflow	74.04	
22 01 40 81-0041	EA	Removal And Replacement Of Tub Stem Bonnet Assembly	37.96	
22 01 40 81-0042	EA	Removal And Replacement Of Faucet Bonnet	41.89	
22 01 40 81-0043	EA	Removal And Replacement Of Faucet Diverter Stem	26.27	
22 01 40 81-0044	EA	Removal And Replacement Of Faucet Diverter Stem And Bonnet	34.88	
22 01 40 81-0045	EA	Removal And Replacement Of Faucet Spout	39.63	
22 01 40 81-0046	EA	Removal And Replacement Of Faucet Stem	29.12	
22 01 40 81-0047	EA	Removal And Replacement Of Plastic, Chrome Plated Drinking Fountain Bubbler Valve With Flexible Bubbler Guard	228.88	
22 01 40 81-0048	EA	Removal And Replacement Of Brass, Chrome Plated Drinking Fountain Bubbler Valve	289.12	
22 01 40 81-0049	EA	Removal And Replacement Of Stainless Steel (Lead Free) Drinking Fountain Pushbutton Bubbler Valve	173.50	

22 05 Common Work Results for Plumbing *(22)*

22 05 13 Common Motor Requirements for Plumbing Equipment *(22 05)*

Note: New equipment includes motor, unless otherwise stated. For use when replacing existing motor. See CSI section 23 05 13 00-0000 for motor requirements.

22 05 16 Expansion Fittings and Loops for Plumbing Piping *(22 05)*

See CSI section 23 05 16 00-0000 for expansion fittings and loops.

22 05 17 Sleeves and Sleeve Seals for Plumbing Piping *(22 05)*

See CSI section 23 05 17 00-0000 for sleeves and sleeve seals.

22 05 19 Meters and Gages for Plumbing Piping *(22 05)*

See CSI section 23 05 19 00-0000 for gages, 33 19 00 00-0000 for water utility service metering.

22 05 23 General-Duty Valves for Plumbing Piping *(22 05)*

See CSI section 23 05 23 00-0000 for additional valves.

22 05 23 00-0001 Gate Valves *(22 05 23)*

22 05 23 00-0002 Class 125 Brazed Or Soldered Bronze Gate Valves *(22 05 23 00-0001)*

Note: 125 psi steam, basic rating. 200 psi cold working pressure. (Milwaukee Valve 105)

22 05 23 00-0003	EA	1/4" Diameter, 125 LB Brazed Or Soldered Bronze Gate Valve	93.65	11.51
		For 150 LB Rating, Add	*6.02*	
		For 200 LB Rating, Add	*9.02*	
		For Work In Restricted Working Space, Add	*10.05*	
22 05 23 00-0004	EA	3/8" Diameter, 125 LB Brazed Or Soldered Bronze Gate Valve	95.41	11.51
		For 150 LB Rating, Add	*6.02*	
		For 200 LB Rating, Add	*9.02*	
		For Work In Restricted Working Space, Add	*10.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 05 23 00-0005	EA	1/2" Diameter, 125 LB Brazed Or Soldered Bronze Gate Valve	97.62	11.51
		For 150 LB Rating, Add	*6.05*	
		For 200 LB Rating, Add	*9.08*	
		For Work In Restricted Working Space, Add	*11.14*	
22 05 23 00-0006	EA	3/4" Diameter, 125 LB Brazed Or Soldered Bronze Gate Valve	115.04	12.66
		For 150 LB Rating, Add	*6.50*	
		For 200 LB Rating, Add	*9.75*	
		For Work In Restricted Working Space, Add	*15.01*	
22 05 23 00-0007	EA	1" Diameter, 125 LB Brazed Or Soldered Bronze Gate Valve	140.21	14.38
		For 150 LB Rating, Add	*7.97*	
		For 200 LB Rating, Add	*11.95*	
		For Work In Restricted Working Space, Add	*18.17*	
22 05 23 00-0008	EA	1-1/4" Diameter, 125 LB Brazed Or Soldered Bronze Gate Valve	206.76	15.31
		For 150 LB Rating, Add	*13.01*	
		For 200 LB Rating, Add	*19.51*	
		For Work In Restricted Working Space, Add	*23.01*	
22 05 23 00-0009	EA	1-1/2" Diameter, 125 LB Brazed Or Soldered Bronze Gate Valve	229.85	17.72
		For 150 LB Rating, Add	*14.13*	
		For 200 LB Rating, Add	*21.20*	
		For Work In Restricted Working Space, Add	*26.55*	
22 05 23 00-0010	EA	2" Diameter, 125 LB Brazed Or Soldered Bronze Gate Valve	275.84	20.94
		For 150 LB Rating, Add	*17.12*	
		For 200 LB Rating, Add	*25.69*	
		For Work In Restricted Working Space, Add	*31.38*	
22 05 23 00-0011	EA	2-1/2" Diameter, 125 LB Brazed Or Soldered Bronze Gate Valve	637.98	28.29
		For 150 LB Rating, Add	*49.67*	
		For 200 LB Rating, Add	*74.51*	
		For Work In Restricted Working Space, Add	*42.38*	
		For Chain Operated Type, Add	*223.52*	
22 05 23 00-0012	EA	3" Diameter, 125 LB Brazed Or Soldered Bronze Gate Valve	749.12	32.84
		For 150 LB Rating, Add	*58.61*	
		For 200 LB Rating, Add	*87.92*	
		For Work In Restricted Working Space, Add	*48.90*	

22 05 23 00-0013 Class 125 Brazed Or Soldered Bronze Lead Free Gate Valves *(22 05 23 00-0001)*

Note: 125 psi steam, basic rating. 200 psi cold working pressure. (Milwaukee Valve UP105, Nibco T113-LF)

22 05 23 00-0014	EA	1/4" Diameter, 125 LB Brazed Or Soldered Bronze Lead Free Gate Valve	113.69	11.51
		For 150 LB Rating, Add	*8.02*	
		For 200 LB Rating, Add	*12.03*	
		For Work In Restricted Working Space, Add	*10.05*	
22 05 23 00-0015	EA	3/8" Diameter, 125 LB Brazed Or Soldered Bronze Lead Free Gate Valve	115.28	11.51
		For 150 LB Rating, Add	*8.00*	
		For 200 LB Rating, Add	*12.00*	
		For Work In Restricted Working Space, Add	*10.58*	
22 05 23 00-0016	EA	1/2" Diameter, 125 LB Brazed Or Soldered Bronze Lead Free Gate Valve	134.66	11.51
		For 150 LB Rating, Add	*9.75*	
		For 200 LB Rating, Add	*14.63*	
		For Work In Restricted Working Space, Add	*11.14*	
22 05 23 00-0017	EA	3/4" Diameter, 125 LB Brazed Or Soldered Bronze Lead Free Gate Valve	152.08	12.66
		For 150 LB Rating, Add	*10.21*	
		For 200 LB Rating, Add	*15.31*	
		For Work In Restricted Working Space, Add	*15.01*	
22 05 23 00-0018	EA	1" Diameter, 125 LB Brazed Or Soldered Bronze Lead Free Gate Valve	182.47	14.38
		For 150 LB Rating, Add	*12.19*	
		For 200 LB Rating, Add	*18.29*	
		For Work In Restricted Working Space, Add	*18.17*	
22 05 23 00-0019	EA	1-1/4" Diameter, 125 LB Brazed Or Soldered Bronze Lead Free Gate Valve	264.56	15.31
		For 150 LB Rating, Add	*18.79*	
		For 200 LB Rating, Add	*28.18*	
		For Work In Restricted Working Space, Add	*23.01*	
22 05 23 00-0020	EA	1-1/2" Diameter, 125 LB Brazed Or Soldered Bronze Lead Free Gate Valve	302.55	17.72
		For 150 LB Rating, Add	*21.40*	
		For 200 LB Rating, Add	*32.11*	
		For Work In Restricted Working Space, Add	*26.55*	
22 05 23 00-0021	EA	2" Diameter, 125 LB Brazed Or Soldered Bronze Lead Free Gate Valve	388.17	20.94
		For 150 LB Rating, Add	*28.36*	
		For 200 LB Rating, Add	*42.54*	
		For Work In Restricted Working Space, Add	*31.38*	

22 05 29 Hangers and Supports for Plumbing Piping and Equipment *(22 05)*

See CSI section 23 05 29 00-0000 for hangers and supports.

22 05 33 Heat Tracing for Plumbing Piping *(22 05)*

See CSI section 23 83 13 00-0000 for heat tracing cables.

22 05 48 Vibration and Seismic Controls for Plumbing Piping and Equipment *(22 05)*

22 05 48 13 Vibration Controls for Plumbing Piping and Equipment *(22 05 48)*

See CSI section 23 05 48 13-0000 for vibration and seismic control.

22 05 53 Identification for Plumbing Piping and Equipment *(22 05)*

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

See CSI section 23 05 53 00-0000 for identification.

22 05 76 Facility Drainage Piping Cleanouts *(22 05)*

22 05 76 00-0001 Cast Iron Cleanout With Plug And Cover *(22 05 76)*

Note: For floor installation.

22 05 76 00-0002 Cast Iron Cleanout With Plug And Round Or Square Cover *(22 05 76 00-0001)*

22 05 76 00-0003	EA	2" Floor Cleanout, Round Or Square Top, Cast Iron With Cast Bronze Screw Plug And Nickel Bronze Cover	701.56	61.21
		For Vandal Proof, Add	*19.50*	
		For Galvanized Ferrule, Add	*45.00*	
		For Carpet Marker, Add	*16.00*	
		For Carpet Flange, Add	*58.50*	
		For Wide Flange, Add	*97.00*	
		For Satin Bronze Top, Deduct	*-24.00*	
22 05 76 00-0004	EA	3" Floor Cleanout, Round Or Square Top, Cast Iron With Cast Bronze Screw Plug And Nickel Bronze Cover	756.63	76.75
		For Vandal Proof, Add	*19.50*	
		For Galvanized Ferrule, Add	*45.00*	
		For Carpet Marker, Add	*16.00*	
		For Carpet Flange, Add	*58.50*	
		For Wide Flange, Add	*97.00*	
		For Satin Bronze Top, Deduct	*-24.00*	
22 05 76 00-0005	EA	4" Floor Cleanout, Round Or Square Top, Cast Iron With Cast Bronze Screw Plug And Nickel Bronze Cover	945.19	92.74
		For Vandal Proof, Add	*19.50*	
		For Galvanized Ferrule, Add	*45.00*	
		For Carpet Marker, Add	*16.00*	
		For Carpet Flange, Add	*58.50*	
		For Wide Flange, Add	*97.00*	
		For Satin Bronze Top, Deduct	*-24.00*	
22 05 76 00-0006	EA	5" Floor Cleanout, Round Or Square Top, Cast Iron With Cast Bronze Screw Plug And Nickel Bronze Cover	1,360.65	103.78
		For Vandal Proof, Add	*19.50*	
		For Galvanized Ferrule, Add	*45.00*	
		For Carpet Marker, Add	*16.00*	
		For Carpet Flange, Add	*58.50*	
		For Wide Flange, Add	*97.00*	
		For Satin Bronze Top, Deduct	*-24.00*	
22 05 76 00-0007	EA	6" Floor Cleanout, Round Or Square Top, Cast Iron With Cast Bronze Screw Plug And Nickel Bronze Cover	1,676.96	112.41
		For Vandal Proof, Add	*19.50*	
		For Galvanized Ferrule, Add	*45.00*	
		For Carpet Marker, Add	*16.00*	
		For Carpet Flange, Add	*58.50*	
		For Wide Flange, Add	*97.00*	
		For Satin Bronze Top, Deduct	*-24.00*	

22 05 76 00-0008 Cast Iron Heavy Duty Cleanout With Plug And Round Cover *(22 05 76 00-0001)*

22 05 76 00-0009	EA	2" Heavy Duty Floor Cleanout, Round Top, Cast Iron With Cast Bronze Screw Plug And Nickel Bronze Cover	809.83	61.21
		For Vandal Proof, Add	*19.50*	
		For Galvanized Ferrule, Add	*45.00*	
		For Carpet Marker, Add	*16.00*	
		For Carpet Flange, Add	*58.50*	
		For Wide Flange, Add	*97.00*	
		For Satin Bronze Top, Deduct	*-24.00*	
22 05 76 00-0010	EA	3" Heavy Duty Floor Cleanout, Round Top, Cast Iron With Cast Bronze Screw Plug And Nickel Bronze Cover	866.62	76.75
		For Vandal Proof, Add	*19.50*	
		For Galvanized Ferrule, Add	*45.00*	
		For Carpet Marker, Add	*16.00*	
		For Carpet Flange, Add	*58.50*	
		For Wide Flange, Add	*97.00*	
		For Satin Bronze Top, Deduct	*-24.00*	
22 05 76 00-0011	EA	4" Heavy Duty Floor Cleanout, Round Top, Cast Iron With Cast Bronze Screw Plug And Nickel Bronze Cover	1,055.18	92.74
		For Vandal Proof, Add	*19.50*	
		For Galvanized Ferrule, Add	*45.00*	
		For Carpet Marker, Add	*16.00*	
		For Carpet Flange, Add	*58.50*	
		For Wide Flange, Add	*97.00*	
		For Satin Bronze Top, Deduct	*-24.00*	
22 05 76 00-0012	EA	5" Heavy Duty Floor Cleanout, Round Top, Cast Iron With Cast Bronze Screw Plug And Nickel Bronze Cover	1,470.64	103.78
		For Vandal Proof, Add	*19.50*	
		For Galvanized Ferrule, Add	*45.00*	
		For Carpet Marker, Add	*16.00*	
		For Carpet Flange, Add	*58.50*	
		For Wide Flange, Add	*97.00*	
		For Satin Bronze Top, Deduct	*-24.00*	
22 05 76 00-0013	EA	6" Heavy Duty Floor Cleanout, Round Top, Cast Iron With Cast Bronze Screw Plug And Nickel Bronze Cover	1,786.95	112.41
		For Vandal Proof, Add	*19.50*	
		For Galvanized Ferrule, Add	*45.00*	
		For Carpet Marker, Add	*16.00*	
		For Carpet Flange, Add	*58.50*	
		For Wide Flange, Add	*97.00*	
		For Satin Bronze Top, Deduct	*-24.00*	

22 05 76 00-0014 Wall Cover For Cleanout *(22 05 76)*

Note: Cover and screw only.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 05 76 00-0015		**Round Access Cover, Bronze Polished Top** *(22 05 76 00-0014)*		
		Note: Cover and screw only.		
22 05 76 00-0016	EA	4-1/4" Diameter Wall Cover For Cleanout, Screwed	103.66	19.21
		For Stainless Steel, Add	*9.00*	
		For Vandal Proof Screws, Add	*19.50*	
22 05 76 00-0017	EA	5-1/2" Diameter Wall Cover For Cleanout, Screwed	111.34	23.01
		For Stainless Steel, Add	*9.00*	
		For Vandal Proof Screws, Add	*19.50*	
22 05 76 00-0018	EA	7" Diameter Wall Cover For Cleanout, Screwed	142.86	25.89
		For Stainless Steel, Add	*9.00*	
		For Vandal Proof Screws, Add	*19.50*	
22 05 76 00-0019	EA	9-1/4" Diameter Wall Cover For Cleanout, Screwed	244.86	28.77
		For Stainless Steel, Add	*9.00*	
		For Vandal Proof Screws, Add	*19.50*	
22 05 76 00-0020	EA	11-1/4" Diameter Wall Cover For Cleanout, Screwed	370.92	31.64
		For Stainless Steel, Add	*9.00*	
		For Vandal Proof Screws, Add	*19.50*	
22 05 76 00-0021		**Square Wall Access Panel, Bronze Polished Top** *(22 05 76 00-0014)*		
		Note: Cover and screw only.		
22 05 76 00-0022	EA	7" x 7" Bronze Wall Or Floor Access Cover	562.26	19.21
		For Vandal Proof Screws, Add	*19.50*	
		For Nickel Bronze, Add	*22.50*	
22 05 76 00-0023	EA	9" x 9" Bronze Wall Or Floor Access Cover	811.58	20.14
		For Vandal Proof Screws, Add	*19.50*	
		For Nickel Bronze, Add	*22.50*	
22 05 76 00-0024	EA	10" x 10" Bronze Wall Or Floor Access Cover	867.24	21.29
		For Vandal Proof Screws, Add	*19.50*	
		For Nickel Bronze, Add	*22.50*	
22 05 76 00-0025	EA	14" x 14" Bronze Wall Or Floor Access Cover	970.01	24.17
		For Vandal Proof Screws, Add	*19.50*	
		For Nickel Bronze, Add	*22.50*	
22 05 76 00-0026		**Secured Square Wall Access Panel, Bronze Polished Top** *(22 05 76 00-0014)*		
		Note: Cover and screw only.		
22 05 76 00-0027	EA	6" x 6" Bronze Secured Wall Access Panel	572.28	19.21
		For Vandal Proof Screws, Add	*19.50*	
		For Nickel Bronze, Add	*22.50*	
22 05 76 00-0028	EA	8" x 8" Bronze Secured Wall Access Panel	826.33	20.14
		For Vandal Proof Screws, Add	*19.50*	
		For Nickel Bronze, Add	*22.50*	
22 05 76 00-0029	EA	10" x 10" Bronze Secured Wall Access Panel	883.02	21.29
		For Vandal Proof Screws, Add	*19.50*	
		For Nickel Bronze, Add	*22.50*	
22 05 76 00-0030	EA	12" x 12" Bronze Secured Wall Access Panel	987.64	24.17
		For Vandal Proof Screws, Add	*19.50*	
		For Nickel Bronze, Add	*22.50*	
22 05 76 00-0031		**Secure Square Hinged Access Panel, Bronze Polished Top, Scoriated** *(22 05 76 00-0014)*		
		Note: Cover and screw only.		
22 05 76 00-0032	EA	6" x 6" Bronze Secured Hinged Access Panel, Scoriated	554.98	19.21
		For Vandal Proof Screws, Add	*19.50*	
		For Nickel Bronze, Add	*22.50*	
22 05 76 00-0033	EA	8" x 8" Bronze Secured Hinged Access Panel, Scoriated	769.48	20.14
		For Vandal Proof Screws, Add	*19.50*	
		For Nickel Bronze, Add	*22.50*	
22 05 76 00-0034	EA	10" x 10" Bronze Secured Hinged Access Panel, Scoriated	1,093.13	21.29
		For Vandal Proof Screws, Add	*19.50*	
		For Nickel Bronze, Add	*22.50*	
22 05 76 00-0035	EA	12" x 12" Bronze Secured Hinged Access Panel, Scoriated	1,323.82	24.17
		For Vandal Proof Screws, Add	*19.50*	
		For Nickel Bronze, Add	*22.50*	
22 05 76 00-0036		**Cast Iron Cleanout Tee** *(22 05 76)*		
22 05 76 00-0037		**Cast Iron Cleanout Tee And Round Access Cover** *(22 05 76 00-0036)*		
		Note: Satin smooth secured cover.		
22 05 76 00-0038	EA	2" Cleanout Tee With Bronze Screw Plug And Round Polished Bronze Cover	506.92	61.21
		For Vandal Proof Screws, Add	*18.00*	
		For Galvanized Cast Iron Parts, Add	*45.00*	
22 05 76 00-0039	EA	3" Cleanout Tee With Bronze Screw Plug And Round Polished Bronze Cover	577.94	76.63
		For Vandal Proof Screws, Add	*18.00*	
		For Galvanized Cast Iron Parts, Add	*45.00*	
22 05 76 00-0040	EA	4" Cleanout Tee With Bronze Screw Plug And Round Polished Bronze Cover	755.98	92.74
		For Vandal Proof Screws, Add	*18.00*	
		For Galvanized Cast Iron Parts, Add	*45.00*	
22 05 76 00-0041	EA	6" Cleanout Tee With Bronze Screw Plug And Round Polished Bronze Cover	1,826.60	112.41
		For Vandal Proof Screws, Add	*18.00*	
		For Galvanized Cast Iron Parts, Add	*45.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 05 76 00-0042		**Cast Iron Cleanout Tee And Square Access Cover** *(22 05 76 00-0036)*		
		Note: Satin smooth secured cover.		
22 05 76 00-0043	EA	2" Cleanout Tee With Cast Bronze Screw Plug And Square Nickel Bronze Cover	891.44	61.21
		For Vandal Proof Screws, Add	*18.00*	
		For Galvanized Cast Iron Parts, Add	*45.00*	
22 05 76 00-0044	EA	3" Cleanout Tee With Cast Bronze Screw Plug And Square Nickel Bronze Cover	962.47	76.63
		For Vandal Proof Screws, Add	*18.00*	
		For Galvanized Cast Iron Parts, Add	*45.00*	
22 05 76 00-0045	EA	4" Cleanout Tee With Cast Bronze Screw Plug And Square Nickel Bronze Cover	1,114.99	92.74
		For Vandal Proof Screws, Add	*18.00*	
		For Galvanized Cast Iron Parts, Add	*45.00*	
22 05 76 00-0046	EA	6" Cleanout Tee With Cast Bronze Screw Plug And Square Nickel Bronze Cover	2,345.98	112.41
		For Vandal Proof Screws, Add	*18.00*	
		For Galvanized Cast Iron Parts, Add	*45.00*	
22 05 76 00-0047		**Cast Iron Cleanout Tee With Brass Plug** *(22 05 76 00-0036)*		
22 05 76 00-0048	EA	2" Cleanout Tee With Cast Bronze Screw Plug	415.48	50.05
22 05 76 00-0049	EA	3" Cleanout Tee With Cast Bronze Screw Plug	464.78	54.66
22 05 76 00-0050	EA	4" Cleanout Tee With Cast Bronze Screw Plug	619.62	71.92
22 05 76 00-0051	EA	5" Cleanout Tee With Cast Bronze Screw Plug	935.93	85.15
22 05 76 00-0052	EA	6" Cleanout Tee With Cast Bronze Screw Plug	1,605.04	100.67
22 05 76 00-0053		**Removable Cleanout Plug** *(22 05 76)*		
22 05 76 00-0054		**Threaded Bronze Plugs** *(22 05 76 00-0053)*		
22 05 76 00-0055	EA	1-1/4", 1-1/2" Or 2" Threaded Bronze Plug	80.34	14.38
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0056	EA	2-1/2" Threaded Bronze Plug	96.68	15.65
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0057	EA	3" Threaded Bronze Plug	167.94	17.26
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0058	EA	3-1/2" Threaded Bronze Plug	187.74	20.14
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0059	EA	4" Threaded Bronze Plug	212.22	23.01
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0060	EA	5" Threaded Bronze Plug	299.86	25.89
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0061	EA	6" Threaded Bronze Plug	443.65	28.77
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0062	EA	8" Threaded Bronze Plug	753.46	31.64
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0063	EA	10" Threaded Bronze Plug	1,086.74	34.52
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0064		**Threaded Brass Plugs** *(22 05 76 00-0053)*		
22 05 76 00-0065	EA	1-1/2" Threaded Brass Plug, Raised Head	32.23	14.38
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0066	EA	2" Threaded Brass Plug, Raised Head	32.84	14.38
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0067	EA	2-1/2" Threaded Brass Plug, Raised Head	35.82	15.65
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0068	EA	3" Threaded Brass Plug, Raised Head	40.59	17.26
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0069	EA	3-1/2" Threaded Brass Plug, Raised Head	47.97	20.14
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0070	EA	4" Threaded Brass Plug, Raised Head	56.46	23.01
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0071	EA	4-1/2" Threaded Brass Plug, Raised Head	60.68	24.24
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0072	EA	5" Threaded Brass Plug, Raised Head	65.28	25.89
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0073	EA	6" Threaded Brass Plug, Raised Head	85.66	28.76
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0074	EA	1-1/2" Threaded Brass Plug, Countersunk Head	31.76	14.38
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0075	EA	2" Threaded Brass Plug, Countersunk Head	32.43	14.38
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0076	EA	2-1/2" Threaded Brass Plug, Countersunk Head	37.13	15.65
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0077	EA	3" Threaded Brass Plug, Countersunk Head	40.78	17.26
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0078	EA	3-1/2" Threaded Brass Plug, Countersunk Head	47.41	20.14
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0079	EA	4" Threaded Brass Plug, Countersunk Head	55.57	23.01
		For Plug Tapped For Center Screw, Add	*9.50*	
22 05 76 00-0080	EA	5" Threaded Brass Plug, Countersunk Head	64.80	25.89
		For Plug Tapped For Center Screw, Add	*9.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 05 76 00-0081	EA	6" Threaded Brass Plug, Countersunk Head	77.81	28.77
		For Plug Tapped For Center Screw, Add	*9.50*	

22 07 Plumbing Insulation *(22)*

22 07 16 Plumbing Equipment Insulation *(22 07)*

22 07 16 00-0001 Lavatory Insulation *(22 07 16)*

22 07 16 00-0002	EA	Neoprene Insulation Kit For Under Lavatories	362.25	25.63

22 07 19 Plumbing Piping Insulation *(22 07)*

22 07 19 00-0001 Insulation Protective Jacketing *(22 07 19)*

Note: Jacketing only and to be added to insulation prices when required.

22 07 19 00-0002 Aluminum Insulation Protective Jacketing With Bands *(22 07 19 00-0001)*

22 07 19 00-0003 Aluminum Roll, Insulation Protective Jacketing With Bands *(22 07 19 00-0002)*

22 07 19 00-0004	SF	0.006" Aluminum Insulation Jacket With Bands	17.29	7.29
22 07 19 00-0005	SF	0.010" Aluminum Insulation Jacket With Bands	17.63	7.29
22 07 19 00-0006	SF	0.016" Aluminum Insulation Jacket With Bands	17.96	7.29
22 07 19 00-0007	SF	0.020" Aluminum Insulation Jacket With Bands	18.26	7.29
22 07 19 00-0008	SF	0.024" Aluminum Insulation Jacket With Bands	18.53	7.29

22 07 19 00-0009 16 Mil, Aluminum Insulation Protective Jacketing With Polykraft Moisture Barrier And Bands *(22 07 19 00-0002)*

22 07 19 00-0010	LF	1/2" ID, 0.016" Aluminum Insulation Jacketing	9.02	2.07
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.02*	
22 07 19 00-0011	LF	3/4" ID, 0.016" Aluminum Insulation Jacketing	9.43	2.11
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.02*	
22 07 19 00-0012	LF	1" ID, 0.016" Aluminum Insulation Jacketing	9.84	2.17
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.03*	
22 07 19 00-0013	LF	1-1/4" ID, 0.016" Aluminum Insulation Jacketing	10.27	2.23
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.03*	
22 07 19 00-0014	LF	1-1/2" ID, 0.016" Aluminum Insulation Jacketing	10.62	2.26
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.04*	
22 07 19 00-0015	LF	1-3/4" ID, 0.016" Aluminum Insulation Jacketing	10.96	2.29
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.05*	
22 07 19 00-0016	LF	2" ID, 0.016" Aluminum Insulation Jacketing	11.37	2.34
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.05*	
22 07 19 00-0017	LF	2-1/4" ID, 0.016" Aluminum Insulation Jacketing	11.79	2.39
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.06*	
22 07 19 00-0018	LF	2-1/2" ID, 0.016" Aluminum Insulation Jacketing	12.24	2.44
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.06*	
22 07 19 00-0019	LF	2-3/4" ID, 0.016" Aluminum Insulation Jacketing	12.62	2.48
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.07*	
22 07 19 00-0020	LF	3" ID, 0.016" Aluminum Insulation Jacketing	13.07	2.53
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.07*	
22 07 19 00-0021	LF	3-1/4" ID, 0.016" Aluminum Insulation Jacketing	13.52	2.59
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.08*	
22 07 19 00-0022	LF	3-1/2" ID, 0.016" Aluminum Insulation Jacketing	13.98	2.65
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.08*	
22 07 19 00-0023	LF	3-3/4" ID, 0.016" Aluminum Insulation Jacketing	14.39	2.70
		For Stucco Embossed, Add	*0.04*	
		For Corrugated, Add	*0.09*	
22 07 19 00-0024	LF	4" ID, 0.016" Aluminum Insulation Jacketing	14.87	2.76
		For Stucco Embossed, Add	*0.04*	
		For Corrugated, Add	*0.10*	
22 07 19 00-0025	LF	4-1/4" ID, 0.016" Aluminum Insulation Jacketing	15.36	2.83
		For Stucco Embossed, Add	*0.04*	
		For Corrugated, Add	*0.10*	
22 07 19 00-0026	LF	4-1/2" ID, 0.016" Aluminum Insulation Jacketing	15.89	2.90
		For Stucco Embossed, Add	*0.04*	
		For Corrugated, Add	*0.11*	
22 07 19 00-0027	LF	4-3/4" ID, 0.016" Aluminum Insulation Jacketing	16.33	2.96
		For Stucco Embossed, Add	*0.05*	
		For Corrugated, Add	*0.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0028	LF	5" ID, 0.016" Aluminum Insulation Jacketing	16.85	3.04
		For Stucco Embossed, Add	*0.05*	
		For Corrugated, Add	*0.12*	
22 07 19 00-0029	LF	5-1/4" ID, 0.016" Aluminum Insulation Jacketing	17.41	3.12
		For Stucco Embossed, Add	*0.05*	
		For Corrugated, Add	*0.12*	
22 07 19 00-0030	LF	5-1/2" ID, 0.016" Aluminum Insulation Jacketing	17.90	3.18
		For Stucco Embossed, Add	*0.05*	
		For Corrugated, Add	*0.13*	
22 07 19 00-0031	LF	5-3/4" ID, 0.016" Aluminum Insulation Jacketing	18.50	3.27
		For Stucco Embossed, Add	*0.05*	
		For Corrugated, Add	*0.13*	
22 07 19 00-0032	LF	6" ID, 0.016" Aluminum Insulation Jacketing	19.10	3.37
		For Stucco Embossed, Add	*0.06*	
		For Corrugated, Add	*0.14*	
22 07 19 00-0033	LF	6-1/4" ID, 0.016" Aluminum Insulation Jacketing	19.53	3.42
		For Stucco Embossed, Add	*0.06*	
		For Corrugated, Add	*0.15*	
22 07 19 00-0034	LF	6-1/2" ID, 0.016" Aluminum Insulation Jacketing	19.95	3.47
		For Stucco Embossed, Add	*0.06*	
		For Corrugated, Add	*0.15*	
22 07 19 00-0035	LF	7" ID, 0.016" Aluminum Insulation Jacketing	20.69	3.55
		For Stucco Embossed, Add	*0.06*	
		For Corrugated, Add	*0.16*	
22 07 19 00-0036	LF	7-1/4" ID, 0.016" Aluminum Insulation Jacketing	21.24	3.65
		For Stucco Embossed, Add	*0.07*	
		For Corrugated, Add	*0.17*	
22 07 19 00-0037	LF	7-1/2" ID, 0.016" Aluminum Insulation Jacketing	21.69	3.71
		For Stucco Embossed, Add	*0.07*	
		For Corrugated, Add	*0.17*	
22 07 19 00-0038	LF	8" ID, 0.016" Aluminum Insulation Jacketing	22.38	3.77
		For Stucco Embossed, Add	*0.07*	
		For Corrugated, Add	*0.18*	
22 07 19 00-0039	LF	8-1/2" ID, 0.016" Aluminum Insulation Jacketing	23.07	3.83
		For Stucco Embossed, Add	*0.08*	
		For Corrugated, Add	*0.19*	
22 07 19 00-0040	LF	9" ID, 0.016" Aluminum Insulation Jacketing	23.89	3.93
		For Stucco Embossed, Add	*0.08*	
		For Corrugated, Add	*0.20*	
22 07 19 00-0041	LF	9-1/2" ID, 0.016" Aluminum Insulation Jacketing	24.62	4.00
		For Stucco Embossed, Add	*0.09*	
		For Corrugated, Add	*0.22*	
22 07 19 00-0042	LF	10" ID, 0.016" Aluminum Insulation Jacketing	25.34	4.07
		For Stucco Embossed, Add	*0.09*	
		For Corrugated, Add	*0.23*	
22 07 19 00-0043	LF	10-1/2" ID, 0.016" Aluminum Insulation Jacketing	26.08	4.14
		For Stucco Embossed, Add	*0.10*	
		For Corrugated, Add	*0.24*	
22 07 19 00-0044	LF	11" ID, 0.0106 Aluminum Insulation Jacketing	26.97	4.26
		For Stucco Embossed, Add	*0.10*	
		For Corrugated, Add	*0.25*	
22 07 19 00-0045	LF	11-1/2" ID, 0.016" Aluminum Insulation Jacketing	27.75	4.34
		For Stucco Embossed, Add	*0.10*	
		For Corrugated, Add	*0.26*	
22 07 19 00-0046	LF	12" ID, 0.016" Aluminum Insulation Jacketing	28.52	4.42
		For Stucco Embossed, Add	*0.11*	
		For Corrugated, Add	*0.27*	
22 07 19 00-0047	LF	12-1/2" ID, 0.016" Aluminum Insulation Jacketing	29.50	4.55
		For Stucco Embossed, Add	*0.11*	
		For Corrugated, Add	*0.28*	
22 07 19 00-0048	LF	13" ID, 0.016" Aluminum Insulation Jacketing	30.11	4.60
		For Stucco Embossed, Add	*0.12*	
		For Corrugated, Add	*0.29*	
22 07 19 00-0049	LF	14" ID, 0.016" Aluminum Insulation Jacketing	31.20	4.65
		For Stucco Embossed, Add	*0.13*	
		For Corrugated, Add	*0.32*	
22 07 19 00-0050	LF	15" ID, 0.016" Aluminum Insulation Jacketing	32.44	4.74
		For Stucco Embossed, Add	*0.13*	
		For Corrugated, Add	*0.34*	
22 07 19 00-0051	LF	16" ID, 0.016" Aluminum Insulation Jacketing	33.54	4.79
		For Stucco Embossed, Add	*0.14*	
		For Corrugated, Add	*0.36*	
22 07 19 00-0052	LF	17" ID, 0.016" Aluminum Insulation Jacketing	34.82	4.89
		For Stucco Embossed, Add	*0.15*	
		For Corrugated, Add	*0.38*	
22 07 19 00-0053	LF	18" ID, 0.016" Aluminum Insulation Jacketing	35.63	4.95
		For Stucco Embossed, Add	*0.16*	
		For Corrugated, Add	*0.40*	
22 07 19 00-0054	LF	19" ID, 0.016" Aluminum Insulation Jacketing	37.23	5.07
		For Stucco Embossed, Add	*0.17*	
		For Corrugated, Add	*0.42*	
22 07 19 00-0055	LF	20" ID, 0.016" Aluminum Insulation Jacketing	38.35	5.12
		For Stucco Embossed, Add	*0.18*	
		For Corrugated, Add	*0.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0056	LF	21" ID, 0.016" Aluminum Insulation Jacketing	39.69	5.24
		For Stucco Embossed, Add	*0.19*	
		For Corrugated, Add	*0.47*	
22 07 19 00-0057	LF	22" ID, 0.016" Aluminum Insulation Jacketing	40.80	5.30
		For Stucco Embossed, Add	*0.20*	
		For Corrugated, Add	*0.49*	
22 07 19 00-0058	LF	23" ID, 0.016" Aluminum Insulation Jacketing	42.19	5.43
		For Stucco Embossed, Add	*0.21*	
		For Corrugated, Add	*0.51*	
22 07 19 00-0059	LF	24" ID, 0.016" Aluminum Insulation Jacketing	43.32	5.49
		For Stucco Embossed, Add	*0.21*	
		For Corrugated, Add	*0.53*	

22 07 19 00-0060 20 Mil, Aluminum Insulation Protective Jacketing With Polykraft Moisture Barrier And Bands *(22 07 19 00-0002)*

22 07 19 00-0061	LF	1/2" ID, 0.020" Aluminum Insulation Jacketing	10.04	2.28
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.02*	
22 07 19 00-0062	LF	3/4" ID, 0.020" Aluminum Insulation Jacketing	10.52	2.33
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.03*	
22 07 19 00-0063	LF	1" ID, 0.020" Aluminum Insulation Jacketing	11.03	2.39
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.04*	
22 07 19 00-0064	LF	1-1/4" ID, 0.020" Aluminum Insulation Jacketing	11.53	2.45
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.04*	
22 07 19 00-0065	LF	1-1/2" ID, 0.020" Aluminum Insulation Jacketing	11.95	2.48
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.05*	
22 07 19 00-0066	LF	1-3/4" ID, 0.020" Aluminum Insulation Jacketing	12.37	2.52
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.06*	
22 07 19 00-0067	LF	2" ID, 0.020" Aluminum Insulation Jacketing	12.86	2.57
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.06*	
22 07 19 00-0068	LF	2-1/4" ID, 0.020" Aluminum Insulation Jacketing	13.35	2.63
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.07*	
22 07 19 00-0069	LF	2-1/2" ID, 0.020" Aluminum Insulation Jacketing	13.87	2.68
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.08*	
22 07 19 00-0070	LF	2-3/4" ID, 0.020" Aluminum Insulation Jacketing	14.34	2.72
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.09*	
22 07 19 00-0071	LF	3" ID, 0.020" Aluminum Insulation Jacketing	14.89	2.78
		For Stucco Embossed, Add	*0.04*	
		For Corrugated, Add	*0.09*	
22 07 19 00-0072	LF	3-1/4" ID, 0.020" Aluminum Insulation Jacketing	15.41	2.85
		For Stucco Embossed, Add	*0.04*	
		For Corrugated, Add	*0.10*	
22 07 19 00-0073	LF	3-1/2" ID, 0.020" Aluminum Insulation Jacketing	15.95	2.91
		For Stucco Embossed, Add	*0.04*	
		For Corrugated, Add	*0.11*	
22 07 19 00-0074	LF	3-3/4" ID, 0.020" Aluminum Insulation Jacketing	16.44	2.96
		For Stucco Embossed, Add	*0.05*	
		For Corrugated, Add	*0.11*	
22 07 19 00-0075	LF	4" ID, 0.020" Aluminum Insulation Jacketing	16.99	3.04
		For Stucco Embossed, Add	*0.05*	
		For Corrugated, Add	*0.12*	
22 07 19 00-0076	LF	4-1/4" ID, 0.020" Aluminum Insulation Jacketing	17.58	3.11
		For Stucco Embossed, Add	*0.05*	
		For Corrugated, Add	*0.13*	
22 07 19 00-0077	LF	4-1/2" ID, 0.020" Aluminum Insulation Jacketing	18.21	3.19
		For Stucco Embossed, Add	*0.05*	
		For Corrugated, Add	*0.14*	
22 07 19 00-0078	LF	4-3/4" ID, 0.020" Aluminum Insulation Jacketing	18.73	3.25
		For Stucco Embossed, Add	*0.06*	
		For Corrugated, Add	*0.14*	
22 07 19 00-0079	LF	5" ID, 0.020" Aluminum Insulation Jacketing	19.35	3.34
		For Stucco Embossed, Add	*0.06*	
		For Corrugated, Add	*0.15*	
22 07 19 00-0080	LF	5-1/4" ID, 0.020" Aluminum Insulation Jacketing	19.99	3.43
		For Stucco Embossed, Add	*0.06*	
		For Corrugated, Add	*0.16*	
22 07 19 00-0081	LF	5-1/2" ID, 0.020" Aluminum Insulation Jacketing	20.56	3.50
		For Stucco Embossed, Add	*0.07*	
		For Corrugated, Add	*0.16*	
22 07 19 00-0082	LF	5-3/4" ID, 0.020" Aluminum Insulation Jacketing	21.27	3.61
		For Stucco Embossed, Add	*0.07*	
		For Corrugated, Add	*0.17*	
22 07 19 00-0083	LF	6" ID, 0.020" Aluminum Insulation Jacketing	21.97	3.72
		For Stucco Embossed, Add	*0.07*	
		For Corrugated, Add	*0.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0084	LF	6-1/4" ID, 0.020" Aluminum Insulation Jacketing	22.47	3.77
		For Stucco Embossed, Add	*0.07*	
		For Corrugated, Add	*0.19*	
22 07 19 00-0085	LF	6-1/2" ID, 0.020" Aluminum Insulation Jacketing	22.98	3.83
		For Stucco Embossed, Add	*0.08*	
		For Corrugated, Add	*0.19*	
22 07 19 00-0086	LF	7" ID, 0.020" Aluminum Insulation Jacketing	23.85	3.92
		For Stucco Embossed, Add	*0.08*	
		For Corrugated, Add	*0.20*	
22 07 19 00-0087	LF	7-1/4" ID, 0.020" Aluminum Insulation Jacketing	24.49	4.01
		For Stucco Embossed, Add	*0.08*	
		For Corrugated, Add	*0.21*	
22 07 19 00-0088	LF	7-1/2" ID, 0.020" Aluminum Insulation Jacketing	25.03	4.08
		For Stucco Embossed, Add	*0.09*	
		For Corrugated, Add	*0.22*	
22 07 19 00-0089	LF	8" ID, 0.020" Aluminum Insulation Jacketing	25.87	4.15
		For Stucco Embossed, Add	*0.09*	
		For Corrugated, Add	*0.23*	
22 07 19 00-0090	LF	8-1/2" ID, 0.020" Aluminum Insulation Jacketing	26.69	4.21
		For Stucco Embossed, Add	*0.10*	
		For Corrugated, Add	*0.25*	
22 07 19 00-0091	LF	9" ID, 0.020" Aluminum Insulation Jacketing	27.67	4.32
		For Stucco Embossed, Add	*0.10*	
		For Corrugated, Add	*0.26*	
22 07 19 00-0092	LF	9-1/2" ID, 0.020" Aluminum Insulation Jacketing	28.55	4.40
		For Stucco Embossed, Add	*0.11*	
		For Corrugated, Add	*0.27*	
22 07 19 00-0093	LF	10" ID, 0.020" Aluminum Insulation Jacketing	29.41	4.47
		For Stucco Embossed, Add	*0.12*	
		For Corrugated, Add	*0.29*	
22 07 19 00-0094	LF	10-1/2" ID, 0.020" Aluminum Insulation Jacketing	30.30	4.55
		For Stucco Embossed, Add	*0.12*	
		For Corrugated, Add	*0.30*	
22 07 19 00-0095	LF	11" ID, 0.0106 Aluminum Insulation Jacketing	31.35	4.68
		For Stucco Embossed, Add	*0.13*	
		For Corrugated, Add	*0.32*	
22 07 19 00-0096	LF	11-1/2" ID, 0.020" Aluminum Insulation Jacketing	32.30	4.77
		For Stucco Embossed, Add	*0.13*	
		For Corrugated, Add	*0.33*	
22 07 19 00-0097	LF	12" ID, 0.020" Aluminum Insulation Jacketing	33.23	4.86
		For Stucco Embossed, Add	*0.14*	
		For Corrugated, Add	*0.34*	
22 07 19 00-0098	LF	12-1/2" ID, 0.020" Aluminum Insulation Jacketing	34.36	5.01
		For Stucco Embossed, Add	*0.14*	
		For Corrugated, Add	*0.36*	
22 07 19 00-0099	LF	13" ID, 0.020" Aluminum Insulation Jacketing	35.11	5.07
		For Stucco Embossed, Add	*0.15*	
		For Corrugated, Add	*0.37*	
22 07 19 00-0100	LF	14" ID, 0.020" Aluminum Insulation Jacketing	36.45	5.12
		For Stucco Embossed, Add	*0.16*	
		For Corrugated, Add	*0.40*	
22 07 19 00-0101	LF	15" ID, 0.020" Aluminum Insulation Jacketing	37.99	5.22
		For Stucco Embossed, Add	*0.17*	
		For Corrugated, Add	*0.43*	
22 07 19 00-0102	LF	16" ID, 0.020" Aluminum Insulation Jacketing	39.33	5.28
		For Stucco Embossed, Add	*0.18*	
		For Corrugated, Add	*0.46*	
22 07 19 00-0103	LF	17" ID, 0.020" Aluminum Insulation Jacketing	40.88	5.39
		For Stucco Embossed, Add	*0.19*	
		For Corrugated, Add	*0.48*	
22 07 19 00-0104	LF	18" ID, 0.020" Aluminum Insulation Jacketing	41.88	5.45
		For Stucco Embossed, Add	*0.20*	
		For Corrugated, Add	*0.50*	
22 07 19 00-0105	LF	19" ID, 0.020" Aluminum Insulation Jacketing	43.84	5.57
		For Stucco Embossed, Add	*0.22*	
		For Corrugated, Add	*0.54*	
22 07 19 00-0106	LF	20" ID, 0.020" Aluminum Insulation Jacketing	45.23	5.63
		For Stucco Embossed, Add	*0.23*	
		For Corrugated, Add	*0.57*	
22 07 19 00-0107	LF	21" ID, 0.020" Aluminum Insulation Jacketing	46.84	5.76
		For Stucco Embossed, Add	*0.24*	
		For Corrugated, Add	*0.60*	
22 07 19 00-0108	LF	22" ID, 0.020" Aluminum Insulation Jacketing	48.21	5.83
		For Stucco Embossed, Add	*0.25*	
		For Corrugated, Add	*0.62*	
22 07 19 00-0109	LF	23" ID, 0.020" Aluminum Insulation Jacketing	49.91	5.96
		For Stucco Embossed, Add	*0.26*	
		For Corrugated, Add	*0.65*	
22 07 19 00-0110	LF	24" ID, 0.020" Aluminum Insulation Jacketing	51.29	6.04
		For Stucco Embossed, Add	*0.27*	
		For Corrugated, Add	*0.68*	

22 07 19 00-0111 24 Mil, Aluminum Insulation Protective Jacketing With Polykraft Moisture Barrier And Bands *(22 07 19 00-0002)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0112	LF	1/2" ID, 0.024" Aluminum Insulation Jacketing	11.05	2.49
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.03*	
22 07 19 00-0113	LF	3/4" ID, 0.024" Aluminum Insulation Jacketing	11.61	2.55
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.04*	
22 07 19 00-0114	LF	1" ID, 0.024" Aluminum Insulation Jacketing	12.18	2.61
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.04*	
22 07 19 00-0115	LF	1-1/4" ID, 0.024" Aluminum Insulation Jacketing	12.76	2.67
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.05*	
22 07 19 00-0116	LF	1-1/2" ID, 0.024" Aluminum Insulation Jacketing	13.26	2.71
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.06*	
22 07 19 00-0117	LF	1-3/4" ID, 0.024" Aluminum Insulation Jacketing	13.75	2.75
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.07*	
22 07 19 00-0118	LF	2" ID, 0.024" Aluminum Insulation Jacketing	14.31	2.80
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.08*	
22 07 19 00-0119	LF	2-1/4" ID, 0.024" Aluminum Insulation Jacketing	14.87	2.86
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.09*	
22 07 19 00-0120	LF	2-1/2" ID, 0.024" Aluminum Insulation Jacketing	15.48	2.92
		For Stucco Embossed, Add	*0.04*	
		For Corrugated, Add	*0.09*	
22 07 19 00-0121	LF	2-3/4" ID, 0.024" Aluminum Insulation Jacketing	16.00	2.97
		For Stucco Embossed, Add	*0.04*	
		For Corrugated, Add	*0.10*	
22 07 19 00-0122	LF	3" ID, 0.024" Aluminum Insulation Jacketing	16.63	3.04
		For Stucco Embossed, Add	*0.04*	
		For Corrugated, Add	*0.11*	
22 07 19 00-0123	LF	3-1/4" ID, 0.024" Aluminum Insulation Jacketing	17.25	3.10
		For Stucco Embossed, Add	*0.05*	
		For Corrugated, Add	*0.12*	
22 07 19 00-0124	LF	3-1/2" ID, 0.024" Aluminum Insulation Jacketing	17.86	3.18
		For Stucco Embossed, Add	*0.05*	
		For Corrugated, Add	*0.13*	
22 07 19 00-0125	LF	3-3/4" ID, 0.024" Aluminum Insulation Jacketing	18.42	3.23
		For Stucco Embossed, Add	*0.05*	
		For Corrugated, Add	*0.14*	
22 07 19 00-0126	LF	4" ID, 0.024" Aluminum Insulation Jacketing	19.06	3.31
		For Stucco Embossed, Add	*0.06*	
		For Corrugated, Add	*0.15*	
22 07 19 00-0127	LF	4-1/4" ID, 0.024" Aluminum Insulation Jacketing	19.71	3.39
		For Stucco Embossed, Add	*0.06*	
		For Corrugated, Add	*0.15*	
22 07 19 00-0128	LF	4-1/2" ID, 0.024" Aluminum Insulation Jacketing	20.43	3.48
		For Stucco Embossed, Add	*0.07*	
		For Corrugated, Add	*0.16*	
22 07 19 00-0129	LF	4-3/4" ID, 0.024" Aluminum Insulation Jacketing	21.03	3.55
		For Stucco Embossed, Add	*0.07*	
		For Corrugated, Add	*0.17*	
22 07 19 00-0130	LF	5" ID, 0.024" Aluminum Insulation Jacketing	21.74	3.65
		For Stucco Embossed, Add	*0.07*	
		For Corrugated, Add	*0.18*	
22 07 19 00-0131	LF	5-1/4" ID, 0.024" Aluminum Insulation Jacketing	22.46	3.75
		For Stucco Embossed, Add	*0.07*	
		For Corrugated, Add	*0.19*	
22 07 19 00-0132	LF	5-1/2" ID, 0.024" Aluminum Insulation Jacketing	23.12	3.83
		For Stucco Embossed, Add	*0.08*	
		For Corrugated, Add	*0.20*	
22 07 19 00-0133	LF	5-3/4" ID, 0.024" Aluminum Insulation Jacketing	23.92	3.94
		For Stucco Embossed, Add	*0.08*	
		For Corrugated, Add	*0.20*	
22 07 19 00-0134	LF	6" ID, 0.024" Aluminum Insulation Jacketing	24.72	4.05
		For Stucco Embossed, Add	*0.09*	
		For Corrugated, Add	*0.21*	
22 07 19 00-0135	LF	6-1/4" ID, 0.024" Aluminum Insulation Jacketing	25.29	4.11
		For Stucco Embossed, Add	*0.09*	
		For Corrugated, Add	*0.22*	
22 07 19 00-0136	LF	6-1/2" ID, 0.024" Aluminum Insulation Jacketing	25.88	4.17
		For Stucco Embossed, Add	*0.09*	
		For Corrugated, Add	*0.23*	
22 07 19 00-0137	LF	7" ID, 0.024" Aluminum Insulation Jacketing	26.89	4.27
		For Stucco Embossed, Add	*0.10*	
		For Corrugated, Add	*0.25*	
22 07 19 00-0138	LF	7-1/4" ID, 0.024" Aluminum Insulation Jacketing	27.62	4.37
		For Stucco Embossed, Add	*0.10*	
		For Corrugated, Add	*0.25*	
22 07 19 00-0139	LF	7-1/2" ID, 0.024" Aluminum Insulation Jacketing	28.23	4.44
		For Stucco Embossed, Add	*0.10*	
		For Corrugated, Add	*0.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0140	LF	8" ID, 0.024" Aluminum Insulation Jacketing	29.21	4.52
		For Stucco Embossed, Add	*0.11*	
		For Corrugated, Add	*0.28*	
22 07 19 00-0141	LF	8-1/2" ID, 0.024" Aluminum Insulation Jacketing	30.15	4.59
		For Stucco Embossed, Add	*0.12*	
		For Corrugated, Add	*0.29*	
22 07 19 00-0142	LF	9" ID, 0.024" Aluminum Insulation Jacketing	31.28	4.71
		For Stucco Embossed, Add	*0.12*	
		For Corrugated, Add	*0.31*	
22 07 19 00-0143	LF	9-1/2" ID, 0.024" Aluminum Insulation Jacketing	32.31	4.79
		For Stucco Embossed, Add	*0.13*	
		For Corrugated, Add	*0.33*	
22 07 19 00-0144	LF	10" ID, 0.024" Aluminum Insulation Jacketing	33.32	4.88
		For Stucco Embossed, Add	*0.14*	
		For Corrugated, Add	*0.34*	
22 07 19 00-0145	LF	10-1/2" ID, 0.024" Aluminum Insulation Jacketing	34.33	4.97
		For Stucco Embossed, Add	*0.14*	
		For Corrugated, Add	*0.36*	
22 07 19 00-0146	LF	11" ID, 0.0106 Aluminum Insulation Jacketing	35.54	5.11
		For Stucco Embossed, Add	*0.15*	
		For Corrugated, Add	*0.38*	
22 07 19 00-0147	LF	11-1/2" ID, 0.024" Aluminum Insulation Jacketing	36.63	5.21
		For Stucco Embossed, Add	*0.16*	
		For Corrugated, Add	*0.40*	
22 07 19 00-0148	LF	12" ID, 0.024" Aluminum Insulation Jacketing	37.70	5.31
		For Stucco Embossed, Add	*0.16*	
		For Corrugated, Add	*0.41*	
22 07 19 00-0149	LF	12-1/2" ID, 0.024" Aluminum Insulation Jacketing	39.00	5.47
		For Stucco Embossed, Add	*0.17*	
		For Corrugated, Add	*0.43*	
22 07 19 00-0150	LF	13" ID, 0.024" Aluminum Insulation Jacketing	39.88	5.52
		For Stucco Embossed, Add	*0.18*	
		For Corrugated, Add	*0.44*	
22 07 19 00-0151	LF	14" ID, 0.024" Aluminum Insulation Jacketing	41.46	5.58
		For Stucco Embossed, Add	*0.19*	
		For Corrugated, Add	*0.48*	
22 07 19 00-0152	LF	15" ID, 0.024" Aluminum Insulation Jacketing	43.24	5.70
		For Stucco Embossed, Add	*0.20*	
		For Corrugated, Add	*0.51*	
22 07 19 00-0153	LF	16" ID, 0.024" Aluminum Insulation Jacketing	44.84	5.75
		For Stucco Embossed, Add	*0.22*	
		For Corrugated, Add	*0.55*	
22 07 19 00-0154	LF	17" ID, 0.024" Aluminum Insulation Jacketing	46.65	5.88
		For Stucco Embossed, Add	*0.23*	
		For Corrugated, Add	*0.58*	
22 07 19 00-0155	LF	18" ID, 0.024" Aluminum Insulation Jacketing	47.81	5.94
		For Stucco Embossed, Add	*0.24*	
		For Corrugated, Add	*0.60*	
22 07 19 00-0156	LF	19" ID, 0.024" Aluminum Insulation Jacketing	50.11	6.07
		For Stucco Embossed, Add	*0.26*	
		For Corrugated, Add	*0.65*	
22 07 19 00-0157	LF	20" ID, 0.024" Aluminum Insulation Jacketing	51.74	6.14
		For Stucco Embossed, Add	*0.27*	
		For Corrugated, Add	*0.68*	
22 07 19 00-0158	LF	21" ID, 0.024" Aluminum Insulation Jacketing	53.62	6.28
		For Stucco Embossed, Add	*0.28*	
		For Corrugated, Add	*0.71*	
22 07 19 00-0159	LF	22" ID, 0.024" Aluminum Insulation Jacketing	55.24	6.35
		For Stucco Embossed, Add	*0.30*	
		For Corrugated, Add	*0.75*	
22 07 19 00-0160	LF	23" ID, 0.024" Aluminum Insulation Jacketing	57.20	6.51
		For Stucco Embossed, Add	*0.31*	
		For Corrugated, Add	*0.78*	
22 07 19 00-0161	LF	24" ID, 0.024" Aluminum Insulation Jacketing	58.82	6.59
		For Stucco Embossed, Add	*0.32*	
		For Corrugated, Add	*0.81*	

22 07 19 00-0162 32 Mil, Aluminum Insulation Protective Jacketing With Polykraft Moisture Barrier And Bands *(22 07 19 00-0002)*

22 07 19 00-0163	LF	1/2" ID, 0.032" Aluminum Insulation Jacketing	12.51	2.76
		For Stucco Embossed, Add	*0.01*	
		For Corrugated, Add	*0.04*	
22 07 19 00-0164	LF	3/4" ID, 0.032" Aluminum Insulation Jacketing	13.20	2.82
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.05*	
22 07 19 00-0165	LF	1" ID, 0.032" Aluminum Insulation Jacketing	13.92	2.89
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.06*	
22 07 19 00-0166	LF	1-1/4" ID, 0.032" Aluminum Insulation Jacketing	14.64	2.96
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.07*	
22 07 19 00-0167	LF	1-1/2" ID, 0.032" Aluminum Insulation Jacketing	15.26	3.00
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0168	LF	1-3/4" ID, 0.032" Aluminum Insulation Jacketing	15.87	3.04
		For Stucco Embossed, Add	*0.04*	
		For Corrugated, Add	*0.09*	
22 07 19 00-0169	LF	2" ID, 0.032" Aluminum Insulation Jacketing	16.57	3.11
		For Stucco Embossed, Add	*0.04*	
		For Corrugated, Add	*0.10*	
22 07 19 00-0170	LF	2-1/4" ID, 0.032" Aluminum Insulation Jacketing	17.28	3.17
		For Stucco Embossed, Add	*0.05*	
		For Corrugated, Add	*0.11*	
22 07 19 00-0171	LF	2-1/2" ID, 0.032" Aluminum Insulation Jacketing	18.04	3.24
		For Stucco Embossed, Add	*0.05*	
		For Corrugated, Add	*0.13*	
22 07 19 00-0172	LF	2-3/4" ID, 0.032" Aluminum Insulation Jacketing	18.70	3.29
		For Stucco Embossed, Add	*0.06*	
		For Corrugated, Add	*0.14*	
22 07 19 00-0173	LF	3" ID, 0.032" Aluminum Insulation Jacketing	19.48	3.36
		For Stucco Embossed, Add	*0.06*	
		For Corrugated, Add	*0.15*	
22 07 19 00-0174	LF	3-1/4" ID, 0.032" Aluminum Insulation Jacketing	20.24	3.44
		For Stucco Embossed, Add	*0.06*	
		For Corrugated, Add	*0.16*	
22 07 19 00-0175	LF	3-1/2" ID, 0.032" Aluminum Insulation Jacketing	21.00	3.52
		For Stucco Embossed, Add	*0.07*	
		For Corrugated, Add	*0.17*	
22 07 19 00-0176	LF	3-3/4" ID, 0.032" Aluminum Insulation Jacketing	21.69	3.58
		For Stucco Embossed, Add	*0.07*	
		For Corrugated, Add	*0.18*	
22 07 19 00-0177	LF	4" ID, 0.032" Aluminum Insulation Jacketing	22.48	3.68
		For Stucco Embossed, Add	*0.08*	
		For Corrugated, Add	*0.19*	
22 07 19 00-0178	LF	4-1/4" ID, 0.032" Aluminum Insulation Jacketing	23.28	3.77
		For Stucco Embossed, Add	*0.08*	
		For Corrugated, Add	*0.21*	
22 07 19 00-0179	LF	4-1/2" ID, 0.032" Aluminum Insulation Jacketing	24.17	3.86
		For Stucco Embossed, Add	*0.09*	
		For Corrugated, Add	*0.22*	
22 07 19 00-0180	LF	4-3/4" ID, 0.032" Aluminum Insulation Jacketing	24.91	3.94
		For Stucco Embossed, Add	*0.09*	
		For Corrugated, Add	*0.23*	
22 07 19 00-0181	LF	5" ID, 0.032" Aluminum Insulation Jacketing	25.77	4.04
		For Stucco Embossed, Add	*0.10*	
		For Corrugated, Add	*0.24*	
22 07 19 00-0182	LF	5-1/4" ID, 0.032" Aluminum Insulation Jacketing	26.67	4.15
		For Stucco Embossed, Add	*0.10*	
		For Corrugated, Add	*0.25*	
22 07 19 00-0183	LF	5-1/2" ID, 0.032" Aluminum Insulation Jacketing	27.45	4.24
		For Stucco Embossed, Add	*0.11*	
		For Corrugated, Add	*0.26*	
22 07 19 00-0184	LF	5-3/4" ID, 0.032" Aluminum Insulation Jacketing	28.44	4.36
		For Stucco Embossed, Add	*0.11*	
		For Corrugated, Add	*0.28*	
22 07 19 00-0185	LF	6" ID, 0.032" Aluminum Insulation Jacketing	29.39	4.49
		For Stucco Embossed, Add	*0.11*	
		For Corrugated, Add	*0.29*	
22 07 19 00-0186	LF	6-1/4" ID, 0.032" Aluminum Insulation Jacketing	30.11	4.55
		For Stucco Embossed, Add	*0.12*	
		For Corrugated, Add	*0.30*	
22 07 19 00-0187	LF	6-1/2" ID, 0.032" Aluminum Insulation Jacketing	30.82	4.62
		For Stucco Embossed, Add	*0.12*	
		For Corrugated, Add	*0.31*	
22 07 19 00-0188	LF	7" ID, 0.032" Aluminum Insulation Jacketing	32.08	4.73
		For Stucco Embossed, Add	*0.13*	
		For Corrugated, Add	*0.33*	
22 07 19 00-0189	LF	7-1/4" ID, 0.032" Aluminum Insulation Jacketing	32.97	4.84
		For Stucco Embossed, Add	*0.14*	
		For Corrugated, Add	*0.34*	
22 07 19 00-0190	LF	7-1/2" ID, 0.032" Aluminum Insulation Jacketing	33.74	4.92
		For Stucco Embossed, Add	*0.14*	
		For Corrugated, Add	*0.35*	
22 07 19 00-0191	LF	8" ID, 0.032" Aluminum Insulation Jacketing	34.97	5.01
		For Stucco Embossed, Add	*0.15*	
		For Corrugated, Add	*0.37*	
22 07 19 00-0192	LF	8-1/2" ID, 0.032" Aluminum Insulation Jacketing	36.16	5.10
		For Stucco Embossed, Add	*0.16*	
		For Corrugated, Add	*0.40*	
22 07 19 00-0193	LF	9" ID, 0.032" Aluminum Insulation Jacketing	37.59	5.23
		For Stucco Embossed, Add	*0.17*	
		For Corrugated, Add	*0.42*	
22 07 19 00-0194	LF	9-1/2" ID, 0.032" Aluminum Insulation Jacketing	38.89	5.32
		For Stucco Embossed, Add	*0.18*	
		For Corrugated, Add	*0.44*	
22 07 19 00-0195	LF	10" ID, 0.032" Aluminum Insulation Jacketing	40.15	5.41
		For Stucco Embossed, Add	*0.19*	
		For Corrugated, Add	*0.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0196	LF	10-1/2" ID, 0.032" Aluminum Insulation Jacketing	41.42	5.51
		For Stucco Embossed, Add	*0.19*	
		For Corrugated, Add	*0.48*	
22 07 19 00-0197	LF	11" ID, 0.0106 Aluminum Insulation Jacketing	42.93	5.66
		For Stucco Embossed, Add	*0.20*	
		For Corrugated, Add	*0.51*	
22 07 19 00-0198	LF	11-1/2" ID, 0.032" Aluminum Insulation Jacketing	44.30	5.77
		For Stucco Embossed, Add	*0.21*	
		For Corrugated, Add	*0.53*	
22 07 19 00-0199	LF	12" ID, 0.032" Aluminum Insulation Jacketing	45.63	5.88
		For Stucco Embossed, Add	*0.22*	
		For Corrugated, Add	*0.55*	
22 07 19 00-0200	LF	12-1/2" ID, 0.032" Aluminum Insulation Jacketing	47.23	6.06
		For Stucco Embossed, Add	*0.23*	
		For Corrugated, Add	*0.57*	
22 07 19 00-0201	LF	13" ID, 0.032" Aluminum Insulation Jacketing	48.35	6.12
		For Stucco Embossed, Add	*0.24*	
		For Corrugated, Add	*0.60*	
22 07 19 00-0202	LF	14" ID, 0.032" Aluminum Insulation Jacketing	50.42	6.18
		For Stucco Embossed, Add	*0.26*	
		For Corrugated, Add	*0.64*	
22 07 19 00-0203	LF	15" ID, 0.032" Aluminum Insulation Jacketing	52.71	6.31
		For Stucco Embossed, Add	*0.27*	
		For Corrugated, Add	*0.69*	
22 07 19 00-0204	LF	16" ID, 0.032" Aluminum Insulation Jacketing	54.80	6.37
		For Stucco Embossed, Add	*0.29*	
		For Corrugated, Add	*0.73*	
22 07 19 00-0205	LF	17" ID, 0.032" Aluminum Insulation Jacketing	57.11	6.52
		For Stucco Embossed, Add	*0.31*	
		For Corrugated, Add	*0.78*	
22 07 19 00-0206	LF	18" ID, 0.032" Aluminum Insulation Jacketing	58.61	6.59
		For Stucco Embossed, Add	*0.32*	
		For Corrugated, Add	*0.81*	
22 07 19 00-0207	LF	19" ID, 0.032" Aluminum Insulation Jacketing	61.58	6.74
		For Stucco Embossed, Add	*0.35*	
		For Corrugated, Add	*0.87*	
22 07 19 00-0208	LF	20" ID, 0.032" Aluminum Insulation Jacketing	63.70	6.81
		For Stucco Embossed, Add	*0.36*	
		For Corrugated, Add	*0.91*	
22 07 19 00-0209	LF	21" ID, 0.032" Aluminum Insulation Jacketing	66.09	6.97
		For Stucco Embossed, Add	*0.38*	
		For Corrugated, Add	*0.96*	
22 07 19 00-0210	LF	22" ID, 0.032" Aluminum Insulation Jacketing	68.19	7.05
		For Stucco Embossed, Add	*0.40*	
		For Corrugated, Add	*1.00*	
22 07 19 00-0211	LF	23" ID, 0.032" Aluminum Insulation Jacketing	70.68	7.21
		For Stucco Embossed, Add	*0.42*	
		For Corrugated, Add	*1.05*	
22 07 19 00-0212	LF	24" ID, 0.032" Aluminum Insulation Jacketing	72.80	7.30
		For Stucco Embossed, Add	*0.44*	
		For Corrugated, Add	*1.09*	

22 07 19 00-0213 40 Mil, Aluminum Insulation Protective Jacketing With Polykraft Moisture Barrier And Bands *(22 07 19 00-0002)*

22 07 19 00-0214	LF	1/2" ID, 0.040" Aluminum Insulation Jacketing	14.55	3.17
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.05*	
22 07 19 00-0215	LF	3/4" ID, 0.040" Aluminum Insulation Jacketing	15.40	3.24
		For Stucco Embossed, Add	*0.02*	
		For Corrugated, Add	*0.06*	
22 07 19 00-0216	LF	1" ID, 0.040" Aluminum Insulation Jacketing	16.25	3.32
		For Stucco Embossed, Add	*0.03*	
		For Corrugated, Add	*0.07*	
22 07 19 00-0217	LF	1-1/4" ID, 0.040" Aluminum Insulation Jacketing	17.14	3.40
		For Stucco Embossed, Add	*0.04*	
		For Corrugated, Add	*0.09*	
22 07 19 00-0218	LF	1-1/2" ID, 0.040" Aluminum Insulation Jacketing	17.90	3.45
		For Stucco Embossed, Add	*0.04*	
		For Corrugated, Add	*0.10*	
22 07 19 00-0219	LF	1-3/4" ID, 0.040" Aluminum Insulation Jacketing	18.66	3.50
		For Stucco Embossed, Add	*0.05*	
		For Corrugated, Add	*0.12*	
22 07 19 00-0220	LF	2" ID, 0.040" Aluminum Insulation Jacketing	19.50	3.57
		For Stucco Embossed, Add	*0.05*	
		For Corrugated, Add	*0.13*	
22 07 19 00-0221	LF	2-1/4" ID, 0.040" Aluminum Insulation Jacketing	20.36	3.65
		For Stucco Embossed, Add	*0.06*	
		For Corrugated, Add	*0.14*	
22 07 19 00-0222	LF	2-1/2" ID, 0.040" Aluminum Insulation Jacketing	21.29	3.73
		For Stucco Embossed, Add	*0.06*	
		For Corrugated, Add	*0.16*	
22 07 19 00-0223	LF	2-3/4" ID, 0.040" Aluminum Insulation Jacketing	22.09	3.79
		For Stucco Embossed, Add	*0.07*	
		For Corrugated, Add	*0.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0224	LF	3" ID, 0.040" Aluminum Insulation Jacketing	23.05	3.88
		For Stucco Embossed, Add	*0.08*	
		For Corrugated, Add	*0.19*	
22 07 19 00-0225	LF	3-1/4" ID, 0.040" Aluminum Insulation Jacketing	23.95	3.96
		For Stucco Embossed, Add	*0.08*	
		For Corrugated, Add	*0.20*	
22 07 19 00-0226	LF	3-1/2" ID, 0.040" Aluminum Insulation Jacketing	24.88	4.05
		For Stucco Embossed, Add	*0.09*	
		For Corrugated, Add	*0.22*	
22 07 19 00-0227	LF	3-3/4" ID, 0.040" Aluminum Insulation Jacketing	25.71	4.13
		For Stucco Embossed, Add	*0.09*	
		For Corrugated, Add	*0.23*	
22 07 19 00-0228	LF	4" ID, 0.040" Aluminum Insulation Jacketing	26.68	4.23
		For Stucco Embossed, Add	*0.10*	
		For Corrugated, Add	*0.24*	
22 07 19 00-0229	LF	4-1/4" ID, 0.040" Aluminum Insulation Jacketing	27.65	4.33
		For Stucco Embossed, Add	*0.10*	
		For Corrugated, Add	*0.26*	
22 07 19 00-0230	LF	4-1/2" ID, 0.040" Aluminum Insulation Jacketing	28.72	4.44
		For Stucco Embossed, Add	*0.11*	
		For Corrugated, Add	*0.27*	
22 07 19 00-0231	LF	4-3/4" ID, 0.040" Aluminum Insulation Jacketing	29.62	4.52
		For Stucco Embossed, Add	*0.12*	
		For Corrugated, Add	*0.29*	
22 07 19 00-0232	LF	5" ID, 0.040" Aluminum Insulation Jacketing	30.66	4.64
		For Stucco Embossed, Add	*0.12*	
		For Corrugated, Add	*0.30*	
22 07 19 00-0233	LF	5-1/4" ID, 0.040" Aluminum Insulation Jacketing	31.71	4.77
		For Stucco Embossed, Add	*0.13*	
		For Corrugated, Add	*0.32*	
22 07 19 00-0234	LF	5-1/2" ID, 0.040" Aluminum Insulation Jacketing	32.67	4.87
		For Stucco Embossed, Add	*0.13*	
		For Corrugated, Add	*0.33*	
22 07 19 00-0235	LF	5-3/4" ID, 0.040" Aluminum Insulation Jacketing	33.86	5.01
		For Stucco Embossed, Add	*0.14*	
		For Corrugated, Add	*0.35*	
22 07 19 00-0236	LF	6" ID, 0.040" Aluminum Insulation Jacketing	35.00	5.17
		For Stucco Embossed, Add	*0.14*	
		For Corrugated, Add	*0.36*	
22 07 19 00-0237	LF	6-1/4" ID, 0.040" Aluminum Insulation Jacketing	35.88	5.24
		For Stucco Embossed, Add	*0.15*	
		For Corrugated, Add	*0.37*	
22 07 19 00-0238	LF	6-1/2" ID, 0.040" Aluminum Insulation Jacketing	36.75	5.32
		For Stucco Embossed, Add	*0.15*	
		For Corrugated, Add	*0.39*	
22 07 19 00-0239	LF	7" ID, 0.040" Aluminum Insulation Jacketing	38.28	5.45
		For Stucco Embossed, Add	*0.17*	
		For Corrugated, Add	*0.41*	
22 07 19 00-0240	LF	7-1/4" ID, 0.040" Aluminum Insulation Jacketing	39.37	5.58
		For Stucco Embossed, Add	*0.17*	
		For Corrugated, Add	*0.43*	
22 07 19 00-0241	LF	7-1/2" ID, 0.040" Aluminum Insulation Jacketing	40.28	5.67
		For Stucco Embossed, Add	*0.18*	
		For Corrugated, Add	*0.44*	
22 07 19 00-0242	LF	8" ID, 0.040" Aluminum Insulation Jacketing	41.78	5.76
		For Stucco Embossed, Add	*0.19*	
		For Corrugated, Add	*0.47*	
22 07 19 00-0243	LF	8-1/2" ID, 0.040" Aluminum Insulation Jacketing	43.26	5.86
		For Stucco Embossed, Add	*0.20*	
		For Corrugated, Add	*0.50*	
22 07 19 00-0244	LF	9" ID, 0.040" Aluminum Insulation Jacketing	44.98	6.01
		For Stucco Embossed, Add	*0.21*	
		For Corrugated, Add	*0.52*	
22 07 19 00-0245	LF	9-1/2" ID, 0.040" Aluminum Insulation Jacketing	46.58	6.11
		For Stucco Embossed, Add	*0.22*	
		For Corrugated, Add	*0.55*	
22 07 19 00-0246	LF	10" ID, 0.040" Aluminum Insulation Jacketing	48.12	6.22
		For Stucco Embossed, Add	*0.23*	
		For Corrugated, Add	*0.58*	
22 07 19 00-0247	LF	10-1/2" ID, 0.040" Aluminum Insulation Jacketing	49.69	6.33
		For Stucco Embossed, Add	*0.24*	
		For Corrugated, Add	*0.61*	
22 07 19 00-0248	LF	11" ID, 0.0106 Aluminum Insulation Jacketing	51.51	6.52
		For Stucco Embossed, Add	*0.25*	
		For Corrugated, Add	*0.64*	
22 07 19 00-0249	LF	11-1/2" ID, 0.040" Aluminum Insulation Jacketing	53.18	6.64
		For Stucco Embossed, Add	*0.27*	
		For Corrugated, Add	*0.67*	
22 07 19 00-0250	LF	12" ID, 0.040" Aluminum Insulation Jacketing	54.81	6.77
		For Stucco Embossed, Add	*0.28*	
		For Corrugated, Add	*0.69*	
22 07 19 00-0251	LF	12-1/2" ID, 0.040" Aluminum Insulation Jacketing	56.73	6.97
		For Stucco Embossed, Add	*0.29*	
		For Corrugated, Add	*0.72*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0252	LF	13" ID, 0.040" Aluminum Insulation Jacketing	58.12	7.04
		For Stucco Embossed, Add	*0.30*	
		For Corrugated, Add	*0.75*	
22 07 19 00-0253	LF	14" ID, 0.040" Aluminum Insulation Jacketing	60.69	7.11
		For Stucco Embossed, Add	*0.32*	
		For Corrugated, Add	*0.81*	
22 07 19 00-0254	LF	15" ID, 0.040" Aluminum Insulation Jacketing	63.50	7.26
		For Stucco Embossed, Add	*0.34*	
		For Corrugated, Add	*0.86*	
22 07 19 00-0255	LF	16" ID, 0.040" Aluminum Insulation Jacketing	66.09	7.34
		For Stucco Embossed, Add	*0.37*	
		For Corrugated, Add	*0.92*	
22 07 19 00-0256	LF	17" ID, 0.040" Aluminum Insulation Jacketing	68.95	7.49
		For Stucco Embossed, Add	*0.39*	
		For Corrugated, Add	*0.97*	
22 07 19 00-0257	LF	18" ID, 0.040" Aluminum Insulation Jacketing	70.79	7.57
		For Stucco Embossed, Add	*0.40*	
		For Corrugated, Add	*1.01*	
22 07 19 00-0258	LF	19" ID, 0.040" Aluminum Insulation Jacketing	74.46	7.74
		For Stucco Embossed, Add	*0.43*	
		For Corrugated, Add	*1.09*	
22 07 19 00-0259	LF	20" ID, 0.040" Aluminum Insulation Jacketing	77.09	7.83
		For Stucco Embossed, Add	*0.46*	
		For Corrugated, Add	*1.14*	
22 07 19 00-0260	LF	21" ID, 0.040" Aluminum Insulation Jacketing	80.02	8.02
		For Stucco Embossed, Add	*0.48*	
		For Corrugated, Add	*1.20*	
22 07 19 00-0261	LF	22" ID, 0.040" Aluminum Insulation Jacketing	82.63	8.11
		For Stucco Embossed, Add	*0.50*	
		For Corrugated, Add	*1.26*	
22 07 19 00-0262	LF	23" ID, 0.040" Aluminum Insulation Jacketing	85.68	8.30
		For Stucco Embossed, Add	*0.52*	
		For Corrugated, Add	*1.31*	
22 07 19 00-0263	LF	24" ID, 0.040" Aluminum Insulation Jacketing	88.30	8.40
		For Stucco Embossed, Add	*0.55*	
		For Corrugated, Add	*1.37*	

22 07 19 00-0264 Aluminum Insulation Protective Jacketing For Fittings *(22 07 19 00-0002)*

22 07 19 00-0265	EA	1-1/2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	24.02	3.25
22 07 19 00-0266	EA	1-3/4" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	24.49	3.37
22 07 19 00-0267	EA	2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	27.86	3.50
22 07 19 00-0268	EA	2-1/4" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	28.08	3.55
22 07 19 00-0269	EA	2-1/2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	28.30	3.62
22 07 19 00-0270	EA	2-3/4" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	28.65	3.71
22 07 19 00-0271	EA	3" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	30.20	3.80
22 07 19 00-0272	EA	3-1/4" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	30.59	3.90
22 07 19 00-0273	EA	3-1/2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	33.59	3.96
22 07 19 00-0274	EA	3-3/4" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	34.32	4.03
22 07 19 00-0275	EA	4" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	35.61	4.14
22 07 19 00-0276	EA	4-1/4" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	36.46	4.22
22 07 19 00-0277	EA	4-1/2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	36.77	4.30
22 07 19 00-0278	EA	4-3/4" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	37.10	4.38
22 07 19 00-0279	EA	5" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	39.94	4.47
22 07 19 00-0280	EA	5-1/4" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	43.69	4.55
22 07 19 00-0281	EA	5-1/2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	50.51	4.69
22 07 19 00-0282	EA	5-3/4" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	50.90	4.79
22 07 19 00-0283	EA	6" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	46.87	4.95
22 07 19 00-0284	EA	6-1/4" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	47.31	5.07
22 07 19 00-0285	EA	6-1/2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	53.53	5.24
22 07 19 00-0286	EA	7" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	60.99	5.36
22 07 19 00-0287	EA	7-1/4" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	61.24	5.43
22 07 19 00-0288	EA	7-1/2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	80.10	5.49
22 07 19 00-0289	EA	8" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	65.58	5.56
22 07 19 00-0290	EA	8-1/2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	102.90	5.70
22 07 19 00-0291	EA	9" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	103.48	5.84
22 07 19 00-0292	EA	9-1/2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	82.60	5.92
22 07 19 00-0293	EA	10" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	82.92	5.99
22 07 19 00-0294	EA	10-1/2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	84.51	6.07
22 07 19 00-0295	EA	11" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	84.83	6.15
22 07 19 00-0296	EA	11-1/2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	93.76	6.32
22 07 19 00-0297	EA	12" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	94.12	6.41
22 07 19 00-0298	EA	12-1/2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	148.24	6.61
22 07 19 00-0299	EA	13" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	148.63	6.70
22 07 19 00-0300	EA	14" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	190.99	6.90
22 07 19 00-0301	EA	15" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	199.28	7.12
22 07 19 00-0302	EA	16" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	215.24	7.23
22 07 19 00-0303	EA	2-1/2" ID, Aluminum 45 Degree Elbow Insulation Jacketing	25.89	3.62
22 07 19 00-0304	EA	2-3/4" ID, Aluminum 45 Degree Elbow Insulation Jacketing	26.24	3.71
22 07 19 00-0305	EA	3" ID, Aluminum 45 Degree Elbow Insulation Jacketing	28.11	3.80
22 07 19 00-0306	EA	3-1/4" ID, Aluminum 45 Degree Elbow Insulation Jacketing	28.50	3.90
22 07 19 00-0307	EA	3-1/2" ID Aluminum 45 Degree Elbow Insulation Jacketing	30.58	3.96
22 07 19 00-0308	EA	3-3/4" ID, Aluminum 45 Degree Elbow Insulation Jacketing	30.85	4.03

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0309	EA	4" ID, Aluminum 45 Degree Elbow Insulation Jacketing	31.55	4.14
22 07 19 00-0310	EA	4-1/4" ID, Aluminum 45 Degree Elbow Insulation Jacketing	33.97	4.22
22 07 19 00-0311	EA	4-1/2" ID, Aluminum 45 Degree Elbow Insulation Jacketing	34.28	4.30
22 07 19 00-0312	EA	4-3/4" ID, Aluminum 45 Degree Elbow Insulation Jacketing	34.61	4.38
22 07 19 00-0313	EA	5" ID, Aluminum 45 Degree Elbow Insulation Jacketing	37.93	4.47
22 07 19 00-0314	EA	5-1/4" ID, Aluminum 45 Degree Elbow Insulation Jacketing	38.30	4.55
22 07 19 00-0315	EA	5-1/2" ID, Aluminum 45 Degree Elbow Insulation Jacketing	39.84	4.69
22 07 19 00-0316	EA	6" ID, Aluminum 45 Degree Elbow Insulation Jacketing	40.86	4.95
22 07 19 00-0317	EA	6-1/2" ID, Aluminum 45 Degree Elbow Insulation Jacketing	50.01	5.24
22 07 19 00-0318	EA	7" ID, Aluminum 45 Degree Elbow Insulation Jacketing	50.50	5.36
22 07 19 00-0319	EA	7-1/2" ID, Aluminum 45 Degree Elbow Insulation Jacketing	51.28	5.49
22 07 19 00-0320	EA	8" ID, Aluminum 45 Degree Elbow Insulation Jacketing	51.55	5.56
22 07 19 00-0321	EA	8-1/2" ID, Aluminum 45 Degree Elbow Insulation Jacketing	59.26	5.70
22 07 19 00-0322	EA	9" ID, Aluminum 45 Degree Elbow Insulation Jacketing	59.84	5.84
22 07 19 00-0323	EA	9-1/2" ID, Aluminum 45 Degree Elbow Insulation Jacketing	74.31	5.92
22 07 19 00-0324	EA	10" ID, Aluminum 45 Degree Elbow Insulation Jacketing	74.63	5.99
22 07 19 00-0325	EA	10-1/2" ID, Aluminum 45 Degree Elbow Insulation Jacketing	71.67	6.07
22 07 19 00-0326	EA	11" ID, Aluminum 45 Degree Elbow Insulation Jacketing	71.99	6.15
22 07 19 00-0327	EA	11-1/2" ID, Aluminum 45 Degree Elbow Insulation Jacketing	82.22	6.32
22 07 19 00-0328	EA	12" ID, Aluminum 45 Degree Elbow Insulation Jacketing	82.58	6.41
22 07 19 00-0329	EA	13" ID, Aluminum 45 Degree Elbow Insulation Jacketing	93.59	6.70
22 07 19 00-0330	EA	14" ID, Aluminum 45 Degree Elbow Insulation Jacketing	109.57	6.90
22 07 19 00-0331	EA	15" ID, Aluminum 45 Degree Elbow Insulation Jacketing	154.75	7.12
22 07 19 00-0332	EA	16" ID, Aluminum 45 Degree Elbow Insulation Jacketing	165.81	7.23
22 07 19 00-0333	EA	17" ID, Aluminum 45 Degree Elbow Insulation Jacketing	163.06	7.35
22 07 19 00-0334	EA	18" ID, Aluminum 45 Degree Elbow Insulation Jacketing	182.35	7.47
22 07 19 00-0335	EA	19" ID, Aluminum 45 Degree Elbow Insulation Jacketing	216.61	7.59
22 07 19 00-0336	EA	20" ID, Aluminum 45 Degree Elbow Insulation Jacketing	211.00	7.72
22 07 19 00-0337	EA	21" ID, Aluminum 45 Degree Elbow Insulation Jacketing	225.87	7.85
22 07 19 00-0338	EA	2-1/2" ID, Aluminum Tee Insulation Jacketing	99.20	5.18
22 07 19 00-0339	EA	2-3/4" ID, Aluminum Tee Insulation Jacketing	99.69	5.30
22 07 19 00-0340	EA	3" ID, Aluminum Tee Insulation Jacketing	110.37	5.43
22 07 19 00-0341	EA	3-1/4" ID, Aluminum Tee Insulation Jacketing	110.90	5.56
22 07 19 00-0342	EA	3-1/2" ID Aluminum Tee Insulation Jacketing	115.71	5.70
22 07 19 00-0343	EA	4" ID, Aluminum Tee Insulation Jacketing	117.29	5.84
22 07 19 00-0344	EA	4-1/4" ID, Aluminum Tee Insulation Jacketing	123.33	5.99
22 07 19 00-0345	EA	4-1/2" ID, Aluminum Tee Insulation Jacketing	123.16	6.15
22 07 19 00-0346	EA	4-3/4" ID, Aluminum Tee Insulation Jacketing	123.85	6.32
22 07 19 00-0347	EA	5" ID, Aluminum Tee Insulation Jacketing	128.25	6.51
22 07 19 00-0348	EA	5-1/4" ID, Aluminum Tee Insulation Jacketing	129.02	6.70
22 07 19 00-0349	EA	5-1/2" ID, Aluminum Tee Insulation Jacketing	134.36	6.90
22 07 19 00-0350	EA	6" ID, Aluminum Tee Insulation Jacketing	135.23	7.12
22 07 19 00-0351	EA	6-1/2" ID, Aluminum Tee Insulation Jacketing	147.63	7.59
22 07 19 00-0352	EA	7" ID, Aluminum Tee Insulation Jacketing	148.68	7.85
22 07 19 00-0353	EA	7-1/2" ID, Aluminum Tee Insulation Jacketing	162.93	8.14
22 07 19 00-0354	EA	8" ID, Aluminum Tee Insulation Jacketing	164.13	8.44
22 07 19 00-0355	EA	8-1/2" ID, Aluminum Tee Insulation Jacketing	168.87	8.76
22 07 19 00-0356	EA	9" ID, Aluminum Tee Insulation Jacketing	170.27	9.11
22 07 19 00-0357	EA	9-1/2" ID, Aluminum Tee Insulation Jacketing	136.51	9.29
22 07 19 00-0358	EA	10" ID, Aluminum Tee Insulation Jacketing	137.28	9.50
22 07 19 00-0359	EA	10-1/2" ID, Aluminum Tee Insulation Jacketing	144.57	9.70
22 07 19 00-0360	EA	11" ID, Aluminum Tee Insulation Jacketing	145.42	9.91
22 07 19 00-0361	EA	11-1/2" ID, Aluminum Tee Insulation Jacketing	152.06	10.12
22 07 19 00-0362	EA	12" ID, Aluminum Tee Insulation Jacketing	152.99	10.35
22 07 19 00-0363	EA	13" ID, Aluminum Tee Insulation Jacketing	159.49	10.59
22 07 19 00-0364	EA	14" ID, Aluminum Tee Insulation Jacketing	166.25	10.85
22 07 19 00-0365	EA	15" ID, Aluminum Tee Insulation Jacketing	177.33	11.11
22 07 19 00-0366	EA	16" ID, Aluminum Tee Insulation Jacketing	181.78	11.39
22 07 19 00-0367	EA	17" ID, Aluminum Tee Insulation Jacketing	203.33	11.68
22 07 19 00-0368	EA	18" ID, Aluminum Tee Insulation Jacketing	210.66	11.99
22 07 19 00-0369	EA	19" ID, Aluminum Tee Insulation Jacketing	229.18	12.32
22 07 19 00-0370	EA	20" ID, Aluminum Tee Insulation Jacketing	234.48	12.66
22 07 19 00-0371	EA	22" ID, Aluminum Tee Insulation Jacketing	285.95	13.02
22 07 19 00-0372	EA	23" ID, Aluminum Tee Insulation Jacketing	293.98	13.40
22 07 19 00-0373	EA	24" ID, Aluminum Tee Insulation Jacketing	305.44	14.69
22 07 19 00-0374		Stainless Steel Insulation Protective Jacketing With Bands *(22 07 19 00-0001)*		
22 07 19 00-0375		Type 304 Stainless Steel Roll, Insulation Protective Jacketing With Bands *(22 07 19 00-0374)*		
22 07 19 00-0376	SF	0.010" Stainless Steel Insulation Jacket With Bands	21.82	8.54
22 07 19 00-0377	SF	0.016" Stainless Steel Insulation Jacket With Bands	26.89	10.25
22 07 19 00-0378		10 Mil, Type 304 Stainless Steel, Insulation Protective Jacketing With Moisture Barrier And Bands *(22 07 19 00-0374)*		
22 07 19 00-0379	LF	2-1/2" ID, 0.010" Stainless Steel Insulation Jacketing	11.46	1.82
22 07 19 00-0380	LF	2-3/4" ID, 0.010" Stainless Steel Insulation Jacketing	11.98	1.86
22 07 19 00-0381	LF	3" ID, 0.010" Stainless Steel Insulation Jacketing	12.50	1.90
22 07 19 00-0382	LF	3-1/4" ID, 0.010" Stainless Steel Insulation Jacketing	13.04	1.94

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0383	LF	3-1/2" ID, 0.010" Stainless Steel Insulation Jacketing	13.59	1.98
22 07 19 00-0384	LF	3-3/4" ID, 0.010" Stainless Steel Insulation Jacketing	14.13	2.02
22 07 19 00-0385	LF	4" ID, 0.010" Stainless Steel Insulation Jacketing	14.69	2.07
22 07 19 00-0386	LF	4-1/4" ID, 0.010" Stainless Steel Insulation Jacketing	15.25	2.11
22 07 19 00-0387	LF	4-1/2" ID, 0.010" Stainless Steel Insulation Jacketing	15.81	2.17
22 07 19 00-0388	LF	5" ID, 0.010" Stainless Steel Insulation Jacketing	17.00	2.28
22 07 19 00-0389	LF	5-1/2" ID, 0.010" Stainless Steel Insulation Jacketing	18.21	2.40
22 07 19 00-0390	LF	6" ID, 0.010" Stainless Steel Insulation Jacketing	19.48	2.53
22 07 19 00-0391	LF	6-1/2" ID, 0.010" Stainless Steel Insulation Jacketing	20.51	2.61
22 07 19 00-0392	LF	7" ID, 0.010" Stainless Steel Insulation Jacketing	21.57	2.68
22 07 19 00-0393	LF	7-1/2" ID, 0.010" Stainless Steel Insulation Jacketing	22.70	2.78
22 07 19 00-0394	LF	8" ID, 0.010" Stainless Steel Insulation Jacketing	23.64	2.83
22 07 19 00-0395	LF	8-1/2" ID, 0.010" Stainless Steel Insulation Jacketing	24.59	2.88
22 07 19 00-0396	LF	9" ID, 0.010" Stainless Steel Insulation Jacketing	25.57	2.94
22 07 19 00-0397	LF	9-1/2" ID, 0.010" Stainless Steel Insulation Jacketing	26.54	3.00
22 07 19 00-0398	LF	10" ID, 0.010" Stainless Steel Insulation Jacketing	27.52	3.06
22 07 19 00-0399	LF	10-1/2" ID, 0.010" Stainless Steel Insulation Jacketing	28.52	3.12
22 07 19 00-0400	LF	11" ID, 0.010" Stainless Steel Insulation Jacketing	29.53	3.18
22 07 19 00-0401	LF	12" ID, 0.010" Stainless Steel Insulation Jacketing	31.55	3.32
22 07 19 00-0402	LF	13" ID, 0.010" Stainless Steel Insulation Jacketing	33.55	3.45
22 07 19 00-0403	LF	14" ID, 0.010" Stainless Steel Insulation Jacketing	35.23	3.50
22 07 19 00-0404		16 Mil, Type 304 Stainless Steel, Insulation Protective Jacketing With Moisture Barrier And Bands *(22 07 19 00-0374)*		
22 07 19 00-0405	LF	2-1/2" ID, 0.016" Stainless Steel Insulation Jacketing	15.75	2.43
22 07 19 00-0406	LF	2-3/4" ID, 0.016" Stainless Steel Insulation Jacketing	16.47	2.48
22 07 19 00-0407	LF	3" ID, 0.016" Stainless Steel Insulation Jacketing	17.22	2.53
22 07 19 00-0408	LF	3-1/4" ID, 0.016" Stainless Steel Insulation Jacketing	17.98	2.58
22 07 19 00-0409	LF	3-1/2" ID, 0.016" Stainless Steel Insulation Jacketing	18.75	2.64
22 07 19 00-0410	LF	3-3/4" ID, 0.016" Stainless Steel Insulation Jacketing	19.51	2.69
22 07 19 00-0411	LF	4" ID, 0.016" Stainless Steel Insulation Jacketing	20.30	2.76
22 07 19 00-0412	LF	4-1/4" ID, 0.016" Stainless Steel Insulation Jacketing	21.08	2.82
22 07 19 00-0413	LF	4-1/2" ID, 0.016" Stainless Steel Insulation Jacketing	21.89	2.89
22 07 19 00-0414	LF	5" ID, 0.016" Stainless Steel Insulation Jacketing	23.55	3.03
22 07 19 00-0415	LF	5-1/2" ID, 0.016" Stainless Steel Insulation Jacketing	25.26	3.19
22 07 19 00-0416	LF	6" ID, 0.016" Stainless Steel Insulation Jacketing	27.03	3.36
22 07 19 00-0417	LF	6-1/2" ID, 0.016" Stainless Steel Insulation Jacketing	28.49	3.46
22 07 19 00-0418	LF	7" ID, 0.016" Stainless Steel Insulation Jacketing	29.99	3.56
22 07 19 00-0419	LF	7-1/2" ID, 0.016" Stainless Steel Insulation Jacketing	31.58	3.70
22 07 19 00-0420	LF	8" ID, 0.016" Stainless Steel Insulation Jacketing	32.92	3.77
22 07 19 00-0421	LF	8-1/2" ID, 0.016" Stainless Steel Insulation Jacketing	34.28	3.84
22 07 19 00-0422	LF	9" ID, 0.016" Stainless Steel Insulation Jacketing	35.67	3.91
22 07 19 00-0423	LF	9-1/2" ID, 0.016" Stainless Steel Insulation Jacketing	37.04	3.99
22 07 19 00-0424	LF	10" ID, 0.016" Stainless Steel Insulation Jacketing	38.43	4.07
22 07 19 00-0425	LF	10-1/2" ID, 0.016" Stainless Steel Insulation Jacketing	39.87	4.15
22 07 19 00-0426	LF	11" ID, 0.0106 Stainless Steel Insulation Jacketing	41.27	4.24
22 07 19 00-0427	LF	12" ID, 0.016" Stainless Steel Insulation Jacketing	44.15	4.42
22 07 19 00-0428	LF	13" ID, 0.016" Stainless Steel Insulation Jacketing	46.98	4.59
22 07 19 00-0429	LF	14" ID, 0.016" Stainless Steel Insulation Jacketing	49.40	4.66
22 07 19 00-0430		Type 316 Stainless Steel Insulation Protective Jacketing For Fittings *(22 07 19 00-0374)*		
22 07 19 00-0431	EA	2-1/2" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	32.89	3.62
22 07 19 00-0432	EA	2-3/4" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	33.24	3.71
22 07 19 00-0433	EA	3" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	34.46	3.80
22 07 19 00-0434	EA	3-1/4" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	34.85	3.90
22 07 19 00-0435	EA	3-1/2" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	36.09	3.96
22 07 19 00-0436	EA	3-3/4" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	37.51	4.03
22 07 19 00-0437	EA	4" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	40.08	4.14
22 07 19 00-0438	EA	4-1/4" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	48.13	4.22
22 07 19 00-0439	EA	4-1/2" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	48.44	4.30
22 07 19 00-0440	EA	5" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	49.83	4.47
22 07 19 00-0441	EA	5-1/2" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	66.45	4.69
22 07 19 00-0442	EA	6" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	72.13	4.95
22 07 19 00-0443	EA	6-1/2" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	92.96	5.24
22 07 19 00-0444	EA	7" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	93.45	5.36
22 07 19 00-0445	EA	7-1/2" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	106.03	5.49
22 07 19 00-0446	EA	8" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	106.86	5.70
22 07 19 00-0447	EA	8-1/2" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	109.72	5.70
22 07 19 00-0448	EA	9" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	155.60	5.84
22 07 19 00-0449	EA	9-1/2" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	153.60	5.92
22 07 19 00-0450	EA	10" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	153.92	5.99
22 07 19 00-0451	EA	10-1/2" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	179.77	6.07
22 07 19 00-0452	EA	11" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	173.03	6.15
22 07 19 00-0453	EA	12" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	194.16	6.41
22 07 19 00-0454	EA	13" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	260.24	6.70
22 07 19 00-0455	EA	14" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	262.63	6.90
22 07 19 00-0456	EA	2-1/2" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	29.82	3.62
22 07 19 00-0457	EA	2-3/4" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	30.17	3.71

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0458	EA	3" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	31.71	3.80
22 07 19 00-0459	EA	3-1/4" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	32.10	3.90
22 07 19 00-0460	EA	3-1/2" ID Stainless Steel 45 Degree Elbow Insulation Jacketing	32.58	3.96
22 07 19 00-0461	EA	3-3/4" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	32.85	4.03
22 07 19 00-0462	EA	4" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	38.08	4.14
22 07 19 00-0463	EA	4-1/4" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	47.07	4.22
22 07 19 00-0464	EA	4-1/2" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	47.38	4.30
22 07 19 00-0465	EA	4-3/4" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	47.71	4.38
22 07 19 00-0466	EA	5" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	48.57	4.47
22 07 19 00-0467	EA	5-1/2" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	49.50	4.69
22 07 19 00-0468	EA	6" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	56.23	4.95
22 07 19 00-0469	EA	6-1/2" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	57.37	5.24
22 07 19 00-0470	EA	7" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	83.07	5.36
22 07 19 00-0471	EA	7-1/2" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	84.85	5.49
22 07 19 00-0472	EA	8" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	85.12	5.56
22 07 19 00-0473	EA	8-1/2" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	96.38	5.70
22 07 19 00-0474	EA	9" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	96.96	5.84
22 07 19 00-0475	EA	9-1/2" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	110.07	5.92
22 07 19 00-0476	EA	10" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	110.39	5.99
22 07 19 00-0477	EA	10-1/2" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	128.15	6.07
22 07 19 00-0478	EA	11" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	128.47	6.15
22 07 19 00-0479	EA	12" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	138.45	6.41
22 07 19 00-0480	EA	13" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	159.51	6.70
22 07 19 00-0481		Polyvinyl Chloride (PVC) Insulation Protective Jacketing *(22 07 19 00-0001)*		
22 07 19 00-0482		20 Mil Polyvinyl Chloride (PVC) Insulation Protective Jacketing *(22 07 19 00-0481)*		
22 07 19 00-0483	LF	1-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	8.08	1.69
22 07 19 00-0484	LF	2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	8.78	1.75
22 07 19 00-0485	LF	2-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	9.39	1.82
22 07 19 00-0486	LF	3" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	10.13	1.90
22 07 19 00-0487	LF	3-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	10.81	1.98
22 07 19 00-0488	LF	4" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	11.55	2.07
22 07 19 00-0489	LF	4-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	12.33	2.17
22 07 19 00-0490	LF	5" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	13.09	2.28
22 07 19 00-0491	LF	5-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	13.96	2.40
22 07 19 00-0492	LF	6" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	14.88	2.53
22 07 19 00-0493	LF	6-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	15.55	2.61
22 07 19 00-0494	LF	7" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	16.19	2.68
22 07 19 00-0495	LF	7-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	17.03	2.78
22 07 19 00-0496	LF	8" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	17.57	2.83
22 07 19 00-0497	LF	8-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	18.16	2.88
22 07 19 00-0498	LF	9" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	18.78	2.94
22 07 19 00-0499	LF	9-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	19.40	3.00
22 07 19 00-0500	LF	10" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	19.97	3.06
22 07 19 00-0501	LF	10-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	20.61	3.12
22 07 19 00-0502	LF	11" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	21.26	3.18
22 07 19 00-0503	LF	11-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	21.92	3.25
22 07 19 00-0504	LF	12" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	22.53	3.32
22 07 19 00-0505	LF	12-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	23.27	3.40
22 07 19 00-0506	LF	13" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	23.82	3.45
22 07 19 00-0507	LF	13-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	24.20	3.45
22 07 19 00-0508	LF	14" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	24.80	3.50
22 07 19 00-0509	LF	15" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	25.80	3.55
22 07 19 00-0510	LF	16" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	26.73	3.62
22 07 19 00-0511	LF	17" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	27.74	3.68
22 07 19 00-0512	LF	18" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	28.75	3.74
22 07 19 00-0513	LF	19" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	29.73	3.80
22 07 19 00-0514	LF	20" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	30.77	3.86
22 07 19 00-0515	LF	21" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	31.74	3.93
22 07 19 00-0516	LF	22" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	32.79	4.00
22 07 19 00-0517	LF	23" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	33.80	4.07
22 07 19 00-0518	LF	24" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	34.87	4.14
22 07 19 00-0519	LF	25" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	35.96	4.22
22 07 19 00-0520	LF	26" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	36.98	4.30
22 07 19 00-0521	LF	27" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	38.09	4.38
22 07 19 00-0522	LF	28" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	39.15	4.47
22 07 19 00-0523	LF	29" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	40.29	4.55
22 07 19 00-0524	LF	30" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	41.44	4.65
22 07 19 00-0525		30 Mil Polyvinyl Chloride (PVC) Insulation Protective Jacketing *(22 07 19 00-0481)*		
22 07 19 00-0526	LF	2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	9.61	1.75
22 07 19 00-0527	LF	2-1/2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	10.44	1.82
22 07 19 00-0528	LF	3" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	11.35	1.90
22 07 19 00-0529	LF	3-1/2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	12.19	1.98
22 07 19 00-0530	LF	4" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	13.10	2.07
22 07 19 00-0531	LF	4-1/2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	14.04	2.17
22 07 19 00-0532	LF	5" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	15.03	2.28
22 07 19 00-0533	LF	5-1/2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	16.06	2.40

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0534	LF	6" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	17.14	2.53
22 07 19 00-0535	LF	6-1/2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	17.98	2.61
22 07 19 00-0536	LF	7" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	18.85	2.68
22 07 19 00-0537	LF	7-1/2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	19.85	2.78
22 07 19 00-0538	LF	8" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	20.61	2.83
22 07 19 00-0539	LF	8-1/2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	21.37	2.88
22 07 19 00-0540	LF	9" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	22.15	2.94
22 07 19 00-0541	LF	9-1/2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	22.94	3.00
22 07 19 00-0542	LF	10" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	23.73	3.06
22 07 19 00-0543	LF	10-1/2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	24.53	3.12
22 07 19 00-0544	LF	11" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	25.36	3.18
22 07 19 00-0545	LF	11-1/2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	26.18	3.25
22 07 19 00-0546	LF	12" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	27.01	3.32
22 07 19 00-0547	LF	12-1/2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	27.91	3.40
22 07 19 00-0548	LF	13" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	28.68	3.45
22 07 19 00-0549	LF	13-1/2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	29.24	3.45
22 07 19 00-0550	LF	14" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	30.00	3.50
22 07 19 00-0551	LF	15" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	31.32	3.55
22 07 19 00-0552	LF	16" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	32.65	3.62
22 07 19 00-0553	LF	17" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	33.99	3.68
22 07 19 00-0554	LF	18" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	35.39	3.74
22 07 19 00-0555	LF	19" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	36.75	3.80
22 07 19 00-0556	LF	20" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	38.12	3.86
22 07 19 00-0557	LF	21" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	39.49	3.93
22 07 19 00-0558	LF	22" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	40.86	4.00
22 07 19 00-0559	LF	23" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	42.26	4.07
22 07 19 00-0560	LF	24" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	43.66	4.14
22 07 19 00-0561	LF	25" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	45.13	4.22
22 07 19 00-0562	LF	26" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	46.55	4.30
22 07 19 00-0563	LF	27" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	47.99	4.38
22 07 19 00-0564	LF	28" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	49.43	4.47
22 07 19 00-0565	LF	29" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	50.91	4.55
22 07 19 00-0566	LF	30" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	52.38	4.65
22 07 19 00-0567		Polyvinyl Chloride (PVC) Insulation Protective Jacketing For Fittings *(22 07 19 00-0481)*		
22 07 19 00-0568	EA	1-3/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	16.53	3.37
22 07 19 00-0569	EA	2" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	17.78	3.50
22 07 19 00-0570	EA	2-1/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	18.44	3.55
22 07 19 00-0571	EA	2-1/2"ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	19.10	3.62
22 07 19 00-0572	EA	2-3/4"ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	19.84	3.71
22 07 19 00-0573	EA	3" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	20.50	3.80
22 07 19 00-0574	EA	3-3/8" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	21.74	3.93
22 07 19 00-0575	EA	3-3/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	22.87	4.03
22 07 19 00-0576	EA	4-1/8" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	25.08	4.14
22 07 19 00-0577	EA	4-3/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	27.63	4.34
22 07 19 00-0578	EA	5-1/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	30.23	4.55
22 07 19 00-0579	EA	5-3/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	34.99	4.79
22 07 19 00-0580	EA	6-1/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	46.62	5.07
22 07 19 00-0581	EA	6-3/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	48.71	5.24
22 07 19 00-0582	EA	7-1/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	56.22	5.36
22 07 19 00-0583	EA	7-3/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	58.44	5.49
22 07 19 00-0584	EA	8-3/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	69.72	5.70
22 07 19 00-0585	EA	9-3/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	86.36	5.92
22 07 19 00-0586	EA	10-7/8" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	94.62	6.15
22 07 19 00-0587	EA	11-7/8" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	105.90	6.41
22 07 19 00-0588	EA	12-7/8" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	128.09	6.70
22 07 19 00-0589	EA	14-1/8" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	143.39	6.90
22 07 19 00-0590	EA	15-1/8" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	152.88	7.12
22 07 19 00-0591	EA	16-1/8" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	164.71	7.23
22 07 19 00-0592	EA	17-1/8" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	180.06	7.35
22 07 19 00-0593	EA	18-1/8" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	224.23	7.47
22 07 19 00-0594	EA	19-1/8" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	294.22	7.59
22 07 19 00-0595	EA	20-1/8" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	369.98	7.72
22 07 19 00-0596	EA	1-3/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	16.53	3.37
22 07 19 00-0597	EA	2" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	17.78	3.50
22 07 19 00-0598	EA	2-1/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	18.44	3.55
22 07 19 00-0599	EA	2-1/2"ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	19.10	3.62
22 07 19 00-0600	EA	2-3/4"ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	19.84	3.71
22 07 19 00-0601	EA	3" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	20.50	3.80
22 07 19 00-0602	EA	3-3/8" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	21.74	3.93
22 07 19 00-0603	EA	3-3/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	22.87	4.03
22 07 19 00-0604	EA	4-1/8" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	25.08	4.14
22 07 19 00-0605	EA	4-3/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	27.63	4.34
22 07 19 00-0606	EA	5-1/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	30.23	4.55
22 07 19 00-0607	EA	5-3/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	34.99	4.79
22 07 19 00-0608	EA	6-1/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	46.62	5.07
22 07 19 00-0609	EA	6-3/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	48.71	5.24
22 07 19 00-0610	EA	7-1/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	56.22	5.36
22 07 19 00-0611	EA	7-3/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	58.44	5.49
22 07 19 00-0612	EA	8-3/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	69.72	5.70

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0613	EA	9-3/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	86.36	5.92
22 07 19 00-0614	EA	10-7/8" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	94.56	6.15
22 07 19 00-0615	EA	11-7/8" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	102.80	6.41
22 07 19 00-0616	EA	12-7/8" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	112.89	6.70
22 07 19 00-0617	EA	14-1/8" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	125.97	6.90
22 07 19 00-0618	EA	15-1/8" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	134.03	7.12
22 07 19 00-0619	EA	16-1/8" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	149.45	7.23
22 07 19 00-0620	EA	17-1/8" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	165.13	7.35
22 07 19 00-0621	EA	18-1/8" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	195.75	7.47
22 07 19 00-0622	EA	19-1/8" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	256.62	7.59
22 07 19 00-0623	EA	20-1/8" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	287.15	7.72
22 07 19 00-0624	EA	1-3/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	24.73	4.74
22 07 19 00-0625	EA	2" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	25.90	4.84
22 07 19 00-0626	EA	2-1/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	27.11	5.00
22 07 19 00-0627	EA	2-1/2"ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	28.44	5.18
22 07 19 00-0628	EA	2-3/4"ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	29.95	5.36
22 07 19 00-0629	EA	3" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	31.45	5.56
22 07 19 00-0630	EA	3-3/8" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	33.69	5.77
22 07 19 00-0631	EA	3-3/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	36.03	5.99
22 07 19 00-0632	EA	4-1/8" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	39.23	6.24
22 07 19 00-0633	EA	4-3/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	43.78	6.51
22 07 19 00-0634	EA	5-1/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	48.54	6.80
22 07 19 00-0635	EA	5-3/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	57.28	7.23
22 07 19 00-0636	EA	6-1/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	67.64	7.59
22 07 19 00-0637	EA	6-3/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	76.99	7.72
22 07 19 00-0638	EA	7-1/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	106.50	8.00
22 07 19 00-0639	EA	7-3/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	115.46	8.44
22 07 19 00-0640	EA	8-3/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	134.45	8.76
22 07 19 00-0641	EA	9-3/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	153.66	9.11
22 07 19 00-0642	EA	10-7/8" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	156.56	9.50
22 07 19 00-0643	EA	11-7/8" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	170.53	9.70
22 07 19 00-0644	EA	12-7/8" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	184.54	9.91
22 07 19 00-0645	EA	14-1/8" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	198.68	10.12
22 07 19 00-0646	EA	15-1/8" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	212.71	10.35
22 07 19 00-0647	EA	16-1/8" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	226.88	10.59
22 07 19 00-0648	EA	17-1/8" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	240.94	10.85
22 07 19 00-0649	EA	18-1/8" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	261.91	11.11
22 07 19 00-0650	EA	19-1/8" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	282.81	11.39
22 07 19 00-0651	EA	20-1/8" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	308.14	11.68
22 07 19 00-0652	EA	3/4" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	37.07	3.25
22 07 19 00-0653	EA	1" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	37.07	3.25
22 07 19 00-0654	EA	1-1/4" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	43.96	3.37
22 07 19 00-0655	EA	1-1/2" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	43.96	3.37
22 07 19 00-0656	EA	2"ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	62.07	3.50
22 07 19 00-0657	EA	2-1/2"ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	67.94	3.65
22 07 19 00-0658	EA	3" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	74.96	3.80
22 07 19 00-0659	EA	3-1/2" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	85.02	3.96
22 07 19 00-0660	EA	4" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	93.65	4.14
22 07 19 00-0661	EA	5" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	114.05	4.55
22 07 19 00-0662	EA	6" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	161.79	5.07
22 07 19 00-0663	EA	8" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	176.93	5.70
22 07 19 00-0664	EA	10" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	221.52	6.07
22 07 19 00-0665	EA	12" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	310.44	6.70
22 07 19 00-0666	EA	14" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	312.18	7.01
22 07 19 00-0667	EA	16" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	415.35	7.23
22 07 19 00-0668	EA	18" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	561.34	7.47
22 07 19 00-0669	EA	3/4" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	34.42	3.25
22 07 19 00-0670	EA	1" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	34.42	3.25
22 07 19 00-0671	EA	1-1/4" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	40.75	3.37
22 07 19 00-0672	EA	1-1/2" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	40.75	3.37
22 07 19 00-0673	EA	2"ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	56.82	3.50
22 07 19 00-0674	EA	2-1/2"ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	62.08	3.65
22 07 19 00-0675	EA	3" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	68.55	3.80
22 07 19 00-0676	EA	3-1/2" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	72.14	3.96
22 07 19 00-0677	EA	4" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	85.13	4.14
22 07 19 00-0678	EA	5" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	103.49	4.55
22 07 19 00-0679	EA	6" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	146.26	5.07
22 07 19 00-0680	EA	8" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	159.90	5.70
22 07 19 00-0681	EA	10" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	199.85	6.07
22 07 19 00-0682	EA	12" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	279.42	6.70
22 07 19 00-0683	EA	14" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	356.63	7.01
22 07 19 00-0684	EA	16" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	427.02	7.23
22 07 19 00-0685	EA	18" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	499.74	7.47
22 07 19 00-0686	EA	3/4" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	50.95	4.89
22 07 19 00-0687	EA	1" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	50.95	4.89
22 07 19 00-0688	EA	1-1/4" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	59.84	5.07
22 07 19 00-0689	EA	1-1/2" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	59.84	5.07
22 07 19 00-0690	EA	2"ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	83.37	5.24
22 07 19 00-0691	EA	2-1/2"ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	91.14	5.43
22 07 19 00-0692	EA	3" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	100.46	5.70
22 07 19 00-0693	EA	3-1/2" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	105.99	5.92

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0694	EA	4" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	125.48	6.24
22 07 19 00-0695	EA	5" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	137.95	6.80
22 07 19 00-0696	EA	6" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	194.20	7.59
22 07 19 00-0697	EA	8" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	211.33	8.44
22 07 19 00-0698	EA	10" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	292.88	9.11
22 07 19 00-0699	EA	12" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	408.25	9.91
22 07 19 00-0700	EA	14" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	487.63	10.59
22 07 19 00-0701	EA	16" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	577.50	10.85
22 07 19 00-0702	EA	18" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	632.86	11.11

22 07 19 00-0703 Insulation Foam Rubber *(22 07 19)*

22 07 19 00-0704 Covering 4x6 Sheet *(22 07 19 00-0703)*

22 07 19 00-0705	SF	1" Thick Foam Rubber Sheet Insulation	23.91	8.09

22 07 19 00-0706 Fiberglass (Glass Fiber) Pipe Insulation *(22 07 19)*

Note: Includes factory applied All Service Jacket (ASJ), Self Sealing Lap (SSL) longitudinal seam, butt strip seals, and adhesive. Excludes insulation for fittings (a location requiring purchase of an insulation fitting or cutting and fitting straight sections, excludes couplings, plugs, etc.). For fittings/valves up to 3" add 2 LF for each fitting/valve or 3 LF for each flanged/grooved joint. For fittings/valves >3" add 3 LF for each fitting/valve or 4 LF for each flanged/grooved joint.

22 07 19 00-0707 1/2" Thick Fiberglass Pipe Insulation *(22 07 19 00-0706)*

22 07 19 00-0708	LF	1/2" Diameter Pipe, 1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	8.72	2.51
		For Single Layer Of Felt Finish, Add	*0.20*	
		For Work In Restricted Working Space, Add	*2.03*	
22 07 19 00-0709	LF	3/4" Diameter Pipe, 1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	8.93	2.51
		For Single Layer Of Felt Finish, Add	*0.23*	
		For Work In Restricted Working Space, Add	*2.03*	
22 07 19 00-0710	LF	1" Diameter Pipe, 1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	9.50	2.62
		For Single Layer Of Felt Finish, Add	*0.24*	
		For Work In Restricted Working Space, Add	*2.16*	
22 07 19 00-0711	LF	1-1/4" Diameter Pipe, 1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	9.85	2.73
		For Single Layer Of Felt Finish, Add	*0.27*	
		For Work In Restricted Working Space, Add	*2.20*	
22 07 19 00-0712	LF	1-1/2" Diameter Pipe, 1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	10.15	2.73
		For Single Layer Of Felt Finish, Add	*0.28*	
		For Work In Restricted Working Space, Add	*2.24*	
22 07 19 00-0713	LF	2" Diameter Pipe, 1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	10.75	2.85
		For Single Layer Of Felt Finish, Add	*0.30*	
		For Work In Restricted Working Space, Add	*2.36*	
22 07 19 00-0714	LF	2-1/2" Diameter Pipe, 1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	11.31	2.96
		For Single Layer Of Felt Finish, Add	*0.35*	
		For Work In Restricted Working Space, Add	*2.40*	
22 07 19 00-0715	LF	3" Diameter Pipe, 1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	11.97	3.07
		For Single Layer Of Felt Finish, Add	*0.39*	
		For Work In Restricted Working Space, Add	*2.48*	
22 07 19 00-0716	LF	4" Diameter Pipe, 1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	13.68	3.30
		For Single Layer Of Felt Finish, Add	*0.50*	
		For Work In Restricted Working Space, Add	*2.69*	
22 07 19 00-0717	LF	6" Diameter Pipe, 1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	16.18	3.88
		For Single Layer Of Felt Finish, Add	*0.60*	
		For Work In Restricted Working Space, Add	*3.13*	

22 07 19 00-0718 1" Thick Fiberglass Pipe Insulation *(22 07 19 00-0706)*

22 07 19 00-0719	LF	1/2" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	11.67	3.41
		For Single Layer Of Felt Finish, Add	*0.24*	
		For Work In Restricted Working Space, Add	*2.81*	
22 07 19 00-0720	LF	3/4" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	12.00	3.41
		For Single Layer Of Felt Finish, Add	*0.28*	
		For Work In Restricted Working Space, Add	*2.81*	
22 07 19 00-0721	LF	1" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	12.19	3.41
		For Single Layer Of Felt Finish, Add	*0.28*	
		For Work In Restricted Working Space, Add	*2.85*	
22 07 19 00-0722	LF	1-1/4" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	12.67	3.53
		For Single Layer Of Felt Finish, Add	*0.32*	
		For Work In Restricted Working Space, Add	*2.89*	
22 07 19 00-0723	LF	1-1/2" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	13.03	3.53
		For Single Layer Of Felt Finish, Add	*0.34*	
		For Work In Restricted Working Space, Add	*2.93*	
22 07 19 00-0724	LF	2" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	13.60	3.65
		For Single Layer Of Felt Finish, Add	*0.37*	
		For Work In Restricted Working Space, Add	*3.01*	
22 07 19 00-0725	LF	2-1/2" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	14.38	3.88
		For Single Layer Of Felt Finish, Add	*0.41*	
		For Work In Restricted Working Space, Add	*3.13*	
22 07 19 00-0726	LF	3" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	15.16	3.99
		For Single Layer Of Felt Finish, Add	*0.47*	
		For Work In Restricted Working Space, Add	*3.21*	
22 07 19 00-0727	LF	4" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	17.26	4.21
		For Single Layer Of Felt Finish, Add	*0.60*	
		For Work In Restricted Working Space, Add	*3.46*	

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22 07 19 00-0728	LF	6" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	20.02	4.89
		For Single Layer Of Felt Finish, Add	*0.74*	
		For Work In Restricted Working Space, Add	*3.90*	
22 07 19 00-0729	LF	8" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	24.94	5.47
		For Single Layer Of Felt Finish, Add	*1.05*	
		For Work In Restricted Working Space, Add	*4.47*	
22 07 19 00-0730	LF	10" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	29.32	6.50
		For Single Layer Of Felt Finish, Add	*1.23*	
		For Work In Restricted Working Space, Add	*5.29*	
22 07 19 00-0731	LF	12" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	33.63	7.40
		For Single Layer Of Felt Finish, Add	*1.40*	
		For Work In Restricted Working Space, Add	*6.10*	
22 07 19 00-0732	LF	14" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	36.45	8.09
		For Single Layer Of Felt Finish, Add	*1.62*	
		For Work In Restricted Working Space, Add	*6.32*	

22 07 19 00-0733 1-1/2" Thick Fiberglass Pipe Insulation *(22 07 19 00-0706)*

22 07 19 00-0734	LF	1/2" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	14.43	3.51
		For Single Layer Of Felt Finish, Add	*0.49*	
		For Work In Restricted Working Space, Add	*2.93*	
22 07 19 00-0735	LF	3/4" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	14.64	3.51
		For Single Layer Of Felt Finish, Add	*0.51*	
		For Work In Restricted Working Space, Add	*2.93*	
22 07 19 00-0736	LF	1" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	15.47	3.73
		For Single Layer Of Felt Finish, Add	*0.54*	
		For Work In Restricted Working Space, Add	*3.10*	
22 07 19 00-0737	LF	1-1/4" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	16.05	3.81
		For Single Layer Of Felt Finish, Add	*0.58*	
		For Work In Restricted Working Space, Add	*3.16*	
22 07 19 00-0738	LF	1-1/2" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	16.54	3.88
		For Single Layer Of Felt Finish, Add	*0.61*	
		For Work In Restricted Working Space, Add	*3.21*	
22 07 19 00-0739	LF	2" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	17.66	4.08
		For Single Layer Of Felt Finish, Add	*0.67*	
		For Work In Restricted Working Space, Add	*3.39*	
22 07 19 00-0740	LF	2-1/2" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	18.49	4.15
		For Single Layer Of Felt Finish, Add	*0.73*	
		For Work In Restricted Working Space, Add	*3.45*	
22 07 19 00-0741	LF	3" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	19.09	4.29
		For Single Layer Of Felt Finish, Add	*0.76*	
		For Work In Restricted Working Space, Add	*3.57*	
22 07 19 00-0742	LF	4" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	21.11	4.64
		For Single Layer Of Felt Finish, Add	*0.87*	
		For Work In Restricted Working Space, Add	*3.86*	
22 07 19 00-0743	LF	6" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	24.43	5.42
		For Single Layer Of Felt Finish, Add	*0.99*	
		For Work In Restricted Working Space, Add	*4.50*	
22 07 19 00-0744	LF	8" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	27.63	5.72
		For Single Layer Of Felt Finish, Add	*1.24*	
		For Work In Restricted Working Space, Add	*4.75*	
22 07 19 00-0745	LF	10" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	33.83	6.85
		For Single Layer Of Felt Finish, Add	*1.56*	
		For Work In Restricted Working Space, Add	*5.69*	
22 07 19 00-0746	LF	12" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	38.27	7.98
		For Single Layer Of Felt Finish, Add	*1.70*	
		For Work In Restricted Working Space, Add	*6.62*	
22 07 19 00-0747	LF	14" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	42.94	8.73
		For Single Layer Of Felt Finish, Add	*1.97*	
		For Work In Restricted Working Space, Add	*7.26*	

22 07 19 00-0748 2" Thick Fiberglass Pipe Insulation *(22 07 19 00-0706)*

22 07 19 00-0749	LF	1/2" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	18.05	3.88
		For Single Layer Of Felt Finish, Add	*0.77*	
		For Work In Restricted Working Space, Add	*3.21*	
22 07 19 00-0750	LF	3/4" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	18.30	3.88
		For Single Layer Of Felt Finish, Add	*0.80*	
		For Work In Restricted Working Space, Add	*3.21*	
22 07 19 00-0751	LF	1" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	18.96	3.99
		For Single Layer Of Felt Finish, Add	*0.85*	
		For Work In Restricted Working Space, Add	*3.26*	
22 07 19 00-0752	LF	1-1/4" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	19.56	3.99
		For Single Layer Of Felt Finish, Add	*0.90*	
		For Work In Restricted Working Space, Add	*3.30*	
22 07 19 00-0753	LF	1-1/2" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	20.18	4.10
		For Single Layer Of Felt Finish, Add	*0.95*	
		For Work In Restricted Working Space, Add	*3.34*	
22 07 19 00-0754	LF	2" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	20.94	4.21
		For Single Layer Of Felt Finish, Add	*0.99*	
		For Work In Restricted Working Space, Add	*3.46*	
22 07 19 00-0755	LF	2-1/2" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	22.05	4.33
		For Single Layer Of Felt Finish, Add	*1.06*	
		For Work In Restricted Working Space, Add	*3.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0756	LF	3" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	23.25	4.55
		For Single Layer Of Felt Finish, Add	*1.15*	
		For Work In Restricted Working Space, Add	*3.70*	
22 07 19 00-0757	LF	4" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	25.52	4.78
		For Single Layer Of Felt Finish, Add	*1.31*	
		For Work In Restricted Working Space, Add	*3.91*	
22 07 19 00-0758	LF	6" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	30.14	5.62
		For Single Layer Of Felt Finish, Add	*1.52*	
		For Work In Restricted Working Space, Add	*4.69*	
22 07 19 00-0759	LF	8" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	34.43	5.93
		For Single Layer Of Felt Finish, Add	*1.88*	
		For Work In Restricted Working Space, Add	*4.94*	
22 07 19 00-0760	LF	10" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	41.20	7.10
		For Single Layer Of Felt Finish, Add	*2.25*	
		For Work In Restricted Working Space, Add	*5.92*	
22 07 19 00-0761	LF	12" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	47.20	8.51
		For Single Layer Of Felt Finish, Add	*2.48*	
		For Work In Restricted Working Space, Add	*7.09*	
22 07 19 00-0762	LF	14" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	59.62	9.28
		For Single Layer Of Felt Finish, Add	*2.80*	
		For Work In Restricted Working Space, Add	*9.89*	
22 07 19 00-0763	LF	16" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	63.32	10.88
		For Single Layer Of Felt Finish, Add	*3.19*	
		For Work In Restricted Working Space, Add	*9.89*	
22 07 19 00-0764	LF	18" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	70.68	11.42
		For Single Layer Of Felt Finish, Add	*3.79*	
		For Work In Restricted Working Space, Add	*10.38*	
22 07 19 00-0765	LF	20" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	80.04	13.05
		For Single Layer Of Felt Finish, Add	*4.25*	
		For Work In Restricted Working Space, Add	*11.87*	
22 07 19 00-0766	LF	24" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	92.67	15.77
		For Single Layer Of Felt Finish, Add	*4.71*	
		For Work In Restricted Working Space, Add	*14.34*	

22 07 19 00-0767 2-1/2" Thick Fiberglass Pipe Insulation *(22 07 19 00-0706)*

22 07 19 00-0768	LF	1/2" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	22.57	4.55
		For Single Layer Of Felt Finish, Add	*1.07*	
		For Work In Restricted Working Space, Add	*3.71*	
22 07 19 00-0769	LF	3/4" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	22.92	4.55
		For Single Layer Of Felt Finish, Add	*1.11*	
		For Work In Restricted Working Space, Add	*3.71*	
22 07 19 00-0770	LF	1" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	23.88	4.55
		For Single Layer Of Felt Finish, Add	*1.19*	
		For Work In Restricted Working Space, Add	*3.77*	
22 07 19 00-0771	LF	1-1/4" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	24.61	4.67
		For Single Layer Of Felt Finish, Add	*1.26*	
		For Work In Restricted Working Space, Add	*3.80*	
22 07 19 00-0772	LF	1-1/2" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	25.36	4.67
		For Single Layer Of Felt Finish, Add	*1.33*	
		For Work In Restricted Working Space, Add	*3.82*	
22 07 19 00-0773	LF	2" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	26.41	4.89
		For Single Layer Of Felt Finish, Add	*1.38*	
		For Work In Restricted Working Space, Add	*3.98*	
22 07 19 00-0774	LF	2-1/2" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	27.96	5.01
		For Single Layer Of Felt Finish, Add	*1.49*	
		For Work In Restricted Working Space, Add	*4.12*	
22 07 19 00-0775	LF	3" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	29.35	5.24
		For Single Layer Of Felt Finish, Add	*1.59*	
		For Work In Restricted Working Space, Add	*4.26*	
22 07 19 00-0776	LF	4" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	32.60	5.47
		For Single Layer Of Felt Finish, Add	*1.85*	
		For Work In Restricted Working Space, Add	*4.49*	
22 07 19 00-0777	LF	6" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	37.41	5.81
		For Single Layer Of Felt Finish, Add	*2.14*	
		For Work In Restricted Working Space, Add	*5.11*	
22 07 19 00-0778	LF	8" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	50.69	6.95
		For Single Layer Of Felt Finish, Add	*3.33*	
		For Work In Restricted Working Space, Add	*5.69*	
22 07 19 00-0779	LF	10" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	60.69	7.98
		For Single Layer Of Felt Finish, Add	*4.07*	
		For Work In Restricted Working Space, Add	*6.57*	
22 07 19 00-0780	LF	12" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	68.53	9.91
		For Single Layer Of Felt Finish, Add	*4.34*	
		For Work In Restricted Working Space, Add	*8.16*	
22 07 19 00-0781	LF	14" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	77.70	10.94
		For Single Layer Of Felt Finish, Add	*5.04*	
		For Work In Restricted Working Space, Add	*8.91*	
22 07 19 00-0782	LF	16" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	90.85	13.90
		For Single Layer Of Felt Finish, Add	*5.55*	
		For Work In Restricted Working Space, Add	*11.39*	
22 07 19 00-0783	LF	18" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	97.89	14.58
		For Single Layer Of Felt Finish, Add	*6.09*	
		For Work In Restricted Working Space, Add	*11.96*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0784	LF	20" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	111.03	16.63
		For Single Layer Of Felt Finish, Add	*6.87*	
		For Work In Restricted Working Space, Add	*13.67*	
22 07 19 00-0785	LF	24" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	130.30	20.09
		For Single Layer Of Felt Finish, Add	*7.90*	
		For Work In Restricted Working Space, Add	*16.51*	

22 07 19 00-0786 3" Thick Fiberglass Pipe Insulation *(22 07 19 00-0706)*

22 07 19 00-0787	LF	1/2" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	24.87	5.04
		For Single Layer Of Felt Finish, Add	*1.18*	
		For Work In Restricted Working Space, Add	*4.10*	
22 07 19 00-0788	LF	3/4" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	25.25	5.04
		For Single Layer Of Felt Finish, Add	*1.22*	
		For Work In Restricted Working Space, Add	*4.10*	
22 07 19 00-0789	LF	1" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	26.25	5.08
		For Single Layer Of Felt Finish, Add	*1.31*	
		For Work In Restricted Working Space, Add	*4.15*	
22 07 19 00-0790	LF	1-1/4" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	27.03	5.12
		For Single Layer Of Felt Finish, Add	*1.38*	
		For Work In Restricted Working Space, Add	*4.17*	
22 07 19 00-0791	LF	1-1/2" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	27.91	5.17
		For Single Layer Of Felt Finish, Add	*1.45*	
		For Work In Restricted Working Space, Add	*4.22*	
22 07 19 00-0792	LF	2" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	29.01	5.37
		For Single Layer Of Felt Finish, Add	*1.52*	
		For Work In Restricted Working Space, Add	*4.37*	
22 07 19 00-0793	LF	2-1/2" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	30.69	5.55
		For Single Layer Of Felt Finish, Add	*1.64*	
		For Work In Restricted Working Space, Add	*4.52*	
22 07 19 00-0794	LF	3" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	32.23	5.75
		For Single Layer Of Felt Finish, Add	*1.74*	
		For Work In Restricted Working Space, Add	*4.69*	
22 07 19 00-0795	LF	4" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	35.82	6.07
		For Single Layer Of Felt Finish, Add	*2.03*	
		For Work In Restricted Working Space, Add	*4.95*	
22 07 19 00-0796	LF	6" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	41.09	6.89
		For Single Layer Of Felt Finish, Add	*2.35*	
		For Work In Restricted Working Space, Add	*5.62*	
22 07 19 00-0797	LF	8" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	55.66	7.67
		For Single Layer Of Felt Finish, Add	*3.65*	
		For Work In Restricted Working Space, Add	*6.26*	
22 07 19 00-0798	LF	10" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	66.67	8.86
		For Single Layer Of Felt Finish, Add	*4.47*	
		For Work In Restricted Working Space, Add	*7.22*	
22 07 19 00-0799	LF	12" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	75.28	11.02
		For Single Layer Of Felt Finish, Add	*4.76*	
		For Work In Restricted Working Space, Add	*8.98*	
22 07 19 00-0800	LF	14" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	85.35	12.02
		For Single Layer Of Felt Finish, Add	*5.53*	
		For Work In Restricted Working Space, Add	*9.80*	
22 07 19 00-0801	LF	16" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	99.79	15.37
		For Single Layer Of Felt Finish, Add	*6.09*	
		For Work In Restricted Working Space, Add	*12.53*	
22 07 19 00-0802	LF	18" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	107.53	16.14
		For Single Layer Of Felt Finish, Add	*6.69*	
		For Work In Restricted Working Space, Add	*13.15*	
22 07 19 00-0803	LF	20" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	121.99	18.45
		For Single Layer Of Felt Finish, Add	*7.54*	
		For Work In Restricted Working Space, Add	*15.04*	
22 07 19 00-0804	LF	24" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	143.16	22.27
		For Single Layer Of Felt Finish, Add	*8.67*	
		For Work In Restricted Working Space, Add	*18.17*	

22 07 19 00-0805 3-1/2" Thick Fiberglass Pipe Insulation *(22 07 19 00-0706)*

22 07 19 00-0806	LF	1/2" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	26.77	5.47
		For Single Layer Of Felt Finish, Add	*1.24*	
		For Work In Restricted Working Space, Add	*4.49*	
22 07 19 00-0807	LF	3/4" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	27.21	5.47
		For Single Layer Of Felt Finish, Add	*1.28*	
		For Work In Restricted Working Space, Add	*4.49*	
22 07 19 00-0808	LF	1" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	28.67	5.47
		For Single Layer Of Felt Finish, Add	*1.43*	
		For Work In Restricted Working Space, Add	*4.52*	
22 07 19 00-0809	LF	1-1/4" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	29.51	5.58
		For Single Layer Of Felt Finish, Add	*1.50*	
		For Work In Restricted Working Space, Add	*4.55*	
22 07 19 00-0810	LF	1-1/2" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	30.51	5.58
		For Single Layer Of Felt Finish, Add	*1.59*	
		For Work In Restricted Working Space, Add	*4.61*	
22 07 19 00-0811	LF	2" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	31.65	5.81
		For Single Layer Of Felt Finish, Add	*1.66*	
		For Work In Restricted Working Space, Add	*4.76*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0812	LF	2-1/2" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	33.50	6.03
		For Single Layer Of Felt Finish, Add	*1.79*	
		For Work In Restricted Working Space, Add	*4.93*	
22 07 19 00-0813	LF	3" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	35.07	6.26
		For Single Layer Of Felt Finish, Add	*1.89*	
		For Work In Restricted Working Space, Add	*5.11*	
22 07 19 00-0814	LF	4" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	39.15	6.61
		For Single Layer Of Felt Finish, Add	*2.22*	
		For Work In Restricted Working Space, Add	*5.40*	
22 07 19 00-0815	LF	6" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	44.87	7.51
		For Single Layer Of Felt Finish, Add	*2.57*	
		For Work In Restricted Working Space, Add	*6.13*	
22 07 19 00-0816	LF	8" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	60.79	8.32
		For Single Layer Of Felt Finish, Add	*3.99*	
		For Work In Restricted Working Space, Add	*6.83*	
22 07 19 00-0817	LF	10" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	72.83	9.57
		For Single Layer Of Felt Finish, Add	*4.89*	
		For Work In Restricted Working Space, Add	*7.88*	
22 07 19 00-0818	LF	12" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	82.22	11.96
		For Single Layer Of Felt Finish, Add	*5.20*	
		For Work In Restricted Working Space, Add	*9.80*	
22 07 19 00-0819	LF	14" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	93.26	13.10
		For Single Layer Of Felt Finish, Add	*6.05*	
		For Work In Restricted Working Space, Add	*10.70*	
22 07 19 00-0820	LF	16" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	109.04	16.63
		For Single Layer Of Felt Finish, Add	*6.67*	
		For Work In Restricted Working Space, Add	*13.67*	
22 07 19 00-0821	LF	18" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	117.46	17.54
		For Single Layer Of Felt Finish, Add	*7.31*	
		For Work In Restricted Working Space, Add	*14.35*	
22 07 19 00-0822	LF	20" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	133.29	20.05
		For Single Layer Of Felt Finish, Add	*8.25*	
		For Work In Restricted Working Space, Add	*16.41*	
22 07 19 00-0823	LF	24" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	156.39	24.15
		For Single Layer Of Felt Finish, Add	*9.48*	
		For Work In Restricted Working Space, Add	*19.82*	

22 07 19 00-0824 4" Thick Fiberglass Pipe Insulation *(22 07 19 00-0706)*

22 07 19 00-0825	LF	1/2" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	30.41	6.15
		For Single Layer Of Felt Finish, Add	*1.45*	
		For Work In Restricted Working Space, Add	*4.99*	
22 07 19 00-0826	LF	3/4" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	30.90	6.15
		For Single Layer Of Felt Finish, Add	*1.50*	
		For Work In Restricted Working Space, Add	*4.99*	
22 07 19 00-0827	LF	1" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	32.21	6.15
		For Single Layer Of Felt Finish, Add	*1.60*	
		For Work In Restricted Working Space, Add	*5.08*	
22 07 19 00-0828	LF	1-1/4" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	33.27	6.26
		For Single Layer Of Felt Finish, Add	*1.70*	
		For Work In Restricted Working Space, Add	*5.14*	
22 07 19 00-0829	LF	1-1/2" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	34.68	6.50
		For Single Layer Of Felt Finish, Add	*1.79*	
		For Work In Restricted Working Space, Add	*5.30*	
22 07 19 00-0830	LF	2" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	35.97	6.72
		For Single Layer Of Felt Finish, Add	*1.86*	
		For Work In Restricted Working Space, Add	*5.46*	
22 07 19 00-0831	LF	2-1/2" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	37.68	6.72
		For Single Layer Of Felt Finish, Add	*2.01*	
		For Work In Restricted Working Space, Add	*5.55*	
22 07 19 00-0832	LF	3" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	39.62	7.06
		For Single Layer Of Felt Finish, Add	*2.15*	
		For Work In Restricted Working Space, Add	*5.75*	
22 07 19 00-0833	LF	4" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	44.00	7.40
		For Single Layer Of Felt Finish, Add	*2.50*	
		For Work In Restricted Working Space, Add	*6.07*	
22 07 19 00-0834	LF	6" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	50.47	8.43
		For Single Layer Of Felt Finish, Add	*2.89*	
		For Work In Restricted Working Space, Add	*6.89*	
22 07 19 00-0835	LF	8" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	68.40	9.11
		For Single Layer Of Felt Finish, Add	*4.49*	
		For Work In Restricted Working Space, Add	*7.68*	
22 07 19 00-0836	LF	10" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	81.94	10.82
		For Single Layer Of Felt Finish, Add	*5.50*	
		For Work In Restricted Working Space, Add	*8.87*	
22 07 19 00-0837	LF	12" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	92.53	13.44
		For Single Layer Of Felt Finish, Add	*5.86*	
		For Work In Restricted Working Space, Add	*11.02*	
22 07 19 00-0838	LF	14" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	104.94	14.69
		For Single Layer Of Felt Finish, Add	*6.81*	
		For Work In Restricted Working Space, Add	*12.04*	
22 07 19 00-0839	LF	16" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	122.72	18.79
		For Single Layer Of Felt Finish, Add	*7.50*	
		For Work In Restricted Working Space, Add	*15.39*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0840	LF	18" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	132.10	19.71
		For Single Layer Of Felt Finish, Add	*8.23*	
		For Work In Restricted Working Space, Add	*16.13*	
22 07 19 00-0841	LF	20" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	147.90	22.55
		For Single Layer Of Felt Finish, Add	*9.07*	
		For Work In Restricted Working Space, Add	*18.46*	
22 07 19 00-0842	LF	24" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	175.96	27.22
		For Single Layer Of Felt Finish, Add	*10.67*	
		For Work In Restricted Working Space, Add	*22.30*	

22 07 19 00-0843 Foamglas (Cellular Glass) Pipe Insulation, Rigid, Closed Cell *(22 07 19)*

Note: Includes adhesive. Excludes fittings (a location requiring purchase of an insulation fitting or cutting and fitting straight sections, excludes couplings, plugs, etc.). For fittings/valves up to 3" add 2 LF for each fitting/valve or 3 LF for each flanged/grooved joint. For fittings/valves >3" add 3 LF for each fitting/valve or 4 LF for each flanged/grooved joint.

22 07 19 00-0844 1" Thick Foamglas Pipe Insulation *(22 07 19 00-0843)*

22 07 19 00-0845	LF	1/2" Diameter Pipe, 1" Thick Foamglas Insulation	19.90	5.56
		For Work In Restricted Working Space, Add	*5.05*	
22 07 19 00-0846	LF	3/4" Diameter Pipe, 1" Thick Foamglas Insulation	20.68	5.56
		For Work In Restricted Working Space, Add	*5.05*	
22 07 19 00-0847	LF	1" Diameter Pipe, 1" Thick Foamglas Insulation	21.70	5.64
		For Work In Restricted Working Space, Add	*5.12*	
22 07 19 00-0848	LF	1-1/4" Diameter Pipe, 1" Thick Foamglas Insulation	22.21	5.72
		For Work In Restricted Working Space, Add	*5.20*	
22 07 19 00-0849	LF	1-1/2" Diameter Pipe, 1" Thick Foamglas Insulation	22.98	5.80
		For Work In Restricted Working Space, Add	*5.27*	
22 07 19 00-0850	LF	2" Diameter Pipe, 1" Thick Foamglas Insulation	24.47	5.96
		For Work In Restricted Working Space, Add	*5.42*	
22 07 19 00-0851	LF	2-1/2" Diameter Pipe, 1" Thick Foamglas Insulation	26.31	6.20
		For Work In Restricted Working Space, Add	*5.64*	
22 07 19 00-0852	LF	3" Diameter Pipe, 1" Thick Foamglas Insulation	28.32	6.36
		For Work In Restricted Working Space, Add	*5.79*	
22 07 19 00-0853	LF	4" Diameter Pipe, 1" Thick Foamglas Insulation	32.66	6.85
		For Work In Restricted Working Space, Add	*6.23*	
22 07 19 00-0854	LF	6" Diameter Pipe, 1" Thick Foamglas Insulation	41.41	7.72
		For Work In Restricted Working Space, Add	*7.02*	

22 07 19 00-0855 1-1/2" Thick Foamglas Pipe Insulation *(22 07 19 00-0843)*

22 07 19 00-0856	LF	1/2" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	23.48	6.16
		For Work In Restricted Working Space, Add	*5.42*	
22 07 19 00-0857	LF	3/4" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	23.97	6.16
		For Work In Restricted Working Space, Add	*5.42*	
22 07 19 00-0858	LF	1" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	24.71	6.24
		For Work In Restricted Working Space, Add	*5.49*	
22 07 19 00-0859	LF	1-1/4" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	25.29	6.32
		For Work In Restricted Working Space, Add	*5.56*	
22 07 19 00-0860	LF	1-1/2" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	25.85	6.40
		For Work In Restricted Working Space, Add	*5.64*	
22 07 19 00-0861	LF	2" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	27.98	6.62
		For Work In Restricted Working Space, Add	*5.82*	
22 07 19 00-0862	LF	2-1/2" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	31.60	6.87
		For Work In Restricted Working Space, Add	*6.05*	
22 07 19 00-0863	LF	3" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	34.81	7.07
		For Work In Restricted Working Space, Add	*6.23*	
22 07 19 00-0864	LF	4" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	39.36	7.53
		For Work In Restricted Working Space, Add	*6.63*	
22 07 19 00-0865	LF	6" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	46.30	8.53
		For Work In Restricted Working Space, Add	*7.50*	
22 07 19 00-0866	LF	8" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	51.78	9.51
		For Work In Restricted Working Space, Add	*8.37*	
22 07 19 00-0867	LF	10" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	62.74	10.97
		For Work In Restricted Working Space, Add	*9.65*	
22 07 19 00-0868	LF	12" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	74.53	13.63
		For Work In Restricted Working Space, Add	*11.99*	
22 07 19 00-0869	LF	14" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	82.77	14.34
		For Work In Restricted Working Space, Add	*13.03*	
22 07 19 00-0870	LF	16" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	91.14	16.01
		For Work In Restricted Working Space, Add	*14.56*	
22 07 19 00-0871	LF	18" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	103.40	18.94
		For Work In Restricted Working Space, Add	*17.22*	
22 07 19 00-0872	LF	20" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	115.49	20.97
		For Work In Restricted Working Space, Add	*19.07*	
22 07 19 00-0873	LF	24" Diameter Pipe, 1-1/2" Thick Fiberglass Insulation	143.81	23.23
		For Work In Restricted Working Space, Add	*21.12*	

22 07 19 00-0874 2" Thick Foamglas Pipe Insulation *(22 07 19 00-0843)*

22 07 19 00-0875	LF	1/2" Diameter Pipe, 2" Thick Foamglas Insulation	26.35	6.36
		For Work In Restricted Working Space, Add	*5.79*	
22 07 19 00-0876	LF	3/4" Diameter Pipe, 2" Thick Foamglas Insulation	27.11	6.36
		For Work In Restricted Working Space, Add	*5.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0877	LF	1" Diameter Pipe, 2" Thick Foamglas Insulation	28.10	6.43
		For Work In Restricted Working Space, Add	*5.86*	
22 07 19 00-0878	LF	1-1/4" Diameter Pipe, 2" Thick Foamglas Insulation	29.54	6.53
		For Work In Restricted Working Space, Add	*5.93*	
22 07 19 00-0879	LF	1-1/2" Diameter Pipe, 2" Thick Foamglas Insulation	31.00	6.61
		For Work In Restricted Working Space, Add	*6.00*	
22 07 19 00-0880	LF	2" Diameter Pipe, 2" Thick Foamglas Insulation	34.59	6.85
		For Work In Restricted Working Space, Add	*6.23*	
22 07 19 00-0881	LF	2-1/2" Diameter Pipe, 2" Thick Foamglas Insulation	36.26	7.10
		For Work In Restricted Working Space, Add	*6.44*	
22 07 19 00-0882	LF	3" Diameter Pipe, 2" Thick Foamglas Insulation	38.87	7.32
		For Work In Restricted Working Space, Add	*6.66*	
22 07 19 00-0883	LF	4" Diameter Pipe, 2" Thick Foamglas Insulation	43.70	7.73
		For Work In Restricted Working Space, Add	*7.03*	
22 07 19 00-0884	LF	6" Diameter Pipe, 2" Thick Foamglas Insulation	52.22	8.78
		For Work In Restricted Working Space, Add	*7.98*	
22 07 19 00-0885	LF	8" Diameter Pipe, 2" Thick Foamglas Insulation	58.14	9.80
		For Work In Restricted Working Space, Add	*8.90*	
22 07 19 00-0886	LF	10" Diameter Pipe, 2" Thick Foamglas Insulation	70.68	11.29
		For Work In Restricted Working Space, Add	*10.27*	
22 07 19 00-0887	LF	12" Diameter Pipe, 2" Thick Foamglas Insulation	87.56	14.03
		For Work In Restricted Working Space, Add	*12.76*	
22 07 19 00-0888	LF	14" Diameter Pipe, 2" Thick Foamglas Insulation	93.58	15.32
		For Work In Restricted Working Space, Add	*13.92*	
22 07 19 00-0889	LF	16" Diameter Pipe, 2" Thick Foamglas Insulation	110.79	19.58
		For Work In Restricted Working Space, Add	*17.80*	
22 07 19 00-0890	LF	18" Diameter Pipe, 2" Thick Foamglas Insulation	120.70	20.55
		For Work In Restricted Working Space, Add	*18.68*	
22 07 19 00-0891	LF	20" Diameter Pipe, 2" Thick Foamglas Insulation	133.62	23.49
		For Work In Restricted Working Space, Add	*21.36*	
22 07 19 00-0892	LF	24" Diameter Pipe, 2" Thick Foamglas Insulation	167.49	28.38
		For Work In Restricted Working Space, Add	*25.81*	

22 07 19 00-0893 2-1/2" Thick Foamglas Pipe Insulation *(22 07 19 00-0843)*

22 07 19 00-0894	LF	1/2" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	31.91	6.90
		For Work In Restricted Working Space, Add	*6.28*	
22 07 19 00-0895	LF	3/4" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	33.19	6.89
		For Work In Restricted Working Space, Add	*6.27*	
22 07 19 00-0896	LF	1" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	34.84	7.01
		For Work In Restricted Working Space, Add	*6.37*	
22 07 19 00-0897	LF	1-1/4" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	36.30	7.06
		For Work In Restricted Working Space, Add	*6.42*	
22 07 19 00-0898	LF	1-1/2" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	37.78	7.12
		For Work In Restricted Working Space, Add	*6.47*	
22 07 19 00-0899	LF	2" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	40.47	7.40
		For Work In Restricted Working Space, Add	*6.74*	
22 07 19 00-0900	LF	2-1/2" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	43.04	7.66
		For Work In Restricted Working Space, Add	*6.97*	
22 07 19 00-0901	LF	3" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	46.70	7.93
		For Work In Restricted Working Space, Add	*7.21*	
22 07 19 00-0902	LF	4" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	52.30	8.36
		For Work In Restricted Working Space, Add	*7.61*	
22 07 19 00-0903	LF	6" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	62.47	9.51
		For Work In Restricted Working Space, Add	*8.64*	
22 07 19 00-0904	LF	8" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	69.62	10.60
		For Work In Restricted Working Space, Add	*9.64*	
22 07 19 00-0905	LF	10" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	79.44	12.22
		For Work In Restricted Working Space, Add	*11.11*	
22 07 19 00-0906	LF	12" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	98.92	15.20
		For Work In Restricted Working Space, Add	*13.81*	
22 07 19 00-0907	LF	14" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	103.21	16.59
		For Work In Restricted Working Space, Add	*15.08*	
22 07 19 00-0908	LF	16" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	121.85	21.20
		For Work In Restricted Working Space, Add	*19.27*	
22 07 19 00-0909	LF	18" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	132.43	22.25
		For Work In Restricted Working Space, Add	*20.24*	
22 07 19 00-0910	LF	20" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	152.25	25.44
		For Work In Restricted Working Space, Add	*23.13*	
22 07 19 00-0911	LF	24" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	190.57	30.74
		For Work In Restricted Working Space, Add	*27.94*	

22 07 19 00-0912 3" Thick Foamglas Pipe Insulation *(22 07 19 00-0843)*

22 07 19 00-0913	LF	1/2" Diameter Pipe, 3" Thick Foamglas Insulation	38.46	7.33
		For Work In Restricted Working Space, Add	*6.67*	
22 07 19 00-0914	LF	3/4" Diameter Pipe, 3" Thick Foamglas Insulation	39.24	7.33
		For Work In Restricted Working Space, Add	*6.67*	
22 07 19 00-0915	LF	1" Diameter Pipe, 3" Thick Foamglas Insulation	40.38	7.46
		For Work In Restricted Working Space, Add	*6.78*	
22 07 19 00-0916	LF	1-1/4" Diameter Pipe, 3" Thick Foamglas Insulation	41.32	7.50
		For Work In Restricted Working Space, Add	*6.83*	
22 07 19 00-0917	LF	1-1/2" Diameter Pipe, 3" Thick Foamglas Insulation	42.30	7.57
		For Work In Restricted Working Space, Add	*6.88*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0918	LF	2" Diameter Pipe, 3" Thick Foamglas Insulation	45.44	7.88
		For Work In Restricted Working Space, Add	*7.17*	
22 07 19 00-0919	LF	2-1/2" Diameter Pipe, 3" Thick Foamglas Insulation	48.44	8.16
		For Work In Restricted Working Space, Add	*7.41*	
22 07 19 00-0920	LF	3" Diameter Pipe, 3" Thick Foamglas Insulation	54.98	8.44
		For Work In Restricted Working Space, Add	*7.67*	
22 07 19 00-0921	LF	4" Diameter Pipe, 3" Thick Foamglas Insulation	62.69	8.89
		For Work In Restricted Working Space, Add	*8.09*	
22 07 19 00-0922	LF	6" Diameter Pipe, 3" Thick Foamglas Insulation	68.68	10.11
		For Work In Restricted Working Space, Add	*9.20*	
22 07 19 00-0923	LF	8" Diameter Pipe, 3" Thick Foamglas Insulation	77.56	11.28
		For Work In Restricted Working Space, Add	*10.25*	
22 07 19 00-0924	LF	10" Diameter Pipe, 3" Thick Foamglas Insulation	92.50	13.01
		For Work In Restricted Working Space, Add	*11.82*	
22 07 19 00-0925	LF	12" Diameter Pipe, 3" Thick Foamglas Insulation	107.51	16.16
		For Work In Restricted Working Space, Add	*14.69*	
22 07 19 00-0926	LF	14" Diameter Pipe, 3" Thick Foamglas Insulation	115.13	17.64
		For Work In Restricted Working Space, Add	*16.04*	
22 07 19 00-0927	LF	16" Diameter Pipe, 3" Thick Foamglas Insulation	137.55	22.55
		For Work In Restricted Working Space, Add	*20.50*	
22 07 19 00-0928	LF	18" Diameter Pipe, 3" Thick Foamglas Insulation	147.21	23.67
		For Work In Restricted Working Space, Add	*21.53*	
22 07 19 00-0929	LF	20" Diameter Pipe, 3" Thick Foamglas Insulation	172.48	27.06
		For Work In Restricted Working Space, Add	*24.60*	
22 07 19 00-0930	LF	24" Diameter Pipe, 3" Thick Foamglas Insulation	210.84	32.70
		For Work In Restricted Working Space, Add	*29.72*	

22 07 19 00-0931 3-1/2" Thick Foamglas Pipe Insulation *(22 07 19 00-0843)*

22 07 19 00-0932	LF	1/2" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	46.32	8.89
		For Work In Restricted Working Space, Add	*8.09*	
22 07 19 00-0933	LF	3/4" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	47.30	8.89
		For Work In Restricted Working Space, Add	*8.09*	
22 07 19 00-0934	LF	1" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	48.46	8.95
		For Work In Restricted Working Space, Add	*8.14*	
22 07 19 00-0935	LF	1-1/4" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	49.61	9.01
		For Work In Restricted Working Space, Add	*8.19*	
22 07 19 00-0936	LF	1-1/2" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	50.94	9.12
		For Work In Restricted Working Space, Add	*8.30*	
22 07 19 00-0937	LF	2" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	56.02	9.45
		For Work In Restricted Working Space, Add	*8.58*	
22 07 19 00-0938	LF	2-1/2" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	61.15	9.77
		For Work In Restricted Working Space, Add	*8.88*	
22 07 19 00-0939	LF	3" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	64.58	10.11
		For Work In Restricted Working Space, Add	*9.20*	
22 07 19 00-0940	LF	4" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	69.16	10.69
		For Work In Restricted Working Space, Add	*9.72*	
22 07 19 00-0941	LF	6" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	79.60	12.14
		For Work In Restricted Working Space, Add	*11.03*	
22 07 19 00-0942	LF	8" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	90.50	13.52
		For Work In Restricted Working Space, Add	*12.29*	
22 07 19 00-0943	LF	10" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	108.23	15.60
		For Work In Restricted Working Space, Add	*14.18*	
22 07 19 00-0944	LF	12" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	127.92	19.39
		For Work In Restricted Working Space, Add	*17.63*	
22 07 19 00-0945	LF	14" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	133.47	21.18
		For Work In Restricted Working Space, Add	*19.25*	
22 07 19 00-0946	LF	16" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	160.05	27.06
		For Work In Restricted Working Space, Add	*24.60*	
22 07 19 00-0947	LF	18" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	175.87	28.42
		For Work In Restricted Working Space, Add	*25.83*	
22 07 19 00-0948	LF	20" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	200.24	32.50
		For Work In Restricted Working Space, Add	*29.54*	
22 07 19 00-0949	LF	24" Diameter Pipe, 3-1/2" Thick Foamglas Insulation	245.88	39.23
		For Work In Restricted Working Space, Add	*35.67*	

22 07 19 00-0950 4" Thick Foamglas Pipe Insulation *(22 07 19 00-0843)*

22 07 19 00-0951	LF	1/2" Diameter Pipe, 4" Thick Foamglas Insulation	56.41	10.94
		For Work In Restricted Working Space, Add	*9.94*	
22 07 19 00-0952	LF	3/4" Diameter Pipe, 4" Thick Foamglas Insulation	57.67	10.94
		For Work In Restricted Working Space, Add	*9.94*	
22 07 19 00-0953	LF	1" Diameter Pipe, 4" Thick Foamglas Insulation	59.51	11.12
		For Work In Restricted Working Space, Add	*10.11*	
22 07 19 00-0954	LF	1-1/4" Diameter Pipe, 4" Thick Foamglas Insulation	61.16	11.25
		For Work In Restricted Working Space, Add	*10.23*	
22 07 19 00-0955	LF	1-1/2" Diameter Pipe, 4" Thick Foamglas Insulation	63.49	11.61
		For Work In Restricted Working Space, Add	*10.55*	
22 07 19 00-0956	LF	2" Diameter Pipe, 4" Thick Foamglas Insulation	68.58	11.96
		For Work In Restricted Working Space, Add	*10.88*	
22 07 19 00-0957	LF	2-1/2" Diameter Pipe, 4" Thick Foamglas Insulation	73.12	12.15
		For Work In Restricted Working Space, Add	*11.04*	
22 07 19 00-0958	LF	3" Diameter Pipe, 4" Thick Foamglas Insulation	76.77	12.60
		For Work In Restricted Working Space, Add	*11.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0959	LF	4" Diameter Pipe, 4" Thick Foamglas Insulation	83.91	14.05
		For Work In Restricted Working Space, Add	*12.77*	
22 07 19 00-0960	LF	6" Diameter Pipe, 4" Thick Foamglas Insulation	97.04	15.07
		For Work In Restricted Working Space, Add	*13.71*	
22 07 19 00-0961	LF	8" Diameter Pipe, 4" Thick Foamglas Insulation	109.55	16.35
		For Work In Restricted Working Space, Add	*14.87*	
22 07 19 00-0962	LF	10" Diameter Pipe, 4" Thick Foamglas Insulation	125.47	19.44
		For Work In Restricted Working Space, Add	*17.66*	
22 07 19 00-0963	LF	12" Diameter Pipe, 4" Thick Foamglas Insulation	146.61	24.14
		For Work In Restricted Working Space, Add	*21.94*	
22 07 19 00-0964	LF	14" Diameter Pipe, 4" Thick Foamglas Insulation	159.43	26.35
		For Work In Restricted Working Space, Add	*23.97*	
22 07 19 00-0965	LF	16" Diameter Pipe, 4" Thick Foamglas Insulation	189.26	33.70
		For Work In Restricted Working Space, Add	*30.64*	
22 07 19 00-0966	LF	18" Diameter Pipe, 4" Thick Foamglas Insulation	210.54	35.32
		For Work In Restricted Working Space, Add	*32.11*	
22 07 19 00-0967	LF	20" Diameter Pipe, 4" Thick Foamglas Insulation	236.02	40.42
		For Work In Restricted Working Space, Add	*36.75*	
22 07 19 00-0968	LF	24" Diameter Pipe, 4" Thick Foamglas Insulation	299.33	48.84
		For Work In Restricted Working Space, Add	*44.39*	

22 07 19 00-0969 Flexible Polyethylene Tubing Closed Cell Foam Insulation *(22 07 19)*

Note: UV resistant standard temperature (-90 Degree F To +212 Degree F). For elbow fittings/valves add 1 LF for each fitting/valve, for tee fittings add 2 LF for each fitting.

22 07 19 00-0970 3/8" Wall Flexible Polyethylene Tubing Foam Insulation *(22 07 19 00-0969)*

22 07 19 00-0971	LF	1/4" I.D. (3/8" O.D.) Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	7.33	3.40
		For Work In Restricted Working Space, Add	*2.05*	
22 07 19 00-0972	LF	3/8" I.D. (1/2" O.D.) Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	7.35	3.40
		For Work In Restricted Working Space, Add	*2.05*	
22 07 19 00-0973	LF	1/2" I.D. (5/8" O.D.) Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	7.65	3.53
		For Work In Restricted Working Space, Add	*2.12*	
22 07 19 00-0974	LF	3/4" I.D. (7/8" O.D.) Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	7.97	3.65
		For Work In Restricted Working Space, Add	*2.19*	
22 07 19 00-0975	LF	1" I.D. (1-1/8" O.D.) Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	8.28	3.72
		For Work In Restricted Working Space, Add	*2.22*	
22 07 19 00-0976	LF	1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	8.65	3.77
		For Work In Restricted Working Space, Add	*2.26*	
22 07 19 00-0977	LF	1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	8.80	3.77
		For Work In Restricted Working Space, Add	*2.27*	
22 07 19 00-0978	LF	2" I.D. (2-1/8" O.D.) Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	9.23	3.77
		For Work In Restricted Working Space, Add	*2.28*	
22 07 19 00-0979	LF	2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	10.05	3.89
		For Work In Restricted Working Space, Add	*2.35*	
22 07 19 00-0980	LF	3" I.D. (3-1/8" O.D.) Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	10.41	3.95
		For Work In Restricted Working Space, Add	*2.39*	

22 07 19 00-0981 1/2" Wall Flexible Polyethylene Tubing Foam Insulation *(22 07 19 00-0969)*

22 07 19 00-0982	LF	1/4" I.D. (3/8" O.D.) Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	8.16	3.72
		For Work In Restricted Working Space, Add	*2.22*	
22 07 19 00-0983	LF	3/8" I.D. (1/2" O.D.) Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	8.26	3.72
		For Work In Restricted Working Space, Add	*2.24*	
22 07 19 00-0984	LF	1/2" I.D. (5/8" O.D.) Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	8.41	3.77
		For Work In Restricted Working Space, Add	*2.26*	
22 07 19 00-0985	LF	3/4" I.D. (7/8" O.D.) Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	8.58	3.80
		For Work In Restricted Working Space, Add	*2.28*	
22 07 19 00-0986	LF	1" I.D. (1-1/8" O.D.) Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	9.04	3.89
		For Work In Restricted Working Space, Add	*2.33*	
22 07 19 00-0987	LF	1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	9.43	3.95
		For Work In Restricted Working Space, Add	*2.37*	
22 07 19 00-0988	LF	1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	9.88	4.01
		For Work In Restricted Working Space, Add	*2.41*	
22 07 19 00-0989	LF	2" I.D. (2-1/8" O.D.) Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	10.44	4.07
		For Work In Restricted Working Space, Add	*2.44*	
22 07 19 00-0990	LF	2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	11.38	4.19
		For Work In Restricted Working Space, Add	*2.51*	
22 07 19 00-0991	LF	3" I.D. (3-1/8" O.D.) Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	12.38	4.25
		For Work In Restricted Working Space, Add	*2.55*	
22 07 19 00-0992	LF	3-1/2" I.D. (3-5/8" O.D.) Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	13.32	4.31
		For Work In Restricted Working Space, Add	*2.58*	
22 07 19 00-0993	LF	4" I.D. (4-1/8" O.D.) Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	13.88	4.36
		For Work In Restricted Working Space, Add	*2.62*	

22 07 19 00-0994 3/4" Wall Flexible Polyethylene Tubing Foam Insulation *(22 07 19 00-0969)*

22 07 19 00-0995	LF	1/4" I.D. (3/8" O.D.) Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	9.13	4.01
		For Work In Restricted Working Space, Add	*2.41*	
22 07 19 00-0996	LF	3/8" I.D. (1/2" O.D.) Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	9.25	4.07
		For Work In Restricted Working Space, Add	*2.44*	
22 07 19 00-0997	LF	1/2" I.D. (5/8" O.D.) Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	9.88	4.19
		For Work In Restricted Working Space, Add	*2.51*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0998	LF	3/4" I.D. (7/8" O.D.) Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	10.16	4.25
		For Work In Restricted Working Space, Add	*2.55*	
22 07 19 00-0999	LF	1" I.D. (1-1/8" O.D.) Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	10.95	4.36
		For Work In Restricted Working Space, Add	*2.62*	
22 07 19 00-1000	LF	1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	11.78	4.43
		For Work In Restricted Working Space, Add	*2.66*	
22 07 19 00-1001	LF	1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	12.15	4.45
		For Work In Restricted Working Space, Add	*2.67*	
22 07 19 00-1002	LF	2" I.D. (2-1/8" O.D.) Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	13.68	4.49
		For Work In Restricted Working Space, Add	*2.69*	
22 07 19 00-1003	LF	2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	15.79	4.60
		For Work In Restricted Working Space, Add	*2.76*	
22 07 19 00-1004	LF	3" I.D. (3-1/8" O.D.) Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	15.90	4.67
		For Work In Restricted Working Space, Add	*2.80*	
22 07 19 00-1005	LF	3-1/2" I.D. (3-5/8" O.D.) Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	17.42	4.72
		For Work In Restricted Working Space, Add	*2.84*	
22 07 19 00-1006	LF	4" I.D. (4-1/8" O.D.) Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	18.05	4.78
		For Work In Restricted Working Space, Add	*2.87*	

22 07 19 00-1007 1" Wall Flexible Polyethylene Tubing Foam Insulation *(22 07 19 00-0969)*

22 07 19 00-1008	LF	1/4" I.D. (3/8" O.D.) Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	10.43	4.43
		For Work In Restricted Working Space, Add	*2.66*	
22 07 19 00-1009	LF	3/8" I.D. (1/2" O.D.) Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	10.71	4.49
		For Work In Restricted Working Space, Add	*2.69*	
22 07 19 00-1010	LF	1/2" I.D. (5/8" O.D.) Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	11.63	4.60
		For Work In Restricted Working Space, Add	*2.76*	
22 07 19 00-1011	LF	3/4" I.D. (7/8" O.D.) Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	11.90	4.67
		For Work In Restricted Working Space, Add	*2.80*	
22 07 19 00-1012	LF	1" I.D. (1-1/8" O.D.) Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	13.29	4.78
		For Work In Restricted Working Space, Add	*2.87*	
22 07 19 00-1013	LF	1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	13.97	4.90
		For Work In Restricted Working Space, Add	*2.94*	
22 07 19 00-1014	LF	1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	14.24	4.96
		For Work In Restricted Working Space, Add	*2.98*	
22 07 19 00-1015	LF	2" I.D. (2-1/8" O.D.) Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	15.60	5.02
		For Work In Restricted Working Space, Add	*3.02*	
22 07 19 00-1016	LF	2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	16.54	5.15
		For Work In Restricted Working Space, Add	*3.08*	
22 07 19 00-1017	LF	3" I.D. (3-1/8" O.D.) Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	17.38	5.21
		For Work In Restricted Working Space, Add	*3.12*	

22 07 19 00-1018 Flexible Elastomeric Tubing Closed Cell Foam Insulation *(22 07 19)*

Note: For elbow fittings/valves add 1 LF for each fitting/valve, for tee fittings add 2 LF for each fitting.

22 07 19 00-1019 3/8" Wall Flexible Elastomeric Tubing Foam Insulation *(22 07 19 00-1018)*

22 07 19 00-1020	LF	1/4" I.D. (3/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	7.63	3.40
		For Work In Restricted Working Space, Add	*2.05*	
22 07 19 00-1021	LF	3/8" I.D. (1/2" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	7.78	3.40
		For Work In Restricted Working Space, Add	*2.05*	
22 07 19 00-1022	LF	1/2" I.D. (5/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	8.09	3.53
		For Work In Restricted Working Space, Add	*2.12*	
22 07 19 00-1023	LF	5/8" I.D. (3/4" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	8.29	3.58
		For Work In Restricted Working Space, Add	*2.15*	
22 07 19 00-1024	LF	3/4" I.D. (7/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	8.48	3.65
		For Work In Restricted Working Space, Add	*2.19*	
22 07 19 00-1025	LF	1" I.D. (1-1/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	8.75	3.72
		For Work In Restricted Working Space, Add	*2.22*	
22 07 19 00-1026	LF	1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	9.00	3.77
		For Work In Restricted Working Space, Add	*2.26*	
22 07 19 00-1027	LF	1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	9.25	3.77
		For Work In Restricted Working Space, Add	*2.27*	
22 07 19 00-1028	LF	1-1/2" IPS (1-7/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	9.47	3.77
		For Work In Restricted Working Space, Add	*2.28*	
22 07 19 00-1029	LF	2" I.D. (2-1/8" O.D.)Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	9.69	3.83
		For Work In Restricted Working Space, Add	*2.30*	
22 07 19 00-1030	LF	2" IPS (2-3/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	10.00	3.89
		For Work In Restricted Working Space, Add	*2.33*	
22 07 19 00-1031	LF	2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	10.28	3.89
		For Work In Restricted Working Space, Add	*2.35*	
22 07 19 00-1032	LF	2-1/2" IPS (2-7/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	10.48	3.95
		For Work In Restricted Working Space, Add	*2.37*	
22 07 19 00-1033	LF	3" I.D. (3-1/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	10.76	3.95
		For Work In Restricted Working Space, Add	*2.39*	
22 07 19 00-1034	LF	3-1/2" I.D. (3-5/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	11.39	4.01
		For Work In Restricted Working Space, Add	*2.41*	
22 07 19 00-1035	LF	4" I.D. (4-1/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	12.12	4.07
		For Work In Restricted Working Space, Add	*2.44*	
22 07 19 00-1036	LF	4" IPS (4-1/2" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	12.93	4.09
		For Work In Restricted Working Space, Add	*2.46*	

22 07 19 00-1037 1/2" Wall Flexible Elastomeric Tubing Foam Insulation *(22 07 19 00-1018)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-1038	LF	1/4" I.D. (3/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	8.65	3.72
		For Work In Restricted Working Space, Add	*2.22*	
22 07 19 00-1039	LF	3/8" I.D. (1/2" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	8.78	3.72
		For Work In Restricted Working Space, Add	*2.24*	
22 07 19 00-1040	LF	1/2" I.D. (5/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	8.92	3.77
		For Work In Restricted Working Space, Add	*2.26*	
22 07 19 00-1041	LF	5/8" I.D. (3/4" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	9.12	3.77
		For Work In Restricted Working Space, Add	*2.27*	
22 07 19 00-1042	LF	3/4" I.D. (7/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	9.27	3.77
		For Work In Restricted Working Space, Add	*2.28*	
22 07 19 00-1043	LF	1" I.D. (1-1/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	9.66	3.89
		For Work In Restricted Working Space, Add	*2.33*	
22 07 19 00-1044	LF	1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	10.03	3.95
		For Work In Restricted Working Space, Add	*2.37*	
22 07 19 00-1045	LF	1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	10.36	4.01
		For Work In Restricted Working Space, Add	*2.41*	
22 07 19 00-1046	LF	1-1/2" IPS (1-7/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	10.70	4.05
		For Work In Restricted Working Space, Add	*2.42*	
22 07 19 00-1047	LF	2" I.D. (2-1/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	10.97	4.07
		For Work In Restricted Working Space, Add	*2.44*	
22 07 19 00-1048	LF	2" IPS (2-3/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	12.02	4.14
		For Work In Restricted Working Space, Add	*2.48*	
22 07 19 00-1049	LF	2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	12.64	4.19
		For Work In Restricted Working Space, Add	*2.51*	
22 07 19 00-1050	LF	2-1/2" IPS (2-7/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	13.11	4.23
		For Work In Restricted Working Space, Add	*2.53*	
22 07 19 00-1051	LF	3" I.D. (3-1/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	13.51	4.25
		For Work In Restricted Working Space, Add	*2.55*	
22 07 19 00-1052	LF	3" IPS (3-1/2" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	13.80	4.28
		For Work In Restricted Working Space, Add	*2.57*	
22 07 19 00-1053	LF	3-1/2" I.D. (3-5/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	14.05	4.31
		For Work In Restricted Working Space, Add	*2.58*	
22 07 19 00-1054	LF	4" I.D. (4-1/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	15.24	4.36
		For Work In Restricted Working Space, Add	*2.62*	
22 07 19 00-1055	LF	4" IPS (4-1/2" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	15.53	4.40
		For Work In Restricted Working Space, Add	*2.64*	
22 07 19 00-1056	LF	5" I.D. (5-9/16" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	16.71	4.43
		For Work In Restricted Working Space, Add	*2.66*	
22 07 19 00-1057	LF	6" IPS (6-5/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	18.08	4.54
		For Work In Restricted Working Space, Add	*2.73*	
22 07 19 00-1058	LF	8" IPS (8-5/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	19.61	4.67
		For Work In Restricted Working Space, Add	*2.80*	
22 07 19 00-1059		**3/4" Wall Flexible Elastomeric Tubing Foam Insulation** *(22 07 19 00-1018)*		
22 07 19 00-1060	LF	1/4" I.D. (3/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	10.00	4.01
		For Work In Restricted Working Space, Add	*2.41*	
22 07 19 00-1061	LF	3/8" I.D. (1/2" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	10.30	4.07
		For Work In Restricted Working Space, Add	*2.44*	
22 07 19 00-1062	LF	1/2" I.D. (5/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	10.72	4.19
		For Work In Restricted Working Space, Add	*2.51*	
22 07 19 00-1063	LF	5/8" I.D. (3/4" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	10.98	4.23
		For Work In Restricted Working Space, Add	*2.53*	
22 07 19 00-1064	LF	3/4" I.D. (7/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	11.10	4.25
		For Work In Restricted Working Space, Add	*2.55*	
22 07 19 00-1065	LF	1" I.D. (1-1/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	11.73	4.36
		For Work In Restricted Working Space, Add	*2.62*	
22 07 19 00-1066	LF	1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	12.25	4.43
		For Work In Restricted Working Space, Add	*2.66*	
22 07 19 00-1067	LF	1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	12.76	4.49
		For Work In Restricted Working Space, Add	*2.69*	
22 07 19 00-1068	LF	1-1/2" IPS (1-7/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	12.90	4.49
		For Work In Restricted Working Space, Add	*2.69*	
22 07 19 00-1069	LF	2" I.D. (2-1/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	13.10	4.52
		For Work In Restricted Working Space, Add	*2.71*	
22 07 19 00-1070	LF	2" IPS (2-3/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	13.72	4.54
		For Work In Restricted Working Space, Add	*2.73*	
22 07 19 00-1071	LF	2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	14.04	4.60
		For Work In Restricted Working Space, Add	*2.76*	
22 07 19 00-1072	LF	2-1/2" IPS (2-7/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	14.75	4.63
		For Work In Restricted Working Space, Add	*2.78*	
22 07 19 00-1073	LF	3" I.D. (3-1/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	15.22	4.67
		For Work In Restricted Working Space, Add	*2.80*	
22 07 19 00-1074	LF	3" IPS (3-1/2" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	15.96	4.70
		For Work In Restricted Working Space, Add	*2.82*	
22 07 19 00-1075	LF	3-1/2" I.D. (3-5/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	16.25	4.72
		For Work In Restricted Working Space, Add	*2.84*	
22 07 19 00-1076	LF	4" I.D. (4-1/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	17.36	4.78
		For Work In Restricted Working Space, Add	*2.87*	
22 07 19 00-1077	LF	4" IPS (4-1/2" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	18.25	4.81
		For Work In Restricted Working Space, Add	*2.89*	
22 07 19 00-1078	LF	5" IPS (5-9/16" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	19.74	4.84
		For Work In Restricted Working Space, Add	*2.90*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-1079	LF	6" IPS (6-5/8" O.D.) Diameter Pipe, 3/4" Flexible Elastomeric Tubing Closed Cell Foam Insulation	21.32	4.90
		For Work In Restricted Working Space, Add	*2.94*	
22 07 19 00-1080	LF	8" IPS (8-5/8" O.D.) Diameter Pipe, 3/4" Flexible Elastomeric Tubing Closed Cell Foam Insulation	23.23	5.02
		For Work In Restricted Working Space, Add	*3.02*	
22 07 19 00-1081		**1" Wall Flexible Elastomeric Tubing Foam Insulation** *(22 07 19 00-1018)*		
22 07 19 00-1082	LF	1/4" I.D. (3/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	11.76	4.42
		For Work In Restricted Working Space, Add	*2.66*	
22 07 19 00-1083	LF	3/8" I.D. (1/2" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	12.12	4.49
		For Work In Restricted Working Space, Add	*2.69*	
22 07 19 00-1084	LF	1/2" I.D. (5/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	12.57	4.60
		For Work In Restricted Working Space, Add	*2.76*	
22 07 19 00-1085	LF	5/8" I.D. (3/4" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	12.97	4.63
		For Work In Restricted Working Space, Add	*2.78*	
22 07 19 00-1086	LF	3/4" I.D. (7/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	13.30	4.67
		For Work In Restricted Working Space, Add	*2.80*	
22 07 19 00-1087	LF	1" I.D. (1-1/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	13.90	4.78
		For Work In Restricted Working Space, Add	*2.87*	
22 07 19 00-1088	LF	1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	14.83	4.90
		For Work In Restricted Working Space, Add	*2.94*	
22 07 19 00-1089	LF	1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	15.30	4.90
		For Work In Restricted Working Space, Add	*2.98*	
22 07 19 00-1090	LF	1-1/2" IPS (1-7/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	15.93	4.96
		For Work In Restricted Working Space, Add	*3.00*	
22 07 19 00-1091	LF	2" I.D. (2-1/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	16.17	5.02
		For Work In Restricted Working Space, Add	*3.02*	
22 07 19 00-1092	LF	2" IPS (2-3/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	17.53	5.10
		For Work In Restricted Working Space, Add	*3.05*	
22 07 19 00-1093	LF	2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	18.60	5.15
		For Work In Restricted Working Space, Add	*3.08*	
22 07 19 00-1094	LF	2-1/2" IPS (2-7/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	19.96	5.19
		For Work In Restricted Working Space, Add	*3.11*	
22 07 19 00-1095	LF	3" I.D. (3-1/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	20.36	5.21
		For Work In Restricted Working Space, Add	*3.12*	
22 07 19 00-1096	LF	3" IPS (3-1/2" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	21.07	5.24
		For Work In Restricted Working Space, Add	*3.14*	
22 07 19 00-1097	LF	3-1/2" I.D. (3-5/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	21.41	5.27
		For Work In Restricted Working Space, Add	*3.16*	
22 07 19 00-1098	LF	4" I.D. (4-1/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	24.02	5.39
		For Work In Restricted Working Space, Add	*3.23*	
22 07 19 00-1099	LF	4" IPS (4-1/2" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	25.77	5.45
		For Work In Restricted Working Space, Add	*3.27*	
22 07 19 00-1100	LF	5" IPS (5-9/16" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	28.37	5.50
		For Work In Restricted Working Space, Add	*3.30*	
22 07 19 00-1101	LF	6" IPS (6-5/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	31.11	5.63
		For Work In Restricted Working Space, Add	*3.37*	
22 07 19 00-1102		**1-1/2" Wall Flexible Elastomeric Tubing Foam Insulation** *(22 07 19 00-1018)*		
22 07 19 00-1103	LF	3/8" I.D. (1/2" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	18.17	4.95
		For Work In Restricted Working Space, Add	*2.97*	
22 07 19 00-1104	LF	1/2" I.D. (5/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	18.64	5.06
		For Work In Restricted Working Space, Add	*3.04*	
22 07 19 00-1105	LF	5/8" I.D. (3/4" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	19.03	5.10
		For Work In Restricted Working Space, Add	*3.06*	
22 07 19 00-1106	LF	3/4" I.D. (7/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	19.44	5.14
		For Work In Restricted Working Space, Add	*3.07*	
22 07 19 00-1107	LF	1" I.D. (1-1/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	19.99	5.25
		For Work In Restricted Working Space, Add	*3.14*	
22 07 19 00-1108	LF	1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	20.89	5.45
		For Work In Restricted Working Space, Add	*3.26*	
22 07 19 00-1109	LF	1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	22.17	5.37
		For Work In Restricted Working Space, Add	*3.29*	
22 07 19 00-1110	LF	1-1/2" IPS (1-7/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	23.29	5.49
		For Work In Restricted Working Space, Add	*3.33*	
22 07 19 00-1111	LF	2" I.D. (2-1/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	23.97	5.63
		For Work In Restricted Working Space, Add	*3.37*	
22 07 19 00-1112	LF	2" IPS (2-3/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	26.11	5.70
		For Work In Restricted Working Space, Add	*3.41*	
22 07 19 00-1113	LF	2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	28.13	5.76
		For Work In Restricted Working Space, Add	*3.44*	
22 07 19 00-1114	LF	2-1/2" IPS (2-7/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	29.09	5.79
		For Work In Restricted Working Space, Add	*3.47*	
22 07 19 00-1115	LF	3" I.D. (3-1/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	30.04	5.80
		For Work In Restricted Working Space, Add	*3.49*	
22 07 19 00-1116	LF	3" IPS (3-1/2" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	31.14	5.83
		For Work In Restricted Working Space, Add	*3.50*	
22 07 19 00-1117	LF	3-1/2" I.D. (3-5/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	31.84	5.85
		For Work In Restricted Working Space, Add	*3.52*	
22 07 19 00-1118	LF	4" I.D. (4-1/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	35.63	6.07
		For Work In Restricted Working Space, Add	*3.63*	
22 07 19 00-1119	LF	4" IPS (4-1/2" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	37.67	6.16
		For Work In Restricted Working Space, Add	*3.69*	

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22 07 19 00-1120	LF	5" IPS (5-9/16" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	42.59	6.25
		For Work In Restricted Working Space, Add	*3.75*	
22 07 19 00-1121	LF	6" IPS (6-5/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	47.47	6.44
		For Work In Restricted Working Space, Add	*3.86*	

22 07 19 00-1122 2" Wall Flexible Elastomeric Tubing Foam Insulation *(22 07 19 00-1018)*

22 07 19 00-1123	LF	3/8" I.D. (1/2" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	26.51	5.47
		For Work In Restricted Working Space, Add	*3.28*	
22 07 19 00-1124	LF	1/2" I.D. (5/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	27.56	5.55
		For Work In Restricted Working Space, Add	*3.35*	
22 07 19 00-1125	LF	5/8" I.D. (3/4" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	29.40	5.59
		For Work In Restricted Working Space, Add	*3.36*	
22 07 19 00-1126	LF	3/4" I.D. (7/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	30.02	5.64
		For Work In Restricted Working Space, Add	*3.37*	
22 07 19 00-1127	LF	1" I.D. (1-1/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	31.57	5.75
		For Work In Restricted Working Space, Add	*3.44*	
22 07 19 00-1128	LF	1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	33.45	6.02
		For Work In Restricted Working Space, Add	*3.61*	
22 07 19 00-1129	LF	1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	34.57	5.88
		For Work In Restricted Working Space, Add	*3.63*	
22 07 19 00-1130	LF	1-1/2" IPS (1-7/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	36.58	6.08
		For Work In Restricted Working Space, Add	*3.71*	
22 07 19 00-1131	LF	2" I.D. (2-1/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	38.50	6.28
		For Work In Restricted Working Space, Add	*3.78*	
22 07 19 00-1132	LF	2" IPS (2-3/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	39.78	6.36
		For Work In Restricted Working Space, Add	*3.81*	
22 07 19 00-1133	LF	2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	42.42	6.44
		For Work In Restricted Working Space, Add	*3.84*	
22 07 19 00-1134	LF	2-1/2" IPS (2-7/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	42.74	6.45
		For Work In Restricted Working Space, Add	*3.87*	
22 07 19 00-1135	LF	3" I.D. (3-1/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	45.21	6.46
		For Work In Restricted Working Space, Add	*3.89*	
22 07 19 00-1136	LF	3" IPS (3-1/2" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	46.94	6.50
		For Work In Restricted Working Space, Add	*3.90*	
22 07 19 00-1137	LF	3-1/2" I.D. (3-5/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	48.76	6.53
		For Work In Restricted Working Space, Add	*3.91*	
22 07 19 00-1138	LF	4" I.D. (4-1/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	54.84	6.84
		For Work In Restricted Working Space, Add	*4.09*	
22 07 19 00-1139	LF	4" IPS (4-1/2" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	58.37	6.97
		For Work In Restricted Working Space, Add	*4.18*	
22 07 19 00-1140	LF	5" IPS (5-9/16" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	59.42	7.11
		For Work In Restricted Working Space, Add	*4.27*	
22 07 19 00-1141	LF	6" IPS (6-5/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	66.75	7.39
		For Work In Restricted Working Space, Add	*4.43*	

22 07 19 00-1142 Flexible Polyolefin Tubing Closed Cell Foam Insulation *(22 07 19)*

Note: UV stabilized, work temperature (-110 degree F to +210 degree F) 0 water vapor transmission. For elbow fittings/valves add 1 LF for each fitting/valve, for tee fittings add 2 LF for each fitting.

22 07 19 00-1143 3/8" Wall Flexible Polyolefin Tubing Foam Insulation *(22 07 19 00-1142)*

22 07 19 00-1144	LF	1/4" I.D. (3/8" O.D.) Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	7.35	3.40
		For Work In Restricted Working Space, Add	*2.05*	
22 07 19 00-1145	LF	3/8" I.D. (1/2" O.D.) Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	7.44	3.40
		For Work In Restricted Working Space, Add	*2.05*	
22 07 19 00-1146	LF	1/2" I.D. (5/8" O.D.) Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	7.71	3.53
		For Work In Restricted Working Space, Add	*2.12*	
22 07 19 00-1147	LF	3/4" I.D. (7/8" O.D.) Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	8.05	3.65
		For Work In Restricted Working Space, Add	*2.19*	
22 07 19 00-1148	LF	1" I.D. (1-1/8" O.D.) Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	8.25	3.72
		For Work In Restricted Working Space, Add	*2.22*	
22 07 19 00-1149	LF	1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	8.62	3.77
		For Work In Restricted Working Space, Add	*2.26*	
22 07 19 00-1150	LF	1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	8.90	3.77
		For Work In Restricted Working Space, Add	*2.27*	
22 07 19 00-1151	LF	2" I.D. (2-1/8" O.D.) Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	9.11	3.89
		For Work In Restricted Working Space, Add	*2.28*	
22 07 19 00-1152	LF	2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	10.00	3.89
		For Work In Restricted Working Space, Add	*2.35*	
22 07 19 00-1153	LF	3" I.D. (3-1/8" O.D.) Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	10.79	3.95
		For Work In Restricted Working Space, Add	*2.39*	
22 07 19 00-1154	LF	4" I.D. (4-1/8" O.D.) Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	12.84	4.07
		For Work In Restricted Working Space, Add	*2.44*	

22 07 19 00-1155 1/2" Wall Flexible Polyolefin Tubing Foam Insulation *(22 07 19 00-1142)*

22 07 19 00-1156	LF	1/4" I.D. (3/8" O.D.) Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	8.23	3.72
		For Work In Restricted Working Space, Add	*2.22*	
22 07 19 00-1157	LF	3/8" I.D. (1/2" O.D.) Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	8.31	3.72
		For Work In Restricted Working Space, Add	*2.24*	
22 07 19 00-1158	LF	1/2" I.D. (5/8" O.D.) Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	8.48	3.77
		For Work In Restricted Working Space, Add	*2.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-1159	LF	3/4" I.D. (7/8" O.D.) Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	8.70	3.77
		For Work In Restricted Working Space, Add	*2.28*	
22 07 19 00-1160	LF	1" I.D. (1-1/8" O.D.) Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	8.98	3.89
		For Work In Restricted Working Space, Add	*2.33*	
22 07 19 00-1161	LF	1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	9.39	3.95
		For Work In Restricted Working Space, Add	*2.37*	
22 07 19 00-1162	LF	1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	9.83	4.01
		For Work In Restricted Working Space, Add	*2.41*	
22 07 19 00-1163	LF	2" I.D. (2-1/8" O.D.) Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	10.26	4.07
		For Work In Restricted Working Space, Add	*2.44*	
22 07 19 00-1164	LF	2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	11.21	4.19
		For Work In Restricted Working Space, Add	*2.51*	
22 07 19 00-1165	LF	3" I.D. (3-1/8" O.D.) Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	12.07	4.25
		For Work In Restricted Working Space, Add	*2.55*	
22 07 19 00-1166	LF	4" I.D. (4-1/8" O.D.) Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	13.67	4.36
		For Work In Restricted Working Space, Add	*2.62*	
22 07 19 00-1167		**3/4" Wall Flexible Polyolefin Tubing Foam Insulation** *(22 07 19 00-1142)*		
22 07 19 00-1168	LF	1/4" I.D. (3/8" O.D.) Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	9.25	4.01
		For Work In Restricted Working Space, Add	*2.41*	
22 07 19 00-1169	LF	3/8" I.D. (1/2" O.D.) Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	9.56	4.07
		For Work In Restricted Working Space, Add	*2.44*	
22 07 19 00-1170	LF	1/2" I.D. (5/8" O.D.) Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	9.94	4.19
		For Work In Restricted Working Space, Add	*2.51*	
22 07 19 00-1171	LF	3/4" I.D. (7/8" O.D.) Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	10.53	4.25
		For Work In Restricted Working Space, Add	*2.55*	
22 07 19 00-1172	LF	1" I.D. (1-1/8" O.D.) Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	11.07	4.36
		For Work In Restricted Working Space, Add	*2.62*	
22 07 19 00-1173	LF	1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	12.01	4.43
		For Work In Restricted Working Space, Add	*2.66*	
22 07 19 00-1174	LF	1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	12.61	4.43
		For Work In Restricted Working Space, Add	*2.67*	
22 07 19 00-1175	LF	2" I.D. (2-1/8" O.D.) Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	13.31	4.49
		For Work In Restricted Working Space, Add	*2.69*	
22 07 19 00-1176	LF	2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	14.66	4.60
		For Work In Restricted Working Space, Add	*2.76*	
22 07 19 00-1177	LF	3" I.D. (3-1/8" O.D.) Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	15.88	4.67
		For Work In Restricted Working Space, Add	*2.80*	
22 07 19 00-1178	LF	4" I.D. (4-1/8" O.D.) Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	18.23	4.78
		For Work In Restricted Working Space, Add	*2.87*	
22 07 19 00-1179		**1" Wall Flexible Polyolefin Tubing Foam Insulation** *(22 07 19 00-1142)*		
22 07 19 00-1180	LF	1/4" I.D. (3/8" O.D.) Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	11.00	4.43
		For Work In Restricted Working Space, Add	*2.66*	
22 07 19 00-1181	LF	3/8" I.D. (1/2" O.D.) Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	11.16	4.49
		For Work In Restricted Working Space, Add	*2.69*	
22 07 19 00-1182	LF	1/2" I.D. (5/8" O.D.) Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	11.55	4.60
		For Work In Restricted Working Space, Add	*2.76*	
22 07 19 00-1183	LF	3/4" I.D. (7/8" O.D.) Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	12.38	4.67
		For Work In Restricted Working Space, Add	*2.80*	
22 07 19 00-1184	LF	1" I.D. (1-1/8" O.D.) Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	13.09	4.78
		For Work In Restricted Working Space, Add	*2.87*	
22 07 19 00-1185	LF	1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	13.81	4.90
		For Work In Restricted Working Space, Add	*2.94*	
22 07 19 00-1186	LF	1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	14.50	4.90
		For Work In Restricted Working Space, Add	*2.98*	
22 07 19 00-1187	LF	2" I.D. (2-1/8" O.D.) Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	16.05	5.02
		For Work In Restricted Working Space, Add	*3.02*	
22 07 19 00-1188	LF	2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	18.12	5.15
		For Work In Restricted Working Space, Add	*3.08*	
22 07 19 00-1189	LF	3" I.D. (3-1/8" O.D.) Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	19.60	5.21
		For Work In Restricted Working Space, Add	*3.12*	
22 07 19 00-1190		**Flexible Elastomeric Unicellular Insulation** *(22 07 19)* Note: For refrigeration piping. For elbow fittings/valves add 1 LF for each fitting/valve, for tee fittings add 2 LF for each fitting.		
22 07 19 00-1191		**3/8" Wall Flexible Elastomeric Unicellular Insulation** *(22 07 19 00-1190)*		
22 07 19 00-1192	LF	3/8" I.D. (1/2" Outside Diameter Pipe), 3/8" Wall Flexible Elastomeric Unicellular Insulation	8.47	3.40
		For Work In Restricted Working Space, Add	*2.04*	
22 07 19 00-1193	LF	1/2" I.D. (5/8" Outside Diameter Pipe), 3/8" Wall Flexible Elastomeric Unicellular Insulation	8.98	3.53
		For Work In Restricted Working Space, Add	*2.12*	
22 07 19 00-1194	LF	3/4" I.D. (7/8" Outside Diameter Pipe), 3/8" Wall Flexible Elastomeric Unicellular Insulation	9.43	3.66
		For Work In Restricted Working Space, Add	*2.19*	
22 07 19 00-1195	LF	1" I.D. (1-1/8" Outside Diameter Pipe), 3/8" Wall Flexible Elastomeric Unicellular Insulation	9.83	3.72
		For Work In Restricted Working Space, Add	*2.22*	
22 07 19 00-1196	LF	1-1/4" I.D. (1-3/8" Outside Diameter Pipe), 3/8" Wall Flexible Elastomeric Unicellular Insulation	10.28	3.77
		For Work In Restricted Working Space, Add	*2.26*	
22 07 19 00-1197	LF	1-1/2" I.D. (1-5/8" Outside Diameter Pipe), 3/8" Wall Flexible Elastomeric Unicellular Insulation	10.97	3.80
		For Work In Restricted Working Space, Add	*2.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-1198	LF	2" I.D. (2-1/8" Outside Diameter Pipe), 3/8" Wall Flexible Elastomeric Unicellular Insulation	11.81	3.90
		For Work In Restricted Working Space, Add	*2.33*	
22 07 19 00-1199	LF	2-1/2" I.D. (2-5/8" Outside Diameter Pipe), 3/8" Wall Flexible Elastomeric Unicellular Insulation	13.93	3.92
		For Work In Restricted Working Space, Add	*2.35*	
22 07 19 00-1200	LF	3" I.D. (3-1/8" Outside Diameter Pipe), 3/8" Wall Flexible Elastomeric Unicellular Insulation	15.44	3.98
		For Work In Restricted Working Space, Add	*2.39*	
22 07 19 00-1201		**1/2" Wall Flexible Elastomeric Unicellular Insulation** *(22 07 19 00-1190)*		
22 07 19 00-1202	LF	3/8" I.D. (1/2" Outside Diameter Pipe), 1/2" Wall Flexible Elastomeric Unicellular Insulation	9.83	3.66
		For Work In Restricted Working Space, Add	*2.19*	
22 07 19 00-1203	LF	1/2" I.D. (5/8" Outside Diameter Pipe), 1/2" Wall Flexible Elastomeric Unicellular Insulation	10.31	3.77
		For Work In Restricted Working Space, Add	*2.26*	
22 07 19 00-1204	LF	3/4" I.D. (7/8" Outside Diameter Pipe), 1/2" Wall Flexible Elastomeric Unicellular Insulation	10.68	3.77
		For Work In Restricted Working Space, Add	*2.28*	
22 07 19 00-1205	LF	1" I.D. (1-1/8" Outside Diameter Pipe), 1/2" Wall Flexible Elastomeric Unicellular Insulation	11.24	3.89
		For Work In Restricted Working Space, Add	*2.33*	
22 07 19 00-1206	LF	1-1/4" I.D. (1-3/8" Outside Diameter Pipe), 1/2" Wall Flexible Elastomeric Unicellular Insulation	11.70	3.95
		For Work In Restricted Working Space, Add	*2.37*	
22 07 19 00-1207	LF	1-1/2" I.D. (1-5/8" Outside Diameter Pipe), 1/2" Wall Flexible Elastomeric Unicellular Insulation	12.40	4.01
		For Work In Restricted Working Space, Add	*2.41*	
22 07 19 00-1208	LF	2" I.D. (2-1/8" Outside Diameter Pipe), 1/2" Wall Flexible Elastomeric Unicellular Insulation	13.74	4.07
		For Work In Restricted Working Space, Add	*2.44*	
22 07 19 00-1209	LF	2-1/2" I.D. (2-5/8" Outside Diameter Pipe), 1/2" Wall Flexible Elastomeric Unicellular Insulation	15.93	4.19
		For Work In Restricted Working Space, Add	*2.51*	
22 07 19 00-1210	LF	3" I.D. (3-1/8" Outside Diameter Pipe), 1/2" Wall Flexible Elastomeric Unicellular Insulation	17.38	4.25
		For Work In Restricted Working Space, Add	*2.55*	
22 07 19 00-1211	LF	3-1/2" I.D. (3-5/8" Outside Diameter Pipe), 1/2" Wall Flexible Elastomeric Unicellular Insulation	20.31	4.31
		For Work In Restricted Working Space, Add	*2.58*	
22 07 19 00-1212	LF	4" I.D. (4-1/8" Outside Diameter Pipe), 1/2" Wall Flexible Elastomeric Unicellular Insulation	21.68	4.36
		For Work In Restricted Working Space, Add	*2.62*	
22 07 19 00-1213		**3/4" Wall Flexible Elastomeric Unicellular Insulation** *(22 07 19 00-1190)*		
22 07 19 00-1214	LF	3/8" I.D. (1/2" Outside Diameter Pipe), 3/4" Wall Flexible Elastomeric Unicellular Insulation	11.84	3.99
		For Work In Restricted Working Space, Add	*2.39*	
22 07 19 00-1215	LF	1/2" I.D. (5/8" Outside Diameter Pipe), 3/4" Wall Flexible Elastomeric Unicellular Insulation	12.59	4.19
		For Work In Restricted Working Space, Add	*2.51*	
22 07 19 00-1216	LF	3/4" I.D. (7/8" Outside Diameter Pipe), 3/4" Wall Flexible Elastomeric Unicellular Insulation	13.54	4.25
		For Work In Restricted Working Space, Add	*2.55*	
22 07 19 00-1217	LF	1" I.D. (1-1/8" Outside Diameter Pipe), 3/4" Wall Flexible Elastomeric Unicellular Insulation	14.88	4.37
		For Work In Restricted Working Space, Add	*2.62*	
22 07 19 00-1218	LF	1-1/4" I.D. (1-3/8" Outside Diameter Pipe), 3/4" Wall Flexible Elastomeric Unicellular Insulation	15.88	4.43
		For Work In Restricted Working Space, Add	*2.66*	
22 07 19 00-1219	LF	1-1/2" I.D. (1-5/8" Outside Diameter Pipe), 3/4" Wall Flexible Elastomeric Unicellular Insulation	18.30	4.49
		For Work In Restricted Working Space, Add	*2.69*	
22 07 19 00-1220	LF	2" I.D. (2-1/8" Outside Diameter Pipe), 3/4" Wall Flexible Elastomeric Unicellular Insulation	20.39	4.52
		For Work In Restricted Working Space, Add	*2.71*	
22 07 19 00-1221	LF	2-1/2" I.D. (2-5/8" Outside Diameter Pipe), 3/4" Wall Flexible Elastomeric Unicellular Insulation	23.54	4.61
		For Work In Restricted Working Space, Add	*2.76*	
22 07 19 00-1222	LF	3" I.D. (3-1/8" Outside Diameter Pipe), 3/4" Wall Flexible Elastomeric Unicellular Insulation	25.72	4.67
		For Work In Restricted Working Space, Add	*2.80*	
22 07 19 00-1223	LF	3-1/2" I.D. (3-5/8" Outside Diameter Pipe), 3/4" Wall Flexible Elastomeric Unicellular Insulation	29.33	4.72
		For Work In Restricted Working Space, Add	*2.84*	
22 07 19 00-1224	LF	4" I.D. (4-1/8" Outside Diameter Pipe), 3/4" Wall Flexible Elastomeric Unicellular Insulation	30.97	4.78
		For Work In Restricted Working Space, Add	*2.87*	
22 07 19 00-1225		**1" Wall Flexible Elastomeric Unicellular Insulation** *(22 07 19 00-1190)*		
22 07 19 00-1226	LF	3/8" I.D. (1/2" Outside Diameter Pipe), 1" Wall Flexible Elastomeric Unicellular Insulation	15.93	4.43
		For Work In Restricted Working Space, Add	*2.66*	
22 07 19 00-1227	LF	1/2" I.D. (5/8" Outside Diameter Pipe), 1" Wall Flexible Elastomeric Unicellular Insulation	16.75	4.61
		For Work In Restricted Working Space, Add	*2.76*	
22 07 19 00-1228	LF	3/4" I.D. (7/8" Outside Diameter Pipe), 1" Wall Flexible Elastomeric Unicellular Insulation	18.62	4.67
		For Work In Restricted Working Space, Add	*2.80*	
22 07 19 00-1229	LF	1" I.D. (1-1/8" Outside Diameter Pipe), 1" Wall Flexible Elastomeric Unicellular Insulation	20.87	4.78
		For Work In Restricted Working Space, Add	*2.87*	
22 07 19 00-1230	LF	1-1/4" I.D. (1-3/8" Outside Diameter Pipe), 1" Wall Flexible Elastomeric Unicellular Insulation	22.90	4.90
		For Work In Restricted Working Space, Add	*2.94*	
22 07 19 00-1231	LF	1-1/2" I.D. (1-5/8" Outside Diameter Pipe), 1" Wall Flexible Elastomeric Unicellular Insulation	24.43	4.96
		For Work In Restricted Working Space, Add	*2.98*	
22 07 19 00-1232	LF	2" I.D. (2-1/8" Outside Diameter Pipe), 1" Wall Flexible Elastomeric Unicellular Insulation	27.51	5.02
		For Work In Restricted Working Space, Add	*3.02*	
22 07 19 00-1233	LF	2-1/2" I.D. (2-5/8" Outside Diameter Pipe), 1" Wall Flexible Elastomeric Unicellular Insulation	34.93	5.15
		For Work In Restricted Working Space, Add	*3.08*	
22 07 19 00-1234	LF	3" I.D. (3-1/8" Outside Diameter Pipe), 1" Wall Flexible Elastomeric Unicellular Insulation	40.29	5.21
		For Work In Restricted Working Space, Add	*3.12*	
22 07 19 00-1235	LF	3-1/2" I.D. (3-5/8" Outside Diameter Pipe), 1" Wall Flexible Elastomeric Unicellular Insulation	43.17	5.27
		For Work In Restricted Working Space, Add	*3.16*	
22 07 19 00-1236	LF	4" I.D. (4-1/8" Outside Diameter Pipe), 1" Wall Flexible Elastomeric Unicellular Insulation	49.10	5.39
		For Work In Restricted Working Space, Add	*3.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

22 10 Plumbing Piping *(22)*

Note: The demolition price for only the length of pipe (LF) shall be used for lengths (LF) of pipe removal which exclude the fittings, valves, and insulation. The demolition price for individual fittings, valves, and insulation shall not be used in conjunction with pipe (LF) demolition tasks.

22 11 Facility Water Distribution *(22 10)*

22 11 16 Domestic Water Piping *(22 11)*

Note: The demolition price for only the length of pipe (LF) shall be used for lengths (LF) of pipe removal which exclude the fittings, valves, and insulation. The demolition price for individual fittings, valves, and insulation shall not be used in conjunction with pipe (LF) demolition tasks. See CSI section 23 21 13 00-0000 for black steel piping and fitting.

22 11 16 00-0001 Galvanized Steel Pipe Assemblies *(22 11 16)*

Note: (ASTM A-53) Threaded and coupled. Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Includes cutting and threading to length where necessary. Not for use where detail is available.

22 11 16 00-0002	LF	1/2" Schedule 40 Threaded Galvanized Steel Pipe With 150 LB Malleable Iron Fitting Assembly	20.30	4.24
		Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.		
		For ASTM 120, Deduct	*-0.94*	
		For Work In Restricted Working Space, Add	*4.22*	
		For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	*5.62*	
22 11 16 00-0003	LF	3/4" Schedule 40 Threaded Galvanized Steel Pipe With 150 LB Malleable Iron Fitting Assembly	22.48	4.55
		Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.		
		For ASTM 120, Deduct	*-1.14*	
		For Work In Restricted Working Space, Add	*4.46*	
		For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	*6.40*	
22 11 16 00-0004	LF	1" Schedule 40 Threaded Galvanized Steel Pipe With 150 LB Malleable Iron Fitting Assembly	25.84	4.98
		Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.		
		For ASTM 120, Deduct	*-1.49*	
		For Work In Restricted Working Space, Add	*4.77*	
		For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	*7.65*	
22 11 16 00-0005	LF	1-1/4" Schedule 40 Threaded Galvanized Steel Pipe With 150 LB Malleable Iron Fitting Assembly	31.03	5.19
		Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.		
		For ASTM 120, Deduct	*-2.12*	
		For Work In Restricted Working Space, Add	*5.06*	
		For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	*9.74*	
22 11 16 00-0006	LF	1-1/2" Schedule 40 Threaded Galvanized Steel Pipe With 150 LB Malleable Iron Fitting Assembly	33.61	6.15
		Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.		
		For ASTM 120, Deduct	*-2.40*	
		For Work In Restricted Working Space, Add	*5.28*	
		For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	*10.72*	
22 11 16 00-0007	LF	2" Schedule 40 Threaded Galvanized Steel Pipe With 150 LB Malleable Iron Fitting Assembly	40.83	7.41
		Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.		
		For ASTM 120, Deduct	*-3.12*	
		For Work In Restricted Working Space, Add	*6.01*	
		For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	*13.36*	
22 11 16 00-0008	LF	2-1/2" Schedule 40 Threaded Galvanized Steel Pipe With 150 LB Malleable Iron Fitting Assembly	59.93	8.79
		Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.		
		For ASTM 120, Deduct	*-5.47*	
		For Work In Restricted Working Space, Add	*7.04*	
		For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	*21.10*	
22 11 16 00-0009	LF	3" Schedule 40 Threaded Galvanized Steel Pipe With 150 LB Malleable Iron Fitting Assembly	74.60	11.76
		Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.		
		For ASTM 120, Deduct	*-6.92*	
		For Work In Restricted Working Space, Add	*8.54*	
		For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	*26.46*	
22 11 16 00-0010	LF	4" Schedule 40 Threaded Galvanized Steel Pipe With 150 LB Malleable Iron Fitting Assembly	114.67	14.10
		Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.		
		For ASTM 120, Deduct	*-12.26*	
		For Work In Restricted Working Space, Add	*9.88*	
		For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	*43.37*	
22 11 16 00-0011	LF	5" Schedule 40 Threaded Galvanized Steel Pipe With 150 LB Malleable Iron Fitting Assembly	208.38	18.02
		Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.		
		For ASTM 120, Deduct	*-25.29*	
		For Work In Restricted Working Space, Add	*11.94*	
		For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	*83.82*	
22 11 16 00-0012	LF	6" Schedule 40 Threaded Galvanized Steel Pipe With 150 LB Malleable Iron Fitting Assembly	235.73	21.31
		Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.		
		For ASTM 120, Deduct	*-28.58*	
		For Work In Restricted Working Space, Add	*13.56*	
		For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	*94.78*	

22 11 16 00-0013 Galvanized Steel Pipe And Threaded Fittings *(22 11 16)*

Note: (ASTM A-53) Threaded and coupled, schedule 40. Excludes hangers, elbow, tee, or reducer fittings.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0014		**Continuous Weld, Threaded And Coupled, Galvanized Steel Pipe** *(22 11 16 00-0013)* Note: ASTM A-53. Welded pipe has a weld bead on the inside. Includes coupling. Includes cutting and threading to length where necessary.		
22 11 16 00-0015	LF	1/2" Schedule 40, Continuous Weld, Threaded And Coupled, Galvanized Steel Pipe	9.85	4.24
		For ASTM 120, Deduct	*-0.51*	
		For Work In Restricted Working Space, Add	*1.93*	
		For Schedule 80 Pipe, Add	*2.29*	
22 11 16 00-0016	LF	3/4" Schedule 40, Continuous Weld, Threaded And Coupled, Galvanized Steel Pipe	11.37	4.55
		For ASTM 120, Deduct	*-0.68*	
		For Work In Restricted Working Space, Add	*2.05*	
		For Schedule 80 Pipe, Add	*2.86*	
22 11 16 00-0017	LF	1" Schedule 40, Continuous Weld, Threaded And Coupled, Galvanized Steel Pipe	14.13	4.98
		For ASTM 120, Deduct	*-1.01*	
		For Work In Restricted Working Space, Add	*2.22*	
		For Schedule 80 Pipe, Add	*3.97*	
22 11 16 00-0018	LF	1-1/4" Schedule 40, Continuous Weld, Threaded And Coupled, Galvanized Steel Pipe	16.96	5.19
		For ASTM 120, Deduct	*-1.37*	
		For Work In Restricted Working Space, Add	*2.36*	
		For Schedule 80 Pipe, Add	*5.16*	
22 11 16 00-0019	LF	1-1/2" Schedule 40, Continuous Weld, Threaded And Coupled, Galvanized Steel Pipe	20.12	6.15
		For ASTM 120, Deduct	*-1.64*	
		For Work In Restricted Working Space, Add	*2.77*	
		For Schedule 80 Pipe, Add	*6.15*	
22 11 16 00-0020	LF	2" Schedule 40, Continuous Weld, Threaded And Coupled, Galvanized Steel Pipe	25.78	7.41
		For ASTM 120, Deduct	*-2.19*	
		For Work In Restricted Working Space, Add	*3.35*	
		For Schedule 80 Pipe, Add	*8.14*	
22 11 16 00-0021	LF	2-1/2" Schedule 40, Continuous Weld, Threaded And Coupled, Galvanized Steel Pipe	36.46	8.79
		For ASTM 120, Deduct	*-3.48*	
		For Work In Restricted Working Space, Add	*3.98*	
		For Schedule 80 Pipe, Add	*12.47*	
22 11 16 00-0022	LF	3" Schedule 40, Continuous Weld, Threaded And Coupled, Galvanized Steel Pipe	48.05	11.76
		For ASTM 120, Deduct	*-4.56*	
		For Work In Restricted Working Space, Add	*5.30*	
		For Schedule 80 Pipe, Add	*16.35*	
22 11 16 00-0023	LF	4" Schedule 40, Continuous Weld, Threaded And Coupled, Galvanized Steel Pipe	64.46	14.10
		For ASTM 120, Deduct	*-6.49*	
		For Work In Restricted Working Space, Add	*6.36*	
		For Schedule 80 Pipe, Add	*22.88*	
22 11 16 00-0024	LF	5" Schedule 40, Continuous Weld, Threaded And Coupled, Galvanized Steel Pipe	85.00	18.02
		For ASTM 120, Deduct	*-8.70*	
		For Work In Restricted Working Space, Add	*8.09*	
		For Schedule 80 Pipe, Add	*30.55*	
22 11 16 00-0025	LF	6" Schedule 40, Continuous Weld, Threaded And Coupled, Galvanized Steel Pipe	107.17	21.31
		For ASTM 120, Deduct	*-11.29*	
		For Work In Restricted Working Space, Add	*9.57*	
		For Schedule 80 Pipe, Add	*39.32*	
22 11 16 00-0026	LF	8" Schedule 40, Continuous Weld, Threaded And Coupled, Galvanized Steel Pipe	119.86	25.76
		For ASTM 120, Deduct	*-12.20*	
		For Work In Restricted Working Space, Add	*11.57*	
		For Schedule 80 Pipe, Add	*42.88*	
22 11 16 00-0027		**Seamless, Threaded And Coupled, Galvanized Steel Pipe** *(22 11 16 00-0013)* Note: ASTM A-53. Includes coupling. Includes cutting and threading to length where necessary.		
22 11 16 00-0028	LF	1/2" Schedule 40, Seamless, Threaded Galvanized Steel Pipe	15.83	4.24
		For ASTM 120, Deduct	*-1.41*	
		For Work In Restricted Working Space, Add	*1.93*	
		For Schedule 80 Pipe, Add	*5.16*	
22 11 16 00-0029	LF	3/4" Schedule 40, Seamless, Threaded Galvanized Steel Pipe	18.11	4.55
		For ASTM 120, Deduct	*-1.69*	
		For Work In Restricted Working Space, Add	*2.05*	
		For Schedule 80 Pipe, Add	*6.09*	
22 11 16 00-0030	LF	1" Schedule 40, Seamless, Threaded Galvanized Steel Pipe	20.51	4.98
		For ASTM 120, Deduct	*-1.97*	
		For Work In Restricted Working Space, Add	*2.22*	
		For Schedule 80 Pipe, Add	*7.03*	
22 11 16 00-0031	LF	1-1/4" Schedule 40, Seamless, Threaded Galvanized Steel Pipe	24.32	5.19
		For ASTM 120, Deduct	*-2.47*	
		For Work In Restricted Working Space, Add	*2.36*	
		For Schedule 80 Pipe, Add	*8.69*	
22 11 16 00-0032	LF	1-1/2" Schedule 40, Seamless, Threaded Galvanized Steel Pipe	28.03	6.15
		For ASTM 120, Deduct	*-2.82*	
		For Work In Restricted Working Space, Add	*2.77*	
		For Schedule 80 Pipe, Add	*9.95*	
22 11 16 00-0033	LF	2" Schedule 40, Seamless, Threaded Galvanized Steel Pipe	32.58	7.41
		For ASTM 120, Deduct	*-3.21*	
		For Work In Restricted Working Space, Add	*3.35*	
		For Schedule 80 Pipe, Add	*11.40*	
22 11 16 00-0034	LF	2-1/2" Schedule 40, Seamless, Threaded Galvanized Steel Pipe	49.11	8.79
		For ASTM 120, Deduct	*-5.38*	
		For Work In Restricted Working Space, Add	*3.98*	
		For Schedule 80 Pipe, Add	*18.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0035	LF	3" Schedule 40, Seamless, Threaded Galvanized Steel Pipe	61.51	11.76
		For ASTM 120, Deduct	*-6.58*	
		For Work In Restricted Working Space, Add	*5.30*	
		For Schedule 80 Pipe, Add	*22.81*	
22 11 16 00-0036	LF	4" Schedule 40, Seamless, Threaded Galvanized Steel Pipe	83.89	14.10
		For ASTM 120, Deduct	*-9.40*	
		For Work In Restricted Working Space, Add	*6.36*	
		For Schedule 80 Pipe, Add	*32.21*	
22 11 16 00-0037	LF	5" Schedule 40, Seamless, Threaded Galvanized Steel Pipe	108.80	18.02
		For ASTM 120, Deduct	*-12.27*	
		For Work In Restricted Working Space, Add	*8.09*	
		For Schedule 80 Pipe, Add	*41.97*	
22 11 16 00-0038	LF	6" Schedule 40, Seamless, Threaded Galvanized Steel Pipe	136.58	21.31
		For ASTM 120, Deduct	*-15.70*	
		For Work In Restricted Working Space, Add	*9.57*	
		For Schedule 80 Pipe, Add	*53.43*	

22 11 16 00-0039 Galvanized Malleable Iron 90 Degree Elbows *(22 11 16 00-0013)*

22 11 16 00-0040	EA	1/2", 150 LB, Galvanized Malleable Iron 90 Degree Elbow	33.33	18.86
		For 300 LB Rating, Add	*18.93*	
		For ASTM 120, Deduct	*-0.76*	
		For Work In Restricted Working Space, Add	*8.48*	
22 11 16 00-0041	EA	3/4", 150 LB, Galvanized Malleable Iron 90 Degree Elbow	37.85	21.09
		For 300 LB Rating, Add	*23.08*	
		For ASTM 120, Deduct	*-0.93*	
		For Work In Restricted Working Space, Add	*9.49*	
22 11 16 00-0042	EA	1", 150 LB, Galvanized Malleable Iron 90 Degree Elbow	46.86	23.52
		For 300 LB Rating, Add	*41.36*	
		For ASTM 120, Deduct	*-1.73*	
		For Work In Restricted Working Space, Add	*10.60*	
22 11 16 00-0043	EA	1-1/4", 150 LB, Galvanized Malleable Iron 90 Degree Elbow	58.21	26.70
		For 300 LB Rating, Add	*64.38*	
		For ASTM 120, Deduct	*-2.73*	
		For Work In Restricted Working Space, Add	*11.99*	
22 11 16 00-0044	EA	1-1/2", 150 LB, Galvanized Malleable Iron 90 Degree Elbow	68.87	30.09
		For 300 LB Rating, Add	*83.59*	
		For ASTM 120, Deduct	*-3.57*	
		For Work In Restricted Working Space, Add	*13.52*	
22 11 16 00-0045	EA	2", 150 LB, Galvanized Malleable Iron 90 Degree Elbow	96.24	38.25
		For 300 LB Rating, Add	*135.93*	
		For ASTM 120, Deduct	*-5.85*	
		For Work In Restricted Working Space, Add	*17.18*	
22 11 16 00-0046	EA	2-1/2", 150 LB, Galvanized Malleable Iron 90 Degree Elbow	186.74	56.58
		For 300 LB Rating, Add	*351.82*	
		For ASTM 120, Deduct	*-15.30*	
		For Work In Restricted Working Space, Add	*25.43*	
22 11 16 00-0047	EA	3", 150 LB, Galvanized Malleable Iron 90 Degree Elbow	279.66	74.38
		For 300 LB Rating, Add	*578.33*	
		For ASTM 120, Deduct	*-25.22*	
		For Work In Restricted Working Space, Add	*33.46*	
22 11 16 00-0048	EA	4", 150 LB, Galvanized Malleable Iron 90 Degree Elbow	420.21	82.47
		For 300 LB Rating, Add	*1,015.66*	
		For ASTM 120, Deduct	*-44.48*	
		For Work In Restricted Working Space, Add	*37.10*	
22 11 16 00-0049	EA	5", 150 LB, Galvanized Malleable Iron 90 Degree Elbow	1,409.64	86.07
		For 300 LB Rating, Add	*4,361.75*	
		For ASTM 120, Deduct	*-192.09*	
		For Work In Restricted Working Space, Add	*38.72*	
22 11 16 00-0050	EA	6", 150 LB, Galvanized Malleable Iron 90 Degree Elbow	1,315.49	90.00
		For 300 LB Rating, Add	*4,022.03*	
		For ASTM 120, Deduct	*-177.09*	
		For Work In Restricted Working Space, Add	*40.48*	
22 11 16 00-0051	EA	8", 150 LB, Galvanized Malleable Iron 90 Degree Elbow	1,565.27	94.04
		For 300 LB Rating, Add	*4,851.01*	
		For ASTM 120, Deduct	*-213.64*	
		For Work In Restricted Working Space, Add	*42.30*	

22 11 16 00-0052 Galvanized Malleable Iron Reducing 90 Degree Elbows *(22 11 16 00-0013)*

22 11 16 00-0053	EA	3/4" x 1/2", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	40.77	19.92
		For ASTM 120, Deduct	*-1.62*	
		For Work In Restricted Working Space, Add	*8.98*	
22 11 16 00-0054	EA	1" x 3/4", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	47.36	22.35
		For ASTM 120, Deduct	*-2.08*	
		For Work In Restricted Working Space, Add	*10.04*	
22 11 16 00-0055	EA	1" x 1/2", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	46.52	21.19
		For ASTM 120, Deduct	*-2.21*	
		For Work In Restricted Working Space, Add	*9.53*	
22 11 16 00-0056	EA	1-1/4" x 1", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	60.96	25.11
		For ASTM 120, Deduct	*-3.50*	
		For Work In Restricted Working Space, Add	*11.30*	
22 11 16 00-0057	EA	1-1/4" x 3/4", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	63.80	23.84
		For ASTM 120, Deduct	*-4.20*	
		For Work In Restricted Working Space, Add	*10.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0058	EA	1-1/4" x 1/2", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	63.79	22.78
		For ASTM 120, Deduct	*-4.45*	
		For Work In Restricted Working Space, Add	*10.24*	
22 11 16 00-0059	EA	1-1/2" x 1-1/4", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	79.78	28.40
		For ASTM 120, Deduct	*-5.59*	
		For Work In Restricted Working Space, Add	*12.76*	
22 11 16 00-0060	EA	1-1/2" x 1", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	77.45	26.81
		For ASTM 120, Deduct	*-5.59*	
		For Work In Restricted Working Space, Add	*12.06*	
22 11 16 00-0061	EA	1-1/2" x 3/4", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	75.60	25.54
		For ASTM 120, Deduct	*-5.59*	
		For Work In Restricted Working Space, Add	*11.51*	
22 11 16 00-0062	EA	2" x 1-1/2", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	94.70	34.12
		For ASTM 120, Deduct	*-6.53*	
		For Work In Restricted Working Space, Add	*15.35*	
22 11 16 00-0063	EA	2" x 1-1/4", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	98.51	32.42
		For ASTM 120, Deduct	*-7.48*	
		For Work In Restricted Working Space, Add	*14.59*	
22 11 16 00-0064	EA	2" x 1", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	98.05	30.84
		For ASTM 120, Deduct	*-7.76*	
		For Work In Restricted Working Space, Add	*13.89*	
22 11 16 00-0065	EA	2" x 3/4", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	83.72	29.67
		For ASTM 120, Deduct	*-5.89*	
		For Work In Restricted Working Space, Add	*13.34*	
22 11 16 00-0066	EA	2-1/2" x 2", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	218.52	47.36
		For ASTM 120, Deduct	*-22.13*	
		For Work In Restricted Working Space, Add	*21.31*	
22 11 16 00-0067	EA	2-1/2" x 1-1/2", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	229.26	43.34
		For ASTM 120, Deduct	*-24.65*	
		For Work In Restricted Working Space, Add	*19.48*	
22 11 16 00-0068	EA	3" x 2-1/2", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	366.22	65.48
		For ASTM 120, Deduct	*-40.21*	
		For Work In Restricted Working Space, Add	*29.44*	
22 11 16 00-0069	EA	3" x 2", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	317.24	56.26
		For ASTM 120, Deduct	*-34.93*	
		For Work In Restricted Working Space, Add	*25.32*	
22 11 16 00-0070	EA	4" x 3", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	724.27	78.44
		For ASTM 120, Deduct	*-91.00*	
		For Work In Restricted Working Space, Add	*35.29*	

22 11 16 00-0071 Galvanized Malleable Iron 45 Degree Elbow *(22 11 16 00-0013)*

22 11 16 00-0072	EA	1/2", 150 LB, Galvanized Malleable Iron 45 Degree Elbow	34.97	18.86
		For 300 LB Rating, Add	*24.51*	
		For ASTM 120, Deduct	*-1.01*	
		For Work In Restricted Working Space, Add	*8.48*	
22 11 16 00-0073	EA	3/4", 150 LB, Galvanized Malleable Iron 45 Degree Elbow	41.28	21.09
		For 300 LB Rating, Add	*34.74*	
		For ASTM 120, Deduct	*-1.45*	
		For Work In Restricted Working Space, Add	*9.49*	
22 11 16 00-0074	EA	1", 150 LB, Galvanized Malleable Iron 45 Degree Elbow	46.22	23.52
		For 300 LB Rating, Add	*39.18*	
		For ASTM 120, Deduct	*-1.64*	
		For Work In Restricted Working Space, Add	*10.60*	
22 11 16 00-0075	EA	1-1/4", 150 LB, Galvanized Malleable Iron 45 Degree Elbow	60.34	26.70
		For 300 LB Rating, Add	*71.62*	
		For ASTM 120, Deduct	*-3.05*	
		For Work In Restricted Working Space, Add	*11.99*	
22 11 16 00-0076	EA	1-1/2", 150 LB, Galvanized Malleable Iron 45 Degree Elbow	69.00	30.09
		For 300 LB Rating, Add	*84.03*	
		For ASTM 120, Deduct	*-3.59*	
		For Work In Restricted Working Space, Add	*13.52*	
22 11 16 00-0077	EA	2", 150 LB, Galvanized Malleable Iron 45 Degree Elbow	92.66	38.25
		For 300 LB Rating, Add	*123.76*	
		For ASTM 120, Deduct	*-5.31*	
		For Work In Restricted Working Space, Add	*17.18*	
22 11 16 00-0078	EA	2-1/2", 150 LB, Galvanized Malleable Iron 45 Degree Elbow	207.90	56.58
		For 300 LB Rating, Add	*423.76*	
		For ASTM 120, Deduct	*-18.47*	
		For Work In Restricted Working Space, Add	*25.43*	
22 11 16 00-0079	EA	3", 150 LB, Galvanized Malleable Iron 45 Degree Elbow	290.63	74.38
		For 300 LB Rating, Add	*615.63*	
		For ASTM 120, Deduct	*-26.87*	
		For Work In Restricted Working Space, Add	*33.46*	
22 11 16 00-0080	EA	4", 150 LB, Galvanized Malleable Iron 45 Degree Elbow	423.93	82.47
		For 300 LB Rating, Add	*1,028.30*	
		For ASTM 120, Deduct	*-45.04*	
		For Work In Restricted Working Space, Add	*37.10*	
22 11 16 00-0081	EA	5", 150 LB, Galvanized Malleable Iron 45 Degree Elbow	1,342.33	86.07
		For 300 LB Rating, Add	*4,132.90*	
		For ASTM 120, Deduct	*-181.99*	
		For Work In Restricted Working Space, Add	*38.72*	
22 11 16 00-0082	EA	6", 150 LB, Galvanized Malleable Iron 45 Degree Elbow	1,597.86	90.00
		For 300 LB Rating, Add	*4,982.09*	
		For ASTM 120, Deduct	*-219.44*	
		For Work In Restricted Working Space, Add	*40.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0083	EA	8", 150 LB, Galvanized Malleable Iron 45 Degree Elbow	1,903.41	94.04
		For 300 LB Rating, Add	*6,000.69*	
		For ASTM 120, Deduct	*-264.36*	
		For Work In Restricted Working Space, Add	*42.30*	

22 11 16 00-0084 Galvanized Malleable Iron Tees *(22 11 16 00-0013)*

22 11 16 00-0085	EA	1/2", 150 LB, Galvanized Malleable Iron Tee	41.89	23.52
		For 300 LB Rating, Add	*24.46*	
		For ASTM 120, Deduct	*-0.99*	
		For Work In Restricted Working Space, Add	*10.60*	
22 11 16 00-0086	EA	3/4", 150 LB, Galvanized Malleable Iron Tee	51.58	27.23
		For 300 LB Rating, Add	*39.27*	
		For ASTM 120, Deduct	*-1.62*	
		For Work In Restricted Working Space, Add	*12.23*	
22 11 16 00-0087	EA	1", 150 LB, Galvanized Malleable Iron Tee	65.67	32.11
		For 300 LB Rating, Add	*62.42*	
		For ASTM 120, Deduct	*-2.63*	
		For Work In Restricted Working Space, Add	*14.45*	
22 11 16 00-0088	EA	1-1/4", 150 LB, Galvanized Malleable Iron Tee	85.07	38.25
		For 300 LB Rating, Add	*97.96*	
		For ASTM 120, Deduct	*-4.17*	
		For Work In Restricted Working Space, Add	*17.18*	
22 11 16 00-0089	EA	1-1/2", 150 LB, Galvanized Malleable Iron Tee	102.90	45.56
		For 300 LB Rating, Add	*121.57*	
		For ASTM 120, Deduct	*-5.18*	
		For Work In Restricted Working Space, Add	*20.51*	
22 11 16 00-0090	EA	2", 150 LB, Galvanized Malleable Iron Tee	140.92	56.58
		For 300 LB Rating, Add	*196.03*	
		For ASTM 120, Deduct	*-8.42*	
		For Work In Restricted Working Space, Add	*25.43*	
22 11 16 00-0091	EA	2-1/2", 150 LB, Galvanized Malleable Iron Tee	250.24	61.45
		For 300 LB Rating, Add	*543.10*	
		For ASTM 120, Deduct	*-23.72*	
		For Work In Restricted Working Space, Add	*27.64*	
22 11 16 00-0092	EA	3", 150 LB, Galvanized Malleable Iron Tee	296.94	74.38
		For 300 LB Rating, Add	*637.09*	
		For ASTM 120, Deduct	*-27.81*	
		For Work In Restricted Working Space, Add	*33.46*	
22 11 16 00-0093	EA	4", 150 LB, Galvanized Malleable Iron Tee	594.85	104.21
		For 300 LB Rating, Add	*1,500.72*	
		For ASTM 120, Deduct	*-65.79*	
		For Work In Restricted Working Space, Add	*46.87*	
22 11 16 00-0094	EA	5", 150 LB, Galvanized Malleable Iron Tee	1,564.28	123.71
		For 300 LB Rating, Add	*4,698.95*	
		For ASTM 120, Deduct	*-206.82*	
		For Work In Restricted Working Space, Add	*55.65*	
22 11 16 00-0095	EA	6", 150 LB, Galvanized Malleable Iron Tee	1,775.86	141.41
		For 300 LB Rating, Add	*5,329.81*	
		For ASTM 120, Deduct	*-234.58*	
		For Work In Restricted Working Space, Add	*63.60*	
22 11 16 00-0096	EA	8", 150 LB, Galvanized Malleable Iron Tee	2,112.56	167.91
		For 300 LB Rating, Add	*6,332.94*	
		For ASTM 120, Deduct	*-278.72*	
		For Work In Restricted Working Space, Add	*76.33*	

22 11 16 00-0097 Galvanized Malleable Iron Reducing Tee *(22 11 16 00-0013)*

22 11 16 00-0098	EA	1/2", 150 LB, Galvanized Malleable Iron Reducing Tee	50.59	23.52
		For 300 LB Rating, Add	*54.04*	
		For ASTM 120, Deduct	*-2.29*	
		For Work In Restricted Working Space, Add	*10.60*	
22 11 16 00-0099	EA	3/4", 150 LB, Galvanized Malleable Iron Reducing Tee	55.81	27.23
		For 300 LB Rating, Add	*53.65*	
		For ASTM 120, Deduct	*-2.26*	
		For Work In Restricted Working Space, Add	*12.23*	
22 11 16 00-0100	EA	1", 150 LB, Galvanized Malleable Iron Reducing Tee	69.32	32.11
		For 300 LB Rating, Add	*74.83*	
		For ASTM 120, Deduct	*-3.17*	
		For Work In Restricted Working Space, Add	*14.45*	
22 11 16 00-0101	EA	1-1/4", 150 LB, Galvanized Malleable Iron Reducing Tee	90.08	38.25
		For 300 LB Rating, Add	*114.99*	
		For ASTM 120, Deduct	*-4.92*	
		For Work In Restricted Working Space, Add	*17.18*	
22 11 16 00-0102	EA	1-1/2", 150 LB, Galvanized Malleable Iron Reducing Tee	108.87	45.56
		For 300 LB Rating, Add	*141.87*	
		For ASTM 120, Deduct	*-6.08*	
		For Work In Restricted Working Space, Add	*20.51*	
22 11 16 00-0103	EA	2", 150 LB, Galvanized Malleable Iron Reducing Tee	143.93	56.58
		For 300 LB Rating, Add	*206.26*	
		For ASTM 120, Deduct	*-8.88*	
		For Work In Restricted Working Space, Add	*25.43*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0104	EA	2-1/2", 150 LB, Galvanized Malleable Iron Reducing Tee	301.39	61.66
		For 300 LB Rating, Add	*716.04*	
		For ASTM 120, Deduct	*-31.35*	
		For Work In Restricted Working Space, Add	*27.73*	
22 11 16 00-0105	EA	3", 150 LB, Galvanized Malleable Iron Reducing Tee	384.31	75.55
		For 300 LB Rating, Add	*928.27*	
		For ASTM 120, Deduct	*-40.65*	
		For Work In Restricted Working Space, Add	*33.99*	
22 11 16 00-0106	EA	4", 150 LB, Galvanized Malleable Iron Reducing Tee	941.87	104.21
		For 300 LB Rating, Add	*2,680.58*	
		For ASTM 120, Deduct	*-117.85*	
		For Work In Restricted Working Space, Add	*46.87*	
22 11 16 00-0107	EA	5", 150 LB, Galvanized Malleable Iron Reducing Tee	2,007.24	123.71
		For 300 LB Rating, Add	*6,205.01*	
		For ASTM 120, Deduct	*-273.26*	
		For Work In Restricted Working Space, Add	*55.65*	
22 11 16 00-0108	EA	6", 150 LB, Galvanized Malleable Iron Reducing Tee	2,278.93	141.41
		For 300 LB Rating, Add	*7,040.25*	
		For ASTM 120, Deduct	*-310.04*	
		For Work In Restricted Working Space, Add	*63.60*	
22 11 16 00-0109	EA	8", 150 LB, Galvanized Malleable Iron Reducing Tee	2,735.99	162.38
		For 300 LB Rating, Add	*8,488.04*	
		For ASTM 120, Deduct	*-373.83*	
		For Work In Restricted Working Space, Add	*73.14*	

22 11 16 00-0110 Galvanized Malleable Iron Couplings *(22 11 16 00-0013)*

22 11 16 00-0111	EA	1/2", 150 LB, Galvanized Malleable Iron Coupling	38.89	18.86
		For 300 LB Rating, Add	*37.84*	
		For ASTM 120, Deduct	*-1.59*	
		For Work In Restricted Working Space, Add	*8.48*	
22 11 16 00-0112	EA	3/4", 150 LB, Galvanized Malleable Iron Coupling	43.87	21.09
		For 300 LB Rating, Add	*43.55*	
		For ASTM 120, Deduct	*-1.84*	
		For Work In Restricted Working Space, Add	*9.49*	
22 11 16 00-0113	EA	1", 150 LB, Galvanized Malleable Iron Coupling	55.39	23.52
		For 300 LB Rating, Add	*70.36*	
		For ASTM 120, Deduct	*-3.01*	
		For Work In Restricted Working Space, Add	*10.60*	
22 11 16 00-0114	EA	1-1/4", 150 LB, Galvanized Malleable Iron Coupling	68.29	26.70
		For 300 LB Rating, Add	*98.65*	
		For ASTM 120, Deduct	*-4.25*	
		For Work In Restricted Working Space, Add	*11.99*	
22 11 16 00-0115	EA	1-1/2", 150 LB, Galvanized Malleable Iron Coupling	77.25	30.09
		For 300 LB Rating, Add	*112.08*	
		For ASTM 120, Deduct	*-4.83*	
		For Work In Restricted Working Space, Add	*13.52*	
22 11 16 00-0116	EA	2", 150 LB, Galvanized Malleable Iron Coupling	104.31	38.25
		For 300 LB Rating, Add	*163.37*	
		For ASTM 120, Deduct	*-7.06*	
		For Work In Restricted Working Space, Add	*17.18*	
22 11 16 00-0117	EA	2-1/2", 150 LB, Galvanized Malleable Iron Coupling	228.75	56.58
		For 300 LB Rating, Add	*494.65*	
		For ASTM 120, Deduct	*-21.60*	
		For Work In Restricted Working Space, Add	*25.43*	
22 11 16 00-0118	EA	3", 150 LB, Galvanized Malleable Iron Coupling	303.98	74.38
		For 300 LB Rating, Add	*661.02*	
		For ASTM 120, Deduct	*-28.87*	
		For Work In Restricted Working Space, Add	*33.46*	
22 11 16 00-0119	EA	4", 150 LB, Galvanized Malleable Iron Coupling	532.39	82.47
		For 300 LB Rating, Add	*1,397.07*	
		For ASTM 120, Deduct	*-61.31*	
		For Work In Restricted Working Space, Add	*37.10*	
22 11 16 00-0120	EA	5", 150 LB, Galvanized Malleable Iron Coupling	1,279.93	86.07
		For 300 LB Rating, Add	*3,920.74*	
		For ASTM 120, Deduct	*-172.63*	
		For Work In Restricted Working Space, Add	*38.72*	
22 11 16 00-0121	EA	6", 150 LB, Galvanized Malleable Iron Coupling	1,446.08	90.00
		For 300 LB Rating, Add	*4,466.04*	
		For ASTM 120, Deduct	*-196.67*	
		For Work In Restricted Working Space, Add	*40.48*	
22 11 16 00-0122	EA	8", 150 LB, Galvanized Malleable Iron Coupling	1,721.21	94.04
		For 300 LB Rating, Add	*5,381.21*	
		For ASTM 120, Deduct	*-237.03*	
		For Work In Restricted Working Space, Add	*42.30*	

22 11 16 00-0123 Galvanized Malleable Iron Reducing Couplings *(22 11 16 00-0013)*

22 11 16 00-0124	EA	1/2", 150 LB, Galvanized Malleable Iron Reducing Coupling	41.15	18.86
		For 300 LB Rating, Add	*45.52*	
		For ASTM 120, Deduct	*-1.93*	
		For Work In Restricted Working Space, Add	*8.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0125	EA	3/4", 150 LB, Galvanized Malleable Iron Reducing Coupling	45.40	21.09
		For 300 LB Rating, Add	*48.75*	
		For ASTM 120, Deduct	*-2.07*	
		For Work In Restricted Working Space, Add	*9.49*	
22 11 16 00-0126	EA	1", 150 LB, Galvanized Malleable Iron Reducing Coupling	58.30	23.52
		For 300 LB Rating, Add	*80.25*	
		For ASTM 120, Deduct	*-3.45*	
		For Work In Restricted Working Space, Add	*10.60*	
22 11 16 00-0127	EA	1-1/4", 150 LB, Galvanized Malleable Iron Reducing Coupling	69.68	26.70
		For 300 LB Rating, Add	*103.38*	
		For ASTM 120, Deduct	*-4.46*	
		For Work In Restricted Working Space, Add	*11.99*	
22 11 16 00-0128	EA	1-1/2", 150 LB, Galvanized Malleable Iron Reducing Coupling	83.39	30.09
		For 300 LB Rating, Add	*132.96*	
		For ASTM 120, Deduct	*-5.75*	
		For Work In Restricted Working Space, Add	*13.52*	
22 11 16 00-0129	EA	2", 150 LB, Galvanized Malleable Iron Reducing Coupling	109.52	38.25
		For 300 LB Rating, Add	*181.09*	
		For ASTM 120, Deduct	*-7.84*	
		For Work In Restricted Working Space, Add	*17.18*	
22 11 16 00-0130	EA	2-1/2", 150 LB, Galvanized Malleable Iron Reducing Coupling	230.57	56.58
		For 300 LB Rating, Add	*500.84*	
		For ASTM 120, Deduct	*-21.87*	
		For Work In Restricted Working Space, Add	*25.43*	
22 11 16 00-0131	EA	3", 150 LB, Galvanized Malleable Iron Reducing Coupling	298.52	74.38
		For 300 LB Rating, Add	*642.46*	
		For ASTM 120, Deduct	*-28.05*	
		For Work In Restricted Working Space, Add	*33.46*	
22 11 16 00-0132	EA	4", 150 LB, Galvanized Malleable Iron Reducing Coupling	542.92	82.47
		For 300 LB Rating, Add	*1,432.87*	
		For ASTM 120, Deduct	*-62.89*	
		For Work In Restricted Working Space, Add	*37.10*	
22 11 16 00-0133	EA	5", 150 LB, Galvanized Malleable Iron Reducing Coupling	1,340.51	86.07
		For 300 LB Rating, Add	*4,126.71*	
		For ASTM 120, Deduct	*-181.72*	
		For Work In Restricted Working Space, Add	*38.72*	
22 11 16 00-0134	EA	6", 150 LB, Galvanized Malleable Iron Reducing Coupling	1,515.08	90.00
		For 300 LB Rating, Add	*4,700.64*	
		For ASTM 120, Deduct	*-207.02*	
		For Work In Restricted Working Space, Add	*40.48*	
22 11 16 00-0135	EA	8", 150 LB, Galvanized Malleable Iron Reducing Coupling	1,805.00	94.04
		For 300 LB Rating, Add	*5,666.09*	
		For ASTM 120, Deduct	*-249.60*	
		For Work In Restricted Working Space, Add	*42.30*	

22 11 16 00-0136 Galvanized Malleable Iron Caps *(22 11 16 00-0013)*

22 11 16 00-0137	EA	1/2", 150 LB, Galvanized Malleable Iron Cap	15.92	8.79
		For 300 LB Rating, Add	*9.87*	
		For ASTM 120, Deduct	*-0.40*	
		For Work In Restricted Working Space, Add	*3.98*	
22 11 16 00-0138	EA	3/4", 150 LB, Galvanized Malleable Iron Cap	17.81	9.43
		For 300 LB Rating, Add	*13.39*	
		For ASTM 120, Deduct	*-0.55*	
		For Work In Restricted Working Space, Add	*4.24*	
22 11 16 00-0139	EA	1", 150 LB, Galvanized Malleable Iron Cap	20.88	10.91
		For 300 LB Rating, Add	*16.55*	
		For ASTM 120, Deduct	*-0.69*	
		For Work In Restricted Working Space, Add	*4.89*	
22 11 16 00-0140	EA	1-1/4", 150 LB, Galvanized Malleable Iron Cap	23.11	11.44
		For 300 LB Rating, Add	*21.49*	
		For ASTM 120, Deduct	*-0.90*	
		For Work In Restricted Working Space, Add	*5.13*	
22 11 16 00-0141	EA	1-1/2", 150 LB, Galvanized Malleable Iron Cap	22.73	11.44
		For 300 LB Rating, Add	*20.20*	
		For ASTM 120, Deduct	*-0.85*	
		For Work In Restricted Working Space, Add	*5.13*	
22 11 16 00-0142	EA	2", 150 LB, Galvanized Malleable Iron Cap	34.86	15.15
		For 300 LB Rating, Add	*42.41*	
		For ASTM 120, Deduct	*-1.81*	
		For Work In Restricted Working Space, Add	*6.84*	
22 11 16 00-0143	EA	2-1/2", 150 LB, Galvanized Malleable Iron Cap	55.36	18.86
		For 300 LB Rating, Add	*93.84*	
		For ASTM 120, Deduct	*-4.07*	
		For Work In Restricted Working Space, Add	*8.48*	
22 11 16 00-0144	EA	3", 150 LB, Galvanized Malleable Iron Cap	72.75	22.78
		For 300 LB Rating, Add	*133.19*	
		For ASTM 120, Deduct	*-5.79*	
		For Work In Restricted Working Space, Add	*10.25*	
22 11 16 00-0145	EA	4", 150 LB, Galvanized Malleable Iron Cap	114.53	28.30
		For 300 LB Rating, Add	*247.75*	
		For ASTM 120, Deduct	*-10.82*	
		For Work In Restricted Working Space, Add	*12.72*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0146	EA	5", 150 LB, Galvanized Malleable Iron Cap	292.40	35.41
		For 300 LB Rating, Add	*817.14*	
		For ASTM 120, Deduct	*-35.91*	
		For Work In Restricted Working Space, Add	*15.90*	
22 11 16 00-0147	EA	6", 150 LB, Galvanized Malleable Iron Cap	364.87	42.08
		For 300 LB Rating, Add	*1,029.64*	
		For ASTM 120, Deduct	*-45.26*	
		For Work In Restricted Working Space, Add	*18.95*	
22 11 16 00-0148	EA	8", 150 LB, Galvanized Malleable Iron Cap	461.52	47.02
		For 300 LB Rating, Add	*1,333.70*	
		For ASTM 120, Deduct	*-58.65*	
		For Work In Restricted Working Space, Add	*21.15*	

22 11 16 00-0149 Galvanized Malleable Iron FIP Threaded, Unions *(22 11 16 00-0013)*

22 11 16 00-0150	EA	1/2", 150 LB, Galvanized Malleable Iron Union	57.27	23.52
		For Work In Restricted Working Space, Add	*10.60*	
22 11 16 00-0151	EA	3/4", 150 LB, Galvanized Malleable Iron Union	65.98	27.23
		For Work In Restricted Working Space, Add	*12.23*	
22 11 16 00-0152	EA	1", 150 LB, Galvanized Malleable Iron Union	81.20	32.11
		For Work In Restricted Working Space, Add	*14.45*	
22 11 16 00-0153	EA	1-1/4", 150 LB, Galvanized Malleable Iron Union	105.03	38.25
		For Work In Restricted Working Space, Add	*17.18*	
22 11 16 00-0154	EA	1-1/2", 150 LB, Galvanized Malleable Iron Union	126.22	45.56
		For Work In Restricted Working Space, Add	*20.51*	
22 11 16 00-0155	EA	2", 150 LB, Galvanized Malleable Iron Union	151.29	56.58
		For Work In Restricted Working Space, Add	*25.43*	
22 11 16 00-0156	EA	2-1/2", 150 LB, Galvanized Malleable Iron Union	356.23	83.38
		For Work In Restricted Working Space, Add	*37.54*	
22 11 16 00-0157	EA	3", 150 LB, Galvanized Malleable Iron Union	488.10	109.66
		For Work In Restricted Working Space, Add	*49.39*	
22 11 16 00-0158	EA	1/2", 250 LB, Galvanized Malleable Iron Union	79.95	23.52
		For Work In Restricted Working Space, Add	*10.59*	
22 11 16 00-0159	EA	3/4", 250 LB, Galvanized Malleable Iron Union	81.31	27.23
		For Work In Restricted Working Space, Add	*12.23*	
22 11 16 00-0160	EA	1", 250 LB, Galvanized Malleable Iron Union	98.44	32.11
		For Work In Restricted Working Space, Add	*14.45*	
22 11 16 00-0161	EA	1-1/4", 250 LB, Galvanized Malleable Iron Union	133.43	38.25
		For Work In Restricted Working Space, Add	*17.18*	
22 11 16 00-0162	EA	1-1/2", 250 LB, Galvanized Malleable Iron Union	156.04	45.56
		For Work In Restricted Working Space, Add	*20.51*	
22 11 16 00-0163	EA	2", 250 LB, Galvanized Malleable Iron Union	208.58	56.58
		For Work In Restricted Working Space, Add	*25.43*	
22 11 16 00-0164	EA	2-1/2", 250 LB, Galvanized Malleable Iron Union	450.85	83.38
		For Work In Restricted Working Space, Add	*37.54*	
22 11 16 00-0165	EA	3", 250 LB, Galvanized Malleable Iron Union	664.39	109.66
		For Work In Restricted Working Space, Add	*49.39*	
22 11 16 00-0166	EA	4", 250 LB, Galvanized Malleable Iron Union	966.50	121.69
		For Work In Restricted Working Space, Add	*54.77*	
22 11 16 00-0167	EA	1/2", 300 LB, Galvanized Malleable Iron Union	86.18	23.52
		For Work In Restricted Working Space, Add	*10.59*	
22 11 16 00-0168	EA	3/4", 300 LB, Galvanized Malleable Iron Union	95.91	27.23
		For Work In Restricted Working Space, Add	*12.23*	
22 11 16 00-0169	EA	1", 300 LB, Galvanized Malleable Iron Union	121.33	32.11
		For Work In Restricted Working Space, Add	*14.45*	
22 11 16 00-0170	EA	1-1/4", 300 LB, Galvanized Malleable Iron Union	159.31	38.25
		For Work In Restricted Working Space, Add	*17.18*	
22 11 16 00-0171	EA	1-1/2", 300 LB, Galvanized Malleable Iron Union	191.22	45.56
		For Work In Restricted Working Space, Add	*20.51*	
22 11 16 00-0172	EA	2", 300 LB, Galvanized Malleable Iron Union	232.23	56.58
		For Work In Restricted Working Space, Add	*25.43*	
22 11 16 00-0173	EA	2-1/2", 300 LB, Galvanized Malleable Iron Union	536.48	83.38
		For Work In Restricted Working Space, Add	*37.54*	
22 11 16 00-0174	EA	3", 300 LB, Galvanized Malleable Iron Union	860.34	109.66
		For Work In Restricted Working Space, Add	*49.39*	
22 11 16 00-0175	EA	4", 300 LB, Galvanized Malleable Iron Union	1,927.41	121.69
		For Work In Restricted Working Space, Add	*54.77*	

22 11 16 00-0176 Galvanized Steel Nipples *(22 11 16 00-0013)*

Note: ASTM A-53.

22 11 16 00-0177	EA	3/8" x Close, Schedule 40 Galvanized Steel Nipple	17.95	10.06
		For ASTM 120, Deduct	*-0.42*	
		For Work In Restricted Working Space, Add	*4.54*	
		For Schedule 80 Nipples, Add	*3.21*	
22 11 16 00-0178	EA	1/2" x Close, Schedule 40 Galvanized Steel Nipple	17.41	10.06
		For ASTM 120, Deduct	*-0.34*	
		For Work In Restricted Working Space, Add	*4.54*	
		For Schedule 80 Nipples, Add	*2.60*	
22 11 16 00-0179	EA	3/4" x Close, Schedule 40 Galvanized Steel Nipple	17.90	10.06
		For ASTM 120, Deduct	*-0.42*	
		For Work In Restricted Working Space, Add	*4.54*	
		For Schedule 80 Nipples, Add	*3.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0180	EA	1" x Close, Schedule 40 Galvanized Steel Nipple	20.10	10.91
		For ASTM 120, Deduct	*-0.57*	
		For Work In Restricted Working Space, Add	*4.89*	
		For Schedule 80 Nipples, Add	*4.33*	
22 11 16 00-0181	EA	1-1/4" x Close, Schedule 40 Galvanized Steel Nipple	22.75	11.76
		For ASTM 120, Deduct	*-0.76*	
		For Work In Restricted Working Space, Add	*5.30*	
		For Schedule 80 Nipples, Add	*5.80*	
22 11 16 00-0182	EA	1-1/2" x Close, Schedule 40 Galvanized Steel Nipple	23.63	11.76
		For ASTM 120, Deduct	*-0.90*	
		For Work In Restricted Working Space, Add	*5.30*	
		For Schedule 80 Nipples, Add	*6.81*	
22 11 16 00-0183	EA	2" x Close, Schedule 40 Galvanized Steel Nipple	31.21	15.15
		For ASTM 120, Deduct	*-1.26*	
		For Work In Restricted Working Space, Add	*6.84*	
		For Schedule 80 Nipples, Add	*9.60*	
22 11 16 00-0184	EA	2-1/2" x Close, Schedule 40 Galvanized Steel Nipple	53.33	18.86
		For ASTM 120, Deduct	*-3.76*	
		For Work In Restricted Working Space, Add	*8.48*	
		For Schedule 80 Nipples, Add	*28.58*	
22 11 16 00-0185	EA	3" x Close, Schedule 40 Galvanized Steel Nipple	64.22	22.78
		For ASTM 120, Deduct	*-4.51*	
		For Work In Restricted Working Space, Add	*10.25*	
		For Schedule 80 Nipples, Add	*34.25*	
22 11 16 00-0186	EA	4" x Close, Schedule 40 Galvanized Steel Nipple	87.44	28.30
		For ASTM 120, Deduct	*-6.75*	
		For Work In Restricted Working Space, Add	*12.72*	
		For Schedule 80 Nipples, Add	*51.33*	
22 11 16 00-0187	EA	3/8" x 1-1/2" Long, Schedule 40 Galvanized Steel Nipple	18.36	10.06
		For ASTM 120, Deduct	*-0.48*	
		For Work In Restricted Working Space, Add	*4.54*	
		For Schedule 80 Nipples, Add	*3.68*	
22 11 16 00-0188	EA	1/2" x 1-1/2" Long, Schedule 40 Galvanized Steel Nipple	17.53	10.06
		For ASTM 120, Deduct	*-0.36*	
		For Work In Restricted Working Space, Add	*4.54*	
		For Schedule 80 Nipples, Add	*2.74*	
22 11 16 00-0189	EA	3/4" x 1-1/2" Long, Schedule 40 Galvanized Steel Nipple	18.14	10.06
		For ASTM 120, Deduct	*-0.45*	
		For Work In Restricted Working Space, Add	*4.54*	
		For Schedule 80 Nipples, Add	*3.43*	
22 11 16 00-0190	EA	3/8" x 2" Long, Schedule 40 Galvanized Steel Nipple	18.36	10.06
		For ASTM 120, Deduct	*-0.48*	
		For Work In Restricted Working Space, Add	*4.54*	
		For Schedule 80 Nipples, Add	*3.68*	
22 11 16 00-0191	EA	1/2" x 2" Long, Schedule 40 Galvanized Steel Nipple	17.53	10.06
		For ASTM 120, Deduct	*-0.36*	
		For Work In Restricted Working Space, Add	*4.54*	
		For Schedule 80 Nipples, Add	*2.74*	
22 11 16 00-0192	EA	3/4" x 2" Long, Schedule 40 Galvanized Steel Nipple	18.14	10.06
		For ASTM 120, Deduct	*-0.45*	
		For Work In Restricted Working Space, Add	*4.54*	
		For Schedule 80 Nipples, Add	*3.43*	
22 11 16 00-0193	EA	1" x 2" Long, Schedule 40 Galvanized Steel Nipple	20.78	10.91
		For ASTM 120, Deduct	*-0.67*	
		For Work In Restricted Working Space, Add	*4.89*	
		For Schedule 80 Nipples, Add	*5.11*	
22 11 16 00-0194	EA	1-1/4" x 2" Long, Schedule 40 Galvanized Steel Nipple	23.12	11.76
		For ASTM 120, Deduct	*-0.82*	
		For Work In Restricted Working Space, Add	*5.30*	
		For Schedule 80 Nipples, Add	*6.22*	
22 11 16 00-0195	EA	1-1/2" x 2" Long, Schedule 40 Galvanized Steel Nipple	24.08	11.76
		For ASTM 120, Deduct	*-0.96*	
		For Work In Restricted Working Space, Add	*5.30*	
		For Schedule 80 Nipples, Add	*7.32*	
22 11 16 00-0196	EA	3/8" x 2-1/2" Long, Schedule 40 Galvanized Steel Nipple	19.44	10.06
		For ASTM 120, Deduct	*-0.65*	
		For Work In Restricted Working Space, Add	*4.54*	
		For Schedule 80 Nipples, Add	*4.91*	
22 11 16 00-0197	EA	1/2" x 2-1/2" Long, Schedule 40 Galvanized Steel Nipple	17.95	10.06
		For ASTM 120, Deduct	*-0.42*	
		For Work In Restricted Working Space, Add	*4.54*	
		For Schedule 80 Nipples, Add	*3.21*	
22 11 16 00-0198	EA	3/4" x 2-1/2" Long, Schedule 40 Galvanized Steel Nipple	18.46	10.06
		For ASTM 120, Deduct	*-0.50*	
		For Work In Restricted Working Space, Add	*4.54*	
		For Schedule 80 Nipples, Add	*3.80*	
22 11 16 00-0199	EA	1" x 2-1/2" Long, Schedule 40 Galvanized Steel Nipple	21.15	10.91
		For ASTM 120, Deduct	*-0.73*	
		For Work In Restricted Working Space, Add	*4.89*	
		For Schedule 80 Nipples, Add	*5.53*	
22 11 16 00-0200	EA	1-1/4" x 2-1/2" Long, Schedule 40 Galvanized Steel Nipple	23.66	11.76
		For ASTM 120, Deduct	*-0.90*	
		For Work In Restricted Working Space, Add	*5.30*	
		For Schedule 80 Nipples, Add	*6.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0201	EA	1-1/2" x 2-1/2" Long, Schedule 40 Galvanized Steel Nipple	24.81	11.76
		For ASTM 120, Deduct	*-1.07*	
		For Work In Restricted Working Space, Add	*5.30*	
		For Schedule 80 Nipples, Add	*8.15*	
22 11 16 00-0202	EA	2" x 2-1/2" Long, Schedule 40 Galvanized Steel Nipple	32.27	15.15
		For ASTM 120, Deduct	*-1.42*	
		For Work In Restricted Working Space, Add	*6.84*	
		For Schedule 80 Nipples, Add	*10.81*	
22 11 16 00-0203	EA	3/8" x 3" Long, Schedule 40 Galvanized Steel Nipple	19.44	10.06
		For ASTM 120, Deduct	*-0.65*	
		For Work In Restricted Working Space, Add	*4.54*	
		For Schedule 80 Nipples, Add	*4.91*	
22 11 16 00-0204	EA	1/2" x 3" Long, Schedule 40 Galvanized Steel Nipple	17.95	10.06
		For ASTM 120, Deduct	*-0.42*	
		For Work In Restricted Working Space, Add	*4.54*	
		For Schedule 80 Nipples, Add	*3.21*	
22 11 16 00-0205	EA	3/4" x 3" Long, Schedule 40 Galvanized Steel Nipple	18.46	10.06
		For ASTM 120, Deduct	*-0.50*	
		For Work In Restricted Working Space, Add	*4.54*	
		For Schedule 80 Nipples, Add	*3.80*	
22 11 16 00-0206	EA	1" x 3" Long, Schedule 40 Galvanized Steel Nipple	21.15	10.91
		For ASTM 120, Deduct	*-0.73*	
		For Work In Restricted Working Space, Add	*4.89*	
		For Schedule 80 Nipples, Add	*5.53*	
22 11 16 00-0207	EA	1-1/4" x 3" Long, Schedule 40 Galvanized Steel Nipple	23.66	11.76
		For ASTM 120, Deduct	*-0.90*	
		For Work In Restricted Working Space, Add	*5.30*	
		For Schedule 80 Nipples, Add	*6.84*	
22 11 16 00-0208	EA	1-1/2" x 3" Long, Schedule 40 Galvanized Steel Nipple	24.81	11.76
		For ASTM 120, Deduct	*-1.07*	
		For Work In Restricted Working Space, Add	*5.30*	
		For Schedule 80 Nipples, Add	*8.15*	
22 11 16 00-0209	EA	2" x 3" Long, Schedule 40 Galvanized Steel Nipple	32.27	15.15
		For ASTM 120, Deduct	*-1.42*	
		For Work In Restricted Working Space, Add	*6.84*	
		For Schedule 80 Nipples, Add	*10.81*	
22 11 16 00-0210	EA	2-1/2" x 3" Long, Schedule 40 Galvanized Steel Nipple	54.29	18.86
		For ASTM 120, Deduct	*-3.90*	
		For Work In Restricted Working Space, Add	*8.48*	
		For Schedule 80 Nipples, Add	*29.67*	
22 11 16 00-0211	EA	3" x 3" Long, Schedule 40 Galvanized Steel Nipple	68.36	22.78
		For ASTM 120, Deduct	*-5.13*	
		For Work In Restricted Working Space, Add	*10.25*	
		For Schedule 80 Nipples, Add	*38.97*	
22 11 16 00-0212	EA	3/8" x 3-1/2" Long, Schedule 40 Galvanized Steel Nipple	20.25	10.06
		For ASTM 120, Deduct	*-0.77*	
		For Work In Restricted Working Space, Add	*4.54*	
		For Schedule 80 Nipples, Add	*5.84*	
22 11 16 00-0213	EA	1/2" x 3-1/2" Long, Schedule 40 Galvanized Steel Nipple	18.61	10.06
		For ASTM 120, Deduct	*-0.52*	
		For Work In Restricted Working Space, Add	*4.54*	
		For Schedule 80 Nipples, Add	*3.97*	
22 11 16 00-0214	EA	3/4" x 3-1/2" Long, Schedule 40 Galvanized Steel Nipple	19.44	10.06
		For ASTM 120, Deduct	*-0.65*	
		For Work In Restricted Working Space, Add	*4.54*	
		For Schedule 80 Nipples, Add	*4.91*	
22 11 16 00-0215	EA	1" x 3-1/2" Long, Schedule 40 Galvanized Steel Nipple	22.13	10.91
		For ASTM 120, Deduct	*-0.87*	
		For Work In Restricted Working Space, Add	*4.89*	
		For Schedule 80 Nipples, Add	*6.65*	
22 11 16 00-0216	EA	1-1/4" x 3-1/2" Long, Schedule 40 Galvanized Steel Nipple	24.81	11.76
		For ASTM 120, Deduct	*-1.07*	
		For Work In Restricted Working Space, Add	*5.30*	
		For Schedule 80 Nipples, Add	*8.15*	
22 11 16 00-0217	EA	1-1/2" x 3-1/2" Long, Schedule 40 Galvanized Steel Nipple	26.70	11.76
		For ASTM 120, Deduct	*-1.36*	
		For Work In Restricted Working Space, Add	*5.30*	
		For Schedule 80 Nipples, Add	*10.31*	
22 11 16 00-0218	EA	2" x 3-1/2" Long, Schedule 40 Galvanized Steel Nipple	34.30	15.15
		For ASTM 120, Deduct	*-1.73*	
		For Work In Restricted Working Space, Add	*6.84*	
		For Schedule 80 Nipples, Add	*13.12*	
22 11 16 00-0219	EA	2-1/2" x 3-1/2" Long, Schedule 40 Galvanized Steel Nipple	58.48	18.86
		For ASTM 120, Deduct	*-4.53*	
		For Work In Restricted Working Space, Add	*8.48*	
		For Schedule 80 Nipples, Add	*34.45*	
22 11 16 00-0220	EA	3" x 3-1/2" Long, Schedule 40 Galvanized Steel Nipple	74.29	22.78
		For ASTM 120, Deduct	*-6.02*	
		For Work In Restricted Working Space, Add	*10.25*	
		For Schedule 80 Nipples, Add	*45.73*	
22 11 16 00-0221	EA	3/8" x 4" Long, Schedule 40 Galvanized Steel Nipple	20.25	10.06
		For ASTM 120, Deduct	*-0.77*	
		For Work In Restricted Working Space, Add	*4.54*	
		For Schedule 80 Nipples, Add	*5.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0222	EA	1/2" x 4" Long, Schedule 40 Galvanized Steel Nipple	18.61	10.06
		For ASTM 120, Deduct	*-0.52*	
		For Work In Restricted Working Space, Add	*4.54*	
		For Schedule 80 Nipples, Add	*3.97*	
22 11 16 00-0223	EA	3/4" x 4" Long, Schedule 40 Galvanized Steel Nipple	20.25	10.06
		For ASTM 120, Deduct	*-0.77*	
		For Work In Restricted Working Space, Add	*4.54*	
		For Schedule 80 Nipples, Add	*5.84*	
22 11 16 00-0224	EA	1" x 4" Long, Schedule 40 Galvanized Steel Nipple	22.13	10.91
		For ASTM 120, Deduct	*-0.87*	
		For Work In Restricted Working Space, Add	*4.89*	
		For Schedule 80 Nipples, Add	*6.65*	
22 11 16 00-0225	EA	1-1/4" x 4" Long, Schedule 40 Galvanized Steel Nipple	24.81	11.76
		For ASTM 120, Deduct	*-1.07*	
		For Work In Restricted Working Space, Add	*5.30*	
		For Schedule 80 Nipples, Add	*8.15*	
22 11 16 00-0226	EA	1-1/2" x 4" Long, Schedule 40 Galvanized Steel Nipple	26.70	11.76
		For ASTM 120, Deduct	*-1.36*	
		For Work In Restricted Working Space, Add	*5.30*	
		For Schedule 80 Nipples, Add	*10.31*	
22 11 16 00-0227	EA	2" x 4" Long, Schedule 40 Galvanized Steel Nipple	34.40	15.15
		For ASTM 120, Deduct	*-1.74*	
		For Work In Restricted Working Space, Add	*6.84*	
		For Schedule 80 Nipples, Add	*13.24*	
22 11 16 00-0228	EA	2-1/2" x 4" Long, Schedule 40 Galvanized Steel Nipple	58.48	18.86
		For ASTM 120, Deduct	*-4.53*	
		For Work In Restricted Working Space, Add	*8.48*	
		For Schedule 80 Nipples, Add	*34.45*	
22 11 16 00-0229	EA	3" x 4" Long, Schedule 40 Galvanized Steel Nipple	74.29	22.78
		For ASTM 120, Deduct	*-6.02*	
		For Work In Restricted Working Space, Add	*10.25*	
		For Schedule 80 Nipples, Add	*45.73*	
22 11 16 00-0230	EA	4" x 4" Long, Schedule 40 Galvanized Steel Nipple	96.25	28.30
		For ASTM 120, Deduct	*-8.08*	
		For Work In Restricted Working Space, Add	*12.72*	
		For Schedule 80 Nipples, Add	*61.38*	
22 11 16 00-0231	EA	3/8" x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple	22.18	10.06
		For ASTM 120, Deduct	*-1.06*	
		For Work In Restricted Working Space, Add	*4.54*	
		For Schedule 80 Nipples, Add	*8.04*	
22 11 16 00-0232	EA	1/2" x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple	19.32	10.06
		For ASTM 120, Deduct	*-0.63*	
		For Work In Restricted Working Space, Add	*4.54*	
		For Schedule 80 Nipples, Add	*4.78*	
22 11 16 00-0233	EA	3/4" x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple	20.27	10.06
		For ASTM 120, Deduct	*-0.77*	
		For Work In Restricted Working Space, Add	*4.54*	
		For Schedule 80 Nipples, Add	*5.86*	
22 11 16 00-0234	EA	1" x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple	23.45	10.91
		For ASTM 120, Deduct	*-1.07*	
		For Work In Restricted Working Space, Add	*4.89*	
		For Schedule 80 Nipples, Add	*8.15*	
22 11 16 00-0235	EA	1-1/4" x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple	26.50	11.76
		For ASTM 120, Deduct	*-1.33*	
		For Work In Restricted Working Space, Add	*5.30*	
		For Schedule 80 Nipples, Add	*10.08*	
22 11 16 00-0236	EA	1-1/2" x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple	28.58	11.76
		For ASTM 120, Deduct	*-1.64*	
		For Work In Restricted Working Space, Add	*5.30*	
		For Schedule 80 Nipples, Add	*12.45*	
22 11 16 00-0237	EA	2" x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple	37.48	15.15
		For ASTM 120, Deduct	*-2.20*	
		For Work In Restricted Working Space, Add	*6.84*	
		For Schedule 80 Nipples, Add	*16.75*	
22 11 16 00-0238	EA	2-1/2" x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple	61.95	18.86
		For ASTM 120, Deduct	*-5.05*	
		For Work In Restricted Working Space, Add	*8.48*	
		For Schedule 80 Nipples, Add	*38.41*	
22 11 16 00-0239	EA	3" x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple	80.92	22.78
		For ASTM 120, Deduct	*-7.01*	
		For Work In Restricted Working Space, Add	*10.25*	
		For Schedule 80 Nipples, Add	*53.28*	
22 11 16 00-0240	EA	4" x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple	102.79	28.30
		For ASTM 120, Deduct	*-9.06*	
		For Work In Restricted Working Space, Add	*12.72*	
		For Schedule 80 Nipples, Add	*68.83*	
22 11 16 00-0241	EA	3/8" x 5" Long, Schedule 40 Galvanized Steel Nipple	22.18	10.06
		For ASTM 120, Deduct	*-1.06*	
		For Work In Restricted Working Space, Add	*4.54*	
		For Schedule 80 Nipples, Add	*8.04*	
22 11 16 00-0242	EA	1/2" x 5" Long, Schedule 40 Galvanized Steel Nipple	19.32	10.06
		For ASTM 120, Deduct	*-0.63*	
		For Work In Restricted Working Space, Add	*4.54*	
		For Schedule 80 Nipples, Add	*4.78*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0243	EA	3/4" x 5" Long, Schedule 40 Galvanized Steel Nipple	20.27	10.06
		For ASTM 120, Deduct	*-0.77*	
		For Work In Restricted Working Space, Add	*4.54*	
		For Schedule 80 Nipples, Add	*5.86*	
22 11 16 00-0244	EA	1" x 5" Long, Schedule 40 Galvanized Steel Nipple	23.45	10.91
		For ASTM 120, Deduct	*-1.07*	
		For Work In Restricted Working Space, Add	*4.89*	
		For Schedule 80 Nipples, Add	*8.15*	
22 11 16 00-0245	EA	1-1/4" x 5" Long, Schedule 40 Galvanized Steel Nipple	26.50	11.76
		For ASTM 120, Deduct	*-1.33*	
		For Work In Restricted Working Space, Add	*5.30*	
		For Schedule 80 Nipples, Add	*10.08*	
22 11 16 00-0246	EA	1-1/2" x 5" Long, Schedule 40 Galvanized Steel Nipple	28.58	11.76
		For ASTM 120, Deduct	*-1.64*	
		For Work In Restricted Working Space, Add	*5.30*	
		For Schedule 80 Nipples, Add	*12.45*	
22 11 16 00-0247	EA	2" x 5" Long, Schedule 40 Galvanized Steel Nipple	37.48	15.15
		For ASTM 120, Deduct	*-2.20*	
		For Work In Restricted Working Space, Add	*6.84*	
		For Schedule 80 Nipples, Add	*16.75*	
22 11 16 00-0248	EA	2-1/2" x 5" Long, Schedule 40 Galvanized Steel Nipple	61.95	18.86
		For ASTM 120, Deduct	*-5.05*	
		For Work In Restricted Working Space, Add	*8.48*	
		For Schedule 80 Nipples, Add	*38.41*	
22 11 16 00-0249	EA	3" x 5" Long, Schedule 40 Galvanized Steel Nipple	80.92	22.78
		For ASTM 120, Deduct	*-7.01*	
		For Work In Restricted Working Space, Add	*10.25*	
		For Schedule 80 Nipples, Add	*53.28*	
22 11 16 00-0250	EA	4" x 5" Long, Schedule 40 Galvanized Steel Nipple	102.79	28.30
		For ASTM 120, Deduct	*-9.06*	
		For Work In Restricted Working Space, Add	*12.72*	
		For Schedule 80 Nipples, Add	*68.83*	
22 11 16 00-0251	EA	3/8" x 6" Long, Schedule 40 Galvanized Steel Nipple	22.97	10.06
		For ASTM 120, Deduct	*-1.18*	
		For Work In Restricted Working Space, Add	*4.54*	
		For Schedule 80 Nipples, Add	*8.94*	
22 11 16 00-0252	EA	1/2" x 6" Long, Schedule 40 Galvanized Steel Nipple	19.88	10.06
		For ASTM 120, Deduct	*-0.71*	
		For Work In Restricted Working Space, Add	*4.54*	
		For Schedule 80 Nipples, Add	*5.42*	
22 11 16 00-0253	EA	3/4" x 6" Long, Schedule 40 Galvanized Steel Nipple	21.30	10.06
		For ASTM 120, Deduct	*-0.93*	
		For Work In Restricted Working Space, Add	*4.54*	
		For Schedule 80 Nipples, Add	*7.03*	
22 11 16 00-0254	EA	1" x 6" Long, Schedule 40 Galvanized Steel Nipple	24.40	10.91
		For ASTM 120, Deduct	*-1.22*	
		For Work In Restricted Working Space, Add	*4.89*	
		For Schedule 80 Nipples, Add	*9.23*	
22 11 16 00-0255	EA	1-1/4" x 6" Long, Schedule 40 Galvanized Steel Nipple	27.92	11.76
		For ASTM 120, Deduct	*-1.54*	
		For Work In Restricted Working Space, Add	*5.30*	
		For Schedule 80 Nipples, Add	*11.70*	
22 11 16 00-0256	EA	1-1/2" x 6" Long, Schedule 40 Galvanized Steel Nipple	29.95	11.76
		For ASTM 120, Deduct	*-1.84*	
		For Work In Restricted Working Space, Add	*5.30*	
		For Schedule 80 Nipples, Add	*14.01*	
22 11 16 00-0257	EA	2" x 6" Long, Schedule 40 Galvanized Steel Nipple	39.86	15.15
		For ASTM 120, Deduct	*-2.56*	
		For Work In Restricted Working Space, Add	*6.84*	
		For Schedule 80 Nipples, Add	*19.46*	
22 11 16 00-0258	EA	2-1/2" x 6" Long, Schedule 40 Galvanized Steel Nipple	65.28	18.86
		For ASTM 120, Deduct	*-5.55*	
		For Work In Restricted Working Space, Add	*8.48*	
		For Schedule 80 Nipples, Add	*42.20*	
22 11 16 00-0259	EA	3" x 6" Long, Schedule 40 Galvanized Steel Nipple	83.62	22.78
		For ASTM 120, Deduct	*-7.42*	
		For Work In Restricted Working Space, Add	*10.25*	
		For Schedule 80 Nipples, Add	*56.36*	
22 11 16 00-0260	EA	4" x 6" Long, Schedule 40 Galvanized Steel Nipple	109.16	28.30
		For ASTM 120, Deduct	*-10.01*	
		For Work In Restricted Working Space, Add	*12.72*	
		For Schedule 80 Nipples, Add	*76.10*	
22 11 16 00-0261	EA	3/8" x 8" Long, Schedule 40 Galvanized Steel Nipple	46.45	10.06
		For ASTM 120, Deduct	*-4.70*	
		For Work In Restricted Working Space, Add	*4.54*	
		For Schedule 80 Nipples, Add	*35.70*	
22 11 16 00-0262	EA	1/2" x 8" Long, Schedule 40 Galvanized Steel Nipple	23.50	10.06
		For ASTM 120, Deduct	*-1.26*	
		For Work In Restricted Working Space, Add	*4.54*	
		For Schedule 80 Nipples, Add	*9.54*	
22 11 16 00-0263	EA	3/4" x 8" Long, Schedule 40 Galvanized Steel Nipple	25.83	10.06
		For ASTM 120, Deduct	*-1.61*	
		For Work In Restricted Working Space, Add	*4.54*	
		For Schedule 80 Nipples, Add	*12.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0264	EA	1" x 8" Long, Schedule 40 Galvanized Steel Nipple	29.86	10.91
		For ASTM 120, Deduct	*-2.03*	
		For Work In Restricted Working Space, Add	*4.89*	
		For Schedule 80 Nipples, Add	*15.46*	
22 11 16 00-0265	EA	1-1/4" x 8" Long, Schedule 40 Galvanized Steel Nipple	34.29	11.76
		For ASTM 120, Deduct	*-2.49*	
		For Work In Restricted Working Space, Add	*5.30*	
		For Schedule 80 Nipples, Add	*18.96*	
22 11 16 00-0266	EA	1-1/2" x 8" Long, Schedule 40 Galvanized Steel Nipple	36.73	11.76
		For ASTM 120, Deduct	*-2.86*	
		For Work In Restricted Working Space, Add	*5.30*	
		For Schedule 80 Nipples, Add	*21.74*	
22 11 16 00-0267	EA	2" x 8" Long, Schedule 40 Galvanized Steel Nipple	50.61	15.15
		For ASTM 120, Deduct	*-4.17*	
		For Work In Restricted Working Space, Add	*6.84*	
		For Schedule 80 Nipples, Add	*31.71*	
22 11 16 00-0268	EA	2-1/2" x 8" Long, Schedule 40 Galvanized Steel Nipple	75.91	18.86
		For ASTM 120, Deduct	*-7.15*	
		For Work In Restricted Working Space, Add	*8.48*	
		For Schedule 80 Nipples, Add	*54.32*	
22 11 16 00-0269	EA	3" x 8" Long, Schedule 40 Galvanized Steel Nipple	100.78	22.78
		For ASTM 120, Deduct	*-9.99*	
		For Work In Restricted Working Space, Add	*10.25*	
		For Schedule 80 Nipples, Add	*75.92*	
22 11 16 00-0270	EA	4" x 8" Long, Schedule 40 Galvanized Steel Nipple	122.06	28.30
		For ASTM 120, Deduct	*-11.95*	
		For Work In Restricted Working Space, Add	*12.72*	
		For Schedule 80 Nipples, Add	*90.80*	
22 11 16 00-0271	EA	3/8" x 10" Long, Schedule 40 Galvanized Steel Nipple	30.07	10.06
		For ASTM 120, Deduct	*-2.24*	
		For Work In Restricted Working Space, Add	*4.54*	
		For Schedule 80 Nipples, Add	*17.03*	
22 11 16 00-0272	EA	1/2" x 10" Long, Schedule 40 Galvanized Steel Nipple	25.07	10.06
		For ASTM 120, Deduct	*-1.49*	
		For Work In Restricted Working Space, Add	*4.54*	
		For Schedule 80 Nipples, Add	*11.33*	
22 11 16 00-0273	EA	3/4" x 10" Long, Schedule 40 Galvanized Steel Nipple	27.01	10.06
		For ASTM 120, Deduct	*-1.78*	
		For Work In Restricted Working Space, Add	*4.54*	
		For Schedule 80 Nipples, Add	*13.54*	
22 11 16 00-0274	EA	1" x 10" Long, Schedule 40 Galvanized Steel Nipple	31.80	10.91
		For ASTM 120, Deduct	*-2.33*	
		For Work In Restricted Working Space, Add	*4.89*	
		For Schedule 80 Nipples, Add	*17.67*	
22 11 16 00-0275	EA	1-1/4" x 10" Long, Schedule 40 Galvanized Steel Nipple	37.54	11.76
		For ASTM 120, Deduct	*-2.98*	
		For Work In Restricted Working Space, Add	*5.30*	
		For Schedule 80 Nipples, Add	*22.66*	
22 11 16 00-0276	EA	1-1/2" x 10" Long, Schedule 40 Galvanized Steel Nipple	39.89	11.76
		For ASTM 120, Deduct	*-3.33*	
		For Work In Restricted Working Space, Add	*5.30*	
		For Schedule 80 Nipples, Add	*25.34*	
22 11 16 00-0277	EA	2" x 10" Long, Schedule 40 Galvanized Steel Nipple	55.33	15.15
		For ASTM 120, Deduct	*-4.88*	
		For Work In Restricted Working Space, Add	*6.84*	
		For Schedule 80 Nipples, Add	*37.10*	
22 11 16 00-0278	EA	2-1/2" x 10" Long, Schedule 40 Galvanized Steel Nipple	82.57	18.86
		For ASTM 120, Deduct	*-8.15*	
		For Work In Restricted Working Space, Add	*8.48*	
		For Schedule 80 Nipples, Add	*61.91*	
22 11 16 00-0279	EA	3" x 10" Long, Schedule 40 Galvanized Steel Nipple	110.16	22.78
		For ASTM 120, Deduct	*-11.40*	
		For Work In Restricted Working Space, Add	*10.25*	
		For Schedule 80 Nipples, Add	*86.62*	
22 11 16 00-0280	EA	4" x 10" Long, Schedule 40 Galvanized Steel Nipple	134.72	28.30
		For ASTM 120, Deduct	*-13.85*	
		For Work In Restricted Working Space, Add	*12.72*	
		For Schedule 80 Nipples, Add	*105.23*	
22 11 16 00-0281	EA	3/8" x 12" Long, Schedule 40 Galvanized Steel Nipple	31.68	10.06
		For ASTM 120, Deduct	*-2.48*	
		For Work In Restricted Working Space, Add	*4.54*	
		For Schedule 80 Nipples, Add	*18.87*	
22 11 16 00-0282	EA	1/2" x 12" Long, Schedule 40 Galvanized Steel Nipple	26.44	10.06
		For ASTM 120, Deduct	*-1.70*	
		For Work In Restricted Working Space, Add	*4.54*	
		For Schedule 80 Nipples, Add	*12.89*	
22 11 16 00-0283	EA	3/4" x 12" Long, Schedule 40 Galvanized Steel Nipple	28.45	10.06
		For ASTM 120, Deduct	*-2.00*	
		For Work In Restricted Working Space, Add	*4.54*	
		For Schedule 80 Nipples, Add	*15.18*	
22 11 16 00-0284	EA	1" x 12" Long, Schedule 40 Galvanized Steel Nipple	34.35	10.91
		For ASTM 120, Deduct	*-2.71*	
		For Work In Restricted Working Space, Add	*4.89*	
		For Schedule 80 Nipples, Add	*20.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0285	EA	1-1/4" x 12" Long, Schedule 40 Galvanized Steel Nipple	41.53	11.76
		For ASTM 120, Deduct	*-3.58*	
		For Work In Restricted Working Space, Add	*5.30*	
		For Schedule 80 Nipples, Add	*27.21*	
22 11 16 00-0286	EA	1-1/2" x 12" Long, Schedule 40 Galvanized Steel Nipple	43.10	11.76
		For ASTM 120, Deduct	*-3.82*	
		For Work In Restricted Working Space, Add	*5.30*	
		For Schedule 80 Nipples, Add	*29.00*	
22 11 16 00-0287	EA	2" x 12" Long, Schedule 40 Galvanized Steel Nipple	60.13	15.15
		For ASTM 120, Deduct	*-5.60*	
		For Work In Restricted Working Space, Add	*6.84*	
		For Schedule 80 Nipples, Add	*42.57*	
22 11 16 00-0288	EA	2-1/2" x 12" Long, Schedule 40 Galvanized Steel Nipple	89.03	18.86
		For ASTM 120, Deduct	*-9.12*	
		For Work In Restricted Working Space, Add	*8.48*	
		For Schedule 80 Nipples, Add	*69.28*	
22 11 16 00-0289	EA	3" x 12" Long, Schedule 40 Galvanized Steel Nipple	119.61	22.78
		For ASTM 120, Deduct	*-12.81*	
		For Work In Restricted Working Space, Add	*10.25*	
		For Schedule 80 Nipples, Add	*97.39*	
22 11 16 00-0290	EA	4" x 12" Long, Schedule 40 Galvanized Steel Nipple	147.50	28.30
		For ASTM 120, Deduct	*-15.76*	
		For Work In Restricted Working Space, Add	*12.72*	
		For Schedule 80 Nipples, Add	*119.80*	

22 11 16 00-0291 Galvanized Steel Dielectric Nipples With Polyethylene Liner *(22 11 16 00-0013)*

See CSI section 22 11 16 00-0718 for dielectric unions.

22 11 16 00-0292	EA	1/2" Threaded x 2-1/2" Long, Schedule 40 Galvanized Steel With Polyethylene Liner, Dielectric Nipple	17.53	10.06
		For Work In Restricted Working Space, Add	*4.55*	
22 11 16 00-0293	EA	1/2" Threaded x 3" Long, Schedule 40 Galvanized Steel With Polyethylene Liner, Dielectric Nipple	17.89	10.06
		For Work In Restricted Working Space, Add	*4.55*	
22 11 16 00-0294	EA	3/4" Threaded x 2" Long, Schedule 40 Galvanized Steel With Polyethylene Liner, Dielectric Nipple	18.22	10.06
		For Work In Restricted Working Space, Add	*4.55*	
22 11 16 00-0295	EA	3/4" Threaded x 2-1/2" Long, Schedule 40 Galvanized Steel With Polyethylene Liner, Dielectric Nipple	19.42	10.06
		For Work In Restricted Working Space, Add	*4.55*	
22 11 16 00-0296	EA	3/4" Threaded x 3" Long, Schedule 40 Galvanized Steel With Polyethylene Liner, Dielectric Nipple	20.66	10.06
		For Work In Restricted Working Space, Add	*4.55*	
22 11 16 00-0297	EA	3/4" Threaded x 4" Long, Schedule 40 Galvanized Steel With Polyethylene Liner, Dielectric Nipple	21.41	10.06
		For Work In Restricted Working Space, Add	*4.55*	
22 11 16 00-0298	EA	1" Threaded x 2-1/2" Long, Schedule 40 Galvanized Steel With Polyethylene Liner, Dielectric Nipple	20.89	10.91
		For Work In Restricted Working Space, Add	*4.90*	
22 11 16 00-0299	EA	1" Threaded x 3" Long, Schedule 40 Galvanized Steel With Polyethylene Liner, Dielectric Nipple	21.28	10.91
		For Work In Restricted Working Space, Add	*4.90*	
22 11 16 00-0300	EA	1" Threaded x 4" Long, Schedule 40 Galvanized Steel With Polyethylene Liner, Dielectric Nipple	27.29	10.91
		For Work In Restricted Working Space, Add	*4.90*	
22 11 16 00-0301	EA	1-1/4" Threaded x 4" Long, Schedule 40 Galvanized Steel With Polyethylene Liner, Dielectric Nipple	29.55	11.76
		For Work In Restricted Working Space, Add	*5.31*	
22 11 16 00-0302	EA	1-1/2" Threaded x 4" Long, Schedule 40 Galvanized Steel With Polyethylene Liner, Dielectric Nipple	32.86	11.76
		For Work In Restricted Working Space, Add	*5.31*	
22 11 16 00-0303	EA	2" Threaded x 4" Long, Schedule 40 Galvanized Steel With Polyethylene Liner, Dielectric Nipple	43.88	15.15
		For Work In Restricted Working Space, Add	*6.83*	
22 11 16 00-0304	EA	2-1/2" Threaded x 6" Long, Schedule 40 Galvanized Steel With Polyethylene Liner, Dielectric Nipple	52.29	18.86
		For Work In Restricted Working Space, Add	*8.49*	
22 11 16 00-0305	EA	3" Threaded x 6" Long, Schedule 40 Galvanized Steel With Polyethylene Liner, Dielectric Nipple	82.57	22.78
		For Work In Restricted Working Space, Add	*10.27*	

22 11 16 00-0306 Galvanized Malleable Iron Square Head Plugs *(22 11 16 00-0013)*

22 11 16 00-0307	EA	1/2", 150 LB, Galvanized Malleable Iron Square Head Plug	18.17	7.53
		For 300 LB Rating, Add	*24.04*	
		For Work In Restricted Working Space, Add	*3.39*	
22 11 16 00-0308	EA	3/4", 150 LB, Galvanized Malleable Iron Square Head Plug	19.52	8.47
		For 300 LB Rating, Add	*24.12*	
		For Work In Restricted Working Space, Add	*3.80*	
22 11 16 00-0309	EA	1", 150 LB, Galvanized Malleable Iron Square Head Plug	21.66	9.43
		For 300 LB Rating, Add	*26.48*	
		For Work In Restricted Working Space, Add	*4.24*	
22 11 16 00-0310	EA	1-1/4", 150 LB, Galvanized Malleable Iron Square Head Plug	27.58	10.70
		For 300 LB Rating, Add	*40.37*	
		For Work In Restricted Working Space, Add	*4.80*	
22 11 16 00-0311	EA	1-1/2", 150 LB, Galvanized Malleable Iron Square Head Plug	33.64	11.97
		For 300 LB Rating, Add	*54.16*	
		For Work In Restricted Working Space, Add	*5.41*	
22 11 16 00-0312	EA	2", 150 LB, Galvanized Malleable Iron Square Head Plug	42.76	15.25
		For 300 LB Rating, Add	*68.86*	
		For Work In Restricted Working Space, Add	*6.87*	
22 11 16 00-0313	EA	2-1/2", 150 LB, Galvanized Malleable Iron Square Head Plug	72.63	22.57
		For 300 LB Rating, Add	*133.68*	
		For Work In Restricted Working Space, Add	*10.17*	
22 11 16 00-0314	EA	3", 150 LB, Galvanized Malleable Iron Square Head Plug	99.56	29.77
		For 300 LB Rating, Add	*189.47*	
		For Work In Restricted Working Space, Add	*13.39*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0315	EA	4", 150 LB, Galvanized Malleable Iron Square Head Plug	163.53	32.97
		For 300 LB Rating, Add	*390.77*	
		For Work In Restricted Working Space, Add	*14.84*	
22 11 16 00-0316	EA	5", 150 LB, Galvanized Malleable Iron Square Head Plug	260.90	34.45
		For 300 LB Rating, Add	*714.62*	
		For Work In Restricted Working Space, Add	*15.49*	
22 11 16 00-0317	EA	6", 150 LB, Galvanized Malleable Iron Square Head Plug	280.20	35.93
		For 300 LB Rating, Add	*772.42*	
		For Work In Restricted Working Space, Add	*16.19*	

22 11 16 00-0318 Galvanized Malleable Iron Bushing *(22 11 16 00-0013)*

22 11 16 00-0319	EA	3/4" x 1/2", 150 LB, Galvanized Malleable Iron Bushing	42.21	19.92
		For Work In Restricted Working Space, Add	*8.98*	
22 11 16 00-0320	EA	1" x 1/2", 150 LB, Galvanized Malleable Iron Bushing	46.46	21.19
		For Work In Restricted Working Space, Add	*9.53*	
22 11 16 00-0321	EA	1" x 3/4", 150 LB, Galvanized Malleable Iron Bushing	47.38	22.35
		For Work In Restricted Working Space, Add	*10.04*	
22 11 16 00-0322	EA	1-1/4" x 1/2", 150 LB, Galvanized Malleable Iron Bushing	54.68	22.78
		For Work In Restricted Working Space, Add	*10.24*	
22 11 16 00-0323	EA	1-1/4" x 3/4", 150 LB, Galvanized Malleable Iron Bushing	54.50	23.84
		For Work In Restricted Working Space, Add	*10.74*	
22 11 16 00-0324	EA	1-1/4" x 1", 150 LB, Galvanized Malleable Iron Bushing	56.35	25.11
		For Work In Restricted Working Space, Add	*11.30*	
22 11 16 00-0325	EA	1-1/2" x 1/2", 150 LB, Galvanized Malleable Iron Bushing	63.84	24.47
		For Work In Restricted Working Space, Add	*11.00*	
22 11 16 00-0326	EA	1-1/2" x 3/4", 150 LB, Galvanized Malleable Iron Bushing	65.52	25.54
		For Work In Restricted Working Space, Add	*11.51*	
22 11 16 00-0327	EA	1-1/2" x 1", 150 LB, Galvanized Malleable Iron Bushing	64.70	26.81
		For Work In Restricted Working Space, Add	*12.06*	
22 11 16 00-0328	EA	1-1/2" x 1-1/4", 150 LB, Galvanized Malleable Iron Bushing	65.14	28.40
		For Work In Restricted Working Space, Add	*12.76*	
22 11 16 00-0329	EA	2" x 1/2", 150 LB, Galvanized Malleable Iron Bushing	76.70	28.50
		For Work In Restricted Working Space, Add	*12.83*	
22 11 16 00-0330	EA	2" x 3/4", 150 LB, Galvanized Malleable Iron Bushing	76.02	29.67
		For Work In Restricted Working Space, Add	*13.34*	
22 11 16 00-0331	EA	2" x 1", 150 LB, Galvanized Malleable Iron Bushing	76.14	30.84
		For Work In Restricted Working Space, Add	*13.89*	
22 11 16 00-0332	EA	2" x 1-1/4", 150 LB, Galvanized Malleable Iron Bushing	78.47	32.42
		For Work In Restricted Working Space, Add	*14.59*	
22 11 16 00-0333	EA	2" x 1-1/2", 150 LB, Galvanized Malleable Iron Bushing	77.36	34.12
		For Work In Restricted Working Space, Add	*15.35*	
22 11 16 00-0334	EA	2-1/2" x 3/4", 150 LB, Galvanized Malleable Iron Bushing	107.30	38.78
		For Work In Restricted Working Space, Add	*17.46*	
22 11 16 00-0335	EA	2-1/2" x 1", 150 LB, Galvanized Malleable Iron Bushing	109.14	40.06
		For Work In Restricted Working Space, Add	*18.01*	
22 11 16 00-0336	EA	2-1/2" x 1-1/4", 150 LB, Galvanized Malleable Iron Bushing	111.48	41.54
		For Work In Restricted Working Space, Add	*18.71*	
22 11 16 00-0337	EA	2-1/2" x 1-1/2", 150 LB, Galvanized Malleable Iron Bushing	113.12	43.34
		For Work In Restricted Working Space, Add	*19.48*	
22 11 16 00-0338	EA	2-1/2" x 2", 150 LB, Galvanized Malleable Iron Bushing	113.72	47.36
		For Work In Restricted Working Space, Add	*21.31*	
22 11 16 00-0339	EA	3" x 3/4", 150 LB, Galvanized Malleable Iron Bushing	136.39	47.68
		For Work In Restricted Working Space, Add	*21.47*	
22 11 16 00-0340	EA	3" x 1", 150 LB, Galvanized Malleable Iron Bushing	138.23	48.95
		For Work In Restricted Working Space, Add	*22.03*	
22 11 16 00-0341	EA	3" x 1-1/4", 150 LB, Galvanized Malleable Iron Bushing	140.57	50.54
		For Work In Restricted Working Space, Add	*22.73*	
22 11 16 00-0342	EA	3" x 1-1/2", 150 LB, Galvanized Malleable Iron Bushing	141.85	52.23
		For Work In Restricted Working Space, Add	*23.49*	
22 11 16 00-0343	EA	3" x 2", 150 LB, Galvanized Malleable Iron Bushing	142.01	56.26
		For Work In Restricted Working Space, Add	*25.32*	
22 11 16 00-0344	EA	3" x 2-1/2", 150 LB, Galvanized Malleable Iron Bushing	159.10	65.48
		For Work In Restricted Working Space, Add	*29.44*	
22 11 16 00-0345	EA	4" x 3/4", 150 LB, Galvanized Malleable Iron Bushing	213.50	51.73
		For Work In Restricted Working Space, Add	*23.30*	
22 11 16 00-0346	EA	4" x 1", 150 LB, Galvanized Malleable Iron Bushing	215.34	53.00
		For Work In Restricted Working Space, Add	*23.85*	
22 11 16 00-0347	EA	4" x 1-1/4", 150 LB, Galvanized Malleable Iron Bushing	217.68	54.59
		For Work In Restricted Working Space, Add	*24.55*	
22 11 16 00-0348	EA	4" x 1-1/2", 150 LB, Galvanized Malleable Iron Bushing	220.23	56.29
		For Work In Restricted Working Space, Add	*25.32*	
22 11 16 00-0349	EA	4" x 2", 150 LB, Galvanized Malleable Iron Bushing	210.33	60.32
		For Work In Restricted Working Space, Add	*27.15*	
22 11 16 00-0350	EA	4" x 2-1/2", 150 LB, Galvanized Malleable Iron Bushing	240.08	69.54
		For Work In Restricted Working Space, Add	*31.27*	
22 11 16 00-0351	EA	4" x 3", 150 LB, Galvanized Malleable Iron Bushing	244.49	78.44
		For Work In Restricted Working Space, Add	*35.29*	

22 11 16 00-0352 Galvanized Malleable Iron Floor Flange *(22 11 16 00-0013)*

Note: Excludes fasteners to floor or wall. See CSI section 05 05 19 00-0001 for anchors.

22 11 16 00-0353	EA	1/2", 150 LB, Galvanized Malleable Iron Floor Flange	65.92	38.72
22 11 16 00-0354	EA	3/4", 150 LB, Galvanized Malleable Iron Floor Flange	72.05	42.38

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0355	EA	1", 150 LB, Galvanized Malleable Iron Floor Flange	82.85	47.89
22 11 16 00-0356	EA	1-1/4", 150 LB, Galvanized Malleable Iron Floor Flange	86.13	49.59
22 11 16 00-0357	EA	1-1/2", 150 LB, Galvanized Malleable Iron Floor Flange	93.74	53.93
22 11 16 00-0358	EA	2", 150 LB, Galvanized Malleable Iron Floor Flange	101.16	56.26

22 11 16 00-0359 Galvanized Cast Iron Flanges *(22 11 16 00-0013)*

Note: Excludes bolt and gasket sets See CSI section 23 21 13 23-0713 for Class 150 steel bolt and gasket set.

22 11 16 00-0360	EA	3/4", 125 LB, Galvanized Cast Iron Flange	129.69	42.38
		For Work In Restricted Working Space, Add	*19.07*	
22 11 16 00-0361	EA	1", 125 LB, Galvanized Cast Iron Flange	123.02	47.89
		For Work In Restricted Working Space, Add	*21.55*	
22 11 16 00-0362	EA	1-1/4", 125 LB, Galvanized Cast Iron Flange	101.40	49.59
		For Work In Restricted Working Space, Add	*22.30*	
22 11 16 00-0363	EA	1-1/2", 125 LB, Galvanized Cast Iron Flange	120.84	53.93
		For Work In Restricted Working Space, Add	*24.26*	
22 11 16 00-0364	EA	2", 125 LB, Galvanized Cast Iron Flange	137.29	56.26
		For Work In Restricted Working Space, Add	*25.32*	
22 11 16 00-0365	EA	2-1/2", 125 LB, Galvanized Cast Iron Flange	159.50	65.16
		For Work In Restricted Working Space, Add	*29.29*	
22 11 16 00-0366	EA	3", 125 LB, Galvanized Cast Iron Flange	290.95	82.64
		For Work In Restricted Working Space, Add	*37.17*	
22 11 16 00-0367	EA	4", 125 LB, Galvanized Cast Iron Flange	397.10	113.11
		For Work In Restricted Working Space, Add	*50.87*	
22 11 16 00-0368	EA	5", 125 LB, Galvanized Cast Iron Flange	559.07	134.63
		For Work In Restricted Working Space, Add	*60.56*	
22 11 16 00-0369	EA	6", 125 LB, Galvanized Cast Iron Flange	613.69	154.67
		For Work In Restricted Working Space, Add	*69.57*	
22 11 16 00-0370	EA	8", 125 LB, Galvanized Cast Iron Flange	563.52	176.76
		For Work In Restricted Working Space, Add	*79.50*	

22 11 16 00-0371 Cut And Thread Existing In-Place Galvanized Steel Pipe *(22 11 16 00-0013)*

Note: For use when connecting pipe to an existing in-place system.

22 11 16 00-0372	EA	1/2", Cut And Thread Existing In Place Galvanized Steel Pipe	34.52	
		For Work In Restricted Working Space, Add	*10.36*	
22 11 16 00-0373	EA	3/4", Cut And Thread Existing In Place Galvanized Steel Pipe	37.97	
		For Work In Restricted Working Space, Add	*11.39*	
22 11 16 00-0374	EA	1", Cut And Thread Existing In Place Galvanized Steel Pipe	41.43	
		For Work In Restricted Working Space, Add	*12.43*	
22 11 16 00-0375	EA	1-1/4", Cut And Thread Existing In Place Galvanized Steel Pipe	44.87	
		For Work In Restricted Working Space, Add	*13.46*	
22 11 16 00-0376	EA	1-1/2", Cut And Thread Existing In Place Galvanized Steel Pipe	47.17	
		For Work In Restricted Working Space, Add	*14.15*	
22 11 16 00-0377	EA	2", Cut And Thread Existing In Place Galvanized Steel Pipe	49.47	
		For Work In Restricted Working Space, Add	*14.84*	
22 11 16 00-0378	EA	2-1/2", Cut And Thread Existing In Place Galvanized Steel Pipe	51.78	
		For Work In Restricted Working Space, Add	*15.53*	
22 11 16 00-0379	EA	3", Cut And Thread Existing In Place Galvanized Steel Pipe	54.07	
		For Work In Restricted Working Space, Add	*16.22*	
22 11 16 00-0380	EA	4", Cut And Thread Existing In Place Galvanized Steel Pipe	56.38	
		For Work In Restricted Working Space, Add	*16.91*	
22 11 16 00-0381	EA	6", Cut And Thread Existing In Place Galvanized Steel Pipe	60.98	
		For Work In Restricted Working Space, Add	*18.29*	
22 11 16 00-0382	EA	8", Cut And Thread Existing In Place Galvanized Steel Pipe	65.58	
		For Work In Restricted Working Space, Add	*19.67*	

22 11 16 00-0383 Copper Pipe And Fittings *(22 11 16)*

Note: Excludes hangers. See CSI section 22 11 16 00-0748 for pipe with fittings assembly.

22 11 16 00-0384 Copper Tube/Pipe *(22 11 16 00-0383)*

Note: Pipe based on inside diameter size. Excludes hangers and fittings (couplers, tees, elbows, etc).

22 11 16 00-0385 Hard Drawn Type L Copper Tube/Pipe *(22 11 16 00-0384)*

22 11 16 00-0386	LF	1/4" Hard Drawn Type L Copper Tube/Pipe	5.43	2.59
		For Up To 20, Add	*0.58*	
		For >200, Deduct	*-0.16*	
		For Work In Restricted Working Space, Add	*1.16*	
		For Medical/Oxygen Service Tubing, Add	*0.12*	
22 11 16 00-0387	LF	3/8" Hard Drawn Type L Copper Tube/Pipe	6.31	2.69
		For Up To 20, Add	*0.69*	
		For >200, Deduct	*-0.23*	
		For Work In Restricted Working Space, Add	*1.22*	
		For Medical/Oxygen Service Tubing, Add	*0.18*	
22 11 16 00-0388	LF	1/2" Hard Drawn Type L Copper Tube/Pipe	6.91	2.81
		For Up To 20, Add	*0.76*	
		For >200, Deduct	*-0.27*	
		For Work In Restricted Working Space, Add	*1.27*	
		For Medical/Oxygen Service Tubing, Add	*0.22*	
22 11 16 00-0389	LF	3/4" Hard Drawn Type L Copper Tube/Pipe	8.85	2.98
		For Up To 20, Add	*0.99*	
		For >200, Deduct	*-0.44*	
		For Work In Restricted Working Space, Add	*1.34*	
		For Medical/Oxygen Service Tubing, Add	*0.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0390	LF	1" Hard Drawn Type L Copper Tube/Pipe	11.35	3.35
		For Up To 20, Add	*1.29*	
		For >200, Deduct	*-0.63*	
		For Work In Restricted Working Space, Add	*1.51*	
		For Medical/Oxygen Service Tubing, Add	*0.51*	
22 11 16 00-0391	LF	1-1/4" Hard Drawn Type L Copper Tube/Pipe	16.19	4.98
		For Up To 20, Add	*1.84*	
		For >200, Deduct	*-0.87*	
		For Work In Restricted Working Space, Add	*2.24*	
		For Medical/Oxygen Service Tubing, Add	*0.70*	
22 11 16 00-0392	LF	1-1/2" Hard Drawn Type L Copper Tube/Pipe	19.56	5.56
		For Up To 20, Add	*2.24*	
		For >200, Deduct	*-1.12*	
		For Work In Restricted Working Space, Add	*2.50*	
		For Medical/Oxygen Service Tubing, Add	*0.90*	
22 11 16 00-0393	LF	2" Hard Drawn Type L Copper Tube/Pipe	28.04	6.86
		For Up To 20, Add	*3.25*	
		For >200, Deduct	*-1.78*	
		For Work In Restricted Working Space, Add	*3.08*	
		For Medical/Oxygen Service Tubing, Add	*1.42*	
22 11 16 00-0394	LF	2-1/2" Hard Drawn Type L Copper Tube/Pipe	49.88	8.06
		For Up To 20, Add	*5.63*	
		For >200, Deduct	*-2.57*	
		For Work In Restricted Working Space, Add	*7.27*	
		For Medical/Oxygen Service Tubing, Add	*2.05*	
22 11 16 00-0395	LF	3" Hard Drawn Type L Copper Tube/Pipe	62.71	9.50
		For Up To 20, Add	*7.13*	
		For >200, Deduct	*-3.42*	
		For Work In Restricted Working Space, Add	*8.54*	
		For Medical/Oxygen Service Tubing, Add	*2.74*	
22 11 16 00-0396	LF	4" Hard Drawn Type L Copper Tube/Pipe	93.16	10.72
		For Up To 20, Add	*10.84*	
		For >200, Deduct	*-6.10*	
		For Work In Restricted Working Space, Add	*9.65*	
		For Medical/Oxygen Service Tubing, Add	*4.88*	
22 11 16 00-0397	LF	5" Hard Drawn Type L Copper Tube/Pipe	144.68	12.31
		For Up To 20, Add	*17.16*	
		For >200, Deduct	*-10.78*	
		For Work In Restricted Working Space, Add	*11.08*	
		For Medical/Oxygen Service Tubing, Add	*8.62*	
22 11 16 00-0398	LF	6" Hard Drawn Type L Copper Tube/Pipe	198.97	19.08
		For Up To 20, Add	*23.44*	
		For >200, Deduct	*-14.18*	
		For Work In Restricted Working Space, Add	*17.16*	
		For Medical/Oxygen Service Tubing, Add	*11.34*	
22 11 16 00-0399	LF	8" Hard Drawn Type L Copper Tube/Pipe	330.78	21.22
		For Up To 20, Add	*39.76*	
		For >200, Deduct	*-26.72*	
		For Work In Restricted Working Space, Add	*19.08*	
		For Medical/Oxygen Service Tubing, Add	*21.37*	

22 11 16 00-0400 Hard Drawn Type K Copper Tube/Pipe *(22 11 16 00-0384)*

22 11 16 00-0401	LF	1/4" Hard Drawn Type K Copper Tube/Pipe	5.91	2.79
		For Up To 20, Add	*0.63*	
		For >200, Deduct	*-0.17*	
		For Work In Restricted Working Space, Add	*1.25*	
		For Medical/Oxygen Service Tubing, Add	*0.14*	
22 11 16 00-0402	LF	3/8" Hard Drawn Type K Copper Tube/Pipe	7.89	2.90
		For Up To 20, Add	*0.87*	
		For >200, Deduct	*-0.31*	
		For Work In Restricted Working Space, Add	*1.43*	
		For Medical/Oxygen Service Tubing, Add	*0.25*	
22 11 16 00-0403	LF	1/2" Hard Drawn Type K Copper Tube/Pipe	8.31	3.01
		For Up To 20, Add	*0.92*	
		For >200, Deduct	*-0.37*	
		For Work In Restricted Working Space, Add	*1.40*	
		For Medical/Oxygen Service Tubing, Add	*0.29*	
22 11 16 00-0404	LF	3/4" Hard Drawn Type K Copper Tube/Pipe	11.99	3.20
		For Up To 20, Add	*1.36*	
		For >200, Deduct	*-0.66*	
		For Work In Restricted Working Space, Add	*1.62*	
		For Medical/Oxygen Service Tubing, Add	*0.53*	
22 11 16 00-0405	LF	1" Hard Drawn Type K Copper Tube/Pipe	14.50	3.60
		For Up To 20, Add	*1.67*	
		For >200, Deduct	*-0.88*	
		For Work In Restricted Working Space, Add	*1.72*	
		For Medical/Oxygen Service Tubing, Add	*0.70*	
22 11 16 00-0406	LF	1-1/4" Hard Drawn Type K Copper Tube/Pipe	19.05	5.35
		For Up To 20, Add	*2.18*	
		For >200, Deduct	*-1.09*	
		For Work In Restricted Working Space, Add	*2.44*	
		For Medical/Oxygen Service Tubing, Add	*0.87*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0407	LF	1-1/2" Hard Drawn Type K Copper Tube/Pipe	23.12	5.97
		For Up To 20, Add	*2.66*	
		For >200, Deduct	*-1.40*	
		For Work In Restricted Working Space, Add	*2.74*	
		For Medical/Oxygen Service Tubing, Add	*1.12*	
22 11 16 00-0408	LF	2" Hard Drawn Type K Copper Tube/Pipe	32.70	7.37
		For Up To 20, Add	*3.81*	
		For >200, Deduct	*-2.15*	
		For Work In Restricted Working Space, Add	*3.36*	
		For Medical/Oxygen Service Tubing, Add	*1.72*	
22 11 16 00-0409	LF	2-1/2" Hard Drawn Type K Copper Tube/Pipe	56.38	8.66
		For Up To 20, Add	*6.44*	
		For >200, Deduct	*-3.21*	
		For Work In Restricted Working Space, Add	*7.30*	
		For Medical/Oxygen Service Tubing, Add	*2.56*	
22 11 16 00-0410	LF	3" Hard Drawn Type K Copper Tube/Pipe	75.16	10.22
		For Up To 20, Add	*8.61*	
		For >200, Deduct	*-4.38*	
		For Work In Restricted Working Space, Add	*9.41*	
		For Medical/Oxygen Service Tubing, Add	*3.50*	
22 11 16 00-0411	LF	4" Hard Drawn Type K Copper Tube/Pipe	113.60	11.52
		For Up To 20, Add	*13.31*	
		For >200, Deduct	*-7.81*	
		For Work In Restricted Working Space, Add	*10.66*	
		For Medical/Oxygen Service Tubing, Add	*6.25*	
22 11 16 00-0412	LF	5" Hard Drawn Type K Copper Tube/Pipe	185.02	13.24
		For Up To 20, Add	*22.08*	
		For >200, Deduct	*-14.31*	
		For Work In Restricted Working Space, Add	*12.58*	
		For Medical/Oxygen Service Tubing, Add	*11.45*	
22 11 16 00-0413	LF	6" Hard Drawn Type K Copper Tube/Pipe	272.90	20.51
		For Up To 20, Add	*32.42*	
		For >200, Deduct	*-20.53*	
		For Work In Restricted Working Space, Add	*20.28*	
		For Medical/Oxygen Service Tubing, Add	*16.42*	
22 11 16 00-0414	LF	8" Hard Drawn Type K Copper Tube/Pipe	458.92	22.80
		For Up To 20, Add	*55.50*	
		For >200, Deduct	*-38.44*	
		For Work In Restricted Working Space, Add	*22.34*	
		For Medical/Oxygen Service Tubing, Add	*30.76*	
22 11 16 00-0415		**Hard Drawn Type M Copper Tube/Pipe** *(22 11 16 00-0384)*		
22 11 16 00-0416	LF	3/8" Hard Drawn Type M Copper Tube/Pipe	5.26	2.43
		For Up To 20, Add	*0.57*	
		For >200, Deduct	*-0.18*	
		For Work In Restricted Working Space, Add	*1.05*	
22 11 16 00-0417	LF	1/2" Hard Drawn Type M Copper Tube/Pipe	5.59	2.53
		For Up To 20, Add	*0.61*	
		For >200, Deduct	*-0.20*	
		For Work In Restricted Working Space, Add	*1.08*	
22 11 16 00-0418	LF	3/4" Hard Drawn Type M Copper Tube/Pipe	7.06	2.68
		For Up To 20, Add	*0.79*	
		For >200, Deduct	*-0.32*	
		For Work In Restricted Working Space, Add	*1.16*	
22 11 16 00-0419	LF	1" Hard Drawn Type M Copper Tube/Pipe	9.24	3.01
		For Up To 20, Add	*1.05*	
		For >200, Deduct	*-0.49*	
		For Work In Restricted Working Space, Add	*1.29*	
22 11 16 00-0420	LF	1-1/4" Hard Drawn Type M Copper Tube/Pipe	13.81	4.49
		For Up To 20, Add	*1.56*	
		For >200, Deduct	*-0.72*	
		For Work In Restricted Working Space, Add	*1.98*	
22 11 16 00-0421	LF	1-1/2" Hard Drawn Type M Copper Tube/Pipe	17.53	5.00
		For Up To 20, Add	*2.00*	
		For >200, Deduct	*-0.99*	
		For Work In Restricted Working Space, Add	*2.28*	
22 11 16 00-0422	LF	2" Hard Drawn Type M Copper Tube/Pipe	25.05	6.16
		For Up To 20, Add	*2.90*	
		For >200, Deduct	*-1.56*	
		For Work In Restricted Working Space, Add	*2.83*	
22 11 16 00-0423	LF	2-1/2" Hard Drawn Type M Copper Tube/Pipe	45.57	7.25
		For Up To 20, Add	*5.12*	
		For >200, Deduct	*-2.27*	
		For Work In Restricted Working Space, Add	*6.87*	
22 11 16 00-0424	LF	3" Hard Drawn Type M Copper Tube/Pipe	55.87	8.55
		For Up To 20, Add	*6.34*	
		For >200, Deduct	*-3.02*	
		For Work In Restricted Working Space, Add	*7.71*	
22 11 16 00-0425	LF	4" Hard Drawn Type M Copper Tube/Pipe	86.47	9.65
		For Up To 20, Add	*10.06*	
		For >200, Deduct	*-5.65*	
		For Work In Restricted Working Space, Add	*9.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0426	LF	5" Hard Drawn Type M Copper Tube/Pipe	144.27	11.08
		For Up To 20, Add	*17.17*	
		For >200, Deduct	*-10.96*	
		For Work In Restricted Working Space, Add	*10.39*	
22 11 16 00-0427	LF	6" Hard Drawn Type M Copper Tube/Pipe	200.10	17.18
		For Up To 20, Add	*23.67*	
		For >200, Deduct	*-14.65*	
		For Work In Restricted Working Space, Add	*16.09*	
22 11 16 00-0428	LF	8" Hard Drawn Type M Copper Tube/Pipe	336.56	19.09
		For Up To 20, Add	*40.60*	
		For >200, Deduct	*-27.76*	
		For Work In Restricted Working Space, Add	*17.70*	
22 11 16 00-0429		**Soft Drawn Type L Copper Tube** *(22 11 16 00-0384)*		
22 11 16 00-0430	LF	1/4" Soft Drawn Type L Copper Tube	5.87	2.59
		For Up To 20, Add	*0.64*	
		For >200, Deduct	*-0.20*	
		For Work In Restricted Working Space, Add	*1.16*	
22 11 16 00-0431	LF	3/8" Soft Drawn Type L Copper Tube	7.15	2.69
		For Up To 20, Add	*0.79*	
		For >200, Deduct	*-0.31*	
		For Work In Restricted Working Space, Add	*1.22*	
22 11 16 00-0432	LF	1/2" Soft Drawn Type L Copper Tube	8.37	2.81
		For Up To 20, Add	*0.94*	
		For >200, Deduct	*-0.42*	
		For Work In Restricted Working Space, Add	*1.27*	
22 11 16 00-0433	LF	3/4" Soft Drawn Type L Copper Tube	10.83	2.98
		For Up To 20, Add	*1.24*	
		For >200, Deduct	*-0.64*	
		For Work In Restricted Working Space, Add	*1.34*	
22 11 16 00-0434	LF	1" Soft Drawn Type L Copper Tube	13.83	3.35
		For Up To 20, Add	*1.60*	
		For >200, Deduct	*-0.88*	
		For Work In Restricted Working Space, Add	*1.51*	
22 11 16 00-0435	LF	1-1/4" Soft Drawn Type L Copper Tube	19.05	4.98
		For Up To 20, Add	*2.19*	
		For >200, Deduct	*-1.16*	
		For Work In Restricted Working Space, Add	*2.24*	
22 11 16 00-0436	LF	1-1/2" Soft Drawn Type L Copper Tube	24.04	5.56
		For Up To 20, Add	*2.80*	
		For >200, Deduct	*-1.57*	
		For Work In Restricted Working Space, Add	*2.50*	
22 11 16 00-0437	LF	2" Soft Drawn Type L Copper Tube	35.25	6.86
		For Up To 20, Add	*4.15*	
		For >200, Deduct	*-2.50*	
		For Work In Restricted Working Space, Add	*3.08*	
22 11 16 00-0438		**Soft Drawn Type K Copper Tube** *(22 11 16 00-0384)*		
22 11 16 00-0439	LF	1/4" Soft Drawn Type K Copper Tube	6.07	2.59
		For Up To 20, Add	*0.66*	
		For >200, Deduct	*-0.22*	
		For Work In Restricted Working Space, Add	*1.16*	
22 11 16 00-0440	LF	3/8" Soft Drawn Type K Copper Tube	7.79	2.69
		For Up To 20, Add	*0.87*	
		For >200, Deduct	*-0.37*	
		For Work In Restricted Working Space, Add	*1.22*	
22 11 16 00-0441	LF	1/2" Soft Drawn Type K Copper Tube	8.91	2.81
		For Up To 20, Add	*1.01*	
		For >200, Deduct	*-0.47*	
		For Work In Restricted Working Space, Add	*1.27*	
22 11 16 00-0442	LF	5/8" Soft Drawn Type K Copper Tube	9.93	2.90
		For Up To 20, Add	*1.13*	
		For >200, Deduct	*-0.56*	
		For Work In Restricted Working Space, Add	*1.30*	
22 11 16 00-0443	LF	3/4" Soft Drawn Type K Copper Tube	13.14	2.98
		For Up To 20, Add	*1.53*	
		For >200, Deduct	*-0.87*	
		For Work In Restricted Working Space, Add	*1.34*	
22 11 16 00-0444	LF	1" Soft Drawn Type K Copper Tube	16.53	3.35
		For Up To 20, Add	*1.94*	
		For >200, Deduct	*-1.15*	
		For Work In Restricted Working Space, Add	*1.51*	
22 11 16 00-0445	LF	1-1/4" Soft Drawn Type K Copper Tube	21.03	4.98
		For Up To 20, Add	*2.44*	
		For >200, Deduct	*-1.36*	
		For Work In Restricted Working Space, Add	*2.24*	
22 11 16 00-0446	LF	1-1/2" Soft Drawn Type K Copper Tube	27.19	5.56
		For Up To 20, Add	*3.19*	
		For >200, Deduct	*-1.89*	
		For Work In Restricted Working Space, Add	*2.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0447	LF	2" Soft Drawn Type K Copper Tube	39.58	6.86
		For Up To 20, Add	*4.69*	
		For >200, Deduct	*-2.93*	
		For Work In Restricted Working Space, Add	*3.08*	
22 11 16 00-0448	LF	2-1/2" Soft Drawn Type K Copper Tube	56.28	8.23
		For Up To 20, Add	*6.73*	
		For >200, Deduct	*-4.40*	
		For Work In Restricted Working Space, Add	*3.70*	
22 11 16 00-0449	LF	3" Soft Drawn Type K Copper Tube	75.71	9.71
		For Up To 20, Add	*9.10*	
		For >200, Deduct	*-6.12*	
		For Work In Restricted Working Space, Add	*4.37*	

22 11 16 00-0450 Copper And Brass Fittings *(22 11 16 00-0383)*

Note: All fittings are based on 95/5 solder.

22 11 16 00-0451 90 Degree Copper Elbows *(22 11 16 00-0450)*

22 11 16 00-0452	EA	1/4" 90 Degree Copper Elbow	27.81	15.35
		For Silver Solder Instead Of 95/5 Solder, Add	*3.69*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-2.54*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*3.45*	
		For Street Fitting, Add	*1.92*	
		For Work In Restricted Working Space, Add	*6.90*	
22 11 16 00-0453	EA	3/8" 90 Degree Copper Elbow	32.69	18.41
		For Silver Solder Instead Of 95/5 Solder, Add	*4.40*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.02*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*4.14*	
		For Street Fitting, Add	*2.03*	
		For Work In Restricted Working Space, Add	*8.28*	
22 11 16 00-0454	EA	1/2" 90 Degree Copper Elbow	39.62	25.31
		For Silver Solder Instead Of 95/5 Solder, Add	*5.78*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.88*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*5.70*	
		For Street Fitting, Add	*0.66*	
		For Work In Restricted Working Space, Add	*11.39*	
22 11 16 00-0455	EA	3/4" 90 Degree Copper Elbow	50.87	31.53
		For Silver Solder Instead Of 95/5 Solder, Add	*7.26*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.90*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*7.08*	
		For Street Fitting, Add	*1.48*	
		For Work In Restricted Working Space, Add	*14.15*	
22 11 16 00-0456	EA	1" 90 Degree Copper Elbow	65.44	37.62
		For Silver Solder Instead Of 95/5 Solder, Add	*8.91*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-6.09*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*8.46*	
		For Street Fitting, Add	*3.62*	
		For Work In Restricted Working Space, Add	*16.91*	
22 11 16 00-0457	EA	1-1/4" 90 Degree Copper Elbow	74.52	40.73
		For Silver Solder Instead Of 95/5 Solder, Add	*9.82*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-6.78*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*9.15*	
		For Street Fitting, Add	*5.42*	
		For Work In Restricted Working Space, Add	*18.29*	
22 11 16 00-0458	EA	1-1/2" 90 Degree Copper Elbow	87.91	44.53
		For Silver Solder Instead Of 95/5 Solder, Add	*11.07*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-7.73*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*10.01*	
		For Street Fitting, Add	*8.47*	
		For Work In Restricted Working Space, Add	*20.02*	
22 11 16 00-0459	EA	2" 90 Degree Copper Elbow	113.38	49.93
		For Silver Solder Instead Of 95/5 Solder, Add	*13.15*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-9.41*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*11.22*	
		For Street Fitting, Add	*15.44*	
		For Work In Restricted Working Space, Add	*22.43*	
22 11 16 00-0460	EA	2-1/2" 90 Degree Copper Elbow	167.32	50.85
		For Silver Solder Instead Of 95/5 Solder, Add	*15.99*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-12.18*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*11.44*	
		For Work In Restricted Working Space, Add	*22.88*	
22 11 16 00-0461	EA	3" 90 Degree Copper Elbow	219.51	60.82
		For Silver Solder Instead Of 95/5 Solder, Add	*20.09*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-15.53*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*13.67*	
		For Work In Restricted Working Space, Add	*27.34*	
22 11 16 00-0462	EA	4" 90 Degree Copper Elbow	440.78	86.25
		For Silver Solder Instead Of 95/5 Solder, Add	*34.97*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-28.50*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*19.39*	
		For Work In Restricted Working Space, Add	*38.78*	
22 11 16 00-0463	EA	5" 90 Degree Copper Elbow	1,481.97	118.03
		For Silver Solder Instead Of 95/5 Solder, Add	*91.79*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-82.95*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*26.54*	
		For Work In Restricted Working Space, Add	*53.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0464	EA	6" 90 Degree Copper Elbow	1,997.18	171.75
		For Silver Solder Instead Of 95/5 Solder, Add	*125.61*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-112.73*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*38.62*	
		For Work In Restricted Working Space, Add	*77.24*	
22 11 16 00-0465	EA	8" 90 Degree Copper Elbow	6,779.34	228.97
		For Silver Solder Instead Of 95/5 Solder, Add	*373.30*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-356.13*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*51.49*	
		For Work In Restricted Working Space, Add	*102.99*	
22 11 16 00-0466		90 Degree Brass Elbows *(22 11 16 00-0450)*		
22 11 16 00-0467	EA	1/2" Drop Ear 90 Degree Brass Elbow	48.31	25.31
		For Silver Solder Instead Of 95/5 Solder, Add	*6.21*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.31*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*5.70*	
		For Work In Restricted Working Space, Add	*11.39*	
22 11 16 00-0468	EA	3/4" Drop Ear 90 Degree Brass Elbow	77.31	31.53
		For Silver Solder Instead Of 95/5 Solder, Add	*8.58*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-6.22*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*7.08*	
		For Work In Restricted Working Space, Add	*14.15*	
22 11 16 00-0469	EA	1/2" Flanged Sink 90 Degree Brass Elbow	56.81	25.31
		For Silver Solder Instead Of 95/5 Solder, Add	*6.64*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.74*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*5.70*	
		For Work In Restricted Working Space, Add	*11.39*	
22 11 16 00-0470	EA	3/8" Drop Ear 90 Degree Brass Elbow, Solder X Threaded	43.07	18.41
		For Silver Solder Instead Of 95/5 Solder, Add	*4.91*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.53*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*4.14*	
		For Work In Restricted Working Space, Add	*8.28*	
22 11 16 00-0471	EA	1/2" Drop Ear 90 Degree Brass Elbow, Solder X Threaded	49.04	25.31
		For Silver Solder Instead Of 95/5 Solder, Add	*6.25*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.35*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*5.70*	
		For Work In Restricted Working Space, Add	*11.39*	
22 11 16 00-0472	EA	3/4" Drop Ear 90 Degree Brass Elbow, Solder X Threaded	66.65	31.53
		For Silver Solder Instead Of 95/5 Solder, Add	*8.05*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-5.69*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*7.08*	
		For Work In Restricted Working Space, Add	*14.15*	
22 11 16 00-0473	EA	1" Drop Ear 90 Degree Brass Elbow, Solder X Threaded	118.58	37.62
		For Silver Solder Instead Of 95/5 Solder, Add	*11.57*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-8.75*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*8.46*	
		For Work In Restricted Working Space, Add	*16.91*	
22 11 16 00-0474		Reducing 90 Degree Copper Elbows *(22 11 16 00-0450)*		
22 11 16 00-0475	EA	1/2" Reducing 90 Degree Copper Elbow	51.32	25.31
		For Silver Solder Instead Of 95/5 Solder, Add	*6.36*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.46*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*5.70*	
		For Work In Restricted Working Space, Add	*11.39*	
22 11 16 00-0476	EA	3/4" Reducing 90 Degree Copper Elbow	56.64	31.53
		For Silver Solder Instead Of 95/5 Solder, Add	*7.55*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-5.19*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*7.08*	
		For Work In Restricted Working Space, Add	*14.15*	
22 11 16 00-0477	EA	1" Reducing 90 Degree Copper Elbow	73.76	37.62
		For Silver Solder Instead Of 95/5 Solder, Add	*9.33*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-6.51*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*8.46*	
		For Work In Restricted Working Space, Add	*16.91*	
22 11 16 00-0478	EA	1-1/4" Reducing 90 Degree Copper Elbow	105.25	40.73
		For Silver Solder Instead Of 95/5 Solder, Add	*11.36*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-8.31*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*9.15*	
		For Work In Restricted Working Space, Add	*18.29*	
22 11 16 00-0479	EA	1-1/2" Reducing 90 Degree Copper Elbow	124.91	44.53
		For Silver Solder Instead Of 95/5 Solder, Add	*12.92*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-9.58*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*10.01*	
		For Work In Restricted Working Space, Add	*20.02*	
22 11 16 00-0480	EA	2" Reducing 90 Degree Copper Elbow	153.08	49.93
		For Silver Solder Instead Of 95/5 Solder, Add	*15.13*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-11.39*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*11.22*	
		For Work In Restricted Working Space, Add	*22.43*	
22 11 16 00-0481		45 Degree Copper Elbows *(22 11 16 00-0450)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0482	EA	1/4" 45 Degree Copper Elbow	31.97	15.35
		For Silver Solder Instead Of 95/5 Solder, Add	*3.90*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-2.75*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*3.45*	
		For Street Fitting, Add	*3.58*	
		For Work In Restricted Working Space, Add	*6.90*	
22 11 16 00-0483	EA	3/8" 45 Degree Copper Elbow	35.29	18.41
		For Silver Solder Instead Of 95/5 Solder, Add	*4.53*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.15*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*4.14*	
		For Street Fitting, Add	*3.07*	
		For Work In Restricted Working Space, Add	*8.28*	
22 11 16 00-0484	EA	1/2" 45 Degree Copper Elbow	40.99	25.31
		For Silver Solder Instead Of 95/5 Solder, Add	*5.85*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.95*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*5.70*	
		For Street Fitting, Add	*1.21*	
		For Work In Restricted Working Space, Add	*11.39*	
22 11 16 00-0485	EA	3/4" 45 Degree Copper Elbow	52.34	31.53
		For Silver Solder Instead Of 95/5 Solder, Add	*7.33*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.98*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*7.08*	
		For Street Fitting, Add	*2.07*	
		For Work In Restricted Working Space, Add	*14.15*	
22 11 16 00-0486	EA	1" 45 Degree Copper Elbow	69.28	37.62
		For Silver Solder Instead Of 95/5 Solder, Add	*9.10*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-6.28*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*8.46*	
		For Street Fitting, Add	*5.16*	
		For Work In Restricted Working Space, Add	*16.91*	
22 11 16 00-0487	EA	1-1/4" 45 Degree Copper Elbow	78.45	40.73
		For Silver Solder Instead Of 95/5 Solder, Add	*10.02*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-6.97*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*9.15*	
		For Street Fitting, Add	*6.99*	
		For Work In Restricted Working Space, Add	*18.29*	
22 11 16 00-0488	EA	1-1/2" 45 Degree Copper Elbow	88.18	44.53
		For Silver Solder Instead Of 95/5 Solder, Add	*11.08*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-7.75*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*10.01*	
		For Street Fitting, Add	*8.58*	
		For Work In Restricted Working Space, Add	*20.02*	
22 11 16 00-0489	EA	2" 45 Degree Copper Elbow	110.55	49.93
		For Silver Solder Instead Of 95/5 Solder, Add	*13.01*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-9.27*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*11.22*	
		For Work In Restricted Working Space, Add	*22.43*	
22 11 16 00-0490	EA	2-1/2" 45 Degree Copper Elbow	166.22	50.85
		For Silver Solder Instead Of 95/5 Solder, Add	*15.94*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-12.13*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*11.44*	
		For Work In Restricted Working Space, Add	*22.88*	
22 11 16 00-0491	EA	3" 45 Degree Copper Elbow	224.57	60.82
		For Silver Solder Instead Of 95/5 Solder, Add	*20.34*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-15.78*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*13.67*	
		For Work In Restricted Working Space, Add	*27.34*	
22 11 16 00-0492	EA	4" 45 Degree Copper Elbow	413.82	86.25
		For Silver Solder Instead Of 95/5 Solder, Add	*33.62*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-27.15*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*19.39*	
		For Work In Restricted Working Space, Add	*38.78*	
22 11 16 00-0493	EA	5" 45 Degree Copper Elbow	1,278.99	118.03
		For Silver Solder Instead Of 95/5 Solder, Add	*81.64*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-72.80*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*26.54*	
		For Work In Restricted Working Space, Add	*53.08*	
22 11 16 00-0494	EA	6" 45 Degree Copper Elbow	1,994.21	171.75
		For Silver Solder Instead Of 95/5 Solder, Add	*125.46*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-112.58*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*38.62*	
		For Work In Restricted Working Space, Add	*77.24*	
22 11 16 00-0495	EA	8" 45 Degree Copper Elbow	6,244.66	228.97
		For Silver Solder Instead Of 95/5 Solder, Add	*346.56*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-329.40*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*51.49*	
		For Work In Restricted Working Space, Add	*102.99*	
22 11 16 00-0496		Straight Copper And Brass Tees *(22 11 16 00-0450)*		
22 11 16 00-0497	EA	1/4" Straight Copper Tee	44.58	23.01
		For Silver Solder Instead Of 95/5 Solder, Add	*5.68*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.96*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*5.18*	
		For Work In Restricted Working Space, Add	*10.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0498	EA	3/8" Straight Copper Tee	49.53	27.61
		For Silver Solder Instead Of 95/5 Solder, Add	*6.62*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.55*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*6.21*	
		For Work In Restricted Working Space, Add	*12.43*	
22 11 16 00-0499	EA	1/2" Straight Copper Tee	60.37	38.42
		For Silver Solder Instead Of 95/5 Solder, Add	*8.77*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-5.90*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*8.63*	
		For Work In Restricted Working Space, Add	*17.26*	
22 11 16 00-0500	EA	3/4" Straight Copper Tee	78.10	47.64
		For Silver Solder Instead Of 95/5 Solder, Add	*11.04*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-7.47*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*10.70*	
		For Work In Restricted Working Space, Add	*21.40*	
22 11 16 00-0501	EA	1" Straight Copper Tee	105.50	56.84
		For Silver Solder Instead Of 95/5 Solder, Add	*13.79*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-9.53*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*12.77*	
		For Work In Restricted Working Space, Add	*25.55*	
22 11 16 00-0502	EA	1-1/4" Straight Copper Tee	120.40	61.44
		For Silver Solder Instead Of 95/5 Solder, Add	*15.22*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-10.62*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*13.81*	
		For Work In Restricted Working Space, Add	*27.61*	
22 11 16 00-0503	EA	1-1/2" Straight Copper Tee	143.00	66.73
		For Silver Solder Instead Of 95/5 Solder, Add	*17.16*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-12.16*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*15.02*	
		For Work In Restricted Working Space, Add	*30.03*	
22 11 16 00-0504	EA	2" Straight Copper Tee	180.95	75.25
		For Silver Solder Instead Of 95/5 Solder, Add	*20.32*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-14.69*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*16.91*	
		For Work In Restricted Working Space, Add	*33.83*	
22 11 16 00-0505	EA	2-1/2" Straight Copper Tee	276.71	76.28
		For Silver Solder Instead Of 95/5 Solder, Add	*25.28*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-19.56*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*17.16*	
		For Work In Restricted Working Space, Add	*34.33*	
22 11 16 00-0506	EA	3" Straight Copper Tee	385.66	91.86
		For Silver Solder Instead Of 95/5 Solder, Add	*33.06*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-26.17*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*20.66*	
		For Work In Restricted Working Space, Add	*41.32*	
22 11 16 00-0507	EA	4" Straight Copper Tee	792.87	128.63
		For Silver Solder Instead Of 95/5 Solder, Add	*58.93*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-49.29*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*28.92*	
		For Work In Restricted Working Space, Add	*57.85*	
22 11 16 00-0508	EA	5" Straight Copper Tee	2,225.33	175.99
		For Silver Solder Instead Of 95/5 Solder, Add	*137.65*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-124.46*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*39.57*	
		For Work In Restricted Working Space, Add	*79.15*	
22 11 16 00-0509	EA	6" Straight Copper Tee	3,068.09	257.99
		For Silver Solder Instead Of 95/5 Solder, Add	*192.08*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-172.74*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*58.01*	
		For Work In Restricted Working Space, Add	*116.02*	
22 11 16 00-0510	EA	8" Straight Copper Tee	10,858.16	343.50
		For Silver Solder Instead Of 95/5 Solder, Add	*594.40*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-568.65*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*77.24*	
		For Work In Restricted Working Space, Add	*154.48*	
22 11 16 00-0511	EA	1/2" Cast Bronze Drop Ear Tee	74.96	38.42
		For Silver Solder Instead Of 95/5 Solder, Add	*9.50*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-6.62*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*8.63*	
		For Work In Restricted Working Space, Add	*17.26*	

22 11 16 00-0512 Reducing Copper Tees *(22 11 16 00-0450)*

22 11 16 00-0513	EA	3/8" Reducing Copper Tee	52.82	24.51
		For Silver Solder Instead Of 95/5 Solder, Add	*6.32*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.48*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*5.52*	
		For Work In Restricted Working Space, Add	*11.04*	
22 11 16 00-0514	EA	1/2" Reducing Copper Tee	65.87	34.52
		For Silver Solder Instead Of 95/5 Solder, Add	*8.47*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-5.88*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*7.77*	
		For Work In Restricted Working Space, Add	*15.53*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0515	EA	3/4" Reducing Copper Tee	73.91	44.53
		For Silver Solder Instead Of 95/5 Solder, Add	*10.37*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-7.03*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*10.01*	
		For Work In Restricted Working Space, Add	*20.02*	
22 11 16 00-0516	EA	1" Reducing Copper Tee	103.36	53.73
		For Silver Solder Instead Of 95/5 Solder, Add	*13.22*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-9.20*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*12.08*	
		For Work In Restricted Working Space, Add	*24.16*	
22 11 16 00-0517	EA	1-1/4" Reducing Copper Tee	122.06	58.33
		For Silver Solder Instead Of 95/5 Solder, Add	*14.85*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-10.48*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*13.12*	
		For Work In Restricted Working Space, Add	*26.23*	
22 11 16 00-0518	EA	1-1/2" Reducing Copper Tee	144.44	63.74
		For Silver Solder Instead Of 95/5 Solder, Add	*16.77*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-12.00*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*14.33*	
		For Work In Restricted Working Space, Add	*28.65*	
22 11 16 00-0519	EA	2" Reducing Copper Tee	177.76	71.33
		For Silver Solder Instead Of 95/5 Solder, Add	*19.59*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-14.24*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*16.05*	
		For Work In Restricted Working Space, Add	*32.10*	
22 11 16 00-0520	EA	2-1/2" Reducing Copper Tee	287.96	73.53
		For Silver Solder Instead Of 95/5 Solder, Add	*25.42*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-19.91*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*16.53*	
		For Work In Restricted Working Space, Add	*33.06*	
22 11 16 00-0521	EA	3" Reducing Copper Tee	419.08	84.76
		For Silver Solder Instead Of 95/5 Solder, Add	*33.67*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-27.31*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*19.07*	
		For Work In Restricted Working Space, Add	*38.15*	
22 11 16 00-0522	EA	4" Reducing Copper Tee	771.38	104.58
		For Silver Solder Instead Of 95/5 Solder, Add	*54.25*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-46.41*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*23.52*	
		For Work In Restricted Working Space, Add	*47.05*	

22 11 16 00-0523 Copper Couplings *(22 11 16 00-0450)*

22 11 16 00-0524	EA	1/4" Copper Coupling	23.97	15.35
		For Silver Solder Instead Of 95/5 Solder, Add	*3.50*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-2.35*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*3.45*	
		For Work In Restricted Working Space, Add	*6.90*	
22 11 16 00-0525	EA	3/8" Copper Coupling	28.89	18.41
		For Silver Solder Instead Of 95/5 Solder, Add	*4.21*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-2.83*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*4.14*	
		For Work In Restricted Working Space, Add	*8.28*	
22 11 16 00-0526	EA	1/2" Copper Coupling	39.02	25.31
		For Silver Solder Instead Of 95/5 Solder, Add	*5.75*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.85*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*5.70*	
		For Work In Restricted Working Space, Add	*11.39*	
22 11 16 00-0527	EA	3/4" Copper Coupling	49.32	31.53
		For Silver Solder Instead Of 95/5 Solder, Add	*7.18*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.82*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*7.08*	
		For Work In Restricted Working Space, Add	*14.15*	
22 11 16 00-0528	EA	1" Copper Coupling	60.63	37.62
		For Silver Solder Instead Of 95/5 Solder, Add	*8.67*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-5.85*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*8.46*	
		For Work In Restricted Working Space, Add	*16.91*	
22 11 16 00-0529	EA	1-1/4" Copper Coupling	68.48	40.73
		For Silver Solder Instead Of 95/5 Solder, Add	*9.52*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-6.47*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*9.15*	
		For Work In Restricted Working Space, Add	*18.29*	
22 11 16 00-0530	EA	1-1/2" Copper Coupling	76.65	44.53
		For Silver Solder Instead Of 95/5 Solder, Add	*10.51*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-7.17*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*10.01*	
		For Work In Restricted Working Space, Add	*20.02*	
22 11 16 00-0531	EA	2" Copper Coupling	91.29	49.47
		For Silver Solder Instead Of 95/5 Solder, Add	*12.04*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-8.30*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*11.22*	
		For Work In Restricted Working Space, Add	*22.43*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0532	EA	2-1/2" Copper Coupling	112.87	48.10
		For Silver Solder Instead Of 95/5 Solder, Add	*12.85*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-9.25*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*10.81*	
		For Work In Restricted Working Space, Add	*21.62*	
22 11 16 00-0533	EA	3" Copper Coupling	142.44	58.27
		For Silver Solder Instead Of 95/5 Solder, Add	*15.81*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-11.47*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*13.03*	
		For Work In Restricted Working Space, Add	*26.06*	
22 11 16 00-0534	EA	4" Copper Coupling	238.95	78.41
		For Silver Solder Instead Of 95/5 Solder, Add	*23.60*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-17.78*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*17.48*	
		For Work In Restricted Working Space, Add	*34.97*	
22 11 16 00-0535	EA	5" Copper Coupling	414.01	143.03
		For Silver Solder Instead Of 95/5 Solder, Add	*36.59*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-28.65*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*23.84*	
		For Work In Restricted Working Space, Add	*47.68*	
22 11 16 00-0536	EA	6" Copper Coupling	654.63	155.43
		For Silver Solder Instead Of 95/5 Solder, Add	*56.04*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-44.39*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*34.97*	
		For Work In Restricted Working Space, Add	*69.93*	
22 11 16 00-0537	EA	8" Copper Coupling	1,675.80	206.08
		For Silver Solder Instead Of 95/5 Solder, Add	*114.73*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-99.26*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*46.41*	
		For Work In Restricted Working Space, Add	*92.81*	

22 11 16 00-0538 Reducing Copper Couplings *(22 11 16 00-0450)*

22 11 16 00-0539	EA	3/8" Reducing Copper Coupling	25.11	15.31
		For Silver Solder Instead Of 95/5 Solder, Add	*3.56*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-2.41*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*3.45*	
		For Work In Restricted Working Space, Add	*6.90*	
22 11 16 00-0540	EA	1/2" Reducing Copper Coupling	35.00	21.86
		For Silver Solder Instead Of 95/5 Solder, Add	*5.03*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.39*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*4.92*	
		For Work In Restricted Working Space, Add	*9.84*	
22 11 16 00-0541	EA	3/4" Reducing Copper Coupling	46.37	28.42
		For Silver Solder Instead Of 95/5 Solder, Add	*6.58*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.45*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*6.39*	
		For Work In Restricted Working Space, Add	*12.77*	
22 11 16 00-0542	EA	1" Reducing Copper Coupling	58.64	34.52
		For Silver Solder Instead Of 95/5 Solder, Add	*8.11*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-5.52*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*7.77*	
		For Work In Restricted Working Space, Add	*15.53*	
22 11 16 00-0543	EA	1-1/4" Reducing Copper Coupling	68.24	39.12
		For Silver Solder Instead Of 95/5 Solder, Add	*9.28*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-6.35*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*8.80*	
		For Work In Restricted Working Space, Add	*17.60*	
22 11 16 00-0544	EA	1-1/2" Reducing Copper Coupling	79.68	42.57
		For Silver Solder Instead Of 95/5 Solder, Add	*10.37*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-7.18*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*9.58*	
		For Work In Restricted Working Space, Add	*19.16*	
22 11 16 00-0545	EA	2" Reducing Copper Coupling	95.23	47.17
		For Silver Solder Instead Of 95/5 Solder, Add	*11.84*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-8.30*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*10.61*	
		For Work In Restricted Working Space, Add	*21.23*	
22 11 16 00-0546	EA	2-1/2" Reducing Copper Coupling	133.13	48.42
		For Silver Solder Instead Of 95/5 Solder, Add	*13.91*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-10.29*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*10.89*	
		For Work In Restricted Working Space, Add	*21.77*	
22 11 16 00-0547	EA	3" Reducing Copper Coupling	158.58	56.15
		For Silver Solder Instead Of 95/5 Solder, Add	*16.30*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-12.11*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*12.56*	
		For Work In Restricted Working Space, Add	*25.11*	
22 11 16 00-0548	EA	4" Reducing Copper Coupling	258.82	73.53
		For Silver Solder Instead Of 95/5 Solder, Add	*23.96*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-18.45*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*16.53*	
		For Work In Restricted Working Space, Add	*33.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0549	EA	5" Reducing Copper Coupling	734.86	102.45
		For Silver Solder Instead Of 95/5 Solder, Add	*52.11*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-44.42*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*23.04*	
		For Work In Restricted Working Space, Add	*46.09*	
22 11 16 00-0550	EA	6" Reducing Copper Coupling	1,106.67	137.73
		For Silver Solder Instead Of 95/5 Solder, Add	*75.99*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-65.66*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*30.99*	
		For Work In Restricted Working Space, Add	*61.98*	
22 11 16 00-0551	EA	8" Reducing Copper Coupling	2,208.95	200.71
		For Silver Solder Instead Of 95/5 Solder, Add	*140.54*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-125.49*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*45.14*	
		For Work In Restricted Working Space, Add	*90.27*	

22 11 16 00-0552 Male Copper Adapters *(22 11 16 00-0450)*

22 11 16 00-0553	EA	1/4" Male Copper Adapter	39.98	14.95
		For Silver Solder Instead Of 95/5 Solder, Add	*4.30*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.15*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*3.45*	
		For Work In Restricted Working Space, Add	*6.90*	
22 11 16 00-0554	EA	3/8" Male Copper Adapter	36.07	18.41
		For Silver Solder Instead Of 95/5 Solder, Add	*4.56*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.18*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*4.14*	
		For Work In Restricted Working Space, Add	*8.28*	
22 11 16 00-0555	EA	1/2" Male Copper Adapter	37.95	23.01
		For Silver Solder Instead Of 95/5 Solder, Add	*5.35*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.62*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*5.18*	
		For Work In Restricted Working Space, Add	*10.36*	
22 11 16 00-0556	EA	3/4" Male Copper Adapter	48.38	28.77
		For Silver Solder Instead Of 95/5 Solder, Add	*6.68*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.55*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*6.39*	
		For Work In Restricted Working Space, Add	*12.77*	
22 11 16 00-0557	EA	1" Male Copper Adapter	64.24	33.37
		For Silver Solder Instead Of 95/5 Solder, Add	*8.16*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-5.69*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*7.42*	
		For Work In Restricted Working Space, Add	*14.84*	
22 11 16 00-0558	EA	1-1/4" Male Copper Adapter	79.03	37.97
		For Silver Solder Instead Of 95/5 Solder, Add	*9.70*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-6.83*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*8.63*	
		For Work In Restricted Working Space, Add	*17.26*	
22 11 16 00-0559	EA	1-1/2" Male Copper Adapter	90.73	43.72
		For Silver Solder Instead Of 95/5 Solder, Add	*11.09*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-7.82*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*9.84*	
		For Work In Restricted Working Space, Add	*19.67*	
22 11 16 00-0560	EA	2" Male Copper Adapter	126.57	55.80
		For Silver Solder Instead Of 95/5 Solder, Add	*14.73*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-10.53*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*12.60*	
		For Work In Restricted Working Space, Add	*25.20*	
22 11 16 00-0561	EA	2-1/2" Male Copper Adapter	271.03	72.49
		For Silver Solder Instead Of 95/5 Solder, Add	*24.37*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-18.96*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*16.22*	
		For Work In Restricted Working Space, Add	*32.45*	
22 11 16 00-0562	EA	3" Male Copper Adapter	359.73	96.68
		For Silver Solder Instead Of 95/5 Solder, Add	*32.40*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-25.19*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*21.61*	
		For Work In Restricted Working Space, Add	*43.23*	
22 11 16 00-0563	EA	4" Male Copper Adapter	548.28	135.62
		For Silver Solder Instead Of 95/5 Solder, Add	*47.76*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-37.59*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*30.51*	
		For Work In Restricted Working Space, Add	*61.03*	

22 11 16 00-0564 Female Copper Adapters *(22 11 16 00-0450)*

22 11 16 00-0565	EA	1/4" Female Copper Adapter	33.85	14.95
		For Silver Solder Instead Of 95/5 Solder, Add	*3.99*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-2.84*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*3.45*	
		For Work In Restricted Working Space, Add	*6.90*	
22 11 16 00-0566	EA	3/8" Female Copper Adapter	38.95	18.41
		For Silver Solder Instead Of 95/5 Solder, Add	*4.71*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.33*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*4.14*	
		For Work In Restricted Working Space, Add	*8.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0567	EA	1/2" Female Copper Adapter	40.01	23.01
		For Silver Solder Instead Of 95/5 Solder, Add	*5.45*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.73*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*5.18*	
		For Work In Restricted Working Space, Add	*10.36*	
22 11 16 00-0568	EA	3/4" Female Copper Adapter	50.07	28.77
		For Silver Solder Instead Of 95/5 Solder, Add	*6.76*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.63*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*6.39*	
		For Work In Restricted Working Space, Add	*12.77*	
22 11 16 00-0569	EA	1" Female Copper Adapter	66.62	33.37
		For Silver Solder Instead Of 95/5 Solder, Add	*8.28*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-5.80*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*7.42*	
		For Work In Restricted Working Space, Add	*14.84*	
22 11 16 00-0570	EA	1-1/4" Female Copper Adapter	82.68	37.97
		For Silver Solder Instead Of 95/5 Solder, Add	*9.89*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-7.01*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*8.63*	
		For Work In Restricted Working Space, Add	*17.26*	
22 11 16 00-0571	EA	1-1/2" Female Copper Adapter	104.96	43.72
		For Silver Solder Instead Of 95/5 Solder, Add	*11.81*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-8.53*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*9.84*	
		For Work In Restricted Working Space, Add	*19.67*	
22 11 16 00-0572	EA	2" Female Copper Adapter	137.41	55.80
		For Silver Solder Instead Of 95/5 Solder, Add	*15.27*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-11.07*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*12.60*	
		For Work In Restricted Working Space, Add	*25.20*	
22 11 16 00-0573	EA	2-1/2" Female Copper Adapter	329.42	66.75
		For Silver Solder Instead Of 95/5 Solder, Add	*26.43*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-21.45*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*14.94*	
		For Work In Restricted Working Space, Add	*29.88*	
22 11 16 00-0574	EA	3" Female Copper Adapter	531.24	96.68
		For Silver Solder Instead Of 95/5 Solder, Add	*40.97*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-33.77*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*21.61*	
		For Work In Restricted Working Space, Add	*43.23*	

22 11 16 00-0575 Wrot Copper, Solder Union *(22 11 16 00-0450)*

22 11 16 00-0576	EA	1/4" Wrot Copper, Solder Union	40.41	18.41
		For Silver Solder Instead Of 95/5 Solder, Add	*4.78*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.40*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*4.14*	
		For Work In Restricted Working Space, Add	*8.28*	
22 11 16 00-0577	EA	3/8" Wrot Copper, Solder Union	46.55	22.20
		For Silver Solder Instead Of 95/5 Solder, Add	*5.66*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.00*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*5.01*	
		For Work In Restricted Working Space, Add	*10.01*	
22 11 16 00-0578	EA	1/2" Wrot Copper, Solder Union	49.58	27.61
		For Silver Solder Instead Of 95/5 Solder, Add	*6.62*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.55*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*6.21*	
		For Work In Restricted Working Space, Add	*12.43*	
22 11 16 00-0579	EA	3/4" Wrot Copper, Solder Union	57.19	31.53
		For Silver Solder Instead Of 95/5 Solder, Add	*7.58*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-5.22*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*7.08*	
		For Work In Restricted Working Space, Add	*14.15*	
22 11 16 00-0580	EA	1" Wrot Copper, Solder Union	73.60	37.62
		For Silver Solder Instead Of 95/5 Solder, Add	*9.32*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-6.50*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*8.46*	
		For Work In Restricted Working Space, Add	*16.91*	
22 11 16 00-0581	EA	1-1/4" Wrot Copper, Solder Union	87.07	41.43
		For Silver Solder Instead Of 95/5 Solder, Add	*10.57*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-7.46*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*9.32*	
		For Work In Restricted Working Space, Add	*18.64*	
22 11 16 00-0582	EA	1-1/2" Wrot Copper, Solder Union	104.20	46.03
		For Silver Solder Instead Of 95/5 Solder, Add	*12.11*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-8.66*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*10.36*	
		For Work In Restricted Working Space, Add	*20.71*	
22 11 16 00-0583	EA	2" Wrot Copper, Solder Union	142.78	55.23
		For Silver Solder Instead Of 95/5 Solder, Add	*15.42*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-11.28*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*12.43*	
		For Work In Restricted Working Space, Add	*24.85*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0584	EA	2-1/2" Wrot Copper, Solder Union	254.58	60.82
		For Silver Solder Instead Of 95/5 Solder, Add	*21.84*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-17.29*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*13.67*	
		For Work In Restricted Working Space, Add	*27.34*	
22 11 16 00-0585	EA	3" Wrot Copper, Solder Union	552.24	86.25
		For Silver Solder Instead Of 95/5 Solder, Add	*40.54*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-34.08*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*19.39*	
		For Work In Restricted Working Space, Add	*38.78*	

22 11 16 00-0586 Cast Bronze, Solder Union *(22 11 16 00-0450)*

22 11 16 00-0587	EA	1/4" Cast Bronze, Solder Union	45.12	18.41
		For Silver Solder Instead Of 95/5 Solder, Add	*5.02*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.64*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*4.14*	
		For Work In Restricted Working Space, Add	*8.28*	
22 11 16 00-0588	EA	3/8" Cast Bronze, Solder Union	51.01	22.20
		For Silver Solder Instead Of 95/5 Solder, Add	*5.89*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.22*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*5.01*	
		For Work In Restricted Working Space, Add	*10.01*	
22 11 16 00-0589	EA	1/2" Cast Bronze, Solder Union	50.82	27.61
		For Silver Solder Instead Of 95/5 Solder, Add	*6.68*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.61*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*6.21*	
		For Work In Restricted Working Space, Add	*12.43*	
22 11 16 00-0590	EA	3/4" Cast Bronze, Solder Union	58.94	31.53
		For Silver Solder Instead Of 95/5 Solder, Add	*7.66*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-5.31*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*7.08*	
		For Work In Restricted Working Space, Add	*14.15*	
22 11 16 00-0591	EA	1" Cast Bronze, Solder Union	76.64	37.62
		For Silver Solder Instead Of 95/5 Solder, Add	*9.47*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-6.65*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*8.46*	
		For Work In Restricted Working Space, Add	*16.91*	
22 11 16 00-0592	EA	1-1/4" Cast Bronze, Solder Union	95.38	41.43
		For Silver Solder Instead Of 95/5 Solder, Add	*10.98*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-7.88*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*9.32*	
		For Work In Restricted Working Space, Add	*18.64*	
22 11 16 00-0593	EA	1-1/2" Cast Bronze, Solder Union	112.88	46.03
		For Silver Solder Instead Of 95/5 Solder, Add	*12.55*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-9.10*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*10.36*	
		For Work In Restricted Working Space, Add	*20.71*	
22 11 16 00-0594	EA	2" Cast Bronze, Solder Union	157.55	55.23
		For Silver Solder Instead Of 95/5 Solder, Add	*16.16*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-12.02*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*12.43*	
		For Work In Restricted Working Space, Add	*24.85*	
22 11 16 00-0595	EA	2-1/2" Cast Bronze, Solder Union	254.57	60.82
		For Silver Solder Instead Of 95/5 Solder, Add	*21.84*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-17.28*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*13.67*	
		For Work In Restricted Working Space, Add	*27.34*	
22 11 16 00-0596	EA	3" Cast Bronze, Solder Union	552.24	86.25
		For Silver Solder Instead Of 95/5 Solder, Add	*40.54*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-34.08*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*19.39*	
		For Work In Restricted Working Space, Add	*38.78*	

22 11 16 00-0597 Cast Bronze, Solder X Female Threaded Union *(22 11 16 00-0450)*

22 11 16 00-0598	EA	1/4" Cast Bronze, Solder X Female Threaded Union	51.50	18.41
		For Silver Solder Instead Of 95/5 Solder, Add	*5.34*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.96*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*4.14*	
		For Work In Restricted Working Space, Add	*8.28*	
22 11 16 00-0599	EA	3/8" Cast Bronze, Solder X Female Threaded Union	58.09	22.20
		For Silver Solder Instead Of 95/5 Solder, Add	*6.24*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.57*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*5.01*	
		For Work In Restricted Working Space, Add	*10.01*	
22 11 16 00-0600	EA	1/2" Cast Bronze, Solder X Female Threaded Union	61.06	27.61
		For Silver Solder Instead Of 95/5 Solder, Add	*7.20*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-5.12*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*6.21*	
		For Work In Restricted Working Space, Add	*12.43*	
22 11 16 00-0601	EA	3/4" Cast Bronze, Solder X Female Threaded Union	73.93	31.53
		For Silver Solder Instead Of 95/5 Solder, Add	*8.41*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-6.06*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*7.08*	
		For Work In Restricted Working Space, Add	*14.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0602	EA	1" Cast Bronze, Solder X Female Threaded Union	112.04	37.62
		For Silver Solder Instead Of 95/5 Solder, Add	*11.24*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-8.42*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*8.46*	
		For Work In Restricted Working Space, Add	*16.91*	
22 11 16 00-0603	EA	1-1/4" Cast Bronze, Solder X Female Threaded Union	165.86	41.43
		For Silver Solder Instead Of 95/5 Solder, Add	*14.51*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-11.40*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*9.32*	
		For Work In Restricted Working Space, Add	*18.64*	
22 11 16 00-0604	EA	1-1/2" Cast Bronze, Solder X Female Threaded Union	200.45	46.03
		For Silver Solder Instead Of 95/5 Solder, Add	*16.93*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-13.47*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*10.36*	
		For Work In Restricted Working Space, Add	*20.71*	
22 11 16 00-0605	EA	2" Cast Bronze, Solder X Female Threaded Union	305.28	55.23
		For Silver Solder Instead Of 95/5 Solder, Add	*23.55*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-19.41*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*12.43*	
		For Work In Restricted Working Space, Add	*24.85*	
22 11 16 00-0606	EA	2-1/2" Cast Bronze, Solder X Female Threaded Union	512.79	60.82
		For Silver Solder Instead Of 95/5 Solder, Add	*34.75*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-30.20*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*13.67*	
		For Work In Restricted Working Space, Add	*27.34*	

22 11 16 00-0607 Cast Bronze, Solder X Male Threaded Union *(22 11 16 00-0450)*

22 11 16 00-0608	EA	1/4" Cast Bronze, Solder X Male Threaded Union	45.81	18.41
		For Silver Solder Instead Of 95/5 Solder, Add	*5.05*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.67*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*4.14*	
		For Work In Restricted Working Space, Add	*8.28*	
22 11 16 00-0609	EA	3/8" Cast Bronze, Solder X Male Threaded Union	54.61	22.20
		For Silver Solder Instead Of 95/5 Solder, Add	*6.07*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.40*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*5.01*	
		For Work In Restricted Working Space, Add	*10.01*	
22 11 16 00-0610	EA	1/2" Cast Bronze, Solder X Male Threaded Union	56.93	27.61
		For Silver Solder Instead Of 95/5 Solder, Add	*6.99*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.92*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*6.21*	
		For Work In Restricted Working Space, Add	*12.43*	
22 11 16 00-0611	EA	3/4" Cast Bronze, Solder X Male Threaded Union	70.43	31.53
		For Silver Solder Instead Of 95/5 Solder, Add	*8.24*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-5.88*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*7.08*	
		For Work In Restricted Working Space, Add	*14.15*	
22 11 16 00-0612	EA	1" Cast Bronze, Solder X Male Threaded Union	113.64	37.62
		For Silver Solder Instead Of 95/5 Solder, Add	*11.32*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-8.50*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*8.46*	
		For Work In Restricted Working Space, Add	*16.91*	
22 11 16 00-0613	EA	1-1/4" Cast Bronze, Solder X Male Threaded Union	133.16	41.43
		For Silver Solder Instead Of 95/5 Solder, Add	*12.87*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-9.76*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*9.32*	
		For Work In Restricted Working Space, Add	*18.64*	
22 11 16 00-0614	EA	1-1/2" Cast Bronze, Solder X Male Threaded Union	143.65	46.03
		For Silver Solder Instead Of 95/5 Solder, Add	*14.09*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-10.63*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*10.36*	
		For Work In Restricted Working Space, Add	*20.71*	
22 11 16 00-0615	EA	2" Cast Bronze, Solder X Male Threaded Union	197.44	55.23
		For Silver Solder Instead Of 95/5 Solder, Add	*18.16*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-14.01*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*12.43*	
		For Work In Restricted Working Space, Add	*24.85*	
22 11 16 00-0616	EA	2-1/2" Cast Bronze, Solder X Male Threaded Union	426.96	60.82
		For Silver Solder Instead Of 95/5 Solder, Add	*30.46*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-25.90*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*13.67*	
		For Work In Restricted Working Space, Add	*27.34*	

22 11 16 00-0617 Copper Caps *(22 11 16 00-0450)*

22 11 16 00-0618	EA	1/4" Copper Cap	9.05	5.06
		For Silver Solder Instead Of 95/5 Solder, Add	*1.21*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-0.83*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*1.14*	
		For Work In Restricted Working Space, Add	*2.28*	
22 11 16 00-0619	EA	3/8" Copper Cap	11.44	5.98
		For Silver Solder Instead Of 95/5 Solder, Add	*1.48*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-1.03*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*1.37*	
		For Work In Restricted Working Space, Add	*2.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0620	EA	1/2" Copper Cap	13.72	8.29
		For Silver Solder Instead Of 95/5 Solder, Add	*1.94*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-1.31*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*1.88*	
		For Work In Restricted Working Space, Add	*3.76*	
22 11 16 00-0621	EA	3/4" Copper Cap	17.81	10.24
		For Silver Solder Instead Of 95/5 Solder, Add	*2.45*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-1.67*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*2.34*	
		For Work In Restricted Working Space, Add	*4.67*	
22 11 16 00-0622	EA	1" Copper Cap	23.87	12.31
		For Silver Solder Instead Of 95/5 Solder, Add	*3.05*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-2.12*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*2.79*	
		For Work In Restricted Working Space, Add	*5.58*	
22 11 16 00-0623	EA	1-1/4" Copper Cap	27.17	13.23
		For Silver Solder Instead Of 95/5 Solder, Add	*3.37*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-2.37*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*3.02*	
		For Work In Restricted Working Space, Add	*6.04*	
22 11 16 00-0624	EA	1-1/2" Copper Cap	32.26	14.50
		For Silver Solder Instead Of 95/5 Solder, Add	*3.82*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-2.71*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*3.30*	
		For Work In Restricted Working Space, Add	*6.61*	
22 11 16 00-0625	EA	2" Copper Cap	41.66	15.04
		For Silver Solder Instead Of 95/5 Solder, Add	*4.36*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.22*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*3.41*	
		For Work In Restricted Working Space, Add	*6.82*	
22 11 16 00-0626	EA	2-1/2" Copper Cap	94.91	17.59
		For Silver Solder Instead Of 95/5 Solder, Add	*7.42*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-6.08*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*4.01*	
		For Work In Restricted Working Space, Add	*8.01*	
22 11 16 00-0627	EA	3" Copper Cap	131.87	22.57
		For Silver Solder Instead Of 95/5 Solder, Add	*10.01*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-8.30*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*5.13*	
		For Work In Restricted Working Space, Add	*10.25*	
22 11 16 00-0628	EA	4" Copper Cap	236.09	34.12
		For Silver Solder Instead Of 95/5 Solder, Add	*16.97*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-14.39*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*7.76*	
		For Work In Restricted Working Space, Add	*15.51*	
22 11 16 00-0629	EA	5" Cast Bronze Cap	1,375.75	52.56
		For Silver Solder Instead Of 95/5 Solder, Add	*76.75*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-72.77*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*11.94*	
		For Work In Restricted Working Space, Add	*23.89*	
22 11 16 00-0630	EA	6" Cast Bronze Cap	2,698.20	76.49
		For Silver Solder Instead Of 95/5 Solder, Add	*146.50*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-140.70*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*17.38*	
		For Work In Restricted Working Space, Add	*34.76*	
22 11 16 00-0631	EA	8" Cast Bronze Cap	3,431.86	101.93
		For Silver Solder Instead Of 95/5 Solder, Add	*187.04*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-179.32*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*23.17*	
		For Work In Restricted Working Space, Add	*46.34*	

22 11 16 00-0632 Copper Crosses *(22 11 16 00-0450)*

22 11 16 00-0633	EA	1/2" Copper Cross	88.80	46.62
		For Silver Solder Instead Of 95/5 Solder, Add	*11.43*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-7.94*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*10.49*	
		For Work In Restricted Working Space, Add	*20.98*	
22 11 16 00-0634	EA	3/4" Copper Cross	123.55	57.96
		For Silver Solder Instead Of 95/5 Solder, Add	*14.87*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-10.52*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*13.03*	
		For Work In Restricted Working Space, Add	*26.06*	
22 11 16 00-0635	EA	1" Copper Cross	166.12	69.19
		For Silver Solder Instead Of 95/5 Solder, Add	*18.69*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-13.50*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*15.57*	
		For Work In Restricted Working Space, Add	*31.15*	
22 11 16 00-0636	EA	1-1/4" Copper Cross	201.84	74.91
		For Silver Solder Instead Of 95/5 Solder, Add	*21.32*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-15.71*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*16.85*	
		For Work In Restricted Working Space, Add	*33.69*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0637	EA	1-1/2" Copper Cross	250.51	81.90
		For Silver Solder Instead Of 95/5 Solder, Add	*24.82*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-18.67*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*18.44*	
		For Work In Restricted Working Space, Add	*36.87*	
22 11 16 00-0638	EA	2" Copper Cross	378.80	91.86
		For Silver Solder Instead Of 95/5 Solder, Add	*32.71*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-25.83*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*20.66*	
		For Work In Restricted Working Space, Add	*41.32*	
22 11 16 00-0639	EA	2-1/2" Copper Cross	708.26	101.72
		For Silver Solder Instead Of 95/5 Solder, Add	*50.67*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-43.04*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*22.89*	
		For Work In Restricted Working Space, Add	*45.77*	
22 11 16 00-0640		**Cast Bronze Crosses** *(22 11 16 00-0450)*		
22 11 16 00-0641	EA	3/8" Cast Bronze Cross	76.00	33.91
		For Silver Solder Instead Of 95/5 Solder, Add	*8.89*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-6.34*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*7.63*	
		For Work In Restricted Working Space, Add	*15.26*	
22 11 16 00-0642	EA	1/2" Cast Bronze Cross	92.57	46.62
		For Silver Solder Instead Of 95/5 Solder, Add	*11.62*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-8.13*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*10.49*	
		For Work In Restricted Working Space, Add	*20.98*	
22 11 16 00-0643	EA	3/4" Cast Bronze Cross	130.88	57.96
		For Silver Solder Instead Of 95/5 Solder, Add	*15.23*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-10.89*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*13.03*	
		For Work In Restricted Working Space, Add	*26.06*	
22 11 16 00-0644	EA	1" Cast Bronze Cross	178.56	69.19
		For Silver Solder Instead Of 95/5 Solder, Add	*19.31*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-14.12*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*15.57*	
		For Work In Restricted Working Space, Add	*31.15*	
22 11 16 00-0645	EA	1-1/4" Cast Bronze Cross	219.74	74.91
		For Silver Solder Instead Of 95/5 Solder, Add	*22.22*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-16.60*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*16.85*	
		For Work In Restricted Working Space, Add	*33.69*	
22 11 16 00-0646	EA	1-1/2" Cast Bronze Cross	276.03	81.90
		For Silver Solder Instead Of 95/5 Solder, Add	*26.09*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-19.95*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*18.44*	
		For Work In Restricted Working Space, Add	*36.87*	
22 11 16 00-0647	EA	2" Cast Bronze Cross	485.66	91.86
		For Silver Solder Instead Of 95/5 Solder, Add	*38.06*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-31.17*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*20.66*	
		For Work In Restricted Working Space, Add	*41.32*	
22 11 16 00-0648	EA	2-1/2" Cast Bronze Cross	819.40	101.72
		For Silver Solder Instead Of 95/5 Solder, Add	*56.23*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-48.60*	
		For Brazed Fittings Instead Of 95/5 Solder, Add	*22.89*	
		For Work In Restricted Working Space, Add	*45.77*	
22 11 16 00-0649		**Flexible Corrugated Copper Supply Line** *(22 11 16 00-0450)*		
22 11 16 00-0650	EA	3/4" Threaded x 3/4" Solder x 18" Long, Flexible Corrugated Copper Supply Line	77.50	31.53
22 11 16 00-0651	EA	3/4" Threaded x 3/4" Solder x 24" Long, Flexible Corrugated Copper Supply Line	81.15	31.53
22 11 16 00-0652	EA	3/4" Threaded x 3/4" Threaded x 12" Long, Flexible Corrugated Copper Supply Line	70.94	31.53
22 11 16 00-0653	EA	3/4" Threaded x 3/4" Threaded x 15" Long, Flexible Corrugated Copper Supply Line	75.07	31.53
22 11 16 00-0654	EA	3/4" Threaded x 3/4" Threaded x 18" Long, Flexible Corrugated Copper Supply Line	78.72	31.53
22 11 16 00-0655	EA	3/4" Threaded x 3/4" Threaded x 24" Long, Flexible Corrugated Copper Supply Line	81.15	31.53
22 11 16 00-0656		**Cut And Prepare Existing In-Place Copper Pipe** *(22 11 16 00-0383)*		
22 11 16 00-0657	EA	Up To 1/2", Cut And Prepare Existing In Place Copper Pipe	11.51	
22 11 16 00-0658	EA	3/4", Cut And Prepare Existing In Place Copper Pipe	12.43	
22 11 16 00-0659	EA	1", Cut And Prepare Existing In Place Copper Pipe	13.98	
22 11 16 00-0660	EA	1-1/4", Cut And Prepare Existing In Place Copper Pipe	14.67	
22 11 16 00-0661	EA	1-1/2", Cut And Prepare Existing In Place Copper Pipe	15.53	
22 11 16 00-0662	EA	2", Cut And Prepare Existing In Place Copper Pipe	17.09	
22 11 16 00-0663	EA	2-1/2", Cut And Prepare Existing In Place Copper Pipe	18.41	
22 11 16 00-0664	EA	3", Cut And Prepare Existing In Place Copper Pipe	21.75	
22 11 16 00-0665	EA	4", Cut And Prepare Existing In Place Copper Pipe	29.34	
22 11 16 00-0666	EA	6", Cut And Prepare Existing In Place Copper Pipe	41.93	
22 11 16 00-0667	EA	8", Cut And Prepare Existing In Place Copper Pipe	55.91	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0668		**Sweat Brass Companion Flanges** *(22 11 16 00-0383)*		
		Note: Excludes bolt and gasket sets See CSI section 23 21 13 23-0713 for Class 150 steel bolt and gasket set.		
22 11 16 00-0669	EA	1" Sweat Brass Companion Flange	78.54	17.69
22 11 16 00-0670	EA	1-1/4" Sweat Brass Companion Flange	85.66	19.49
22 11 16 00-0671	EA	1-1/2" Sweat Brass Companion Flange	126.01	21.19
22 11 16 00-0672	EA	2" Sweat Brass Companion Flange	171.23	23.52
22 11 16 00-0673	EA	2-1/2" Sweat Brass Companion Flange	252.74	28.29
22 11 16 00-0674	EA	3" Sweat Brass Companion Flange	273.33	37.08
22 11 16 00-0675	EA	4" Sweat Brass Companion Flange	370.00	44.19
22 11 16 00-0676	EA	5" Sweat Brass Companion Flange	699.05	54.80
22 11 16 00-0677	EA	6" Sweat Brass Companion Flange	785.30	79.62
22 11 16 00-0678	EA	8" Copper Companion Flange	1,902.34	113.58
22 11 16 00-0679		**Brass Compression Fittings** *(22 11 16 00-0383)*		
22 11 16 00-0680		**Brass Compression Unions** *(22 11 16 00-0679)*		
22 11 16 00-0681	EA	1/4" Brass Compression Union	19.73	12.43
22 11 16 00-0682	EA	3/8" Brass Compression Union	20.03	12.43
22 11 16 00-0683	EA	1/2" Brass Compression Union	20.94	12.43
22 11 16 00-0684	EA	5/8" Brass Compression Union	21.37	12.43
22 11 16 00-0685	EA	3/4" Brass Compression Union	29.98	12.43
22 11 16 00-0686		**Brass Compression Union Elbows** *(22 11 16 00-0679)*		
22 11 16 00-0687	EA	1/4" Brass Compression Union Elbow	20.94	12.43
22 11 16 00-0688	EA	3/8" Brass Compression Union Elbow	21.43	12.43
22 11 16 00-0689	EA	1/2" Brass Compression Union Elbow	22.51	12.43
22 11 16 00-0690	EA	5/8" Brass Compression Union Elbow	24.18	12.43
22 11 16 00-0691	EA	3/4" Brass Compression Union Elbow	30.71	12.43
22 11 16 00-0692	EA	3/8" x 1/4" Brass Compression Union Elbow	21.43	12.43
22 11 16 00-0693	EA	1/2" x 3/8" Brass Compression Union Elbow	22.51	12.43
22 11 16 00-0694	EA	5/8" x 3/8" Brass Compression Union Elbow	22.81	12.43
22 11 16 00-0695	EA	5/8" x 1/2" Brass Compression Union Elbow	27.71	12.43
22 11 16 00-0696		**Brass Compression Union Tees** *(22 11 16 00-0679)*		
22 11 16 00-0697	EA	1/4" Brass Compression Union Tee	21.31	12.43
22 11 16 00-0698	EA	3/8" Brass Compression Union Tee	22.33	12.43
22 11 16 00-0699	EA	1/2" Brass Compression Union Tee	23.41	12.43
22 11 16 00-0700	EA	5/8" Brass Compression Union Tee	26.82	12.43
22 11 16 00-0701	EA	3/4" Brass Compression Union Tee	38.60	12.43
22 11 16 00-0702	EA	3/8" x 3/8" x 1/4" Brass Compression Union Tee	23.05	12.43
22 11 16 00-0703	EA	1/2" x 1/2" x 3/8" Brass Compression Union Tee	28.58	12.43
22 11 16 00-0704	EA	5/8" x 5/8" x 3/8" Brass Compression Union Tee	28.05	12.43
22 11 16 00-0705	EA	5/8" x 5/8" x 1/2" Brass Compression Union Tee	28.67	12.43
22 11 16 00-0706		**Brass Compression Male Connectors** *(22 11 16 00-0679)*		
22 11 16 00-0707	EA	1/4" Brass Compression Male Connector	19.52	12.43
22 11 16 00-0708	EA	3/8" Brass Compression Male Connector	19.91	12.43
22 11 16 00-0709	EA	1/2" Brass Compression Male Connector	20.59	12.43
22 11 16 00-0710	EA	5/8" Brass Compression Male Connector	21.61	12.43
22 11 16 00-0711	EA	3/4" Brass Compression Male Connector	26.57	12.31
22 11 16 00-0712		**Brass Compression Female Connectors** *(22 11 16 00-0679)*		
22 11 16 00-0713	EA	1/4" Brass Compression Female Connector	19.95	12.43
22 11 16 00-0714	EA	3/8" Brass Compression Female Connector	20.46	12.43
22 11 16 00-0715	EA	1/2" Brass Compression Female Connector	21.33	12.43
22 11 16 00-0716	EA	5/8" Brass Compression Female Connector	21.92	12.43
22 11 16 00-0717	EA	3/4" Brass Compression Female Connector	34.55	12.19
22 11 16 00-0718		**Dielectric Fittings** *(22 11 16 00-0383)*		
22 11 16 00-0719		**Copper x Female Iron Pipe Thread Dielectric Unions** *(22 11 16 00-0718)*		
22 11 16 00-0720	EA	1/2" Copper x Female Iron Pipe Thread Dielectric Union	49.07	27.61
22 11 16 00-0721	EA	3/4" Copper x Female Iron Pipe Thread Dielectric Union	54.81	31.53
22 11 16 00-0722	EA	1" Copper x Female Iron Pipe Thread Dielectric Union	65.21	34.65
22 11 16 00-0723	EA	1-1/4" Copper x Female Iron Pipe Thread Dielectric Union	79.01	38.14
22 11 16 00-0724	EA	1-1/2" Copper x Female Iron Pipe Thread Dielectric Union	95.53	42.38
22 11 16 00-0725	EA	2" Copper x Female Iron Pipe Thread Dielectric Union	121.32	50.85
22 11 16 00-0726		**Female Brass Thread x Iron Pipe Thread Dielectric Unions** *(22 11 16 00-0718)*		
22 11 16 00-0727	EA	1/2" Female Brass Thread x Iron Pipe Thread Dielectric Union	53.90	27.61
22 11 16 00-0728	EA	3/4" Female Brass Thread x Iron Pipe Thread Dielectric Union	62.77	31.53
22 11 16 00-0729	EA	1" Female Brass Thread x Iron Pipe Thread Dielectric Union	75.70	34.65
22 11 16 00-0730	EA	1-1/4" Female Brass Thread x Iron Pipe Thread Dielectric Union	92.92	38.14

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0731	EA	1-1/2" Female Brass Thread x Iron Pipe Thread Dielectric Union	112.74	42.38
22 11 16 00-0732	EA	2" Female Brass Thread x Iron Pipe Thread Dielectric Union	141.50	50.85
22 11 16 00-0733		**Female Iron Pipe Thread x Iron Pipe Thread Dielectric Unions** *(22 11 16 00-0718)*		
22 11 16 00-0734	EA	1/2" Female Iron Pipe Thread x Iron Pipe Thread Dielectric Union	50.84	27.61
22 11 16 00-0735	EA	3/4" Female Iron Pipe Thread x Iron Pipe Thread Dielectric Union	57.72	31.53
22 11 16 00-0736	EA	1" Female Iron Pipe Thread x Iron Pipe Thread Dielectric Union	65.98	34.65
22 11 16 00-0737	EA	1-1/4" Female Iron Pipe Thread x Iron Pipe Thread Dielectric Union	76.32	38.14
22 11 16 00-0738	EA	1-1/2" Female Iron Pipe Thread x Iron Pipe Thread Dielectric Union	92.86	42.38
22 11 16 00-0739	EA	2" Female Iron Pipe Thread x Iron Pipe Thread Dielectric Union	119.18	50.85
22 11 16 00-0740		**Copper x Female Iron Pipe Thread Dielectric Flanges** *(22 11 16 00-0718)*		
22 11 16 00-0741	EA	2-1/2" Copper x Female Iron Pipe Thread Dielectric Flange	295.38	130.74
22 11 16 00-0742	EA	3" Copper x Female Iron Pipe Thread Dielectric Flange	369.79	164.65
22 11 16 00-0743	EA	4" Copper x Female Iron Pipe Thread Dielectric Flange	521.35	224.09
22 11 16 00-0744		**Copper x Female Iron Pipe Thread x Iron Pipe Thread Dielectric Flanges** *(22 11 16 00-0718)*		
22 11 16 00-0745	EA	2-1/2" Female Iron Pipe Thread x Iron Pipe Thread Dielectric Flange	297.37	130.74
22 11 16 00-0746	EA	3" Female Iron Pipe Thread x Iron Pipe Thread Dielectric Flange	385.63	164.65
22 11 16 00-0747	EA	4" Female Iron Pipe Thread x Iron Pipe Thread Dielectric Flange	704.00	224.09
22 11 16 00-0748		**Copper Pipe With Fittings And Hangers Assemblies** *(22 11 16)* Note: Includes hangers and all coupling, elbow, tee and reducer fittings. All fittings are based on 95/5 solder. All hangers are complete assemblies installed in accordance with MSS SP 58 and 69. Excludes insulation. Not for use where detail is available.		
22 11 16 00-0749	LF	1/2" Inside Diameter, Type L, Copper Pipe/Tubing With Fittings Assembly Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.	24.14	3.22
		For Type K Tubing Instead Of Type L, Add	*1.79*	
		For Type M Tubing Instead Of Type L, Deduct	*-1.46*	
		For Silver Solder Instead Of 95/5 Solder, Add	*3.01*	
		For For Brazed Fittings, Add	*0.72*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-2.11*	
		For Work In Restricted Working Space, Add	*5.40*	
22 11 16 00-0750	LF	3/4" Inside Diameter, Type L, Copper Pipe/Tubing With Fittings Assembly Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.	27.84	4.14
		For Type K Tubing Instead Of Type L, Add	*2.11*	
		For Type M Tubing Instead Of Type L, Deduct	*-1.71*	
		For Silver Solder Instead Of 95/5 Solder, Add	*3.43*	
		For For Brazed Fittings, Add	*0.82*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-2.41*	
		For Work In Restricted Working Space, Add	*6.12*	
22 11 16 00-0751	LF	1" Inside Diameter, Type L, Copper Pipe/Tubing With Fittings Assembly Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.	30.91	4.94
		For Type K Tubing Instead Of Type L, Add	*2.52*	
		For Type M Tubing Instead Of Type L, Deduct	*-2.00*	
		For Silver Solder Instead Of 95/5 Solder, Add	*3.68*	
		For For Brazed Fittings, Add	*0.86*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-2.61*	
		For Work In Restricted Working Space, Add	*6.41*	
22 11 16 00-0752	LF	1-1/4" Inside Diameter, Type L, Copper Pipe/Tubing With Fittings Assembly Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.	35.45	5.75
		For Type K Tubing Instead Of Type L, Add	*3.20*	
		For Type M Tubing Instead Of Type L, Deduct	*-2.48*	
		For Silver Solder Instead Of 95/5 Solder, Add	*3.99*	
		For For Brazed Fittings, Add	*0.89*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-2.88*	
		For Work In Restricted Working Space, Add	*6.66*	
		For Drain-Waste-Vent (DWV) Tubing Instead Of Type L, Deduct	*-1.32*	
22 11 16 00-0753	LF	1-1/2" Inside Diameter, Type L, Copper Pipe/Tubing With Fittings Assembly Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.	39.63	6.56
		For Type K Tubing Instead Of Type L, Add	*3.73*	
		For Type M Tubing Instead Of Type L, Deduct	*-2.86*	
		For Silver Solder Instead Of 95/5 Solder, Add	*4.35*	
		For For Brazed Fittings, Add	*0.95*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.17*	
		For Work In Restricted Working Space, Add	*7.10*	
		For Drain-Waste-Vent (DWV) Tubing Instead Of Type L, Deduct	*-1.60*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0754	LF	2" Inside Diameter, Type L, Copper Pipe/Tubing With Fittings Assembly	50.49	8.17
		Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.		
		For Type K Tubing Instead Of Type L, Add	*5.14*	
		For Type M Tubing Instead Of Type L, Deduct	*-3.88*	
		For Silver Solder Instead Of 95/5 Solder, Add	*5.25*	
		For For Brazed Fittings, Add	*1.09*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-3.89*	
		For Work In Restricted Working Space, Add	*8.18*	
		For Drain-Waste-Vent (DWV) Tubing Instead Of Type L, Deduct	*-2.32*	
22 11 16 00-0755	LF	2-1/2" Inside Diameter, Type L, Copper Pipe/Tubing With Fittings Assembly	64.54	9.85
		Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.		
		For Type K Tubing Instead Of Type L, Add	*7.33*	
		For Type M Tubing Instead Of Type L, Deduct	*-5.41*	
		For Silver Solder Instead Of 95/5 Solder, Add	*6.15*	
		For For Brazed Fittings, Add	*1.17*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-4.69*	
		For Work In Restricted Working Space, Add	*8.77*	
		For Drain-Waste-Vent (DWV) Tubing Instead Of Type L, Deduct	*-3.53*	
22 11 16 00-0756	LF	3" Inside Diameter, Type L, Copper Pipe/Tubing With Fittings Assembly	80.29	11.44
		Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.		
		For Type K Tubing Instead Of Type L, Add	*9.75*	
		For Type M Tubing Instead Of Type L, Deduct	*-7.10*	
		For Silver Solder Instead Of 95/5 Solder, Add	*7.18*	
		For For Brazed Fittings, Add	*1.27*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-5.60*	
		For Work In Restricted Working Space, Add	*9.50*	
		For Drain-Waste-Vent (DWV) Tubing Instead Of Type L, Deduct	*-4.86*	
22 11 16 00-0757	LF	4" Inside Diameter, Type L, Copper Pipe/Tubing With Fittings Assembly	128.75	15.15
		Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.		
		For Type K Tubing Instead Of Type L, Add	*16.95*	
		For Type M Tubing Instead Of Type L, Deduct	*-12.17*	
		For Silver Solder Instead Of 95/5 Solder, Add	*10.53*	
		For For Brazed Fittings, Add	*1.64*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-8.48*	
		For Work In Restricted Working Space, Add	*12.28*	
		For Drain-Waste-Vent (DWV) Tubing Instead Of Type L, Deduct	*-8.78*	
22 11 16 00-0758	LF	5" Inside Diameter, Type L, Copper Pipe/Tubing With Fittings Assembly	246.52	18.86
		Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.		
		For Type K Tubing Instead Of Type L, Add	*35.93*	
		For Type M Tubing Instead Of Type L, Deduct	*-25.38*	
		For Silver Solder Instead Of 95/5 Solder, Add	*17.58*	
		For For Brazed Fittings, Add	*2.10*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-14.95*	
		For Work In Restricted Working Space, Add	*15.77*	
		For Drain-Waste-Vent (DWV) Tubing Instead Of Type L, Deduct	*-19.40*	
22 11 16 00-0759	LF	6" Inside Diameter, Type L, Copper Pipe/Tubing With Fittings Assembly	323.58	22.78
		Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.		
		For Type K Tubing Instead Of Type L, Add	*47.46*	
		For Type M Tubing Instead Of Type L, Deduct	*-33.49*	
		For Silver Solder Instead Of 95/5 Solder, Add	*22.85*	
		For For Brazed Fittings, Add	*2.67*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-19.52*	
		For Work In Restricted Working Space, Add	*20.02*	
		For Drain-Waste-Vent (DWV) Tubing Instead Of Type L, Deduct	*-25.68*	
22 11 16 00-0760	LF	8" Inside Diameter, Type L, Copper Pipe/Tubing With Fittings Assembly	775.39	27.23
		Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.		
		For Type K Tubing Instead Of Type L, Add	*124.08*	
		For Type M Tubing Instead Of Type L, Deduct	*-86.41*	
		For Silver Solder Instead Of 95/5 Solder, Add	*47.06*	
		For For Brazed Fittings, Add	*3.32*	
		For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	*-42.92*	
		For Work In Restricted Working Space, Add	*24.89*	
		For Drain-Waste-Vent (DWV) Tubing Instead Of Type L, Deduct	*-69.24*	
22 11 16 00-0761		Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe And Fittings *(22 11 16)*		
		Note: Socket weld.		
22 11 16 00-0762		Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe And Fittings *(22 11 16 00-0761)*		
22 11 16 00-0763		Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pipe *(22 11 16 00-0762)*		
22 11 16 00-0764	LF	1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe	7.08	1.69
		For Work In Restricted Working Space, Add	*1.27*	
		For Schedule 40, Deduct	*-0.57*	
22 11 16 00-0765	LF	3/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe	8.33	1.78
		For Work In Restricted Working Space, Add	*1.34*	
		For Schedule 40, Deduct	*-0.78*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0766	LF	1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe	10.49	1.91
		For Work In Restricted Working Space, Add	*1.44*	
		For Schedule 40, Deduct	*-1.14*	
22 11 16 00-0767	LF	1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe	13.11	2.09
		For Work In Restricted Working Space, Add	*1.57*	
		For Schedule 40, Deduct	*-1.57*	
22 11 16 00-0768	LF	1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe	15.31	2.31
		For Work In Restricted Working Space, Add	*1.73*	
		For Schedule 40, Deduct	*-1.91*	
22 11 16 00-0769	LF	2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe	19.65	2.59
		For Work In Restricted Working Space, Add	*1.94*	
		For Schedule 40, Deduct	*-2.64*	
22 11 16 00-0770	LF	2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe	27.53	2.93
		For Work In Restricted Working Space, Add	*2.20*	
		For Schedule 40, Deduct	*-4.04*	
22 11 16 00-0771	LF	3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe	35.64	3.48
		For Work In Restricted Working Space, Add	*2.60*	
		For Schedule 40, Deduct	*-5.39*	
22 11 16 00-0772	LF	4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe	50.23	4.27
		For Work In Restricted Working Space, Add	*3.20*	
		For Schedule 40, Deduct	*-7.91*	
22 11 16 00-0773	LF	6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe	90.09	5.42
		For Work In Restricted Working Space, Add	*4.07*	
		For Schedule 40, Deduct	*-15.30*	
22 11 16 00-0774	LF	8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe	130.67	7.12
		For Work In Restricted Working Space, Add	*5.34*	
		For Schedule 40, Deduct	*-22.57*	

22 11 16 00-0775 Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbows *(22 11 16 00-0762)*

22 11 16 00-0776	EA	1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow	24.57	8.05
		For Work In Restricted Working Space, Add	*6.04*	
22 11 16 00-0777	EA	3/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow	32.33	10.17
		For Work In Restricted Working Space, Add	*7.63*	
22 11 16 00-0778	EA	1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow	42.80	12.71
		For Work In Restricted Working Space, Add	*9.57*	
22 11 16 00-0779	EA	1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow	60.84	15.90
		For Work In Restricted Working Space, Add	*11.95*	
22 11 16 00-0780	EA	1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow	67.79	17.59
		For Work In Restricted Working Space, Add	*13.22*	
22 11 16 00-0781	EA	2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow	81.13	17.59
		For Work In Restricted Working Space, Add	*14.75*	
22 11 16 00-0782	EA	2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow	139.22	22.35
		For Work In Restricted Working Space, Add	*16.78*	
22 11 16 00-0783	EA	3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow	156.62	26.49
		For Work In Restricted Working Space, Add	*19.84*	
22 11 16 00-0784	EA	4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow	232.29	32.53
		For Work In Restricted Working Space, Add	*24.41*	
22 11 16 00-0785	EA	6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow	292.59	41.32
		For Work In Restricted Working Space, Add	*31.02*	
22 11 16 00-0786	EA	8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow	598.61	54.25
		For Work In Restricted Working Space, Add	*40.69*	

22 11 16 00-0787 Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbows *(22 11 16 00-0762)*

22 11 16 00-0788	EA	1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow	26.78	8.05
		For Work In Restricted Working Space, Add	*6.04*	
22 11 16 00-0789	EA	3/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow	34.98	10.17
		For Work In Restricted Working Space, Add	*7.63*	
22 11 16 00-0790	EA	1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow	47.11	12.71
		For Work In Restricted Working Space, Add	*9.57*	
22 11 16 00-0791	EA	1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow	66.51	15.90
		For Work In Restricted Working Space, Add	*11.95*	
22 11 16 00-0792	EA	1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow	74.69	17.59
		For Work In Restricted Working Space, Add	*13.22*	
22 11 16 00-0793	EA	2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow	83.48	19.71
		For Work In Restricted Working Space, Add	*14.75*	
22 11 16 00-0794	EA	2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow	140.70	22.35
		For Work In Restricted Working Space, Add	*16.78*	
22 11 16 00-0795	EA	3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow	156.43	26.49
		For Work In Restricted Working Space, Add	*19.84*	
22 11 16 00-0796	EA	4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow	205.25	32.53
		For Work In Restricted Working Space, Add	*24.41*	
22 11 16 00-0797	EA	6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow	343.28	41.32
		For Work In Restricted Working Space, Add	*31.02*	
22 11 16 00-0798	EA	8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow	634.53	54.25
		For Work In Restricted Working Space, Add	*40.69*	

22 11 16 00-0799 Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tees *(22 11 16 00-0762)*

22 11 16 00-0800	EA	1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee	38.26	12.08
		For Work In Restricted Working Space, Add	*9.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0801	EA	3/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee	51.02	15.25
		For Work In Restricted Working Space, Add	*11.44*	
22 11 16 00-0802	EA	1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee	63.72	19.18
		For Work In Restricted Working Space, Add	*14.37*	
22 11 16 00-0803	EA	1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee	93.15	23.95
		For Work In Restricted Working Space, Add	*17.93*	
22 11 16 00-0804	EA	1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee	104.38	26.49
		For Work In Restricted Working Space, Add	*19.84*	
22 11 16 00-0805	EA	2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee	130.80	29.46
		For Work In Restricted Working Space, Add	*22.12*	
22 11 16 00-0806	EA	2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee	177.66	33.59
		For Work In Restricted Working Space, Add	*25.18*	
22 11 16 00-0807	EA	3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee	201.17	39.62
		For Work In Restricted Working Space, Add	*29.75*	
22 11 16 00-0808	EA	4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee	242.55	48.84
		For Work In Restricted Working Space, Add	*36.62*	
22 11 16 00-0809	EA	6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee	390.55	62.09
		For Work In Restricted Working Space, Add	*46.53*	
22 11 16 00-0810	EA	8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee	877.46	81.37
		For Work In Restricted Working Space, Add	*61.03*	

22 11 16 00-0811 Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Crosses *(22 11 16 00-0762)*

22 11 16 00-0812	EA	1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross	47.22	16.11
		For Work In Restricted Working Space, Add	*12.08*	
22 11 16 00-0813	EA	3/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross	61.94	20.34
		For Work In Restricted Working Space, Add	*15.26*	
22 11 16 00-0814	EA	1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross	77.42	25.54
		For Work In Restricted Working Space, Add	*19.13*	
22 11 16 00-0815	EA	1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross	108.44	31.89
		For Work In Restricted Working Space, Add	*23.90*	
22 11 16 00-0816	EA	1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross	121.10	35.28
		For Work In Restricted Working Space, Add	*26.45*	
22 11 16 00-0817	EA	2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross	147.47	39.31
		For Work In Restricted Working Space, Add	*29.50*	
22 11 16 00-0818	EA	2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross	192.62	44.71
		For Work In Restricted Working Space, Add	*33.56*	
22 11 16 00-0819	EA	3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross	220.08	52.87
		For Work In Restricted Working Space, Add	*39.67*	
22 11 16 00-0820	EA	4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross	266.52	65.06
		For Work In Restricted Working Space, Add	*48.82*	
22 11 16 00-0821	EA	6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross	409.61	82.75
		For Work In Restricted Working Space, Add	*62.05*	
22 11 16 00-0822	EA	8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross	851.80	108.50
		For Work In Restricted Working Space, Add	*81.37*	

22 11 16 00-0823 Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld Reducing Inserts *(22 11 16 00-0762)*

22 11 16 00-0824	EA	3/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Insert	21.30	7.41
		For Work In Restricted Working Space, Add	*5.60*	
22 11 16 00-0825	EA	1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Insert	30.28	10.06
		For Work In Restricted Working Space, Add	*7.53*	
22 11 16 00-0826	EA	1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Insert	56.49	13.14
		For Work In Restricted Working Space, Add	*9.85*	
22 11 16 00-0827	EA	1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Insert	64.25	14.52
		For Work In Restricted Working Space, Add	*10.90*	
22 11 16 00-0828	EA	2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Insert	77.23	16.21
		For Work In Restricted Working Space, Add	*12.17*	
22 11 16 00-0829	EA	2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Insert	82.85	18.44
		For Work In Restricted Working Space, Add	*13.86*	
22 11 16 00-0830	EA	3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Insert	101.50	21.83
		For Work In Restricted Working Space, Add	*16.37*	
22 11 16 00-0831	EA	4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Insert	142.39	26.81
		For Work In Restricted Working Space, Add	*20.15*	
22 11 16 00-0832	EA	6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Insert	245.52	34.12
		For Work In Restricted Working Space, Add	*25.59*	
22 11 16 00-0833	EA	8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Insert	593.96	44.71
		For Work In Restricted Working Space, Add	*33.56*	

22 11 16 00-0834 Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Or Male Thread Reducing Inserts *(22 11 16 00-0762)*

22 11 16 00-0835	EA	1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Or Male Threaded Reducing Insert	30.62	5.30
		For Work In Restricted Working Space, Add	*3.98*	
22 11 16 00-0836	EA	3/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Or Male Threaded Reducing Insert	37.38	7.41
		For Work In Restricted Working Space, Add	*5.60*	
22 11 16 00-0837	EA	1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Or Male Threaded Reducing Insert	45.19	10.06
		For Work In Restricted Working Space, Add	*7.53*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0838	EA	1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Or Male Threaded Reducing Insert	55.20	13.14
		For Work In Restricted Working Space, Add	*9.85*	
22 11 16 00-0839	EA	1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Or Male Threaded Reducing Insert	66.16	14.52
		For Work In Restricted Working Space, Add	*10.90*	
22 11 16 00-0840	EA	2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Or Male Threaded Reducing Insert	86.72	16.21
		For Work In Restricted Working Space, Add	*12.17*	
22 11 16 00-0841	EA	2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Or Male Threaded Reducing Insert	144.83	18.44
		For Work In Restricted Working Space, Add	*13.86*	
22 11 16 00-0842	EA	3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Or Male Threaded Reducing Insert	312.17	21.83
		For Work In Restricted Working Space, Add	*16.37*	
22 11 16 00-0843	EA	4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Or Male Threaded Reducing Insert	473.18	26.81
		For Work In Restricted Working Space, Add	*20.15*	

22 11 16 00-0844 Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Male Thread Male Adapters *(22 11 16 00-0762)*

22 11 16 00-0845	EA	1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Male Thread Male Adapters	19.90	5.30
		For Work In Restricted Working Space, Add	*3.98*	
22 11 16 00-0846	EA	3/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Male Thread Male Adapters	27.64	7.41
		For Work In Restricted Working Space, Add	*5.60*	
22 11 16 00-0847	EA	1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Male Thread Male Adapters	40.26	10.06
		For Work In Restricted Working Space, Add	*7.53*	
22 11 16 00-0848	EA	1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Male Thread Male Adapters	55.20	13.14
		For Work In Restricted Working Space, Add	*9.85*	
22 11 16 00-0849	EA	1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Male Thread Male Adapters	66.59	14.52
		For Work In Restricted Working Space, Add	*10.90*	
22 11 16 00-0850	EA	2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Male Thread Male Adapters	81.48	16.21
		For Work In Restricted Working Space, Add	*12.17*	
22 11 16 00-0851	EA	2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Male Thread Male Adapters	123.64	18.44
		For Work In Restricted Working Space, Add	*13.86*	
22 11 16 00-0852	EA	3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Male Thread Male Adapters	148.19	21.83
		For Work In Restricted Working Space, Add	*16.37*	
22 11 16 00-0853	EA	4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Male Thread Male Adapters	225.48	26.81
		For Work In Restricted Working Space, Add	*20.15*	

22 11 16 00-0854 Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Thread Female Adapters *(22 11 16 00-0762)*

22 11 16 00-0855	EA	1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Thread Female Adapters	22.43	5.30
		For Work In Restricted Working Space, Add	*3.98*	
22 11 16 00-0856	EA	3/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Thread Female Adapters	28.45	7.41
		For Work In Restricted Working Space, Add	*5.60*	
22 11 16 00-0857	EA	1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Thread Female Adapters	40.47	10.06
		For Work In Restricted Working Space, Add	*7.53*	
22 11 16 00-0858	EA	1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Thread Female Adapters	55.94	13.14
		For Work In Restricted Working Space, Add	*9.85*	
22 11 16 00-0859	EA	1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Thread Female Adapters	63.20	14.52
		For Work In Restricted Working Space, Add	*10.90*	
22 11 16 00-0860	EA	2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Thread Female Adapters	78.71	16.21
		For Work In Restricted Working Space, Add	*12.17*	
22 11 16 00-0861	EA	2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Thread Female Adapters	125.24	18.44
		For Work In Restricted Working Space, Add	*13.86*	
22 11 16 00-0862	EA	3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Thread Female Adapters	176.16	21.83
		For Work In Restricted Working Space, Add	*16.37*	
22 11 16 00-0863	EA	4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Thread Female Adapters	273.04	26.81
		For Work In Restricted Working Space, Add	*20.15*	

22 11 16 00-0864 Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings *(22 11 16 00-0762)*

22 11 16 00-0865	EA	1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings	17.75	4.88
		For Work In Restricted Working Space, Add	*3.62*	
22 11 16 00-0866	EA	3/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings	24.96	6.78
		For Work In Restricted Working Space, Add	*5.09*	
22 11 16 00-0867	EA	1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings	33.56	9.11
		For Work In Restricted Working Space, Add	*6.83*	
22 11 16 00-0868	EA	1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings	45.96	11.97
		For Work In Restricted Working Space, Add	*8.96*	
22 11 16 00-0869	EA	1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings	53.32	13.25
		For Work In Restricted Working Space, Add	*9.92*	
22 11 16 00-0870	EA	2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings	60.40	14.73
		For Work In Restricted Working Space, Add	*11.06*	
22 11 16 00-0871	EA	2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings	98.39	16.74
		For Work In Restricted Working Space, Add	*12.59*	
22 11 16 00-0872	EA	3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings	106.57	19.82
		For Work In Restricted Working Space, Add	*14.88*	
22 11 16 00-0873	EA	4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings	135.69	24.37
		For Work In Restricted Working Space, Add	*18.31*	
22 11 16 00-0874	EA	6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings	224.85	31.05
		For Work In Restricted Working Space, Add	*23.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0875	EA	8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings	400.18	40.69
		For Work In Restricted Working Space, Add	*30.52*	

22 11 16 00-0876 Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions *(22 11 16 00-0762)*

22 11 16 00-0877	EA	1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions	38.67	5.82
		For Work In Restricted Working Space, Add	*4.36*	
22 11 16 00-0878	EA	3/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions	45.66	8.16
		For Work In Restricted Working Space, Add	*6.10*	
22 11 16 00-0879	EA	1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions	53.45	10.91
		For Work In Restricted Working Space, Add	*8.20*	
22 11 16 00-0880	EA	1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions	97.23	14.31
		For Work In Restricted Working Space, Add	*10.74*	
22 11 16 00-0881	EA	1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions	102.15	15.90
		For Work In Restricted Working Space, Add	*11.89*	
22 11 16 00-0882	EA	2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions	148.03	17.69
		For Work In Restricted Working Space, Add	*13.29*	
22 11 16 00-0883	EA	2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions	265.44	20.13
		For Work In Restricted Working Space, Add	*15.10*	
22 11 16 00-0884	EA	3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions	384.62	23.84
		For Work In Restricted Working Space, Add	*17.87*	
22 11 16 00-0885	EA	4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions	625.83	29.25
		For Work In Restricted Working Space, Add	*21.96*	
22 11 16 00-0886	EA	6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions	839.38	37.19
		For Work In Restricted Working Space, Add	*27.91*	
22 11 16 00-0887	EA	8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions	1,033.75	48.84
		For Work In Restricted Working Space, Add	*36.62*	

22 11 16 00-0888 Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Caps *(22 11 16 00-0762)*

22 11 16 00-0889	EA	1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap	16.50	4.98
		For Work In Restricted Working Space, Add	*2.27*	
22 11 16 00-0890	EA	3/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap	22.23	6.26
		For Work In Restricted Working Space, Add	*2.86*	
22 11 16 00-0891	EA	1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap	34.38	7.84
		For Work In Restricted Working Space, Add	*3.59*	
22 11 16 00-0892	EA	1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap	39.52	5.93
		For Work In Restricted Working Space, Add	*4.48*	
22 11 16 00-0893	EA	1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap	41.60	6.57
		For Work In Restricted Working Space, Add	*4.96*	
22 11 16 00-0894	EA	2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap	58.81	7.41
		For Work In Restricted Working Space, Add	*5.53*	
22 11 16 00-0895	EA	2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap	93.66	8.37
		For Work In Restricted Working Space, Add	*6.29*	
22 11 16 00-0896	EA	3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap	99.14	9.96
		For Work In Restricted Working Space, Add	*7.44*	
22 11 16 00-0897	EA	4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap	155.93	12.18
		For Work In Restricted Working Space, Add	*9.15*	
22 11 16 00-0898	EA	6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap	350.85	15.47
		For Work In Restricted Working Space, Add	*11.63*	
22 11 16 00-0899	EA	8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap	451.56	20.34
		For Work In Restricted Working Space, Add	*15.26*	

22 11 16 00-0900 Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 LB Flanges *(22 11 16 00-0762)*

22 11 16 00-0901	EA	1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 LB Flanges	31.20	3.82
		For Work In Restricted Working Space, Add	*2.89*	
22 11 16 00-0902	EA	3/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 LB Flanges	36.66	5.40
		For Work In Restricted Working Space, Add	*4.07*	
22 11 16 00-0903	EA	1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 LB Flanges	43.97	7.31
		For Work In Restricted Working Space, Add	*5.47*	
22 11 16 00-0904	EA	1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 LB Flanges	50.44	9.54
		For Work In Restricted Working Space, Add	*7.19*	
22 11 16 00-0905	EA	1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 LB Flanges	53.59	10.60
		For Work In Restricted Working Space, Add	*7.95*	
22 11 16 00-0906	EA	2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 LB Flanges	65.50	11.76
		For Work In Restricted Working Space, Add	*8.84*	
22 11 16 00-0907	EA	2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 LB Flanges	89.84	13.46
		For Work In Restricted Working Space, Add	*10.08*	
22 11 16 00-0908	EA	3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 LB Flanges	100.97	15.90
		For Work In Restricted Working Space, Add	*11.89*	
22 11 16 00-0909	EA	4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 LB Flanges	126.58	19.49
		For Work In Restricted Working Space, Add	*14.65*	
22 11 16 00-0910	EA	6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 LB Flanges	184.30	24.79
		For Work In Restricted Working Space, Add	*18.63*	
22 11 16 00-0911	EA	8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 LB Flanges	357.09	32.53
		For Work In Restricted Working Space, Add	*24.41*	

22 11 16 00-0912 Polypropylene Random (PP-R), Heat Fusion, Domestic Water Pipe *(22 11 16)*

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0913		Polypropylene Random (PP-R), Heat Fusion, Domestic Hot Water Pipe *(22 11 16 00-0912)*		
		Note: Aquatherm greenpipe®		
22 11 16 00-0914	LF	1/2" SDR 7.4, Polypropylene, Heat Fusion, Domestic Hot Water Pipe	5.42	1.79
22 11 16 00-0915	LF	3/4" SDR 7.4, Polypropylene, Heat Fusion, Domestic Hot Water Pipe	6.52	1.87
22 11 16 00-0916	LF	1" SDR 7.4, Polypropylene, Heat Fusion, Domestic Hot Water Pipe	9.06	2.25
22 11 16 00-0917	LF	1-1/4" SDR 7.4, Polypropylene, Heat Fusion, Domestic Hot Water Pipe	11.70	2.41
22 11 16 00-0918	LF	1-1/2" SDR 7.4, Polypropylene, Heat Fusion, Domestic Hot Water Pipe	16.66	2.71
22 11 16 00-0919	LF	2" SDR 7.4, Polypropylene, Heat Fusion, Domestic Hot Water Pipe	22.70	2.76
22 11 16 00-0920	LF	2-1/2" SDR 7.4, Polypropylene, Heat Fusion, Domestic Hot Water Pipe	32.50	3.75
22 11 16 00-0921	LF	3" SDR 7.4, Polypropylene, Heat Fusion, Domestic Hot Water Pipe	43.57	4.34
22 11 16 00-0922	LF	3-1/2" SDR 7.4, Polypropylene, Heat Fusion, Domestic Hot Water Pipe	59.35	4.84
22 11 16 00-0923	LF	4" SDR 7.4, Polypropylene, Heat Fusion, Domestic Hot Water Pipe	70.45	5.35
22 11 16 00-0924		Polypropylene Random (PP-R), Heat Fusion, Domestic Cold Water Pipe *(22 11 16 00-0912)*		
		Note: Aquatherm greenpipe®		
22 11 16 00-0925	LF	1/2" SDR 11, Polypropylene, Heat Fusion, Domestic Cold Water Pipe	4.84	1.79
22 11 16 00-0926	LF	3/4" SDR 11, Polypropylene, Heat Fusion, Domestic Cold Water Pipe	5.57	1.87
22 11 16 00-0927	LF	1" SDR 11, Polypropylene, Heat Fusion, Domestic Cold Water Pipe	7.35	2.25
22 11 16 00-0928	LF	1-1/4" SDR 11, Polypropylene, Heat Fusion, Domestic Cold Water Pipe	9.20	2.41
22 11 16 00-0929	LF	1-1/2" SDR 11, Polypropylene, Heat Fusion, Domestic Cold Water Pipe	12.29	2.71
22 11 16 00-0930	LF	2" SDR 11, Polypropylene, Heat Fusion, Domestic Cold Water Pipe	16.49	2.76
22 11 16 00-0931	LF	2-1/2" SDR 11, Polypropylene, Heat Fusion, Domestic Cold Water Pipe	22.94	3.75
22 11 16 00-0932	LF	3" SDR 11, Polypropylene, Heat Fusion, Domestic Cold Water Pipe	30.96	4.34
22 11 16 00-0933	LF	3-1/2" SDR 11, Polypropylene, Heat Fusion, Domestic Cold Water Pipe	43.52	4.84
22 11 16 00-0934	LF	4" SDR 11, Polypropylene, Heat Fusion, Domestic Cold Water Pipe	51.69	5.35
22 11 16 00-0935		Polypropylene Random (PP-R), Heat Fusion, UV Protected, Domestic Hot Water Pipe *(22 11 16 00-0912)*		
		Note: Aquatherm greenpipe®.		
22 11 16 00-0936	LF	1/2" SDR 7.4, Polypropylene, Heat Fusion, UV Protected, Domestic Hot Water Pipe	5.72	1.79
22 11 16 00-0937	LF	3/4" SDR 7.4, Polypropylene, Heat Fusion, UV Protected, Domestic Hot Water Pipe	6.93	1.87
22 11 16 00-0938	LF	1" SDR 7.4, Polypropylene, Heat Fusion, UV Protected, Domestic Hot Water Pipe	9.52	2.25
22 11 16 00-0939	LF	1-1/4" SDR 7.4, Polypropylene, Heat Fusion, UV Protected, Domestic Hot Water Pipe	12.29	2.41
22 11 16 00-0940	LF	1-1/2" SDR 7.4, Polypropylene, Heat Fusion, UV Protected, Domestic Hot Water Pipe	18.36	2.71
22 11 16 00-0941	LF	2" SDR 7.4, Polypropylene, Heat Fusion, UV Protected, Domestic Hot Water Pipe	23.62	2.76
22 11 16 00-0942	LF	2-1/2" SDR 7.4, Polypropylene, Heat Fusion, UV Protected, Domestic Hot Water Pipe	33.81	3.75
22 11 16 00-0943	LF	3" SDR 7.4, Polypropylene, Heat Fusion, UV Protected, Domestic Hot Water Pipe	46.86	4.34
22 11 16 00-0944	LF	3-1/2" SDR 7.4, Polypropylene, Heat Fusion, UV Protected, Domestic Hot Water Pipe	59.18	4.84
22 11 16 00-0945	LF	4" SDR 7.4, Polypropylene, Heat Fusion, UV Protected, Domestic Hot Water Pipe	69.93	5.35
22 11 16 00-0946		Polypropylene Random (PP-R), Heat Fusion, Heating And Cooling Pipe *(22 11 16 00-0912)*		
		Note: Aquatherm climatherm®.		
22 11 16 00-0947	LF	1/2" 7.4 SDR, Polypropylene Random (PP-R), Heat Fusion, Heating And Cooling Pipe	4.81	1.80
22 11 16 00-0948	LF	3/4" 7.4 SDR, Polypropylene Random (PP-R), Heat Fusion, Heating And Cooling Pipe	5.68	1.87
22 11 16 00-0949	LF	1" 11 SDR, Polypropylene Random (PP-R), Heat Fusion, Heating And Cooling Pipe	6.72	2.25
22 11 16 00-0950	LF	1-1/4" 11 SDR, Polypropylene Random (PP-R), Heat Fusion, Heating And Cooling Pipe	8.29	2.41
22 11 16 00-0951	LF	1-1/2" 11 SDR, Polypropylene Random (PP-R), Heat Fusion, Heating And Cooling Pipe	10.66	2.71
22 11 16 00-0952	LF	2" 11 SDR, Polypropylene Random (PP-R), Heat Fusion, Heating And Cooling Pipe	14.03	2.76
22 11 16 00-0953	LF	2-1/2" 11 SDR, Polypropylene Random (PP-R), Heat Fusion, Heating And Cooling Pipe	19.58	3.75
22 11 16 00-0954	LF	3" 11 SDR, Polypropylene Random (PP-R), Heat Fusion, Heating And Cooling Pipe	26.27	4.34
22 11 16 00-0955	LF	3-1/2" 11 SDR, Polypropylene Random (PP-R), Heat Fusion, Heating And Cooling Pipe	35.80	4.84
22 11 16 00-0956	LF	4" 11 SDR, Polypropylene Random (PP-R), Heat Fusion, Heating And Cooling Pipe	43.47	5.35
22 11 16 00-0957	LF	6" 11 SDR, Polypropylene Random (PP-R), Heat Fusion, Heating And Cooling Pipe	51.93	6.85
22 11 16 00-0958	LF	8" 11 SDR, Polypropylene Random (PP-R), Heat Fusion, Heating And Cooling Pipe	84.61	8.99
22 11 16 00-0959		Pipe Clamp For Polypropylene Random (PP-R) Pipe *(22 11 16 00-0912)*		
22 11 16 00-0960	EA	1/2" Pipe Clamp For Polypropylene Pipe	13.80	4.44
22 11 16 00-0961	EA	3/4" Pipe Clamp For Polypropylene Pipe	14.55	4.44
22 11 16 00-0962	EA	1" Pipe Clamp For Polypropylene Pipe	15.05	4.44
22 11 16 00-0963	EA	1-1/4" Pipe Clamp For Polypropylene Pipe	15.22	4.44
22 11 16 00-0964	EA	1-1/2" Pipe Clamp For Polypropylene Pipe	15.80	4.44
22 11 16 00-0965	EA	2" Pipe Clamp For Polypropylene Pipe	17.46	4.44
22 11 16 00-0966	EA	2-1/2" Pipe Clamp For Polypropylene Pipe	19.88	4.44
22 11 16 00-0967	EA	3" Pipe Clamp For Polypropylene Pipe	20.71	4.44
22 11 16 00-0968	EA	3-1/2" Pipe Clamp For Polypropylene Pipe	21.88	4.44
22 11 16 00-0969	EA	4" Pipe Clamp For Polypropylene Pipe	23.46	4.44
22 11 16 00-0970		Polypropylene Random (PP-R) Pipe, Pipe Fastening Strap *(22 11 16 00-0912)*		
22 11 16 00-0971	EA	Up to 1" Polypropylene Pipe, Single Pipe Fastening Strap, 1-3/8" Spike	4.42	
22 11 16 00-0972	EA	Up to 1" Polypropylene Pipe, Single Pipe Fastening Strap, 2-1/2" Spike	4.63	
22 11 16 00-0973	EA	Up to 1" Polypropylene Pipe, Double Pipe Fastening Strap, 1-3/8" Spike	4.72	
22 11 16 00-0974	EA	Up to 1" Polypropylene Pipe, Double Pipe Fastening Strap, 2-1/2" Spike	4.80	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0975		**Polypropylene Random (PP-R) Pipe Plastic Pipe Clamp** *(22 11 16 00-0912)*		
22 11 16 00-0976	EA	1/2" Polypropylene Pipe Plastic Pipe Clamp	10.12	2.31
22 11 16 00-0977	EA	3/4" Polypropylene Pipe Plastic Pipe Clamp	10.63	2.31
22 11 16 00-0978		**Polypropylene Random (PP-R), Heat Fusion, Socket Coupling** *(22 11 16 00-0912)*		
22 11 16 00-0979	EA	1/2" Polypropylene, Heat Fusion, Socket Coupling	9.29	3.58
22 11 16 00-0980	EA	3/4" Polypropylene, Heat Fusion, Socket Coupling	9.85	3.75
22 11 16 00-0981	EA	1" Polypropylene, Heat Fusion, Socket Coupling	12.10	4.50
22 11 16 00-0982	EA	1-1/4" Polypropylene, Heat Fusion, Socket Coupling	13.36	4.81
22 11 16 00-0983	EA	1-1/2" Polypropylene, Heat Fusion, Socket Coupling	18.63	5.40
22 11 16 00-0984	EA	2" Polypropylene, Heat Fusion, Socket Coupling	26.66	5.52
22 11 16 00-0985	EA	2-1/2" Polypropylene, Heat Fusion, Socket Coupling	32.48	7.49
22 11 16 00-0986	EA	3" Polypropylene, Heat Fusion, Socket Coupling	55.82	8.67
22 11 16 00-0987	EA	3-1/2" Polypropylene, Heat Fusion, Socket Coupling	81.96	9.69
22 11 16 00-0988	EA	4" Polypropylene, Heat Fusion, Socket Coupling	103.52	10.71
22 11 16 00-0989		**Polypropylene Random (PP-R), Heat Fusion, Bushing** *(22 11 16 00-0912)*		
22 11 16 00-0990	EA	1" Polypropylene, Heat Fusion, Bushing	10.33	3.58
22 11 16 00-0991	EA	1-1/4" Polypropylene, Heat Fusion, Bushing	12.33	3.75
22 11 16 00-0992	EA	1-1/2" Polypropylene, Heat Fusion, Bushing	17.00	4.50
22 11 16 00-0993	EA	2" Polypropylene, Heat Fusion, Bushing	25.66	4.81
22 11 16 00-0994	EA	2-1/2" Polypropylene, Heat Fusion, Bushing	28.74	5.40
22 11 16 00-0995	EA	3" Polypropylene, Heat Fusion, Bushing	50.95	5.52
22 11 16 00-0996	EA	3-1/2" Polypropylene, Heat Fusion, Bushing	78.81	7.49
22 11 16 00-0997	EA	4" x 2-1/2" Polypropylene, Heat Fusion, Bushing	95.23	8.67
22 11 16 00-0998	EA	4" x 3" Polypropylene, Heat Fusion, Bushing	116.25	9.69
22 11 16 00-0999	EA	4" x 3-1/2" Polypropylene, Heat Fusion, Bushing	121.16	10.71
22 11 16 00-1000		**Polypropylene Random (PP-R), Heat Fusion, Reducing Coupling** *(22 11 16 00-0912)*		
22 11 16 00-1001	EA	1-1/4" Polypropylene, Heat Fusion, Reducing Coupling	14.97	3.75
22 11 16 00-1002	EA	1-1/2" Polypropylene, Heat Fusion, Reducing Coupling	20.28	4.50
22 11 16 00-1003	EA	2" Polypropylene, Heat Fusion, Reducing Coupling	32.16	4.81
22 11 16 00-1004	EA	2-1/2" Polypropylene, Heat Fusion, Reducing Coupling	35.56	5.40
22 11 16 00-1005	EA	3" Polypropylene, Heat Fusion, Reducing Coupling	44.37	5.52
22 11 16 00-1006	EA	3-1/2" Polypropylene, Heat Fusion, Reducing Coupling	72.84	7.49
22 11 16 00-1007	EA	4" x 3" Polypropylene, Heat Fusion, Reducing Coupling	95.23	9.10
22 11 16 00-1008	EA	4" x 3-1/2" Polypropylene, Heat Fusion, Reducing Coupling	106.17	10.71
22 11 16 00-1009		**Polypropylene Random (PP-R), Heat Fusion, 90 Degree Elbow** *(22 11 16 00-0912)*		
22 11 16 00-1010	EA	1/2" Polypropylene, Heat Fusion, 90 Degree Elbow	16.61	7.18
22 11 16 00-1011	EA	3/4" Polypropylene, Heat Fusion, 90 Degree Elbow	18.00	7.54
22 11 16 00-1012	EA	1" Polypropylene, Heat Fusion, 90 Degree Elbow	22.18	8.99
22 11 16 00-1013	EA	1-1/4" Polypropylene, Heat Fusion, 90 Degree Elbow	25.84	9.69
22 11 16 00-1014	EA	1-1/2" Polypropylene, Heat Fusion, 90 Degree Elbow	35.42	10.76
22 11 16 00-1015	EA	2" Polypropylene, Heat Fusion, 90 Degree Elbow	43.30	10.97
22 11 16 00-1016	EA	2-1/2" Polypropylene, Heat Fusion, 90 Degree Elbow	77.45	15.04
22 11 16 00-1017	EA	3" Polypropylene, Heat Fusion, 90 Degree Elbow	113.43	17.34
22 11 16 00-1018	EA	3-1/2" Polypropylene, Heat Fusion, 90 Degree Elbow	150.57	19.38
22 11 16 00-1019	EA	4" Polypropylene, Heat Fusion, 90 Degree Elbow	215.07	21.40
22 11 16 00-1020		**Polypropylene Random (PP-R), Heat Fusion, 90 Degree Street Elbow** *(22 11 16 00-0912)*		
22 11 16 00-1021	EA	1/2" Polypropylene, Heat Fusion, 90 Degree Street Elbow	16.61	7.18
22 11 16 00-1022	EA	3/4" Polypropylene, Heat Fusion, 90 Degree Street Elbow	18.00	7.54
22 11 16 00-1023	EA	1" Polypropylene, Heat Fusion, 90 Degree Street Elbow	22.18	8.99
22 11 16 00-1024	EA	1-1/4" Polypropylene, Heat Fusion, 90 Degree Street Elbow	25.84	9.69
22 11 16 00-1025		**Polypropylene Random (PP-R), Heat Fusion, 45 Degree Elbow** *(22 11 16 00-0912)*		
22 11 16 00-1026	EA	1/2" Polypropylene, Heat Fusion, 45 Degree Elbow	16.61	7.18
22 11 16 00-1027	EA	3/4" Polypropylene, Heat Fusion, 45 Degree Elbow	18.00	7.54
22 11 16 00-1028	EA	1" Polypropylene, Heat Fusion, 45 Degree Elbow	22.18	8.99
22 11 16 00-1029	EA	1-1/4" Polypropylene, Heat Fusion, 45 Degree Elbow	25.84	9.69
22 11 16 00-1030	EA	1-1/2" Polypropylene, Heat Fusion, 45 Degree Elbow	35.42	10.76
22 11 16 00-1031	EA	2" Polypropylene, Heat Fusion, 45 Degree Elbow	43.04	10.97
22 11 16 00-1032	EA	2-1/2" Polypropylene, Heat Fusion, 45 Degree Elbow	76.88	15.04
22 11 16 00-1033	EA	3" Polypropylene, Heat Fusion, 45 Degree Elbow	121.09	17.34
22 11 16 00-1034	EA	3-1/2" Polypropylene, Heat Fusion, 45 Degree Elbow	161.77	19.38
22 11 16 00-1035	EA	4" Polypropylene, Heat Fusion, 45 Degree Elbow	232.25	21.40
22 11 16 00-1036		**Polypropylene Random (PP-R), Heat Fusion, 45 Degree Street Elbow** *(22 11 16 00-0912)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-1037	EA	1/2" Polypropylene, Heat Fusion, 45 Degree Street Elbow	16.58	7.18
22 11 16 00-1038	EA	3/4" Polypropylene, Heat Fusion, 45 Degree Street Elbow	18.00	7.54
22 11 16 00-1039	EA	1" Polypropylene, Heat Fusion, 45 Degree Street Elbow	22.18	8.99
22 11 16 00-1040	EA	1-1/4" Polypropylene, Heat Fusion, 45 Degree Street Elbow	25.84	9.69
22 11 16 00-1041		**Polypropylene Random (PP-R), Heat Fusion, Tee** *(22 11 16 00-0912)*		
22 11 16 00-1042	EA	1/2" Polypropylene, Heat Fusion, Tee	24.57	10.76
22 11 16 00-1043	EA	3/4" Polypropylene, Heat Fusion, Tee	26.79	11.30
22 11 16 00-1044	EA	1" Polypropylene, Heat Fusion, Tee	32.21	13.44
22 11 16 00-1045	EA	1-1/4" Polypropylene, Heat Fusion, Tee	37.15	14.50
22 11 16 00-1046	EA	1-1/2" Polypropylene, Heat Fusion, Tee	55.58	16.16
22 11 16 00-1047	EA	2" Polypropylene, Heat Fusion, Tee	66.27	16.49
22 11 16 00-1048	EA	2-1/2" Polypropylene, Heat Fusion, Tee	100.86	22.53
22 11 16 00-1049	EA	3" Polypropylene, Heat Fusion, Tee	144.13	26.02
22 11 16 00-1050	EA	3-1/2" Polypropylene, Heat Fusion, Tee	201.68	29.04
22 11 16 00-1051	EA	4" Polypropylene, Heat Fusion, Tee	254.98	32.06
22 11 16 00-1052		**Polypropylene Random (PP-R), Heat Fusion, Reducing Tee** *(22 11 16 00-0912)*		
22 11 16 00-1053	EA	1/2" Polypropylene, Heat Fusion, Reducing Tee	24.57	10.76
22 11 16 00-1054	EA	3/4" Polypropylene, Heat Fusion, Reducing Tee	26.79	11.30
22 11 16 00-1055	EA	1" Polypropylene, Heat Fusion, Reducing Tee	32.14	13.44
22 11 16 00-1056	EA	1-1/4" Polypropylene, Heat Fusion, Reducing Tee	37.15	14.50
22 11 16 00-1057	EA	1-1/2" Polypropylene, Heat Fusion, Reducing Tee	55.58	16.16
22 11 16 00-1058	EA	2" Polypropylene, Heat Fusion, Reducing Tee	64.26	16.49
22 11 16 00-1059	EA	2-1/2" Polypropylene, Heat Fusion, Reducing Tee	96.08	22.53
22 11 16 00-1060	EA	3" Polypropylene, Heat Fusion, Reducing Tee	154.30	26.02
22 11 16 00-1061	EA	3-1/2" Polypropylene, Heat Fusion, Reducing Tee	217.91	29.04
22 11 16 00-1062	EA	4" x 2-1/2" Polypropylene, Heat Fusion, Reducing Tee	249.21	32.06
22 11 16 00-1063	EA	4" x 3" Polypropylene, Heat Fusion, Reducing Tee	255.64	32.06
22 11 16 00-1064	EA	4" x 3-1/2" Polypropylene, Heat Fusion, Reducing Tee	256.36	32.06
22 11 16 00-1065		**Polypropylene Random (PP-R), Heat Fusion, End Cap** *(22 11 16 00-0912)*		
22 11 16 00-1066	EA	1/2" Polypropylene, Heat Fusion, End Cap	10.49	3.58
22 11 16 00-1067	EA	3/4" Polypropylene, Heat Fusion, End Cap	11.69	3.75
22 11 16 00-1068	EA	1" Polypropylene, Heat Fusion, End Cap	14.08	4.50
22 11 16 00-1069	EA	1-1/4" Polypropylene, Heat Fusion, End Cap	17.65	4.81
22 11 16 00-1070	EA	1-1/2" Polypropylene, Heat Fusion, End Cap	21.86	5.40
22 11 16 00-1071	EA	2" Polypropylene, Heat Fusion, End Cap	29.51	5.52
22 11 16 00-1072	EA	2-1/2" Polypropylene, Heat Fusion, End Cap	41.79	7.49
22 11 16 00-1073	EA	3" Polypropylene, Heat Fusion, End Cap	77.92	8.67
22 11 16 00-1074	EA	3-1/2" Polypropylene, Heat Fusion, End Cap	92.25	9.69
22 11 16 00-1075	EA	4" Polypropylene, Heat Fusion, End Cap	132.38	10.71
22 11 16 00-1076		**Polypropylene Random (PP-R), Heat Fusion Outlet** *(22 11 16 00-0912)*		
22 11 16 00-1077	EA	1-1/4" x 1/2" Polypropylene, Heat Fusion Outlet	13.65	
22 11 16 00-1078	EA	1-1/4" x 3/4" Polypropylene, Heat Fusion Outlet	13.97	
22 11 16 00-1079	EA	1-1/2" x 1/2" Polypropylene, Heat Fusion Outlet	14.43	
22 11 16 00-1080	EA	1-1/2" x 3/4" Polypropylene, Heat Fusion Outlet	14.75	
22 11 16 00-1081	EA	2" x 1/2" Polypropylene, Heat Fusion Outlet	15.73	
22 11 16 00-1082	EA	2" x 3/4" Polypropylene, Heat Fusion Outlet	16.05	
22 11 16 00-1083	EA	2" x 1" Polypropylene, Heat Fusion Outlet	17.66	
22 11 16 00-1084	EA	2-1/2" x 1/2" Polypropylene, Heat Fusion Outlet	17.03	
22 11 16 00-1085	EA	2-1/2" x 3/4" Polypropylene, Heat Fusion Outlet	17.35	
22 11 16 00-1086	EA	2-1/2" x 1" Polypropylene, Heat Fusion Outlet	18.96	
22 11 16 00-1087	EA	2-1/2" x 1-1/4" Polypropylene, Heat Fusion Outlet	19.71	
22 11 16 00-1088	EA	3" x 1/2" Polypropylene, Heat Fusion Outlet	18.34	
22 11 16 00-1089	EA	3" x 3/4" Polypropylene, Heat Fusion Outlet	18.66	
22 11 16 00-1090	EA	3" x 1" Polypropylene, Heat Fusion Outlet	20.27	
22 11 16 00-1091	EA	3" x 1-1/4" Polypropylene, Heat Fusion Outlet	21.02	
22 11 16 00-1092	EA	3-1/2" x 1/2" Polypropylene, Heat Fusion Outlet	18.34	
22 11 16 00-1093	EA	3-1/2" x 3/4" Polypropylene, Heat Fusion Outlet	19.96	
22 11 16 00-1094	EA	3-1/2" x 1" Polypropylene, Heat Fusion Outlet	21.57	
22 11 16 00-1095	EA	3-1/2" x 1-1/4" Polypropylene, Heat Fusion Outlet	22.32	
22 11 16 00-1096	EA	3-1/2" x 1-1/2" Polypropylene, Heat Fusion Outlet	26.72	
22 11 16 00-1097	EA	4" x 1/2" Polypropylene, Heat Fusion Outlet	20.94	
22 11 16 00-1098	EA	4" x 3/4" Polypropylene, Heat Fusion Outlet	21.26	
22 11 16 00-1099	EA	4" x 1" Polypropylene, Heat Fusion Outlet	22.87	
22 11 16 00-1100	EA	4" x 1-1/4" Polypropylene, Heat Fusion Outlet	23.62	
22 11 16 00-1101	EA	4" x 1-1/2" Polypropylene, Heat Fusion Outlet	26.72	
22 11 16 00-1102	EA	4" x 2" Polypropylene, Heat Fusion Outlet	32.44	
22 11 16 00-1103		**Polypropylene Random (PP-R), Flange Adaptor With Gaskets Included** *(22 11 16 00-0912)*		
22 11 16 00-1104	EA	1" Polypropylene, Flange Adaptor With Gaskets Included	16.30	4.50
22 11 16 00-1105	EA	1-1/4" Polypropylene, Flange Adaptor With Gaskets Included	18.26	4.81
22 11 16 00-1106	EA	1-1/2" Polypropylene, Flange Adaptor With Gaskets Included	24.30	5.40

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-1107	EA	2" Polypropylene, Flange Adaptor With Gaskets Included	26.24	5.52
22 11 16 00-1108	EA	2-1/2" Polypropylene, Flange Adaptor With Gaskets Included	36.28	7.49
22 11 16 00-1109	EA	3" Polypropylene, Flange Adaptor With Gaskets Included	60.65	8.67
22 11 16 00-1110	EA	3-1/2" Polypropylene, Flange Adaptor With Gaskets Included	83.89	9.69
22 11 16 00-1111	EA	4" Polypropylene, Flange Adaptor With Gaskets Included	185.71	10.71
22 11 16 00-1112		**Polypropylene Random (PP-R), Flange Ring With ANSI Bolt Pattern** *(22 11 16 00-0912)*		
22 11 16 00-1113	EA	1" Polypropylene, Flange Ring With ANSI Bolt Pattern	33.70	
22 11 16 00-1114	EA	1-1/4" Polypropylene, Flange Ring With ANSI Bolt Pattern	44.77	
22 11 16 00-1115	EA	1-1/2" Polypropylene, Flange Ring With ANSI Bolt Pattern	56.07	
22 11 16 00-1116	EA	2" Polypropylene, Flange Ring With ANSI Bolt Pattern	66.78	
22 11 16 00-1117	EA	2-1/2" Polypropylene, Flange Ring With ANSI Bolt Pattern	93.69	
22 11 16 00-1118	EA	3" Polypropylene, Flange Ring With ANSI Bolt Pattern	108.91	
22 11 16 00-1119	EA	3-1/2" Polypropylene, Flange Ring With ANSI Bolt Pattern	135.10	
22 11 16 00-1120	EA	4" Polypropylene, Flange Ring With ANSI Bolt Pattern	163.78	
22 11 16 00-1121		**Polypropylene Random (PP-R), Electrofusion Coupling** *(22 11 16 00-0912)*		
22 11 16 00-1122	EA	1/2" Polypropylene, Electrofusion Coupling	68.81	7.18
22 11 16 00-1123	EA	3/4" Polypropylene, Electrofusion Coupling	71.69	7.54
22 11 16 00-1124	EA	1" Polypropylene, Electrofusion Coupling	81.37	8.99
22 11 16 00-1125	EA	1-1/4" Polypropylene, Electrofusion Coupling	83.79	9.69
22 11 16 00-1126	EA	1-1/2" Polypropylene, Electrofusion Coupling	91.00	10.76
22 11 16 00-1127	EA	2" Polypropylene, Electrofusion Coupling	122.66	10.97
22 11 16 00-1128	EA	2-1/2" Polypropylene, Electrofusion Coupling	149.46	15.04
22 11 16 00-1129	EA	3" Polypropylene, Electrofusion Coupling	187.03	17.34
22 11 16 00-1130	EA	3-1/2" Polypropylene, Electrofusion Coupling	255.09	19.38
22 11 16 00-1131	EA	4" Polypropylene, Electrofusion Coupling	315.11	21.40
22 11 16 00-1132		**Polypropylene Random (PP-R), Heat Fusion, FIP Rear-Mount Back Plate Elbow** *(22 11 16 00-0912)*		
22 11 16 00-1133	EA	1/2" Polypropylene, Heat Fusion, FIP Rear-Mount Back Plate Elbow	31.80	9.85
22 11 16 00-1134	EA	3/4" Polypropylene, Heat Fusion, FIP Rear-Mount Back Plate Elbow	38.57	10.22
22 11 16 00-1135		**Polypropylene Random (PP-R), Heat Fusion, FIP Side-Mount Back Plate Elbow** *(22 11 16 00-0912)*		
22 11 16 00-1136	EA	1/2" Polypropylene, Heat Fusion, FIP Side-Mount Back Plate Elbow	34.71	9.85
22 11 16 00-1137		**Polypropylene Random (PP-R), Heat Fusion, ISO Plug For Pressure Test** *(22 11 16 00-0912)*		
22 11 16 00-1138	EA	1/2" Polypropylene, Heat Fusion, ISO Plug For Pressure Test	8.83	3.58
22 11 16 00-1139	EA	3/4" Polypropylene, Heat Fusion, ISO Plug For Pressure Test	9.62	3.75
22 11 16 00-1140		**Polypropylene Random (PP-R), Heat Fusion, Round FIP NPT Transition Piece** *(22 11 16 00-0912)*		
22 11 16 00-1141	EA	1/2" x 1/2" Polypropylene, Heat Fusion, Round FIP NPT Transition Piece	24.71	7.18
22 11 16 00-1142	EA	1/2" x 3/4" Polypropylene, Heat Fusion, Round FIP NPT Transition Piece	28.00	7.18
22 11 16 00-1143	EA	3/4" x 1/2" Polypropylene, Heat Fusion, Round FIP NPT Transition Piece	25.46	7.54
22 11 16 00-1144	EA	3/4" x 3/4" Polypropylene, Heat Fusion, Round FIP NPT Transition Piece	28.75	7.54
22 11 16 00-1145	EA	1" x 3/4" Polypropylene, Heat Fusion, Round FIP NPT Transition Piece	33.00	8.99
22 11 16 00-1146		**Polypropylene Random (PP-R), Heat Fusion, Hex FIP NPT Transition Piece** *(22 11 16 00-0912)*		
22 11 16 00-1147	EA	1/2" x 1/2" Polypropylene, Heat Fusion, Hex FIP NPT Transition Piece	30.61	7.18
22 11 16 00-1148	EA	1/2" x 3/4" Polypropylene, Heat Fusion, Hex FIP NPT Transition Piece	33.39	7.18
22 11 16 00-1149	EA	3/4" x 1/2" Polypropylene, Heat Fusion, Hex FIP NPT Transition Piece	31.36	7.54
22 11 16 00-1150	EA	3/4" x 3/4" Polypropylene, Heat Fusion, Hex FIP NPT Transition Piece	34.14	7.54
22 11 16 00-1151	EA	1" x 3/4" Polypropylene, Heat Fusion, Hex FIP NPT Transition Piece	39.93	8.99
22 11 16 00-1152	EA	1" x 1" Polypropylene, Heat Fusion, Hex FIP NPT Transition Piece	62.55	8.99
22 11 16 00-1153	EA	1-1/4" x 1" Polypropylene, Heat Fusion, Hex FIP NPT Transition Piece	66.18	9.69
22 11 16 00-1154	EA	1-1/4" x 1-1/4" Polypropylene, Heat Fusion, Hex FIP NPT Transition Piece	89.80	9.69
22 11 16 00-1155	EA	1-1/2" x 1-1/4" Polypropylene, Heat Fusion, Hex FIP NPT Transition Piece	94.28	10.76
22 11 16 00-1156	EA	1-1/2" x 1-1/2" Polypropylene, Heat Fusion, Hex FIP NPT Transition Piece	103.19	10.76
22 11 16 00-1157	EA	2" x 1-1/2" Polypropylene, Heat Fusion, Hex FIP NPT Transition Piece	111.41	10.97
22 11 16 00-1158	EA	2" x 2" Polypropylene, Heat Fusion, Hex FIP NPT Transition Piece	148.40	10.97
22 11 16 00-1159	EA	2-1/2" x 2" Polypropylene, Heat Fusion, Hex FIP NPT Transition Piece	162.11	15.04
22 11 16 00-1160		**Polypropylene Random (PP-R), Heat Fusion, Round MIP NPT Transition Piece** *(22 11 16 00-0912)*		
22 11 16 00-1161	EA	1/2" x 1/2" Polypropylene, Heat Fusion, Round MIP NPT Transition Piece	38.75	7.18
22 11 16 00-1162	EA	1/2" x 3/4" Polypropylene, Heat Fusion, Round MIP NPT Transition Piece	42.24	7.18

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-1163	EA	3/4" x 1/2" Polypropylene, Heat Fusion, Round MIP NPT Transition Piece	39.50	7.54
22 11 16 00-1164	EA	3/4" x 3/4" Polypropylene, Heat Fusion, Round MIP NPT Transition Piece	42.99	7.54
22 11 16 00-1165	EA	1" x 3/4" Polypropylene, Heat Fusion, Round MIP NPT Transition Piece	50.94	8.99
22 11 16 00-1166		**Polypropylene Random (PP-R), Heat Fusion, Hex MIP NPT Transition Piece** *(22 11 16 00-0912)*		
22 11 16 00-1167	EA	1/2" x 1/2" Polypropylene, Heat Fusion, Hex MIP NPT Transition Piece	32.24	7.18
22 11 16 00-1168	EA	1/2" x 3/4" Polypropylene, Heat Fusion, Hex MIP NPT Transition Piece	34.80	7.18
22 11 16 00-1169	EA	3/4" x 3/4" Polypropylene, Heat Fusion, Hex MIP NPT Transition Piece	35.55	7.54
22 11 16 00-1170	EA	1" x 1" Polypropylene, Heat Fusion, Hex MIP NPT Transition Piece	52.28	8.99
22 11 16 00-1171	EA	1" x 1-1/4" Polypropylene, Heat Fusion, Hex MIP NPT Transition Piece	75.72	8.99
22 11 16 00-1172	EA	1-1/4" x 1" Polypropylene, Heat Fusion, Hex MIP NPT Transition Piece	54.94	9.69
22 11 16 00-1173	EA	1-1/4" x 1-1/4" Polypropylene, Heat Fusion, Hex MIP NPT Transition Piece	80.81	9.69
22 11 16 00-1174	EA	1-1/2" x 1-1/4" Polypropylene, Heat Fusion, Hex MIP NPT Transition Piece	84.98	10.76
22 11 16 00-1175	EA	1-1/2" x 1-1/2" Polypropylene, Heat Fusion, Hex MIP NPT Transition Piece	99.71	10.76
22 11 16 00-1176	EA	2" x 1-1/2" Polypropylene, Heat Fusion, Hex MIP NPT Transition Piece	114.56	10.97
22 11 16 00-1177	EA	2" x 2" Polypropylene, Heat Fusion, Hex MIP NPT Transition Piece	130.26	10.97
22 11 16 00-1178	EA	2-1/2" x 2" Polypropylene, Heat Fusion, Hex MIP NPT Transition Piece	141.01	15.04
22 11 16 00-1179	EA	2-1/2" x 2-1/2" Polypropylene, Heat Fusion, Hex MIP NPT Transition Piece	196.14	15.04
22 11 16 00-1180	EA	3" x 3" Polypropylene, Heat Fusion, Hex MIP NPT Transition Piece	293.67	17.34
22 11 16 00-1181	EA	3-1/2" x 4" Polypropylene, Heat Fusion, Hex MIP NPT Transition Piece	569.68	19.38
22 11 16 00-1182		**Polypropylene Random (PP-R), Heat Fusion, Transition FIP NPT Elbow** *(22 11 16 00-0912)*		
22 11 16 00-1183	EA	1/2" x 3/4" Polypropylene, Heat Fusion, Transition FIP NPT Elbow	32.46	7.18
22 11 16 00-1184	EA	1/2" x 1/2" Polypropylene, Heat Fusion, Transition FIP NPT Elbow	26.45	7.18
22 11 16 00-1185	EA	3/4" x 3/4" Polypropylene, Heat Fusion, Transition FIP NPT Elbow	33.21	7.54
22 11 16 00-1186	EA	3/4" x 1/2" Polypropylene, Heat Fusion, Transition FIP NPT Elbow	27.20	7.54
22 11 16 00-1187	EA	1" x 3/4" Polypropylene, Heat Fusion, Transition FIP NPT Elbow	38.04	8.99
22 11 16 00-1188	EA	1" x 1" Polypropylene, Heat Fusion, Transition FIP NPT Elbow	61.38	8.99
22 11 16 00-1189		**Polypropylene Random (PP-R), Heat Fusion, Transition Male/Female x FIP NPT Street Elbow** *(22 11 16 00-0912)*		
22 11 16 00-1190	EA	1/2" x 1/2" Polypropylene, Heat Fusion, Transition Male/Female x FIP NPT Street Elbow	26.45	7.18
22 11 16 00-1191		**Polypropylene Random (PP-R), Heat Fusion, Transition MIP NPT Elbow** *(22 11 16 00-0912)*		
22 11 16 00-1192	EA	1/2" x 1/2" Polypropylene, Heat Fusion, Transition MIP NPT Elbow	29.45	7.18
22 11 16 00-1193	EA	1/2" x 3/4" Polypropylene, Heat Fusion, Transition MIP NPT Elbow	31.39	7.18
22 11 16 00-1194	EA	3/4" x 3/4" Polypropylene, Heat Fusion, Transition MIP NPT Elbow	32.14	7.54
22 11 16 00-1195	EA	1" x 3/4" Polypropylene, Heat Fusion, Transition MIP NPT Elbow	40.26	8.99
22 11 16 00-1196	EA	1" x 1" Polypropylene, Heat Fusion, Transition MIP NPT Elbow	57.61	8.99
22 11 16 00-1197		**Polypropylene Random (PP-R), Heat Fusion, Transition FIP NPT Tee** *(22 11 16 00-0912)*		
22 11 16 00-1198	EA	1/2" x 1/2" x 1/2" Polypropylene, Heat Fusion, Transition FIP NPT Tee	35.86	10.76
22 11 16 00-1199	EA	1/2" x 1/2" x 3/4" Polypropylene, Heat Fusion, Transition FIP NPT Tee	40.61	10.76
22 11 16 00-1200	EA	3/4" x 3/4" x 1/2" Polypropylene, Heat Fusion, Transition FIP NPT Tee	36.93	11.30
22 11 16 00-1201	EA	3/4" x 3/4" x 3/4" Polypropylene, Heat Fusion, Transition FIP NPT Tee	41.68	11.30
22 11 16 00-1202	EA	1" x 1" x 3/4" Polypropylene, Heat Fusion, Transition FIP NPT Tee	49.15	13.44
22 11 16 00-1203	EA	1" x 1" x 1" Polypropylene, Heat Fusion, Transition FIP NPT Tee	70.47	13.44
22 11 16 00-1204	EA	1-1/2" x 1-1/2" x 1" Polypropylene, Heat Fusion, Transition FIP NPT Tee	81.41	16.16
22 11 16 00-1205		**Polypropylene Random (PP-R), Heat Fusion, Transition MIP NPT Tee** *(22 11 16 00-0912)*		
22 11 16 00-1206	EA	1/2" x 1/2" x 1/2" Polypropylene, Heat Fusion, Transition MIP NPT Tee	39.06	10.76
22 11 16 00-1207		**Polypropylene Random (PP-R), Heat Fusion, Transition PP-R x Brass Compression Fitting** *(22 11 16 00-0912)*		
22 11 16 00-1208	EA	1/2" x 1/2" Polypropylene, Heat Fusion, Transition PP-R x Brass Compression Fitting	30.15	3.58
22 11 16 00-1209		**Polypropylene Random (PP-R), Heat Fusion, Fusion Outlet x FIP NPT** *(22 11 16 00-0912)*		
22 11 16 00-1210	EA	1/2" Polypropylene, Heat Fusion, Fusion Outlet x FIP NPT	25.75	
22 11 16 00-1211	EA	3/4" Polypropylene, Heat Fusion, Fusion Outlet x FIP NPT	33.64	
22 11 16 00-1212	EA	1" Polypropylene, Heat Fusion, Fusion Outlet x FIP NPT	46.82	
22 11 16 00-1213		**Polypropylene Random (PP-R), Heat Fusion, Fusion Outlet x MIP NPT** *(22 11 16 00-0912)*		
22 11 16 00-1214	EA	1/2" Polypropylene, Heat Fusion, Fusion Outlet x MIP NPT	30.40	
22 11 16 00-1215	EA	3/4" Polypropylene, Heat Fusion, Fusion Outlet x MIP NPT	42.25	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-1216		**Polypropylene Random (PP-R), Heat Fusion, PEX Adaptor** *(22 11 16 00-0912)*		
22 11 16 00-1217	EA	1/2" Polypropylene, Heat Fusion, PEX Adaptor	20.64	3.58
22 11 16 00-1218	EA	3/4" Polypropylene, Heat Fusion, PEX Adaptor	32.04	3.75
22 11 16 00-1219	EA	1" Polypropylene, Heat Fusion, PEX Adaptor	42.25	4.50
22 11 16 00-1220		**Polypropylene Random (PP-R), Heat Fusion, FIP Stop Valve Body** *(22 11 16 00-0912)*		
22 11 16 00-1221	EA	1/2" Polypropylene, Heat Fusion, FIP Stop Valve Body	26.13	7.87
22 11 16 00-1222	EA	3/4" Polypropylene, Heat Fusion, FIP Stop Valve Body	26.98	8.30
22 11 16 00-1223	EA	1" Polypropylene, Heat Fusion, FIP Stop Valve Body	39.54	9.85
22 11 16 00-1224	EA	1-1/4" Polypropylene, Heat Fusion, FIP Stop Valve Body	63.78	10.65
22 11 16 00-1225		**Polypropylene Random (PP-R), Heat Fusion, Inclined Check Valve** *(22 11 16 00-0912)*		
22 11 16 00-1226	EA	1/2" Polypropylene, Heat Fusion, Inclined Check Valve	86.11	7.87
22 11 16 00-1227	EA	3/4" Polypropylene, Heat Fusion, Inclined Check Valve	86.96	8.30
22 11 16 00-1228	EA	1" Polypropylene, Heat Fusion, Inclined Check Valve	103.96	9.85
22 11 16 00-1229	EA	1-1/4" Polypropylene, Heat Fusion, Inclined Check Valve	174.37	10.65
22 11 16 00-1230		**Polypropylene Random (PP-R), Heat Fusion, Ball Valve** *(22 11 16 00-0912)*		
22 11 16 00-1231	EA	1/2" Polypropylene, Heat Fusion, Ball Valve	79.22	7.87
22 11 16 00-1232	EA	3/4" Polypropylene, Heat Fusion, Ball Valve	88.06	8.30
22 11 16 00-1233	EA	1" Polypropylene, Heat Fusion, Ball Valve	106.95	9.85
22 11 16 00-1234	EA	1-1/4" Polypropylene, Heat Fusion, Ball Valve	153.25	10.65
22 11 16 00-1235	EA	1-1/2" Polypropylene, Heat Fusion, Ball Valve	225.34	11.83
22 11 16 00-1236	EA	2" Polypropylene, Heat Fusion, Ball Valve	346.78	12.09
22 11 16 00-1237		**Extension For Ball Valve** *(22 11 16 00-0912)*		
22 11 16 00-1238	EA	Extension For 1/2" to 3/4" Ball Valve, 1-3/8" Length	41.59	
22 11 16 00-1239	EA	Extension For 1" to 1-1/4" Ball Valve, 1-3/8" Length	41.66	
22 11 16 00-1240	EA	Extension For 1-1/2" to 2" Ball Valve, 1-3/4" Length	45.75	
22 11 16 00-1241		**Polypropylene Random (PP-R), Heat Fusion, Draining Branch** *(22 11 16 00-0912)*		
22 11 16 00-1242	EA	1/2" Polypropylene, Heat Fusion, Draining Branch	36.07	7.18
22 11 16 00-1243	EA	3/4" Polypropylene, Heat Fusion, Draining Branch	36.82	7.54
22 11 16 00-1244	EA	1" Polypropylene, Heat Fusion, Draining Branch	42.01	8.99
22 11 16 00-1245	EA	1-1/4" Polypropylene, Heat Fusion, Draining Branch	43.41	9.69
22 11 16 00-1246	EA	1-1/2" Polypropylene, Heat Fusion, Draining Branch	47.56	10.76
22 11 16 00-1247	EA	2" Polypropylene, Heat Fusion, Draining Branch	51.46	10.97
22 11 16 00-1248		**Cross-Linked Polyethylene Tubing, ASTM F877** *(22 11 16)*		
		Note: Aboveground, domestic water usage.		
22 11 16 00-1249		**Cross-Linked Polyethylene Tubing** *(22 11 16 00-1248)*		
22 11 16 00-1250	LF	3/8" Cross-Linked Polyethylene (PEX , XPE or XLPE) Tubing	5.60	
		For Work In Restricted Working Space, Add	*1.00*	
22 11 16 00-1251	LF	1/2" Cross-Linked Polyethylene (PEX , XPE or XLPE) Tubing	6.13	
		For Work In Restricted Working Space, Add	*1.08*	
22 11 16 00-1252	LF	3/4" Cross-Linked Polyethylene (PEX , XPE or XLPE) Tubing	8.51	
		For Work In Restricted Working Space, Add	*1.17*	
22 11 16 00-1253	LF	1" Cross-Linked Polyethylene (PEX , XPE or XLPE) Tubing	12.04	
		For Work In Restricted Working Space, Add	*1.23*	
22 11 16 00-1254		**Cross-Linked Polyethylene Forged Brass PEX Fittings** *(22 11 16 00-1248)*		
		Note: Aboveground, domestic water usage.		
22 11 16 00-1255		**Male Adapters** *(22 11 16 00-1254)*		
22 11 16 00-1256	EA	3/8" x 1/2", (PE x Threaded) Forged Brass Male Adapter For PEX Tubing	23.53	
		For Work In Restricted Working Space, Add	*5.18*	
22 11 16 00-1257	EA	1/2" x 1/2", (PE x Threaded) Forged Brass Male Adapter For PEX Tubing	25.41	
		For Work In Restricted Working Space, Add	*5.52*	
22 11 16 00-1258	EA	1/2" x 3/4", (PE x Threaded) Forged Brass Male Adapter For PEX Tubing	28.02	
		For Work In Restricted Working Space, Add	*5.87*	
22 11 16 00-1259	EA	3/4" x 3/4", (PE x Threaded) Forged Brass Male Adapter For PEX Tubing	29.17	
		For Work In Restricted Working Space, Add	*6.21*	
22 11 16 00-1260	EA	3/4" x 1/2", (PE x Threaded) Forged Brass Male Adapter For PEX Tubing	28.02	
		For Work In Restricted Working Space, Add	*5.87*	
22 11 16 00-1261	EA	1" x 1", (PE x Threaded) Forged Brass Male Adapter For PEX Tubing	37.92	
		For Work In Restricted Working Space, Add	*6.90*	
22 11 16 00-1262		**Female Adapters** *(22 11 16 00-1254)*		
22 11 16 00-1263	EA	1/2" x 1/2", (PE x Threaded) Forged Brass Female Adapter For PEX Tubing	26.14	
		For Work In Restricted Working Space, Add	*5.52*	
22 11 16 00-1264	EA	1/2" x 3/4", (PE x Threaded) Forged Brass Female Adapter For PEX Tubing	30.03	
		For Work In Restricted Working Space, Add	*5.87*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-1265	EA	3/4" x 3/4", (PE x Threaded) Forged Brass Female Adapter For PEX Tubing	31.18	
		For Work In Restricted Working Space, Add	*6.21*	
22 11 16 00-1266	EA	3/4" x 1/2", (PE x Threaded) Forged Brass Female Adapter For PEX Tubing	30.03	
		For Work In Restricted Working Space, Add	*5.87*	
22 11 16 00-1267	EA	1" x 1", (PE x Threaded) Forged Brass Female Adapter For PEX Tubing	38.83	
		For Work In Restricted Working Space, Add	*6.90*	

22 11 16 00-1268 Tube Adapters *(22 11 16 00-1254)*

22 11 16 00-1269	EA	3/8" x 1/2" Forged Brass Tube Adapter For PEX Tubing	20.55	
		For Work In Restricted Working Space, Add	*5.18*	
22 11 16 00-1270	EA	1/2" Forged Brass Tube Adapter For PEX Tubing	21.70	
		For Work In Restricted Working Space, Add	*5.52*	
22 11 16 00-1271	EA	3/4" Forged Brass Tube Adapter For PEX Tubing	26.79	
		For Work In Restricted Working Space, Add	*6.21*	
22 11 16 00-1272	EA	1" Forged Brass Tube Adapter For PEX Tubing	36.04	
		For Work In Restricted Working Space, Add	*6.90*	

22 11 16 00-1273 Plugs *(22 11 16 00-1254)*

22 11 16 00-1274	EA	3/8" Forged Brass Plug For PEX Tubing	10.62	
		For Work In Restricted Working Space, Add	*2.42*	
22 11 16 00-1275	EA	1/2" Forged Brass Plug For PEX Tubing	11.76	
		For Work In Restricted Working Space, Add	*2.76*	
22 11 16 00-1276	EA	3/4" Forged Brass Plug For PEX Tubing	13.64	
		For Work In Restricted Working Space, Add	*3.11*	
22 11 16 00-1277	EA	1" Forged Brass Plug For PEX Tubing	17.59	
		For Work In Restricted Working Space, Add	*3.45*	

22 11 16 00-1278 Tees *(22 11 16 00-1254)*

22 11 16 00-1279	EA	3/8" Forged Brass Tee For PEX Tubing	29.52	
		For Work In Restricted Working Space, Add	*7.25*	
22 11 16 00-1280	EA	1/2" Forged Brass Tee For PEX Tubing	32.96	
		For Work In Restricted Working Space, Add	*8.28*	
22 11 16 00-1281	EA	3/4" Forged Brass Tee For PEX Tubing	40.07	
		For Work In Restricted Working Space, Add	*9.32*	
22 11 16 00-1282	EA	1" Forged Brass Tee For PEX Tubing	53.82	
		For Work In Restricted Working Space, Add	*10.36*	
22 11 16 00-1283	EA	1/2" Forged Brass Reducing Tee For PEX Tubing	31.81	
		For Work In Restricted Working Space, Add	*7.94*	
22 11 16 00-1284	EA	3/4" Forged Brass Reducing Tee For PEX Tubing	37.78	
		For Work In Restricted Working Space, Add	*8.63*	
22 11 16 00-1285	EA	1" Forged Brass Reducing Tee For PEX Tubing	48.90	
		For Work In Restricted Working Space, Add	*9.32*	

22 11 16 00-1286 Couplings *(22 11 16 00-1254)*

22 11 16 00-1287	EA	3/8" Forged Brass Coupling For PEX Tubing	18.85	
		For Work In Restricted Working Space, Add	*4.83*	
22 11 16 00-1288	EA	1/2" Forged Brass Coupling For PEX Tubing	21.34	
		For Work In Restricted Working Space, Add	*5.52*	
22 11 16 00-1289	EA	3/4" Forged Brass Coupling For PEX Tubing	24.55	
		For Work In Restricted Working Space, Add	*6.21*	
22 11 16 00-1290	EA	1" Forged Brass Coupling For PEX Tubing	31.11	
		For Work In Restricted Working Space, Add	*6.90*	
22 11 16 00-1291	EA	3/4" x 1/2" Forged Brass Reducing Coupling For PEX Tubing	23.40	
		For Work In Restricted Working Space, Add	*5.87*	
22 11 16 00-1292	EA	1" x 3/4" Forged Brass Reducing Coupling For PEX Tubing	29.96	
		For Work In Restricted Working Space, Add	*6.56*	

22 11 16 00-1293 Fitting Reducers *(22 11 16 00-1254)*

22 11 16 00-1294	EA	3/8" x 1/2" Forged Brass Fitting Reducer For PEX Tubing	21.10	
		For Work In Restricted Working Space, Add	*5.18*	
22 11 16 00-1295	EA	1/2" Forged Brass Fitting Reducer For PEX Tubing	22.25	
		For Work In Restricted Working Space, Add	*5.52*	
22 11 16 00-1296	EA	3/4" Forged Brass Fitting Reducer For PEX Tubing	27.89	
		For Work In Restricted Working Space, Add	*6.21*	
22 11 16 00-1297	EA	1" Forged Brass Fitting Reducer For PEX Tubing	42.31	
		For Work In Restricted Working Space, Add	*6.90*	

22 11 16 00-1298 90 Degree Elbows *(22 11 16 00-1254)*

22 11 16 00-1299	EA	3/8" Forged Brass 90 Degree Elbow For PEX Tubing	20.50	
		For Work In Restricted Working Space, Add	*4.83*	
22 11 16 00-1300	EA	1/2" Forged Brass 90 Degree Elbow For PEX Tubing	22.80	
		For Work In Restricted Working Space, Add	*5.52*	
22 11 16 00-1301	EA	3/4" Forged Brass 90 Degree Elbow For PEX Tubing	27.89	
		For Work In Restricted Working Space, Add	*6.21*	
22 11 16 00-1302	EA	3/4" x 1/2" Forged Brass 90 Degree Elbow For PEX Tubing	26.74	
		For Work In Restricted Working Space, Add	*5.87*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-1303	EA	1/2" Drop 90 Degree Elbow For PEX Tubing	34.23	
		For Work In Restricted Working Space, Add	*5.52*	
22 11 16 00-1304	EA	3/4" Forged Brass Drop 90 Degree Elbow For PEX Tubing	38.18	
		For Work In Restricted Working Space, Add	*6.21*	
22 11 16 00-1305	EA	3/4" x 1/2" Forged Brass Drop 90 Degree Elbow For PEX Tubing	37.03	
		For Work In Restricted Working Space, Add	*5.87*	

22 11 19 Domestic Water Piping Specialties *(22 11)*

22 11 19 00-0001 Rubber Hose And Clamps *(22 11 19)*

22 11 19 00-0002 General Purpose Hose *(22 11 19 00-0001)*

Note: For medium pressure (up to 200/250 psi) applications requiring excellent resistance to air, oil and heat.

22 11 19 00-0003	LF	3/8" Inside Diameter Ethylene Propylene Diene Monomer (EPDM) Rubber Hose And Clamp	8.83	2.29
22 11 19 00-0004	LF	1/2" Inside Diameter Ethylene Propylene Diene Monomer (EPDM) Rubber Hose And Clamp	10.59	2.29
22 11 19 00-0005	LF	5/8" Inside Diameter Ethylene Propylene Diene Monomer (EPDM) Rubber Hose And Clamp	13.28	2.29
22 11 19 00-0006	LF	3/4" Inside Diameter Ethylene Propylene Diene Monomer (EPDM) Rubber Hose And Clamp	13.42	2.29
22 11 19 00-0007	LF	1" Inside Diameter Ethylene Propylene Diene Monomer (EPDM) Rubber Hose And Clamp	18.87	3.44
22 11 19 00-0008	LF	1-1/4" Inside Diameter Ethylene Propylene Diene Monomer (EPDM) Rubber Hose And Clamp	32.44	3.44
22 11 19 00-0009	LF	1-1/2" Inside Diameter Ethylene Propylene Diene Monomer (EPDM) Rubber Hose And Clamp	35.22	4.58
22 11 19 00-0010	LF	2" Inside Diameter Ethylene Propylene Diene Monomer (EPDM) Rubber Hose And Clamp	69.67	4.58

22 11 19 00-0011 Reinfored EPDM Water Hose Assembly *(22 11 19 00-0001)*

Note: Includes male/female camlock, 150 psi, synthetic fiber with steel wire helix reinforcement.

22 11 19 00-0012	LF	1-1/2" Inside Diameter, Ethylene Propylene Diene Monomer (EPDM) Rubber Hose, Male/Female Camlocks, Synthetic Fiber With Steel Wire Helix Reinforcement	93.67	4.58
22 11 19 00-0013	LF	2" Inside Diameter, Ethylene Propylene Diene Monomer (EPDM) Rubber Hose, Male/Female Camlocks, Synthetic Fiber With Steel Wire Helix Reinforcement	110.75	4.58
22 11 19 00-0014	LF	3" Inside Diameter, Ethylene Propylene Diene Monomer (EPDM) Rubber Hose, Male/Female Camlocks, Synthetic Fiber With Steel Wire Helix Reinforcement	155.82	5.63
22 11 19 00-0015	LF	4" Inside Diameter, Ethylene Propylene Diene Monomer (EPDM) Rubber Hose, Male/Female Camlocks, Synthetic Fiber With Steel Wire Helix Reinforcement	219.57	7.61

22 11 19 00-0016 Chemical Resistant Rubber Hoses *(22 11 19 00-0001)*

22 11 19 00-0017	EA	50' x 6" Brown Gum Rubber, Chemical Resistant Flexible Hose	1,254.42	263.17
22 11 19 00-0018	EA	50' x 6" Nitrile Rubber, Low pH Resistance, Flexible Hose	1,731.45	263.17

22 11 19 00-0019 Water Pump Hose *(22 11 19 00-0001)*

22 11 19 00-0020	EA	2" Inside Diameter, 20' Rubber Discharge Hose	762.52	69.93
22 11 19 00-0021	EA	2" Inside Diameter, 20' Rubber Intake Hose	810.69	69.93

22 11 19 00-0022 Barbed Hose x Threaded Male Pipe, Steel Coupling *(22 11 19 00-0001)*

22 11 19 00-0023	EA	3/8" Inside Diameter Barbed Hose x 1/2" Threaded Male Pipe, Steel Coupling	28.72	9.61
22 11 19 00-0024	EA	1/2" Inside Diameter Barbed Hose x 1/2" Threaded Male Pipe, Steel Coupling	30.46	10.30
22 11 19 00-0025	EA	5/8" Inside Diameter Barbed Hose x 3/4" Threaded Male Pipe, Steel Coupling	32.62	10.99
22 11 19 00-0026	EA	3/4" Inside Diameter Barbed Hose x 3/4" Threaded Male Pipe, Steel Coupling	37.16	12.36
22 11 19 00-0027	EA	1" Inside Diameter Barbed Hose x 1" Threaded Male Pipe, Steel Coupling	44.35	15.11
22 11 19 00-0028	EA	1-1/4" Inside Diameter Barbed Hose x 1-1/4" Threaded Male Pipe, Steel Coupling	52.53	18.08
22 11 19 00-0029	EA	1-1/2" Inside Diameter Barbed Hose x 1-1/2" Threaded Male Pipe, Steel Coupling	67.65	23.80
22 11 19 00-0030	EA	2" Inside Diameter Barbed Hose x 2" Threaded Male Pipe, Steel Coupling	85.19	29.75

22 11 19 00-0031 Worm-Drive Hose Clamp *(22 11 19 00-0001)*

22 11 19 00-0032	EA	3/8" To 1" Diameter Worm Drive Hose Clamp	13.09	3.44
22 11 19 00-0033	EA	1/2" To 1-1/6" Diameter Worm Drive Hose Clamp	13.81	3.44
22 11 19 00-0034	EA	5/8" To 1-1/2" Diameter Worm Drive Hose Clamp	14.55	3.44
22 11 19 00-0035	EA	3/4" To 2" Diameter Worm Drive Hose Clamp	15.46	3.44
22 11 19 00-0036	EA	1" To 2-1/2" Diameter Worm Drive Hose Clamp	16.48	3.44
22 11 19 00-0037	EA	1-1/4" To 2-3/4" Diameter Worm Drive Hose Clamp	17.96	4.58
22 11 19 00-0038	EA	1-1/2" To 3" Diameter Worm Drive Hose Clamp	19.31	4.58

22 11 19 00-0039 Trap Primer And Accessories *(22 11 19)*

22 11 19 00-0040 Trap Primer *(22 11 19 00-0039)*

22 11 19 00-0041	EA	1/2" Inlet/Outlet, Flow Through Automatic Trap Primer (JR Smith 2699)	324.92	17.26
22 11 19 00-0042	EA	1/2" Inlet/Outlet, Automatic Trap Primer, Up To Two Floor Drains (PPP PR-500)	198.88	11.51
22 11 19 00-0043	EA	1/2" Inlet/Outlet, Automatic Trap Primer, Up To Four Floor Drains (PPP PO-500)	192.45	11.51

22 11 19 00-0044 Trap Primer Distribution Unit *(22 11 19 00-0039)*

22 11 19 00-0045	EA	Molded Plastic Four Opening Trap Primer Distribution Unit (PPP DU-U) Note: Can be used for two, three or four drains.	161.02	23.01
22 11 19 00-0046	EA	Copper Four Opening Trap Primer Distribution Unit (PPP DU-4) Note: Can be used for two, three or four drains.	178.33	23.01

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0047		**Trap Primer Manifold** *(22 11 19 00-0039)*		
22 11 19 00-0048	EA	Two Outlet Trap Primer Manifold	260.04	30.95
22 11 19 00-0049	EA	Four Outlet Trap Primer Manifold	396.15	35.21
22 11 19 00-0050	EA	Six Outlet Trap Primer Manifold	529.57	37.28
22 11 19 00-0051	EA	Eight Outlet Trap Primer Manifold	666.96	43.72
22 11 19 00-0052		**Brass, Anti Siphon Vacuum Breakers** *(22 11 19)*		
		Note: Watts 288A		
22 11 19 00-0053	EA	1/2" Brass, Anti Siphon Vacuum Breaker	112.32	28.77
22 11 19 00-0054	EA	3/4" Brass, Anti Siphon Vacuum Breaker	129.33	32.21
22 11 19 00-0055	EA	1" Brass, Anti Siphon Vacuum Breaker	272.69	36.81
22 11 19 00-0056	EA	1-1/4" Brass, Anti Siphon Vacuum Breaker	437.94	42.57
22 11 19 00-0057	EA	1-1/2" Brass, Anti Siphon Vacuum Breaker	523.39	47.17
22 11 19 00-0058	EA	2" Brass, Anti Siphon Vacuum Breaker	769.31	57.53
22 11 19 00-0059	EA	2-1/2" Brass, Anti Siphon Vacuum Breaker	2,037.97	71.92
22 11 19 00-0060		**Anti Siphon Pressure Vacuum Breakers** *(22 11 19)*		
		Note: Watts 800M4QT		
22 11 19 00-0061	EA	1/2" Anti Siphon Pressure Type Vacuum Breaker	344.40	28.77
22 11 19 00-0062	EA	3/4" Anti Siphon Pressure Type Vacuum Breaker	299.30	32.21
22 11 19 00-0063	EA	1" Anti Siphon Pressure Type Vacuum Breaker	430.54	36.81
22 11 19 00-0064	EA	1-1/4" Anti Siphon Pressure Type Vacuum Breaker	785.23	42.57
22 11 19 00-0065	EA	1-1/2" Anti Siphon Pressure Type Vacuum Breaker	956.78	47.17
22 11 19 00-0066	EA	2" Anti Siphon Pressure Type Vacuum Breaker	963.45	57.53
22 11 19 00-0067		**Bellows Type Water Hammer Arrestors** *(22 11 19)*		
22 11 19 00-0068	EA	Up To 11 Fixture Unit Capacity, 3/4" Nipple, Stainless Steel, Hydrotrol Water Hammer Arrestor (Jay R. Smith® 5005)	166.58	13.76
22 11 19 00-0069	EA	>11 To 32 Fixture Unit Capacity, 1" Nipple, Stainless Steel, Hydrotrol Water Hammer Arrestor (Jay R. Smith® 5010)	316.77	16.64
22 11 19 00-0070	EA	>32 To 60 Fixture Unit Capacity, 1" Nipple, Stainless Steel, Hydrotrol Water Hammer Arrestor (Jay R. Smith® 5020)	456.60	16.64
22 11 19 00-0071	EA	>60 To 113 Fixture Unit Capacity, 1" Nipple, Stainless Steel, Hydrotrol Water Hammer Arrestor (Jay R. Smith® 5030)	1,094.93	16.64
22 11 19 00-0072	EA	>113 To 154 Fixture Unit Capacity, 1" Nipple, Stainless Steel, Hydrotrol Water Hammer Arrestor (Jay R. Smith® 5040)	1,228.11	16.64
22 11 19 00-0073	EA	>154 To 330 Fixture Unit Capacity, 1" Nipple, Stainless Steel, Hydrotrol Water Hammer Arrestor (Jay R. Smith® 5050)	1,501.92	16.64
22 11 19 00-0074		**Piston Type Water Hammer Arrestors** *(22 11 19)*		
22 11 19 00-0075		**Threaded Piston Type Water Hammer Arrestors** *(22 11 19 00-0074)*		
22 11 19 00-0076	EA	Up To 11 Fixture Unit Capacity, 1/2" M.P.T Brass Connection, Copper Body, Piston Type Water Hammer Arrestor (MI Fab MWH-A)	192.78	7.67
22 11 19 00-0077	EA	>11 To 32 Fixture Unit Capacity, 3/4" M.P.T Brass Connection, Copper Body, Piston Type Water Hammer Arrestor (MI Fab MWH-B)	372.57	8.85
22 11 19 00-0078	EA	>32 To 60 Fixture Unit Capacity, 1" M.P.T Brass Connection, Copper Body, Piston Type Water Hammer Arrestor (MI Fab MWH-C)	555.08	9.59
22 11 19 00-0079	EA	>60 To 113 Fixture Unit Capacity, 1-1/4" M.P.T Brass Connection, Copper Body, Piston Type Water Hammer Arrestor (MI Fab MWH-D)	1,369.92	12.37
22 11 19 00-0080	EA	>113 To 154 Fixture Unit Capacity, 1-1/2" M.P.T Brass Connection, Copper Body, Piston Type Water Hammer Arrestor (MI Fab MWH-E)	1,668.39	15.35
22 11 19 00-0081	EA	>154 To 330 Fixture Unit Capacity, 2" M.P.T Brass Connection, Copper Body, Piston Type Water Hammer Arrestor (MI Fab MWH-F)	1,898.82	16.64
22 11 19 00-0082		**Escutcheons** *(22 11 19)*		
22 11 19 00-0083		**Brass Escutcheons** *(22 11 19 00-0082)*		
22 11 19 00-0084		**Shallow Brass Escutcheons** *(22 11 19 00-0083)*		
22 11 19 00-0085	EA	3/8" IPS, Antique Or Polished Brass Shallow Escutcheon	13.27	2.88
22 11 19 00-0086	EA	1/2" IPS, Antique Or Polished Brass Shallow Escutcheon	14.32	2.88
22 11 19 00-0087		**Deep Bell Brass Escutcheons** *(22 11 19 00-0083)*		
22 11 19 00-0088	EA	3/8" IPS, Antique Or Polished Deep Bell Brass Escutcheon	15.69	3.22
22 11 19 00-0089	EA	1/2" IPS, Antique Or Polished Deep Bell Brass Escutcheon	15.73	3.22
22 11 19 00-0090		**Chrome Plated Brass Escutcheons With Setscrew** *(22 11 19 00-0083)*		
22 11 19 00-0091	EA	3/8" IPS, Chrome Plated Brass Escutcheon With Setscrew	22.89	2.88
22 11 19 00-0092	EA	1/2" IPS, Chrome Plated Brass Escutcheon With Setscrew	23.13	2.88
22 11 19 00-0093	EA	5/8" IPS, Chrome Plated Brass Escutcheon With Setscrew	23.50	2.88
22 11 19 00-0094	EA	3/4" IPS, Chrome Plated Brass Escutcheon With Setscrew	24.81	2.88
22 11 19 00-0095	EA	7/8" IPS, Chrome Plated Brass Escutcheon With Setscrew	25.19	3.45
22 11 19 00-0096	EA	1" IPS, Chrome Plated Brass Escutcheon With Setscrew	26.48	3.45

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0097	EA	1-1/4" IPS, Chrome Plated Brass Escutcheon With Setscrew	27.41	3.80
22 11 19 00-0098	EA	1-1/2" IPS, Chrome Plated Brass Escutcheon With Setscrew	28.65	4.03
22 11 19 00-0099	EA	2" IPS, Chrome Plated Brass Escutcheon With Setscrew	41.28	4.60
22 11 19 00-0100		**Plastic Escutcheons** *(22 11 19 00-0082)*		
22 11 19 00-0101		**Split-Ring White Plastic Escutcheons** *(22 11 19 00-0100)*		
22 11 19 00-0102	EA	3/8" IPS, Split-Ring White Plastic Escutcheon	7.21	2.86
22 11 19 00-0103	EA	1/2" IPS, Split-Ring White Plastic Escutcheon	7.21	2.86
22 11 19 00-0104	EA	3/4" IPS, Split-Ring White Plastic Escutcheon	8.47	3.20
22 11 19 00-0105	EA	1" IPS, Split-Ring White Plastic Escutcheon	9.17	3.44
22 11 19 00-0106	EA	1-1/4" IPS, Split-Ring White Plastic Escutcheon	9.88	3.78
22 11 19 00-0107	EA	1-1/2" IPS, Split-Ring White Plastic Escutcheon	10.54	4.01
22 11 19 00-0108	EA	2" IPS, Split-Ring White Plastic Escutcheon	11.86	4.58
22 11 19 00-0109	EA	2-1/2" IPS, Split-Ring White Plastic Escutcheon	15.52	4.92
22 11 19 00-0110	EA	3" IPS, Split-Ring White Plastic Escutcheon	19.20	5.15
22 11 19 00-0111	EA	4" IPS, Split-Ring White Plastic Escutcheon	23.44	5.73
22 11 19 00-0112		**Chrome Plate Plastic Escutcheons** *(22 11 19 00-0100)*		
22 11 19 00-0113	EA	1/2" IPS, Chrome Plate Plastic Escutcheon	9.75	2.86
22 11 19 00-0114	EA	3/4" IPS, Chrome Plate Plastic Escutcheon	10.65	3.20
22 11 19 00-0115	EA	1" IPS, Chrome Plate Plastic Escutcheon	11.98	3.44
22 11 19 00-0116	EA	1-1/4" IPS, Chrome Plate Plastic Escutcheon	13.31	3.78
22 11 19 00-0117	EA	1-1/2" IPS, Chrome Plate Plastic Escutcheon	14.00	4.01
22 11 19 00-0118	EA	2" IPS, Chrome Plate Plastic Escutcheon	17.75	4.58
22 11 19 00-0119	EA	2-1/2" IPS, Chrome Plate Plastic Escutcheon	26.14	4.92
22 11 19 00-0120	EA	3" IPS, Chrome Plate Plastic Escutcheon	27.04	5.15
22 11 19 00-0121	EA	4" IPS, Chrome Plate Plastic Escutcheon	28.83	5.73
22 11 19 00-0122		**Stainless Steel Escutcheons** *(22 11 19 00-0082)*		
22 11 19 00-0123		**Shallow Stainless Steel Escutcheons** *(22 11 19 00-0122)*		
22 11 19 00-0124	EA	3/8" IPS, Shallow Stainless Steel Escutcheon	18.48	2.88
22 11 19 00-0125	EA	1/2" IPS, Shallow Stainless Steel Escutcheon	18.48	2.88
22 11 19 00-0126	EA	3/4" IPS, Shallow Stainless Steel Escutcheon	26.46	3.22
22 11 19 00-0127		**Chrome Plated Steel Escutcheons** *(22 11 19 00-0082)*		
22 11 19 00-0128		**Split-Ring Chrome Plated Steel Escutcheons** *(22 11 19 00-0127)*		
22 11 19 00-0129	EA	1/2" IPS, Split-Ring Chrome Plated Steel Escutcheon	6.48	2.86
22 11 19 00-0130	EA	3/4" IPS, Split-Ring Chrome Plated Steel Escutcheon	7.05	3.20
22 11 19 00-0131	EA	1" IPS, Split-Ring Chrome Plated Steel Escutcheon	7.77	3.44
22 11 19 00-0132	EA	1-1/4" IPS, Split-Ring Chrome Plated Steel Escutcheon	8.34	3.78
22 11 19 00-0133	EA	1-1/2" IPS, Split-Ring Chrome Plated Steel Escutcheon	8.92	4.01
22 11 19 00-0134	EA	2" IPS, Split-Ring Chrome Plated Steel Escutcheon	10.27	4.58
22 11 19 00-0135	EA	2-1/2" IPS, Split-Ring Chrome Plated Steel Escutcheon	15.87	4.92
22 11 19 00-0136	EA	3" IPS, Split-Ring Chrome Plated Steel Escutcheon	16.87	5.15
22 11 19 00-0137	EA	3-1/2" IPS, Split-Ring Chrome Plated Steel Escutcheon	20.95	5.49
22 11 19 00-0138	EA	4" IPS, Split-Ring Chrome Plated Steel Escutcheon	18.37	5.73
22 11 19 00-0139	EA	5" IPS, Split-Ring Chrome Plated Steel Escutcheon	23.91	6.30
22 11 19 00-0140	EA	6" IPS, Split-Ring Chrome Plated Steel Escutcheon	27.98	6.87
22 11 19 00-0141		**Wall Hydrants** *(22 11 19)* Note: Female inlet connection, 3/4" hose thread outlet.		
22 11 19 00-0142		**Cast Bronze, Non-Freeze, Stainless Steel Box, Integral Vacuum Breaker Wall Hydrants** *(22 11 19 00-0141)* Note: 3/4" HPT outlet. 3/4" NPT female and 1" NPT male inlet connection. Includes wall clamp.		
22 11 19 00-0143	EA	6" Thick Wall, Cast Bronze, Non-Freeze, Stainless Steel Box, Integral Vacuum Breaker Wall Hydrant	1,170.61	28.77
		For Cast Bronze Box, Add	*62.29*	
		For 1" NPT Outlet, Add	*146.82*	
22 11 19 00-0144	EA	12" Thick Wall, Cast Bronze, Non-Freeze, Stainless Steel Box, Integral Vacuum Breaker Wall Hydrant	1,226.50	34.52
		For Cast Bronze Box, Add	*62.29*	
		For 1" NPT Outlet, Add	*146.82*	
22 11 19 00-0145	EA	18" Thick Wall, Cast Bronze, Non-Freeze, Stainless Steel Box, Integral Vacuum Breaker Wall Hydrant	1,250.06	41.54
		For Cast Bronze Box, Add	*62.29*	
		For 1" NPT Outlet, Add	*146.82*	
22 11 19 00-0146		**Cast Bronze, Stainless Steel Box, Integral Vacuum Breaker Wall Hydrants** *(22 11 19 00-0141)* Note: 3/4" HPT outlet. 3/4" NPT female and 1" NPT male inlet connection. Includes wall clamp.		
22 11 19 00-0147	EA	Cast Bronze, Stainless Steel Box, Integral Vacuum Breaker Wall Hydrant	1,128.49	48.32
		For Cast Bronze Box, Add	*62.29*	
		For 1" NPT Outlet, Add	*146.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0148		**Cast Bronze Non-Freezing Wall Hydrant** *(22 11 19 00-0141)*		
		Note: 3/4" HPT outlet. 3/4" NPT female and 1" NPT male inlet connection. Includes wall clamp.		
22 11 19 00-0149	EA	3" Thick Wall, Cast Bronze, Non-Freeze, Nikaloy Face, Integral Vacuum Breaker Wall Hydrant	588.07	35.67
		For 1" NPT Outlet, Add	*146.82*	
22 11 19 00-0150	EA	4" Thick Wall, Cast Bronze, Non-Freeze, Nikaloy Face, Integral Vacuum Breaker Wall Hydrant	745.79	35.67
		For 1" NPT Outlet, Add	*146.82*	
22 11 19 00-0151	EA	6" Thick Wall, Cast Bronze, Non-Freeze, Nikaloy Face, Integral Vacuum Breaker Wall Hydrant	745.79	35.67
		For 1" NPT Outlet, Add	*146.82*	
22 11 19 00-0152	EA	8" Thick Wall, Cast Bronze, Non-Freeze, Nikaloy Face, Integral Vacuum Breaker Wall Hydrant	745.79	35.67
		For 1" NPT Outlet, Add	*146.82*	
22 11 19 00-0153	EA	10" Thick Wall, Cast Bronze, Non-Freeze, Nikaloy Face, Integral Vacuum Breaker Wall Hydrant	782.50	71.92
		For 1" NPT Outlet, Add	*146.82*	
22 11 19 00-0154	EA	12" Thick Wall, Cast Bronze, Non-Freeze, Nikaloy Face, Integral Vacuum Breaker Wall Hydrant	782.50	71.92
		For 1" NPT Outlet, Add	*146.82*	
22 11 19 00-0155	EA	18" Thick Wall, Cast Bronze, Non-Freeze, Nikaloy Face, Integral Vacuum Breaker Wall Hydrant	892.30	71.92
		For 1" NPT Outlet, Add	*146.82*	
22 11 19 00-0156		**Washer Boxes And Dryer Outlets** *(22 11 19)*		
22 11 19 00-0157		**Dryer Vent Kit** *(22 11 19 00-0156)*		
		Note: Includes 4" flexible tubing plastic hood clamps and tailpipe.		
22 11 19 00-0158	EA	Dryer Vent Kit With Hood, 4" x 5' Flexible Vent And Clamps	80.97	14.95
22 11 19 00-0159		**Washer Boxes And Dryer Vents** *(22 11 19 00-0156)*		
		Note: Includes 1/2" supply valves and mounting brackets.		
22 11 19 00-0160	EA	2" Washing Machine Outlet Box, Plastic, Two 1/2" Supply Valves	284.10	23.01
22 11 19 00-0161		**Ice Maker Outlet Box** *(22 11 19)*		
		Note: Includes one 1/2" quarter turn ball valve and connections wall mount.		
22 11 19 00-0162	EA	Plastic Ice Maker Outlet Box, 1/2" Quarter Turn Ball Valve, Wall Mount	152.21	23.01
22 11 19 00-0163	EA	Plastic Ice Maker Outlet Box, 1/2" Quarter Turn Ball Valve With Water Hammer Arrestor, Wall Mount	155.16	23.01
22 11 19 00-0164	EA	Steel Ice Maker Outlet Box, 1/2" Quarter Turn Ball Valve, Wall Mount	232.06	23.01
22 11 19 00-0165		**Tempering Controllers For Potable Hot Water** *(22 11 19)*		
22 11 19 00-0166		**Point-Of-Use Thermostatic Mixing Valves (Bradley)** *(22 11 19 00-0165)*		
		Note: Point-of-Use Water Tempering Valves: ASSE 1016, or 1070, with piston-control mechanism, positive shutoff of hot water when cold water supply is lost, bronze body and cap with replaceable corrosion-resistant components, including stainless steel piston and liner.		
22 11 19 00-0167	EA	1/2" Inlets, 1/2" Outlet Sink/Faucet Point-Of-Use Thermostatic Mixing Valve (Bradley S59-2007)	573.34	27.89
22 11 19 00-0168	EA	1/2" Inlets, 1/2" Outlet Point-Of-Use Thermostatic Mixing Valve (Bradley S59-4004)	140.19	27.89
22 11 19 00-0169	EA	1/2" Inlets, 1/2" Outlet Point-Of-Use Thermostatic Mixing Valve (Bradley S59-4008)	321.72	27.89
22 11 19 00-0170	EA	3/4" Inlets, 3/4" Outlet Point-Of-Use Thermostatic Mixing Valve (Bradley S59-4016)	367.15	37.57
22 11 19 00-0171		**Thermostatic Mixing Valves (Bradley)** *(22 11 19 00-0165)*		
		Note: Standard Thermostatic, Water Mixing Valves: ASSE 1017, liquid-filled motor and piston control mechanism with positive shutoff of hot water when coldwater supply is lost. Water flow is shut off in event of thermostat failure. Bronze valve body and cap with replaceable corrosion-resistant components, including stainless steel piston and liner. Equipped with integral check stops and removable strainers.		
22 11 19 00-0172	EA	3/4" Inlets, 3/4" Outlet, 25 GPM Thermostatic Mixing Valve (Bradley S59-2025)	1,571.00	40.22
22 11 19 00-0173	EA	3/4" Inlets, 1" Outlet, 45 GPM Thermostatic Mixing Valve (Bradley S59-2045)	1,761.62	49.54
22 11 19 00-0174	EA	1" Inlets, 1-1/4" Outlet, 80 GPM Thermostatic Mixing Valve (Bradley S59-2080)	2,118.58	57.62
22 11 19 00-0175	EA	1-1/4" Inlets, 1-1/2" Outlet, 130 GPM Thermostatic Mixing Valve (Bradley S59-2130)	2,751.90	60.56
22 11 19 00-0176	EA	2" Inlets, 2" Outlet, 220 GPM Thermostatic Mixing Valve (Bradley S59-2200)	3,695.64	78.57
22 11 19 00-0177		**High Low Temperature Thermostatic Mixing Valves (Bradley)** *(22 11 19 00-0165)*		
		Note: High Low Temperature Thermostatic Mixing Valves: ASSE 1017, liquid-filled thermal motor and piston control mechanism with positive shutoff of hot water when cold water supply is lost, and allowing restricted cold flow in event of loss or interruption of hot water supply. Flow is shut off in the event of thermostat failure. Equipped with integral check stops, thermometer, and removable strainers.		
22 11 19 00-0178	EA	3/4" Inlets, 1" Outlet, 45 GPM High-Low Thermostatic Mixing Valve (Bradley S59-3045)	4,021.01	61.94
22 11 19 00-0179	EA	1" Inlets, 1-1/4" Outlet, 80 GPM High-Low Thermostatic Mixing Valve (Bradley S59-3080)	5,236.95	72.02
22 11 19 00-0180	EA	1-1/4" Inlets, 1-1/2" Outlet, 130 GPM High-Low Thermostatic Mixing Valve (Bradley S59-3130)	6,110.86	75.70
22 11 19 00-0181	EA	2" Inlets, 2" Outlet, 220 GPM High-Low Thermostatic Mixing Valve (Bradley S59-3200)	6,764.25	98.21
22 11 19 00-0182		**Thermostatic Mixing Valves (Leonard)** *(22 11 19 00-0165)*		
		Note: Thermostatic Water Mixing Valve with Integral combination checkstops with strainers, 125 PSI (8.6 BAR) maximum operating pressure, Copper encapsulated thermostatic assembly with Teflon coated brass shuttle, Locking temperature regulating handle, Top or bottom supply/outlet connections, Integral circulation port connection		
22 11 19 00-0183	EA	3/4" In x 3/4" Out Thermostatic Mixing Valve (Leonard LV-981-RF) Note: For hot water or two pipe low pressure steam.	1,136.47	40.22
22 11 19 00-0184	EA	1" In x 1-1/4" Out Thermostatic Mixing Valve (Leonard LV-982-RF) Note: For hot water or two pipe low pressure steam.	1,337.17	49.53
22 11 19 00-0185	EA	1-1/4" In x 1-1/4" Out Thermostatic Mixing Valve (Leonard LV-983-RF) Note: For hot water or two pipe low pressure steam.	1,644.66	57.62

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22 11 19 00-0186	EA	1-1/4" In x 1-1/2" Out Thermostatic Mixing Valve (Leonard LV-984-RF) Note: For hot water or two pipe low pressure steam.	2,014.69	60.58
22 11 19 00-0187	EA	2" In x 2" Out Thermostatic Mixing Valve (Leonard LV-985-RF) Note: For hot water or two pipe low pressure steam.	2,997.49	78.57
22 11 19 00-0188		**Water Mixing/Self Operating Temperature Regulator** *(22 11 19 00-0165)* Note: Includes high rate spring, temperature adjustment screw, temperature dial and remote bulb with 8' capillary tube.		
22 11 19 00-0189	EA	3/4" Valve Size, Water Mixing/Self Operating Temperature Regulator (Powers #11 Type WM Regulator)	3,252.93	57.53
22 11 19 00-0190	EA	1" Valve Size, Water Mixing/Self Operating Temperature Regulator (Powers #11 Type WM Regulator)	3,442.85	72.49
22 11 19 00-0191	EA	1-1/4" Valve Size, Water Mixing/Self Operating Temperature Regulator (Powers #11 Type WM Regulator)	3,789.32	87.44
22 11 19 00-0192	EA	1-1/2" Valve Size, Water Mixing/Self Operating Temperature Regulator (Powers #11 Type WM Regulator)	4,168.84	102.40
22 11 19 00-0193	EA	2" Valve Size, Water Mixing/Self Operating Temperature Regulator (Powers #11 Type WM Regulator)	4,962.17	134.62
22 11 19 00-0194	EA	2-1/2" Valve Size, Water Mixing/Self Operating Temperature Regulator (Powers #11 Type WM Regulator)	5,865.39	153.52
22 11 19 00-0195		**Thermostatic Mixing Valves (Holby)** *(22 11 19 00-0165)*		
22 11 19 00-0196	EA	2-1/2" Thermostatic Mixing Valve (Holby HOLBY2500)	5,360.98	78.59
22 11 19 00-0197		**Backflow Preventer Valves** *(22 11 19)*		
22 11 19 00-0198		**Double Check Valve Backflow Preventer Assemblies** *(22 11 19 00-0197)*		
22 11 19 00-0199		**Threaded Double Check Valve Assemblies** *(22 11 19 00-0198)*		
22 11 19 00-0200		**Double Check Valve Assemblies With Quarter Turn Shut-Offs** *(22 11 19 00-0199)* Note: Includes ball type test cocks, two quarter-turn (QT) full port resilient seated bronze body ball valves, and two epoxy coated bronze body check valves (Watts 007 QT or 719 QT series).		
22 11 19 00-0201	EA	1/2" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs (Watts 007 QT or 719 QT series)	473.32	30.83
		For Work In Restricted Working Space, Add	*23.13*	
		For Owner Furnished Material, Deduct	*-396.23*	
22 11 19 00-0202	EA	3/4" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs (Watts 007 QT or 719 QT Series)	556.60	43.72
		For Work In Restricted Working Space, Add	*32.79*	
		For Owner Furnished Material, Deduct	*-447.30*	
22 11 19 00-0203	EA	1"Threaded Double Check Valve Assembly With Quarter Turn Shut-offs (Watts 007 QT or 719 QT Series)	640.97	53.39
		For Work In Restricted Working Space, Add	*40.04*	
		For Owner Furnished Material, Deduct	*-507.50*	
22 11 19 00-0204	EA	1-1/4" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs (Watts 007 QT or 719 QT Series)	900.93	62.13
		For Work In Restricted Working Space, Add	*46.60*	
		For Owner Furnished Material, Deduct	*-745.60*	
22 11 19 00-0205	EA	1-1/2" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs (Watts 007 QT or 719 QT Series)	1,117.34	71.33
		For Work In Restricted Working Space, Add	*53.16*	
		For Owner Furnished Material, Deduct	*-940.15*	
22 11 19 00-0206	EA	2" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs (Watts 007 QT or 719 QT Series)	1,284.14	92.04
		For Work In Restricted Working Space, Add	*69.03*	
		For Owner Furnished Material, Deduct	*-1,054.03*	
22 11 19 00-0207		**Double Check Valve Assemblies With Quarter Turn Shut-Offs And Strainer** *(22 11 19 00-0199)* Note: Includes ball type test cocks, two quarter-turn (QT) full port resilient seated bronze body ball valves, two epoxy coated bronze body check valves, and bronze strainer (Watts 007 QT-S or 719 QT-S series).		
22 11 19 00-0208	EA	1/2" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs And Strainer (Watts 007 QT-S or 719 QT-S)	586.70	30.83
		For Work In Restricted Working Space, Add	*23.13*	
		For Owner Furnished Material, Deduct	*-509.61*	
22 11 19 00-0209	EA	3/4" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs And Strainer (Watts 007 QT-S or 719 QT-S)	722.66	43.72
		For Work In Restricted Working Space, Add	*32.79*	
		For Owner Furnished Material, Deduct	*-613.36*	
22 11 19 00-0210	EA	1" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs And Strainer (Watts 007 QT-S or 719 QT-S)	844.55	53.39
		For Work In Restricted Working Space, Add	*40.04*	
		For Owner Furnished Material, Deduct	*-711.08*	
22 11 19 00-0211	EA	1-1/4" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs And Strainer (Watts 007 QT-S or 719 QT-S)	1,191.00	62.13
		For Work In Restricted Working Space, Add	*46.60*	
		For Owner Furnished Material, Deduct	*-1,035.67*	
22 11 19 00-0212	EA	1-1/2" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs And Strainer (Watts 007 QT-S or 719 QT-S)	1,458.99	71.33
		For Work In Restricted Working Space, Add	*53.16*	
		For Owner Furnished Material, Deduct	*-1,281.80*	
22 11 19 00-0213	EA	2" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs And Strainer (Watts 007 QT-S or 719 QT-S)	1,755.82	92.04
		For Work In Restricted Working Space, Add	*69.03*	
		For Owner Furnished Material, Deduct	*-1,525.71*	
22 11 19 00-0214		**Flanged Double Check Valve Assemblies** *(22 11 19 00-0198)*		
22 11 19 00-0215		**Double Check Valve Assemblies With Non-Rising Stem Shut-Offs** *(22 11 19 00-0214)* Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated iron body gate valves, and two epoxy coated iron body check valves (Watts LF007 NRS series).		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0216	EA	2-1/2" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts LF007 NRS)	6,471.55	254.28
		For Work In Restricted Working Space, Add	*101.72*	
		For Owner Furnished Material, Deduct	*-6,132.50*	
22 11 19 00-0217	EA	3" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts LF007 NRS)	7,110.26	286.08
		For Work In Restricted Working Space, Add	*112.84*	
		For Owner Furnished Material, Deduct	*-6,734.13*	

22 11 19 00-0218 Double Check Valve Assemblies With Outside Stem And Yoke Shut-Offs *(22 11 19 00-0214)*

Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, and two epoxy coated iron body check valves (Watts LF007 OSY series).

22 11 19 00-0219	EA	2-1/2" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts LF007 OSY)	7,094.88	254.28
		For Work In Restricted Working Space, Add	*101.72*	
		For Owner Furnished Material, Deduct	*-6,755.83*	
22 11 19 00-0220	EA	3" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 007 OSY)	8,149.14	286.08
		For Work In Restricted Working Space, Add	*112.84*	
		For Owner Furnished Material, Deduct	*-7,773.01*	

22 11 19 00-0221 Double Check Valve Assemblies With Non-Rising Stem Shut-Offs *(22 11 19 00-0214)*

Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated iron body gate valves, and two epoxy coated iron body check valves (Watts LF709 NRS series).

22 11 19 00-0222	EA	2-1/2" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts LF709 NRS series)	6,516.50	254.28
		For Work In Restricted Working Space, Add	*101.71*	
		For Owner Furnished Material, Deduct	*-6,177.47*	
22 11 19 00-0223	EA	3" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts LF709 NRS series)	4,955.53	286.08
		For Work In Restricted Working Space, Add	*112.85*	
		For Owner Furnished Material, Deduct	*-4,579.38*	
22 11 19 00-0224	EA	4" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts LF709 NRS series)	7,760.98	423.81
		For Work In Restricted Working Space, Add	*169.43*	
		For Owner Furnished Material, Deduct	*-7,196.20*	
22 11 19 00-0225	EA	6" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts LF709 NRS Series)	11,821.83	657.24
		For Work In Restricted Working Space, Add	*356.18*	
		For Owner Furnished Material, Deduct	*-10,634.56*	
22 11 19 00-0226	EA	8" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts LF709 NRS Series)	27,070.68	985.86
		For Work In Restricted Working Space, Add	*534.36*	
		For Owner Furnished Material, Deduct	*-25,289.49*	
22 11 19 00-0227	EA	10" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts LF709 NRS Series)	34,780.94	1,166.06
		For Work In Restricted Working Space, Add	*636.04*	
		For Owner Furnished Material, Deduct	*-32,660.82*	

22 11 19 00-0228 Double Check Valve Assemblies With Non-Rising Stem Shut-Offs And Strainer *(22 11 19 00-0214)*

Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated iron body gate valves, two epoxy coated iron body check valves, and iron body strainer (Watts 709 NRS-S series).

22 11 19 00-0229	EA	4" Flanged Double Check Valve Assembly With NRS Shut-offs And Strainer (Watts LF709 NRS-S-FDA Series)	9,077.36	423.81
		For Work In Restricted Working Space, Add	*169.42*	
		For Owner Furnished Material, Deduct	*-8,512.63*	
22 11 19 00-0230	EA	6" Flanged Double Check Valve Assembly With NRS Shut-offs And Strainer (Watts LF709 NRS-S-FDA Series)	15,130.00	657.24
		For Work In Restricted Working Space, Add	*356.18*	
		For Owner Furnished Material, Deduct	*-13,942.73*	
22 11 19 00-0231	EA	10" Flanged Double Check Valve Assembly With NRS Shut-offs And Strainer (Watts LF709 NRS-S-FDA Series)	40,424.67	1,166.06
		For Work In Restricted Working Space, Add	*636.04*	
		For Owner Furnished Material, Deduct	*-38,304.55*	

22 11 19 00-0232 Double Check Valve Assemblies With Outside Stem And Yoke Shut-Offs *(22 11 19 00-0214)*

Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, and two epoxy coated iron body check valves (Watts LF709 OSY series).

22 11 19 00-0233	EA	2-1/2" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts LF709 OSY Series)	6,924.30	254.28
		For Work In Restricted Working Space, Add	*101.71*	
		For Owner Furnished Material, Deduct	*-6,585.27*	
22 11 19 00-0234	EA	3" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts LF709 OSY series)	7,607.99	286.08
		For Work In Restricted Working Space, Add	*112.84*	
		For Owner Furnished Material, Deduct	*-7,231.86*	
22 11 19 00-0235	EA	4" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts LF709 OSY Series)	8,238.50	423.81
		For Work In Restricted Working Space, Add	*169.42*	
		For Owner Furnished Material, Deduct	*-7,673.77*	
22 11 19 00-0236	EA	6" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts LF709 OSY Series)	13,852.33	657.24
		For Work In Restricted Working Space, Add	*356.18*	
		For Owner Furnished Material, Deduct	*-12,665.06*	
22 11 19 00-0237	EA	8" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts LF709 OSY Series)	28,756.69	985.86
		For Work In Restricted Working Space, Add	*534.27*	
		For Owner Furnished Material, Deduct	*-26,975.78*	
22 11 19 00-0238	EA	10" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts LF709 OSY Series)	36,956.75	1,166.06
		For Work In Restricted Working Space, Add	*636.04*	
		For Owner Furnished Material, Deduct	*-34,836.63*	

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22 11 19 00-0239		**Double Check Valve Assemblies With Outside Stem And Yoke Shut-Offs** *(22 11 19 00-0214)* Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, and single stainless steel housing and sleeve for two check valves (Watts 757 OSY series).		
22 11 19 00-0240	EA	2-1/2" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 757 OSY Series)	4,107.07	254.28
		For Work In Restricted Working Space, Add	*101.71*	
		For Owner Furnished Material, Deduct	*-3,768.04*	
22 11 19 00-0241	EA	3" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 757 OSY Series)	4,521.19	286.08
		For Work In Restricted Working Space, Add	*112.84*	
		For Owner Furnished Material, Deduct	*-4,145.06*	
22 11 19 00-0242	EA	4" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 757 OSY Series)	5,086.81	423.81
		For Work In Restricted Working Space, Add	*169.42*	
		For Owner Furnished Material, Deduct	*-4,522.08*	
22 11 19 00-0243	EA	6" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 757 OSY Series)	8,258.18	657.24
		For Work In Restricted Working Space, Add	*356.18*	
		For Owner Furnished Material, Deduct	*-7,070.91*	
22 11 19 00-0244	EA	8" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 757 OSY Series)	15,760.69	985.86
		For Work In Restricted Working Space, Add	*534.27*	
		For Owner Furnished Material, Deduct	*-13,979.78*	
22 11 19 00-0245	EA	10" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 757 OSY Series)	17,079.48	1,166.06
		For Work In Restricted Working Space, Add	*636.04*	
		For Owner Furnished Material, Deduct	*-14,959.36*	
22 11 19 00-0246		**N-Pattern Double Check Valve Assemblies With Outside Stem And Yoke Shut-Offs** *(22 11 19 00-0214)* Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, and single stainless steel housing and sleeve for two check valves (Watts 757N OSY series).		
22 11 19 00-0247	EA	2-1/2" N-Pattern Flanged Double Check Valve Assembly With Outside Stem And Yoke Shutoffs (Watts 757N OSY Series)	5,444.05	254.28
		For Work In Restricted Working Space, Add	*101.71*	
		For Owner Furnished Material, Deduct	*-5,105.02*	
22 11 19 00-0248	EA	3" N-Pattern Flanged Double Check Valve Assembly With Outside Stem And Yoke Shutoffs (Watts 757N OSY Series)	5,858.17	286.08
		For Work In Restricted Working Space, Add	*112.84*	
		For Owner Furnished Material, Deduct	*-5,482.04*	
22 11 19 00-0249	EA	4" N-Pattern Flanged Double Check Valve Assembly With Outside Stem And Yoke Shutoffs (Watts 757 OSY Series)	7,320.95	423.81
		For Work In Restricted Working Space, Add	*169.42*	
		For Owner Furnished Material, Deduct	*-6,756.22*	
22 11 19 00-0250	EA	6" N-Pattern Flanged Double Check Valve Assembly With Outside Stem And Yoke Shutoffs (Watts 757N OSY Series)	11,998.23	657.24
		For Work In Restricted Working Space, Add	*356.18*	
		For Owner Furnished Material, Deduct	*-10,810.96*	
22 11 19 00-0251	EA	8" N-Pattern Flanged Double Check Valve Assembly With Outside Stem And Yoke Shutoffs (Watts 757N OSY Series)	21,303.83	985.86
		For Work In Restricted Working Space, Add	*534.27*	
		For Owner Furnished Material, Deduct	*-19,522.92*	
22 11 19 00-0252	EA	10" N-Pattern Flanged Double Check Valve Assembly With Outside Stem And Yoke Shutoffs (Watts 757N OSY Series)	25,351.22	1,166.06
		For Work In Restricted Working Space, Add	*636.04*	
		For Owner Furnished Material, Deduct	*-23,231.10*	
22 11 19 00-0253		**Double Check Valve Assemblies With Non-Rising Stem Shut-Off Valves** *(22 11 19 00-0214)* Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated iron body gate valves, and single stainless steel housing and sleeve for two check valves (Watts 757 NRS series).		
22 11 19 00-0254	EA	2-1/2" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts 757 NRS Series)	3,841.15	254.28
		For Work In Restricted Working Space, Add	*101.71*	
		For Owner Furnished Material, Deduct	*-3,502.12*	
22 11 19 00-0255	EA	3" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts 757 NRS Series)	4,267.36	286.08
		For Work In Restricted Working Space, Add	*112.84*	
		For Owner Furnished Material, Deduct	*-3,891.23*	
22 11 19 00-0256	EA	4" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts 757 NRS Series)	4,844.92	423.81
		For Work In Restricted Working Space, Add	*169.42*	
		For Owner Furnished Material, Deduct	*-4,280.19*	
22 11 19 00-0257	EA	6" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts 757 NRS Series)	8,068.16	657.24
		For Work In Restricted Working Space, Add	*356.18*	
		For Owner Furnished Material, Deduct	*-6,880.89*	
22 11 19 00-0258	EA	8" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts 757 NRS series)	15,577.57	985.86
		For Work In Restricted Working Space, Add	*534.27*	
		For Owner Furnished Material, Deduct	*-13,796.66*	
22 11 19 00-0259	EA	10" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts 757 NRS series)	17,590.78	1,166.06
		For Work In Restricted Working Space, Add	*636.04*	
		For Owner Furnished Material, Deduct	*-15,470.66*	
22 11 19 00-0260		**N-Pattern Double Check Valve Assemblies With Non-Rising Stem Shut-Offs** *(22 11 19 00-0214)* Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated iron body gate valves, and single stainless steel housing and sleeve for two check valves (Watts 757N NRS series).		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0261	EA	2-1/2" N-Pattern Flanged Double Check Valve Assembly With NRS Shutoffs (Watts 757 NRS series)	5,066.02	254.28
		For Work In Restricted Working Space, Add	*101.71*	
		For Owner Furnished Material, Deduct	*-4,726.99*	
22 11 19 00-0262	EA	3" N-Pattern Flanged Double Check Valve Assembly With NRS Shutoffs (Watts 757 NRS series)	5,480.14	286.08
		For Work In Restricted Working Space, Add	*112.84*	
		For Owner Furnished Material, Deduct	*-5,104.01*	
22 11 19 00-0263	EA	4" N-Pattern Flanged Double Check Valve Assembly With NRS Shutoffs (Watts 757 NRS series)	6,943.39	423.81
		For Work In Restricted Working Space, Add	*169.42*	
		For Owner Furnished Material, Deduct	*-6,378.66*	
22 11 19 00-0264	EA	6" N-Pattern Flanged Double Check Valve Assembly With NRS Shutoffs (Watts 757 NRS series)	11,596.09	657.24
		For Work In Restricted Working Space, Add	*356.18*	
		For Owner Furnished Material, Deduct	*-10,408.82*	
22 11 19 00-0265	EA	8" N-Pattern Flanged Double Check Valve Assembly With NRS Shutoffs (Watts 757 NRS series)	20,695.15	985.86
		For Work In Restricted Working Space, Add	*534.27*	
		For Owner Furnished Material, Deduct	*-18,914.24*	
22 11 19 00-0266	EA	10" N-Pattern Flanged Double Check Valve Assembly With NRS Shutoffs (Watts 757 NRS series)	24,740.77	1,166.06
		For Work In Restricted Working Space, Add	*636.04*	
		For Owner Furnished Material, Deduct	*-22,620.65*	

22 11 19 00-0267 Double Check Valve Assemblies With Butterfly Shut-Off Valves *(22 11 19 00-0214)*

Note: Includes ball type test cocks, two resilient seated iron body butterfly valves, and single stainless steel housing and sleeve for two check valves (Watts 757 BFG series).

22 11 19 00-0268	EA	2-1/2" Flanged Double Check Valve Assembly With Butterfly Valves (Watts 757 BFG series)	4,470.06	254.28
		For Work In Restricted Working Space, Add	*101.71*	
		For Owner Furnished Material, Deduct	*-4,131.03*	
22 11 19 00-0269	EA	3" Flanged Double Check Valve Assembly With Butterfly Valves (Watts 757 BFG series)	4,884.18	286.08
		For Work In Restricted Working Space, Add	*112.84*	
		For Owner Furnished Material, Deduct	*-4,508.05*	
22 11 19 00-0270	EA	4" Flanged Double Check Valve Assembly With Butterfly Valves (Watts 757 BFG series)	5,449.80	423.81
		For Work In Restricted Working Space, Add	*169.42*	
		For Owner Furnished Material, Deduct	*-4,885.07*	
22 11 19 00-0271	EA	6" Flanged Double Check Valve Assembly With Butterfly Valves (Watts 757 BFG series)	8,630.32	657.24
		For Work In Restricted Working Space, Add	*356.18*	
		For Owner Furnished Material, Deduct	*-7,443.05*	
22 11 19 00-0272	EA	8" Flanged Double Check Valve Assembly With Butterfly Valves (Watts 757 BFG series)	16,132.83	985.86
		For Work In Restricted Working Space, Add	*534.27*	
		For Owner Furnished Material, Deduct	*-14,351.92*	

22 11 19 00-0273 N-Pattern Double Check Valve Assemblies With Butterfly Shut-Offs *(22 11 19 00-0214)*

Note: Includes ball type test cocks, two resilient seated iron body butterfly valves, and single stainless steel housing and sleeve for two check valves (Watts 757N BFG series).

22 11 19 00-0274	EA	2-1/2" N-Pattern Flanged Double Check Assembly With Butterfly Valves (Watts 757 BFG series)	5,807.04	254.28
		For Work In Restricted Working Space, Add	*101.71*	
		For Owner Furnished Material, Deduct	*-5,468.01*	
22 11 19 00-0275	EA	3" N-Pattern Flanged Double Check Valve Assembly With Butterfly Valves (Watts 757 BFG series)	6,221.16	286.08
		For Work In Restricted Working Space, Add	*112.84*	
		For Owner Furnished Material, Deduct	*-5,845.03*	
22 11 19 00-0276	EA	4" N-Pattern Flanged Double Check Valve Assembly With Butterfly Valves (Watts 757 BFG series)	7,683.94	423.81
		For Work In Restricted Working Space, Add	*169.42*	
		For Owner Furnished Material, Deduct	*-7,119.21*	
22 11 19 00-0277	EA	6" N-Pattern Flanged Double Check Valve Assembly With Butterfly Valves (Watts 757 BFG series)	12,370.45	657.24
		For Work In Restricted Working Space, Add	*356.18*	
		For Owner Furnished Material, Deduct	*-11,183.18*	
22 11 19 00-0278	EA	8" N-Pattern Flanged Double Check Valve Assembly With Butterfly Valves (Watts 757 BFG series)	16,132.83	985.86
		For Work In Restricted Working Space, Add	*534.27*	
		For Owner Furnished Material, Deduct	*-14,351.92*	

22 11 19 00-0279 Grooved Double Check Valve Assemblies *(22 11 19 00-0198)*

22 11 19 00-0280 Double Check Valve Assemblies With Quarter Turn Shut-Offs *(22 11 19 00-0279)*

Note: Includes ball type test cocks, two quarter turn (QT) resilient seated iron body ball valves, and single stainless steel housing and sleeve for two check valves (Watts 757 QT series).

22 11 19 00-0281	EA	2-1/2" Grooved Double Check Valve Assembly With Quarter Turn Shut-offs (Watts 757 QT series)	3,841.15	135.62
		For Work In Restricted Working Space, Add	*101.71*	
		For Owner Furnished Material, Deduct	*-3,502.12*	
22 11 19 00-0282	EA	3" Grooved Double Check Valve Assembly With Quarter Turn Shut-offs (Watts 757 QT series)	4,267.36	150.45
		For Work In Restricted Working Space, Add	*112.84*	
		For Owner Furnished Material, Deduct	*-3,891.23*	

22 11 19 00-0283 N-Patten Double Check Valve Assemblies With Quarter Turn Shut-Offs *(22 11 19 00-0279)*

Note: Includes ball type test cocks, two quarter turn (QT) resilient seated iron body ball valves, and single stainless steel housing and sleeve for two check valves (Watts 757N QT series).

22 11 19 00-0284	EA	2-1/2" N-Pattern Grooved Double Check Valve Assembly With QT Shutoffs (Watts 757 QT series)	5,066.02	135.62
		For Work In Restricted Working Space, Add	*101.71*	
		For Owner Furnished Material, Deduct	*-4,726.99*	
22 11 19 00-0285	EA	3" N-Pattern Grooved Double Check Valve Assembly With QT Shutoffs (Watts 757 QT series)	5,480.14	150.45
		For Work In Restricted Working Space, Add	*112.84*	
		For Owner Furnished Material, Deduct	*-5,104.01*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0286		Reduced Pressure Zone Backflow Preventer Assemblies *(22 11 19 00-0197)*		
22 11 19 00-0287		Threaded Reduced Pressure Zone Assemblies *(22 11 19 00-0286)*		
22 11 19 00-0288		Reduced Pressure Zone Assemblies With Quarter Turn Shut-Offs *(22 11 19 00-0287)*		
		Note: Includes ball type test cocks, two quarter-turn (QT) full port resilient seated bronze body ball valves, and captured spring assemblies (Watts 009 QT series).		
22 11 19 00-0289	EA	1/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009 QT series)	527.57	26.69
		For Work In Restricted Working Space, Add	*20.02*	
		For Owner Furnished Material, Deduct	*-460.84*	
22 11 19 00-0290	EA	3/8" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009 QT series)	556.86	29.45
		For Work In Restricted Working Space, Add	*22.09*	
		For Owner Furnished Material, Deduct	*-483.22*	
22 11 19 00-0291	EA	1/2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009 QT series)	649.51	30.83
		For Work In Restricted Working Space, Add	*23.13*	
		For Owner Furnished Material, Deduct	*-572.42*	
22 11 19 00-0292	EA	3/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M3 QT series)	871.65	43.72
		For Work In Restricted Working Space, Add	*32.79*	
		For Owner Furnished Material, Deduct	*-762.35*	
22 11 19 00-0293	EA	1" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M2 QT series)	1,033.79	53.39
		For Work In Restricted Working Space, Add	*40.04*	
		For Owner Furnished Material, Deduct	*-900.32*	
22 11 19 00-0294	EA	1-1/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M2 QT series)	1,567.66	62.13
		For Work In Restricted Working Space, Add	*46.60*	
		For Owner Furnished Material, Deduct	*-1,412.33*	
22 11 19 00-0295	EA	1-1/2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M2 QT series)	1,655.95	71.33
		For Work In Restricted Working Space, Add	*53.16*	
		For Owner Furnished Material, Deduct	*-1,478.76*	
22 11 19 00-0296	EA	2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M2 QT series)	1,984.89	92.04
		For Work In Restricted Working Space, Add	*69.03*	
		For Owner Furnished Material, Deduct	*-1,754.78*	
22 11 19 00-0297		Reduced Pressure Zone Assemblies With Quarter Turn Shut-Offs And Strainer *(22 11 19 00-0287)*		
		Note: Includes ball type test cocks, two quarter-turn (QT) full port resilient seated bronze body ball valves, bronze strainer, and captured spring assemblies (Watts 009 QT-S series).		
22 11 19 00-0298	EA	1/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 009 QT-S series)	583.36	26.69
		For Work In Restricted Working Space, Add	*20.02*	
		For Owner Furnished Material, Deduct	*-516.63*	
22 11 19 00-0299	EA	3/8" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 009 QT-S series)	615.66	29.45
		For Work In Restricted Working Space, Add	*22.09*	
		For Owner Furnished Material, Deduct	*-542.02*	
22 11 19 00-0300	EA	1/2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 009 QT-S series)	730.08	43.72
		For Work In Restricted Working Space, Add	*23.13*	
		For Owner Furnished Material, Deduct	*-652.99*	
22 11 19 00-0301	EA	3/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 009 QT-S series)	998.28	43.72
		For Work In Restricted Working Space, Add	*32.79*	
		For Owner Furnished Material, Deduct	*-888.98*	
22 11 19 00-0302	EA	1" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 009 QT-S series)	1,192.12	53.39
		For Work In Restricted Working Space, Add	*40.04*	
		For Owner Furnished Material, Deduct	*-1,058.65*	
22 11 19 00-0303	EA	1-1/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 009 QT-S series)	1,783.59	62.13
		For Work In Restricted Working Space, Add	*46.60*	
		For Owner Furnished Material, Deduct	*-1,628.26*	
22 11 19 00-0304	EA	1-1/2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 009 QT-S series)	1,960.67	71.33
		For Work In Restricted Working Space, Add	*53.16*	
		For Owner Furnished Material, Deduct	*-1,783.48*	
22 11 19 00-0305	EA	2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 009 QT-S series)	2,358.74	92.04
		For Work In Restricted Working Space, Add	*69.03*	
		For Owner Furnished Material, Deduct	*-2,128.63*	
22 11 19 00-0306		Reduced Pressure Zone Assemblies With Quarter Turn Shut-Offs *(22 11 19 00-0287)*		
		Note: Includes ball type test cocks, two quarter-turn (QT) full port resilient seated bronze body ball valves, and captured spring assemblies (Watts 919 QT series).		
22 11 19 00-0307	EA	3/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 919 QT series)	871.65	43.72
		For Work In Restricted Working Space, Add	*32.79*	
		For Owner Furnished Material, Deduct	*-762.35*	
22 11 19 00-0308	EA	1" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 919 QT series)	1,033.79	53.39
		For Work In Restricted Working Space, Add	*40.04*	
		For Owner Furnished Material, Deduct	*-900.32*	
22 11 19 00-0309	EA	1-1/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 919 QT series)	1,567.66	62.13
		For Work In Restricted Working Space, Add	*46.60*	
		For Owner Furnished Material, Deduct	*-1,412.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0310	EA	1-1/2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 919 QT series)	1,655.95	71.33
		For Work In Restricted Working Space, Add	*53.16*	
		For Owner Furnished Material, Deduct	*-1,478.76*	
22 11 19 00-0311	EA	2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 919 QT series)	1,984.89	92.04
		For Work In Restricted Working Space, Add	*69.03*	
		For Owner Furnished Material, Deduct	*-1,754.78*	

22 11 19 00-0312 Reduced Pressure Zone Assemblies With Quarter Turn Shut-Offs And Strainer *(22 11 19 00-0287)*

Note: Includes ball type test cocks, two quarter-turn (QT) full port resilient seated bronze body ball valves, bronze strainer, and captured spring assemblies (Watts 919 QT-S series).

22 11 19 00-0313	EA	3/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 919QT-S series)	998.28	43.72
		For Work In Restricted Working Space, Add	*32.79*	
		For Owner Furnished Material, Deduct	*-888.98*	
22 11 19 00-0314	EA	1" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 919QT-S series)	1,192.12	53.39
		For Work In Restricted Working Space, Add	*40.04*	
		For Owner Furnished Material, Deduct	*-1,058.65*	
22 11 19 00-0315	EA	1-1/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 919QT-S series)	1,783.59	62.13
		For Work In Restricted Working Space, Add	*46.60*	
		For Owner Furnished Material, Deduct	*-1,628.26*	
22 11 19 00-0316	EA	1-1/2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 919QT-S series)	1,960.67	71.33
		For Work In Restricted Working Space, Add	*53.16*	
		For Owner Furnished Material, Deduct	*-1,783.48*	
22 11 19 00-0317	EA	2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 919QT-S series)	2,358.74	92.04
		For Work In Restricted Working Space, Add	*69.03*	
		For Owner Furnished Material, Deduct	*-2,128.63*	

22 11 19 00-0318 Reduced Pressure Zone Assemblies With Quarter Turn Shut-Offs *(22 11 19 00-0287)*

Note: Includes ball type test cocks, two quarter-turn (QT) full port resilient seated bronze body ball valves, and captured spring assemblies (Watts 909 QT series).

22 11 19 00-0319	EA	3/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts LF909QT)	1,812.15	43.72
		For Work In Restricted Working Space, Add	*32.79*	
		For Owner Furnished Material, Deduct	*-1,702.85*	
22 11 19 00-0320	EA	1" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts LF909QT)	2,144.50	53.39
		For Work In Restricted Working Space, Add	*40.04*	
		For Owner Furnished Material, Deduct	*-2,011.03*	
22 11 19 00-0321	EA	1-1/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts LF909M1QT)	3,305.89	62.13
		For Work In Restricted Working Space, Add	*46.60*	
		For Owner Furnished Material, Deduct	*-3,150.56*	
22 11 19 00-0322	EA	1-1/2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts LF909M1QT)	3,572.86	71.33
		For Work In Restricted Working Space, Add	*53.16*	
		For Owner Furnished Material, Deduct	*-3,395.67*	
22 11 19 00-0323	EA	2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 909M1QT)	4,141.79	92.04
		For Work In Restricted Working Space, Add	*69.03*	
		For Owner Furnished Material, Deduct	*-3,911.68*	

22 11 19 00-0324 Reduced Pressure Zone Assemblies With Quarter Turn Shut-Offs And Strainer *(22 11 19 00-0287)*

Note: Includes ball type test cocks, two quarter-turn (QT) full port resilient seated bronze body ball valves, bronze strainer, and captured spring assemblies (Watts LF909 QT-S series).

22 11 19 00-0325	EA	3/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts LF909QT-S)	2,445.13	43.72
		For Work In Restricted Working Space, Add	*32.79*	
		For Owner Furnished Material, Deduct	*-2,335.83*	
22 11 19 00-0326	EA	1" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts LF909QT-S)	2,906.19	53.39
		For Work In Restricted Working Space, Add	*40.04*	
		For Owner Furnished Material, Deduct	*-2,772.72*	
22 11 19 00-0327	EA	1-1/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts LF909M1QT-S)	4,436.53	62.13
		For Work In Restricted Working Space, Add	*46.60*	
		For Owner Furnished Material, Deduct	*-4,281.20*	
22 11 19 00-0328	EA	1-1/2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts LF909M1QT-S)	4,845.41	71.33
		For Work In Restricted Working Space, Add	*53.16*	
		For Owner Furnished Material, Deduct	*-4,668.22*	
22 11 19 00-0329	EA	2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts LF909M1QT-S)	5,753.19	92.04
		For Work In Restricted Working Space, Add	*69.03*	
		For Owner Furnished Material, Deduct	*-5,523.08*	

22 11 19 00-0330 Intermediate Atmospheric Back Flow Preventer *(22 11 19 00-0287)*

22 11 19 00-0331	EA	1/2" Intermediate Atmospheric Back Flow Preventer With Double Check Valves	142.26	18.90
		For Work In Restricted Working Space, Add	*23.20*	
		For Owner Furnished Material, Deduct	*-64.94*	
22 11 19 00-0332	EA	3/4" Intermediate Atmospheric Back Flow Preventer With Double Check Valves	174.66	26.50
		For Work In Restricted Working Space, Add	*32.92*	
		For Owner Furnished Material, Deduct	*-64.94*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

22 11 19 00-0333 Flanged Reduced Pressure Zone Assemblies *(22 11 19 00-0286)*

22 11 19 00-0334 Reduced Pressure Zone Assemblies With Non-Rising Stem Shut-Offs *(22 11 19 00-0333)*

Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated iron body gate valves, and captured spring assemblies (Watts LF009 NRS series).

22 11 19 00-0335	EA	2-1/2" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs (Watts LF009 NRS series)	5,949.01	254.28
		For Work In Restricted Working Space, Add	*101.72*	
		For Owner Furnished Material, Deduct	*-5,609.96*	
22 11 19 00-0336	EA	3" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs (Watts LF009 NRS series)	6,704.01	286.08
		For Work In Restricted Working Space, Add	*112.84*	
		For Owner Furnished Material, Deduct	*-6,327.88*	

22 11 19 00-0337 Reduced Pressure Zone Assemblies With Non-Rising Stem Shut-Off And Strainer *(22 11 19 00-0333)*

Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated iron body gate valves, iron body strainer, and captured spring assemblies (Watts LF009 NRS-S-FDA series).

22 11 19 00-0338	EA	2-1/2" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs And Strainer (Watts LF009 NRS-S-FDA series)	7,099.54	254.28
		For Work In Restricted Working Space, Add	*101.72*	
		For Owner Furnished Material, Deduct	*-6,760.49*	
22 11 19 00-0339	EA	3" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs And Strainer (Watts LF009 NRS-S-FDA series)	8,040.60	286.08
		For Work In Restricted Working Space, Add	*112.84*	
		For Owner Furnished Material, Deduct	*-7,664.47*	

22 11 19 00-0340 Reduced Pressure Zone Assemblies With Outside Stem And Yoke Shut-Offs *(22 11 19 00-0333)*

Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, and captured spring assemblies (Watts LF009 OSY series).

22 11 19 00-0341	EA	2-1/2" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs (Watts LF009 OSY series)	6,389.37	254.28
		For Work In Restricted Working Space, Add	*101.72*	
		For Owner Furnished Material, Deduct	*-6,050.32*	
22 11 19 00-0342	EA	3" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs (Watts LF009 OSY series)	7,435.88	286.08
		For Work In Restricted Working Space, Add	*112.84*	
		For Owner Furnished Material, Deduct	*-7,059.75*	

22 11 19 00-0343 Reduced Pressure Zone Assemblies With Outside Stem And Yoke Shut-Offs And Strainer *(22 11 19 00-0333)*

Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, and captured spring assemblies. (Watts LF009 OSY-S-FDA Series)

22 11 19 00-0344	EA	2-1/2" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs And Strainer (Watts LF009 OSY-S-FDA series)	7,099.54	254.28
		For Work In Restricted Working Space, Add	*101.72*	
		For Owner Furnished Material, Deduct	*-6,760.49*	
22 11 19 00-0345	EA	3" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs And Strainer (Watts LF009 OSY-S-FDA series)	8,040.60	286.08
		For Work In Restricted Working Space, Add	*112.84*	
		For Owner Furnished Material, Deduct	*-7,664.47*	

22 11 19 00-0346 Reduced Pressure Zone Assemblies With Quarter Turn Shut-Offs *(22 11 19 00-0333)*

Note: Includes ball type test cocks, two quarter turn (QT) resilient seated iron body ball valves, and captured spring assemblies (Watts LF009 QT-FDA series).

22 11 19 00-0347	EA	2-1/2" Flanged Reduced Pressure Zone Assembly With QT Shut-offs (Watts LF009 QT-FDA series)	7,885.67	254.28
		For Work In Restricted Working Space, Add	*101.72*	
		For Owner Furnished Material, Deduct	*-7,546.62*	
22 11 19 00-0348	EA	3" Flanged Reduced Pressure Zone Assembly With QT Shut-offs (Watts LF009 QT-FDA series)	9,127.55	286.08
		For Work In Restricted Working Space, Add	*112.84*	
		For Owner Furnished Material, Deduct	*-8,751.42*	

22 11 19 00-0349 Reduced Pressure Zone Assemblies With Non-Rising Stem Shut-Offs *(22 11 19 00-0333)*

Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated iron body gate valves, and captured spring assemblies (Watts LF909 NRS series).

22 11 19 00-0350	EA	2-1/2" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs (Watts LF909 NRS series)	10,245.62	254.28
		For Work In Restricted Working Space, Add	*101.71*	
		For Owner Furnished Material, Deduct	*-9,906.59*	
22 11 19 00-0351	EA	3" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs (Watts LF909 NRS series)	11,641.04	286.08
		For Work In Restricted Working Space, Add	*112.85*	
		For Owner Furnished Material, Deduct	*-11,264.89*	
22 11 19 00-0352	EA	4" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs (Watts LF909 NRS series)	14,647.06	423.81
		For Work In Restricted Working Space, Add	*169.43*	
		For Owner Furnished Material, Deduct	*-14,082.28*	
22 11 19 00-0353	EA	6" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs (Watts LF909 NRS series)	22,123.37	657.24
		For Work In Restricted Working Space, Add	*498.68*	
		For Owner Furnished Material, Deduct	*-20,461.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0354	EA	8" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs (Watts LF909M1 NRS series)	36,711.79	985.86
		For Work In Restricted Working Space, Add	*748.03*	
		For Owner Furnished Material, Deduct	*-34,218.37*	
22 11 19 00-0355	EA	10" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs (Watts LF909M1 NRS series)	47,441.58	1,166.06
		For Work In Restricted Working Space, Add	*636.04*	
		For Owner Furnished Material, Deduct	*-45,321.46*	

22 11 19 00-0356 Reduced Pressure Zone Assemblies With Non-Rising Stem Shut-Off And Epoxy Coated Strainer *(22 11 19 00-0333)*

Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated iron body gate valves, iron body strainer, and captured spring assemblies (Watts LF909 NRS-S-FDA series).

22 11 19 00-0357	EA	2-1/2" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs And Strainer (Watts LF909 NRS-S-FDA series)	11,044.17	254.28
		For Work In Restricted Working Space, Add	*101.71*	
		For Owner Furnished Material, Deduct	*-10,705.14*	
22 11 19 00-0358	EA	3" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs And Strainer (Watts LF909 NRS-S-FDA series)	12,481.43	286.08
		For Work In Restricted Working Space, Add	*112.84*	
		For Owner Furnished Material, Deduct	*-12,105.30*	
22 11 19 00-0359	EA	4" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs And Strainer (Watts LF909 NRS-S-FDA series)	15,935.53	423.81
		For Work In Restricted Working Space, Add	*169.42*	
		For Owner Furnished Material, Deduct	*-15,370.80*	
22 11 19 00-0360	EA	6" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs And Strainer (Watts LF909 NRS-S-FDA series)	24,073.68	657.24
		For Work In Restricted Working Space, Add	*356.18*	
		For Owner Furnished Material, Deduct	*-22,886.41*	
22 11 19 00-0361	EA	8" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs And Strainer (Watts LF909 NRS-S-FDA series)	38,993.58	985.86
		For Work In Restricted Working Space, Add	*534.27*	
		For Owner Furnished Material, Deduct	*-37,212.67*	
22 11 19 00-0362	EA	10" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs And Strainer (Watts LF909 NRS-S-FDA series)	52,939.09	1,166.06
		For Work In Restricted Working Space, Add	*636.04*	
		For Owner Furnished Material, Deduct	*-50,818.97*	

22 11 19 00-0363 Reduced Pressure Zone Assemblies With Outside Stem And Yoke Shut-Offs *(22 11 19 00-0333)*

Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, and captured spring assemblies (Watts LF909 OSY series).

22 11 19 00-0364	EA	2-1/2" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs (Watts LF909 OSY series)	10,903.06	254.28
		For Work In Restricted Working Space, Add	*101.71*	
		For Owner Furnished Material, Deduct	*-10,564.03*	
22 11 19 00-0365	EA	3" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs (Watts LF909 OSY series)	12,394.62	286.08
		For Work In Restricted Working Space, Add	*112.85*	
		For Owner Furnished Material, Deduct	*-12,018.47*	
22 11 19 00-0366	EA	4" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs (Watts LF909 OSY series)	15,583.60	423.81
		For Work In Restricted Working Space, Add	*169.43*	
		For Owner Furnished Material, Deduct	*-15,018.82*	
22 11 19 00-0367	EA	6" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs (Watts LF909 OSY series)	23,013.61	657.24
		For Work In Restricted Working Space, Add	*356.18*	
		For Owner Furnished Material, Deduct	*-21,826.34*	
22 11 19 00-0368	EA	8" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs (Watts LF909M1 OSY series)	38,281.56	985.86
		For Work In Restricted Working Space, Add	*534.27*	
		For Owner Furnished Material, Deduct	*-36,500.65*	
22 11 19 00-0369	EA	10" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs (Watts LF909M1 OSY series)	50,461.31	1,166.06
		For Work In Restricted Working Space, Add	*636.04*	
		For Owner Furnished Material, Deduct	*-48,341.19*	

22 11 19 00-0370 Double Check Detector Assemblies *(22 11 19 00-0197)*

22 11 19 00-0371 Flanged Double Check Detector Assemblies With Meter *(22 11 19 00-0370)*

22 11 19 00-0372 Double Check Detector Assembly With Outside Stem And Yoke Shut-Offs And Meter *(22 11 19 00-0371)*

Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, two epoxy coated iron body check valves, and meter (Watts 709 DCDA OSY series).

22 11 19 00-0373	EA	3" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 007 DCDA OSY series)	8,164.72	286.08
		For Work In Restricted Working Space, Add	*112.84*	
		For Owner Furnished Material, Deduct	*-7,788.59*	
22 11 19 00-0374	EA	4" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 007 DCDA OSY series)	8,534.04	423.81
		For Work In Restricted Working Space, Add	*169.42*	
		For Owner Furnished Material, Deduct	*-7,969.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0375	EA	6" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 007 DCDA OSY series)	11,535.70	657.24
		For Work In Restricted Working Space, Add	*356.18*	
		For Owner Furnished Material, Deduct	*-10,348.43*	
22 11 19 00-0376	EA	8" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 007 DCDA OSY series)	20,486.29	985.86
		For Work In Restricted Working Space, Add	*534.27*	
		For Owner Furnished Material, Deduct	*-18,705.38*	
22 11 19 00-0377	EA	10" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 007 DCDA OSY series)	27,684.06	1,166.06
		For Work In Restricted Working Space, Add	*636.04*	
		For Owner Furnished Material, Deduct	*-25,563.94*	

22 11 19 00-0378 Double Check Detector Assembly With Outside Stem And Yoke Shut-Offs And Meter *(22 11 19 00-0371)*

Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, single stainless steel housing and sleeve for two check valves, and meter (Watts 757 DCDA OSY series).

22 11 19 00-0379	EA	2-1/2" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 757 DCDA OSY series)	6,109.11	254.28
		For Work In Restricted Working Space, Add	*101.72*	
		For Owner Furnished Material, Deduct	*-5,770.06*	
22 11 19 00-0380	EA	3" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 757 DCDA OSY series)	6,522.82	286.08
		For Work In Restricted Working Space, Add	*112.84*	
		For Owner Furnished Material, Deduct	*-6,146.69*	
22 11 19 00-0381	EA	4" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 757 DCDA OSY series)	7,097.36	423.81
		For Work In Restricted Working Space, Add	*169.42*	
		For Owner Furnished Material, Deduct	*-6,532.63*	
22 11 19 00-0382	EA	6" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 757 DCDA OSY series)	9,669.82	657.24
		For Work In Restricted Working Space, Add	*356.18*	
		For Owner Furnished Material, Deduct	*-8,482.55*	
22 11 19 00-0383	EA	8" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 757 DCDA OSY series)	17,113.88	985.86
		For Work In Restricted Working Space, Add	*534.27*	
		For Owner Furnished Material, Deduct	*-15,332.97*	
22 11 19 00-0384	EA	10" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 757 DCDA OSY series)	20,180.31	1,166.06
		For Work In Restricted Working Space, Add	*636.04*	
		For Owner Furnished Material, Deduct	*-18,060.19*	

22 11 19 00-0385 Double Check Detector Assembly With Butterfly Valves And Meter *(22 11 19 00-0371)*

Note: Includes ball type test cocks, two resilient seated iron body butterfly valves, single stainless steel housing and sleeve for two check valves, and meter (Watts 757 DCDA BFG series).

22 11 19 00-0386	EA	2-1/2" Flanged Double Check Detector Assembly With Butterfly Valves And Meter (Watts 757 DCDA BFG series)	6,472.17	254.28
		For Work In Restricted Working Space, Add	*101.72*	
		For Owner Furnished Material, Deduct	*-6,133.12*	
22 11 19 00-0387	EA	3" Flanged Double Check Detector Assembly With Butterfly Valves And Meter (Watts 757 DCDA BFG series)	6,885.89	286.08
		For Work In Restricted Working Space, Add	*112.84*	
		For Owner Furnished Material, Deduct	*-6,509.76*	
22 11 19 00-0388	EA	4" Flanged Double Check Detector Assembly With Butterfly Valves And Meter (Watts 757 DCDA BFG series)	7,460.35	423.81
		For Work In Restricted Working Space, Add	*169.42*	
		For Owner Furnished Material, Deduct	*-6,895.62*	
22 11 19 00-0389	EA	6" Flanged Double Check Detector Assembly With Butterfly Valves And Meter (Watts 757 DCDA BFG series)	10,041.95	657.24
		For Work In Restricted Working Space, Add	*356.18*	
		For Owner Furnished Material, Deduct	*-8,854.68*	
22 11 19 00-0390	EA	8" Flanged Double Check Detector Assembly With Butterfly Valves And Meter (Watts 757 DCDA BFG series)	16,667.39	985.86
		For Work In Restricted Working Space, Add	*534.27*	
		For Owner Furnished Material, Deduct	*-14,886.48*	

22 11 19 00-0391 Flanged Double Check Detector Assemblies Without Meter *(22 11 19 00-0370)*

22 11 19 00-0392 Double Check Detector Assembly With Outside Stem And Yoke Shut-Offs Less Meter *(22 11 19 00-0391)*

Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, single stainless steel housing and sleeve for two check valves (Watts 757 DCDA OSY LM series).

22 11 19 00-0393	EA	2-1/2" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs Less Meter (Watts 757 DCDA OSY LM series)	5,994.47	254.28
		For Work In Restricted Working Space, Add	*101.72*	
22 11 19 00-0394	EA	3" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs Less Meter (Watts 757 DCDA OSY LM series)	6,408.23	286.08
		For Work In Restricted Working Space, Add	*112.84*	
22 11 19 00-0395	EA	4" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs Less Meter (Watts 757 DCDA OSY LM series)	6,982.77	423.81
		For Work In Restricted Working Space, Add	*169.42*	
22 11 19 00-0396	EA	6" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs Less Meter (Watts 757 DCDA OSY LM series)	9,555.23	657.24
		For Work In Restricted Working Space, Add	*356.18*	
22 11 19 00-0397	EA	8" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs Less Meter (Watts 757 DCDA OSY LM series)	16,999.37	985.86
		For Work In Restricted Working Space, Add	*534.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0398	EA	10" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs Less Meter (Watts 757 DCDA OSY LM series)	20,065.64	1,166.06
		For Work In Restricted Working Space, Add	*636.04*	
22 11 19 00-0399		**Double Check Detector Assembly With Butterfly Valves Less Meter** *(22 11 19 00-0391)*		
		Note: Includes ball type test cocks, two butterfly resilient seated iron body butterfly valves, single stainless steel housing and sleeve for two check valves (Watts 757 DCDA BFG LM series).		
22 11 19 00-0400	EA	2-1/2" Flanged Double Check Detector Assembly With Butterfly Valves Less Meter (Watts 757 DCDA BFG LM series)	6,357.51	254.28
		For Work In Restricted Working Space, Add	*101.72*	
22 11 19 00-0401	EA	3" Flanged Double Check Detector Assembly With Butterfly Valves Less Meter (Watts 757 DCDA BFG LM series)	6,771.22	286.08
		For Work In Restricted Working Space, Add	*112.84*	
22 11 19 00-0402	EA	4" Flanged Double Check Detector Assembly With Butterfly Valves Less Meter (Watts 757 DCDA BFG LM series)	7,345.76	423.81
		For Work In Restricted Working Space, Add	*169.42*	
22 11 19 00-0403	EA	6" Flanged Double Check Detector Assembly With Butterfly Valves Less Meter (Watts 757 DCDA BFG LM series)	9,927.29	657.24
		For Work In Restricted Working Space, Add	*356.18*	
22 11 19 00-0404	EA	8" Flanged Double Check Detector Assembly With Butterfly Valves Less Meter (Watts 757 DCDA BFG LM series)	17,371.50	985.86
		For Work In Restricted Working Space, Add	*534.27*	
22 11 19 00-0405		**Backflow Preventer Accessories** *(22 11 19 00-0197)*		
22 11 19 00-0406		**Air Gap** *(22 11 19 00-0405)*		
22 11 19 00-0407	EA	Up To 1" Diameter Air Gap For Backflow Preventer	134.21	14.38
22 11 19 00-0408	EA	1-1/4" To 2" Diameter Air Gap For Backflow Preventer	165.24	17.26
22 11 19 00-0409	EA	2-1/2" To 3" Diameter Air Gap For Backflow Preventer	312.12	23.01
22 11 19 00-0410	EA	4" To 6" Diameter Air Gap For Backflow Preventer	618.40	40.27
22 11 19 00-0411	EA	8" To 10" Diameter Air Gap For Backflow Preventer	652.92	57.53
22 11 19 00-0412		**Brass Test Cocks** *(22 11 19 00-0405)*		
22 11 19 00-0413	EA	1/8" Or 1/4" Brass Test Cock	54.65	5.75
22 11 19 00-0414		**Backflow Valve Enclosures** *(22 11 19 00-0197)*		
22 11 19 00-0415		**Flip-Top, Insulated Fiberglass Valve Enclosures** *(22 11 19 00-0414)*		
		Note: Dimensions listed are inside dimensions. Includes anchor kit. Excludes concrete pad.		
22 11 19 00-0416	EA	19" Length x 11" Width x 22" Height, Flip-Top, Insulated Fiberglass Valve Enclosure	1,378.19	103.55
		For Heated Enclosure, Add	*167.90*	
22 11 19 00-0417	EA	27" Length x 13" Width x 23" Height, Flip-Top, Insulated Fiberglass Valve Enclosure	1,691.38	103.55
		For Heated Enclosure, Add	*214.88*	
22 11 19 00-0418	EA	27" Length x 13" Width x 35" Height, Flip-Top, Insulated Fiberglass Valve Enclosure	2,139.32	95.36
		For Heated Enclosure, Add	*285.14*	
22 11 19 00-0419	EA	33" Length x 21" Width x 25" Height, Flip-Top, Insulated Fiberglass Valve Enclosure	2,226.95	127.15
		For Heated Enclosure, Add	*286.36*	
22 11 19 00-0420	EA	39" Length x 13" Width x 28" Height, Flip-Top, Insulated Fiberglass Valve Enclosure	2,333.16	127.15
		For Heated Enclosure, Add	*302.30*	
22 11 19 00-0421	EA	47" Length x 13" Width x 28" Height, Flip-Top, Insulated Fiberglass Valve Enclosure	2,747.12	127.15
		For Heated Enclosure, Add	*364.39*	
22 11 19 00-0422	EA	39" Length x 13" Width x 36" Height, Flip-Top, Insulated Fiberglass Valve Enclosure	2,758.01	127.15
		For Heated Enclosure, Add	*366.02*	
22 11 19 00-0423	EA	47" Length x 13" Width x 36" Height, Flip-Top, Insulated Fiberglass Valve Enclosure	3,463.36	127.15
		For Heated Enclosure, Add	*471.83*	
22 11 19 00-0424	EA	70" Length x 26" Width x 45" Height, Flip-Top, Insulated Fiberglass Valve Enclosure	7,963.36	190.71
		For Heated Enclosure, Add	*1,122.99*	
22 11 19 00-0425	EA	83" Length x 26" Width x 45" Height, Flip-Top, Insulated Fiberglass Valve Enclosure	11,522.82	190.71
		For Heated Enclosure, Add	*1,656.90*	
22 11 19 00-0426	EA	70" Length x 26" Width x 55" Height, Flip-Top, Insulated Fiberglass Valve Enclosure	10,950.91	190.71
		For Heated Enclosure, Add	*1,571.12*	
22 11 19 00-0427	EA	83" Length x 26" Width x 55" Height, Flip-Top, Insulated Fiberglass Valve Enclosure	13,184.56	222.50
		For Heated Enclosure, Add	*1,894.25*	
22 11 19 00-0428		**One-Piece Drop Over, Insulated Fiberglass Valve Enclosures** *(22 11 19 00-0414)*		
		Note: Dimensions listed are inside dimensions. Includes anchor kit. Excludes concrete pad.		
22 11 19 00-0429	EA	20" Length x 6-1/2" Width x 22" Height, One-Piece Drop Over, Insulated Fiberglass Valve Enclosure	726.87	27.61
		For Heated Enclosure, Add	*136.17*	
22 11 19 00-0430	EA	27" Length x 14" Width x 26" Height, One-Piece Drop Over, Insulated Fiberglass Valve Enclosure	1,015.55	27.61
		For Heated Enclosure, Add	*193.90*	
22 11 19 00-0431	EA	38-1/2" Length x 12" Width x 28" Height, One-Piece Drop Over, Insulated Fiberglass Valve Enclosure	1,278.79	25.43
		For Heated Enclosure, Add	*247.28*	
22 11 19 00-0432	EA	47" Length x 13" Width x 28" Height, One-Piece Drop Over, Insulated Fiberglass Valve Enclosure	1,937.85	25.43
		For Heated Enclosure, Add	*379.09*	
22 11 19 00-0433	EA	70" Length x 26" Width x 45" Height, One-Piece Drop Over, Insulated Fiberglass Valve Enclosure	5,025.13	47.68
		For Heated Enclosure, Add	*989.13*	
22 11 19 00-0434	EA	83" Length x 26" Width x 45" Height, One-Piece Drop Over, Insulated Fiberglass Valve Enclosure	6,868.86	47.68
		For Heated Enclosure, Add	*1,357.88*	
22 11 19 00-0435	EA	45" Length x 35" Width x 35" Height, One-Piece Drop Over, Insulated Fiberglass Valve Enclosure	4,567.60	47.68
		For Heated Enclosure, Add	*897.63*	
22 11 19 00-0436	EA	53" Length x 44" Width x 44" Height, One-Piece Drop Over, Insulated Fiberglass Valve Enclosure	5,172.19	47.68
		For Heated Enclosure, Add	*1,018.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0437	EA	61" Length x 52" Width x 50" Height, One-Piece Drop Over, Insulated Fiberglass Valve Enclosure	8,105.27	47.68
		For Heated Enclosure, Add	*1,605.16*	
22 11 19 00-0438		**Sectional, Insulated Aluminum Valve Enclosures** *(22 11 19 00-0414)*		
		Note: Dimensions listed are inside dimensions. Includes anchor kit. Excludes concrete pad.		
22 11 19 00-0439	EA	70" Length x 26" Width x 55" Height, Sectional, Insulated Aluminum Valve Enclosure	10,313.64	190.71
		For Heated Enclosure, Add	*1,475.53*	
		For One 24" Fluorescent Light Fixture, Add	*826.65*	
		For Two 24" Fluorescent Light Fixture, Add	*1,479.27*	
22 11 19 00-0440	EA	83" Length x 26" Width x 55" Height, Sectional, Insulated Aluminum Valve Enclosure	11,367.59	190.71
		For Heated Enclosure, Add	*1,633.62*	
		For One 24" Fluorescent Light Fixture, Add	*826.65*	
		For Two 24" Fluorescent Light Fixture, Add	*1,479.27*	
22 11 19 00-0441	EA	53" Length x 33" Width x 44" Height, Sectional, Insulated Aluminum Valve Enclosure	8,091.36	190.71
		For Heated Enclosure, Add	*1,142.19*	
		For One 24" Fluorescent Light Fixture, Add	*826.65*	
		For Two 24" Fluorescent Light Fixture, Add	*1,479.27*	
22 11 19 00-0442	EA	53" Length x 44" Width x 44" Height, Sectional, Insulated Aluminum Valve Enclosure	8,870.25	190.71
		For Heated Enclosure, Add	*1,259.02*	
		For One 24" Fluorescent Light Fixture, Add	*826.65*	
		For Two 24" Fluorescent Light Fixture, Add	*1,479.27*	
22 11 19 00-0443	EA	90" Length x 32" Width x 50-1/2" Height, Sectional, Insulated Aluminum Valve Enclosure	10,328.22	254.28
		For Heated Enclosure, Add	*1,453.88*	
		For One 24" Fluorescent Light Fixture, Add	*826.65*	
		For Two 24" Fluorescent Light Fixture, Add	*1,479.27*	
22 11 19 00-0444	EA	102" Length x 32" Width x 50-1/2" Height, Sectional, Insulated Aluminum Valve Enclosure	11,575.53	254.28
		For Heated Enclosure, Add	*1,640.97*	
		For One 24" Fluorescent Light Fixture, Add	*826.65*	
		For Two 24" Fluorescent Light Fixture, Add	*1,479.27*	
22 11 19 00-0445	EA	90" Length x 32" Width x 57-1/2" Height, Sectional, Insulated Aluminum Valve Enclosure	11,575.53	254.28
		For Heated Enclosure, Add	*1,640.97*	
		For One 24" Fluorescent Light Fixture, Add	*826.65*	
		For Two 24" Fluorescent Light Fixture, Add	*1,479.27*	
22 11 19 00-0446	EA	102" Length x 32" Width x 57-1/2" Height, Sectional, Insulated Aluminum Valve Enclosure	12,784.71	254.28
		For Heated Enclosure, Add	*1,822.35*	
		For One 24" Fluorescent Light Fixture, Add	*826.65*	
		For Two 24" Fluorescent Light Fixture, Add	*1,479.27*	
22 11 19 00-0447	EA	62" Length x 39" Width x 46" Height, Sectional, Insulated Aluminum Valve Enclosure	9,606.04	222.50
		For Heated Enclosure, Add	*1,357.47*	
		For One 24" Fluorescent Light Fixture, Add	*826.65*	
		For Two 24" Fluorescent Light Fixture, Add	*1,479.27*	
22 11 19 00-0448	EA	62" Length x 53" Width x 46" Height, Sectional, Insulated Aluminum Valve Enclosure	11,246.00	254.28
		For Heated Enclosure, Add	*1,591.54*	
		For One 24" Fluorescent Light Fixture, Add	*826.65*	
		For Two 24" Fluorescent Light Fixture, Add	*1,479.27*	
22 11 19 00-0449	EA	105" Length x 36" Width x 53" Height, Sectional, Insulated Aluminum Valve Enclosure	13,133.30	254.28
		For Heated Enclosure, Add	*1,874.64*	
		For One 24" Fluorescent Light Fixture, Add	*826.65*	
		For Two 24" Fluorescent Light Fixture, Add	*1,479.27*	
22 11 19 00-0450	EA	125" Length x 36" Width x 53" Height, Sectional, Insulated Aluminum Valve Enclosure	14,414.90	270.18
		For Heated Enclosure, Add	*2,060.92*	
		For One 24" Fluorescent Light Fixture, Add	*826.65*	
		For Two 24" Fluorescent Light Fixture, Add	*1,479.27*	
22 11 19 00-0451	EA	105" Length x 36" Width x 64" Height, Sectional, Insulated Aluminum Valve Enclosure	14,728.09	270.18
		For Heated Enclosure, Add	*2,107.90*	
		For One 24" Fluorescent Light Fixture, Add	*826.65*	
		For Two 24" Fluorescent Light Fixture, Add	*1,479.27*	
22 11 19 00-0452	EA	125" Length x 36" Width x 64" Height, Sectional, Insulated Aluminum Valve Enclosure	16,325.59	286.08
		For Heated Enclosure, Add	*2,341.56*	
		For One 24" Fluorescent Light Fixture, Add	*826.65*	
		For Two 24" Fluorescent Light Fixture, Add	*1,479.27*	
22 11 19 00-0453	EA	105" Length x 36" Width x 80" Height, Sectional, Insulated Aluminum Valve Enclosure	16,949.25	286.08
		For Heated Enclosure, Add	*2,435.11*	
		For One 24" Fluorescent Light Fixture, Add	*826.65*	
		For Two 24" Fluorescent Light Fixture, Add	*1,479.27*	
22 11 19 00-0454	EA	72" Length x 45" Width x 52" Height, Sectional, Insulated Aluminum Valve Enclosure	12,316.29	254.28
		For Heated Enclosure, Add	*1,752.09*	
		For One 24" Fluorescent Light Fixture, Add	*826.65*	
		For Two 24" Fluorescent Light Fixture, Add	*1,479.27*	
22 11 19 00-0455	EA	72" Length x 45" Width x 60" Height, Sectional, Insulated Aluminum Valve Enclosure	13,125.13	254.28
		For Heated Enclosure, Add	*1,873.41*	
		For One 24" Fluorescent Light Fixture, Add	*826.65*	
		For Two 24" Fluorescent Light Fixture, Add	*1,479.27*	
22 11 19 00-0456	EA	72" Length x 65" Width x 52" Height, Sectional, Insulated Aluminum Valve Enclosure	14,847.92	270.18
		For Heated Enclosure, Add	*2,125.87*	
		For One 24" Fluorescent Light Fixture, Add	*826.65*	
		For Two 24" Fluorescent Light Fixture, Add	*1,479.27*	
22 11 19 00-0457	EA	72" Length x 65" Width x 60" Height, Sectional, Insulated Aluminum Valve Enclosure	17,986.86	286.08
		For Heated Enclosure, Add	*2,590.75*	
		For One 24" Fluorescent Light Fixture, Add	*826.65*	
		For Two 24" Fluorescent Light Fixture, Add	*1,479.27*	
22 11 19 00-0458	EA	118" Length x 40" Width x 58" Height, Sectional, Insulated Aluminum Valve Enclosure	15,701.94	286.08
		For Heated Enclosure, Add	*2,248.01*	
		For One 24" Fluorescent Light Fixture, Add	*826.65*	
		For Two 24" Fluorescent Light Fixture, Add	*1,479.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0459	EA	142" Length x 40" Width x 58" Height, Sectional, Insulated Aluminum Valve Enclosure	18,859.94	301.96
		For Heated Enclosure, Add	*2,715.75*	
		For One 24" Fluorescent Light Fixture, Add	*826.65*	
		For Two 24" Fluorescent Light Fixture, Add	*1,479.27*	
22 11 19 00-0460	EA	118" Length x 40" Width x 74" Height, Sectional, Insulated Aluminum Valve Enclosure	18,236.29	301.96
		For Heated Enclosure, Add	*2,622.21*	
		For One 24" Fluorescent Light Fixture, Add	*826.65*	
		For Two 24" Fluorescent Light Fixture, Add	*1,479.27*	
22 11 19 00-0461	EA	142" Length x 40" Width x 74" Height, Sectional, Insulated Aluminum Valve Enclosure	21,116.50	317.86
		For Heated Enclosure, Add	*3,048.28*	
		For One 24" Fluorescent Light Fixture, Add	*826.65*	
		For Two 24" Fluorescent Light Fixture, Add	*1,479.27*	
22 11 19 00-0462	EA	142" Length x 42" Width x 65" Height, Sectional, Insulated Aluminum Valve Enclosure	19,523.32	317.86
		For Heated Enclosure, Add	*2,809.30*	
		For One 24" Fluorescent Light Fixture, Add	*826.65*	
		For Two 24" Fluorescent Light Fixture, Add	*1,479.27*	
22 11 19 00-0463	EA	172" Length x 42" Width x 65" Height, Sectional, Insulated Aluminum Valve Enclosure	22,773.93	333.75
		For Heated Enclosure, Add	*3,290.93*	
		For One 24" Fluorescent Light Fixture, Add	*826.65*	
		For Two 24" Fluorescent Light Fixture, Add	*1,479.27*	
22 11 19 00-0464	EA	142" Length x 42" Width x 85" Height, Sectional, Insulated Aluminum Valve Enclosure	22,813.66	349.65
		For Heated Enclosure, Add	*3,290.93*	
		For One 24" Fluorescent Light Fixture, Add	*826.65*	
		For Two 24" Fluorescent Light Fixture, Add	*1,479.27*	
22 11 19 00-0465	EA	172" Length x 42" Width x 85" Height, Sectional, Insulated Aluminum Valve Enclosure	27,033.78	365.53
		For Heated Enclosure, Add	*3,917.99*	
		For One 24" Fluorescent Light Fixture, Add	*826.65*	
		For Two 24" Fluorescent Light Fixture, Add	*1,479.27*	

22 11 19 00-0466 Faucets (Hose Bibbs) *(22 11 19)*

22 11 19 00-0467 Bronze Garden Hose Valves (Hose Bibbs), Screwed Ends *(22 11 19 00-0466)*

22 11 19 00-0468	EA	1/2", 125 LB Bronze Garden Hose Valves (Hose Bibbs), Screwed Ends	63.15	11.51
22 11 19 00-0469	EA	3/4", 125 LB Bronze Garden Hose Valves (Hose Bibbs), Screwed Ends	72.83	12.66
22 11 19 00-0470	EA	3/4" Screwed Ends Vacuum Breaker (Mueller 108-904NL)	18.99	8.63

22 11 19 00-0471 Antisiphon Freezeless Wall Faucet (Woodford 19CP) *(22 11 19 00-0466)*

22 11 19 00-0472	EA	4" Long, 1/2" Antisiphon Freezeless Wall Faucet	136.94	28.77
22 11 19 00-0473	EA	6" Long, 1/2" Antisiphon Freezeless Wall Faucet	148.44	31.87
22 11 19 00-0474	EA	8" Long, 1/2" Antisiphon Freezeless Wall Faucet	157.06	33.71
22 11 19 00-0475	EA	10" Long, 1/2" Antisiphon Freezeless Wall Faucet	165.68	36.13
22 11 19 00-0476	EA	12" Long, 1/2" Antisiphon Freezeless Wall Faucet	174.42	38.31

22 11 19 00-0477 Keyed, Recessed Valve Boxes *(22 11 19)*

22 11 19 00-0478	EA	8" x 8" x 4" Painted Steel, Keyed, Recessed Valve Box	352.57	34.33
22 11 19 00-0479	EA	8" x 8" x 6" Painted Steel, Keyed, Recessed Valve Box	393.14	34.33
22 11 19 00-0480	EA	8" x 8" x 8" Painted Steel, Keyed, Recessed Valve Box	453.98	34.33
22 11 19 00-0481	EA	12" x 12" x 4" Painted Steel, Keyed, Recessed Valve Box	436.31	45.78
22 11 19 00-0482	EA	12" x 12" x 6" Painted Steel, Keyed, Recessed Valve Box	497.15	45.78
22 11 19 00-0483	EA	12" x 12" x 8" Painted Steel, Keyed, Recessed Valve Box	515.40	45.78
22 11 19 00-0484	EA	8" x 8" x 4" Stainless Steel, Keyed, Recessed Valve Box	417.47	34.33
22 11 19 00-0485	EA	8" x 8" x 6" Stainless Steel, Keyed, Recessed Valve Box	506.71	34.33
22 11 19 00-0486	EA	8" x 8" x 8" Stainless Steel, Keyed, Recessed Valve Box	585.81	34.33
22 11 19 00-0487	EA	12" x 12" x 4" Stainless Steel, Keyed, Recessed Valve Box	549.88	45.78
22 11 19 00-0488	EA	12" x 12" x 6" Stainless Steel, Keyed, Recessed Valve Box	628.98	45.78
22 11 19 00-0489	EA	12" x 12" x 8" Stainless Steel, Keyed, Recessed Valve Box	659.40	45.78

22 11 23 Domestic Water Pumps *(22 11)*

22 11 23 13 Domestic Water Packaged Booster Pumps *(22 11 23)*

Note: Includes motor starter and controls.

22 11 23 13-0001 Simplex Domestic Water Packaged Booster Pumps And Tank *(22 11 23 13)*

22 11 23 13-0002	EA	1 HP Simplex Domestic Water Packaged Booster Pump And Tank	16,168.86	339.05
22 11 23 13-0003	EA	1.5 HP Simplex Domestic Water Packaged Booster Pump And Tank	16,694.14	455.60
22 11 23 13-0004	EA	2 HP Simplex Domestic Water Packaged Booster Pump And Tank	17,336.39	572.14
22 11 23 13-0005	EA	3 HP Simplex Domestic Water Packaged Booster Pump And Tank	17,920.14	688.69
22 11 23 13-0006	EA	5 HP Simplex Domestic Water Packaged Booster Pump And Tank	19,790.41	805.24
22 11 23 13-0007	EA	7.5 HP Simplex Domestic Water Packaged Booster Pump And Tank	21,953.09	921.79
22 11 23 13-0008	EA	10 HP Simplex Domestic Water Packaged Booster Pump And Tank	23,414.01	1,038.34

22 11 23 13-0009 Duplex Domestic Water Packaged Booster Pumps And Hydrocumulator *(22 11 23 13)*

22 11 23 13-0010	EA	100 GPM Duplex Domestic Water Packaged Booster Pumps And Hydrocumulator Tank	43,016.52	1,370.18
22 11 23 13-0011	EA	200 GPM Duplex Domestic Water Packaged Booster Pumps And Hydrocumulator Tank	52,028.62	1,455.81
22 11 23 13-0012	EA	300 GPM Duplex Domestic Water Packaged Booster Pumps And Hydrocumulator Tank	61,078.01	1,541.45

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 23 13-0013		Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator *(22 11 23 13)*		
22 11 23 13-0014	EA	200 GPM Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator	57,013.87	1,455.81
22 11 23 13-0015	EA	300 GPM Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator	71,287.54	1,541.45
22 11 23 13-0016	EA	500 GPM Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator	88,832.22	1,712.72
22 11 23 13-0017	EA	750 GPM Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator	112,858.46	1,883.99
22 11 23 13-0018	EA	1,000 GPM Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator	136,884.71	2,055.27
22 11 23 13-0019	EA	1,750 GPM Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator	159,559.31	2,312.17
22 11 23 13-0020	EA	2,500 GPM Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator	182,233.89	2,569.09
22 11 23 13-0021	EA	3,750 GPM Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator	204,908.48	2,825.99
22 11 23 13-0022	EA	5,000 GPM Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator	227,797.17	3,168.53
22 11 23 23		**Domestic-Water In-Line Pumps** *(22 11 23)*		
22 11 23 23-0001		Bronze In-Line Centrifugal Domestic Water Booster Pumps *(22 11 23 23)* Note: ODP motor.		
22 11 23 23-0002	EA	1/12 HP, 3/4" To 1-1/2" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G PL30B)	1,120.72	190.71
22 11 23 23-0003	EA	1/6 HP, 3/4" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G PL36B)	1,151.80	190.71
22 11 23 23-0004	EA	1/6 HP, 1" To 1-1/4" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G PL45B)	1,206.64	194.42
22 11 23 23-0005	EA	1/6 HP, 1-1/2" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G PL50B)	1,332.60	202.37
22 11 23 23-0006	EA	1/6 HP, 2" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G PL75B)	2,425.43	210.16
22 11 23 23-0007	EA	1/6 HP, 2" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G 2AB)	2,590.56	210.16
22 11 23 23-0008	EA	1/4 HP, 2-1/2" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G 2-1/2AB)	3,891.23	231.39
22 11 23 23-0009	EA	1/4 HP, 3" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G LD3 AB)	4,054.75	254.20
22 11 23 23-0010	EA	1/3 HP, 3" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G HD3 AB)	4,915.68	279.68
22 11 23 23-0011	EA	1/2 HP, 3" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G PDB35S)	5,019.04	307.80
22 11 23 23-0012	EA	3/4 HP, 3" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G PDB37S)	5,488.47	338.05
22 11 23 23-0013	EA	1 HP, 3" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G PDB38S)	7,891.78	372.02
22 11 23 23-0014	EA	1-1/2 HP, 3" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G PDB40S)	9,099.97	390.06
22 11 23 23-0015		Cast Iron In-Line Centrifugal Domestic Water Booster Pumps *(22 11 23 23)* Note: ODP motor.		
22 11 23 23-0016	EA	1/12 HP, 3/4" To 1-1/2" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PL30)	1,169.14	190.71
22 11 23 23-0017	EA	1/6 HP, 3/4" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PL36)	1,986.45	190.71
22 11 23 23-0018	EA	1/6 HP, 1" To 1-1/4" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PL45)	1,994.11	194.42
22 11 23 23-0019	EA	1/6 HP, 1-1/4" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PL45)	2,028.41	198.66
22 11 23 23-0020	EA	1/6 HP, 1-1/2" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PL50)	2,035.81	202.37
22 11 23 23-0021	EA	1/6 HP, 2" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PL75)	2,073.82	210.16
22 11 23 23-0022	EA	1/4 HP, 2-1/2" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G 2-1/2)	2,540.97	231.39
22 11 23 23-0023	EA	1/3 HP, 3" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G HD30)	3,282.80	279.68
22 11 23 23-0024	EA	1/2 HP, 3" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PD35S)	3,455.49	307.80
22 11 23 23-0025	EA	3/4 HP, 3" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PD37S)	4,038.50	338.05
22 11 23 23-0026	EA	1 HP, 3" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PD38S)	5,470.33	372.02
22 11 23 23-0027	EA	1-1/2 HP, 3" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PD40S)	6,406.18	390.06
22 11 23 23-0028	EA	2 HP, 4" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G 80, 4x4x7, BF)	5,737.00	409.70
22 11 23 23-0029	EA	3 HP, 4" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G 80, 4x4x7, BF)	6,164.73	450.35
22 11 23 23-0030	EA	5 HP, 4" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G 80, 4x4x7, BF)	6,772.75	477.62
22 11 23 23-0031	EA	7-1/2 HP, 4" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G 80, 4x4x9-1/2, BF)	8,603.57	530.69
22 11 23 23-0032	EA	10 HP, 4" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G 80, 4x4x9-1/2, BF)	9,108.12	636.94
22 11 23 23-0033	EA	15 HP, 4" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G 80, 4x4x9-1/2, BF)	11,634.89	743.29
22 12		**Facility Potable-Water Storage Tanks** *(22 10)*		
22 12 19		**Facility Ground-Mounted, Potable-Water Storage Tanks** *(22 12)*		
22 12 19 00-0001		Steel, Horizontal, Ground-Mounted Water Tanks *(22 12 19)*		
22 12 19 00-0002	EA	5,000 Gallon, Steel, Horizontal, Ground-Mounted Water Tank	45,810.07	10,988.74
22 12 19 00-0003	EA	10,000 Gallon, Steel, Horizontal, Ground-Mounted Water Tank	51,880.64	10,988.74
22 12 19 00-0004	EA	20,000 Gallon, Steel, Horizontal, Ground-Mounted Water Tank	93,272.52	16,957.96
22 12 19 00-0005	EA	35,000 Gallon, Steel, Horizontal, Ground-Mounted Water Tank	120,399.14	21,977.48
22 12 19 00-0006		Galvanized Steel, Flat Bottom, Vertical Storage Tanks *(22 12 19)*		
22 12 19 00-0007	EA	5,000 Gallon Galvanized Steel, Flat Bottom, Vertical Storage Tank	54,803.50	10,988.74
22 12 19 00-0008	EA	10,000 Gallon Galvanized Steel, Flat Bottom, Vertical Storage Tank	75,938.07	10,988.74
22 12 19 00-0009	EA	20,000 Gallon Galvanized Steel, Flat Bottom, Vertical Storage Tank	113,257.18	16,957.96
22 12 19 00-0010	EA	35,000 Gallon Galvanized Steel, Flat Bottom, Vertical Storage Tank	162,686.44	21,977.48
22 12 23		**Facility Indoor Potable-Water Storage Tanks** *(22 12)*		
22 12 23 13		**Facility Steel, Indoor Potable-Water Storage Pressure Tanks** *(22 12 23)*		
22 12 23 13-0001		Insulated Glass Lined Storage Tank (A.O. Smith TJ, TJV And TJH) *(22 12 23 13)*		
22 12 23 13-0002	EA	80 Gallon ASME Rated Tank, 150PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJ-80A)	2,673.41	423.81
22 12 23 13-0003	EA	119 Gallon 150 PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJV-120M)	3,310.89	529.76
22 12 23 13-0004	EA	140 Gallon ASME Rated Tank, 125 PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJV-140A)	6,201.93	582.74

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 12 23 13-0005	EA	200 Gallon ASME Rated Tank, 125 PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJV-200A)	6,860.65	635.71
22 12 23 13-0006	EA	250 Gallon ASME Rated Tank, 125 PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJV-250A)	13,760.30	688.69
22 12 23 13-0007	EA	350 Gallon ASME Rated Tank, 125 PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJV-350A)	11,822.65	741.67
22 12 23 13-0008	EA	400 Gallon ASME Rated Tank, 125 PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJV-400A)	20,404.93	794.64
22 12 23 13-0009	EA	500 Gallon ASME Rated Tank, 125 PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJV-500A)	18,777.25	847.62
22 12 23 13-0010	EA	750 Gallon ASME Rated Tank, 125 PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJV-750A)	20,403.32	900.60
22 12 23 13-0011	EA	1,000 Gallon ASME Rated Tank, 125 PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJV-1000A)	24,337.83	953.57
22 12 23 13-0012		**Uninsulated Glass Lined Storage Tank (A.O. Smith T)** *(22 12 23 13)*		
22 12 23 13-0013	EA	80 Gallon 150 PSI, Uninsulated, Glass Lined Water Storage Tank (T-80S)	2,273.73	423.81
22 12 23 13-0014	EA	120 Gallon 150 PSA, Uninsulated, Glass Lined Water Storage Tank (T-120S)	4,436.62	529.76
22 12 23 13-0015	EA	140 Gallon ASME Rated Tank, 125 PSI, Uninsulated, Glass Lined Water Storage Tank (T-140A)	5,566.27	582.74
22 12 23 13-0016	EA	200 Gallon 150 PSI, Uninsulated, Glass Lined Water Storage Tank (T-200S)	6,899.99	635.71
22 12 23 13-0017	EA	200 Gallon ASME Rated Tank, 125 PSI, Uninsulated, Glass Lined Water Storage Tank (T-200A)	5,837.98	635.71
22 12 23 13-0018	EA	250 Gallon ASME Rated Tank, 125 PSI, Uninsulated, Glass Lined Water Storage Tank (T-250A)	9,096.57	688.69
22 12 23 13-0019	EA	325 Gallon ASME Rated Tank, 125 PSI, Uninsulated, Glass Lined Water Storage Tank (T-325A)	9,845.80	741.67
22 12 23 13-0020	EA	350 Gallon 150 PSI, Uninsulated, Glass Lined Water Storage Tank (T-350S)	9,363.34	741.67
22 12 23 13-0021	EA	350 Gallon ASME Rated Tank, 125 PSI, Uninsulated, Glass Lined Water Storage Tank (T-350A)	8,528.78	741.67
22 12 23 13-0022	EA	400 Gallon ASME Rated Tank, 125 PSI, Uninsulated, Glass Lined Water Storage Tank (T-400A)	11,720.75	794.64
22 12 23 13-0023	EA	500 Gallon ASME Rated Tank, 125 PSI, Uninsulated, Glass Lined Water Storage Tank (T-500A)	12,718.14	847.62
22 12 23 13-0024	EA	750 Gallon ASME Rated Tank, 125 PSI, Uninsulated, Glass Lined Water Storage Tank (T-750A)	14,784.95	900.60
22 12 23 13-0025	EA	1,000 Gallon ASME Rated Tank, 125 PSI, Uninsulated, Glass Lined Water Storage Tank (T-1000A)	27,911.34	953.57
22 12 23 26		**Facility Plastic, Indoor Potable-Water Storage Non-Pressure Tanks** *(22 12 23)*		
22 12 23 26-0001		**Horizontal Non-Pressurized Polyethylene Tanks** *(22 12 23 26)* Note: Excludes excavation and backfill.		
22 12 23 26-0002	EA	100 Gallon Horizontal Non-Pressurized Polyethylene Tank	721.97	238.40
		For Saddle Assembly, Add	*808.69*	
22 12 23 26-0003	EA	150 Gallon Horizontal Non-Pressurized Polyethylene Tank	845.84	278.13
		For Saddle Assembly, Add	*808.69*	
22 12 23 26-0004	EA	200 Gallon Horizontal Non-Pressurized Polyethylene Tank	1,005.17	317.86
		For Saddle Assembly, Add	*929.22*	
22 12 23 26-0005	EA	300 Gallon Horizontal Non-Pressurized Polyethylene Tank	1,228.31	357.59
		For Saddle Assembly, Add	*1,399.53*	
22 12 23 26-0006	EA	335 Gallon Horizontal Non-Pressurized Polyethylene Tank	1,477.44	397.33
		For Two Tie Down Bands, Add	*461.89*	
22 12 23 26-0007	EA	535 Gallon Horizontal Non-Pressurized Polyethylene Tank	1,917.00	549.91
		For Two Tie Down Bands, Add	*494.97*	
22 12 23 26-0008	EA	1,035 Gallon Horizontal Non-Pressurized Polyethylene Tank	2,883.56	641.55
		For Three Tie Down Bands, Add	*848.82*	
22 12 23 26-0009	EA	1,335 Gallon Horizontal Non-Pressurized Polyethylene Tank	4,179.93	733.20
		For Three Tie Down Bands, Add	*855.91*	
22 12 23 26-0010	EA	1,635 Gallon Horizontal Non-Pressurized Polyethylene Tank	5,226.19	824.86
		For Four Tie Down Bands, Add	*1,160.12*	
22 12 23 26-0011	EA	2,035 Gallon Horizontal Non-Pressurized Polyethylene Tank	6,127.01	916.50
		For Four Tie Down Bands, Add	*1,642.24*	
22 12 23 26-0012	EA	2,635 Gallon Horizontal Non-Pressurized Polyethylene Tank	8,788.73	1,008.16
		For Four Tie Down Bands, Add	*2,171.63*	
22 12 23 26-0013	EA	3,135 Gallon Horizontal Non-Pressurized Polyethylene Tank	10,187.15	1,099.80
		For Four Tie Down Bands, Add	*2,351.25*	
22 12 23 26-0014	EA	4,035 Gallon Horizontal Non-Pressurized Polyethylene Tank	14,644.23	1,466.41
		For Four Tie Down Bands, Add	*2,663.21*	
22 12 23 26-0015	EA	5,025 Gallon Horizontal Non-Pressurized Polyethylene Tank	18,987.85	1,466.41
		For Five Tie Down Bands, Add	*4,191.63*	
22 12 23 26-0016		**Vertical Non-Pressurized Polyethylene Tanks** *(22 12 23 26)*		
22 12 23 26-0017	EA	100 Gallon Vertical Non-Pressurized Polyethylene Tank	780.65	317.86
22 12 23 26-0018	EA	160 Gallon Vertical Non-Pressurized Polyethylene Tank	946.58	337.73
22 12 23 26-0019	EA	210 Gallon Vertical Non-Pressurized Polyethylene Tank	1,041.61	357.59
22 12 23 26-0020	EA	300 Gallon Vertical Non-Pressurized Polyethylene Tank	1,267.10	397.33
22 12 23 26-0021	EA	405 Gallon Vertical Non-Pressurized Polyethylene Tank	1,441.59	476.79
22 12 23 26-0022	EA	500 Gallon Vertical Non-Pressurized Polyethylene Tank	1,703.53	556.25
22 12 23 26-0023	EA	800 Gallon Vertical Non-Pressurized Polyethylene Tank	2,405.05	733.20
22 12 23 26-0024	EA	1,000 Gallon Vertical Non-Pressurized Polyethylene Tank	3,117.39	916.50
22 12 23 26-0025	EA	2,000 Gallon Vertical Non-Pressurized Polyethylene Tank	4,203.15	1,099.80
22 12 23 26-0026	EA	3,000 Gallon Vertical Non-Pressurized Polyethylene Tank	5,511.05	1,283.11
22 12 23 26-0027	EA	4,000 Gallon Vertical Non-Pressurized Polyethylene Tank	8,149.53	1,466.41
22 12 23 26-0028	EA	5,000 Gallon Vertical Non-Pressurized Polyethylene Tank	11,066.88	1,649.71
22 12 23 26-0029	EA	6,250 Gallon Vertical Non-Pressurized Polyethylene Tank	12,549.67	1,833.01
22 12 23 26-0030	EA	7,000 Gallon Vertical Non-Pressurized Polyethylene Tank	13,829.23	2,016.30
22 12 23 26-0031	EA	8,000 Gallon Vertical Non-Pressurized Polyethylene Tank	15,945.40	2,199.61
22 12 23 26-0032	EA	9,150 Gallon Vertical Non-Pressurized Polyethylene Tank	18,021.40	2,382.91

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 12 23 26-0033	EA	10,500 Gallon Vertical Non-Pressurized Polyethylene Tank	22,342.58	2,566.21
22 12 23 26-0034	EA	12,500 Gallon Vertical Non-Pressurized Polyethylene Tank	26,896.33	2,932.82

22 13 Facility Sanitary Sewerage *(22 10)*

22 13 13 Facility Sanitary Sewers *(22 13)*

22 13 13 00-0001 Fixture Rough-In *(22 13 13)*

Note: Excludes fixture. Not for use when individual component details are available, on remodeling work where partial pipe and fittings are installed or on residential projects. For use on commercial restrooms with multiple toilets, urinals and lavatories. Includes waste and vent pipe and fittings and domestic water supply pipe and fittings. Waste piping is included from fixture outlet tee to floor, vent piping is included from outlet tee within the wall to the ceiling and domestic water supply from ceiling to fixture and stub out with caps. Based on vertical floor to floor of 12'. Use detailed tasks (i.e. individual pipe and fittings, insulation, hangers, etc.) instead of rough-in assembly where possible. See CSI section 22 07 19 00-0000 for insulation, 22 11 16 00-0383 for copper pipe and fittings, 22 13 16 00-0000 for PVC or cast iron sanitary waste and vent pipe and fittings, 23 05 29 00-0000 for hangers.

22 13 13 00-0002 Single Fixture Rough-In, Cast Iron Waste And Vent Pipe *(22 13 13 00-0001)*

Note: Single fixtures have one fixture to one pipe riser. Includes cast iron waste and vent pipe and fittings and copper domestic water supply pipe and fittings.

22 13 13 00-0003	EA	Floor Mounted Water Closet, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and flush valve.	1,186.63
22 13 13 00-0004	EA	Wall Mounted Water Closet, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.	1,644.05
22 13 13 00-0005	EA	Tank Type Floor Mounted Water Closet, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture.	1,067.60
22 13 13 00-0006	EA	Wall Mounted Urinal, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.	705.31
22 13 13 00-0007	EA	Wall Mounted Lavatory, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.	832.49
22 13 13 00-0008	EA	Countertop Kitchen Sink, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	1,043.88
22 13 13 00-0009	EA	Bathtub, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	1,125.71
22 13 13 00-0010	EA	Free Standing Water Cooler, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture.	677.66
22 13 13 00-0011	EA	Floor Mounted Service Sink, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	1,067.60
22 13 13 00-0012	EA	Wall Mounted Service Sink, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.	1,088.41
22 13 13 00-0013	EA	Shower, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, shower head and faucet.	1,035.41
22 13 13 00-0014	EA	Bidet, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	1,186.63
22 13 13 00-0015	EA	Floor Mounted Circular Wash Fountain, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture.	1,866.37
22 13 13 00-0016	EA	Bathtub/Shower, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, shower head and faucet.	1,152.23

22 13 13 00-0017 Double Fixture Rough-In, Cast Iron Waste And Vent Pipe *(22 13 13 00-0001)*

Note: Double fixtures have two "back-to-back" waste connections to one riser. Includes cast iron waste and vent pipe and fittings and copper domestic water supply pipe and fittings.

22 13 13 00-0018	EA	Floor Mounted Water Closet, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and flush valve.	1,569.59
22 13 13 00-0019	EA	Wall Mounted Water Closet, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.	2,203.15
22 13 13 00-0020	EA	Tank Type Floor Mounted Water Closet, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture.	1,353.02
22 13 13 00-0021	EA	Wall Mounted Urinal, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.	858.43
22 13 13 00-0022	EA	Wall Mounted Lavatory, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.	1,127.40
22 13 13 00-0023	EA	Countertop Kitchen Sink, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	1,198.83
22 13 13 00-0024	EA	Free Standing Water Cooler, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture.	805.91
22 13 13 00-0025	EA	Floor Mounted Service Sink, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	1,363.60
22 13 13 00-0026	EA	Wall Mounted Service Sink, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.	1,155.12
22 13 13 00-0027	EA	Shower, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, shower heads and faucets.	1,128.66
22 13 13 00-0028	EA	Bidet, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucets.	1,569.59

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 13 00-0029		**Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe** *(22 13 13 00-0001)* Note: Gang fixtures include multiple fixtures to one pipe riser. Includes cast iron waste and vent pipe and fittings and copper domestic water supply pipe and fittings.		
22 13 13 00-0030	EA	Floor Mounted Water Closet, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and flush valve.	784.31	
22 13 13 00-0031	EA	Wall Mounted Water Closet, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste pipe and vent and copper domestic supply. Excludes fixture, carrier and flush valve.	1,101.57	
22 13 13 00-0032	EA	Tank Type Floor Mounted Water Closet, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste pipe and vent and copper domestic supply. Excludes fixture.	677.03	
22 13 13 00-0033	EA	Wall Mounted Urinal, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste pipe and vent and copper domestic supply. Excludes fixture, carrier and flush valve.	429.75	
22 13 13 00-0034	EA	Wall Mounted Lavatory, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.	563.72	
22 13 13 00-0035	EA	Countertop Kitchen Sink, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	599.40	
22 13 13 00-0036	EA	Free Standing Water Cooler, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture.	429.44	
22 13 13 00-0037	EA	Rough-in Service Sink, Floor Mounted, Gang Mounted Fixture Including Cast Iron Waste Pipe And Vent And Copper Domestic Supply, Not Including Fixture Or Faucet Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	681.28	
22 13 13 00-0038	EA	Wall Mounted Service Sink, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.	577.55	
22 13 13 00-0039	EA	Shower, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, shower heads and faucets.	564.83	
22 13 13 00-0040	EA	Bidet, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	776.87	
22 13 13 00-0041		**Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe** *(22 13 13 00-0001)* Note: Single fixtures have one fixture to one pipe riser. Includes PVC waste and vent pipe and fittings and copper domestic water supply pipe and fittings.		
22 13 13 00-0042	EA	Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe, Floor Mounted, Water Closet Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and flush valve.	686.69	
22 13 13 00-0043	EA	Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe, Wall Mounted, Water Closet Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.	820.04	
22 13 13 00-0044	EA	Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe, Tank Type, Floor Mounted, Water Closet Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture.	640.95	
22 13 13 00-0045	EA	Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe, Wall Mounted, Urinal Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.	397.89	
22 13 13 00-0046	EA	Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe, Wall Mounted, Lavatory Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.	467.44	
22 13 13 00-0047	EA	Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe, Countertop, Kitchen Sink Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	618.84	
22 13 13 00-0048	EA	Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe, Bathtub Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	639.77	
22 13 13 00-0049	EA	Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe, Free Standing, Water Cooler Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture.	389.92	
22 13 13 00-0050	EA	Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe, Floor Mounted, Service Sink Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	640.95	
22 13 13 00-0051	EA	Wall Mounted Service Sink, Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.	672.42	
22 13 13 00-0052	EA	Shower, Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, shower head and faucet.	625.95	
22 13 13 00-0053	EA	Bidet, Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	686.56	
22 13 13 00-0054	EA	Floor Mounted Circular Wash Fountain, Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture.	1,066.64	
22 13 13 00-0055	EA	Bathtub/Shower, Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, shower head and faucet.	662.94	
22 13 13 00-0056		**Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe** *(22 13 13 00-0001)* Note: Double fixtures have two "back-to-back" waste connections to one riser. Includes PVC waste and vent pipe and fittings and copper domestic water supply pipe and fittings.		
22 13 13 00-0057	EA	Floor Mounted Water Closet, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and flush valve.	859.31	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 13 00-0058	EA	Wall Mounted Water Closet, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.	1,078.43	
22 13 13 00-0059	EA	Tank Type Floor Mounted Water Closet, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixtures.	744.93	
22 13 13 00-0060	EA	Wall Mounted Urinal, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.	456.55	
22 13 13 00-0061	EA	Wall Mounted Lavatory, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixtures, carrier and faucets.	645.52	
22 13 13 00-0062	EA	Countertop Kitchen Sink, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixtures and faucets.	678.19	
22 13 13 00-0063	EA	Free Standing Water Cooler, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixtures.	439.05	
22 13 13 00-0064	EA	Floor Mounted Service Sink, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	754.35	
22 13 13 00-0065	EA	Wall Mounted Service Sink, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.	697.98	
22 13 13 00-0066	EA	Shower, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, shower head and faucet.	674.33	
22 13 13 00-0067	EA	Bidet, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	859.31	
22 13 13 00-0068		Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe *(22 13 13 00-0001)* Note: Gang fixtures include multiple fixtures to one pipe riser. Includes PVC waste and vent pipe and fittings and copper domestic water supply pipe and fittings.		
22 13 13 00-0069	EA	Floor Mounted Water Closet, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and flush valve.	429.22	
22 13 13 00-0070	EA	Wall Mounted Water Closet, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.	538.70	
22 13 13 00-0071	EA	Tank Type Floor Mounted Water Closet, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture.	372.77	
22 13 13 00-0072	EA	Wall Mounted Urinal, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.	228.33	
22 13 13 00-0073	EA	Wall Mounted Lavatory, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.	322.73	
22 13 13 00-0074	EA	Countertop Kitchen Sink, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	338.84	
22 13 13 00-0075	EA	Free Standing Water Cooler, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture.	219.51	
22 13 13 00-0076	EA	Floor Mounted Service Sink, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	377.08	
22 13 13 00-0077	EA	Wall Mounted Service Sink, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.	349.02	
22 13 13 00-0078	EA	Shower, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, shower head and faucet.	337.62	
22 13 13 00-0079	EA	Bidet, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	422.20	

22 13 16 Sanitary Waste and Vent Piping *(22 13)*

22 13 16 00-0001 Cast Iron Soil Pipe Assemblies *(22 13 16)*

22 13 16 00-0002 Underground Bell And Spigot Cast Iron Soil Pipe Assemblies *(22 13 16 00-0001)*

Note: Includes fittings and gaskets. Fittings are assumed every 10'. Excludes excavation, backfill and compaction. Not for use where detail is available.

22 13 16 00-0003	LF	2" Underground Bell And Spigot Cast Iron Soil Pipe Assembly Note: Includes all fittings and gaskets. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available.	38.51	6.68
		For Work In Restricted Working Space, Add	*4.90*	
22 13 16 00-0004	LF	3" Underground Bell And Spigot Cast Iron Soil Pipe Assembly Note: Includes all fittings and gaskets. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available.	55.37	10.06
		For Work In Restricted Working Space, Add	*6.64*	
22 13 16 00-0005	LF	4" Underground Bell And Spigot Cast Iron Soil Pipe Assembly Note: Includes all fittings and gaskets. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available.	71.92	12.82
		For Work In Restricted Working Space, Add	*8.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0006	LF	5" Underground Bell And Spigot Cast Iron Soil Pipe Assembly Note: Includes all fittings and gaskets. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available.	87.01	16.54
		For Work In Restricted Working Space, Add	*9.31*	
22 13 16 00-0007	LF	6" Underground Bell And Spigot Cast Iron Soil Pipe Assembly Note: Includes all fittings and gaskets. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available.	102.63	18.02
		For Work In Restricted Working Space, Add	*10.34*	
22 13 16 00-0008	LF	8" Underground Bell And Spigot Cast Iron Soil Pipe Assembly Note: Includes all fittings and gaskets. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available.	163.91	25.46
		For Work In Restricted Working Space, Add	*14.42*	
22 13 16 00-0009	LF	10" Underground Bell And Spigot Cast Iron Soil Pipe Assembly Note: Includes all fittings and gaskets. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available.	244.45	25.46
		For Work In Restricted Working Space, Add	*16.32*	
22 13 16 00-0010		**Aboveground No Hub Cast Iron Soil Pipe Assemblies** *(22 13 16 00-0001)* Note: Includes fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.		
22 13 16 00-0011	LF	1-1/2" Aboveground No Hub Cast Iron Soil Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	34.36	6.36
		For Work In Restricted Working Space, Add	*5.58*	
22 13 16 00-0012	LF	2" Aboveground No Hub Cast Iron Soil Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	36.32	6.78
		For Work In Restricted Working Space, Add	*6.00*	
22 13 16 00-0013	LF	3" Aboveground No Hub Cast Iron Soil Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	46.80	9.85
		For Work In Restricted Working Space, Add	*7.36*	
22 13 16 00-0014	LF	4" Aboveground No Hub Cast Iron Soil Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	55.87	12.82
		For Work In Restricted Working Space, Add	*8.80*	
22 13 16 00-0015	LF	5" Aboveground No Hub Cast Iron Soil Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	75.33	16.22
		For Work In Restricted Working Space, Add	*11.01*	
22 13 16 00-0016	LF	6" Aboveground No Hub Cast Iron Soil Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	85.84	17.70
		For Work In Restricted Working Space, Add	*12.00*	
22 13 16 00-0017	LF	8" Aboveground No Hub Cast Iron Soil Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	135.50	25.25
		For Work In Restricted Working Space, Add	*16.43*	
22 13 16 00-0018	LF	10" Aboveground No Hub Cast Iron Soil Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 20'. Not for use where detail is available.	194.32	28.69
		For Work In Restricted Working Space, Add	*19.10*	
22 13 16 00-0019		**Bell And Spigot Cast Iron Soil Pipe And Fittings** *(22 13 16)* Note: Service weight. ASTM A74 and CISPI 301 (Fitting Requirements).		
22 13 16 00-0020		**Bell And Spigot Cast Iron Pipe** *(22 13 16 00-0019)* Note: Excludes excavation, hangers, gaskets, and fittings.		
22 13 16 00-0021	LF	2" Bell And Spigot Cast Iron Pipe	27.86	6.68
		For Extra Heavy Pipe, Add	*7.46*	
		For Above Ground Cast Iron Pipe Installation, Add	*0.50*	
		For Work In Restricted Working Space, Add	*3.03*	
22 13 16 00-0022	LF	3" Bell And Spigot Cast Iron Pipe	40.60	10.06
		For Extra Heavy Pipe, Add	*10.70*	
		For Above Ground Cast Iron Pipe Installation, Add	*0.76*	
		For Work In Restricted Working Space, Add	*4.54*	
22 13 16 00-0023	LF	4" Bell And Spigot Cast Iron Pipe	52.37	12.82
		For Extra Heavy Pipe, Add	*13.91*	
		For Above Ground Cast Iron Pipe Installation, Add	*0.96*	
		For Work In Restricted Working Space, Add	*5.78*	
22 13 16 00-0024	LF	5" Bell And Spigot Cast Iron Pipe	71.47	16.54
		For Extra Heavy Pipe, Add	*19.63*	
		For Above Ground Cast Iron Pipe Installation, Add	*1.24*	
		For Work In Restricted Working Space, Add	*7.42*	
22 13 16 00-0025	LF	6" Bell And Spigot Cast Iron Pipe	83.89	18.02
		For Extra Heavy Pipe, Add	*23.90*	
		For Above Ground Cast Iron Pipe Installation, Add	*1.35*	
		For Work In Restricted Working Space, Add	*8.09*	
22 13 16 00-0026	LF	8" Bell And Spigot Cast Iron Pipe	126.71	25.46
		For Extra Heavy Pipe, Add	*37.17*	
		For Above Ground Cast Iron Pipe Installation, Add	*1.91*	
		For Work In Restricted Working Space, Add	*11.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0027	LF	10" Bell And Spigot Cast Iron Pipe	190.34	28.69
		For Extra Heavy Pipe, Add	*61.89*	
		For Above Ground Cast Iron Pipe Installation, Add	*2.15*	
		For Work In Restricted Working Space, Add	*12.89*	
22 13 16 00-0028	LF	12" Bell And Spigot Cast Iron Pipe	271.37	38.25
		For Extra Heavy Pipe, Add	*89.91*	
		For Above Ground Cast Iron Pipe Installation, Add	*2.87*	
		For Work In Restricted Working Space, Add	*17.19*	
22 13 16 00-0029	LF	15" Bell And Spigot Cast Iron Pipe	381.64	45.88
		For Extra Heavy Pipe, Add	*131.40*	
		For Above Ground Cast Iron Pipe Installation, Add	*3.44*	
		For Work In Restricted Working Space, Add	*20.63*	
22 13 16 00-0030		**Bell And Spigot Cast Iron Fittings** *(22 13 16 00-0019)*		
22 13 16 00-0031		**Bell And Spigot Cast Iron Long Sweeps** *(22 13 16 00-0030)*		
22 13 16 00-0032	EA	2" Bell And Spigot Cast Iron Long Sweep	111.18	30.40
		For Extra Heavy Fittings, Add	*22.96*	
		For Above Ground Cast Iron Pipe Installation, Add	*2.28*	
		For Work In Restricted Working Space, Add	*13.67*	
22 13 16 00-0033	EA	3" Bell And Spigot Cast Iron Long Sweep	190.39	38.25
		For Extra Heavy Fittings, Add	*46.59*	
		For Above Ground Cast Iron Pipe Installation, Add	*2.86*	
		For Work In Restricted Working Space, Add	*17.18*	
22 13 16 00-0034	EA	4" Bell And Spigot Cast Iron Long Sweep	253.66	50.85
		For Extra Heavy Fittings, Add	*62.10*	
		For Above Ground Cast Iron Pipe Installation, Add	*3.81*	
		For Work In Restricted Working Space, Add	*22.87*	
22 13 16 00-0035	EA	6" Bell And Spigot Cast Iron Long Sweep	403.62	69.96
		For Extra Heavy Fittings, Add	*104.56*	
		For Above Ground Cast Iron Pipe Installation, Add	*5.24*	
		For Work In Restricted Working Space, Add	*31.46*	
22 13 16 00-0036	EA	8" Bell And Spigot Cast Iron Long Sweep	800.63	89.62
		For Extra Heavy Fittings, Add	*233.21*	
		For Above Ground Cast Iron Pipe Installation, Add	*6.72*	
		For Work In Restricted Working Space, Add	*40.29*	
22 13 16 00-0037	EA	10" Bell And Spigot Cast Iron Long Sweep	1,095.97	110.24
		For Extra Heavy Fittings, Add	*325.73*	
		For Above Ground Cast Iron Pipe Installation, Add	*8.27*	
		For Work In Restricted Working Space, Add	*49.59*	
22 13 16 00-0038	EA	12" Bell And Spigot Cast Iron Long Sweep	1,681.69	153.88
		For Extra Heavy Fittings, Add	*507.84*	
		For Above Ground Cast Iron Pipe Installation, Add	*11.54*	
		For Work In Restricted Working Space, Add	*69.21*	
22 13 16 00-0039	EA	15" Bell And Spigot Cast Iron Long Sweep	3,127.58	214.27
		For Extra Heavy Fittings, Add	*982.22*	
		For Above Ground Cast Iron Pipe Installation, Add	*16.06*	
		For Work In Restricted Working Space, Add	*96.37*	
22 13 16 00-0040		**Bell And Spigot Cast Iron Short Sweeps** *(22 13 16 00-0030)*		
22 13 16 00-0041	EA	2" Bell And Spigot Cast Iron Short Sweep	93.86	30.40
		For Extra Heavy Fittings, Add	*16.90*	
		For Above Ground Cast Iron Pipe Installation, Add	*2.28*	
		For Work In Restricted Working Space, Add	*13.67*	
22 13 16 00-0042	EA	3" Bell And Spigot Cast Iron Short Sweep	161.32	38.25
		For Extra Heavy Fittings, Add	*36.42*	
		For Above Ground Cast Iron Pipe Installation, Add	*2.86*	
		For Work In Restricted Working Space, Add	*17.18*	
22 13 16 00-0043	EA	4" Bell And Spigot Cast Iron Short Sweep	220.97	50.85
		For Extra Heavy Fittings, Add	*50.66*	
		For Above Ground Cast Iron Pipe Installation, Add	*3.81*	
		For Work In Restricted Working Space, Add	*22.87*	
22 13 16 00-0044	EA	5" Bell And Spigot Cast Iron Short Sweep	339.41	59.47
		For Extra Heavy Fittings, Add	*87.60*	
		For Above Ground Cast Iron Pipe Installation, Add	*4.46*	
		For Work In Restricted Working Space, Add	*26.74*	
22 13 16 00-0045	EA	6" Bell And Spigot Cast Iron Short Sweep	409.85	69.96
		For Extra Heavy Fittings, Add	*106.74*	
		For Above Ground Cast Iron Pipe Installation, Add	*5.24*	
		For Work In Restricted Working Space, Add	*31.46*	
22 13 16 00-0046	EA	8" Bell And Spigot Cast Iron Short Sweep	675.34	89.62
		For Extra Heavy Fittings, Add	*189.36*	
		For Above Ground Cast Iron Pipe Installation, Add	*6.72*	
		For Work In Restricted Working Space, Add	*40.29*	
22 13 16 00-0047	EA	10" Bell And Spigot Cast Iron Short Sweep	989.07	110.24
		For Extra Heavy Fittings, Add	*288.32*	
		For Above Ground Cast Iron Pipe Installation, Add	*8.27*	
		For Work In Restricted Working Space, Add	*49.59*	
22 13 16 00-0048	EA	12" Bell And Spigot Cast Iron Short Sweep	1,641.83	153.88
		For Extra Heavy Fittings, Add	*493.89*	
		For Above Ground Cast Iron Pipe Installation, Add	*11.54*	
		For Work In Restricted Working Space, Add	*69.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0049		**Bell And Spigot Cast Iron 1/4 Bends** *(22 13 16 00-0030)*		
22 13 16 00-0050	EA	2" Bell And Spigot Cast Iron 1/4 Bend	84.04	30.30
		For Extra Heavy Fittings, Add	*13.50*	
		For Above Ground Cast Iron Pipe Installation, Add	*2.27*	
		For Work In Restricted Working Space, Add	*13.64*	
22 13 16 00-0051	EA	3" Bell And Spigot Cast Iron 1/4 Bend	128.25	34.12
		For Extra Heavy Fittings, Add	*26.97*	
		For Above Ground Cast Iron Pipe Installation, Add	*2.56*	
		For Work In Restricted Working Space, Add	*15.36*	
22 13 16 00-0052	EA	4" Bell And Spigot Cast Iron 1/4 Bend	183.81	45.45
		For Extra Heavy Fittings, Add	*40.49*	
		For Above Ground Cast Iron Pipe Installation, Add	*3.41*	
		For Work In Restricted Working Space, Add	*20.44*	
22 13 16 00-0053	EA	5" Bell And Spigot Cast Iron 1/4 Bend	234.94	53.11
		For Extra Heavy Fittings, Add	*54.38*	
		For Above Ground Cast Iron Pipe Installation, Add	*3.98*	
		For Work In Restricted Working Space, Add	*23.87*	
22 13 16 00-0054	EA	6" Bell And Spigot Cast Iron 1/4 Bend	282.59	63.60
		For Extra Heavy Fittings, Add	*65.51*	
		For Above Ground Cast Iron Pipe Installation, Add	*4.77*	
		For Work In Restricted Working Space, Add	*28.63*	
22 13 16 00-0055	EA	8" Bell And Spigot Cast Iron 1/4 Bend	588.13	82.52
		For Extra Heavy Fittings, Add	*162.55*	
		For Above Ground Cast Iron Pipe Installation, Add	*6.18*	
		For Work In Restricted Working Space, Add	*37.11*	
22 13 16 00-0056	EA	10" Bell And Spigot Cast Iron 1/4 Bend	868.71	100.14
		For Extra Heavy Fittings, Add	*251.50*	
		For Above Ground Cast Iron Pipe Installation, Add	*7.51*	
		For Work In Restricted Working Space, Add	*45.04*	
22 13 16 00-0057	EA	12" Bell And Spigot Cast Iron 1/4 Bend	1,146.17	118.20
		For Extra Heavy Fittings, Add	*339.12*	
		For Above Ground Cast Iron Pipe Installation, Add	*8.86*	
		For Work In Restricted Working Space, Add	*53.18*	
22 13 16 00-0058	EA	15" Bell And Spigot Cast Iron 1/4 Bend	2,936.20	186.44
		For Extra Heavy Fittings, Add	*929.86*	
		For Above Ground Cast Iron Pipe Installation, Add	*13.97*	
		For Work In Restricted Working Space, Add	*83.84*	
22 13 16 00-0059		**Bell And Spigot Cast Iron 1/8 Bends** *(22 13 16 00-0030)*		
22 13 16 00-0060	EA	2" Bell And Spigot Cast Iron 1/8 Bend	76.36	30.40
		For Extra Heavy Fittings, Add	*10.78*	
		For Above Ground Cast Iron Pipe Installation, Add	*2.28*	
		For Work In Restricted Working Space, Add	*13.67*	
22 13 16 00-0061	EA	3" Bell And Spigot Cast Iron 1/8 Bend	120.81	38.25
		For Extra Heavy Fittings, Add	*22.24*	
		For Above Ground Cast Iron Pipe Installation, Add	*2.86*	
		For Work In Restricted Working Space, Add	*17.18*	
22 13 16 00-0062	EA	4" Bell And Spigot Cast Iron 1/8 Bend	172.62	50.85
		For Extra Heavy Fittings, Add	*33.74*	
		For Above Ground Cast Iron Pipe Installation, Add	*3.81*	
		For Work In Restricted Working Space, Add	*22.87*	
22 13 16 00-0063	EA	5" Bell And Spigot Cast Iron 1/8 Bend	221.15	66.47
		For Extra Heavy Fittings, Add	*42.54*	
		For Above Ground Cast Iron Pipe Installation, Add	*4.98*	
		For Work In Restricted Working Space, Add	*29.88*	
22 13 16 00-0064	EA	6" Bell And Spigot Cast Iron 1/8 Bend	255.90	74.10
		For Extra Heavy Fittings, Add	*50.66*	
		For Above Ground Cast Iron Pipe Installation, Add	*5.56*	
		For Work In Restricted Working Space, Add	*33.35*	
22 13 16 00-0065	EA	8" Bell And Spigot Cast Iron 1/8 Bend	510.39	98.85
		For Extra Heavy Fittings, Add	*126.76*	
		For Above Ground Cast Iron Pipe Installation, Add	*7.41*	
		For Work In Restricted Working Space, Add	*44.47*	
22 13 16 00-0066	EA	10" Bell And Spigot Cast Iron 1/8 Bend	714.85	121.96
		For Extra Heavy Fittings, Add	*186.18*	
		For Above Ground Cast Iron Pipe Installation, Add	*9.15*	
		For Work In Restricted Working Space, Add	*54.87*	
22 13 16 00-0067	EA	12" Bell And Spigot Cast Iron 1/8 Bend	1,157.54	158.17
		For Extra Heavy Fittings, Add	*322.16*	
		For Above Ground Cast Iron Pipe Installation, Add	*11.85*	
		For Work In Restricted Working Space, Add	*71.12*	
22 13 16 00-0068	EA	15" Bell And Spigot Cast Iron 1/8 Bend	2,225.57	186.44
		For Extra Heavy Fittings, Add	*681.14*	
		For Above Ground Cast Iron Pipe Installation, Add	*13.97*	
		For Work In Restricted Working Space, Add	*83.84*	
22 13 16 00-0069		**Bell And Spigot Cast Iron Wyes** *(22 13 16 00-0030)*		
22 13 16 00-0070	EA	2" Bell And Spigot Cast Iron Wye	131.50	67.92
		For Extra Heavy Fittings, Add	*10.37*	
		For Above Ground Cast Iron Pipe Installation, Add	*5.09*	
		For Work In Restricted Working Space, Add	*30.56*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0071	EA	3" Bell And Spigot Cast Iron Wye	167.01	74.38
		For Extra Heavy Fittings, Add	*19.42*	
		For Above Ground Cast Iron Pipe Installation, Add	*5.58*	
		For Work In Restricted Working Space, Add	*33.46*	
22 13 16 00-0072	EA	4" Bell And Spigot Cast Iron Wye	219.94	97.48
		For Extra Heavy Fittings, Add	*25.84*	
		For Above Ground Cast Iron Pipe Installation, Add	*7.31*	
		For Work In Restricted Working Space, Add	*43.83*	
22 13 16 00-0073	EA	5" Bell And Spigot Cast Iron Wye	294.56	114.38
		For Extra Heavy Fittings, Add	*43.06*	
		For Above Ground Cast Iron Pipe Installation, Add	*8.58*	
		For Work In Restricted Working Space, Add	*51.46*	
22 13 16 00-0074	EA	6" Bell And Spigot Cast Iron Wye	369.99	135.58
		For Extra Heavy Fittings, Add	*58.34*	
		For Above Ground Cast Iron Pipe Installation, Add	*10.17*	
		For Work In Restricted Working Space, Add	*60.99*	
22 13 16 00-0075	EA	8" Bell And Spigot Cast Iron Wye	679.42	180.52
		For Extra Heavy Fittings, Add	*143.06*	
		For Above Ground Cast Iron Pipe Installation, Add	*13.53*	
		For Work In Restricted Working Space, Add	*81.20*	
22 13 16 00-0076	EA	10" Bell And Spigot Cast Iron Wye	955.79	204.81
		For Extra Heavy Fittings, Add	*227.07*	
		For Above Ground Cast Iron Pipe Installation, Add	*15.35*	
		For Work In Restricted Working Space, Add	*92.10*	
22 13 16 00-0077	EA	12" Bell And Spigot Cast Iron Wye	1,417.49	249.30
		For Extra Heavy Fittings, Add	*365.31*	
		For Above Ground Cast Iron Pipe Installation, Add	*18.69*	
		For Work In Restricted Working Space, Add	*112.13*	
22 13 16 00-0078	EA	15" Bell And Spigot Cast Iron Wye	2,206.56	279.71
		For Extra Heavy Fittings, Add	*625.53*	
		For Above Ground Cast Iron Pipe Installation, Add	*20.97*	
		For Work In Restricted Working Space, Add	*125.80*	

22 13 16 00-0079 Bell And Spigot Cast Iron Reducing Wyes *(22 13 16 00-0030)*

22 13 16 00-0080	EA	3" x 2" Bell And Spigot Cast Iron Reducing Wye	212.99	70.99
		For Extra Heavy Fittings, Add	*37.29*	
		For Above Ground Cast Iron Pipe Installation, Add	*5.32*	
		For Work In Restricted Working Space, Add	*31.94*	
22 13 16 00-0081	EA	4" x 2" Bell And Spigot Cast Iron Reducing Wye	259.06	87.73
		For Extra Heavy Fittings, Add	*44.61*	
		For Above Ground Cast Iron Pipe Installation, Add	*6.58*	
		For Work In Restricted Working Space, Add	*39.48*	
22 13 16 00-0082	EA	4" x 3" Bell And Spigot Cast Iron Reducing Wye	290.11	89.95
		For Extra Heavy Fittings, Add	*54.31*	
		For Above Ground Cast Iron Pipe Installation, Add	*6.75*	
		For Work In Restricted Working Space, Add	*40.48*	
22 13 16 00-0083	EA	6" x 2" Bell And Spigot Cast Iron Reducing Wye	440.68	121.48
		For Extra Heavy Fittings, Add	*90.52*	
		For Above Ground Cast Iron Pipe Installation, Add	*9.10*	
		For Work In Restricted Working Space, Add	*54.62*	
22 13 16 00-0084	EA	6" x 3" Bell And Spigot Cast Iron Reducing Wye	452.14	123.71
		For Extra Heavy Fittings, Add	*93.32*	
		For Above Ground Cast Iron Pipe Installation, Add	*9.28*	
		For Work In Restricted Working Space, Add	*55.65*	
22 13 16 00-0085	EA	6" x 4" Bell And Spigot Cast Iron Reducing Wye	473.13	131.98
		For Extra Heavy Fittings, Add	*96.34*	
		For Above Ground Cast Iron Pipe Installation, Add	*9.89*	
		For Work In Restricted Working Space, Add	*59.36*	
22 13 16 00-0086	EA	8" x 2" Bell And Spigot Cast Iron Reducing Wye	697.33	145.17
		For Extra Heavy Fittings, Add	*167.89*	
		For Above Ground Cast Iron Pipe Installation, Add	*10.88*	
		For Work In Restricted Working Space, Add	*65.29*	
22 13 16 00-0087	EA	8" x 3" Bell And Spigot Cast Iron Reducing Wye	729.19	147.96
		For Extra Heavy Fittings, Add	*177.59*	
		For Above Ground Cast Iron Pipe Installation, Add	*11.09*	
		For Work In Restricted Working Space, Add	*66.54*	
22 13 16 00-0088	EA	8" x 4" Bell And Spigot Cast Iron Reducing Wye	746.50	154.95
		For Extra Heavy Fittings, Add	*179.96*	
		For Above Ground Cast Iron Pipe Installation, Add	*11.62*	
		For Work In Restricted Working Space, Add	*69.70*	
22 13 16 00-0089	EA	8" x 6" Bell And Spigot Cast Iron Reducing Wye	882.86	172.36
		For Extra Heavy Fittings, Add	*218.54*	
		For Above Ground Cast Iron Pipe Installation, Add	*12.92*	
		For Work In Restricted Working Space, Add	*77.54*	
22 13 16 00-0090	EA	10" x 3" Bell And Spigot Cast Iron Reducing Wye	1,092.53	161.50
		For Extra Heavy Fittings, Add	*297.63*	
		For Above Ground Cast Iron Pipe Installation, Add	*12.11*	
		For Work In Restricted Working Space, Add	*72.65*	
22 13 16 00-0091	EA	10" x 4" Bell And Spigot Cast Iron Reducing Wye	1,136.47	168.60
		For Extra Heavy Fittings, Add	*309.27*	
		For Above Ground Cast Iron Pipe Installation, Add	*12.64*	
		For Work In Restricted Working Space, Add	*75.85*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0092	EA	10" x 6" Bell And Spigot Cast Iron Reducing Wye	1,243.16	186.44
		For Extra Heavy Fittings, Add	*337.29*	
		For Above Ground Cast Iron Pipe Installation, Add	*13.97*	
		For Work In Restricted Working Space, Add	*83.84*	
22 13 16 00-0093	EA	10" x 8" Bell And Spigot Cast Iron Reducing Wye	1,647.44	197.72
		For Extra Heavy Fittings, Add	*472.85*	
		For Above Ground Cast Iron Pipe Installation, Add	*14.82*	
		For Work In Restricted Working Space, Add	*88.93*	
22 13 16 00-0094	EA	12" x 4" Bell And Spigot Cast Iron Reducing Wye	1,696.09	197.72
		For Extra Heavy Fittings, Add	*489.88*	
		For Above Ground Cast Iron Pipe Installation, Add	*14.82*	
		For Work In Restricted Working Space, Add	*88.93*	
22 13 16 00-0095	EA	12" x 6" Bell And Spigot Cast Iron Reducing Wye	1,764.62	214.27
		For Extra Heavy Fittings, Add	*505.18*	
		For Above Ground Cast Iron Pipe Installation, Add	*16.06*	
		For Work In Restricted Working Space, Add	*96.37*	
22 13 16 00-0096	EA	12" x 8" Bell And Spigot Cast Iron Reducing Wye	2,074.22	224.90
		For Extra Heavy Fittings, Add	*607.99*	
		For Above Ground Cast Iron Pipe Installation, Add	*16.86*	
		For Work In Restricted Working Space, Add	*101.13*	
22 13 16 00-0097	EA	12" x 10" Bell And Spigot Cast Iron Reducing Wye	2,524.57	231.57
		For Extra Heavy Fittings, Add	*762.08*	
		For Above Ground Cast Iron Pipe Installation, Add	*17.36*	
		For Work In Restricted Working Space, Add	*104.16*	
22 13 16 00-0098	EA	15" x 4" Bell And Spigot Cast Iron Reducing Wye	4,187.04	218.35
		For Extra Heavy Fittings, Add	*1,350.89*	
		For Above Ground Cast Iron Pipe Installation, Add	*16.37*	
		For Work In Restricted Working Space, Add	*98.21*	
22 13 16 00-0099	EA	15" x 6" Bell And Spigot Cast Iron Reducing Wye	4,369.20	236.29
		For Extra Heavy Fittings, Add	*1,405.20*	
		For Above Ground Cast Iron Pipe Installation, Add	*17.72*	
		For Work In Restricted Working Space, Add	*106.31*	
22 13 16 00-0100	EA	15" x 8" Bell And Spigot Cast Iron Reducing Wye	4,458.33	246.50
		For Extra Heavy Fittings, Add	*1,431.06*	
		For Above Ground Cast Iron Pipe Installation, Add	*18.48*	
		For Work In Restricted Working Space, Add	*110.87*	
22 13 16 00-0101	EA	15" x 10" Bell And Spigot Cast Iron Reducing Wye	4,561.94	254.88
		For Extra Heavy Fittings, Add	*1,462.96*	
		For Above Ground Cast Iron Pipe Installation, Add	*19.10*	
		For Work In Restricted Working Space, Add	*114.62*	
22 13 16 00-0102	EA	15" x 12" Bell And Spigot Cast Iron Reducing Wye	4,676.60	269.71
		For Extra Heavy Fittings, Add	*1,495.29*	
		For Above Ground Cast Iron Pipe Installation, Add	*20.22*	
		For Work In Restricted Working Space, Add	*121.31*	

22 13 16 00-0103 Bell And Spigot Cast Iron Combination Wye And 1/8 Bends *(22 13 16 00-0030)*

22 13 16 00-0104	EA	2" Bell And Spigot Cast Iron Combination Wye And 1/8 Bend	144.18	67.92
		For Extra Heavy Fittings, Add	*14.81*	
		For Above Ground Cast Iron Pipe Installation, Add	*5.09*	
		For Work In Restricted Working Space, Add	*30.56*	
22 13 16 00-0105	EA	3" Bell And Spigot Cast Iron Combination Wye And 1/8 Bend	174.83	74.38
		For Extra Heavy Fittings, Add	*22.16*	
		For Above Ground Cast Iron Pipe Installation, Add	*5.58*	
		For Work In Restricted Working Space, Add	*33.46*	
22 13 16 00-0106	EA	4" Bell And Spigot Cast Iron Combination Wye And 1/8 Bend	233.55	97.48
		For Extra Heavy Fittings, Add	*30.60*	
		For Above Ground Cast Iron Pipe Installation, Add	*7.31*	
		For Work In Restricted Working Space, Add	*43.83*	
22 13 16 00-0107	EA	5" Bell And Spigot Cast Iron Combination Wye And 1/8 Bend	338.29	120.00
		For Extra Heavy Fittings, Add	*55.45*	
		For Above Ground Cast Iron Pipe Installation, Add	*8.99*	
		For Work In Restricted Working Space, Add	*53.96*	
22 13 16 00-0108	EA	6" Bell And Spigot Cast Iron Combination Wye And 1/8 Bend	423.72	148.83
		For Extra Heavy Fittings, Add	*70.22*	
		For Above Ground Cast Iron Pipe Installation, Add	*11.16*	
		For Work In Restricted Working Space, Add	*66.93*	
22 13 16 00-0109	EA	8" Bell And Spigot Cast Iron Combination Wye And 1/8 Bend	779.77	194.39
		For Extra Heavy Fittings, Add	*170.93*	
		For Above Ground Cast Iron Pipe Installation, Add	*14.57*	
		For Work In Restricted Working Space, Add	*87.42*	
22 13 16 00-0110	EA	10" Bell And Spigot Cast Iron Combination Wye And 1/8 Bend	1,127.15	254.88
		For Extra Heavy Fittings, Add	*260.78*	
		For Above Ground Cast Iron Pipe Installation, Add	*19.10*	
		For Work In Restricted Working Space, Add	*114.62*	
22 13 16 00-0111	EA	12" Bell And Spigot Cast Iron Combination Wye And 1/8 Bend	1,512.27	327.63
		For Extra Heavy Fittings, Add	*357.37*	
		For Above Ground Cast Iron Pipe Installation, Add	*24.56*	
		For Work In Restricted Working Space, Add	*147.37*	

22 13 16 00-0112 Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bends *(22 13 16 00-0030)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0113	EA	3" x 2" Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bend	153.94	70.99
		For Extra Heavy Fittings, Add	*16.62*	
		For Above Ground Cast Iron Pipe Installation, Add	*5.32*	
		For Work In Restricted Working Space, Add	*31.94*	
22 13 16 00-0114	EA	4" x 2" Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bend	218.79	87.73
		For Extra Heavy Fittings, Add	*30.52*	
		For Above Ground Cast Iron Pipe Installation, Add	*6.58*	
		For Work In Restricted Working Space, Add	*39.48*	
22 13 16 00-0115	EA	4" x 3" Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bend	236.97	89.95
		For Extra Heavy Fittings, Add	*35.71*	
		For Above Ground Cast Iron Pipe Installation, Add	*6.75*	
		For Work In Restricted Working Space, Add	*40.48*	
22 13 16 00-0116	EA	6" x 2" Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bend	364.47	121.48
		For Extra Heavy Fittings, Add	*63.85*	
		For Above Ground Cast Iron Pipe Installation, Add	*9.10*	
		For Work In Restricted Working Space, Add	*54.62*	
22 13 16 00-0117	EA	6" x 3" Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bend	379.79	123.71
		For Extra Heavy Fittings, Add	*68.00*	
		For Above Ground Cast Iron Pipe Installation, Add	*9.28*	
		For Work In Restricted Working Space, Add	*55.65*	
22 13 16 00-0118	EA	6" x 4" Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bend	402.54	131.98
		For Extra Heavy Fittings, Add	*71.63*	
		For Above Ground Cast Iron Pipe Installation, Add	*9.89*	
		For Work In Restricted Working Space, Add	*59.36*	
22 13 16 00-0119	EA	8" x 2" Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bend	555.78	145.17
		For Extra Heavy Fittings, Add	*118.35*	
		For Above Ground Cast Iron Pipe Installation, Add	*10.88*	
		For Work In Restricted Working Space, Add	*65.29*	
22 13 16 00-0120	EA	8" x 4" Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bend	570.47	154.95
		For Extra Heavy Fittings, Add	*118.35*	
		For Above Ground Cast Iron Pipe Installation, Add	*11.62*	
		For Work In Restricted Working Space, Add	*69.70*	
22 13 16 00-0121	EA	8" x 6" Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bend	722.66	172.36
		For Extra Heavy Fittings, Add	*162.47*	
		For Above Ground Cast Iron Pipe Installation, Add	*12.92*	
		For Work In Restricted Working Space, Add	*77.54*	

22 13 16 00-0122 Bell And Spigot Cast Iron Double Wyes *(22 13 16 00-0030)*

22 13 16 00-0123	EA	2" Bell And Spigot Cast Iron Double Wye	238.79	81.27
		For Extra Heavy Fittings, Add	*40.95*	
		For Above Ground Cast Iron Pipe Installation, Add	*6.09*	
		For Work In Restricted Working Space, Add	*36.54*	
22 13 16 00-0124	EA	3" Bell And Spigot Cast Iron Double Wye	349.98	102.45
		For Extra Heavy Fittings, Add	*68.75*	
		For Above Ground Cast Iron Pipe Installation, Add	*7.68*	
		For Work In Restricted Working Space, Add	*46.07*	
22 13 16 00-0125	EA	4" Bell And Spigot Cast Iron Double Wye	476.36	129.58
		For Extra Heavy Fittings, Add	*98.71*	
		For Above Ground Cast Iron Pipe Installation, Add	*9.72*	
		For Work In Restricted Working Space, Add	*58.30*	
22 13 16 00-0126	EA	6" Bell And Spigot Cast Iron Double Wye	937.94	208.30
		For Extra Heavy Fittings, Add	*218.97*	
		For Above Ground Cast Iron Pipe Installation, Add	*15.62*	
		For Work In Restricted Working Space, Add	*93.69*	
22 13 16 00-0127	EA	8" Bell And Spigot Cast Iron Double Wye	1,888.62	244.03
		For Extra Heavy Fittings, Add	*532.99*	
		For Above Ground Cast Iron Pipe Installation, Add	*18.29*	
		For Work In Restricted Working Space, Add	*109.74*	
22 13 16 00-0128	EA	10" Bell And Spigot Cast Iron Double Wye	2,507.31	273.04
		For Extra Heavy Fittings, Add	*734.28*	
		For Above Ground Cast Iron Pipe Installation, Add	*20.47*	
		For Work In Restricted Working Space, Add	*122.81*	
22 13 16 00-0129	EA	12" Bell And Spigot Cast Iron Double Wye	1,726.28	327.63
		For Extra Heavy Fittings, Add	*432.27*	
		For Above Ground Cast Iron Pipe Installation, Add	*24.56*	
		For Work In Restricted Working Space, Add	*147.37*	
22 13 16 00-0130	EA	15" Bell And Spigot Cast Iron Double Wye	4,919.13	343.86
		For Extra Heavy Fittings, Add	*1,541.16*	
		For Above Ground Cast Iron Pipe Installation, Add	*25.79*	
		For Work In Restricted Working Space, Add	*154.74*	

22 13 16 00-0131 Bell And Spigot Cast Iron Reducing Double Wyes *(22 13 16 00-0030)*

22 13 16 00-0132	EA	3" x 2" Bell And Spigot Cast Iron Reducing Double Wye	213.14	96.10
		For Extra Heavy Fittings, Add	*24.16*	
		For Above Ground Cast Iron Pipe Installation, Add	*7.21*	
		For Work In Restricted Working Space, Add	*43.23*	
22 13 16 00-0133	EA	4" x 2" Bell And Spigot Cast Iron Reducing Double Wye	247.88	110.40
		For Extra Heavy Fittings, Add	*28.82*	
		For Above Ground Cast Iron Pipe Installation, Add	*8.28*	
		For Work In Restricted Working Space, Add	*49.67*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0134	EA	4" x 3" Bell And Spigot Cast Iron Reducing Double Wye	269.07	115.80
		For Extra Heavy Fittings, Add	*33.38*	
		For Above Ground Cast Iron Pipe Installation, Add	*8.68*	
		For Work In Restricted Working Space, Add	*52.11*	
22 13 16 00-0135	EA	6" x 2" Bell And Spigot Cast Iron Reducing Double Wye	358.96	144.49
		For Extra Heavy Fittings, Add	*49.83*	
		For Above Ground Cast Iron Pipe Installation, Add	*10.83*	
		For Work In Restricted Working Space, Add	*64.98*	
22 13 16 00-0136	EA	6" x 3" Bell And Spigot Cast Iron Reducing Double Wye	380.77	150.00
		For Extra Heavy Fittings, Add	*54.57*	
		For Above Ground Cast Iron Pipe Installation, Add	*11.24*	
		For Work In Restricted Working Space, Add	*67.46*	
22 13 16 00-0137	EA	6" x 4" Bell And Spigot Cast Iron Reducing Double Wye	438.82	163.57
		For Extra Heavy Fittings, Add	*67.76*	
		For Above Ground Cast Iron Pipe Installation, Add	*12.26*	
		For Work In Restricted Working Space, Add	*73.57*	
22 13 16 00-0138	EA	8" x 4" Bell And Spigot Cast Iron Reducing Double Wye	711.71	188.05
		For Extra Heavy Fittings, Add	*150.45*	
		For Above Ground Cast Iron Pipe Installation, Add	*14.09*	
		For Work In Restricted Working Space, Add	*84.55*	
22 13 16 00-0139	EA	8" x 6" Bell And Spigot Cast Iron Reducing Double Wye	773.63	222.54
		For Extra Heavy Fittings, Add	*153.97*	
		For Above Ground Cast Iron Pipe Installation, Add	*16.69*	
		For Work In Restricted Working Space, Add	*100.12*	
22 13 16 00-0140	EA	10" x 4" Bell And Spigot Cast Iron Reducing Double Wye	758.10	201.15
		For Extra Heavy Fittings, Add	*159.76*	
		For Above Ground Cast Iron Pipe Installation, Add	*15.08*	
		For Work In Restricted Working Space, Add	*90.49*	
22 13 16 00-0141	EA	10" x 6" Bell And Spigot Cast Iron Reducing Double Wye	883.36	236.29
		For Extra Heavy Fittings, Add	*185.15*	
		For Above Ground Cast Iron Pipe Installation, Add	*17.72*	
		For Work In Restricted Working Space, Add	*106.31*	
22 13 16 00-0142	EA	10" x 8" Bell And Spigot Cast Iron Reducing Double Wye	1,091.55	257.57
		For Extra Heavy Fittings, Add	*246.88*	
		For Above Ground Cast Iron Pipe Installation, Add	*19.31*	
		For Work In Restricted Working Space, Add	*115.85*	
22 13 16 00-0143	EA	12" x 6" Bell And Spigot Cast Iron Reducing Double Wye	1,114.89	263.48
		For Extra Heavy Fittings, Add	*251.94*	
		For Above Ground Cast Iron Pipe Installation, Add	*19.75*	
		For Work In Restricted Working Space, Add	*118.52*	
22 13 16 00-0144	EA	12" x 8" Bell And Spigot Cast Iron Reducing Double Wye	1,429.65	286.69
		For Extra Heavy Fittings, Add	*349.94*	
		For Above Ground Cast Iron Pipe Installation, Add	*21.49*	
		For Work In Restricted Working Space, Add	*128.95*	

22 13 16 00-0145 Bell And Spigot Cast Iron Double Combination Wye And 1/8 Bends *(22 13 16 00-0030)*

22 13 16 00-0146	EA	2" Bell And Spigot Cast Iron Double Combination Wye And 1/8 Bend	196.85	81.27
		For Extra Heavy Fittings, Add	*26.27*	
		For Above Ground Cast Iron Pipe Installation, Add	*6.09*	
		For Work In Restricted Working Space, Add	*36.54*	
22 13 16 00-0147	EA	3" Bell And Spigot Cast Iron Double Combination Wye And 1/8 Bend	265.22	108.71
		For Extra Heavy Fittings, Add	*35.78*	
		For Above Ground Cast Iron Pipe Installation, Add	*8.15*	
		For Work In Restricted Working Space, Add	*48.90*	
22 13 16 00-0148	EA	4" Bell And Spigot Cast Iron Double Combination Wye And 1/8 Bend	347.59	135.94
		For Extra Heavy Fittings, Add	*50.34*	
		For Above Ground Cast Iron Pipe Installation, Add	*10.19*	
		For Work In Restricted Working Space, Add	*61.13*	
22 13 16 00-0149	EA	6" Bell And Spigot Cast Iron Double Combination Wye And 1/8 Bend	794.97	232.79
		For Extra Heavy Fittings, Add	*156.08*	
		For Above Ground Cast Iron Pipe Installation, Add	*17.45*	
		For Work In Restricted Working Space, Add	*104.71*	

22 13 16 00-0150 Bell And Spigot Cast Iron Reducing Double Combination Wye And 1/8 Bends *(22 13 16 00-0030)*

22 13 16 00-0151	EA	3" x 2" Bell And Spigot Cast Iron Reducing Double Combination Wye And 1/8 Bend	264.76	97.48
		For Extra Heavy Fittings, Add	*41.53*	
		For Above Ground Cast Iron Pipe Installation, Add	*7.31*	
		For Work In Restricted Working Space, Add	*43.83*	
22 13 16 00-0152	EA	4" x 2" Bell And Spigot Cast Iron Reducing Double Combination Wye And 1/8 Bend	315.04	110.40
		For Extra Heavy Fittings, Add	*52.32*	
		For Above Ground Cast Iron Pipe Installation, Add	*8.28*	
		For Work In Restricted Working Space, Add	*49.67*	
22 13 16 00-0153	EA	4" x 3" Bell And Spigot Cast Iron Reducing Double Combination Wye And 1/8 Bend	353.86	122.91
		For Extra Heavy Fittings, Add	*59.38*	
		For Above Ground Cast Iron Pipe Installation, Add	*9.21*	
		For Work In Restricted Working Space, Add	*55.26*	
22 13 16 00-0154	EA	6" x 4" Bell And Spigot Cast Iron Reducing Double Combination Wye And 1/8 Bend	736.43	173.64
		For Extra Heavy Fittings, Add	*166.62*	
		For Above Ground Cast Iron Pipe Installation, Add	*13.02*	
		For Work In Restricted Working Space, Add	*78.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0155		**Bell And Spigot Cast Iron Sanitary Tees** *(22 13 16 00-0030)*		
22 13 16 00-0156	EA	2" Bell And Spigot Cast Iron Sanitary Tee	160.47	68.02
		For Extra Heavy Fittings, Add	*20.48*	
		For Above Ground Cast Iron Pipe Installation, Add	*5.10*	
		For Work In Restricted Working Space, Add	*30.59*	
22 13 16 00-0157	EA	3" Bell And Spigot Cast Iron Sanitary Tee	182.96	74.38
		For Extra Heavy Fittings, Add	*25.00*	
		For Above Ground Cast Iron Pipe Installation, Add	*5.58*	
		For Work In Restricted Working Space, Add	*33.46*	
22 13 16 00-0158	EA	4" Bell And Spigot Cast Iron Sanitary Tee	299.24	91.12
		For Extra Heavy Fittings, Add	*56.90*	
		For Above Ground Cast Iron Pipe Installation, Add	*6.83*	
		For Work In Restricted Working Space, Add	*41.00*	
22 13 16 00-0159	EA	5" Bell And Spigot Cast Iron Sanitary Tee	448.10	105.80
		For Extra Heavy Fittings, Add	*101.29*	
		For Above Ground Cast Iron Pipe Installation, Add	*7.93*	
		For Work In Restricted Working Space, Add	*47.61*	
22 13 16 00-0160	EA	6" Bell And Spigot Cast Iron Sanitary Tee	537.57	126.89
		For Extra Heavy Fittings, Add	*121.56*	
		For Above Ground Cast Iron Pipe Installation, Add	*9.51*	
		For Work In Restricted Working Space, Add	*57.08*	
22 13 16 00-0161	EA	8" Bell And Spigot Cast Iron Sanitary Tee	1,161.73	164.95
		For Extra Heavy Fittings, Add	*320.05*	
		For Above Ground Cast Iron Pipe Installation, Add	*12.37*	
		For Work In Restricted Working Space, Add	*74.19*	
22 13 16 00-0162	EA	10" Bell And Spigot Cast Iron Sanitary Tee	1,749.93	201.15
		For Extra Heavy Fittings, Add	*506.91*	
		For Above Ground Cast Iron Pipe Installation, Add	*15.08*	
		For Work In Restricted Working Space, Add	*90.49*	
22 13 16 00-0163	EA	12" Bell And Spigot Cast Iron Sanitary Tee	2,616.71	236.29
		For Extra Heavy Fittings, Add	*791.83*	
		For Above Ground Cast Iron Pipe Installation, Add	*17.72*	
		For Work In Restricted Working Space, Add	*106.31*	
22 13 16 00-0164		**Bell And Spigot Cast Iron Reducing Sanitary Tees** *(22 13 16 00-0030)*		
22 13 16 00-0165	EA	3" x 2" Bell And Spigot Cast Iron Reducing Sanitary Tee	218.53	70.99
		For Extra Heavy Fittings, Add	*39.22*	
		For Above Ground Cast Iron Pipe Installation, Add	*5.32*	
		For Work In Restricted Working Space, Add	*31.94*	
22 13 16 00-0166	EA	4" x 2" Bell And Spigot Cast Iron Reducing Sanitary Tee	258.89	83.17
		For Extra Heavy Fittings, Add	*46.98*	
		For Above Ground Cast Iron Pipe Installation, Add	*6.23*	
		For Work In Restricted Working Space, Add	*37.40*	
22 13 16 00-0167	EA	4" x 3" Bell And Spigot Cast Iron Reducing Sanitary Tee	271.82	83.17
		For Extra Heavy Fittings, Add	*51.51*	
		For Above Ground Cast Iron Pipe Installation, Add	*6.23*	
		For Work In Restricted Working Space, Add	*37.40*	
22 13 16 00-0168	EA	6" x 2" Bell And Spigot Cast Iron Reducing Sanitary Tee	423.43	121.48
		For Extra Heavy Fittings, Add	*84.48*	
		For Above Ground Cast Iron Pipe Installation, Add	*9.10*	
		For Work In Restricted Working Space, Add	*54.62*	
22 13 16 00-0169	EA	6" x 3" Bell And Spigot Cast Iron Reducing Sanitary Tee	441.06	123.71
		For Extra Heavy Fittings, Add	*89.44*	
		For Above Ground Cast Iron Pipe Installation, Add	*9.28*	
		For Work In Restricted Working Space, Add	*55.65*	
22 13 16 00-0170	EA	6" x 4" Bell And Spigot Cast Iron Reducing Sanitary Tee	478.67	131.98
		For Extra Heavy Fittings, Add	*98.28*	
		For Above Ground Cast Iron Pipe Installation, Add	*9.89*	
		For Work In Restricted Working Space, Add	*59.36*	
22 13 16 00-0171	EA	8" x 4" Bell And Spigot Cast Iron Reducing Sanitary Tee	819.78	154.95
		For Extra Heavy Fittings, Add	*205.61*	
		For Above Ground Cast Iron Pipe Installation, Add	*11.62*	
		For Work In Restricted Working Space, Add	*69.70*	
22 13 16 00-0172	EA	8" x 6" Bell And Spigot Cast Iron Reducing Sanitary Tee	1,031.26	172.36
		For Extra Heavy Fittings, Add	*270.48*	
		For Above Ground Cast Iron Pipe Installation, Add	*12.92*	
		For Work In Restricted Working Space, Add	*77.54*	
22 13 16 00-0173		**Bell And Spigot Cast Iron Vent Tees** *(22 13 16 00-0030)*		
22 13 16 00-0174	EA	2" Bell And Spigot Cast Iron Vent Tee	136.06	67.92
		For Extra Heavy Fittings, Add	*11.96*	
		For Above Ground Cast Iron Pipe Installation, Add	*5.09*	
		For Work In Restricted Working Space, Add	*30.56*	
22 13 16 00-0175	EA	3" Bell And Spigot Cast Iron Vent Tee	171.01	74.38
		For Extra Heavy Fittings, Add	*20.82*	
		For Above Ground Cast Iron Pipe Installation, Add	*5.58*	
		For Work In Restricted Working Space, Add	*33.46*	
22 13 16 00-0176	EA	4" Bell And Spigot Cast Iron Vent Tee	226.71	97.48
		For Extra Heavy Fittings, Add	*28.21*	
		For Above Ground Cast Iron Pipe Installation, Add	*7.31*	
		For Work In Restricted Working Space, Add	*43.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0177	EA	5" Bell And Spigot Cast Iron Vent Tee	300.11	120.00
		For Extra Heavy Fittings, Add	*42.09*	
		For Above Ground Cast Iron Pipe Installation, Add	*8.99*	
		For Work In Restricted Working Space, Add	*53.96*	
22 13 16 00-0178	EA	6" Bell And Spigot Cast Iron Vent Tee	378.03	148.83
		For Extra Heavy Fittings, Add	*54.23*	
		For Above Ground Cast Iron Pipe Installation, Add	*11.16*	
		For Work In Restricted Working Space, Add	*66.93*	
22 13 16 00-0179	EA	8" Bell And Spigot Cast Iron Vent Tee	651.94	194.39
		For Extra Heavy Fittings, Add	*126.19*	
		For Above Ground Cast Iron Pipe Installation, Add	*14.57*	
		For Work In Restricted Working Space, Add	*87.42*	
22 13 16 00-0180		**Bell And Spigot Cast Iron Tapped Sanitary Tees** *(22 13 16 00-0030)*		
22 13 16 00-0181	EA	2" Bell And Spigot Cast Iron Tapped Sanitary Tee	140.06	67.92
		For Extra Heavy Fittings, Add	*13.36*	
		For Above Ground Cast Iron Pipe Installation, Add	*5.09*	
		For Work In Restricted Working Space, Add	*30.56*	
22 13 16 00-0182	EA	3" Bell And Spigot Cast Iron Tapped Sanitary Tee	154.70	74.38
		For Extra Heavy Fittings, Add	*15.11*	
		For Above Ground Cast Iron Pipe Installation, Add	*5.58*	
		For Work In Restricted Working Space, Add	*33.46*	
22 13 16 00-0183	EA	4" Bell And Spigot Cast Iron Tapped Sanitary Tee	199.31	97.48
		For Extra Heavy Fittings, Add	*18.62*	
		For Above Ground Cast Iron Pipe Installation, Add	*7.31*	
		For Work In Restricted Working Space, Add	*43.83*	
22 13 16 00-0184		**Bell And Spigot Cast Iron Tapped Sanitary Crosses** *(22 13 16 00-0030)*		
22 13 16 00-0185	EA	2" Bell And Spigot Cast Iron Tapped Sanitary Cross	142.58	67.92
		For Extra Heavy Fittings, Add	*14.25*	
		For Above Ground Cast Iron Pipe Installation, Add	*5.09*	
		For Work In Restricted Working Space, Add	*30.56*	
22 13 16 00-0186	EA	3" Bell And Spigot Cast Iron Tapped Sanitary Cross	159.50	74.38
		For Extra Heavy Fittings, Add	*16.79*	
		For Above Ground Cast Iron Pipe Installation, Add	*5.58*	
		For Work In Restricted Working Space, Add	*33.46*	
22 13 16 00-0187	EA	4" Bell And Spigot Cast Iron Tapped Sanitary Cross	211.38	97.48
		For Extra Heavy Fittings, Add	*22.84*	
		For Above Ground Cast Iron Pipe Installation, Add	*7.31*	
		For Work In Restricted Working Space, Add	*43.83*	
22 13 16 00-0188		**Bell And Spigot Cast Iron Reducers** *(22 13 16 00-0030)*		
22 13 16 00-0189	EA	3" x 2" Bell And Spigot Cast Iron Reducer	78.88	38.25
		For Extra Heavy Fittings, Add	*7.56*	
		For Above Ground Cast Iron Pipe Installation, Add	*2.86*	
		For Work In Restricted Working Space, Add	*17.18*	
22 13 16 00-0190	EA	4" x 2" Bell And Spigot Cast Iron Reducer	98.28	50.43
		For Extra Heavy Fittings, Add	*7.91*	
		For Above Ground Cast Iron Pipe Installation, Add	*3.78*	
		For Work In Restricted Working Space, Add	*22.70*	
22 13 16 00-0191	EA	4" x 3" Bell And Spigot Cast Iron Reducer	105.59	50.85
		For Extra Heavy Fittings, Add	*10.28*	
		For Above Ground Cast Iron Pipe Installation, Add	*3.81*	
		For Work In Restricted Working Space, Add	*22.87*	
22 13 16 00-0192	EA	6" x 2" Bell And Spigot Cast Iron Reducer	139.04	64.24
		For Extra Heavy Fittings, Add	*14.93*	
		For Above Ground Cast Iron Pipe Installation, Add	*4.82*	
		For Work In Restricted Working Space, Add	*28.91*	
22 13 16 00-0193	EA	6" x 3" Bell And Spigot Cast Iron Reducer	145.60	65.09
		For Extra Heavy Fittings, Add	*16.79*	
		For Above Ground Cast Iron Pipe Installation, Add	*4.88*	
		For Work In Restricted Working Space, Add	*29.29*	
22 13 16 00-0194	EA	6" x 4" Bell And Spigot Cast Iron Reducer	150.34	66.47
		For Extra Heavy Fittings, Add	*17.76*	
		For Above Ground Cast Iron Pipe Installation, Add	*4.98*	
		For Work In Restricted Working Space, Add	*29.88*	
22 13 16 00-0195	EA	8" x 2" Bell And Spigot Cast Iron Reducer	196.35	68.48
		For Extra Heavy Fittings, Add	*32.78*	
		For Above Ground Cast Iron Pipe Installation, Add	*5.13*	
		For Work In Restricted Working Space, Add	*30.81*	
22 13 16 00-0196	EA	8" x 3" Bell And Spigot Cast Iron Reducer	220.13	83.70
		For Extra Heavy Fittings, Add	*33.12*	
		For Above Ground Cast Iron Pipe Installation, Add	*6.27*	
		For Work In Restricted Working Space, Add	*37.65*	
22 13 16 00-0197	EA	8" x 4" Bell And Spigot Cast Iron Reducer	225.93	85.86
		For Extra Heavy Fittings, Add	*34.01*	
		For Above Ground Cast Iron Pipe Installation, Add	*6.44*	
		For Work In Restricted Working Space, Add	*38.63*	
22 13 16 00-0198	EA	8" x 6" Bell And Spigot Cast Iron Reducer	233.27	89.62
		For Extra Heavy Fittings, Add	*34.64*	
		For Above Ground Cast Iron Pipe Installation, Add	*6.72*	
		For Work In Restricted Working Space, Add	*40.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0199	EA	10" x 4" Bell And Spigot Cast Iron Reducer	292.45	100.58
		For Extra Heavy Fittings, Add	*49.57*	
		For Above Ground Cast Iron Pipe Installation, Add	*7.54*	
		For Work In Restricted Working Space, Add	*45.25*	
22 13 16 00-0200	EA	10" x 6" Bell And Spigot Cast Iron Reducer	308.37	105.63
		For Extra Heavy Fittings, Add	*52.48*	
		For Above Ground Cast Iron Pipe Installation, Add	*7.92*	
		For Work In Restricted Working Space, Add	*47.53*	
22 13 16 00-0201	EA	10" x 8" Bell And Spigot Cast Iron Reducer	328.80	110.24
		For Extra Heavy Fittings, Add	*57.22*	
		For Above Ground Cast Iron Pipe Installation, Add	*8.27*	
		For Work In Restricted Working Space, Add	*49.59*	
22 13 16 00-0202	EA	12" x 4" Bell And Spigot Cast Iron Reducer	410.31	119.49
		For Extra Heavy Fittings, Add	*80.93*	
		For Above Ground Cast Iron Pipe Installation, Add	*8.95*	
		For Work In Restricted Working Space, Add	*53.73*	
22 13 16 00-0203	EA	12" x 6" Bell And Spigot Cast Iron Reducer	456.96	139.80
		For Extra Heavy Fittings, Add	*86.55*	
		For Above Ground Cast Iron Pipe Installation, Add	*10.48*	
		For Work In Restricted Working Space, Add	*62.90*	
22 13 16 00-0204	EA	12" x 8" Bell And Spigot Cast Iron Reducer	493.41	159.25
		For Extra Heavy Fittings, Add	*89.12*	
		For Above Ground Cast Iron Pipe Installation, Add	*11.94*	
		For Work In Restricted Working Space, Add	*71.64*	
22 13 16 00-0205	EA	12" x 10" Bell And Spigot Cast Iron Reducer	539.66	183.42
		For Extra Heavy Fittings, Add	*92.63*	
		For Above Ground Cast Iron Pipe Installation, Add	*13.75*	
		For Work In Restricted Working Space, Add	*82.50*	
22 13 16 00-0206	EA	15" x 6" Bell And Spigot Cast Iron Reducer	710.91	183.42
		For Extra Heavy Fittings, Add	*152.57*	
		For Above Ground Cast Iron Pipe Installation, Add	*13.75*	
		For Work In Restricted Working Space, Add	*82.50*	
22 13 16 00-0207	EA	15" x 8" Bell And Spigot Cast Iron Reducer	756.17	197.72
		For Extra Heavy Fittings, Add	*160.91*	
		For Above Ground Cast Iron Pipe Installation, Add	*14.82*	
		For Work In Restricted Working Space, Add	*88.93*	
22 13 16 00-0208	EA	15" x 10" Bell And Spigot Cast Iron Reducer	787.12	208.46
		For Extra Heavy Fittings, Add	*166.08*	
		For Above Ground Cast Iron Pipe Installation, Add	*15.63*	
		For Work In Restricted Working Space, Add	*93.78*	
22 13 16 00-0209	EA	15" x 12" Bell And Spigot Cast Iron Reducer	829.11	222.54
		For Extra Heavy Fittings, Add	*173.39*	
		For Above Ground Cast Iron Pipe Installation, Add	*16.69*	
		For Work In Restricted Working Space, Add	*100.12*	

22 13 16 00-0210 Bell And Spigot Cast Iron P-Traps *(22 13 16 00-0030)*

22 13 16 00-0211	EA	2" Bell And Spigot Cast Iron P-Trap	82.52	30.40
		For Extra Heavy Fittings, Add	*12.93*	
		For Above Ground Cast Iron Pipe Installation, Add	*2.28*	
		For Work In Restricted Working Space, Add	*13.67*	
22 13 16 00-0212	EA	3" Bell And Spigot Cast Iron P-Trap	111.03	38.25
		For Extra Heavy Fittings, Add	*18.82*	
		For Above Ground Cast Iron Pipe Installation, Add	*2.86*	
		For Work In Restricted Working Space, Add	*17.18*	
22 13 16 00-0213	EA	4" Bell And Spigot Cast Iron P-Trap	151.53	50.85
		For Extra Heavy Fittings, Add	*26.36*	
		For Above Ground Cast Iron Pipe Installation, Add	*3.81*	
		For Work In Restricted Working Space, Add	*22.87*	
22 13 16 00-0214	EA	5" Bell And Spigot Cast Iron P-Trap	250.59	59.47
		For Extra Heavy Fittings, Add	*56.51*	
		For Above Ground Cast Iron Pipe Installation, Add	*4.46*	
		For Work In Restricted Working Space, Add	*26.74*	
22 13 16 00-0215	EA	6" Bell And Spigot Cast Iron P-Trap	337.39	69.96
		For Extra Heavy Fittings, Add	*81.38*	
		For Above Ground Cast Iron Pipe Installation, Add	*5.24*	
		For Work In Restricted Working Space, Add	*31.46*	
22 13 16 00-0216	EA	8" Bell And Spigot Cast Iron P-Trap	755.01	89.62
		For Extra Heavy Fittings, Add	*217.25*	
		For Above Ground Cast Iron Pipe Installation, Add	*6.72*	
		For Work In Restricted Working Space, Add	*40.29*	
22 13 16 00-0217	EA	10" Bell And Spigot Cast Iron P-Trap	835.89	110.24
		For Extra Heavy Fittings, Add	*234.70*	
		For Above Ground Cast Iron Pipe Installation, Add	*8.27*	
		For Work In Restricted Working Space, Add	*49.59*	

22 13 16 00-0218 Bell And Spigot Cast Iron Deep Seal P-Traps *(22 13 16 00-0030)*

22 13 16 00-0219	EA	2" Bell And Spigot Cast Iron Deep Seal P-Trap	96.56	30.40
		For Extra Heavy Fittings, Add	*17.85*	
		For Above Ground Cast Iron Pipe Installation, Add	*2.28*	
		For Work In Restricted Working Space, Add	*13.67*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0220	EA	3" Bell And Spigot Cast Iron Deep Seal P-Trap	138.61	38.25
		For Extra Heavy Fittings, Add	*28.47*	
		For Above Ground Cast Iron Pipe Installation, Add	*2.86*	
		For Work In Restricted Working Space, Add	*17.18*	
22 13 16 00-0221	EA	4" Bell And Spigot Cast Iron Deep Seal P-Trap	202.82	50.85
		For Extra Heavy Fittings, Add	*44.31*	
		For Above Ground Cast Iron Pipe Installation, Add	*3.81*	
		For Work In Restricted Working Space, Add	*22.87*	
22 13 16 00-0222	EA	5" Bell And Spigot Cast Iron Deep Seal P-Trap	342.15	66.47
		For Extra Heavy Fittings, Add	*84.89*	
		For Above Ground Cast Iron Pipe Installation, Add	*4.98*	
		For Work In Restricted Working Space, Add	*29.88*	
22 13 16 00-0223	EA	6" Bell And Spigot Cast Iron Deep Seal P-Trap	362.76	74.10
		For Extra Heavy Fittings, Add	*88.06*	
		For Above Ground Cast Iron Pipe Installation, Add	*5.56*	
		For Work In Restricted Working Space, Add	*33.35*	
22 13 16 00-0224		**Bell And Spigot Cast Iron Running Traps With Single Vent** *(22 13 16 00-0030)*		
22 13 16 00-0225	EA	3" x 3" Bell And Spigot Cast Iron Running Trap With Single Vent	221.89	73.42
		For Above Ground Cast Iron Pipe Installation, Add	*5.58*	
		For Work In Restricted Working Space, Add	*33.46*	
22 13 16 00-0226	EA	4" x 4" Bell And Spigot Cast Iron Running Trap With Single Vent	296.33	96.52
		For Above Ground Cast Iron Pipe Installation, Add	*7.31*	
		For Work In Restricted Working Space, Add	*43.83*	
22 13 16 00-0227	EA	5" x 4" Bell And Spigot Cast Iron Running Trap With Single Vent	413.70	115.45
		For Above Ground Cast Iron Pipe Installation, Add	*8.73*	
		For Work In Restricted Working Space, Add	*52.35*	
22 13 16 00-0228	EA	6" x 4" Bell And Spigot Cast Iron Running Trap With Single Vent	841.74	130.81
		For Above Ground Cast Iron Pipe Installation, Add	*9.89*	
		For Work In Restricted Working Space, Add	*59.36*	
22 13 16 00-0229	EA	8" x 4" Bell And Spigot Cast Iron Running Trap With Single Vent	2,788.48	153.23
		For Above Ground Cast Iron Pipe Installation, Add	*11.62*	
		For Work In Restricted Working Space, Add	*69.70*	
22 13 16 00-0230	EA	8" x 6" Bell And Spigot Cast Iron Running Trap With Single Vent	3,018.71	170.97
		For Above Ground Cast Iron Pipe Installation, Add	*12.92*	
		For Work In Restricted Working Space, Add	*77.54*	
22 13 16 00-0231		**Bell And Spigot Cast Running Traps With Double Vent** *(22 13 16 00-0030)*		
22 13 16 00-0232	EA	3" x 3" Bell And Spigot Cast Iron Running Trap With Double Vent	282.49	101.40
		For Above Ground Cast Iron Pipe Installation, Add	*7.68*	
		For Work In Restricted Working Space, Add	*46.07*	
22 13 16 00-0233	EA	4" x 4" Bell And Spigot Cast Iron Running Trap With Double Vent	387.75	127.99
		For Above Ground Cast Iron Pipe Installation, Add	*9.72*	
		For Work In Restricted Working Space, Add	*58.30*	
22 13 16 00-0234	EA	6" x 4" Bell And Spigot Cast Iron Running Trap With Double Vent	936.63	161.66
		For Above Ground Cast Iron Pipe Installation, Add	*12.26*	
		For Work In Restricted Working Space, Add	*73.57*	
22 13 16 00-0235	EA	6" x 6" Bell And Spigot Cast Iron Running Trap With Double Vent	1,085.53	195.69
		For Above Ground Cast Iron Pipe Installation, Add	*14.83*	
		For Work In Restricted Working Space, Add	*88.96*	
22 13 16 00-0236	EA	8" x 4" Bell And Spigot Cast Iron Running Trap With Double Vent	3,000.98	185.79
		For Above Ground Cast Iron Pipe Installation, Add	*14.09*	
		For Work In Restricted Working Space, Add	*84.55*	
22 13 16 00-0237	EA	8" x 6" Bell And Spigot Cast Iron Running Trap With Double Vent	3,291.22	220.61
		For Above Ground Cast Iron Pipe Installation, Add	*16.69*	
		For Work In Restricted Working Space, Add	*100.12*	
22 13 16 00-0238	EA	10" x 8" Bell And Spigot Cast Iron Running Trap With Double Vent	4,381.83	254.56
		For Above Ground Cast Iron Pipe Installation, Add	*19.31*	
		For Work In Restricted Working Space, Add	*115.85*	
22 13 16 00-0239	EA	12" x 10" Bell And Spigot Cast Iron Running Trap With Double Vent	6,071.63	294.32
		For Above Ground Cast Iron Pipe Installation, Add	*22.29*	
		For Work In Restricted Working Space, Add	*133.76*	
22 13 16 00-0240	EA	15" x 12" Bell And Spigot Cast Iron Running Trap With Double Vent	11,846.42	340.42
		For Above Ground Cast Iron Pipe Installation, Add	*25.80*	
		For Work In Restricted Working Space, Add	*154.80*	
22 13 16 00-0241		**Bell And Spigot Cast Iron Scission Joint Fittings** *(22 13 16 00-0030)*		
22 13 16 00-0242	EA	2" Bell And Spigot Cast Iron Scission Joint Fitting	177.33	
		For Above Ground Cast Iron Pipe Installation, Add	*2.27*	
		For Work In Restricted Working Space, Add	*13.64*	
22 13 16 00-0243	EA	3" Bell And Spigot Cast Iron Scission Joint Fitting	246.18	
		For Above Ground Cast Iron Pipe Installation, Add	*2.55*	
		For Work In Restricted Working Space, Add	*15.32*	
22 13 16 00-0244	EA	4" Bell And Spigot Cast Iron Scission Joint Fitting	283.00	
		For Above Ground Cast Iron Pipe Installation, Add	*3.42*	
		For Work In Restricted Working Space, Add	*20.52*	
22 13 16 00-0245	EA	5" Bell And Spigot Cast Iron Scission Joint Fitting	350.16	
		For Above Ground Cast Iron Pipe Installation, Add	*3.97*	
		For Work In Restricted Working Space, Add	*23.84*	
22 13 16 00-0246	EA	6" Bell And Spigot Cast Iron Scission Joint Fitting	425.30	
		For Above Ground Cast Iron Pipe Installation, Add	*4.80*	
		For Work In Restricted Working Space, Add	*28.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0247	EA	8" Bell And Spigot Cast Iron Scission Joint Fitting	813.86	
		For Above Ground Cast Iron Pipe Installation, Add	*6.07*	
		For Work In Restricted Working Space, Add	*36.40*	

22 13 16 00-0248 Cut And Prepare Existing In-Place Cast Iron Pipe *(22 13 16 00-0019)*

Note: For use when connecting pipe to an existing in-place system.

22 13 16 00-0249	EA	2", Cut And Prepare Existing In-Place Cast Iron Pipe	12.66	
		For Above Ground Cast Iron Pipe Installation, Add	*0.63*	
		For Work In Restricted Working Space, Add	*3.80*	
22 13 16 00-0250	EA	3", Cut And Prepare Existing In-Place Cast Iron Pipe	13.81	
		For Above Ground Cast Iron Pipe Installation, Add	*0.69*	
		For Work In Restricted Working Space, Add	*4.14*	
22 13 16 00-0251	EA	4", Cut And Prepare Existing In-Place Cast Iron Pipe	17.26	
		For Above Ground Cast Iron Pipe Installation, Add	*0.86*	
		For Work In Restricted Working Space, Add	*5.18*	
22 13 16 00-0252	EA	6", Cut And Prepare Existing In-Place Cast Iron Pipe	20.71	
		For Above Ground Cast Iron Pipe Installation, Add	*1.04*	
		For Work In Restricted Working Space, Add	*6.21*	
22 13 16 00-0253	EA	8", Cut And Prepare Existing In-Place Cast Iron Pipe	27.61	
		For Above Ground Cast Iron Pipe Installation, Add	*1.38*	
		For Work In Restricted Working Space, Add	*8.28*	
22 13 16 00-0254	EA	10", Cut And Prepare Existing In-Place Cast Iron Pipe	32.21	
		For Above Ground Cast Iron Pipe Installation, Add	*1.61*	
		For Work In Restricted Working Space, Add	*9.66*	
22 13 16 00-0255	EA	12", Cut And Prepare Existing In-Place Cast Iron Pipe	37.97	
		For Above Ground Cast Iron Pipe Installation, Add	*1.90*	
		For Work In Restricted Working Space, Add	*11.39*	
22 13 16 00-0256	EA	15", Cut And Prepare Existing In-Place Cast Iron Pipe	43.72	
		For Above Ground Cast Iron Pipe Installation, Add	*2.19*	
		For Work In Restricted Working Space, Add	*13.12*	

22 13 16 00-0257 Joint Material *(22 13 16 00-0019)*

Note: Labor costs are included in the installation costs for fittings.

22 13 16 00-0258	LB	Lead (1 LB/Diameter Inch) Joint Material	7.77
22 13 16 00-0259	LB	Oakum (1/8 LB/Diameter Inch) Joint Material	15.65
22 13 16 00-0260	EA	2" Dual Tite Rubber Gasket	3.17
22 13 16 00-0261	EA	3" Dual Tite Rubber Gasket	4.34
22 13 16 00-0262	EA	4" Dual Tite Rubber Gasket	5.40
22 13 16 00-0263	EA	6" Dual Tite Rubber Gasket	8.95
22 13 16 00-0264	EA	8" Dual Tite Rubber Gasket	19.74
22 13 16 00-0265	EA	10" Dual Tite Rubber Gasket	30.28
22 13 16 00-0266	EA	12" Dual Tite Rubber Gasket	38.57
22 13 16 00-0267	EA	15" Dual Tite Rubber Gasket	45.81

22 13 16 00-0268 No Hub Cast Iron Soil Pipe And Fittings *(22 13 16)*

Note: Service Weight. Excludes hangers.

22 13 16 00-0269 No Hub Cast Iron Pipe *(22 13 16 00-0268)*

Note: Excludes couplings.

22 13 16 00-0270	LF	1-1/2" No Hub Cast Iron Pipe	19.13	6.36
		For Below Ground Installation, Add	*0.48*	
		For Work In Restricted Working Space, Add	*2.87*	
22 13 16 00-0271	LF	2" No Hub Cast Iron Pipe	20.30	6.78
		For Below Ground Installation, Add	*0.51*	
		For Work In Restricted Working Space, Add	*3.07*	
22 13 16 00-0272	LF	3" No Hub Cast Iron Pipe	28.74	9.85
		For Below Ground Installation, Add	*0.74*	
		For Work In Restricted Working Space, Add	*4.45*	
22 13 16 00-0273	LF	4" No Hub Cast Iron Pipe	37.29	12.82
		For Below Ground Installation, Add	*0.96*	
		For Work In Restricted Working Space, Add	*5.78*	
22 13 16 00-0274	LF	5" No Hub Cast Iron Pipe	49.44	16.22
		For Below Ground Installation, Add	*1.22*	
		For Work In Restricted Working Space, Add	*7.30*	
22 13 16 00-0275	LF	6" No Hub Cast Iron Pipe	57.56	17.70
		For Below Ground Installation, Add	*1.33*	
		For Work In Restricted Working Space, Add	*7.95*	
22 13 16 00-0276	LF	8" No Hub Cast Iron Pipe	87.53	25.25
		For Below Ground Installation, Add	*1.89*	
		For Work In Restricted Working Space, Add	*11.34*	
22 13 16 00-0277	LF	10" No Hub Cast Iron Pipe	125.45	28.69
		For Below Ground Installation, Add	*2.15*	
		For Work In Restricted Working Space, Add	*12.89*	

22 13 16 00-0278 No Hub Cast Iron Fittings *(22 13 16 00-0268)*

22 13 16 00-0279 No Hub Cast Iron Long Sweeps *(22 13 16 00-0278)*

22 13 16 00-0280	EA	1-1/2" No Hub Cast Iron Long Sweep	69.35	28.82
		For Below Ground Installation, Add	*2.16*	
		For Work In Restricted Working Space, Add	*12.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0281	EA	2" No Hub Cast Iron Long Sweep	71.84	30.09
		For Below Ground Installation, Add	*2.25*	
		For Work In Restricted Working Space, Add	*13.52*	
22 13 16 00-0282	EA	3" No Hub Cast Iron Long Sweep	85.21	34.43
		For Below Ground Installation, Add	*2.58*	
		For Work In Restricted Working Space, Add	*15.50*	
22 13 16 00-0283	EA	4" No Hub Cast Iron Long Sweep	118.33	45.56
		For Below Ground Installation, Add	*3.42*	
		For Work In Restricted Working Space, Add	*20.51*	
22 13 16 00-0284	EA	5" No Hub Cast Iron Long Sweep	172.24	53.53
		For Below Ground Installation, Add	*4.01*	
		For Work In Restricted Working Space, Add	*24.07*	
22 13 16 00-0285	EA	6" No Hub Cast Iron Long Sweep	204.21	63.82
		For Below Ground Installation, Add	*4.79*	
		For Work In Restricted Working Space, Add	*28.73*	
22 13 16 00-0286	EA	8" No Hub Cast Iron Long Sweep	419.35	81.88
		For Below Ground Installation, Add	*6.14*	
		For Work In Restricted Working Space, Add	*36.84*	

22 13 16 00-0287 No Hub Cast Iron Reducing Long Sweeps *(22 13 16 00-0278)*

22 13 16 00-0288	EA	3" x 2" No Hub Cast Iron Reducing Long Sweep	112.84	34.43
		For Below Ground Installation, Add	*2.58*	
		For Work In Restricted Working Space, Add	*15.50*	
22 13 16 00-0289	EA	4" x 3" No Hub Cast Iron Reducing Long Sweep	170.97	45.56
		For Below Ground Installation, Add	*3.42*	
		For Work In Restricted Working Space, Add	*20.51*	

22 13 16 00-0290 No Hub Cast Iron Short Sweeps *(22 13 16 00-0278)*

22 13 16 00-0291	EA	2" No Hub Cast Iron Short Sweep	66.28	30.09
		For Below Ground Installation, Add	*2.25*	
		For Work In Restricted Working Space, Add	*13.52*	
22 13 16 00-0292	EA	3" No Hub Cast Iron Short Sweep	80.81	34.43
		For Below Ground Installation, Add	*2.58*	
		For Work In Restricted Working Space, Add	*15.50*	
22 13 16 00-0293	EA	4" No Hub Cast Iron Short Sweep	116.02	45.56
		For Below Ground Installation, Add	*3.42*	
		For Work In Restricted Working Space, Add	*20.51*	
22 13 16 00-0294	EA	5" No Hub Cast Iron Short Sweep	173.11	53.53
		For Below Ground Installation, Add	*4.01*	
		For Work In Restricted Working Space, Add	*24.07*	
22 13 16 00-0295	EA	6" No Hub Cast Iron Short Sweep	190.73	63.82
		For Below Ground Installation, Add	*4.79*	
		For Work In Restricted Working Space, Add	*28.73*	
22 13 16 00-0296	EA	8" No Hub Cast Iron Short Sweep	378.60	81.88
		For Below Ground Installation, Add	*6.14*	
		For Work In Restricted Working Space, Add	*36.84*	
22 13 16 00-0297	EA	10" No Hub Cast Iron Short Sweep	621.86	114.66
		For Below Ground Installation, Add	*8.60*	
		For Work In Restricted Working Space, Add	*51.58*	

22 13 16 00-0298 No Hub Cast Iron 1/4 Bends *(22 13 16 00-0278)*

22 13 16 00-0299	EA	1-1/2" No Hub Cast Iron 1/4 Bend	59.69	28.82
		For Below Ground Installation, Add	*2.16*	
		For Work In Restricted Working Space, Add	*12.98*	
22 13 16 00-0300	EA	2" No Hub Cast Iron 1/4 Bend	62.46	30.09
		For Below Ground Installation, Add	*2.25*	
		For Work In Restricted Working Space, Add	*13.52*	
22 13 16 00-0301	EA	3" No Hub Cast Iron 1/4 Bend	74.61	34.43
		For Below Ground Installation, Add	*2.58*	
		For Work In Restricted Working Space, Add	*15.50*	
22 13 16 00-0302	EA	4" No Hub Cast Iron 1/4 Bend	102.32	45.56
		For Below Ground Installation, Add	*3.42*	
		For Work In Restricted Working Space, Add	*20.51*	
22 13 16 00-0303	EA	5" No Hub Cast Iron 1/4 Bend	156.09	53.53
		For Below Ground Installation, Add	*4.01*	
		For Work In Restricted Working Space, Add	*24.07*	
22 13 16 00-0304	EA	6" No Hub Cast Iron 1/4 Bend	179.84	63.82
		For Below Ground Installation, Add	*4.79*	
		For Work In Restricted Working Space, Add	*28.73*	
22 13 16 00-0305	EA	8" No Hub Cast Iron 1/4 Bend	346.87	81.88
		For Below Ground Installation, Add	*6.14*	
		For Work In Restricted Working Space, Add	*36.84*	

22 13 16 00-0306 No Hub Cast Iron 1/8 Bends *(22 13 16 00-0278)*

22 13 16 00-0307	EA	1-1/2" No Hub Cast Iron 1/8 Bend	56.16	28.82
		For Below Ground Installation, Add	*2.16*	
		For Work In Restricted Working Space, Add	*12.98*	
22 13 16 00-0308	EA	2" No Hub Cast Iron 1/8 Bend	58.28	30.09
		For Below Ground Installation, Add	*2.25*	
		For Work In Restricted Working Space, Add	*13.52*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0309	EA	3" No Hub Cast Iron 1/8 Bend	70.50	34.43
		For Below Ground Installation, Add	*2.58*	
		For Work In Restricted Working Space, Add	*15.50*	
22 13 16 00-0310	EA	4" No Hub Cast Iron 1/8 Bend	93.09	45.56
		For Below Ground Installation, Add	*3.42*	
		For Work In Restricted Working Space, Add	*20.51*	
22 13 16 00-0311	EA	6" No Hub Cast Iron 1/8 Bend	157.37	67.28
		For Below Ground Installation, Add	*5.05*	
		For Work In Restricted Working Space, Add	*30.27*	
22 13 16 00-0312	EA	8" No Hub Cast Iron 1/8 Bend	282.74	88.36
		For Below Ground Installation, Add	*6.62*	
		For Work In Restricted Working Space, Add	*39.74*	
22 13 16 00-0313	EA	10" No Hub Cast Iron 1/8 Bend	446.49	108.71
		For Below Ground Installation, Add	*8.15*	
		For Work In Restricted Working Space, Add	*48.90*	

22 13 16 00-0314 No Hub Cast Iron Wyes *(22 13 16 00-0278)*

22 13 16 00-0315	EA	1-1/2" No Hub Cast Iron Wye	90.85	45.34
		For Below Ground Installation, Add	*3.40*	
		For Work In Restricted Working Space, Add	*20.38*	
22 13 16 00-0316	EA	2" No Hub Cast Iron Wye	115.35	61.45
		For Below Ground Installation, Add	*4.61*	
		For Work In Restricted Working Space, Add	*27.64*	
22 13 16 00-0317	EA	3" No Hub Cast Iron Wye	132.63	67.28
		For Below Ground Installation, Add	*5.05*	
		For Work In Restricted Working Space, Add	*30.27*	
22 13 16 00-0318	EA	4" No Hub Cast Iron Wye	183.94	88.36
		For Below Ground Installation, Add	*6.62*	
		For Work In Restricted Working Space, Add	*39.74*	
22 13 16 00-0319	EA	5" No Hub Cast Iron Wye	267.64	104.21
		For Below Ground Installation, Add	*7.81*	
		For Work In Restricted Working Space, Add	*46.87*	
22 13 16 00-0320	EA	6" No Hub Cast Iron Wye	317.56	123.71
		For Below Ground Installation, Add	*9.28*	
		For Work In Restricted Working Space, Add	*55.65*	
22 13 16 00-0321	EA	8" No Hub Cast Iron Wye	555.86	163.87
		For Below Ground Installation, Add	*12.28*	
		For Work In Restricted Working Space, Add	*73.68*	
22 13 16 00-0322	EA	10" No Hub Cast Iron Wye	944.67	182.03
		For Below Ground Installation, Add	*13.65*	
		For Work In Restricted Working Space, Add	*81.87*	

22 13 16 00-0323 No Hub Cast Iron Reducing Wyes *(22 13 16 00-0278)*

22 13 16 00-0324	EA	3" x 1-1/2" No Hub Cast Iron Reducing Wye	112.95	58.70
		For Below Ground Installation, Add	*4.40*	
		For Work In Restricted Working Space, Add	*26.38*	
22 13 16 00-0325	EA	3" x 2" No Hub Cast Iron Reducing Wye	125.92	67.28
		For Below Ground Installation, Add	*5.05*	
		For Work In Restricted Working Space, Add	*30.27*	
22 13 16 00-0326	EA	4" x 2" No Hub Cast Iron Reducing Wye	143.55	74.38
		For Below Ground Installation, Add	*5.58*	
		For Work In Restricted Working Space, Add	*33.46*	
22 13 16 00-0327	EA	4" x 3" No Hub Cast Iron Reducing Wye	166.83	82.64
		For Below Ground Installation, Add	*6.20*	
		For Work In Restricted Working Space, Add	*37.18*	
22 13 16 00-0328	EA	6" x 2" No Hub Cast Iron Reducing Wye	229.06	105.26
		For Below Ground Installation, Add	*7.89*	
		For Work In Restricted Working Space, Add	*47.36*	
22 13 16 00-0329	EA	6" x 3" No Hub Cast Iron Reducing Wye	245.17	110.03
		For Below Ground Installation, Add	*8.25*	
		For Work In Restricted Working Space, Add	*49.47*	
22 13 16 00-0330	EA	6" x 4" No Hub Cast Iron Reducing Wye	280.65	128.59
		For Below Ground Installation, Add	*9.64*	
		For Work In Restricted Working Space, Add	*57.82*	
22 13 16 00-0331	EA	8" x 4" No Hub Cast Iron Reducing Wye	370.81	128.84
		For Below Ground Installation, Add	*9.66*	
		For Work In Restricted Working Space, Add	*57.95*	
22 13 16 00-0332	EA	8" x 6" No Hub Cast Iron Reducing Wye	431.63	141.62
		For Below Ground Installation, Add	*10.61*	
		For Work In Restricted Working Space, Add	*63.68*	
22 13 16 00-0333	EA	10" x 4" No Hub Cast Iron Reducing Wye	690.80	150.87
		For Below Ground Installation, Add	*11.31*	
		For Work In Restricted Working Space, Add	*67.87*	
22 13 16 00-0334	EA	10" x 6" No Hub Cast Iron Reducing Wye	728.22	161.50
		For Below Ground Installation, Add	*12.11*	
		For Work In Restricted Working Space, Add	*72.65*	
22 13 16 00-0335	EA	10" x 8" No Hub Cast Iron Reducing Wye	842.26	172.47
		For Below Ground Installation, Add	*12.93*	
		For Work In Restricted Working Space, Add	*77.56*	

22 13 16 00-0336 No Hub Cast Iron Combination Wye And 1/8 Bends *(22 13 16 00-0278)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0337	EA	1-1/2" No Hub Cast Iron Combination Wye And 1/8 Bend	102.29	52.77
		For Below Ground Installation, Add	*3.95*	
		For Work In Restricted Working Space, Add	*23.72*	
22 13 16 00-0338	EA	2" No Hub Cast Iron Combination Wye And 1/8 Bend	116.29	61.45
		For Below Ground Installation, Add	*4.61*	
		For Work In Restricted Working Space, Add	*27.64*	
22 13 16 00-0339	EA	3" No Hub Cast Iron Combination Wye And 1/8 Bend	139.70	67.28
		For Below Ground Installation, Add	*5.05*	
		For Work In Restricted Working Space, Add	*30.27*	
22 13 16 00-0340	EA	4" No Hub Cast Iron Combination Wye And 1/8 Bend	203.92	88.36
		For Below Ground Installation, Add	*6.62*	
		For Work In Restricted Working Space, Add	*39.74*	
22 13 16 00-0341	EA	6" No Hub Cast Iron Combination Wye And 1/8 Bend	383.68	135.94
		For Below Ground Installation, Add	*10.19*	
		For Work In Restricted Working Space, Add	*61.13*	
22 13 16 00-0342	EA	8" No Hub Cast Iron Combination Wye And 1/8 Bend	712.94	174.39
		For Below Ground Installation, Add	*13.07*	
		For Work In Restricted Working Space, Add	*78.45*	
22 13 16 00-0343	EA	10" No Hub Cast Iron Combination Wye And 1/8 Bend	834.47	210.84
		For Below Ground Installation, Add	*15.80*	
		For Work In Restricted Working Space, Add	*94.83*	

22 13 16 00-0344 No Hub Cast Iron Reducing Combination Wye And 1/8 Bends *(22 13 16 00-0278)*

22 13 16 00-0345	EA	2" x 1-1/2" No Hub Cast Iron Reducing Combination Wye And 1/8 Bend	117.44	61.45
		For Below Ground Installation, Add	*4.61*	
		For Work In Restricted Working Space, Add	*27.64*	
22 13 16 00-0346	EA	3" x 2" No Hub Cast Iron Reducing Combination Wye And 1/8 Bend	129.46	67.28
		For Below Ground Installation, Add	*5.05*	
		For Work In Restricted Working Space, Add	*30.27*	
22 13 16 00-0347	EA	4" x 2" No Hub Cast Iron Reducing Combination Wye And 1/8 Bend	150.62	74.38
		For Below Ground Installation, Add	*5.58*	
		For Work In Restricted Working Space, Add	*33.46*	
22 13 16 00-0348	EA	4" x 3" No Hub Cast Iron Reducing Combination Wye And 1/8 Bend	173.68	82.64
		For Below Ground Installation, Add	*6.20*	
		For Work In Restricted Working Space, Add	*37.18*	
22 13 16 00-0349	EA	6" x 2" No Hub Cast Iron Reducing Combination Wye And 1/8 Bend	249.61	105.26
		For Below Ground Installation, Add	*7.89*	
		For Work In Restricted Working Space, Add	*47.36*	
22 13 16 00-0350	EA	6" x 3" No Hub Cast Iron Reducing Combination Wye And 1/8 Bend	281.08	110.03
		For Below Ground Installation, Add	*8.25*	
		For Work In Restricted Working Space, Add	*49.47*	
22 13 16 00-0351	EA	6" x 4" No Hub Cast Iron Reducing Combination Wye And 1/8 Bend	312.09	128.59
		For Below Ground Installation, Add	*9.64*	
		For Work In Restricted Working Space, Add	*57.82*	
22 13 16 00-0352	EA	8" x 4" No Hub Cast Iron Reducing Combination Wye And 1/8 Bend	429.58	128.84
		For Below Ground Installation, Add	*9.66*	
		For Work In Restricted Working Space, Add	*57.95*	
22 13 16 00-0353	EA	8" x 6" No Hub Cast Iron Reducing Combination Wye And 1/8 Bend	565.99	141.62
		For Below Ground Installation, Add	*10.61*	
		For Work In Restricted Working Space, Add	*63.68*	

22 13 16 00-0354 No Hub Cast Iron Double Wyes *(22 13 16 00-0278)*

22 13 16 00-0355	EA	2" No Hub Cast Iron Double Wye	146.92	76.39
		For Below Ground Installation, Add	*5.73*	
		For Work In Restricted Working Space, Add	*34.36*	
22 13 16 00-0356	EA	3" No Hub Cast Iron Double Wye	199.12	93.03
		For Below Ground Installation, Add	*6.97*	
		For Work In Restricted Working Space, Add	*41.82*	
22 13 16 00-0357	EA	4" No Hub Cast Iron Double Wye	275.34	101.72
		For Below Ground Installation, Add	*7.62*	
		For Work In Restricted Working Space, Add	*45.74*	
22 13 16 00-0358	EA	6" No Hub Cast Iron Double Wye	445.45	155.94
		For Below Ground Installation, Add	*11.69*	
		For Work In Restricted Working Space, Add	*70.11*	
22 13 16 00-0359	EA	8" No Hub Cast Iron Double Wye	886.01	208.46
		For Below Ground Installation, Add	*15.63*	
		For Work In Restricted Working Space, Add	*93.78*	

22 13 16 00-0360 No Hub Cast Iron Reducing Double Wyes *(22 13 16 00-0278)*

22 13 16 00-0361	EA	3" x 2" No Hub Cast Iron Double Wye	178.08	84.65
		For Below Ground Installation, Add	*6.34*	
		For Work In Restricted Working Space, Add	*38.06*	
22 13 16 00-0362	EA	4" x 2" No Hub Cast Iron Double Wye	214.95	97.48
		For Below Ground Installation, Add	*7.31*	
		For Work In Restricted Working Space, Add	*43.85*	
22 13 16 00-0363	EA	4" x 3" No Hub Cast Iron Double Wye	236.92	106.27
		For Below Ground Installation, Add	*7.97*	
		For Work In Restricted Working Space, Add	*47.80*	
22 13 16 00-0364	EA	6" x 4" No Hub Cast Iron Double Wye	377.83	137.49
		For Below Ground Installation, Add	*10.31*	
		For Work In Restricted Working Space, Add	*61.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0365		**No Hub Cast Iron Double Combination Wye And 1/8 Bends** *(22 13 16 00-0278)*		
22 13 16 00-0366	EA	2" No Hub Cast Iron Double Combination Wye And 1/8 Bend	194.36	91.76
		For Below Ground Installation, Add	*6.88*	
		For Work In Restricted Working Space, Add	*41.28*	
22 13 16 00-0367	EA	3" No Hub Cast Iron Double Combination Wye And 1/8 Bend	240.36	101.72
		For Below Ground Installation, Add	*7.62*	
		For Work In Restricted Working Space, Add	*45.74*	
22 13 16 00-0368	EA	4" No Hub Cast Iron Double Combination Wye And 1/8 Bend	369.71	134.66
		For Below Ground Installation, Add	*10.09*	
		For Work In Restricted Working Space, Add	*60.55*	
22 13 16 00-0369	EA	6" No Hub Cast Iron Double Combination Wye And 1/8 Bend	507.64	207.88
		For Below Ground Installation, Add	*15.58*	
		For Work In Restricted Working Space, Add	*93.49*	
22 13 16 00-0370		**No Hub Cast Iron Reducing Double Combination Wye And 1/8 Bends** *(22 13 16 00-0278)*		
22 13 16 00-0371	EA	3" x 2" No Hub Cast Iron Reducing Double Combination Wye And 1/8 Bend	184.22	78.93
		For Below Ground Installation, Add	*5.92*	
		For Work In Restricted Working Space, Add	*35.51*	
22 13 16 00-0372	EA	4" x 2" No Hub Cast Iron Reducing Double Combination Wye And 1/8 Bend	213.47	91.76
		For Below Ground Installation, Add	*6.88*	
		For Work In Restricted Working Space, Add	*41.28*	
22 13 16 00-0373	EA	4" x 3" No Hub Cast Iron Reducing Double Combination Wye And 1/8 Bend	260.56	100.23
		For Below Ground Installation, Add	*7.51*	
		For Work In Restricted Working Space, Add	*45.09*	
22 13 16 00-0374		**No Hub Cast Iron Sanitary Tees** *(22 13 16 00-0278)*		
22 13 16 00-0375	EA	1-1/2" No Hub Cast Iron Sanitary Tee	88.42	44.40
		For Below Ground Installation, Add	*3.33*	
		For Work In Restricted Working Space, Add	*19.99*	
22 13 16 00-0376	EA	2" No Hub Cast Iron Sanitary Tee	116.51	61.45
		For Below Ground Installation, Add	*4.61*	
		For Work In Restricted Working Space, Add	*27.64*	
22 13 16 00-0377	EA	3" No Hub Cast Iron Sanitary Tee	130.03	67.28
		For Below Ground Installation, Add	*5.05*	
		For Work In Restricted Working Space, Add	*30.27*	
22 13 16 00-0378	EA	4" No Hub Cast Iron Sanitary Tee	178.03	88.36
		For Below Ground Installation, Add	*6.62*	
		For Work In Restricted Working Space, Add	*39.74*	
22 13 16 00-0379	EA	5" No Hub Cast Iron Sanitary Tee	268.87	104.21
		For Below Ground Installation, Add	*7.81*	
		For Work In Restricted Working Space, Add	*46.87*	
22 13 16 00-0380	EA	6" No Hub Cast Iron Sanitary Tee	316.69	123.71
		For Below Ground Installation, Add	*9.28*	
		For Work In Restricted Working Space, Add	*55.65*	
22 13 16 00-0381	EA	8" No Hub Cast Iron Sanitary Tee	628.77	163.87
		For Below Ground Installation, Add	*12.28*	
		For Work In Restricted Working Space, Add	*73.68*	
22 13 16 00-0382		**No Hub Cast Iron Reducing Sanitary Tees** *(22 13 16 00-0278)*		
22 13 16 00-0383	EA	2" x 1-1/2" No Hub Cast Iron Reducing Sanitary Tee	99.52	50.12
		For Below Ground Installation, Add	*3.76*	
		For Work In Restricted Working Space, Add	*22.54*	
22 13 16 00-0384	EA	3" x 1-1/2" No Hub Cast Iron Reducing Sanitary Tee	114.97	58.70
		For Below Ground Installation, Add	*4.40*	
		For Work In Restricted Working Space, Add	*26.38*	
22 13 16 00-0385	EA	3" x 2" No Hub Cast Iron Reducing Sanitary Tee	119.17	61.45
		For Below Ground Installation, Add	*4.61*	
		For Work In Restricted Working Space, Add	*27.64*	
22 13 16 00-0386	EA	3" x 4" No Hub Cast Iron Reducing Sanitary Tee	147.08	61.45
		For Below Ground Installation, Add	*4.61*	
		For Work In Restricted Working Space, Add	*27.64*	
22 13 16 00-0387	EA	4" x 2" No Hub Cast Iron Reducing Sanitary Tee	159.34	83.17
		For Below Ground Installation, Add	*6.23*	
		For Work In Restricted Working Space, Add	*37.40*	
22 13 16 00-0388	EA	4" x 3" No Hub Cast Iron Reducing Sanitary Tee	166.12	83.17
		For Below Ground Installation, Add	*6.23*	
		For Work In Restricted Working Space, Add	*37.40*	
22 13 16 00-0389	EA	5" x 2" No Hub Cast Iron Reducing Sanitary Tee	228.97	99.00
		For Below Ground Installation, Add	*7.42*	
		For Work In Restricted Working Space, Add	*44.52*	
22 13 16 00-0390	EA	5" x 3" No Hub Cast Iron Reducing Sanitary Tee	238.41	99.00
		For Below Ground Installation, Add	*7.42*	
		For Work In Restricted Working Space, Add	*44.52*	
22 13 16 00-0391	EA	5" x 4" No Hub Cast Iron Reducing Sanitary Tee	239.57	99.00
		For Below Ground Installation, Add	*7.42*	
		For Work In Restricted Working Space, Add	*44.52*	
22 13 16 00-0392	EA	6" x 4" No Hub Cast Iron Reducing Sanitary Tee	248.43	103.15
		For Below Ground Installation, Add	*7.73*	
		For Work In Restricted Working Space, Add	*46.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0393	EA	8" x 6" No Hub Cast Iron Reducing Sanitary Tee	492.65	138.19
		For Below Ground Installation, Add	*10.36*	
		For Work In Restricted Working Space, Add	*62.14*	

22 13 16 00-0394 No Hub Cast Iron Sanitary Tapped Tees *(22 13 16 00-0278)*

22 13 16 00-0395	EA	2" x 1-1/2 Or 1-1/4" No Hub Cast Iron Sanitary Tapped Tee	69.53	30.09
		For Below Ground Installation, Add	*2.25*	
		For Work In Restricted Working Space, Add	*13.52*	
22 13 16 00-0396	EA	3" x 1-1/2 Or 1-1/4" No Hub Cast Iron Sanitary Tapped Tee	81.03	34.43
		For Below Ground Installation, Add	*2.58*	
		For Work In Restricted Working Space, Add	*15.50*	
22 13 16 00-0397	EA	4" x 1-1/2 Or 1-1/4" No Hub Cast Iron Sanitary Tapped Tee	98.35	45.56
		For Below Ground Installation, Add	*3.42*	
		For Work In Restricted Working Space, Add	*20.51*	

22 13 16 00-0398 No Hub Cast Iron Cleanout Tees *(22 13 16 00-0278)*

22 13 16 00-0399	EA	2" No Hub Cast Iron Cleanout Tee	65.27	30.09
		For Below Ground Installation, Add	*2.25*	
		For Work In Restricted Working Space, Add	*13.52*	
22 13 16 00-0400	EA	3" No Hub Cast Iron Cleanout Tee	84.13	34.43
		For Below Ground Installation, Add	*2.58*	
		For Work In Restricted Working Space, Add	*15.50*	
22 13 16 00-0401	EA	4" No Hub Cast Iron Cleanout Tee	125.39	45.56
		For Below Ground Installation, Add	*3.42*	
		For Work In Restricted Working Space, Add	*20.51*	
22 13 16 00-0402	EA	6" No Hub Cast Iron Cleanout Tee	212.18	67.28
		For Below Ground Installation, Add	*5.05*	
		For Work In Restricted Working Space, Add	*30.27*	

22 13 16 00-0403 No Hub Cast Iron Two-Way Cleanout Tees *(22 13 16 00-0278)*

22 13 16 00-0404	EA	4" No Hub Cast Iron Single Two-Way Cleanout Tee	295.34	88.36
		For Below Ground Installation, Add	*6.62*	
		For Work In Restricted Working Space, Add	*39.74*	
22 13 16 00-0405	EA	4" No Hub Cast Iron Double Two-Way Cleanout Tee	352.56	134.24
		For Below Ground Installation, Add	*10.07*	
		For Work In Restricted Working Space, Add	*60.39*	

22 13 16 00-0406 No Hub Cast Iron Cleanout Plugs *(22 13 16 00-0278)*

22 13 16 00-0407	EA	2" No Hub Cast Iron Cleanout Plug	53.66	30.09
		For Below Ground Installation, Add	*2.25*	
		For Work In Restricted Working Space, Add	*13.52*	
22 13 16 00-0408	EA	3" No Hub Cast Iron Cleanout Plug	65.17	34.43
		For Below Ground Installation, Add	*2.58*	
		For Work In Restricted Working Space, Add	*15.50*	
22 13 16 00-0409	EA	4" No Hub Cast Iron Cleanout Plug	93.95	45.56
		For Below Ground Installation, Add	*3.42*	
		For Work In Restricted Working Space, Add	*20.51*	
22 13 16 00-0410	EA	6" No Hub Cast Iron Cleanout Plug	148.71	67.28
		For Below Ground Installation, Add	*5.05*	
		For Work In Restricted Working Space, Add	*30.27*	
22 13 16 00-0411	EA	8" No Hub Cast Iron Cleanout Plug	198.15	88.36
		For Below Ground Installation, Add	*6.62*	
		For Work In Restricted Working Space, Add	*39.74*	

22 13 16 00-0412 No Hub Cast Iron Sanitary Crosses *(22 13 16 00-0278)*

22 13 16 00-0413	EA	1-1/2" No Hub Cast Iron Sanitary Cross	118.46	59.34
		For Below Ground Installation, Add	*4.45*	
		For Work In Restricted Working Space, Add	*26.71*	
22 13 16 00-0414	EA	2" No Hub Cast Iron Sanitary Cross	128.91	61.45
		For Below Ground Installation, Add	*4.61*	
		For Work In Restricted Working Space, Add	*27.64*	
22 13 16 00-0415	EA	3" No Hub Cast Iron Sanitary Cross	158.81	67.28
		For Below Ground Installation, Add	*5.05*	
		For Work In Restricted Working Space, Add	*30.27*	
22 13 16 00-0416	EA	4" No Hub Cast Iron Sanitary Cross	241.27	88.36
		For Below Ground Installation, Add	*6.62*	
		For Work In Restricted Working Space, Add	*39.74*	

22 13 16 00-0417 No Hub Cast Iron Reducing Sanitary Crosses *(22 13 16 00-0278)*

22 13 16 00-0418	EA	3" x 2" No Hub Cast Iron Sanitary Cross	170.42	78.93
		For Below Ground Installation, Add	*5.92*	
		For Work In Restricted Working Space, Add	*35.51*	
22 13 16 00-0419	EA	4" x 2" No Hub Cast Iron Sanitary Cross	195.40	81.27
		For Below Ground Installation, Add	*6.09*	
		For Work In Restricted Working Space, Add	*36.55*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0420	EA	4" x 3" No Hub Cast Iron Sanitary Cross	215.95	84.87
		For Below Ground Installation, Add	*6.36*	
		For Work In Restricted Working Space, Add	*38.15*	

22 13 16 00-0421 No Hub Cast Iron Reducers *(22 13 16 00-0278)*

22 13 16 00-0422	EA	3" x 2" No Hub Cast Iron Reducer	104.46	61.45
		For Below Ground Installation, Add	*4.61*	
		For Work In Restricted Working Space, Add	*27.64*	
22 13 16 00-0423	EA	4" x 2" No Hub Cast Iron Reducer	143.47	83.17
		For Below Ground Installation, Add	*6.23*	
		For Work In Restricted Working Space, Add	*37.40*	
22 13 16 00-0424	EA	4" x 3" No Hub Cast Iron Reducer	144.05	83.17
		For Below Ground Installation, Add	*6.23*	
		For Work In Restricted Working Space, Add	*37.40*	
22 13 16 00-0425	EA	5" x 2" No Hub Cast Iron Reducer	176.03	99.00
		For Below Ground Installation, Add	*7.42*	
		For Work In Restricted Working Space, Add	*44.52*	
22 13 16 00-0426	EA	5" x 3" No Hub Cast Iron Reducer	179.85	99.00
		For Below Ground Installation, Add	*7.42*	
		For Work In Restricted Working Space, Add	*44.52*	
22 13 16 00-0427	EA	5" x 4" No Hub Cast Iron Reducer	181.37	99.00
		For Below Ground Installation, Add	*7.42*	
		For Work In Restricted Working Space, Add	*44.52*	
22 13 16 00-0428	EA	6" x 3" No Hub Cast Iron Reducer	212.57	110.03
		For Below Ground Installation, Add	*8.25*	
		For Work In Restricted Working Space, Add	*49.47*	
22 13 16 00-0429	EA	6" x 4" No Hub Cast Iron Reducer	213.15	110.03
		For Below Ground Installation, Add	*8.25*	
		For Work In Restricted Working Space, Add	*49.47*	
22 13 16 00-0430	EA	6" x 5" No Hub Cast Iron Reducer	214.88	110.03
		For Below Ground Installation, Add	*8.25*	
		For Work In Restricted Working Space, Add	*49.47*	
22 13 16 00-0431	EA	8" x 2" No Hub Cast Iron Reducer	292.78	152.91
		For Below Ground Installation, Add	*11.46*	
		For Work In Restricted Working Space, Add	*68.77*	
22 13 16 00-0432	EA	8" x 3" No Hub Cast Iron Reducer	297.17	152.91
		For Below Ground Installation, Add	*11.46*	
		For Work In Restricted Working Space, Add	*68.77*	
22 13 16 00-0433	EA	8" x 4" No Hub Cast Iron Reducer	304.24	152.91
		For Below Ground Installation, Add	*11.46*	
		For Work In Restricted Working Space, Add	*68.77*	
22 13 16 00-0434	EA	8" x 5" No Hub Cast Iron Reducer	311.60	152.91
		For Below Ground Installation, Add	*11.46*	
		For Work In Restricted Working Space, Add	*68.77*	
22 13 16 00-0435	EA	8" x 6" No Hub Cast Iron Reducer	312.46	152.91
		For Below Ground Installation, Add	*11.46*	
		For Work In Restricted Working Space, Add	*68.77*	
22 13 16 00-0436	EA	10" x 4" No Hub Cast Iron Reducer	378.22	161.29
		For Below Ground Installation, Add	*12.09*	
		For Work In Restricted Working Space, Add	*72.53*	
22 13 16 00-0437	EA	10" x 6" No Hub Cast Iron Reducer	405.41	168.38
		For Below Ground Installation, Add	*12.63*	
		For Work In Restricted Working Space, Add	*75.76*	
22 13 16 00-0438	EA	10" x 8" No Hub Cast Iron Reducer	457.19	182.78
		For Below Ground Installation, Add	*13.70*	
		For Work In Restricted Working Space, Add	*82.20*	

22 13 16 00-0439 No Hub Cast Iron Blind Plugs *(22 13 16 00-0278)*

22 13 16 00-0440	EA	1-1/2" No Hub Cast Iron Blind Plug	28.70	14.42
		For Below Ground Installation, Add	*1.08*	
		For Work In Restricted Working Space, Add	*6.49*	
22 13 16 00-0441	EA	2" No Hub Cast Iron Blind Plug	29.33	15.04
		For Below Ground Installation, Add	*1.13*	
		For Work In Restricted Working Space, Add	*6.77*	
22 13 16 00-0442	EA	3" No Hub Cast Iron Blind Plug	37.88	17.27
		For Below Ground Installation, Add	*1.29*	
		For Work In Restricted Working Space, Add	*7.75*	
22 13 16 00-0443	EA	4" No Hub Cast Iron Blind Plug	50.30	22.78
		For Below Ground Installation, Add	*1.71*	
		For Work In Restricted Working Space, Add	*10.25*	
22 13 16 00-0444	EA	5" No Hub Cast Iron Blind Plug	70.81	27.25
		For Below Ground Installation, Add	*2.04*	
		For Work In Restricted Working Space, Add	*12.24*	
22 13 16 00-0445	EA	6" No Hub Cast Iron Blind Plug	78.20	31.90
		For Below Ground Installation, Add	*2.40*	
		For Work In Restricted Working Space, Add	*14.37*	
22 13 16 00-0446	EA	8" No Hub Cast Iron Blind Plug	156.92	40.94
		For Below Ground Installation, Add	*3.07*	
		For Work In Restricted Working Space, Add	*18.41*	
22 13 16 00-0447	EA	10" No Hub Cast Iron Blind Plug	203.46	44.06
		For Below Ground Installation, Add	*3.30*	
		For Work In Restricted Working Space, Add	*19.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

22 13 16 00-0448 No Hub Cast Iron P-Traps *(22 13 16 00-0278)*

22 13 16 00-0449	EA	2" No Hub Cast Iron P-Trap	70.10	30.09
		For Below Ground Installation, Add	*2.25*	
		For Work In Restricted Working Space, Add	*13.52*	
22 13 16 00-0450	EA	3" No Hub Cast Iron P-Trap	108.72	34.43
		For Below Ground Installation, Add	*2.58*	
		For Work In Restricted Working Space, Add	*15.50*	
22 13 16 00-0451	EA	4" No Hub Cast Iron P-Trap	167.44	45.56
		For Below Ground Installation, Add	*3.42*	
		For Work In Restricted Working Space, Add	*20.51*	
22 13 16 00-0452	EA	5" No Hub Cast Iron P-Trap	307.59	53.96
		For Below Ground Installation, Add	*4.04*	
		For Work In Restricted Working Space, Add	*24.26*	
22 13 16 00-0453	EA	6" No Hub Cast Iron P-Trap	323.41	64.35
		For Below Ground Installation, Add	*4.82*	
		For Work In Restricted Working Space, Add	*28.94*	

22 13 16 00-0454 No Hub Cast Iron Deep Seal P-Traps *(22 13 16 00-0278)*

22 13 16 00-0455	EA	2" No Hub Cast Iron Deep Seal P-Trap	116.98	38.25
		For Below Ground Installation, Add	*2.86*	
		For Work In Restricted Working Space, Add	*17.18*	
22 13 16 00-0456	EA	3" No Hub Cast Iron Deep Seal P-Trap	171.49	50.85
		For Below Ground Installation, Add	*3.81*	
		For Work In Restricted Working Space, Add	*22.87*	
22 13 16 00-0457	EA	4" No Hub Cast Iron Deep Seal P-Trap	253.54	67.17
		For Below Ground Installation, Add	*5.03*	
		For Work In Restricted Working Space, Add	*30.20*	

22 13 16 00-0458 No Hub Cast Iron Closet Flanges *(22 13 16 00-0278)*

22 13 16 00-0459	EA	4" No Hub Cast Iron Closet Flange	108.01	45.56
		For Below Ground Installation, Add	*3.42*	
		For Work In Restricted Working Space, Add	*20.51*	
22 13 16 00-0460	EA	4" x 2-1/2" No Hub Cast Iron Offset Closet Flange	116.25	45.56
		For Below Ground Installation, Add	*3.42*	
		For Work In Restricted Working Space, Add	*20.51*	

22 13 16 00-0461 No Hub Cast Iron Closet Bends *(22 13 16 00-0278)*

22 13 16 00-0462	EA	4" x 16" No Hub Cast Iron Closet Bend	223.62	45.56
		For Below Ground Installation, Add	*3.42*	
		For Work In Restricted Working Space, Add	*20.51*	

22 13 16 00-0463 No Hub Cast Iron Threaded Adapter *(22 13 16 00-0278)*

22 13 16 00-0464	EA	1-1/4" No Hub Cast Iron Threaded Adapter	78.76	38.25
		For Below Ground Installation, Add	*2.86*	
		For Work In Restricted Working Space, Add	*17.18*	
22 13 16 00-0465	EA	1-1/2" No Hub Cast Iron Threaded Adapter	85.40	38.25
		For Below Ground Installation, Add	*2.86*	
		For Work In Restricted Working Space, Add	*17.18*	

22 13 16 00-0466 No Hub Couplings *(22 13 16 00-0278)*

Note: Includes stainless steel shield/clamps assembly with elastomeric gasket, ASTM C 564. (Fernco NH). Labor costs are included in the installation costs for fittings.

22 13 16 00-0467	EA	1-1/2" No Hub Coupling	10.35	
		For Medium Duty (Fernco MD-2000), Add	*1.35*	
		For Heavy Duty (Fernco HD-4000), Add	*2.79*	
22 13 16 00-0468	EA	2" No Hub Coupling	10.35	
		For Medium Duty (Fernco MD-2000), Add	*1.35*	
		For Heavy Duty (Fernco HD-4000), Add	*2.79*	
22 13 16 00-0469	EA	3" No Hub Coupling	12.29	
		For Medium Duty (Fernco MD-2000), Add	*1.60*	
		For Heavy Duty (Fernco HD-4000), Add	*3.32*	
22 13 16 00-0470	EA	4" No Hub Coupling	14.59	
		For Medium Duty (Fernco MD-2000), Add	*1.90*	
		For Heavy Duty (Fernco HD-4000), Add	*3.94*	
22 13 16 00-0471	EA	5" No Hub Coupling	33.73	
		For Medium Duty (Fernco MD-2000), Add	*4.38*	
		For Heavy Duty (Fernco HD-4000), Add	*9.11*	
22 13 16 00-0472	EA	6" No Hub Coupling	37.07	
		For Medium Duty (Fernco MD-2000), Add	*4.82*	
		For Heavy Duty (Fernco HD-4000), Add	*10.01*	
22 13 16 00-0473	EA	8" No Hub Coupling	69.83	
		For Medium Duty (Fernco MD-2000), Add	*9.08*	
		For Heavy Duty (Fernco HD-4000), Add	*18.85*	
22 13 16 00-0474	EA	10" No Hub Coupling	96.20	
		For Medium Duty (Fernco MD-2000), Add	*12.51*	
		For Heavy Duty (Fernco HD-4000), Add	*25.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0475	EA	2" x 1-1/2" No Hub Reducing Coupling	12.29	
22 13 16 00-0476	EA	3" x 2" No Hub Reducing Coupling	19.06	
22 13 16 00-0477	EA	4" x 2" No Hub Reducing Coupling	26.59	
22 13 16 00-0478	EA	4" x 3" No Hub Reducing Coupling	22.65	

22 13 16 00-0479 Cast Iron Mechanical Joint Couplings With Neoprene Gasket And Bolts *(22 13 16 00-0278)*

Note: For underground connections. Labor costs are included in the installation costs for fittings. See CSI section 22 13 16 00-0870 for additional FERNCO couplings.

22 13 16 00-0480	EA	1-1/2" Cast Iron Mechanical Joint Coupling With Neoprene Gasket And Bolts	47.51	
22 13 16 00-0481	EA	2" Cast Iron Mechanical Joint Coupling With Neoprene Gasket And Bolts	49.04	
22 13 16 00-0482	EA	3" Cast Iron Mechanical Joint Coupling With Neoprene Gasket And Bolts	51.49	
22 13 16 00-0483	EA	4" Cast Iron Mechanical Joint Coupling With Neoprene Gasket And Bolts	60.07	
22 13 16 00-0484	EA	5" Cast Iron Mechanical Joint Coupling With Neoprene Gasket And Bolts	113.40	
22 13 16 00-0485	EA	6" Cast Iron Mechanical Joint Coupling With Neoprene Gasket And Bolts	155.70	
22 13 16 00-0486	EA	8" Cast Iron Mechanical Joint Coupling With Neoprene Gasket And Bolts	272.78	
22 13 16 00-0487	EA	10" Cast Iron Mechanical Joint Coupling With Neoprene Gasket And Bolts	416.84	

22 13 16 00-0488 Cut And Prepare Existing Pipe In-Place *(22 13 16 00-0268)*

Note: For use when connecting pipe to an existing in-place system.

22 13 16 00-0489	EA	Cut And Prepare 1-1/2" Cast Iron Pipe, No Hub	10.35	
		For Work In Restricted Working Space, Add	*3.11*	
22 13 16 00-0490	EA	Cut And Prepare 2" Cast Iron Pipe, No Hub	12.66	
		For Work In Restricted Working Space, Add	*3.80*	
22 13 16 00-0491	EA	Cut And Prepare 3" Cast Iron Pipe, No Hub	13.81	
		For Work In Restricted Working Space, Add	*4.14*	
22 13 16 00-0492	EA	Cut And Prepare 4" Cast Iron Pipe, No Hub	17.26	
		For Work In Restricted Working Space, Add	*5.18*	
22 13 16 00-0493	EA	Cut And Prepare 6" Cast Iron Pipe, No Hub	20.71	
		For Work In Restricted Working Space, Add	*6.21*	
22 13 16 00-0494	EA	Cut And Prepare 8" Cast Iron Pipe, No Hub	27.62	
		For Work In Restricted Working Space, Add	*8.29*	
22 13 16 00-0495	EA	Cut And Prepare 10" Cast Iron Pipe, No Hub	32.22	
		For Work In Restricted Working Space, Add	*9.67*	

22 13 16 00-0496 Copper Drain-Waste-Vent (DWV) Pipe *(22 13 16)*

See CSI section 22 11 16 00-0450 for copper and brass fittings.

22 13 16 00-0497	LF	1-1/4" Hard Drawn DWV Copper Tube/Pipe	17.08	4.98
22 13 16 00-0498	LF	1-1/2" Hard Drawn DWV Copper Tube/Pipe	20.41	5.56
22 13 16 00-0499	LF	2" Hard Drawn DWV Copper Tube/Pipe	26.29	6.86
22 13 16 00-0500	LF	3" Hard Drawn DWV Copper Tube/Pipe	56.40	9.50
22 13 16 00-0501	LF	4" Hard Drawn DWV Copper Tube/Pipe	79.06	10.72
22 13 16 00-0502	LF	5" Hard Drawn DWV Copper Tube/Pipe	156.30	12.31
22 13 16 00-0503	LF	6" Hard Drawn DWV Copper Tube/Pipe	222.75	19.08

22 13 16 00-0504 Polyvinyl Chloride (PVC) Drain-Waste-Vent (DWV) Pipe And Fittings *(22 13 16)*

Note: Aboveground installation. See CSI section 33 31 11 00-0019 for underground installation.

22 13 16 00-0505 Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assemblies *(22 13 16 00-0504)*

22 13 16 00-0506 Underground Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assemblies *(22 13 16 00-0505)*

Note: Includes all fittings. Fittings are assumed every 20'. Excludes excavation, backfill and compaction. Not for use where detail is available.Not for use where detail is available.

22 13 16 00-0507	LF	1-1/2" Underground Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly Note: Includes all fittings and couplings. Fittings are assumed every 20'. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available.	13.51	
		For Work In Restricted Working Space, Add	*2.48*	
22 13 16 00-0508	LF	2" Underground Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly Note: Includes all fittings and couplings. Fittings are assumed every 20'. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available.	16.31	
		For Work In Restricted Working Space, Add	*3.02*	
22 13 16 00-0509	LF	3" Underground Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly Note: Includes all fittings and couplings. Fittings are assumed every 20'. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available.	27.41	
		For Work In Restricted Working Space, Add	*4.27*	
22 13 16 00-0510	LF	4" Underground Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly Note: Includes all fittings and couplings. Fittings are assumed every 20'. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available.	35.85	
		For Work In Restricted Working Space, Add	*4.71*	
22 13 16 00-0511	LF	6" Underground Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly Note: Includes all fittings and couplings. Fittings are assumed every 20'. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available.	65.15	
		For Work In Restricted Working Space, Add	*6.06*	
22 13 16 00-0512	LF	8" Underground Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly Note: Includes all fittings and couplings. Fittings are assumed every 20'. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available.	93.90	
		For Work In Restricted Working Space, Add	*8.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0513	LF	10" Underground Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly Note: Includes all fittings and couplings. Fittings are assumed every 20'. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available.	137.10	
		For Work In Restricted Working Space, Add	*10.80*	

22 13 16 00-0514 Aboveground Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assemblies

(22 13 16 00-0505)

Note: Includes all hangers and couplings, elbow, tee and reducer fittings. All hangers are complete assemblies installed in accordance with uniform plumbing code. Not for use where detail is available.

22 13 16 00-0515	LF	1-1/2" Aboveground Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	27.27	4.45
		For Work In Restricted Working Space, Add	*5.10*	
22 13 16 00-0516	LF	2" Aboveground Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	30.67	5.30
		For Work In Restricted Working Space, Add	*5.67*	
22 13 16 00-0517	LF	3" Aboveground Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	44.59	7.63
		For Work In Restricted Working Space, Add	*7.05*	
22 13 16 00-0518	LF	4" Aboveground Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	56.53	8.26
		For Work In Restricted Working Space, Add	*7.70*	
22 13 16 00-0519	LF	6" Aboveground Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	89.02	10.60
		For Work In Restricted Working Space, Add	*9.86*	
22 13 16 00-0520	LF	8" Aboveground Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	119.07	14.09
		For Work In Restricted Working Space, Add	*11.30*	
22 13 16 00-0521	LF	10" Aboveground Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	167.85	18.86
		For Work In Restricted Working Space, Add	*14.73*	

22 13 16 00-0522 Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe *(22 13 16 00-0504)*

Note: Excludes fittings or hangers.

22 13 16 00-0523 Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe (ASTM D-2665) *(22 13 16 00-0522)*

Note: Excludes fittings or hangers.

22 13 16 00-0524	LF	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe	10.49	4.45
		For Work In Restricted Working Space, Add	*1.99*	
22 13 16 00-0525	LF	2" Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe	13.00	5.30
		For Work In Restricted Working Space, Add	*2.38*	
22 13 16 00-0526	LF	3" Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe	21.54	7.63
		For Work In Restricted Working Space, Add	*3.42*	
22 13 16 00-0527	LF	4" Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe	26.69	8.26
		For Work In Restricted Working Space, Add	*3.71*	
22 13 16 00-0528	LF	6" Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe	41.42	10.60
		For Work In Restricted Working Space, Add	*4.76*	
22 13 16 00-0529	LF	8" Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe	59.96	14.10
		For Work In Restricted Working Space, Add	*6.36*	
22 13 16 00-0530	LF	10" Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe	87.64	18.87
		For Work In Restricted Working Space, Add	*8.48*	

22 13 16 00-0531 Schedule 40 Polyvinyl Chloride (PVC) DWV "Foam-Core" Pipe (ASTM F-891) *(22 13 16 00-0522)*

Note: Excludes fittings or hangers.

22 13 16 00-0532	LF	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) DWV "Foam-Core" Pipe	9.33	4.45
		For Work In Restricted Working Space, Add	*1.99*	
22 13 16 00-0533	LF	2" Schedule 40 Polyvinyl Chloride (PVC) DWV "Foam-Core" Pipe	11.64	5.30
		For Work In Restricted Working Space, Add	*2.38*	
22 13 16 00-0534	LF	3" Schedule 40 Polyvinyl Chloride (PVC) DWV "Foam-Core" Pipe	18.95	7.63
		For Work In Restricted Working Space, Add	*3.42*	
22 13 16 00-0535	LF	4" Schedule 40 Polyvinyl Chloride (PVC) DWV "Foam-Core" Pipe	23.25	8.26
		For Work In Restricted Working Space, Add	*3.71*	
22 13 16 00-0536	LF	6" Schedule 40 Polyvinyl Chloride (PVC) DWV "Foam-Core" Pipe	35.01	10.60
		For Work In Restricted Working Space, Add	*4.76*	
22 13 16 00-0537	LF	8" Schedule 40 Polyvinyl Chloride (PVC) DWV "Foam-Core" Pipe	50.95	14.10
		For Work In Restricted Working Space, Add	*6.36*	
22 13 16 00-0538	LF	10" Schedule 40 Polyvinyl Chloride (PVC) DWV "Foam-Core" Pipe	77.84	18.87
		For Work In Restricted Working Space, Add	*8.48*	

22 13 16 00-0539 Polyvinyl Chloride (PVC) DWV Fittings (ASTM D-2665) *(22 13 16 00-0504)*

22 13 16 00-0540 Polyvinyl Chloride (PVC) DWV 1/4 Bends *(22 13 16 00-0539)*

22 13 16 00-0541	EA	1-1/2" Polyvinyl Chloride (PVC) DWV 1/4 Bends	34.10	17.69
		For Work In Restricted Working Space, Add	*7.95*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0542	EA	2" Polyvinyl Chloride (PVC) DWV 1/4 Bends	43.57	22.57
		For Work In Restricted Working Space, Add	*10.17*	
22 13 16 00-0543	EA	3" Polyvinyl Chloride (PVC) DWV 1/4 Bends	75.57	30.30
		For Work In Restricted Working Space, Add	*13.67*	
22 13 16 00-0544	EA	4" Polyvinyl Chloride (PVC) DWV 1/4 Bends	116.67	35.28
		For Work In Restricted Working Space, Add	*15.89*	
22 13 16 00-0545	EA	6" Polyvinyl Chloride (PVC) DWV 1/4 Bends	456.41	45.88
		For Work In Restricted Working Space, Add	*20.66*	
22 13 16 00-0546	EA	8" Polyvinyl Chloride (PVC) DWV 1/4 Bends	756.54	61.78
		For Work In Restricted Working Space, Add	*27.81*	
22 13 16 00-0547	EA	10" Polyvinyl Chloride (PVC) DWV 1/4 Bends	998.81	82.33
		For Work In Restricted Working Space, Add	*37.08*	

22 13 16 00-0548 Polyvinyl Chloride (PVC) DWV Long Sweep 1/4 Bends *(22 13 16 00-0539)*

22 13 16 00-0549	EA	1-1/2" Polyvinyl Chloride (PVC) DWV Long Sweep 1/4 Bends	55.48	17.69
		For Work In Restricted Working Space, Add	*7.95*	
22 13 16 00-0550	EA	2" Polyvinyl Chloride (PVC) DWV Long Sweep 1/4 Bends	55.87	22.57
		For Work In Restricted Working Space, Add	*10.17*	
22 13 16 00-0551	EA	3" Polyvinyl Chloride (PVC) DWV Long Sweep 1/4 Bends	107.20	30.30
		For Work In Restricted Working Space, Add	*13.67*	
22 13 16 00-0552	EA	4" Polyvinyl Chloride (PVC) DWV Long Sweep 1/4 Bends	174.65	35.28
		For Work In Restricted Working Space, Add	*15.89*	
22 13 16 00-0553	EA	6" Polyvinyl Chloride (PVC) DWV Long Sweep 1/4 Bends	344.42	45.88
		For Work In Restricted Working Space, Add	*20.66*	
22 13 16 00-0554	EA	8" Polyvinyl Chloride (PVC) DWV Long Sweep 1/4 Bends	609.36	61.78
		For Work In Restricted Working Space, Add	*27.81*	
22 13 16 00-0555	EA	10" Polyvinyl Chloride (PVC) DWV Long Sweep 1/4 Bends	996.17	82.33
		For Work In Restricted Working Space, Add	*37.08*	

22 13 16 00-0556 Polyvinyl Chloride (PVC) DWV 1/8 Bends *(22 13 16 00-0539)*

22 13 16 00-0557	EA	1-1/2" Polyvinyl Chloride (PVC) DWV 1/8 Bends	35.86	17.69
		For Work In Restricted Working Space, Add	*7.95*	
22 13 16 00-0558	EA	2" Polyvinyl Chloride (PVC) DWV 1/8 Bends	43.43	22.57
		For Work In Restricted Working Space, Add	*10.17*	
22 13 16 00-0559	EA	3" Polyvinyl Chloride (PVC) DWV 1/8 Bends	72.94	30.30
		For Work In Restricted Working Space, Add	*13.67*	
22 13 16 00-0560	EA	4" Polyvinyl Chloride (PVC) DWV 1/8 Bends	103.78	35.28
		For Work In Restricted Working Space, Add	*15.89*	
22 13 16 00-0561	EA	6" Polyvinyl Chloride (PVC) DWV 1/8 Bends	423.61	45.88
		For Work In Restricted Working Space, Add	*20.66*	
22 13 16 00-0562	EA	8" Polyvinyl Chloride (PVC) DWV 1/8 Bends	680.31	61.78
		For Work In Restricted Working Space, Add	*27.81*	
22 13 16 00-0563	EA	10" Polyvinyl Chloride (PVC) DWV 1/8 Bends	774.58	82.33
		For Work In Restricted Working Space, Add	*37.08*	

22 13 16 00-0564 Polyvinyl Chloride (PVC) DWV Sanitary Tees *(22 13 16 00-0539)*

22 13 16 00-0565	EA	1-1/2" Polyvinyl Chloride (PVC) DWV Sanitary Tees	53.35	26.49
		For Work In Restricted Working Space, Add	*11.92*	
22 13 16 00-0566	EA	2" Polyvinyl Chloride (PVC) DWV Sanitary Tees	70.32	33.91
		For Work In Restricted Working Space, Add	*15.26*	
22 13 16 00-0567	EA	3" Polyvinyl Chloride (PVC) DWV Sanitary Tees	120.17	45.56
		For Work In Restricted Working Space, Add	*20.50*	
22 13 16 00-0568	EA	4" Polyvinyl Chloride (PVC) DWV Sanitary Tees	178.30	52.98
		For Work In Restricted Working Space, Add	*23.84*	
22 13 16 00-0569	EA	6" Polyvinyl Chloride (PVC) DWV Sanitary Tees	678.13	68.77
		For Work In Restricted Working Space, Add	*30.99*	
22 13 16 00-0570	EA	8" Polyvinyl Chloride (PVC) DWV Sanitary Tees	882.17	92.60
		For Work In Restricted Working Space, Add	*41.72*	

22 13 16 00-0571 Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees *(22 13 16 00-0539)*

22 13 16 00-0572	EA	2" x 1-1/2" x 1-1/2" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees	68.04	28.92
		For Work In Restricted Working Space, Add	*13.03*	
22 13 16 00-0573	EA	2" x 1-1/2" x 2" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees	81.12	31.36
		For Work In Restricted Working Space, Add	*14.15*	
22 13 16 00-0574	EA	2" x 2" x 1-1/2" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees	66.62	31.36
		For Work In Restricted Working Space, Add	*14.15*	
22 13 16 00-0575	EA	3" x 3" x 1-1/2" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees	98.48	39.20
		For Work In Restricted Working Space, Add	*17.64*	
22 13 16 00-0576	EA	3" x 3" x 2" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees	100.28	41.64
		For Work In Restricted Working Space, Add	*18.75*	
22 13 16 00-0577	EA	4" x 4" x 1-1/2" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees	119.51	44.07
		For Work In Restricted Working Space, Add	*19.87*	
22 13 16 00-0578	EA	4" x 4" x 2" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees	203.89	46.62
		For Work In Restricted Working Space, Add	*20.98*	
22 13 16 00-0579	EA	4" x 4" x 3" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees	257.89	50.43
		For Work In Restricted Working Space, Add	*22.73*	
22 13 16 00-0580	EA	6" x 6" x 4" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees	651.27	63.47
		For Work In Restricted Working Space, Add	*28.61*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0581	EA	8" x 8" x 4" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees	2,054.26	79.35
		For Work In Restricted Working Space, Add	*35.76*	
22 13 16 00-0582	EA	8" x 8" x 6" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees	2,124.61	84.65
		For Work In Restricted Working Space, Add	*38.15*	
22 13 16 00-0583		**Polyvinyl Chloride (PVC) DWV Double Sanitary Tees** *(22 13 16 00-0539)*		
22 13 16 00-0584	EA	1-1/2" Polyvinyl Chloride (PVC) DWV Double Sanitary Tees	93.97	35.28
		For Work In Restricted Working Space, Add	*15.89*	
22 13 16 00-0585	EA	2" Polyvinyl Chloride (PVC) DWV Double Sanitary Tees	127.84	45.13
		For Work In Restricted Working Space, Add	*20.34*	
22 13 16 00-0586	EA	3" Polyvinyl Chloride (PVC) DWV Double Sanitary Tees	259.49	60.71
		For Work In Restricted Working Space, Add	*27.34*	
22 13 16 00-0587	EA	4" Polyvinyl Chloride (PVC) DWV Double Sanitary Tees	376.66	70.56
		For Work In Restricted Working Space, Add	*31.79*	
22 13 16 00-0588		**Polyvinyl Chloride (PVC) DWV Reducing Double Sanitary Tees** *(22 13 16 00-0539)*		
22 13 16 00-0589	EA	2" x 2" x 1-1/2" x 1-1/2 Polyvinyl Chloride (PVC) DWV Double Sanitary Tee	114.65	40.27
		For Work In Restricted Working Space, Add	*18.12*	
22 13 16 00-0590	EA	3" x 3" x 1-1/2" x 1-1/2 Polyvinyl Chloride (PVC) DWV Double Sanitary Tee	199.49	47.99
		For Work In Restricted Working Space, Add	*21.62*	
22 13 16 00-0591	EA	3" x 3" x 2" x 2" Polyvinyl Chloride (PVC) DWV Double Sanitary Tee	230.48	52.98
		For Work In Restricted Working Space, Add	*23.84*	
22 13 16 00-0592	EA	4" x 4" x 2" x 2" Polyvinyl Chloride (PVC) DWV Double Sanitary Tee	419.43	57.85
		For Work In Restricted Working Space, Add	*26.06*	
22 13 16 00-0593	EA	4" x 4" x 3" x 3" Polyvinyl Chloride (PVC) DWV Double Sanitary Tee	440.22	65.58
		For Work In Restricted Working Space, Add	*29.56*	
22 13 16 00-0594		**Polyvinyl Chloride (PVC) DWV Reducers** *(22 13 16 00-0539)*		
22 13 16 00-0595	EA	2" x 1-1/2" Polyvinyl Chloride (PVC) DWV Reducers	45.42	20.13
		For Work In Restricted Working Space, Add	*9.06*	
22 13 16 00-0596	EA	3" x 1-1/2" Polyvinyl Chloride (PVC) DWV Reducers	84.64	23.95
		For Work In Restricted Working Space, Add	*10.81*	
22 13 16 00-0597	EA	3" x 2" Polyvinyl Chloride (PVC) DWV Reducers	80.43	26.49
		For Work In Restricted Working Space, Add	*11.92*	
22 13 16 00-0598	EA	4" x 2" Polyvinyl Chloride (PVC) DWV Reducers	123.96	28.92
		For Work In Restricted Working Space, Add	*13.03*	
22 13 16 00-0599	EA	4" x 3" Polyvinyl Chloride (PVC) DWV Reducers	133.45	32.84
		For Work In Restricted Working Space, Add	*14.78*	
22 13 16 00-0600	EA	6" x 3" Polyvinyl Chloride (PVC) DWV Reducers	482.52	38.14
		For Work In Restricted Working Space, Add	*17.16*	
22 13 16 00-0601	EA	6" x 4" Polyvinyl Chloride (PVC) DWV Reducers	402.49	40.58
		For Work In Restricted Working Space, Add	*18.28*	
22 13 16 00-0602	EA	8" x 4" Polyvinyl Chloride (PVC) DWV Reducers	1,010.10	48.53
		For Work In Restricted Working Space, Add	*21.86*	
22 13 16 00-0603	EA	8" x 6" Polyvinyl Chloride (PVC) DWV Reducers	851.93	53.83
		For Work In Restricted Working Space, Add	*24.24*	
22 13 16 00-0604	EA	10" x 6" Polyvinyl Chloride (PVC) DWV Reducers	1,145.83	64.10
		For Work In Restricted Working Space, Add	*28.87*	
22 13 16 00-0605	EA	10" x 8" Polyvinyl Chloride (PVC) DWV Reducers	895.56	72.05
		For Work In Restricted Working Space, Add	*32.45*	
22 13 16 00-0606		**Polyvinyl Chloride (PVC) DWV P-Traps** *(22 13 16 00-0539)*		
22 13 16 00-0607	EA	1-1/2" Polyvinyl Chloride (PVC) DWV P-Traps	66.38	26.49
		For Work In Restricted Working Space, Add	*11.92*	
22 13 16 00-0608	EA	2" Polyvinyl Chloride (PVC) DWV P-Traps	87.16	33.91
		For Work In Restricted Working Space, Add	*15.26*	
22 13 16 00-0609	EA	3" Polyvinyl Chloride (PVC) DWV P-Traps	249.15	45.56
		For Work In Restricted Working Space, Add	*20.50*	
22 13 16 00-0610	EA	4" Polyvinyl Chloride (PVC) DWV P-Traps	510.05	52.98
		For Work In Restricted Working Space, Add	*23.84*	
22 13 16 00-0611	EA	6" Polyvinyl Chloride (PVC) DWV P-Traps	864.62	68.77
		For Work In Restricted Working Space, Add	*30.99*	
22 13 16 00-0612		**Polyvinyl Chloride (PVC) DWV Closet Flanges** *(22 13 16 00-0539)*		
22 13 16 00-0613	EA	4" Polyvinyl Chloride (PVC) DWV Closet Flanges	104.08	35.28
		For Work In Restricted Working Space, Add	*15.89*	
22 13 16 00-0614	EA	4" x 3" Polyvinyl Chloride (PVC) DWV Closet Flanges	84.99	32.84
		For Work In Restricted Working Space, Add	*14.78*	
22 13 16 00-0615		**Polyvinyl Chloride (PVC) DWV Wyes** *(22 13 16 00-0539)*		
22 13 16 00-0616	EA	1-1/2" Polyvinyl Chloride (PVC) DWV Wyes	66.96	26.49
		For Work In Restricted Working Space, Add	*11.92*	
22 13 16 00-0617	EA	2" Polyvinyl Chloride (PVC) DWV Wyes	78.23	33.91
		For Work In Restricted Working Space, Add	*15.26*	
22 13 16 00-0618	EA	3" Polyvinyl Chloride (PVC) DWV Wyes	130.27	45.56
		For Work In Restricted Working Space, Add	*20.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0619	EA	4" Polyvinyl Chloride (PVC) DWV Wyes	194.84	52.98
		For Work In Restricted Working Space, Add	*23.84*	
22 13 16 00-0620	EA	6" Polyvinyl Chloride (PVC) DWV Wyes	616.05	68.77
		For Work In Restricted Working Space, Add	*30.99*	
22 13 16 00-0621	EA	8" Polyvinyl Chloride (PVC) DWV Wyes	764.25	92.60
		For Work In Restricted Working Space, Add	*41.72*	
22 13 16 00-0622	EA	10" Polyvinyl Chloride (PVC) DWV Wyes	1,005.78	123.44
		For Work In Restricted Working Space, Add	*55.62*	

22 13 16 00-0623 Polyvinyl Chloride (PVC) DWV Reducing Wyes *(22 13 16 00-0539)*

22 13 16 00-0624	EA	2" x 1-1/2" x 1-1/2" Polyvinyl Chloride (PVC) DWV Reducing Wyes	92.05	28.92
		For Work In Restricted Working Space, Add	*13.03*	
22 13 16 00-0625	EA	2" x 2" x 1-1/2" Polyvinyl Chloride (PVC) DWV Reducing Wyes	95.32	31.36
		For Work In Restricted Working Space, Add	*14.15*	
22 13 16 00-0626	EA	3" x 3" x 1-1/2" Polyvinyl Chloride (PVC) DWV Reducing Wyes	134.47	39.20
		For Work In Restricted Working Space, Add	*17.64*	
22 13 16 00-0627	EA	3" x 3" x 2" Polyvinyl Chloride (PVC) DWV Reducing Wyes	110.39	41.64
		For Work In Restricted Working Space, Add	*18.75*	
22 13 16 00-0628	EA	4" x 4" x 1-1/2" Polyvinyl Chloride (PVC) DWV Reducing Wyes	186.36	44.07
		For Work In Restricted Working Space, Add	*19.87*	
22 13 16 00-0629	EA	4" x 4" x 2" Polyvinyl Chloride (PVC) DWV Reducing Wyes	162.61	46.62
		For Work In Restricted Working Space, Add	*20.98*	
22 13 16 00-0630	EA	4" x 4" x 3" Polyvinyl Chloride (PVC) DWV Reducing Wyes	183.95	50.43
		For Work In Restricted Working Space, Add	*22.73*	
22 13 16 00-0631	EA	6" x 6" x 3" Polyvinyl Chloride (PVC) DWV Reducing Wyes	556.79	61.03
		For Work In Restricted Working Space, Add	*27.50*	
22 13 16 00-0632	EA	6" x 6" x 4" Polyvinyl Chloride (PVC) DWV Reducing Wyes	690.27	63.47
		For Work In Restricted Working Space, Add	*28.61*	
22 13 16 00-0633	EA	8" x 8" x 4" Polyvinyl Chloride (PVC) DWV Reducing Wyes	655.03	79.35
		For Work In Restricted Working Space, Add	*35.76*	
22 13 16 00-0634	EA	8" x 8" x 6" Polyvinyl Chloride (PVC) DWV Reducing Wyes	828.26	84.65
		For Work In Restricted Working Space, Add	*38.15*	
22 13 16 00-0635	EA	10" x 10" x 4" Polyvinyl Chloride (PVC) DWV Reducing Wyes	753.80	99.92
		For Work In Restricted Working Space, Add	*45.03*	
22 13 16 00-0636	EA	10" x 10" x 6" Polyvinyl Chloride (PVC) DWV Reducing Wyes	941.29	105.22
		For Work In Restricted Working Space, Add	*47.41*	
22 13 16 00-0637	EA	10" x 10" x 8" Polyvinyl Chloride (PVC) DWV Reducing Wyes	1,096.59	113.15
		For Work In Restricted Working Space, Add	*50.99*	

22 13 16 00-0638 Polyvinyl Chloride (PVC) DWV Double Wyes *(22 13 16 00-0539)*

22 13 16 00-0639	EA	1-1/2" Polyvinyl Chloride (PVC) DWV Double Wyes	110.96	35.28
		For Work In Restricted Working Space, Add	*15.89*	
22 13 16 00-0640	EA	2" Polyvinyl Chloride (PVC) DWV Double Wyes	142.33	45.13
		For Work In Restricted Working Space, Add	*20.34*	
22 13 16 00-0641	EA	3" Polyvinyl Chloride (PVC) DWV Double Wyes	283.65	60.71
		For Work In Restricted Working Space, Add	*27.34*	
22 13 16 00-0642	EA	4" Polyvinyl Chloride (PVC) DWV Double Wyes	496.27	70.56
		For Work In Restricted Working Space, Add	*31.79*	
22 13 16 00-0643	EA	6" Polyvinyl Chloride (PVC) DWV Double Wyes	1,021.71	91.76
		For Work In Restricted Working Space, Add	*41.32*	
22 13 16 00-0644	EA	8" Polyvinyl Chloride (PVC) DWV Double Wyes	1,183.07	123.54
		For Work In Restricted Working Space, Add	*55.63*	
22 13 16 00-0645	EA	10" Polyvinyl Chloride (PVC) DWV Double Wyes	1,836.94	164.65
		For Work In Restricted Working Space, Add	*74.16*	

22 13 16 00-0646 Polyvinyl Chloride (PVC) DWV Reducing Double Wyes *(22 13 16 00-0539)*

22 13 16 00-0647	EA	2" x 2" x 1-1/2" x 1-1/2 Polyvinyl Chloride (PVC) DWV Double Wyes	128.47	40.27
		For Work In Restricted Working Space, Add	*18.12*	
22 13 16 00-0648	EA	3" x 3" x 1-1/2" x 1-1/2 Polyvinyl Chloride (PVC) DWV Double Wyes	240.98	47.99
		For Work In Restricted Working Space, Add	*21.62*	
22 13 16 00-0649	EA	3" x 3" x 2" x 2" Polyvinyl Chloride (PVC) DWV Double Wyes	222.80	52.98
		For Work In Restricted Working Space, Add	*23.84*	
22 13 16 00-0650	EA	4" x 4" x 2" x 2" Polyvinyl Chloride (PVC) DWV Double Wyes	320.86	57.85
		For Work In Restricted Working Space, Add	*26.06*	
22 13 16 00-0651	EA	4" x 4" x 3" x 3" Polyvinyl Chloride (PVC) DWV Double Wyes	407.61	65.58
		For Work In Restricted Working Space, Add	*29.56*	
22 13 16 00-0652	EA	6" x 6" x 4" x 4" Polyvinyl Chloride (PVC) DWV Double Wyes	629.47	81.16
		For Work In Restricted Working Space, Add	*36.56*	
22 13 16 00-0653	EA	8" x 8" x 4" x 4" Polyvinyl Chloride (PVC) DWV Double Wyes	736.77	97.05
		For Work In Restricted Working Space, Add	*43.70*	
22 13 16 00-0654	EA	8" x 8" x 6" x 6" Polyvinyl Chloride (PVC) DWV Double Wyes	938.69	107.65
		For Work In Restricted Working Space, Add	*48.47*	
22 13 16 00-0655	EA	10" x 10" x 4" x 4" Polyvinyl Chloride (PVC) DWV Double Wyes	991.53	117.61
		For Work In Restricted Working Space, Add	*52.97*	
22 13 16 00-0656	EA	10" x 10" x 6" x 6" Polyvinyl Chloride (PVC) DWV Double Wyes	1,288.87	128.20
		For Work In Restricted Working Space, Add	*57.74*	
22 13 16 00-0657	EA	10" x 10" x 8" x 8" Polyvinyl Chloride (PVC) DWV Double Wyes	1,559.29	144.09
		For Work In Restricted Working Space, Add	*64.89*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0658		**Polyvinyl Chloride (PVC) DWV Combination Wye And 1/8 Bends** *(22 13 16 00-0539)*		
22 13 16 00-0659	EA	1-1/2" Polyvinyl Chloride (PVC) DWV Combination Wye And 1/8 Bends	83.95	26.49
		For Work In Restricted Working Space, Add	*11.92*	
22 13 16 00-0660	EA	2" Polyvinyl Chloride (PVC) DWV Combination Wye And 1/8 Bends	104.73	33.91
		For Work In Restricted Working Space, Add	*15.26*	
22 13 16 00-0661	EA	3" Polyvinyl Chloride (PVC) DWV Combination Wye And 1/8 Bends	209.91	45.56
		For Work In Restricted Working Space, Add	*20.50*	
22 13 16 00-0662	EA	4" Polyvinyl Chloride (PVC) DWV Combination Wye And 1/8 Bends	373.45	52.98
		For Work In Restricted Working Space, Add	*23.84*	
22 13 16 00-0663		**Polyvinyl Chloride (PVC) DWV Reducing Combination Wye And 1/8 Bends** *(22 13 16 00-0539)*		
22 13 16 00-0664	EA	2" x 2" x 1-1/2" Polyvinyl Chloride (PVC) DWV Combination Wye And 1/8 Bends	158.71	31.36
		For Work In Restricted Working Space, Add	*14.15*	
22 13 16 00-0665	EA	3" x 3" x 1-1/2" Polyvinyl Chloride (PVC) DWV Combination Wye And 1/8 Bends	252.62	39.20
		For Work In Restricted Working Space, Add	*17.64*	
22 13 16 00-0666	EA	3" x 3" x 2" Polyvinyl Chloride (PVC) DWV Combination Wye And 1/8 Bends	183.65	41.64
		For Work In Restricted Working Space, Add	*18.75*	
22 13 16 00-0667	EA	4" x 4" x 2" Polyvinyl Chloride (PVC) DWV Combination Wye And 1/8 Bends	339.42	46.62
		For Work In Restricted Working Space, Add	*20.98*	
22 13 16 00-0668	EA	4" x 4" x 3" Polyvinyl Chloride (PVC) DWV Combination Wye And 1/8 Bends	367.65	50.43
		For Work In Restricted Working Space, Add	*22.73*	
22 13 16 00-0669		**Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends** *(22 13 16 00-0539)*		
22 13 16 00-0670	EA	1-1/2" Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends	124.13	35.28
		For Work In Restricted Working Space, Add	*15.89*	
22 13 16 00-0671	EA	2" Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends	143.80	45.13
		For Work In Restricted Working Space, Add	*20.34*	
22 13 16 00-0672	EA	3" Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends	223.18	60.71
		For Work In Restricted Working Space, Add	*27.34*	
22 13 16 00-0673	EA	4" Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends	801.68	70.56
		For Work In Restricted Working Space, Add	*31.79*	
22 13 16 00-0674	EA	6" Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends	2,663.58	91.76
		For Work In Restricted Working Space, Add	*41.32*	
22 13 16 00-0675		**Polyvinyl Chloride (PVC) DWV Reducing Double Combination Wye And 1/8 Bends** *(22 13 16 00-0539)*		
22 13 16 00-0676	EA	2" x 2" x 1-1/2" x 1-1/2 Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends	293.21	40.27
		For Work In Restricted Working Space, Add	*18.12*	
22 13 16 00-0677	EA	3" x 3" x 2" x 2" Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends	473.92	52.98
		For Work In Restricted Working Space, Add	*23.84*	
22 13 16 00-0678	EA	4" x 4" x 2" x 2" Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends	822.01	57.85
		For Work In Restricted Working Space, Add	*26.06*	
22 13 16 00-0679	EA	4" x 4" x 3" x 3" Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends	741.90	65.58
		For Work In Restricted Working Space, Add	*29.56*	
22 13 16 00-0680	EA	6" x 6" x 4" x 4" Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends	1,771.99	81.16
		For Work In Restricted Working Space, Add	*36.56*	
22 13 16 00-0681		**Polyvinyl Chloride (PVC) DWV Cleanout Tees With Plug** *(22 13 16 00-0539)*		
22 13 16 00-0682	EA	2" Polyvinyl Chloride (PVC) DWV Cleanout Tees With Plug	180.45	33.91
		For Work In Restricted Working Space, Add	*15.26*	
22 13 16 00-0683	EA	3" Polyvinyl Chloride (PVC) DWV Cleanout Tees With Plug	315.93	45.56
		For Work In Restricted Working Space, Add	*20.50*	
22 13 16 00-0684	EA	4" Polyvinyl Chloride (PVC) DWV Cleanout Tees With Plug	510.13	52.98
		For Work In Restricted Working Space, Add	*23.84*	
22 13 16 00-0685	EA	6" Polyvinyl Chloride (PVC) DWV Cleanout Tees With Plug	1,354.68	68.77
		For Work In Restricted Working Space, Add	*30.99*	
22 13 16 00-0686	EA	8" Polyvinyl Chloride (PVC) DWV Cleanout Tees With Plug	1,697.10	92.60
		For Work In Restricted Working Space, Add	*41.72*	
22 13 16 00-0687	EA	10" Polyvinyl Chloride (PVC) DWV Cleanout Tees With Plug	2,252.01	123.44
		For Work In Restricted Working Space, Add	*55.62*	
22 13 16 00-0688		**Polyvinyl Chloride (PVC) DWV Cleanout Adapters With Plug** *(22 13 16 00-0539)*		
22 13 16 00-0689	EA	1-1/2" Polyvinyl Chloride (PVC) DWV Cleanout Adapters With Plug	48.89	17.69
		For Work In Restricted Working Space, Add	*7.95*	
22 13 16 00-0690	EA	2" Polyvinyl Chloride (PVC) DWV Cleanout Adapters With Plug	70.07	22.57
		For Work In Restricted Working Space, Add	*10.17*	
22 13 16 00-0691	EA	3" Polyvinyl Chloride (PVC) DWV Cleanout Adapters With Plug	101.20	30.30
		For Work In Restricted Working Space, Add	*13.67*	
22 13 16 00-0692	EA	4" Polyvinyl Chloride (PVC) DWV Cleanout Adapters With Plug	183.72	35.28
		For Work In Restricted Working Space, Add	*15.89*	
22 13 16 00-0693	EA	6" Polyvinyl Chloride (PVC) DWV Cleanout Adapters With Plug	427.72	45.88
		For Work In Restricted Working Space, Add	*20.66*	
22 13 16 00-0694	EA	8" Polyvinyl Chloride (PVC) DWV Cleanout Adapters With Plug	967.73	61.78
		For Work In Restricted Working Space, Add	*27.81*	
22 13 16 00-0695	EA	10" Polyvinyl Chloride (PVC) DWV Cleanout Adapters With Plug	1,788.11	82.33
		For Work In Restricted Working Space, Add	*37.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0696		**Polyvinyl Chloride (PVC) Couplings** *(22 13 16 00-0539)*		
22 13 16 00-0697	EA	1-1/2" Polyvinyl Chloride (PVC) Couplings	33.13	17.69
		For Work In Restricted Working Space, Add	*7.95*	
22 13 16 00-0698	EA	2" Polyvinyl Chloride (PVC) Couplings	41.38	22.57
		For Work In Restricted Working Space, Add	*10.17*	
22 13 16 00-0699	EA	3" Polyvinyl Chloride (PVC) Couplings	64.64	30.30
		For Work In Restricted Working Space, Add	*13.67*	
22 13 16 00-0700	EA	4" Polyvinyl Chloride (PVC) Couplings	84.34	35.28
		For Work In Restricted Working Space, Add	*15.89*	
22 13 16 00-0701	EA	6" Polyvinyl Chloride (PVC) Couplings	241.95	45.88
		For Work In Restricted Working Space, Add	*20.66*	
22 13 16 00-0702	EA	8" Polyvinyl Chloride (PVC) Couplings	592.70	61.78
		For Work In Restricted Working Space, Add	*27.81*	
22 13 16 00-0703	EA	10" Polyvinyl Chloride (PVC) Couplings	898.40	82.33
		For Work In Restricted Working Space, Add	*37.08*	
22 13 16 00-0704		**Polyvinyl Chloride (PVC) Male Adapters** *(22 13 16 00-0539)*		
22 13 16 00-0705	EA	1-1/2" Polyvinyl Chloride (PVC) Male Adapters	19.97	8.79
		For Work In Restricted Working Space, Add	*3.98*	
22 13 16 00-0706	EA	2" Polyvinyl Chloride (PVC) Male Adapters	33.48	11.33
		For Work In Restricted Working Space, Add	*5.09*	
22 13 16 00-0707	EA	3" Polyvinyl Chloride (PVC) Male Adapters	68.61	15.15
		For Work In Restricted Working Space, Add	*6.83*	
22 13 16 00-0708	EA	4" Polyvinyl Chloride (PVC) Male Adapters	131.53	17.69
		For Work In Restricted Working Space, Add	*7.95*	
22 13 16 00-0709		**Cut And Prepare Existing Polyvinyl Chloride (PVC) DWV Pipe** *(22 13 16 00-0504)*		
		Note: In place piping.		
22 13 16 00-0710	EA	1-1/2", Cut And Prepare Existing Polyvinyl Chloride (PVC) DWV Pipe	7.76	
22 13 16 00-0711	EA	2", Cut And Prepare Existing Polyvinyl Chloride (PVC) DWV Pipe	8.55	
22 13 16 00-0712	EA	3", Cut And Prepare Existing Polyvinyl Chloride (PVC) DWV Pipe	10.87	
22 13 16 00-0713	EA	4", Cut And Prepare Existing Polyvinyl Chloride (PVC) DWV Pipe	14.67	
22 13 16 00-0714	EA	6", Cut And Prepare Existing Polyvinyl Chloride (PVC) DWV Pipe	20.96	
22 13 16 00-0715	EA	8", Cut And Prepare Existing Polyvinyl Chloride (PVC) DWV Pipe	27.96	
22 13 16 00-0716	EA	10", Cut And Prepare Existing Polyvinyl Chloride (PVC) DWV Pipe	34.18	
22 13 16 00-0717		**Acrylonitrile Butadiene Styrene (ABS) Drain-Waste-Vent (DWV) Pipe And Fittings** *(22 13 16)*		
		Note: Aboveground installation.		
22 13 16 00-0718		**Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV Pipe Assemblies** *(22 13 16 00-0717)*		
		Note: Includes all hangers and couplings, elbow, tee and reducer fittings. All hangers are complete assemblies installed in accordance with uniform plumbing code. Not for use where detail is available.		
22 13 16 00-0719	LF	1-1/2" Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	28.43	4.45
		For Work In Restricted Working Space, Add	*6.10*	
22 13 16 00-0720	LF	2" Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	31.62	5.30
		For Work In Restricted Working Space, Add	*6.75*	
22 13 16 00-0721	LF	3" Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	44.48	7.63
		For Work In Restricted Working Space, Add	*8.39*	
22 13 16 00-0722	LF	4" Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	51.78	8.26
		For Work In Restricted Working Space, Add	*9.31*	
22 13 16 00-0723	LF	6" Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	91.27	10.60
		For Work In Restricted Working Space, Add	*12.39*	
22 13 16 00-0724		**Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV "Foam-Core" Pipe (ASTM F-628)** *(22 13 16 00-0717)*		
		Note: Excludes fittings or hangers.		
22 13 16 00-0725	LF	1-1/2" Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV "Foam-Core" Pipe	10.04	4.45
		For Work In Restricted Working Space, Add	*1.99*	
22 13 16 00-0726	LF	2" Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV "Foam-Core" Pipe	12.54	5.30
		For Work In Restricted Working Space, Add	*2.38*	
22 13 16 00-0727	LF	3" Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV "Foam-Core" Pipe	20.88	7.63
		For Work In Restricted Working Space, Add	*3.42*	
22 13 16 00-0728	LF	4" Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV "Foam-Core" Pipe	25.94	8.26
		For Work In Restricted Working Space, Add	*3.71*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0729	LF	6" Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV "Foam-Core" Pipe	43.55	10.60
		For Work In Restricted Working Space, Add	*4.76*	

22 13 16 00-0730 Acrylonitrile Butadiene Styrene (ABS) DWV Fittings (ASTM D-2661) *(22 13 16 00-0717)*

22 13 16 00-0731 Acrylonitrile Butadiene Styrene (ABS) DWV 1/4 Bends *(22 13 16 00-0730)*

22 13 16 00-0732	EA	1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV 1/4 Bends	41.03	17.69
		For Work In Restricted Working Space, Add	*7.95*	
22 13 16 00-0733	EA	2" Acrylonitrile Butadiene Styrene (ABS) DWV 1/4 Bends	54.65	22.57
		For Work In Restricted Working Space, Add	*10.17*	
22 13 16 00-0734	EA	3" Acrylonitrile Butadiene Styrene (ABS) DWV 1/4 Bends	109.57	30.30
		For Work In Restricted Working Space, Add	*13.67*	
22 13 16 00-0735	EA	4" Acrylonitrile Butadiene Styrene (ABS) DWV 1/4 Bends	178.40	35.28
		For Work In Restricted Working Space, Add	*15.89*	
22 13 16 00-0736	EA	6" Acrylonitrile Butadiene Styrene (ABS) DWV 1/4 Bends	536.98	45.88
		For Work In Restricted Working Space, Add	*20.66*	

22 13 16 00-0737 Acrylonitrile Butadiene Styrene (ABS) DWV Long Sweep 1/4 Bends *(22 13 16 00-0730)*

22 13 16 00-0738	EA	1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Long Sweep 1/4 Bends	61.14	17.69
		For Work In Restricted Working Space, Add	*7.95*	
22 13 16 00-0739	EA	2" Acrylonitrile Butadiene Styrene (ABS) DWV Long Sweep 1/4 Bends	74.31	22.57
		For Work In Restricted Working Space, Add	*10.17*	
22 13 16 00-0740	EA	3" Acrylonitrile Butadiene Styrene (ABS) DWV Long Sweep 1/4 Bends	158.37	30.30
		For Work In Restricted Working Space, Add	*13.67*	
22 13 16 00-0741	EA	4" Acrylonitrile Butadiene Styrene (ABS) DWV Long Sweep 1/4 Bends	275.49	35.28
		For Work In Restricted Working Space, Add	*15.89*	

22 13 16 00-0742 Acrylonitrile Butadiene Styrene (ABS) DWV 1/8 Bends *(22 13 16 00-0730)*

22 13 16 00-0743	EA	1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV 1/8 Bends	43.76	17.69
		For Work In Restricted Working Space, Add	*7.95*	
22 13 16 00-0744	EA	2" Acrylonitrile Butadiene Styrene (ABS) DWV 1/8 Bends	52.75	22.57
		For Work In Restricted Working Space, Add	*10.17*	
22 13 16 00-0745	EA	3" Acrylonitrile Butadiene Styrene (ABS) DWV 1/8 Bends	99.56	30.30
		For Work In Restricted Working Space, Add	*13.67*	
22 13 16 00-0746	EA	4" Acrylonitrile Butadiene Styrene (ABS) DWV 1/8 Bends	159.93	35.28
		For Work In Restricted Working Space, Add	*15.89*	
22 13 16 00-0747	EA	6" Acrylonitrile Butadiene Styrene (ABS) DWV 1/8 Bends	556.47	45.88
		For Work In Restricted Working Space, Add	*20.66*	

22 13 16 00-0748 Acrylonitrile Butadiene Styrene (ABS) DWV Sanitary Tees *(22 13 16 00-0730)*

22 13 16 00-0749	EA	1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Sanitary Tees	64.49	26.49
		For Work In Restricted Working Space, Add	*11.92*	
22 13 16 00-0750	EA	2" Acrylonitrile Butadiene Styrene (ABS) DWV Sanitary Tees	88.07	33.91
		For Work In Restricted Working Space, Add	*15.26*	
22 13 16 00-0751	EA	3" Acrylonitrile Butadiene Styrene (ABS) DWV Sanitary Tees	163.19	45.56
		For Work In Restricted Working Space, Add	*20.50*	
22 13 16 00-0752	EA	4" Acrylonitrile Butadiene Styrene (ABS) DWV Sanitary Tees	261.71	52.98
		For Work In Restricted Working Space, Add	*23.84*	
22 13 16 00-0753	EA	6" Acrylonitrile Butadiene Styrene (ABS) DWV Sanitary Tees	1,091.14	68.77
		For Work In Restricted Working Space, Add	*30.99*	

22 13 16 00-0754 Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Sanitary Tees *(22 13 16 00-0730)*

22 13 16 00-0755	EA	2" x 1-1/2" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Sanitary Tees	82.93	28.92
		For Work In Restricted Working Space, Add	*13.03*	
22 13 16 00-0756	EA	2" x 1-1/2" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Sanitary Tees	102.60	31.36
		For Work In Restricted Working Space, Add	*14.15*	
22 13 16 00-0757	EA	2" x 2" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Sanitary Tees	82.83	31.36
		For Work In Restricted Working Space, Add	*14.15*	
22 13 16 00-0758	EA	3" x 3" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Sanitary Tees	131.25	39.20
		For Work In Restricted Working Space, Add	*17.64*	
22 13 16 00-0759	EA	3" x 3" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Sanitary Tees	135.62	41.64
		For Work In Restricted Working Space, Add	*18.75*	
22 13 16 00-0760	EA	4" x 4" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Sanitary Tees	328.89	44.07
		For Work In Restricted Working Space, Add	*19.87*	
22 13 16 00-0761	EA	4" x 4" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Sanitary Tees	315.12	46.62
		For Work In Restricted Working Space, Add	*20.98*	
22 13 16 00-0762	EA	4" x 4" x 3" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Sanitary Tees	363.28	50.43
		For Work In Restricted Working Space, Add	*22.73*	
22 13 16 00-0763	EA	6" x 6" x 4" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Sanitary Tees	1,199.82	63.47
		For Work In Restricted Working Space, Add	*28.61*	

22 13 16 00-0764 Acrylonitrile Butadiene Styrene (ABS) DWV Double Sanitary Tees *(22 13 16 00-0730)*

22 13 16 00-0765	EA	1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Sanitary Tees	128.21	35.28
		For Work In Restricted Working Space, Add	*15.89*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0766	EA	2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Sanitary Tees	177.57	45.13
		For Work In Restricted Working Space, Add	*20.34*	
22 13 16 00-0767	EA	3" Acrylonitrile Butadiene Styrene (ABS) DWV Double Sanitary Tees	399.44	60.71
		For Work In Restricted Working Space, Add	*27.34*	
22 13 16 00-0768	EA	4" Acrylonitrile Butadiene Styrene (ABS) DWV Double Sanitary Tees	600.11	70.56
		For Work In Restricted Working Space, Add	*31.79*	

22 13 16 00-0769 Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Double Sanitary Tees *(22 13 16 00-0730)*

22 13 16 00-0770	EA	2" x 2" x 1-1/2" x 1-1/2 Acrylonitrile Butadiene Styrene (ABS) DWV Double Sanitary Tees	145.72	40.27
		For Work In Restricted Working Space, Add	*18.12*	
22 13 16 00-0771	EA	3" x 3" x 1-1/2" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Sanitary Tees	229.19	47.99
		For Work In Restricted Working Space, Add	*21.62*	
22 13 16 00-0772	EA	3" x 3" x 2" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Sanitary Tees	265.40	52.98
		For Work In Restricted Working Space, Add	*23.84*	
22 13 16 00-0773	EA	4" x 4" x 2" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes	496.43	57.88
		For Work In Restricted Working Space, Add	*26.08*	
22 13 16 00-0774	EA	4" x 4" x 3" x 3" Acrylonitrile Butadiene Styrene (ABS) DWV Double Sanitary Tees	519.39	65.62
		For Work In Restricted Working Space, Add	*29.57*	

22 13 16 00-0775 Acrylonitrile Butadiene Styrene (ABS) DWV Wyes *(22 13 16 00-0730)*

22 13 16 00-0776	EA	1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Wyes	89.59	26.49
		For Work In Restricted Working Space, Add	*11.92*	
22 13 16 00-0777	EA	2" Acrylonitrile Butadiene Styrene (ABS) DWV Wyes	102.04	33.91
		For Work In Restricted Working Space, Add	*15.26*	
22 13 16 00-0778	EA	3" Acrylonitrile Butadiene Styrene (ABS) DWV Wyes	181.64	45.56
		For Work In Restricted Working Space, Add	*20.50*	
22 13 16 00-0779	EA	4" Acrylonitrile Butadiene Styrene (ABS) DWV Wyes	290.55	52.98
		For Work In Restricted Working Space, Add	*23.84*	
22 13 16 00-0780	EA	6" Acrylonitrile Butadiene Styrene (ABS) DWV Wyes	877.85	68.77
		For Work In Restricted Working Space, Add	*30.99*	

22 13 16 00-0781 Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Wyes *(22 13 16 00-0730)*

22 13 16 00-0782	EA	2" x 1-1/2" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Wyes	132.40	28.92
		For Work In Restricted Working Space, Add	*13.03*	
22 13 16 00-0783	EA	2" x 2" X 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Wyes	135.20	31.36
		For Work In Restricted Working Space, Add	*14.15*	
22 13 16 00-0784	EA	3" x 3" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Wyes	150.56	41.64
		For Work In Restricted Working Space, Add	*18.75*	
22 13 16 00-0785	EA	4" x 4" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Wyes	239.53	46.62
		For Work In Restricted Working Space, Add	*20.98*	
22 13 16 00-0786	EA	4" x 4" x 3" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Wyes	273.90	50.43
		For Work In Restricted Working Space, Add	*22.73*	
22 13 16 00-0787	EA	6" x 6" x 4" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Wyes	735.29	63.47
		For Work In Restricted Working Space, Add	*28.61*	

22 13 16 00-0788 Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes *(22 13 16 00-0730)*

22 13 16 00-0789	EA	1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes	159.02	35.28
		For Work In Restricted Working Space, Add	*15.89*	
22 13 16 00-0790	EA	2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes	204.21	45.13
		For Work In Restricted Working Space, Add	*20.34*	
22 13 16 00-0791	EA	3" Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes	443.74	60.71
		For Work In Restricted Working Space, Add	*27.34*	
22 13 16 00-0792	EA	4" Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes	820.26	70.56
		For Work In Restricted Working Space, Add	*31.79*	

22 13 16 00-0793 Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Double Wyes *(22 13 16 00-0730)*

22 13 16 00-0794	EA	2" x 2" x 1-1/2" x 1-1/2 Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes	184.97	40.27
		For Work In Restricted Working Space, Add	*18.12*	
22 13 16 00-0795	EA	3" x 3" x 1-1/2" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes	320.78	47.99
		For Work In Restricted Working Space, Add	*21.62*	
22 13 16 00-0796	EA	3" x 3" x 2" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes	341.26	52.98
		For Work In Restricted Working Space, Add	*23.84*	
22 13 16 00-0797	EA	4" x 4" x 2" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes	515.15	57.85
		For Work In Restricted Working Space, Add	*26.06*	
22 13 16 00-0798	EA	4" x 4" x 3" x 3" Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes	664.24	65.58
		For Work In Restricted Working Space, Add	*29.56*	

22 13 16 00-0799 Acrylonitrile Butadiene Styrene (ABS) DWV Combination Wye And 1/8 Bend *(22 13 16 00-0730)*

22 13 16 00-0800	EA	1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Combination Wye And 1/8 Bends	119.37	26.49
		For Work In Restricted Working Space, Add	*11.92*	
22 13 16 00-0801	EA	2" Acrylonitrile Butadiene Styrene (ABS) DWV Combination Wye And 1/8 Bends	154.35	33.91
		For Work In Restricted Working Space, Add	*15.26*	

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22 13 16 00-0802	EA	3" Acrylonitrile Butadiene Styrene (ABS) DWV Combination Wye And 1/8 Bends	238.88	45.56
		For Work In Restricted Working Space, Add	*20.50*	
22 13 16 00-0803	EA	4" Acrylonitrile Butadiene Styrene (ABS) DWV Combination Wye And 1/8 Bends	414.28	53.00
		For Work In Restricted Working Space, Add	*23.85*	

22 13 16 00-0804 Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Combination Wye And 1/8 Bend *(22 13 16 00-0730)*

22 13 16 00-0805	EA	2" x 2" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Combination Wye And 1/8 Bends	130.97	31.36
		For Work In Restricted Working Space, Add	*14.15*	
22 13 16 00-0806	EA	3" x 3" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Combination Wye And 1/8 Bends	257.27	39.20
		For Work In Restricted Working Space, Add	*17.64*	
22 13 16 00-0807	EA	3" x 3" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Combination Wye And 1/8 Bends	186.54	41.64
		For Work In Restricted Working Space, Add	*18.75*	
22 13 16 00-0808	EA	4" x 4" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Combination Wye And 1/8 Bends	346.20	46.62
		For Work In Restricted Working Space, Add	*20.98*	
22 13 16 00-0809	EA	4" x 4" x 3" Acrylonitrile Butadiene Styrene (ABS) DWV Combination Wye And 1/8 Bends	374.92	50.43
		For Work In Restricted Working Space, Add	*22.73*	

22 13 16 00-0810 Acrylonitrile Butadiene Styrene (ABS) DWV Double Combination Wye And 1/8 Bend *(22 13 16 00-0730)*

22 13 16 00-0811	EA	2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Combination Wye And 1/8 Bends	255.19	45.13
		For Work In Restricted Working Space, Add	*20.34*	
22 13 16 00-0812	EA	3" Acrylonitrile Butadiene Styrene (ABS) DWV Double Combination Wye And 1/8 Bends	523.29	60.71
		For Work In Restricted Working Space, Add	*27.34*	

22 13 16 00-0813 Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Double Combination Wye And 1/8 Bend *(22 13 16 00-0730)*

22 13 16 00-0814	EA	2" x 2" x 1-1/2" x 1-1/2 Acrylonitrile Butadiene Styrene (ABS) DWV Double Combination Wye And 1/8 Bends	211.18	40.27
		For Work In Restricted Working Space, Add	*18.12*	
22 13 16 00-0815	EA	3" x 3" x 2" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Combination Wye And 1/8 Bends	504.27	52.98
		For Work In Restricted Working Space, Add	*23.84*	

22 13 16 00-0816 Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Tees With Plug *(22 13 16 00-0730)*

22 13 16 00-0817	EA	1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Tees With Plug	133.40	26.49
		For Work In Restricted Working Space, Add	*11.92*	
22 13 16 00-0818	EA	2" Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Tees With Plug	168.38	33.91
		For Work In Restricted Working Space, Add	*15.26*	
22 13 16 00-0819	EA	3" Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Tees With Plug	270.23	45.56
		For Work In Restricted Working Space, Add	*20.50*	
22 13 16 00-0820	EA	4" Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Tees With Plug	456.86	52.98
		For Work In Restricted Working Space, Add	*23.84*	

22 13 16 00-0821 Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Adapters With Plug *(22 13 16 00-0730)*

22 13 16 00-0822	EA	1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Adapters With Plug	58.60	17.69
		For Work In Restricted Working Space, Add	*7.95*	
22 13 16 00-0823	EA	2" Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Adapters With Plug	85.74	22.57
		For Work In Restricted Working Space, Add	*10.17*	
22 13 16 00-0824	EA	3" Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Adapters With Plug	125.20	30.30
		For Work In Restricted Working Space, Add	*13.67*	
22 13 16 00-0825	EA	4" Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Adapters With Plug	240.48	35.28
		For Work In Restricted Working Space, Add	*15.89*	
22 13 16 00-0826	EA	6" Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Adapters With Plug	583.62	45.88
		For Work In Restricted Working Space, Add	*20.66*	

22 13 16 00-0827 Acrylonitrile Butadiene Styrene (ABS) DWV Couplings *(22 13 16 00-0730)*

22 13 16 00-0828	EA	1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Couplings	37.56	17.69
		For Work In Restricted Working Space, Add	*7.95*	
22 13 16 00-0829	EA	2" Acrylonitrile Butadiene Styrene (ABS) DWV Couplings	45.58	22.57
		For Work In Restricted Working Space, Add	*10.17*	
22 13 16 00-0830	EA	3" Acrylonitrile Butadiene Styrene (ABS) DWV Couplings	77.31	30.30
		For Work In Restricted Working Space, Add	*13.67*	
22 13 16 00-0831	EA	4" Acrylonitrile Butadiene Styrene (ABS) DWV Couplings	105.32	35.28
		For Work In Restricted Working Space, Add	*15.89*	
22 13 16 00-0832	EA	6" Acrylonitrile Butadiene Styrene (ABS) DWV Couplings	327.58	45.88
		For Work In Restricted Working Space, Add	*20.66*	

22 13 16 00-0833 Acrylonitrile Butadiene Styrene (ABS) DWV Reducers *(22 13 16 00-0730)*

22 13 16 00-0834	EA	2" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducers	58.25	20.13
		For Work In Restricted Working Space, Add	*9.06*	
22 13 16 00-0835	EA	3" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducers	124.99	23.95
		For Work In Restricted Working Space, Add	*10.81*	
22 13 16 00-0836	EA	3" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducers	114.32	26.49
		For Work In Restricted Working Space, Add	*11.92*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0837	EA	4" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducers	190.57	28.92
		For Work In Restricted Working Space, Add	*13.03*	
22 13 16 00-0838	EA	4" x 3" Acrylonitrile Butadiene Styrene (ABS) DWV Reducers	203.21	32.84
		For Work In Restricted Working Space, Add	*14.78*	
22 13 16 00-0839		**Acrylonitrile Butadiene Styrene (ABS) DWV P-Traps** *(22 13 16 00-0730)*		
22 13 16 00-0840	EA	1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV P-Traps	94.13	26.49
		For Work In Restricted Working Space, Add	*11.92*	
22 13 16 00-0841	EA	2" Acrylonitrile Butadiene Styrene (ABS) DWV P-Traps	138.90	33.91
		For Work In Restricted Working Space, Add	*15.26*	
22 13 16 00-0842	EA	3" Acrylonitrile Butadiene Styrene (ABS) DWV P-Traps	471.64	45.56
		For Work In Restricted Working Space, Add	*20.50*	
22 13 16 00-0843	EA	4" Acrylonitrile Butadiene Styrene (ABS) DWV P-Traps	905.72	52.98
		For Work In Restricted Working Space, Add	*23.84*	
22 13 16 00-0844		**Acrylonitrile Butadiene Styrene (ABS) DWV Closet Flanges** *(22 13 16 00-0730)*		
22 13 16 00-0845	EA	4" Acrylonitrile Butadiene Styrene (ABS) DWV Closet Flanges	128.93	35.28
		For Work In Restricted Working Space, Add	*15.89*	
22 13 16 00-0846	EA	4" x 3" Acrylonitrile Butadiene Styrene (ABS) DWV Closet Flanges	120.51	32.84
		For Work In Restricted Working Space, Add	*14.78*	
22 13 16 00-0847		**Acrylonitrile Butadiene Styrene (ABS) DWV Male Adapters** *(22 13 16 00-0730)*		
22 13 16 00-0848	EA	1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Male Adapters	27.37	8.79
		For Work In Restricted Working Space, Add	*3.98*	
22 13 16 00-0849	EA	2" Acrylonitrile Butadiene Styrene (ABS) DWV Male Adapters	41.99	11.33
		For Work In Restricted Working Space, Add	*5.09*	
22 13 16 00-0850	EA	3" Acrylonitrile Butadiene Styrene (ABS) DWV Male Adapters	95.71	15.15
		For Work In Restricted Working Space, Add	*6.83*	
22 13 16 00-0851	EA	4" Acrylonitrile Butadiene Styrene (ABS) DWV Male Adapters	187.83	17.69
		For Work In Restricted Working Space, Add	*7.95*	
22 13 16 00-0852		**Acrylonitrile Butadiene Styrene (ABS) DWV Flush Bushings** *(22 13 16 00-0730)*		
22 13 16 00-0853	EA	2" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Flush Bushing	41.86	20.13
		For Work In Restricted Working Space, Add	*9.06*	
22 13 16 00-0854	EA	3" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Flush Bushing	98.98	23.95
		For Work In Restricted Working Space, Add	*10.81*	
22 13 16 00-0855	EA	3" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Flush Bushing	79.73	26.49
		For Work In Restricted Working Space, Add	*11.92*	
22 13 16 00-0856	EA	4" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Flush Bushing	188.55	28.92
		For Work In Restricted Working Space, Add	*13.03*	
22 13 16 00-0857	EA	4" x 3" Acrylonitrile Butadiene Styrene (ABS) DWV Flush Bushing	133.36	32.84
		For Work In Restricted Working Space, Add	*14.78*	
22 13 16 00-0858	EA	6" x 4" Acrylonitrile Butadiene Styrene (ABS) DWV Flush Bushing	390.68	40.60
		For Work In Restricted Working Space, Add	*18.29*	
22 13 16 00-0859		**Acrylonitrile Butadiene Styrene (ABS) To Polyvinyl Chloride (PVC) Flexible Couplings** *(22 13 16 00-0730)*		
22 13 16 00-0860	EA	1-1/2" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) To Polyvinyl Chloride (PVC) Flexible Coupling	136.30	17.69
		For Work In Restricted Working Space, Add	*7.95*	
22 13 16 00-0861	EA	2" x 2" Acrylonitrile Butadiene Styrene (ABS) To Polyvinyl Chloride (PVC) Flexible Coupling	151.04	22.57
		For Work In Restricted Working Space, Add	*10.17*	
22 13 16 00-0862	EA	3" x 3" Acrylonitrile Butadiene Styrene (ABS) To Polyvinyl Chloride (PVC) Flexible Coupling	170.01	30.30
		For Work In Restricted Working Space, Add	*13.67*	
22 13 16 00-0863	EA	4" x 4" Acrylonitrile Butadiene Styrene (ABS) To Polyvinyl Chloride (PVC) Flexible Coupling	184.75	35.28
		For Work In Restricted Working Space, Add	*15.89*	
22 13 16 00-0864		**Cut And Prepare Existing Acrylonitrile Butadiene Styrene (ABS) DWV Pipe** *(22 13 16 00-0717)* Note: In place piping.		
22 13 16 00-0865	EA	1-1/2", Cut And Prepare Existing Acrylonitrile Butadiene Styrene (ABS) DWV Pipe	7.76	
22 13 16 00-0866	EA	2", Cut And Prepare Existing Acrylonitrile Butadiene Styrene (ABS) DWV Pipe	8.55	
22 13 16 00-0867	EA	3", Cut And Prepare Existing Acrylonitrile Butadiene Styrene (ABS) DWV Pipe	10.87	
22 13 16 00-0868	EA	4", Cut And Prepare Existing Acrylonitrile Butadiene Styrene (ABS) DWV Pipe	14.67	
22 13 16 00-0869	EA	6", Cut And Prepare Existing Acrylonitrile Butadiene Styrene (ABS) DWV Pipe	20.96	
22 13 16 00-0870		**Elastomeric Flexible Pipe Couplings** *(22 13 16)*		
22 13 16 00-0871		**Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Couplings** *(22 13 16 00-0870)* Note: For cast iron or plastic to cast iron or plastic pipe (Cast Iron/Plastic To Cast Iron/Plastic). Includes stainless steel clamps.		
22 13 16 00-0872	EA	1-1/4" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-125)	13.40	4.60
		For Work In Restricted Working Space, Add	*2.76*	
22 13 16 00-0873	EA	1-1/2" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-150)	14.44	4.89
		For Work In Restricted Working Space, Add	*2.93*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0874	EA	2" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-22)	15.18	5.18
		For Work In Restricted Working Space, Add	*3.11*	
22 13 16 00-0875	EA	3" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-33)	17.47	5.47
		For Work In Restricted Working Space, Add	*3.28*	
22 13 16 00-0876	EA	4" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-44)	19.68	5.75
		For Work In Restricted Working Space, Add	*3.45*	
22 13 16 00-0877	EA	5" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-55)	24.89	6.04
		For Work In Restricted Working Space, Add	*3.62*	
22 13 16 00-0878	EA	6" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-66)	30.14	6.32
		For Work In Restricted Working Space, Add	*3.80*	
22 13 16 00-0879	EA	8" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-88)	40.70	6.91
		For Work In Restricted Working Space, Add	*4.14*	
22 13 16 00-0880	EA	10" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-1010)	53.49	8.06
		For Work In Restricted Working Space, Add	*4.83*	

22 13 16 00-0881 Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Couplings *(22 13 16 00-0870)*

Note: For cast iron or plastic to cast iron or plastic pipe (Cast Iron/Plastic To Cast Iron/Plastic). Includes stainless steel clamps.

22 13 16 00-0882	EA	1-1/2" x 1-1/4" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-150/125)	14.27	4.89
		For Work In Restricted Working Space, Add	*2.93*	
22 13 16 00-0883	EA	2" x 1-1/2" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-215)	15.46	5.18
		For Work In Restricted Working Space, Add	*3.11*	
22 13 16 00-0884	EA	3" x 1-1/2" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-315)	18.82	5.47
		For Work In Restricted Working Space, Add	*3.28*	
22 13 16 00-0885	EA	3" x 2" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-32)	16.98	5.47
		For Work In Restricted Working Space, Add	*3.28*	
22 13 16 00-0886	EA	4" x 1-1/2" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-415)	23.00	5.75
		For Work In Restricted Working Space, Add	*3.45*	
22 13 16 00-0887	EA	4" x 2" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-42)	22.06	5.75
		For Work In Restricted Working Space, Add	*3.45*	
22 13 16 00-0888	EA	4" x 3" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-43)	20.31	5.75
		For Work In Restricted Working Space, Add	*3.45*	
22 13 16 00-0889	EA	5" x 3" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-53)	28.99	6.04
		For Work In Restricted Working Space, Add	*3.62*	
22 13 16 00-0890	EA	5" x 4" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-54)	26.32	6.04
		For Work In Restricted Working Space, Add	*3.62*	
22 13 16 00-0891	EA	6" x 3" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-63)	35.66	6.32
		For Work In Restricted Working Space, Add	*3.80*	
22 13 16 00-0892	EA	6" x 4" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-64)	31.66	6.32
		For Work In Restricted Working Space, Add	*3.80*	
22 13 16 00-0893	EA	6" x 5" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-65)	32.78	6.32
		For Work In Restricted Working Space, Add	*3.80*	
22 13 16 00-0894	EA	8" x 4" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-84)	64.16	11.51
		For Work In Restricted Working Space, Add	*6.90*	
22 13 16 00-0895	EA	8" x 6" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-86)	53.07	11.51
		For Work In Restricted Working Space, Add	*6.90*	
22 13 16 00-0896	EA	10" x 8" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-10-8)	66.83	12.94
		For Work In Restricted Working Space, Add	*7.77*	

22 13 16 00-0897 Elastomeric Flexible Expansion Joint Couplings (Fernco XJ) *(22 13 16)*

Note: Includes stainless steel clamps.

22 13 16 00-0898	EA	1-1/2" Elastomeric Flexible Expansion Joint Coupling (Fernco XJ-150)	28.26	4.89
22 13 16 00-0899	EA	2" Elastomeric Flexible Expansion Joint Coupling (Fernco XJ-2)	31.38	5.18
22 13 16 00-0900	EA	3" Elastomeric Flexible Expansion Joint Coupling (Fernco XJ-3)	33.68	5.47
22 13 16 00-0901	EA	4" Elastomeric Flexible Expansion Joint Coupling (Fernco XJ-4)	40.12	5.75

22 13 16 00-0902 Elastomeric Flexible Pipe Caps (Fernco QC) *(22 13 16)*

Note: For cast iron, steel, copper or plastic pipe. Includes stainless steel clamp.

22 13 16 00-0903	EA	1-1/2" Elastomeric Flexible Pipe Cap (Fernco QC-101)	50.49	31.06
22 13 16 00-0904	EA	2" Elastomeric Flexible Pipe Cap (Fernco QC-102)	54.12	33.02
22 13 16 00-0905	EA	3" Elastomeric Flexible Pipe Cap (Fernco QC-103)	62.64	37.85
22 13 16 00-0906	EA	4" Elastomeric Flexible Pipe Cap (Fernco QC-104)	82.66	50.05
22 13 16 00-0907	EA	5" Elastomeric Flexible Pipe Cap (Fernco QC-105)	99.06	59.83
22 13 16 00-0908	EA	6" Elastomeric Flexible Pipe Cap (Fernco QC-106)	114.29	69.04
22 13 16 00-0909	EA	8" Elastomeric Flexible Pipe Cap (Fernco QC-108)	152.87	87.44
22 13 16 00-0910	EA	10" Elastomeric Flexible Pipe Cap (Fernco QC-110)	187.13	97.80
22 13 16 00-0911	EA	12" Elastomeric Flexible Pipe Cap (Fernco QC-112)	235.49	108.73

22 13 16 00-0912 Cast Iron Vent Stack Flashing Sleeves With Caulking Recess (Josam 26450 Series) *(22 13 16)*

22 13 16 00-0913	EA	1-1/2" Cast Iron Vent Stack Flashing Sleeves With Caulking Recess	97.50	23.84
22 13 16 00-0914	EA	2" Cast Iron Vent Stack Flashing Sleeves With Caulking Recess	102.80	26.49
22 13 16 00-0915	EA	3" Cast Iron Vent Stack Flashing Sleeves With Caulking Recess	154.28	34.43
22 13 16 00-0916	EA	4" Cast Iron Vent Stack Flashing Sleeves With Caulking Recess	180.90	39.73
22 13 16 00-0917	EA	5" Cast Iron Vent Stack Flashing Sleeves With Caulking Recess	211.05	45.03
22 13 16 00-0918	EA	6" Cast Iron Vent Stack Flashing Sleeves With Caulking Recess	356.87	50.33

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0919		Cast Iron Vent Stack Flashing Sleeves With Counterflashing Recess (Josam 26440 Series) *(22 13 16)*		
22 13 16 00-0920	EA	1-1/2" Cast Iron Vent Stack Flashing Sleeves With Counterflashing Recess	203.19	23.84
22 13 16 00-0921	EA	2" Cast Iron Vent Stack Flashing Sleeves With Counterflashing Recess	208.49	26.49
22 13 16 00-0922	EA	3" Cast Iron Vent Stack Flashing Sleeves With Counterflashing Recess	247.63	34.43
22 13 16 00-0923	EA	4" Cast Iron Vent Stack Flashing Sleeves With Counterflashing Recess	310.05	39.73
22 13 16 00-0924	EA	5" Cast Iron Vent Stack Flashing Sleeves With Counterflashing Recess	424.32	45.03
22 13 16 00-0925	EA	6" Cast Iron Vent Stack Flashing Sleeves With Counterflashing Recess	434.91	50.33
22 13 16 00-0926		Cast Iron Vandal Proof Hooded Vent Cap (Josam 26700 Series) *(22 13 16)*		
		Note: Includes counterflashing collar, deep protective hood and recessed securing screws.		
22 13 16 00-0927	EA	1-1/2" Cast Iron Vandal Proof Hooded Vent Cap	389.06	23.84
22 13 16 00-0928	EA	2" Cast Iron Vandal Proof Hooded Vent Cap	394.36	26.49
22 13 16 00-0929	EA	3" Cast Iron Vandal Proof Hooded Vent Cap	452.92	34.43
22 13 16 00-0930	EA	4" Cast Iron Vandal Proof Hooded Vent Cap	509.75	39.73
22 13 16 00-0931	EA	5" Cast Iron Vandal Proof Hooded Vent Cap	595.03	45.03
22 13 16 00-0932	EA	6" Cast Iron Vandal Proof Hooded Vent Cap	650.07	50.33

22 13 19 Sanitary Waste Piping Specialties *(22 13)*

22 13 19 13 Sanitary Drains *(22 13 19)*

22 13 19 13-0001		Round Top Floor Drains *(22 13 19 13)*		
22 13 19 13-0002	EA	Bronze Top, 6" Round Top Floor Drain With 2" Outlet	880.06	127.67
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0003	EA	Bronze Top, 6" Round Top Floor Drain With 3" Outlet	856.02	141.23
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0004	EA	Bronze Top, 6" Round Top Floor Drain With 4" Outlet	885.11	155.86
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0005	EA	6" Round Top Floor Drain With 6" Outlet, Bronze Top	920.72	155.86
22 13 19 13-0006	EA	Cast Iron Top, 9" Round Top Floor Drain With 2" Outlet	802.36	127.67
		For Vandal Proof Screws, Add	*30.50*	
		For Ductile Iron Grate, Add	*48.00*	
		For Cast Iron Dome Grate, Add	*17.00*	
		For Nikaloy Dome Grate, Add	*178.50*	
		For Bronze Dome Grate, Add	*143.00*	
		For Cast Iron Extension Collar, Each 3" (76 mm), Add	*57.50*	
		For Galvanized Extension Collar, Each 3", Add	*117.50*	
22 13 19 13-0007	EA	Cast Iron Top, 9" Round Top Floor Drain With 3" Outlet	829.59	141.23
		For Vandal Proof Screws, Add	*30.50*	
		For Ductile Iron Grate, Add	*48.00*	
		For Cast Iron Dome Grate, Add	*17.00*	
		For Nikaloy Dome Grate, Add	*178.50*	
		For Bronze Dome Grate, Add	*143.00*	
		For Cast Iron Extension Collar, Each 3" (76 mm), Add	*57.50*	
		For Galvanized Extension Collar, Each 3", Add	*117.50*	
22 13 19 13-0008	EA	Cast Iron Top, 9" Round Top Floor Drain With 4" Outlet	858.68	155.86
		For Vandal Proof Screws, Add	*30.50*	
		For Ductile Iron Grate, Add	*48.00*	
		For Cast Iron Dome Grate, Add	*17.00*	
		For Nikaloy Dome Grate, Add	*178.50*	
		For Bronze Dome Grate, Add	*143.00*	
		For Cast Iron Extension Collar, Each 3" (76 mm), Add	*57.50*	
		For Galvanized Extension Collar, Each 3", Add	*117.50*	
22 13 19 13-0009	EA	Nikaloy Top, 9" Round Top Floor Drain With 2" Outlet	1,346.77	127.67
		For Vandal Proof Screws, Add	*30.50*	
		For Ductile Iron Grate, Add	*48.00*	
		For Cast Iron Dome Grate, Add	*17.00*	
		For Nikaloy Dome Grate, Add	*178.50*	
		For Bronze Dome Grate, Add	*143.00*	
		For Cast Iron Extension Collar, Each 3" (76 mm), Add	*57.50*	
		For Galvanized Extension Collar, Each 3", Add	*117.50*	
22 13 19 13-0010	EA	Nikaloy Top, 9" Round Top Floor Drain With 3" Outlet	1,374.00	141.23
		For Vandal Proof Screws, Add	*30.50*	
		For Ductile Iron Grate, Add	*48.00*	
		For Cast Iron Dome Grate, Add	*17.00*	
		For Nikaloy Dome Grate, Add	*178.50*	
		For Bronze Dome Grate, Add	*143.00*	
		For Cast Iron Extension Collar, Each 3" (76 mm), Add	*57.50*	
		For Galvanized Extension Collar, Each 3", Add	*117.50*	
22 13 19 13-0011	EA	Nikaloy Top, 9" Round Top Floor Drain With 4" Outlet	1,403.09	155.86
		For Vandal Proof Screws, Add	*30.50*	
		For Ductile Iron Grate, Add	*48.00*	
		For Cast Iron Dome Grate, Add	*17.00*	
		For Nikaloy Dome Grate, Add	*178.50*	
		For Bronze Dome Grate, Add	*143.00*	
		For Cast Iron Extension Collar, Each 3" (76 mm), Add	*57.50*	
		For Galvanized Extension Collar, Each 3", Add	*117.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 19 13-0012	EA	Bronze Top, 9" Round Top Floor Drain With 2" Outlet	1,267.48	127.67
		For Vandal Proof Screws, Add	*30.50*	
		For Ductile Iron Grate, Add	*48.00*	
		For Cast Iron Dome Grate, Add	*17.00*	
		For Nikaloy Dome Grate, Add	*178.50*	
		For Bronze Dome Grate, Add	*143.00*	
		For Cast Iron Extension Collar, Each 3" (76 mm), Add	*57.50*	
		For Galvanized Extension Collar, Each 3", Add	*117.50*	
22 13 19 13-0013	EA	Bronze Top, 9" Round Top Floor Drain With 3" Outlet	1,294.56	141.23
		For Vandal Proof Screws, Add	*30.50*	
		For Ductile Iron Grate, Add	*48.00*	
		For Cast Iron Dome Grate, Add	*17.00*	
		For Nikaloy Dome Grate, Add	*178.50*	
		For Bronze Dome Grate, Add	*143.00*	
		For Cast Iron Extension Collar, Each 3" (76 mm), Add	*57.50*	
		For Galvanized Extension Collar, Each 3", Add	*117.50*	
22 13 19 13-0014	EA	Bronze Top, 9" Round Top Floor Drain With 4" Outlet	1,323.80	155.86
		For Vandal Proof Screws, Add	*30.50*	
		For Ductile Iron Grate, Add	*48.00*	
		For Cast Iron Dome Grate, Add	*17.00*	
		For Nikaloy Dome Grate, Add	*178.50*	
		For Bronze Dome Grate, Add	*143.00*	
		For Cast Iron Extension Collar, Each 3" (76 mm), Add	*57.50*	
		For Galvanized Extension Collar, Each 3", Add	*117.50*	
22 13 19 13-0015	EA	Cast Iron Top, 12-5/8" Round Top Floor Drain With 2" Outlet	1,394.22	127.57
		For Vandal Proof Screws, Add	*30.50*	
		For Ductile Iron Grate, Add	*53.00*	
		For Cast Iron Dome Grate, Add	*28.00*	
		For Nikaloy Dome Grate, Add	*255.00*	
		For Bronze Dome Grate, Add	*218.50*	
		For Cast Iron Extension Collar, Each 2", Add	*51.00*	
		For Galvanized Extension Collar, Each 2", Add	*102.50*	
		For Galvanized Cast Iron Parts, Add	*132.00*	
		For Primer Tap, Add	*33.50*	
		For Chained Grate, Add	*48.50*	
22 13 19 13-0016	EA	Cast Iron Top, 12-5/8" Round Top Floor Drain With 3" Outlet	1,421.42	141.23
		For Vandal Proof Screws, Add	*30.50*	
		For Ductile Iron Grate, Add	*53.00*	
		For Cast Iron Dome Grate, Add	*28.00*	
		For Nikaloy Dome Grate, Add	*255.00*	
		For Bronze Dome Grate, Add	*218.50*	
		For Cast Iron Extension Collar, Each 2", Add	*51.00*	
		For Galvanized Extension Collar, Each 2", Add	*102.50*	
		For Galvanized Cast Iron Parts, Add	*132.00*	
		For Primer Tap, Add	*33.50*	
		For Chained Grate, Add	*48.50*	
22 13 19 13-0017	EA	Cast Iron Top, 12-5/8" Round Top Floor Drain With 4" Outlet	1,450.66	155.86
		For Vandal Proof Screws, Add	*30.50*	
		For Ductile Iron Grate, Add	*53.00*	
		For Cast Iron Dome Grate, Add	*28.00*	
		For Nikaloy Dome Grate, Add	*255.00*	
		For Bronze Dome Grate, Add	*218.50*	
		For Cast Iron Extension Collar, Each 2", Add	*51.00*	
		For Galvanized Extension Collar, Each 2", Add	*102.50*	
		For Galvanized Cast Iron Parts, Add	*132.00*	
		For Primer Tap, Add	*33.50*	
		For Chained Grate, Add	*48.50*	
22 13 19 13-0018	EA	Nikaloy Top, 12-5/8" Round Top Floor Drain With 2" Outlet	2,208.18	127.57
		For Vandal Proof Screws, Add	*30.50*	
		For Ductile Iron Grate, Add	*53.00*	
		For Cast Iron Dome Grate, Add	*28.00*	
		For Nikaloy Dome Grate, Add	*255.00*	
		For Bronze Dome Grate, Add	*218.50*	
		For Cast Iron Extension Collar, Each 2", Add	*51.00*	
		For Galvanized Extension Collar, Each 2", Add	*102.50*	
		For Galvanized Cast Iron Parts, Add	*132.00*	
		For Primer Tap, Add	*33.50*	
		For Chained Grate, Add	*48.50*	
22 13 19 13-0019	EA	Nikaloy Top, 12-5/8" Round Top Floor Drain With 3" Outlet	2,235.38	141.23
		For Vandal Proof Screws, Add	*30.50*	
		For Ductile Iron Grate, Add	*53.00*	
		For Cast Iron Dome Grate, Add	*28.00*	
		For Nikaloy Dome Grate, Add	*255.00*	
		For Bronze Dome Grate, Add	*218.50*	
		For Cast Iron Extension Collar, Each 2", Add	*51.00*	
		For Galvanized Extension Collar, Each 2", Add	*102.50*	
		For Galvanized Cast Iron Parts, Add	*132.00*	
		For Primer Tap, Add	*33.50*	
		For Chained Grate, Add	*48.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 19 13-0020	EA	Nikaloy Top, 12-5/8" Round Top Floor Drain With 4" Outlet	2,264.62	155.86
		For Vandal Proof Screws, Add	*30.50*	
		For Ductile Iron Grate, Add	*53.00*	
		For Cast Iron Dome Grate, Add	*28.00*	
		For Nikaloy Dome Grate, Add	*255.00*	
		For Bronze Dome Grate, Add	*218.50*	
		For Cast Iron Extension Collar, Each 2", Add	*51.00*	
		For Galvanized Extension Collar, Each 2", Add	*102.50*	
		For Galvanized Cast Iron Parts, Add	*132.00*	
		For Primer Tap, Add	*33.50*	
		For Chained Grate, Add	*48.50*	
22 13 19 13-0021	EA	Bronze Top, 12-5/8" Round Top Floor Drain With 2" Outlet	2,099.83	127.57
		For Vandal Proof Screws, Add	*30.50*	
		For Ductile Iron Grate, Add	*53.00*	
		For Cast Iron Dome Grate, Add	*28.00*	
		For Nikaloy Dome Grate, Add	*255.00*	
		For Bronze Dome Grate, Add	*218.50*	
		For Cast Iron Extension Collar, Each 2", Add	*51.00*	
		For Galvanized Extension Collar, Each 2", Add	*102.50*	
		For Galvanized Cast Iron Parts, Add	*132.00*	
		For Primer Tap, Add	*33.50*	
		For Chained Grate, Add	*48.50*	
22 13 19 13-0022	EA	Bronze Top, 12-5/8" Round Top Floor Drain With 3" Outlet	2,127.03	141.23
		For Vandal Proof Screws, Add	*30.50*	
		For Ductile Iron Grate, Add	*53.00*	
		For Cast Iron Dome Grate, Add	*28.00*	
		For Nikaloy Dome Grate, Add	*255.00*	
		For Bronze Dome Grate, Add	*218.50*	
		For Cast Iron Extension Collar, Each 2", Add	*51.00*	
		For Galvanized Extension Collar, Each 2", Add	*102.50*	
		For Galvanized Cast Iron Parts, Add	*132.00*	
		For Primer Tap, Add	*33.50*	
		For Chained Grate, Add	*48.50*	
22 13 19 13-0023	EA	Bronze Top, 12-5/8" Round Top Floor Drain With 4" Outlet	2,156.27	155.86
		For Vandal Proof Screws, Add	*30.50*	
		For Ductile Iron Grate, Add	*53.00*	
		For Cast Iron Dome Grate, Add	*28.00*	
		For Nikaloy Dome Grate, Add	*255.00*	
		For Bronze Dome Grate, Add	*218.50*	
		For Cast Iron Extension Collar, Each 2", Add	*51.00*	
		For Galvanized Extension Collar, Each 2", Add	*102.50*	
		For Galvanized Cast Iron Parts, Add	*132.00*	
		For Primer Tap, Add	*33.50*	
		For Chained Grate, Add	*48.50*	
22 13 19 13-0024	EA	Flashing Ring And Round Chrome Plated Top And Strainer, 5" Round, Top Floor Drain With 2" Outlet	1,344.42	158.46

22 13 19 13-0025 Square Or Rectangular Top Drains *(22 13 19 13)*

22 13 19 13-0026	EA	5" x 5" Floor Drain With 2" Bottom Outlet, Nikaloy Top	952.88	127.57
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0027	EA	5" x 5" Floor Drain With 3" Bottom Outlet, Nikaloy Top	980.38	141.34
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0028	EA	5" x 5" Floor Drain With 4" Bottom Outlet, Nikaloy Top	1,009.32	155.86
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0029	EA	6" x 6" Floor Drain With 2" Bottom Outlet, Nikaloy Top	1,032.16	127.57
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0030	EA	6" x 6" Floor Drain With 3" Bottom Outlet, Nikaloy Top	1,059.66	141.34
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0031	EA	6" x 6" Floor Drain With 4" Bottom Outlet, Nikaloy Top	1,088.60	155.86
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0032	EA	8" x 8" Floor Drain With 2" Bottom Outlet, Nikaloy Top	1,381.00	127.57
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0033	EA	8" x 8" Floor Drain With 3" Bottom Outlet, Nikaloy Top	1,408.50	141.34
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0034	EA	8" x 8" Floor Drain With 4" Bottom Outlet, Nikaloy Top	1,437.44	155.86
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0035	EA	5" x 5" Floor Drain With 2" Bottom Outlet, Bronze Top	894.74	127.57
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0036	EA	5" x 5" Floor Drain With 3" Bottom Outlet, Bronze Top	922.24	141.34
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0037	EA	5" x 5" Floor Drain With 4" Bottom Outlet, Bronze Top	951.18	155.86
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0038	EA	6" x 6" Floor Drain With 2" Bottom Outlet, Bronze Top	995.16	127.57
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0039	EA	6" x 6" Floor Drain With 3" Bottom Outlet, Bronze Top	1,022.66	141.34
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0040	EA	6" x 6" Floor Drain With 4" Bottom Outlet, Bronze Top	1,051.60	155.86
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0041	EA	8" x 8" Floor Drain With 2" Bottom Outlet, Bronze Top	1,277.93	127.57
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0042	EA	8" x 8" Floor Drain With 3" Bottom Outlet, Bronze Top	1,305.43	141.34
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0043	EA	8" x 8" Floor Drain With 4" Bottom Outlet, Bronze Top	1,334.37	155.86
		For Vandal Proof Screws, Add	*11.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 19 13-0044	EA	12" x 12" Can Wash Drain With 3" Bottom Outlet, Cast Iron Top	3,345.64	141.34
		For Chained Grate, Add	*48.50*	
		For No-Hub Side Outlet, Add	*76.00*	
22 13 19 13-0045	EA	12" x 12" Can Wash Drain With 4" Bottom Outlet, Cast Iron Top	3,374.58	155.86
		For Chained Grate, Add	*48.50*	
		For No-Hub Side Outlet, Add	*76.00*	
22 13 19 13-0046	EA	12" x 12" Can Wash Drain With 3" Bottom Outlet, Nikaloy Top	4,207.17	141.34
		For Chained Grate, Add	*48.50*	
		For No-Hub Side Outlet, Add	*76.00*	
22 13 19 13-0047	EA	12" x 12" Can Wash Drain With 4" Bottom Outlet, Nikaloy Top	4,236.11	155.86
		For Chained Grate, Add	*48.50*	
		For No-Hub Side Outlet, Add	*76.00*	
22 13 19 13-0048	EA	12" x 12" Can Wash Drain With 3" Bottom Outlet, Bronze Top	4,104.11	141.34
		For Chained Grate, Add	*48.50*	
		For No-Hub Side Outlet, Add	*76.00*	
22 13 19 13-0049	EA	12" x 12" Can Wash Drain With 4" Bottom Outlet, Bronze Top	4,133.05	155.86
		For Chained Grate, Add	*48.50*	
		For No-Hub Side Outlet, Add	*76.00*	
22 13 19 13-0050	EA	5" x 9" Floor Drain With 2" Bottom Outlet, Nikaloy Top	1,402.14	127.57
		For Vandal Proof Screws, Add	*11.00*	
		For Rough Bronze Body, Add	*120.94*	
22 13 19 13-0051	EA	5" x 9" Floor Drain With 3" Bottom Outlet, Nikaloy Top	1,429.64	141.34
		For Vandal Proof Screws, Add	*11.00*	
		For Rough Bronze Body, Add	*120.94*	
22 13 19 13-0052	EA	5" x 9" Floor Drain With 4" Bottom Outlet, Nikaloy Top	1,458.58	155.86
		For Vandal Proof Screws, Add	*11.00*	
		For Rough Bronze Body, Add	*120.94*	
22 13 19 13-0053	EA	5" x 13" Floor Drain With 2" Bottom Outlet, Nikaloy Top	1,811.77	127.57
		For Vandal Proof Screws, Add	*11.00*	
		For Rough Bronze Body, Add	*120.94*	
22 13 19 13-0054	EA	5" x 13" Floor Drain With 3" Bottom Outlet, Nikaloy Top	1,839.27	141.34
		For Vandal Proof Screws, Add	*11.00*	
		For Rough Bronze Body, Add	*120.94*	
22 13 19 13-0055	EA	5" x 13" Floor Drain With 4" Bottom Outlet, Nikaloy Top	1,868.21	155.86
		For Vandal Proof Screws, Add	*11.00*	
		For Rough Bronze Body, Add	*120.94*	
22 13 19 13-0056	EA	5" x 16-3/4" Floor Drain With 2" Bottom Outlet, Nikaloy Top	1,906.91	127.57
		For Vandal Proof Screws, Add	*11.00*	
		For Rough Bronze Body, Add	*120.94*	
22 13 19 13-0057	EA	5" x 16-5/8" Floor Drain With 3" Bottom Outlet, Nikaloy Top	1,934.41	141.34
		For Vandal Proof Screws, Add	*11.00*	
		For Rough Bronze Body, Add	*120.94*	
22 13 19 13-0058	EA	5" x 16-3/4" Floor Drain With 4" Bottom Outlet, Nikaloy Top	1,963.35	155.86
		For Vandal Proof Screws, Add	*11.00*	
		For Rough Bronze Body, Add	*120.94*	
22 13 19 13-0059	EA	5" x 21" Floor Drain With 2" Bottom Outlet, Nikaloy Top	2,644.24	127.57
		For Vandal Proof Screws, Add	*11.00*	
		For Rough Bronze Body, Add	*120.94*	
22 13 19 13-0060	EA	5" x 21" Floor Drain With 3" Bottom Outlet, Nikaloy Top	2,671.74	141.34
		For Vandal Proof Screws, Add	*11.00*	
		For Rough Bronze Body, Add	*120.94*	
22 13 19 13-0061	EA	5" x 21" Floor Drain With 4" Bottom Outlet, Nikaloy Top	2,700.68	155.86
		For Vandal Proof Screws, Add	*11.00*	
		For Rough Bronze Body, Add	*120.94*	
22 13 19 13-0062	EA	5" x 9" Floor Drain With 2" Bottom Outlet, Bronze Top	1,317.58	127.57
		For Vandal Proof Screws, Add	*11.00*	
		For Rough Bronze Body, Add	*120.94*	
22 13 19 13-0063	EA	5" x 9" Floor Drain With 3" Bottom Outlet, Bronze Top	1,345.08	141.34
		For Vandal Proof Screws, Add	*11.00*	
		For Rough Bronze Body, Add	*120.94*	
22 13 19 13-0064	EA	5" x 9" Floor Drain With 4" Bottom Outlet, Bronze Top	1,374.02	155.86
		For Vandal Proof Screws, Add	*11.00*	
		For Rough Bronze Body, Add	*120.94*	
22 13 19 13-0065	EA	5" x 13" Floor Drain With 2" Bottom Outlet, Bronze Top	1,666.42	127.57
		For Vandal Proof Screws, Add	*11.00*	
		For Rough Bronze Body, Add	*120.94*	
22 13 19 13-0066	EA	5" x 13" Floor Drain With 3" Bottom Outlet, Bronze Top	1,693.92	141.34
		For Vandal Proof Screws, Add	*11.00*	
		For Rough Bronze Body, Add	*120.94*	
22 13 19 13-0067	EA	5" x 13" Floor Drain With 4" Bottom Outlet, Bronze Top	1,722.86	155.86
		For Vandal Proof Screws, Add	*11.00*	
		For Rough Bronze Body, Add	*120.94*	
22 13 19 13-0068	EA	5" x 16-3/4" Floor Drain With 2" Bottom Outlet, Bronze Top	1,761.56	127.57
		For Vandal Proof Screws, Add	*11.00*	
		For Rough Bronze Body, Add	*120.94*	
22 13 19 13-0069	EA	5" x 16-5/8" Floor Drain With 3" Bottom Outlet, Bronze Top	1,789.06	141.34
		For Vandal Proof Screws, Add	*11.00*	
		For Rough Bronze Body, Add	*120.94*	
22 13 19 13-0070	EA	5" x 16-3/4" Floor Drain With 4" Bottom Outlet, Bronze Top	1,818.00	155.86
		For Vandal Proof Screws, Add	*11.00*	
		For Rough Bronze Body, Add	*120.94*	
22 13 19 13-0071	EA	5" x 21" Floor Drain With 2" Bottom Outlet, Bronze Top	2,361.46	127.57
		For Vandal Proof Screws, Add	*11.00*	
		For Rough Bronze Body, Add	*120.94*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 19 13-0072	EA	5" x 21" Floor Drain With 3" Bottom Outlet, Bronze Top	2,388.96	141.34
		For Vandal Proof Screws, Add	*11.00*	
		For Rough Bronze Body, Add	*120.94*	
22 13 19 13-0073	EA	5" x 21" Floor Drain With 4" Bottom Outlet, Bronze Top	2,417.90	155.86
		For Vandal Proof Screws, Add	*11.00*	
		For Rough Bronze Body, Add	*120.94*	

22 13 19 13-0074 Funnel Type Floor Drains *(22 13 19 13)*

22 13 19 13-0075	EA	7" Diameter Floor Drain With 4" Round Funnel With 1-1/2" Outlet, Bronze Top	1,324.60	113.90
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0076	EA	7" Diameter Floor Drain With 4" Round Funnel With 2" Outlet, Bronze Top	1,351.93	127.57
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0077	EA	7" Diameter Floor Drain With 4" Round Funnel With 3" Outlet, Bronze Top	1,379.13	141.23
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0078	EA	7" Diameter Floor Drain With 4" Round Funnel With 4" Outlet, Bronze Top	1,408.37	155.86
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0079	EA	7" Diameter Floor Drain With 9" x 3-1/2" Oval Funnel With 2" Outlet, Nikaloy Top	1,946.55	127.57
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0080	EA	7" Diameter Floor Drain With 9" x 3-1/2" Oval Funnel With 3" Outlet, Nikaloy Top	1,973.75	141.23
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0081	EA	7" Diameter Floor Drain With 9" x 3-1/2" Oval Funnel With 4" Outlet, Nikaloy Top	2,002.99	155.86
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0082	EA	7" Diameter Floor Drain With 9" x 3-1/2" Oval Funnel With 2" Outlet, Bronze Top	1,843.48	127.57
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0083	EA	7" Diameter Floor Drain With 9" x 3-1/2" Oval Funnel With 3" Outlet, Bronze Top	1,870.68	141.23
		For Vandal Proof Screws, Add	*11.00*	
22 13 19 13-0084	EA	7" Diameter Floor Drain With 9" x 3-1/2" Oval Funnel With 4" Outlet, Bronze Top	1,899.92	155.86
		For Vandal Proof Screws, Add	*11.00*	

22 13 19 13-0085 Floor Drain With Sediment Bucket Bottom Outlet *(22 13 19 13)*

22 13 19 13-0086	EA	12-5/8" Round Floor Drain With Sediment Bucket, 2" Bottom Outlet, Satin Bronze Top, Without Trap	2,836.15	113.90
		For Vandal Proof Screws, Add	*30.50*	
		For Galvanized Cast Iron Parts, Add	*132.00*	
		For Primer Tap, Add	*33.50*	
22 13 19 13-0087	EA	12-5/8" Round Floor Drain With Sediment Bucket, 3" Bottom Outlet, Satin Bronze Top, Without Trap	2,863.58	127.57
		For Vandal Proof Screws, Add	*30.50*	
		For Galvanized Cast Iron Parts, Add	*132.00*	
		For Primer Tap, Add	*33.50*	
22 13 19 13-0088	EA	12-5/8" Round Floor Drain With Sediment Bucket, 4" Bottom Outlet, Satin Bronze Top, Without Trap	2,890.78	141.23
		For Vandal Proof Screws, Add	*30.50*	
		For Galvanized Cast Iron Parts, Add	*132.00*	
		For Primer Tap, Add	*33.50*	
22 13 19 13-0089	EA	12-5/8" Round Floor Drain With Sediment Bucket, 5" Bottom Outlet, Satin Bronze Top, Without Trap	2,920.02	155.86
		For Vandal Proof Screws, Add	*30.50*	
		For Galvanized Cast Iron Parts, Add	*132.00*	
		For Primer Tap, Add	*33.50*	
22 13 19 13-0090	EA	12-5/8" Round Floor Drain With Sediment Bucket, 6" Bottom Outlet, Satin Bronze Top, Without Trap	2,950.18	170.90
		For Vandal Proof Screws, Add	*30.50*	
		For Galvanized Cast Iron Parts, Add	*132.00*	
		For Primer Tap, Add	*33.50*	
22 13 19 13-0091	EA	12" x 12" Floor Drain With Sediment Bucket, 2" Bottom Outlet, Nikaloy Top, Heavy Duty Loose-Set Cast Iron Grate	3,064.43	127.57
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*31.00*	
		For Aluminum Bucket, Add	*77.50*	
		For Galvanized Cast Iron Parts, Add	*273.75*	
22 13 19 13-0092	EA	12" x 12" Floor Drain With Sediment Bucket, 3" Bottom Outlet, Nikaloy Top, Heavy Duty Loose-Set Cast Iron Grate	3,091.93	141.34
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*31.00*	
		For Aluminum Bucket, Add	*77.50*	
		For Galvanized Cast Iron Parts, Add	*273.75*	
22 13 19 13-0093	EA	12" x 12" Floor Drain With Sediment Bucket, 4" Bottom Outlet, Nikaloy Top, Heavy Duty Loose-Set Cast Iron Grate	3,120.87	155.86
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*31.00*	
		For Aluminum Bucket, Add	*77.50*	
		For Galvanized Cast Iron Parts, Add	*273.75*	
22 13 19 13-0094	EA	12" x 12" Floor Drain With Sediment Bucket, 6" Bottom Outlet, Nikaloy Top, Heavy Duty Loose-Set Cast Iron Grate	3,151.03	170.90
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*31.00*	
		For Aluminum Bucket, Add	*77.50*	
		For Galvanized Cast Iron Parts, Add	*273.75*	
22 13 19 13-0095	EA	12" x 12" Floor Drain With Sediment Bucket, 2" Bottom Outlet, Cast Iron Top, Heavy Duty Loose-Set Cast Iron Grate	1,872.55	127.57
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*31.00*	
		For Aluminum Bucket, Add	*77.50*	
		For Galvanized Cast Iron Parts, Add	*273.75*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 19 13-0096	EA	12" x 12" Floor Drain With Sediment Bucket, 3" Bottom Outlet, Cast Iron Top, Heavy Duty Loose-Set Cast Iron Grate	1,900.05	141.34
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*31.00*	
		For Aluminum Bucket, Add	*77.50*	
		For Galvanized Cast Iron Parts, Add	*273.75*	
22 13 19 13-0097	EA	12" x 12" Floor Drain With Sediment Bucket, 4" Bottom Outlet, Cast Iron Top, Heavy Duty Loose-Set Cast Iron Grate	1,928.99	155.86
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*31.00*	
		For Aluminum Bucket, Add	*77.50*	
		For Galvanized Cast Iron Parts, Add	*273.75*	
22 13 19 13-0098	EA	12" x 12" Floor Drain With Sediment Bucket, 6" Bottom Outlet, Cast Iron Top, Heavy Duty Loose-Set Cast Iron Grate	1,959.15	170.90
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*31.00*	
		For Aluminum Bucket, Add	*77.50*	
		For Galvanized Cast Iron Parts, Add	*273.75*	
22 13 19 13-0099	EA	12" x 12" Floor Drain With Sediment Bucket, 2" Bottom Outlet, Bronze Top, Heavy Duty Loose-Set Cast Iron Grate	2,858.30	127.57
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*31.00*	
		For Aluminum Bucket, Add	*77.50*	
		For Galvanized Cast Iron Parts, Add	*273.75*	
22 13 19 13-0100	EA	12" x 12" Floor Drain With Sediment Bucket, 3" Bottom Outlet, Bronze Top, Heavy Duty Loose-Set Cast Iron Grate	2,885.80	141.34
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*31.00*	
		For Aluminum Bucket, Add	*77.50*	
		For Galvanized Cast Iron Parts, Add	*273.75*	
22 13 19 13-0101	EA	12" x 12" Floor Drain With Sediment Bucket, 4" Bottom Outlet, Bronze Top, Heavy Duty Loose-Set Cast Iron Grate	2,914.74	155.86
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*31.00*	
		For Aluminum Bucket, Add	*77.50*	
		For Galvanized Cast Iron Parts, Add	*273.75*	
22 13 19 13-0102	EA	12" x 12" Floor Drain With Sediment Bucket, 6" Bottom Outlet, Bronze Top, Heavy Duty Loose-Set Cast Iron Grate	2,944.90	170.90
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*31.00*	
		For Aluminum Bucket, Add	*77.50*	
		For Galvanized Cast Iron Parts, Add	*273.75*	

22 13 19 13-0103 Other Drains *(22 13 19 13)*

22 13 19 13-0104 Shower Drains *(22 13 19 13-0103)*

22 13 19 13-0105	EA	4-1/4" Stainless Steel Shower Drain Strainer Note: Includes two 2-5/8" screws.	51.29	11.51
22 13 19 13-0106	EA	4-1/4" Brass Shower Drain Strainer Note: Includes two 2-5/8" screws.	57.24	11.51
22 13 19 13-0107	EA	4" Brass Shower Drain For Polyvinyl Chloride (PVC) Pipe Note: Fits over 2" polyvinyl chloride (PVC) pipe or inside 3" polyvinyl chloride (PVC) pipe.	117.60	23.01
22 13 19 13-0108	EA	4" Chrome Finish, Threaded Brass Shower Drain And Gasket Note: For 2" pipe. Kohler K-9132.	151.79	23.01

22 13 19 13-0109 Acid Resistant Floor Drains *(22 13 19 13-0103)*

22 13 19 13-0110	EA	9" Diameter Floor Drain With 2" Bottom Outlet, Acid Resistant Top	1,335.07	113.90
		For Vandal Proof Screws, Add	*30.50*	
		For Primer Tap, Add	*33.50*	
22 13 19 13-0111	EA	9" Diameter Floor Drain With 3" Bottom Outlet, Acid Resistant Top	1,362.50	127.57
		For Vandal Proof Screws, Add	*30.50*	
		For Primer Tap, Add	*33.50*	
22 13 19 13-0112	EA	9" Diameter Floor Drain With 4" Bottom Outlet, Acid Resistant Top	1,389.70	141.23
		For Vandal Proof Screws, Add	*30.50*	
		For Primer Tap, Add	*33.50*	

22 13 19 13-0113 Rotary And Lever Drains *(22 13 19 13-0103)*

22 13 19 13-0114	EA	1-1/2" Drain, 3" Sink Opening Lever Drain	268.92	76.82
22 13 19 13-0115	EA	2" Drain, 3" Sink Opening Lever Drain	284.81	84.76
22 13 19 13-0116	EA	1-1/2" Drain, 3-1/2" Sink Opening Lever Drain	268.92	76.82
22 13 19 13-0117	EA	2" Drain, 3-1/2" Sink Opening Lever Drain	284.81	84.76
22 13 19 13-0118	EA	1-1/2" Drain, 3" Sink Opening Twist Drain	268.92	76.82
22 13 19 13-0119	EA	2" Drain, 3" Sink Opening Twist Drain	284.81	84.76
22 13 19 13-0120	EA	1-1/2" Drain, 3-1/2" Sink Opening Twist Drain	268.92	76.82
22 13 19 13-0121	EA	2" Drain, 3-1/2" Sink Opening Twist Drain	284.81	84.76
22 13 19 13-0122	EA	1-1/2" To 2" Drain, 3-1/2" Sink Opening Rotary Twist Drain (Fisher 16100)	373.76	84.76

22 13 19 13-0123 Floor Receptor *(22 13 19 13)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

22 13 19 13-0124 9" Diameter Round Shallow Receptor *(22 13 19 13-0123)*

Note: With slotted medium duty grate, aluminum secondary strainer and white acid resisting coated interior and top.

22 13 19 13-0125	EA	9" Diameter x 3" Shallow Cast Iron Floor Receptor, 2" Drain Connection	1,640.16	127.67
		For Flange With Seepage Holes, Add	*58.50*	
		For Flange With Seepage Holes And Clamp Collar, Add	*97.00*	
		For Trap Primer Connection, Add	*38.00*	
		For Full Grate With 2" (50 mm) Square Center Opening, Add	*36.00*	
		For Vandal Proof Secured Grate, Add	*33.50*	
		For White Acid Resistant Bucket, Add	*47.00*	
		For Stainless Steel Liner For Bucket, Add	*62.50*	
22 13 19 13-0126	EA	9" Diameter x 3" Shallow Cast Iron Floor Receptor, 3" Drain Connection	1,667.79	141.45
		For Flange With Seepage Holes, Add	*58.50*	
		For Flange With Seepage Holes And Clamp Collar, Add	*97.00*	
		For Trap Primer Connection, Add	*38.00*	
		For Full Grate With 2" (50 mm) Square Center Opening, Add	*36.00*	
		For Vandal Proof Secured Grate, Add	*33.50*	
		For White Acid Resistant Bucket, Add	*47.00*	
		For Stainless Steel Liner For Bucket, Add	*62.50*	
22 13 19 13-0127	EA	9" Diameter x 3" Shallow Cast Iron Floor Receptor, 4" Drain Connection	1,696.43	155.86
		For Flange With Seepage Holes, Add	*58.50*	
		For Flange With Seepage Holes And Clamp Collar, Add	*97.00*	
		For Trap Primer Connection, Add	*38.00*	
		For Full Grate With 2" (50 mm) Square Center Opening, Add	*36.00*	
		For Vandal Proof Secured Grate, Add	*33.50*	
		For White Acid Resistant Bucket, Add	*47.00*	
		For Stainless Steel Liner For Bucket, Add	*62.50*	

22 13 19 13-0128 Square Top Floor Receptors *(22 13 19 13-0123)*

Note: With acid resistant coating.

22 13 19 13-0129	EA	8" x 8" Floor Drain With 1-1/2" Bottom Outlet, Acid Resistant Top	1,940.36	113.90
		For Flange With Seepage Holes, Add	*37.50*	
		For Flange With Seepage Holes And Clamp Collar, Add	*69.00*	
		For Trap Primer Connection, Add	*39.50*	
		For Full Grate With 2" Square Center Opening, Add	*36.00*	
		For Vandal Proof Secured Grate, Add	*15.50*	
		For White Acid Resistant Bucket, Add	*88.00*	
		For Stainless Steel Liner For Bucket, Add	*97.00*	
22 13 19 13-0130	EA	8" x 8" Floor Drain With 2" Bottom Outlet, Acid Resistant Top	1,967.81	127.67
		For Flange With Seepage Holes, Add	*37.50*	
		For Flange With Seepage Holes And Clamp Collar, Add	*69.00*	
		For Trap Primer Connection, Add	*39.50*	
		For Full Grate With 2" Square Center Opening, Add	*36.00*	
		For Vandal Proof Secured Grate, Add	*15.50*	
		For White Acid Resistant Bucket, Add	*88.00*	
		For Stainless Steel Liner For Bucket, Add	*97.00*	
22 13 19 13-0131	EA	8" x 8" Floor Drain With 3" Bottom Outlet, Acid Resistant Top	1,994.89	141.23
		For Flange With Seepage Holes, Add	*37.50*	
		For Flange With Seepage Holes And Clamp Collar, Add	*69.00*	
		For Trap Primer Connection, Add	*39.50*	
		For Full Grate With 2" Square Center Opening, Add	*36.00*	
		For Vandal Proof Secured Grate, Add	*15.50*	
		For White Acid Resistant Bucket, Add	*88.00*	
		For Stainless Steel Liner For Bucket, Add	*97.00*	
22 13 19 13-0132	EA	8" x 8" Floor Drain With 4" Bottom Outlet, Acid Resistant Top	2,024.13	155.86
		For Flange With Seepage Holes, Add	*37.50*	
		For Flange With Seepage Holes And Clamp Collar, Add	*69.00*	
		For Trap Primer Connection, Add	*39.50*	
		For Full Grate With 2" Square Center Opening, Add	*36.00*	
		For Vandal Proof Secured Grate, Add	*15.50*	
		For White Acid Resistant Bucket, Add	*88.00*	
		For Stainless Steel Liner For Bucket, Add	*97.00*	

22 13 19 13-0133 Floor Drain Accessories *(22 13 19 13)*

22 13 19 13-0134	EA	3" Trap Guard Floor Drain Insert (ProVent TG3H) Note: Prevents emission of sewer gases.	110.93	13.25
22 13 19 13-0135	EA	2" Trap Guard Drain Insert For Cast Iron Or Polyvinyl Chloride (PVC) Pipe (ProVent TG22) Note: Prevents emission of sewer gases.	89.82	13.25
22 13 19 13-0136	EA	3" Trap Guard Drain Insert For Cast Iron Or Polyvinyl Chloride (PVC) Pipe (ProVent TG33) Note: Prevents emission of sewer gases.	98.26	13.25
22 13 19 13-0137	EA	3" Trap Guard Drain Insert For 4" Cast Iron Or Polyvinyl Chloride (PVC) Pipe (ProVent TG34IP) Note: Prevents emission of sewer gases.	119.37	13.25
22 13 19 13-0138	EA	3" Trap Guard Drain Insert For 4" Hub (ProVent TG34TP) Note: Prevents emission of sewer gases.	106.71	13.25
22 13 19 13-0139	EA	2" Quad Close Trap Seal, For Drain Body Or Strainer Throat (JRSmith 2692-02) Note: Prevents emission of sewer gases.	153.39	13.25
22 13 19 13-0140	EA	3" Quad Close Trap Seal, For Drain Body Or Strainer Throat (JRSmith 2692-03) Note: Prevents emission of sewer gases.	170.38	13.25
22 13 19 13-0141	EA	4" Quad Close Trap Seal, For Drain Body Or Strainer Throat (JRSmith 2692-04) Note: Prevents emission of sewer gases.	212.54	13.25

22 13 19 26 Grease Removal Devices *(22 13 19)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 19 26-0001		Manual Cleaning Epoxy Coated Steel Grease Interceptor *(22 13 19 26)* Note: Includes internal air relief, visible double wall trap, removable baffle, gasketed non-skid cover bearing PDI seal of approval and flow control fitting.		
22 13 19 26-0002		Standard Manual Cleaning Epoxy Coated Steel Grease Interceptor *(22 13 19 26-0001)* Note: Josam 60100H/60210A, Smith 8100/8400, Wade 5100, or Zurn Z1173/Z1170 series.		
22 13 19 26-0003	EA	7 GPM, 14 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60102H.	1,299.45	79.47
		For Steel Enclosure Cabinet With Non-Skid Cover, Add	*1,317.33*	
22 13 19 26-0004	EA	10 GPM, 20 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60103H.	1,516.32	178.80
		For Flange And Clamp Device, Add	*379.36*	
		For Steel Enclosure Cabinet With Non-Skid Cover, Add	*1,392.24*	
22 13 19 26-0005	EA	15 GPM, 30 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60104H.	2,156.96	198.66
		For Flange And Clamp Device, Add	*392.60*	
		For Steel Enclosure Cabinet With Non-Skid Cover, Add	*1,520.58*	
22 13 19 26-0006	EA	20 GPM, 40 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60105H.	2,607.24	218.53
		For Flange And Clamp Device, Add	*405.85*	
		For Steel Enclosure Cabinet With Non-Skid Cover, Add	*1,643.49*	
22 13 19 26-0007	EA	25 GPM, 50 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60106H.	2,919.66	238.40
		For Flange And Clamp Device, Add	*449.49*	
		For Steel Enclosure Cabinet With Non-Skid Cover, Add	*1,711.68*	
22 13 19 26-0008	EA	35 GPM, 70 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60107H.	3,586.79	278.13
		For Flange And Clamp Device, Add	*487.18*	
		For Steel Enclosure Cabinet With Non-Skid Cover, Add	*1,883.88*	
22 13 19 26-0009	EA	50 GPM, 100 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60108H.	4,682.82	317.86
		For Flange And Clamp Device, Add	*554.63*	
		For Steel Enclosure Cabinet With Non-Skid Cover, Add	*2,009.06*	
22 13 19 26-0010	EA	75 GPM, 150 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60109H.	9,229.69	357.59
		For Flange And Clamp Device, Add	*782.40*	
22 13 19 26-0011	EA	100 GPM, 200 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60110H.	10,449.28	451.70
		For Flange And Clamp Device, Add	*909.14*	
22 13 19 26-0012	EA	150 GPM, 300 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60213A.	12,881.43	722.72
		For Flange And Clamp Device, Add	*1,249.82*	
22 13 19 26-0013	EA	200 GPM, 400 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60214A.	18,493.70	903.40
		For Flange And Clamp Device, Add	*1,499.55*	
22 13 19 26-0014	EA	250 GPM, 500 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60215A.	21,571.28	1,084.08
		For Flange And Clamp Device, Add	*1,932.97*	
22 13 19 26-0015	EA	350 GPM, 700 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60216A,.	28,038.40	1,264.76
		For Flange And Clamp Device, Add	*2,291.18*	
22 13 19 26-0016	EA	500 GPM, 1,000 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60217A.	36,287.47	1,445.45
		For Flange And Clamp Device, Add	*2,684.91*	
22 13 19 26-0017		Low Profile Manual Cleaning Epoxy Coated Steel Grease Interceptor *(22 13 19 26-0001)* Note: Josam 60110A, Smith 8100, Wade 5100LR, or Zurn Z1171 series.		
22 13 19 26-0018	EA	20 GPM, 40 LB Capacity Low Profile Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60115A.	3,762.62	218.53
22 13 19 26-0019	EA	35 GPM, 70 LB Capacity Low Profile Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60117A.	4,840.64	278.13
22 13 19 26-0020	EA	50 GPM, 100 LB Capacity Low Profile Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Smith 8150.	7,997.25	317.86
22 13 19 26-0021		Semi Automatic Cleaning Epoxy Coated Steel Grease Interceptor *(22 13 19 26)* Note: Includes internal air relief, visible double wall trap, removable baffle, gasketed non-skid cover bearing PDI seal of approval, grease recovery cone, flexible hose, grease draw off valve and flow control fitting.		
22 13 19 26-0022		Standard Semi Automatic Cleaning Epoxy Coated Steel Grease Interceptor *(22 13 19 26-0021)* Note: Josam 60100-SA, Smith 8300GTX, Wade 5100JCX, or Zurn Z1173-TD series.		
22 13 19 26-0023	EA	7 GPM, 14 LB Capacity Semi Automatic Epoxy Coated Steel Grease Interceptor Note: Josam 60102-SA.	3,309.70	79.47
		For Steel Enclosure Cabinet With Non-Skid Cover, Add	*1,317.33*	
22 13 19 26-0024	EA	10 GPM, 20 LB Capacity Semi Automatic Epoxy Coated Steel Grease Interceptor Note: Josam 60103-SA.	3,892.73	178.80
		For Steel Enclosure Cabinet With Non-Skid Cover, Add	*1,392.24*	
22 13 19 26-0025	EA	15 GPM, 30 LB Capacity Semi Automatic Epoxy Coated Steel Grease Interceptor Note: Josam 60104-SA.	4,158.46	198.66
		For Steel Enclosure Cabinet With Non-Skid Cover, Add	*1,520.58*	
22 13 19 26-0026	EA	20 GPM, 40 LB Capacity Semi Automatic Epoxy Coated Steel Grease Interceptor Note: Josam 60105-SA.	5,077.02	218.53
		For Steel Enclosure Cabinet With Non-Skid Cover, Add	*1,643.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 19 26-0027	EA	25 GPM, 50 LB Capacity Semi Automatic Epoxy Coated Steel Grease Interceptor Note: Josam 60106-SA.	6,122.49	238.40
		For Steel Enclosure Cabinet With Non-Skid Cover, Add	*1,711.68*	
22 13 19 26-0028	EA	35 GPM, 70 LB Capacity Semi Automatic Epoxy Coated Steel Grease Interceptor Note: Josam 60107-SA.	6,327.91	278.13
		For Steel Enclosure Cabinet With Non-Skid Cover, Add	*1,883.88*	
22 13 19 26-0029	EA	50 GPM, 100 LB Capacity Semi Automatic Epoxy Coated Steel Grease Interceptor Note: Josam 60108-SA.	7,223.35	317.86
		For Steel Enclosure Cabinet With Non-Skid Cover, Add	*2,009.06*	
22 13 19 26-0030		Low Profile Semi Automatic Cleaning Epoxy Coated Steel Grease Interceptor *(22 13 19 26-0021)* Note: Josam 60115A-SA, Smith 8100GTX, or Zurn Z1171-TD series.		
22 13 19 26-0031	EA	35 GPM, 70 LB Capacity Low Profile Semi Automatic Epoxy Coated Steel Grease Interceptor Note: Josam 60115A-SA.	8,510.29	278.13
22 13 19 26-0032		Automatic Cleaning Stainless Steel Grease Interceptor *(22 13 19 26)*		
22 13 19 26-0033	EA	20 GPM, 69 LB Capacity Automatic Cleaning Stainless Steel Grease Interceptor Note: Includes stainless steel screen basket, plastic grease container with lid and control box with digital timer (Lowe Engineering 20 Greasestopper).	7,237.67	218.53
22 13 19 26-0034	EA	25 GPM, 91 LB Capacity Automatic Cleaning Stainless Steel Grease Interceptor Note: Includes stainless steel screen basket, plastic grease container with lid and control box with digital timer (Lowe Engineering 25 Greasestopper).	8,421.67	238.40
22 13 19 26-0035	EA	35 GPM, 70 LB Capacity, 110 Volt, Automatic Cleaning Stainless Steel Grease Trap/Removal Device (Guardian GGX35)	7,210.09	278.13
22 13 19 26-0036		Precast Concrete Grease Interceptor *(22 13 19 26)* Note: Includes two access manholes, cast iron non-skid surface, lift hole, frame and cover for heavy-traffic.		
22 13 19 26-0037	EA	1,000 Gallon Pre-Cast Grease Interceptor	5,864.94	418.25
22 13 19 26-0038	EA	1,250 Gallon Pre-Cast Grease Interceptor	6,712.27	418.25
22 13 19 26-0039	EA	1,500 Gallon Pre-Cast Grease Interceptor	7,618.19	478.16
22 13 19 26-0040	EA	2,000 Gallon Pre-Cast Grease Interceptor	8,664.98	675.28
22 13 19 26-0041	EA	2,500 Gallon Pre-Cast Grease Interceptor	9,751.30	908.54
22 13 19 26-0042	EA	4,000 Gallon Pre-Cast Grease Interceptor	14,631.43	1,195.34
22 13 19 26-0043	EA	5,000 Gallon Pre-Cast Grease Interceptor	18,770.33	1,960.17
22 13 19 26-0044		Coated Steel Manual Oil Interceptor *(22 13 19 26)* Note: Includes internal air relief, and flow control fitting.		
22 13 19 26-0045	EA	10 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	10,768.11	302.60
22 13 19 26-0046	EA	15 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	14,661.44	359.56
22 13 19 26-0047	EA	20 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	17,734.89	442.40
22 13 19 26-0048	EA	25 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	19,259.79	479.22
22 13 19 26-0049	EA	35 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	23,297.25	522.94
22 13 19 26-0050	EA	50 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	31,077.17	575.29
22 13 19 26-0051	EA	75 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	53,154.92	662.21
22 13 19 26-0052	EA	100 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	57,825.65	814.78
22 13 19 26-0053	EA	150 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	71,372.58	883.12
22 13 19 26-0054	EA	200 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	100,462.50	1,059.52
22 13 19 26-0055	EA	250 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	116,156.03	1,138.99
22 13 19 26-0056	EA	350 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	146,627.02	1,358.32
22 13 19 26-0057	EA	400 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	178,747.35	1,113.04
22 13 19 26-0058	EA	500 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	211,726.55	1,324.41
22 13 19 33		**Backwater Valves** *(22 13 19)*		
22 13 19 33-0001		Cast Iron Body Terminal Backwater Valves *(22 13 19 33)*		
22 13 19 33-0002	EA	2" Cast Iron Body Terminal Backwater Valve	586.63	30.40
22 13 19 33-0003	EA	3" Cast Iron Body Terminal Backwater Valve	598.28	38.25
22 13 19 33-0004	EA	4" Cast Iron Body Terminal Backwater Valve	864.99	50.85
22 13 19 33-0005	EA	6" Cast Iron Body Terminal Backwater Valve	2,365.15	74.10
22 13 19 33-0006	EA	8" Cast Iron Body Terminal Backwater Valve	2,889.53	97.52
22 13 19 33-0007	EA	10" Cast Iron Body Terminal Backwater Valve	8,425.65	120.31
22 13 19 33-0008	EA	12" Cast Iron Body Terminal Backwater Valve	9,536.91	156.04
22 13 19 33-0009		Cast Iron Backwater Sewer Line Valve *(22 13 19 33)* Note: Offset type with bronze swing check assembly, threaded bronze cover, and bell and spigot connections.		
22 13 19 33-0010	EA	2" Backwater Sewer Valve, Cast Iron, Offset Type With Bronze Swing Check Assembly	1,441.78	72.49
22 13 19 33-0011	EA	3" Backwater Sewer Valve, Cast Iron, Offset Type With Bronze Swing Check Assembly	2,210.16	87.94
22 13 19 33-0012	EA	4" Backwater Sewer Valve, Cast Iron, Offset Type With Bronze Swing Check Assembly	2,731.07	113.37
22 13 19 33-0013	EA	6" Backwater Sewer Valve, Cast Iron, Offset Type With Bronze Swing Check Assembly	3,865.82	134.63
22 13 19 33-0014	EA	8" Backwater Sewer Valve, Cast Iron, Offset Type With Bronze Swing Check Assembly	5,372.69	159.53
22 13 19 33-0015		Cast Iron, Straight Through Shear Gate, Swing Check Backwater Valve *(22 13 19 33)* Note: Offset type with bronze, manually operated shear gate, non-rising stem, and bell and spigot connections.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 19 33-0016	EA	3" Cast Iron Body, Straight Through Shear Gate, Swing Check Backwater Valve	3,984.44	114.75
22 13 19 33-0017	EA	4" Cast Iron Body, Straight Through Shear Gate, Swing Check Backwater Valve	4,041.22	152.57
22 13 19 33-0018	EA	5" Cast Iron Body, Straight Through Shear Gate, Swing Check Backwater Valve	5,913.07	199.40
22 13 19 33-0019	EA	6" Cast Iron Body, Straight Through Shear Gate, Swing Check Backwater Valve	5,947.73	222.29

22 13 19 36 Air-Admittance Valves *(22 13 19)*

22 13 19 36-0001 Acrylonitrile Butadiene Styrene (ABS) And Polyvinyl Chloride (PVC) Automatic Drain Vent *(22 13 19 36)*

22 13 19 36-0002	EA	1-1/4", 1-1/2" And 2" Acrylonitrile Butadiene Styrene (ABS) Or Polyvinyl Chloride (PVC) Automatic Drain Vent, Mini Vent	270.66	14.83
22 13 19 36-0003	EA	2", 3" And 4" Acrylonitrile Butadiene Styrene (ABS) Or Polyvinyl Chloride (PVC) Automatic Drain Vent, Maxi Vent	324.52	14.83

22 13 23 Sanitary Waste Interceptors *(22 13)*

22 13 23 00-0001 Sediment Bucket Solids Interceptors *(22 13 23)*

22 13 23 00-0002	EA	1-1/2" Or 2" Top Access, 15 GPM, Composite With Removable PVC Sediment Bucket Solids Interceptor (Zurn 1180) Note: Replaces P-Trap. Recovers all types of solids from precious metal particles, plaster, clay or similar materials.	1,280.95	150.03
22 13 23 00-0003	EA	1-1/2" Or 2" Bottom Access, 15 GPM, Composite With Removable PVC Sediment Bucket Solids Interceptor (Zurn 1184) Note: Replaces P-Trap. Recovers all types of solids from precious metal particles, plaster, clay or similar materials.	1,282.56	150.03
22 13 23 00-0004	EA	1-1/2" Or 2" Top Access, Acid Resistant Coated Steel (Inside And Outside), Aluminum Cover, Removable Stainless Steel Sediment Bucket Solids Interceptor (Jay R. Smith 8714 ARIO) Note: On floor mount. Replaces P-Trap. Recovers all types of solids from precious metal particles, plaster, clay or similar materials.	1,805.72	150.03
22 13 23 00-0005	EA	1-1/2" Or 2" Bottom Access, 15 GPM, Acid Resistant Coated Cast Iron, Aluminum Strainer, Removable Stainless Steel Screens, Sediment Bucket Solids Interceptor (Jay R. Smith 8730-ARIO) Note: Replaces P-Trap. Recovers all types of solids from precious metal particles, plaster, clay or similar materials.	1,805.72	150.03
22 13 23 00-0006	EA	1-1/2" Or 2" Top Access, Acid Resistant Coated Cast Aluminum (Inside And Outside) Removable Stainless Steel Screen, Sediment Bucket Solids Interceptor (Josam 61030) Note: Replaces P-Trap. Recovers all types of solids from precious metal particles, plaster, clay or similar materials.	1,924.15	150.03

22 13 23 00-0007 Solid Interceptors, Cast Iron With Internal Deep Seal Trap *(22 13 23)*

22 13 23 00-0008	EA	1-1/2" Inlet Cast Iron Solid Interceptor, Painted Enamel	325.17	51.31
		For Stainless Steel Bucket, Add	*175.00*	
22 13 23 00-0009	EA	2" Inlet Cast Iron Solid Interceptor, Painted Enamel	331.73	54.66
		For Stainless Steel Bucket, Add	*175.00*	

22 13 23 00-0010 Sediment Strainers *(22 13 23)*

22 13 23 00-0011	EA	2" Strainer, Pump Suction Side	176.12	69.93

22 13 29 Sanitary Sewerage Pumps *(22 13)*

Note: Includes extra set of gaskets, bearings and seals.

22 13 29 13 Wet-Pit-Mounted, Vertical Sewerage Pumps *(22 13 29)*

22 13 29 13-0001 Vertical Column, Flanged Discharge, Non-Clog Sump Or Drainage Pumps (Crane-Deming Series 4500) *(22 13 29 13)*

Note: Mounted on steel support plate. Excludes float and float switch, and sump cover See CSI section 22 13 29 13-0030 for float and float switch, 22 13 29 13-0034 for sump cover.

22 13 29 13-0002 1-1/2" Solids 1,750 RPM Vertical Sump Or Drainage Pumps *(22 13 29 13-0001)*

22 13 29 13-0003	EA	1/2 HP, Up To 75 GPM Sump Or Drainage Pump, Vertical Non-Clog, 2-1/2" Discharge Pipe, 1,750 RPM	7,886.66	1,271.01
22 13 29 13-0004	EA	3/4 HP, Up To 125 GPM Sump Or Drainage Pump, Vertical Non-Clog, 2-1/2" Discharge Pipe, 1,750 RPM	8,215.18	1,271.01
22 13 29 13-0005	EA	1 HP, Up To 150 GPM Sump Or Drainage Pump, Vertical Non-Clog, 2-1/2" Discharge Pipe, 1,750 RPM	8,543.68	1,271.01
22 13 29 13-0006	EA	1-1/2 HP, Up To 150 GPM Sump Or Drainage Pump, Vertical Non-Clog, 2-1/2" Discharge Pipe, 1,750 RPM	8,857.03	1,271.01

22 13 29 13-0007 2" Solids 1,750 RPM Vertical Sump Or Drainage Pumps *(22 13 29 13-0001)*

22 13 29 13-0008	EA	3/4 HP, Up To 75 GPM Sump Or Drainage Pump, Vertical Non-Clog, 3" Discharge Pipe, 1,750 RPM	8,796.38	1,271.01
22 13 29 13-0009	EA	1 HP, Up To 100 GPM Sump Or Drainage Pump, Vertical Non-Clog, 3" Discharge Pipe, 1,750 RPM	8,922.74	1,271.01
22 13 29 13-0010	EA	2 HP, Up To 200 GPM Sump Or Drainage Pump, Vertical Non-Clog, 3" Discharge Pipe, 1,750 RPM	9,011.18	1,271.01
22 13 29 13-0011	EA	3 HP, Up To 300 GPM Sump Or Drainage Pump, Vertical Non-Clog, 3" Discharge Pipe, 1,750 RPM	9,617.66	1,271.01
22 13 29 13-0012	EA	5 HP, Up To 400 GPM Sump Or Drainage Pump, Vertical Non-Clog, 3" Discharge Pipe, 1,750 RPM	10,211.50	1,271.01
22 13 29 13-0013	EA	7-1/2 HP, Up To 500 GPM Sump Or Drainage Pump, Vertical Non-Clog, 3" Discharge Pipe, 1,750 RPM	11,121.22	1,271.01
22 13 29 13-0014	EA	10 HP, Up To 600 GPM Sump Or Drainage Pump, Vertical Non-Clog, 3" Discharge Pipe, 1,750 RPM	12,030.94	1,271.01
22 13 29 13-0015	EA	15 HP, Up To 600 GPM Sump Or Drainage Pump, Vertical Non-Clog, 3" Discharge Pipe, 1,750 RPM	13,781.51	1,691.43

22 13 29 13-0016 3" Solids 1,750 RPM Vertical Sump Or Drainage Pumps *(22 13 29 13-0001)*

22 13 29 13-0017	EA	2 HP, Up To 300 GPM Sump Or Drainage Pump, Vertical Non-Clog, 4" Discharge Pipe, 1,750 RPM	9,429.48	1,271.01
22 13 29 13-0018	EA	3 HP, Up To 400 GPM Sump Or Drainage Pump, Vertical Non-Clog, 4" Discharge Pipe, 1,750 RPM	9,429.48	1,271.01

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 29 13-0019	EA	5 HP, Up To 500 GPM Sump Or Drainage Pump, Vertical Non-Clog, 4" Discharge Pipe, 1,750 RPM	9,648.39	1,271.01
22 13 29 13-0020	EA	7-1/2 HP, Up To 700 GPM Sump Or Drainage Pump, Vertical Non-Clog, 4" Discharge Pipe, 1,750 RPM	11,346.93	1,271.01
22 13 29 13-0021	EA	10 HP, Up To 800 GPM Sump Or Drainage Pump, Vertical Non-Clog, 4" Discharge Pipe, 1,750 RPM	11,644.89	1,271.01
22 13 29 13-0022	EA	15 HP, Up To 900 GPM Sump Or Drainage Pump, Vertical Non-Clog, 4" Discharge Pipe, 1,750 RPM	13,886.33	1,691.43
22 13 29 13-0023	EA	20 HP, Up To 900 GPM Sump Or Drainage Pump, Vertical Non-Clog, 4" Discharge Pipe, 1,750 RPM	14,644.43	1,691.43

22 13 29 13-0024 Extra Column Assemblies Addition, 5' Or Less *(22 13 29 13-0001)*

22 13 29 13-0025	EA	2-1/2" Diameter x 5' Long Extra Column Assembly For vertical sewage pumps	544.22	
22 13 29 13-0026	EA	3" Diameter x 5' Long Extra Column Assembly For vertical sewage pumps	653.44	
22 13 29 13-0027	EA	4" Diameter x 5' Long Extra Column Assembly For vertical sewage pumps	730.37	
22 13 29 13-0028	EA	5" Diameter x 5' Long Extra Column Assembly For vertical sewage pumps	743.67	
22 13 29 13-0029	EA	6" Diameter x 5' Long Extra Column Assembly For vertical sewage pumps	834.84	

22 13 29 13-0030 Float Switches *(22 13 29 13-0001)*

Note: Copper coated floats, brass rods and stops and switch brackets.

22 13 29 13-0031	EA	Float Switch Copper Coated Float, Add, General Purpose For vertical sewage pumps	489.13	
22 13 29 13-0032	EA	Float Switch Copper Coated Float, Add, Weather Proof For vertical sewage pumps	513.82	
22 13 29 13-0033	EA	Float Switch Copper Coated Float, Add, Explosion Proof For vertical sewage pumps	525.22	

22 13 29 13-0034 Square Or Round Steel Sump Covers *(22 13 29 13-0001)*

22 13 29 13-0035	EA	24" Steel Sump Covers, Square Or Round	963.96	42.38
22 13 29 13-0036	EA	30" Steel Sump Covers, Square Or Round	1,066.95	47.68
22 13 29 13-0037	EA	36" Steel Sump Covers, Square Or Round	1,482.06	63.57
22 13 29 13-0038	EA	40" Steel Sump Covers, Square Or Round	2,161.51	74.17
22 13 29 13-0039	EA	42" Steel Sump Covers, Square Or Round	2,318.99	76.82
22 13 29 13-0040	EA	48" Steel Sump Covers, Square Or Round	2,481.07	79.47
22 13 29 13-0041	EA	54" Steel Sump Covers, Square Or Round	3,164.02	95.36
22 13 29 13-0042	EA	60" Steel Sump Covers, Square Or Round	4,300.11	105.95
22 13 29 13-0043	EA	72" Steel Sump Covers, Square Or Round	5,453.30	132.45
22 13 29 13-0044	EA	84" Steel Sump Covers, Square Or Round	6,945.59	145.68

22 13 29 16 Submersible Sewerage Pumps *(22 13 29)*

22 13 29 16-0001 Submersible Sewage Pumps With Vortex Impeller *(22 13 29 16)*

22 13 29 16-0002 Submersible Single Seal Sewage Pumps With Cast Iron Vortex Impeller *(22 13 29 16-0001)*

Note: Includes 25' cord.

22 13 29 16-0003	EA	1/2 HP Manual Submersible Single Seal Sewage Pump, 115 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Impeller	1,534.11	77.09
22 13 29 16-0004	EA	1/2 HP Automatic Submersible Single Seal Sewage Pump, 115 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Impeller	1,636.95	77.09
22 13 29 16-0005	EA	1/2 HP Manual Submersible Single Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Impeller	1,605.31	77.09
22 13 29 16-0006	EA	1/2 HP Automatic Submersible Single Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Impeller	1,756.93	77.09
22 13 29 16-0007	EA	1/2 HP Manual Submersible Single Seal Sewage Pump, 230 Volt, 3 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Impeller	1,756.93	77.09
22 13 29 16-0008	EA	1 HP Manual Submersible Single Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Impeller	1,854.02	96.36
22 13 29 16-0009	EA	1 HP Automatic Submersible Single Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Impeller	1,988.50	96.36
22 13 29 16-0010	EA	1 HP Manual Submersible Single Seal Sewage Pump, 230 Volt, 3 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Impeller	2,005.65	96.36

22 13 29 16-0011 Submersible Single Seal Sewage Pumps With Bronze Vortex Impeller *(22 13 29 16-0001)*

Note: Includes 20' cord.

22 13 29 16-0012	EA	1/2 HP Manual Submersible Single Seal Sewage Pump, 115 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller	1,563.11	77.09
22 13 29 16-0013	EA	1/2 HP Automatic Submersible Single Seal Sewage Pump, 115 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller	1,710.79	77.09
22 13 29 16-0014	EA	1/2 HP Manual Submersible Single Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller	1,640.91	77.09
22 13 29 16-0015	EA	1/2 HP Automatic Submersible Single Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller	1,783.30	77.09
22 13 29 16-0016	EA	1/2 HP Manual Submersible Single Seal Sewage Pump, 230 Volt, 3 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller	1,911.20	77.09
22 13 29 16-0017	EA	1 HP Manual Submersible Single Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller	1,772.27	96.36
22 13 29 16-0018	EA	1 HP Automatic Submersible Single Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller	1,925.22	96.36
22 13 29 16-0019	EA	1 HP Manual Submersible Single Seal Sewage Pump, 230 Volt, 3 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller	1,923.90	96.36
22 13 29 16-0020	EA	1-1/2 HP Manual Submersible Single Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller	2,191.42	155.33
22 13 29 16-0021	EA	1-1/2 HP Automatic Submersible Single Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller	2,320.63	155.33

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 29 16-0022	EA	1-1/2 HP Automatic Submersible Single Seal Sewage Pump, 230 Volt, 3 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller	2,343.05	155.33
22 13 29 16-0023	EA	2 HP Manual Submersible Single Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller	2,336.81	189.85
22 13 29 16-0024	EA	2 HP Automatic Submersible Single Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller	2,484.48	189.85
22 13 29 16-0025	EA	2 HP Manual Submersible Single Seal Sewage Pump, 230 Volt, 3 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller	2,488.43	189.85
22 13 29 16-0026		**Submersible Double Seal Sewage Pumps With Bronze Vortex Impeller** *(22 13 29 16-0001)*		
		Note: Includes 20' cord.		
22 13 29 16-0027	EA	1/2 HP Manual Submersible Double Seal Sewage Pump, 115 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller	1,858.46	77.09
22 13 29 16-0028	EA	1/2 HP Manual Submersible Double Seal Sewage Pump, 230 Volt, 3 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller	2,108.97	77.09
22 13 29 16-0029	EA	1 HP Manual Submersible Double Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron And Bronze Impeller	2,053.11	96.36
22 13 29 16-0030	EA	1 HP Manual Submersible Double Seal Sewage Pump, 230 Volt, 3 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron And Bronze Impeller	2,204.74	96.36
22 13 29 16-0031	EA	1-1/2 HP Manual Submersible Double Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller	2,493.36	155.33
22 13 29 16-0032	EA	1-1/2 HP Manual Submersible Double Seal Sewage Pump, 230 Volt, 3 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller	2,644.98	155.33
22 13 29 16-0033	EA	2 HP Manual Submersible Double Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller	2,640.06	189.85
22 13 29 16-0034	EA	2 HP Manual Submersible Double Seal Sewage Pump, 230 Volt, 3 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller	2,791.69	189.85
22 13 29 16-0035		**Submersible Sewage Pumps With Semi-Open Impeller** *(22 13 29 16)*		
		Note: Includes 25' of cord with pump.		
22 13 29 16-0036	EA	1 HP Manual Submersible Sewage Pump, 230 Volt, 3 Phase, 3" To 4" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller	4,557.41	96.36
22 13 29 16-0037	EA	1.5 HP Manual Submersible Sewage Pump, 230 Volt, 3 Phase, 3" To 4" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller	4,881.96	167.51
22 13 29 16-0038	EA	2 HP Manual Submersible Sewage Pump, 230 Volt, 3 Phase, 3" To 4" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller	5,225.85	204.73
22 13 29 16-0039	EA	3 HP Manual Submersible Sewage Pump, 230 Volt, 3 Phase, 3" To 4" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller	5,463.44	248.16
22 13 29 16-0040	EA	5 HP Manual Submersible Sewage Pump, 230 Volt, 3 Phase, 3" To 4" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller	6,129.89	291.58
22 13 29 16-0041	EA	7.5 HP Manual Submersible Sewage Pump, 230 Volt, 3 Phase, 3" To 4" Flanged Discharge, Epoxy-Coated Cast Ironl Housing And Semi-Open Impeller	6,846.53	335.00
22 13 29 16-0042		**Submersible Sewage Pumps, Explosion Proof** *(22 13 29 16)*		
		Note: Includes 25' of cord with pump.		
22 13 29 16-0043	EA	1 HP Explosion Proof Manual Sewage Pump, 230 Volt, 1 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller	7,175.47	345.74
22 13 29 16-0044	EA	1 HP Explosion Proof Manual Sewage Pump, 230 Volt, 3 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller	6,616.10	345.74
22 13 29 16-0045	EA	1 HP Explosion Proof Manual Sewage Pump, 460 Volt, 3 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller	6,616.10	345.74
22 13 29 16-0046	EA	1.5 HP Explosion Proof Manual Sewage Pump, 230 Volt, 1 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller	7,513.17	460.97
22 13 29 16-0047	EA	1.5 HP Explosion Proof Manual Sewage Pump, 230 Volt, 3 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller	6,953.80	460.97
22 13 29 16-0048	EA	1.5 HP Explosion Proof Manual Sewage Pump, 460 Volt, 3 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller	6,953.80	460.97
22 13 29 16-0049	EA	2 HP Explosion Proof Manual Sewage Pump, 230 Volt, 1 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller	7,966.24	576.22
22 13 29 16-0050	EA	2 HP Explosion Proof Manual Sewage Pump, 230 Volt, 3 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller	7,406.87	576.22
22 13 29 16-0051	EA	2 HP Explosion Proof Manual Sewage Pump, 460 Volt, 3 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller	7,406.87	576.22
22 13 29 16-0052	EA	3 HP Explosion Proof Manual Sewage Pump, 230 Volt, 1 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller	8,310.93	691.46
22 13 29 16-0053	EA	3 HP Explosion Proof Manual Sewage Pump, 230 Volt, 3 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller	7,751.56	691.46
22 13 29 16-0054	EA	3 HP Explosion Proof Manual Sewage Pump, 460 Volt, 3 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller	7,751.56	691.46
22 13 29 16-0055	EA	5 HP Explosion Proof Manual Sewage Pump, 230 Volt, 1 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller	9,176.53	806.71
22 13 29 16-0056	EA	5 HP Explosion Proof Manual Sewage Pump, 230 Volt, 3 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller	8,617.16	806.71
22 13 29 16-0057	EA	5 HP Explosion Proof Manual Sewage Pump, 460 Volt, 3 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller	8,617.16	806.71
22 13 29 16-0058	EA	7.5 HP Explosion Proof Manual Sewage Pump, 230 Volt, 3 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller	9,495.59	921.95
22 13 29 16-0059	EA	7.5 HP Explosion Proof Manual Sewage Pump, 460 Volt, 3 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller	9,495.59	921.95

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 29 16-0060		**Submersible Sewage Pump Accessories** *(22 13 29 16)*		
22 13 29 16-0061	EA	Simplex Plug In Pump Control Panel with Alarm Float Only, 115 Volt, 1 Phase, 0-15 Amperes Range, Indoor/Outdoor, NEMA 4X Enclosure For Submersible Sewage Pump Note: Includes alarm horn, warning light and alarm float switch.	744.51	86.93
22 13 29 16-0062	EA	Simplex Plug In Pump Control Panel with Alarm Float Only, 230 Volt, 1 Phase, 0-15 Amperes Range, Indoor/Outdoor, NEMA 4X Enclosure For Submersible Sewage Pump Note: Includes alarm horn, warning light, and alarm float switch.	769.71	86.93
22 13 29 16-0063	EA	Simplex Control Panel With 3 Floats, 115/208/230 Volt, 1 Phase, 0-20 Amperes Range, Indoor/Outdoor, NEMA 4X Enclosure For Submersible Sewage Pump Note: Includes alarm horn, warning light, HOA switch and three 20' control float switches.	1,531.85	115.91
22 13 29 16-0064	EA	Simplex Control Panel 208/230/460 Volt, 3 Phase, 1-23 Amperes Range, Indoor/Outdoor, NEMA 4X Enclosure For Submersible Sewage Pump Note: Includes alarm horn and warning light. Control float switches not included.	2,176.84	115.91
22 13 29 16-0065	EA	Simplex Intrinsically Safe Control Panel, 230 Volt, 1 Phase, Indoor/Outdoor 4X Enclosure For Submersible Sewage Pumps With Explosion Proof Motors Note: Includes alarm horn and warning light. Control float switches not included.	4,508.26	115.91
22 13 29 16-0066	EA	Simplex Intrinsically Safe Control Panel, 200/230/460 Volt, 3 Phase, Indoor/Outdoor 4X Enclosure For Submersible Sewage Pumps With Explosion Proof Motors Note: Includes alarm horn and warning light. Control float switches not included.	4,717.24	115.91
22 13 29 16-0067	EA	Duplex Intrinsically Safe Control Panel, 230 Volt, 1 Phase, Indoor/Outdoor 4X Enclosure For Submersible Sewage Pumps With Explosion Proof Motors Note: Includes alarm horn and warning light. Control float switches not included.	7,543.52	144.87
22 13 29 16-0068	EA	Duplex Intrinsically Safe Control Panel, 200/230/460 Volt, 3 Phase, Indoor/Outdoor 4X Enclosure For Submersible Sewage Pumps With Explosion Proof Motors Note: Includes alarm horn and warning light. Control float switches not included.	6,354.63	144.87
22 13 29 16-0069	EA	Electrical Alternator Duplex Control Panel with 3 Floats, 115 Volt, 1 Phase, 7-20 Amperes Range, Indoor NEMA 1 Enclosure For Submersible Sewage Pumps Note: Includes alarm horn, warning light, and three 20' float switches.	1,694.37	144.87
22 13 29 16-0070	EA	Electrical Alternator Duplex Control Panel With 3 Floats, 115 Volt, 1 Phase, 7-20 Amperes Range, Indoor NEMA 4X Enclosure For Submersible Sewage Pumps Note: Includes alarm horn, warning light, and three 20' float switches.	1,870.73	144.87
22 13 29 16-0071	EA	Electrical Alternator Duplex Control Panel With 3 Floats, 115/200/230 Volt, 1 Phase, 0-20 Amperes, Indoor NEMA 1 Enclosure For Submersible Sewage Pumps Note: Includes alarm horn, warning light, and three 20' float switches.	1,793.89	144.87
22 13 29 16-0072	EA	Electrical Alternator Duplex Control Panel With 3 Floats, 115/200/230 Volt, 1 Phase, 0-30 Amperes Range, Indoor NEMA 4X Enclosure For Submersible Sewage Pumps Note: Includes alarm horn, warning light, and three 20' float switches.	1,952.83	144.87
22 13 29 16-0073	EA	Electrical Alternator Duplex Control Panel, 200/230/460 Volt, 3 Phase, 1-25 Amperes Range, Indoor/Outdoor NEMA 4X Enclosure For Submersible Sewage Pumps Note: Includes alarm horn and warning light. Float switches not included..	3,372.47	144.87
22 13 29 16-0074	EA	Alarm System, 115 Volt, Indoor/Outdoor 4X Enclosure Note: Includes alarm horn, warning light and 15' tethered float.	621.07	57.95
22 13 29 16-0075	EA	Variable Level (Clamp Type) Float Switch With 15' Cord Note: Not for use with Intrinsically Safe Control Systems.	113.38	28.98
22 13 29 16-0076	EA	Variable Level (Clamp Type) Float Switch With 15' Cord For Intrinsically Safe Control Systems Only	128.24	28.98
22 13 29 16-0077	EA	Variable Level (Adjustable Weight Type) Float Switch With 25' Cord Note: Not for use with Intrinsically Safe Control Systems.	147.24	28.98
22 13 29 16-0078	EA	Variable Level (Adjustable Weight Type) Float Switch With 25' Cord For Intrinsically Safe Control Systems Only	144.19	28.98
22 13 29 16-0079	EA	Float Switch Tree With (3) 15' Floats Note: Not for use with Intrinsically Safe Control Systems.	455.05	28.98
22 13 29 16-0080	EA	Float Switch Tree And (3) Floats With 15' Cords For Intrinsically Safe Control Systems Only	464.53	28.98
22 13 29 16-0081	EA	Float Switch Tree And (4) Floats With 15' Cords Note: Not for use with Intrinsically Safe Control Systems.	507.47	28.98
22 13 29 16-0082	EA	Float Switch Tree And (4) Floats With 15' Cords For Intrinsically Safe Control Systems Only	529.39	28.98
22 13 29 16-0083	EA	Float Switch Tree Note: Tree only.	239.01	28.98
22 13 29 16-0084	EA	Adjustable Weight For Float Switch	62.19	14.48
22 13 29 16-0085	EA	Rail And Disconnect System, Stainless Steel, For 2" Horizontal Discharge Note: Lifting equipment not included.	1,279.63	86.93
22 13 29 16-0086	EA	Rail And Disconnect System, Stainless Steel, For 3" Horizontal Discharge Note: Lifting equipment not included.	2,011.56	115.91
22 13 29 16-0087	EA	Rail And Disconnect System, Stainless Steel, For 4" Horizontal Discharge Note: Lifting equipment not included.	2,629.11	144.87
22 13 29 16-0088	EA	Rail And Disconnect System, Stainless Steel Non-Spearking, For 3" Horizontal Discharge	2,578.56	86.93
22 13 29 16-0089	EA	Rail And Disconnect System, Stainless Steel Non-Spearking, For 4" Horizontal Discharge	3,646.55	86.93
22 13 29 16-0090	EA	Intermediate Guide Rail Bracket, Stainless Steel, For 2" Rail System	359.67	57.95
22 13 29 16-0091	EA	Intermediate Guide Rail Bracket, Stainless Steel, For 3" Rail Systems	641.58	72.44
22 13 29 16-0092	EA	Intermediate Guide Rail Bracket, Stainless Steel, For 4" Rail Systems	639.10	86.93
22 13 29 16-0093	EA	12' Stainless Steel Lifting Cable	177.21	28.98
22 13 29 16-0094	EA	Disconnect Fitting For 2" Horizontal Discharge Note: Used for shallow systems where guide rails are not necessary.	358.08	28.98
22 13 29 33		**Sewerage Pump Basins and Pits** *(22 13 29)*		
22 13 29 33-0001		Sewage Sump Pump Basin *(22 13 29 33)*		
22 13 29 33-0002		High Density Polyethylene (HDPE) Basin *(22 13 29 33-0001)*		
22 13 29 33-0003	EA	18" Diameter x 24" High, High Density Polyethylene (HDPE) Basin And Lid With Inlet And Hub	153.65	
22 13 29 33-0004	EA	18" Diameter x 30" High, High Density Polyethylene (HDPE) Basin And Lid With Inlet And Hub	200.01	
22 13 29 33-0005	EA	24" Diameter x 30" High, High Density Polyethylene (HDPE) Basin And Lid With Inlet And Hub	463.94	
22 13 29 33-0006	EA	24" Diameter x 36" High, High Density Polyethylene (HDPE) Basin And Lid With Inlet And Hub	653.99	
22 13 29 33-0007	EA	30" Diameter x 36" High, High Density Polyethylene (HDPE) Basin And Lid With Inlet And Hub	844.02	
22 13 29 33-0008	EA	36" Diameter x 36" High, High Density Polyethylene (HDPE) Basin And Lid With Inlet And Hub	982.75	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 29 33-0009		Fiberglass Basin *(22 13 29 33-0001)*		
22 13 29 33-0010	EA	18" Diameter x 30" High Fiberglass Basin And Lid With Inlet And Hub	395.04	
22 13 29 33-0011	EA	24" Diameter x 30" High Fiberglass Basin And Lid With Inlet And Hub	810.19	
22 13 29 33-0012	EA	30" Diameter x 36" High Fiberglass Basin And Lid With Inlet And Hub	1,459.98	
22 13 29 33-0013	EA	36" Diameter x 36" High Fiberglass Basin And Lid With Inlet And Hub	1,967.84	
22 13 29 33-0014	EA	36" Diameter x 48" High Fiberglass Basin And Lid With Inlet And Hub	2,268.33	
22 13 29 33-0015	EA	36" Diameter x 60" High Fiberglass Basin And Lid With Inlet And Hub	2,395.62	
22 13 29 33-0016	EA	36" Diameter x 72" High Fiberglass Basin And Lid With Inlet And Hub	2,815.65	
22 13 29 33-0017	EA	48" Diameter x 48" High Fiberglass Basin And Lid With Inlet And Hub	3,270.27	

22 14 Facility Storm Drainage *(22 10)*

22 14 13 Facility Storm Drainage Piping *(22 14)*

See CSI section 22 13 16 00-0000 for storm drainage piping.

22 14 26 Facility Storm Drains *(22 14)*

22 14 26 13 Roof Drains *(22 14 26)*

22 14 26 13-0001 Cast Iron Roof Drains *(22 14 26 13)*

22 14 26 13-0002 Cast Iron Roof Drains With Large Polypropylene Dome *(22 14 26 13-0001)*

Note: Dome free area is 124 square inches.

22 14 26 13-0003	EA	15" Diameter Cast Iron Roof Drain With 2" Outlet, 124 Square Inch Free Area Polypropylene Dome	963.00	176.62
		For Galvanized Iron Parts, Add	*518.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Bronze Dome, Add	*448.80*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	
22 14 26 13-0004	EA	15" Diameter Cast Iron Roof Drain With 3" Outlet, 124 Square Inch Free Area Polypropylene Dome	1,051.30	211.90
		For Galvanized Iron Parts, Add	*518.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Bronze Dome, Add	*448.80*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	
22 14 26 13-0005	EA	15" Diameter Cast Iron Roof Drain With 4" Outlet, 124 Square Inch Free Area Polypropylene Dome	1,139.59	264.88
		For Galvanized Iron Parts, Add	*518.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Bronze Dome, Add	*448.80*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	
22 14 26 13-0006	EA	15" Diameter Cast Iron Roof Drain With 5" Outlet, 124 Square Inch Free Area Polypropylene Dome	1,534.00	317.86
		For Galvanized Iron Parts, Add	*518.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Bronze Dome, Add	*448.80*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	
22 14 26 13-0007	EA	15" Diameter Cast Iron Roof Drain With 6" Outlet, 124 Square Inch Free Area Polypropylene Dome	1,578.14	353.14
		For Galvanized Iron Parts, Add	*518.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Bronze Dome, Add	*448.80*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	
22 14 26 13-0008	EA	15" Diameter Cast Iron Roof Drain With 8" Outlet, 124 Square Inch Free Area Polypropylene Dome	1,873.40	370.83
		For Galvanized Iron Parts, Add	*518.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Bronze Dome, Add	*448.80*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	
22 14 26 13-0009	EA	15" Diameter Cast Iron Roof Drain With 10" Outlet, 124 Square Inch Free Area Polypropylene Dome	2,553.71	384.08
		For Galvanized Iron Parts, Add	*518.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Bronze Dome, Add	*448.80*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	

22 14 26 13-0010 Cast Iron Roof Drains With Expansion Joint *(22 14 26 13-0001)*

Note: With polypropylene dome. Dome free area is 124 square inches.

22 14 26 13-0011	EA	15" Diameter Cast Iron Roof Drain With Expansion Joint, 2" Outlet, Polypropylene Dome	1,506.34	176.62
		For Galvanized Iron Parts, Add	*518.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	
22 14 26 13-0012	EA	15" Diameter Cast Iron Roof Drain With Expansion Joint, 3" Outlet, Polypropylene Dome	1,632.59	211.90
		For Galvanized Iron Parts, Add	*518.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 14 26 13-0013	EA	15" Diameter Cast Iron Roof Drain With Expansion Joint, 4" Outlet, Polypropylene Dome	1,794.79	264.88
		For Galvanized Iron Parts, Add	*518.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	
22 14 26 13-0014	EA	15" Diameter Cast Iron Roof Drain With Expansion Joint, 5" Outlet, Polypropylene Dome	2,486.83	317.86
		For Galvanized Iron Parts, Add	*518.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	
22 14 26 13-0015	EA	15" Diameter Cast Iron Roof Drain With Expansion Joint, 6" Outlet, Polypropylene Dome	2,668.80	353.14
		For Galvanized Iron Parts, Add	*518.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	
22 14 26 13-0016		**Cast Iron Roof Drains With Flat Bronze Promenade Top** *(22 14 26 13-0001)*		
22 14 26 13-0017	EA	14" x 14" Cast Iron Roof Drain With 2" Outlet, Bronze Promenade Top	2,094.66	176.62
		For Galvanized Iron Parts, Add	*197.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*132.00*	
22 14 26 13-0018	EA	14" x 14" Cast Iron Roof Drain With 3" Outlet, Bronze Promenade Top	2,182.96	211.90
		For Galvanized Iron Parts, Add	*197.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*132.00*	
22 14 26 13-0019	EA	14" x 14" Cast Iron Roof Drain With 4" Outlet, Bronze Promenade Top	2,271.25	264.88
		For Galvanized Iron Parts, Add	*197.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*132.00*	
22 14 26 13-0020	EA	14" x 14" Cast Iron Roof Drain With 5" Outlet, Bronze Promenade Top	2,648.89	317.86
		For Galvanized Iron Parts, Add	*197.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*132.00*	
22 14 26 13-0021	EA	14" x 14" Cast Iron Roof Drain With 6" Outlet, Bronze Promenade Top	2,693.03	353.14
		For Galvanized Iron Parts, Add	*197.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*132.00*	
22 14 26 13-0022		**Cast Iron Scupper Drain With L-Shaped Bronze Grate** *(22 14 26 13-0001)*		
22 14 26 13-0023	EA	Cast Iron Scupper Drain With 2" Outlet, L-Shaped Bronze Grate	1,360.94	70.67
22 14 26 13-0024	EA	Cast Iron Scupper Drain With 3" Outlet, L-Shaped Bronze Grate	1,396.26	88.26
22 14 26 13-0025	EA	Cast Iron Scupper Drain With 4" Outlet, L-Shaped Bronze Grate	1,412.31	96.31
22 14 26 13-0026	EA	Cast Iron Scupper Drain With 5" Outlet, L-Shaped Bronze Grate	1,988.41	127.67
22 14 26 13-0027	EA	Cast Iron Scupper Drain With 6" Outlet, L-Shaped Bronze Grate	2,044.73	155.86
22 14 26 13-0028		**Cast Iron Roof Drain With Flat Cast Iron Grate** *(22 14 26 13-0001)* Note: Grate free area is 27 square inches.		
22 14 26 13-0029	EA	9" x 9" Cast Iron Roof Drain With 2" Outlet, Cast Iron Promenade Top	1,059.40	176.62
		For Galvanized Iron Parts, Add	*144.00*	
		For Deck Clamp Assembly, Add	*80.40*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*93.60*	
22 14 26 13-0030	EA	9" x 9" Cast Iron Roof Drain With 3" Outlet, Cast Iron Promenade Top	1,147.70	211.90
		For Galvanized Iron Parts, Add	*144.00*	
		For Deck Clamp Assembly, Add	*80.40*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*93.60*	
22 14 26 13-0031	EA	9" x 9" Cast Iron Roof Drain With 4" Outlet, Cast Iron Promenade Top	1,235.99	264.88
		For Galvanized Iron Parts, Add	*144.00*	
		For Deck Clamp Assembly, Add	*80.40*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*93.60*	
22 14 26 13-0032		**Cast Iron Roof Drains With Large Cast Iron Dome** *(22 14 26 13-0001)*		
22 14 26 13-0033	EA	15" Diameter Cast Iron Roof Drain With 2" Outlet, Cast Iron Dome	1,143.23	176.62
		For Galvanized Iron Parts, Add	*518.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	
22 14 26 13-0034	EA	15" Diameter Cast Iron Roof Drain With 3" Outlet, Cast Iron Dome	1,231.53	211.90
		For Galvanized Iron Parts, Add	*518.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	
22 14 26 13-0035	EA	15" Diameter Cast Iron Roof Drain With 4" Outlet, Cast Iron Dome	1,319.82	264.88
		For Galvanized Iron Parts, Add	*518.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 14 26 13-0036	EA	15" Diameter Cast Iron Roof Drain With 5" Outlet, Cast Iron Dome	1,714.23	317.86
		For Galvanized Iron Parts, Add	*518.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	
22 14 26 13-0037	EA	15" Diameter Cast Iron Roof Drain With 6" Outlet, Cast Iron Dome	1,758.37	353.14
		For Galvanized Iron Parts, Add	*518.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	
22 14 26 13-0038	EA	15" Diameter Cast Iron Roof Drain With 8" Outlet, Cast Iron Dome	2,053.63	370.83
		For Galvanized Iron Parts, Add	*518.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	
22 14 26 13-0039	EA	15" Diameter Cast Iron Roof Drain With 10" Outlet, Cast Iron Dome	2,733.94	384.08
		For Galvanized Iron Parts, Add	*518.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	
22 14 26 13-0040		Aluminum Roof Drains *(22 14 26 13)*		
22 14 26 13-0041		Aluminum Dome Roof Drains *(22 14 26 13-0040)*		
22 14 26 13-0042	EA	15" Diameter Roof Drain With 2" Outlet, Aluminum Dome	1,174.66	176.62
		For Galvanized Iron Parts, Add	*518.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	
22 14 26 13-0043	EA	15" Diameter Roof Drain With 3" Outlet, Aluminum Dome	1,262.96	211.90
		For Galvanized Iron Parts, Add	*518.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	
22 14 26 13-0044	EA	15" Diameter Roof Drain With 4" Outlet, Aluminum Dome	1,351.25	264.88
		For Galvanized Iron Parts, Add	*518.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	
22 14 26 13-0045	EA	15" Diameter Roof Drain With 6" Outlet, Aluminum Dome	1,789.80	352.82
		For Galvanized Iron Parts, Add	*518.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	
22 14 26 13-0046	EA	15" Diameter Roof Drain With 8" Outlet, Aluminum Dome	2,085.28	370.83
		For Galvanized Iron Parts, Add	*518.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	
22 14 26 13-0047	EA	15" Diameter Roof Drain With 10" Outlet, Aluminum Dome	2,765.37	384.08
		For Galvanized Iron Parts, Add	*518.00*	
		For Deck Clamp Assembly, Add	*130.00*	
		For Drain Receiver, Add	*147.00*	
		For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	*357.00*	
22 14 26 13-0048		Retrofit Roof Drains *(22 14 26 13)*		
22 14 26 13-0049		Retrofit Copolymer Roof Drains With Copolymer Strainer Dome *(22 14 26 13-0048)*		
22 14 26 13-0050	EA	Copolymer Retrofit 3" Roof Drains, With Copolymer Dome	832.69	211.90
22 14 26 13-0051	EA	Copolymer Retrofit 4" Roof Drains, With Copolymer Dome	936.03	264.88
22 14 26 13-0052	EA	Copolymer Retrofit 5" Roof Drains, With Copolymer Dome	1,128.67	317.86
22 14 26 13-0053	EA	Copolymer Retrofit 6" Roof Drains, With Copolymer Dome	1,232.99	352.82
22 14 26 13-0054		Retrofit Copolymer Roof Drains With Cast Aluminum Strainer Dome *(22 14 26 13-0048)*		
22 14 26 13-0055	EA	Copolymer Retrofit Drain, 3", With Cast Aluminum Dome	968.11	211.90
22 14 26 13-0056	EA	Copolymer Retrofit Drain, 4", With Cast Aluminum Dome	1,065.43	264.88
22 14 26 13-0057	EA	Copolymer Retrofit Drain, 5", With Cast Aluminum Dome	1,267.10	317.86
22 14 26 13-0058	EA	Copolymer Retrofit Drain, 6", With Cast Aluminum Dome	1,329.30	352.82
22 14 26 13-0059		Retrofit Roof Aluminum Drains With Cast Aluminum Strainer Dome *(22 14 26 13-0048)*		
22 14 26 13-0060	EA	Aluminum Retrofit 3" Roof Drains, With Cast Aluminum Dome	838.71	211.90
		For Copolymer Strainer Dome, Deduct	*-24.00*	
22 14 26 13-0061	EA	Aluminum Retrofit 4" Roof Drains, With Cast Aluminum Dome	942.05	264.88
		For Copolymer Strainer Dome, Deduct	*-24.00*	
22 14 26 13-0062	EA	Aluminum Retrofit 5" Roof Drains, With Cast Aluminum Dome	1,134.69	317.86
		For Copolymer Strainer Dome, Deduct	*-24.00*	
22 14 26 13-0063	EA	Aluminum Retrofit 6" Roof Drains, With Cast Aluminum Dome	1,190.86	352.82
		For Copolymer Strainer Dome, Deduct	*-24.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 14 26 13-0064		**Bronze Downspout Nozzles** *(22 14 26 13)*		
22 14 26 13-0065	EA	2" Outlet, Bronze Roof Drain Downspout Nozzle	506.28	105.95
22 14 26 13-0066	EA	3" Outlet, Bronze Roof Drain Downspout Nozzle	506.28	105.95
22 14 26 13-0067	EA	4" Outlet, Bronze Roof Drain Downspout Nozzle	506.28	105.95
22 14 26 13-0068	EA	5" Outlet, Bronze Roof Drain Downspout Nozzle	794.90	132.45
22 14 26 13-0069	EA	6" Outlet, Bronze Roof Drain Downspout Nozzle	794.90	132.45
22 14 26 13-0070	EA	8" Outlet, Bronze Roof Drain Downspout Nozzle	1,041.66	132.45
22 14 26 16		**Facility Area Drains** *(22 14 26)*		
22 14 26 16-0001		Area Drain *(22 14 26 16)*		
22 14 26 16-0002	EA	12" x 12" Floor Drain With 2" Bottom Outlet, Nikaloy Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	3,064.43	127.57
		For Ductile Iron Grate, Add	*123.50*	
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*70.50*	
22 14 26 16-0003	EA	12" x 12" Floor Drain With 3" Bottom Outlet, Nikaloy Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	3,091.93	141.34
		For Ductile Iron Grate, Add	*123.50*	
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*70.50*	
22 14 26 16-0004	EA	12" x 12" Floor Drain With 4" Bottom Outlet, Nikaloy Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	3,120.87	155.86
		For Ductile Iron Grate, Add	*123.50*	
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*70.50*	
22 14 26 16-0005	EA	12" x 12" Floor Drain With 6" Bottom Outlet, Nikaloy Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	3,151.03	170.90
		For Ductile Iron Grate, Add	*123.50*	
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*70.50*	
22 14 26 16-0006	EA	12" x 12" Floor Drain With 2" Bottom Outlet, Cast Iron Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	1,872.55	127.57
		For Ductile Iron Grate, Add	*123.50*	
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*70.50*	
22 14 26 16-0007	EA	12" x 12" Floor Drain With 3" Bottom Outlet, Cast Iron Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	1,900.05	141.34
		For Ductile Iron Grate, Add	*123.50*	
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*70.50*	
22 14 26 16-0008	EA	12" x 12" Floor Drain With 4" Bottom Outlet, Cast Iron Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	1,928.99	155.86
		For Ductile Iron Grate, Add	*123.50*	
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*70.50*	
22 14 26 16-0009	EA	12" x 12" Floor Drain With 6" Bottom Outlet, Cast Iron Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	1,959.15	170.90
		For Ductile Iron Grate, Add	*123.50*	
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*70.50*	
22 14 26 16-0010	EA	12" x 12" Floor Drain With 2" Bottom Outlet, Bronze Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	2,858.30	127.57
		For Ductile Iron Grate, Add	*123.50*	
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*70.50*	
22 14 26 16-0011	EA	12" x 12" Floor Drain With 3" Bottom Outlet, Bronze Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	2,885.80	141.34
		For Ductile Iron Grate, Add	*123.50*	
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*70.50*	
22 14 26 16-0012	EA	12" x 12" Floor Drain With 4" Bottom Outlet, Bronze Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	2,914.74	155.86
		For Ductile Iron Grate, Add	*123.50*	
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*70.50*	
22 14 26 16-0013	EA	12" x 12" Floor Drain With 6" Bottom Outlet, Bronze Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	2,944.90	170.90
		For Ductile Iron Grate, Add	*123.50*	
		For Vandal Proof Screws, Add	*29.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*70.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 14 26 16-0014	EA	16" x 16" Floor Drain With 2" Bottom Outlet, Nikaloy Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	6,214.59	127.57
		For Ductile Iron Grate, Add	*123.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*197.50*	
22 14 26 16-0015	EA	16" x 16" Floor Drain With 3" Bottom Outlet, Nikaloy Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	6,242.09	141.34
		For Ductile Iron Grate, Add	*123.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*197.50*	
22 14 26 16-0016	EA	16" x 16" Floor Drain With 4" Bottom Outlet, Nikaloy Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	6,271.03	155.86
		For Ductile Iron Grate, Add	*123.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*197.50*	
22 14 26 16-0017	EA	16" x 16" Floor Drain With 6" Bottom Outlet, Nikaloy Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	6,301.19	170.90
		For Ductile Iron Grate, Add	*123.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*197.50*	
22 14 26 16-0018	EA	16" x 16" Floor Drain With 2" Bottom Outlet, Cast Iron Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	3,016.86	127.57
		For Ductile Iron Grate, Add	*123.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*197.50*	
22 14 26 16-0019	EA	16" x 16" Floor Drain With 3" Bottom Outlet, Cast Iron Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	3,044.36	141.34
		For Ductile Iron Grate, Add	*123.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*197.50*	
22 14 26 16-0020	EA	16" x 16" Floor Drain With 4" Bottom Outlet, Cast Iron Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	3,073.30	155.86
		For Ductile Iron Grate, Add	*123.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*197.50*	
22 14 26 16-0021	EA	16" x 16" Floor Drain With 6" Bottom Outlet, Cast Iron Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	3,103.46	170.90
		For Ductile Iron Grate, Add	*123.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*197.50*	
22 14 26 16-0022	EA	16" x 16" Floor Drain With 2" Bottom Outlet, Bronze Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	5,889.53	127.57
		For Ductile Iron Grate, Add	*123.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*197.50*	
22 14 26 16-0023	EA	16" x 16" Floor Drain With 3" Bottom Outlet, Bronze Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	5,917.03	141.34
		For Ductile Iron Grate, Add	*123.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*197.50*	
22 14 26 16-0024	EA	16" x 16" Floor Drain With 4" Bottom Outlet, Bronze Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	5,945.97	155.86
		For Ductile Iron Grate, Add	*123.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*197.50*	
22 14 26 16-0025	EA	16" x 16" Floor Drain With 6" Bottom Outlet, Bronze Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	5,976.13	170.90
		For Ductile Iron Grate, Add	*123.50*	
		For Primer Tap, Add	*36.00*	
		For Galvanized Cast Iron Parts, Add	*197.50*	
22 14 26 16-0026	EA	9" Diameter Floor Drain With 2" Bottom Outlet, Nikaloy Top, Medium Duty Anti-Tilting Grate And Perimeter Drainage Slots	1,346.65	127.57
		For Vandal Proof Grate, Add	*30.50*	
22 14 26 16-0027	EA	9" Diameter Floor Drain With 3" Bottom Outlet, Nikaloy Top, Medium Duty Anti-Tilting Grate And Perimeter Drainage Slots	1,374.15	141.34
		For Vandal Proof Grate, Add	*30.50*	
22 14 26 16-0028	EA	9" Diameter Floor Drain With 4" Bottom Outlet, Nikaloy Top, Medium Duty Anti-Tilting Grate And Perimeter Drainage Slots	1,403.09	155.86
		For Vandal Proof Grate, Add	*30.50*	
22 14 26 16-0029	EA	9" Diameter Floor Drain With 2" Bottom Outlet, Cast Iron Top, Medium Duty Anti-Tilting Grate And Perimeter Drainage Slots	802.24	127.57
		For Vandal Proof Grate, Add	*30.50*	
22 14 26 16-0030	EA	9" Diameter Floor Drain With 3" Bottom Outlet, Cast Iron Top, Medium Duty Anti-Tilting Grate And Perimeter Drainage Slots	829.74	141.34
		For Vandal Proof Grate, Add	*30.50*	
22 14 26 16-0031	EA	9" Diameter Floor Drain With 4" Bottom Outlet, Cast Iron Top, Medium Duty Anti-Tilting Grate And Perimeter Drainage Slots	858.68	155.86
		For Vandal Proof Grate, Add	*30.50*	
22 14 26 16-0032	EA	9" Diameter Floor Drain With 2" Bottom Outlet, Bronze Top, Medium Duty Anti-Tilting Grate And Perimeter Drainage Slots	1,267.36	127.57
		For Vandal Proof Grate, Add	*30.50*	
22 14 26 16-0033	EA	9" Diameter Floor Drain With 3" Bottom Outlet, Bronze Top, Medium Duty Anti-Tilting Grate And Perimeter Drainage Slots	1,294.86	141.34
		For Vandal Proof Grate, Add	*30.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 14 26 16-0034	EA	9" Diameter Floor Drain With 4" Bottom Outlet, Bronze Top, Medium Duty Anti-Tilting Grate And Perimeter Drainage Slots	1,323.80	155.86
		For Vandal Proof Grate, Add	*30.50*	
22 14 26 16-0035	EA	12-7/8" x 10-7/8" Floor Drain With 2" Side Outlet, Nikaloy Top, Heavy Duty Hinged Grate And Removable Medium-Deep Sediment Strainer	4,129.46	127.57
		For Vandal Proof Screws, Add	*30.50*	
		For Ductile Iron Grate, Add	*126.00*	
		For Galvanized Cast Iron Parts, Add	*307.50*	
22 14 26 16-0036	EA	12-7/8" x 10-7/8" Floor Drain With 3" Side Outlet, Nikaloy Top, Heavy Duty Hinged Grate And Removable Medium-Deep Sediment Strainer	4,156.96	141.34
		For Vandal Proof Screws, Add	*30.50*	
		For Ductile Iron Grate, Add	*126.00*	
		For Galvanized Cast Iron Parts, Add	*307.50*	
22 14 26 16-0037	EA	12-7/8" x 10-7/8" Floor Drain With 4" Side Outlet, Nikaloy Top, Heavy Duty Hinged Grate And Removable Medium-Deep Sediment Strainer	4,185.90	155.86
		For Vandal Proof Screws, Add	*30.50*	
		For Ductile Iron Grate, Add	*126.00*	
		For Galvanized Cast Iron Parts, Add	*307.50*	
22 14 26 16-0038	EA	12-7/8" x 10-7/8" Floor Drain With 2" Side Outlet, Cast Iron Top, Heavy Duty Hinged Grate And Removable Medium-Deep Sediment Strainer	2,673.31	127.57
		For Vandal Proof Screws, Add	*30.50*	
		For Ductile Iron Grate, Add	*126.00*	
		For Galvanized Cast Iron Parts, Add	*307.50*	
22 14 26 16-0039	EA	12-7/8" x 10-7/8" Floor Drain With 3" Side Outlet, Cast Iron Top, Heavy Duty Hinged Grate And Removable Medium-Deep Sediment Strainer	2,700.81	141.34
		For Vandal Proof Screws, Add	*30.50*	
		For Ductile Iron Grate, Add	*126.00*	
		For Galvanized Cast Iron Parts, Add	*307.50*	
22 14 26 16-0040	EA	12-7/8" x 10-7/8" Floor Drain With 4" Side Outlet, Cast Iron Top, Heavy Duty Hinged Grate And Removable Medium-Deep Sediment Strainer	2,729.75	155.86
		For Vandal Proof Screws, Add	*30.50*	
		For Ductile Iron Grate, Add	*126.00*	
		For Galvanized Cast Iron Parts, Add	*307.50*	
22 14 26 16-0041	EA	12-7/8" x 10-7/8" Floor Drain With 2" Side Outlet, Bronze Top, Heavy Duty Hinged Grate And Removable Medium-Deep Sediment Strainer	3,875.76	127.57
		For Vandal Proof Screws, Add	*30.50*	
		For Ductile Iron Grate, Add	*126.00*	
		For Galvanized Cast Iron Parts, Add	*307.50*	
22 14 26 16-0042	EA	12-7/8" x 10-7/8" Floor Drain With 3" Side Outlet, Bronze Top, Heavy Duty Hinged Grate And Removable Medium-Deep Sediment Strainer	3,903.26	141.34
		For Vandal Proof Screws, Add	*30.50*	
		For Ductile Iron Grate, Add	*126.00*	
		For Galvanized Cast Iron Parts, Add	*307.50*	
22 14 26 16-0043	EA	12-7/8" x 10-7/8" Floor Drain With 4" Side Outlet, Bronze Top, Heavy Duty Hinged Grate And Removable Medium-Deep Sediment Strainer	3,932.20	155.86
		For Vandal Proof Screws, Add	*30.50*	
		For Ductile Iron Grate, Add	*126.00*	
		For Galvanized Cast Iron Parts, Add	*307.50*	

22 14 26 19 Facility Trench Drains *(22 14 26)*

22 14 26 19-0001 Trench Drain *(22 14 26 19)*

Note: Each section is 39.4" in length.

22 14 26 19-0002	EA	6" Wide Trench Drain x 9" Outlet Section With 2" Bottom Outlet, Nikaloy Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	1,104.43	127.57
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*66.00*	
		For Galvanized Cast Iron Parts, Add	*98.25*	
22 14 26 19-0003	EA	6" Wide Trench Drain x 9" Outlet Section With 3" Bottom Outlet, Nikaloy Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	1,131.93	141.34
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*66.00*	
		For Galvanized Cast Iron Parts, Add	*98.25*	
22 14 26 19-0004	EA	6" Wide Trench Drain x 9" Outlet Section With 4" Bottom Outlet, Nikaloy Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	1,160.87	155.86
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*66.00*	
		For Galvanized Cast Iron Parts, Add	*98.25*	
22 14 26 19-0005	EA	6" Wide Trench Drain x 9" Outlet Section With 2" Bottom Outlet, Cast Iron Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	665.83	127.57
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*66.00*	
		For Galvanized Cast Iron Parts, Add	*98.25*	
22 14 26 19-0006	EA	6" Wide Trench Drain x 9" Outlet Section With 3" Bottom Outlet, Cast Iron Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	693.33	141.34
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*66.00*	
		For Galvanized Cast Iron Parts, Add	*98.25*	
22 14 26 19-0007	EA	6" Wide Trench Drain x 9" Outlet Section With 4" Bottom Outlet, Cast Iron Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	722.27	155.86
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*66.00*	
		For Galvanized Cast Iron Parts, Add	*98.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 14 26 19-0008	EA	6" Wide Trench Drain x 9" Outlet Section With 2" Bottom Outlet, Bronze Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	1,044.67	127.57
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*66.00*	
		For Galvanized Cast Iron Parts, Add	*98.25*	
22 14 26 19-0009	EA	6" Wide Trench Drain x 9" Outlet Section With 3" Bottom Outlet, Bronze Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	1,072.17	141.34
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*66.00*	
		For Galvanized Cast Iron Parts, Add	*98.25*	
22 14 26 19-0010	EA	6" Wide Trench Drain x 9" Outlet Section With 4" Bottom Outlet, Bronze Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	1,101.11	155.86
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*66.00*	
		For Galvanized Cast Iron Parts, Add	*98.25*	
22 14 26 19-0011	EA	6" Wide Trench Drain x 15" Extension Section, Nikaloy Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	976.30	63.57
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*66.00*	
		For Galvanized Cast Iron Parts, Add	*98.25*	
22 14 26 19-0012	EA	6" Wide Trench Drain x 15" Extension Section, Cast Iron Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	537.70	63.57
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*66.00*	
		For Galvanized Cast Iron Parts, Add	*98.25*	
22 14 26 19-0013	EA	6" Wide Trench Drain x 15" Extension Section, Bronze Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	916.54	63.57
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*66.00*	
		For Galvanized Cast Iron Parts, Add	*98.25*	
22 14 26 19-0014	EA	12" Wide Trench Drain x 15" Outlet Section With 3" Bottom Outlet, Nikaloy Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	1,760.88	127.57
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*181.50*	
		For Convex Grate On Cast Iron Or Ductile Price, Add	*38.50*	
		For Sediment Bucket, Add	*116.00*	
		For Galvanized Sediment Bucket, Add	*188.50*	
		For Galvanized Cast Iron Parts, Add	*131.50*	
22 14 26 19-0015	EA	12" Wide Trench Drain x 15" Outlet Section With 4" Bottom Outlet, Nikaloy Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	1,788.38	141.34
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*181.50*	
		For Convex Grate On Cast Iron Or Ductile Price, Add	*38.50*	
		For Sediment Bucket, Add	*116.00*	
		For Galvanized Sediment Bucket, Add	*188.50*	
		For Galvanized Cast Iron Parts, Add	*131.50*	
22 14 26 19-0016	EA	12" Wide Trench Drain x 15" Outlet Section With 6" Bottom Outlet, Nikaloy Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	1,817.32	155.86
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*181.50*	
		For Convex Grate On Cast Iron Or Ductile Price, Add	*38.50*	
		For Sediment Bucket, Add	*116.00*	
		For Galvanized Sediment Bucket, Add	*188.50*	
		For Galvanized Cast Iron Parts, Add	*131.50*	
22 14 26 19-0017	EA	12" Wide Trench Drain x 15" Outlet Section With 3" Bottom Outlet, Cast Iron Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	1,218.18	127.57
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*181.50*	
		For Convex Grate On Cast Iron Or Ductile Price, Add	*38.50*	
		For Sediment Bucket, Add	*116.00*	
		For Galvanized Sediment Bucket, Add	*188.50*	
		For Galvanized Cast Iron Parts, Add	*131.50*	
22 14 26 19-0018	EA	12" Wide Trench Drain x 15" Outlet Section With 4" Bottom Outlet, Cast Iron Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	1,245.68	141.34
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*181.50*	
		For Convex Grate On Cast Iron Or Ductile Price, Add	*38.50*	
		For Sediment Bucket, Add	*116.00*	
		For Galvanized Sediment Bucket, Add	*188.50*	
		For Galvanized Cast Iron Parts, Add	*131.50*	
22 14 26 19-0019	EA	12" Wide Trench Drain x 15" Outlet Section With 6" Bottom Outlet, Cast Iron Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	1,274.62	155.86
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*181.50*	
		For Convex Grate On Cast Iron Or Ductile Price, Add	*38.50*	
		For Sediment Bucket, Add	*116.00*	
		For Galvanized Sediment Bucket, Add	*188.50*	
		For Galvanized Cast Iron Parts, Add	*131.50*	
22 14 26 19-0020	EA	12" Wide Trench Drain x 15" Outlet Section With 3" Bottom Outlet, Bronze Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	1,686.66	127.57
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*181.50*	
		For Convex Grate On Cast Iron Or Ductile Price, Add	*38.50*	
		For Sediment Bucket, Add	*116.00*	
		For Galvanized Sediment Bucket, Add	*188.50*	
		For Galvanized Cast Iron Parts, Add	*131.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 14 26 19-0021	EA	12" Wide Trench Drain x 15" Outlet Section With 4" Bottom Outlet, Bronze Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	1,714.16	141.34
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*181.50*	
		For Convex Grate On Cast Iron Or Ductile Price, Add	*38.50*	
		For Sediment Bucket, Add	*116.00*	
		For Galvanized Sediment Bucket, Add	*188.50*	
		For Galvanized Cast Iron Parts, Add	*131.50*	
22 14 26 19-0022	EA	12" Wide Trench Drain x 15" Outlet Section With 6" Bottom Outlet, Bronze Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	1,743.10	155.86
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*181.50*	
		For Convex Grate On Cast Iron Or Ductile Price, Add	*38.50*	
		For Sediment Bucket, Add	*116.00*	
		For Galvanized Sediment Bucket, Add	*188.50*	
		For Galvanized Cast Iron Parts, Add	*131.50*	
22 14 26 19-0023	EA	12" Wide Trench Drain x 15" Outlet Section With 3" Bottom Outlet, Galvanized Top And Body, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	1,471.69	127.57
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*181.50*	
		For Convex Grate On Cast Iron Or Ductile Price, Add	*38.50*	
		For Sediment Bucket, Add	*116.00*	
		For Galvanized Sediment Bucket, Add	*188.50*	
		For Galvanized Cast Iron Parts, Add	*131.50*	
22 14 26 19-0024	EA	12" Wide Trench Drain x 15" Outlet Section With 4" Bottom Outlet, Galvanized Top And Body, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	1,499.19	141.34
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*181.50*	
		For Convex Grate On Cast Iron Or Ductile Price, Add	*38.50*	
		For Sediment Bucket, Add	*116.00*	
		For Galvanized Sediment Bucket, Add	*188.50*	
		For Galvanized Cast Iron Parts, Add	*131.50*	
22 14 26 19-0025	EA	12" Wide Trench Drain x 15" Outlet Section With 6" Bottom Outlet, Galvanized Top And Body, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	1,528.13	155.86
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*181.50*	
		For Convex Grate On Cast Iron Or Ductile Price, Add	*38.50*	
		For Sediment Bucket, Add	*116.00*	
		For Galvanized Sediment Bucket, Add	*188.50*	
		For Galvanized Cast Iron Parts, Add	*131.50*	
22 14 26 19-0026	EA	12" Wide Trench Drain x 15" Extension Section, Nikaloy Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	1,632.74	63.57
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*181.50*	
		For Convex Grate On Cast Iron Or Ductile Price, Add	*38.50*	
22 14 26 19-0027	EA	12" Wide Trench Drain x 15" Extension Section, Cast Iron Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	1,090.04	63.57
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*181.50*	
		For Convex Grate On Cast Iron Or Ductile Price, Add	*38.50*	
22 14 26 19-0028	EA	12" Wide Trench Drain x 15" Extension Section, Bronze Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	1,558.52	63.57
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*181.50*	
		For Convex Grate On Cast Iron Or Ductile Price, Add	*38.50*	
22 14 26 19-0029	EA	12" Wide Trench Drain x 15" Extension Section, Galvanized Top And Body, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	1,343.55	63.57
		For Vandal Proof Screws, Add	*48.50*	
		For Ductile Iron Grate, Add	*181.50*	
		For Convex Grate On Cast Iron Or Ductile Price, Add	*38.50*	

22 14 29 Sump Pumps *(22 14)*

See CSI section 22 11 16 00-0000 for pipe extensions into well.

22 14 29 13 Wet-Pit-Mounted, Vertical Sump Pumps *(22 14 29)*

22 14 29 13-0001 Vertical Mounted Sump Pumps *(22 14 29 13)*

Note: Supplied with 1750 RPM premium efficient motor with drip cover, float switch assembly, steel support mounting plate and 5' column sections.

22 14 29 13-0002	EA	1 HP Vertical Mounted Cast Iron Sump Pump, 1-1/2" Discharge, Single Stage, 25 GPM 40' Head	6,530.48	307.80
		For Explosion Proof Motor, Add	*295.95*	
22 14 29 13-0003	EA	1-1/2 HP Vertical Mounted Cast Iron Sump Pump, 2" Discharge, Single Stage, 75 GPM 40' Head	6,886.22	372.55
		For Explosion Proof Motor, Add	*329.01*	
22 14 29 13-0004	EA	2 HP Vertical Mounted Cast Iron Sump Pump, 2-1/2" Discharge, Single Stage, 100 GPM 40' Head	7,859.96	442.60
		For Explosion Proof Motor, Add	*425.03*	
22 14 29 13-0005	EA	3 HP Vertical Mounted Cast Iron Sump Pump, 3" Discharge, Single Stage, 150 GPM 40' Head	8,356.94	544.49
		For Explosion Proof Motor, Add	*481.71*	
22 14 29 13-0006	EA	5 HP Vertical Mounted Cast Iron Sump Pump, 3" Discharge, Single Stage, 200 GPM 40' Head	8,818.46	590.13
		For Explosion Proof Motor, Add	*703.67*	
22 14 29 13-0007	EA	10 HP Vertical Mounted Cast Iron Sump Pump, 4" Discharge, Single Stage, 300 GPM 70' Head	10,453.98	707.95
		For Explosion Proof Motor, Add	*798.12*	
22 14 29 13-0008	EA	15 HP Vertical Mounted Cast Iron Sump Pump, 5" Discharge, Single Stage, 500 GPM 70' Head	12,268.29	733.14
		For Explosion Proof Motor, Add	*1,308.16*	
22 14 29 13-0009	EA	20 HP Vertical Mounted Cast Iron Sump Pump, 6" Discharge, Single Stage, 800 GPM 70' Head	14,935.55	938.17
		For Explosion Proof Motor, Add	*1,736.34*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	22 14 29 13-0010	EA	30 HP Vertical Mounted Cast Iron Sump Pump, 6" Discharge, Single Stage, 1,000 GPM 70' Head	16,103.92	1,094.13
			For Explosion Proof Motor, Add	*2,251.11*	
	22 14 29 13-0011	EA	50 HP Vertical Mounted Cast Iron Sump Pump, 8" Discharge, Single Stage, 1,600 GPM 70' Head	21,666.08	1,313.44
			For Explosion Proof Motor, Add	*2,932.73*	
	22 14 29 13-0012	EA	60 HP Vertical Mounted Cast Iron Sump Pump, 8" Discharge, Single Stage, 2,000 GPM 70' Head	30,126.50	1,458.85
			For Explosion Proof Motor, Add	*4,648.61*	

22 14 29 13-0013 Extra Column Assemblies *(22 14 29 13)*

	22 14 29 13-0014	EA	1-1/2" Diameter x 5' Long Extra Column Assembly	1,044.88	
	22 14 29 13-0015	EA	2" Diameter x 5' Long Extra Column Assembly	1,143.34	
	22 14 29 13-0016	EA	2-1/2" Diameter x 5' Long Extra Column Assembly	1,251.08	
	22 14 29 13-0017	EA	3" Diameter x 5' Long Extra Column Assembly	1,502.17	
	22 14 29 13-0018	EA	4" Diameter x 5' Long Extra Column Assembly	1,679.03	
	22 14 29 13-0019	EA	5" Diameter x 5' Long Extra Column Assembly	1,709.60	
	22 14 29 13-0020	EA	6" Diameter x 5' Long Extra Column Assembly	1,919.20	
	22 14 29 13-0021	EA	8" Diameter x 5' Long Extra Column Assembly	2,100.06	

22 14 29 13-0022 Support Plate *(22 14 29 13)*

	22 14 29 13-0023	EA	24" Steel Support Plate, Round Or Square	963.96	42.38
	22 14 29 13-0024	EA	30" Steel Support Plate, Round Or Square	1,066.95	47.68
	22 14 29 13-0025	EA	36" Steel Support Plate, Round Or Square	1,482.06	63.57
	22 14 29 13-0026	EA	40" Steel Support Plate, Round Or Square	2,161.51	74.17
	22 14 29 13-0027	EA	42" Steel Support Plate, Round Or Square	2,318.99	76.82
	22 14 29 13-0028	EA	48" Steel Support Plate, Round Or Square	2,480.97	79.47
	22 14 29 13-0029	EA	54" Steel Support Plate, Round Or Square	3,164.02	95.36
	22 14 29 13-0030	EA	60" Steel Support Plate, Round Or Square	4,300.11	105.95
	22 14 29 13-0031	EA	72" Steel Support Plate, Round Or Square	5,745.61	132.45
	22 14 29 13-0032	EA	84" Steel Support Plate, Round Or Square	6,945.59	145.68

22 14 29 16 Submersible Sump Pumps *(22 14 29)*

22 14 29 16-0001 Submersible Sump Pump With Vortex Impeller *(22 14 29 16)*

22 14 29 16-0002 Submersible Sump Pump With Cast Iron Vortex Impeller *(22 14 29 16-0001)*

	22 14 29 16-0003	EA	1/3 HP Manual Submersible Sump Pump, 115 Volt Or 230 Volt, 1 Phase, 1-1/2" Threaded Discharge, Epoxy-Coated Cast Steel Housing And Impeller	515.88	69.04
	22 14 29 16-0004	EA	1/3 HP Automatic Submersible Sump Pump, 115 Volt Or 230 Volt, 1 Phase, 1-1/2" Threaded Discharge, Epoxy-Coated Cast Steel Housing And Impeller	573.93	69.04
	22 14 29 16-0005	EA	1/2 HP Manual Submersible Sump Pump, 115 Volt Or 230 Volt, 1 Phase, 1-1/2" Threaded Discharge, Epoxy-Coated Cast Steel Housing And Impeller	913.34	73.06
	22 14 29 16-0006	EA	1/2 HP Automatic Submersible Sump Pump, 115 Volt Or 230 Volt, 1 Phase, 1-1/2" Threaded Discharge, Epoxy-Coated Cast Steel Housing And Impeller	1,005.20	73.06

22 14 29 16-0007 Submersible Sump Pump With Bronze Vortex Impeller *(22 14 29 16-0001)*

Note: Includes 20' of cord with pump.

	22 14 29 16-0008	EA	1/2 HP Manual Submersible Sump Pump, 115 Volt Or 230 Volt, 1 Phase, 1-1/2" Threaded or 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller	1,553.84	73.06
	22 14 29 16-0009	EA	1/2 HP Automatic Submersible Sump Pump, 115 Volt Or 230 Volt, 1 Phase, 1-1/2" Threaded or 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller	1,692.27	73.06
	22 14 29 16-0010	EA	1 HP Manual Submersible Sump Pump, 230 Volt, 1 Phase, 1-1/2" Threaded or 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller	1,776.53	80.54
	22 14 29 16-0011	EA	1 HP Automatic Submersible Sump Pump, 230 Volt, 1 Phase, 1-1/2" Threaded or 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller	1,924.53	80.54
	22 14 29 16-0012	EA	1-1/2 HP Manual Submersible Sump Pump, 230 Volt, 1 Phase, 1-1/2" Threaded or 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller	1,978.19	92.04
	22 14 29 16-0013	EA	1-1/2 HP Automatic Submersible Sump Pump, 230 Volt, 1 Phase, 1-1/2" Threaded or 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller	2,123.64	92.04
	22 14 29 16-0014	EA	2 HP Manual Submersible Sump Pump, 230 Volt, 1 Phase, 1-1/2" Threaded or 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller	2,122.45	109.30
	22 14 29 16-0015	EA	2 HP Automatic Submersible Sump Pump, 230 Volt, 1 Phase, 1-1/2" Threaded or 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller	2,248.77	109.30

22 14 29 16-0016 Submersible Sump Pump With Semi-Open Impeller *(22 14 29 16)*

Note: Includes 20' of cord with pump.

	22 14 29 16-0017	EA	1/3 HP Manual Submersible Sump Pump, 115 Volt, 1 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller	1,236.89	69.04
	22 14 29 16-0018	EA	1/3 HP Manual Submersible Sump Pump, 230 Volt, 1 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller	1,277.59	69.04
	22 14 29 16-0019	EA	1/2 HP Manual Submersible Sump Pump, 115 Volt, 1 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller	1,598.25	73.06
	22 14 29 16-0020	EA	1/2 HP Manual Submersible Sump Pump, 230 Volt, 1 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller	1,626.85	73.06
	22 14 29 16-0021	EA	3/4 HP Manual Submersible Sump Pump, 230 Volt, 1 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller	1,954.11	77.09
	22 14 29 16-0022	EA	3/4 HP Manual Submersible Sump Pump, 230 Volt, 3 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller	1,954.11	77.09
	22 14 29 16-0023	EA	1 HP Manual Submersible Sump Pump, 230 Volt, 1 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller	2,066.84	80.54

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 14 29 16-0024	EA	1 HP Manual Submersible Sump Pump, 230 Volt, 3 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller	2,066.84	80.54
22 14 29 16-0025	EA	1-1/2 HP Manual Submersible Sump Pump, 230 Volt, 1 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller	2,358.80	92.04
22 14 29 16-0026	EA	1-1/2 HP Manual Submersible Sump Pump, 230 Volt, 3 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller	2,358.80	92.04
22 14 29 16-0027	EA	2 HP Manual Submersible Sump Pump, 230 Volt, 1 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller	2,743.68	109.30
22 14 29 16-0028	EA	2 HP Manual Submersible Sump Pump, 230 Volt, 3 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller	2,694.17	109.30

22 14 29 19 Sump-Pump Basins and Pits *(22 14 29)*

See CSI section 22 13 29 33-0000 for basins and pits.

22 15 General Service Compressed-Air Systems *(22 10)*

22 15 13 General Service Compressed-Air Piping *(22 15)*

See CSI section 22 11 16 00-0013 for threaded galvanized steel pipe, 23 21 13 23-0001 for threaded black steel pipe.

22 15 13 00-0001 Quick Disconnect, Air-Service *(22 15 13)*

22 15 13 00-0002 Combination Steel And Brass *(22 15 13 00-0001)*

22 15 13 00-0003	EA	1/2" Combination Steel And Brass Disconnect Valve, Single Seated With Arm Ball And Bracket	55.45	16.11
22 15 13 00-0004	EA	3/4" Combination Steel And Brass Disconnect Valve, Single Seated With Arm Ball And Bracket	61.86	19.56

22 15 13 00-0005 Refrigerated Air Dryers With Ambient Air Filters *(22 15 13)*

Note: 120 Voltage, 1 Phase

22 15 13 00-0006	EA	3 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	824.44	91.89
22 15 13 00-0007	EA	5 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	945.65	94.46
22 15 13 00-0008	EA	7.5 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	1,117.87	97.01
22 15 13 00-0009	EA	10 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	1,260.15	102.11
22 15 13 00-0010	EA	15 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	1,646.40	114.87
22 15 13 00-0011	EA	20 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	1,861.43	130.70
22 15 13 00-0012	EA	25 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	2,087.70	148.06
22 15 13 00-0013	EA	30 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	2,456.04	165.92
22 15 13 00-0014	EA	40 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	2,846.57	194.01
22 15 13 00-0015	EA	50 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	3,210.84	207.28
22 15 13 00-0016	EA	60 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	3,776.90	229.74
22 15 13 00-0017	EA	75 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	4,347.13	255.27
		For 230 Voltage, Add	*1,150.97*	
22 15 13 00-0018	EA	85 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	4,697.36	280.81
		For 230 Voltage, Add	*1,240.73*	
22 15 13 00-0019	EA	100 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	5,056.49	311.43
		For 230 Voltage, Add	*1,330.49*	
22 15 13 00-0020	EA	125 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	5,468.24	331.86
		For 230 Voltage, Add	*1,441.36*	
22 15 13 00-0021	EA	175 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	5,784.14	344.62
		For 230 Voltage, Add	*1,528.47*	
22 15 13 00-0022	EA	200 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	10,086.23	357.39
		For 230 Voltage, Add	*2,811.44*	
22 15 13 00-0023	EA	250 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	10,842.12	370.15
		For 230 Voltage, Add	*3,030.55*	
22 15 13 00-0024	EA	300 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	11,576.89	382.91
		For 230 Voltage, Add	*3,243.32*	
22 15 13 00-0025	EA	400 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	13,766.22	408.44
		For 230 Voltage, Add	*3,884.80*	
22 15 13 00-0026	EA	500 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	15,601.86	510.55
		For 230 Voltage, Add	*4,374.23*	
22 15 13 00-0027	EA	600 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	22,220.92	612.65
		For 230 Voltage, Add	*6,298.68*	
22 15 13 00-0028	EA	800 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	30,203.89	714.76
		For 230 Voltage, Add	*8,632.31*	
22 15 13 00-0029	EA	1,000 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters	33,813.52	816.88
		For 230 Voltage, Add	*9,653.93*	

22 15 13 00-0030 Oil And Water Separator For Air Compressor *(22 15 13)*

22 15 13 00-0031	EA	0-60 SCFM Oil/Water Separator	749.58	36.88
22 15 13 00-0032	EA	85 SCFM Oil/Water Separator	1,005.10	43.21
22 15 13 00-0033	EA	190 SCFM Oil/Water Separator	1,175.01	48.98
22 15 13 00-0034	EA	245 SCFM Oil/Water Separator	1,475.64	57.62
22 15 13 00-0035	EA	320 SCFM Oil/Water Separator	1,753.89	69.14
22 15 13 00-0036	EA	700 SCFM Oil/Water Separator	3,535.13	144.06

22 15 13 00-0037 Heavy Duty Industrial Pressure Regulator *(22 15 13)*

22 15 13 00-0038	EA	3/8" Pressure Regulator, Max 300 PSI Input, 2-125 PSI Output	126.39	30.63
22 15 13 00-0039	EA	1/2" Pressure Regulator, Max 300 PSI Input, 2-125 PSI Output	176.72	40.84
22 15 13 00-0040	EA	3/4" Pressure Regulator, Max 300 PSI Input, 2-125 PSI Output	304.15	51.05
22 15 13 00-0041	EA	1" Pressure Regulator, Max 300 PSI Input, 2-125 PSI Output	379.84	76.58
22 15 13 00-0042	EA	1-1/4" Pressure Regulator, Max 300 PSI Input, 2-125 PSI Output	533.03	89.34

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 15 13 00-0043	EA	1-1/2" Pressure Regulator, Max 300 PSI Input, 2-125 PSI Output	558.55	102.11
22 15 13 00-0044		**Heatless Desiccant Air Dryers** *(22 15 13)*		
22 15 13 00-0045	EA	5 SCFM Heatless Desiccant Air Dryer	2,898.80	91.89
22 15 13 00-0046	EA	10 SCFM Heatless Desiccant Air Dryer	3,486.42	102.11
22 15 13 00-0047	EA	15 SCFM Heatless Desiccant Air Dryer	3,519.17	112.32
22 15 13 00-0048	EA	20 SCFM Heatless Desiccant Air Dryer	4,019.76	127.63
22 15 13 00-0049	EA	30 SCFM Heatless Desiccant Air Dryer	5,540.27	153.16
22 15 13 00-0050	EA	50 SCFM Heatless Desiccant Air Dryer	5,464.63	204.21
22 15 13 00-0051	EA	85 SCFM Heatless Desiccant Air Dryer	7,342.48	255.27
22 15 13 00-0052	EA	100 SCFM Heatless Desiccant Air Dryer	7,787.41	306.33
22 15 13 00-0053	EA	125 SCFM Heatless Desiccant Air Dryer	8,914.49	357.39
22 15 13 00-0054	EA	175 SCFM Heatless Desiccant Air Dryer	10,236.74	408.44
22 15 13 00-0055	EA	200 SCFM Heatless Desiccant Air Dryer	10,997.94	459.49
22 15 13 00-0056	EA	300 SCFM Heatless Desiccant Air Dryer	13,454.78	510.55
22 15 13 00-0057	EA	400 SCFM Heatless Desiccant Air Dryer	14,940.21	612.65
22 15 13 00-0058	EA	500 SCFM Heatless Desiccant Air Dryer	17,266.87	714.76
22 15 13 00-0059	EA	600 SCFM Heatless Desiccant Air Dryer	19,924.39	816.88
22 15 13 00-0060		**Air Cooled Aftercoolers** *(22 15 13)*		
22 15 13 00-0061	EA	20 SCFM Air-Cooled Aftercooler	726.03	63.82
22 15 13 00-0062	EA	35 SCFM Air-Cooled Aftercooler	982.07	76.58
22 15 13 00-0063	EA	43 SCFM Air-Cooled Aftercooler	1,078.00	89.34
22 15 13 00-0064	EA	70 SCFM Air-Cooled Aftercooler	1,318.23	102.11
22 15 13 00-0065	EA	125 SCFM Air-Cooled Aftercooler	1,840.04	114.87
22 15 13 00-0066	EA	185 SCFM Air-Cooled Aftercooler	2,066.21	127.63
22 15 13 00-0067	EA	260 SCFM Air-Cooled Aftercooler	4,013.38	153.16
22 15 13 00-0068	EA	365 SCFM Air-Cooled Aftercooler	4,193.27	178.69
22 15 13 00-0069	EA	560 SCFM Air-Cooled Aftercooler	4,371.73	204.21
22 15 13 00-0070	EA	650 SCFM Air-Cooled Aftercooler	5,128.15	229.74
22 15 13 00-0071	EA	750 SCFM Air-Cooled Aftercooler	5,605.81	255.27
22 15 13 00-0072	EA	900 SCFM Air-Cooled Aftercooler	6,429.81	280.81
22 15 13 00-0073	EA	1,100 SCFM Air-Cooled Aftercooler	8,261.88	306.33
22 15 13 00-0074	EA	1,460 SCFM Air-Cooled Aftercooler	9,452.65	331.86
22 15 13 00-0075	EA	1,800 SCFM Air-Cooled Aftercooler	9,758.89	357.39
22 15 13 00-0076	EA	2,500 SCFM Air-Cooled Aftercooler	10,464.63	382.91
22 15 13 00-0077		**Compressed Air Coalescing Filters** *(22 15 13)*		
22 15 13 00-0078		**1.0 Micron Filter Rated Compressed Air Coalescing Filters** *(22 15 13 00-0077)*		
22 15 13 00-0079	EA	10 SCFM, 3/8", Coalescing Filter, 1.0 Micron Filter Rating	250.90	37.45
22 15 13 00-0080	EA	20 SCFM, 3/8", Coalescing Filter, 1.0 Micron Filter Rating	300.18	37.45
22 15 13 00-0081	EA	50 SCFM, 1/2", Coalescing Filter, 1.0 Micron Filter Rating	327.54	43.21
22 15 13 00-0082	EA	75 SCFM, 3/4", Coalescing Filter, 1.0 Micron Filter Rating	377.17	49.55
22 15 13 00-0083	EA	100 SCFM, 3/4", Coalescing Filter, 1.0 Micron Filter Rating	440.34	54.74
22 15 13 00-0084	EA	140 SCFM, 1", Coalescing Filter, 1.0 Micron Filter Rating	498.58	66.26
22 15 13 00-0085	EA	175 SCFM, 1-1/4" Coalescing Filter, 1.0 Micron Filter Rating	525.50	72.02
22 15 13 00-0086	EA	250 SCFM, 1-1/2" Coalescing Filter, 1.0 Micron Filter Rating	651.56	86.43
22 15 13 00-0087	EA	280 SCFM, 2" Coalescing Filter, 1.0 Micron Filter Rating	835.90	115.24
22 15 13 00-0088	EA	350 SCFM, 2" Coalescing Filter, 1.0 Micron Filter Rating	956.22	129.65
22 15 13 00-0089		**0.01 Micron Filter Rated Compressed Air Coalescing Filters** *(22 15 13 00-0077)*		
22 15 13 00-0090	EA	16 SCFM, 3/8" Coalescing Filter, 0.01 Micron Filter Rating	307.23	37.45
22 15 13 00-0091	EA	30 SCFM, 1/2" Coalescing Filter, 0.01 Micron Filter Rating	332.81	43.21
22 15 13 00-0092	EA	60 SCFM, 3/4" Coalescing Filter, 0.01 Micron Filter Rating	382.10	49.55
22 15 13 00-0093	EA	100 SCFM, 1" Coalescing Filter, 0.01 Micron Filter Rating	450.20	48.98
22 15 13 00-0094	EA	140 SCFM, 1-1/4" Coalescing Filter, 0.01 Micron Filter Rating	509.84	66.26
22 15 13 00-0095	EA	180 SCFM, 1-1/4" Coalescing Filter, 0.01 Micron Filter Rating	578.76	72.02
22 15 13 00-0096	EA	250 SCFM, 1-1/2" Coalescing Filter, 0.01 Micron Filter Rating	664.23	86.43
22 15 13 00-0097	EA	280 SCFM, 2" Coalescing Filter, 0.01 Micron Filter Rating	857.01	115.24
22 15 13 00-0098	EA	350 SCFM, 2" Coalescing Filter, 0.01 Micron Filter Rating	984.38	129.65
22 15 13 00-0099		**Compressed Air Storage Tanks** *(22 15 13)*		
22 15 13 00-0100		**Horizontal Compressed Air Storage Tanks** *(22 15 13 00-0099)*		
22 15 13 00-0101	EA	12 Gallon Horizontal Compressed Air Storage Tank, ASME	409.76	81.69
22 15 13 00-0102	EA	15 Gallon Horizontal Compressed Air Storage Tank, ASME	735.89	89.34
22 15 13 00-0103	EA	20 Gallon Horizontal Compressed Air Storage Tank, ASME	779.90	93.94
22 15 13 00-0104	EA	30 Gallon Horizontal Compressed Air Storage Tank, ASME	890.61	102.11
22 15 13 00-0105	EA	60 Gallon Horizontal Compressed Air Storage Tank, ASME	1,161.29	137.85
22 15 13 00-0106	EA	80 Gallon Horizontal Compressed Air Storage Tank, ASME	1,405.75	153.16
22 15 13 00-0107	EA	120 Gallon Horizontal Compressed Air Storage Tank, ASME	2,123.37	178.69
22 15 13 00-0108	EA	200 Gallon Horizontal Compressed Air Storage Tank, ASME	3,184.34	204.21
22 15 13 00-0109	EA	240 Gallon Horizontal Compressed Air Storage Tank, ASME	3,553.26	216.98
22 15 13 00-0110	EA	325 Gallon Horizontal Compressed Air Storage Tank, ASME	5,160.86	229.74
22 15 13 00-0111	EA	400 Gallon Horizontal Compressed Air Storage Tank, ASME	6,809.43	268.04

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 15 13 00-0112	EA	660 Gallon Horizontal Compressed Air Storage Tank, ASME	9,814.57	319.10
22 15 13 00-0113		**Vertical Compressed Air Storage Tanks** *(22 15 13 00-0099)*		
22 15 13 00-0114	EA	10 Gallon Vertical Compressed Air Storage Tank, ASME	685.75	81.69
22 15 13 00-0115	EA	15 Gallon Vertical Compressed Air Storage Tank, ASME	718.48	89.34
22 15 13 00-0116	EA	20 Gallon Vertical Compressed Air Storage Tank, ASME	779.90	93.94
22 15 13 00-0117	EA	30 Gallon Vertical Compressed Air Storage Tank, ASME	925.09	102.11
22 15 13 00-0118	EA	60 Gallon Vertical Compressed Air Storage Tank, ASME	1,264.72	137.85
22 15 13 00-0119	EA	80 Gallon Vertical Compressed Air Storage Tank, ASME	1,455.55	153.16
22 15 13 00-0120	EA	120 Gallon Vertical Compressed Air Storage Tank, ASME	2,015.06	178.69
22 15 13 00-0121	EA	200 Gallon Vertical Compressed Air Storage Tank, ASME	2,961.11	204.21
22 15 13 00-0122	EA	240 Gallon Vertical Compressed Air Storage Tank, ASME	3,268.73	216.98
22 15 13 00-0123	EA	325 Gallon Vertical Compressed Air Storage Tank, ASME	4,464.37	229.74
22 15 13 00-0124	EA	400 Gallon Vertical Compressed Air Storage Tank, ASME	5,728.48	268.04
22 15 13 00-0125	EA	500 Gallon Vertical Compressed Air Storage Tank, ASME	7,485.96	293.57
22 15 13 00-0126	EA	660 Gallon Vertical Compressed Air Storage Tank, ASME	12,486.80	331.86

22 15 19 General Service Packaged Air Compressors and Receivers *(22 15)*

Note: Includes V-belt drive, receiver, motor, starter mounted and wired. Excludes piping, pressure reducing valve station, or air dryer.

22 15 19 13 General Service Packaged Reciprocating Air Compressors *(22 15 19)*

22 15 19 13-0001 Single Stage Compressor *(22 15 19 13)*

Note: Includes receiver, reciprocating air cooled, 140 PSIG working pressure, splash lubricated, tank mounted.

22 15 19 13-0002	EA	1/2 HP 1-Stage Air Compressor, 1.5 ACFM Air Cooled With 30 Gallon Receiver, 140 PSIG Working Pressure	3,048.67	362.28
22 15 19 13-0003	EA	3/4 HP 1-Stage Air Compressor, 2.0 ACFM Air Cooled With 30 Gallon Receiver, 140 PSIG Working Pressure	3,181.79	418.14
22 15 19 13-0004	EA	1 HP 1-Stage Air Compressor, 2.5 ACFM Air Cooled With 30 Gallon Receiver, 140 PSIG Working Pressure	3,629.44	493.81
22 15 19 13-0005	EA	2 HP 1-Stage Air Compressor, Air Cooled With 30 Gallon Receiver, 140 PSIG Working Pressure	4,136.47	544.86
22 15 19 13-0006	EA	3 HP 1-Stage Air Compressor, Air Cooled With 30 Gallon Receiver, 140 PSIG Working Pressure	5,067.82	575.49
22 15 19 13-0007	EA	3 HP 1-Stage Air Compressor, Air Cooled With 60 Gallon Receiver, 140 PSIG Working Pressure	5,416.44	595.91
22 15 19 13-0008	EA	5 HP 1-Stage Air Compressor, Air Cooled With 60 Gallon Receiver, 140 PSIG Working Pressure	6,081.35	681.07
22 15 19 13-0009	EA	5 HP 1-Stage Air Compressor, Air Cooled With 80 Gallon Receiver, 140 PSIG Working Pressure	6,523.60	721.92
22 15 19 13-0010	EA	7.5 HP 1-Stage Air Compressor, Air Cooled With 80 Gallon Receiver, 140 PSIG Working Pressure	7,831.46	817.28

22 15 19 13-0011 Two Stage Compressor *(22 15 19 13)*

Note: With receiver, reciprocating air cooled, discharge pressure 80-200 PSIG, receiver capacity as noted, splash lubricated, tank mounted.

22 15 19 13-0012	EA	1-1/2 HP 2-Stage Air Compressor, 60 Gallon Receiver, 5.0 ACFM, 80-200 PSIG Discharge Pressure	5,834.14	636.75
22 15 19 13-0013	EA	2 HP 2-Stage Air Compressor, 60 Gallon Receiver, 7.0 ACFM, 80-200 PSIG Discharge Pressure	6,257.41	749.17
22 15 19 13-0014	EA	3 HP 2-Stage Air Compressor, 60 Gallon Receiver, 12 ACFM, 80-200 PSIG Discharge Pressure	6,537.62	817.28
22 15 19 13-0015	EA	5 HP 2-Stage Air Compressor, 80 Gallon Receiver, 15 ACFM, 80-200 PSIG Discharge Pressure	7,450.96	1,089.71
22 15 19 13-0016	EA	5 HP 2-Stage Air Compressor, 120 Gallon Receiver, 16.5 ACFM, 80-200 PSI Max Discharge Pressure	8,040.31	1,089.71
22 15 19 13-0017	EA	7.5 HP 2-Stage Air Compressor, 80 Gallon Receiver, 19.8 ACFM, 80-200 PSIG Discharge Pressure	8,615.59	1,362.14
22 15 19 13-0018	EA	7.5 HP 2-Stage Air Compressor, 120 Gallon Receiver, 25.6 ACFM, 80-200 PSI Max Discharge Pressure	9,150.12	1,362.14
22 15 19 13-0019	EA	10 HP 2-Stage Air Compressor, 80 Gallon Receiver, 35.0 ACFM, 80-200 PSI Max Discharge Pressure	11,735.75	1,684.80
22 15 19 13-0020	EA	10 HP 2-Stage Air Compressor, 120 Gallon Receiver, 38 ACFM, 80-200 PSIG Discharge Pressure	12,586.33	1,735.85
22 15 19 13-0021	EA	15 HP 2-Stage Air Compressor, 120 Gallon Receiver, 50 ACFM, 80-200 PSIG Discharge Pressure	13,597.91	2,028.70
22 15 19 13-0022	EA	20 HP 2-Stage Air Compressor, 120 Gallon Receiver, 70 ACFM, 80-200 PSIG Discharge Pressure	20,567.27	2,296.44
22 15 19 13-0023	EA	25 HP 2-Stage Air Compressor, 120 Gallon Receiver, 84.4 ACFM, 175 PSI Max Discharge Pressure	22,081.96	2,594.90
22 15 19 13-0024	EA	30 HP 2-Stage Air Compressor, 120 Gallon Receiver, 97.2 ACFM, 175 PSI Max Discharge Pressure	24,615.30	2,867.94
22 15 19 13-0025	EA	30 HP 2-Stage Air Compressor, 250 Gallon Receiver, 101 ACFM, 175 PSI Max Discharge Pressure	26,776.50	3,143.13

22 15 19 19 General Service Packaged Rotary-Screw Air Compressors *(22 15 19)*

22 15 19 19-0001 Rotary Screw Air Compressor, Base Mounted Without Receiver *(22 15 19 19)*

Note: Oil flooded.

22 15 19 19-0002	EA	3 HP, 8.5 SCFM, Rotary Screw Air Compressor With Enclosure, 150 PSIG Max Discharge Pressure, Lubricated	9,984.81	919.64
22 15 19 19-0003	EA	5 HP, 16.6 SCFM, Rotary Screw Air Compressor With Enclosure, 150 PSIG Max Discharge Pressure, Lubricated	11,117.38	1,226.19
22 15 19 19-0004	EA	7.5 HP, 27 SCFM, Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated	14,259.24	1,537.35
22 15 19 19-0005	EA	10 HP, 37 SCFM, Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated	16,466.60	1,959.15
22 15 19 19-0006	EA	15 HP, 56 SCFM, Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated	18,838.15	2,304.87
22 15 19 19-0007	EA	20 HP, 79 SCFM, Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated	22,881.88	2,592.98
22 15 19 19-0008	EA	25 HP, 114 SCFM, Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated	25,069.81	2,881.10
22 15 19 19-0009	EA	30 HP, 137 SCFM, Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated	30,188.11	3,226.82
22 15 19 19-0010	EA	40 HP, 183 SCFM, Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated	33,195.51	3,457.31
22 15 19 19-0011	EA	50 HP, 214 SCFM, Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated	37,283.12	3,725.83
22 15 19 19-0012	EA	60 HP, 256 SCFM Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated	48,588.30	4,033.54
22 15 19 19-0013	EA	75 HP, 320 SCFM Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated	53,939.42	4,264.02
22 15 19 19-0014	EA	100 HP, 494 SCFM Rotary Screw Air Compressor With Enclosure, 100 PSIG Max Discharge Pressure, Lubricated	86,870.05	4,609.75
22 15 19 19-0015	EA	125 HP, 592 SCFM Rotary Screw Air Compressor With Enclosure, 100 PSIG Max Discharge Pressure, Lubricated	108,482.05	4,984.29
22 15 19 19-0016	EA	150 HP, 695 SCFM Rotary Screw Air Compressor With Enclosure, 100 PSIG Max Discharge Pressure, Lubricated	126,073.05	5,364.59
22 15 19 19-0017	EA	220 HP, 996 SCFM Rotary Screw Air Compressor With Enclosure, 100 PSIG Max Discharge Pressure, Lubricated	164,207.31	5,762.19
22 15 19 19-0018	EA	250 HP, 1,000 SCFM Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated	186,619.00	6,130.97

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 15 19 19-0019		Rotary Screw Air Compressor, Base Mounted With Receiver *(22 15 19 19)* Note: Includes receiver, motor, starter mounted and wired. Excludes piping, pressure reducing valve station, or air dryer.		
22 15 19 19-0020	EA	5 HP, 18.5 SCFM, 80 Gallon Receiver, Rotary Screw Air Compressor, 150 PSIG Max Discharge Pressure, Lubricated	12,452.34	1,226.19
22 15 19 19-0021	EA	5 HP, 18.5 SCFM, 120 Gallon Receiver, Rotary Screw Air Compressor, 150 PSIG Max Discharge Pressure, Lubricated	13,241.81	1,226.19
22 15 19 19-0022	EA	7.5 HP, 28 SCFM, 80 Gallon Receiver, Rotary Screw Air Compressor, 125 PSIG Max Discharge Pressure, Lubricated	14,886.98	1,537.35
22 15 19 19-0023	EA	7.5 HP, 28 SCFM, 120 Gallon Receiver, Rotary Screw Air Compressor, 125 PSIG Max Discharge Pressure, Lubricated	15,750.46	1,537.35
22 15 19 19-0024	EA	10 HP, 38 SCFM, 80 Gallon Receiver, Rotary Screw Air Compressor, 125 PSIG Max Discharge Pressure, Lubricated	16,811.99	1,959.15
22 15 19 19-0025	EA	10 HP, 38 SCFM, 120 Gallon Receiver, Rotary Screw Air Compressor, 125 PSIG Max Discharge Pressure, Lubricated	17,724.81	1,959.15
22 15 19 19-0026	EA	15 HP, 55 SCFM, 80 Gallon Receiver, Rotary Screw Air Compressor, 125 PSIG Max Discharge Pressure, Lubricated	19,123.24	2,304.87
22 15 19 19-0027	EA	15 HP, 55 SCFM, 120 Gallon Receiver, Rotary Screw Air Compressor, 125 PSIG Max Discharge Pressure, Lubricated	20,110.07	2,304.87
22 15 19 19-0028	EA	20 HP, 75 SCFM, 120 Gallon Receiver, Rotary Screw Air Compressor, 125 PSIG Max Discharge Pressure, Lubricated	33,276.51	2,592.98
22 15 19 19-0029	EA	25 HP, 102 SCFM, 120 gallon receiver, Rotary Screw Air Compressor, 125 PSIG Max Discharge Pressure, Lubricated	35,834.50	2,881.10
22 15 19 19-0030	EA	30 HP, 125 SCFM, 120 Gallon Receiver, Rotary Screw Air Compressor, 125 PSIG Max Discharge Pressure, Lubricated	38,145.81	3,226.82

22 30 Plumbing Equipment *(22)*

22 31 Domestic Water Softeners *(22 30)*

22 31 16 Commercial Domestic Water Softeners *(22 31)*

CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 31 16 00-0001		Commercial Water Softeners (Watts Pure Water) *(22 31 16)*		
22 31 16 00-0002		Commercial Water Softeners (Watts Pure Water) *(22 31 16 00-0001)*		
22 31 16 00-0003		1" Pipe Connection, Commercial Water Softeners (Watts Pure Water) *(22 31 16 00-0002)* Note: Includes corrosion resistant NSF Certified fiberglass mineral and brine tanks and fully automatic metered demand control valve.		
22 31 16 00-0004	EA	30,000 Grain Capacity, 1" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10111A11)	5,122.22	291.37
22 31 16 00-0005	EA	45,000 Grain Capacity, 1" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10111B11)	5,354.05	304.61
22 31 16 00-0006	EA	60,000 Grain Capacity, 1" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10111C11)	5,784.58	317.86
22 31 16 00-0007	EA	90,000 Grain Capacity, 1" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10111D11)	6,676.58	331.10
22 31 16 00-0008	EA	120,000 Grain Capacity, 1" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10111E11)	7,120.36	344.35
22 31 16 00-0009		1-1/2" Pipe Connection, Commercial Water Softeners (Watts Pure Water) *(22 31 16 00-0002)* Note: Includes corrosion resistant NSF Certified fiberglass mineral and brine tanks and fully automatic metered demand control valve.		
22 31 16 00-0010	EA	60,000 Grain Capacity, 1-1/2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS15121C11)	7,734.17	317.86
22 31 16 00-0011	EA	90,000 Grain Capacity, 1-1/2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS15121D11)	8,136.02	331.10
22 31 16 00-0012	EA	120,000 Grain Capacity, 1-1/2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS15121E11)	8,582.00	344.35
22 31 16 00-0013	EA	150,000 Grain Capacity, 1-1/2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS15121F11)	10,224.69	357.59
22 31 16 00-0014	EA	210,000 Grain Capacity, 1-1/2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS15121G11)	11,379.43	370.83
22 31 16 00-0015	EA	300,000 Grain Capacity, 1-1/2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS15121H11)	13,889.83	384.08
22 31 16 00-0016		2" Pipe Connection, Commercial Water Softeners (Watts Pure Water) *(22 31 16 00-0002)* Note: Includes corrosion resistant NSF Certified fiberglass mineral and brine tanks and fully automatic metered demand control valve.		
22 31 16 00-0017	EA	90,000 Grain Capacity, 2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131D11)	11,823.25	331.10
22 31 16 00-0018	EA	120,000 Grain Capacity, 2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131E11)	12,253.77	344.35
22 31 16 00-0019	EA	150,000 Grain Capacity, 2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131F11)	13,900.88	357.59
22 31 16 00-0020	EA	210,000 Grain Capacity, 2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131G11)	15,055.62	370.83

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 31 16 00-0021	EA	300,000 Grain Capacity, 2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131H11)	17,702.91	384.08
22 31 16 00-0022	EA	450,000 Grain Capacity, 2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131I11)	23,405.95	397.33
22 31 16 00-0023	EA	600,000 Grain Capacity, 2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131J11)	27,408.91	410.56
22 31 16 00-0024		3" Pipe Connection, Commercial Water Softeners (Watts Pure Water) *(22 31 16 00-0002)*		
		Note: Includes corrosion resistant NSF Certified fiberglass mineral and brine tanks and fully automatic metered demand control valve.		
22 31 16 00-0025	EA	300,000 Grain Capacity, 3" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS30151H11)	28,795.50	384.08
22 31 16 00-0026	EA	450,000 Grain Capacity, 3" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS30151I11)	33,290.81	397.33
22 31 16 00-0027	EA	600,000 Grain Capacity, 3" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS30151J11)	37,240.78	410.56
22 31 16 00-0028	EA	900,000 Grain Capacity, 3" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS30151K11)	46,935.74	423.81
22 31 16 00-0029	EA	1050,000 Grain Capacity, 3" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS30151L11)	51,987.46	437.06
22 31 16 00-0030		Duplex Alternating (Two Valves), Commercial Water Softeners (Watts Pure Water) *(22 31 16 00-0001)*		
22 31 16 00-0031		2" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softeners (Watts Pure Water) *(22 31 16 00-0030)*		
		Note: Includes corrosion resistant NSF Certified fiberglass mineral and brine tanks and two fully automatic metered demand control valves.		
22 31 16 00-0032	EA	90,000 Grain Capacity, 2" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131D21)	19,429.44	496.66
22 31 16 00-0033	EA	120,000 Grain Capacity, 2" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131E21)	20,292.73	516.52
22 31 16 00-0034	EA	150,000 Grain Capacity, 2" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131F21)	23,134.31	536.39
22 31 16 00-0035	EA	210,000 Grain Capacity, 2" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131G21)	25,309.11	556.25
22 31 16 00-0036	EA	300,000 Grain Capacity, 2" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131H21)	30,948.12	576.11
22 31 16 00-0037	EA	450,000 Grain Capacity, 2" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131I21)	41,086.88	595.99
22 31 16 00-0038	EA	600,000 Grain Capacity, 2" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131J21)	48,403.91	615.85
22 31 16 00-0039		3" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softeners (Watts Pure Water) *(22 31 16 00-0030)*		
		Note: Includes corrosion resistant NSF Certified fiberglass mineral and brine tanks and two fully automatic metered demand control valves.		
22 31 16 00-0040	EA	300,000 Grain Capacity, 3" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS30151H21)	52,947.84	576.11
22 31 16 00-0041	EA	450,000 Grain Capacity, 3" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS30151I21)	60,861.01	595.99
22 31 16 00-0042	EA	600,000 Grain Capacity, 3" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS30151J21)	68,423.12	615.85
22 31 16 00-0043	EA	900,000 Grain Capacity, 3" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS30151K21)	87,139.66	635.71
22 31 16 00-0044	EA	1,050,000 Grain Capacity, 3" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS30151L21)	97,320.36	655.58
22 31 16 00-0045		Twin Alternating, Commercial Water Softeners (Watts Pure Water) *(22 31 16 00-0001)*		
22 31 16 00-0046		1" Pipe Connection, Twin Alternating, Commercial Water Softeners (Watts Pure Water) *(22 31 16 00-0045)*		
		Note: Includes corrosion resistant NSF Certified fiberglass mineral and brine tanks and fully automatic metered demand control valve.		
22 31 16 00-0047	EA	30,000 Grain Capacity, 1" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161A21)	6,707.43	437.06
22 31 16 00-0048	EA	45,000 Grain Capacity, 1" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161B21)	7,157.84	456.93
22 31 16 00-0049	EA	60,000 Grain Capacity, 1" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161C21)	7,817.99	476.79
22 31 16 00-0050	EA	90,000 Grain Capacity, 1" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161D21)	9,420.94	496.66
22 31 16 00-0051	EA	120,000 Grain Capacity, 1" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161E21)	10,436.57	516.52

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 31 16 00-0052		1-1/2" Pipe Connection, Twin Alternating, Commercial Water Softeners (Watts Pure Water) *(22 31 16 00-0045)*		
		Note: Includes corrosion resistant NSF Certified fiberglass mineral and brine tanks and fully automatic metered demand control valve.		
22 31 16 00-0053	EA	60,000 Grain Capacity, 1-1/2" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161A21)	13,322.34	476.79
22 31 16 00-0054	EA	90,000 Grain Capacity, 1-1/2" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161B21)	14,050.95	496.66
22 31 16 00-0055	EA	120,000 Grain Capacity, 1-1/2" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161C21)	15,132.82	516.52
22 31 16 00-0056	EA	150,000 Grain Capacity, 1-1/2" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161D21)	17,349.56	536.39
22 31 16 00-0057	EA	210,000 Grain Capacity, 1-1/2" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161E21)	19,599.42	556.25
22 31 16 00-0058	EA	300,000 Grain Capacity, 1-1/2" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161E21)	24,600.35	576.11

22 32 Domestic Water Filtration Equipment *(22 30)*

22 32 16 Domestic-Water Freestanding Cartridge Filters *(22 32)*

22 32 16 00-0001		Commercial Water Filters Housings *(22 32 16)*		
22 32 16 00-0002		Commercial Multi-Cartridge Stainless Steel Water Filter Housings *(22 32 16 00-0001)*		
22 32 16 00-0003		Commercial Multi-Cartridge Stainless Steel Water Filter Housings *(22 32 16 00-0002)*		
22 32 16 00-0004	EA	25 GPM Max Flow Rate, 4 Cartridge, Commercial Multi-Cartridge Stainless Steel Water Filter Housing (Watts Pure Water PWHS4X1)	2,637.67	187.27
22 32 16 00-0005	EA	30 GPM Max Flow Rate, 5 Cartridge, Commercial Multi-Cartridge Stainless Steel Water Filter Housing (Watts Pure Water PWHS5X1)	2,686.35	201.68
22 32 16 00-0006	EA	60 GPM Max Flow Rate, 4 Cartridge, Commercial Multi-Cartridge Stainless Steel Water Filter Housing (Watts Pure Water PWHS4X2)	2,858.67	216.08
22 32 16 00-0007	EA	90 GPM Max Flow Rate, 4 Cartridge, Commercial Multi-Cartridge Stainless Steel Water Filter Housing (Watts Pure Water PWHS4X3)	3,167.88	230.49
22 32 16 00-0008	EA	120 GPM Max Flow Rate, 4 Cartridge, Commercial Multi-Cartridge Stainless Steel Water Filter Housing (Watts Pure Water PWHS4X4)	3,260.72	244.89
22 32 16 00-0009	EA	150 GPM Max Flow Rate, 5 Cartridge, Commercial Multi-Cartridge Stainless Steel Water Filter Housing (Watts Pure Water PWHS5X4)	3,965.15	259.30
22 32 16 00-0010	EA	250 GPM Max Flow Rate, 12 Cartridge, Commercial Multi-Cartridge Stainless Steel Water Filter Housing (Watts Pure Water PWHS12X3)	11,293.35	273.70
22 32 16 00-0011	EA	300 GPM Max Flow Rate, 12 Cartridge, Commercial Multi-Cartridge Stainless Steel Water Filter Housing (Watts Pure Water PWHS12X4)	13,148.12	288.11
22 32 16 00-0012	EA	500 GPM Max Flow Rate, 22 Cartridge, Commercial Multi-Cartridge Stainless Steel Water Filter Housing (Watts Pure Water PWHS22X3)	16,714.01	302.51
22 32 16 00-0013	EA	600 GPM Max Flow Rate, 22 Cartridge, Commercial Multi-Cartridge Stainless Steel Water Filter Housing (Watts Pure Water PWHS22X4)	18,546.70	316.92
22 32 16 00-0014		Commercial Water Filter Cartridges *(22 32 16 00-0002)*		
22 32 16 00-0015		(Depth) Water Filter Cartridges *(22 32 16 00-0014)*		
22 32 16 00-0016	EA	50 Micron, 10" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB10M50)	12.89	2.31
22 32 16 00-0017	EA	20 Micron, 10" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB10M20)	12.89	2.31
22 32 16 00-0018	EA	10 Micron, 10" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB10M10)	12.89	2.31
22 32 16 00-0019	EA	5 Micron, 10" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB10M5)	10.68	2.31
22 32 16 00-0020	EA	1 Micron, 10" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB10M1)	13.44	2.31
22 32 16 00-0021	EA	50 Micron, 20" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB20M50)	13.44	2.31
22 32 16 00-0022	EA	20 Micron, 20" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB20M20)	14.55	2.31
22 32 16 00-0023	EA	5 Micron, 20" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Big Pure Water PWMB20M5)	18.41	2.31
22 32 16 00-0024	EA	1 Micron, 20" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB20M1)	14.55	2.31
22 32 16 00-0025	EA	50 Micron, 30" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB30M50)	17.31	2.31
22 32 16 00-0026	EA	20 Micron, 30" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB30M20)	17.31	2.31
22 32 16 00-0027	EA	5 Micron, 30" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB30M5)	17.31	2.31
22 32 16 00-0028	EA	1 Micron, 30" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB30M1)	18.96	2.31
22 32 16 00-0029	EA	50 Micron, 40" Length, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB40M50)	25.03	2.31
22 32 16 00-0030	EA	20 Micron, 40" Length, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB40M20)	22.83	2.31
22 32 16 00-0031	EA	5 Micron, 40" Length, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB40M5)	22.83	2.31
22 32 16 00-0032	EA	1 Micron, 40" Length, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB40M1)	25.03	2.31
22 32 16 00-0033		Pleated Water Filter Cartridges *(22 32 16 00-0014)*		
22 32 16 00-0034	EA	50 Micron, 9-3/4" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL10M50)	23.38	2.31
22 32 16 00-0035	EA	20 Micron, 9-3/4" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL10M20)	23.38	2.31
22 32 16 00-0036	EA	5 Micron, 9-3/4" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL10M5)	23.93	2.31
22 32 16 00-0037	EA	1 Micron, 9-3/4" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL10M1)	25.59	2.31
22 32 16 00-0038	EA	1 Micron Absolute, 9-3/4" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL10M1AB)	38.83	2.31
22 32 16 00-0039	EA	50 Micron, 20" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL20M50)	37.18	2.31
22 32 16 00-0040	EA	20 Micron, 20" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL20M20)	37.18	2.31
22 32 16 00-0041	EA	5 Micron, 20" Length, Pleated Water Filter Cartridge (Watts Big Pure Water PWPL20M5)	37.18	2.31
22 32 16 00-0042	EA	1 Micron, 20" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL20M1)	49.32	2.31
22 32 16 00-0043	EA	1 Micron Absolute, 20" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL20M1AB)	70.30	2.31

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 32 16 00-0044	EA	50 Micron, 40" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL40M50)	58.70	2.31
22 32 16 00-0045	EA	20 Micron, 40" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL40M20)	81.89	2.31
22 32 16 00-0046	EA	5 Micron, 40" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL40M5)	85.20	2.31
22 32 16 00-0047	EA	1 Micron, 40" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL40M1)	96.24	2.31
22 32 16 00-0048		Commercial Non-Metallic Water Filter Housings *(22 32 16 00-0001)*		
22 32 16 00-0049		Commercial Non-Metallic Water Filter Housings *(22 32 16 00-0048)*		
22 32 16 00-0050	EA	150 GPM Max Flow Rate, 1 Cartridge, Commercial Non-Metallic Water Filter Housing (Watts Big Bubba® PWWJCHSG)	2,069.02	172.87
22 32 16 00-0051		Commercial Water Filter Cartridges *(22 32 16 00-0048)*		
22 32 16 00-0052		Carbon Water Filter Cartridges *(22 32 16 00-0051)*		
22 32 16 00-0053	EA	Activated 26-1/4" Length, Carbon Water Filter Cartridge (Watts Big Bubba® PWWJCAC5)	692.38	2.31
22 32 16 00-0054		(Depth) Water Filter Cartridges *(22 32 16 00-0051)*		
22 32 16 00-0055	EA	50 Micron, 26-1/4" Length, Melt Blown (Depth) Water Filter Cartridge (Watts Big Bubba® PWWJCMB50)	143.16	2.31
22 32 16 00-0056	EA	20 Micron, 26-1/4" Length, Melt Blown (Depth) Water Filter Cartridge (Watts Big Bubba® PWWJCMB20)	142.05	2.31
22 32 16 00-0057	EA	5 Micron, 26-1/4" Length, Melt Blown (Depth) Water Filter Cartridge (Watts Big Bubba® PWWJCMB5)	142.05	2.31
22 32 16 00-0058	EA	1 Micron, 26-1/4" Length, Melt Blown (Depth) Water Filter Cartridge (Watts Big Bubba® PWWJCMB1)	163.03	2.31
22 32 16 00-0059		Pleated Water Filter Cartridges *(22 32 16 00-0051)*		
22 32 16 00-0060	EA	150 Micron, 26-1/4" Length, Pleated Water Filter Cartridge (Watts Big Bubba® PWWJCM150)	379.96	2.31
22 32 16 00-0061	EA	50 Micron, 26-1/4" Length, Pleated Water Filter Cartridge (Watts Big Bubba® PWWJCP50)	356.77	2.31
22 32 16 00-0062	EA	20 Micron, 26-1/4" Length, Pleated Water Filter Cartridge (Watts Big Bubba® PWWJCP20)	388.79	2.31
22 32 16 00-0063	EA	5 Micron, 26-1/4" Length, Pleated Water Filter Cartridge (Watts Big Bubba® PWWJCP5)	407.56	2.31
22 32 16 00-0064	EA	1 Micron, 26-1/4" Length, Pleated Water Filter Cartridge (Watts Big Bubba® PWWJCP1)	434.05	2.31
22 32 16 00-0065	EA	1 Absolute, 26-1/4" Length, Pleated Water Filter Cartridge (Watts Big Bubba® PWWJCP1AB)	470.48	2.31

22 33 Electric Domestic Water Heaters *(22 30)*

22 33 13 Instantaneous Electric Domestic Water Heaters *(22 33)*

22 33 13 13 Flow-Control, Instantaneous Electric Domestic Water Heaters *(22 33 13)*

22 33 13 13-0001		Flow Controlled, Instantaneous, Tankless, Electric Domestic Water Heaters *(22 33 13 13)*		
22 33 13 13-0002	EA	3 To 10 KW Flow Controlled, Instantaneous, Tankless, Electric Domestic Water Heater (Eemax EX3012, EX48, EX65, EX75, EX95)	532.63	57.53
22 33 13 13-0003	EA	7.2 KW, 0.75 GPM, Instantaneous, Tankless, Electric Domestic Water Heater (Bosch RP7P)	610.99	57.53

22 33 13 16 Thermostat-Control, Instantaneous Electric Domestic Water Heaters *(22 33 13)*

22 33 13 16-0001		Thermostat Controlled, Instantaneous, Tankless, Electric Domestic Water Heaters *(22 33 13 16)* Note: Temperature rise decreases with increased flow rate.		
22 33 13 16-0002	EA	3 To 10 KW Thermostat-Control, Instantaneous, Tankless, Electric Domestic Water Heater (Eemax EX3012T, EX48T, EX65T, EX75T, EX95T, EX012240T)	705.91	86.29
22 33 13 16-0003	EA	12 KW, 2.0 GPM, Indoor Mount, Instantaneous, Tankless, Electric Domestic Water Heater (Bosch PowerStar AE12)	767.76	115.06
22 33 13 16-0004	EA	17.25 KW, 2.3 GPM At 45 Degree Rise, Indoor Mount, Instantaneous, Tankless, Electric Domestic Water Heater (Bosch PowerStar AE115)	1,299.04	201.35
22 33 13 16-0005	EA	26.85 KW, 4.0 GPM At 45 Degree Rise, Indoor Mount, Instantaneous, Tankless, Electric Domestic Water Heater (Bosch PowerStar AE125)	1,983.95	230.11
22 33 13 16-0006	EA	12 KW, 1.6 GPM At 45 Degree Rise, Indoor Mount, Instantaneous, Tankless, Electric Domestic Water Heater (Stiebel Eltron Tempra 12 Plus)	1,438.81	115.06
22 33 13 16-0007	EA	14.4 KW, 2.3 GPM At 45 Degree Rise, Indoor Mount, Instantaneous, Tankless, Electric Domestic Water Heater (Stiebel Eltron Tempra 15 Plus)	1,963.77	172.59
22 33 13 16-0008	EA	19.2 KW, 2.8 GPM At 45 Degree Rise, Indoor Mount, Instantaneous, Tankless, Electric Domestic Water Heater (Stiebel Eltron Tempra 20 Plus)	2,158.00	230.11
22 33 13 16-0009	EA	24 KW, 3.3 GPM At 45 Degree Rise, Indoor Mount, Instantaneous, Tankless, Electric Domestic Water Heater (Stiebel Eltron Tempra 24 Plus)	2,241.84	230.11
22 33 13 16-0010	EA	28.8 KW, 4.5 GPM At 45 Degree Rise, Indoor Mount, Instantaneous, Tankless, Electric Domestic Water Heater (Stiebel Eltron Tempra 29 Plus)	2,321.02	230.11
22 33 13 16-0011	EA	36 KW, 4.5 GPM At 55 Degree Rise, Indoor Mount, Instantaneous, Tankless, Electric Domestic Water Heater (Stiebel Eltron Tempra 36 Plus)	2,437.47	230.11

22 33 30 Residential, Electric Domestic Water Heaters *(22 33)*

22 33 30 13 Residential, Small-Capacity Electric Domestic Water Heaters *(22 33 30)*

22 33 30 13-0001		Small-Capacity, Electric Domestic Water Heaters (A.O. Smith ProMax) *(22 33 30 13)* Note: Includes glass lined tank, drain valve and temperature and pressure relief valve. Excludes electrical connections.		
22 33 30 13-0002	EA	2 Gallon, Small-Capacity, Electric Domestic Water Heater	977.14	181.22

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 33 30 13-0003	EA	10 Gallon, Small-Capacity, Electric Domestic Water Heater	1,205.08	192.72
22 33 30 13-0004	EA	20 Gallon, Small-Capacity, Electric Domestic Water Heater	1,427.29	201.35

22 33 30 16 Residential, Storage Electric Domestic Water Heaters *(22 33 30)*

22 33 30 16-0001 Electric Domestic Water Heaters (A.O. Smith ProMax) *(22 33 30 16)*

Note: Includes glass lined tank, drain valve and temperature and pressure relief valve. Excludes electrical connections.

22 33 30 16-0002	EA	30 Gallon, Electric Domestic Water Heater	1,527.45	201.35
22 33 30 16-0003	EA	40 Gallon, Electric Domestic Water Heater	1,433.67	207.11
22 33 30 16-0004	EA	50 Gallon, Electric Domestic Water Heater	1,409.31	212.86
22 33 30 16-0005	EA	55 Gallon, Electric Domestic Water Heater	1,577.10	215.74
22 33 30 16-0006	EA	66 Gallon, Electric Domestic Water Heater	2,307.83	221.48
22 33 30 16-0007	EA	80 Gallon, Electric Domestic Water Heater	2,350.70	230.11
22 33 30 16-0008	EA	120 Gallon, Electric Domestic Water Heater	3,138.15	244.49

22 33 30 16-0009 Low-Boy, Electric Domestic Water Heaters (A.O. Smith ProMax) *(22 33 30 16)*

Note: Includes glass lined tank, drain valve and temperature and pressure relief valve. Excludes electrical connections.

22 33 30 16-0010	EA	30 Gallon, Low-Boy, Electric Domestic Water Heater	1,642.48	201.35
22 33 30 16-0011	EA	40 Gallon, Low-Boy, Electric Domestic Water Heater	1,561.76	207.11
22 33 30 16-0012	EA	50 Gallon, Low-Boy, Electric Domestic Water Heater	1,655.24	212.86

22 33 30 16-0013 High Efficiency, Electric Domestic Water Heaters (A.O. Smith Conservationist) *(22 33 30 16)*

Note: Includes .95 energy factor glass lined tank, drain valve and temperature and pressure relief valve. Excludes electrical connections.

22 33 30 16-0014	EA	40 Gallon, High Efficiency, Electric Domestic Water Heater	1,696.13	207.11
22 33 30 16-0015	EA	50 Gallon, High Efficiency, Electric Domestic Water Heater	1,855.06	212.86
22 33 30 16-0016	EA	66 Gallon, High Efficiency, Electric Domestic Water Heater	2,289.76	221.48
22 33 30 16-0017	EA	80 Gallon, High Efficiency, Electric Domestic Water Heater	2,491.47	230.11

22 33 30 16-0018 Water Heater Accessories *(22 33 30 16)*

22 33 30 16-0019	EA	2 Gallon, Expansion Pressure Tank For Water Heaters	130.73	11.51
22 33 30 16-0020	EA	4.4 Gallon, Expansion Pressure Tank For Water Heaters	154.76	11.51
22 33 30 16-0021	EA	7.6 Gallon, Expansion Pressure Tank For Water Heaters	303.24	11.51
22 33 30 16-0022	EA	14 Gallon, Expansion Pressure Tank For Water Heaters	407.74	11.51
22 33 30 16-0023	EA	20" Diameter, 3" Deep, Aluminum Water Heater Drain Pan	75.08	8.63
22 33 30 16-0024	EA	22" Diameter, 2-1/2" Deep, Aluminum Water Heater Drain Pan	82.05	8.63
22 33 30 16-0025	EA	24" Diameter, 3" Deep, Aluminum Water Heater Drain Pan	86.69	8.63
22 33 30 16-0026	EA	26" Diameter, 2-1/2" Deep, Aluminum Water Heater Drain Pan	102.95	8.63
22 33 30 16-0027	EA	22" Diameter, 2-1/2" Deep, Polyethylene Water Heater Drain Pan	40.13	8.63
22 33 30 16-0028	EA	24" Diameter, 2-1/2" Deep, Polyethylene Water Heater Drain Pan	43.85	8.63
22 33 30 16-0029	EA	26" Diameter, 2-1/2" Deep, Polyethylene Water Heater Drain Pan	49.07	8.63
22 33 30 16-0030	EA	28" Diameter, 2-1/2" Deep, Polyethylene Water Heater Drain Pan	55.79	8.63

22 33 30 23 Residential, Collector-To-Tank, Solar-Electric Domestic Water Heaters *(22 33 30)*

22 33 30 23-0001 Solar Electric Domestic Water Heaters (A.O. Smith CIRREX) *(22 33 30 23)*

Note: Includes glass lined tank, drain valve and temperature and pressure relief valve. Excludes electrical connections.

22 33 30 23-0002	EA	80 Gallon, Solar Electric Domestic Water Heater	3,888.37	230.11
22 33 30 23-0003	EA	120 Gallon, Solar Electric Domestic Water Heater	4,666.12	244.49

22 33 33 Light-Commercial Electric Domestic Water Heaters *(22 33)*

22 33 33 00-0001 Standard Duty Electric Commercial Water Heaters (A.O. Smith DEL And DEN) *(22 33 33)*

Note: Includes glass lined tank, drain valve, and temperature and pressure relief valve.

22 33 33 00-0002	EA	Up To 2.5 KW, 6 Gallon, Single Element Lowboy Electric Commercial Water Heater (DEL-6S)	2,044.72	201.35
22 33 33 00-0003	EA	Up To 6 KW, 10 Gallon, Single Element Lowboy Electric Commercial Water Heater (DEL-10S)	2,211.58	201.35
22 33 33 00-0004	EA	Up To 6 KW, 20 Gallon, Single Element Lowboy Electric Commercial Water Heater (DEL-20S)	2,393.59	230.11
22 33 33 00-0005	EA	Up To 12 KW, 30 Gallon, Dual Element Lowboy Electric Commercial Water Heater (DEL-30D)	4,300.60	230.11
22 33 33 00-0006	EA	Up To 12 KW, 40 Gallon, Dual Element Lowboy Electric Commercial Water Heater (DEL-40D)	4,945.39	287.64
22 33 33 00-0007	EA	Up To 12 KW, 50 Gallon, Dual Element Lowboy Electric Commercial Water Heater (DEL-50D)	5,457.73	345.18
22 33 33 00-0008	EA	Up To 12 KW, 80 Gallon, Dual Element Standard Upright Electric Commercial Water Heater (DEN-80D)	6,433.29	517.76

22 33 33 00-0009 Heavy Duty Electric Commercial Water Heaters (A.O. Smith DSE) *(22 33 33)*

Note: Includes glass lined tank, ASME tank construction, drain valve, and temperature and pressure relief valve.

22 33 33 00-0010	EA	3 KW, 5 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-5-3)	7,951.15	201.35
22 33 33 00-0011	EA	3 KW, 10 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-10-3)	8,268.98	201.35
22 33 33 00-0012	EA	6 KW, 10 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-10-6)	8,613.31	201.35
22 33 33 00-0013	EA	3 KW, 20 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-20-3)	8,670.84	230.11
22 33 33 00-0014	EA	6 KW, 20 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-20-6)	9,068.13	230.11

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 33 33 00-0015	EA	9 KW, 20 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-20-9)	9,703.80	230.11
22 33 33 00-0016	EA	12 KW, 20 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-20-12)	10,127.58	230.11
22 33 33 00-0017	EA	15 KW, 20 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-20-15)	10,471.90	230.11
22 33 33 00-0018	EA	18 KW, 20 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-20-18)	10,842.71	230.11
22 33 33 00-0019	EA	6 KW, 30 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-30-6)	9,465.42	230.11
22 33 33 00-0020	EA	9 KW, 30 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-30-9)	9,836.23	230.11
22 33 33 00-0021	EA	12 KW, 30 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-30-12)	10,260.01	230.11
22 33 33 00-0022	EA	15 KW, 30 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-30-15)	10,604.33	230.11
22 33 33 00-0023	EA	18 KW, 30 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-30-18)	10,975.14	230.11
22 33 33 00-0024	EA	24 KW, 30 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-30-24)	13,703.22	230.11
22 33 33 00-0025	EA	9 KW, 40 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-40-9)	10,295.61	287.64
22 33 33 00-0026	EA	12 KW, 40 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-40-12)	10,639.93	287.64
22 33 33 00-0027	EA	15 KW, 40 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-40-15)	11,063.71	287.64
22 33 33 00-0028	EA	18 KW, 40 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-40-18)	11,434.52	287.64
22 33 33 00-0029	EA	24 KW, 40 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-40-24)	14,189.09	287.64
22 33 33 00-0030	EA	30 KW, 40 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-40-30)	15,460.43	287.64
22 33 33 00-0031	EA	36 KW, 40 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-40-36)	16,705.28	287.64
22 33 33 00-0032	EA	9 KW, 50 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-50-9)	11,893.89	345.18
22 33 33 00-0033	EA	12 KW, 50 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-50-12)	12,238.21	345.18
22 33 33 00-0034	EA	15 KW, 50 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-50-15)	12,582.53	345.18
22 33 33 00-0035	EA	18 KW, 50 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-50-18)	12,953.34	345.18
22 33 33 00-0036	EA	24 KW, 50 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-50-24)	15,787.37	345.18
22 33 33 00-0037	EA	30 KW, 50 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-50-30)	17,058.71	345.18
22 33 33 00-0038	EA	36 KW, 50 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-50-36)	18,303.56	345.18
22 33 33 00-0039	EA	45 KW, 50 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-50-45)	20,554.90	345.18
22 33 33 00-0040	EA	54 KW, 50 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-50-54)	21,561.37	345.18
22 33 33 00-0041	EA	60 KW, 50 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-50-60)	25,057.56	345.18
22 33 33 00-0042	EA	75 KW, 50 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-50-75)	29,560.22	345.18
22 33 33 00-0043	EA	90 KW, 50 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-50-90)	37,135.29	345.18
22 33 33 00-0044	EA	9 KW, 65 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-65-9)	13,342.38	460.23
22 33 33 00-0045	EA	12 KW, 65 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-65-12)	13,739.67	460.23
22 33 33 00-0046	EA	15 KW, 65 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-65-15)	14,110.48	460.23
22 33 33 00-0047	EA	18 KW, 65 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-65-18)	14,428.32	460.23
22 33 33 00-0048	EA	24 KW, 65 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-65-24)	17,235.86	460.23
22 33 33 00-0049	EA	30 KW, 65 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-65-30)	18,507.20	460.23
22 33 33 00-0050	EA	36 KW, 65 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-65-36)	19,725.57	460.23
22 33 33 00-0051	EA	45 KW, 65 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-65-45)	22,029.87	460.23
22 33 33 00-0052	EA	54 KW, 65 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-65-54)	23,009.86	460.23
22 33 33 00-0053	EA	60 KW, 65 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-65-60)	26,532.53	460.23
22 33 33 00-0054	EA	75 KW, 65 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-65-75)	31,061.68	460.23
22 33 33 00-0055	EA	90 KW, 65 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-65-90)	38,610.26	460.23
22 33 33 00-0056	EA	12 KW, 80 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-80-12)	14,914.18	517.76
22 33 33 00-0057	EA	15 KW, 80 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-80-15)	15,284.99	517.76
22 33 33 00-0058	EA	18 KW, 80 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-80-18)	15,602.83	517.76
22 33 33 00-0059	EA	24 KW, 80 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-80-24)	18,436.85	517.76
22 33 33 00-0060	EA	30 KW, 80 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-80-30)	19,575.76	517.76
22 33 33 00-0061	EA	36 KW, 80 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-80-36)	20,900.08	517.76
22 33 33 00-0062	EA	45 KW, 80 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-80-45)	23,204.38	517.76
22 33 33 00-0063	EA	54 KW, 80 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-80-54)	24,210.86	517.76
22 33 33 00-0064	EA	60 KW, 80 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-80-60)	27,521.64	517.76
22 33 33 00-0065	EA	75 KW, 80 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-80-75)	32,236.19	517.76
22 33 33 00-0066	EA	90 KW, 80 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-80-90)	39,784.77	517.76
22 33 33 00-0067	EA	15 KW, 100 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-100-15)	16,777.34	575.29
22 33 33 00-0068	EA	18 KW, 100 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-100-18)	17,201.12	575.29
22 33 33 00-0069	EA	24 KW, 100 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-100-24)	19,955.69	575.29
22 33 33 00-0070	EA	30 KW, 100 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-100-30)	21,227.03	575.29
22 33 33 00-0071	EA	36 KW, 100 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-100-36)	22,471.88	575.29
22 33 33 00-0072	EA	45 KW, 100 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-100-45)	24,723.21	575.29
22 33 33 00-0073	EA	54 KW, 100 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-100-54)	25,756.17	575.29
22 33 33 00-0074	EA	60 KW, 100 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-100-60)	29,225.87	575.29
22 33 33 00-0075	EA	75 KW, 100 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-100-75)	33,728.54	575.29
22 33 33 00-0076	EA	90 KW, 100 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-100-90)	41,330.09	575.29
22 33 33 00-0077	EA	15 KW, 120 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-120-15)	17,960.96	690.34
22 33 33 00-0078	EA	18 KW, 120 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-120-18)	18,331.77	690.34
22 33 33 00-0079	EA	24 KW, 120 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-120-24)	21,086.34	690.34
22 33 33 00-0080	EA	30 KW, 120 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-120-30)	22,304.71	690.34
22 33 33 00-0081	EA	36 KW, 120 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-120-36)	23,602.53	690.34
22 33 33 00-0082	EA	45 KW, 120 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-120-45)	25,853.86	690.34
22 33 33 00-0083	EA	54 KW, 120 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-120-54)	26,807.37	690.34
22 33 33 00-0084	EA	60 KW, 120 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-120-60)	30,383.01	690.34
22 33 33 00-0085	EA	75 KW, 120 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-120-75)	34,912.16	690.34
22 33 33 00-0086	EA	90 KW, 120 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-120-90)	42,434.26	690.34

22 33 33 00-0087 Water Heater Accessories *(22 33 33)*

22 33 33 00-0088	EA	Up To 80 Gallon Water Heater Strap Note: Includes (4) Straps (4) J-Clips (4) Lag Bolts (2) 3/8" Carraige Bolts (2) 3/8" Hex Nuts	48.83
22 33 33 00-0089	EA	>80 To 120 Gallon Water Heater Strap Note: Includes (4) Straps (4) J-Clips (4) Lag Bolts (2) 3/8" Carraige Bolts (2) 3/8" Hex Nuts	71.66

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 33 33 00-0090		Removal And Reinstallation Of Water Heater *(22 33 33)*		
		Note: Includes storage and cleaning.		
22 33 33 00-0091	EA	Removal And Reinstallation Of Water Heater Electric, Up To 82 Gallon	383.53	
22 33 33 00-0092	EA	Removal And Reinstallation Of Water Heater Electric, 83 Gallon To 200 Gallon	1,150.58	
22 33 36		**Commerical Domestic Water Electric Booster Heaters** *(22 33)*		
22 33 36 16		**Commercial Storage Electric Domestic Water Heaters** *(22 33 36)*		
22 33 36 16-0001		Commercial Storage Electric Domestic Water Heaters *(22 33 36 16)*		
22 33 36 16-0002	EA	150 Gallon, 15 KW, 480 Voltage, Commercial Electric Water Heater	41,250.86	770.90
22 33 36 16-0003	EA	150 Gallon, 30 KW, 480 Voltage, Commercial Electric Water Heater	43,288.02	770.90
22 33 36 16-0004	EA	150 Gallon, 45 KW, 480 Voltage, Commercial Electric Water Heater	45,325.19	770.90
22 33 36 16-0005	EA	150 Gallon, 60 KW, 480 Voltage, Commercial Electric Water Heater	47,362.35	770.90
22 33 36 16-0006	EA	150 Gallon, 90 KW, 480 Voltage, Commercial Electric Water Heater	51,436.68	770.90
22 33 36 16-0007	EA	150 Gallon, 120 KW, 480 Voltage, Commercial Electric Water Heater	55,511.01	770.90
22 33 36 16-0008	EA	150 Gallon, 144 KW, 480 Voltage, Commercial Electric Water Heater	58,770.48	770.90
22 33 36 16-0009	EA	200 Gallon, 15 KW, 480 Voltage, Commercial Electric Water Heater	43,933.92	905.81
22 33 36 16-0010	EA	200 Gallon, 30 KW, 480 Voltage, Commercial Electric Water Heater	45,986.76	905.81
22 33 36 16-0011	EA	200 Gallon, 45 KW, 480 Voltage, Commercial Electric Water Heater	48,039.60	905.81
22 33 36 16-0012	EA	200 Gallon, 60 KW, 480 Voltage, Commercial Electric Water Heater	50,092.44	905.81
22 33 36 16-0013	EA	200 Gallon, 90 KW, 480 Voltage, Commercial Electric Water Heater	54,198.10	905.81
22 33 36 16-0014	EA	200 Gallon, 120 KW, 480 Voltage, Commercial Electric Water Heater	58,303.77	905.81
22 33 36 16-0015	EA	200 Gallon, 144 KW, 480 Voltage, Commercial Electric Water Heater	61,588.31	905.81
22 33 36 16-0016	EA	200 Gallon, 180 KW, 480 Voltage, Commercial Electric Water Heater	66,515.11	905.81
22 33 36 16-0017	EA	250 Gallon, 15 KW, 480 Voltage, Commercial Electric Water Heater	45,610.48	1,031.08
22 33 36 16-0018	EA	250 Gallon, 30 KW, 480 Voltage, Commercial Electric Water Heater	47,633.71	1,031.08
22 33 36 16-0019	EA	250 Gallon, 45 KW, 480 Voltage, Commercial Electric Water Heater	49,656.95	1,031.08
22 33 36 16-0020	EA	250 Gallon, 60 KW, 480 Voltage, Commercial Electric Water Heater	51,680.18	1,031.08
22 33 36 16-0021	EA	250 Gallon, 90 KW, 480 Voltage, Commercial Electric Water Heater	55,726.66	1,031.08
22 33 36 16-0022	EA	250 Gallon, 120 KW, 480 Voltage, Commercial Electric Water Heater	59,773.13	1,031.08
22 33 36 16-0023	EA	250 Gallon, 144 KW, 480 Voltage, Commercial Electric Water Heater	63,819.60	1,031.08
22 33 36 16-0024	EA	250 Gallon, 180 KW, 480 Voltage, Commercial Electric Water Heater	68,675.37	1,031.08
22 33 36 16-0025	EA	250 Gallon, 216 KW, 480 Voltage, Commercial Electric Water Heater	73,531.13	1,031.08
22 33 36 16-0026	EA	300 Gallon, 30 KW, 480 Voltage, Commercial Electric Water Heater	50,306.58	1,185.26
22 33 36 16-0027	EA	300 Gallon, 45 KW, 480 Voltage, Commercial Electric Water Heater	52,342.77	1,185.26
22 33 36 16-0028	EA	300 Gallon, 60 KW, 480 Voltage, Commercial Electric Water Heater	54,378.95	1,185.26
22 33 36 16-0029	EA	300 Gallon, 90 KW, 480 Voltage, Commercial Electric Water Heater	58,451.32	1,185.26
22 33 36 16-0030	EA	300 Gallon, 120 KW, 480 Voltage, Commercial Electric Water Heater	62,523.69	1,185.26
22 33 36 16-0031	EA	300 Gallon, 144 KW, 480 Voltage, Commercial Electric Water Heater	65,781.59	1,185.26
22 33 36 16-0032	EA	300 Gallon, 180 KW, 480 Voltage, Commercial Electric Water Heater	72,025.89	1,185.26
22 33 36 16-0033	EA	300 Gallon, 216 KW, 480 Voltage, Commercial Electric Water Heater	76,912.74	1,185.26
22 33 36 16-0034	EA	300 Gallon, 234 KW, 480 Voltage, Commercial Electric Water Heater	79,356.16	1,185.26
22 33 36 16-0035	EA	300 Gallon, 252 KW, 480 Voltage, Commercial Electric Water Heater	81,799.58	1,185.26
22 33 36 16-0036	EA	300 Gallon, 270 KW, 480 Voltage, Commercial Electric Water Heater	84,243.01	1,185.26
22 33 36 16-0037	EA	350 Gallon, 30 KW, 480 Voltage, Commercial Electric Water Heater	55,831.33	1,397.26
22 33 36 16-0038	EA	350 Gallon, 45 KW, 480 Voltage, Commercial Electric Water Heater	57,739.45	1,397.26
22 33 36 16-0039	EA	350 Gallon, 60 KW, 480 Voltage, Commercial Electric Water Heater	59,647.56	1,397.26
22 33 36 16-0040	EA	350 Gallon, 90 KW, 480 Voltage, Commercial Electric Water Heater	63,463.80	1,397.26
22 33 36 16-0041	EA	350 Gallon, 120 KW, 480 Voltage, Commercial Electric Water Heater	67,280.04	1,397.26
22 33 36 16-0042	EA	350 Gallon, 144 KW, 480 Voltage, Commercial Electric Water Heater	70,333.03	1,397.26
22 33 36 16-0043	EA	350 Gallon, 180 KW, 480 Voltage, Commercial Electric Water Heater	74,912.51	1,397.26
22 33 36 16-0044	EA	350 Gallon, 216 KW, 480 Voltage, Commercial Electric Water Heater	79,492.00	1,397.26
22 33 36 16-0045	EA	350 Gallon, 234 KW, 480 Voltage, Commercial Electric Water Heater	81,781.74	1,397.26
22 33 36 16-0046	EA	350 Gallon, 252 KW, 480 Voltage, Commercial Electric Water Heater	84,071.48	1,397.26
22 33 36 16-0047	EA	350 Gallon, 270 KW, 480 Voltage, Commercial Electric Water Heater	86,361.22	1,397.26
22 33 36 16-0048	EA	350 Gallon, 297 KW, 480 Voltage, Commercial Electric Water Heater	89,795.84	1,397.26
22 33 36 16-0049	EA	400 Gallon, 30 KW, 480 Voltage, Commercial Electric Water Heater	61,221.17	1,541.81
22 33 36 16-0050	EA	400 Gallon, 45 KW, 480 Voltage, Commercial Electric Water Heater	63,578.69	1,541.81
22 33 36 16-0051	EA	400 Gallon, 60 KW, 480 Voltage, Commercial Electric Water Heater	65,936.22	1,541.81
22 33 36 16-0052	EA	400 Gallon, 90 KW, 480 Voltage, Commercial Electric Water Heater	70,651.26	1,541.81
22 33 36 16-0053	EA	400 Gallon, 120 KW, 480 Voltage, Commercial Electric Water Heater	75,366.32	1,541.81
22 33 36 16-0054	EA	400 Gallon, 144 KW, 480 Voltage, Commercial Electric Water Heater	79,138.36	1,541.81
22 33 36 16-0055	EA	400 Gallon, 180 KW, 480 Voltage, Commercial Electric Water Heater	84,796.43	1,541.81
22 33 36 16-0056	EA	400 Gallon, 216 KW, 480 Voltage, Commercial Electric Water Heater	90,454.48	1,541.81
22 33 36 16-0057	EA	400 Gallon, 234 KW, 480 Voltage, Commercial Electric Water Heater	93,283.51	1,541.81
22 33 36 16-0058	EA	400 Gallon, 252 KW, 480 Voltage, Commercial Electric Water Heater	96,112.54	1,541.81
22 33 36 16-0059	EA	400 Gallon, 270 KW, 480 Voltage, Commercial Electric Water Heater	98,941.58	1,541.81
22 33 36 16-0060	EA	400 Gallon, 306 KW, 480 Voltage, Commercial Electric Water Heater	104,599.64	1,541.81
22 33 36 16-0061	EA	400 Gallon, 324 KW, 480 Voltage, Commercial Electric Water Heater	107,428.66	1,541.81
22 33 36 16-0062	EA	500 Gallon, 30 KW, 480 Voltage, Commercial Electric Water Heater	71,479.03	1,734.53
22 33 36 16-0063	EA	500 Gallon, 45 KW, 480 Voltage, Commercial Electric Water Heater	73,991.49	1,734.53
22 33 36 16-0064	EA	500 Gallon, 60 KW, 480 Voltage, Commercial Electric Water Heater	76,503.96	1,734.53
22 33 36 16-0065	EA	500 Gallon, 90 KW, 480 Voltage, Commercial Electric Water Heater	81,528.89	1,734.53
22 33 36 16-0066	EA	500 Gallon, 120 KW, 480 Voltage, Commercial Electric Water Heater	86,553.82	1,734.53
22 33 36 16-0067	EA	500 Gallon, 144 KW, 480 Voltage, Commercial Electric Water Heater	90,573.76	1,734.53
22 33 36 16-0068	EA	500 Gallon, 180 KW, 480 Voltage, Commercial Electric Water Heater	96,603.68	1,734.53
22 33 36 16-0069	EA	500 Gallon, 216 KW, 480 Voltage, Commercial Electric Water Heater	102,633.60	1,734.53
22 33 36 16-0070	EA	500 Gallon, 234 KW, 480 Voltage, Commercial Electric Water Heater	105,648.56	1,734.53
22 33 36 16-0071	EA	500 Gallon, 252 KW, 480 Voltage, Commercial Electric Water Heater	108,663.51	1,734.53

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 33 36 16-0072	EA	500 Gallon, 270 KW, 480 Voltage, Commercial Electric Water Heater	111,678.47	1,734.53
22 33 36 16-0073	EA	500 Gallon, 306 KW, 480 Voltage, Commercial Electric Water Heater	117,708.39	1,734.53
22 33 36 16-0074	EA	500 Gallon, 324 KW, 480 Voltage, Commercial Electric Water Heater	120,723.35	1,734.53
22 33 36 16-0075	EA	500 Gallon, 360 KW, 480 Voltage, Commercial Electric Water Heater	126,753.27	1,734.53
22 33 36 16-0076	EA	500 Gallon, 396 KW, 480 Voltage, Commercial Electric Water Heater	132,783.17	1,734.53
22 33 36 16-0077	EA	600 Gallon, 30 KW, 480 Voltage, Commercial Electric Water Heater	83,930.77	1,927.25
22 33 36 16-0078	EA	600 Gallon, 45 KW, 480 Voltage, Commercial Electric Water Heater	86,851.95	1,927.25
22 33 36 16-0079	EA	600 Gallon, 60 KW, 480 Voltage, Commercial Electric Water Heater	89,773.14	1,927.25
22 33 36 16-0080	EA	600 Gallon, 90 KW, 480 Voltage, Commercial Electric Water Heater	95,615.50	1,927.25
22 33 36 16-0081	EA	600 Gallon, 120 KW, 480 Voltage, Commercial Electric Water Heater	101,457.88	1,927.25
22 33 36 16-0082	EA	600 Gallon, 144 KW, 480 Voltage, Commercial Electric Water Heater	106,131.78	1,927.25
22 33 36 16-0083	EA	600 Gallon, 180 KW, 480 Voltage, Commercial Electric Water Heater	112,161.69	1,927.25
22 33 36 16-0084	EA	600 Gallon, 216 KW, 480 Voltage, Commercial Electric Water Heater	119,172.53	1,927.25
22 33 36 16-0085	EA	600 Gallon, 234 KW, 480 Voltage, Commercial Electric Water Heater	122,677.96	1,927.25
22 33 36 16-0086	EA	600 Gallon, 252 KW, 480 Voltage, Commercial Electric Water Heater	126,183.38	1,927.25
22 33 36 16-0087	EA	600 Gallon, 270 KW, 480 Voltage, Commercial Electric Water Heater	129,688.81	1,927.25
22 33 36 16-0088	EA	600 Gallon, 306 KW, 480 Voltage, Commercial Electric Water Heater	137,680.58	1,927.25
22 33 36 16-0089	EA	600 Gallon, 324 KW, 480 Voltage, Commercial Electric Water Heater	144,691.42	1,927.25
22 33 36 16-0090	EA	600 Gallon, 360 KW, 480 Voltage, Commercial Electric Water Heater	148,196.85	1,927.25
22 33 36 16-0091	EA	600 Gallon, 396 KW, 480 Voltage, Commercial Electric Water Heater	155,207.69	1,927.25
22 33 36 16-0092	EA	800 Gallon, 60 KW, 480 Voltage, Commercial Electric Water Heater	96,739.84	2,572.89
22 33 36 16-0093	EA	800 Gallon, 90 KW, 480 Voltage, Commercial Electric Water Heater	102,692.72	2,572.89
22 33 36 16-0094	EA	800 Gallon, 120 KW, 480 Voltage, Commercial Electric Water Heater	108,645.60	2,572.89
22 33 36 16-0095	EA	800 Gallon, 144 KW, 480 Voltage, Commercial Electric Water Heater	113,407.90	2,572.89
22 33 36 16-0096	EA	800 Gallon, 180 KW, 480 Voltage, Commercial Electric Water Heater	120,551.36	2,572.89
22 33 36 16-0097	EA	800 Gallon, 216 KW, 480 Voltage, Commercial Electric Water Heater	127,694.81	2,572.89
22 33 36 16-0098	EA	800 Gallon, 234 KW, 480 Voltage, Commercial Electric Water Heater	131,266.54	2,572.89
22 33 36 16-0099	EA	800 Gallon, 252 KW, 480 Voltage, Commercial Electric Water Heater	134,838.27	2,572.89
22 33 36 16-0100	EA	800 Gallon, 270 KW, 480 Voltage, Commercial Electric Water Heater	138,409.99	2,572.89
22 33 36 16-0101	EA	800 Gallon, 306 KW, 480 Voltage, Commercial Electric Water Heater	145,553.45	2,572.89
22 33 36 16-0102	EA	800 Gallon, 324 KW, 480 Voltage, Commercial Electric Water Heater	152,696.91	2,572.89
22 33 36 16-0103	EA	800 Gallon, 360 KW, 480 Voltage, Commercial Electric Water Heater	156,268.63	2,572.89
22 33 36 16-0104	EA	800 Gallon, 396 KW, 480 Voltage, Commercial Electric Water Heater	163,412.09	2,572.89
22 33 36 16-0105	EA	1000 Gallon, 60 KW, 480 Voltage, Commercial Electric Water Heater	113,232.57	3,305.24
22 33 36 16-0106	EA	1000 Gallon, 90 KW, 480 Voltage, Commercial Electric Water Heater	118,329.31	3,305.24
22 33 36 16-0107	EA	1000 Gallon, 120 KW, 480 Voltage, Commercial Electric Water Heater	123,426.04	3,305.24
22 33 36 16-0108	EA	1000 Gallon, 144 KW, 480 Voltage, Commercial Electric Water Heater	127,503.43	3,305.24
22 33 36 16-0109	EA	1000 Gallon, 180 KW, 480 Voltage, Commercial Electric Water Heater	133,619.51	3,305.24
22 33 36 16-0110	EA	1000 Gallon, 216 KW, 480 Voltage, Commercial Electric Water Heater	139,735.60	3,305.24
22 33 36 16-0111	EA	1000 Gallon, 234 KW, 480 Voltage, Commercial Electric Water Heater	142,793.63	3,305.24
22 33 36 16-0112	EA	1000 Gallon, 252 KW, 480 Voltage, Commercial Electric Water Heater	145,851.68	3,305.24
22 33 36 16-0113	EA	1000 Gallon, 270 KW, 480 Voltage, Commercial Electric Water Heater	148,909.71	3,305.24
22 33 36 16-0114	EA	1000 Gallon, 306 KW, 480 Voltage, Commercial Electric Water Heater	155,025.80	3,305.24
22 33 36 16-0115	EA	1000 Gallon, 324 KW, 480 Voltage, Commercial Electric Water Heater	161,141.88	3,305.24
22 33 36 16-0116	EA	1000 Gallon, 360 KW, 480 Voltage, Commercial Electric Water Heater	164,199.91	3,305.24
22 33 36 16-0117	EA	1000 Gallon, 396 KW, 480 Voltage, Commercial Electric Water Heater	170,315.99	3,305.24
22 33 36 16-0118	EA	1250 Gallon, 60 KW, 480 Voltage, Commercial Electric Water Heater	125,618.56	3,854.51
22 33 36 16-0119	EA	1250 Gallon, 90 KW, 480 Voltage, Commercial Electric Water Heater	130,301.94	3,854.51
22 33 36 16-0120	EA	1250 Gallon, 120 KW, 480 Voltage, Commercial Electric Water Heater	134,985.31	3,854.51
22 33 36 16-0121	EA	1250 Gallon, 144 KW, 480 Voltage, Commercial Electric Water Heater	138,732.02	3,854.51
22 33 36 16-0122	EA	1250 Gallon, 180 KW, 480 Voltage, Commercial Electric Water Heater	144,352.07	3,854.51
22 33 36 16-0123	EA	1250 Gallon, 216 KW, 480 Voltage, Commercial Electric Water Heater	149,972.12	3,854.51
22 33 36 16-0124	EA	1250 Gallon, 234 KW, 480 Voltage, Commercial Electric Water Heater	152,782.15	3,854.51
22 33 36 16-0125	EA	1250 Gallon, 252 KW, 480 Voltage, Commercial Electric Water Heater	155,592.18	3,854.51
22 33 36 16-0126	EA	1250 Gallon, 270 KW, 480 Voltage, Commercial Electric Water Heater	158,402.21	3,854.51
22 33 36 16-0127	EA	1250 Gallon, 306 KW, 480 Voltage, Commercial Electric Water Heater	164,022.26	3,854.51
22 33 36 16-0128	EA	1250 Gallon, 324 KW, 480 Voltage, Commercial Electric Water Heater	169,642.31	3,854.51
22 33 36 16-0129	EA	1250 Gallon, 360 KW, 480 Voltage, Commercial Electric Water Heater	172,452.33	3,854.51
22 33 36 16-0130	EA	1250 Gallon, 396 KW, 480 Voltage, Commercial Electric Water Heater	178,072.39	3,854.51
22 33 36 16-0131	EA	1250 Gallon, 432 KW, 480 Voltage, Commercial Electric Water Heater	183,692.44	3,854.51
22 33 36 16-0132	EA	1500 Gallon, 60 KW, 480 Voltage, Commercial Electric Water Heater	137,784.19	4,625.41
22 33 36 16-0133	EA	1500 Gallon, 90 KW, 480 Voltage, Commercial Electric Water Heater	142,309.05	4,625.41
22 33 36 16-0134	EA	1500 Gallon, 120 KW, 480 Voltage, Commercial Electric Water Heater	146,833.90	4,625.41
22 33 36 16-0135	EA	1500 Gallon, 144 KW, 480 Voltage, Commercial Electric Water Heater	150,453.79	4,625.41
22 33 36 16-0136	EA	1500 Gallon, 180 KW, 480 Voltage, Commercial Electric Water Heater	155,883.62	4,625.41
22 33 36 16-0137	EA	1500 Gallon, 216 KW, 480 Voltage, Commercial Electric Water Heater	161,313.44	4,625.41
22 33 36 16-0138	EA	1500 Gallon, 234 KW, 480 Voltage, Commercial Electric Water Heater	164,028.36	4,625.41
22 33 36 16-0139	EA	1500 Gallon, 252 KW, 480 Voltage, Commercial Electric Water Heater	166,743.27	4,625.41
22 33 36 16-0140	EA	1500 Gallon, 270 KW, 480 Voltage, Commercial Electric Water Heater	169,458.19	4,625.41
22 33 36 16-0141	EA	1500 Gallon, 306 KW, 480 Voltage, Commercial Electric Water Heater	174,888.01	4,625.41
22 33 36 16-0142	EA	1500 Gallon, 324 KW, 480 Voltage, Commercial Electric Water Heater	180,317.84	4,625.41
22 33 36 16-0143	EA	1500 Gallon, 360 KW, 480 Voltage, Commercial Electric Water Heater	183,032.76	4,625.41
22 33 36 16-0144	EA	1500 Gallon, 396 KW, 480 Voltage, Commercial Electric Water Heater	188,462.59	4,625.41
22 33 36 16-0145	EA	1500 Gallon, 432 KW, 480 Voltage, Commercial Electric Water Heater	193,892.41	4,625.41

22 34 Fuel-Fired Domestic Water Heaters *(22 30)*

22 34 13 Instantaneous, Tankless, Gas Domestic Water Heaters *(22 34)*

22 34 13 00-0001 Instantaneous, Tankless, Gas Domestic Water Heaters *(22 34 13)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 34 13 00-0002		Indoor Mount, Instantaneous, Tankless, Gas Domestic Water Heaters *(22 34 13 00-0001)*		
		Note: Includes vent connection. Excludes vent.		
22 34 13 00-0003	EA	4.2 GPM, Indoor Mount, Instantaneous, Tankless, Gas Domestic Water Heater (Rheem RTG-42PVN)	2,154.85	230.11
22 34 13 00-0004	EA	5.3 GPM, Indoor Mount, Instantaneous, Tankless, Gas Domestic Water Heater (Rheem RTG-53PVN)	2,338.15	232.99
22 34 13 00-0005	EA	5.3 GPM, Direct Vent, Indoor Mount, Instantaneous, Tankless, Gas Domestic Water Heater (Rheem RTG-53DVN)	2,575.60	238.74
22 34 13 00-0006	EA	6.6 GPM, Direct Vent, Indoor Mount, Instantaneous, Tankless, Gas Domestic Water Heater (Rheem RTG-66DVN)	3,022.61	244.49
22 34 13 00-0007	EA	7.4 GPM, Indoor Mount, Instantaneous, Tankless, Gas Domestic Water Heater (Rheem RTG-74PVN)	3,684.29	258.88
22 34 13 00-0008	EA	7.4 GPM, Direct Vent, Indoor Mount, Instantaneous, Tankless, Gas Domestic Water Heater (Rheem RTG-74DVN)	3,764.98	258.88
22 34 13 00-0009		Outdoor Mount, Instantaneous, Tankless, Gas Domestic Water Heaters *(22 34 13 00-0001)*		
22 34 13 00-0010	EA	5.3 GPM, Outdoor Mount, Instantaneous, Tankless, Gas Domestic Water Heater (Rheem RTG-53XN)	2,332.39	230.11
22 34 13 00-0011	EA	7.4 GPM, Outdoor Mount, Instantaneous, Tankless, Gas Domestic Water Heater (Rheem RTG-74XN)	3,684.29	258.88
22 34 30		**Residential Gas Domestic Water Heaters** *(22 34)*		
22 34 30 13		**Residential, Atmospheric, Gas Domestic Water Heaters** *(22 34 30)*		
22 34 30 13-0001		Atmospheric, Gas Domestic Water Heaters (A.O. Smith ProMax) *(22 34 30 13)*		
		Note: Includes glass lined tank, drain valve, temperature and pressure relief valve and vent connection. Excludes vent.		
22 34 30 13-0002	EA	30 Gallon, Atmospheric, Gas Domestic Water Heater (A. O. Smith GCV-30)	1,595.65	221.48
22 34 30 13-0003	EA	40 Gallon, Atmospheric, Gas Domestic Water Heater (A. O. Smith GCV-40)	1,563.61	227.23
22 34 30 13-0004	EA	50 Gallon, Atmospheric, Gas Domestic Water Heater (A. O. Smith GCVX-50)	2,105.41	232.99
22 34 30 13-0005	EA	65 Gallon, Atmospheric, Gas Domestic Water Heater (A. O. Smiith GCV-65)	2,283.55	238.74
22 34 30 13-0006	EA	75 Gallon, Atmospheric, Gas Domestic Water Heater (A. O. Smith FCG-75)	2,499.88	244.49
22 34 30 13-0007	EA	100 Gallon, Atmospheric, Gas Domestic Water Heater (A. O. Smith FCG-100)	3,735.37	258.88
22 34 30 16		**Residential, Direct-Vent, Gas Domestic Water Heaters** *(22 34 30)*		
22 34 30 16-0001		Direct-Vent, Gas Domestic Water Heaters (A.O. Smith ProMax) *(22 34 30 16)*		
		Note: Includes glass lined tank, drain valve, temperature and pressure relief valve and vent connection. Excludes vent.		
22 34 30 16-0002	EA	40 Gallon, Direct-Vent, Gas Domestic Water Heater (A. O. Smith GDV-40)	2,984.50	227.23
22 34 30 16-0003	EA	50 Gallon, Direct-Vent, Gas Domestic Water Heater (A. O. Smith GDV-50)	3,411.92	232.99
22 34 30 16-0004	EA	75 Gallon, Direct-Vent, Gas Domestic Water Heater (A. O. Smith GDV-75)	4,461.59	238.74
22 34 30 19		**Residential, Power-Vent, Gas Domestic Water Heaters** *(22 34 30)*		
22 34 30 19-0001		Power-Vent, Gas Domestic Water Heaters (A.O. Smith ProMax) *(22 34 30 19)*		
		Note: Includes glass lined tank, drain valve, temperature and pressure relief valve and vent connection. Excludes vent.		
22 34 30 19-0002	EA	40 Gallon, Power-Vent, Gas Domestic Water Heater (A. O. Smith GPVH-40)	2,703.60	227.23
22 34 30 19-0003	EA	50 Gallon, Power-Vent, Gas Domestic Water Heater (A. O. Smith GPVH-50)	2,817.59	232.99
22 34 36		**Commercial Gas Domestic Water Heaters** *(22 34)*		
22 34 36 13		**Commercial, Atmospheric, Gas Domestic Water Heaters** *(22 34 36)*		
22 34 36 13-0001		Gas Fired Commercial Water Heaters (A.O. Smith BTR) *(22 34 36 13)*		
		Note: Includes automatic flue damper, glass lined tank, drain valve, temperature and pressure relief valve and vent connection. Excludes vent.		
22 34 36 13-0002	EA	120 MBH Input, 71 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-120)	6,785.26	345.18
22 34 36 13-0003	EA	154 MBH Input, 81 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-154)	7,238.11	402.70
22 34 36 13-0004	EA	180 MBH Input, 81 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-180)	8,961.28	460.23
22 34 36 13-0005	EA	199 MBH Input, 81 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-199)	7,742.34	460.23
22 34 36 13-0006	EA	199 MBH Input, 100 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-200)	8,911.49	460.23
22 34 36 13-0007	EA	199 MBH Input, 100 Gallon, ASME Rated Tank, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-200A)	11,899.81	506.26
22 34 36 13-0008	EA	250 MBH Input, 100 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-250)	8,619.62	517.76
22 34 36 13-0009	EA	250 MBH Input, 100 Gallon, ASME Rated Tank, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-250A)	12,814.38	569.53
22 34 36 13-0010	EA	251 MBH Input, 65 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-251)	8,754.70	517.76
22 34 36 13-0011	EA	251 MBH Input, 65 Gallon, ASME Rated Tank, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-251A)	12,219.35	569.53
22 34 36 13-0012	EA	275 MBH Input, 100 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-275)	9,692.41	632.82
22 34 36 13-0013	EA	275 MBH Input, 100 Gallon, ASME Rated Tank, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-275A)	13,356.98	696.10
22 34 36 13-0014	EA	305 MBH Input, 65 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-305)	10,914.63	632.82
22 34 36 13-0015	EA	305 MBH Input, 65 Gallon, ASME Rated Tank, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-305A)	13,437.39	696.10
22 34 36 13-0016	EA	365 MBH Input, 85 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-365)	10,547.31	690.34
22 34 36 13-0017	EA	365 MBH Input, 85 Gallon, ASME Rated Tank, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-365A)	14,834.42	759.38
22 34 36 13-0018	EA	390 MBH Input, 100 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-400)	13,425.89	690.34

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 34 36 13-0019	EA	390 MBH Input, 100 Gallon, ASME Rated Tank, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-400A)	17,600.49	759.38
22 34 36 13-0020	EA	500 MBH Input, 85 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-500)	17,529.22	747.88
22 34 36 13-0021	EA	150 MBH Input, 32 Gallon, Booster Type, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-151)	8,749.74	402.70
22 34 36 13-0022	EA	150 MBH Input, 32 Gallon, ASME Rated Tank, Booster Type, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-151A)	10,502.79	442.97
22 34 36 13-0023	EA	199 MBH Input, 32 Gallon, Booster Type, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-201)	9,089.93	460.23
22 34 36 13-0024	EA	199 MBH Input, 32 Gallon, ASME Rated Tank, Booster Type, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-201A)	10,902.74	506.26
22 34 36 13-0025	EA	Sidewall Power Vent System For BTR-120 through BTR-200	2,183.39	287.64
22 34 36 13-0026	EA	Sidewall Power Vent System For BTR-250 through BTR-500	2,392.45	287.64

22 34 36 13-0027 Removal And Reinstallation Of Water Heater *(22 34 36 13)*

Note: Includes storage and cleaning.

22 34 36 13-0028	EA	Removal And Reinstallation Of Water Heater Gas Fired, Up To 86 Gallon	522.99	
22 34 36 13-0029	EA	Removal And Reinstallation Of Water Heater Gas Fired, 87 Gallon To 200 Gallon	1,382.90	

22 34 36 19 Commercial, Power-Vent, Gas Domestic Water Heaters *(22 34 36)*

22 34 36 19-0001 Induced Draft Blower Gas Fired Commercial Water Heaters (A.O. Smith BTN) *(22 34 36 19)*

Note: Includes glass lined tank, drain valve, temperature and pressure relief valve and vent connection. Excludes vent.

22 34 36 19-0002	EA	90 MBH Input, 98 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-100)	5,514.80	345.18
22 34 36 19-0003	EA	120 MBH Input, 71 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-120)	7,910.99	345.18
22 34 36 19-0004	EA	154 MBH Input, 81 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-154)	9,650.32	402.70
22 34 36 19-0005	EA	180 MBH Input, 99 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-180)	10,038.76	460.23
22 34 36 19-0006	EA	199 MBH Input, 99 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-199)	10,087.01	460.23
22 34 36 19-0007	EA	199 MBH Input, 100 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-200)	10,312.15	460.23
22 34 36 19-0008	EA	199 MBH Input, 100 Gallon, ASME Rated Tank, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-200A)	12,108.87	506.26
22 34 36 19-0009	EA	250 MBH Input, 100 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-250)	11,376.04	517.76
22 34 36 19-0010	EA	250 MBH Input, 100 Gallon, ASME Rated Tank, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-250A)	14,004.43	569.53
22 34 36 19-0011	EA	275 MBH Input, 100 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-275)	11,911.70	632.82
22 34 36 19-0012	EA	275 MBH Input, 100 Gallon, ASME Rated Tank, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-275A)	14,611.36	696.10
22 34 36 19-0013	EA	310 MBH Input, 85 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-310)	12,169.01	632.82
22 34 36 19-0014	EA	310 MBH Input, 85 Gallon, ASME Rated Tank, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-310A)	14,772.18	696.10
22 34 36 19-0015	EA	366 MBH Input, 85 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-366)	13,651.03	690.34
22 34 36 19-0016	EA	366 MBH Input, 85 Gallon, ASME Rated Tank, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-366A)	16,056.64	759.38
22 34 36 19-0017	EA	390 MBH Input, 85 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-400)	16,561.84	690.34
22 34 36 19-0018	EA	390 MBH Input, 85 Gallon, ASME Rated Tank, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-400A)	19,112.18	759.38

22 34 36 19-0019 Condensing Gas Fired Commercial Water Heaters (A.O. Smith BTX And BTH) *(22 34 36 19)*

Note: Includes glass lined tank, drain valve, temperature and pressure relief valve and vent connection. Excludes vent.

22 34 36 19-0020	EA	76 MBH Input, 50 Gallon, 90% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTX-80)	4,260.42	345.18
22 34 36 19-0021	EA	100 MBH Input, 50 Gallon, 90% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTX-100)	5,739.94	345.18
22 34 36 19-0022	EA	120 MBH Input, 60 Gallon, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-120)	6,962.16	345.18
22 34 36 19-0023	EA	120 MBH Input, 60 Gallon, ASME Rated Tank, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-120A)	10,054.58	379.69
22 34 36 19-0024	EA	150 MBH Input, 100 Gallon, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-150)	10,293.59	402.70
22 34 36 19-0025	EA	150 MBH Input, 100 Gallon, ASME Rated Tank, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-150A)	12,995.47	442.97
22 34 36 19-0026	EA	199 MBH Input, 100 Gallon, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-199)	10,440.81	460.23
22 34 36 19-0027	EA	199 MBH Input, 100 Gallon, ASME Rated Tank, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-199A)	13,379.33	506.26
22 34 36 19-0028	EA	250 MBH Input, 100 Gallon, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-250)	12,067.55	517.76
22 34 36 19-0029	EA	250 MBH Input, 100 Gallon, ASME Rated Tank, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-250A)	14,695.95	569.53
22 34 36 19-0030	EA	300 MBH Input, 119 Gallon, ASME Rated Tank, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-300A)	19,242.92	696.10
22 34 36 19-0031	EA	399.9 MBH Input, 119 Gallon, ASME Rated Tank, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-400A)	20,221.82	759.38

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 34 36 19-0032	EA	499.9 MBH Input, 119 Gallon, ASME Rated Tank, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-500A)	23,275.27	822.66

22 34 36 23 Commercial, High-Efficiency, Gas Domestic Water Heaters *(22 34 36)*

22 34 36 23-0001 Gas Fired Domestic Hot Water Skid Package (Laars Mighty Therm) *(22 34 36 23)*

Note: Includes (2) Laars Mighty Therm boilers, (2) B&G boiler primary pumps (one per boiler), T&P valve, circuit setter, storage tank (sized for 10 minutes buffer based on 50 degree city water supply, and operating set point for the tank at 130 degrees storage), and all necessary accessories for system monitoring such as gauges and thermometers. UL listed and labeled. Excludes piping insulation or seismic calculations.

22 34 36 23-0002	EA	400 MBH x 2, Gas Fired Domestic Hot Water Skid Package (FlowTherm Systems FTDW-400)	95,001.16	1,541.81
22 34 36 23-0003	EA	1,000 MBH x 2, Gas Fired Domestic Hot Water Skid Package (FlowTherm Systems FTDW-1000)	114,982.03	1,638.17
22 34 36 23-0004	EA	2,000 MBH x 2, Gas Fired Domestic Hot Water Skid Package (FlowTherm Systems FTDW-2000)	139,841.42	1,734.53
22 34 36 23-0005	EA	3,000 MBH x 2, Gas Fired Domestic Hot Water Skid Package (FlowTherm Systems FTDW-3000)	167,299.44	1,830.89
22 34 36 23-0006	EA	4,000 MBH x 2, Gas Fired Domestic Hot Water Skid Package (FlowTherm Systems FTDW-4000)	175,353.16	1,927.25

22 34 36 23-0007 Gas Fired Water Heaters, High Efficiency (90%) *(22 34 36 23)*

Note: Includes relief valve, pump, flow switch, drain valve, low air pressure switch, hi limit reset switch and copper finned heat exchanger.

22 34 36 23-0008	EA	500 MBH Input, Domestic Hot Water Boiler, Natural Gas Fired, High Efficiency	23,878.54	1,051.63
		For Skid Mounting, Add	*950.00*	
22 34 36 23-0009	EA	750 MBH Input, Domestic Hot Water Boiler, Natural Gas Fired, High Efficiency	32,110.63	1,226.51
		For Skid Mounting, Add	*950.00*	
22 34 36 23-0010	EA	1,000 MBH Input, Domestic Hot Water Boiler, Natural Gas Fired, High Efficiency	37,681.34	1,471.36
		For Skid Mounting, Add	*950.00*	
22 34 36 23-0011	EA	1,200 MBH Input, Domestic Hot Water Boiler, Natural Gas Fired, High Efficiency	41,403.56	1,843.68
		For Skid Mounting, Add	*950.00*	
22 34 36 23-0012	EA	1,500 MBH Input, Domestic Hot Water Boiler, Natural Gas Fired, High Efficiency	46,294.20	2,025.01
		For Skid Mounting, Add	*950.00*	

22 34 36 23-0013 Gas Fired Volume Water Heater (Laars Mighty Therm) *(22 34 36 23)*

22 34 36 23-0014	EA	200 MBH Gas Fired Volume Water Heater (Laars MT2V0200)	11,662.15	849.11
22 34 36 23-0015	EA	300 MBH Gas Fired Volume Water Heater (Laars MT2V0300)	12,642.83	955.26
22 34 36 23-0016	EA	400 MBH Gas Fired Volume Water Heater (Laars MT2V0400)	14,621.08	1,167.54
22 34 36 23-0017	EA	500 MBH Gas Fired Volume Water Heater (Laars MT2V0500)	21,432.35	1,273.68
22 34 36 23-0018	EA	750 MBH Gas Fired Volume Water Heater (Laars MT2V0750)	23,547.83	1,485.95
22 34 36 23-0019	EA	1,000 MBH Gas Fired Volume Water Heater (Laars MT2V1000)	26,936.22	1,698.23
22 34 36 23-0020	EA	1,250 MBH Gas Fired Volume Water Heater (Laars MT2V1250)	29,746.21	1,910.51
22 34 36 23-0021	EA	1,500 MBH Gas Fired Volume Water Heater (Laars MT2V1500)	35,610.81	2,122.79
22 34 36 23-0022	EA	1,750 MBH Gas Fired Volume Water Heater (Laars MT2V1750)	36,944.04	2,228.92
22 34 36 23-0023	EA	2,000 MBH Gas Fired Volume Water Heater (Laars MT2V2000)	39,649.41	2,335.06

22 34 36 23-0024 Gas Fired Condensing Volume Water Heaters, High Efficiency (Laars NeoTherm) *(22 34 36 23)*

Note: Includes relief valve, pump, flow switch, drain valve, low air pressure switch, hi limit reset switch and copper finned heat exchanger.

22 34 36 23-0025	EA	150 MBH Gas Fired Condensing Volume Water Heater (Laars Neotherm NTV150)	18,459.68	636.73
		For Skid Mounting, Add	*950.00*	
22 34 36 23-0026	EA	199 MBH Gas Fired Condensing Volume Water Heater (Laars Neotherm NTV199)	21,439.46	849.11
		For Skid Mounting, Add	*950.00*	
22 34 36 23-0027	EA	285 MBH Gas Fired Condensing Volume Water Heater (Laars Neotherm NTV285)	28,087.51	955.26
		For Skid Mounting, Add	*950.00*	
22 34 36 23-0028	EA	399 MBH Gas Fired Condensing Volume Water Heater (Laars Neotherm NTV399)	35,276.12	1,167.54
		For Skid Mounting, Add	*950.00*	
22 34 36 23-0029	EA	500 MBH Gas Fired Condensing Volume Water Heater (Laars Neotherm NTV500)	41,694.69	1,273.68
		For Skid Mounting, Add	*950.00*	
22 34 36 23-0030	EA	600 MBH Gas Fired Condensing Volume Water Heater (Laars Neotherm NTV600)	47,158.45	1,379.81
		For Skid Mounting, Add	*950.00*	
22 34 36 23-0031	EA	750 MBH Gas Fired Condensing Volume Water Heater (Laars Neotherm NTV750)	56,635.96	1,485.95
		For Skid Mounting, Add	*950.00*	
22 34 36 23-0032	EA	850 MBH Gas Fired Condensing Volume Water Heater (Laars Neotherm NTV850)	62,776.03	1,592.09
		For Skid Mounting, Add	*950.00*	
22 34 36 23-0033	EA	1,000 MBH Gas Fired Condensing Volume Water Heater (Laars Neotherm NTV1000)	82,620.77	1,698.23
		For Skid Mounting, Add	*950.00*	
22 34 36 23-0034	EA	1,700 MBH Gas Fired Condensing Volume Water Heater (Laars Neotherm NTV1700)	111,072.00	2,228.92
		For Skid Mounting, Add	*950.00*	

22 34 36 26 Commercial, Coil-Type, Finned-Tube, Gas Domestic Water Heaters *(22 34 36)*

22 34 36 26-0001 Laars Rheos+ 90% Efficient, Gas Fired, Copper Fin Tube Condensing Water Heaters *(22 34 36 26)*

22 34 36 26-0002	EA	1,200 MBH 90% Efficient, Gas Fired, Copper Fin Tube Condensing Water Heater (Laars Rheos+)	36,491.43	1,613.32
22 34 36 26-0003	EA	1,600 MBH 90% Efficient, Gas Fired, Copper Fin Tube Condensing Water Heater (Laars Rheos+)	51,633.38	1,783.14
22 34 36 26-0004	EA	2,000 MBH 90% Efficient, Gas Fired, Copper Fin Tube Condensing Water Heater (Laars Rheos+)	56,039.25	1,868.05
22 34 36 26-0005	EA	2,400 MBH 90% Efficient, Gas Fired, Copper Fin Tube Condensing Water Heater (Laars Rheos+)	60,694.01	2,037.87

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 34 36 26-0006		**Laars Rheos 86% Efficient Gas Fired, Copper Fin Tube LoNox Water Heaters** *(22 34 36 26)*		
22 34 36 26-0007	EA	1,200 MBH 86% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Rheos)	32,328.09	1,613.32
22 34 36 26-0008	EA	1,600 MBH 86% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Rheos)	35,713.97	1,783.14
22 34 36 26-0009	EA	2,000 MBH 86% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Rheos)	39,057.91	1,868.05
22 34 36 26-0010	EA	2,400 MBH 86% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Rheos)	42,434.21	2,037.87
22 34 36 26-0011		**Laars Pennant 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heaters** *(22 34 36 26)*		
22 34 36 26-0012	EA	200 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant)	8,239.11	764.20
22 34 36 26-0013	EA	300 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant)	9,062.75	849.11
22 34 36 26-0014	EA	400 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant)	10,639.98	1,018.94
22 34 36 26-0015	EA	500 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant)	15,071.87	1,061.40
22 34 36 26-0016	EA	750 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant)	16,586.48	1,273.68
22 34 36 26-0017	EA	1,000 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant)	20,463.24	1,528.41
22 34 36 26-0018	EA	1,250 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant)	23,283.37	1,613.32
22 34 36 26-0019	EA	1,500 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant)	25,816.40	1,740.69
22 34 36 26-0020	EA	1,750 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant)	28,193.95	1,825.60
22 34 36 26-0021	EA	2,000 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant)	30,275.88	1,868.05
22 34 36 26-0022		**Patterson Kelley Thermific Sealed Combustion, Gas Fired, Copper Fin Tube Water Heaters** *(22 34 36 26)*		
22 34 36 26-0023	EA	700 MBH 85% Efficient, Sealed Combustion, Gas Fired, Copper Fin Tube Water Heater (Patterson Kelley Thermific)	23,570.07	1,273.68
22 34 36 26-0024	EA	1,000 MBH 85% Efficient, Sealed Combustion, Gas Fired, Copper Fin Tube Water Heater (Patterson Kelley Thermific)	25,977.00	1,528.41
22 34 36 26-0025	EA	1,500 MBH 85% Efficient, Sealed Combustion, Gas Fired, Copper Fin Tube Water Heater (Patterson Kelley Thermific)	31,107.35	1,740.69
22 34 36 26-0026	EA	1,700 MBH 85% Efficient, Sealed Combustion, Gas Fired, Copper Fin Tube Water Heater (Patterson Kelley Thermific)	32,062.35	1,825.60
22 34 36 26-0027	EA	2,000 MBH 85% Efficient, Sealed Combustion, Gas Fired, Copper Fin Tube Water Heater (Patterson Kelley Thermific)	33,542.87	1,868.05
22 34 36 26-0028		**Patterson Kelley Modufire Forced Draft, Water, Gas Fired, Copper Fin Tube Water Heaters** *(22 34 36 26)*		
22 34 36 26-0029	EA	1,000 MBH 85% Efficient, Forced Draft, Gas Fired, Copper Fin Tube Water Heater (Patterson Kelley Modufire)	28,348.28	1,528.41
22 34 36 26-0030	EA	1,500 MBH 85% Efficient, Forced Draft, Gas Fired, Copper Fin Tube Water Heater (Patterson Kelley Modufire)	34,253.90	1,740.69
22 34 36 26-0031	EA	2,000 MBH 85% Efficient, Forced Draft, Gas Fired, Copper Fin Tube Water Heater (Patterson Kelley Modufire)	36,358.02	1,868.05

22 34 46 Oil-Fired Domestic Water Heaters *(22 34)*

22 34 46 11 Standard-capacity, Oil-Fired Domestic Water Heaters *(22 34 46)*

22 34 46 11-0001 Oil-Fired Domestic Water Heaters (Bock) *(22 34 46 11)*

Note: Includes burner, glass lined tank, drain valve, temperature and pressure relief valve and vent connection. Excludes vent.

22 34 46 11-0002	EA	60 MBH, 20 Gallon, Oil-Fired Domestic Water Heater (Bock 20E)	2,232.94	177.19
22 34 46 11-0003	EA	104 MBH, 32 Gallon, Oil-Fired Domestic Water Heater (Bock 32E)	2,201.50	177.19
22 34 46 11-0004	EA	104 MBH, 33 Gallon, Oil-Fired Domestic Water Heater (Bock 33ES)	2,302.51	177.19
22 34 46 11-0005	EA	125 MBH, 40 Gallon, Oil-Fired Domestic Water Heater (Bock 40E)	2,434.39	181.79
22 34 46 11-0006	EA	140 MBH, 50 Gallon, Oil-Fired Domestic Water Heater (Bock 50ES)	3,122.48	186.39
22 34 46 11-0007	EA	152 MBH, 50 Gallon, Oil-Fired Domestic Water Heater (Bock 51E)	2,622.99	186.39

22 34 46 11-0008 Oil Fired Commercial Water Heaters *(22 34 46 11)*

Note: Includes burner, glass lined tank, drain valve, temperature and pressure relief valve and vent connection. Excludes vent.

22 34 46 11-0009	EA	173 MBH, 68 Gallon, Oil-Fired Commercial Water Heater (Bock 71E)	3,625.32	276.14
22 34 46 11-0010	EA	199 MBH, 67 Gallon, Oil-Fired Commercial Water Heater (Bock 72E)	4,282.92	276.14
22 34 46 11-0011	EA	242 MBH, 67 Gallon, Oil-Fired Commercial Water Heater (Bock 73E)	4,308.21	276.14
22 34 46 11-0012	EA	190 MBH, 113 Gallon, Oil-Fired Commercial Water Heater (Bock 120E)	6,220.78	368.18
22 34 46 11-0013	EA	415 MBH, 91 Gallon, Oil-Fired Commercial Water Heater (Bock 361E)	8,557.12	460.23
22 34 46 11-0014	EA	623 MBH, 83 Gallon, Oil-Fired Commercial Water Heater (Bock 541E)	10,810.00	506.26

22 35 Domestic Water Heat Exchangers *(22 30)*

22 35 23 Circulating, Domestic Water Heat Exchangers *(22 35)*

22 35 23 13 Circulating, Compact Domestic Water Heat Exchangers *(22 35 23)*

22 35 23 13-0001 Steam Driven Water Heaters *(22 35 23 13)*

22 35 23 13-0002 Constant Flow *(22 35 23 13-0001)*

22 35 23 13-0003	EA	30 GPM, 700 LB/Hour Steam Water Heater, Constant Flow	6,478.50	575.29
22 35 23 13-0004	EA	90 GPM, 1,250 LB/Hour Steam Water Heater, Constant Flow	8,091.51	704.96
22 35 23 13-0005	EA	140 GPM, 2,500 LB/Hour Steam Water Heater, Constant Flow	10,368.54	921.96

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 35 23 13-0006	EA	230 GPM, 5,000 LB/Hour Steam Water Heater, Constant Flow	14,030.47	1,284.16
22 35 23 13-0007	EA	500 GPM, 7,500 LB/Hour Steam Water Heater, Constant Flow	20,703.40	2,114.99
22 35 23 13-0008	EA	900 GPM, 10,000 LB/Hour Steam Water Heater, Constant Flow	22,563.40	2,397.00
22 35 23 13-0009	EA	1,400 GPM, 15,000 LB/Hour Steam Water Heater, Constant Flow	29,608.04	2,765.76
22 35 23 13-0010	EA	2,400 GPM, 20,000 LB/Hour Steam Water Heater, Constant Flow	35,624.91	3,268.67
22 35 23 13-0011		Variable Flow *(22 35 23 13-0001)*		
22 35 23 13-0012	EA	30 GPM, 700 LB/Hour Steam Water Heater, Variable Flow	9,760.40	1,121.81
22 35 23 13-0013	EA	90 GPM, 1,250 LB/Hour Steam Water Heater, Variable Flow	11,062.54	1,369.76
22 35 23 13-0014	EA	140 GPM, 2,500 LB/Hour Steam Water Heater, Variable Flow	14,111.85	1,771.19
22 35 23 13-0015	EA	230 GPM, 5,000 LB/Hour Steam Water Heater, Variable Flow	18,506.94	2,471.21
22 35 23 13-0016	EA	500 GPM, 7,500 LB/Hour Steam Water Heater, Variable Flow	27,618.94	4,132.87
22 35 23 13-0017	EA	900 GPM, 10,000 LB/Hour Steam Water Heater, Variable Flow	33,611.08	4,551.34
22 35 23 13-0018	EA	1,400 GPM, 15,000 LB/Hour Steam Water Heater, Variable Flow	38,934.65	5,326.71
22 35 23 13-0019	EA	2,400 GPM, 20,000 LB/Hour Steam Water Heater, Variable Flow	49,303.05	6,363.84

22 40 Plumbing Fixtures *(22)*

Note: The following Energy Policy Act Flow Rates Requirements superseded flow rates standards listed in section. Plumbing fixtures and trim should not exceed the maximum flow rates set forth in The Energy Policy Act 92. lavatory faucets - 2.5 gal/min, lavatory replacement aerators - 2.5 gal/min, kitchen faucets - 2.5 gal/min, kitchen replacement aerators - 2.5 gal/min, metering faucets - 0.25 gal/cycle, gravity tank-type toilets - 1.6 gal/flush, flushometer tank toilets - 1.6 gal/flush, electromechanical hydraulic toilets - 1.6 gal/flush, blowdown toilets - 3.5 gal/flush, urinals - 1.0 gal/flush.

22 41 Residential Plumbing Fixtures *(22 40)*

22 41 39 Residential Faucets, Supplies, and Trim *(22 41)*

22 41 39 00-0001		Residential Kitchen Faucets *(22 41 39)*		
22 41 39 00-0002	EA	Chrome Single Handle Kitchen Faucet (Delta 100LF-WF)	202.87	52.98
22 41 39 00-0003	EA	Chrome Single Handle Kitchen Faucet With Spray (Delta 400LF-WF)	234.72	52.98
22 41 39 00-0004	EA	Chrome Single Handle Kitchen Faucet With Integrated Spray (Delta 300LF-WF)	234.72	52.98
22 41 39 00-0005	EA	Chrome Two Handle Kitchen Faucet, Three Hole Installation 8"Center (Delta 2102LF-LHP+H215)	225.93	52.98
22 41 39 00-0006	EA	Chrome Two Handle Kitchen Faucet With Spray, Three Hole Installation, 8" Center (Delta 2402LF-LHP+H215)	243.04	52.98
22 41 39 00-0007		Residential Lavatory Faucets *(22 41 39)*		
22 41 39 00-0008	EA	Chrome, Single Acrylic Handle, Bath Faucet (Delta 502-DST)	185.77	38.14
		For Faucet With Brass Pop-Up, Add	*11.00*	
22 41 39 00-0009	EA	Chrome, Single Lever Handle, Lavatory Faucet (Delta 500-WF)	185.77	38.14
		For Faucet With Brass Pop-Up, Add	*11.00*	
22 41 39 00-0010	EA	Chrome, Two Handle, Bath Faucet With Acrylic Handles (Delta 2502LF)	133.38	38.14
		For Faucet With Brass Pop-Up, Add	*16.50*	
		For Faucet With Plastic Pop-Up, Add	*14.00*	
22 41 39 00-0011		Residential Bath And Shower Faucets *(22 41 39)*		
22 41 39 00-0012	EA	Single Lever Handle, Chrome Shower Only, Pressure Balanced/Anti-Scald Valve (American Standard T675.501)	242.03	45.98
		For Faucet With Polished Nickel Or Brass Finish, Add	*25.00*	
22 41 39 00-0013	EA	Single Lever Handle, Chrome Bath And Shower, Pressure Balanced/Anti-Scald Valve (American Standard T675.502)	285.60	45.98
		For Faucet With Polished Nickel Or Brass Finish, Add	*25.00*	
22 41 39 00-0014	EA	Two-Knob Handle Chrome Shower And Tub Filler, Ceramic Valving (American Standard Cadet 3275)	223.04	45.98
		For Faucet With Polished Nickel Or Brass Finish, Add	*75.00*	
		For Faucet With Lever Handles, Add	*8.10*	
22 41 39 00-0015	EA	Three-Knob Handle Chrome Shower And Tub Filler, Ceramic Valving (American Standard Cadet 3375)	246.50	45.98
		For Faucet With Polished Nickel Or Brass Finish, Add	*75.00*	
		For Faucet With Lever Handles, Add	*8.10*	
22 41 39 00-0016	EA	Hand Shower With Hose And 25" Slide Bar (American Standard 1662.602)	275.38	28.77
22 41 39 00-0017	EA	Wall Mount, Hand Shower With Hose (Delta 55011)	228.72	28.77
22 41 39 00-0018	EA	Wall Mount, Hand Shower Unit With Hose (Delta Faucet 62001 DS)	313.52	28.77
22 41 39 00-0019		Residential Laundry Faucets *(22 41 39)*		
22 41 39 00-0020	EA	Stream Straightener Nozzle Chrome Laundry Faucet, Lever Handles, 4" Center (Delta 2123LF)	159.85	33.82
22 41 39 00-0021		Residential Laundry/Wash Basin Faucets *(22 41 39)*		
22 41 39 00-0022	EA	Hose Thread Spout Chrome Laundry Faucet, Lever Handles, 4" Center (Delta 2121LF)	161.17	33.82
22 41 39 00-0023	EA	Hose Thread Spout With Vacuum Breaker Chrome Laundry Faucet, Lever Handles, 4" Center (Delta 2121LF+RP12503)	230.90	37.28
22 41 39 00-0024		Other Residential Faucets *(22 41 39)*		
22 41 39 00-0025	EA	Sillcock, Compact, Brass, IPS Or Copper To Hose	43.12	8.63

22 42 Commercial Plumbing Fixtures *(22 40)*

Note: Prices are for commercial grade unless otherwise indicated. Includes final connection and all associated trim (seat, supply stop and line, wax seal, valve). Excludes rough-in within the wall and carrier.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 13		**Commercial Water Closets, Urinals, and Bidets** *(22 42)*		
22 42 13 13		**Commercial Water Closets** *(22 42 13)*		
22 42 13 13-0001		Vitreous China Water Closets *(22 42 13 13)* Note: With a 2" ball pass.		
22 42 13 13-0002		Floor Mounted Elongated Vitreous China Water Closets *(22 42 13 13-0001)* Note: Includes wax seal and toilet seat. Excludes flush valve.		
22 42 13 13-0003	EA	Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, Elongated Vitreous China Water Closet (American Standard Madera™)	654.84	110.19
22 42 13 13-0004	EA	Flush Valve Type, Siphon Jet, Floor Mounted, Wall Outlet, Elongated Vitreous China Water Closet (American Standard Priolo™)	770.10	110.19
22 42 13 13-0005	EA	2 Piece Tank Type, Pressure Assisted, Siphon Jet, Floor Mounted, Wall Outlet, Elongated Vitreous China Water Closet (American Standard Yorkville™)	980.09	110.19
22 42 13 13-0006	EA	2 Piece Tank Type, Pressure Assisted, Siphon Jet, Floor Mounted, Floor Outlet, Elongated Vitreous China Water Closet (American Standard Cadet®)	882.71	110.19
22 42 13 13-0007		Wall Hung Elongated Vitreous China Water Closets *(22 42 13 13-0001)* Note: Includes wax seal and toilet seat. Excludes flush valve.		
22 42 13 13-0008	EA	Flush Valve Type, Siphon Jet, Wall Mounted, Wall Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard Afwall®)	755.84	135.62
22 42 13 13-0009	EA	Flush Valve Type, Siphon Jet, Wall Mounted, Wall Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard Afwall® ADA Retrofit)	923.65	135.62
22 42 13 13-0010	EA	2 Piece Tank Type, Pressure Assisted, Siphon Jet, Wall Mounted, Wall Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard Glenwall™)	1,151.52	135.62
22 42 13 13-0011	EA	Flush Valve Type, Blow Out, Wall Mounted, Wall Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (Kohler® Stratton™)	1,120.52	135.62
22 42 13 13-0012		Floor Mounted Elongated Handicapped Water Closets *(22 42 13 13-0001)* Note: Includes wax seal and toilet seat. Excludes flush valve.		
22 42 13 13-0013	EA	Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard Madera™ ADA)	663.15	110.19
22 42 13 13-0014	EA	Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard Colorado Right Height®)	677.73	110.19
22 42 13 13-0015	EA	Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard Right Width™ Right Height®)	741.98	110.19
22 42 13 13-0016	EA	Flush Valve Type, Siphon Jet, Floor Mounted, Wall Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard Huron)	821.47	110.19
22 42 13 13-0017	EA	Flush Valve Type, Siphon Jet, Floor Mounted, Wall Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard Priolo® ADA)	818.16	110.19
22 42 13 13-0018	EA	2 Piece Tank Type, Pressure Assisted, Siphon Jet, Floor Mounted, Back Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard Yorkville™ ADA)	1,071.86	110.19
22 42 13 13-0019	EA	2 Piece Tank Type, Pressure Assisted, Siphon Jet, Floor Mounted, Floor Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard Cadet Right Height™ ADA)	912.88	110.19
22 42 13 13-0020		Floor Mounted, 10" High Bowl, Children's Height Vitreous China Water Closets *(22 42 13 13-0001)* Note: Includes wax seal and toilet seat. Excludes flush valve.		
22 42 13 13-0021	EA	Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, 10" High Bowl, Children's Height, Elongated Vitreous China Water Closet (Kohler® Primary™)	736.82	110.19
22 42 13 13-0022	EA	Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, 10" High Bowl, Children's Height, Round Front Vitreous China Water Closet (American Standard Baby Devoro™)	670.43	110.19
22 42 13 13-0023	EA	2 Piece Tank Type, Siphon Jet, Floor Mounted, Floor Outlet, 10" High Bowl, Children's Height, Round Front Vitreous China Water Closet (American Standard Baby Devoro™)	773.78	110.19
22 42 13 13-0024		Stainless Steel Water Closets *(22 42 13 13)*		
22 42 13 13-0025	EA	Wall Hung Water Closet, Stainless Steel With Hinged Seat, Siphon Jet (Acorn 2105-T-1-HS)	3,158.44	238.40
22 42 13 13-0026	EA	Floor Mounted Water Closet, Stainless Steel With Hinged Seat, Siphon Jet (Acorn 2120-T-3-HS)	3,324.64	238.40
22 42 13 13-0027		Water Closet Carriers *(22 42 13 13)*		
22 42 13 13-0028		Pipe Grip Adaptor Type, Water Closet Carriers *(22 42 13 13-0027)* Note: Includes coated cast iron construction, plated hardware and adjustable feet. Excludes waste piping and fittings.		
22 42 13 13-0029	EA	Pipe Grip Adaptor Type, Water Closet Carrier	578.61	55.94
22 42 13 13-0030		No-Hub, Water Closet Carriers *(22 42 13 13-0027)* Note: Includes coated cast iron construction, ABS extension with integral test cap, plated hardware and neoprene fixture gasket. Includes buttress feet or pylon feet and anchor foot.		
22 42 13 13-0031	EA	Vertical Close With Offset, No-Hub, Single Water Closet Carrier	897.70	55.94
		For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct	*-78.30*	
		For Positioning Frame, Add	*50.56*	
		For Supply Pipe Support, Add	*51.73*	
		For Vandal Proof Trim, Add	*66.63*	
		For Auxiliary Inlet, Add	*219.76*	
		For Special Duty 500 LB Carrier, Add	*371.68*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 13 13-0032	EA	Vertical Close On Stack, No-Hub, Single Water Closet Carrier	897.70	55.94
		For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct	*-78.30*	
		For Positioning Frame, Add	*50.56*	
		For Supply Pipe Support, Add	*51.73*	
		For Vandal Proof Trim, Add	*66.63*	
		For Auxiliary Inlet, Add	*219.76*	
		For Special Duty 500 LB Carrier, Add	*371.68*	
22 42 13 13-0033	EA	Horizontal Adjustable, No-Hub, Single Water Closet Carrier	980.68	55.94
		For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct	*-78.30*	
		For Positioning Frame, Add	*50.56*	
		For Supply Pipe Support, Add	*51.73*	
		For Vandal Proof Trim, Add	*66.63*	
		For Auxiliary Inlet, Add	*219.76*	
		For Horizontal No Hub Cast Long Barrel, Add	*226.17*	
		For Carrier For Wide Chase Installations, Add	*297.48*	
		For Special Duty 1,000 LB Carrier, Add	*371.69*	
22 42 13 13-0034	EA	Vertical Adjustable On Stack, No-Hub, Single Water Closet Carrier	1,087.04	55.94
		For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct	*-78.30*	
		For Positioning Frame, Add	*50.56*	
		For Supply Pipe Support, Add	*51.73*	
		For Vandal Proof Trim, Add	*66.63*	
		For 4" Branch, Add	*173.58*	
		For Auxiliary Inlet, Add	*219.76*	
		For Carrier For Wide Chase Installations, Add	*297.48*	
		For Double 4" Branches, Add	*348.32*	
		For Special Duty 1,000 LB Carrier, Add	*371.69*	
22 42 13 13-0035	EA	Vertical Close With Offset, No-Hub, Double Water Closet (Back To Back) Carrier	1,494.93	82.11
		For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct	*-156.59*	
		For Positioning Frame, Add	*109.06*	
		For Supply Pipe Support, Add	*111.40*	
		For Vandal Proof Trim, Add	*133.26*	
		For Auxiliary Inlet, Add	*235.65*	
		For Special Duty 500 LB Carrier, Add	*743.35*	
22 42 13 13-0036	EA	Vertical Close On Stack, No-Hub, Double Water Closet (Back To Back) Carrier	1,537.02	82.11
		For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct	*-156.59*	
		For Positioning Frame, Add	*109.06*	
		For Supply Pipe Support, Add	*111.40*	
		For Vandal Proof Trim, Add	*133.26*	
		For Auxiliary Inlet, Add	*235.65*	
		For Special Duty 500 LB Carrier, Add	*743.35*	
22 42 13 13-0037	EA	Vertical Adjustable On Stack, No-Hub, Double Water Closet (Back To Back) Carrier	1,872.46	82.11
		For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct	*-156.59*	
		For Positioning Frame, Add	*109.06*	
		For Supply Pipe Support, Add	*111.40*	
		For Vandal Proof Trim, Add	*133.26*	
		For 4" Branch, Add	*181.53*	
		For Auxiliary Inlet, Add	*235.65*	
		For Double 4" Branches, Add	*364.21*	
		For Carrier For Wide Chase Installations, Add	*642.64*	
		For Special Duty 1,000 LB Carrier, Add	*743.37*	
22 42 13 13-0038	EA	Horizontal Adjustable, No-Hub, Double Water Closet (Back To Back) Carrier	1,762.59	82.11
		For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct	*-156.59*	
		For Positioning Frame, Add	*109.06*	
		For Supply Pipe Support, Add	*111.40*	
		For Vandal Proof Trim, Add	*133.26*	
		For Horizontal No Hub Cast Long Barrel, Add	*234.12*	
		For Carrier For Wide Chase Installations, Add	*642.64*	
		For Special Duty 1,000 LB Carrier, Add	*743.37*	

22 42 13 13-0039 Hub And Spigot, Water Closet Carriers *(22 42 13 13-0027)*

Note: Includes coated cast iron construction, ABS extension with integral test cap, plated hardware and neoprene fixture gasket. Includes buttress feet or pylon feet and anchor foot.

22 42 13 13-0040	EA	Vertical Close With Offset, Hub And Spigot, Single Water Closet Carrier	1,043.83	55.94
		For Positioning Frame, Add	*50.56*	
		For Supply Pipe Support, Add	*51.73*	
		For Vandal Proof Trim, Add	*66.63*	
		For Hanger Type Closet Adapter, Add	*167.14*	
		For Auxiliary Inlet, Add	*219.76*	
22 42 13 13-0041	EA	Vertical Close On Stack, Hub And Spigot, Single Water Closet Carrier	897.70	55.94
		For Positioning Frame, Add	*50.56*	
		For Supply Pipe Support, Add	*51.73*	
		For Vandal Proof Trim, Add	*66.63*	
		For Auxiliary Inlet, Add	*219.76*	
		For Special Duty 500 LB Carrier, Add	*371.68*	
22 42 13 13-0042	EA	Vertical Adjustable On Stack, Hub And Spigot, Single Water Closet Carrier	1,126.78	55.94
		For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct	*-78.30*	
		For Positioning Frame, Add	*50.56*	
		For Supply Pipe Support, Add	*51.73*	
		For Vandal Proof Trim, Add	*66.63*	
		For 4" Branch, Add	*173.58*	
		For Auxiliary Inlet, Add	*219.76*	
		For Carrier For Wide Chase Installations, Add	*297.48*	
		For Double 4" Branches, Add	*348.32*	
		For Special Duty 1,000 LB Carrier, Add	*371.69*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 13 13-0043	EA	Vertical Close With Offset, Hub And Spigot, Double Water Closet (Back To Back) Carrier	1,744.97	82.11
		For Positioning Frame, Add	*109.06*	
		For Supply Pipe Support, Add	*111.40*	
		For Vandal Proof Trim, Add	*133.26*	
		For Auxiliary Inlet, Add	*235.65*	
		For Hanger Type Closet Adapter, Add	*334.28*	
22 42 13 13-0044	EA	Vertical Adjustable On Stack, Hub And Spigot, Double Water Closet (Back To Back) Carrier	1,912.20	82.11
		For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct	*-156.59*	
		For Positioning Frame, Add	*109.06*	
		For Supply Pipe Support, Add	*111.40*	
		For Vandal Proof Trim, Add	*133.26*	
		For 4" Branch, Add	*181.53*	
		For Auxiliary Inlet, Add	*235.65*	
		For Double 4" Branches, Add	*364.21*	
		For Carrier For Wide Chase Installations, Add	*642.64*	
		For Special Duty 1,000 LB Carrier, Add	*743.37*	

22 42 13 13-0045 Floor Mount Polyvinyl Chloride (PVC) Adaptor Type, Water Closet Carriers
(22 42 13 13-0027)

Note: Includes coated cast iron construction, plastic fitting adaptor with extension and plated hardware.

22 42 13 13-0046	EA	Vertical On Stack, Floor Mount Polyvinyl Chloride (PVC) Adaptor Type, Single Water Closet Carrier	693.15	55.94
		For Positioning Frame, Add	*50.56*	
		For Supply Pipe Support, Add	*51.73*	
		For Vandal Proof Trim, Add	*66.63*	
		For Hanger Type Closet Adapter, Add	*167.14*	

22 42 13 13-0047 Institutional Water Closet Carriers *(22 42 13 13-0027)*

Note: Includes coated cast iron construction, ABS extension with integral test cap, buttress feet, plated hardware and neoprene fixture gasket.

22 42 13 13-0048	EA	Vertical On Stack, No-Hub, 90 Degree Institutional, Double Waste Fitting With Vent And Carrier, Water Closet Carrier	2,454.53	82.11
		For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct	*-156.59*	
		For Positioning Frame, Add	*109.06*	
		For Supply Pipe Support, Add	*111.40*	
		For Vandal Proof Trim, Add	*133.26*	
		For Auxiliary Inlet, Add	*235.65*	

22 42 13 13-0049 Removal And Reinstallation Of Fixtures And Trim *(22 42 13 13)*

Note: Includes storage, cleaning and supply materials for reconnecting pipe to fixture.

22 42 13 13-0050	EA	Removal And Reinstallation Of Wall Hung Water Closet With Tank	484.23
22 42 13 13-0051	EA	Removal And Reinstallation Of Wall Hung Water Closet With Flush Valve	484.23
22 42 13 13-0052	EA	Removal And Reinstallation Of Floor Mount Water Closet With Tank	372.38
22 42 13 13-0053	EA	Removal And Reinstallation Of Floor Mount Water Closet With Flush Valve	372.38

22 42 13 16 Commercial Urinals *(22 42 13)*

22 42 13 16-0001 Vitreous China Urinals *(22 42 13 16)*

Note: Excludes flush valve unless indicated otherwise.

22 42 13 16-0002 Wall Hung Urinals *(22 42 13 16-0001)*

22 42 13 16-0003	EA	Wall Hung Washout, Vitreous China Urinal (American Standard Maybrook™)	586.10	113.37
22 42 13 16-0004	EA	Wall Hung, Washout, Vitreous China Urinal With Top Spud (American Standard Washbrook®)	711.79	113.37
22 42 13 16-0005	EA	Wall Hung, Blowout, Vitreous China Urinal (American Standard Lynbrook™)	776.68	113.37
22 42 13 16-0006	EA	Wall Hung Siphon Jet, Vitreous China Urinal (American Standard Trimbrook™)	709.74	113.37
22 42 13 16-0007	EA	Wall Hung, Siphon Jet, Vitreous China Urinal (American Standard Allbrook™)	603.64	113.37

22 42 13 16-0008 Floor Mounted Urinals *(22 42 13 16-0001)*

22 42 13 16-0009	EA	Washout, Floor Mounted, Vitreous China Urinal (American Standard Stallbrook™)	979.13	143.03

22 42 13 16-0010 Waterfree Urinals *(22 42 13 16-0001)*

22 42 13 16-0011	EA	Waterfree, Wall Hung, Vitreous China Urinal (American Standard Large FloWise® Flush-Free)	642.61	79.47
		For Colored Fixtures, Add	*66.90*	
		For >1, Deduct	*-43.06*	
22 42 13 16-0012	EA	Waterfree, Wall Hung, Vitreous China Urinal (SLOAN WES-1000)	1,213.01	79.47
		For Colored Fixtures, Add	*66.90*	
		For >1, Deduct	*-108.09*	
22 42 13 16-0013	EA	Waterfree, Wall Hung, Vitreous China Urinal (Falcon F-2000)	1,044.62	79.47
		For Colored Fixtures, Add	*66.90*	
		For >1, Deduct	*-88.89*	
22 42 13 16-0014	EA	Waterfree, Wall Hung, Vitreous China Urinal (Falcon F-4000)	801.01	79.47
		For Colored Fixtures, Add	*66.90*	
		For >1, Deduct	*-61.12*	
22 42 13 16-0015	EA	Waterfree, Wall Hung, Vitreous China Urinal (Falcon F-5000)	801.01	79.47
		For Colored Fixtures, Add	*66.90*	
		For >1, Deduct	*-61.12*	
22 42 13 16-0016	EA	Waterfree, Wall Hung, Vitreous China Urinal (Falcon F-7000)	992.58	79.47
		For Colored Fixtures, Add	*66.90*	
		For >1, Deduct	*-82.96*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 13 16-0017	EA	Waterfree, Wall Hung, Stainless Steel Urinal (Falcon F-9000)	1,504.40	79.47
		For >1, Deduct	*-141.31*	

22 42 13 16-0018 Stainless Steel Urinals *(22 42 13 16)*

22 42 13 16-0019	EA	Wall Hung Urinal, Stainless Steel, Blowout Jet (Acorn 2160-T-1)	3,251.93	238.40
22 42 13 16-0020	EA	5' Wall Hung Trough Urinal, Stainless Steel With Strainer And Washdown Pipe (Elkay EU6014C)	4,211.45	291.37

22 42 13 16-0021 Urinal Carriers *(22 42 13 16)*

22 42 13 16-0022 Floor Mounted, Urinal Carriers *(22 42 13 16-0021)*

Note: Includes adjustable supporting rods, structural uprights and welded feet.

22 42 13 16-0023	EA	Floor Mounted Hanger Plate Type, Single Urinal Carrier	581.81	40.27
		For Up To 4" Extension Sleeves And Hardware, Add	*24.54*	
22 42 13 16-0024	EA	Floor Mounted Bearing Plate Type, Single Urinal Carrier	549.52	40.27
		For Up To 4" Extension Sleeves And Hardware, Add	*24.54*	

22 42 13 16-0025 Wall Mounted, Urinal Carriers *(22 42 13 16-0021)*

Note: Includes wall plate and adjustable supporting rods.

22 42 13 16-0026	EA	Wall Mounted Hanger Plate Type, Single Urinal Carrier	228.10	40.27
		For Up To 6-1/2" Extension Sleeves And Hardware, Add	*24.54*	

22 42 13 16-0027 Removal And Reinstallation Of Fixtures And Trim *(22 42 13 16)*

Note: Includes storage, cleaning and supply materials for reconnecting pipe to fixture.

22 42 13 16-0028	EA	Removal And Reinstallation Of Wall Hung Urinal With Flush Valve	482.68	

22 42 16 Commercial Lavatories and Sinks *(22 42)*

22 42 16 13 Commercial Lavatories *(22 42 16)*

22 42 16 13-0001 Lavatories *(22 42 16 13)*

Note: Includes trap, drain and supply valves. Excludes faucets. See CSI section 22 42 39 00-0000 for faucets.

22 42 16 13-0002 Wall Hung Lavatories *(22 42 16 13-0001)*

22 42 16 13-0003	EA	19" x 17" Porcelain Enameled Cast Iron Wall Hung Lavatory (American Standard Regalyn™)	605.35	70.99
22 42 16 13-0004	EA	20" x 18" Porcelain Enameled Cast Iron Wall Hung Lavatory (American Standard Regalyn™)	632.15	70.99
22 42 16 13-0005	EA	22" x 19" Porcelain Enameled Cast Iron Wall Hung Lavatory (Kohler® Hampton™)	782.29	70.99
22 42 16 13-0006	EA	18" x 16" Vitreous China Wall Hung Lavatory (American Standard Penlyn™)	556.47	70.99
22 42 16 13-0007	EA	19" x 17" Vitreous China Wall Hung Lavatory (American Standard Declyn™)	481.58	70.99
22 42 16 13-0008	EA	20" x 18" Vitreous China Wall Hung Lavatory (Kohler® Soho®)	604.91	70.99
22 42 16 13-0009	EA	27" x 20" Wheelchair Accessible, Vitreous China Wall Hung Lavatory (American Standard Wheel Chair Users)	710.20	70.99

22 42 16 13-0010 Countertop Lavatories *(22 42 16 13-0001)*

22 42 16 13-0011	EA	21" x 18" Vitreous China Countertop Lavatory (American Standard Cadet™ Oval)	585.63	85.82
22 42 16 13-0012	EA	19" x 16" Enameled Cast Iron Countertop Lavatory (Kohler® Farmington™)	619.75	85.82
22 42 16 13-0013	EA	19" x 16" Enameled Cast Iron Countertop Lavatory (Kohler® Ellington™)	656.16	85.82
22 42 16 13-0014	EA	24" x 18" Enameled Cast Iron Countertop Lavatory (Kohler® Thoreau®)	855.73	92.71

22 42 16 13-0015 Pedestal Lavatories *(22 42 16 13-0001)*

22 42 16 13-0016	EA	19" x 24" x 35" High Vitreous China Pedestal Sink (American Standard Cadet™)	692.38	203.96

22 42 16 13-0017 Cultured Marble Vanity Tops *(22 42 16 13-0001)*

Note: Includes predrilled holes for faucet.

22 42 16 13-0018	EA	25" x 19" Cultured Marble Vanity Top With Integrated Backsplash And Sink	410.11	79.47
22 42 16 13-0019	EA	31" x 19" Cultured Marble Vanity Top With Integrated Backsplash And Sink	461.78	84.76
22 42 16 13-0020	EA	37" x 19" Cultured Marble Vanity Top With Integrated Backsplash And Sink	555.10	90.06
22 42 16 13-0021	EA	49" x 19" Cultured Marble Vanity Top With Integrated Backsplash And Sink	759.29	95.36
22 42 16 13-0022	EA	25" x 22" Cultured Marble Vanity Top With Integrated Backsplash And Sink	440.37	79.47
22 42 16 13-0023	EA	31" x 22" Cultured Marble Vanity Top With Integrated Backsplash And Sink	470.30	84.76
22 42 16 13-0024	EA	37" x 22" Cultured Marble Vanity Top With Integrated Backsplash And Sink	605.45	90.06
22 42 16 13-0025	EA	43" x 22" Cultured Marble Vanity Top With Integrated Backsplash And Sink	659.24	92.71
22 42 16 13-0026	EA	49" x 22" Cultured Marble Vanity Top With Integrated Backsplash And Sink	738.00	95.36

22 42 16 13-0027 Quartz Vanity Tops *(22 42 16 13-0001)*

Note: Includes predrilled holes for faucet.

22 42 16 13-0028	EA	25" x 22" Quartz Vanity Top With Integrated Backsplash And Sink	806.31	79.47
22 42 16 13-0029	EA	31" x 22" Quartz Vanity Top With Integrated Backsplash And Sink	840.10	84.76
22 42 16 13-0030	EA	37" x 22" Quartz Vanity Top With Integrated Backsplash And Sink	961.05	90.06
22 42 16 13-0031	EA	43" x 22" Quartz Vanity Top With Integrated Backsplash And Sink	967.94	92.71
22 42 16 13-0032	EA	49" x 22" Quartz Vanity Top With Integrated Backsplash And Sink	1,053.40	95.36
22 42 16 13-0033	EA	61" x 22" Quartz Vanity Top With Integrated Backsplash And Two Sinks	1,399.55	100.65
22 42 16 13-0034	EA	73" x 22" Quartz Vanity Top With Integrated Backsplash And Two Sinks	1,646.36	105.94
22 42 16 13-0035	EA	22" End Splash For Quartz Vanity Tops	44.30	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 16 13-0036		**Solid Surface Vanity Tops** *(22 42 16 13-0001)*		
		Note: Includes predrilled holes for faucet.		
22 42 16 13-0037	EA	25" x 22" Solid Surface Vanity Top With Integrated Backsplash And Sink	681.33	79.47
22 42 16 13-0038	EA	31" x 22" Solid Surface Vanity Top With Integrated Backsplash And Sink	761.36	84.76
22 42 16 13-0039	EA	37" x 22" Solid Surface Vanity Top With Integrated Backsplash And Sink	852.10	90.06
22 42 16 13-0040	EA	43" x 22" Solid Surface Vanity Top With Integrated Backsplash And Sink	934.86	92.71
22 42 16 13-0041	EA	49" x 22" Solid Surface Vanity Top With Integrated Backsplash And Sink	1,010.54	95.36
22 42 16 13-0042	EA	55" x 22" Solid Surface Vanity Top With Integrated Backsplash And Sink	1,110.23	98.00
22 42 16 13-0043	EA	61" x 22" Solid Surface Vanity Top With Integrated Backsplash And Sink	1,232.53	100.65
22 42 16 13-0044	EA	61" x 22" Solid Surface Vanity Top With Integrated Backsplash And Two Sinks	1,262.88	100.65
22 42 16 13-0045	EA	73" x 22" Solid Surface Vanity Top With Integrated Backsplash And Two Sinks	1,360.72	105.94
22 42 16 13-0046	EA	22" End Splash For Solid Surface Vanity Tops	65.61	
22 42 16 13-0047		**Solid Surface Multi-Station Lavatory Systems** *(22 42 16 13-0001)*		
		Note: ADA compliant. Includes integral faucets.		
22 42 16 13-0048	EA	2 Station, Solid Surface Multi-Station Lavatory System With Integral Sprayheads And Infrared Controls (Bradley MG-2)	6,804.35	157.05
		For Integral Liquid Soap Dispenser, Add	*171.00*	
		For Integral Photovoltaic Power Panels, Add	*563.00*	
22 42 16 13-0049	EA	3 Station, Solid Surface Multi-Station Lavatory System With Integral Sprayheads And Infrared Controls (Bradley MG-3)	9,990.07	157.05
		For Integral Liquid Soap Dispenser, Add	*171.00*	
		For Integral Photovoltaic Power Panels, Add	*657.00*	
22 42 16 13-0050	EA	12" Length, Solid Surface Countertop Extension (Bradley MG-EXT-12)	455.93	52.35
22 42 16 13-0051	EA	18" Length, Solid Surface Countertop Extension (Bradley MG-EXT-18)	566.98	52.35
22 42 16 13-0052	EA	36" Length, Solid Surface Countertop Extension (Bradley MG-EXT-36)	1,132.57	52.35
22 42 16 13-0053		**Stainless Steel Lavatories** *(22 42 16 13-0001)*		
22 42 16 13-0054	EA	18" x 15" Wall Mounted Lavatory, Stainless Steel (Acorn 1950-1)	1,699.22	185.42
22 42 16 13-0055		**Lavatory Carriers** *(22 42 16 13)*		
22 42 16 13-0056		**Floor Mounted, Lavatory Carriers** *(22 42 16 13-0055)*		
22 42 16 13-0057		**Floor Mounted Plate Type, Lavatory Carriers** *(22 42 16 13-0056)*		
		Note: Includes adjustable supporting rods, structural uprights and welded feet.		
22 42 16 13-0058	EA	Floor Mounted Hanger Plate Type, Single Lavatory Carrier	581.81	40.27
		For Up To 4" Extension Sleeves And Hardware, Add	*24.54*	
		For Valve Plate For Attaching To Upright, Add	*87.09*	
		For Corner Carrier, Add	*169.51*	
22 42 16 13-0059	EA	Floor Mounted Bearing Plate Type, Single Lavatory Carrier	549.52	40.27
		For Up To 4" Extension Sleeves And Hardware, Add	*24.54*	
		For Valve Plate For Attaching To Upright, Add	*87.09*	
22 42 16 13-0060	EA	Floor Mounted Hanger Plate Type, Double Lavatory (Back To Back) Carrier	627.83	40.27
		For Up To 4" Extension Sleeves And Hardware, Add	*49.08*	
		For Valve Plate For Attaching To Upright, Add	*174.17*	
22 42 16 13-0061	EA	Floor Mounted Bearing Plate Type, Double Lavatory (Back To Back) Carrier	717.83	40.27
		For Up To 4" Extension Sleeves And Hardware, Add	*49.08*	
		For Valve Plate For Attaching To Upright, Add	*174.17*	
22 42 16 13-0062		**Floor Mounted, Lavatory Carriers With Arms** *(22 42 16 13-0056)*		
		Note: Includes leveling and securing screws, structural uprights and welded feet.		
22 42 16 13-0063	EA	Floor Mounted, Single Lavatory Carrier With Concealed Arms	750.34	47.68
		For Up To 6-1/2" Extension Sleeves And Hardware, Add	*24.54*	
		For Concealed Arm Carrier For Wheelchair Lavatory, Add	*33.90*	
		For Valve Plate For Attaching To Upright, Add	*89.21*	
		For 2" Chrome Plated Escutcheons, Add	*82.98*	
		For 4" Or 6" Chrome Plated Escutcheons, Add	*150.77*	
22 42 16 13-0064	EA	Floor Mounted, Single Lavatory Carrier With Exposed Acid Resistant White Coated Arms	864.07	47.68
		For Up To 4-1/2" Extension Sleeves And Hardware, Add	*24.54*	
		For Vandal Proof Trim, Add	*66.63*	
		For Valve Plate For Attaching To Upright, Add	*89.21*	
		For Heavy Duty Carrier, Add	*85.32*	
22 42 16 13-0065	EA	Floor Mounted, Double Lavatory (Back To Back) Carrier With Concealed Arms	1,007.15	47.68
		For Up To 6-1/2" Extension Sleeves And Hardware, Add	*49.08*	
		For Concealed Arm Carrier For Wheelchair Lavatory, Add	*67.80*	
		For Valve Plate For Attaching To Upright, Add	*178.41*	
		For 2" Chrome Plated Escutcheons, Add	*165.97*	
		For 4" Or 6" Chrome Plated Escutcheons, Add	*301.55*	
22 42 16 13-0066	EA	Floor Mounted, Double Lavatory (Back To Back) Carrier With Exposed Acid Resistant White Coated Arms	1,274.33	47.68
		For Up To 4-1/2" Extension Sleeves And Hardware, Add	*49.08*	
		For Vandal Proof Trim, Add	*133.26*	
		For Valve Plate For Attaching To Upright, Add	*178.41*	
		For Heavy Duty Carrier, Add	*170.64*	
22 42 16 13-0067		**Wall Mounted, Lavatory Carriers** *(22 42 16 13-0055)*		
22 42 16 13-0068		**Wall Mounted Plate Type, Lavatory Carriers** *(22 42 16 13-0067)*		
		Note: Includes wall plate and adjustable supporting rods.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 16 13-0069	EA	Wall Mounted Hanger Plate Type, Single Lavatory Carrier	228.10	40.27
		For Double Plate Carrier, Add	*67.52*	

22 42 16 13-0070 Wall Mounted Plate Type, Lavatory Carriers With Arms *(22 42 16 13-0067)*

Note: Includes wall plate and leveling and securing screws.

22 42 16 13-0071	EA	Wall Mounted Fixed Steel Plate Type, Single Lavatory Carrier With Concealed Arms	376.69	47.68
		For Up To 4" Extension Sleeves And Hardware, Add	*24.54*	
		For 2" Chrome Plated Escutcheons, Add	*82.98*	
22 42 16 13-0072	EA	Wall Mounted Adjustable Plate Type, Single Lavatory Carrier With Concealed Arms	442.14	47.68
		For Movable Mounting Brackets, Deduct	*-63.12*	
		For Up To 4" Extension Sleeves And Hardware, Add	*24.54*	
		For 2" Chrome Plated Escutcheons, Add	*82.98*	
		For 4" Or 6" Chrome Plated Escutcheons, Add	*150.77*	
22 42 16 13-0073	EA	Wall Mounted Adjustable Plate Type, Single Lavatory Carrier With Exposed Acid Resistant White Coated Arms	644.34	47.68
		For Up To 4-1/2" Extension Sleeves And Hardware, Add	*24.54*	
		For Vandal Proof Trim, Add	*66.63*	

22 42 16 13-0074 Removal And Reinstallation Of Lavatory And Trim *(22 42 16 13)*

Note: Includes storage, cleaning and supply materials for reconnecting pipe to fixture.

22 42 16 13-0075	EA	Removal And Reinstallation Of Wall Hung Lavatory With Faucet	311.63	

22 42 16 16 Commercial Sinks *(22 42 16)*

22 42 16 16-0001 Sinks *(22 42 16 16)*

Note: Includes drain, trap and supply valves. Excludes faucets. See CSI section 22 42 39 00-0000 for faucets.

22 42 16 16-0002 Kitchen Sinks *(22 42 16 16-0001)*

22 42 16 16-0003	EA	15" x 17" x 7-1/4" Stainless Steel Kitchen Sink, Single Bowl, 20 Gauge (Elkay PSR1517)	914.61	97.48
		For 18 Gauge, Add	*258.64*	
22 42 16 16-0004	EA	17" x 22" x 7-1/4" Stainless Steel Kitchen Sink, Single Bowl, 20 Gauge (Elkay PSR1722)	937.35	97.48
		For 18 Gauge, Add	*270.01*	
22 42 16 16-0005	EA	22" x 22" x 7-1/4" Stainless Steel Kitchen Sink, Single Bowl, 20 Gauge (Elkay PSR2222)	988.52	97.48
		For 18 Gauge, Add	*295.60*	
22 42 16 16-0006	EA	25" x 22" x 7-1/2" Stainless Steel Kitchen Sink, Single Bowl, 20 Gauge (Elkay PSR2522)	1,035.33	99.59
		For 18 Gauge, Add	*312.65*	
22 42 16 16-0007	EA	31" x 22" x 7-1/4" Stainless Steel Kitchen Sink, Single Bowl, 20 Gauge (Elkay PSR3122)	1,299.38	113.37
		For 18 Gauge, Add	*424.45*	
22 42 16 16-0008	EA	33" x 21" x 7-1/2" Stainless Steel Kitchen Sink, Double Bowl, 20 Gauge (Elkay PSR3321)	1,326.83	113.37
		For 18 Gauge, Add	*437.99*	
22 42 16 16-0009	EA	15" x 17" x 10" Stainless Steel Kitchen Sink, Single Bowl, 18 Gauge (Elkay DLR151710)	1,283.18	97.48
22 42 16 16-0010	EA	17" x 22" x 10" Stainless Steel Kitchen Sink, Single Bowl, 18 Gauge (Elkay DLR172210)	1,308.76	97.48
22 42 16 16-0011	EA	22" x 22" x 10" Stainless Steel Kitchen Sink, Single Bowl, 18 Gauge (Elkay DLR222210)	1,373.19	97.48
22 42 16 16-0012	EA	25" x 22" x 10" Stainless Steel Kitchen Sink, Single Bowl, 18 Gauge (Elkay DLR252210)	1,460.74	99.59
22 42 16 16-0013	EA	31" x 22" x 11-1/2" Stainless Steel Kitchen Sink, Single Bowl, 18 Gauge (Elkay DLR312210)	1,762.69	113.37

22 42 16 16-0014 Undermount Kitchen Sinks *(22 42 16 16-0001)*

22 42 16 16-0015	EA	21" x 15" x 7-1/2" Stainless Steel Kitchen Sink, Single Bowl, 18 Gauge (Elkay ELU2115) With Strainer (Elkay LK99)	1,146.67	97.48
22 42 16 16-0016	EA	21" x 15" x 10" Stainless Steel Kitchen Sink, Single Bowl, 18 Gauge (Elkay ELU211510) With Strainer (Elkay LK99)	1,143.90	97.48
22 42 16 16-0017	EA	21" x 15" x 7-1/2" Stainless Steel Kitchen Sink With Cutting Board, Single Bowl, 18 Gauge (Elkay ELUH2115) With Strainer (Elkay LK99)	1,156.14	97.48
22 42 16 16-0018	EA	21" x 15" x 10" Stainless Steel Kitchen Sink With Cutting Board, Single Bowl, 18 Gauge (Elkay ELUH211510) With Strainer (Elkay LK99)	1,220.57	97.48

22 42 16 16-0019 Multi-Station Wash Sink, Wall Mounted *(22 42 16 16-0001)*

Note: Includes concealed wall hanger, soap dish(s), strainer, supply lines and P-Trap. Excludes faucets.

22 42 16 16-0020	EA	36" Wide, 2 Station Enameled Cast Iron Multi-Station Wash Sink (Kohler® Brockway™) Note: Excludes faucets.	1,945.42	172.18
22 42 16 16-0021	EA	48" Wide, 2 Station Enameled Cast Iron Multi-Station Wash Sink (Kohler® Brockway™) Note: Excludes faucets.	2,569.38	185.42
22 42 16 16-0022	EA	60" Wide, 3 Station Enameled Cast Iron Multi-Station Wash Sink (Kohler® Brockway™) Note: Excludes faucets.	2,942.38	198.66
22 42 16 16-0023	EA	48" Wide, 2 Station Stainless Steel Multi-Station Wash Sink (Bradley 6951) Note: Excludes faucets.	2,344.45	132.45
22 42 16 16-0024	EA	62" Wide, 3 Station Stainless Steel Multi-Station Wash Sink (Bradley 6951) Note: Excludes faucets.	2,600.21	145.68
22 42 16 16-0025	EA	80" Wide, 4 Station Stainless Steel Multi-Station Wash Sink (Bradley 6951) Note: Excludes faucets.	2,850.88	158.93
22 42 16 16-0026	EA	102" Wide, 5 Station Stainless Steel Multi-Station Wash Sink (Bradley 6951) Note: Excludes faucets.	3,161.14	178.80
22 42 16 16-0027	EA	27" Diameter, 2 Person, Stainless Steel, Sensor Operated Compact Wash Fountain Note: Includes sensor operated spray heads.	3,022.02	291.37

22 42 16 16-0028 Refinish Sink/Lavatory *(22 42 16 16-0001)*

22 42 16 16-0029	EA	Refinish Sink/Lavatory	244.65	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 16 16-0030		**Service Sinks** *(22 42 16 16-0001)*		
22 42 16 16-0031	EA	12" x 12" x 10" Cast Iron Floor Sink With Dome Strainer And Full Grate (Zurn FD2377-PO3-F)	589.82	158.93
22 42 16 16-0032	EA	24" x 24" x 10" Plastic Composite Mop Service Sink With Combination Dome Strainer And Stainless Steel Lint Basket (Fiat Products MSB2424)	674.88	158.93
22 42 16 16-0033	EA	36" x 24" x 10" Plastic Composite Mop Service Sink With Combination Dome Strainer And Stainless Steel Lint Basket (Fiat Products MSB3624)	743.23	190.71
22 42 16 16-0034	EA	24" x 24" x 10" Molded Stone Mop Service Sink With Strainer (Swanstone MS-2424-010)	608.33	158.93
22 42 16 16-0035	EA	36" x 24" x 10" Molded Stone Mop Service Sink With Strainer (Swanstone MS-2436-010)	692.00	190.71
22 42 16 16-0036	EA	24" x 24" x 12" Terrazzo Mop Service Sink With Strainer (Acorn TSH-24)	979.03	158.93
22 42 16 16-0037	EA	36" x 24" x 12" Terrazzo Mop Service Sink With Strainer (Acorn TSH-3624)	1,209.11	190.71
22 42 16 16-0038		**Soapstone Sinks** *(22 42 16 16-0001)*		
22 42 16 16-0039	EA	26-1/2" x 18-1/2" x 7-3/4" Single Bowl Soapstone Sink	1,083.92	97.48
22 42 16 16-0040	SF	Soapstone Sink Backsplash	173.32	
22 42 16 16-0041	EA	30" x 18-1/2" x 10" Single Bowl Soapstone Sink	1,380.67	113.37
22 42 16 16-0042	EA	36" x 18-1/2" x 10" Double Bowl Soapstone Sink	1,615.03	113.37
22 42 16 16-0043		**Stainless Steel Sink And Drainboard** *(22 42 16 16-0001)*		
22 42 16 16-0044	EA	Stainless Steel Sink With One 24" x 24" x 14" Depth Compartment And Drainboard, 14 Gauge Stainless Steel With Tubular Adjustable Legs (Advance Tabco 94-41-24-24L)	4,434.62	264.88
22 42 16 16-0045		**Sink Carriers** *(22 42 16 16)*		
22 42 16 16-0046		**Floor Mounted, Sink Carriers** *(22 42 16 16-0045)* Note: With support plates, adjustable coupling with 4" piping connection, mounting studs, structural uprights, welded feet and chrome plated trim.		
22 42 16 16-0047	EA	Floor Mounted Heavy Duty Support Plate Type, Single Sink Carrier With 4" Adjustable Coupling	855.46	40.27
		For Vandal Proof Trim, Add	*66.63*	
		For Valve Plate For Attaching To Upright, Add	*87.09*	
22 42 16 16-0048	EA	Floor Mounted Heavy Duty Support Plate Type, Single Sink Carrier With 4" Adjustable Coupling And 4" x 2" Waste Fitting	1,133.92	40.27
		For Vandal Proof Trim, Add	*66.63*	
		For Auxiliary Vent, Add	*198.14*	
22 42 16 16-0049	EA	Floor Mounted Heavy Duty Support Plate Type, Single Sink Carrier With Exposed Acid Resistant White Coated Arms	1,419.12	40.27
		For Up To 4" Extension Sleeves And Hardware, Add	*50.26*	
		For Vandal Proof Trim, Add	*66.63*	
22 42 16 16-0050		**Removal And Reinstallation Of Sink And Trim** *(22 42 16 16)* Note: Includes storage, cleaning and supply materials for reconnecting pipe to fixture.		
22 42 16 16-0051	EA	Removal And Reinstallation Of Wall Hung Service Sink With Faucet	427.23	
22 42 19		**Commercial Bathtubs** *(22 42)*		
22 42 19 00-0001		**Recessed Alcove Bathtubs** *(22 42 19)*		
22 42 19 00-0002		**Porcelain Enameled Cast Iron, Recessed Alcove Bathtubs** *(22 42 19 00-0001)*		
22 42 19 00-0003	EA	54" x 30-1/4" x 14", Porcelain Enameled Cast Iron, Recessed Alcove Bathtub (Kohler® Seaforth™)	1,496.27	294.55
22 42 19 00-0004	EA	60" x 32" x 16-1/4", Porcelain Enameled Cast Iron, Recessed Alcove Bathtub (Kohler® Mendota®)	1,286.47	294.55
22 42 19 00-0005	EA	60" x 32" x 16-1/4", Porcelain Enameled Cast Iron, Recessed Alcove Bathtub (Kohler® Dynametric®)	1,501.54	294.55
22 42 19 00-0006	EA	66" x 32" x 17", Porcelain Enameled Cast Iron, Recessed Alcove Bathtub (Kohler® Bellwether®)	1,923.49	294.55
22 42 19 00-0007		**Porcelain Enameled Steel, Recessed Alcove Bathtubs** *(22 42 19 00-0001)*		
22 42 19 00-0008	EA	60" x 30" x 14-1/4", Porcelain Enameled Steel, Recessed Alcove Bathtub (American Standard New Salem®)	680.37	294.55
22 42 19 00-0009	EA	60" x 30" x 16-5/8", Porcelain Enameled Steel, Recessed Alcove Bathtub (American Standard New Solar®)	695.39	294.55
22 42 19 00-0010		**Porcelain Finished Metal Alloy, Recessed Alcove Bathtubs** *(22 42 19 00-0001)*		
22 42 19 00-0011	EA	60" x 32" x 17-3/4", Porcelain Finished Metal Alloy, Recessed Alcove Bathtub (American Standard Cambridge™)	991.16	294.55
22 42 19 00-0012		**Acrylic, Recessed Alcove Bathtubs** *(22 42 19 00-0001)*		
22 42 19 00-0013	EA	60" x 32" x 19", Acrylic, Recessed Alcove Bathtub (Kohler® Archer®)	1,019.57	294.55
22 42 19 00-0014	EA	60" x 36" x 20", Acrylic, Recessed Alcove Bathtub (Kohler® Mariposa®)	1,201.21	294.55
22 42 19 00-0015	EA	66" x 36" x 20", Acrylic, Recessed Alcove Bathtub (Kohler® Mariposa®)	1,224.67	294.55
22 42 19 00-0016	EA	72" x 36" x 20", Acrylic, Recessed Alcove Bathtub (Kohler® Mariposa®)	1,210.25	294.55
22 42 19 00-0017	EA	72" x 42" x 21", Acrylic, Recessed Alcove Bathtub (Kohler® Windward®)	1,262.12	294.55
22 42 19 00-0018		**Bathtub Refinishing** *(22 42 19 00-0001)*		
22 42 19 00-0019	EA	Refinish Porcelain Finished Bathtub With Acrylic Urethane Enamel	628.99	
22 42 19 00-0020		**Tub And Shower Combinations** *(22 42 19)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 19 00-0021		Acrylic Tub And Shower Combination *(22 42 19 00-0020)*		
22 42 19 00-0022	EA	1 Piece, 60" x 32" x 72" Acrylic Tub And Shower (Delta 226032)	1,294.63	113.07
		For 2 Piece Enclosure, Deduct	*-281.61*	
22 42 19 00-0023		Fiberglass Tub And Shower Combination *(22 42 19 00-0020)*		
22 42 19 00-0024	EA	1 Piece 60" x 32" x 72" Fiberglass Tub And Shower (Aquatic 2603-SG)	867.05	113.07
22 42 19 00-0025	EA	2 Piece 60" x 30" x 72" Fiberglass Tub And Shower (Aquatic 2603-2P)	682.78	75.38
22 42 19 00-0026	EA	4 Piece 60" x 32" x 75-1/2" Fiberglass Tub And Shower (Aquatic 26030-4P)	1,370.54	170.67
22 42 23		**Commercial Showers** *(22 42)*		
22 42 23 00-0001		Shower Enclosures *(22 42 23)*		
		Note: Includes precast concrete receptors. Excludes plumbing hook-up and door or curtain.		
22 42 23 00-0002		Powder Coated Or Baked Enamel Steel Shower Enclosure *(22 42 23 00-0001)*		
22 42 23 00-0003	EA	32" x 32" x 82" Baked Enamel Steel Shower Enclosure (General Partitions)	1,728.33	170.89
22 42 23 00-0004	EA	36" x 36" x 82" Baked Enamel Steel Shower Enclosure (General Partitions)	1,728.33	170.89
22 42 23 00-0005	EA	40" x 40" x 82" Baked Enamel Steel Shower Enclosure (General Partitions)	2,615.72	170.89
22 42 23 00-0006	EA	40" x 48" x 82" Handicapped, Baked Enamel Steel Shower Enclosure (General Partitions)	2,879.16	170.89
22 42 23 00-0007		Solid Plastic Core High Density Polymer (HDP) Shower Enclosure *(22 42 23 00-0001)*		
22 42 23 00-0008	EA	32" x 32" x 82" Single Opening Solid Plastic Shower Enclosure (General Partitions)	2,851.43	170.89
22 42 23 00-0009	EA	36" x 36" x 82" Single Opening Solid Plastic Shower Enclosure (General Partitions)	2,851.43	170.89
22 42 23 00-0010	EA	40" x 40" x 82" Single Opening Solid Plastic Shower Enclosure (General Partitions)	4,099.31	170.89
22 42 23 00-0011	EA	40" x 48" x 82" Handicapped, Solid Plastic Shower Enclosure (General Partitions)	4,584.60	170.89
22 42 23 00-0012		Personnel Type Shower Receptors *(22 42 23)*		
22 42 23 00-0013		Acrylic Shower Receptors *(22 42 23 00-0012)*		
22 42 23 00-0014	EA	36" x 36" Acrylic Shower Receptor	460.46	43.15
22 42 23 00-0015	EA	42" x 42" Acrylic Shower Receptor	486.87	43.15
22 42 23 00-0016	EA	48" x 48" Acrylic Shower Receptor	539.60	43.15
22 42 23 00-0017	EA	60" x 60" Acrylic Shower Receptor	656.29	51.78
22 42 23 00-0018	EA	48" x 32" Acrylic Shower Receptor	461.70	43.15
22 42 23 00-0019	EA	48" x 36" Acrylic Shower Receptor	496.43	43.15
22 42 23 00-0020	EA	48" x 42" Acrylic Shower Receptor	561.04	43.15
22 42 23 00-0021	EA	60" x 32" Acrylic Shower Receptor	623.42	51.78
22 42 23 00-0022	EA	60" x 36" Acrylic Shower Receptor	627.89	51.78
22 42 23 00-0023	EA	60" x 42" Acrylic Shower Receptor	631.99	51.78
22 42 23 00-0024	EA	60" x 48" Acrylic Shower Receptor	696.19	51.78
22 42 23 00-0025	EA	36" x 36" Acrylic Corner Shower Receptor	672.13	43.15
22 42 23 00-0026	EA	42" x 42" Acrylic Corner Shower Receptor	771.80	43.15
22 42 23 00-0027		Molded Stone Shower Receptors *(22 42 23 00-0012)*		
22 42 23 00-0028	EA	32" x 32" Molded Stone Shower Receptor (Fiat 32WL)	306.90	43.15
22 42 23 00-0029	EA	34" x 34" Molded Stone Shower Receptor (Fiat 34WL)	321.80	43.15
22 42 23 00-0030	EA	36" x 36" Molded Stone Shower Receptor (Fiat 36WL)	323.46	43.15
22 42 23 00-0031	EA	42" x 42" Molded Stone Shower Receptor (Fiat 4242WL)	397.13	43.15
22 42 23 00-0032	EA	42" x 34" Molded Stone Shower Receptor (Fiat 42WL)	352.43	43.15
22 42 23 00-0033	EA	48" x 32" Molded Stone Shower Receptor (Fiat 4832WL)	373.13	43.15
22 42 23 00-0034	EA	48" x 34" Molded Stone Shower Receptor (Fiat 48WL)	375.61	43.15
22 42 23 00-0035	EA	54" x 34" Molded Stone Shower Receptor (Fiat 54WL)	435.01	51.78
22 42 23 00-0036	EA	60" x 34" Molded Stone Shower Receptor (Fiat 60WL)	450.74	51.78
22 42 23 00-0037	EA	36" x 36" Molded Stone Corner Shower Receptor (Fiat 36WLC)	356.57	43.15
22 42 23 00-0038	EA	38" x 38" Molded Stone Corner Shower Receptor (Fiat 38WLC)	365.68	43.15
22 42 23 00-0039		Precast Terrazzo Shower Receptors *(22 42 23 00-0012)*		
22 42 23 00-0040	EA	30" x 30" Precast Terrazzo Shower Receptor	576.77	43.15
22 42 23 00-0041	EA	32" x 32" Precast Terrazzo Shower Receptor	599.12	43.15
22 42 23 00-0042	EA	34" x 34" Precast Terrazzo Shower Receptor	619.82	43.15
22 42 23 00-0043	EA	36" x 36" Precast Terrazzo Shower Receptor	622.30	43.15
22 42 23 00-0044	EA	40" x 40" Precast Terrazzo Shower Receptor	681.08	43.15
22 42 23 00-0045	EA	42" x 42" Precast Terrazzo Shower Receptor	710.88	43.15
22 42 23 00-0046	EA	48" x 48" Precast Terrazzo Shower Receptor	998.96	43.15
22 42 23 00-0047	EA	36" x 32" Precast Terrazzo Shower Receptor	614.85	43.15
22 42 23 00-0048	EA	42" x 32" Precast Terrazzo Shower Receptor	626.72	43.15
22 42 23 00-0049	EA	42" x 34" Precast Terrazzo Shower Receptor	647.96	43.15
22 42 23 00-0050	EA	42" x 36" Precast Terrazzo Shower Receptor	674.45	43.15
22 42 23 00-0051	EA	32" x 48" Precast Terrazzo Shower Receptor	676.94	43.15
22 42 23 00-0052	EA	48" x 34" Precast Terrazzo Shower Receptor	710.88	43.15
22 42 23 00-0053	EA	54" x 32" Precast Terrazzo Shower Receptor	744.82	43.15
22 42 23 00-0054	EA	60" x 30" Precast Terrazzo Shower Receptor	1,006.73	51.78
22 42 23 00-0055	EA	60" x 32" Precast Terrazzo Shower Receptor	1,100.66	51.78
22 42 23 00-0056	EA	60" x 34" Precast Terrazzo Shower Receptor	1,105.27	51.78

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 23 00-0057	EA	60" x 36" Precast Terrazzo Shower Receptor	1,109.85	51.78
22 42 23 00-0058	EA	32" x 32" Precast Terrazzo Corner Shower Receptor	625.61	43.15
22 42 23 00-0059	EA	34" x 34" Precast Terrazzo Corner Shower Receptor	626.72	43.15
22 42 23 00-0060	EA	36" x 36" Precast Terrazzo Corner Shower Receptor	628.92	43.15
22 42 23 00-0061	EA	40" x 40" Precast Terrazzo Corner Shower Receptor	753.92	43.15
22 42 23 00-0062	EA	36" x 36", ADA Wheelchair Accessible, Precast Terrazzo Shower Receptor	1,370.65	43.15
22 42 23 00-0063	EA	60" x 30", ADA Wheelchair Accessible, Precast Terrazzo Shower Receptor	1,526.08	51.78
22 42 23 00-0064	EA	60" x 36", ADA Wheelchair Accessible, Precast Terrazzo Shower Receptor	1,590.65	51.78

22 42 23 00-0065 Shower Receptors Accessories *(22 42 23 00-0012)*

22 42 23 00-0066	SF	Polyvinyl Chloride (PVC) Shower Pan Liner	3.85	

22 42 23 00-0067 Removal And Reinstallation Of Fixtures And Trim *(22 42 23)*

Note: Includes storage, cleaning and supply materials for reconnecting pipe to fixture.

22 42 23 00-0068	EA	Removal And Reinstallation Of Shower Head	51.78	

22 42 33 Wash Fountains *(22 42)*

22 42 33 00-0001 Circular Wash Fountain, Deep Bowl *(22 42 33)*

Note: Includes trim and trap. 2" IPS waste outlets foot control/hand control operated.

22 42 33 00-0002	EA	36" Stainless Steel Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley WF2705F-A-LSD)	9,309.30	183.23
		For Metal Soap Dispenser, Add	*100.00*	
		For Stainless Steel Pedestal Panels, Add	*100.00*	
22 42 33 00-0003	EA	36" Bradstone® Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley WF2805F-A-LSD)	5,003.61	183.23
		For Metal Soap Dispenser, Add	*100.00*	
		For Stainless Steel Pedestal Panels, Add	*100.00*	
22 42 33 00-0004	EA	36" Terreon® Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley TDB3105AIRLSDE)	8,633.05	183.23
		For Metal Soap Dispenser, Add	*100.00*	
		For Stainless Steel Pedestal Panels, Add	*100.00*	
22 42 33 00-0005	EA	54" Stainless Steel Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley WF2708F-A-LSD)	11,865.26	209.40
		For Metal Soap Dispenser, Add	*100.00*	
		For Stainless Steel Pedestal Panels, Add	*100.00*	
22 42 33 00-0006	EA	54" Bradstone® Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley WF2808F-A-LSD)	5,772.56	209.40
		For Metal Soap Dispenser, Add	*100.00*	
		For Stainless Steel Pedestal Panels, Add	*100.00*	
22 42 33 00-0007	EA	54" Terreon® Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley TDB3108AIRLSDE)	10,340.84	209.40
		For Metal Soap Dispenser, Add	*100.00*	
		For Stainless Steel Pedestal Panels, Add	*100.00*	

22 42 33 00-0008 Semi-Circular Wash Fountain, Deep Bowl *(22 42 33)*

Note: Includes trim and trap. 2" IPS waste outlets foot control/hand control operated.

22 42 33 00-0009	EA	36" Stainless Steel Semi-Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley WF2703F-A-LSD)	8,122.32	157.05
		For Metal Soap Dispenser, Add	*100.00*	
		For Stainless Steel Pedestal Panels, Add	*100.00*	
22 42 33 00-0010	EA	36" Bradstone® Semi-Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley WF2803F-A-LSD)	4,565.04	157.05
		For Metal Soap Dispenser, Add	*100.00*	
		For Stainless Steel Pedestal Panels, Add	*100.00*	
22 42 33 00-0011	EA	36" Terreon® Semi-Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley TDB3103AIRLSDE)	6,551.39	157.05
		For Metal Soap Dispenser, Add	*100.00*	
		For Stainless Steel Pedestal Panels, Add	*100.00*	
22 42 33 00-0012	EA	54" Stainless Steel Semi-Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley WF2704F-A-LSD)	9,966.64	183.23
		For Metal Soap Dispenser, Add	*100.00*	
		For Stainless Steel Pedestal Panels, Add	*100.00*	
22 42 33 00-0013	EA	54" Bradstone® Semi-Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley WF2804F-A-LSD)	5,506.45	183.23
		For Metal Soap Dispenser, Add	*100.00*	
		For Stainless Steel Pedestal Panels, Add	*100.00*	
22 42 33 00-0014	EA	54" Terreon® Semi-Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley TDB3104AIRLSDE)	7,792.27	183.23
		For Metal Soap Dispenser, Add	*100.00*	
		For Stainless Steel Pedestal Panels, Add	*100.00*	

22 42 39 Commercial Faucets, Supplies, and Trim *(22 42)*

22 42 39 00-0001 Kitchen Faucets *(22 42 39)*

22 42 39 00-0002	EA	Top Cast Kitchen Faucet, Single Handle, Chrome Finish (Delta 140-DST)	219.14	52.98
22 42 39 00-0003	EA	Top Cast Kitchen Faucet With Spray, Single Handle, Chrome Finish (Delta 440-DST)	248.33	52.98
22 42 39 00-0004	EA	Top Cast Kitchen Faucet, Single Handle, Stainless Steel Finish (Delta 140-SS-DST)	206.01	52.98
22 42 39 00-0005	EA	Top Cast Kitchen Faucet With Spray, Single Handle, Stainless Steel Finish (Delta 440 -SS-DST)	232.55	52.98

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 39 00-0006	EA	Top Cast Kitchen Faucet, Two Handle, Chrome Finish, 8" Center, Lever Handles (Delta 2102LF-LHP+H24)	203.71	52.98
22 42 39 00-0007	EA	Top Cast Kitchen Faucet With Spray, Two Handle, Chrome Finish, 8" Center, Lever Handles (Delta 2402LF-LHP+H24)	224.27	52.98
22 42 39 00-0008	EA	Top Cast Kitchen Faucet, Two Handle, Chrome Finish, Center Gooseneck Faucet, Lever Handles (Delta 21987LF)	293.60	52.98
22 42 39 00-0009	EA	Top Cast Kitchen Faucet With Spray, Two Handle, Chrome Finish, Center Gooseneck Faucet, Lever Handles (Delta 21996LF)	206.61	52.98
22 42 39 00-0010	EA	Bottom Mount Kitchen Faucet, Single Handle, Chrome Finish (Delta 101LF-WF)	198.82	52.98
22 42 39 00-0011	EA	Bottom Mount Kitchen Faucet With Spray, Single Handle, Chrome Finish (Delta 175LF-WF)	236.88	52.98
22 42 39 00-0012	EA	Bottom Mount Kitchen Faucet, Two Handle, Chrome Finish, Gooseneck Faucet, Lever Handles (Delta 2274-LHP+H24)	413.19	52.98
22 42 39 00-0013	EA	Bottom Mount Kitchen Faucet With Spray, Two Handle, Chrome Finish, Gooseneck Faucet, Lever Handles (Delta 2276-LHP+H24)	454.06	52.98
22 42 39 00-0014	EA	Deck Mount Sink Faucet, 8" Center Set, Lever Handles (Chicago Faucet 1100 ABCP)	426.60	57.53
22 42 39 00-0015	EA	Deck Mount Sink Faucet, 8" Center Set, 4" Wristblade Handles (Chicago Faucet 1100-GN2AE3-317CP)	424.61	57.53
22 42 39 00-0016	EA	Deck Mount Gooseneck Sink Faucet, 4" Center Set, Blade Handles (Chicago Faucet 802-317CP)	314.62	57.53
22 42 39 00-0017	EA	Chrome Single Handle Kitchen Faucet With Integrated Spray (Elkay LKGT1041CR)	739.41	52.98
22 42 39 00-0018	EA	Brushed Nickel Single Handle Kitchen Faucet With Integrated Spray (Elkay LKGT1041NK)	937.76	52.98
22 42 39 00-0019	EA	Oil Rubbed Bronze Single Handle Kitchen Faucet With Integrated Spray (Elkay LKGT1041RB)	1,003.88	52.98
22 42 39 00-0020	EA	Chrome Single Handle Kitchen Faucet With Integrated Spray, 1.5 GPM Aerator (Elkay LKLFGT1041CR)	739.41	52.98
22 42 39 00-0021	EA	Brushed Nickel Single Handle Kitchen Faucet With Integrated Spray, 1.5 GPM Aerator (Elkay LKLFGT1041NK)	937.76	52.98
22 42 39 00-0022	EA	Oil Rubbed Bronze Single Handle Kitchen Faucet With Integrated Spray, 1.5 GPM Aerator (Elkay LKLFGT1041RB)	1,003.88	52.98

22 42 39 00-0023 Lavatory Faucets *(22 42 39)*

22 42 39 00-0024	EA	Single Handle Centerset Lavatory Faucet, Polished Chrome Finish (Delta Lahara 538-MPU-DST)	270.22	38.14
22 42 39 00-0025	EA	4" Centerset Lavatory Faucet With Chrome Lever Handle (Delta 501LF-WF)	185.77	38.14
22 42 39 00-0026	EA	4" Classic Style Centerset Lavatory Faucet With Chrome Lever Handles (Delta 2523LF-MPU)	231.97	38.14
22 42 39 00-0027	EA	4" Centerset Lavatory Faucet With Chrome Lever Handles (Delta 2529LF-HDM)	255.00	38.14
22 42 39 00-0028	EA	Classic Style Widespread Lavatory Faucet With Chrome Lever Handles (Delta 3530LF-MPU)	314.50	38.14
22 42 39 00-0029	EA	Widespread Lavatory Gooseneck Faucet With Chrome Lever Handles (Delta 3579LF-WFHDF)	367.34	38.14
22 42 39 00-0030	EA	Self Closing/Metered Faucet, Brass, Single Hole, Push Handle (Delta 86T104)	222.03	38.14
22 42 39 00-0031	EA	Self Closing/Metered Faucet, Double Hole, Push Handles (American Standard 1340.225.002)	340.97	38.14
22 42 39 00-0032	EA	Single Inlet, Push Handle Metering Faucet, ADA (Chicago Faucet 333-665)	244.13	38.14
22 42 39 00-0033	EA	Metering Lavatory Faucets (Chicago Faucet 802-665ABCP)	495.55	95.96
		For Faucet With Temperature Control, Add	*40.00*	
22 42 39 00-0034	EA	3" Reach, 4-Arm Handle Single Basin Faucet (T&S Brass 0710)	249.92	38.14
22 42 39 00-0035	EA	3" Reach, Push Handle Self-Closing Valve, Single Basin Metering Faucet (T&S Brass 0712)	302.99	38.14
22 42 39 00-0036	EA	4" Reach, Push Handle Self-Closing Valve, Single Basin Metering Faucet (T&S Brass 0805)	296.71	38.14

22 42 39 00-0037 Bath And Shower Faucets *(22 42 39)*

22 42 39 00-0038 Bath And Shower Faucets With Valve Body *(22 42 39 00-0037)*

22 42 39 00-0039	EA	Single Lever Handle, Chrome Tub Filler, Pressure-Balance (American Standard T480 500)	248.74	45.98
22 42 39 00-0040	EA	Single Lever Handle, Chrome Shower Only, Pressure-Balance (American Standard T480.501)	292.31	45.98
22 42 39 00-0041	EA	Single Lever Handle, Chrome Shower And Tub Filler, Pressure-Balance (American Standard T480.502)	320.24	45.98
22 42 39 00-0042	EA	Two Lever Handle, Chrome Tub Filler (American Standard Colony Soft 3275.505)	229.74	45.98
		For Faucet With Metal Cross Handles, Add	*45.75*	
22 42 39 00-0043	EA	Two Lever Handle, Chrome Shower Only (American Standard Colony Soft 3275.501)	240.92	45.98
		For Faucet With Metal Cross Handles, Add	*45.75*	
22 42 39 00-0044	EA	Two Lever Handle, Chrome Shower And Tub Filler (American Standard Colony Soft 3275.502)	273.31	45.98
		For Faucet With Metal Cross Handles, Add	*45.75*	
22 42 39 00-0045	EA	Three Lever Handle, Chrome Shower And Tub Filler (American Standard Colony Soft 3375.502)	310.18	45.98
		For Faucet With Metal Cross Handles, Add	*45.75*	

22 42 39 00-0046 Shower Valves And Trim *(22 42 39)*

See CSI section 22 41 39 00-0011 for residential shower valves and heads.

22 42 39 00-0047	EA	Removable Hand Held Shower With Hose Wall Hook And Inline Vacuum Breaker (Powers 141-318 with 141-319)	399.25	71.52
22 42 39 00-0048	EA	Concealed Thermostatic/Pressure Balancing Control Valve With Chrome Plated Shower Head (Chicago Faucet 2502-600CP)	910.58	71.52
22 42 39 00-0049	EA	Stainless Steel Shower System With Thru-Wall Exposed Piping Covering, Adjustable Shower Head, Soap Dish, Metal Top Cap And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-801S/1-802S)	1,267.65	71.52
		For Hand Spray, Hose And Wall Hooks, Add	*106.44*	
		For Recessed Soap Dish, Add	*108.12*	
		For Hand Spray, Hose And 30" Slide Bar, Add	*165.51*	
		For Pressure Balance And Metering Combination, Add	*291.63*	
22 42 39 00-0050	EA	Stainless Steel Corner Shower System With Thru-Wall Exposed Piping Covering, Adjustable Shower Head, Soap Dish, Metal Top Cap And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-807)	1,510.08	71.52
		For Hand Spray, Hose And Wall Hooks, Add	*106.44*	
		For Recessed Soap Dish, Add	*108.12*	
		For Hand Spray, Hose And 30" Slide Bar, Add	*165.51*	
		For Pressure Balance And Metering Combination, Add	*291.63*	
22 42 39 00-0051	EA	Stainless Steel Institutional Shower System With Thru-Wall Exposed Piping Covering, Vandal Resistant Adjustable Shower Head, Soap Dish, Sloped Metal Top Cap And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-901S)	1,023.27	71.52
		For Hand Spray, Hose And Wall Hooks, Add	*19.32*	
		For Hand Spray, Hose And 30" Slide Bar, Add	*78.39*	
		For Pressure Balance And Metering Combination, Add	*291.63*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 39 00-0052	EA	Stainless Steel Institutional Shower System With Flat Wall Recessed Piping Covering, Vandal Resistant Adjustable Shower Head, Soap Dish And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-911RS)	1,552.70	71.52
		For Pressure Balance And Metering Combination, Add	*291.63*	
22 42 39 00-0053	EA	Stainless Steel Double Outlet Institutional Shower System With Thru-Ceiling Exposed Piping Covering, Vandal Resistant Adjustable Shower Head, Soap Dish, Sloped Metal Top Cap And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-902S-FS)	1,666.82	71.52
		For Hand Spray, Hose And 30" Slide Bar, Add	*59.07*	
		For Pressure Balance And Metering Combination, Add	*291.63*	
22 42 39 00-0054	EA	Stainless Steel Institutional Triple Shower System With Thru-Wall Exposed Piping Covering, Vandal Resistant Adjustable Shower Heads, Sloped Metal Top Cap And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-931)	3,088.26	71.52
		For Recessed Soap Dish, Add	*83.94*	
		For Pressure Balance And Metering Combination, Add	*227.79*	
22 42 39 00-0055	EA	Stainless Steel Institutional Double Shower System With Thru-Wall Exposed Piping Covering, Vandal Resistant Adjustable Shower Heads, Metal Top Cap And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-921)	2,695.74	71.52
		For Recessed Soap Dish, Add	*83.94*	
		For Pressure Balance And Metering Combination, Add	*291.63*	
22 42 39 00-0056	EA	Stainless Steel Tub And Shower System With Thru-Wall Exposed Piping Covering, Adjustable Shower Head, Sloped Metal Top Cap And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-941-231)	1,345.39	71.52
22 42 39 00-0057	EA	Stainless Steel Double Outlet Institutional Shower System With Flat Wall Recessed Piping Covering, Vandal Resistant Adjustable Shower Head, Hand Spray, Hose, Wall Hooks, Soap Dish And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-912RS-FS)	2,073.58	71.52
		For Hand Spray, Hose And 30" Slide Bar, Add	*59.07*	
		For Pressure Balance And Metering Combination, Add	*291.63*	
22 42 39 00-0058	EA	Stainless Steel Single Supply Institutional Shower System With Thru-Wall Exposed Piping Covering, Vandal Resistant Adjustable Shower Head, Soap Dish, Sloped Metal Top Cap And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-901S-60)	1,343.56	71.52
22 42 39 00-0059	EA	Stainless Steel Single Supply Single Outlet Institutional Shower System With Thru-Wall Exposed Piping Covering, Vandal Resistant Adjustable Shower Head, Soap Dish, Sloped Metal Top Cap And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-901S-22-FS)	1,339.54	71.52
		For Hand Spray, Hose And 30" Slide Bar, Add	*59.07*	

22 42 39 00-0060 Service Sink Faucets *(22 42 39)*

22 42 39 00-0061	EA	4-5/8" Spout With Vacuum Breaker, Wall Mount Service Sink Faucet With Lever Handles (Kohler® Kinlock™)	537.32	88.21
22 42 39 00-0062	EA	3" Spout, Wall Mount, Service Sink Faucet With Lever Handles (American Standard 8340.235)	381.58	88.21
22 42 39 00-0063	EA	3" Spout With Vacuum Breaker, Wall Mount Service Sink Faucet With Lever Handles (American Standard 8340.243)	411.74	88.21
22 42 39 00-0064	EA	6" Spout With Vacuum Breaker And Top Brace, Wall Mount Service Sink Faucet, Lever Handles (American Standard 8344.012)	427.39	88.21
22 42 39 00-0065	EA	7-1/4" Spout With Bottom Fork Brace, Stops In Integral Arm, Wall Mount Service Sink Faucet With Wrist Blade Handles (American Standard 8355.101)	557.44	123.65
22 42 39 00-0066	EA	7-1/4" Spout With Vacuum Break And Bottom Fork Brace, Stops In Integral Arm, Wall Mount Service Sink Faucet With Wrist Blade Handles (American Standard 8355.110)	624.14	140.92
22 42 39 00-0067	EA	11" Spout With Bottom Fork Brace, Stops In Integral Arm, Wall Mount Service Sink Faucet With Wrist Blade Handles (American Standard 8345.115)	722.45	140.92
22 42 39 00-0068	EA	5-3/4" Spout With Pail Hook, Concealed Service Sink Faucet, Wall Brace (Chicago Faucet 911-CP)	821.88	140.92
22 42 39 00-0069	EA	44" Flexible Stainless Steel Hose With Insulated Handle, 23" Riser, Pre-Rinse Faucet (Chicago Faucet 923-XKCAB)	870.81	140.92

22 42 39 00-0070 Laboratory Faucets And Fittings *(22 42 39)*

22 42 39 00-0071	EA	Cold Faucet, Single Deck Mount, Gooseneck Spout With Serrated Nozzle Outlet, Laboratory Faucet (Chicago Faucet 927)	217.92	37.51
22 42 39 00-0072	EA	Single Deck Mount, Gooseneck Spout With Serrated Nozzle Outlet, Hot And Cold, Laboratory Faucet (Chicago Faucet 929)	357.55	52.98
22 42 39 00-0073	EA	Single Deck Mount, Gooseneck Spout With Serrated Nozzle Outlet, Hot And Cold, Laboratory Faucet With Vacuum Breaker (Chicago Faucet 930)	465.06	52.98
22 42 39 00-0074	EA	Cold Wall Mount, Gooseneck Spout With Aerator, Laboratory Faucet (Chicago Faucet 933)	284.22	49.48
22 42 39 00-0075	EA	6" Spout With Aerator, Wall Mount, Hot And Cold, Laboratory Faucet (Chicago Faucet 940)	385.86	70.56
22 42 39 00-0076	EA	6" Spout With Aerator And Vacuum Breaker, Wall Mount, Hot And Cold, Laboratory Faucet (Chicago Faucet 940-VBE7-CP)	526.03	70.56
22 42 39 00-0077	EA	Dual Deck Mount, Gooseneck Spout With Serrated Nozzle Outlet, Hot And Cold, Laboratory Faucet (Chicago Faucet 946)	421.18	52.98
22 42 39 00-0078	EA	Gooseneck Spout With Aerator, Wall Mount, Hot And Cold, Laboratory Faucet (Chicago Faucet 942)	411.33	70.56
22 42 39 00-0079	EA	Single Control, Single Hole Deck Mount Sink Faucet (Chicago Faucet 350-CP)	270.00	40.73
22 42 39 00-0080	EA	Dual Control, Single Hole Deck Mount Sink Faucet (Chicago Faucet 50-CP)	380.37	57.53
22 42 39 00-0081	EA	4" Center Set, Deck Mount, Lavatory Faucet With Blade Handles (Chicago Faucet 802)	291.53	57.53
22 42 39 00-0082	EA	4" Center Set, Deck Mount, Gooseneck Sink Faucet With Blade Handles (Chicago Faucet 895-317ABCP)	357.47	57.53
22 42 39 00-0083	EA	Gas Ball Valve, Removable Nozzle, With Index Button (Chicago Faucet 909-AGVCP)	90.96	35.39
22 42 39 00-0084	EA	Dual Service Lab Fitting, Two Gas And One Water Outlet (Chicago Faucet 1332-CP)	584.31	63.57
22 42 39 00-0085	EA	Dual Service Lab Fitting With Wristblade Handle, Two Gas And One Water Outlet (Chicago Faucet 1332-317CP)	753.66	63.57
22 42 39 00-0086	EA	Dual Service Lab Fitting With Metal Cross Handle, Inline Vacuum Breaker, Two Gas And One Water Outlet (Chicago Faucet 1332-E22E7-204CP)	907.94	63.57
22 42 39 00-0087	EA	Dual Service Lab Fitting With Plastic Cross Handle, Two Gas And One Water Outlet (Chicago Faucet 1332-E22E7CP)	801.99	63.57
22 42 39 00-0088	EA	Dual Service Lab Fitting With Chemical Resistant Coating And Plastic Cross Handle, Two Gas And One Water Outlet (Chicago Faucet 1332-E22E7SAM)	956.48	63.57

22 42 39 00-0089 Laboratory Countertop Faucets *(22 42 39)*

Note: Includes final connection. Excludes rough-in.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 39 00-0090	EA	6" Gooseneck Deck Mount Single Valve Faucet (Fisher Hamilton 32L391)	216.70	28.77
22 42 39 00-0091	EA	6" Gooseneck Deck Mount Hot And Cold Valve Faucet (Fisher Hamilton 32L406)	295.31	28.77
22 42 39 00-0092	EA	Deionozed Water 6" Gooseneck Deck Mount Single Valve Faucet (Fisher Hamilton 32L512)	298.45	28.77
22 42 39 00-0093	EA	Turret Deck Mount Air Or Gas Valve (Fisher Hamilton 30L535)	98.90	17.26
22 42 39 00-0094		**Gooseneck Faucets With Independent Eyewash** *(22 42 39)*		
22 42 39 00-0095	EA	Two Handle Widespread Valves, Gooseneck Faucet With Independent Eyewash (Speakman SEF-1800-CA)	892.08	39.73
22 42 39 00-0096	EA	Single Lever Gooseneck Faucet With Independent Eyewash (Speakman SEF-1800-CA-SL)	967.83	37.08
22 42 39 00-0097	EA	8" Stem, Two Handle Widespread Valves, Gooseneck Faucet With Independent Eyewash (Speakman SEF-1800-CA-8)	1,250.41	39.73
22 42 39 00-0098	EA	Serrated Tip With Vacuum Breaker, Two Handle Widespread Valves, Gooseneck Faucet With Independent Eyewash (Speakman SEF-1800-ST)	1,320.95	39.73
22 42 39 00-0099	EA	Thermostatic Mixing Valve Kit For The SEF-1800 (Speakman SEF-TW)	1,607.40	26.49
22 42 39 00-0100	EA	Foot Pedal Activation, Two Handle Widespread Valves, Gooseneck Faucet With Independent Eyewash (Speakman SEF-1800-FP)	1,933.11	66.22
22 42 39 00-0101	EA	Thermostatic Mixing Valve Kit, Two Handle Widespread Valves, Gooseneck Faucet With Independent Eyewash (Speakman SEF-1800-CA-TW)	2,702.63	66.22
22 42 39 00-0102	EA	8" Stem, Thermostatic Mixing Valve Kit, Two Handle Widespread Valves, Gooseneck Faucet With Independent Eyewash (Speakman SEF-1800-CA-8TW)	2,792.40	66.22
22 42 39 00-0103		**Bubblers And Glass Fillers** *(22 42 39)*		
22 42 39 00-0104	EA	Self-Closing Bubbler Faucet, Metering Handle (Chicago Faucet 748-665CP)	387.73	37.51
22 42 39 00-0105	EA	Wall Mount Glass Filler, 1/2" Flanged Female Inlet (Chicago Faucet 313-CP)	343.69	49.48
22 42 39 00-0106	EA	7" Overall Outlet Height, Deck Mount Glass Filler, 1/2" Flanged Female Inlet (Chicago Faucet 709-CP)	382.38	37.51
22 42 39 00-0107	EA	Wall Mount, Push Button Single Glass Filler (Chicago Faucet 324-CP)	232.72	53.73
22 42 39 00-0108	EA	Deck Mount, Lever Handle Drinking Faucet (Haws 5054LF)	454.23	40.73
22 42 39 00-0109	EA	Push Button Bubbler, 1/2" OD (Haws 5017LF)	460.37	40.73
22 42 39 00-0110	EA	Push Button Bubbler, 3/8" NPT (Haws 5010-6427)	382.73	40.73
22 42 39 00-0111		**Automatic Electronic Sensor Faucets** *(22 42 39)*		
22 42 39 00-0112	EA	Electronic Lavatory Faucet (American Standard 6055.205.002)	706.68	88.36
		For Faucet With Temperature Control, Add	*40.00*	
22 42 39 00-0113	EA	Electronic Lavatory Gooseneck Faucet (American Standard 6055.105.002)	713.38	88.36
		For Faucet With Temperature Control, Add	*40.00*	
22 42 39 00-0114	EA	0.5 GPM Lavatory Automatic Faucets, Battery (Sloan EBF615-4)	1,170.40	95.96
22 42 39 00-0115	EA	Lavatory Automatic Faucets, Wired (Sloan ETF80-4-P)	901.71	95.96
22 42 39 00-0116	EA	Lavatory Automatic Faucets, Battery (Sloan EBF85-4)	1,389.29	95.96
22 42 39 00-0117	EA	Electronic Gooseneck Faucet (Chicago Faucet 116.103.AB.1)	958.93	95.96
22 42 39 00-0118	EA	Electronic Lavatory Faucet (Chicago Faucet 116.112.AB.1)	1,000.76	88.36
22 42 39 00-0119	EA	Electronic Soap Dispenser And Faucet Combination (Sloan Optima ESD-30880)	1,489.74	95.96
22 42 39 00-0120	EA	Electronic Soap Dispenser And Faucet Combination (Sloan Optima ESD-30880-BDT)	1,867.46	95.96
22 42 39 00-0121	EA	Electronic Soap Dispenser And Faucet Combination (Sloan Optima ESD-35187)	1,743.60	95.96
22 42 39 00-0122	EA	Solar Powered, Electronic Lavatory Faucet With Integral Mixing Valve (Sloan Solis EAF-275-ISM)	1,214.87	88.36
22 42 39 00-0123	EA	Deck Mount, AC Power, Electronic Lavatory Faucet (T&S Brass EC1100)	1,038.35	88.36
22 42 39 00-0124	EA	Wall Mount, AC Power, Electronic Lavatory Faucet (T&S Brass EC1101)	1,097.43	88.36
22 42 39 00-0125	EA	Deck Mount, AC Power, Spout Version, Electronic Lavatory Faucet (T&S Brass EC1102)	949.73	88.36
22 42 39 00-0126	EA	Deck Mount, DC Power, Electronic Lavatory Faucet (T&S Brass EC2100)	1,097.43	88.36
22 42 39 00-0127	EA	Deck Mount, DC Power, Spout Version, Electronic Lavatory Faucet (T&S Brass EC2102)	957.96	88.36
22 42 39 00-0128	EA	Deck Mount, AC Power, Electronic Lavatory Gooseneck Faucet (T&S Brass EC3100)	957.96	88.36
22 42 39 00-0129	EA	Wall Mount, AC Power, Electronic Lavatory Gooseneck Faucet (T&S Brass EC3101)	1,079.43	88.36
22 42 39 00-0130	EA	Deck Mount, AC Power, Spout Version, Electronic Lavatory Faucet (T&S Brass EC3102)	914.44	88.36
22 42 39 00-0131	EA	4" Deck Mount, AC Power, Spout Version, Electronic Lavatory Faucet (T&S Brass EC3103)	877.18	88.36
22 42 39 00-0132	EA	Self-Generating EcoPower System, Single Supply Sensor Faucet, Standard Spout (Toto "Eco-Power" TEL3GKCN-60)	1,456.31	88.36
22 42 39 00-0133		**Other Trim** *(22 42 39)*		
22 42 39 00-0134	EA	Plastic Raised Toilet Seat, 4-1/2" Of Rise	160.58	17.26
22 42 39 00-0135	EA	Faucet Aerator, Male Thread 13/16" Male, 2 GPM (Delta RP330)	19.81	5.75
22 42 39 00-0136	EA	1-1/2" Pop-up Tailpiece (Chicago Faucet 226-ACP)	136.14	17.26
22 42 39 00-0137	EA	1-1/4" Grid Strainer Tailpiece (Chicago Faucet 327-XCP)	53.63	14.38
22 42 39 00-0138	EA	1-1/2" Grid Strainer Tailpiece (Chicago Faucet 327-X1-1/2TPCP)	122.72	14.38
22 42 39 00-0139	EA	Lavatory Drainline Guard And Shutoff Covers (IPS Truebro Lav Guard 102)	63.92	15.90
22 42 39 00-0140	EA	Soft Lavatory Drainline Guard And Shutoff Covers (IPS Truebro Soft-Guard Plus)	66.79	15.90
22 42 39 00-0141	EA	Lavatory Protective Enclosure (IPS Truebro Lav Shield)	165.29	15.90
22 42 39 00-0142	EA	36" Wide, Undersink Protective Enclosure (IPS Truebro Basin Guard)	202.21	15.90
22 42 39 00-0143	EA	42" Wide, Undersink Protective Enclosure (IPS Truebro Basin Guard)	229.03	15.90
22 42 39 00-0144	EA	1/2" NPT x 3/8" Compression Chrome, Quarter Turn Angle Stop (SharkBite 23036)	39.49	11.12
22 42 39 00-0145	EA	1/2" NPT x 3/8" Compression Chrome, Quarter Turn Straight Stop (SharkBite 23037)	39.49	11.12
22 42 39 00-0146	EA	1/2" NPT x 3/8" Compression Chrome, Quarter Turn Dual Angle Stop (SharkBite 25558)	55.20	11.12
22 42 39 00-0147	PR	Pair of 16" Long, 3/8" OD x 1/2" IPS, Stainless Steel Braided Sink Supply Line	37.20	12.22
22 42 39 00-0148	EA	12" Long, 3/8" OD x 7/8" BC, Stainless Steel Braided Toilet Supply Line	23.21	7.19
22 42 39 00-0149	EA	12" Long, 1/2" OD x 7/8" BC, Stainless Steel Braided Toilet Supply Line	23.92	7.19
22 42 39 00-0150		**Removal And Reinstallation Of Fixtures And Trim** *(22 42 39)* Note: Includes storage, cleaning and supply materials for reconnecting pipe to fixture.		
22 42 39 00-0151	EA	Removal And Reinstallation Of Faucet	92.04	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 43		**Flushometers** *(22 42)*		
22 42 43 00-0001		Water Closet Flush Valves *(22 42 43)*		
22 42 43 00-0002	EA	Exposed Manual Water Closet Flush Valve (Sloan Regal-115)	322.20	36.13
22 42 43 00-0003	EA	Exposed Manual Water Closet Flush Valve (Sloan Regal-113-1.6)	311.80	36.13
22 42 43 00-0004	EA	Exposed Manual Water Closet Flush Valve (Sloan Regal-110 Or 111)	364.05	36.13
22 42 43 00-0005	EA	Back Spud, Concealed Manual Water Closet Flush Valve (Sloan Royal-140)	502.87	36.13
22 42 43 00-0006	EA	Top Spud, Concealed Nanual Water Closet Flush Valve (Sloan Royal-142)	561.59	36.13
22 42 43 00-0007	EA	Exposed Infrared Water Closet Flush Valve (Sloan Royal 115-1.6 ES-S)	1,043.69	36.13
22 42 43 00-0008	EA	Concealed Infrared Water Closet Flush Valve, Back Spud (Sloan Royal-140 ES-S)	1,040.25	36.13
22 42 43 00-0009	EA	Concealed Infrared Water Closet Flush Valve, Top Spud (Sloan Royal-153-1.6-ES-S)	1,099.48	36.13
22 42 43 00-0010	EA	Exposed Battery Powered Water Closet Flush Valve (Sloan G2 Optima Plus 8113)	1,019.95	36.13
22 42 43 00-0011	EA	Dual Flush Water Closet Flush Valve (Sloan Uppercut WES-115) Note: "Green". 1.6 Gallons or 1.1 Gallons per flush. Includes instructional placards on proper operation.	442.96	36.13
22 42 43 00-0012	EA	Exposed Battery Powered Water Closet Flush Valve (Sloan G2 Optima Plus 8110)	816.63	36.13
22 42 43 00-0013	EA	Side Mount Battery Powered Water Closet/Urinal Automatic Flush Retrofit Converters (Sloan Optima EBV-89A)	440.60	36.13
22 42 43 00-0014	EA	Side Mount Battery Powered Water Closet/Urinal Automatic Flush Retrofit Converters (Technical Concepts 40118X)	438.45	36.13
22 42 43 00-0015	EA	Slide Over Handle Battery Powered Water Closet/Urinal Automatic Flush Retrofit Converters (Sloan Optima Smooth EBV-200A)	447.29	31.78
22 42 43 00-0016	EA	Slide Over Handle Battery Powered Water Closet/Urinal Automatic Flush Retrofit Converters (Technical Concepts 40180X)	487.21	31.78
22 42 43 00-0017	EA	6 Volt DC, 120 Volt AC Hardwired Power Transformer (Sloan EL-451)	144.71	5.80
22 42 43 00-0018	EA	Exposed Solar/Battery Powered Water Closet Flush Valve (Sloan Solis 8111-1.28)	553.84	36.13
22 42 43 00-0019		Urinal Flush Valves *(22 42 43)*		
22 42 43 00-0020	EA	Exposed Manual Urinal Flush Valve, 3/4" Top Spud Note: 0.5, 1.0 or 1.5 GPF.	274.31	36.13
22 42 43 00-0021	EA	1-1/4" Top Spud, Exposed Manual Urinal Flush Valve (Sloan Regal 180) Note: 1.0, 1.5 or 3.5 GPF.	296.44	36.13
22 42 43 00-0022	EA	Back Spud, Concealed Manual Urinal Flush Valve (Sloan Royal 195) Note: 1.0 or 1.5 GPF.	402.22	36.13
22 42 43 00-0023	EA	Top Spud, Concealed Manual Urinal Flush Valve (Sloan Royal 197) Note: 1.0 or 1.5 GPF.	489.36	36.13
22 42 43 00-0024	EA	Exposed Infrared Urinal Flush Valve (Sloan Royal 186-ES-S) Note: 1.0 or 1.5 GPF.	776.61	36.13
22 42 43 00-0025	EA	Back Spud, Concealed Infrared Urinal Flush Valve (Sloan Royal 195-WB-ES-S) Note: 0.5, 1.0 or 1.5 GPF.	1,047.77	36.13
22 42 43 00-0026	EA	Top Spud, Concealed Infrared Urinal Flush Valve (Sloan Royal 197-WB-ES-S) Note: 0.5, 1.0 or 1.5 GPF.	1,176.91	36.13
22 42 43 00-0027	EA	Top Spud, Exposed Battery Powered Urinal Flush Valve (Sloan G2 Opt+8186-1) Note: 1.0 GPF.	763.65	36.13
22 42 43 00-0028	EA	Exposed Infrared Urinal Flush Valve (3/4" V.B.) (Toto EcoPower TEU1LN12) Note: 0.5 GPF.	1,155.57	36.13
22 42 43 00-0029	EA	Top Spud, Exposed Solar/Battery Powered Urinal Flush Valve (Sloan Solis 8186-0.13) Note: 0.13 GPF.	500.86	36.13
22 42 43 00-0030		Removal And Reinstallation Of Fixtures And Trim *(22 42 43)* Note: Includes storage, cleaning and supply materials for reconnecting pipe to fixture.		
22 42 43 00-0031	EA	Removal And Reinstallation Of Flush Valve	143.82	
22 42 43 00-0032		Plumbing Control Transformers *(22 42 43)*		
22 42 43 00-0033	EA	6 Volt DC, 120 Volt AC Plug In Style Power Transformer (Zurn P6000-PC6)	66.12	
22 42 46		**Chemical Toilets** *(22 42)* Note: Includes toilet, urinal, holding tank, and ventilation system. Building to be priced separately.		
22 42 46 00-0001		Standard Chemical Toilets *(22 42 46)*		
22 42 46 00-0002		Small Tank Chemical Toilets *(22 42 46 00-0001)*		
22 42 46 00-0003	EA	Chemical Toilet, Small Tank 7,000 Uses/Year	4,402.93	1,059.52
		For Extra Urinal, Add	*143.63*	
22 42 46 00-0004		Medium Tank Chemical Toilets *(22 42 46 00-0001)*		
22 42 46 00-0005	EA	Chemical Toilet, Medium Tank 13,000 Uses/Year	5,232.18	1,261.90
		For Extra Urinal, Add	*170.04*	
22 42 46 00-0006		Large Tank Chemical Toilets *(22 42 46 00-0001)*		
22 42 46 00-0007	EA	Chemical Toilet, Large Tank 28,000 Uses/Year	6,314.35	1,431.42
		For Extra Urinal, Add	*230.97*	

22 45 Emergency Plumbing Fixtures *(22 40)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 45 13		**Emergency Showers** *(22 45)*		
22 45 13 00-0001		Emergency Drench Showers *(22 45 13)*		
22 45 13 00-0002		Emergency Drench Showers (Haws) *(22 45 13 00-0001)*		
		Note: Includes one pull rod.		
22 45 13 00-0003	EA	Horizontal Or Vertical Mounted, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead (Haws 8122)	698.29	185.42
22 45 13 00-0004	EA	Horizontal Or Vertical Mounted, Emergency Drench Shower With Axion® MSR Stainless Steel Showerhead (Haws 8123)	799.91	185.42
22 45 13 00-0005	EA	Horizontal Mounted, Barrier-Free, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead (Haws 8122HWC)	856.37	185.42
22 45 13 00-0006	EA	Horizontal Or Vertical Mounted, Corrosion Resistant, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead (Haws 8130)	1,025.75	185.42
22 45 13 00-0007	EA	Horizontal Mounted, All Stainless Steel, Corrosion Resistant, Emergency Drench Shower With Axion® MSR Stainless Steel Showerhead (Haws 8133H)	1,375.79	185.42
22 45 13 00-0008	EA	Floor Mounted, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead (Haws 8100)	1,090.02	211.90
22 45 13 00-0009	EA	Wall Mounted, Freeze Protected, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Stainless Steel Push Flag (Haws 8111FP)	1,193.81	238.40
22 45 13 00-0010	EA	Flush To Ceiling, Emergency Drench Shower With Axion® MSR Stainless Steel Showerhead (Haws 8169)	1,086.54	238.40
22 45 13 00-0011	EA	Concealed Ceiling Supply, Emergency Drench Shower With Axion® MSR Stainless Steel Showerhead (Haws 8163)	1,109.13	238.40
22 45 13 00-0012	EA	Flush To Ceiling, Emergency Drench Shower With Axion® MSR Stainless Steel Showerhead And Pull Down Lever Ball Valve Mounted In A Recessed Stainless Steel Cabinet (Haws 8164)	1,532.56	238.40
22 45 13 00-0013		Emergency Drench Showers (Speakman) *(22 45 13 00-0001)*		
		Note: Includes one pull rod.		
22 45 13 00-0014	EA	Vertical Mounted, Lifesaver® Emergency Drench Shower With Plastic Showerhead (Speakman SE-220)	618.10	185.42
22 45 13 00-0015	EA	Horizontal Mounted, Lifesaver® Emergency Drench Shower With Plastic Showerhead (Speakman SE-227)	636.57	185.42
22 45 13 00-0016	EA	Floor Mounted, Lifesaver® Emergency Drench Shower With Plastic Showerhead (Speakman SE-253)	999.41	211.90
22 45 16		**Eyewash Equipment** *(22 45)*		
22 45 16 00-0001		Emergency Eyewash Equipment *(22 45 16)*		
22 45 16 00-0002		Emergency Eyewash Equipment (Haws) *(22 45 16 00-0001)*		
22 45 16 00-0003	EA	Faucet Mounted, Stainless Steel Emergency Eyewash (Haws Axion® eyePOD® 7620)	304.18	5.30
22 45 16 00-0004	EA	Wall Mounted, Freeze Protected, Emergency Eye Wash With Soft-Flo Heads And Stainless Steel Bowl (Haws 7433FP)	1,442.23	238.40
22 45 23		**Personal Eyewash Equipment** *(22 45)*		
22 45 23 00-0001		Portable Eyewash Equipment *(22 45 23)*		
22 45 23 00-0002		Portable Eyewash Equipment (Bradley) *(22 45 23 00-0001)*		
22 45 23 00-0003	EA	Wall Mounted, Portable Gravity Fed Eyewash Unit With Clear Tank (Bradley S19-921)	304.18	15.90
22 45 23 00-0004	EA	Wall Mounted, Portable Gravity Fed Eyewash Unit With Insulated Heater Jacket (Bradley S19-921H)	1,595.38	15.90
22 45 23 00-0005	EA	5 Gallon Portable Pressurized Tank With Eyewash Only (Bradley S19-671)	727.80	
22 45 23 00-0006	EA	5 Gallon Portable Pressurized Tank With Eyewash And 8' Drench Hose For Facewash (Bradley S19-672)	868.20	
22 45 26		**Eye/Face Wash Equipment** *(22 45)*		
22 45 26 00-0001		Emergency Eye/Face Wash Equipment *(22 45 26)*		
22 45 26 00-0002		Emergency Eye/Face Wash Equipment (Haws) *(22 45 26 00-0001)*		
22 45 26 00-0003	EA	Unmounted, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl (Haws 7460)	756.07	132.45
		Note: Excludes p-trap and tailpiece.		
22 45 26 00-0004	EA	Wall Mounted, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly Without Receptor (Haws 7324)	760.39	185.42
22 45 26 00-0005	EA	Wall Mounted, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Plastic Bowl (Haws 7260B-7270B)	743.46	185.42
		Note: Excludes p-trap and tailpiece.		
22 45 26 00-0006	EA	Wall Mounted, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Plastic Bowl (Haws 7260BT-7270BT)	810.08	185.42
		Note: Excludes p-trap and tailpiece.		
22 45 26 00-0007	EA	Wall Mounted, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl (Haws 7360B-7460B)	816.85	185.42
		Note: Excludes p-trap and tailpiece.		
22 45 26 00-0008	EA	Wall Mounted, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl (Haws 7360BT-7460BT)	897.02	185.42
		Note: Excludes p-trap and tailpiece.		
22 45 26 00-0009	EA	Wall Mounted, Barrier-Free, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl (Haws 7360BTWC)	1,217.71	185.42
22 45 26 00-0010	EA	Wall Mounted, All Stainless Steel, Corrosion Resistant, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl And Dust Cover (Haws 7778B)	2,290.42	185.42
22 45 26 00-0011	EA	Pedestal Mounted, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Plastic Bowl (Haws 7261-7271)	931.94	211.90
22 45 26 00-0012	EA	Pedestal Mounted, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl (Haws 7361-7461)	1,061.79	211.90

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 45 26 00-0013	EA	Pedestal Mounted, All Stainless Steel, Corrosion Resistant, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl (Haws 7777)	2,371.63	211.90
22 45 26 00-0014	EA	Sink Mounted, Swing-Away, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly (Haws 7611)	631.01	52.98
22 45 26 00-0015	EA	Right Side Sink Mounted, Swing-Away, Emergency Eye/Face Wash With Stainless Steel Axion® MSR Wash Head Assembly (Haws 7612)	608.43	52.98
22 45 26 00-0016	EA	Left Side Sink Mounted, Swing-Away, Emergency Eye/Face Wash With Stainless Steel Axion® MSR Wash Head Assembly (Haws 7612LH)	636.66	52.98
22 45 26 00-0017	EA	Wall Or Deck Mounted, Barrier-Free, Swing-Down, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly (Haws 7610)	800.39	52.98
22 45 26 00-0018	EA	Recessed Wall Mounted, Barrier-Free, Pull Down, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Cabinet (Haws 7655WCC)	1,952.51	264.88
22 45 26 00-0019	EA	Surface Wall Mounted, Wheelchair Accessible, Pull Down, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Cabinet (Haws 7655WCSM)	2,360.34	211.90
22 45 26 00-0020	EA	Recessed Wall Mounted, Barrier-Free, Pull Down, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Cabinet And Drain Pan (Haws 7656WCC)	2,426.77	264.88
22 45 26 00-0021	EA	Surface Wall Mounted, Wheelchair Accessible, Pull Down, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Cabinet And Drain Pan (Haws 7656WCSM)	2,845.88	211.90

22 45 26 00-0022 Emergency Eye/Face Wash Equipment (Speakman) *(22 45 26 00-0001)*

22 45 26 00-0023	EA	Wall Mounted, Lifesaver® Emergency Eye/Face Wash And Plastic Bowl (Speakman SE-495)	695.05	185.42
22 45 26 00-0024	EA	Floor Mounted, DuraJade™ Finish, Lifesaver® Emergency Eye/Face Wash And Plastic Bowl (Speakman SE-496)	851.66	211.90

22 45 29 Hand-Held Emergency Drench Hoses *(22 45)*

22 45 29 00-0001 Hand-Held Emergency Eye/Face/Body Wash With Hose *(22 45 29)*

22 45 29 00-0002 Hand-Held Emergency Eye/Face/Body Wash With Hose (Haws) *(22 45 29 00-0001)*

22 45 29 00-0003	EA	Counter Mounted, Hand-Held Emergency Eye/Face/Body Wash With Axion® MSR Wash Head Assembly And 8' Hose (Haws 8904)	674.45	66.22
22 45 29 00-0004	EA	Wall Mounted, Hand-Held Emergency Eye/Face/Body Wash With Axion® MSR Wash Head Assembly And 12' Recoil Hose (Haws 8905)	776.08	66.22

22 45 33 Combination Emergency Fixture Units *(22 45)*

22 45 33 00-0001 Emergency Shower With Eye/Face Wash *(22 45 33)*

22 45 33 00-0002 Emergency Shower With Eye/Face Wash (Haws) *(22 45 33 00-0001)*

22 45 33 00-0003	EA	Floor Mounted, All Stainless Steel, Corrosion Resistant, Emergency Drench Shower With Axion® MSR Stainless Steel Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl (Haws 8330)	3,991.51	344.35
22 45 33 00-0004	EA	Floor Mounted, Freeze Protected, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eyewash With Soft-Flo Heads And Stainless Steel Bowl (Haws 8300FP) Note: Includes freeze protection bury valve.	2,704.26	344.35
22 45 33 00-0005	EA	Floor Mounted, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl (Haws 8300-8309)	1,885.61	344.35
22 45 33 00-0006	EA	Floor Mounted, Freeze Protected, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eyewash With Soft-Flo Heads And Stainless Steel Bowl (Haws 8300.158)	2,997.84	344.35
22 45 33 00-0007	EA	Floor Mounted, Corrosion Resistant, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl (Haws 8300CRP-8309CRP)	2,201.78	344.35
22 45 33 00-0008	EA	Floor Mounted, Barrier-Free, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl (Haws 8309WC)	2,071.92	344.35
22 45 33 00-0009	EA	Floor Mounted, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly (Haws 8317)	1,772.69	344.35
22 45 33 00-0010	EA	Floor Mounted, Corrosion Resistant, PVC Plastic, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly And Plastic Bowl (Haws 8336)	2,896.22	344.35
22 45 33 00-0011	EA	Recessed Wall Mounted, Barrier-Free, Pull Down, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly With Stainless Steel Cabinet And Ceiling Mounted Axion® MSR Stainless Steel Showerhead (Haws 8355WCC)	3,172.86	344.35
22 45 33 00-0012	EA	Recessed Wall Mounted, Barrier-Free, Pull Down, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly With Stainless Steel Cabinet And Wall Mounted Axion® MSR Stainless Steel Showerhead (Haws 8355WCW)	3,234.97	344.35
22 45 33 00-0013	EA	Recessed Wall Mounted, Barrier-Free, Pull Down, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly With Stainless Steel Cabinet And Drain Pan And Ceiling Mounted Axion® MSR Stainless Steel Showerhead (Haws 8356WCC)	3,613.24	344.35
22 45 33 00-0014	EA	Recessed Wall Mounted, Barrier-Free, Pull Down, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly With Stainless Steel Cabinet And Drain Pan, Daylight Drain And Wall Mounted Axion® MSR Stainless Steel Showerhead (Haws 8356WCDD)	3,833.43	344.35
22 45 33 00-0015	EA	Recessed Wall Mounted, Barrier-Free, Pull Down, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly With Stainless Steel Cabinet And Drain Pan And Wall Mounted Axion® MSR Stainless Steel Showerhead (Haws 8356WCW)	3,771.32	344.35
22 45 33 00-0016	EA	Floor Mounted, 120 Volt AC Cable Heated, Freeze Protected, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly (Haws 8317CTFP)	5,634.45	344.35
22 45 33 00-0017	EA	Floor Mounted, 220 Volt AC Cable Heated, Freeze Protected, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly (Haws 8317CTFP.220V)	5,939.33	344.35
22 45 33 00-0018	EA	Floor Mounted, C1D1 Rated, 120 Volt AC Cable Heated, Freeze Protected, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly (Haws 8317CTFPC1D1)	12,544.97	344.35
22 45 33 00-0019	EA	Floor Mounted, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly And Plastic Bowl (Haws 8320-8325)	1,772.69	344.35

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 45 33 00-0020	EA	Floor Mounted, Corrosion Resistant, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly And Plastic Bowl (Haws 8320CRP)	2,004.17	344.35
22 45 33 00-0021		Emergency Shower With Eye/Face Wash (Speakman) *(22 45 33 00-0001)*		
22 45 33 00-0022	EA	Floor Mounted, Emergency Drench Shower With Plastic Showerhead And Eye/Face Wash With Plastic Bowl (Speakman SE-690)	1,686.89	344.35
22 45 36		**Emergency Fixture Water-Tempering Equipment** *(22 45)*		
22 45 36 00-0001		Emergency Fixture Water-Tempering Equipment *(22 45 36)*		
22 45 36 00-0002		Emergency Fixture Water-Tempering Equipment (Haws) *(22 45 36 00-0001)*		
22 45 36 00-0003	EA	10 GPM, 1/2" Inlet, 1/2" Outlet, Brass Thermostatic Mixing/Tempering Valve (Haws 9201EW)	713.97	66.22
22 45 36 00-0004	EA	12 GPM, 1/2" Inlet, 3/4" Outlet, Brass Thermostatic Mixing/Tempering Valve (Haws 9201EFE)	1,047.08	66.22
22 45 36 00-0005	EA	31 GPM, 1-1/4" Inlet, 1-1/4" Outlet, Brass Thermostatic Mixing/Tempering Valve (Haws 9201E)	1,538.27	66.22
22 45 36 00-0006	EA	78 GPM, 1-1/4" Inlet, 1-1/4" Outlet, Brass Thermostatic Mixing/Tempering Valve (Haws 9202E)	1,814.91	66.22
22 45 36 00-0007	EA	31 GPM, 1" Inlet, 1-1/4" Outlet, Secondary High Temperature Limit Valve, Lead Free, Brass Thermostatic Mixing/Tempering Valve (Haws 9201H)	2,571.46	66.22
22 45 36 00-0008	EA	12 GPM, 1/2" Inlet, 3/4" Outlet, Secondary High Temperature Limit Valve, Brass Thermostatic Mixing/Tempering Valve (Haws TWBS.EWE)	2,712.60	66.22
22 45 36 00-0009	EA	74 GPM, 1-1/4" Inlet, 1-1/4" Outlet, Secondary High Temperature Limit Valve, Lead Free, Brass Thermostatic Mixing/Tempering Valve (Haws TWBS.SHE)	4,558.80	66.22
22 45 36 00-0010	EA	78 GPM, 2" Inlet, 2" Outlet, Secondary High Temperature Limit Valve, Lead Free, Brass Thermostatic Mixing/Tempering Valve (Haws TWBS.HF)	5,479.07	66.22
22 45 36 00-0011	EA	1/2" Inlet, 1/2" Outlet, Brass Scald Protection Bleed Valve (Haws SP157B)	798.66	66.22
22 45 39		**Emergency Plumbing Fixture Accessories** *(22 45)*		
22 45 39 00-0001		Emergency Plumbing Fixture Accessories *(22 45 39)*		
22 45 39 00-0002		Emergency Plumbing Fixture Accessories (Haws) *(22 45 39 00-0001)*		
22 45 39 00-0003	EA	Pedestal Mounted, Powder Coated Aluminum Foot Control Assembly For Hands Free Activation Of Emergency Plumbing Fixtures (Haws SP220)	183.53	21.19
22 45 39 00-0004	EA	Wall Mounted, Powder Coated Aluminum Foot Control Assembly For Hands Free Activation Of Emergency Plumbing Fixtures (Haws SP220W)	256.92	21.19
22 45 39 00-0005	EA	Pedestal Mounted, Stainless Steel Foot Control Assembly For Hands Free Activation Of Emergency Plumbing Fixtures (Haws SP220SS)	268.21	21.19
22 45 39 00-0006	EA	Axion® MSR Stainless Steel Showerhead For Emergency Drench Showers (Haws SP829SS)	298.19	7.95
22 45 39 00-0007	EA	Stainless Steel Dust Cover For Emergency Eye/Face Wash Bowls (Haws 9102)	304.18	5.30
22 45 39 00-0008	EA	3-Sided ABS Plastic Safety Sign For Emergency Combination Shower And Eyewash Units (Haws 9020)	331.71	10.60
22 45 39 00-0009	EA	Emergency Body Spray Kit With 8' Hose And ABS Plastic Head For Emergency Plumbing Fixtures (Haws 8901RFK)	582.37	79.47
22 45 39 00-0010	EA	Class 1, Div. 1, Group B, C And D, Indicator Light For Emergency Plumbing Fixtures (Haws 8317IDLTEXP)	600.37	34.83
22 45 39 00-0011	EA	Vapor Tight And Gasketed, Green Area Light For Emergency Plumbing Fixtures (Haws 8317LT)	893.95	34.83
22 45 39 00-0012	EA	Privacy Curtain For Horizontal Emergency Drench Shower Or Combination Emergency Drench Shower And Eyewash Units (Haws 9037)	1,047.08	79.47
22 45 39 00-0013	EA	Class 1, Div. 1, Group B, C And D, White Area Light For Emergency Plumbing Fixtures (Haws 8317LTEXP)	1,994.89	34.83
22 45 39 00-0014	EA	1/2" Supply, Emergency Alarm And Light System For Emergency Plumbing Fixtures (Haws 9001.5)	2,208.25	116.11
22 45 39 00-0015	EA	1-1/4" Supply, Emergency Alarm And Light System For Emergency Plumbing Fixtures (Haws 9001)	2,253.41	116.11
22 45 39 00-0016	EA	1-1/4" Supply, Class 1, Division 2, Groups B, C, And D Emergency Alarm And Light System For Emergency Plumbing Fixtures (Haws 9001EXP)	4,184.30	116.11
22 45 39 00-0017	EA	1-1/4" Supply, 90 db, Class 1, Division 1, Groups C And D, Emergency Alarm And Light System For Emergency Plumbing Fixtures (Haws 9001EXPC1D1)	7,967.01	116.11
22 45 39 00-0018		Emergency Plumbing Fixture Accessories (Speakman) *(22 45 39 00-0001)*		
22 45 39 00-0019	EA	Privacy Curtain For Emergency Showers Note: Curtain includes stainless steel curtain rod and mounting accessories.	1,094.85	79.47
22 47		**Drinking Fountains and Water Coolers** *(22 40)*		
22 47 13		**Drinking Fountains** *(22 47)*		
22 47 13 00-0001		Indoor Drinking Fountains *(22 47 13)*		
22 47 13 00-0002		Face Mounted Indoor Drinking Fountain *(22 47 13 00-0001)*		
22 47 13 00-0003	EA	Stainless Steel, Standard Length, Semi-Circular Indoor Drinking Fountain With Bubbler, 180 Degree Push Bar (Halsey-Taylor OVL-II-S)	1,752.49	172.18
22 47 13 00-0004	EA	Stainless Steel, Standard Length, Semi-Circular With Back Panel Indoor Drinking Fountain With Bubbler, 180 Degree Push Bar (Halsey-Taylor OVL-II-SBP)	2,543.11	185.42
22 47 13 00-0005	EA	Stainless Steel, Extended Length, Semi-Circular Indoor Drinking Fountain With Bubbler, 180 Degree Push Bar (Halsey-Taylor OVL-II-E)	2,301.77	172.18
22 47 13 00-0006	EA	Stainless Steel, Extended Length, Semi-Circular With Back Panel Indoor Drinking Fountain With Bubbler, 180 Degree Push Bar (Halsey-Taylor OVL-II-EBP)	2,740.94	185.42
22 47 13 00-0007	EA	Stainless Steel, Standard Length, Rectangle Indoor/Outdoor Drinking Fountain With Bubbler, Rounded Corners (Halsey-Taylor HRFS)	1,182.45	172.18
22 47 13 00-0008	EA	Stainless Steel, Standard Length, Rectangle With Back Panel Indoor/Outdoor Drinking Fountain With Bubbler, Rounded Corners With Back Panel (Halsey-Taylor HRFSBP)	1,411.07	185.42

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22 47 13 00-0009	EA	Stainless Steel, Extended Length, Rectangle Indoor/Outdoor Drinking Fountain With Bubbler, Rounded Corners (Halsey-Taylor HRFE)	1,334.42	172.18
22 47 13 00-0010	EA	Stainless Steel, Extended Length, Rectangle With Back Panel Indoor/Outdoor Drinking Fountain With Bubbler, Rounded Corners (Halsey-Taylor HRFEBP)	1,616.46	185.42
22 47 13 00-0011		**Wall Mounted Indoor Drinking Fountain** *(22 47 13 00-0001)*		
22 47 13 00-0012	EA	Stainless Steel Wall-Mounted Rectangle Indoor Drinking Fountain With Bubbler, Backsplash, Front And Side Push Bars (Halsey-Taylor 5701)	1,218.47	185.42
22 47 13 00-0013	EA	Stainless Steel Wall-Mounted Rectangle Indoor Drinking Fountain/Bottle Filling Station With Bubbler, Backsplash, Front And Side Push Bars (Halsey-Taylor HTHB-HAC8WF)	1,854.99	185.42
22 47 13 00-0014	EA	Bi-Level, Stainless Steel Wall-Mounted Indoor Bottle Filling Station With Drinking Fountains (Halsey-Taylor HTHB-HAC8BLWF)	2,351.78	238.40
22 47 13 00-0015	EA	Bi-Level, Stainless Steel Wall-Mounted Indoor Bottle Filling Station With Drinking Fountains (Elkay VRCGRNTL8WSK)	3,468.80	238.40
22 47 13 00-0016	EA	Bi-Level, Stainless Steel Wall-Mounted Indoor Bottle Filling Station With Drinking Fountains (Elkay EZSTLG8WSLK)	2,981.54	238.40
22 47 13 00-0017	EA	Bi-Level, Stainless Steel Wall-Mounted Indoor Bottle Filling Station With Drinking Fountains (Elkay LZSTL8WSSP)	2,713.02	238.40
22 47 13 00-0018	EA	Stainless Steel Wall-Mounted Indoor Chilled Hands-Free Bottle Filling Station With Vandal-Resistant Drinking Fountain (Elkay LVRC8WSK)	3,061.21	185.42
22 47 13 00-0019	EA	Stainless Steel Wall-Mounted Indoor Chilled Hands-Free Non-Filtered Bottle Filling Station With Vandal-Resistant Drinking Fountain (Elkay VRC8WSK)	2,956.79	185.42
22 47 13 00-0020	EA	Stainless Steel Wall-Mounted Indoor Hands-Free Filtered Bottle Filling Station With Vandal-Resistant Drinking Fountain (Elkay LVRCDWSK)	2,829.18	185.42
22 47 13 00-0021	EA	Stainless Steel Wall-Mounted Indoor Hands-Free Non-Filtered Bottle Filling Station With Vandal-Resistant Drinking Fountain (Elkay VRCDWSK)	2,713.16	185.42
22 47 13 00-0022	EA	Stainless Steel Wall-Mounted High-Efficiency Indoor Chilled Hands-Free Filtered Bottle Filling Station With Vandal-Resistant Drinking Fountain (Elkay LVRCGRN8WSK)	2,469.53	185.42
22 47 13 00-0023	EA	Stainless Steel Wall-Mounted High-Efficiency Indoor Chilled Hands-Free Non-Filtered Bottle Filling Station With Vandal-Resistant Drinking Fountain (Elkay VRCGRN8WSK)	2,365.12	185.42
22 47 13 00-0024	EA	Stainless Steel Wall-Mounted High-Efficiency Indoor Chilled Hands-Free Filtered Bottle Filling Station With Drinking Fountain (Elkay LZSG8WSSK)	2,249.10	185.42
22 47 13 00-0025	EA	Stainless Steel Wall-Mounted Indoor Chilled Filtered Bottle Filling Station With Hands-Free Touchless Sensor Drinking Fountain (Elkay LZO8WSSK)	2,249.10	185.42
22 47 13 00-0026	EA	Stainless Steel Wall-Mounted Indoor Chilled Non-Filtered Bottle Filling Station With Hands-Free Fountain (Elkay EZO8WSSK)	2,144.69	185.42
22 47 13 00-0027	EA	Stainless Steel Wall-Mounted Indoor Chilled Hands-Free Bottle Filling Station With Drinking Fountain (Elkay EZSG8WSSK)	2,144.69	185.42
22 47 13 00-0028	EA	Stainless Steel Wall-Mounted Indoor Chilled Hands-Free Filtered Bottle Filling Station With Drinking Fountain (Elkay LMABF8WSSK)	2,098.29	185.42
22 47 13 00-0029	EA	Stainless Steel Wall-Mounted Indoor Chilled Hands-Free Filtered Bottle Filling Station With Vandal-Resistant Drinking Fountain (Elkay LZS8WSVRSK)	2,098.29	185.42
22 47 13 00-0030	EA	Stainless Steel Wall-Mounted Indoor Chillded Hands-Free Non-Filtered Bottle Filling Station With Drinking Fountain (Elkay EMABF8WSSK)	1,993.87	185.42
22 47 13 00-0031	EA	Stainless Steel Wall-Mounted Indoor Chilled Hands-Free Filtered Bottle Filling Station With Drinking Fountain (Elkay LZS8WSSK)	1,935.87	185.42
22 47 13 00-0032	EA	Stainless Steel Wall-Mounted Indoor Chilled Hands-Free Filtered Bottle Filling Station With Drinking Fountain (Elkay LZS8WSSP)	1,854.66	185.42
22 47 13 00-0033	EA	Stainless Steel Wall-Mounted Indoor Hands-Free Filtered Bottle Filling Station With Drinking Fountain (Elkay LZSDWSSK)	1,819.85	185.42
22 47 13 00-0034	EA	Stainless Steel Wall-Mounted Indoor Hands-Free Non-Filtered Bottle Filling Station With Drinking Fountain (Elkay EMABFDWSLK)	1,703.84	185.42
22 47 13 00-0035	EA	Vinyl Clad Cabinet, Stainless Steel Wall-Mounted Indoor Bottle Filling Station With Drinking Fountain (Elkay EMABF8WSLK)	1,935.87	185.42
22 47 13 00-0036	EA	Vinyl Clad Cabinet, Non-Chilled, Stainless Steel Wall-Mounted Indoor Bottle Filling Station With Drinking Fountain (Elkay EMABFDWSLK)	1,703.84	185.42
22 47 13 00-0037	EA	Vinyl Clad Cabinet, Stainless Steel Wall-Mounted Indoor Bottle Filling Station With Drinking Fountain (Elkay LZS8WSLK)	1,806.10	185.42
22 47 13 00-0038	EA	Vinyl Clad Cabinet, Stainless Steel Wall-Mounted Indoor, Bottle Filling Station With Drinking Fountain (Elkay LZS8WSLP)	1,808.25	185.42
22 47 13 00-0039	EA	Surface Mounted, Stainless Steel, Filtered Non-Refrigerated, Bottle Filling Station Kit (Elkay LZWSSM)	1,493.47	132.45
22 47 13 00-0040	EA	Wall Mounted, Non-Filtered Non-Refrigerated, Retrofit Bottle Filling Station Kit (Elkay EMABFWS-RF)	1,122.23	132.45
22 47 13 00-0041		**Semi-Recessed Indoor Drinking Fountain** *(22 47 13 00-0001)*		
22 47 13 00-0042	EA	Stainless Steel Semi-Recessed Indoor Drinking Fountain With Bubbler (Halsey-Taylor 5801)	1,629.58	198.66
22 47 13 00-0043	EA	Stainless Steel Semi-Recessed Indoor Drinking Fountain With Bubbler And Cuspidor (Halsey-Taylor 5801C)	3,463.66	198.66
22 47 13 00-0044		**Fully Recessed Indoor Drinking Fountain** *(22 47 13 00-0001)*		
22 47 13 00-0045	EA	Stainless Steel Fully-Recessed, With Bubbler, Indoor Drinking Fountain (Halsey-Taylor 8880, Haws 2400)	1,742.95	211.90
22 47 13 00-0046	EA	Stainless Steel Fully-Recessed, With Bubbler And Cuspidor, Indoor Drinking Fountain (Halsey-Taylor 8800 With 10245, Haws 2403)	3,150.03	211.90
22 47 13 00-0047		**Countertop Indoor Drinking Fountain** *(22 47 13 00-0001)*		
22 47 13 00-0048	EA	Stainless Steel Countertop Circular Indoor Drinking Fountain Basin With Pushbutton Bubbler (Halsey-Taylor 10000)	730.02	132.45
22 47 13 00-0049	EA	Stainless Steel Countertop Rectangular Indoor Drinking Fountain Basin With Pushbutton Bubbler (Halsey-Taylor 6000)	703.53	132.45
22 47 13 00-0050	EA	Stainless Steel Countertop Oval Indoor Drinking Fountain Basin With Pushbutton Bubbler (Halsey-Taylor 6028)	848.69	132.45

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22 47 13 00-0051		**Bowl And Bracket Indoor Drinking Fountain** *(22 47 13 00-0001)*		
22 47 13 00-0052	EA	Stainless Steel, Bowl And Bracket With Pushbutton Bubbler, Indoor Drinking Fountain (Halsey-Taylor 2501A)	619.83	132.45
22 47 13 00-0053	EA	Stainless Steel, Bowl And Bracket, Self Closing Lever Handle Stop, Indoor Drinking Fountain (Halsey-Taylor 4540)	742.88	132.45
22 47 13 00-0054		**Multi-Station Indoor Drinking Fountain** *(22 47 13 00-0001)*		
22 47 13 00-0055	EA	Two Station, Stainless Steel, Indoor Drinking Fountains With Bubbler And Built In Backsplash, With Bottom Cover Plate (Halsey-Taylor 7020)	3,271.87	211.90
22 47 13 00-0056	EA	Three Station, Stainless Steel, Indoor Drinking Fountains With Bubbler And Built In Backsplash, With Bottom Cover Plate (Halsey-Taylor 7030)	4,106.75	211.90
22 47 13 00-0057	EA	Two Station, Marblyte, Face-Mounted Indoor Drinking Fountain With Bubblers (Halsey-Taylor 7120)	3,122.36	211.90
22 47 13 00-0058	EA	Two Station, White Enameled Iron Indoor Drinking Fountains With Bubblers (Haws 1430)	2,638.26	211.90
22 47 13 00-0059	EA	Three Station, White Enameled Iron Indoor Drinking Fountains With Bubblers (Haws 1435)	3,314.26	211.90
22 47 13 00-0060	EA	Bi-Level, Stainless Steel, Indoor Drinking Fountain With Bubblers And Back Panel (Halsey-Taylor HRFSEBP, Haws 1119.14 With 6700.4)	2,900.01	270.31
22 47 13 00-0061	EA	Two Station, Cast Aluminum Indoor Drinking Fountains With Bubblers (Haws 1441)	5,408.68	211.90
22 47 13 00-0062	EA	Three Station, Cast Aluminum Indoor Drinking Fountains With Bubblers (Haws 1408)	5,312.63	211.90
22 47 13 00-0063		**Outdoor Drinking Fountains** *(22 47 13)*		
22 47 13 00-0064		**Face Mounted Outdoor Drinking Fountains** *(22 47 13 00-0063)*		
22 47 13 00-0065	EA	Stainless Steel Freeze Resistant Face Mounted Outdoor Drinking Fountain With Bubbler (Halsey-Taylor HRFE-FR)	1,525.57	211.90
22 47 13 00-0066	EA	Stainless Steel Freeze Resistant Face Mounted, With Back Panel, Outdoor Drinking Fountain With Bubbler (Halsey-Taylor HRFEBP-FR)	1,669.44	211.90
22 47 13 00-0067	EA	Stone Aggregate Weather Resistant Face Mounted Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4592)	1,606.97	211.90
22 47 13 00-0068	EA	Stone Aggregate Freeze Resistant Face Mounted Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4592-FR)	2,343.37	211.90
22 47 13 00-0069		**Free Standing Outdoor Drinking Fountains** *(22 47 13 00-0063)*		
22 47 13 00-0070	EA	Steel Pedestal Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4715)	2,867.75	198.66
22 47 13 00-0071	EA	Steel Pedestal Freeze Resistant Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4715-FR)	4,015.89	198.66
22 47 13 00-0072	EA	Steel Barrier-Free Pedestal Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4710)	2,863.94	198.66
22 47 13 00-0073	EA	Steel Barrier-Free Pedestal Freeze Resistant Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4710-FR)	3,942.56	198.66
22 47 13 00-0074	EA	Steel Barrier-Free Bi-level Pedestal Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4720)	4,249.68	211.90
22 47 13 00-0075	EA	Steel Barrier-Free Bi-level Pedestal Freeze Resistant Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4720-FR)	4,326.35	211.90
22 47 13 00-0076	EA	Stone Aggregate Pedestal Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4591)	1,625.90	198.66
22 47 13 00-0077	EA	Stone Aggregate Barrier-Free Pedestal Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4590)	2,784.46	198.66
22 47 13 00-0078	EA	Stone Aggregate Barrier-Free Pedestal Freeze Resistant Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4590-FR)	3,932.60	198.66
22 47 13 00-0079	EA	Stone Aggregate Barrier-Free Bi-level Pedestal Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4595)	4,625.45	211.90
22 47 13 00-0080	EA	Stone Aggregate Barrier-Free Bi-level Pedestal Freeze Resistant Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4595-FR)	6,478.76	211.90
22 47 16		**Pressure Water Coolers** *(22 47)*		
22 47 16 00-0001		**Indoor Water Coolers** *(22 47 16)*		
22 47 16 00-0002		**Face Mounted Indoor Water Coolers** *(22 47 16 00-0001)*		
22 47 16 00-0003	EA	Stainless Steel, Semi-Circular Water Cooler With Bubbler, Face-Mounted, Extended Length, 180 Degree Push Bar, 7.5 GPH (Halsey-Taylor OVL-II ER-Q)	3,287.06	211.90
22 47 16 00-0004	EA	Stainless Steel, Semi-Circular Water Cooler, Electronic Sensor, Face-Mounted, Extended Length, With Bubbler, 7.5 GPH (Halsey-Taylor OVL-II EREE-Q)	3,507.60	211.90
22 47 16 00-0005		**Wall Mounted Indoor Water Coolers** *(22 47 16 00-0001)*		
22 47 16 00-0006	EA	Stainless Steel Wall-Mounted Compact Water Cooler, 4 GPH, With Bubbler, (Halsey-Taylor SW4A-Q)	1,578.58	211.90
22 47 16 00-0007	EA	Stainless Steel Wall-Mounted Compact Water Cooler, 8 GPH, With Bubbler (Halsey-Taylor SW8A-Q)	1,635.37	211.90
22 47 16 00-0008	EA	Stainless Steel Wall-Mounted Compact Water Cooler, 14 GPH, With Bubbler (Halsey-Taylor SW14A-Q)	1,813.31	211.90
22 47 16 00-0009	EA	Stainless Steel Wall-Mounted Vandal Resistant Compact Water Cooler With Bubbler, 8 GPH (Halsey-Taylor SW8A-VR-Q-SS)	1,881.46	211.90
22 47 16 00-0010	EA	Stainless Steel Wall-Mounted Vandal Resistant Barrier Free Water Cooler With Bubbler, 8 GPH (Halsey-Taylor HVR8-CHILD ADA)	1,400.63	211.90
22 47 16 00-0011	EA	Stainless Steel Wall-Mounted Barrier Free Water Cooler With Bubbler, Front And Side Pushbar, 8 GPH (Halsey-Taylor WC8AFS-Q-SS)	1,618.33	211.90
22 47 16 00-0012	EA	Stainless Steel Wall-Mounted Barrier Free Water Cooler With Bubbler, Front And Side Pushbar, 8 GPH (Halsey-Taylor HAC8FS-Q Child SS)	1,278.53	211.90
22 47 16 00-0013	EA	Stainless Steel, Wall Mounted, Barrier Free, Bi-Level Indoor Water Cooler With Bubblers, 8 GPH (Halsey-Taylor HAC8FSBL-Q-SS)	2,138.80	317.86
22 47 16 00-0014		**Simulated Recessed Indoor Water Coolers** *(22 47 16 00-0001)*		
22 47 16 00-0015	EA	Stainless Steel Simulated Recessed Water Cooler With Bubbler, 8 GPH (Halsey-Taylor RWM8A-Q)	1,877.51	211.90

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 47 16 00-0016		**Fully Recessed Indoor Water Coolers** *(22 47 16 00-0001)*		
22 47 16 00-0017	EA	Stainless Steel Fully-Recessed Water Cooler With Bubbler, 8 GPH (Halsey-Taylor RC8A-Q)	3,625.85	238.40
22 47 16 00-0018	EA	Stainless Steel Fully-Recessed Water Cooler With Bubbler And Cup Dispenser, 8 GPH (Halsey-Taylor RC8AQ + 14762)	4,422.50	238.40
22 47 16 00-0019	EA	Stainless Steel Fully-Recessed Water Cooler With Bubbler And Cup Dispenser And Glass Filler, 8 GPH (Halsey-Taylor RC8A-Q-14700)	5,171.61	238.40
22 47 16 00-0020		**Free Standing Indoor Water Coolers** *(22 47 16 00-0001)*		
22 47 16 00-0021	EA	Stainless Steel, Free-Standing Indoor Water Cooler, 4 GPH, With Bubbler (Halsey-Taylor SCWT4A-Q)	1,518.97	185.42
22 47 16 00-0022	EA	Stainless Steel, Free-Standing Indoor Water Cooler, 8 GPH, With Bubbler (Halsey-Taylor SCWT8A-Q)	1,629.71	185.42
22 47 16 00-0023	EA	Stainless Steel, Free-Standing Indoor Water Cooler, 14 GPH, With Bubbler (Halsey-Taylor SCWT14A-Q)	1,846.47	185.42
22 47 16 00-0024	EA	Stainless Steel, Free-Standing Vandal Resistant Water Cooler With Bubbler, 14 GPH (Halsey-Taylor SCWT14A-VR-Q)	2,051.87	185.42
22 47 16 00-0025		**Bottled Water Coolers** *(22 47 16 00-0001)*		
22 47 16 00-0026	EA	Free-Standing Bottled Water Cooler With Chilled Or Room Temperature Water	531.18	105.95
22 47 16 00-0027	EA	Free-Standing Bottled Water Cooler With Chilled Or Hot Water	632.89	105.95
22 47 16 00-0028		**Multi-Station Indoor Water Coolers** *(22 47 16 00-0001)*		
22 47 16 00-0029	EA	Stainless Steel, Wall Mounted, Two Station, Semi-Circular Indoor Water Cooler With Bubblers, 180 Degree Push Bars, 7.5 GPH (Halsey-Taylor OVL-II SER-Q)	4,345.41	317.86
22 47 16 00-0030	EA	Stainless Steel, Wall Mounted, Two Station, Electronic Sensor Semi Circular Indoor Water Cooler With Bubblers, 180 Degree Push Bars, 7.5 GPH (Halsey-Taylor OVL-II-SEREE-Q)	4,983.10	317.86
22 47 16 00-0031	EA	Stainless Steel, Wall Mounted, Barrier Free, Bi-Level, Vandal Resistant Indoor Water Cooler With Bubblers, 8 GPH (Halsey-Taylor HVR8BL-CHILD ADA-SS)	2,315.80	317.86
22 47 16 00-0032		**Outdoor Water Coolers** *(22 47 16)*		
22 47 16 00-0033		**Wall Mounted Outdoor Water Coolers** *(22 47 16 00-0032)*		
22 47 16 00-0034	EA	Stainless Steel, Wall Mounted, Barrier Free, Vandal Resistant, Frost Resistant Outdoor Water Cooler With Bubbler, 8 GPH (Halsey-Taylor HVR8FR-CHILD ADA-SS)	1,626.40	132.45
22 47 16 00-0035	EA	Stainless Steel, Wall Mounted, Barrier Free, Bi-Level, Vandal Resistant Outdoor Water Cooler With Bubblers, 8 GPH (Halsey-Taylor HVR8BLFR-CHILD ADA-SS)	2,786.43	132.45
22 47 16 00-0036		**Free Standing Outdoor Water Coolers** *(22 47 16 00-0032)*		
22 47 16 00-0037	EA	Stainless Steel Free-Standing Outdoor Water Cooler With Bubbler, 14 GPH (Halsey-Taylor HOF14A-Q)	2,681.28	198.66
22 47 16 00-0038	EA	Stainless Steel Free-Standing Frost Resistant Outdoor Water Cooler With Bubbler, 14 GPH (Halsey-Taylor HOF14A-FR-Q)	3,211.34	198.66
22 47 16 00-0039		**Removal And Reinstallation Of Fixtures And Trim** *(22 47 16)*		
		Note: Includes storage, cleaning and supply materials for reconnecting pipe to fixture.		
22 47 16 00-0040	EA	Removal And Reinstallation Of Wall Hung Water Cooler	515.04	
22 47 16 00-0041	EA	Removal And Reinstallation Of Floor Mount Water Cooler	115.06	
22 47 23		**Remote Water Coolers** *(22 47)*		
22 47 23 00-0001		**Remote Chillers** *(22 47 23)*		
22 47 23 00-0002	EA	1.5 GPH Remote Chiller (Halsey-Taylor SJ1-Q)	936.22	71.52
22 47 23 00-0003	EA	5 GPH Remote Chiller (Halsey-Taylor SJ5-Q)	1,419.71	79.47
22 47 23 00-0004	EA	8 GPH Remote Chiller (Halsey-Taylor SJ8-Q)	1,222.82	92.71
22 47 23 00-0005	EA	10 GPH Remote Chiller (Halsey-Taylor SJ10-Q)	1,572.06	105.95
22 47 23 00-0006	EA	19 GPH Remote Chiller (Halsey-Taylor SJ19-Q)	2,461.76	158.93
22 47 23 00-0007	EA	30 GPH Remote Chiller (Halsey-Taylor SJ30-Q)	2,669.01	172.18
22 47 26		**Fixture Carriers** *(22 47)*		
22 47 26 00-0001		**Water Cooler Carriers** *(22 47 26)*		
22 47 26 00-0002		**Floor Mounted, Water Cooler Carriers** *(22 47 26 00-0001)*		
		Note: Includes adjustable supporting rods, structural uprights and welded feet.		
22 47 26 00-0003	EA	Floor Mounted Hanger Plate Type, Single Water Cooler Carrier	581.81	40.27
		For Up To 4" Extension Sleeves And Hardware, Add	*24.54*	
		For Bi-Level Carrier, Add	*279.99*	
22 47 26 00-0004	EA	Floor Mounted Bearing Plate Type, Single Water Cooler Carrier	549.52	40.27
		For Up To 4" Extension Sleeves And Hardware, Add	*24.54*	
		For Bi-Level Carrier, Add	*279.99*	

22 50 Pool and Fountain Plumbing Systems *(22)*

22 51 Swimming Pool Plumbing Systems *(22 50)*

22 51 13 Swimming Pool Piping *(22 51)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 51 13 00-0001		**Swimming Pool Gutters** *(22 51 13)*		
22 51 13 00-0002	LF	Swimming Pool Gutters, Stainless	271.65	23.84
22 51 13 00-0003		**Pool Drains** *(22 51 13)*		
22 51 13 00-0004		**Cast Iron Pool Drain With Bottom Outlet** *(22 51 13 00-0003)*		
		Note: Large square top and 24" loose set round super-flo grate.		
22 51 13 00-0005	EA	Cast Iron Pool Drain, 4" - 8" Bottom Outlet, Large Square Top And 24" Super-Flo Grate	2,835.67	66.75
		For Polished Bronze Top, Add	*769.60*	
		For Chromium Plated Top, Add	*805.00*	
		For Galvanized Top, Add	*276.40*	
		For Vandal Proof Construction, Add	*57.20*	
22 51 13 00-0006		**Cast Iron Pool Drain With Waterproof Flange** *(22 51 13 00-0003)*		
		Note: Bottom outlet 14" square top and loose set square flange.		
22 51 13 00-0007	EA	Cast Iron Pool Drain, 2" - 4" Bottom Outlet With Waterproof Flange And 14" Square Top	798.60	66.75
		For Clamp Device, Add	*13.80*	
		For Galvanized Top, Add	*38.10*	
		For Polished Bronze Top, Add	*133.50*	
		For Chromium Plated Top, Add	*146.90*	
		For Hinge Grate, Add	*28.60*	
		For Supplementary Strainer, Add	*7.00*	
		For Threaded Outlet, Add	*9.50*	
		For Vandal Proof Construction, Add	*17.10*	
		For Ground Screw, Add	*18.30*	
22 51 13 00-0008		**Pool Supply Fittings** *(22 51 13)*		
22 51 13 00-0009		**Cast Iron Pool Supply Fittings** *(22 51 13 00-0008)*		
		Note: Includes polished bronze head and anchor flange and adjustable V-ported valve insert and threaded inlet.		
22 51 13 00-0010	EA	Cast Iron Pool Fitting For 2" Pipe	1,032.21	119.20
		For Galvanized Head, Add	*26.30*	
		For Vandal Proof Construction, Add	*11.50*	
		For Grounding Screw, Add	*18.30*	
22 51 13 00-0011	EA	Cast Iron Pool Fitting For 3" Pipe	1,032.21	119.20
		For Chromium Plated Head, Add	*11.50*	
		For Galvanized Head, Add	*26.30*	
		For Vandal Proof Construction, Add	*11.50*	
		For Grounding Screw, Add	*18.30*	
22 51 16		**Swimming Pool Pumps** *(22 51)*		
22 51 16 00-0001		**Variable Speed Pool Pumps** *(22 51 16)*		
22 51 16 00-0002	EA	3 HP, Variable Speed Pool Pump With Vacuum Release (Pentair INTELLIFLO VS+SVRS 11017)	2,723.49	450.30
22 51 16 00-0003	EA	Variable Speed Pool Pump (Hayward EcoStar SVRS SP3400VSP)	2,982.18	450.30
22 51 16 00-0004	EA	Variable Speed Pool Pump With Vacuum Release (Hayward EcoStar SVRS SP3400VSPVR)	3,329.40	450.30
22 51 16 00-0005		**Electric Powered Portable Vacuum Cleaner Pump** *(22 51 16)*		
		Note: Includes 75' of 3 wire electric safety cord.		
22 51 16 00-0006	EA	1 HP Electric Portable Vacuum Cleaner Pump With 75' Of 3-Wire Safety Cord	368.38	52.98
22 51 16 00-0007	EA	1-1/2 HP Electric Portable Vacuum Cleaner Pump With 75' Of 3-Wire Safety Cord	641.22	52.98
22 51 16 00-0008		**Gasoline Driven Portable Vacuum Cleaner Pump** *(22 51 16)*		
22 51 16 00-0009	EA	3 HP Gasoline Driven Portable Vacuum Cleaner Pump	2,455.08	52.98
22 51 19		**Swimming Pool Water Treatment Equipment** *(22 51)*		
22 51 19 00-0001		**Condensing Pool Water Heater** *(22 51 19)*		
22 51 19 00-0002	EA	372 MBH, 97% Efficient, Gas Fired, Indirect, Condensing Pool Water Heater (Lochinvar XPN400)	40,284.90	759.38
22 51 19 00-0003	EA	467 MBH, 97% Efficient, Gas Fired, Indirect, Condensing Pool Water Heater (Lochinvar XPN501)	43,875.22	911.25
22 51 19 00-0004	EA	567 MBH, 97% Efficient, Gas Fired, Indirect, Condensing Pool Water Heater (Lochinvar XPN601)	48,115.72	987.20
22 51 19 00-0005	EA	660 MBH, 97% Efficient, Gas Fired, Indirect, Condensing Pool Water Heater (Lochinvar XPN701)	59,130.93	1,063.13
22 51 19 00-0006	EA	773 MBH, 97% Efficient, Gas Fired, Indirect, Condensing Pool Water Heater (Lochinvar XPN801)	61,329.02	1,139.07
22 51 19 00-0007	EA	967 MBH, 97% Efficient, Gas Fired, Indirect, Condensing Pool Water Heater (Lochinvar XPN1015)	93,017.82	1,366.89
22 51 19 00-0008	EA	1,257 MBH, 97% Efficient, Gas Fired, Indirect, Condensing Pool Water Heater (Lochinvar XPN1320)	119,243.31	1,442.82
22 51 19 00-0009	EA	1,450 MBH, 97% Efficient, Gas Fired, Indirect, Condensing Pool Water Heater (Lochinvar XPN1520)	124,043.76	1,556.73
22 51 19 00-0010		**Non-Condensing Pool Water Heater** *(22 51 19)*		
22 51 19 00-0011	EA	500 MBH, 89% Efficient, Gas Fired, Copper Finned Tube, Non-Condensing Pool Water Heater (Lochinvar CPN0502)	21,605.78	987.20
22 51 19 00-0012	EA	650 MBH, 89% Efficient, Gas Fired, Copper Finned Tube, Non-Condensing Pool Water Heater (Lochinvar CPN0652)	23,024.91	1,063.13
22 51 19 00-0013	EA	750 MBH, 89% Efficient, Gas Fired, Copper Finned Tube, Non-Condensing Pool Water Heater (Lochinvar CPN0752)	25,086.84	1,139.07

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22 51 19 00-0014	EA	990 MBH, 89% Efficient, Gas Fired, Copper Finned Tube, Non-Condensing Pool Water Heater (Lochinvar CPN0992)	33,172.55	1,366.89
22 51 19 00-0015	EA	1,260 MBH, 89% Efficient, Gas Fired, Copper Finned Tube, Non-Condensing Pool Water Heater (Lochinvar CPN1262)	38,461.15	1,442.82
22 51 19 00-0016	EA	1,440 MBH, 89% Efficient, Gas Fired, Copper Finned Tube, Non-Condensing Pool Water Heater (Lochinvar CPN1442)	41,056.12	1,556.73
22 51 19 00-0017	EA	1,800 MBH, 89% Efficient, Gas Fired, Copper Finned Tube, Non-Condensing Pool Water Heater (Lochinvar CPN1802)	40,665.60	1,632.67
22 51 19 00-0018	EA	2,070 MBH, 89% Efficient, Gas Fired, Copper Finned Tube, Non-Condensing Pool Water Heater (Lochinvar CPN2072)	52,773.79	1,670.64
22 51 19 00-0019		**Swimming Pool Heaters** *(22 51 19)* Note: Excludes wiring, external piping, base or pad. Commercial pools.		
22 51 19 00-0020		**Electric Pool Heaters** *(22 51 19 00-0019)*		
22 51 19 00-0021	EA	12 KW Heater (1 Degree/Hour), For 4,800 Gallon Pool	4,329.51	211.90
22 51 19 00-0022	EA	18 KW Heater (1 Degree/Hour), For 7,200 Gallon Pool	4,839.92	227.80
22 51 19 00-0023	EA	24 KW Heater (1 Degree/Hour), For 9,600 Gallon Pool	5,375.56	264.88
22 51 19 00-0024	EA	30 KW Heater (1 Degree/Hour), For 12,000 Gallon Pool	5,685.67	317.86
22 51 19 00-0025	EA	36 KW Heater (1 Degree/Hour), For 14,400 Gallon Pool	6,243.02	445.00
22 51 19 00-0026	EA	60 KW Heater (1 Degree/Hour), For 24,000 Gallon Pool	7,139.87	635.71
22 51 19 00-0027		**Gas Fired Pool Heaters** *(22 51 19 00-0019)*		
22 51 19 00-0028	EA	120 MBH Output Gas Fired Pool Heater	6,026.57	1,053.06
22 51 19 00-0029	EA	180 MBH Output Gas Fired Pool Heater	6,845.39	1,203.50
22 51 19 00-0030	EA	240 MBH Output Gas Fired Pool Heater	7,734.97	1,353.93
22 51 19 00-0031	EA	300 MBH Output Gas Fired Pool Heater	8,901.10	1,654.81
22 51 19 00-0032	EA	360 MBH Output Gas Fired Pool Heater	9,158.94	1,743.41
22 51 19 00-0033	EA	400 MBH Output Gas Fired Pool Heater	10,737.98	2,134.33
22 51 19 00-0034		**Surge Tanks** *(22 51 19)* Note: Includes 100 GPM vertical pump with 2 HP motor and electronic float switch. Prices are for 1' To 5' sump depth for pump.		
22 51 19 00-0035	EA	1,000 Gallon Surge Tank, With 2 HP Motor With 100 GPM Vertical Pump And Electric Float Switch	22,993.77	861.01
22 51 19 00-0036	EA	1,500 Gallon Surge Tank, With 2 HP Motor With 100 GPM Vertical Pump And Electric Float Switch	25,856.81	861.01
22 51 19 00-0037	EA	2,000 Gallon Surge Tank, With 2 HP Motor With 100 GPM Vertical Pump And Electric Float Switch	31,121.39	1,096.67
22 51 19 00-0038	EA	5,000 Gallon Surge Tank, With 2 HP Motor With 100 GPM Vertical Pump And Electric Float Switch	40,926.79	1,769.91
22 51 19 00-0039		**Diatomite Type Filter System** *(22 51 19)*		
22 51 19 00-0040	EA	35,000 Gallon Filter System, Diatomite	14,703.02	3,011.33
22 51 19 00-0041	EA	45,000 Gallon Filter System, Diatomite	17,529.42	3,613.60
22 51 19 00-0042		**Silver Recovery System, X-Ray Film Processing** *(22 51 19)*		
22 51 19 00-0043	EA	20 Gallon/Day Capacity, Silver Recovery System	2,000.84	359.56
22 51 19 00-0044	EA	40 Gallon/Day Capacity, Silver Recovery System	2,939.66	479.44
22 51 19 00-0045		**Inline Water Filter** *(22 51 19)* Note: 3/8" NPT threaded inlet and outlet, 125 PSI, includes one filter cartridge.		
22 51 19 00-0046	EA	2 GPM Water Filter, 100 Degree Temperature, 8" x 5" Diameter, Plastic Body	262.40	105.95
22 51 19 00-0047	EA	6 GPM Water Filter, 250 Degree Temperature, 12" x 5" Diameter, Stainless Steel Body	480.05	158.93
22 51 19 00-0048		**Swimming Pool Chlorinators** *(22 51 19)*		
22 51 19 00-0049	EA	Swimming Pool Chlorinator, 50-100 PPD, Direct Cylinder Mounted Gas Chlorinator	1,126.18	151.52
22 51 19 00-0050		**Ultra-Violet Pool Treatment Lights** *(22 51 19)*		
22 51 19 00-0051		**Stainless Steel Ultra-Violet Pool Treatment Lights** *(22 51 19 00-0050)* Note: Delta ELP Amalgam Series		
22 51 19 00-0052	EA	3" Flanged, 79 GPM, 2 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing	15,677.67	330.75
22 51 19 00-0053	EA	3" Flanged, 116 GPM, 3 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing	16,578.13	330.75
22 51 19 00-0054	EA	3" Flanged, 158 GPM, 4 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing	17,349.96	330.75
22 51 19 00-0055	EA	4" Flanged, 254 GPM, 5 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing	17,897.29	350.26
22 51 19 00-0056	EA	4" Flanged, 295 GPM, 6 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing	18,279.78	350.26
22 51 19 00-0057	EA	4" Flanged, 329 GPM, 7 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing	21,752.93	350.26
22 51 19 00-0058	EA	6" Flanged, 396 GPM, 6 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing	25,648.08	628.99
22 51 19 00-0059	EA	6" Flanged, 440 GPM, 2 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing	38,075.56	628.99
22 51 19 00-0060	EA	6" Flanged, 650 GPM, 3 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing	41,809.15	628.99
22 51 19 00-0061	EA	8" Flanged, 695 GPM, 3 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing	44,823.81	754.59
22 51 19 00-0062	EA	8" Flanged, 920 GPM, 4 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing	48,149.50	754.59
22 51 19 00-0063	EA	8" Flanged, 1140 GPM, 5 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing	50,471.24	754.59
22 51 19 00-0064	EA	8" Flanged, 1260 GPM, 5 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing	52,981.21	754.59
22 51 19 00-0065	EA	10" Flanged, 1510 GPM, 6 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing	56,901.34	857.72
22 51 19 00-0066	EA	10" Flanged, 1760 GPM, 7 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing	61,293.80	857.72

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22 51 19 00-0067	EA	10" Flanged, 2010 GPM, 8 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing	65,686.23	857.72
22 51 19 00-0068	EA	10" Flanged, 2520 GPM, 10 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing	71,019.92	857.72
22 51 19 00-0069		HDPE Ultra-Violet Pool Treatment Lights *(22 51 19 00-0050)*		
		Note: Delta EL Series		
22 51 19 00-0070	EA	3" Flanged, 116 GPM, 3 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With HDPE Housing	7,786.99	330.75
22 51 19 00-0071	EA	3" Flanged, 158 GPM, 4 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With HDPE Housing	8,665.45	330.75
22 51 19 00-0072	EA	4" Flanged, 254 GPM, 5 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With HDPE Housing	9,573.35	350.26
22 51 19 00-0073		In-Line, Stainless Steel Ultra-Violet Pool Treatment Lights *(22 51 19 00-0050)*		
		Note: Delta EM Series		
22 51 19 00-0074	EA	3" Flanged, 100 GPM, 1 Lamp, 240 Volt, In-Line Ultra-Violet Pool Treatment Light With Stainless Steel Housing	30,376.68	330.75
22 51 19 00-0075	EA	3" Flanged, 170 GPM, 1 Lamp, 240 Volt, In-Line Ultra-Violet Pool Treatment Light With Stainless Steel Housing	30,690.40	330.75
22 51 19 00-0076	EA	6" Flanged, 300 GPM, 1 Lamp, 240 Volt, In-Line Ultra-Violet Pool Treatment Light With Stainless Steel Housing	32,723.08	628.99
22 51 19 00-0077	EA	6" Flanged, 600 GPM, 1 Lamp, 240 Volt, In-Line Ultra-Violet Pool Treatment Light With Stainless Steel Housing	41,470.29	628.99
22 51 19 00-0078	EA	8" Flanged, 1300 GPM, 1 Lamp, 240 Volt, In-Line Ultra-Violet Pool Treatment Light With Stainless Steel Housing	57,875.64	754.59
22 51 19 00-0079	EA	10" Flanged, 2000 GPM, 2 Lamp, 240 Volt, In-Line Ultra-Violet Pool Treatment Light With Stainless Steel Housing	65,309.75	857.72
22 51 19 00-0080	EA	12" Flanged, 3000 GPM, 3 Lamp, 240 Volt, In-Line Ultra-Violet Pool Treatment Light With Stainless Steel Housing	76,987.50	1,109.93
22 51 19 00-0081	EA	12" Flanged, 4000 GPM, 4 Lamp, 240 Volt, In-Line Ultra-Violet Pool Treatment Light With Stainless Steel Housing	86,399.86	1,109.93
22 51 23		**Swimming Pool Equipment Controls** *(22 51)*		
22 51 23 00-0001		Pool Pump Variable Frequency Drive *(22 51 23)*		
		Note: Pentair Acu Drive XS		
22 51 23 00-0002	EA	3 HP, 230 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD030-2303-N01)	4,569.02	222.91
22 51 23 00-0003	EA	5 HP, 230 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD050-2303-N01)	4,904.82	250.78
22 51 23 00-0004	EA	7-1/2 HP, 230 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD075-2303-N01)	5,873.51	313.48
22 51 23 00-0005	EA	10 HP, 230 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD100-2303-N01)	6,242.64	374.08
22 51 23 00-0006	EA	15 HP, 230 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD150-2303-N01)	6,678.52	435.38
22 51 23 00-0007	EA	20 HP, 230 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD200-2303-N01)	7,568.90	497.38
22 51 23 00-0008	EA	3 HP, 460 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD030-4603-N01)	4,574.81	222.91
22 51 23 00-0009	EA	5 HP, 460 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD050-4603-N01)	4,821.88	250.78
22 51 23 00-0010	EA	7-1/2 HP, 460 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD075-4603-N01)	5,194.50	313.48
22 51 23 00-0011	EA	10 HP, 460 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD100-4603-N01)	5,582.92	374.08
22 51 23 00-0012	EA	15 HP, 460 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD150-4603-N01)	6,584.00	435.38
22 51 23 00-0013	EA	20 HP, 460 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD200-4603-N01)	7,312.34	497.38
22 51 23 00-0014	EA	3 HP, Fused Bypass, 230 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD030-2303-N01FB)	5,907.75	222.91
22 51 23 00-0015	EA	5 HP, Fused Bypass, 230 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD050-2303-N01FB)	6,793.31	250.78
22 51 23 00-0016	EA	7-1/2 HP, Fused Bypass, 230 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD075-2303-N01FB)	7,547.88	313.48
22 51 23 00-0017	EA	10 HP, Fused Bypass, 230 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD100-2303-N01FB)	8,134.99	374.08
22 51 23 00-0018	EA	15 HP, Fused Bypass, 230 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD150-2303-N01FB)	9,577.81	435.38
22 51 23 00-0019	EA	20 HP, Fused Bypass, 230 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD200-2303-N01FB)	10,798.04	497.38
22 51 23 00-0020	EA	3 HP, Fused Bypass, 460 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD030-4603-N01FB)	6,345.63	222.91
22 51 23 00-0021	EA	5 HP, Fused Bypass, 460 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD050-4603-N01FB)	6,596.94	250.78
22 51 23 00-0022	EA	7-1/2 HP, Fused Bypass, 460 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD075-4603-N01FB)	6,963.39	313.48
22 51 23 00-0023	EA	10 HP, Fused Bypass, 460 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD100-4603-N01FB)	7,353.74	374.08
22 51 23 00-0024	EA	15 HP, Fused Bypass, 460 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD150-4603-N01FB)	8,391.48	435.38
22 51 23 00-0025	EA	20 HP, Fused Bypass, 460 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD200-4603-N01FB)	9,179.61	497.38
22 51 23 00-0026	EA	1/2 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD005-2303-N12)	4,346.88	222.91
22 51 23 00-0027	EA	3/4 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD007-2303-N12)	4,419.60	222.91
22 51 23 00-0028	EA	1 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD010-2303-N12)	4,464.53	222.91
22 51 23 00-0029	EA	1-1/2 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD015-2303-N12)	4,585.57	222.91

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 51 23 00-0030	EA	2 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD020-2303-N12)	4,768.42	222.91
22 51 23 00-0031	EA	3 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD030-2303-N12)	4,910.26	222.91
22 51 23 00-0032	EA	5 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD050-2303-N12)	5,255.71	250.78
22 51 23 00-0033	EA	7-1/2 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD075-2303-N12)	6,264.86	313.48
22 51 23 00-0034	EA	10 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD100-2303-N12)	6,697.82	374.08
22 51 23 00-0035	EA	15 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD150-2303-N12)	7,147.29	435.38
22 51 23 00-0036	EA	20 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD200-2303-N12)	8,120.42	497.38
22 51 23 00-0037	EA	25 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD250-2303-N12)	10,669.01	619.98
22 51 23 00-0038	EA	30 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD300-2303-N12)	11,777.64	682.68
22 51 23 00-0039	EA	40 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD400-2303-N12)	13,936.79	745.37
22 51 23 00-0040	EA	50 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD500-2303-N12)	16,215.36	870.77
22 51 23 00-0041	EA	60 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD600-2303-N12)	17,765.01	933.46
22 51 23 00-0042	EA	1/2 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD005-4603-N12)	4,437.50	222.91
22 51 23 00-0043	EA	3/4 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD007-4603-N12)	4,531.43	222.91
22 51 23 00-0044	EA	1 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD010-4603-N12)	4,649.60	222.91
22 51 23 00-0045	EA	1-1/2 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD015-4603-N12)	4,751.18	222.91
22 51 23 00-0046	EA	2 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD020-4603-N12)	4,854.69	222.91
22 51 23 00-0047	EA	3 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD030-4603-N12)	4,963.93	222.91
22 51 23 00-0048	EA	5 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD050-4603-N12)	5,219.29	250.78
22 51 23 00-0049	EA	7-1/2 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD075-4603-N12)	5,595.94	313.48
22 51 23 00-0050	EA	10 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD100-4603-N12)	5,994.03	374.08
22 51 23 00-0051	EA	15 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD150-4603-N12)	7,286.45	435.38
22 51 23 00-0052	EA	20 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD200-4603-N12)	8,031.86	497.38
22 51 23 00-0053	EA	25 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD250-4603-N12)	8,845.47	619.98
22 51 23 00-0054	EA	30 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD300-4603-N12)	10,006.84	682.68
22 51 23 00-0055	EA	40 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD400-4603-N12)	11,300.15	745.37
22 51 23 00-0056	EA	50 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD500-4603-N12)	13,852.51	870.77
22 51 23 00-0057	EA	60 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD600-4603-N12)	15,221.30	933.46
22 51 23 00-0058	EA	75 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD750-4603-N12)	17,073.71	996.15
22 51 23 00-0059	EA	100 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS ADC10-4603-N12)	20,241.88	1,055.37
22 51 23 00-0060	EA	125 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS ADC13-4603-N12)	23,354.54	1,114.57
22 51 23 00-0061	EA	150 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS ADC15-4603-N12)	25,327.26	1,246.93
22 51 23 00-0062	EA	200 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS ADC20-4603-N12)	29,576.75	1,365.35
22 51 23 00-0063	EA	1/2 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD005-2303-N12FB)	6,285.64	222.91
22 51 23 00-0064	EA	3/4 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD007-2303-N12FB)	6,358.36	222.91
22 51 23 00-0065	EA	1 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD010-2303-N12FB)	6,403.29	222.91
22 51 23 00-0066	EA	1-1/2 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD015-2303-N12FB)	6,524.34	222.91
22 51 23 00-0067	EA	2 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD020-2303-N12FB)	6,707.19	222.91
22 51 23 00-0068	EA	3 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD030-2303-N12FB)	6,849.02	222.91
22 51 23 00-0069	EA	5 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD050-2303-N12FB)	7,194.47	250.78
22 51 23 00-0070	EA	7-1/2 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD075-2303-N12FB)	7,984.14	313.48
22 51 23 00-0071	EA	10 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD100-2303-N12FB)	8,641.27	374.08

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 51 23 00-0072	EA	15 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD150-2303-N12FB)	10,122.95	435.38
22 51 23 00-0073	EA	20 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD200-2303-N12FB)	11,439.59	497.38
22 51 23 00-0074	EA	25 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD250-2303-N12FB)	13,462.47	619.98
22 51 23 00-0075	EA	30 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD300-2303-N12FB)	14,821.26	682.68
22 51 23 00-0076	EA	40 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD400-2303-N12FB)	18,947.83	745.37
22 51 23 00-0077	EA	50 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD500-2303-N12FB)	24,996.21	870.77
22 51 23 00-0078	EA	60 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD600-2303-N12FB)	27,474.04	933.46
22 51 23 00-0079	EA	1/2 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD005-4603-N12FB)	6,258.13	222.91
22 51 23 00-0080	EA	3/4 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD007-4603-N12FB)	6,352.04	222.91
22 51 23 00-0081	EA	1 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD010-4603-N12FB)	6,470.23	222.91
22 51 23 00-0082	EA	1-1/2 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD015-4603-N12FB)	6,571.81	222.91
22 51 23 00-0083	EA	2 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD020-4603-N12FB)	6,675.30	222.91
22 51 23 00-0084	EA	3 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD030-4603-N12FB)	6,784.56	222.91
22 51 23 00-0085	EA	5 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD050-4603-N12FB)	7,039.92	250.78
22 51 23 00-0086	EA	7-1/2 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD075-4603-N12FB)	7,414.60	313.48
22 51 23 00-0087	EA	10 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD100-4603-N12FB)	7,812.69	374.08
22 51 23 00-0088	EA	15 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD150-4603-N12FB)	9,144.60	435.38
22 51 23 00-0089	EA	20 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD200-4603-N12FB)	9,951.11	497.38
22 51 23 00-0090	EA	25 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD250-4603-N12FB)	10,894.82	619.98
22 51 23 00-0091	EA	30 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD300-4603-N12FB)	12,280.59	682.68
22 51 23 00-0092	EA	40 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD400-4603-N12FB)	14,549.55	745.37
22 51 23 00-0093	EA	50 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD500-4603-N12FB)	16,740.36	870.77
22 51 23 00-0094	EA	60 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD600-4603-N12FB)	18,641.36	933.46
22 51 23 00-0095	EA	75 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD750-4603-N12FB)	21,656.67	996.15
22 51 23 00-0096	EA	100 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS ADC10-4603-N12FB)	28,589.11	1,055.37
22 51 23 00-0097	EA	125 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS ADC13-4603-N12FB)	31,632.92	1,114.57
22 51 23 00-0098	EA	150 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS ADC15-4603-N12FB)	39,758.92	1,246.93
22 51 23 00-0099	EA	200 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS ADC20-4603-N12FB)	46,728.51	1,365.35
22 51 23 00-0100	EA	380+ Volt AC, Up To 10 HP, 260 Volt AC, Up To 3 HP, 3 Year Extended Warranty (Pentair AD-EWW136)	430.71	
22 51 23 00-0101	EA	380+ Volt AC, 15 To 40 HP, 260 Volt AC, 5 To 25 HP, 3 Year Extended Warranty (Pentair AD-EWW236)	687.30	
22 51 23 00-0102	EA	380+ Volt AC, Up To 10 HP, 260 Volt AC, Up To 3 HP, 6 Year Extended Warranty (Pentair AD-EWW172)	760.60	
22 51 23 00-0103	EA	380+ Volt AC, 15 To 40 HP, 260 Volt AC, 5 To 25 HP, 6 Year Extended Warranty (Pentair AD-EWW272)	1,292.12	
22 51 23 00-0104	EA	380+ Volt AC, 50 To 125 HP, 260 Volt AC, 30 To 60 HP, 6 Year Extended Warranty (Pentair AD-EWW372)	2,465.11	
22 51 23 00-0105	EA	3" Clamp On Saddle Flow Sensor Kit, Integral 4 To 20 mA Output Signal (Pentair 97014-4203KIT)	1,538.07	
22 51 23 00-0106	EA	4" Clamp On Saddle Flow Sensor Kit, Integral 4 To 20 mA Output Signal (Pentair 97014-4204KIT)	1,607.98	
22 51 23 00-0107	EA	6" Clamp On Saddle Flow Sensor Kit, Integral 4 To 20 mA Output Signal (Pentair 97016-4206KIT)	1,754.52	
22 51 23 00-0108	EA	8" Clamp On Saddle Flow Sensor Kit, Integral 4 To 20 mA Output Signal (Pentair 97016-4208KIT)	1,881.52	
22 51 23 00-0109	EA	3" Clamp On Saddle Flow Sensor Kit, Wall Mounted Display/Transmitter, 4 To 20 mA Output Signal (Pentair 97014BL-03KIT)	2,202.84	
22 51 23 00-0110	EA	4" Clamp On Saddle Flow Sensor Kit, Wall Mounted Display/Transmitter, 4 To 20 mA Output Signal (Pentair 97014BL-04KIT)	2,268.48	
22 51 23 00-0111	EA	6" Clamp On Saddle Flow Sensor Kit, Wall Mounted Display/Transmitter, 4 To 20 mA Output Signal (Pentair 97016BL-06KIT)	2,408.25	
22 51 23 00-0112	EA	8" Clamp On Saddle Flow Sensor Kit, Wall Mounted Display/Transmitter, 4 To 20 mA Output Signal (Pentair 97016BL-08KIT)	2,531.27	
22 51 23 00-0113	EA	10" Clamp On Saddle Flow Sensor Kit, Wall Mounted Display/Transmitter, 4 To 20 mA Output Signal (Pentair 97020BL-10KIT)	3,026.17	
22 51 23 00-0114	EA	12" Clamp On Saddle Flow Sensor Kit, Wall Mounted Display/Transmitter, 4 To 20 mA Output Signal (Pentair 97020BL-12KIT)	3,037.68	

22 51 23 00-0115 Eco-Flow-E Aquatic Variable Frequency Drive And Options *(22 51 23)*

22 51 23 00-0116 Eco-Flow-E Aquatic Variable Frequency Drive *(22 51 23 00-0115)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 51 23 00-0117	EA	2 HP, 480 Volt, 3 Phase, 4 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-04-12-4)	3,938.27	185.77
		For Bypass Panel, Add	*885.49*	
22 51 23 00-0118	EA	3 HP, 480 Volt, 3 Phase, 6 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-06-12-4)	3,942.07	185.77
		For Bypass Panel, Add	*885.49*	
22 51 23 00-0119	EA	5 HP, 480 Volt, 3 Phase, 8 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-08-12-4)	4,008.78	208.98
		For Bypass Panel, Add	*885.49*	
22 51 23 00-0120	EA	7-1/2 HP, 480 Volt, 3 Phase, 12 Amperes, Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-12-12-4)	4,155.07	261.23
		For Bypass Panel, Add	*885.49*	
22 51 23 00-0121	EA	10 HP, 480 Volt, 3 Phase, 16 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-16-12-4)	4,490.39	311.73
		For Bypass Panel, Add	*885.49*	
22 51 23 00-0122	EA	15 HP, 480 Volt, 3 Phase, 24 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-24-12-4)	4,995.34	362.82
		For Bypass Panel, Add	*1,046.20*	
22 51 23 00-0123	EA	20 HP, 480 Volt, 3 Phase, 30 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-30-12-4)	5,889.04	414.48
		For Bypass Panel, Add	*1,046.20*	
22 51 23 00-0124	EA	25 HP, 480 Volt, 3 Phase, 39 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-39-12-4)	6,119.55	518.97
		For Bypass Panel, Add	*1,046.20*	
22 51 23 00-0125	EA	30 HP, 480 Volt, 3 Phase, 45 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-45-12-4)	7,326.09	570.64
		For Bypass Panel, Add	*1,046.20*	
22 51 23 00-0126	EA	40 HP, 480 Volt, 3 Phase, 61 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-61-12-4)	7,551.12	621.73
		For Bypass Panel, Add	*1,275.31*	
22 51 23 00-0127	EA	1/2 HP, 208/230 Volt, 1 Phase (1 HP, 208/230 Volt, 3 Phase) 8 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-08-12-2)	3,916.73	185.77
		For Bypass Panel, Add	*885.49*	
22 51 23 00-0128	EA	1 HP, 208/230 Volt, 1 Phase (2 HP, 208/230 Volt, 3 Phase) 12 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-12-12-2)	3,921.80	185.77
		For Bypass Panel, Add	*885.49*	
22 51 23 00-0129	EA	1-1/2 HP, 208/230 Volt, 1 Phase (3 HP, 208/230 Volt, 3 Phase) 16 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-16-12-2)	3,945.87	185.77
		For Bypass Panel, Add	*885.49*	
22 51 23 00-0130	EA	5 HP, 208/230 Volt, 1 Phase, 24 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-24-12-2)	4,029.05	208.98
		For Bypass Panel, Add	*1,046.20*	
22 51 23 00-0131	EA	3 HP, 208/230 Volt, 1 Phase (7-1/2 HP, 208/230 Volt, 3 Phase) 32 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-32-12-2)	4,372.92	261.23
		For Bypass Panel, Add	*1,046.20*	
22 51 23 00-0132	EA	5 HP, 208/230 Volt, 1 Phase (10 HP, 208/230 Volt, 3 Phase) 46 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-46-12-2)	4,872.90	311.73
		For Bypass Panel, Add	*1,046.20*	
22 51 23 00-0133	EA	7-1/2 HP, 208/230 Volt, 1 Phase (15 HP, 208/230 Volt, 3 Phase) 60 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-60-12-2)	5,774.30	362.82
		For Bypass Panel, Add	*1,275.31*	
22 51 23 00-0134	EA	10 HP, 208/230 Volt, 1 Phase (20 HP, 208/230 Volt, 3 Phase) 74 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-74-12-2)	5,901.70	414.48
		For Bypass Panel, Add	*1,275.31*	
22 51 23 00-0135	EA	25 HP, 208/230 Volt, 1 Phase, 88 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-88-12-2)	7,205.03	518.97
		For Bypass Panel, Add	*1,737.48*	
22 51 23 00-0136	EA	15 HP, 208/230 Volt, 1 Phase (30 HP, 208/230 Volt, 3 Phase) 124 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-124-12-2)	7,432.48	570.64
		For Bypass Panel, Add	*2,399.77*	

22 51 23 00-0137 Eco-Flow-E Aquatic Variable Frequency Drive Options *(22 51 23 00-0115)*

22 51 23 00-0138	EA	0 To 30 PSI, 1/4" NPT Male Thread, 4 To 20 mA Output, 10' Cable, Pressure Sensor (H2Flow PS-30)	534.50	87.08
22 51 23 00-0139	EA	0 To 100 PSI, 1/4" NPT Male Thread, 4 To 20 mA Output, 10' Cable, Pressure Sensor (H2Flow PS-100)	534.50	87.08
22 51 23 00-0140	EA	Lightning Arrestor (H2Flow LA)	569.55	58.05
22 51 23 00-0141	EA	2 HP, 480 Volt, (3/4 HP, 208/230 Volt) Load Reactor (TCI V1K4A00)	645.02	26.12
22 51 23 00-0142	EA	3 HP, 480 Volt, (1 To 1-1/2 HP, 208/230 Volt) Load Reactor (TCI V1K6A00)	666.02	29.03
22 51 23 00-0143	EA	5 HP, 480 Volt, (2 HP, 208/230 Volt) Load Reactor (TCI V1K8A00)	681.96	31.93
22 51 23 00-0144	EA	7-1/2 HP, 480 Volt, (3 HP, 208/230 Volt) Load Reactor (TCI V1K12A00)	711.83	34.83
22 51 23 00-0145	EA	10 HP, 480 Volt, (5 HP, 208/230 Volt) Load Reactor (TCI V1K16A00)	725.23	37.73
22 51 23 00-0146	EA	15 HP, 480 Volt, (7-1/2 HP, 208/230 Volt) Load Reactor (TCI V1K25A00)	947.62	40.63
22 51 23 00-0147	EA	20 HP, 480 Volt, Load Reactor (TCI V1K27A00)	987.63	43.53
22 51 23 00-0148	EA	25 HP, 480 Volt, (10 HP, 208/230 Volt) Load Reactor (TCI V1K35A00)	1,031.43	46.44
22 51 23 00-0149	EA	30 HP, 480 Volt, (15 HP, 208/230 Volt) Load Reactor (TCI V1K45A00)	1,073.97	49.35
22 51 23 00-0150	EA	40 HP, 480 Volt, (20 HP, 208/230 Volt) Load Reactor (TCI V1K55A00)	1,111.44	52.25
22 51 23 00-0151	EA	25 To 30 HP, 208/230 Volt, Load Reactor (TCI V1K80A00)	1,530.15	55.15
22 51 23 00-0152	EA	1 HP, 208/230 Volt, Line Reactor (TCI KDRA25L)	193.58	29.03
22 51 23 00-0153	EA	2 HP, 208/230 Volt, Line Reactor (TCI KDRA27L)	206.99	31.93
22 51 23 00-0154	EA	3 HP, 208/230 Volt, Line Reactor (TCI KDRA28L)	231.78	34.83
22 51 23 00-0155	EA	5 HP, 208/230 Volt, Line Reactor (TCI KDRB22L)	305.98	37.73
22 51 23 00-0156	EA	7-1/2 HP, 208/230 Volt, Line Reactor (TCI KDRB23L)	343.46	40.63
22 51 23 00-0157	EA	10 HP, 208/230 Volt, Line Reactor (TCI KDRD25L)	355.60	43.53
22 51 23 00-0158	EA	15 HP, 208/230 Volt, Line Reactor (TCI KDRD24L)	367.73	46.44

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 51 23 00-0159	EA	20 HP, 208/230 Volt, Line Reactor (TCI KDRD26L)	390.01	49.35
22 51 23 00-0160	EA	25 HP, 208/230 Volt, Line Reactor (TCI KDRC22L)	494.60	52.25
22 51 23 00-0161	EA	30 HP, 208/230 Volt, Line Reactor (TCI KDRF24L)	508.00	55.15
22 51 23 00-0162	EA	1 HP, 480 Volt, Line Reactor (TCI KDRA8L)	194.84	29.03
22 51 23 00-0163	EA	2 HP, 480 Volt, Line Reactor (TCI KDRA1L)	214.59	31.93
22 51 23 00-0164	EA	3 HP, 480 Volt, Line Reactor (TCI KDRA2L)	235.58	34.83
22 51 23 00-0165	EA	5 HP, 480 Volt, Line Reactor (TCI KDRA3L)	247.72	37.73
22 51 23 00-0166	EA	7-1/2 HP, 480 Volt, Line Reactor (TCI KDRA4L)	258.59	40.63
22 51 23 00-0167	EA	10 HP, 480 Volt, Line Reactor (TCI KDRA5L)	325.20	43.53
22 51 23 00-0168	EA	15 HP, 480 Volt, Line Reactor (TCI KDRB2L)	338.60	46.44
22 51 23 00-0169	EA	20 HP, 480 Volt, Line Reactor (TCI KDRB1L)	355.81	49.35
22 51 23 00-0170	EA	25 HP, 480 Volt, Line Reactor (TCI KDRD1L)	367.94	52.25
22 51 23 00-0171	EA	30 HP, 480 Volt, Line Reactor (TCI KDRD2L)	444.67	55.15
22 51 23 00-0172	EA	40 HP, 480 Volt, Line Reactor (TCI KDRC1L)	484.69	58.05
22 51 23 00-0173	EA	Models 04 To 30, 304 SS Metric To English Conduit Adaptor Kit	79.37	
22 51 23 00-0174	EA	Models 32 To 46, 304 SS Metric To English Conduit Adaptor Kit	108.40	
22 51 23 00-0175	EA	Models 60 To 74, 304 SS Metric To English Conduit Adaptor Kit	134.88	
22 51 23 00-0176		Pool Flow Meters *(22 51 23)*		
22 51 23 00-0177	EA	20 To 110 GPM, 1-1/2" Retrofit Kit FlowVis For Existing Jandy Or Praher Valve Flow Meter (H2Flow FVJ-R-15)	141.68	21.19
22 51 23 00-0178	EA	20 To 110 GPM, 2" x 2-1/2" Retrofit Kit FlowVis For Existing Jandy® Or Praher Valve Flow Meter (H2Flow FVJ-R)	141.68	21.19
22 51 23 00-0179	EA	20 To 110 GPM, 1-1/2" Complete FlowVis Including Valve Body Flow Meter (H2Flow FV-C-15)	220.32	39.73
22 51 23 00-0180	EA	20 To 110 GPM, 2" x 2-1/2" Complete FlowVis Including Valve Body Flow Meter (H2Flow FV-C)	184.06	42.38
22 51 23 00-0181		Paddlewheel Flow Sensors *(22 51 23)*		
22 51 23 00-0182	EA	1/2" To 4" Pipe, Polypropylene Body, Black Polyvinylidene Fluoride (PVDF) Rotor, Paddlewheel Flow Sensor (Signet 3-2536-P0) Note: Includes 25' of cable (extendable to 200').	953.64	67.05
22 51 23 00-0183	EA	1/2" To 4" Pipe, Polypropylene Body, Pulse/Flow Switch DCR Output Paddlewheel Flow Sensor (Signet 3-2537-1C-PO)	1,269.02	67.05
22 51 23 00-0184	EA	1/2" To 4" Pipe, Polypropylene Body, Pulse/Flow Switch SSR Output Paddlewheel Flow Sensor (Signet 3-2537-2C-PO)	1,269.02	67.05
22 51 23 00-0185	EA	1/2" To 4" Pipe, Polypropylene Body, Digital Output Paddlewheel Flow Sensor (Signet 3-2537-5C-PO)	1,318.42	67.05
22 51 23 00-0186	EA	1/2" To 4" Pipe, Polypropylene Body, 4 To 20 mA Output Paddlewheel Flow Sensor (Signet 3-2537-6C-PO)	1,371.62	67.05
22 51 23 00-0187	EA	1/2" To 4" Pipe, Polyvinylidene Fluoride (PVDF) Body, Pulse/Flow Switch DCR Output Paddlewheel Flow Sensor (Signet 3-2537-1C-TO)	1,472.31	67.05
22 51 23 00-0188	EA	1/2" To 4" Pipe, Polyvinylidene Fluoride (PVDF) Body, Pulse/Flow Switch SSR Output Paddlewheel Flow Sensor (Signet 3-2537-2C-TO)	1,472.31	67.05
22 51 23 00-0189	EA	1/2" To 4" Pipe, Polyvinylidene Fluoride (PVDF) Body, Digital Output Paddlewheel Flow Sensor (Signet 3-2537-5C-TO)	1,535.01	67.05
22 51 23 00-0190	EA	1/2" To 4" Pipe, Polyvinylidene Fluoride (PVDF) Body, 4 To 20 mA Output Paddlewheel Flow Sensor (Signet 3-2537-6C-TO)	1,595.81	67.05
22 51 23 00-0191	EA	>4" To 8" Pipe, Polypropylene Body, Black Polyvinylidene Fluoride (PVDF) Rotor, Paddlewheel Flow Sensor (Signet 3-2536-P1) Note: Includes 25' of cable (extendable to 200').	997.34	67.05
22 51 23 00-0192	EA	>4" To 8" Pipe, Polypropylene Body, Pulse/Flow Switch DCR Output Paddlewheel Flow Sensor (Signet 3-2537-1C-P1)	1,318.42	67.05
22 51 23 00-0193	EA	>4" To 8" Pipe, Polypropylene Body, Pulse/Flow Switch SSR Output Paddlewheel Flow Sensor (Signet 3-2537-2C-P1)	1,318.42	67.05
22 51 23 00-0194	EA	>4" To 8" Pipe, Polypropylene Body, Digital Output Paddlewheel Flow Sensor (Signet 3-2537-5C-P1)	1,371.62	67.05
22 51 23 00-0195	EA	>4" To 8" Pipe, Polypropylene Body, 4 To 20 mA Output Paddlewheel Flow Sensor (Signet 3-2537-6C-P1)	1,421.02	67.05
22 51 23 00-0196	EA	>8" Pipe, Polypropylene Body, Black Polyvinylidene Fluoride (PVDF) Rotor, Paddlewheel Flow Sensor (Signet 3-2536-P2) Note: Includes 25' of cable (extendable to 200').	1,037.24	67.05
22 51 23 00-0197	EA	2" Pipe, Polyvinyl Chloride (PVC) Saddle Clamp For Flow Transducers (Signet PV8S020)	323.25	
22 51 23 00-0198	EA	4" Pipe, Polyvinyl Chloride (PVC) Saddle Clamp For Flow Transducers (Signet PV8S040)	446.85	
22 51 23 00-0199	EA	6" Pipe, Polyvinyl Chloride (PVC) Saddle Clamp For Flow Transducers (Signet PV8S060)	549.55	
22 51 23 00-0200	EA	8" Pipe, Polyvinyl Chloride (PVC) Saddle Clamp For Flow Transducers (Signet PV8S080)	675.06	
22 51 23 00-0201	EA	10" Pipe, Polyvinyl Chloride (PVC) Saddle Clamp For Flow Transducers (Signet PV8S100)	893.64	
22 51 23 00-0202	EA	12" Pipe, Polyvinyl Chloride (PVC) Saddle Clamp For Flow Transducers (Signet PV8S120)	905.15	
22 51 23 00-0203	EA	24 Volt DC, Power Supply 7.5 Watt, 300 mA (Signet 7300-7524)	313.27	18.57
22 51 23 00-0204	EA	24 Volt DC, Power Supply 15 Watt, 600 mA (Signet 7300-1524)	432.96	18.57
22 51 23 00-0205	EA	24 Volt DC, 30 Watt, 1.3 Amperes, Power Supply (Signet 7300-3024)	535.56	18.57
22 51 23 00-0206	EA	24 Volt DC, 50 Watt, 2.1 Amperes, Power Supply (Signet 7300-5024)	679.95	18.57
22 51 23 00-0207	EA	24 Volt DC, 100 Watt, 4.2 Amperes, Power Supply (Signet 7300-1024)	945.94	18.57

22 60 Gas and Vacuum Systems for Laboratory and Healthcare Facilities *(22)*

22 66 Chemical-Waste Systems for Laboratory and Healthcare Facilities *(22 60)*

22 66 53 Laboratory Chemical-Waste and Vent Piping *(22 66)*

22 66 53 00-0001 Polypropylene Acid Resistant Drain-Waste-Vent (DWV) Pipe And Fittings *(22 66 53)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0002		**Schedule 40 Polypropylene Acid Resistant DWV Pipe And Fuseal Fittings** *(22 66 53 00-0001)*		
22 66 53 00-0003		**Schedule 40 Polypropylene Acid Resistant DWV Pipe** *(22 66 53 00-0002)*		
22 66 53 00-0004	LF	1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Pipe	13.97	6.03
		For Schedule 80, Add	*2.53*	
		For Fire Retardant Thermoplastic Pipe (Proxylene), Add	*2.17*	
		For Work In Restricted Working Space, Add	*2.73*	
22 66 53 00-0005	LF	2" Schedule 40 Polypropylene Acid Resistant DWV Pipe	16.83	6.78
		For Schedule 80, Add	*3.43*	
		For Fire Retardant Thermoplastic Pipe (Proxylene), Add	*2.93*	
		For Work In Restricted Working Space, Add	*3.07*	
22 66 53 00-0006	LF	3" Schedule 40 Polypropylene Acid Resistant DWV Pipe	26.71	9.85
		For Schedule 80, Add	*6.18*	
		For Fire Retardant Thermoplastic Pipe (Proxylene), Add	*5.29*	
		For Work In Restricted Working Space, Add	*4.45*	
22 66 53 00-0007	LF	4" Schedule 40 Polypropylene Acid Resistant DWV Pipe	36.14	12.82
		For Schedule 80, Add	*8.78*	
		For Fire Retardant Thermoplastic Pipe (Proxylene), Add	*7.51*	
		For Work In Restricted Working Space, Add	*5.78*	
22 66 53 00-0008	LF	6" Schedule 40 Polypropylene Acid Resistant DWV Pipe	58.70	18.86
		For Schedule 80, Add	*15.83*	
		For Fire Retardant Thermoplastic Pipe (Proxylene), Add	*13.55*	
		For Work In Restricted Working Space, Add	*8.48*	
22 66 53 00-0009		**Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/4 Bends** *(22 66 53 00-0002)*		
22 66 53 00-0010	EA	1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/4 Bend	53.83	22.78
		For Work In Restricted Working Space, Add	*10.25*	
22 66 53 00-0011	EA	2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/4 Bend	69.48	30.09
		For Work In Restricted Working Space, Add	*13.52*	
22 66 53 00-0012	EA	3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/4 Bend	93.10	34.43
		For Work In Restricted Working Space, Add	*15.50*	
22 66 53 00-0013	EA	4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/4 Bend	134.29	45.56
		For Work In Restricted Working Space, Add	*20.51*	
22 66 53 00-0014	EA	6" Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/4 Bend	262.96	67.28
		For Work In Restricted Working Space, Add	*30.27*	
22 66 53 00-0015		**Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/8 Bends** *(22 66 53 00-0002)*		
22 66 53 00-0016	EA	1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/8 Bend	53.49	22.78
		For Work In Restricted Working Space, Add	*10.25*	
22 66 53 00-0017	EA	2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/8 Bend	68.59	30.09
		For Work In Restricted Working Space, Add	*13.52*	
22 66 53 00-0018	EA	3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/8 Bend	94.80	34.43
		For Work In Restricted Working Space, Add	*15.50*	
22 66 53 00-0019	EA	4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/8 Bend	117.25	45.56
		For Work In Restricted Working Space, Add	*20.51*	
22 66 53 00-0020	EA	6" Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/8 Bend	236.55	67.28
		For Work In Restricted Working Space, Add	*30.27*	
22 66 53 00-0021		**Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Tees** *(22 66 53 00-0002)*		
22 66 53 00-0022	EA	1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Tee	97.47	48.74
		For Work In Restricted Working Space, Add	*21.92*	
22 66 53 00-0023	EA	2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Tee	121.36	61.45
		For Work In Restricted Working Space, Add	*27.64*	
22 66 53 00-0024	EA	3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Tee	159.38	67.28
		For Work In Restricted Working Space, Add	*30.27*	
22 66 53 00-0025	EA	4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Tee	220.03	88.36
		For Work In Restricted Working Space, Add	*39.74*	
22 66 53 00-0026	EA	6" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Tee	386.07	141.34
		For Work In Restricted Working Space, Add	*63.57*	
22 66 53 00-0027		**Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Sanitary Tees** *(22 66 53 00-0002)*		
22 66 53 00-0028	EA	2" x 2" x 1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Sanitary Tee	121.32	61.45
		For Work In Restricted Working Space, Add	*27.64*	
22 66 53 00-0029	EA	3" x 3" x 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Sanitary Tee	155.30	67.28
		For Work In Restricted Working Space, Add	*30.27*	
22 66 53 00-0030	EA	3" x 3" x 1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Sanitary Tee	151.67	67.28
		For Work In Restricted Working Space, Add	*30.27*	
22 66 53 00-0031	EA	4" x 4" x 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Sanitary Tee	210.72	88.36
		For Work In Restricted Working Space, Add	*39.74*	
22 66 53 00-0032	EA	4" x 4" x 3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Sanitary Tee	214.23	88.36
		For Work In Restricted Working Space, Add	*39.74*	
22 66 53 00-0033	EA	6" x 6" x 4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Sanitary Tee	360.15	141.34
		For Work In Restricted Working Space, Add	*63.57*	

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22 66 53 00-0034		**Schedule 40 Polypropylene Acid Resistant DWV Fuseal Cleanout Tees With Plug** *(22 66 53 00-0002)*		
22 66 53 00-0035	EA	1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Cleanout Tee With Plug	109.38	48.74
		For Work In Restricted Working Space, Add	*21.92*	
22 66 53 00-0036	EA	2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Cleanout Tee With Plug	124.24	61.45
		For Work In Restricted Working Space, Add	*27.64*	
22 66 53 00-0037	EA	3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Cleanout Tee With Plug	168.20	67.28
		For Work In Restricted Working Space, Add	*30.27*	
22 66 53 00-0038	EA	4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Cleanout Tee With Plug	224.09	88.36
		For Work In Restricted Working Space, Add	*39.74*	
22 66 53 00-0039	EA	6" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Cleanout Tee With Plug	335.81	141.34
		For Work In Restricted Working Space, Add	*63.57*	
22 66 53 00-0040		**Schedule 40 Polypropylene Acid Resistant DWV Fuseal Wyes** *(22 66 53 00-0002)*		
22 66 53 00-0041	EA	1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Wye	104.16	48.74
		For Work In Restricted Working Space, Add	*21.92*	
22 66 53 00-0042	EA	2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Wye	127.56	61.45
		For Work In Restricted Working Space, Add	*27.64*	
22 66 53 00-0043	EA	3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Wye	163.07	67.28
		For Work In Restricted Working Space, Add	*30.27*	
22 66 53 00-0044	EA	4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Wye	223.09	88.36
		For Work In Restricted Working Space, Add	*39.74*	
22 66 53 00-0045	EA	6" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Wye	441.99	141.34
		For Work In Restricted Working Space, Add	*63.57*	
22 66 53 00-0046		**Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Wyes** *(22 66 53 00-0002)*		
22 66 53 00-0047	EA	2" x 2" x 1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Wye	135.74	61.45
		For Work In Restricted Working Space, Add	*27.64*	
22 66 53 00-0048	EA	3" x 3" x 1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Wye	158.87	67.28
		For Work In Restricted Working Space, Add	*30.27*	
22 66 53 00-0049	EA	3" x 3" x 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Wye	158.87	67.28
		For Work In Restricted Working Space, Add	*30.27*	
22 66 53 00-0050	EA	4" x 4" x 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Wye	219.46	88.36
		For Work In Restricted Working Space, Add	*39.74*	
22 66 53 00-0051	EA	4" x 4" x 3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Wye	219.46	88.36
		For Work In Restricted Working Space, Add	*39.74*	
22 66 53 00-0052	EA	6" x 6" x 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Wye	393.82	141.34
		For Work In Restricted Working Space, Add	*63.57*	
22 66 53 00-0053	EA	6" x 6" x 3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Wye	396.64	141.34
		For Work In Restricted Working Space, Add	*63.57*	
22 66 53 00-0054	EA	6" x 6" x 4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Wye	361.34	141.34
		For Work In Restricted Working Space, Add	*63.57*	
22 66 53 00-0055		**Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Crosses** *(22 66 53 00-0002)*		
22 66 53 00-0056	EA	1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Cross	129.59	60.92
		For Work In Restricted Working Space, Add	*27.40*	
22 66 53 00-0057	EA	2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Cross	160.99	76.82
		For Work In Restricted Working Space, Add	*34.55*	
22 66 53 00-0058	EA	3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Cross	217.82	84.13
		For Work In Restricted Working Space, Add	*37.84*	
22 66 53 00-0059	EA	4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Cross	302.84	110.40
		For Work In Restricted Working Space, Add	*49.67*	
22 66 53 00-0060	EA	6" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Cross	537.91	176.62
		For Work In Restricted Working Space, Add	*79.46*	
22 66 53 00-0061		**Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bends** *(22 66 53 00-0002)*		
22 66 53 00-0062	EA	1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bend	95.29	48.74
		For Work In Restricted Working Space, Add	*21.92*	
22 66 53 00-0063	EA	2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bend	124.59	61.45
		For Work In Restricted Working Space, Add	*27.64*	
22 66 53 00-0064	EA	3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bend	142.44	67.28
		For Work In Restricted Working Space, Add	*30.27*	
22 66 53 00-0065	EA	4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bend	197.05	88.36
		For Work In Restricted Working Space, Add	*39.74*	
22 66 53 00-0066	EA	2" x 2" x 1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bend	114.93	61.45
		For Work In Restricted Working Space, Add	*27.64*	
22 66 53 00-0067	EA	3" x 3" x 1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bend	138.55	67.28
		For Work In Restricted Working Space, Add	*30.27*	
22 66 53 00-0068	EA	3" x 3" x 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bend	140.11	67.28
		For Work In Restricted Working Space, Add	*30.27*	
22 66 53 00-0069	EA	4" x 4" x 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bend	191.27	88.36
		For Work In Restricted Working Space, Add	*39.74*	
22 66 53 00-0070	EA	4" x 4" x 3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bend	192.26	88.36
		For Work In Restricted Working Space, Add	*39.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0071		**Schedule 40 Polypropylene Acid Resistant DWV Fuseal P-Traps** *(22 66 53 00-0002)*		
22 66 53 00-0072	EA	1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal P-Trap	112.63	56.58
		For Work In Restricted Working Space, Add	*25.43*	
22 66 53 00-0073	EA	2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal P-Trap	149.87	74.38
		For Work In Restricted Working Space, Add	*33.46*	
22 66 53 00-0074	EA	3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal P-Trap	226.80	100.97
		For Work In Restricted Working Space, Add	*45.41*	
22 66 53 00-0075	EA	4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal P-Trap	319.39	128.52
		For Work In Restricted Working Space, Add	*57.79*	
22 66 53 00-0076		**Schedule 40 Polypropylene Acid Resistant DWV Fuseal Hub Adapters** *(22 66 53 00-0002)*		
22 66 53 00-0077	EA	1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Hub Adapter	52.90	22.78
		For Work In Restricted Working Space, Add	*10.25*	
22 66 53 00-0078	EA	2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Hub Adapter	64.59	30.09
		For Work In Restricted Working Space, Add	*13.52*	
22 66 53 00-0079	EA	3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Hub Adapter	75.82	34.43
		For Work In Restricted Working Space, Add	*15.50*	
22 66 53 00-0080	EA	4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Hub Adapter	103.14	45.56
		For Work In Restricted Working Space, Add	*20.51*	
22 66 53 00-0081	EA	6" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Hub Adapter	153.01	67.28
		For Work In Restricted Working Space, Add	*30.27*	
22 66 53 00-0082		**Schedule 40 Polypropylene Acid Resistant DWV Fuseal Mechanical Joint Adapters** *(22 66 53 00-0002)*		
22 66 53 00-0083	EA	1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Mechanical Joint Adapter	50.55	22.78
		For Work In Restricted Working Space, Add	*10.25*	
22 66 53 00-0084	EA	2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Mechanical Joint Adapter	66.36	30.09
		For Work In Restricted Working Space, Add	*13.52*	
22 66 53 00-0085	EA	3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Mechanical Joint Adapter	79.08	34.43
		For Work In Restricted Working Space, Add	*15.50*	
22 66 53 00-0086	EA	4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Mechanical Joint Adapter	106.34	45.56
		For Work In Restricted Working Space, Add	*20.51*	
22 66 53 00-0087		**Schedule 40 Polypropylene Acid Resistant DWV Fuseal Couplings** *(22 66 53 00-0002)*		
22 66 53 00-0088	EA	1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Coupling	47.63	22.78
		For Work In Restricted Working Space, Add	*10.25*	
22 66 53 00-0089	EA	2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Coupling	61.12	30.09
		For Work In Restricted Working Space, Add	*13.52*	
22 66 53 00-0090	EA	3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Coupling	71.15	34.43
		For Work In Restricted Working Space, Add	*15.50*	
22 66 53 00-0091	EA	4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Coupling	94.09	45.56
		For Work In Restricted Working Space, Add	*20.51*	
22 66 53 00-0092	EA	6" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Coupling	138.32	67.28
		For Work In Restricted Working Space, Add	*30.27*	
22 66 53 00-0093		**Glass Acid Resistant Drain-Waste-Vent (DWV) Pipe And Fittings** *(22 66 53)*		
22 66 53 00-0094		**Glass Acid Resistant DWV Pipe** *(22 66 53 00-0093)*		
22 66 53 00-0095	LF	1-1/2" Glass Acid Resistant DWV Pipe	40.10	5.82
		For Work In Restricted Working Space, Add	*3.50*	
22 66 53 00-0096	LF	2" Glass Acid Resistant DWV Pipe	51.46	6.36
		For Work In Restricted Working Space, Add	*3.81*	
22 66 53 00-0097	LF	3" Glass Acid Resistant DWV Pipe	71.05	8.90
		For Work In Restricted Working Space, Add	*5.36*	
22 66 53 00-0098	LF	4" Glass Acid Resistant DWV Pipe	119.86	11.55
		For Work In Restricted Working Space, Add	*6.94*	
22 66 53 00-0099	LF	6" Glass Acid Resistant DWV Pipe	204.97	15.79
		For Work In Restricted Working Space, Add	*9.46*	
22 66 53 00-0100		**Glass Acid Resistant DWV 90 Or 60 Degree Sweeps** *(22 66 53 00-0093)*		
22 66 53 00-0101	EA	1-1/2" Glass Acid Resistant DWV 90 Or 60 Degree Sweep	112.33	25.96
		For Work In Restricted Working Space, Add	*15.54*	
22 66 53 00-0102	EA	2" Glass Acid Resistant DWV 90 Or 60 Degree Sweep	131.37	27.54
		For Work In Restricted Working Space, Add	*16.49*	
22 66 53 00-0103	EA	3" Glass Acid Resistant DWV 90 Or 60 Degree Sweep	188.34	31.26
		For Work In Restricted Working Space, Add	*18.75*	
22 66 53 00-0104	EA	4" Glass Acid Resistant DWV 90 Or 60 Degree Sweep	283.54	41.32
		For Work In Restricted Working Space, Add	*24.80*	
22 66 53 00-0105	EA	6" Glass Acid Resistant DWV 90 Or 60 Degree Sweep	726.70	57.21
		For Work In Restricted Working Space, Add	*34.33*	
22 66 53 00-0106		**Glass Acid Resistant DWV 45 Or 22-1/2 Degree Sweeps** *(22 66 53 00-0093)*		
22 66 53 00-0107	EA	1-1/2" Glass Acid Resistant DWV 45 Or 22-1/2 Degree Sweep	112.55	26.06
		For Work In Restricted Working Space, Add	*15.61*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0108	EA	2" Glass Acid Resistant DWV 45 Or 22-1/2 Degree Sweep	130.95	27.23
		For Work In Restricted Working Space, Add	*16.37*	
22 66 53 00-0109	EA	3" Glass Acid Resistant DWV 45 Or 22-1/2 Degree Sweep	188.13	31.15
		For Work In Restricted Working Space, Add	*18.69*	
22 66 53 00-0110	EA	4" Glass Acid Resistant DWV 45 Or 22-1/2 Degree Sweep	283.54	41.32
		For Work In Restricted Working Space, Add	*24.80*	
22 66 53 00-0111	EA	6" Glass Acid Resistant DWV 45 Or 22-1/2 Degree Sweep	726.68	57.21
		For Work In Restricted Working Space, Add	*34.33*	
22 66 53 00-0112		**Glass Acid Resistant DWV 90 Or 60 Degree Bends** *(22 66 53 00-0093)*		
22 66 53 00-0113	EA	1-1/2" Glass Acid Resistant DWV 90 Or 60 Degree Bend	114.20	26.06
		For Work In Restricted Working Space, Add	*15.61*	
22 66 53 00-0114	EA	2" Glass Acid Resistant DWV 90 Or 60 Degree Bend	132.93	27.23
		For Work In Restricted Working Space, Add	*16.37*	
22 66 53 00-0115	EA	3" Glass Acid Resistant DWV 90 Or 60 Degree Bend	191.60	31.15
		For Work In Restricted Working Space, Add	*18.69*	
22 66 53 00-0116	EA	4" Glass Acid Resistant DWV 90 Or 60 Degree Bend	283.54	41.32
		For Work In Restricted Working Space, Add	*24.80*	
22 66 53 00-0117		**Glass Acid Resistant DWV 45 Or 22-1/2 Degree Bends** *(22 66 53 00-0093)*		
22 66 53 00-0118	EA	1-1/2" Glass Acid Resistant DWV 45 Or 22-1/2 Degree Bend	114.20	26.06
		For Work In Restricted Working Space, Add	*15.61*	
22 66 53 00-0119	EA	2" Glass Acid Resistant DWV 45 Or 22-1/2 Degree Bend	132.93	27.23
		For Work In Restricted Working Space, Add	*16.37*	
22 66 53 00-0120	EA	3" Glass Acid Resistant DWV 45 Or 22-1/2 Degree Bend	191.60	31.15
		For Work In Restricted Working Space, Add	*18.69*	
22 66 53 00-0121	EA	4" Glass Acid Resistant DWV 45 Or 22-1/2 Degree Bend	283.54	41.32
		For Work In Restricted Working Space, Add	*24.80*	
22 66 53 00-0122		**Glass Acid Resistant DWV 90 Degree Bends With Long Leg** *(22 66 53 00-0093)*		
22 66 53 00-0123	EA	1-1/2" Glass Acid Resistant DWV 90 Degree Bend With Long Leg	137.79	26.06
		For Work In Restricted Working Space, Add	*15.61*	
22 66 53 00-0124	EA	2" Glass Acid Resistant DWV 90 Degree Bends With Long Leg	166.83	27.23
		For Work In Restricted Working Space, Add	*16.37*	
22 66 53 00-0125		**Glass Acid Resistant DWV Double Quarter Bends** *(22 66 53 00-0093)*		
22 66 53 00-0126	EA	1-1/2" Glass Acid Resistant DWV Double Quarter Bend	186.17	38.99
		For Work In Restricted Working Space, Add	*23.41*	
22 66 53 00-0127	EA	2" x 1-1/2" Glass Acid Resistant DWV Double Quarter Bend	244.42	40.37
		For Work In Restricted Working Space, Add	*24.22*	
22 66 53 00-0128	EA	2" Glass Acid Resistant DWV Double Quarter Bend	223.71	40.90
		For Work In Restricted Working Space, Add	*24.56*	
22 66 53 00-0129	EA	3" Glass Acid Resistant DWV Double Quarter Bend	313.38	46.72
		For Work In Restricted Working Space, Add	*28.04*	
22 66 53 00-0130	EA	4" Glass Acid Resistant DWV Double Quarter Bend	535.16	61.99
		For Work In Restricted Working Space, Add	*37.19*	
22 66 53 00-0131	EA	6" Glass Acid Resistant DWV Double Quarter Bend	831.71	85.82
		For Work In Restricted Working Space, Add	*51.50*	
22 66 53 00-0132		**Glass Acid Resistant DWV Sanitary Tees** *(22 66 53 00-0093)*		
22 66 53 00-0133	EA	1-1/2" Glass Acid Resistant DWV Sanitary Tee	175.96	39.20
		For Work In Restricted Working Space, Add	*23.52*	
22 66 53 00-0134	EA	2" Glass Acid Resistant DWV Sanitary Tee	179.13	40.79
		For Work In Restricted Working Space, Add	*24.47*	
22 66 53 00-0135	EA	3" Glass Acid Resistant DWV Sanitary Tee	238.74	46.62
		For Work In Restricted Working Space, Add	*27.97*	
22 66 53 00-0136	EA	4" Glass Acid Resistant DWV Sanitary Tee	385.04	61.99
		For Work In Restricted Working Space, Add	*37.19*	
22 66 53 00-0137	EA	6" Glass Acid Resistant DWV Sanitary Tee	871.04	85.82
		For Work In Restricted Working Space, Add	*51.49*	
22 66 53 00-0138		**Glass Acid Resistant DWV Reducing Sanitary Tees** *(22 66 53 00-0093)*		
22 66 53 00-0139	EA	2" x 1-1/2" Glass Acid Resistant DWV Reducing Sanitary Tee	178.07	40.27
		For Work In Restricted Working Space, Add	*24.16*	
22 66 53 00-0140	EA	3" x 1-1/2" Glass Acid Resistant DWV Reducing Sanitary Tee	216.58	43.97
		For Work In Restricted Working Space, Add	*26.38*	
22 66 53 00-0141	EA	3" x 2" Glass Acid Resistant DWV Reducing Sanitary Tee	232.09	45.03
		For Work In Restricted Working Space, Add	*27.02*	
22 66 53 00-0142	EA	4" x 1-1/2" Glass Acid Resistant DWV Reducing Sanitary Tee	303.74	54.56
		For Work In Restricted Working Space, Add	*32.74*	
22 66 53 00-0143	EA	4" x 2" Glass Acid Resistant DWV Reducing Sanitary Tee	320.84	55.10
		For Work In Restricted Working Space, Add	*33.06*	
22 66 53 00-0144	EA	4" x 3" Glass Acid Resistant DWV Reducing Sanitary Tee	338.41	56.69
		For Work In Restricted Working Space, Add	*34.01*	
22 66 53 00-0145	EA	6" x 2" Glass Acid Resistant DWV Reducing Sanitary Tee	632.89	70.99
		For Work In Restricted Working Space, Add	*42.60*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0146	EA	6" x 3" Glass Acid Resistant DWV Reducing Sanitary Tee	687.32	72.57
		For Work In Restricted Working Space, Add	*43.55*	
22 66 53 00-0147	EA	6" x 4" Glass Acid Resistant DWV Reducing Sanitary Tee	700.72	77.87
		For Work In Restricted Working Space, Add	*46.73*	

22 66 53 00-0148 Glass Acid Resistant DWV Double Sanitary Tees *(22 66 53 00-0093)*

22 66 53 00-0149	EA	1-1/2" Glass Acid Resistant DWV Double Sanitary Tee	253.47	51.91
		For Work In Restricted Working Space, Add	*31.15*	
22 66 53 00-0150	EA	2" Glass Acid Resistant DWV Double Sanitary Tee	258.75	54.56
		For Work In Restricted Working Space, Add	*32.74*	
22 66 53 00-0151	EA	3" Glass Acid Resistant DWV Double Sanitary Tee	344.93	62.51
		For Work In Restricted Working Space, Add	*37.51*	
22 66 53 00-0152	EA	4" Glass Acid Resistant DWV Double Sanitary Tee	586.72	82.64
		For Work In Restricted Working Space, Add	*49.58*	
22 66 53 00-0153	EA	6" Glass Acid Resistant DWV Double Sanitary Tee	1,088.33	114.43
		For Work In Restricted Working Space, Add	*68.66*	

22 66 53 00-0154 Glass Acid Resistant DWV Reducing Double Sanitary Tees *(22 66 53 00-0093)*

22 66 53 00-0155	EA	2" x 1-1/2" Glass Acid Resistant DWV Reducing Double Sanitary Tee	256.63	53.50
		For Work In Restricted Working Space, Add	*32.10*	
22 66 53 00-0156	EA	3" x 1-1/2" Glass Acid Resistant DWV Reducing Double Sanitary Tee	302.09	57.21
		For Work In Restricted Working Space, Add	*34.33*	
22 66 53 00-0157	EA	3" x 2" Glass Acid Resistant DWV Reducing Double Sanitary Tee	321.91	58.27
		For Work In Restricted Working Space, Add	*34.97*	
22 66 53 00-0158	EA	4" x 1-1/2" Glass Acid Resistant DWV Reducing Double Sanitary Tee	490.55	67.28
		For Work In Restricted Working Space, Add	*40.37*	
22 66 53 00-0159	EA	4" x 2" Glass Acid Resistant DWV Reducing Double Sanitary Tee	483.13	68.87
		For Work In Restricted Working Space, Add	*41.32*	
22 66 53 00-0160	EA	4" x 3" Glass Acid Resistant DWV Reducing Double Sanitary Tee	520.18	72.57
		For Work In Restricted Working Space, Add	*43.55*	
22 66 53 00-0161	EA	6" x 2" Glass Acid Resistant DWV Reducing Double Sanitary Tee	704.04	84.76
		For Work In Restricted Working Space, Add	*50.85*	
22 66 53 00-0162	EA	6" x 3" Glass Acid Resistant DWV Reducing Double Sanitary Tee	770.22	88.47
		For Work In Restricted Working Space, Add	*53.08*	
22 66 53 00-0163	EA	6" x 4" Glass Acid Resistant DWV Reducing Double Sanitary Tee	874.45	98.54
		For Work In Restricted Working Space, Add	*59.11*	

22 66 53 00-0164 Glass Acid Resistant DWV Tees *(22 66 53 00-0093)*

22 66 53 00-0165	EA	1-1/2" Glass Acid Resistant DWV Tee	199.12	39.20
		For Work In Restricted Working Space, Add	*23.53*	
22 66 53 00-0166	EA	2" Glass Acid Resistant DWV Tee	202.28	40.79
		For Work In Restricted Working Space, Add	*24.47*	
22 66 53 00-0167	EA	3" Glass Acid Resistant DWV Tee	267.51	46.62
		For Work In Restricted Working Space, Add	*27.97*	
22 66 53 00-0168	EA	4" Glass Acid Resistant DWV Tee	430.16	61.99
		For Work In Restricted Working Space, Add	*37.19*	
22 66 53 00-0169	EA	6" Glass Acid Resistant DWV Tee	925.12	85.82
		For Work In Restricted Working Space, Add	*51.50*	

22 66 53 00-0170 Glass Acid Resistant DWV Reducing Tees *(22 66 53 00-0093)*

22 66 53 00-0171	EA	2" x 1-1/2" Glass Acid Resistant DWV Reducing Tee	201.21	40.27
		For Work In Restricted Working Space, Add	*24.15*	
22 66 53 00-0172	EA	3" x 1-1/2" Glass Acid Resistant DWV Reducing Tee	240.72	43.97
		For Work In Restricted Working Space, Add	*26.38*	
22 66 53 00-0173	EA	3" x 2" Glass Acid Resistant DWV Reducing Tee	246.31	45.03
		For Work In Restricted Working Space, Add	*27.02*	
22 66 53 00-0174	EA	4" x 1-1/2" Glass Acid Resistant DWV Reducing Tee	309.04	54.56
		For Work In Restricted Working Space, Add	*32.74*	
22 66 53 00-0175	EA	4" x 2" Glass Acid Resistant DWV Reducing Tee	318.35	55.10
		For Work In Restricted Working Space, Add	*33.05*	
22 66 53 00-0176	EA	4" x 3" Glass Acid Resistant DWV Reducing Tee	392.66	56.69
		For Work In Restricted Working Space, Add	*34.02*	
22 66 53 00-0177	EA	6" x 3" Glass Acid Resistant DWV Reducing Tee	786.50	72.57
		For Work In Restricted Working Space, Add	*43.54*	
22 66 53 00-0178	EA	6" x 4" Glass Acid Resistant DWV Reducing Tee	816.76	77.87
		For Work In Restricted Working Space, Add	*46.72*	

22 66 53 00-0179 Glass Acid Resistant DWV Test Tees With Cleanout *(22 66 53 00-0093)*

22 66 53 00-0180	EA	1-1/2" Glass Acid Resistant DWV Test Tee With Cleanout	238.80	39.20
		For Work In Restricted Working Space, Add	*23.53*	
22 66 53 00-0181	EA	2" Glass Acid Resistant DWV Test Tee With Cleanout	269.57	40.79
		For Work In Restricted Working Space, Add	*24.47*	
22 66 53 00-0182	EA	3" Glass Acid Resistant DWV Test Tee With Cleanout	352.33	46.62
		For Work In Restricted Working Space, Add	*27.97*	
22 66 53 00-0183	EA	4" Glass Acid Resistant DWV Test Tee With Cleanout	623.45	61.99
		For Work In Restricted Working Space, Add	*37.19*	
22 66 53 00-0184	EA	6" Glass Acid Resistant DWV Test Tee With Cleanout	925.12	85.82
		For Work In Restricted Working Space, Add	*51.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0185		**Glass Acid Resistant DWV Wyes** *(22 66 53 00-0093)*		
22 66 53 00-0186	EA	1-1/2" Glass Acid Resistant DWV Wye	180.93	39.20
		For Work In Restricted Working Space, Add	*23.53*	
22 66 53 00-0187	EA	2" Glass Acid Resistant DWV Wye	184.09	40.79
		For Work In Restricted Working Space, Add	*24.47*	
22 66 53 00-0188	EA	3" Glass Acid Resistant DWV Wye	258.58	46.62
		For Work In Restricted Working Space, Add	*27.97*	
22 66 53 00-0189	EA	4" Glass Acid Resistant DWV Wye	407.18	61.99
		For Work In Restricted Working Space, Add	*37.19*	
22 66 53 00-0190	EA	6" Glass Acid Resistant DWV Wye	855.85	85.82
		For Work In Restricted Working Space, Add	*51.50*	
22 66 53 00-0191		**Glass Acid Resistant DWV Reducing Wyes** *(22 66 53 00-0093)*		
22 66 53 00-0192	EA	2" x 1-1/2" Glass Acid Resistant DWV Reducing Wye	183.02	40.27
		For Work In Restricted Working Space, Add	*24.15*	
22 66 53 00-0193	EA	3" x 1-1/2" Glass Acid Resistant DWV Reducing Wye	226.83	43.97
		For Work In Restricted Working Space, Add	*26.38*	
22 66 53 00-0194	EA	3" x 2" Glass Acid Resistant DWV Reducing Wye	233.25	45.03
		For Work In Restricted Working Space, Add	*27.02*	
22 66 53 00-0195	EA	4" x 1-1/2" Glass Acid Resistant DWV Reducing Wye	323.59	54.56
		For Work In Restricted Working Space, Add	*32.74*	
22 66 53 00-0196	EA	4" x 2" Glass Acid Resistant DWV Reducing Wye	326.61	55.10
		For Work In Restricted Working Space, Add	*33.05*	
22 66 53 00-0197	EA	4" x 3" Glass Acid Resistant DWV Reducing Wye	357.94	56.69
		For Work In Restricted Working Space, Add	*34.02*	
22 66 53 00-0198	EA	6" x 2" Glass Acid Resistant DWV Reducing Wye	611.37	70.99
		For Work In Restricted Working Space, Add	*42.59*	
22 66 53 00-0199	EA	6" x 3" Glass Acid Resistant DWV Reducing Wye	717.72	72.57
		For Work In Restricted Working Space, Add	*43.54*	
22 66 53 00-0200	EA	6" x 4" Glass Acid Resistant DWV Reducing Wye	781.04	77.87
		For Work In Restricted Working Space, Add	*46.72*	
22 66 53 00-0201		**Glass Acid Resistant DWV Double Wyes** *(22 66 53 00-0093)*		
22 66 53 00-0202	EA	1-1/2" Glass Acid Resistant DWV Double Wye	303.40	51.91
		For Work In Restricted Working Space, Add	*31.15*	
22 66 53 00-0203	EA	2" Glass Acid Resistant DWV Double Wye	308.71	54.56
		For Work In Restricted Working Space, Add	*32.74*	
22 66 53 00-0204	EA	3" Glass Acid Resistant DWV Double Wye	422.45	62.51
		For Work In Restricted Working Space, Add	*37.50*	
22 66 53 00-0205	EA	4" Glass Acid Resistant DWV Double Wye	665.90	82.64
		For Work In Restricted Working Space, Add	*49.57*	
22 66 53 00-0206	EA	6" Glass Acid Resistant DWV Double Wye	1,131.11	114.43
		For Work In Restricted Working Space, Add	*68.68*	
22 66 53 00-0207		**Glass Acid Resistant DWV Reducing Double Wyes** *(22 66 53 00-0093)*		
22 66 53 00-0208	EA	2" x 1-1/2" Glass Acid Resistant DWV Reducing Double Wye	306.55	53.50
		For Work In Restricted Working Space, Add	*32.09*	
22 66 53 00-0209	EA	3" x 1-1/2" Glass Acid Resistant DWV Reducing Double Wye	313.99	57.21
		For Work In Restricted Working Space, Add	*34.33*	
22 66 53 00-0210	EA	3" x 2" Glass Acid Resistant DWV Reducing Double Wye	370.34	58.27
		For Work In Restricted Working Space, Add	*34.96*	
22 66 53 00-0211	EA	4" x 1-1/2" Glass Acid Resistant DWV Reducing Double Wye	459.49	67.28
		For Work In Restricted Working Space, Add	*40.38*	
22 66 53 00-0212	EA	4" x 2" Glass Acid Resistant DWV Reducing Double Wye	487.11	68.87
		For Work In Restricted Working Space, Add	*41.32*	
22 66 53 00-0213	EA	4" x 3" Glass Acid Resistant DWV Reducing Double Wye	580.82	72.57
		For Work In Restricted Working Space, Add	*43.54*	
22 66 53 00-0214	EA	6" x 2" Glass Acid Resistant DWV Reducing Double Wye	924.15	84.76
		For Work In Restricted Working Space, Add	*50.84*	
22 66 53 00-0215	EA	6" x 3" Glass Acid Resistant DWV Reducing Double Wye	970.42	88.47
		For Work In Restricted Working Space, Add	*53.08*	
22 66 53 00-0216	EA	6" x 4" Glass Acid Resistant DWV Reducing Double Wye	1,033.71	98.54
		For Work In Restricted Working Space, Add	*59.12*	
22 66 53 00-0217		**Glass Acid Resistant DWV Combination Wye And 1/8 Bends** *(22 66 53 00-0093)*		
22 66 53 00-0218	EA	1-1/2" Glass Acid Resistant DWV Combination Wye And 1/8 Bend	207.11	39.20
		For Work In Restricted Working Space, Add	*23.53*	
22 66 53 00-0219	EA	2" Glass Acid Resistant DWV Combination Wye And 1/8 Bend	211.37	40.79
		For Work In Restricted Working Space, Add	*24.47*	
22 66 53 00-0220	EA	3" Glass Acid Resistant DWV Combination Wye And 1/8 Bend	274.79	46.62
		For Work In Restricted Working Space, Add	*27.97*	
22 66 53 00-0221	EA	4" Glass Acid Resistant DWV Combination Wye And 1/8 Bend	415.61	61.99
		For Work In Restricted Working Space, Add	*37.19*	
22 66 53 00-0222	EA	6" Glass Acid Resistant DWV Combination Wye And 1/8 Bend	832.20	85.82
		For Work In Restricted Working Space, Add	*51.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0223		**Glass Acid Resistant DWV Reducing Combination Wye And 1/8 Bends** *(22 66 53 00-0093)*		
22 66 53 00-0224	EA	2" x 1-1/2" Glass Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	210.30	40.27
		For Work In Restricted Working Space, Add	*24.15*	
22 66 53 00-0225	EA	3" x 1-1/2" Glass Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	230.96	43.97
		For Work In Restricted Working Space, Add	*26.38*	
22 66 53 00-0226	EA	3" x 2" Glass Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	249.78	45.03
		For Work In Restricted Working Space, Add	*27.02*	
22 66 53 00-0227	EA	4" x 1-1/2" Glass Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	313.67	54.56
		For Work In Restricted Working Space, Add	*32.74*	
22 66 53 00-0228	EA	4" x 2" Glass Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	328.76	55.10
		For Work In Restricted Working Space, Add	*33.05*	
22 66 53 00-0229	EA	4" x 3" Glass Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	360.42	56.69
		For Work In Restricted Working Space, Add	*34.02*	
22 66 53 00-0230	EA	6" x 2" Glass Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	612.85	70.99
		For Work In Restricted Working Space, Add	*42.59*	
22 66 53 00-0231	EA	6" x 3" Glass Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	703.34	72.57
		For Work In Restricted Working Space, Add	*43.54*	
22 66 53 00-0232	EA	6" x 4" Glass Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	714.91	77.87
		For Work In Restricted Working Space, Add	*46.72*	
22 66 53 00-0233		**Glass Acid Resistant DWV Double Combination Wye And 1/8 Bends** *(22 66 53 00-0093)*		
22 66 53 00-0234	EA	1-1/2" Double Glass Combination Wye And 1/8 Bend	278.60	51.91
		For Work In Restricted Working Space, Add	*31.15*	
22 66 53 00-0235	EA	2" Double Glass Combination Wye And 1/8 Bend	329.54	54.56
		For Work In Restricted Working Space, Add	*32.74*	
22 66 53 00-0236	EA	3" Double Glass Combination Wye And 1/8 Bend	453.87	62.51
		For Work In Restricted Working Space, Add	*37.50*	
22 66 53 00-0237	EA	4" Double Glass Combination Wye And 1/8 Bend	738.98	82.64
		For Work In Restricted Working Space, Add	*49.57*	
22 66 53 00-0238	EA	6" Double Glass Combination Wye And 1/8 Bend	1,247.76	114.43
		For Work In Restricted Working Space, Add	*68.68*	
22 66 53 00-0239		**Glass Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bends** *(22 66 53 00-0093)*		
22 66 53 00-0240	EA	2" x 1-1/2" Glass Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend	285.55	53.50
		For Work In Restricted Working Space, Add	*32.09*	
22 66 53 00-0241	EA	3" x 1-1/2" Glass Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend	372.52	57.21
		For Work In Restricted Working Space, Add	*34.33*	
22 66 53 00-0242	EA	3" x 2" Glass Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend	365.05	58.27
		For Work In Restricted Working Space, Add	*34.96*	
22 66 53 00-0243	EA	4" x 1-1/2" Glass Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend	500.16	67.28
		For Work In Restricted Working Space, Add	*40.38*	
22 66 53 00-0244	EA	4" x 2" Glass Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend	493.56	68.87
		For Work In Restricted Working Space, Add	*41.32*	
22 66 53 00-0245	EA	4" x 3" Glass Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend	557.83	72.57
		For Work In Restricted Working Space, Add	*43.54*	
22 66 53 00-0246	EA	6" x 2" Glass Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend	817.61	84.76
		For Work In Restricted Working Space, Add	*50.84*	
22 66 53 00-0247	EA	6" x 3" Glass Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend	872.86	88.47
		For Work In Restricted Working Space, Add	*53.08*	
22 66 53 00-0248	EA	6" x 4" Glass Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend	1,022.14	98.54
		For Work In Restricted Working Space, Add	*59.12*	
22 66 53 00-0249		**Glass Acid Resistant DWV Partition Crosses (Compact)** *(22 66 53 00-0093)*		
22 66 53 00-0250	EA	2" x 1-1/2" Glass Acid Resistant DWV Partition Cross (Compact)	318.62	53.50
		For Work In Restricted Working Space, Add	*32.09*	
22 66 53 00-0251	EA	2" Glass Acid Resistant DWV Partition Cross (Compact)	320.78	54.56
		For Work In Restricted Working Space, Add	*32.74*	
22 66 53 00-0252	EA	2" x 1-1/2" x 1-1/2" x 1-1/2" Glass Acid Resistant DWV Partition Cross (Compact)	348.34	52.98
		For Work In Restricted Working Space, Add	*31.79*	
22 66 53 00-0253		**Glass Acid Resistant DWV Upright Y Or H (Vent Branch)** *(22 66 53 00-0093)*		
22 66 53 00-0254	EA	1-1/2" Glass Acid Resistant DWV Reducing Upright Y Or H (Vent Branch)	325.44	39.20
		For Work In Restricted Working Space, Add	*23.53*	
22 66 53 00-0255	EA	2" Glass Acid Resistant DWV Reducing Upright Y Or H (Vent Branch)	360.84	40.79
		For Work In Restricted Working Space, Add	*24.47*	
22 66 53 00-0256	EA	3" Glass Acid Resistant DWV Reducing Upright Y Or H (Vent Branch)	415.49	46.62
		For Work In Restricted Working Space, Add	*27.97*	
22 66 53 00-0257	EA	4" Glass Acid Resistant DWV Reducing Upright Y Or H (Vent Branch)	615.68	61.99
		For Work In Restricted Working Space, Add	*37.19*	
22 66 53 00-0258	EA	6" Glass Acid Resistant DWV Reducing Upright Y Or H (Vent Branch)	1,184.71	85.82
		For Work In Restricted Working Space, Add	*51.50*	
22 66 53 00-0259		**Glass Acid Resistant DWV Reducing Upright Y Or H (Vent Branch)** *(22 66 53 00-0093)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0260	EA	2" x 1-1/2" Reducing Glass Upright Y Or H (Vent Branch)	326.54	40.27
		For Work In Restricted Working Space, Add	*24.15*	
22 66 53 00-0261	EA	3" x 1-1/2" Reducing Glass Upright Y Or H (Vent Branch)	374.64	43.97
		For Work In Restricted Working Space, Add	*26.38*	
22 66 53 00-0262	EA	3" x 2" Reducing Glass Upright Y Or H (Vent Branch)	400.74	45.03
		For Work In Restricted Working Space, Add	*27.02*	
22 66 53 00-0263	EA	4" x 1-1/2" Reducing Glass Upright Y Or H (Vent Branch)	462.48	54.56
		For Work In Restricted Working Space, Add	*32.74*	
22 66 53 00-0264	EA	4" x 2" Reducing Glass Upright Y Or H (Vent Branch)	492.12	55.10
		For Work In Restricted Working Space, Add	*33.05*	
22 66 53 00-0265	EA	4" x 3" Reducing Glass Upright Y Or H (Vent Branch)	544.28	56.69
		For Work In Restricted Working Space, Add	*34.02*	
22 66 53 00-0266	EA	6" x 3" Reducing Glass Upright Y Or H (Vent Branch)	793.28	72.57
		For Work In Restricted Working Space, Add	*43.54*	
22 66 53 00-0267	EA	6" x 4" Reducing Glass Upright Y Or H (Vent Branch)	908.36	77.87
		For Work In Restricted Working Space, Add	*46.72*	

22 66 53 00-0268 Glass Acid Resistant DWV Reducers Or Increasers *(22 66 53 00-0093)*

22 66 53 00-0269	EA	2" x 1-1/2" Glass Acid Resistant DWV Reducer Or Increaser	105.89	26.49
		For Eccentric Reducers Or Increasers, Add	*4.23*	
		For Work In Restricted Working Space, Add	*15.89*	
22 66 53 00-0270	EA	3" x 1-1/2" Glass Acid Resistant DWV Reducer Or Increaser	135.75	28.61
		For Eccentric Reducers Or Increasers, Add	*6.28*	
		For Work In Restricted Working Space, Add	*17.16*	
22 66 53 00-0271	EA	3" x 2" Glass Acid Resistant DWV Reducer Or Increaser	146.23	29.13
		For Eccentric Reducers Or Increasers, Add	*7.04*	
		For Work In Restricted Working Space, Add	*17.48*	
22 66 53 00-0272	EA	4" x 1-1/2" Glass Acid Resistant DWV Reducer Or Increaser	190.66	33.91
		For Eccentric Reducers Or Increasers, Add	*9.83*	
		For Work In Restricted Working Space, Add	*20.34*	
22 66 53 00-0273	EA	4" x 2" Glass Acid Resistant DWV Reducer Or Increaser	199.33	34.43
		For Eccentric Reducers Or Increasers, Add	*10.44*	
		For Work In Restricted Working Space, Add	*20.66*	
22 66 53 00-0274	EA	4" x 3" Glass Acid Resistant DWV Reducer Or Increaser	213.09	36.03
		For Eccentric Reducers Or Increasers, Add	*11.28*	
		For Work In Restricted Working Space, Add	*21.62*	
22 66 53 00-0275	EA	6" x 1-1/2" Glass Acid Resistant DWV Reducer Or Increaser	440.84	41.85
		For Eccentric Reducers Or Increasers, Add	*28.57*	
		For Work In Restricted Working Space, Add	*25.11*	
22 66 53 00-0276	EA	6" x 2" Glass Acid Resistant DWV Reducer Or Increaser	464.55	42.38
		For Eccentric Reducers Or Increasers, Add	*30.38*	
		For Work In Restricted Working Space, Add	*25.43*	
22 66 53 00-0277	EA	6" x 3" Glass Acid Resistant DWV Reducer Or Increaser	493.69	43.97
		For Eccentric Reducers Or Increasers, Add	*32.46*	
		For Work In Restricted Working Space, Add	*26.38*	
22 66 53 00-0278	EA	6" x 4" Glass Acid Resistant DWV Reducer Or Increaser	516.03	49.27
		For Eccentric Reducers Or Increasers, Add	*33.40*	
		For Work In Restricted Working Space, Add	*29.56*	

22 66 53 00-0279 Glass Acid Resistant DWV Swivel P-Traps *(22 66 53 00-0093)*

22 66 53 00-0280	EA	1-1/2" Glass Acid Resistant DWV Swivel P-Trap	264.59	39.20
		For Work In Restricted Working Space, Add	*23.52*	
22 66 53 00-0281	EA	2" x 1-1/2" Glass Acid Resistant DWV Swivel P-Trap	284.39	40.27
		For Work In Restricted Working Space, Add	*24.16*	
22 66 53 00-0282	EA	2" Glass Acid Resistant DWV Swivel P-Trap	322.65	40.79
		For Work In Restricted Working Space, Add	*24.47*	
22 66 53 00-0283	EA	1-1/2" Glass Acid Resistant DWV Swivel P-Trap	288.73	39.20
		For Work In Restricted Working Space, Add	*23.52*	
22 66 53 00-0284	EA	2" x 1-1/2" Glass Acid Resistant DWV Swivel P-Trap	315.14	40.27
		For Work In Restricted Working Space, Add	*24.16*	
22 66 53 00-0285	EA	2" Glass Acid Resistant DWV Swivel P-Trap	357.37	40.79
		For Work In Restricted Working Space, Add	*24.47*	
22 66 53 00-0286	EA	1-1/2" Glass Acid Resistant DWV Swivel P-Trap	295.34	39.20
		For Work In Restricted Working Space, Add	*23.52*	
22 66 53 00-0287	EA	2" x 1-1/2" Glass Acid Resistant DWV Swivel P-Trap	315.14	40.27
		For Work In Restricted Working Space, Add	*24.16*	
22 66 53 00-0288	EA	2" Glass Acid Resistant DWV Swivel P-Trap	357.37	40.79
		For Work In Restricted Working Space, Add	*24.47*	

22 66 53 00-0289 Glass Acid Resistant DWV Drum P-Traps *(22 66 53 00-0093)*

22 66 53 00-0290	EA	1-1/2" Glass Acid Resistant DWV Drum P-Trap	370.40	39.20
		For Work In Restricted Working Space, Add	*23.52*	
22 66 53 00-0291	EA	2" x 1-1/2" Glass Acid Resistant DWV Drum P-Trap	472.38	40.27
		For Work In Restricted Working Space, Add	*24.16*	
22 66 53 00-0292	EA	2" Glass Acid Resistant DWV Drum P-Trap	486.67	40.79
		For Work In Restricted Working Space, Add	*24.47*	
22 66 53 00-0293	EA	1-1/2" Glass Acid Resistant DWV Drum P-Trap	410.58	39.20
		For Work In Restricted Working Space, Add	*23.52*	
22 66 53 00-0294	EA	2" x 1-1/2" Glass Acid Resistant DWV Drum P-Trap	436.17	40.27
		For Work In Restricted Working Space, Add	*24.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0295	EA	2" Glass Acid Resistant DWV Drum P-Trap	494.44	40.79
		For Work In Restricted Working Space, Add	*24.47*	

22 66 53 00-0296 Glass Acid Resistant DWV Cleanout Plugs *(22 66 53 00-0093)*

22 66 53 00-0297	EA	1-1/2" Glass Acid Resistant DWV Cleanout Plug	51.13	13.25
		For Work In Restricted Working Space, Add	*7.95*	
22 66 53 00-0298	EA	2" Glass Acid Resistant DWV Cleanout Plug	58.62	13.77
		For Work In Restricted Working Space, Add	*8.26*	
22 66 53 00-0299	EA	3" Glass Acid Resistant DWV Cleanout Plug	75.21	15.36
		For Work In Restricted Working Space, Add	*9.22*	
22 66 53 00-0300	EA	4" Glass Acid Resistant DWV Cleanout Plug	121.35	20.66
		For Work In Restricted Working Space, Add	*12.40*	
22 66 53 00-0301	EA	6" Glass Acid Resistant DWV Cleanout Plug	174.11	28.61
		For Work In Restricted Working Space, Add	*17.16*	

22 66 53 00-0302 Glass Acid Resistant DWV Sink Fittings *(22 66 53 00-0093)*

22 66 53 00-0303	EA	1-1/2" Glass Acid Resistant DWV Interceptor Trap	810.01	51.91
		For Work In Restricted Working Space, Add	*31.15*	
22 66 53 00-0304	EA	1-1/2" x 6-1/2" Long Glass Acid Resistant DWV Tailpiece Assembly	72.29	13.25
		For Work In Restricted Working Space, Add	*7.95*	
22 66 53 00-0305	EA	1-1/2" x 10-1/2" Long Glass Acid Resistant DWV Tailpiece Assembly	81.05	13.25
		For Work In Restricted Working Space, Add	*7.95*	
22 66 53 00-0306	EA	1-1/2" Split Coupling (Threaded To Beaded Pipe) For Glass Acid Resistant DWV Pipe And Fittings	107.21	26.49
		For Work In Restricted Working Space, Add	*15.89*	
22 66 53 00-0307	EA	3" Diameter Hemispherical Glass Beaded Outlet For Glass Acid Resistant DWV Pipe And Fittings	236.15	27.54
		For Work In Restricted Working Space, Add	*16.53*	
22 66 53 00-0308	EA	6" Diameter Hemispherical Glass Beaded Outlet For Glass Acid Resistant DWV Pipe And Fittings	239.46	27.54
		For Work In Restricted Working Space, Add	*16.53*	
22 66 53 00-0309	EA	3" x 9" Oval Glass Beaded Outlet For Glass Acid Resistant DWV Pipe And Fittings	272.52	27.54
		For Work In Restricted Working Space, Add	*16.53*	
22 66 53 00-0310	EA	3" x 6" Oval Glass Beaded Outlet For Glass Acid Resistant DWV Pipe And Fittings	218.29	27.54
		For Work In Restricted Working Space, Add	*16.53*	

22 66 53 00-0311 Glass Acid Resistant DWV Pipe To High Silicon Cast Iron Pipe Mechanical Joint Adapters *(22 66 53 00-0093)*

Note: Includes teflon spacer.

22 66 53 00-0312	EA	1-1/2" Glass Acid Resistant DWV Pipe To High Silicon Cast Iron Pipe Mechanical Joint Adapter	200.87	39.10
		For Work In Restricted Working Space, Add	*23.46*	
22 66 53 00-0313	EA	2" Glass Acid Resistant DWV Pipe To High Silicon Cast Iron Pipe Mechanical Joint Adapter	209.48	41.00
		For Work In Restricted Working Space, Add	*24.60*	
22 66 53 00-0314	EA	3" Glass Acid Resistant DWV Pipe To High Silicon Cast Iron Pipe Mechanical Joint Adapter	296.84	46.72
		For Work In Restricted Working Space, Add	*28.04*	
22 66 53 00-0315	EA	4" Glass Acid Resistant DWV Pipe To High Silicon Cast Iron Pipe Mechanical Joint Adapter	426.80	62.09
		For Work In Restricted Working Space, Add	*37.22*	

22 66 53 00-0316 Bead To Bead Drainline Couplings For Glass Acid Resistant DWV Pipe And Fittings *(22 66 53 00-0093)*

Note: Includes segmented stainless steel outer band, Buna-N rubber compression liner with TFE seal ring, stainless steel bolt and silver plated stainless hex nut.

22 66 53 00-0317	EA	1-1/2" Bead To Bead Drainline Coupling For Glass Acid Resistant DWV Pipe And Fittings	41.50
22 66 53 00-0318	EA	2" Bead To Bead Drainline Coupling For Glass Acid Resistant DWV Pipe And Fittings	52.36
22 66 53 00-0319	EA	3" Bead To Bead Drainline Coupling For Glass Acid Resistant DWV Pipe And Fittings	70.00
22 66 53 00-0320	EA	4" Bead To Bead Drainline Coupling For Glass Acid Resistant DWV Pipe And Fittings	117.94
22 66 53 00-0321	EA	6" Bead To Bead, Stainless Steel, TFE Seal Ring Couplings, Glass Piping	274.74

22 66 53 00-0322 Bead To Plain End Drainline Couplings For Glass Acid Resistant DWV Pipe And Fittings *(22 66 53 00-0093)*

Note: Includes stainless steel band with bolt, Buna-N rubber compression liner with TFE seal ring and silver plated stainless hex nut.

22 66 53 00-0323	EA	1-1/2" Bead To Plain End Drainline Coupling For Glass Acid Resistant DWV Pipe And Fittings	53.52
22 66 53 00-0324	EA	2" Bead To Plain End Drainline Coupling For Glass Acid Resistant DWV Pipe And Fittings	66.96
22 66 53 00-0325	EA	3" Bead To Plain End Drainline Coupling For Glass Acid Resistant DWV Pipe And Fittings	113.70
22 66 53 00-0326	EA	4" Bead To Plain End Drainline Coupling For Glass Acid Resistant DWV Pipe And Fittings	169.48
22 66 53 00-0327	EA	6" Bead To Plain End Drainline Coupling For Glass Acid Resistant DWV Pipe And Fittings	413.23

22 66 53 00-0328 Bell And Spigot High Silicon Iron Alloy Acid Resistant Drain-Waste-Vent (DWV) Pipe And Fittings *(22 66 53)*

Note: Acid resistant. ASTM A518.

22 66 53 00-0329 Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe *(22 66 53 00-0328)*

22 66 53 00-0330	LF	2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe	134.09	9.43
22 66 53 00-0331	LF	3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe	189.45	11.76
22 66 53 00-0332	LF	4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe	258.96	13.56
22 66 53 00-0333	LF	6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe	428.28	20.14
22 66 53 00-0334	LF	8" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe	758.55	26.75

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0335	LF	10" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe	1,346.87	33.74
22 66 53 00-0336	LF	12" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe	2,407.41	45.45
22 66 53 00-0337	LF	15" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe	4,299.26	52.11
22 66 53 00-0338		**Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Fittings** *(22 66 53 00-0328)*		
22 66 53 00-0339		**Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Long Sweeps** *(22 66 53 00-0338)*		
22 66 53 00-0340	EA	2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Long Sweep	515.26	80.31
22 66 53 00-0341	EA	3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Long Sweep	681.62	88.36
22 66 53 00-0342	EA	4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Long Sweep	1,125.33	105.74
22 66 53 00-0343	EA	6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Long Sweep	1,701.74	133.03
22 66 53 00-0344	EA	8" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Long Sweep	3,941.00	215.01
22 66 53 00-0345		**Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/4 Bends** *(22 66 53 00-0338)*		
22 66 53 00-0346	EA	2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend	283.79	80.31
22 66 53 00-0347	EA	3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend	377.53	88.36
22 66 53 00-0348	EA	4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend	476.31	105.74
22 66 53 00-0349	EA	6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend	1,343.19	133.03
22 66 53 00-0350	EA	8" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend	3,077.30	215.01
22 66 53 00-0351	EA	10" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend	4,696.79	267.88
22 66 53 00-0352	EA	12" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend	6,925.63	322.15
22 66 53 00-0353		**Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/8 Bends** *(22 66 53 00-0338)*		
22 66 53 00-0354	EA	2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend	283.79	80.31
22 66 53 00-0355	EA	3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend	377.53	88.36
22 66 53 00-0356	EA	4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend	476.31	105.74
22 66 53 00-0357	EA	6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend	971.03	133.03
22 66 53 00-0358	EA	8" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend	2,596.21	215.01
22 66 53 00-0359	EA	10" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend	3,812.45	267.88
22 66 53 00-0360	EA	12" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend	5,428.57	322.15
22 66 53 00-0361		**Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/16 Bends** *(22 66 53 00-0338)*		
22 66 53 00-0362	EA	2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/16 Bend	283.79	80.31
22 66 53 00-0363	EA	3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/16 Bend	377.53	88.36
22 66 53 00-0364	EA	4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/16 Bend	476.06	105.64
22 66 53 00-0365		**Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Short Sweeps** *(22 66 53 00-0338)*		
22 66 53 00-0366	EA	2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Short Sweep	401.79	80.31
22 66 53 00-0367	EA	3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Short Sweep	736.08	88.36
22 66 53 00-0368	EA	4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Short Sweep	821.24	105.74
22 66 53 00-0369		**Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Tees** *(22 66 53 00-0338)*		
22 66 53 00-0370	EA	2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Tee	398.04	120.16
22 66 53 00-0371	EA	3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Tee	508.30	133.18
22 66 53 00-0372	EA	4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Tee	719.55	159.03
22 66 53 00-0373	EA	6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Tee	1,252.85	199.92
22 66 53 00-0374	EA	8" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Tee	3,937.85	322.80
22 66 53 00-0375	EA	10" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Tee	5,612.46	403.07
22 66 53 00-0376		**Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tees** *(22 66 53 00-0338)*		
22 66 53 00-0377	EA	2" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tee	372.41	115.17
22 66 53 00-0378	EA	3" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tee	439.58	123.65
22 66 53 00-0379	EA	3" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tee	495.96	127.99
22 66 53 00-0380	EA	4" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tee	570.45	141.34
22 66 53 00-0381	EA	4" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tee	613.52	145.79
22 66 53 00-0382	EA	4" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tee	678.87	150.14
22 66 53 00-0383	EA	6" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tee	872.86	173.00
22 66 53 00-0384	EA	6" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tee	974.10	177.46
22 66 53 00-0385	EA	6" x 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tee	1,095.25	185.61
22 66 53 00-0386		**Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Tees** *(22 66 53 00-0338)*		
22 66 53 00-0387	EA	2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Tee	461.52	120.16
22 66 53 00-0388	EA	3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Tee	562.25	132.87
22 66 53 00-0389	EA	4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Tee	778.51	159.03
22 66 53 00-0390		**Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Tees** *(22 66 53 00-0338)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0391	EA	2" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Tee	435.91	115.17
22 66 53 00-0392	EA	3" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Tee	551.33	128.63
22 66 53 00-0393	EA	4" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Tee	668.60	146.22
22 66 53 00-0394	EA	4" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Tee	720.39	150.56
22 66 53 00-0395		**Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Wyes** *(22 66 53 00-0338)*		
22 66 53 00-0396	EA	2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Wye	393.72	120.37
22 66 53 00-0397	EA	3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Wye	558.23	133.18
22 66 53 00-0398	EA	4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Wye	719.36	158.93
22 66 53 00-0399	EA	6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Wye	1,260.77	199.19
22 66 53 00-0400	EA	8" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Wye	4,963.07	322.48
22 66 53 00-0401		**Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wyes** *(22 66 53 00-0338)*		
22 66 53 00-0402	EA	2" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	408.68	115.17
22 66 53 00-0403	EA	3" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	439.53	123.65
22 66 53 00-0404	EA	3" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	465.32	128.73
22 66 53 00-0405	EA	4" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	520.52	141.34
22 66 53 00-0406	EA	4" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	541.15	146.01
22 66 53 00-0407	EA	4" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	661.38	150.56
22 66 53 00-0408	EA	6" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	922.34	173.21
22 66 53 00-0409	EA	6" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	1,105.72	177.46
22 66 53 00-0410	EA	6" x 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	1,154.25	185.61
22 66 53 00-0411	EA	8" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	2,890.83	260.15
22 66 53 00-0412	EA	8" x 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	3,126.09	268.74
22 66 53 00-0413	EA	8" x 6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	3,841.03	282.50
22 66 53 00-0414		**Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Combination Wye And 1/8 Bends** *(22 66 53 00-0338)*		
22 66 53 00-0415	EA	2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Combination Wye And 1/8 Bend	479.62	120.16
22 66 53 00-0416	EA	3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Combination Wye And 1/8 Bend	575.86	132.87
22 66 53 00-0417	EA	4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Combination Wye And 1/8 Bend	869.28	159.03
22 66 53 00-0418	EA	6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Combination Wye And 1/8 Bend	1,379.15	199.40
22 66 53 00-0419		**Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bends** *(22 66 53 00-0338)*		
22 66 53 00-0420	EA	2" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	390.52	115.17
22 66 53 00-0421	EA	3" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	457.69	123.65
22 66 53 00-0422	EA	3" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	510.48	128.63
22 66 53 00-0423	EA	4" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	552.29	141.34
22 66 53 00-0424	EA	4" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	645.91	146.22
22 66 53 00-0425	EA	4" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	738.48	150.45
22 66 53 00-0426	EA	6" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	981.27	173.21
22 66 53 00-0427	EA	6" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	1,237.42	177.56
22 66 53 00-0428	EA	6" x 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	1,358.93	185.93
22 66 53 00-0429		**Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducers** *(22 66 53 00-0338)*		
22 66 53 00-0430	EA	2" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducer	240.48	75.65
22 66 53 00-0431	EA	3" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducer	264.95	79.89
22 66 53 00-0432	EA	3" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducer	298.56	84.13
22 66 53 00-0433	EA	4" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducer	498.40	93.24
22 66 53 00-0434	EA	4" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducer	522.93	97.58
22 66 53 00-0435	EA	6" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducer	574.92	110.99
22 66 53 00-0436	EA	6" x 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducer	755.55	119.47
22 66 53 00-0437	EA	8" x 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducer	1,099.54	161.29
22 66 53 00-0438	EA	8" x 6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducer	1,169.97	174.94
22 66 53 00-0439		**Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Increasers** *(22 66 53 00-0338)*		
22 66 53 00-0440	EA	2" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Increaser	655.20	176.62
22 66 53 00-0441	EA	2" x 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Increaser	891.20	176.62
22 66 53 00-0442	EA	3" x 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Increaser	912.38	176.62
22 66 53 00-0443	EA	4" x 6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Increaser	1,029.11	247.52
22 66 53 00-0444		**Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV P-Traps** *(22 66 53 00-0338)*		
22 66 53 00-0445	EA	2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV P-Trap	783.03	80.31
22 66 53 00-0446	EA	3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV P-Trap	949.39	88.36
22 66 53 00-0447	EA	4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV P-Trap	1,157.10	105.74
22 66 53 00-0448	EA	6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV P-Trap	3,508.10	133.03

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0449		**Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Double Hubs** *(22 66 53 00-0338)*		
22 66 53 00-0450	EA	2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Double Hub	370.02	80.31
22 66 53 00-0451	EA	3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Double Hub	472.84	88.36
22 66 53 00-0452	EA	4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Double Hub	657.85	105.74
22 66 53 00-0453	EA	6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Double Hub	861.35	133.03
22 66 53 00-0454	EA	8" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Double Hub	1,703.45	185.61
22 66 53 00-0455		**Joint Material For Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe And Fittings** *(22 66 53 00-0328)*		
		Note: Labor costs for installation of lead and oakum are included in the installation costs for fittings.		
22 66 53 00-0456	LB	Lead (1 LB/Diameter Inch) Joint Material For Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe And Fittings	7.77	
22 66 53 00-0457	LB	Seal-Tite Packing (1/8 LB/Diameter Inch) Joint Material For Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe And Fittings	83.21	
22 66 53 00-0458		**Mechanical Joint High Silicon Iron Alloy Acid Resistant Drain-Waste-Vent (DWV) Pipe And Fittings** *(22 66 53)*		
		Note: ASTM A518.		
22 66 53 00-0459		**Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe** *(22 66 53 00-0458)*		
22 66 53 00-0460	LF	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe	106.59	7.10
22 66 53 00-0461	LF	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe	121.39	7.84
22 66 53 00-0462	LF	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe	167.87	9.85
22 66 53 00-0463	LF	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe	212.25	11.44
22 66 53 00-0464		**Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Fittings** *(22 66 53 00-0458)*		
22 66 53 00-0465		**Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Long Sweeps** *(22 66 53 00-0464)*		
22 66 53 00-0466	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Long Sweep	379.39	56.26
22 66 53 00-0467	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Long Sweep	408.51	63.57
22 66 53 00-0468	EA	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Long Sweep	568.05	70.14
22 66 53 00-0469	EA	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Long Sweep	685.40	84.76
22 66 53 00-0470		**Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/4 Bends** *(22 66 53 00-0464)*		
22 66 53 00-0471	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend	202.38	56.26
22 66 53 00-0472	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend	244.14	62.93
22 66 53 00-0473	EA	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend	318.79	70.35
22 66 53 00-0474	EA	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend	421.20	84.13
22 66 53 00-0475	EA	2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend	238.90	59.44
22 66 53 00-0476		**Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/8 Bends** *(22 66 53 00-0464)*		
22 66 53 00-0477	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend	202.38	56.26
22 66 53 00-0478	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend	244.14	62.93
22 66 53 00-0479	EA	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend	318.79	70.35
22 66 53 00-0480	EA	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend	421.20	84.13
22 66 53 00-0481		**Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/6 Bends** *(22 66 53 00-0464)*		
22 66 53 00-0482	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/6 Bend	243.23	56.26
22 66 53 00-0483	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/6 Bend	307.68	62.93
22 66 53 00-0484	EA	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/6 Bend	486.72	70.35
22 66 53 00-0485	EA	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/6 Bend	543.74	84.13
22 66 53 00-0486		**Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/16 Bends** *(22 66 53 00-0464)*		
22 66 53 00-0487	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/16 Bend	234.15	56.26
22 66 53 00-0488	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/16 Bend	280.45	62.93
22 66 53 00-0489	EA	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/16 Bend	445.87	70.35
22 66 53 00-0490	EA	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/16 Bend	502.89	84.13
22 66 53 00-0491		**Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Branch 1/4 Bends** *(22 66 53 00-0464)*		
22 66 53 00-0492	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Branch 1/4 Bend	353.86	84.65
22 66 53 00-0493		**Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Straight Tees** *(22 66 53 00-0464)*		
22 66 53 00-0494	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Straight Tee	281.24	84.65
22 66 53 00-0495	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Straight Tee	351.73	95.36

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0496	EA	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Straight Tee	472.48	106.27
22 66 53 00-0497	EA	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Straight Tee	730.80	127.25
22 66 53 00-0498		**Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Reducing Tees** *(22 66 53 00-0464)*		
22 66 53 00-0499	EA	2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Reducing Tee	328.20	91.76
22 66 53 00-0500	EA	3" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Reducing Tee	407.01	98.96
22 66 53 00-0501	EA	3" x 2" Mechanical Joint High Silicon Iron Alloy Sanitary Reducing Tee	434.94	102.45
22 66 53 00-0502	EA	4" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Reducing Tee	464.45	113.05
22 66 53 00-0503	EA	4" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Reducing Tee	514.69	116.23
22 66 53 00-0504	EA	4" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Reducing Tee	560.82	119.72
22 66 53 00-0505		**Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Wyes** *(22 66 53 00-0464)*		
22 66 53 00-0506	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Wye	281.66	84.98
22 66 53 00-0507	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Wye	333.58	95.36
22 66 53 00-0508	EA	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Wye	454.33	106.27
22 66 53 00-0509	EA	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Wye	730.80	127.25
22 66 53 00-0510		**Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Wyes** *(22 66 53 00-0464)*		
22 66 53 00-0511	EA	2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	315.30	92.29
22 66 53 00-0512	EA	3" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	393.36	98.86
22 66 53 00-0513	EA	3" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	412.71	102.78
22 66 53 00-0514	EA	4" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	464.96	113.37
22 66 53 00-0515	EA	4" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	515.65	116.87
22 66 53 00-0516	EA	4" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	547.65	120.04
22 66 53 00-0517		**Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wyes** *(22 66 53 00-0464)*		
22 66 53 00-0518	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wye	428.36	113.15
22 66 53 00-0519	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wye	553.96	127.36
22 66 53 00-0520	EA	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wye	719.55	140.92
22 66 53 00-0521	EA	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wye	943.87	169.42
22 66 53 00-0522	EA	2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wye	474.72	119.83
22 66 53 00-0523	EA	3" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wye	535.22	126.94
22 66 53 00-0524	EA	3" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wye	645.65	133.93
22 66 53 00-0525	EA	4" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wye	712.50	148.33
22 66 53 00-0526	EA	4" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wye	869.00	155.86
22 66 53 00-0527		**Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Crosses** *(22 66 53 00-0464)*		
22 66 53 00-0528	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Cross	482.75	113.15
22 66 53 00-0529	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Cross	571.85	127.15
22 66 53 00-0530	EA	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Cross	838.76	141.66
22 66 53 00-0531	EA	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Cross	1,184.69	169.63
22 66 53 00-0532	EA	2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Cross	520.04	119.83
22 66 53 00-0533	EA	3" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Cross	694.03	126.94
22 66 53 00-0534	EA	3" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Cross	731.80	133.93
22 66 53 00-0535	EA	4" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Cross	780.53	148.23
22 66 53 00-0536	EA	4" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Cross	1,008.88	155.22
22 66 53 00-0537		**Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Wye And 1/8 Bends** *(22 66 53 00-0464)*		
22 66 53 00-0538	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Wye And 1/8 Bend	317.13	84.34
22 66 53 00-0539	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Wye And 1/8 Bend	369.89	95.36
22 66 53 00-0540	EA	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Wye And 1/8 Bend	454.33	106.27
22 66 53 00-0541	EA	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Wye And 1/8 Bend	780.73	127.25
22 66 53 00-0542		**Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bends** *(22 66 53 00-0464)*		
22 66 53 00-0543	EA	2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	350.98	91.86
22 66 53 00-0544	EA	3" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	393.79	99.17
22 66 53 00-0545	EA	3" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	430.86	102.78
22 66 53 00-0546	EA	4" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	596.58	113.37
22 66 53 00-0547	EA	4" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	610.96	116.87
22 66 53 00-0548	EA	4" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	688.34	120.04

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0549		**Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Combination Wye And 1/8 Bends** *(22 66 53 00-0464)*		
22 66 53 00-0550	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Combination Wye And 1/8 Bend	514.28	112.94
22 66 53 00-0551	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Combination Wye And 1/8 Bend	653.46	127.04
22 66 53 00-0552	EA	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Combination Wye And 1/8 Bend	960.54	141.23
22 66 53 00-0553	EA	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Combination Wye And 1/8 Bend	1,153.46	169.95
22 66 53 00-0554		**Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bends** *(22 66 53 00-0464)*		
22 66 53 00-0555	EA	2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend	560.89	119.83
22 66 53 00-0556	EA	3" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend	680.39	126.82
22 66 53 00-0557	EA	3" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend	709.11	133.93
22 66 53 00-0558	EA	4" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend	789.60	148.23
22 66 53 00-0559	EA	4" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend	1,008.88	155.22
22 66 53 00-0560		**Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducers-Increasers** *(22 66 53 00-0464)*		
22 66 53 00-0561	EA	2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducer-Increaser	239.78	60.07
22 66 53 00-0562	EA	3" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducer-Increaser	272.32	63.57
22 66 53 00-0563	EA	3" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducer-Increaser	319.97	74.17
22 66 53 00-0564	EA	4" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducer-Increaser	387.03	70.46
22 66 53 00-0565	EA	4" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducer-Increaser	410.47	73.95
22 66 53 00-0566	EA	4" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducer-Increaser	433.91	77.45
22 66 53 00-0567		**Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Cleanout And Test Tees** *(22 66 53 00-0464)*		
22 66 53 00-0568	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Cleanout And Test Tee	223.94	49.48
22 66 53 00-0569	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Cleanout And Test Tee	260.89	55.94
22 66 53 00-0570	EA	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Cleanout And Test Tee	308.24	63.36
22 66 53 00-0571	EA	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Cleanout And Test Tee	578.62	77.14
22 66 53 00-0572		**Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe Plugs** *(22 66 53 00-0464)*		
22 66 53 00-0573	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe Plug	96.65	28.19
22 66 53 00-0574	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe Plug	115.27	31.47
22 66 53 00-0575	EA	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe Plug	125.36	35.18
22 66 53 00-0576	EA	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe Plug	162.94	42.06
22 66 53 00-0577		**Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV P-Traps** *(22 66 53 00-0464)*		
22 66 53 00-0578	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV P-Trap	424.27	55.94
22 66 53 00-0579	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV P-Trap	434.76	62.93
22 66 53 00-0580	EA	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV P-Trap	541.18	70.35
22 66 53 00-0581	EA	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV P-Trap	693.51	84.13
22 66 53 00-0582	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Running Acid Resistant DWV P-Trap	598.47	60.18
22 66 53 00-0583	EA	2" Mechanical Joint High Silicon Iron Alloy Running Acid Resistant DWV P-Trap	831.47	67.17
22 66 53 00-0584	EA	3" Mechanical Joint High Silicon Iron Alloy Running Acid Resistant DWV P-Trap	1,009.80	74.17
22 66 53 00-0585	EA	4" Mechanical Joint High Silicon Iron Alloy Running Acid Resistant DWV P-Trap	1,258.00	88.36
22 66 53 00-0586		**Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Centrifugal Drum Traps** *(22 66 53 00-0464)*		
22 66 53 00-0587	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Centrifugal Drum P-Trap	808.30	63.89
22 66 53 00-0588	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Centrifugal Drum P-Trap	1,290.53	70.67
22 66 53 00-0589	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Centrifugal Drum S-Trap	844.23	63.57
22 66 53 00-0590	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Centrifugal Drum S-Trap	1,290.53	70.67
22 66 53 00-0591		**Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Traps** *(22 66 53 00-0464)*		
22 66 53 00-0592	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Short P-Trap	748.92	63.57
22 66 53 00-0593	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Short P-Trap	882.06	70.67
22 66 53 00-0594	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Long P-Trap	871.46	63.57
22 66 53 00-0595	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Long S-Trap	1,948.63	70.67
22 66 53 00-0596	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Long S-Trap	1,145.30	70.67
22 66 53 00-0597		**Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Return Bends** *(22 66 53 00-0464)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0598	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Return Bend	298.07	56.58
22 66 53 00-0599	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Return Bend	394.90	63.57
22 66 53 00-0600		**Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Threaded Adapters** *(22 66 53 00-0464)*		
22 66 53 00-0601	EA	1-1/2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Threaded Adapter	145.27	42.38
22 66 53 00-0602	EA	1-1/2" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Threaded Adapter	282.18	45.98
22 66 53 00-0603	EA	2" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Threaded Adapter	197.47	52.98
22 66 53 00-0604		**Mechanical Joint High Silicon Iron Alloy Acid Resistant Hub To Mechanical Joint Adapter** *(22 66 53 00-0464)*		
22 66 53 00-0605	EA	1-1/2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant Hub To Mechanical Joint Adapter	281.06	60.28
22 66 53 00-0606	EA	1-1/2" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant Hub To Mechanical Joint Adapter	308.62	63.57
22 66 53 00-0607	EA	1-1/2" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant Hub To Mechanical Joint Adapter	345.68	67.06
22 66 53 00-0608	EA	1-1/2" x 4" Mechanical Joint High Silicon Iron Alloy Acid Resistant Hub To Mechanical Joint Adapter	369.62	73.95
22 66 53 00-0609	EA	2" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant Hub To Mechanical Joint Adapter	345.73	67.17
22 66 53 00-0610	EA	2" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant Hub To Mechanical Joint Adapter	364.60	70.67
22 66 53 00-0611	EA	2" x 4" Mechanical Joint High Silicon Iron Alloy Acid Resistant Hub To Mechanical Joint Adapter	393.06	77.45
22 66 53 00-0612	EA	3" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant Hub To Mechanical Joint Adapter	451.64	74.17
22 66 53 00-0613	EA	4" x 4" Mechanical Joint High Silicon Iron Alloy Hub To Mechanical Joint Adapter	559.08	88.36
22 66 53 00-0614		**Mechanical Joint Couplings For Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe And Fittings** *(22 66 53 00-0464)*		
22 66 53 00-0615	EA	1-1/2" Mechanical Joint Couplings For Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe And Fitting	108.93	
22 66 53 00-0616	EA	2" Mechanical Joint Couplings For Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe And Fitting	127.08	
22 66 53 00-0617	EA	3" Mechanical Joint Couplings For Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe And Fitting	136.16	
22 66 53 00-0618	EA	4" Mechanical Joint Couplings For Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe And Fitting	149.77	
22 66 53 00-0619		**Mechanical Joint High Silicon Iron Alloy Acid Resistant Sink Fittings** *(22 66 53 00-0464)*		
22 66 53 00-0620	EA	Mechanical Joint High Silicon Iron Alloy Acid Resistant Sink Outlet	791.25	28.29
22 66 53 00-0621	EA	Mechanical Joint High Silicon Iron Alloy Acid Resistant Stopper	298.04	14.09
22 66 53 00-0622	EA	Mechanical Joint High Silicon Iron Alloy Acid Resistant Sink Overflow	561.28	14.09
22 66 53 00-0623		**Mechanical Joint High Silicon Iron Alloy Acid Resistant Floor Drains With Stainless Steel Strainer Plates** *(22 66 53 00-0464)*		
22 66 53 00-0624	EA	Mechanical Joint High Silicon Iron Alloy Acid Resistant Floor Drain With Stainless Steel Strainer	2,817.05	141.34
22 66 53 00-0625	EA	Mechanical Joint High Silicon Iron Alloy Acid Resistant Sediment Basin Floor Drain With Stainless Steel Strainer	3,490.28	148.44
22 66 53 00-0626	EA	Stainless Steel Funnel Attachment For Mechanical Joint High Silicon Iron Alloy Acid Resistant Floor Drain	2,390.32	14.09
22 66 53 00-0627		**Chlorinated Polyvinyl Chloride (CPVC) Drain-Waste-Vent (DWV) Pipe And Fittings (ASTM F2618)** *(22 66 53)*		
22 66 53 00-0628		**Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) DWV Pipe** *(22 66 53 00-0627)*		
		Note: Excludes fittings or hangers.		
22 66 53 00-0629	LF	1-1/2" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) DWV Pipe	18.13	4.45
22 66 53 00-0630	LF	2" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) DWV Pipe	23.49	5.30
22 66 53 00-0631	LF	3" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) DWV Pipe	39.47	7.63
22 66 53 00-0632	LF	4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) DWV Pipe	52.19	8.26
22 66 53 00-0633	LF	6" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) DWV Pipe	87.80	10.60
22 66 53 00-0634	LF	8" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) DWV Pipe	204.05	14.10
22 66 53 00-0635		**Chlorinated Polyvinyl Chloride (CPVC) DWV Fittings** *(22 66 53 00-0627)*		
22 66 53 00-0636		**Chlorinated Polyvinyl Chloride (CPVC) DWV 1/4 Bends** *(22 66 53 00-0635)*		
22 66 53 00-0637	EA	1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV 1/4 Bends	70.55	17.69
		Note: 0.125		
		For Work In Restricted Working Space, Add	*7.95*	
22 66 53 00-0638	EA	2" Chlorinated Polyvinyl Chloride (CPVC) DWV 1/4 Bends	88.64	22.57
		Note: 0.16		
		For Work In Restricted Working Space, Add	*10.17*	
22 66 53 00-0639	EA	3" Chlorinated Polyvinyl Chloride (CPVC) DWV 1/4 Bends	138.51	30.30
		Note: 0.215		
		For Work In Restricted Working Space, Add	*13.67*	
22 66 53 00-0640	EA	4" Chlorinated Polyvinyl Chloride (CPVC) DWV 1/4 Bends	200.85	35.28
		Note: 0.25		
		For Work In Restricted Working Space, Add	*15.89*	
22 66 53 00-0641	EA	6" Chlorinated Polyvinyl Chloride (CPVC) DWV 1/4 Bends	451.54	45.88
		Note: 0.325		
		For Work In Restricted Working Space, Add	*20.66*	
22 66 53 00-0642	EA	8" Chlorinated Polyvinyl Chloride (CPVC) DWV 1/4 Bends	626.09	61.78
		Note: 0.438		
		For Work In Restricted Working Space, Add	*27.81*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0643		**Chlorinated Polyvinyl Chloride (CPVC) DWV Long Sweep 1/4 Bends** *(22 66 53 00-0635)*		
22 66 53 00-0644	EA	1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Long Sweep 1/4 Bends	72.07	17.69
		For Work In Restricted Working Space, Add	*7.95*	
22 66 53 00-0645	EA	2" Chlorinated Polyvinyl Chloride (CPVC) DWV Long Sweep 1/4 Bends	96.04	22.57
		For Work In Restricted Working Space, Add	*10.17*	
22 66 53 00-0646	EA	3" Chlorinated Polyvinyl Chloride (CPVC) DWV Long Sweep 1/4 Bends	151.87	30.30
		For Work In Restricted Working Space, Add	*13.67*	
22 66 53 00-0647	EA	4" Chlorinated Polyvinyl Chloride (CPVC) DWV Long Sweep 1/4 Bends	205.75	35.28
		For Work In Restricted Working Space, Add	*15.89*	
22 66 53 00-0648		**Chlorinated Polyvinyl Chloride (CPVC) DWV 1/8 Bends** *(22 66 53 00-0635)*		
22 66 53 00-0649	EA	1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV 1/8 Bends	69.78	17.69
		For Work In Restricted Working Space, Add	*7.95*	
22 66 53 00-0650	EA	2" Chlorinated Polyvinyl Chloride (CPVC) DWV 1/8 Bends	86.64	22.57
		For Work In Restricted Working Space, Add	*10.17*	
22 66 53 00-0651	EA	3" Chlorinated Polyvinyl Chloride (CPVC) DWV 1/8 Bends	142.34	30.30
		For Work In Restricted Working Space, Add	*13.67*	
22 66 53 00-0652	EA	4" Chlorinated Polyvinyl Chloride (CPVC) DWV 1/8 Bends	162.66	35.28
		For Work In Restricted Working Space, Add	*15.89*	
22 66 53 00-0653	EA	6" Chlorinated Polyvinyl Chloride (CPVC) DWV 1/8 Bends	389.21	45.88
		For Work In Restricted Working Space, Add	*20.66*	
22 66 53 00-0654	EA	8" Chlorinated Polyvinyl Chloride (CPVC) DWV 1/8 Bends	554.61	61.78
		For Work In Restricted Working Space, Add	*27.81*	
22 66 53 00-0655		**Chlorinated Polyvinyl Chloride (CPVC) DWV 1/16 Bends** *(22 66 53 00-0635)*		
22 66 53 00-0656	EA	1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV 1/16 Bends	70.64	17.69
		For Work In Restricted Working Space, Add	*7.95*	
22 66 53 00-0657	EA	2" Chlorinated Polyvinyl Chloride (CPVC) DWV 1/16 Bends	86.57	22.57
		For Work In Restricted Working Space, Add	*10.17*	
22 66 53 00-0658	EA	3" Chlorinated Polyvinyl Chloride (CPVC) DWV 1/16 Bends	140.75	30.30
		For Work In Restricted Working Space, Add	*13.67*	
22 66 53 00-0659	EA	4" Chlorinated Polyvinyl Chloride (CPVC) DWV 1/16 Bends	175.10	35.28
		For Work In Restricted Working Space, Add	*15.89*	
22 66 53 00-0660	EA	6" Chlorinated Polyvinyl Chloride (CPVC) DWV 1/16 Bends	313.05	45.88
		For Work In Restricted Working Space, Add	*20.66*	
22 66 53 00-0661	EA	8" Chlorinated Polyvinyl Chloride (CPVC) DWV 1/16 Bends	344.49	61.78
		For Work In Restricted Working Space, Add	*27.81*	
22 66 53 00-0662		**Chlorinated Polyvinyl Chloride (CPVC) DWV Double 1/4 Bends** *(22 66 53 00-0635)*		
22 66 53 00-0663	EA	3" Chlorinated Polyvinyl Chloride (CPVC) DWV Double 1/4 Bends	429.54	45.56
		For Work In Restricted Working Space, Add	*20.50*	
22 66 53 00-0664	EA	2" Chlorinated Polyvinyl Chloride (CPVC) DWV Double 1/4 Bends	333.38	33.91
		For Work In Restricted Working Space, Add	*15.26*	
22 66 53 00-0665	EA	1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Double 1/4 Bends	201.38	26.49
		For Work In Restricted Working Space, Add	*11.92*	
22 66 53 00-0666		**Chlorinated Polyvinyl Chloride (CPVC) DWV Sanitary Tees** *(22 66 53 00-0635)*		
22 66 53 00-0667	EA	1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Sanitary Tees	94.46	26.49
		For Work In Restricted Working Space, Add	*11.92*	
22 66 53 00-0668	EA	2" Chlorinated Polyvinyl Chloride (CPVC) DWV Sanitary Tees	116.41	33.91
		For Work In Restricted Working Space, Add	*15.26*	
22 66 53 00-0669	EA	3" Chlorinated Polyvinyl Chloride (CPVC) DWV Sanitary Tees	199.54	45.56
		For Work In Restricted Working Space, Add	*20.50*	
22 66 53 00-0670	EA	4" Chlorinated Polyvinyl Chloride (CPVC) DWV Sanitary Tees	275.99	52.98
		For Work In Restricted Working Space, Add	*23.84*	
22 66 53 00-0671	EA	6" Chlorinated Polyvinyl Chloride (CPVC) DWV Sanitary Tees	758.34	68.77
		For Work In Restricted Working Space, Add	*30.99*	
22 66 53 00-0672	EA	8" Chlorinated Polyvinyl Chloride (CPVC) DWV Sanitary Tees	1,051.84	92.60
		For Work In Restricted Working Space, Add	*41.72*	
22 66 53 00-0673		**Chlorinated Polyvinyl Chloride (CPVC) DWV Reducing Sanitary Tees** *(22 66 53 00-0635)*		
22 66 53 00-0674	EA	2" x 1-1/2" x 1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Reducing Sanitary Tees	108.87	28.92
		For Work In Restricted Working Space, Add	*13.03*	
22 66 53 00-0675	EA	2" x 1-1/2" x 2" Chlorinated Polyvinyl Chloride (CPVC) DWV Reducing Sanitary Tees	115.55	31.36
		For Work In Restricted Working Space, Add	*14.15*	
22 66 53 00-0676	EA	2" x 2" x 1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Reducing Sanitary Tees	112.58	31.36
		For Work In Restricted Working Space, Add	*14.15*	
22 66 53 00-0677	EA	3" x 3" x 1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Reducing Sanitary Tees	172.68	39.20
		For Work In Restricted Working Space, Add	*17.64*	
22 66 53 00-0678	EA	3" x 3" x 2" Chlorinated Polyvinyl Chloride (CPVC) DWV Reducing Sanitary Tees	184.94	41.64
		For Work In Restricted Working Space, Add	*18.75*	
22 66 53 00-0679	EA	4" x 4" x 2" Chlorinated Polyvinyl Chloride (CPVC) DWV Reducing Sanitary Tees	245.52	46.62
		For Work In Restricted Working Space, Add	*20.98*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0680	EA	4" x 4" x 3" Chlorinated Polyvinyl Chloride (CPVC) DWV Reducing Sanitary Tees	259.21	50.43
		For Work In Restricted Working Space, Add	*22.73*	
22 66 53 00-0681	EA	6" x 6" x 4" Chlorinated Polyvinyl Chloride (CPVC) DWV Reducing Sanitary Tees	554.05	63.47
		For Work In Restricted Working Space, Add	*28.61*	
22 66 53 00-0682	EA	8" x 8" x 4" Chlorinated Polyvinyl Chloride (CPVC) DWV Reducing Sanitary Tees	1,315.34	79.35
		For Work In Restricted Working Space, Add	*35.76*	
22 66 53 00-0683		**Chlorinated Polyvinyl Chloride (CPVC) DWV Double Sanitary Tees** *(22 66 53 00-0635)*		
22 66 53 00-0684	EA	1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Sanitary Tees	135.44	35.28
		For Work In Restricted Working Space, Add	*15.89*	
22 66 53 00-0685	EA	2" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Sanitary Tees	165.05	45.13
		For Work In Restricted Working Space, Add	*20.34*	
22 66 53 00-0686	EA	3" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Sanitary Tees	221.16	60.71
		For Work In Restricted Working Space, Add	*27.34*	
22 66 53 00-0687	EA	4" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Sanitary Tees	279.50	70.56
		For Work In Restricted Working Space, Add	*31.79*	
22 66 53 00-0688		**Chlorinated Polyvinyl Chloride (CPVC) DWV Reducing Double Sanitary Tees** *(22 66 53 00-0635)*		
22 66 53 00-0689	EA	2" x 2" x 1-1/2" x 1-1/2 Chlorinated Polyvinyl Chloride (CPVC) DWV Double Sanitary Tee	169.01	40.27
		For Work In Restricted Working Space, Add	*18.12*	
22 66 53 00-0690	EA	3" x 3" x 1-1/2" x 1-1/2 Chlorinated Polyvinyl Chloride (CPVC) DWV Double Sanitary Tee	201.88	47.99
		For Work In Restricted Working Space, Add	*21.62*	
22 66 53 00-0691	EA	3" x 3" x 2" x 2" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Sanitary Tee	262.23	52.98
		For Work In Restricted Working Space, Add	*23.84*	
22 66 53 00-0692	EA	4" x 4" x 2" x 2" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Sanitary Tee	227.92	57.85
		For Work In Restricted Working Space, Add	*26.06*	
22 66 53 00-0693	EA	4" x 4" x 3" x 3" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Sanitary Tee	254.26	65.58
		For Work In Restricted Working Space, Add	*29.56*	
22 66 53 00-0694		**Chlorinated Polyvinyl Chloride (CPVC) DWV Reducers** *(22 66 53 00-0635)*		
22 66 53 00-0695	EA	2" x 1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Reducers	97.54	20.13
		For Work In Restricted Working Space, Add	*9.06*	
22 66 53 00-0696	EA	3" x 1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Reducers	107.13	23.95
		For Work In Restricted Working Space, Add	*10.81*	
22 66 53 00-0697	EA	3" x 2" Chlorinated Polyvinyl Chloride (CPVC) DWV Reducers	181.95	26.49
		For Work In Restricted Working Space, Add	*11.92*	
22 66 53 00-0698	EA	4" x 2" Chlorinated Polyvinyl Chloride (CPVC) DWV Reducers	199.72	28.92
		For Work In Restricted Working Space, Add	*13.03*	
22 66 53 00-0699	EA	4" x 3" Chlorinated Polyvinyl Chloride (CPVC) DWV Reducers	219.79	32.84
		For Work In Restricted Working Space, Add	*14.78*	
22 66 53 00-0700	EA	6" x 3" Chlorinated Polyvinyl Chloride (CPVC) DWV Reducers	301.73	38.14
		For Work In Restricted Working Space, Add	*17.16*	
22 66 53 00-0701	EA	6" x 4" Chlorinated Polyvinyl Chloride (CPVC) DWV Reducers	349.27	40.58
		For Work In Restricted Working Space, Add	*18.28*	
22 66 53 00-0702		**Chlorinated Polyvinyl Chloride (CPVC) DWV Flush Bushings** *(22 66 53 00-0635)*		
22 66 53 00-0703	EA	2" x 1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Flush Bushing	66.89	20.13
		For Work In Restricted Working Space, Add	*9.06*	
22 66 53 00-0704	EA	3" x 1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Flush Bushing	74.81	23.95
		For Work In Restricted Working Space, Add	*10.81*	
22 66 53 00-0705	EA	3" x 2" Chlorinated Polyvinyl Chloride (CPVC) DWV Flush Bushing	82.02	26.49
		For Work In Restricted Working Space, Add	*11.92*	
22 66 53 00-0706	EA	4" x 2" Chlorinated Polyvinyl Chloride (CPVC) DWV Flush Bushing	137.29	28.92
		For Work In Restricted Working Space, Add	*13.03*	
22 66 53 00-0707	EA	4" x 3" Chlorinated Polyvinyl Chloride (CPVC) DWV Flush Bushing	145.30	32.84
		For Work In Restricted Working Space, Add	*14.78*	
22 66 53 00-0708	EA	6" x 3" Chlorinated Polyvinyl Chloride (CPVC) DWV Flush Bushing	233.37	38.14
		For Work In Restricted Working Space, Add	*17.16*	
22 66 53 00-0709	EA	6" x 4" Chlorinated Polyvinyl Chloride (CPVC) DWV Flush Bushing	228.92	40.58
		For Work In Restricted Working Space, Add	*18.28*	
22 66 53 00-0710	EA	8" x 4" Chlorinated Polyvinyl Chloride (CPVC) DWV Flush Bushing	683.51	48.53
		For Work In Restricted Working Space, Add	*21.87*	
22 66 53 00-0711	EA	8" x 6" Chlorinated Polyvinyl Chloride (CPVC) DWV Flush Bushing	717.88	53.83
		For Work In Restricted Working Space, Add	*24.26*	
22 66 53 00-0712		**Chlorinated Polyvinyl Chloride (CPVC) DWV P-Traps** *(22 66 53 00-0635)*		
22 66 53 00-0713	EA	1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV P-Traps	125.65	26.49
		For Work In Restricted Working Space, Add	*11.92*	
22 66 53 00-0714	EA	2" Chlorinated Polyvinyl Chloride (CPVC) DWV P-Traps	170.73	33.91
		For Work In Restricted Working Space, Add	*15.26*	
22 66 53 00-0715	EA	3" Chlorinated Polyvinyl Chloride (CPVC) DWV P-Traps	285.95	45.56
		For Work In Restricted Working Space, Add	*20.50*	
22 66 53 00-0716	EA	4" Chlorinated Polyvinyl Chloride (CPVC) DWV P-Traps	466.26	52.98
		For Work In Restricted Working Space, Add	*23.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0717		**Chlorinated Polyvinyl Chloride (CPVC) DWV Wyes** *(22 66 53 00-0635)*		
22 66 53 00-0718	EA	1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Wyes	95.52	26.49
		For Work In Restricted Working Space, Add	*11.92*	
22 66 53 00-0719	EA	2" Chlorinated Polyvinyl Chloride (CPVC) DWV Wyes	129.11	33.91
		For Work In Restricted Working Space, Add	*15.26*	
22 66 53 00-0720	EA	3" Chlorinated Polyvinyl Chloride (CPVC) DWV Wyes	207.84	45.56
		For Work In Restricted Working Space, Add	*20.50*	
22 66 53 00-0721	EA	4" Chlorinated Polyvinyl Chloride (CPVC) DWV Wyes	282.79	52.98
		For Work In Restricted Working Space, Add	*23.84*	
22 66 53 00-0722	EA	6" Chlorinated Polyvinyl Chloride (CPVC) DWV Wyes	619.45	68.77
		For Work In Restricted Working Space, Add	*30.99*	
22 66 53 00-0723	EA	8" Chlorinated Polyvinyl Chloride (CPVC) DWV Wyes	700.88	92.60
		For Work In Restricted Working Space, Add	*41.72*	
22 66 53 00-0724		**Chlorinated Polyvinyl Chloride (CPVC) DWV Reducing Wyes** *(22 66 53 00-0635)*		
22 66 53 00-0725	EA	2" x 1-1/2" x 1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Reducing Wyes	104.43	28.92
		For Work In Restricted Working Space, Add	*13.03*	
22 66 53 00-0726	EA	2" x 2" x 1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Reducing Wyes	125.41	31.36
		For Work In Restricted Working Space, Add	*14.15*	
22 66 53 00-0727	EA	3" x 3" x 1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Reducing Wyes	178.91	39.20
		For Work In Restricted Working Space, Add	*17.64*	
22 66 53 00-0728	EA	3" x 3" x 2" Chlorinated Polyvinyl Chloride (CPVC) DWV Reducing Wyes	192.53	41.64
		For Work In Restricted Working Space, Add	*18.75*	
22 66 53 00-0729	EA	4" x 4" x 1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Reducing Wyes	195.29	44.07
		For Work In Restricted Working Space, Add	*19.87*	
22 66 53 00-0730	EA	4" x 4" x 2" Chlorinated Polyvinyl Chloride (CPVC) DWV Reducing Wyes	257.07	46.62
		For Work In Restricted Working Space, Add	*20.98*	
22 66 53 00-0731	EA	4" x 4" x 3" Chlorinated Polyvinyl Chloride (CPVC) DWV Reducing Wyes	270.93	50.43
		For Work In Restricted Working Space, Add	*22.73*	
22 66 53 00-0732	EA	6" x 6" x 4" Chlorinated Polyvinyl Chloride (CPVC) DWV Reducing Wyes	430.54	63.47
		For Work In Restricted Working Space, Add	*28.61*	
22 66 53 00-0733	EA	8" x 8" x 4" Chlorinated Polyvinyl Chloride (CPVC) DWV Reducing Wyes	509.64	79.35
		For Work In Restricted Working Space, Add	*35.76*	
22 66 53 00-0734	EA	8" x 8" x 6" Chlorinated Polyvinyl Chloride (CPVC) DWV Reducing Wyes	561.68	84.65
		For Work In Restricted Working Space, Add	*38.15*	
22 66 53 00-0735		**Chlorinated Polyvinyl Chloride (CPVC) DWV Double Wyes** *(22 66 53 00-0635)*		
22 66 53 00-0736	EA	1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Wyes	157.66	35.28
		For Work In Restricted Working Space, Add	*15.89*	
22 66 53 00-0737	EA	2" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Wyes	178.48	45.13
		For Work In Restricted Working Space, Add	*20.34*	
22 66 53 00-0738	EA	3" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Wyes	291.18	60.71
		For Work In Restricted Working Space, Add	*27.34*	
22 66 53 00-0739	EA	4" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Wyes	562.33	70.56
		For Work In Restricted Working Space, Add	*31.79*	
22 66 53 00-0740	EA	6" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Wyes	931.38	91.76
		For Work In Restricted Working Space, Add	*41.32*	
22 66 53 00-0741		**Chlorinated Polyvinyl Chloride (CPVC) DWV Reducing Double Wyes** *(22 66 53 00-0635)*		
22 66 53 00-0742	EA	2" x 2" x 1-1/2" x 1-1/2 Chlorinated Polyvinyl Chloride (CPVC) DWV Double Wyes	226.45	40.27
		For Work In Restricted Working Space, Add	*18.12*	
22 66 53 00-0743	EA	3" x 3" x 2" x 2" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Wyes	283.80	52.98
		For Work In Restricted Working Space, Add	*23.84*	
22 66 53 00-0744	EA	4" x 4" x 3" x 3" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Wyes	502.82	65.58
		For Work In Restricted Working Space, Add	*29.56*	
22 66 53 00-0745	EA	6" x 6" x 4" x 4" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Wyes	753.60	81.16
		For Work In Restricted Working Space, Add	*36.56*	
22 66 53 00-0746		**Chlorinated Polyvinyl Chloride (CPVC) DWV Combination Wye And 1/8 Bends** *(22 66 53 00-0635)*		
22 66 53 00-0747	EA	1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Combination Wye And 1/8 Bends	112.57	26.49
		For Work In Restricted Working Space, Add	*11.92*	
22 66 53 00-0748	EA	2" Chlorinated Polyvinyl Chloride (CPVC) DWV Combination Wye And 1/8 Bends	148.04	33.91
		For Work In Restricted Working Space, Add	*15.26*	
22 66 53 00-0749	EA	3" Chlorinated Polyvinyl Chloride (CPVC) DWV Combination Wye And 1/8 Bends	223.50	45.56
		For Work In Restricted Working Space, Add	*20.50*	
22 66 53 00-0750	EA	4" Chlorinated Polyvinyl Chloride (CPVC) DWV Combination Wye And 1/8 Bends	299.85	52.98
		For Work In Restricted Working Space, Add	*23.84*	
22 66 53 00-0751	EA	6" Chlorinated Polyvinyl Chloride (CPVC) DWV Combination Wye And 1/8 Bends	698.96	68.77
		For Work In Restricted Working Space, Add	*30.99*	
22 66 53 00-0752	EA	8" Chlorinated Polyvinyl Chloride (CPVC) DWV Combination Wye And 1/8 Bends	1,235.06	92.60
		For Work In Restricted Working Space, Add	*41.72*	
22 66 53 00-0753		**Chlorinated Polyvinyl Chloride (CPVC) DWV Reducing Combination Wye And 1/8 Bends** *(22 66 53 00-0635)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0754	EA	2" x 1-1/2" x 1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Combination Wye And 1/8 Bends	104.03	28.92
		For Work In Restricted Working Space, Add	*13.03*	
22 66 53 00-0755	EA	2" x 2" x 1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Combination Wye And 1/8 Bends	134.66	31.36
		For Work In Restricted Working Space, Add	*14.15*	
22 66 53 00-0756	EA	3" x 3" x 1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Combination Wye And 1/8 Bends	187.87	39.20
		For Work In Restricted Working Space, Add	*17.64*	
22 66 53 00-0757	EA	3" x 3" x 2" Chlorinated Polyvinyl Chloride (CPVC) DWV Combination Wye And 1/8 Bends	202.32	41.64
		For Work In Restricted Working Space, Add	*18.75*	
22 66 53 00-0758	EA	4" x 4" x 2" Chlorinated Polyvinyl Chloride (CPVC) DWV Combination Wye And 1/8 Bends	263.53	46.62
		For Work In Restricted Working Space, Add	*20.98*	
22 66 53 00-0759	EA	4" x 4" x 3" Chlorinated Polyvinyl Chloride (CPVC) DWV Combination Wye And 1/8 Bends	278.88	50.43
		For Work In Restricted Working Space, Add	*22.73*	
22 66 53 00-0760	EA	6" x 6" x 3" Chlorinated Polyvinyl Chloride (CPVC) DWV Combination Wye And 1/8 Bends	542.52	61.03
		For Work In Restricted Working Space, Add	*27.50*	
22 66 53 00-0761	EA	6" x 6" x 4" Chlorinated Polyvinyl Chloride (CPVC) DWV Combination Wye And 1/8 Bends	563.59	63.47
		For Work In Restricted Working Space, Add	*28.61*	

22 66 53 00-0762 Chlorinated Polyvinyl Chloride (CPVC) DWV Double Combination Wye And 1/8 Bends *(22 66 53 00-0635)*

22 66 53 00-0763	EA	1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Combination Wye And 1/8 Bends	171.25	35.28
		For Work In Restricted Working Space, Add	*15.89*	
22 66 53 00-0764	EA	2" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Combination Wye And 1/8 Bends	259.95	45.13
		For Work In Restricted Working Space, Add	*20.34*	
22 66 53 00-0765	EA	3" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Combination Wye And 1/8 Bends	421.35	60.71
		For Work In Restricted Working Space, Add	*27.34*	
22 66 53 00-0766	EA	4" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Combination Wye And 1/8 Bends	731.72	70.56
		For Work In Restricted Working Space, Add	*31.79*	
22 66 53 00-0767	EA	6" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Combination Wye And 1/8 Bends	1,009.69	91.76
		For Work In Restricted Working Space, Add	*41.32*	

22 66 53 00-0768 Chlorinated Polyvinyl Chloride (CPVC) DWV Reducing Double Combination Wye And 1/8 Bends *(22 66 53 00-0635)*

22 66 53 00-0769	EA	2" x 2" x 1-1/2" x 1-1/2 Chlorinated Polyvinyl Chloride (CPVC) DWV Double Combination Wye And 1/8 Bends	226.47	40.27
		For Work In Restricted Working Space, Add	*18.12*	
22 66 53 00-0770	EA	3" x 3" x 2" x 2" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Combination Wye And 1/8 Bends	356.31	52.98
		For Work In Restricted Working Space, Add	*23.84*	
22 66 53 00-0771	EA	4" x 4" x 2" x 2" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Combination Wye And 1/8 Bends	433.56	57.85
		For Work In Restricted Working Space, Add	*26.06*	
22 66 53 00-0772	EA	4" x 4" x 3" x 3" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Combination Wye And 1/8 Bends	445.22	65.58
		For Work In Restricted Working Space, Add	*29.56*	
22 66 53 00-0773	EA	6" x 6" x 3" x 3" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Combination Wye And 1/8 Bends	567.22	76.18
		For Work In Restricted Working Space, Add	*34.33*	
22 66 53 00-0774	EA	6" x 6" x 4" x 4" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Combination Wye And 1/8 Bends	638.56	81.16
		For Work In Restricted Working Space, Add	*36.56*	

22 66 53 00-0775 Chlorinated Polyvinyl Chloride (CPVC) DWV Cleanout Tees With Plug *(22 66 53 00-0635)*

22 66 53 00-0776	EA	1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Cleanout Tees	104.91	26.49
		For Work In Restricted Working Space, Add	*11.92*	
22 66 53 00-0777	EA	2" Chlorinated Polyvinyl Chloride (CPVC) DWV Cleanout Tees	122.85	33.91
		For Work In Restricted Working Space, Add	*15.26*	
22 66 53 00-0778	EA	3" Chlorinated Polyvinyl Chloride (CPVC) DWV Cleanout Tees	219.31	45.56
		For Work In Restricted Working Space, Add	*20.50*	
22 66 53 00-0779	EA	4" Chlorinated Polyvinyl Chloride (CPVC) DWV Cleanout Tees	285.07	52.98
		For Work In Restricted Working Space, Add	*23.84*	
22 66 53 00-0780	EA	6" Chlorinated Polyvinyl Chloride (CPVC) DWV Cleanout Tees	658.56	68.77
		For Work In Restricted Working Space, Add	*30.99*	
22 66 53 00-0781	EA	1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Cleanout Plug	23.10	8.79
		For Work In Restricted Working Space, Add	*3.98*	
22 66 53 00-0782	EA	2" Chlorinated Polyvinyl Chloride (CPVC) DWV Cleanout Plug	27.73	11.23
		For Work In Restricted Working Space, Add	*5.09*	
22 66 53 00-0783	EA	3" Chlorinated Polyvinyl Chloride (CPVC) DWV Cleanout Plug	41.61	15.15
		For Work In Restricted Working Space, Add	*6.83*	
22 66 53 00-0784	EA	4" Chlorinated Polyvinyl Chloride (CPVC) DWV Cleanout Plug	47.60	17.59
		For Work In Restricted Working Space, Add	*7.95*	
22 66 53 00-0785	EA	6" Chlorinated Polyvinyl Chloride (CPVC) DWV Cleanout Plug	83.68	22.89
		For Work In Restricted Working Space, Add	*10.33*	

22 66 53 00-0786 Chlorinated Polyvinyl Chloride (CPVC) DWV Cleanout Adapters With Plug *(22 66 53 00-0635)*

22 66 53 00-0787	EA	1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Cleanout Adapters With Plug	54.99	17.69
		For Work In Restricted Working Space, Add	*7.95*	
22 66 53 00-0788	EA	2" Chlorinated Polyvinyl Chloride (CPVC) DWV Cleanout Adapters With Plug	67.51	22.57
		For Work In Restricted Working Space, Add	*10.17*	
22 66 53 00-0789	EA	3" Chlorinated Polyvinyl Chloride (CPVC) DWV Cleanout Adapters With Plug	107.56	30.30
		For Work In Restricted Working Space, Add	*13.67*	
22 66 53 00-0790	EA	4" Chlorinated Polyvinyl Chloride (CPVC) DWV Cleanout Adapters With Plug	159.63	35.28
		For Work In Restricted Working Space, Add	*15.89*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0791	EA	6" Chlorinated Polyvinyl Chloride (CPVC) DWV Cleanout Adapters With Plug	253.36	45.88
		For Work In Restricted Working Space, Add	*20.66*	
22 66 53 00-0792	EA	8" Chlorinated Polyvinyl Chloride (CPVC) DWV Cleanout Adapters With Plug	459.96	61.78
		For Work In Restricted Working Space, Add	*27.84*	

22 66 53 00-0793 Chlorinated Polyvinyl Chloride (CPVC) Couplings *(22 66 53 00-0635)*

22 66 53 00-0794	EA	1-1/2" Chlorinated Polyvinyl Chloride (CPVC) Couplings	60.91	17.69
		For Work In Restricted Working Space, Add	*7.95*	
22 66 53 00-0795	EA	2" Chlorinated Polyvinyl Chloride (CPVC) Couplings	76.87	22.57
		For Work In Restricted Working Space, Add	*10.17*	
22 66 53 00-0796	EA	3" Chlorinated Polyvinyl Chloride (CPVC) Couplings	100.53	30.30
		For Work In Restricted Working Space, Add	*13.67*	
22 66 53 00-0797	EA	4" Chlorinated Polyvinyl Chloride (CPVC) Couplings	131.19	35.28
		For Work In Restricted Working Space, Add	*15.89*	
22 66 53 00-0798	EA	6" Chlorinated Polyvinyl Chloride (CPVC) Couplings	192.84	45.88
		For Work In Restricted Working Space, Add	*20.66*	
22 66 53 00-0799	EA	8" Chlorinated Polyvinyl Chloride (CPVC) Couplings	427.13	61.78
		For Work In Restricted Working Space, Add	*27.84*	

22 66 53 00-0800 Chlorinated Polyvinyl Chloride (CPVC) Female Adapters *(22 66 53 00-0635)*

22 66 53 00-0801	EA	1-1/2" Chlorinated Polyvinyl Chloride (CPVC) Female Adapters	40.33	8.79
22 66 53 00-0802	EA	2" Chlorinated Polyvinyl Chloride (CPVC) Female Adapters	53.83	11.33
22 66 53 00-0803	EA	3" Chlorinated Polyvinyl Chloride (CPVC) Female Adapters	83.64	15.15
22 66 53 00-0804	EA	4" Chlorinated Polyvinyl Chloride (CPVC) Female Adapters	143.48	17.69
22 66 53 00-0805	EA	6" Chlorinated Polyvinyl Chloride (CPVC) Female Adapters	230.41	22.89

22 66 53 00-0806 Chlorinated Polyvinyl Chloride (CPVC) Male Adapters *(22 66 53 00-0635)*

22 66 53 00-0807	EA	1-1/2" Chlorinated Polyvinyl Chloride (CPVC) Male Adapters	45.67	8.79
22 66 53 00-0808	EA	2" Chlorinated Polyvinyl Chloride (CPVC) Male Adapters	65.61	11.33
22 66 53 00-0809	EA	3" Chlorinated Polyvinyl Chloride (CPVC) Male Adapters	76.06	15.15
22 66 53 00-0810	EA	4" Chlorinated Polyvinyl Chloride (CPVC) Male Adapters	137.58	17.69
22 66 53 00-0811	EA	6" Chlorinated Polyvinyl Chloride (CPVC) Male Adapters	184.38	22.89

22 66 53 00-0812 Chlorinated Polyvinyl Chloride (CPVC) Caps *(22 66 53 00-0635)*

22 66 53 00-0813	EA	1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Cap	40.01	8.79
22 66 53 00-0814	EA	2" Chlorinated Polyvinyl Chloride (CPVC) DWV Cap	48.98	11.33
22 66 53 00-0815	EA	3" Chlorinated Polyvinyl Chloride (CPVC) DWV Cap	78.13	15.15
22 66 53 00-0816	EA	4" Chlorinated Polyvinyl Chloride (CPVC) DWV Cap	139.32	17.69
22 66 53 00-0817	EA	6" Chlorinated Polyvinyl Chloride (CPVC) DWV Cap	177.42	22.89
22 66 53 00-0818	EA	8" Chlorinated Polyvinyl Chloride (CPVC) DWV Cap	282.20	30.94

22 66 83 Chemical-Waste Tanks *(22 66)*

22 66 83 16 Chemical-Waste Neutralization Tanks *(22 66 83)*

22 66 83 16-0001 Acid Neutralization Tank *(22 66 83 16)*

22 66 83 16-0002 Polyethylene Acid Neutralization Tank *(22 66 83 16-0001)*

22 66 83 16-0003	EA	5 Gallon Capacity Polyethylene Acid Neutralization Tank	559.94	215.74
22 66 83 16-0004	EA	15 Gallon Capacity Polyethylene Acid Neutralization Tank	1,026.68	299.15
22 66 83 16-0005	EA	30 Gallon Capacity Polyethylene Acid Neutralization Tank	1,269.63	431.47
22 66 83 16-0006	EA	55 Gallon Capacity Polyethylene Acid Neutralization Tank	1,627.37	575.29
22 66 83 16-0007	EA	100 Gallon Capacity Polyethylene Acid Neutralization Tank	2,095.83	690.34
22 66 83 16-0008	EA	150 Gallon Capacity Polyethylene Acid Neutralization Tank	2,877.33	862.93
22 66 83 16-0009	EA	200 Gallon Capacity Polyethylene Acid Neutralization Tank	3,310.20	1,078.67
22 66 83 16-0010	EA	275 Gallon Capacity Polyethylene Acid Neutralization Tank	4,312.57	1,294.40
22 66 83 16-0011	EA	350 Gallon Capacity Polyethylene Acid Neutralization Tank	4,884.66	1,553.28

22 66 83 16-0012 Polypropylene Acid Neutralization Tank *(22 66 83 16-0001)*

22 66 83 16-0013	EA	5 Gallon Capacity Polypropylene Acid Neutralization Tank	941.13	215.74
22 66 83 16-0014	EA	15 Gallon Capacity Polypropylene Acid Neutralization Tank	1,630.25	299.15
22 66 83 16-0015	EA	30 Gallon Capacity Polypropylene Acid Neutralization Tank	2,633.76	431.47
22 66 83 16-0016	EA	55 Gallon Capacity Polypropylene Acid Neutralization Tank	3,470.39	575.29
22 66 83 16-0017	EA	100 Gallon Capacity Polypropylene Acid Neutralization Tank	4,396.25	690.34
22 66 83 16-0018	EA	150 Gallon Capacity Polypropylene Acid Neutralization Tank	4,933.08	862.93
22 66 83 16-0019	EA	200 Gallon Capacity Polypropylene Acid Neutralization Tank	5,356.88	1,078.67
22 66 83 16-0020	EA	275 Gallon Capacity Polypropylene Acid Neutralization Tank	7,886.34	1,294.40
22 66 83 16-0021	EA	350 Gallon Capacity Polypropylene Acid Neutralization Tank	8,506.06	1,553.28

22 66 83 16-0022 Chemical Dilution Trap *(22 66 83 16)*

22 66 83 16-0023	EA	1 Gallon Capacity Polyethylene Under Bench Chemical Dilution Trap Note: 1-1/2" top inlet and side outlet with anti siphon.	516.50	71.92
22 66 83 16-0024	EA	1-1/2 Gallon Capacity Polyethylene Under Bench Chemical Dilution Trap Note: 1-1/2" top inlet and side outlet with anti siphon.	533.47	71.92

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 83 16-0025	EA	2 Gallon Capacity Polyethylene Under Bench Chemical Dilution Trap Note: 1-1/2" top inlet and side outlet with anti siphon.	550.43	71.92
22 66 83 16-0026	EA	5 Gallon Capacity Polyethylene Under Bench Chemical Dilution Trap Note: 1-1/2" top inlet and side outlet with anti siphon.	601.65	86.29

END OF SECTION 22

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

23 Heating, Ventilating, and Air-Conditioning (HVAC)

Note: Where required, mechanical equipment excludes electrical connection unless title states otherwise.

23 01 Operation and Maintenance of HVAC Systems *(23)*

23 01 10 Operation and Maintenance of Facility Fuel Systems *(23 01)*

23 01 10 91 Facility Fuel Systems Restoration *(23 01 10)*

23 01 10 91-0001 Purge Gas Systems *(23 01 10 91)*

Note: Includes collection and refilling/bleeding of system. For natural gas, flammable gases and other gases that should not be released inside the building. See CSI section 23 01 60 71-0001 for refrigerant.

23 01 10 91-0002	EA	Up To 100', Up To 1-1/2" Diameter Pipe, Purge Gas Systems	532.23
23 01 10 91-0003	EA	>100' To 250', Up To 1-1/2" Diameter Pipe, Purge Gas Systems	760.34
23 01 10 91-0004	EA	>250' To 500', Up To 1-1/2" Diameter Pipe, Purge Gas Systems	798.78
23 01 10 91-0005	EA	>500' To 1,000', Up To 1-1/2" Diameter Pipe, Purge Gas Systems	881.50
23 01 10 91-0006	EA	>1,000' To 2,000', Up To 1-1/2" Diameter Pipe, Purge Gas Systems	1,596.74
23 01 10 91-0007	EA	Up To 100', >1-/2" To 4" Diameter Pipe, Purge Gas Systems	716.13
23 01 10 91-0008	EA	>100' To 250', >1-/2" To 4" Diameter Pipe, Purge Gas Systems	1,029.84
23 01 10 91-0009	EA	>250' To 500', >1-/2" To 4" Diameter Pipe, Purge Gas Systems	1,092.13
23 01 10 91-0010	EA	>500' To 1,000', >1-/2" To 4" Diameter Pipe, Purge Gas Systems	1,437.55
23 01 10 91-0011	EA	>1,000' To 2,000', >1-/2" To 4" Diameter Pipe, Purge Gas Systems	2,228.87
23 01 10 91-0012	EA	Up To 100', >4" To 10" Diameter Pipe, Purge Gas Systems	852.52
23 01 10 91-0013	EA	>100' To 250', >4" To 10" Diameter Pipe, Purge Gas Systems	1,259.85
23 01 10 91-0014	EA	>250' To 500', >4" To 10" Diameter Pipe, Purge Gas Systems	2,899.53
23 01 10 91-0015	EA	>500' To 1,000', >4" To 10" Diameter Pipe, Purge Gas Systems	4,539.78
23 01 10 91-0016	EA	>1,000' To 2,000', >4" To 10" Diameter Pipe, Purge Gas Systems	8,537.51

23 01 20 Operation and Maintenance of HVAC Piping and Pumps *(23 01)*

23 01 20 91 HVAC Piping and Pumps Restoration *(23 01 20)*

23 01 20 91-0001 Lock Out/Tag Out System *(23 01 20 91)*

23 01 20 91-0002	EA	Up To 1", Lock Out/Tag Out Valve Note: Excludes tag or padlock See CSI section 23 01 20 91-0007 for padlock, 23 01 20 91-0008 for tag(s).	28.76
23 01 20 91-0003	EA	>1" To 3", Lock Out/Tag Out Valve Note: Excludes tag or padlock See CSI section 23 01 20 91-0007 for padlock, 23 01 20 91-0008 for tag(s).	34.52
23 01 20 91-0004	EA	>3" To 6", Lock Out/Tag Out Valve Note: Excludes tag or padlock See CSI section 23 01 20 91-0007 for padlock, 23 01 20 91-0008 for tag(s).	40.28
23 01 20 91-0005	EA	>6" To 10", Lock Out/Tag Out Valve Note: Excludes tag or padlock See CSI section 23 01 20 91-0007 for padlock, 23 01 20 91-0008 for tag(s).	46.02
23 01 20 91-0006	EA	>10" To 14", Lock Out/Tag Out Valve Note: Excludes tag or padlock See CSI section 23 01 20 91-0007 for padlock, 23 01 20 91-0008 for tag(s).	57.53
23 01 20 91-0007	EA	Lock Out Padlock	11.51
23 01 20 91-0008	EA	Lock Out Tags	4.94

23 01 20 91-0009 Freeze Pipe Using CO2 Kit *(23 01 20 91)*

Note: For use on chilled water or cold water piping systems. Excludes cutting existing pipe, and installation of valve or fittings.

23 01 20 91-0010	EA	Up To 2" Freeze Pipe Using CO2 Kit	354.38

23 01 20 91-0011 Pipe Freezing *(23 01 20 91)*

Note: For use on any water piping systems. Excludes excavation, cutting existing pipe, and installation of valve or fittings.

23 01 20 91-0012	EA	Up To 1" Pipe Freezing, First Location Note: Includes freezing on each side of valve or fitting.	657.39
23 01 20 91-0013	EA	Up To 1" Pipe Freezing, Each Additional Location After First Note: Includes freezing on each side of valve or fitting.	331.22
23 01 20 91-0014	EA	>1" To 1-1/2" Pipe Freezing, First Location Note: Includes freezing on each side of valve or fitting.	796.48
23 01 20 91-0015	EA	>1" To 1-1/2" Pipe Freezing, Each Additional Location After First Note: Includes freezing on each side of valve or fitting.	381.59
23 01 20 91-0016	EA	>1-1/2" To 2" Pipe Freezing, First Location Note: Includes freezing on each side of valve or fitting.	1,104.73
23 01 20 91-0017	EA	>1-1/2" To 2" Pipe Freezing, Each Additional Location After First Note: Includes freezing on each side of valve or fitting.	432.11
23 01 20 91-0018	EA	>2" To 3" Pipe Freezing, First Location Note: Includes freezing on each side of valve or fitting.	1,260.73
23 01 20 91-0019	EA	>2" To 3" Pipe Freezing, Each Additional Location After First Note: Includes freezing on each side of valve or fitting.	511.21
23 01 20 91-0020	EA	>3" To 4" Pipe Freezing, First Location Note: Includes freezing on each side of valve or fitting.	1,860.25
23 01 20 91-0021	EA	>3" To 4" Pipe Freezing, Each Additional Location After First Note: Includes freezing on each side of valve or fitting.	589.37
23 01 20 91-0022	EA	>4" To 6" Pipe Freezing, First Location Note: Includes freezing on each side of valve or fitting.	3,883.59
23 01 20 91-0023	EA	>4" To 6" Pipe Freezing, Each Additional Location After First Note: Includes freezing on each side of valve or fitting.	785.82

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 01 20 91-0024	EA	>6" To 8" Pipe Freezing, First Location Note: Includes freezing on each side of valve or fitting.	5,166.34	
23 01 20 91-0025	EA	>6" To 8" Pipe Freezing, Each Additional Location After First Note: Includes freezing on each side of valve or fitting.	1,165.26	
23 01 20 91-0026	EA	>8" To 10" Pipe Freezing, First Location Note: Includes freezing on each side of valve or fitting.	7,138.69	
23 01 20 91-0027	EA	>8" To 10" Pipe Freezing, Each Additional Location After First Note: Includes freezing on each side of valve or fitting.	1,599.71	
23 01 20 91-0028	EA	>10" To 12" Pipe Freezing, First Location Note: Includes freezing on each side of valve or fitting.	9,199.45	
23 01 20 91-0029	EA	>10" To 12" Pipe Freezing, Each Additional Location After First Note: Includes freezing on each side of valve or fitting.	2,088.77	

23 01 20 91-0030 Water/Chlorine Pipe Disinfection/Flush/Testing *(23 01 20 91)*

Note: For existing piping when required. Water/chlorine solution per specification entitled "Water Distribution".

23 01 20 91-0031	LF	Up To 1", Water/Chlorine Pipe Disinfection/Flush/Testing	1.95	
		For >250 To 500, Deduct	*-0.14*	
		For >500 To 2000, Deduct	*-0.36*	
		For >2000, Deduct	*-0.52*	
23 01 20 91-0032	LF	>1" To 2", Water/Chlorine Pipe Disinfection/Flush/Testing	2.69	
		For >250 To 500, Deduct	*-0.19*	
		For >500 To 2000, Deduct	*-0.48*	
		For >2000, Deduct	*-0.70*	
23 01 20 91-0033	LF	>2" To 3", Water/Chlorine Pipe Disinfection/Flush/Testing	4.17	
		For >250 To 500, Deduct	*-0.29*	
		For >500 To 2000, Deduct	*-0.72*	
		For >2000, Deduct	*-1.04*	
23 01 20 91-0034	LF	4", Water/Chlorine Pipe Disinfection/Flush/Testing	5.81	
		For >250 To 500, Deduct	*-0.38*	
		For >500 To 2000, Deduct	*-0.96*	
		For >2000, Deduct	*-1.39*	
23 01 20 91-0035	LF	6", Water/Chlorine Pipe Disinfection/Flush/Testing	7.21	
		For >250 To 500, Deduct	*-0.46*	
		For >500 To 2000, Deduct	*-1.15*	
		For >2000, Deduct	*-1.67*	
23 01 20 91-0036	LF	8", Water/Chlorine Pipe Disinfection/Flush/Testing	9.15	
		For >250 To 500, Deduct	*-0.58*	
		For >500 To 2000, Deduct	*-1.44*	
		For >2000, Deduct	*-2.09*	
23 01 20 91-0037	LF	10", Water/Chlorine Pipe Disinfection/Flush/Testing	12.01	
		For >250 To 500, Deduct	*-0.77*	
		For >500 To 2000, Deduct	*-1.92*	
		For >2000, Deduct	*-2.78*	
23 01 20 91-0038	LF	12", Water/Chlorine Pipe Disinfection/Flush/Testing	14.42	
		For >250 To 500, Deduct	*-0.92*	
		For >500 To 2000, Deduct	*-2.30*	
		For >2000, Deduct	*-3.34*	

23 01 20 91-0039 Shut Down Existing Piping System *(23 01 20 91)*

23 01 20 91-0040	EA	Shut Down Existing Interior Piping System Note: Includes lock out/tag out and average line tracing. Use when valves are greater than 25' from work. When the shut-off valves for multiple lines are located with a 10' radius, the quantity used shall be one.	241.91	

23 01 20 91-0041 Purge Liquid Systems *(23 01 20 91)*

Note: Includes collection of liquid, refilling with liquid and bleeding of air from system.

23 01 20 91-0042	EA	Up To 50', Up To 3/4" Diameter Pipe, Purge Liquid System	182.09	
23 01 20 91-0043	EA	>50' To 100', Up To 3/4" Diameter Pipe, Purge Liquid System	227.61	
23 01 20 91-0044	EA	>100 To 250', Up To 3/4" Diameter Pipe, Purge Liquid System	324.87	
23 01 20 91-0045	EA	>250 To 500', Up To 3/4" Diameter Pipe, Purge Liquid System	389.29	
23 01 20 91-0046	EA	>500 To 1,000', Up To 3/4" Diameter Pipe, Purge Liquid System	486.62	
23 01 20 91-0047	EA	>1,000 To 2,000', Up To 3/4" Diameter Pipe, Purge Liquid System	632.60	
23 01 20 91-0048	LF	>2,000', Up To 3/4" Diameter Pipe, Purge Liquid System	0.31	
23 01 20 91-0049	EA	Up To 100', >3/4" To 1-1/2" Diameter Pipe, Purge Liquid System	379.19	
23 01 20 91-0050	EA	>100 To 250', >3/4" To 1-1/2" Diameter Pipe, Purge Liquid System	541.56	
23 01 20 91-0051	EA	>250 To 500', >3/4" To 1-1/2" Diameter Pipe, Purge Liquid System	648.89	
23 01 20 91-0052	EA	>500 To 1,000', >3/4" To 1-1/2" Diameter Pipe, Purge Liquid System	811.12	
23 01 20 91-0053	EA	>1,000 To 2,000', >3/4" To 1-1/2" Diameter Pipe, Purge Liquid System	1,054.45	
23 01 20 91-0054	LF	>2,000', >3/4" To 1-1/2" Diameter Pipe, Purge Liquid System	0.52	
23 01 20 91-0055	EA	Up To 100', >1-1/2" To 3" Diameter Pipe, Purge Liquid System	530.87	
23 01 20 91-0056	EA	>100 To 250', >1-1/2" To 3" Diameter Pipe, Purge Liquid System	758.19	
23 01 20 91-0057	EA	>250 To 500', >1-1/2" To 3" Diameter Pipe, Purge Liquid System	908.45	
23 01 20 91-0058	EA	>500 To 1,000', >1-1/2" To 3" Diameter Pipe, Purge Liquid System	1,135.56	
23 01 20 91-0059	EA	>1,000 To 2,000', >1-1/2" To 3" Diameter Pipe, Purge Liquid System	1,476.23	
23 01 20 91-0060	LF	>2,000', >1-1/2" To 3" Diameter Pipe, Purge Liquid System	0.74	
23 01 20 91-0061	EA	Up To 100', >3" To 6" Diameter Pipe, Purge Liquid System	729.94	
23 01 20 91-0062	EA	>100 To 250', >3" To 6" Diameter Pipe, Purge Liquid System	1,042.51	
23 01 20 91-0063	EA	>250 To 500', >3" To 6" Diameter Pipe, Purge Liquid System	1,106.76	
23 01 20 91-0064	EA	>500 To 1,000', >3" To 6" Diameter Pipe, Purge Liquid System	1,383.45	
23 01 20 91-0065	EA	>1,000 To 2,000', >3" To 6" Diameter Pipe, Purge Liquid System	1,798.49	
23 01 20 91-0066	LF	>2,000', >3" To 6" Diameter Pipe, Purge Liquid System	0.90	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 01 20 91-0067	EA	Up To 100', >6" To 10" Diameter Pipe, Purge Liquid System	985.42	
23 01 20 91-0068	EA	>100 To 250', >6" To 10" Diameter Pipe, Purge Liquid System	1,407.38	
23 01 20 91-0069	EA	>250 To 500', >6" To 10" Diameter Pipe, Purge Liquid System	1,494.13	
23 01 20 91-0070	EA	>500 To 1,000', >6" To 10" Diameter Pipe, Purge Liquid System	1,867.65	
23 01 20 91-0071	EA	>1,000 To 2,000', >6" To 10" Diameter Pipe, Purge Liquid System	2,427.95	
23 01 20 91-0072	LF	>2,000', >6" To 10" Diameter Pipe, Purge Liquid System	1.21	
23 01 20 91-0073		Special Cleaning Of Piping Systems *(23 01 20 91)*		
23 01 20 91-0074		Trisodium Phosphate-Caustic Pipe Disinfection/Flush/Testing *(23 01 20 91-0073)*		
23 01 20 91-0075	LF	Up To 1", Trisodium Phosphate-Caustic Pipe Disinfection/Flush/Testing	2.50	
		For >250 To 500, Deduct	*-0.16*	
		For >500 To 2000, Deduct	*-0.41*	
		For >2000, Deduct	*-0.59*	
23 01 20 91-0076	LF	>1" To 2", Trisodium Phosphate-Caustic Pipe Disinfection/Flush/Testing	4.21	
		For >250 To 500, Deduct	*-0.26*	
		For >500 To 2000, Deduct	*-0.66*	
		For >2000, Deduct	*-0.96*	
23 01 20 91-0077	LF	>2" To 3", Trisodium Phosphate-Caustic Pipe Disinfection/Flush/Testing	5.92	
		For >250 To 500, Deduct	*-0.36*	
		For >500 To 2000, Deduct	*-0.91*	
		For >2000, Deduct	*-1.32*	
23 01 20 91-0078	LF	>3" To 4", Trisodium Phosphate-Caustic Pipe Disinfection/Flush/Testing	7.68	
		For >250 To 500, Deduct	*-0.47*	
		For >500 To 2000, Deduct	*-1.17*	
		For >2000, Deduct	*-1.70*	
23 01 20 91-0079	LF	>4" To 6", Trisodium Phosphate-Caustic Pipe Disinfection/Flush/Testing	10.64	
		For >250 To 500, Deduct	*-0.66*	
		For >500 To 2000, Deduct	*-1.64*	
		For >2000, Deduct	*-2.38*	
23 01 20 91-0080		Acrysol Qr-1086 and Dequest 2010 Pipe Disinfection/Flush/Testing *(23 01 20 91-0073)*		
23 01 20 91-0081	LF	Up To 1", Acrysol Qr-1086 and Dequest 2010 Pipe Disinfection/Flush/Testing	2.74	
		For >250 To 500, Deduct	*-0.16*	
		For >500 To 2000, Deduct	*-0.41*	
		For >2000, Deduct	*-0.59*	
23 01 20 91-0082	LF	>1" To 2", Acrysol Qr-1086 and Dequest 2010 Pipe Disinfection/Flush/Testing	4.51	
		For >250 To 500, Deduct	*-0.26*	
		For >500 To 2000, Deduct	*-0.66*	
		For >2000, Deduct	*-0.96*	
23 01 20 91-0083	LF	>2" To 3", Acrysol Qr-1086 and Dequest 2010 Pipe Disinfection/Flush/Testing	6.34	
		For >250 To 500, Deduct	*-0.36*	
		For >500 To 2000, Deduct	*-0.91*	
		For >2000, Deduct	*-1.32*	
23 01 20 91-0084	LF	>3" To 4", Acrysol Qr-1086 and Dequest 2010 Pipe Disinfection/Flush/Testing	8.32	
		For >250 To 500, Deduct	*-0.47*	
		For >500 To 2000, Deduct	*-1.17*	
		For >2000, Deduct	*-1.70*	
23 01 20 91-0085	LF	>4" To 6", Acrysol Qr-1086 and Dequest 2010 Pipe Disinfection/Flush/Testing	11.48	
		For >250 To 500, Deduct	*-0.66*	
		For >500 To 2000, Deduct	*-1.64*	
		For >2000, Deduct	*-2.38*	
23 01 20 91-0086		Drewsperse 4945/4395 Pipe Disinfection/Flush/Testing *(23 01 20 91-0073)*		
23 01 20 91-0087	LF	Up To 1", Drewsperse 4945/4395 Pipe Disinfection/Flush/Testing	2.81	
		For >250 To 500, Deduct	*-0.16*	
		For >500 To 2000, Deduct	*-0.41*	
		For >2000, Deduct	*-0.59*	
23 01 20 91-0088	LF	>1" To 2", Drewsperse 4945/4395 Pipe Disinfection/Flush/Testing	4.63	
		For >250 To 500, Deduct	*-0.26*	
		For >500 To 2000, Deduct	*-0.66*	
		For >2000, Deduct	*-0.96*	
23 01 20 91-0089	LF	>2" To 3", Drewsperse 4945/4395 Pipe Disinfection/Flush/Testing	6.52	
		For >250 To 500, Deduct	*-0.36*	
		For >500 To 2000, Deduct	*-0.91*	
		For >2000, Deduct	*-1.32*	
23 01 20 91-0090	LF	>3" To 4", Drewsperse 4945/4395 Pipe Disinfection/Flush/Testing	8.56	
		For >250 To 500, Deduct	*-0.47*	
		For >500 To 2000, Deduct	*-1.17*	
		For >2000, Deduct	*-1.70*	
23 01 20 91-0091	LF	>4" To 6", Drewsperse 4945/4395 Pipe Disinfection/Flush/Testing	11.81	
		For >250 To 500, Deduct	*-0.66*	
		For >500 To 2000, Deduct	*-1.64*	
		For >2000, Deduct	*-2.38*	
23 01 20 91-0092		Add-A-Valve Emergency Shut Off Device *(23 01 20 91)*		
23 01 20 91-0093	EA	1/2" Add-A-Valve Emergency Shut Off Device (Jomar 800-103ADD)	390.25	
23 01 20 91-0094	EA	3/4" Add-A-Valve Emergency Shut Off Device (Jomar 800-104ADD)	491.73	
23 01 20 91-0095	EA	1" Add-A-Valve Emergency Shut Off Device (Jomar 800-105ADD)	683.03	
23 01 20 91-0096	EA	1-1/4" Add-A-Valve Emergency Shut Off Device (Jomar 800-106ADD)	1,048.42	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 01 20 91-0097	EA	1-1/2" Add-A-Valve Emergency Shut Off Device (Jomar 800-107ADD)	1,295.55	
23 01 20 91-0098	EA	2" Add-A-Valve Emergency Shut Off Device (Jomar 800-108ADD)	1,960.98	

23 01 30 Operation and Maintenance of HVAC Air Distribution *(23 01)*

23 01 30 51 HVAC Air-Distribution System Cleaning *(23 01 30)*

23 01 30 51-0001 Cleaning Of Ductwork And HVAC Equipment *(23 01 30 51)*

23 01 30 51-0002	LF	Up To 2 SF Cross Section, Clean Supply/Return Ductwork Note: Includes sealing registers, grilles, diffusers as required. Excludes cleaning of registers, grilles, diffusers, or other devices.	3.61
		For Exhaust Ductwork, Add	*0.90*
23 01 30 51-0003	LF	>2 SF To 4 SF Cross Section, Clean Supply/Return Ductwork Note: Includes sealing registers, grilles, diffusers as required. Excludes cleaning of registers, grilles, diffusers, or other devices.	4.53
		For Exhaust Ductwork, Add	*1.13*
23 01 30 51-0004	LF	>4 SF To 8 SF Cross Section, Clean Supply/Return Ductwork Note: Includes sealing registers, grilles, diffusers as required. Excludes cleaning of registers, grilles, diffusers, or other devices.	6.08
		For Exhaust Ductwork, Add	*1.52*
23 01 30 51-0005	LF	>8 SF Cross Section, Clean Supply/Return Ductwork Note: Includes sealing registers, grilles, diffusers as required. Excludes cleaning of registers, grilles, diffusers, or other devices.	8.63
		For Exhaust Ductwork, Add	*2.16*
23 01 30 51-0006	SF	Clean Duct Dampers	12.14
23 01 30 51-0007	SF	Clean Duct Fire Dampers	24.28
23 01 30 51-0008	SF	Clean Louver	9.72
23 01 30 51-0009	EA	Clean Turning Vane Set	29.15
23 01 30 51-0010	EA	Clean Grille/Diffuser/Register Note: Includes removal and reinstallation.	29.15
23 01 30 51-0011	LF	Clean Linear Diffuser Note: Includes removal and reinstallation.	7.29
23 01 30 51-0012	EA	Cut Access For Cleaning Duct And Install Duct Insulated Access Doors	102.67
		For Stainless Steel, Add	*74.44*
23 01 30 51-0013	EA	Clean Variable Air Volume (VAV) Unit	87.43
23 01 30 51-0014	EA	Clean Fan Powered Induction Unit (PIU) Unit	116.57
23 01 30 51-0015	EA	Clean Fan Coil Unit (FCU)	116.57
23 01 30 51-0016	EA	Clean Packaged Terminal Air Conditioning Unit	116.57
23 01 30 51-0017	EA	Clean Supply Or Return Fan	233.15
23 01 30 51-0018	EA	Clean Exhaust Fan	204.01
23 01 30 51-0019	EA	Clean Duct Coil	174.86
23 01 30 51-0020	SF	Clean Air Handling Unit Interior Housing With High Efficiency Particulate Air (HEPA) Vacuum Note: Excluding fan and coils.	5.83
23 01 30 51-0021	EA	Clean Air Handling Unit Fan	233.15
23 01 30 51-0022	EA	Clean Air Handling Unit Coil	349.73
23 01 30 51-0023	SF	Clean Equipment Surfaces, Rust Reform And Prime	3.25
23 01 30 51-0024	SF	Clean Interior Equipment Surfaces, Rust Reform And Prime	3.82
23 01 30 51-0025	SF	High Efficiency Particulate Air (HEPA) Vacuuming Of Walls, Ceilings And Floors In Mechanical Rooms	0.65
23 01 30 51-0026	EA	Cleaning Of Ductwork Minimum Set-up Charge Note: For projects where the total charges are less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	868.69
23 01 30 51-0027	SF	Apply Anti-microbial Agent To Ductwork And Surfaces After Cleaning	0.52

23 01 30 61 HVAC Air-Distribution Duct Repair *(23 01 30)*

23 01 30 61-0001 Repair And Seal Ductwork *(23 01 30 61)*

Note: Includes removal of existing insulation, repair/seal ductwork with Duct Sealer and reinstallation of insulation. Excludes new ductwork.

23 01 30 61-0002	SF	Repair And Sealing Of Ductwork Note: Clean, apply sealant and tape	2.22

23 01 50 Operation and Maintenance of Central Heating Equipment *(23 01)*

23 01 50 61 Central Heating Equipment Repair *(23 01 50)*

23 01 50 61-0001 Boiler Repairs *(23 01 50 61)*

23 01 50 61-0002 Boiler Tube Replacement *(23 01 50 61-0001)*

23 01 50 61-0003	EA	Removal Of Up To 2" Boiler Tube	259.89
23 01 50 61-0004	EA	Removal Of >2" To 3" Boiler Tube	324.87
23 01 50 61-0005	EA	Removal Of >3" To 4" Boiler Tube	454.79
23 01 50 61-0006	LF	Place 1-1/2" Boiler Tube Into Position For Termination Note: Includes black steel tube, fasteners and accessories.	19.68
23 01 50 61-0007	LF	Place 2" Boiler Tube Into Position For Termination Note: Includes black steel tube, fasteners and accessories.	23.23
23 01 50 61-0008	LF	Place 2-1/2" Boiler Tube Into Position For Termination Note: Includes black steel tube, fasteners and accessories.	26.83
23 01 50 61-0009	LF	Place 3" Boiler Tube Into Position For Termination Note: Includes black steel tube, fasteners and accessories.	40.62
23 01 50 61-0010	LF	Place 3-1/2" Boiler Tube Into Position For Termination Note: Includes black steel tube, fasteners and accessories.	48.23

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 01 50 61-0011	LF	Place 4" Boiler Tube Into Position For Termination Note: Includes black steel tube, fasteners and accessories.	63.21	
23 01 50 61-0012	EA	1-1/2" Rolled Boiler Tube Termination (2 Per New Tube)	32.49	
23 01 50 61-0013	EA	2" Rolled Boiler Tube Termination (2 Per New Tube)	48.73	
23 01 50 61-0014	EA	2-1/2" Rolled Boiler Tube Termination (2 Per New Tube)	64.97	
23 01 50 61-0015	EA	3" Rolled Boiler Tube Termination (2 Per New Tube)	81.22	
23 01 50 61-0016	EA	3-1/2" Rolled Boiler Tube Termination (2 Per New Tube)	97.46	
23 01 50 61-0017	EA	4" Rolled Boiler Tube Termination (2 Per New Tube)	113.70	
23 01 50 61-0018	EA	1-1/2" Welded Boiler Tube Termination (2 Per New Tube)	97.46	
23 01 50 61-0019	EA	2" Welded Boiler Tube Termination (2 Per New Tube)	129.94	
23 01 50 61-0020	EA	2-1/2" Welded Boiler Tube Termination (2 Per New Tube)	162.43	
23 01 50 61-0021	EA	3" Welded Boiler Tube Termination (2 Per New Tube)	194.91	
23 01 50 61-0022	EA	3-1/2" Welded Boiler Tube Termination (2 Per New Tube)	227.40	
23 01 50 61-0023	EA	4" Welded Boiler Tube Termination (2 Per New Tube)	259.89	
23 01 50 61-0024	EA	Plug Boiler Tube Hole Where Boiler Tube Is Not Replaced	393.74	
23 01 50 61-0025		**Replacement Or Conversion Of Boiler Burners** *(23 01 50 61-0001)* Note: Includes mounting plate, mechanical and electrical labor for installation of burners.		
23 01 50 61-0026	EA	700 MBH Max Input Burner With 2" Boiler Connection, Screwed	10,649.22	1,130.77
23 01 50 61-0027	EA	2,100 MBH Max Input Burner With 2-1/2" Boiler Connection, Screwed	15,398.14	1,399.98
23 01 50 61-0028	EA	2,800 MBH Max Input Burner With 3" Boiler Connection, Screwed	18,182.10	1,696.04
23 01 50 61-0029	EA	3,800 MBH Max Input Burner With 4" Boiler Connection, Flanged	21,472.32	1,825.38
23 01 50 61-0030		**Cast Iron Grate Replacement** *(23 01 50 61-0001)*		
23 01 50 61-0031	EA	Removal And Replacement Of Stay Bolt	53.45	
23 01 50 61-0032	SF	Removal And Replacement Of Cast Iron Boiler Grates, Prepared From Casting Mold Note: Includes support, linkages and removal of existing.	144.76	
23 01 50 61-0033	EA	Prepare Cast Iron Boiler Grate Mold Note: Includes preparing unique size mold for grate casting. Mold to be used for multiple castings.	2,168.43	
23 01 50 61-0034		**Boiler And Chiller Water Treatment** *(23 01 50 61)* Note: 3 LB chemical per 50 gallon system water.		
23 01 50 61-0035	LB	Boil Out Boiler And System With Caustic Soda Note: Includes disposal after treatment.	1.69	
23 01 50 61-0036	LB	Boil Out Boiler And System With Trisodium Phosphate Note: Includes disposal after treatment.	2.54	
23 01 50 61-0037	GAL	Corrosion Resistant Chemical Treatment, Based On Gallons Of Chemical Required	158.67	

23 01 60 Operation and Maintenance of Central Cooling Equipment *(23 01)*

23 01 60 71 Refrigerant Recovery/Recycling *(23 01 60)*

23 01 60 71-0001		**Refrigerant Recovery, Reclaim And Recycling** *(23 01 60 71)*		
23 01 60 71-0002	LB	Recovery Of Refrigerant	12.18	
23 01 60 71-0003	LB	Recovery And Recharging Of Refrigerant Note: Includes cleaning refrigerant gas prior to recharging.	22.86	
23 01 60 71-0004	LB	Recharging Of Refrigerant Note: Excludes refrigerant filling at time of installation of HVAC or Condenser units.	10.26	

23 05 Common Work Results for HVAC *(23)*

23 05 13 Common Motor Requirements for HVAC Equipment *(23 05)*

Note: New equipment includes motor, unless otherwise stated. For use when replacing existing motor.

23 05 13 00-0001		**Premium Efficient, Motors** *(23 05 13)* Note: New equipment includes motor, unless otherwise stated. For use when replacing existing motor. Excludes installation. See CSI section 23 05 13 00-0216 for installation.		
23 05 13 00-0002		**Premium Efficient, Open Drip Proof Motors** *(23 05 13 00-0001)* Note: NEMA premium efficiency, open drip proof, three phase AC motors.		
23 05 13 00-0003		**Steel Frame, Premium Efficient, Open Drip Proof Motors** *(23 05 13 00-0002)*		
23 05 13 00-0004	EA	1 HP, 3,600 RPM, 56 NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	725.71	
23 05 13 00-0005	EA	1 HP, 1,800 RPM, 143T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	821.73	
23 05 13 00-0006	EA	1 HP, 1,200 RPM, 145T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	963.41	
23 05 13 00-0007	EA	1-1/2 HP, 3,600 RPM, 143T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	809.14	
23 05 13 00-0008	EA	1-1/2 HP, 1,800 RPM, 145T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	859.51	
23 05 13 00-0009	EA	1-1/2 HP, 1,200 RPM, 182T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	1,127.13	
23 05 13 00-0010	EA	2 HP, 3,600 RPM, 145T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	950.82	
23 05 13 00-0011	EA	2 HP, 1,800 RPM, 145T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	920.91	
23 05 13 00-0012	EA	2 HP, 1,200 RPM, 184T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	1,152.31	
23 05 13 00-0013	EA	3 HP, 3,600 RPM, 182T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	963.41	
23 05 13 00-0014	EA	3 HP, 1,800 RPM, 182T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	993.32	
23 05 13 00-0015	EA	3 HP, 1,200 RPM, 213T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	1,467.15	
23 05 13 00-0016	EA	5 HP, 3,600 RPM, 184T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	1,051.57	
23 05 13 00-0017	EA	5 HP, 1,800 RPM, 184T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	1,087.77	
23 05 13 00-0018	EA	5 HP, 1,200 RPM, 215T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	1,922.10	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 13 00-0019	EA	7-1/2 HP, 3,600 RPM, 213T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	1,668.65	
23 05 13 00-0020	EA	7-1/2 HP, 1,800 RPM, 213T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	1,599.39	
23 05 13 00-0021	EA	7-1/2 HP, 1,200 RPM, 254T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	2,304.63	
23 05 13 00-0022	EA	10 HP, 3,600 RPM, 215T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	1,907.93	
23 05 13 00-0023	EA	10 HP, 1,800 RPM, 215T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	1,936.27	
23 05 13 00-0024	EA	10 HP, 1,200 RPM, 256T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	2,998.85	
23 05 13 00-0025	EA	15 HP, 3,600 RPM, 254T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	2,710.77	
23 05 13 00-0026	EA	15 HP, 1,800 RPM, 254T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	2,742.26	
23 05 13 00-0027	EA	15 HP, 1,200 RPM, 284T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	4,044.12	
23 05 13 00-0028	EA	20 HP, 3,600 RPM, 256T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	3,184.61	
23 05 13 00-0029	EA	20 HP, 1,800 RPM, 256T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	3,442.78	
23 05 13 00-0030	EA	20 HP, 1,200 RPM, 286T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	4,922.52	
23 05 13 00-0031	EA	25 HP, 3,600 RPM, 284TS NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	3,823.73	
23 05 13 00-0032	EA	25 HP, 1,800 RPM, 284T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	4,196.82	
23 05 13 00-0033	EA	25 HP, 1,200 RPM, 324T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	5,945.75	
23 05 13 00-0034	EA	30 HP, 3,600 RPM, 286TS NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	4,511.66	
23 05 13 00-0035	EA	30 HP, 1,800 RPM, 286T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	4,588.79	
23 05 13 00-0036	EA	30 HP, 1,200 RPM, 326T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	6,202.35	
23 05 13 00-0037	EA	40 HP, 3,600 RPM, 324TS NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	5,813.52	
23 05 13 00-0038	EA	40 HP, 1,800 RPM, 324T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	5,986.68	
23 05 13 00-0039	EA	50 HP, 3,600 RPM, 326TS NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	6,331.43	
23 05 13 00-0040	EA	50 HP, 1,800 RPM, 326T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	6,606.92	
23 05 13 00-0041	EA	60 HP, 3,600 RPM, 364TS NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	8,011.10	
23 05 13 00-0042	EA	60 HP, 1,800 RPM, 364T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	8,318.07	
23 05 13 00-0043	EA	75 HP, 3,600 RPM, 365TS NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	10,509.36	
23 05 13 00-0044	EA	75 HP, 1,800 RPM, 365T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	10,210.26	
23 05 13 00-0045	EA	100 HP, 3,600 RPM, 365TS NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	11,233.49	
23 05 13 00-0046	EA	100 HP, 1,800 RPM, 404T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	11,878.91	
23 05 13 00-0047	EA	125 HP, 3,600 RPM, 404TS NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	14,098.54	
23 05 13 00-0048	EA	125 HP, 1,800 RPM, 405T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	14,572.37	
23 05 13 00-0049	EA	150 HP, 3,600 RPM, 405TS NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	17,391.76	
23 05 13 00-0050		**Cast Iron Frame, Premium Efficient, Open Drip Proof Motors** *(23 05 13 00-0002)*		
23 05 13 00-0051	EA	40 HP, 1,200 RPM, 364T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor	8,835.98	
23 05 13 00-0052	EA	50 HP, 1,200 RPM, 365T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor	10,696.69	
23 05 13 00-0053	EA	60 HP, 1,200 RPM, 404T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor	13,580.62	
23 05 13 00-0054	EA	75 HP, 1,200 RPM, 405T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor	15,120.19	
23 05 13 00-0055	EA	100 HP, 1,200 RPM, 444T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor	16,642.44	
23 05 13 00-0056	EA	125 HP, 1,200 RPM, 445T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor	17,972.64	
23 05 13 00-0057	EA	150 HP, 1,800 RPM, 444T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor	16,187.50	
23 05 13 00-0058	EA	150 HP, 1,200 RPM, 445T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor	21,166.69	
23 05 13 00-0059	EA	200 HP, 3,600 RPM, 444TS NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor	19,708.98	
23 05 13 00-0060	EA	200 HP, 1,800 RPM, 445T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor	20,228.47	
23 05 13 00-0061	EA	200 HP, 1,200 RPM, 447T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor	27,823.98	
23 05 13 00-0062		**Premium Efficient, TEFC Motors** *(23 05 13 00-0001)* Note: NEMA premium efficiency, totally enclosed fan cooled, three phase AC motors.		
23 05 13 00-0063		**Steel Frame, Premium Efficient, TEFC Motors** *(23 05 13 00-0062)*		
23 05 13 00-0064	EA	1 HP, 3,600 RPM, 56 NEMA Steel Frame, Premium Efficient, TEFC Motor	848.49	
23 05 13 00-0065	EA	1 HP, 1,800 RPM, 143T NEMA Steel Frame, Premium Efficient, TEFC Motor	935.07	
23 05 13 00-0066	EA	1 HP, 1,200 RPM, 145T NEMA Steel Frame, Premium Efficient, TEFC Motor	1,112.96	
23 05 13 00-0067	EA	1-1/2 HP, 3,600 RPM, 143T NEMA Steel Frame, Premium Efficient, TEFC Motor	961.84	
23 05 13 00-0068	EA	1-1/2 HP, 1,800 RPM, 145T NEMA Steel Frame, Premium Efficient, TEFC Motor	971.28	
23 05 13 00-0069	EA	2 HP, 3,600 RPM, 145T NEMA Steel Frame, Premium Efficient, TEFC Motor	1,053.14	
23 05 13 00-0070	EA	2 HP, 1,800 RPM, 145T NEMA Steel Frame, Premium Efficient, TEFC Motor	1,007.49	
23 05 13 00-0071	EA	3 HP, 3,600 RPM, 182T NEMA Steel Frame, Premium Efficient, TEFC Motor	1,168.06	
23 05 13 00-0072	EA	3 HP, 1,800 RPM, 182T NEMA Steel Frame, Premium Efficient, TEFC Motor	1,112.96	
23 05 13 00-0073	EA	3 HP, 1,200 RPM, 213T NEMA Steel Frame, Premium Efficient, TEFC Motor	1,786.72	
23 05 13 00-0074	EA	5 HP, 3,600 RPM, 184T NEMA Steel Frame, Premium Efficient, TEFC Motor	1,295.57	
23 05 13 00-0075	EA	5 HP, 1,800 RPM, 184T NEMA Steel Frame, Premium Efficient, TEFC Motor	1,218.43	
23 05 13 00-0076	EA	5 HP, 1,200 RPM, 215T NEMA Steel Frame, Premium Efficient, TEFC Motor	2,018.12	
23 05 13 00-0077	EA	7-1/2 HP, 3,600 RPM, 213T NEMA Steel Frame, Premium Efficient, TEFC Motor	1,940.99	
23 05 13 00-0078	EA	7-1/2 HP, 1,800 RPM, 213T NEMA Steel Frame, Premium Efficient, TEFC Motor	1,756.81	
23 05 13 00-0079	EA	10 HP, 3,600 RPM, 215T NEMA Steel Frame, Premium Efficient, TEFC Motor	1,967.75	
23 05 13 00-0080	EA	10 HP, 1,800 RPM, 215T NEMA Steel Frame, Premium Efficient, TEFC Motor	1,983.49	
23 05 13 00-0081		**Cast Iron Frame, Premium Efficient, TEFC Motors** *(23 05 13 00-0062)*		
23 05 13 00-0082	EA	1 HP, 1,800 RPM, 143T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	1,210.56	
23 05 13 00-0083	EA	1 HP, 1,200 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	1,355.39	
23 05 13 00-0084	EA	1-1/2 HP, 3,600 RPM, 143T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	1,278.25	
23 05 13 00-0085	EA	1-1/2 HP, 1,800 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	1,254.64	
23 05 13 00-0086	EA	1-1/2 HP, 1,200 RPM, 182T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	1,613.56	
23 05 13 00-0087	EA	2 HP, 3,600 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	1,344.37	
23 05 13 00-0088	EA	2 HP, 1,800 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	1,314.46	
23 05 13 00-0089	EA	2 HP, 1,200 RPM, 184T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	1,638.74	
23 05 13 00-0090	EA	3 HP, 3,600 RPM, 182T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	1,451.41	
23 05 13 00-0091	EA	3 HP, 1,800 RPM, 182T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	1,492.34	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 13 00-0092	EA	3 HP, 1,200 RPM, 213T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	2,041.74	
23 05 13 00-0093	EA	5 HP, 3,600 RPM, 184T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	1,786.72	
23 05 13 00-0094	EA	5 HP, 1,800 RPM, 184T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	1,493.92	
23 05 13 00-0095	EA	5 HP, 1,200 RPM, 215T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	2,369.17	
23 05 13 00-0096	EA	7-1/2 HP, 3,600 RPM, 213T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	2,068.50	
23 05 13 00-0097	EA	7-1/2 HP, 1,800 RPM, 213T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	1,992.94	
23 05 13 00-0098	EA	7-1/2 HP, 1,200 RPM, 254T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	3,378.23	
23 05 13 00-0099	EA	10 HP, 3,600 RPM, 215T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	2,424.27	
23 05 13 00-0100	EA	10 HP, 1,800 RPM, 215T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	2,235.36	
23 05 13 00-0101	EA	10 HP, 1,200 RPM, 256T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	3,856.79	
23 05 13 00-0102	EA	15 HP, 3,600 RPM, 254T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	3,340.45	
23 05 13 00-0103	EA	15 HP, 1,800 RPM, 254T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	3,057.10	
23 05 13 00-0104	EA	15 HP, 1,200 RPM, 284T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	5,144.49	
23 05 13 00-0105	EA	20 HP, 3,600 RPM, 256T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	3,666.31	
23 05 13 00-0106	EA	20 HP, 1,800 RPM, 256T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	3,707.24	
23 05 13 00-0107	EA	20 HP, 1,200 RPM, 286T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	6,849.34	
23 05 13 00-0108	EA	25 HP, 3,600 RPM, 284TS NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	4,783.99	
23 05 13 00-0109	EA	25 HP, 1,800 RPM, 284T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	4,848.54	
23 05 13 00-0110	EA	25 HP, 1,200 RPM, 324T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	7,749.79	
23 05 13 00-0111	EA	30 HP, 3,600 RPM, 286TS NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	5,684.44	
23 05 13 00-0112	EA	30 HP, 1,800 RPM, 286T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	5,752.13	
23 05 13 00-0113	EA	30 HP, 1,200 RPM, 326T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	8,952.48	
23 05 13 00-0114	EA	40 HP, 3,600 RPM, 324TS NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	7,792.29	
23 05 13 00-0115	EA	40 HP, 1,800 RPM, 324T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	7,521.53	
23 05 13 00-0116	EA	40 HP, 1,200 RPM, 364T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	11,156.36	
23 05 13 00-0117	EA	50 HP, 3,600 RPM, 326TS NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	8,524.29	
23 05 13 00-0118	EA	50 HP, 1,800 RPM, 326T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	8,220.47	
23 05 13 00-0119	EA	50 HP, 1,200 RPM, 365T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	13,481.45	
23 05 13 00-0120	EA	60 HP, 3,600 RPM, 364TS NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	11,974.94	
23 05 13 00-0121	EA	60 HP, 1,800 RPM, 364T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	11,828.54	
23 05 13 00-0122	EA	60 HP, 1,200 RPM, 404T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	16,363.81	
23 05 13 00-0123	EA	75 HP, 3,600 RPM, 365TS NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	13,931.67	
23 05 13 00-0124	EA	75 HP, 1,800 RPM, 365T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	13,830.92	
23 05 13 00-0125	EA	75 HP, 1,200 RPM, 405T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	19,055.69	
23 05 13 00-0126	EA	100 HP, 1,800 RPM, 405T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	17,176.10	
23 05 13 00-0127	EA	125 HP, 1,800 RPM, 444T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	21,264.29	
23 05 13 00-0128	EA	150 HP, 1,800 RPM, 445T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	24,459.92	
23 05 13 00-0129	EA	200 HP, 1,800 RPM, 447T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	30,740.98	

23 05 13 00-0130 Premium Efficient, Severe Duty Motors *(23 05 13 00-0001)*

Note: NEMA premium efficiency, TEFC enclosure severe duty, three phase AC motors.

23 05 13 00-0131	EA	1 HP, 3,600 RPM, 143T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	1,257.79	
23 05 13 00-0132	EA	1 HP, 1,800 RPM, 143T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	1,382.15	
23 05 13 00-0133	EA	1 HP, 1,200 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	1,526.97	
23 05 13 00-0134	EA	1 HP, 900 RPM, L182T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	2,145.63	
23 05 13 00-0135	EA	1-1/2 HP, 3,600 RPM, 143T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	1,430.95	
23 05 13 00-0136	EA	1-1/2 HP, 1,800 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	1,408.91	
23 05 13 00-0137	EA	1-1/2 HP, 1,200 RPM, 182T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	1,786.72	
23 05 13 00-0138	EA	1-1/2 HP, 900 RPM, L184T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	2,669.84	
23 05 13 00-0139	EA	2 HP, 3,600 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	1,497.06	
23 05 13 00-0140	EA	2 HP, 1,800 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	1,470.30	
23 05 13 00-0141	EA	2 HP, 1,200 RPM, L184T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	1,810.33	
23 05 13 00-0142	EA	2 HP, 900 RPM, L213T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	3,367.21	
23 05 13 00-0143	EA	3 HP, 3,600 RPM, 182T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	1,770.98	
23 05 13 00-0144	EA	3 HP, 1,800 RPM, 182T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	1,860.70	
23 05 13 00-0145	EA	3 HP, 1,200 RPM, 213T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	2,613.17	
23 05 13 00-0146	EA	3 HP, 900 RPM, L215T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	3,652.14	
23 05 13 00-0147	EA	5 HP, 3,600 RPM, 184T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	2,178.69	
23 05 13 00-0148	EA	5 HP, 1,800 RPM, L184T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	1,893.76	
23 05 13 00-0149	EA	5 HP, 1,200 RPM, L215T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	2,647.80	
23 05 13 00-0150	EA	5 HP, 900 RPM, 254T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	5,813.52	
23 05 13 00-0151	EA	7-1/2 HP, 3,600 RPM, 213T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	2,843.01	
23 05 13 00-0152	EA	7-1/2 HP, 1,800 RPM, L213T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	2,384.91	
23 05 13 00-0153	EA	7-1/2 HP, 1,200 RPM, 254T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	3,789.10	
23 05 13 00-0154	EA	7-1/2 HP, 900 RPM, 256T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	6,647.85	
23 05 13 00-0155	EA	10 HP, 3,600 RPM, 215T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	3,027.19	
23 05 13 00-0156	EA	10 HP, 1,800 RPM, L215T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	2,855.60	
23 05 13 00-0157	EA	10 HP, 1,200 RPM, 256T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	4,922.52	
23 05 13 00-0158	EA	10 HP, 900 RPM, 284T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	7,754.51	
23 05 13 00-0159	EA	15 HP, 3,600 RPM, 254T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	3,872.53	
23 05 13 00-0160	EA	15 HP, 1,800 RPM, 254T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	3,637.98	
23 05 13 00-0161	EA	15 HP, 1,200 RPM, 284T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	5,643.51	
23 05 13 00-0162	EA	15 HP, 900 RPM, 286T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	10,351.94	
23 05 13 00-0163	EA	20 HP, 3,600 RPM, 256T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	4,517.95	
23 05 13 00-0164	EA	20 HP, 1,800 RPM, 256T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	3,902.44	
23 05 13 00-0165	EA	20 HP, 1,200 RPM, 286T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	7,667.93	
23 05 13 00-0166	EA	20 HP, 900 RPM, 324T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	11,801.78	
23 05 13 00-0167	EA	25 HP, 3,600 RPM, 284TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	5,429.42	
23 05 13 00-0168	EA	25 HP, 1,800 RPM, 284T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	5,106.70	
23 05 13 00-0169	EA	25 HP, 1,200 RPM, 324T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	8,012.68	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 13 00-0170	EA	30 HP, 3,600 RPM, 286TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	6,619.51	
23 05 13 00-0171	EA	30 HP, 1,800 RPM, 286T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	6,063.82	
23 05 13 00-0172	EA	30 HP, 1,200 RPM, 326T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	10,329.90	
23 05 13 00-0173	EA	40 HP, 3,600 RPM, 324TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	9,094.15	
23 05 13 00-0174	EA	40 HP, 1,800 RPM, 324T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	7,933.97	
23 05 13 00-0175	EA	40 HP, 1,200 RPM, 364T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	12,875.38	
23 05 13 00-0176	EA	50 HP, 3,600 RPM, 326TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	9,530.21	
23 05 13 00-0177	EA	50 HP, 1,800 RPM, 326T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	9,312.97	
23 05 13 00-0178	EA	50 HP, 1,200 RPM, 365T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	13,714.43	
23 05 13 00-0179	EA	60 HP, 3,600 RPM, 364TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	13,830.92	
23 05 13 00-0180	EA	60 HP, 1,800 RPM, 364T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	12,481.83	
23 05 13 00-0181	EA	60 HP, 1,200 RPM, 404T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	18,732.98	
23 05 13 00-0182	EA	75 HP, 3,600 RPM, 365TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	15,461.79	
23 05 13 00-0183	EA	75 HP, 1,800 RPM, 365T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	14,584.96	
23 05 13 00-0184	EA	75 HP, 1,200 RPM, 405T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	22,799.14	
23 05 13 00-0185	EA	100 HP, 3,600 RPM, 405TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	19,435.07	
23 05 13 00-0186	EA	100 HP, 1,800 RPM, 405T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	19,145.42	
23 05 13 00-0187	EA	100 HP, 1,200 RPM, 444T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	25,077.01	
23 05 13 00-0188	EA	125 HP, 3,600 RPM, 444TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	22,836.92	
23 05 13 00-0189	EA	125 HP, 1,800 RPM, 444T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	22,633.85	
23 05 13 00-0190	EA	125 HP, 1,200 RPM, 445T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	28,329.30	
23 05 13 00-0191	EA	150 HP, 3,600 RPM, 445TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	26,772.42	
23 05 13 00-0192	EA	150 HP, 1,800 RPM, 445T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	26,515.82	
23 05 13 00-0193	EA	150 HP, 1,200 RPM, 447T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	31,940.52	
23 05 13 00-0194	EA	200 HP, 3,600 RPM, 447TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	31,702.81	
23 05 13 00-0195	EA	200 HP, 1,800 RPM, 447T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	31,898.01	
23 05 13 00-0196	EA	200 HP, 1,200 RPM, 449T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	41,839.09	

23 05 13 00-0197 Premium Efficient, Explosion Proof Motors *(23 05 13 00-0001)*

Note: NEMA premium efficiency, explosion proof, three phase AC motors.

23 05 13 00-0198	EA	1 HP, 1,800 RPM, 143T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	1,678.10	
23 05 13 00-0199	EA	1-1/2 HP, 1,800 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	1,737.92	
23 05 13 00-0200	EA	2 HP, 1,800 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	1,895.34	
23 05 13 00-0201	EA	3 HP, 1,800 RPM, L182T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	2,342.41	
23 05 13 00-0202	EA	5 HP, 1,800 RPM, L184T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	2,597.43	
23 05 13 00-0203	EA	7-1/2 HP, 1,800 RPM, 213T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	3,579.73	
23 05 13 00-0204	EA	10 HP, 1,800 RPM, L215T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	3,653.72	
23 05 13 00-0205	EA	15 HP, 1,800 RPM, 254T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	4,946.14	
23 05 13 00-0206	EA	20 HP, 1,800 RPM, 256T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	5,638.78	
23 05 13 00-0207	EA	25 HP, 1,800 RPM, 284T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	7,408.19	
23 05 13 00-0208	EA	30 HP, 1,800 RPM, 286T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	8,314.92	
23 05 13 00-0209	EA	40 HP, 1,800 RPM, 324T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	10,873.00	
23 05 13 00-0210	EA	50 HP, 1,800 RPM, 326T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	12,245.70	
23 05 13 00-0211	EA	60 HP, 1,800 RPM, 364T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	17,130.44	
23 05 13 00-0212	EA	75 HP, 1,800 RPM, 365T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	20,110.40	
23 05 13 00-0213	EA	100 HP, 1,800 RPM, 405T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	24,497.70	
23 05 13 00-0214	EA	125 HP, 1,800 RPM, 444T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	32,019.23	
23 05 13 00-0215	EA	150 HP, 1,800 RPM, 445T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	36,534.03	

23 05 13 00-0216 Motor Mounting *(23 05 13)*

Note: Includes handling and motor installation on mounting base. Excludes mounting base.

23 05 13 00-0217	EA	1/2 HP Motor Mounting	182.24	92.72
23 05 13 00-0218	EA	3/4 HP Motor Mounting	209.97	115.91
23 05 13 00-0219	EA	1 HP Motor Mounting	224.62	115.91
23 05 13 00-0220	EA	1-1/2 HP Motor Mounting	241.47	115.91
23 05 13 00-0221	EA	2 HP Motor Mounting	261.04	139.08
23 05 13 00-0222	EA	3 HP Motor Mounting	301.83	139.08
23 05 13 00-0223	EA	5 HP Motor Mounting	357.73	231.81
23 05 13 00-0224	EA	7-1/2 HP Motor Mounting	459.93	231.81
23 05 13 00-0225	EA	10 HP Motor Mounting	603.67	405.66
23 05 13 00-0226	EA	15 HP Motor Mounting	742.97	405.66
23 05 13 00-0227	EA	20 HP Motor Mounting	878.06	579.52
23 05 13 00-0228	EA	25 HP Motor Mounting	995.73	579.52
23 05 13 00-0229	EA	30 HP Motor Mounting	1,207.33	579.52
23 05 13 00-0230	EA	40 HP Motor Mounting	1,360.37	869.28
23 05 13 00-0231	EA	50 HP Motor Mounting	1,509.16	869.28
23 05 13 00-0232	EA	75 HP Motor Mounting	1,822.38	1,274.94
23 05 13 00-0233	EA	100 HP Motor Mounting	2,195.14	1,274.94
23 05 13 00-0234	EA	125 HP Motor Mounting	2,682.95	1,738.55
23 05 13 00-0235	EA	150 HP Motor Mounting	3,115.68	1,738.55
23 05 13 00-0236	EA	200 HP Motor Mounting	3,577.27	2,086.26

23 05 16 Expansion Fittings and Loops for HVAC Piping *(23 05)*

23 05 16 00-0001 Stainless Steel Bellows Type Expansion Joints *(23 05 16)*

Note: Includes internal sleeves and external covers.

23 05 16 00-0002 Threaded, 150 LB, Stainless Steel Bellows Type Expansion Joints *(23 05 16 00-0001)*

Note: Carbon steel ends. Includes internal sleeves and external covers.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 16 00-0003	EA	1/2" Threaded, 150 LB, Stainless Steel Bellows Type Expansion Joint	262.96	92.89
		For 300 LB Rating, Add	*19.27*	
23 05 16 00-0004	EA	3/4" Threaded, 150 LB, Stainless Steel Bellows Type Expansion Joint	293.82	104.75
		For 300 LB Rating, Add	*21.11*	
23 05 16 00-0005	EA	1" Threaded, 150 LB, Stainless Steel Bellows Type Expansion Joint	350.20	120.08
		For 300 LB Rating, Add	*27.53*	
23 05 16 00-0006	EA	1-1/4" Threaded, 150 LB, Stainless Steel Bellows Type Expansion Joint	399.91	134.03
		For 300 LB Rating, Add	*33.04*	
23 05 16 00-0007	EA	1-1/2" Threaded, 150 LB, Stainless Steel Bellows Type Expansion Joint	434.85	144.06
		For 300 LB Rating, Add	*36.69*	
23 05 16 00-0008	EA	2" Threaded, 150 LB, Stainless Steel Bellows Type Expansion Joint	493.05	169.52
		For 300 LB Rating, Add	*38.52*	

23 05 16 00-0009 Flanged, 150 LB, Stainless Steel Bellows Type Expansion Joints *(23 05 16 00-0001)*

Note: Carbon steel ends. Includes internal sleeves and external covers.

23 05 16 00-0010	EA	1-1/4" Flanged, 150 LB, Stainless Steel Bellows Type Expansion Joint	555.61	92.87
		For 300 LB Rating, Add	*110.06*	
23 05 16 00-0011	EA	1-1/2" Flanged, 150 LB, Stainless Steel Bellows Type Expansion Joint	608.67	111.45
		For 300 LB Rating, Add	*117.26*	
23 05 16 00-0012	EA	2" Flanged, 150 LB, Stainless Steel Bellows Type Expansion Joint	646.01	141.49
		For 300 LB Rating, Add	*117.28*	
23 05 16 00-0013	EA	2-1/2" Flanged, 150 LB, Stainless Steel Bellows Type Expansion Joint	696.84	153.91
		For 300 LB Rating, Add	*125.97*	
23 05 16 00-0014	EA	3" Flanged, 150 LB, Stainless Steel Bellows Type Expansion Joint	770.30	180.44
		For 300 LB Rating, Add	*136.12*	
23 05 16 00-0015	EA	4" Flanged, 150 LB, Stainless Steel Bellows Type Expansion Joint	966.38	302.50
		For 300 LB Rating, Add	*146.83*	
23 05 16 00-0016	EA	5" Flanged, 150 LB, Stainless Steel Bellows Type Expansion Joint	1,288.58	330.84
		For 300 LB Rating, Add	*218.92*	
23 05 16 00-0017	EA	6" Flanged, 150 LB, Stainless Steel Bellows Type Expansion Joint	1,211.08	367.60
		For 300 LB Rating, Add	*187.49*	
23 05 16 00-0018	EA	8" Flanged, 150 LB, Stainless Steel Bellows Type Expansion Joint	1,555.54	469.71
		For 300 LB Rating, Add	*243.02*	
23 05 16 00-0019	EA	10" Flanged, 150 LB, Stainless Steel Bellows Type Expansion Joint	1,972.17	571.81
		For 300 LB Rating, Add	*314.35*	
23 05 16 00-0020	EA	12" Flanged, 150 LB, Stainless Steel Bellows Type Expansion Joint	2,572.98	433.15
		For 300 LB Rating, Add	*426.39*	
23 05 16 00-0021	EA	14" Flanged, 150 LB, Stainless Steel Bellows Type Expansion Joint	3,256.15	816.88
		For 300 LB Rating, Add	*558.77*	
23 05 16 00-0022	EA	16" Flanged, 150 LB, Stainless Steel Bellows Type Expansion Joint	4,161.48	898.56
		For 300 LB Rating, Add	*759.57*	

23 05 16 00-0023 Butt Weld, 150 LB, Stainless Steel Bellows Type Expansion Joints *(23 05 16 00-0001)*

Note: Carbon steel ends. Includes internal sleeves and external covers.

23 05 16 00-0024	EA	1-1/4" Butt Weld, 150 LB, Stainless Steel Bellows Type Expansion Joint	608.24	127.37
		For 300 LB Rating, Add	*88.40*	
23 05 16 00-0025	EA	1-1/2" Butt Weld, 150 LB, Stainless Steel Bellows Type Expansion Joint	633.59	128.42
		For 300 LB Rating, Add	*94.18*	
23 05 16 00-0026	EA	2" Butt Weld, 150 LB, Stainless Steel Bellows Type Expansion Joint	642.40	132.68
		For 300 LB Rating, Add	*94.20*	
23 05 16 00-0027	EA	2-1/2" Butt Weld, 150 LB, Stainless Steel Bellows Type Expansion Joint	694.38	144.66
		For 300 LB Rating, Add	*101.18*	
23 05 16 00-0028	EA	3" Butt Weld, 150 LB, Stainless Steel Bellows Type Expansion Joint	778.85	170.14
		For 300 LB Rating, Add	*109.56*	
23 05 16 00-0029	EA	4" Butt Weld, 150 LB, Stainless Steel Bellows Type Expansion Joint	1,148.63	338.80
		For 300 LB Rating, Add	*117.93*	
23 05 16 00-0030	EA	5" Butt Weld, 150 LB, Stainless Steel Bellows Type Expansion Joint	1,393.26	345.85
		For 300 LB Rating, Add	*175.83*	
23 05 16 00-0031	EA	6" Butt Weld, 150 LB, Stainless Steel Bellows Type Expansion Joint	1,367.61	382.91
		For 300 LB Rating, Add	*150.59*	
23 05 16 00-0032	EA	8" Butt Weld, 150 LB, Stainless Steel Bellows Type Expansion Joint	1,654.55	437.54
		For 300 LB Rating, Add	*195.19*	
23 05 16 00-0033	EA	10" Butt Weld, 150 LB, Stainless Steel Bellows Type Expansion Joint	2,079.94	536.07
		For 300 LB Rating, Add	*252.49*	
23 05 16 00-0034	EA	12" Butt Weld, 150 LB, Stainless Steel Bellows Type Expansion Joint	2,669.46	649.82
		For 300 LB Rating, Add	*342.47*	
23 05 16 00-0035	EA	14" Butt Weld, 150 LB, Stainless Steel Bellows Type Expansion Joint	3,188.34	661.67
		For 300 LB Rating, Add	*466.18*	
23 05 16 00-0036	EA	16" Butt Weld, 150 LB, Stainless Steel Bellows Type Expansion Joint	4,189.37	827.08
		For 300 LB Rating, Add	*633.71*	

23 05 17 Sleeves and Sleeve Seals for HVAC Piping *(23 05)*

23 05 17 00-0001 Wall Seals And Sleeves *(23 05 17)*

Note: Up to 12" walls. Excludes drilling hole.

23 05 17 00-0002 Ductile Iron Wall Sleeve *(23 05 17 00-0001)*

Note: Includes rubber gasket seal.

23 05 17 00-0003	EA	3" Ductile Iron Wall Sleeve With Rubber Gasket Seal	128.34	50.43
23 05 17 00-0004	EA	4" Ductile Iron Wall Sleeve With Rubber Gasket Seal	159.48	58.91
23 05 17 00-0005	EA	6" Ductile Iron Wall Sleeve With Rubber Gasket Seal	195.40	70.67

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 17 00-0006	EA	8" Ductile Iron Wall Sleeve With Rubber Gasket Seal	275.60	105.95
23 05 17 00-0007	EA	10" Ductile Iron Wall Sleeve With Rubber Gasket Seal	352.81	141.23
23 05 17 00-0008	EA	12" Ductile Iron Wall Sleeve With Rubber Gasket Seal	434.13	176.62
23 05 17 00-0009		Steel Pipe Sleeves *(23 05 17 00-0001)*		
		Note: Includes link seals 12" length.		
23 05 17 00-0010	EA	2" Steel Pipe Sleeve With Link Seals	152.26	51.04
23 05 17 00-0011	EA	2-1/2" Steel Pipe Sleeve With Link Seals	192.44	55.34
23 05 17 00-0012	EA	3" Steel Pipe Sleeve With Link Seals	230.18	59.62
23 05 17 00-0013	EA	4" Steel Pipe Sleeve With Link Seals	287.47	71.53
23 05 17 00-0014	EA	6" Steel Pipe Sleeve With Link Seals	425.88	89.33
23 05 17 00-0015	EA	10" Steel Pipe Sleeve With Link Seals	1,096.06	107.23
23 05 17 00-0016	EA	13-1/4" Inside Diameter Steel Pipe Sleeve With Link Seals	1,327.88	134.04
23 05 17 00-0017	EA	17-1/4" Inside Diameter Steel Pipe Sleeve With Link Seals	1,831.65	164.92
23 05 17 00-0018	EA	23-1/4" Inside Diameter Steel Pipe Sleeve With Link Seals	2,611.70	214.46
23 05 17 00-0019	EA	29-1/4" Inside Diameter Steel Pipe Sleeve With Link Seals	3,872.06	268.08

23 05 19 Meters and Gages for HVAC Piping *(23 05)*

See CSI section 33 19 00 00-0000 for water utility service metering.

23 05 19 00-0001		Thermometers *(23 05 19)*		
23 05 19 00-0002		Dial Type, Bi-Metal, 4" To 9" Stem, Steel Case, Brass Stem, Thermometers *(23 05 19 00-0001)*		
		Note: Various ranges.		
23 05 19 00-0003	EA	2" Diameter Dial, Bi-Metal, 4" To 9" Stem, Steel Case, Brass Stem, Thermometer	110.42	36.88
23 05 19 00-0004	EA	2-1/2" Diameter Dial, Bi-Metal, 4" To 9" Stem, Steel Case, Brass Stem, Thermometer	128.78	36.88
23 05 19 00-0005	EA	3-1/2" Diameter Dial, Bi-Metal, 4" To 9" Stem, Steel Case, Brass Stem, Thermometer	128.78	36.88
23 05 19 00-0006		Liquid Filled Industrial Union Connection Type Thermometers *(23 05 19 00-0001)*		
		Note: Various ranges.		
23 05 19 00-0007	EA	7" Scale, Angle Stem, Liquid Filled Industrial Union Connection Type Thermometer	147.14	36.88
23 05 19 00-0008	EA	9" Scale, Angle Stem, Liquid Filled Industrial Union Connection Type Thermometer	147.14	36.88
23 05 19 00-0009	EA	12" Scale, Angle Stem, Liquid Filled Industrial Union Connection Type Thermometer	185.54	36.88
23 05 19 00-0010	EA	7" Scale, Straight Stem, Liquid Filled Industrial Union Connection Type Thermometer	152.15	36.88
23 05 19 00-0011	EA	9" Scale, Straight Stem, Liquid Filled Industrial Union Connection Type Thermometer	160.50	36.88
23 05 19 00-0012	EA	12" Scale, Straight Stem, Liquid Filled Industrial Union Connection Type Thermometer	190.55	36.88
23 05 19 00-0013		Liquid Filled Industrial Separable Socket Type Thermometers *(23 05 19 00-0001)*		
		Note: Various ranges. Socket connection for thermowell.		
23 05 19 00-0014	EA	7" Scale, Angle Stem, Liquid Filled Industrial Separable Socket Type Thermometer	147.14	36.88
23 05 19 00-0015	EA	9" Scale, Angle Stem, Liquid Filled Industrial Separable Socket Type Thermometer	147.14	36.88
23 05 19 00-0016	EA	12" Scale, Angle Stem, Liquid Filled Industrial Separable Socket Type Thermometer	185.54	36.88
23 05 19 00-0017	EA	7" Scale, Straight Stem, Liquid Filled Industrial Separable Socket Type Thermometer	168.85	36.88
23 05 19 00-0018	EA	9" Scale, Straight Stem, Liquid Filled Industrial Separable Socket Type Thermometer	185.54	36.88
23 05 19 00-0019	EA	12" Scale, Straight Stem, Liquid Filled Industrial Separable Socket Type Thermometer	189.80	36.88
23 05 19 00-0020		1" NPT, 304 Stainless Steel Thermowells *(23 05 19 00-0001)*		
23 05 19 00-0021	EA	4" Long, 1" NPT, 304 Stainless Steel Thermowell	190.13	69.14
23 05 19 00-0022	EA	8" Long, 1" NPT, 304 Stainless Steel Thermowell	190.04	69.14
23 05 19 00-0023		Pressure Gauges *(23 05 19)*		
23 05 19 00-0024		Steel Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauges *(23 05 19 00-0023)*		
23 05 19 00-0025	EA	2" Diameter Dial, Steel Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauge	39.49	14.40
23 05 19 00-0026	EA	4" Diameter Dial, Steel Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauge	49.34	14.40
23 05 19 00-0027		Aluminum Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauges *(23 05 19 00-0023)*		
23 05 19 00-0028	EA	3-1/2" Diameter Dial, Aluminum Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauge	317.40	14.40
23 05 19 00-0029	EA	4-1/2" Diameter Dial, Aluminum Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauge	317.40	14.40
23 05 19 00-0030	EA	6" Diameter Dial, Aluminum Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauge	415.41	14.40
23 05 19 00-0031	EA	8-1/2" Diameter Dial, Aluminum Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauge	992.58	14.40
23 05 19 00-0032		Brass Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauges *(23 05 19 00-0023)*		
		Note: Liquid filled.		
23 05 19 00-0033	EA	2-1/2" Diameter Dial, Brass Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauge	146.27	14.40
23 05 19 00-0034	EA	4" Diameter Dial, Brass Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauge	334.11	14.40
23 05 19 00-0035		Steel Case, 0 To 10K PSI High Pressure, Pressure Gauges *(23 05 19 00-0023)*		
23 05 19 00-0036	EA	4-1/2" Diameter Dial, Steel Case, 0 To 10K PSI High Pressure, Pressure Gauge	327.64	14.40
23 05 19 00-0037	EA	6-1/2" Diameter Dial, Steel Case, 0 To 10K PSI High Pressure, Pressure Gauge	327.64	14.40
23 05 19 00-0038	EA	8-1/2" Diameter Dial, Steel Case, 0 To 10K PSI High Pressure, Pressure Gauge	327.64	14.40

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 19 00-0039		**Gauge Accessories** *(23 05 19 00-0023)*		
23 05 19 00-0040	EA	Pete's Plug (Valve Cock For Removable Pressure Gauge Or Thermometer)	93.65	11.52
23 05 19 00-0041	EA	1/4" Snubber Valve	56.69	11.52
23 05 19 00-0042	EA	1/4" Female Pipe Thread, Brass Gauge Cock	35.50	17.29
23 05 19 00-0043	EA	1/4" Male Pipe Thread, Brass Gauge Cock	30.35	17.29
23 05 19 00-0044	EA	1/4" Pressure Pigtail Steam Siphon	48.76	17.29
23 05 19 00-0045	EA	1/4" x 3" Long Black Steel Nipple	8.93	5.76
23 05 19 00-0046	EA	1/4" Steel Thread-O-Let	66.46	28.81
23 05 19 00-0047	EA	1/4", 300 LB, Black Steel Union	90.94	11.52
23 05 19 00-0048	EA	1/4" Black Steel Coupling	25.56	11.52
23 05 19 00-0049	EA	1/4", 300 LB, Black Steel Plug	14.41	6.91
23 05 19 00-0050	EA	1/4", 150 LB, Black Steel Cap	15.24	6.91
23 05 19 00-0051	LF	1/4" Schedule 40, Threaded And Coupled, Black Steel Pipe	11.24	3.81
23 05 19 00-0052	LF	1/4" Schedule 80, Plain End, Black Steel Pipe	11.25	3.81
23 05 19 00-0053	LF	1/4" Schedule 40, Threaded And Coupled, Galvanized Steel Pipe	9.40	
23 05 19 00-0054	EA	1/4" Threaded, 800 LB, Forged Steel, Ball Valve	115.04	
23 05 19 00-0055		**Valve Lock Covers** *(23 05 19)*		
23 05 19 00-0056	EA	Valve Lock Cover	87.76	17.63
23 05 19 00-0057		**Sight Flow Indicator** *(23 05 19)*		
23 05 19 00-0058		**Threaded, Single Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator** *(23 05 19 00-0057)*		
23 05 19 00-0059	EA	1/4" Threaded, Single Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-100)	172.02	16.76
23 05 19 00-0060	EA	3/8" Threaded, Single Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-100)	179.65	17.63
23 05 19 00-0061	EA	1/2" Threaded, Single Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-100)	194.42	18.53
23 05 19 00-0062	EA	3/4" Threaded, Single Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-100)	216.71	24.97
23 05 19 00-0063	EA	1" Threaded, Single Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-100)	258.95	30.26
23 05 19 00-0064	EA	1-1/4" Threaded, Single Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-100)	292.71	38.31
23 05 19 00-0065	EA	1-1/2" Threaded, Single Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-100)	417.20	44.29
23 05 19 00-0066	EA	2" Threaded, Single Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-100)	461.47	52.35
23 05 19 00-0067		**Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator** *(23 05 19 00-0057)*		
23 05 19 00-0068	EA	1/4" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-300)	224.85	16.76
23 05 19 00-0069	EA	3/8" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-300)	231.30	17.63
23 05 19 00-0070	EA	1/2" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-300)	249.60	18.53
23 05 19 00-0071	EA	3/4" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-300)	263.67	24.97
23 05 19 00-0072	EA	1" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-300)	278.91	30.26
23 05 19 00-0073	EA	1-1/4" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-300)	300.92	38.31
23 05 19 00-0074	EA	1-1/2" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-300)	576.85	44.29
23 05 19 00-0075	EA	2" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-300)	616.42	52.35
23 05 19 00-0076		**Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Stainless Steel Body, Sight Flow Indicator** *(23 05 19 00-0057)*		
23 05 19 00-0077	EA	1/4" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-300SS)	326.98	16.76
23 05 19 00-0078	EA	3/8" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-300SS)	345.17	17.63
23 05 19 00-0079	EA	1/2" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-300SS)	375.20	18.53
23 05 19 00-0080	EA	3/4" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-300SS)	406.89	24.97
23 05 19 00-0081	EA	1" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-300SS)	466.73	30.26
23 05 19 00-0082	EA	1-1/4" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-300SS)	492.27	38.31

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 19 00-0083	EA	1-1/2" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-300SS)	999.46	44.29
23 05 19 00-0084	EA	2" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-300SS)	1,050.76	52.35
23 05 19 00-0085		**Threaded, Double Window, 304SS Flapper, Bronze Body, Sight Flow Indicators** *(23 05 19 00-0057)*		
23 05 19 00-0086	EA	1/4" Threaded, Double Window, 304SS Flapper, Bronze Body, Sight Flow Indicator (Dwyer SFI-360)	221.32	16.76
23 05 19 00-0087	EA	3/8" Threaded, Double Window, 304SS Flapper, Bronze Body, Sight Flow Indicator (Dwyer SFI-360)	230.13	17.63
23 05 19 00-0088	EA	1/2" Threaded, Double Window, 304SS Flapper, Bronze Body, Sight Flow Indicator (Dwyer SFI-360)	243.73	18.53
23 05 19 00-0089	EA	3/4" Threaded, Double Window, 304SS Flapper, Bronze Body, Sight Flow Indicator (Dwyer SFI-360)	262.50	24.97
23 05 19 00-0090	EA	1" Threaded, Double Window, 304SS Flapper, Bronze Body, Sight Flow Indicator (Dwyer SFI-360)	277.73	30.26
23 05 19 00-0091	EA	1-1/4" Threaded, Double Window, 304SS Flapper, Bronze Body, Sight Flow Indicator (Dwyer SFI-360)	300.92	38.31
23 05 19 00-0092	EA	1-1/2" Threaded, Double Window, 304SS Flapper, Bronze Body, Sight Flow Indicator (Dwyer SFI-360)	569.81	44.29
23 05 19 00-0093	EA	2" Threaded, Double Window, 304SS Flapper, Bronze Body, Sight Flow Indicator (Dwyer SFI-360)	607.03	52.35
23 05 19 00-0094		**Threaded, Double Window, 304SS Flapper, Stainless Steel Body, Sight Flow Indicators** *(23 05 19 00-0057)*		
23 05 19 00-0095	EA	1/4" Threaded, Double Window, 304SS Flapper, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-360SS)	324.63	16.76
23 05 19 00-0096	EA	3/8" Threaded, Double Window, 304SS Flapper, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-360SS)	349.87	17.63
23 05 19 00-0097	EA	1/2" Threaded, Double Window, 304SS Flapper, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-360SS)	382.25	18.53
23 05 19 00-0098	EA	3/4" Threaded, Double Window, 304SS Flapper, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-360SS)	406.89	24.97
23 05 19 00-0099	EA	1" Threaded, Double Window, 304SS Flapper, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-360SS)	466.73	30.26
23 05 19 00-0100	EA	1-1/4" Threaded, Double Window, 304SS Flapper, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-360SS)	496.97	38.31
23 05 19 00-0101	EA	1-1/2" Threaded, Double Window, 304SS Flapper, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-360SS)	999.46	44.29
23 05 19 00-0102	EA	2" Threaded, Double Window, 304SS Flapper, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-360SS)	1,050.76	52.35
23 05 19 00-0103		**Threaded, Tube Style, Without Impeller, Cast Iron Body, Sight Flow Indicators** *(23 05 19 00-0057)*		
23 05 19 00-0104	EA	1" Threaded, Tube Style, Without Impeller, Cast Iron Body, Sight Flow Indicator (Dwyer SFI-400)	476.12	30.26
23 05 19 00-0105	EA	1-1/4" Threaded, Tube Style, Without Impeller, Cast Iron Body, Sight Flow Indicator (Dwyer SFI-400)	534.53	38.31
23 05 19 00-0106	EA	1-1/2" Threaded, Tube Style, Without Impeller, Cast Iron Body, Sight Flow Indicator (Dwyer SFI-400)	607.37	44.29
23 05 19 00-0107	EA	2" Threaded, Tube Style, Without Impeller, Cast Iron Body, Sight Flow Indicator (Dwyer SFI-400)	682.16	52.35
23 05 19 00-0108		**Flanged, Double Window, 316SS Flapper, Carbon Steel Body, Sight Flow Indicators** *(23 05 19 00-0057)*		
23 05 19 00-0109	EA	1-1/2" Flanged, Double Window, 316SS Flapper, Carbon Steel Body, Sight Flow Indicator (Dwyer SFI-360FCS)	1,046.49	120.81
23 05 19 00-0110	EA	2" Flanged, Double Window, 316SS Flapper, Carbon Steel Body, Sight Flow Indicator (Dwyer SFI-360FCS)	1,166.68	153.38
23 05 19 00-0111	EA	3" Flanged, Double Window, 316SS Flapper, Carbon Steel Body, Sight Flow Indicator (Dwyer SFI-360FCS)	1,723.91	180.12
23 05 19 00-0112	EA	4" Flanged, Double Window, 316SS Flapper, Carbon Steel Body, Sight Flow Indicator (Dwyer SFI-360FCS)	2,597.67	301.96
23 05 19 00-0113	EA	6" Flanged, Double Window, 316SS Flapper, Carbon Steel Body, Sight Flow Indicator (Dwyer SFI-360FCS)	4,240.50	381.63
23 05 19 00-0114		**Flanged, Tube Style, Without Impeller, Stainless Steel Body, Sight Flow Indicators** *(23 05 19 00-0057)*		
23 05 19 00-0115	EA	1" Flanged, Tube Style, Without Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-400F)	803.50	86.29
23 05 19 00-0116	EA	1-1/4" Flanged, Tube Style, Without Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-400F)	949.14	100.67
23 05 19 00-0117	EA	1-1/2" Flanged, Tube Style, Without Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-400F)	1,022.42	120.81
23 05 19 00-0118	EA	2" Flanged, Tube Style, Without Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-400F)	1,281.14	153.38
23 05 19 00-0119	EA	3" Flanged, Tube Style, Without Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-400F)	1,864.19	180.12
23 05 19 00-0120	EA	4" Flanged, Tube Style, Without Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-400F)	2,749.69	301.96
23 05 19 00-0121		**Venturi Flowmeters** *(23 05 19)*		
23 05 19 00-0122		**Threaded, Brass, Venturi Flowmeters** *(23 05 19 00-0121)*		
23 05 19 00-0123	EA	3/4" Threaded, Brass, Venturi Flowmeter	312.45	78.37
		For Portable Venturi Flow Meter, Add	*995.00*	
23 05 19 00-0124	EA	1" Threaded, Brass, Venturi Flowmeter	344.57	94.03
		For Portable Venturi Flow Meter, Add	*995.00*	
23 05 19 00-0125	EA	1-1/4" Threaded, Brass, Venturi Flowmeter	379.99	104.53
		For Portable Venturi Flow Meter, Add	*995.00*	
23 05 19 00-0126	EA	1-1/2" Threaded, Brass, Venturi Flowmeter	428.30	117.55
		For Portable Venturi Flow Meter, Add	*995.00*	
23 05 19 00-0127	EA	2" Threaded, Brass, Venturi Flowmeter	510.25	134.38
		For Portable Venturi Flow Meter, Add	*995.00*	
23 05 19 00-0128	EA	2-1/2" Threaded, Brass, Venturi Flowmeter	704.12	191.15
		For Portable Venturi Flow Meter, Add	*995.00*	
23 05 19 00-0129		**Butt Weld, Carbon Steel, Venturi Flowmeters** *(23 05 19 00-0121)*		
23 05 19 00-0130	EA	3" Butt Weld, Carbon Steel, Venturi Flowmeter	2,623.01	160.85
		For Portable Venturi Flow Meter, Add	*995.00*	
		For Flanged Ends, Add	*805.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 19 00-0131	EA	4" Butt Weld, Carbon Steel, Venturi Flowmeter	3,684.58	193.02
		For Portable Venturi Flow Meter, Add	*995.00*	
		For Flanged Ends, Add	*1,154.49*	
23 05 19 00-0132	EA	5" Butt Weld, Carbon Steel, Venturi Flowmeter	4,855.04	241.27
		For Portable Venturi Flow Meter, Add	*995.00*	
		For Flanged Ends, Add	*1,530.38*	
23 05 19 00-0133	EA	6" Butt Weld, Carbon Steel, Venturi Flowmeter	5,706.29	321.69
		For Portable Venturi Flow Meter, Add	*995.00*	
		For Flanged Ends, Add	*1,772.02*	
23 05 19 00-0134	EA	8" Butt Weld, Carbon Steel, Venturi Flowmeter	8,519.82	386.03
		For Portable Venturi Flow Meter, Add	*995.00*	
		For Flanged Ends, Add	*2,711.72*	
23 05 19 00-0135	EA	10" Butt Weld, Carbon Steel, Venturi Flowmeter	14,236.01	482.54
		For Portable Venturi Flow Meter, Add	*995.00*	
		For Flanged Ends, Add	*4,644.82*	
23 05 19 00-0136	EA	12" Butt Weld, Carbon Steel, Venturi Flowmeter	21,512.77	707.31
		For Portable Venturi Flow Meter, Add	*995.00*	
		For Flanged Ends, Add	*7,034.36*	
23 05 19 00-0137	EA	14" Butt Weld, Carbon Steel, Venturi Flowmeter	30,044.56	1,060.95
		For Portable Venturi Flow Meter, Add	*995.00*	
		For Flanged Ends, Add	*9,772.92*	
23 05 19 00-0138	EA	16" Butt Weld, Carbon Steel, Venturi Flowmeter	45,699.14	1,178.84
		For Portable Venturi Flow Meter, Add	*995.00*	
		For Flanged Ends, Add	*15,169.51*	

23 05 19 00-0139 Turbine Flowmeter *(23 05 19)*

23 05 19 00-0140	EA	Saddle Mount Turbine Flowmeter	1,912.44	86.43

23 05 19 00-0141 Water Flow Switches *(23 05 19)*

23 05 19 00-0142	EA	Flexible Paddle, Single Switch, Brass Body, Water Flow Switch (Taco IFS01BF-1)	292.51	33.97
23 05 19 00-0143	EA	Rigid Paddle, Single Switch, Brass Body, Water Flow Switch (Taco IFS01BR-1)	303.25	33.97
23 05 19 00-0144	EA	Flexible Paddle, Double Switch, Brass Body, Water Flow Switch (Taco IFS02BF-1)	393.92	33.97
23 05 19 00-0145	EA	Rigid Paddle, Double Switch, Brass Body, Water Flow Switch (Taco IFS02BR-1)	407.65	33.97
23 05 19 00-0146	EA	Flexible Paddle, High Current Single Switch, Brass Body, Water Flow Switch (Taco IFSH1BF-1)	316.98	33.97
23 05 19 00-0147	EA	Rigid Paddle, High Current Single Switch, Brass Body, Water Flow Switch (Taco IFSH1BR-1)	329.50	33.97
23 05 19 00-0148	EA	Flexible Paddle, High Current Double Switch, Brass Body, Water Flow Switch (Taco IFSH2BF-1)	418.39	33.97
23 05 19 00-0149	EA	Rigid Paddle, High Current Double Switch, Brass Body, Water Flow Switch (Taco IFSH2BR-1)	430.91	33.97
23 05 19 00-0150	EA	Flexible Paddle, Single Switch, 316 Stainless Steel Body, Water Flow Switch (Taco IFS01SF-1)	834.14	33.97
23 05 19 00-0151	EA	Rigid Paddle, Single Switch, 316 Stainless Steel Body, Water Flow Switch (Taco IFS01SR-1)	846.27	33.97
23 05 19 00-0152	EA	Flexible Paddle, Double Switch, 316 Stainless Steel Body, Water Flow Switch (Taco IFS02SF-1)	961.53	33.97
23 05 19 00-0153	EA	Rigid Paddle, Double Switch, 316 Stainless Steel Body, Water Flow Switch (Taco IFS02SR-1)	978.22	33.97
23 05 19 00-0154	EA	Flexible Paddle, High Current Single Switch, 316 Stainless Steel Body, Water Flow Switch (Taco IFSH1SF-1)	862.95	33.97
23 05 19 00-0155	EA	Rigid Paddle, High Current Single Switch, 316 Stainless Steel Body, Water Flow Switch (Taco IFSH1SR-1)	879.63	33.97
23 05 19 00-0156	EA	Flexible Paddle, High Current Double Switch, 316 Stainless Steel Body, Water Flow Switch (Taco IFSH2SF-1)	990.35	33.97
23 05 19 00-0157	EA	Rigid Paddle, High Current Double Switch, 316 Stainless Steel Body, Water Flow Switch (Taco IFSH2SR-1)	1,008.55	33.97

23 05 23 General-Duty Valves For HVAC Piping *(23 05)*

Note: Flanged valves exclude bolt and gasket sets. See CSI section 22 05 23 00-0000 for additonal valves, 23 21 13 23-0713 for bolt and gasket sets.

23 05 23 00-0001 Gate Valves *(23 05 23)*

23 05 23 00-0002 Class 125 Threaded, Bronze Gate Valves *(23 05 23 00-0001)*

Note: 125 psi steam, basic rating. 200 psi cold working pressure.

23 05 23 00-0003	EA	1/4" Diameter, 125 LB, Threaded Bronze Gate Valve	65.48	11.51
		For 150 LB Rating, Add	*3.20*	
		For 200 LB Rating, Add	*4.80*	
		For 250 LB Rating, Add	*8.00*	
		For 300 LB Rating, Add	*11.19*	
		For Work In Restricted Working Space, Add	*10.05*	
23 05 23 00-0004	EA	3/8" Diameter, 125 LB, Threaded Bronze Gate Valve	67.24	11.51
		For 150 LB Rating, Add	*3.20*	
		For 200 LB Rating, Add	*4.80*	
		For 250 LB Rating, Add	*8.00*	
		For 300 LB Rating, Add	*11.19*	
		For Work In Restricted Working Space, Add	*10.58*	
23 05 23 00-0005	EA	1/2" Diameter, 125 LB, Threaded Bronze Gate Valve	69.10	11.51
		For 150 LB Rating, Add	*3.20*	
		For 200 LB Rating, Add	*4.80*	
		For 250 LB Rating, Add	*8.00*	
		For 300 LB Rating, Add	*11.19*	
		For Work In Restricted Working Space, Add	*11.14*	
23 05 23 00-0006	EA	3/4" Diameter, 125 LB, Threaded Bronze Gate Valve	88.18	12.66
		For 150 LB Rating, Add	*3.82*	
		For 200 LB Rating, Add	*5.72*	
		For 250 LB Rating, Add	*9.54*	
		For 300 LB Rating, Add	*13.36*	
		For Work In Restricted Working Space, Add	*15.01*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0007	EA	1" Diameter, 125 LB, Threaded Bronze Gate Valve	118.21	14.38
		For 150 LB Rating, Add	*5.77*	
		For 200 LB Rating, Add	*8.65*	
		For 250 LB Rating, Add	*14.41*	
		For 300 LB Rating, Add	*20.18*	
		For Work In Restricted Working Space, Add	*18.17*	
23 05 23 00-0008	EA	1-1/4" Diameter, 125 LB, Threaded Bronze Gate Valve	154.44	15.31
		For 150 LB Rating, Add	*7.77*	
		For 200 LB Rating, Add	*11.66*	
		For 250 LB Rating, Add	*19.43*	
		For 300 LB Rating, Add	*27.21*	
		For Work In Restricted Working Space, Add	*23.01*	
23 05 23 00-0009	EA	1-1/2" Diameter, 125 LB, Threaded Bronze Gate Valve	186.46	17.72
		For 150 LB Rating, Add	*9.80*	
		For 200 LB Rating, Add	*14.69*	
		For 250 LB Rating, Add	*24.49*	
		For 300 LB Rating, Add	*34.28*	
		For Work In Restricted Working Space, Add	*26.55*	
23 05 23 00-0010	EA	2" Diameter, 125 LB, Threaded Bronze Gate Valve	238.43	20.94
		For 150 LB Rating, Add	*13.38*	
		For 200 LB Rating, Add	*20.07*	
		For 250 LB Rating, Add	*33.46*	
		For 300 LB Rating, Add	*46.84*	
		For Work In Restricted Working Space, Add	*31.38*	
23 05 23 00-0011	EA	2-1/2" Diameter, 125 LB, Threaded Bronze Gate Valve	522.95	28.29
		For Chain Operated Type, Add	*171.76*	
		For 150 LB Rating, Add	*38.17*	
		For 200 LB Rating, Add	*57.25*	
		For 250 LB Rating, Add	*95.42*	
		For 300 LB Rating, Add	*133.59*	
		For Work In Restricted Working Space, Add	*42.38*	
23 05 23 00-0012	EA	3" Diameter, 125 LB, Threaded Bronze Gate Valve	619.25	32.84
		For Chain Operated Type, Add	*205.31*	
		For 150 LB Rating, Add	*45.63*	
		For 200 LB Rating, Add	*68.44*	
		For 250 LB Rating, Add	*114.06*	
		For 300 LB Rating, Add	*159.69*	
		For Work In Restricted Working Space, Add	*48.90*	
23 05 23 00-0013	EA	4" Diameter, 125 LB, Threaded Bronze Gate Valve	1,272.33	37.08
		For Chain Operated Type, Add	*489.11*	
		For 150 LB Rating, Add	*108.69*	
		For 200 LB Rating, Add	*163.04*	
		For 250 LB Rating, Add	*271.73*	
		For 300 LB Rating, Add	*380.42*	
		For Work In Restricted Working Space, Add	*55.63*	

23 05 23 00-0014 Class 125 Non-Rising Stem, Threaded, Cast Iron Body, Bronze Trim Gate Valves *(23 05 23 00-0001)*

Note: 125 psi steam, basic rating. 200 psi cold working pressure.

23 05 23 00-0015	EA	1-1/2" Diameter, Class 125 Non-Rising Stem, Threaded, Cast Iron Body, Bronze Trim Gate Valve	277.42	17.72
		For 150 LB Rating, Add	*37.78*	
		For 250 LB Rating, Add	*66.12*	
		For Chain Operated Type, Add	*66.12*	
		For Work In Restricted Working Space, Add	*26.55*	
23 05 23 00-0016	EA	2" Diameter, Class 125 Non-Rising Stem, Threaded, Cast Iron Body, Bronze Trim Gate Valve	423.82	20.94
		For 150 LB Rating, Add	*63.84*	
		For 250 LB Rating, Add	*111.73*	
		For Chain Operated Type, Add	*111.73*	
		For Work In Restricted Working Space, Add	*31.38*	
23 05 23 00-0017	EA	2-1/2" Diameter, Class 125 Non-Rising Stem, Threaded, Cast Iron Body, Bronze Trim Gate Valve	621.37	28.29
		For 150 LB Rating, Add	*96.02*	
		For 250 LB Rating, Add	*168.04*	
		For Chain Operated Type, Add	*168.04*	
		For Work In Restricted Working Space, Add	*42.38*	
23 05 23 00-0018	EA	3" Diameter, Class 125 Non-Rising Stem, Threaded, Cast Iron Body, Bronze Trim Gate Valve	792.92	32.84
		For 150 LB Rating, Add	*125.98*	
		For 250 LB Rating, Add	*220.47*	
		For Chain Operated Type, Add	*220.47*	
		For Work In Restricted Working Space, Add	*48.90*	
23 05 23 00-0019	EA	4" Diameter, Class 125 Non-Rising Stem, Threaded, Cast Iron Body, Bronze Trim Gate Valve	1,881.10	37.08
		For 150 LB Rating, Add	*339.14*	
		For 250 LB Rating, Add	*593.49*	
		For Chain Operated Type, Add	*593.49*	
		For Work In Restricted Working Space, Add	*55.63*	

23 05 23 00-0020 Class 125 Non-Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valves *(23 05 23 00-0001)*

Note: 125 psi steam, basic rating. 200 psi cold working pressure.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0021	EA	1-1/2" Diameter, Class 125 Non-Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valve	607.55	120.81
		For 150 LB Rating, Add	*132.29*	
		For 250 LB Rating, Add	*228.08*	
		For 300 LB Rating, ASTM A182, Add	*531.86*	
		For Chain Operated Type, Add	*228.08*	
		For Work In Restricted Working Space, Add	*45.42*	
23 05 23 00-0022	EA	2" Diameter, Class 125 Non-Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valve	668.84	153.38
		For 150 LB Rating, Add	*138.35*	
		For 250 LB Rating, Add	*238.54*	
		For 300 LB Rating, ASTM A182, Add	*572.96*	
		For Chain Operated Type, Add	*238.54*	
		For Work In Restricted Working Space, Add	*57.53*	
23 05 23 00-0023	EA	2-1/2" Diameter, Class 125 Non-Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valve	765.04	153.63
		For 150 LB Rating, Add	*166.00*	
		For 250 LB Rating, Add	*286.20*	
		For 300 LB Rating, ASTM A182, Add	*668.72*	
		For Chain Operated Type, Add	*286.20*	
		For Work In Restricted Working Space, Add	*57.79*	
23 05 23 00-0024	EA	3" Diameter, Class 125 Non-Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valve	940.89	180.12
		For 150 LB Rating, Add	*207.48*	
		For 250 LB Rating, Add	*357.73*	
		For 300 LB Rating, ASTM A182, Add	*828.18*	
		For Chain Operated Type, Add	*357.73*	
		For Work In Restricted Working Space, Add	*67.63*	
23 05 23 00-0025	EA	4" Diameter, Class 125 Non-Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valve	1,332.41	301.96
		For 150 LB Rating, Add	*276.66*	
		For 250 LB Rating, Add	*477.00*	
		For 300 LB Rating, ASTM A182, Add	*1,143.21*	
		For Chain Operated Type, Add	*477.00*	
		For Work In Restricted Working Space, Add	*113.52*	
23 05 23 00-0026	EA	5" Diameter, Class 125 Non-Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valve	1,668.76	343.46
		For 150 LB Rating, Add	*359.63*	
		For 250 LB Rating, Add	*620.05*	
		For 300 LB Rating, ASTM A182, Add	*1,454.43*	
		For Chain Operated Type, Add	*620.05*	
		For Work In Restricted Working Space, Add	*128.60*	
23 05 23 00-0027	EA	6" Diameter, Class 125 Non-Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valve	2,004.84	381.63
		For 150 LB Rating, Add	*442.57*	
		For 250 LB Rating, Add	*763.05*	
		For 300 LB Rating, ASTM A182, Add	*1,765.47*	
		For Chain Operated Type, Add	*763.05*	
		For Work In Restricted Working Space, Add	*143.62*	
23 05 23 00-0028	EA	8" Diameter, Class 125 Non-Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valve	3,133.74	487.63
		For 150 LB Rating, Add	*733.12*	
		For 250 LB Rating, Add	*1,264.00*	
		For 300 LB Rating, ASTM A182, Add	*2,830.87*	
		For Chain Operated Type, Add	*1,264.00*	
		For Work In Restricted Working Space, Add	*181.73*	
23 05 23 00-0029	EA	10" Diameter, Class 125 Non-Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valve	4,080.66	593.64
		For 150 LB Rating, Add	*968.20*	
		For 250 LB Rating, Add	*1,669.31*	
		For 300 LB Rating, ASTM A182, Add	*3,709.64*	
		For Chain Operated Type, Add	*1,669.31*	
		For Work In Restricted Working Space, Add	*222.61*	
23 05 23 00-0030	EA	12" Diameter, Class 125 Non-Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valve	5,669.15	720.84
		For 150 LB Rating, Add	*1,383.22*	
		For 250 LB Rating, Add	*2,384.86*	
		For 300 LB Rating, ASTM A182, Add	*5,219.43*	
		For Chain Operated Type, Add	*2,384.86*	
		For Work In Restricted Working Space, Add	*269.83*	

23 05 23 00-0031 Class 125 Outside Stem And Yoke, Threaded, Cast Iron Body, Bronze Trim Gate Valves *(23 05 23 00-0001)*

Note: 125 psi steam, basic rating. 200 psi cold working pressure.

23 05 23 00-0032	EA	1-1/2" Diameter, 125 LB Outside Stem And Yoke, Threaded, Cast Iron Body, Bronze Trim Gate Valve	551.59	17.72
		For 175 LB Rating, Add	*231.54*	
		For 250 LB Rating, Add	*347.31*	
		For Work In Restricted Working Space, Add	*26.55*	
23 05 23 00-0033	EA	2" Diameter, 125 LB Outside Stem And Yoke, Threaded, Cast Iron Body, Bronze Trim Gate Valve	703.24	20.94
		For 175 LB Rating, Add	*299.32*	
		For 250 LB Rating, Add	*448.98*	
		For Work In Restricted Working Space, Add	*31.38*	
23 05 23 00-0034	EA	2-1/2" Diameter, 125 LB Outside Stem And Yoke, Threaded, Cast Iron Body, Bronze Trim Gate Valve	816.31	28.29
		For 175 LB Rating, Add	*337.52*	
		For 250 LB Rating, Add	*506.28*	
		For Work In Restricted Working Space, Add	*42.38*	
23 05 23 00-0035	EA	3" Diameter, 125 LB Outside Stem And Yoke, Threaded, Cast Iron Body, Bronze Trim Gate Valve	907.84	32.84
		For 175 LB Rating, Add	*372.42*	
		For 250 LB Rating, Add	*558.63*	
		For Work In Restricted Working Space, Add	*48.90*	
23 05 23 00-0036	EA	4" Diameter, 125 LB Outside Stem And Yoke, Threaded, Cast Iron Body, Bronze Trim Gate Valve	1,213.94	37.08
		For 175 LB Rating, Add	*514.26*	
		For 250 LB Rating, Add	*771.39*	
		For Work In Restricted Working Space, Add	*55.63*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0037		Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valves *(23 05 23 00-0001)* Note: 125 psi steam, basic rating. 200 psi cold working pressure for up to 12". 100 psi steam, basic rating. 150 psi cold working pressure for >12" to 24". 50 psi steam, basic rating. 150 psi cold working pressure for >24".		
23 05 23 00-0038	EA	1-1/2" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	808.98	120.81
		For 150 LB Rating, Add	*98.64*	
		For 175 LB Rating, Add	*203.85*	
		For 250 LB Rating, Add	*427.43*	
		For Chain Operated Type, Add	*328.80*	
		For Work In Restricted Working Space, Add	*45.42*	
23 05 23 00-0039	EA	2" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	868.89	153.38
		For 150 LB Rating, Add	*101.57*	
		For 175 LB Rating, Add	*209.91*	
		For 250 LB Rating, Add	*440.13*	
		For Chain Operated Type, Add	*338.57*	
		For Work In Restricted Working Space, Add	*57.53*	
23 05 23 00-0040	EA	2-1/2" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	891.87	153.63
		For 150 LB Rating, Add	*104.88*	
		For 175 LB Rating, Add	*216.76*	
		For 250 LB Rating, Add	*454.50*	
		For Chain Operated Type, Add	*349.62*	
		For Work In Restricted Working Space, Add	*57.79*	
23 05 23 00-0041	EA	3" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	994.77	180.12
		For 150 LB Rating, Add	*115.40*	
		For 175 LB Rating, Add	*238.50*	
		For 250 LB Rating, Add	*500.07*	
		For Chain Operated Type, Add	*384.67*	
		For Work In Restricted Working Space, Add	*67.63*	
23 05 23 00-0042	EA	4" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	1,311.42	301.96
		For 150 LB Rating, Add	*139.95*	
		For 175 LB Rating, Add	*289.23*	
		For 250 LB Rating, Add	*606.46*	
		For Chain Operated Type, Add	*466.51*	
		For Work In Restricted Working Space, Add	*113.52*	
23 05 23 00-0043	EA	5" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	1,730.42	343.46
		For 150 LB Rating, Add	*195.26*	
		For 175 LB Rating, Add	*403.54*	
		For 250 LB Rating, Add	*846.14*	
		For Chain Operated Type, Add	*650.88*	
		For Work In Restricted Working Space, Add	*128.60*	
23 05 23 00-0044	EA	6" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	1,965.39	381.63
		For 150 LB Rating, Add	*223.00*	
		For 175 LB Rating, Add	*460.86*	
		For 250 LB Rating, Add	*966.32*	
		For Chain Operated Type, Add	*743.33*	
		For Work In Restricted Working Space, Add	*143.62*	
23 05 23 00-0045	EA	8" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	3,120.08	487.63
		For 150 LB Rating, Add	*377.15*	
		For 175 LB Rating, Add	*779.44*	
		For 250 LB Rating, Add	*1,634.31*	
		For Chain Operated Type, Add	*1,257.17*	
		For Work In Restricted Working Space, Add	*181.73*	
23 05 23 00-0046	EA	10" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	4,611.58	593.64
		For 150 LB Rating, Add	*580.43*	
		For 175 LB Rating, Add	*1,199.56*	
		For 250 LB Rating, Add	*2,515.20*	
		For Chain Operated Type, Add	*1,934.77*	
		For Work In Restricted Working Space, Add	*222.61*	
23 05 23 00-0047	EA	12" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	5,803.76	720.84
		For 150 LB Rating, Add	*735.65*	
		For 175 LB Rating, Add	*1,520.34*	
		For 250 LB Rating, Add	*3,187.81*	
		For Chain Operated Type, Add	*2,452.16*	
		For Work In Restricted Working Space, Add	*269.83*	
23 05 23 00-0048	EA	14" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	11,735.18	1,021.40
		For 150 LB Rating, Add	*1,568.76*	
		For 175 LB Rating, Add	*3,242.11*	
		For 250 LB Rating, Add	*6,797.98*	
		For Work In Restricted Working Space, Add	*383.03*	
23 05 23 00-0049	EA	16" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	15,315.19	1,123.54
		For 150 LB Rating, Add	*2,086.61*	
		For 175 LB Rating, Add	*4,312.34*	
		For 250 LB Rating, Add	*9,041.99*	
		For Work In Restricted Working Space, Add	*421.33*	
23 05 23 00-0050	EA	18" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	21,032.94	1,246.10
		For 150 LB Rating, Add	*2,921.30*	
		For 175 LB Rating, Add	*6,037.35*	
		For 250 LB Rating, Add	*12,658.95*	
		For Work In Restricted Working Space, Add	*467.29*	
23 05 23 00-0051	EA	20" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	26,791.38	1,404.43
		For 150 LB Rating, Add	*3,755.38*	
		For 175 LB Rating, Add	*7,761.11*	
		For 250 LB Rating, Add	*16,273.30*	
		For Work In Restricted Working Space, Add	*526.66*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0052	EA	24" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	36,692.01	1,723.62
		For 150 LB Rating, Add	*5,180.63*	
		For 175 LB Rating, Add	*10,706.63*	
		For 250 LB Rating, Add	*22,449.38*	
		For Work In Restricted Working Space, Add	*646.35*	
23 05 23 00-0053	EA	30" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	76,903.26	2,808.85
		For 150 LB Rating, Add	*11,008.83*	
		For 175 LB Rating, Add	*22,751.58*	
		For 250 LB Rating, Add	*47,704.92*	
		For Work In Restricted Working Space, Add	*1,053.32*	
23 05 23 00-0054	EA	36" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	97,932.66	3,745.13
		For 150 LB Rating, Add	*13,987.69*	
		For 175 LB Rating, Add	*28,907.89*	
		For 250 LB Rating, Add	*60,613.31*	
		For Work In Restricted Working Space, Add	*1,404.42*	

23 05 23 00-0055 Class 800 Outside Stem And Yoke, Threaded, Forged Steel, Chrome Trim, Bolted Bonnet Gate Valves *(23 05 23 00-0001)*

Note: 800 psig at 850 degrees F.

23 05 23 00-0056	EA	1/4" Diameter, Class 800 Outside Stem And Yoke, Threaded, Forged Steel, Chrome Trim, Bolted Bonnet Gate Valve	166.21	11.51
		For Work In Restricted Working Space, Add	*10.05*	
23 05 23 00-0057	EA	1/2" Diameter, Class 800 Outside Stem And Yoke, Threaded, Forged Steel, Chrome Trim, Bolted Bonnet Gate Valve	169.83	11.51
		For Work In Restricted Working Space, Add	*11.14*	
23 05 23 00-0058	EA	3/4" Diameter, Class 800 Outside Stem And Yoke, Threaded, Forged Steel, Chrome Trim, Bolted Bonnet Gate Valve	200.54	12.66
		For Work In Restricted Working Space, Add	*15.01*	
23 05 23 00-0059	EA	1" Diameter, Class 800 Outside Stem And Yoke, Threaded, Forged Steel, Chrome Trim, Bolted Bonnet Gate Valve	243.45	14.38
		For Work In Restricted Working Space, Add	*18.17*	
23 05 23 00-0060	EA	1-1/4" Diameter, Class 800 Outside Stem And Yoke, Threaded, Forged Steel, Chrome Trim, Bolted Bonnet Gate Valve	371.79	15.31
		For Work In Restricted Working Space, Add	*23.01*	
23 05 23 00-0061	EA	1-1/2" Diameter, Class 800 Outside Stem And Yoke, Threaded, Forged Steel, Chrome Trim, Bolted Bonnet Gate Valve	439.72	17.72
		For Work In Restricted Working Space, Add	*26.55*	
23 05 23 00-0062	EA	2" Diameter, Class 800 Outside Stem And Yoke, Threaded, Forged Steel, Chrome Trim, Bolted Bonnet Gate Valve	552.91	20.94
		For Work In Restricted Working Space, Add	*31.38*	

23 05 23 00-0063 Ball Valves *(23 05 23)*

See CSI section 23 23 13 00-0000 for refrigeration valves.

23 05 23 00-0064 Threaded Or Sweated, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valves *(23 05 23 00-0063)*

Note: 125 LB WSP.

23 05 23 00-0065	EA	1/2" Threaded Or Sweated, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	51.46	11.51
		For Extension Stems And Sleeves On Insulated Pipe, Add	*2.63*	
		For Full Port, Add	*6.45*	
		For Work In Restricted Working Space, Add	*11.14*	
23 05 23 00-0066	EA	3/4" Threaded Or Sweated, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	72.08	12.66
		For Extension Stems And Sleeves On Insulated Pipe, Add	*2.63*	
		For Full Port, Add	*9.93*	
		For Work In Restricted Working Space, Add	*15.01*	
23 05 23 00-0067	EA	1" Threaded Or Sweated, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	90.34	14.38
		For Extension Stems And Sleeves On Insulated Pipe, Add	*2.63*	
		For Full Port, Add	*13.40*	
		For Work In Restricted Working Space, Add	*18.17*	
23 05 23 00-0068	EA	1-1/4" Threaded Or Sweated, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	126.71	15.31
		For Extension Stems And Sleeves On Insulated Pipe, Add	*2.63*	
		For Full Port, Add	*22.50*	
		For Work In Restricted Working Space, Add	*23.01*	
23 05 23 00-0069	EA	1-1/2" Threaded Or Sweated, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	152.37	17.72
		For Extension Stems And Sleeves On Insulated Pipe, Add	*2.63*	
		For Full Port, Add	*28.74*	
		For Work In Restricted Working Space, Add	*26.55*	
23 05 23 00-0070	EA	2" Threaded Or Sweated, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	184.59	20.94
		For Extension Stems And Sleeves On Insulated Pipe, Add	*2.63*	
		For Full Port, Add	*36.00*	
		For Work In Restricted Working Space, Add	*31.38*	
23 05 23 00-0071	EA	2-1/2" Threaded Or Sweated, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	518.76	28.29
		For Extension Stems And Sleeves On Insulated Pipe, Add	*2.63*	
		For Full Port, Add	*169.87*	
		For Work In Restricted Working Space, Add	*42.38*	
23 05 23 00-0072	EA	3" Threaded Or Sweated, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	598.55	32.84
		For Extension Stems And Sleeves On Insulated Pipe, Add	*2.63*	
		For Full Port, Add	*196.00*	
		For Work In Restricted Working Space, Add	*48.90*	
23 05 23 00-0073	EA	4" Threaded Or Sweated, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	779.23	37.08
		For Extension Stems And Sleeves On Insulated Pipe, Add	*2.63*	
		For Full Port, Add	*267.21*	
		For Work In Restricted Working Space, Add	*55.63*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0074		**Screwed, 150 LB, Full Port, Carbon Steel Ball Valves** *(23 05 23 00-0063)*		
23 05 23 00-0075	EA	1/4" Screwed, 150 LB, Full Port, Carbon Steel Ball Valve	60.95	11.51
		For Work In Restricted Working Space, Add	*10.05*	
23 05 23 00-0076	EA	1/2" Screwed, 150 LB, Full Port, Carbon Steel Ball Valve	66.92	11.51
		For Work In Restricted Working Space, Add	*11.14*	
23 05 23 00-0077	EA	3/4" Screwed, 150 LB, Full Port, Carbon Steel Ball Valve	93.12	12.66
		For Work In Restricted Working Space, Add	*15.01*	
23 05 23 00-0078	EA	1" Screwed, 150 LB, Full Port, Carbon Steel Ball Valve	118.51	14.38
		For Work In Restricted Working Space, Add	*18.17*	
23 05 23 00-0079	EA	1-1/4" Screwed, 150 LB, Full Port, Carbon Steel Ball Valve	175.76	15.31
		For Work In Restricted Working Space, Add	*23.01*	
23 05 23 00-0080	EA	1-1/2" Screwed, 150 LB, Full Port, Carbon Steel Ball Valve	213.99	17.72
		For Work In Restricted Working Space, Add	*26.55*	
23 05 23 00-0081	EA	2" Screwed, 150 LB, Full Port, Carbon Steel Ball Valve	277.37	20.94
		For Work In Restricted Working Space, Add	*31.38*	
23 05 23 00-0082		**Flanged, 150 LB, Full Port, Carbon Steel Ball Valves** *(23 05 23 00-0063)*		
23 05 23 00-0083	EA	1-1/2" Flanged, 150 LB, Full Port, Carbon Steel Ball Valve	493.89	120.81
		For 150 LB Rating, Add	*99.33*	
		For 250 LB Rating, Add	*171.25*	
		For 300 LB Rating, ASTM A182, Add	*418.20*	
		For Chain Operated Type, Add	*171.25*	
		For Work In Restricted Working Space, Add	*45.42*	
		For Work In Restricted Working Space, Add	*45.42*	
23 05 23 00-0084	EA	2" Flanged, 150 LB, Full Port, Carbon Steel Ball Valve	616.66	153.38
		For 150 LB Rating, Add	*123.22*	
		For 250 LB Rating, Add	*212.45*	
		For 300 LB Rating, ASTM A182, Add	*520.78*	
		For Chain Operated Type, Add	*212.45*	
		For Work In Restricted Working Space, Add	*57.53*	
		For Work In Restricted Working Space, Add	*57.53*	
23 05 23 00-0085	EA	2-1/2" Flanged, 150 LB, Full Port, Carbon Steel Ball Valve	968.82	153.63
		For 150 LB Rating, Add	*225.09*	
		For 250 LB Rating, Add	*388.09*	
		For 300 LB Rating, ASTM A182, Add	*872.50*	
		For Chain Operated Type, Add	*388.09*	
		For Work In Restricted Working Space, Add	*57.79*	
		For Work In Restricted Working Space, Add	*57.79*	
23 05 23 00-0086	EA	3" Flanged, 150 LB, Full Port, Carbon Steel Ball Valve	1,064.64	180.12
		For 150 LB Rating, Add	*243.37*	
		For 250 LB Rating, Add	*419.61*	
		For 300 LB Rating, ASTM A182, Add	*951.93*	
		For Chain Operated Type, Add	*419.61*	
		For Work In Restricted Working Space, Add	*67.63*	
		For Work In Restricted Working Space, Add	*67.63*	
23 05 23 00-0087	EA	4" Flanged, 150 LB, Full Port, Carbon Steel Ball Valve	1,557.16	301.96
		For Work In Restricted Working Space, Add	*113.52*	
23 05 23 00-0088	EA	6" Flanged, 150 LB, Full Port, Carbon Steel Ball Valve	3,674.74	381.63
		For Work In Restricted Working Space, Add	*143.62*	
23 05 23 00-0089	EA	8" Flanged, 150 LB, Full Port, Carbon Steel Ball Valve	6,276.37	487.63
		For Work In Restricted Working Space, Add	*181.73*	
23 05 23 00-0090		**Socket, 150 PSI, Polyvinyl Chloride (PVC), Ball Valves** *(23 05 23 00-0063)*		
23 05 23 00-0091	EA	1/2" Socket, 150 PSI, Polyvinyl Chloride (PVC), Ball Valve	48.51	11.51
		For True Union Socket Or Thread Type, Add	*6.50*	
		For Work In Restricted Working Space, Add	*11.14*	
23 05 23 00-0092	EA	3/4" Socket, 150 PSI, Polyvinyl Chloride (PVC), Ball Valve	63.13	12.66
		For True Union Socket Or Thread Type, Add	*7.87*	
		For Work In Restricted Working Space, Add	*15.01*	
23 05 23 00-0093	EA	1" Socket, 150 PSI, Polyvinyl Chloride (PVC), Ball Valve	78.82	14.38
		For True Union Socket Or Thread Type, Add	*10.48*	
		For Work In Restricted Working Space, Add	*18.17*	
23 05 23 00-0094	EA	1-1/4" Socket, 150 PSI, Polyvinyl Chloride (PVC), Ball Valve	100.69	15.31
		For True Union Socket Or Thread Type, Add	*13.62*	
		For Work In Restricted Working Space, Add	*23.01*	
23 05 23 00-0095	EA	1-1/2" Socket, 150 PSI, Polyvinyl Chloride (PVC), Ball Valve	130.24	17.72
		For True Union Socket Or Thread Type, Add	*21.34*	
		For Work In Restricted Working Space, Add	*26.55*	
23 05 23 00-0096	EA	2" Socket, 150 PSI, Polyvinyl Chloride (PVC), Ball Valve	157.78	20.94
		For True Union Socket Or Thread Type, Add	*26.76*	
		For Work In Restricted Working Space, Add	*31.38*	
23 05 23 00-0097	EA	2-1/2" Socket, 150 PSI, Polyvinyl Chloride (PVC), Ball Valve	255.69	28.29
		For True Union Socket Or Thread Type, Add	*53.18*	
		For Work In Restricted Working Space, Add	*42.38*	
23 05 23 00-0098	EA	3" Socket, 150 PSI, Polyvinyl Chloride (PVC), Ball Valve	357.56	32.84
		For True Union Socket Or Thread Type, Add	*86.38*	
		For Work In Restricted Working Space, Add	*48.90*	
23 05 23 00-0099	EA	4" Socket, 150 PSI, Polyvinyl Chloride (PVC), Ball Valve	557.42	37.08
		For True Union Socket Or Thread Type, Add	*158.53*	
		For Work In Restricted Working Space, Add	*55.63*	

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0100		**Threaded Or Sweated, 3-Way, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valves** *(23 05 23 00-0063)*			
23 05 23 00-0101	EA	1/4" Threaded Or Sweated, 3-Way, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve		93.40	17.26
		For Full Port, Add		*19.41*	
		For Work In Restricted Working Space, Add		*15.08*	
23 05 23 00-0102	EA	3/8" Threaded Or Sweated, 3-Way, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve		96.04	17.26
		For Full Port, Add		*19.41*	
		For Work In Restricted Working Space, Add		*15.87*	
23 05 23 00-0103	EA	1/2" Threaded Or Sweated, 3-Way, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve		98.81	17.26
		For Full Port, Add		*19.41*	
		For Work In Restricted Working Space, Add		*16.70*	
23 05 23 00-0104	EA	3/4" Threaded Or Sweated, 3-Way, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve		120.78	18.98
		For Full Port, Add		*20.58*	
		For Work In Restricted Working Space, Add		*22.51*	
23 05 23 00-0105	EA	1" Threaded Or Sweated, 3-Way, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve		158.60	21.57
		For Full Port, Add		*30.49*	
		For Work In Restricted Working Space, Add		*27.25*	
23 05 23 00-0106	EA	1-1/4" Threaded Or Sweated, 3-Way, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve		207.80	22.96
		For Full Port, Add		*41.73*	
		For Work In Restricted Working Space, Add		*34.52*	
23 05 23 00-0107	EA	1-1/2" Threaded Or Sweated, 3-Way, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve		256.06	26.58
		For Full Port, Add		*55.49*	
		For Work In Restricted Working Space, Add		*39.83*	
23 05 23 00-0108	EA	2" Threaded Or Sweated, 3-Way, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve		357.56	31.41
		For Full Port, Add		*90.30*	
		For Work In Restricted Working Space, Add		*47.07*	
23 05 23 00-0109	EA	2-1/2" Threaded Or Sweated, 3-Way, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve		698.88	42.43
		For Full Port, Add		*219.14*	
		For Work In Restricted Working Space, Add		*63.57*	
23 05 23 00-0110	EA	3" Threaded Or Sweated, 3-Way, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve		1,017.80	49.27
		For Full Port, Add		*347.98*	
		For Work In Restricted Working Space, Add		*73.35*	
23 05 23 00-0111		**Three Piece Ball Valves** *(23 05 23 00-0063)*			
23 05 23 00-0112		**Threaded Or Sweated, Bronze Body, Three Piece Ball Valves** *(23 05 23 00-0111)*			
23 05 23 00-0113	EA	1/4" Threaded Or Sweated, Bronze Body, Three Piece Ball Valve		99.59	11.51
		For Work In Restricted Working Space, Add		*10.05*	
23 05 23 00-0114	EA	3/8" Threaded Or Sweated, Bronze Body, Three Piece Ball Valve		101.35	11.51
		For Work In Restricted Working Space, Add		*10.58*	
23 05 23 00-0115	EA	1/2" Threaded Or Sweated, Bronze Body, Three Piece Ball Valve		113.73	11.51
		For Work In Restricted Working Space, Add		*11.14*	
23 05 23 00-0116	EA	3/4" Threaded Or Sweated, Bronze Body, Three Piece Ball Valve		144.03	12.66
		For Work In Restricted Working Space, Add		*15.01*	
23 05 23 00-0117	EA	1" Threaded Or Sweated, Bronze Body, Three Piece Ball Valve		184.03	14.38
		For Work In Restricted Working Space, Add		*18.17*	
23 05 23 00-0118	EA	1-1/4" Threaded Or Sweated, Bronze Body, Three Piece Ball Valve		254.19	15.31
		For Work In Restricted Working Space, Add		*23.01*	
23 05 23 00-0119	EA	1-1/2" Threaded Or Sweated, Bronze Body, Three Piece Ball Valve		318.27	17.72
		For Work In Restricted Working Space, Add		*26.55*	
23 05 23 00-0120	EA	2" Threaded Or Sweated, Bronze Body, Three Piece Ball Valve		520.91	20.94
		For Work In Restricted Working Space, Add		*31.38*	
23 05 23 00-0121	EA	2-1/2" Threaded Or Sweated, Bronze Body, Three Piece Ball Valve		1,121.32	30.03
		For Work In Restricted Working Space, Add		*46.01*	
23 05 23 00-0122		**Threaded, Carbon Steel Body, Three Piece Ball Valves** *(23 05 23 00-0111)*			
23 05 23 00-0123	EA	1/4" Threaded, Carbon Steel Body, Three Piece Ball Valve		115.54	11.51
		For Work In Restricted Working Space, Add		*10.05*	
23 05 23 00-0124	EA	3/8" Threaded, Carbon Steel Body, Three Piece Ball Valve		126.54	11.51
		For Work In Restricted Working Space, Add		*10.58*	
23 05 23 00-0125	EA	1/2" Threaded, Carbon Steel Body, Three Piece Ball Valve		134.29	11.51
		For Work In Restricted Working Space, Add		*11.14*	
23 05 23 00-0126	EA	3/4" Threaded, Carbon Steel Body, Three Piece Ball Valve		214.32	12.66
		For Work In Restricted Working Space, Add		*15.01*	
23 05 23 00-0127	EA	1" Threaded, Carbon Steel Body, Three Piece Ball Valve		273.86	14.38
		For Work In Restricted Working Space, Add		*18.17*	
23 05 23 00-0128	EA	1-1/4" Threaded, Carbon Steel Body, Three Piece Ball Valve		414.75	15.31
		For Work In Restricted Working Space, Add		*23.01*	
23 05 23 00-0129	EA	1-1/2" Threaded, Carbon Steel Body, Three Piece Ball Valve		527.78	17.72
		For Work In Restricted Working Space, Add		*26.55*	
23 05 23 00-0130	EA	2" Threaded, Carbon Steel Body, Three Piece Ball Valve		686.42	20.94
		For Work In Restricted Working Space, Add		*31.38*	
23 05 23 00-0131		**Threaded, Stainless Steel Body, Three Piece Ball Valves** *(23 05 23 00-0111)*			
23 05 23 00-0132	EA	1/4" Threaded, Stainless Steel Body, Three Piece Ball Valve		298.77	11.51
		For Work In Restricted Working Space, Add		*10.05*	
23 05 23 00-0133	EA	3/8" Threaded, Stainless Steel Body, Three Piece Ball Valve		320.29	11.51
		For Work In Restricted Working Space, Add		*10.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0134	EA	1/2" Threaded, Stainless Steel Body, Three Piece Ball Valve	337.61	11.51
		For Work In Restricted Working Space, Add	*11.14*	
23 05 23 00-0135	EA	3/4" Threaded, Stainless Steel Body, Three Piece Ball Valve	489.85	12.66
		For Work In Restricted Working Space, Add	*15.01*	
23 05 23 00-0136	EA	1" Threaded, Stainless Steel Body, Three Piece Ball Valve	597.22	14.38
		For Work In Restricted Working Space, Add	*18.17*	
23 05 23 00-0137	EA	1-1/4" Threaded, Stainless Steel Body, Three Piece Ball Valve	697.37	15.31
		For Work In Restricted Working Space, Add	*23.01*	
23 05 23 00-0138	EA	1-1/2" Threaded, Stainless Steel Body, Three Piece Ball Valve	934.13	17.72
		For Work In Restricted Working Space, Add	*26.55*	
23 05 23 00-0139	EA	2" Threaded, Stainless Steel Body, Three Piece Ball Valve	1,215.96	20.94
		For Work In Restricted Working Space, Add	*31.38*	
23 05 23 00-0140	EA	3" Threaded, Stainless Steel Body, Three Piece Ball Valve	3,199.07	35.67
		For Work In Restricted Working Space, Add	*53.10*	

23 05 23 00-0141 Globe Valves *(23 05 23)*

23 05 23 00-0142 Threaded Or Sweated, 125 LB, Bronze Body, Globe Valves *(23 05 23 00-0141)*

23 05 23 00-0143	EA	1/8" Threaded Or Sweated, 125 LB, Bronze Body, Globe Valve	73.53	11.51
		For 150 LB Rating, Add	*11.29*	
		For 200 LB Rating, Add	*13.84*	
		For 250 LB Rating, Add	*16.38*	
		For 300 LB Rating, Add	*20.03*	
		For Work In Restricted Working Space, Add	*11.14*	
23 05 23 00-0144	EA	1/4" Threaded Or Sweated, 125 LB, Bronze Body, Globe Valve	69.91	11.51
		For 150 LB Rating, Add	*11.29*	
		For 200 LB Rating, Add	*13.84*	
		For 250 LB Rating, Add	*16.38*	
		For 300 LB Rating, Add	*20.03*	
		For Work In Restricted Working Space, Add	*10.05*	
23 05 23 00-0145	EA	3/8" Threaded Or Sweated, 125 LB, Bronze Body, Globe Valve	89.61	11.51
		For 150 LB Rating, Add	*16.85*	
		For 200 LB Rating, Add	*20.65*	
		For 250 LB Rating, Add	*24.46*	
		For 300 LB Rating, Add	*29.89*	
		For Work In Restricted Working Space, Add	*10.58*	
23 05 23 00-0146	EA	1/2" Threaded Or Sweated, 125 LB, Bronze Body, Globe Valve	91.47	11.51
		For 150 LB Rating, Add	*16.85*	
		For 200 LB Rating, Add	*20.65*	
		For 250 LB Rating, Add	*24.46*	
		For 300 LB Rating, Add	*29.89*	
		For 600 LB Rating, Forged Steel, Bolted Bonnet, Socket Weld, Add	*74.63*	
		For Work In Restricted Working Space, Add	*11.14*	
23 05 23 00-0147	EA	3/4" Threaded Or Sweated, 125 LB, Bronze Body, Globe Valve	108.93	12.08
		For 150 LB Rating, Add	*18.26*	
		For 200 LB Rating, Add	*22.39*	
		For 250 LB Rating, Add	*26.51*	
		For 300 LB Rating, Add	*32.40*	
		For 600 LB Rating, Forged Steel, Bolted Bonnet, Socket Weld, Add	*84.81*	
		For Work In Restricted Working Space, Add	*15.01*	
23 05 23 00-0148	EA	1" Threaded Or Sweated, 125 LB, Bronze Body, Globe Valve	140.18	12.08
		For 150 LB Rating, Add	*24.68*	
		For 200 LB Rating, Add	*30.26*	
		For 250 LB Rating, Add	*35.83*	
		For 300 LB Rating, Add	*43.79*	
		For 600 LB Rating, Forged Steel, Bolted Bonnet, Socket Weld, Add	*111.81*	
		For Work In Restricted Working Space, Add	*18.17*	
23 05 23 00-0149	EA	1-1/4" Threaded Or Sweated, 125 LB, Bronze Body, Globe Valve	214.22	15.31
		For 150 LB Rating, Add	*42.63*	
		For 200 LB Rating, Add	*52.25*	
		For 250 LB Rating, Add	*61.88*	
		For 300 LB Rating, Add	*75.63*	
		For 600 LB Rating, Forged Steel, Bolted Bonnet, Socket Weld, Add	*181.95*	
		For Work In Restricted Working Space, Add	*23.01*	
23 05 23 00-0150	EA	1-1/2" Threaded Or Sweated, 125 LB, Bronze Body, Globe Valve	285.04	17.72
		For 150 LB Rating, Add	*60.92*	
		For 200 LB Rating, Add	*74.68*	
		For 250 LB Rating, Add	*88.44*	
		For 300 LB Rating, Add	*108.09*	
		For 600 LB Rating, Forged Steel, Bolted Bonnet, Socket Weld, Add	*251.59*	
		For Work In Restricted Working Space, Add	*26.55*	
23 05 23 00-0151	EA	2" Threaded Or Sweated, 125 LB, Bronze Body, Globe Valve	335.64	20.94
		For 150 LB Rating, Add	*71.62*	
		For 200 LB Rating, Add	*87.80*	
		For 250 LB Rating, Add	*103.97*	
		For 300 LB Rating, Add	*127.07*	
		For 600 LB Rating, Forged Steel, Bolted Bonnet, Socket Weld, Add	*295.98*	
		For Work In Restricted Working Space, Add	*31.38*	
23 05 23 00-0152	EA	2-1/2" Threaded Or Sweated, 125 LB, Bronze Body, Globe Valve	374.20	28.29
		For 150 LB Rating, Add	*72.21*	
		For 200 LB Rating, Add	*88.51*	
		For 250 LB Rating, Add	*104.82*	
		For 300 LB Rating, Add	*128.11*	
		For Work In Restricted Working Space, Add	*42.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0153	EA	3" Globe Valve, Bronze, Threaded Or Soldered, 125 LB	684.87	32.84
		For 150 LB Rating, Add	*161.78*	
		For 200 LB Rating, Add	*198.31*	
		For 250 LB Rating, Add	*234.84*	
		For 300 LB Rating, Add	*287.03*	
		For Work In Restricted Working Space, Add	*48.90*	
23 05 23 00-0154		**Threaded, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valves** *(23 05 23 00-0141)*		
23 05 23 00-0155	EA	2" Threaded, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valve	510.52	20.94
		For 150 LB Rating, Add	*125.84*	
		For 200 LB Rating, Add	*154.25*	
		For 250 LB Rating, Add	*182.66*	
		For 300 LB Rating, Add	*223.26*	
		For Chain Operated Type, Add	*338.94*	
		For Work In Restricted Working Space, Add	*31.38*	
23 05 23 00-0156	EA	2-1/2" Threaded, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valve	633.29	28.29
		For 150 LB Rating, Add	*152.53*	
		For 200 LB Rating, Add	*186.97*	
		For 250 LB Rating, Add	*221.41*	
		For 300 LB Rating, Add	*270.61*	
		For Chain Operated Type, Add	*410.84*	
		For Work In Restricted Working Space, Add	*42.38*	
23 05 23 00-0157	EA	3" Threaded, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valve	753.42	32.84
		For 150 LB Rating, Add	*183.03*	
		For 200 LB Rating, Add	*224.36*	
		For 250 LB Rating, Add	*265.69*	
		For 300 LB Rating, Add	*324.73*	
		For Chain Operated Type, Add	*493.00*	
		For Work In Restricted Working Space, Add	*48.90*	
23 05 23 00-0158	EA	4" Threaded, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valve	972.60	37.08
		For 150 LB Rating, Add	*244.04*	
		For 200 LB Rating, Add	*299.15*	
		For 250 LB Rating, Add	*354.25*	
		For 300 LB Rating, Add	*432.98*	
		For Chain Operated Type, Add	*657.34*	
		For Work In Restricted Working Space, Add	*55.61*	
23 05 23 00-0159		**Flanged, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valves** *(23 05 23 00-0141)*		
23 05 23 00-0160	EA	2" Flanged, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valve	582.56	153.38
		For 150 LB Rating, Add	*121.15*	
		For 250 LB Rating, Add	*175.86*	
		For Chain Operated Type, Add	*195.40*	
		For Work In Restricted Working Space, Add	*57.53*	
23 05 23 00-0161	EA	2-1/2" Flanged, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valve	669.05	153.63
		For 150 LB Rating, Add	*147.69*	
		For 250 LB Rating, Add	*214.38*	
		For Chain Operated Type, Add	*238.21*	
		For Work In Restricted Working Space, Add	*57.79*	
23 05 23 00-0162	EA	3" Flanged, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valve	797.12	180.12
		For 150 LB Rating, Add	*177.22*	
		For 250 LB Rating, Add	*257.26*	
		For Chain Operated Type, Add	*285.85*	
		For Work In Restricted Working Space, Add	*67.63*	
23 05 23 00-0163	EA	4" Flanged, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valve	1,140.66	301.96
		For 150 LB Rating, Add	*236.30*	
		For 250 LB Rating, Add	*343.01*	
		For Chain Operated Type, Add	*381.13*	
		For Work In Restricted Working Space, Add	*113.52*	
23 05 23 00-0164	EA	5" Flanged, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valve	1,488.68	343.46
		For 150 LB Rating, Add	*328.60*	
		For 250 LB Rating, Add	*477.00*	
		For Chain Operated Type, Add	*530.01*	
		For Work In Restricted Working Space, Add	*128.60*	
23 05 23 00-0165	EA	6" Flanged, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valve	1,818.64	381.63
		For 150 LB Rating, Add	*415.37*	
		For 250 LB Rating, Add	*602.96*	
		For Chain Operated Type, Add	*669.95*	
		For Work In Restricted Working Space, Add	*143.62*	
23 05 23 00-0166	EA	8" Flanged, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valve	2,666.22	487.63
		For 150 LB Rating, Add	*638.75*	
		For 250 LB Rating, Add	*927.21*	
		For Chain Operated Type, Add	*1,030.24*	
		For Work In Restricted Working Space, Add	*181.73*	
23 05 23 00-0167	EA	10" Flanged, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valve	3,880.38	593.64
		For 150 LB Rating, Add	*972.89*	
		For 250 LB Rating, Add	*1,412.25*	
		For Chain Operated Type, Add	*1,569.17*	
		For Work In Restricted Working Space, Add	*222.61*	
23 05 23 00-0168	EA	12" Flanged, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valve	6,838.04	720.84
		For 150 LB Rating, Add	*1,840.97*	
		For 250 LB Rating, Add	*2,672.37*	
		For Chain Operated Type, Add	*2,969.30*	
		For Work In Restricted Working Space, Add	*269.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0169		**Threaded Or Sweated, 125 LB, Bronze Body, Angle Globe Valves** *(23 05 23 00-0141)*		
23 05 23 00-0170	EA	1/8" Threaded Or Sweated, 125 LB, Bronze Body, Angle Globe Valve	64.70	11.51
		For 150 LB Rating, Add	*8.55*	
		For 200 LB Rating, Add	*10.48*	
		For 300 LB Rating, Add	*15.17*	
		For Work In Restricted Working Space, Add	*11.14*	
23 05 23 00-0171	EA	1/4" Threaded Or Sweated, 125 LB, Bronze Body, Angle Globe Valve	61.08	11.51
		For 150 LB Rating, Add	*8.55*	
		For 200 LB Rating, Add	*10.48*	
		For 300 LB Rating, Add	*15.17*	
		For Work In Restricted Working Space, Add	*10.05*	
23 05 23 00-0172	EA	3/8" Threaded Or Sweated, 125 LB, Bronze Body, Angle Globe Valve	62.84	11.51
		For 150 LB Rating, Add	*8.55*	
		For 200 LB Rating, Add	*10.48*	
		For 300 LB Rating, Add	*15.17*	
		For Work In Restricted Working Space, Add	*10.58*	
23 05 23 00-0173	EA	1/2" Threaded Or Sweated, 125 LB, Bronze Body, Angle Globe Valve	66.54	11.51
		For 150 LB Rating, Add	*9.12*	
		For 200 LB Rating, Add	*11.18*	
		For 300 LB Rating, Add	*16.18*	
		For Work In Restricted Working Space, Add	*11.14*	
23 05 23 00-0174	EA	3/4" Threaded Or Sweated, 125 LB, Bronze Body, Angle Globe Valve	90.81	12.08
		For 150 LB Rating, Add	*12.64*	
		For 200 LB Rating, Add	*15.50*	
		For 300 LB Rating, Add	*22.43*	
		For Work In Restricted Working Space, Add	*15.01*	
23 05 23 00-0175	EA	1" Threaded Or Sweated, 125 LB, Bronze Body, Angle Globe Valve	114.09	12.08
		For 150 LB Rating, Add	*16.59*	
		For 200 LB Rating, Add	*20.34*	
		For 300 LB Rating, Add	*29.44*	
		For Work In Restricted Working Space, Add	*18.17*	
23 05 23 00-0176	EA	1-1/4" Threaded Or Sweated, 125 LB, Bronze Body, Angle Globe Valve	156.23	15.31
		For 150 LB Rating, Add	*24.65*	
		For 200 LB Rating, Add	*30.22*	
		For 300 LB Rating, Add	*43.74*	
		For Work In Restricted Working Space, Add	*23.01*	
23 05 23 00-0177	EA	1-1/2" Threaded Or Sweated, 125 LB, Bronze Body, Angle Globe Valve	181.22	17.72
		For 150 LB Rating, Add	*28.74*	
		For 200 LB Rating, Add	*35.23*	
		For 300 LB Rating, Add	*50.99*	
		For Work In Restricted Working Space, Add	*26.55*	
23 05 23 00-0178	EA	2" Threaded Or Sweated, 125 LB, Bronze Body, Angle Globe Valve	244.24	20.94
		For 150 LB Rating, Add	*43.29*	
		For 200 LB Rating, Add	*53.06*	
		For 300 LB Rating, Add	*76.80*	
		For Work In Restricted Working Space, Add	*31.38*	
23 05 23 00-0179	EA	2-1/2" Threaded Or Sweated, 125 LB, Bronze Body, Angle Globe Valve	405.30	30.72
		For 150 LB Rating, Add	*78.09*	
		For 200 LB Rating, Add	*95.72*	
		For 300 LB Rating, Add	*138.54*	
		For Work In Restricted Working Space, Add	*46.02*	
23 05 23 00-0180	EA	3" Threaded Or Sweated, 125 LB, Bronze Body, Angle Globe Valve	603.59	35.67
		For 150 LB Rating, Add	*132.24*	
		For 200 LB Rating, Add	*162.10*	
		For 300 LB Rating, Add	*234.62*	
		For Work In Restricted Working Space, Add	*53.10*	
23 05 23 00-0181		**Flanged, 125 LB, Iron Body, Angle Globe Valves** *(23 05 23 00-0141)*		
23 05 23 00-0182	EA	2" Flanged, 125 LB, Iron Body, Angle Globe Valve	1,197.23	153.38
		For 250 LB Rating, Add	*603.28*	
		For Chain Operated Type, Add	*392.13*	
		For Work In Restricted Working Space, Add	*57.53*	
23 05 23 00-0183	EA	2-1/2" Flanged, 125 LB, Iron Body, Angle Globe Valve	1,381.78	153.63
		For 250 LB Rating, Add	*713.48*	
		For Chain Operated Type, Add	*463.76*	
		For Work In Restricted Working Space, Add	*57.79*	
23 05 23 00-0184	EA	3" Flanged, 125 LB, Iron Body, Angle Globe Valve	1,626.74	180.12
		For 250 LB Rating, Add	*840.79*	
		For Chain Operated Type, Add	*546.51*	
		For Work In Restricted Working Space, Add	*67.63*	
23 05 23 00-0185	EA	4" Flanged, 125 LB, Iron Body, Angle Globe Valve	2,379.89	301.96
		For 250 LB Rating, Add	*1,200.89*	
		For Chain Operated Type, Add	*780.58*	
		For Work In Restricted Working Space, Add	*113.52*	
23 05 23 00-0186	EA	5" Flanged, 125 LB, Iron Body, Angle Globe Valve	4,015.69	343.46
		For 250 LB Rating, Add	*2,152.21*	
		For Chain Operated Type, Add	*1,398.94*	
		For Work In Restricted Working Space, Add	*128.60*	
23 05 23 00-0187	EA	6" Flanged, 125 LB, Iron Body, Angle Globe Valve	4,065.76	381.63
		For 250 LB Rating, Add	*2,152.21*	
		For Chain Operated Type, Add	*1,398.94*	
		For Work In Restricted Working Space, Add	*143.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0188	EA	8" Flanged, 125 LB, Iron Body, Angle Globe Valve	7,626.27	487.63
		For 250 LB Rating, Add	*4,212.31*	
		For Chain Operated Type, Add	*2,738.00*	
		For Work In Restricted Working Space, Add	*181.73*	

23 05 23 00-0189 Class 800 Outside Stem And Yoke, Threaded, Chrome Trim, Bolted Bonnet, Forged Steel, Globe Valves *(23 05 23 00-0141)*

Note: 800 PSIG at 850 degrees F.

23 05 23 00-0190	EA	1/4" Class 800 Outside Stem And Yoke, Threaded, Chrome Trim, Bolted Bonnet, Forged Steel, Globe Valve	209.91	18.64
		For Work In Restricted Working Space, Add	*10.05*	
23 05 23 00-0191	EA	1/2" Class 800 Outside Stem And Yoke, Threaded, Chrome Trim, Bolted Bonnet, Forged Steel, Globe Valve	213.53	18.64
		For Work In Restricted Working Space, Add	*11.14*	
23 05 23 00-0192	EA	3/4" Class 800 Outside Stem And Yoke, Threaded, Chrome Trim, Bolted Bonnet, Forged Steel, Globe Valve	250.71	25.08
		For Work In Restricted Working Space, Add	*15.01*	
23 05 23 00-0193	EA	1" Class 800 Outside Stem And Yoke, Threaded, Chrome Trim, Bolted Bonnet, Forged Steel, Globe Valve	309.80	30.26
		For Work In Restricted Working Space, Add	*18.17*	
23 05 23 00-0194	EA	1-1/4" Class 800 Outside Stem And Yoke, Threaded, Chrome Trim, Bolted Bonnet, Forged Steel, Globe Valve	503.98	38.31
		For Work In Restricted Working Space, Add	*23.01*	
23 05 23 00-0195	EA	1-1/2" Class 800 Outside Stem And Yoke, Threaded, Chrome Trim, Bolted Bonnet, Forged Steel, Globe Valve	604.80	44.29
		For Work In Restricted Working Space, Add	*26.55*	
23 05 23 00-0196	EA	2" Class 800 Outside Stem And Yoke, Threaded, Chrome Trim, Bolted Bonnet, Forged Steel, Globe Valve	769.79	52.35
		For Work In Restricted Working Space, Add	*31.38*	

23 05 23 00-0197 Triple Duty Valves *(23 05 23)*

Note: Valves function as a shut-off, check valve and calibrated balancing valve.

23 05 23 00-0198 Straight Pattern, Triple Duty Valves *(23 05 23 00-0197)*

Note: Bell & Gossett 3DX and 3DS-S Series.

23 05 23 00-0199	EA	1" Threaded, Straight Pattern, Triple Duty Valve	306.38	12.08
23 05 23 00-0200	EA	1-1/4" Threaded, Straight Pattern, Triple Duty Valve	354.97	15.31
23 05 23 00-0201	EA	1-1/2" Threaded, Straight Pattern, Triple Duty Valve	385.37	17.72
23 05 23 00-0202	EA	2" Flanged, Straight Pattern, Triple Duty Valve	998.94	153.38
23 05 23 00-0203	EA	2-1/2" Flanged, Straight Pattern, Triple Duty Valve	1,125.07	153.63
23 05 23 00-0204	EA	3" Flanged, Straight Pattern, Triple Duty Valve	1,232.08	180.12
23 05 23 00-0205	EA	4" Flanged, Straight Pattern, Triple Duty Valve	2,521.61	301.96
23 05 23 00-0206	EA	5" Flanged, Straight Pattern Triple Duty Valve	2,956.90	343.46
23 05 23 00-0207	EA	6" Flanged, Straight Pattern, Triple Duty Valve	3,930.13	381.63
23 05 23 00-0208	EA	8" Flanged, Straight Pattern, Triple Duty Valve	5,291.10	487.63
23 05 23 00-0209	EA	10" Flanged, Straight Pattern, Triple Duty Valve	8,479.83	593.64

23 05 23 00-0210 Flanged, Angle Pattern, Triple Duty Valves *(23 05 23 00-0197)*

Note: Bell & Gossett 3D-S Series.

23 05 23 00-0211	EA	2" Flanged, Angle Pattern, Triple Duty Valve	975.74	153.38
23 05 23 00-0212	EA	2-1/2" Flanged, Angle Pattern, Triple Duty Valve	1,097.24	153.63
23 05 23 00-0213	EA	3" Flanged, Angle Pattern, Triple Duty Valve	1,208.89	180.12
23 05 23 00-0214	EA	4" Flanged, Angle Pattern, Triple Duty Valve	2,461.30	301.96
23 05 23 00-0215	EA	5" Flanged, Angle Pattern, Triple Duty Valve	2,882.68	343.46
23 05 23 00-0216	EA	6" Flanged, Angle Pattern, Triple Duty Valve	3,234.28	381.63
23 05 23 00-0217	EA	8" Flanged, Angle Pattern, Triple Duty Valve	4,961.73	487.63
23 05 23 00-0218	EA	10" Flanged, Angle Pattern, Triple Duty Valve	6,628.88	593.64

23 05 23 00-0219 Balanced, Straight Pattern, Triple Duty Valves *(23 05 23 00-0197)*

Note: Bell & Gossett 3DS-B Series.

23 05 23 00-0220	EA	3" Flanged, Balanced, Straight Pattern, Triple Duty Valve	1,130.03	180.12
23 05 23 00-0221	EA	4" Flanged, Balanced, Straight Pattern, Triple Duty Valve	2,252.55	301.96
23 05 23 00-0222	EA	5" Flanged, Balanced, Straight Pattern, Triple Duty Valve	2,646.09	343.46
23 05 23 00-0223	EA	6" Flanged, Balanced, Straight Pattern, Triple Duty Valve	3,507.98	381.63
23 05 23 00-0224	EA	8" Flanged, Balanced, Straight Pattern, Triple Duty Valve	4,715.87	487.63
23 05 23 00-0225	EA	10" Flanged, Balanced, Straight Pattern, Triple Duty Valve	7,519.56	593.64
23 05 23 00-0226	EA	12" Flanged, Balanced, Straight Pattern, Triple Duty Valve	11,309.47	720.84
23 05 23 00-0227	EA	14" Flanged, Balanced, Straight Pattern, Triple Duty Valve	13,744.72	848.04
23 05 23 00-0228	EA	16" Flanged, Balanced, Straight Pattern, Triple Duty Valve	17,213.16	932.86

23 05 23 00-0229 Grooved Straight Pattern, Triple Duty Valves *(23 05 23 00-0197)*

Note: Bell & Gossett 3DS-G Series.

23 05 23 00-0230	EA	2" Grooved, Straight Pattern, Triple Duty Valve	1,062.57	28.42
23 05 23 00-0231	EA	2-1/2" Grooved, Straight Pattern, Triple Duty Valve	1,266.59	33.91
23 05 23 00-0232	EA	3" Grooved, Straight Pattern, Triple Duty Valve	1,474.62	36.76
23 05 23 00-0233	EA	4" Grooved, Straight Pattern, Triple Duty Valve	2,448.92	39.62
23 05 23 00-0234	EA	5" Grooved, Straight Pattern, Triple Duty Valve	2,840.75	54.06
23 05 23 00-0235	EA	6" Grooved, Straight Pattern Triple Duty Valve	3,787.21	69.33
23 05 23 00-0236	EA	8" Grooved, Straight Pattern Triple Duty Valve	5,150.80	87.99
23 05 23 00-0237	EA	10" Grooved, Straight Pattern Triple Duty Valve	8,127.42	98.58
23 05 23 00-0238	EA	12" Grooved, Straight Pattern Triple Duty Valve	12,903.52	120.21

23 05 23 00-0239 Plug Valves *(23 05 23)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0240		**Plug Valves, Lubricated, Semisteel Screwed, Wrench Operated** *(23 05 23 00-0239)*		
		Note: Includes wrench.		
23 05 23 00-0241	EA	1/2" Diameter Plug Valve, Semi-Steel, Screwed Lubricated, 200 PSI, Wrench Operated, With Wrench	295.16	11.51
23 05 23 00-0242	EA	3/4" Diameter Plug Valve, Semi-Steel, Screwed Lubricated, 200 PSI, Wrench Operated, With Wrench	308.06	12.66
23 05 23 00-0243	EA	1" Diameter Plug Valve, Semi-Steel, Screwed Lubricated, 200 PSI, Wrench Operated, With Wrench	389.69	14.38
23 05 23 00-0244	EA	1-1/4" Diameter Plug Valve, Semi-Steel, Screwed Lubricated, 200 PSI, Wrench Operated, With Wrench	466.40	15.31
23 05 23 00-0245	EA	1-1/2" Diameter Plug Valve, Semi-Steel, Screwed Lubricated, 200 PSI, Wrench Operated, With Wrench	512.43	17.72
23 05 23 00-0246	EA	2" Diameter Plug Valve, Semi-Steel, Screwed Lubricated, 200 PSI, Wrench Operated, With Wrench	604.87	20.94
23 05 23 00-0247	EA	2-1/2" Diameter Plug Valve, Semi-Steel, Screwed Lubricated, 200 PSI, Wrench Operated, With Wrench	907.48	28.29
23 05 23 00-0248	EA	3" Diameter Plug Valve, Semi-Steel, Screwed Lubricated, 200 PSI, Wrench Operated, With Wrench	1,110.89	32.84
23 05 23 00-0249		**Plug Valves, Lubricated, Semisteel Flanged** *(23 05 23 00-0239)*		
		Note: Wrench operated for 4", gear operated for 6" and 10".		
23 05 23 00-0250	EA	2" Diameter Plug Valve, Semi-Steel, Flanged, 175 PSI, Wrench Operated, With Wrench	609.09	153.38
23 05 23 00-0251	EA	2-1/2" Diameter Plug Valve, Semi-Steel, Flanged, 175 PSI, Wrench Operated, With Wrench	742.36	153.63
23 05 23 00-0252	EA	3" Diameter Plug Valve, Semi-Steel, Flanged, 175 PSI, Wrench Operated, With Wrench	916.18	180.12
23 05 23 00-0253	EA	4" Diameter Plug Valve, Semi-Steel, Flanged, 175 PSI, Wrench Operated, With Wrench	1,313.80	301.96
23 05 23 00-0254	EA	6" Diameter Plug Valve, Semi-Steel, Flanged, 175 PSI, Wrench Operated, With Wrench	2,974.07	381.63
23 05 23 00-0255	EA	8" Diameter Plug Valve, Semi-Steel, Flanged, 175 PSI, Wrench Operated, With Wrench	5,101.38	487.63
23 05 23 00-0256	EA	10" Diameter Plug Valve, Semi-Steel, Flanged, 175 PSI, Wrench Operated, With Wrench	8,233.80	593.64
23 05 23 00-0257	EA	12" Diameter Plug Valve, Semi-Steel, Flanged, 175 PSI, Wrench Operated, With Wrench	12,270.91	720.84
23 05 23 00-0258		**Plug Valves, Forged Steel, Screwed** *(23 05 23 00-0239)*		
23 05 23 00-0259	EA	1/2" Plug Valve, 1,500 LB, Forged Steel, Screwed	1,140.84	11.51
23 05 23 00-0260	EA	3/4" Plug Valve, 1,500 LB, Forged Steel, Screwed	1,347.66	12.66
23 05 23 00-0261	EA	1" Plug Valve, 1,500 LB, Forged Steel, Screwed	1,523.40	14.38
23 05 23 00-0262	EA	1-1/4" Plug Valve, 1,500 LB, Forged Steel, Screwed	1,827.65	15.31
23 05 23 00-0263	EA	1-1/2" Plug Valve, 1,500 LB, Forged Steel, Screwed	2,128.35	17.72
23 05 23 00-0264	EA	2" Plug Valve, 1,500 LB, Forged Steel, Screwed	2,800.44	20.94
23 05 23 00-0265		**Plug Valves, Eccentric, Cast Iron Flanged** *(23 05 23 00-0239)*		
23 05 23 00-0266	EA	4" Diameter Plug Valve, Eccentric, Cast Iron, Flanged, 175 PSI	1,166.79	301.96
23 05 23 00-0267	EA	6" Diameter Plug Valve, Eccentric, Cast Iron, Flanged, 175 PSI	1,830.61	381.63
23 05 23 00-0268	EA	8" Diameter Plug Valve, Eccentric, Cast Iron, Flanged, 175 PSI	2,490.11	487.63
23 05 23 00-0269	EA	10" Diameter Plug Valve, Eccentric, Cast Iron, Flanged, 175 PSI	3,531.09	593.64
23 05 23 00-0270	EA	12" Diameter Plug Valve, Eccentric, Cast Iron, Flanged, 175 PSI	4,559.56	720.84
23 05 23 00-0271		**Foot Valves** *(23 05 23)*		
23 05 23 00-0272		**Single Poppet Foot Valves, Metal To Metal Seat Construction** *(23 05 23 00-0271)*		
23 05 23 00-0273	EA	1" Single Poppet Foot Valve, Metal To Metal Seat Construction	95.80	28.81
23 05 23 00-0274	EA	1-1/4" Single Poppet Foot Valve, Metal To Metal Seat Construction	109.01	32.26
23 05 23 00-0275	EA	1-1/2" Single Poppet Foot Valve, Metal To Metal Seat Construction	140.09	36.88
23 05 23 00-0276	EA	2" Single Poppet Foot Valve, Metal To Metal Seat Construction	184.78	41.49
23 05 23 00-0277	EA	2-1/2" Single Poppet Foot Valve, Metal To Metal Seat Construction	423.14	67.99
23 05 23 00-0278	EA	3" Single Poppet Foot Valve, Metal To Metal Seat Construction	541.33	82.97
23 05 23 00-0279		**Double Poppet Foot Valves, Metal To Metal Seat Construction** *(23 05 23 00-0271)*		
23 05 23 00-0280	EA	1" Double Poppet Foot Valve, Metal To Metal Seat Construction	95.80	28.81
23 05 23 00-0281	EA	1-1/4" Double Poppet Foot Valve, Metal To Metal Seat Construction	207.12	32.26
23 05 23 00-0282	EA	1-1/2" Double Poppet Foot Valve, Metal To Metal Seat Construction	196.69	36.88
23 05 23 00-0283	EA	2" Double Poppet Foot Valve, Metal To Metal Seat Construction	267.75	41.49
23 05 23 00-0284	EA	3" Double Poppet Foot Valve, Metal To Metal Seat Construction	526.02	67.99
23 05 23 00-0285	EA	4" Double Poppet Foot Valve, Metal To Metal Seat Construction	715.89	81.83
23 05 23 00-0286		**Float Valves** *(23 05 23)*		
23 05 23 00-0287		**Float Valve Assembly For Maintaining Liquid Level In Tanks** *(23 05 23 00-0286)*		
23 05 23 00-0288		**Single Seat, Bronze Construction** *(23 05 23 00-0287)*		
		Note: For storage tanks, reservoirs, cooling towers and filtration plants.		
23 05 23 00-0289	EA	Inlet Size 1/2", Maximum PSI 100, Single Seat Float Valve	225.69	24.17
23 05 23 00-0290	EA	Inlet Size 3/4", Maximum PSI 100, Single Seat Float Valve	258.63	28.77
23 05 23 00-0291	EA	Inlet Size 1", Maximum PSI 100, Single Seat Float Valve	336.08	31.06
23 05 23 00-0292	EA	Inlet Size 1-1/4", Maximum PSI 90, Single Seat Float Valve	561.70	39.12
23 05 23 00-0293	EA	Inlet Size 1-1/2", Maximum PSI 90, Single Seat Float Valve	573.20	44.87
23 05 23 00-0294		**Double Seat, Bronze Construction** *(23 05 23 00-0287)*		
		Note: For hot or cold water or oil to open tanks.		
23 05 23 00-0295	EA	Pipe Size 1/2" Maximum PSI 150, Double Seat Float Valve	1,218.73	24.17
23 05 23 00-0296	EA	Pipe Size 3/4" Maximum PSI 150, Double Seat Float Valve	1,227.94	28.77
23 05 23 00-0297	EA	Pipe Size 1" Maximum PSI 150, Double Seat Float Valve	1,417.60	31.06
23 05 23 00-0298	EA	Pipe Size 1-1/4" Maximum PSI 150, Double Seat Float Valve	1,566.71	39.12
23 05 23 00-0299	EA	Pipe Size 1-1/2" Maximum PSI 150, Double Seat Float Valve	1,791.01	44.87

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0300	EA	Pipe Size 2" Maximum PSI 150, Double Seat Float Valve	2,349.77	52.92
23 05 23 00-0301	EA	Pipe Size 2-1/2" Maximum PSI 150, Double Seat Float Valve	2,731.79	70.99
23 05 23 00-0302	EA	Pipe Size 3" Maximum PSI 150, Double Seat Float Valve	3,286.04	81.58
23 05 23 00-0303		**Float Valve Single Seated Balanced For Air Oil Or Water** *(23 05 23 00-0286)*		
		Note: Includes arm, ball and bracket.		
23 05 23 00-0304		**Brass Body Threaded Ends** *(23 05 23 00-0303)*		
23 05 23 00-0305	EA	1/2" Brass Body, Threaded Ends, Float Valve, Single Seated With Arm Ball And Bracket	237.25	31.18
23 05 23 00-0306	EA	3/4" Brass Body, Threaded Ends, Float Valve, Single Seated With Arm Ball And Bracket	268.25	34.63
23 05 23 00-0307	EA	1" Brass Body, Threaded Ends, Float Valve, Single Seated With Arm Ball And Bracket	332.53	38.31
23 05 23 00-0308	EA	1-1/4" Brass Body, Threaded Ends, Float Valve, Single Seated With Arm Ball And Bracket	531.49	61.90
23 05 23 00-0309	EA	1-1/2" Brass Body, Threaded Ends, Float Valve, Single Seated With Arm Ball And Bracket	556.34	70.53
23 05 23 00-0310	EA	2" Brass Body, Threaded Ends, Float Valve, Single Seated With Arm Ball And Bracket	625.93	87.44
23 05 23 00-0311		**Cast Iron Body Flanged** *(23 05 23 00-0303)*		
23 05 23 00-0312	EA	2-1/2" Cast Iron Body, Flanged, Float Valve, Single Seated With Arm Ball And Bracket	7,672.10	153.63
23 05 23 00-0313	EA	3" Cast Iron Body, Flanged, Float Valve, Single Seated With Arm Ball And Bracket	9,277.01	180.12
23 05 23 00-0314		**Float Operated Valves** *(23 05 23 00-0286)*		
23 05 23 00-0315		**For Condensate Receivers Tanks And Vessels** *(23 05 23 00-0314)*		
		Note: Cast iron body, self-contained, float in-line mount.		
23 05 23 00-0316	EA	1" Inlet, Float Operated Valve, Single Seated With Arm Ball And Bracket	852.78	54.07
23 05 23 00-0317		**For Condensate Receivers Tanks And Vessels** *(23 05 23 00-0314)*		
		Note: Cast iron body, external float tank mount, flanged.		
23 05 23 00-0318	EA	3/4" Inlet, Float Operated Valve, Single Seated With Arm Ball And Bracket	1,071.65	100.65
23 05 23 00-0319		**Needle Valves** *(23 05 23)*		
23 05 23 00-0320		**Bronze Needle Valve** *(23 05 23 00-0319)*		
		Note: For heating and cooling applications.		
23 05 23 00-0321	EA	1/4" Needle Valve, Bronze	117.34	11.51
23 05 23 00-0322	EA	3/8" Needle Valve, Bronze	130.92	11.51
23 05 23 00-0323	EA	1/2" Needle Valve, Bronze	143.26	11.51
23 05 23 00-0324	EA	3/4" Needle Valve, Bronze	217.66	12.66
23 05 23 00-0325	EA	1" Needle Valve, Bronze	334.01	14.38
23 05 23 00-0326		**Eccentric Valves With Taps** *(23 05 23)*		
23 05 23 00-0327		**Screwed Eccentric Valves With Taps** *(23 05 23 00-0326)*		
23 05 23 00-0328	EA	1/2" Diameter Eccentric Valves With Taps, Screwed	533.29	11.51
23 05 23 00-0329	EA	3/4" Diameter Eccentric Valves With Taps, Screwed	553.82	12.66
23 05 23 00-0330	EA	1" Diameter Eccentric Valves With Taps, Screwed	701.76	14.38
23 05 23 00-0331	EA	1-1/4" Diameter Eccentric Valves With Taps, Screwed	847.68	15.31
23 05 23 00-0332	EA	1-1/2" Diameter Eccentric Valves With Taps, Screwed	920.55	17.72
23 05 23 00-0333	EA	2" Diameter Eccentric Valves With Taps, Screwed	1,081.67	20.94
23 05 23 00-0334	EA	2-1/2" Diameter Eccentric Valves With Taps, Screwed	1,652.68	28.29
23 05 23 00-0335	EA	3" Diameter Eccentric Valves With Taps, Screwed	2,017.91	32.84
23 05 23 00-0336		**Flanged Eccentric Valves With Taps** *(23 05 23 00-0326)*		
23 05 23 00-0337	EA	2-1/2" Diameter Eccentric Valves With Taps, Flanged	1,986.48	153.63
23 05 23 00-0338	EA	3" Diameter Eccentric Valves With Taps, Flanged	2,362.77	180.12
23 05 23 00-0339	EA	4" Diameter Eccentric Valves With Taps, Flanged	3,088.25	301.96
23 05 23 00-0340	EA	5" Diameter Eccentric Valves With Taps, Flanged	4,245.35	343.46
23 05 23 00-0341	EA	6" Diameter Eccentric Valves With Taps, Flanged	5,440.42	381.63
23 05 23 00-0342	EA	8" Diameter Eccentric Valves With Taps, Flanged	9,574.95	487.63
23 05 23 00-0343	EA	10" Diameter Eccentric Valves With Taps, Flanged	13,527.92	593.64
23 05 23 00-0344	EA	12" Diameter Eccentric Valves With Taps, Flanged	23,608.69	720.84
23 05 23 00-0345		**Check Valves** *(23 05 23)*		
23 05 23 00-0346		**Iron Body Wafer Type Check Valve** *(23 05 23 00-0345)*		
23 05 23 00-0347		**Single Disk Type** *(23 05 23 00-0346)*		
23 05 23 00-0348	EA	2" Check Valve, Single Disc Type, Iron Body Wafer Type, 125 LB	475.58	153.62
		For 150 LB Rating, Add	*59.54*	
		For 200 LB Rating, Add	*70.88*	
		For 300 LB Rating, Add	*85.05*	
		For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	*165.99*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0349	EA	2-1/2" Check Valve, Single Disc Type, Iron Body Wafer Type, 125 LB	564.42	153.91
		For 150 LB Rating, Add	*78.00*	
		For 200 LB Rating, Add	*92.86*	
		For 300 LB Rating, Add	*111.43*	
		For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	*205.74*	
23 05 23 00-0350	EA	3" Check Valve, Single Disc Type, Iron Body Wafer Type, 125 LB	695.32	180.44
		For 150 LB Rating, Add	*98.60*	
		For 200 LB Rating, Add	*117.38*	
		For 300 LB Rating, Add	*140.85*	
		For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	*256.44*	
23 05 23 00-0351	EA	4" Check Valve, Single Disc Type, Iron Body Wafer Type, 125 LB	1,014.97	302.50
		For 150 LB Rating, Add	*133.54*	
		For 200 LB Rating, Add	*158.98*	
		For 300 LB Rating, Add	*190.77*	
		For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	*361.97*	
23 05 23 00-0352	EA	6" Check Valve, Single Disc Type, Iron Body Wafer Type, 125 LB	1,526.73	424.56
		For 150 LB Rating, Add	*209.17*	
		For 200 LB Rating, Add	*249.01*	
		For 300 LB Rating, Add	*298.81*	
		For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	*554.36*	
23 05 23 00-0353	EA	8" Check Valve, Single Disc Type, Iron Body Wafer Type, 125 LB	2,136.63	488.24
		For 150 LB Rating, Add	*320.99*	
		For 200 LB Rating, Add	*382.14*	
		For 300 LB Rating, Add	*458.56*	
		For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	*809.46*	
23 05 23 00-0354	EA	10" Check Valve, Single Disc Type, Iron Body Wafer Type, 125 LB	3,189.79	594.38
		For 150 LB Rating, Add	*512.69*	
		For 200 LB Rating, Add	*610.35*	
		For 300 LB Rating, Add	*732.41*	
		For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	*1,248.30*	
23 05 23 00-0355		**Twin Disc Type** *(23 05 23 00-0346)*		
23 05 23 00-0356	EA	2" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 LB	648.97	153.62
		For 150 LB Rating, Add	*95.95*	
		For 200 LB Rating, Add	*114.22*	
		For 300 LB Rating, Add	*137.07*	
		For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	*244.02*	
23 05 23 00-0357	EA	2-1/2" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 LB	741.30	153.91
		For 150 LB Rating, Add	*115.15*	
		For 200 LB Rating, Add	*137.08*	
		For 300 LB Rating, Add	*164.50*	
		For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	*285.34*	
23 05 23 00-0358	EA	3" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 LB	865.58	180.44
		For 150 LB Rating, Add	*134.35*	
		For 200 LB Rating, Add	*159.94*	
		For 300 LB Rating, Add	*191.93*	
		For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	*333.06*	
23 05 23 00-0359	EA	4" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 LB	1,191.52	302.50
		For 150 LB Rating, Add	*170.61*	
		For 200 LB Rating, Add	*203.11*	
		For 300 LB Rating, Add	*243.74*	
		For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	*441.42*	
23 05 23 00-0360	EA	6" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 LB	1,840.79	424.56
		For 150 LB Rating, Add	*275.12*	
		For 200 LB Rating, Add	*327.53*	
		For 300 LB Rating, Add	*393.03*	
		For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	*695.68*	
23 05 23 00-0361	EA	8" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 LB	2,607.26	488.24
		For 150 LB Rating, Add	*420.16*	
		For 200 LB Rating, Add	*500.19*	
		For 300 LB Rating, Add	*600.23*	
		For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	*1,021.64*	
23 05 23 00-0362	EA	10" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 LB	3,911.85	583.76
		For 150 LB Rating, Add	*665.40*	
		For 200 LB Rating, Add	*792.15*	
		For 300 LB Rating, Add	*950.57*	
		For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	*1,574.52*	
23 05 23 00-0363	EA	12" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 LB	5,144.70	721.74
		For 150 LB Rating, Add	*891.49*	
		For 200 LB Rating, Add	*1,061.30*	
		For 300 LB Rating, Add	*1,273.56*	
		For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	*2,090.24*	
23 05 23 00-0364	EA	14" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 LB	9,769.25	852.59
		For 150 LB Rating, Add	*1,812.82*	
		For 200 LB Rating, Add	*2,158.12*	
		For 300 LB Rating, Add	*2,589.74*	
		For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	*4,111.97*	
23 05 23 00-0365	EA	16" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 LB	13,437.49	1,000.38
		For 150 LB Rating, Add	*2,559.27*	
		For 200 LB Rating, Add	*3,046.76*	
		For 300 LB Rating, Add	*3,656.11*	
		For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	*5,734.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0366	EA	18" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 LB	17,936.28	1,114.06
		For 150 LB Rating, Add	*3,474.84*	
		For 200 LB Rating, Add	*4,136.72*	
		For 300 LB Rating, Add	*4,964.06*	
		For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	*7,723.97*	
23 05 23 00-0367	EA	20" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 LB	21,351.09	1,250.47
		For 150 LB Rating, Add	*4,155.48*	
		For 200 LB Rating, Add	*4,947.00*	
		For 300 LB Rating, Add	*5,936.40*	
		For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	*9,217.22*	
23 05 23 00-0368	EA	24" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 LB	27,924.54	1,534.67
		For 150 LB Rating, Add	*5,460.16*	
		For 200 LB Rating, Add	*6,500.19*	
		For 300 LB Rating, Add	*7,800.23*	
		For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	*12,085.10*	

23 05 23 00-0369 Bronze Body Swing Check Valves *(23 05 23 00-0345)*

23 05 23 00-0370 Bronze Body, Threaded, Brazed Or Soldered Installation, 125 LB, Swing Check Valves *(23 05 23 00-0369)*

23 05 23 00-0371	EA	1/8" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 LB	81.99	11.51
		For 300 LB Rating, Add	*17.50*	
		For Work In Restricted Working Space, Add	*11.14*	
23 05 23 00-0372	EA	1/4" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 LB	78.37	11.51
		For 300 LB Rating, Add	*17.50*	
		For Work In Restricted Working Space, Add	*10.05*	
23 05 23 00-0373	EA	3/8" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 LB	80.13	11.51
		For 300 LB Rating, Add	*17.50*	
		For Work In Restricted Working Space, Add	*10.58*	
23 05 23 00-0374	EA	1/2" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 LB	83.74	11.51
		For 300 LB Rating, Add	*18.18*	
		For Work In Restricted Working Space, Add	*11.14*	
23 05 23 00-0375	EA	3/4" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 LB	106.51	12.08
		For 300 LB Rating, Add	*22.03*	
		For Work In Restricted Working Space, Add	*15.01*	
23 05 23 00-0376	EA	1" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 LB	137.27	12.08
		For 300 LB Rating, Add	*29.92*	
		For Work In Restricted Working Space, Add	*18.17*	
23 05 23 00-0377	EA	1-1/4" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 LB	184.38	15.31
		For 300 LB Rating, Add	*41.99*	
		For Work In Restricted Working Space, Add	*23.01*	
23 05 23 00-0378	EA	1-1/2" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 LB	239.29	17.72
		For 300 LB Rating, Add	*58.80*	
		For Work In Restricted Working Space, Add	*26.55*	
23 05 23 00-0379	EA	2" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 LB	298.46	20.94
		For 300 LB Rating, Add	*75.61*	
		For Work In Restricted Working Space, Add	*31.38*	
23 05 23 00-0380	EA	2-1/2" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 LB	586.92	28.29
		For 300 LB Rating, Add	*173.80*	
		For Work In Restricted Working Space, Add	*42.38*	
23 05 23 00-0381	EA	3" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 LB	796.82	32.84
		For 300 LB Rating, Add	*247.19*	
		For Work In Restricted Working Space, Add	*48.90*	
23 05 23 00-0382	EA	4" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 LB	902.66	37.08
		For 300 LB Rating, Add	*279.72*	
		For Work In Restricted Working Space, Add	*55.63*	

23 05 23 00-0383 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves *(23 05 23 00-0345)*

23 05 23 00-0384	EA	1" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves	520.26	86.29
		For 150 LB Rating, Add	*279.96*	
		For 250 LB Rating, Add	*535.22*	
		For Work In Restricted Working Space, Add	*32.57*	
23 05 23 00-0385	EA	1-1/4" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves	578.64	100.67
		For 150 LB Rating, Add	*308.43*	
		For 250 LB Rating, Add	*589.65*	
		For Work In Restricted Working Space, Add	*37.52*	
23 05 23 00-0386	EA	1-1/2" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves	643.35	120.81
		For 150 LB Rating, Add	*334.53*	
		For 250 LB Rating, Add	*639.55*	
		For Work In Restricted Working Space, Add	*45.42*	
23 05 23 00-0387	EA	2" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves	802.77	153.38
		For 150 LB Rating, Add	*415.49*	
		For 250 LB Rating, Add	*794.31*	
		For Work In Restricted Working Space, Add	*57.53*	
23 05 23 00-0388	EA	2-1/2" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves	905.72	153.63
		For 150 LB Rating, Add	*484.89*	
		For 250 LB Rating, Add	*927.00*	
		For Work In Restricted Working Space, Add	*57.79*	
23 05 23 00-0389	EA	3" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves	1,000.34	180.12
		For 150 LB Rating, Add	*526.94*	
		For 250 LB Rating, Add	*1,007.38*	
		For Work In Restricted Working Space, Add	*67.63*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0390	EA	4" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves	1,575.98	301.96
		For 150 LB Rating, Add	*814.35*	
		For 250 LB Rating, Add	*1,556.84*	
		For Work In Restricted Working Space, Add	*113.52*	
23 05 23 00-0391	EA	5" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves	2,186.94	343.46
		For 150 LB Rating, Add	*1,195.62*	
		For 250 LB Rating, Add	*2,285.75*	
		For Work In Restricted Working Space, Add	*128.60*	
23 05 23 00-0392	EA	6" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves	2,517.37	381.63
		For 150 LB Rating, Add	*1,386.27*	
		For 250 LB Rating, Add	*2,650.22*	
		For Work In Restricted Working Space, Add	*143.62*	
23 05 23 00-0393	EA	8" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves	5,695.46	487.63
		For 150 LB Rating, Add	*3,461.00*	
		For 250 LB Rating, Add	*6,616.62*	
		For Work In Restricted Working Space, Add	*181.73*	
23 05 23 00-0394	EA	10" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves	7,670.22	593.64
		For 150 LB Rating, Add	*4,711.16*	
		For 250 LB Rating, Add	*9,006.63*	
		For Work In Restricted Working Space, Add	*222.61*	
23 05 23 00-0395	EA	12" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves	11,703.61	720.84
		For 150 LB Rating, Add	*7,346.84*	
		For 250 LB Rating, Add	*14,045.42*	
		For Work In Restricted Working Space, Add	*269.83*	
23 05 23 00-0396	EA	14" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves	13,508.55	1,021.40
		For 150 LB Rating, Add	*8,317.62*	
		For 250 LB Rating, Add	*15,901.34*	
		For Work In Restricted Working Space, Add	*383.03*	
23 05 23 00-0397	EA	16" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves	19,219.96	1,123.54
		For 150 LB Rating, Add	*12,114.56*	
		For 250 LB Rating, Add	*23,160.19*	
		For Work In Restricted Working Space, Add	*421.33*	
23 05 23 00-0398	EA	18" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves	29,558.64	1,246.10
		For 150 LB Rating, Add	*19,040.69*	
		For 250 LB Rating, Add	*36,401.31*	
		For Work In Restricted Working Space, Add	*467.29*	
23 05 23 00-0399	EA	20" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves	40,728.24	1,404.43
		For 150 LB Rating, Add	*26,501.44*	
		For 250 LB Rating, Add	*50,664.52*	
		For Work In Restricted Working Space, Add	*526.66*	
23 05 23 00-0400	EA	24" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves	56,713.86	1,723.62
		For 150 LB Rating, Add	*37,100.36*	
		For 250 LB Rating, Add	*70,927.16*	
		For Work In Restricted Working Space, Add	*646.35*	

23 05 23 00-0401 Class 800 Forged Steel, Screwed, Chrome Trim, Bolted Bonnet, Piston Check, Swing Check Valves *(23 05 23 00-0345)*

Note: 800 PSIG at 850 Degrees F.

23 05 23 00-0402	EA	1/2" Class 800, Threaded, Forged Steel Swing Check Valve	192.49	11.51
		For Work In Restricted Working Space, Add	*11.14*	
23 05 23 00-0403	EA	3/4" 800, Threaded, Forged Steel Swing Check Valve	226.43	12.66
		For Work In Restricted Working Space, Add	*15.01*	
23 05 23 00-0404	EA	1" Class 800, Threaded, Forged Steel Swing Check Valve	267.72	14.38
		For Work In Restricted Working Space, Add	*18.17*	
23 05 23 00-0405	EA	1-1/4" Class 800, Threaded, Forged Steel Swing Check Valve	415.51	15.31
		For Work In Restricted Working Space, Add	*23.01*	
23 05 23 00-0406	EA	1-1/2" 800, Threaded, Forged Steel Swing Check Valve	493.13	17.72
		For Work In Restricted Working Space, Add	*26.55*	
23 05 23 00-0407	EA	2" Class 800, Threaded, Forged Steel Swing Check Valve	667.83	20.94
		For Work In Restricted Working Space, Add	*31.38*	

23 05 23 00-0408 Plastic Check Valve *(23 05 23 00-0345)*

23 05 23 00-0409 Swing Check Valves, 150 LB Polyvinyl Chloride (PVC) Socket Weld End Connections *(23 05 23 00-0408)*

23 05 23 00-0410	EA	1/2" Check Valve, Duplex Polyvinyl Chloride (PVC), Socket Weld, 150 LB	83.71	11.51
		For Work In Restricted Working Space, Add	*11.14*	
23 05 23 00-0411	EA	3/4" Check Valve, Duplex Polyvinyl Chloride (PVC), Socket Weld, 150 LB	96.61	12.66
		For Work In Restricted Working Space, Add	*15.01*	
23 05 23 00-0412	EA	1" Check Valve, Duplex Polyvinyl Chloride (PVC), Socket Weld, 150 LB	108.98	14.38
		For Work In Restricted Working Space, Add	*18.17*	
23 05 23 00-0413	EA	1-1/4" Check Valve, Duplex Polyvinyl Chloride (PVC), Socket Weld, 150 LB	127.14	15.31
		For Work In Restricted Working Space, Add	*23.01*	
23 05 23 00-0414	EA	1-1/2" Check Valve, Duplex Polyvinyl Chloride (PVC), Socket Weld, 150 LB	141.86	17.72
		For Work In Restricted Working Space, Add	*26.55*	
23 05 23 00-0415	EA	2" Check Valve, Duplex Polyvinyl Chloride (PVC), Socket Weld, 150 LB	187.54	20.94
		For Work In Restricted Working Space, Add	*31.38*	
23 05 23 00-0416	EA	2-1/2" Check Valve, Duplex Polyvinyl Chloride (PVC), Socket Weld, 150 LB	259.35	28.29
		For Work In Restricted Working Space, Add	*42.38*	
23 05 23 00-0417	EA	3" Check Valve, Duplex Polyvinyl Chloride (PVC), Socket Weld, 150 LB	316.23	32.84
		For Work In Restricted Working Space, Add	*48.90*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0418		**Diaphragm Valves** *(23 05 23)*		
23 05 23 00-0419		**Polytetrafluoroethylene (PTFE) Or Viton Lined, Threaded Cast Iron Diaphragm Valves** *(23 05 23 00-0418)*		
23 05 23 00-0420	EA	1/2" Diaphragm Valve, Cast Iron, 150 LB, Threaded, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated	284.50	34.43
23 05 23 00-0421	EA	3/4" Diaphragm Valve, Cast Iron, 150 LB, Threaded, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated	365.77	38.14
23 05 23 00-0422	EA	1" Diaphragm Valve, Cast Iron, 150 LB, Threaded, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated	395.58	47.15
23 05 23 00-0423	EA	1-1/2" Diaphragm Valve, Cast Iron, 150 LB, Threaded, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated	628.76	70.46
23 05 23 00-0424	EA	2" Diaphragm Valve, Cast Iron, 150 LB, Threaded, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated	1,017.50	84.76
23 05 23 00-0425		**Polytetrafluoroethylene (PTFE) Or Viton Lined, Flanged Cast Iron Diaphragm Valves** *(23 05 23 00-0418)*		
23 05 23 00-0426	EA	1/2" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated	375.21	55.23
23 05 23 00-0427	EA	3/4" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated	439.04	57.53
23 05 23 00-0428	EA	1" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated	515.52	86.29
23 05 23 00-0429	EA	1-1/2" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated	784.43	120.81
23 05 23 00-0430	EA	2" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated	1,264.09	153.38
23 05 23 00-0431	EA	2-1/2" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated	1,631.60	153.63
23 05 23 00-0432	EA	3" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated	2,030.94	180.12
23 05 23 00-0433	EA	4" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated	2,856.95	301.96
23 05 23 00-0434	EA	6" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated	6,031.57	381.63
23 05 23 00-0435	EA	8" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated	9,411.18	487.63
23 05 23 00-0436		**Ethylene Propylene Diene Monomer (EPDM) Lined, Threaded Cast Iron Diaphragm Valves** *(23 05 23 00-0418)*		
23 05 23 00-0437	EA	1/2" Diaphragm Valve, Cast Iron, 150 LB, Threaded, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated	172.23	34.43
23 05 23 00-0438	EA	3/4" Diaphragm Valve, Cast Iron, 150 LB, Threaded, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated	226.89	38.14
23 05 23 00-0439	EA	1" Diaphragm Valve, Cast Iron, 150 LB, Threaded, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated	256.70	47.15
23 05 23 00-0440	EA	1-1/2" Diaphragm Valve, Cast Iron, 150 LB, Threaded, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated	439.64	70.46
23 05 23 00-0441	EA	2" Diaphragm Valve, Cast Iron, 150 LB, Threaded, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated	577.23	84.76
23 05 23 00-0442		**Ethylene Propylene Diene Monomer (EPDM) Lined, Flanged Cast Iron Diaphragm Valves** *(23 05 23 00-0418)*		
23 05 23 00-0443	EA	1/2" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated	246.68	55.23
23 05 23 00-0444	EA	3/4" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated	287.26	57.53
23 05 23 00-0445	EA	1" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated	363.72	86.29
23 05 23 00-0446	EA	1-1/2" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated	577.74	120.81
23 05 23 00-0447	EA	2" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated	782.82	153.38
23 05 23 00-0448	EA	2-1/2" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated	963.26	153.63
23 05 23 00-0449	EA	3" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated	1,175.03	180.12
23 05 23 00-0450	EA	4" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated	1,848.02	301.96
23 05 23 00-0451	EA	6" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated	3,771.21	381.63
23 05 23 00-0452	EA	8" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated	5,826.05	487.63
23 05 23 00-0453		**125 LB, Hand Wheel Operated, Flanged Cast Iron Diaphragm Valves** *(23 05 23 00-0418)*		
23 05 23 00-0454	EA	1" Diaphragm Valve, Cast Iron, 125 LB, Flanged	469.80	86.29
23 05 23 00-0455	EA	1-1/2" Diaphragm Valve, Cast Iron, 125 LB, Flanged	767.64	120.81

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0456	EA	2" Diaphragm Valve, Cast Iron, 125 LB, Flanged	1,036.43	153.38
23 05 23 00-0457	EA	2-1/2" Diaphragm Valve, Cast Iron, 125 LB, Flanged	1,510.10	153.63
23 05 23 00-0458	EA	3" Diaphragm Valve, Cast Iron, 125 LB, Flanged	1,665.06	180.12
23 05 23 00-0459	EA	4" Diaphragm Valve, Cast Iron, 125 LB, Flanged	2,604.27	301.96
23 05 23 00-0460	EA	6" Diaphragm Valve, Cast Iron, 125 LB, Flanged	5,312.94	381.63
23 05 23 00-0461	EA	8" Diaphragm Valve, Cast Iron, 125 LB, Flanged	11,134.69	487.63

23 05 23 00-0462 Solenoid Valves *(23 05 23)*

23 05 23 00-0463 Bronze Body Solenoid Valves, 150 PSI Maximum Water Pressure *(23 05 23 00-0462)*

23 05 23 00-0464	EA	1/4" Solenoid Valve, Bronze, 150 PSI, Water	135.41	11.51
23 05 23 00-0465	EA	1/2" Solenoid Valve, Bronze, 150 PSI, Water	157.28	11.51
23 05 23 00-0466	EA	3/4" Solenoid Valve, Bronze, 150 PSI, Water	201.13	12.66
23 05 23 00-0467	EA	1" Solenoid Valve, Bronze, 150 PSI, Water	297.24	14.38
23 05 23 00-0468	EA	1-1/2" Solenoid Valve, Bronze, 150 PSI, Water	525.45	17.72
23 05 23 00-0469	EA	2" Solenoid Valve, Bronze, 150 PSI, Water	825.00	20.94
23 05 23 00-0470	EA	2-1/2" Solenoid Valve, Bronze, 150 PSI, Water	1,123.77	28.29
23 05 23 00-0471	EA	3" Solenoid Valve, Bronze, 150 PSI, Water	1,632.96	32.84

23 05 23 00-0472 Flow Control Valves And Meters *(23 05 23)*

23 05 23 00-0473 Conditioned Water Balancing Valves *(23 05 23 00-0472)*

Note: Working pressures up to 300 PSIG. Iron and bronze body construction (combination balancing, flow measuring and shut-off). Excludes portable read-out meter.

23 05 23 00-0474	EA	1/2" NPT Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	172.15	58.78
23 05 23 00-0475	EA	3/4" NPT Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	205.86	78.37
23 05 23 00-0476	EA	1" NPT Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	1,356.06	89.54
23 05 23 00-0477	EA	1-1/4" NPT Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	1,459.11	110.64
23 05 23 00-0478	EA	1-1/2" NPT Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	1,562.38	117.55
23 05 23 00-0479	EA	2" NPT Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	1,670.73	134.38
23 05 23 00-0480	EA	2-1/2" NPT Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	2,967.04	233.93
23 05 23 00-0481	EA	3" NPT Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	2,857.77	267.36
23 05 23 00-0482	EA	3" Flanged Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	2,575.30	180.44
23 05 23 00-0483	EA	4" Flanged Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	3,575.71	302.50
23 05 23 00-0484	EA	6" Flanged Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	5,575.54	382.10
23 05 23 00-0485	EA	8" Flanged Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	7,521.69	488.24
23 05 23 00-0486	EA	10" Flanged Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	10,740.40	594.38

23 05 23 00-0487 Read Out Meters *(23 05 23 00-0472)*

Note: For use with conditioned portable water balancing valves.

23 05 23 00-0488	EA	0.5 - 25% Accuracy Read Out Meter For Use With Portable Water Balancing Valve	1,338.74	
23 05 23 00-0489	EA	0.5 - 50% Accuracy Read Out Meter For Use With Portable Water Balancing Valve	1,811.71	
23 05 23 00-0490	EA	0.5 - 75% Accuracy Read Out Meter For Use With Portable Water Balancing Valve	1,811.71	
23 05 23 00-0491	EA	0.5 - 100% Accuracy Read Out Meter For Use With Portable Water Balancing Valve	1,811.71	

23 05 23 00-0492 Butterfly Valves *(23 05 23)*

23 05 23 00-0493 Cast Iron Body, Iron Disc, 150 PSI, Wafer Type, Butterfly Valves *(23 05 23 00-0492)*

Note: With on-off handle

23 05 23 00-0494	EA	2" Butterfly Valve, Cast Iron, With Iron Disc, On Off Handle, 150 PSI Wafer Type	429.38	153.38
		For 200 PSI, Add	*114.06*	
		For Work In Restricted Working Space, Add	*57.53*	
23 05 23 00-0495	EA	2-1/2" Butterfly Valve, Cast Iron, With Iron Disc, On Off Handle, 150 PSI Wafer Type	444.07	153.63
		For 200 PSI, Add	*120.69*	
		For Work In Restricted Working Space, Add	*57.79*	
23 05 23 00-0496	EA	3" Butterfly Valve, Cast Iron, With Iron Disc, On Off Handle, 150 PSI Wafer Type	496.20	180.12
		For 200 PSI, Add	*129.97*	
		For Work In Restricted Working Space, Add	*67.63*	
23 05 23 00-0497	EA	4" Butterfly Valve, Cast Iron, With Iron Disc, On Off Handle, 150 PSI Wafer Type	718.26	301.96
		For 200 PSI, Add	*163.13*	
		For Work In Restricted Working Space, Add	*113.52*	
23 05 23 00-0498	EA	5" Butterfly Valve, Cast Iron, With Iron Disc, On Off Handle, 150 PSI Wafer Type	962.26	381.63
		For 200 PSI, Add	*232.09*	
		For Work In Restricted Working Space, Add	*143.62*	
23 05 23 00-0499	EA	6" Butterfly Valve, Cast Iron, With Iron Disc, On Off Handle, 150 PSI Wafer Type	1,121.31	424.02
		For 200 PSI, Add	*283.81*	
		For Work In Restricted Working Space, Add	*159.01*	
23 05 23 00-0500	EA	8" Butterfly Valve, Cast Iron, With Iron Disc, On Off Handle, 150 PSI Wafer Type	1,495.44	487.63
		For 200 PSI, Add	*427.05*	
		For Work In Restricted Working Space, Add	*181.73*	
23 05 23 00-0501	EA	10" Butterfly Valve, Cast Iron, With Iron Disc, On Off Handle, 150 PSI Wafer Type	2,466.15	593.64
		For 200 PSI, Add	*827.57*	
		For Work In Restricted Working Space, Add	*222.61*	
23 05 23 00-0502	EA	12" Butterfly Valve, Cast Iron, With Iron Disc, On Off Handle, 150 PSI Wafer Type	3,096.02	720.84
		For 200 PSI, Add	*1,054.36*	
		For Work In Restricted Working Space, Add	*269.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0503		Cast Iron Body, Bronze Disc, Gear Operated, 200 LB, Lug Type, Butterfly Valves *(23 05 23 00-0492)*		
23 05 23 00-0504	EA	2" Cast Iron Body, Bronze Disc, Gear Operated, 200 LB, Lug Type, Butterfly Valve	843.83	153.38
		For Work In Restricted Working Space, Add	*57.53*	
23 05 23 00-0505	EA	2-1/2" Cast Iron Body, Bronze Disc, Gear Operated, 200 LB, Lug Type, Butterfly Valve	850.23	153.63
		For Work In Restricted Working Space, Add	*57.79*	
23 05 23 00-0506	EA	3" Cast Iron Body, Bronze Disc, Gear Operated, 200 LB, Lug Type, Butterfly Valve	916.18	180.12
		For Work In Restricted Working Space, Add	*67.63*	
23 05 23 00-0507	EA	4" Cast Iron Body, Bronze Disc, Gear Operated, 200 LB, Lug Type, Butterfly Valve	1,157.58	301.96
		For Work In Restricted Working Space, Add	*113.52*	
23 05 23 00-0508	EA	5" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 200 PSI	1,448.55	381.63
		For Work In Restricted Working Space, Add	*143.62*	
23 05 23 00-0509	EA	6" Cast Iron Body, Bronze Disc, Gear Operated, 200 LB, Lug Type, Butterfly Valve	1,604.68	424.02
		For Work In Restricted Working Space, Add	*159.01*	
23 05 23 00-0510	EA	8" Cast Iron Body, Bronze Disc, Gear Operated, 200 LB, Lug Type, Butterfly Valve	1,998.30	487.63
		For Work In Restricted Working Space, Add	*181.73*	
23 05 23 00-0511	EA	10" Cast Iron Body, Bronze Disc, Gear Operated, 200 LB, Lug Type, Butterfly Valve	2,540.75	593.64
		For Work In Restricted Working Space, Add	*222.61*	
23 05 23 00-0512	EA	12" Cast Iron Body, Bronze Disc, Gear Operated, 200 LB, Lug Type, Butterfly Valve	3,513.24	720.84
		For Work In Restricted Working Space, Add	*269.83*	
23 05 23 00-0513		Cast Iron Body, Bronze Disc, Gear Operated, 150 LB, Lug Type, Butterfly Valves *(23 05 23 00-0492)*		
23 05 23 00-0514	EA	14" Cast Iron Body, Bronze Disc, Gear Operated, 150 LB, Lug Type, Butterfly Valve	5,942.69	957.56
		For 200 PSI, Add	*1,679.74*	
		For Work In Restricted Working Space, Add	*383.03*	
23 05 23 00-0515	EA	16" Cast Iron Body, Bronze Disc, Gear Operated, 150 LB, Lug Type, Butterfly Valve	7,673.05	1,123.54
		For 200 PSI, Add	*2,256.70*	
		For Work In Restricted Working Space, Add	*421.33*	
23 05 23 00-0516	EA	18" Cast Iron Body, Bronze Disc, Gear Operated, 150 LB, Lug Type, Butterfly Valve	10,874.08	1,251.22
		For 200 PSI, Add	*3,352.90*	
		For Work In Restricted Working Space, Add	*468.14*	
23 05 23 00-0517	EA	20" Cast Iron Body, Bronze Disc, Gear Operated, 150 LB, Lug Type, Butterfly Valve	14,073.91	1,404.43
		For 200 PSI, Add	*4,434.62*	
		For Work In Restricted Working Space, Add	*526.66*	
23 05 23 00-0518	EA	24" Cast Iron Body, Bronze Disc, Gear Operated, 150 LB, Lug Type, Butterfly Valve	18,980.42	1,723.62
		For 200 PSI, Add	*6,055.11*	
		For Work In Restricted Working Space, Add	*648.20*	
23 05 23 00-0519	EA	30" Cast Iron Body, Bronze Disc, Gear Operated, 150 LB, Lug Type, Butterfly Valve	39,579.14	2,729.70
		For 200 PSI, Add	*12,997.79*	
		For Work In Restricted Working Space, Add	*1,042.25*	
23 05 23 00-0520	EA	36" Cast Iron Body, Bronze Disc, Gear Operated, 150 LB, Lug Type, Butterfly Valve	50,216.50	3,722.31
		For 200 PSI, Add	*16,514.57*	
		For Work In Restricted Working Space, Add	*1,302.81*	

23 05 29 Hangers and Supports for HVAC Piping and Equipment *(23 05)*

23 05 29 00-0001 Hangers And Supports *(23 05 29)*

23 05 29 00-0002 Clevis Hangers *(23 05 29 00-0001)*

23 05 29 00-0003 Steel Clevis Hanger (Cooper B-Line B3100) *(23 05 29 00-0002)*

Note: Type 1.

23 05 29 00-0004	EA	1/2" Steel Clevis Hanger (Cooper B-Line B3100)	21.03	9.54
		For Work In Restricted Working Space, Add	*5.72*	
23 05 29 00-0005	EA	3/4" Steel Clevis Hanger (Cooper B-Line B3100)	23.15	10.60
		For Work In Restricted Working Space, Add	*6.36*	
23 05 29 00-0006	EA	1" Steel Clevis Hanger (Cooper B-Line B3100)	24.33	10.60
		For Work In Restricted Working Space, Add	*6.69*	
23 05 29 00-0007	EA	1-1/4" Steel Clevis Hanger (Cooper B-Line B3100)	25.25	11.46
		For Work In Restricted Working Space, Add	*6.88*	
23 05 29 00-0008	EA	1-1/2" Steel Clevis Hanger (Cooper B-Line B3100)	25.51	11.46
		For Work In Restricted Working Space, Add	*6.88*	
23 05 29 00-0009	EA	2" Steel Clevis Hanger (Cooper B-Line B3100)	26.63	11.66
		For Work In Restricted Working Space, Add	*7.06*	
23 05 29 00-0010	EA	2-1/2" Steel Clevis Hanger (Cooper B-Line B3100)	29.24	12.08
		For Work In Restricted Working Space, Add	*7.27*	
23 05 29 00-0011	EA	3" Steel Clevis Hanger (Cooper B-Line B3100)	31.23	12.71
		For Work In Restricted Working Space, Add	*7.48*	
23 05 29 00-0012	EA	3-1/2" Steel Clevis Hanger (Cooper B-Line B3100)	32.64	13.96
		For Work In Restricted Working Space, Add	*7.98*	
23 05 29 00-0013	EA	4" Steel Clevis Hanger (Cooper B-Line B3100)	35.85	14.83
		For Work In Restricted Working Space, Add	*8.48*	
23 05 29 00-0014	EA	5" Steel Clevis Hanger (Cooper B-Line B3100)	45.99	17.75
		For Work In Restricted Working Space, Add	*10.65*	
23 05 29 00-0015	EA	6" Steel Clevis Hanger (Cooper B-Line B3100)	55.35	21.19
		For Work In Restricted Working Space, Add	*12.71*	
23 05 29 00-0016	EA	8" Steel Clevis Hanger (Cooper B-Line B3100)	74.46	26.49
		For Work In Restricted Working Space, Add	*15.89*	
23 05 29 00-0017	EA	10" Steel Clevis Hanger (Cooper B-Line B3100)	108.91	36.03
		For Work In Restricted Working Space, Add	*21.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0018	EA	12" Steel Clevis Hanger (Cooper B-Line B3100)	127.70	39.73
		For Work In Restricted Working Space, Add	*23.84*	
23 05 29 00-0019	EA	14" Steel Clevis Hanger (Cooper B-Line B3100)	159.06	44.50
		For Work In Restricted Working Space, Add	*27.34*	
23 05 29 00-0020	EA	16" Steel Clevis Hanger (Cooper B-Line B3100)	198.17	52.98
		For Work In Restricted Working Space, Add	*31.79*	
23 05 29 00-0021	EA	18" Steel Clevis Hanger (Cooper B-Line B3100)	246.99	66.22
		For Work In Restricted Working Space, Add	*39.74*	
23 05 29 00-0022	EA	20" Steel Clevis Hanger (Cooper B-Line B3100)	399.62	79.47
		For Work In Restricted Working Space, Add	*47.68*	
23 05 29 00-0023	EA	24" Steel Clevis Hanger (Cooper B-Line B3100)	610.58	92.71
		For Work In Restricted Working Space, Add	*55.63*	

23 05 29 00-0024 Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C) *(23 05 29 00-0002)*

23 05 29 00-0025	EA	1/2" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C)	26.22	9.54
		For Work In Restricted Working Space, Add	*5.72*	
23 05 29 00-0026	EA	3/4" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C)	28.34	10.60
		For Work In Restricted Working Space, Add	*6.36*	
23 05 29 00-0027	EA	1" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C)	29.63	10.60
		For Work In Restricted Working Space, Add	*6.69*	
23 05 29 00-0028	EA	1-1/4" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C)	30.67	11.46
		For Work In Restricted Working Space, Add	*6.88*	
23 05 29 00-0029	EA	1-1/2" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C)	31.33	11.46
		For Work In Restricted Working Space, Add	*6.88*	
23 05 29 00-0030	EA	2" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C)	32.13	11.66
		For Work In Restricted Working Space, Add	*7.06*	
23 05 29 00-0031	EA	2-1/2" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C)	35.95	12.08
		For Work In Restricted Working Space, Add	*7.27*	
23 05 29 00-0032	EA	3" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C)	37.72	12.71
		For Work In Restricted Working Space, Add	*7.48*	
23 05 29 00-0033	EA	3-1/2" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C)	42.30	14.83
		For Work In Restricted Working Space, Add	*8.48*	
23 05 29 00-0034	EA	4" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C)	46.68	14.83
		For Work In Restricted Working Space, Add	*8.48*	
23 05 29 00-0035	EA	5" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C)	76.53	17.75
		For Work In Restricted Working Space, Add	*10.65*	
23 05 29 00-0036	EA	6" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C)	94.84	21.19
		For Work In Restricted Working Space, Add	*12.71*	
23 05 29 00-0037	EA	8" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C)	112.96	26.49
		For Work In Restricted Working Space, Add	*15.89*	

23 05 29 00-0038 Steel Clevis Hanger, Light Duty (Cooper B-Line B3104) *(23 05 29 00-0002)*

23 05 29 00-0039	EA	1/2" Steel Clevis Hanger, Light Duty (Cooper B-Line B3104)	20.84	9.54
		For Work In Restricted Working Space, Add	*5.72*	
23 05 29 00-0040	EA	3/4" Steel Clevis Hanger, Light Duty (Cooper B-Line B3104)	23.00	10.60
		For Work In Restricted Working Space, Add	*6.36*	
23 05 29 00-0041	EA	1" Steel Clevis Hanger, Light Duty (Cooper B-Line B3104)	24.29	10.60
		For Work In Restricted Working Space, Add	*6.69*	
23 05 29 00-0042	EA	1-1/4" Steel Clevis Hanger, Light Duty (Cooper B-Line B3104)	24.96	11.46
		For Work In Restricted Working Space, Add	*6.88*	
23 05 29 00-0043	EA	1-1/2" Steel Clevis Hanger, Light Duty (Cooper B-Line B3104)	25.11	11.46
		For Work In Restricted Working Space, Add	*6.88*	
23 05 29 00-0044	EA	2" Steel Clevis Hanger, Light Duty (Cooper B-Line B3104)	25.82	11.66
		For Work In Restricted Working Space, Add	*7.06*	
23 05 29 00-0045	EA	2-1/2" Steel Clevis Hanger, Light Duty (Cooper B-Line B3104)	28.17	12.08
		For Work In Restricted Working Space, Add	*7.27*	
23 05 29 00-0046	EA	3" Steel Clevis Hanger, Light Duty (Cooper B-Line B3104)	29.42	12.71
		For Work In Restricted Working Space, Add	*7.48*	
23 05 29 00-0047	EA	3-1/2" Steel Clevis Hanger, Light Duty (Cooper B-Line B3104)	33.16	14.83
		For Work In Restricted Working Space, Add	*8.48*	
23 05 29 00-0048	EA	4" Steel Clevis Hanger, Light Duty (Cooper B-Line B3104)	34.19	14.83
		For Work In Restricted Working Space, Add	*8.48*	

23 05 29 00-0049 Extended Steel Clevis Hanger (Cooper B-Line B3108) *(23 05 29 00-0002)*

23 05 29 00-0050	EA	3/4" Steel Extended Clevis Hanger (Cooper B-Line B3108)	29.48	10.60
		For Work In Restricted Working Space, Add	*6.36*	
23 05 29 00-0051	EA	1" Steel Extended Clevis Hanger (Cooper B-Line B3108)	30.67	10.60
		For Work In Restricted Working Space, Add	*6.69*	
23 05 29 00-0052	EA	1-1/4" Steel Extended Clevis Hanger (Cooper B-Line B3108)	31.30	11.46
		For Work In Restricted Working Space, Add	*6.88*	
23 05 29 00-0053	EA	1-1/2" Steel Extended Clevis Hanger (Cooper B-Line B3108)	32.33	11.46
		For Work In Restricted Working Space, Add	*6.88*	
23 05 29 00-0054	EA	2" Steel Extended Clevis Hanger (Cooper B-Line B3108)	34.67	11.66
		For Work In Restricted Working Space, Add	*7.06*	
23 05 29 00-0055	EA	2-1/2" Steel Extended Clevis Hanger (Cooper B-Line B3108)	37.16	12.08
		For Work In Restricted Working Space, Add	*7.27*	
23 05 29 00-0056	EA	3" Steel Extended Clevis Hanger (Cooper B-Line B3108)	39.00	12.71
		For Work In Restricted Working Space, Add	*7.48*	
23 05 29 00-0057	EA	4" Steel Extended Clevis Hanger (Cooper B-Line B3108)	46.83	14.83
		For Work In Restricted Working Space, Add	*8.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0058	EA	5" Steel Extended Clevis Hanger (Cooper B-Line B3108)	59.07	17.75
		For Work In Restricted Working Space, Add	*10.65*	
23 05 29 00-0059	EA	6" Steel Extended Clevis Hanger (Cooper B-Line B3108)	72.89	21.19
		For Work In Restricted Working Space, Add	*12.71*	
23 05 29 00-0060	EA	8" Steel Extended Clevis Hanger (Cooper B-Line B3108)	103.23	26.49
		For Work In Restricted Working Space, Add	*15.89*	
23 05 29 00-0061	EA	10" Steel Extended Clevis Hanger (Cooper B-Line B3108)	144.94	36.03
		For Work In Restricted Working Space, Add	*21.19*	
23 05 29 00-0062	EA	12" Steel Extended Clevis Hanger (Cooper B-Line B3108)	162.81	39.73
		For Work In Restricted Working Space, Add	*23.84*	
23 05 29 00-0063		Steel Clevis Hanger, Flat Top (Cooper B-Line B3109) *(23 05 29 00-0002)*		
23 05 29 00-0064	EA	2" Steel Clevis Hanger, Flat Top (Cooper B-Line B3109)	35.88	11.66
		For Work In Restricted Working Space, Add	*7.06*	
23 05 29 00-0065	EA	2-1/2" Steel Clevis Hanger, Flat Top (Cooper B-Line B3109)	38.30	12.08
		For Work In Restricted Working Space, Add	*7.27*	
23 05 29 00-0066	EA	3" Steel Clevis Hanger, Flat Top (Cooper B-Line B3109)	40.30	12.71
		For Work In Restricted Working Space, Add	*7.48*	
23 05 29 00-0067	EA	3-1/2" Steel Clevis Hanger, Flat Top (Cooper B-Line B3109)	44.62	14.83
		For Work In Restricted Working Space, Add	*8.48*	
23 05 29 00-0068	EA	4" Steel Clevis Hanger, Flat Top (Cooper B-Line B3109)	47.20	14.83
		For Work In Restricted Working Space, Add	*8.48*	
23 05 29 00-0069	EA	5" Steel Clevis Hanger, Flat Top (Cooper B-Line B3109)	58.59	17.75
		For Work In Restricted Working Space, Add	*10.65*	
23 05 29 00-0070	EA	6" Steel Clevis Hanger, Flat Top (Cooper B-Line B3109)	68.39	21.19
		For Work In Restricted Working Space, Add	*12.71*	
23 05 29 00-0071	EA	8" Steel Clevis Hanger, Flat Top (Cooper B-Line B3109)	90.78	26.49
		For Work In Restricted Working Space, Add	*15.89*	
23 05 29 00-0072		Adjustable Hangers *(23 05 29 00-0001)*		
23 05 29 00-0073		Steel J-Hanger Hanger With Bolt (Cooper B-Line B3690) *(23 05 29 00-0072)*		
		Note: Type 5.		
23 05 29 00-0074	EA	1/2" Steel J-Hanger Hanger With Bolt (Cooper B-Line B3690)	19.22	8.36
		For Work In Restricted Working Space, Add	*5.01*	
23 05 29 00-0075	EA	3/4" Steel J-Hanger Hanger With Bolt (Cooper B-Line B3690)	21.05	9.27
		For Work In Restricted Working Space, Add	*5.56*	
23 05 29 00-0076	EA	1" Steel J-Hanger Hanger With Bolt (Cooper B-Line B3690)	23.08	10.30
		For Work In Restricted Working Space, Add	*6.18*	
23 05 29 00-0077	EA	1-1/4" Steel J-Hanger Hanger With Bolt (Cooper B-Line B3690)	25.47	11.44
		For Work In Restricted Working Space, Add	*6.87*	
23 05 29 00-0078	EA	1-1/2" Steel J-Hanger Hanger With Bolt (Cooper B-Line B3690)	26.77	12.01
		For Work In Restricted Working Space, Add	*7.21*	
23 05 29 00-0079	EA	2" Steel J-Hanger Hanger With Bolt (Cooper B-Line B3690)	28.68	12.59
		For Work In Restricted Working Space, Add	*7.55*	
23 05 29 00-0080	EA	2-1/2" Steel J-Hanger Hanger With Bolt (Cooper B-Line B3690)	33.04	13.16
		For Work In Restricted Working Space, Add	*7.90*	
23 05 29 00-0081	EA	3" Steel J-Hanger Hanger With Bolt (Cooper B-Line B3690)	34.50	13.73
		For Work In Restricted Working Space, Add	*8.24*	
23 05 29 00-0082	EA	4" Steel J-Hanger Hanger With Bolt (Cooper B-Line B3690)	41.14	15.45
		For Work In Restricted Working Space, Add	*9.27*	
23 05 29 00-0083		Adjustable Swivel Steel Ring (Cooper B-Line B3170) *(23 05 29 00-0072)*		
		Note: Type 10.		
23 05 29 00-0084	EA	1/2" Adjustable Swivel Steel Ring (Cooper B-Line B3170)	22.33	10.60
		For Work In Restricted Working Space, Add	*6.36*	
		For 304 Stainless Steel, Add	*7.52*	
		For 316 Stainless Steel, Add	*9.69*	
23 05 29 00-0085	EA	3/4" Adjustable Swivel Steel Ring (Cooper B-Line B3170)	23.55	10.60
		For Work In Restricted Working Space, Add	*6.69*	
		For 304 Stainless Steel, Add	*8.25*	
		For 316 Stainless Steel, Add	*10.63*	
23 05 29 00-0086	EA	1" Adjustable Swivel Steel Ring (Cooper B-Line B3170)	24.79	11.66
		For Work In Restricted Working Space, Add	*7.06*	
		For 304 Stainless Steel, Add	*8.25*	
		For 316 Stainless Steel, Add	*10.63*	
23 05 29 00-0087	EA	1-1/4" Adjustable Swivel Steel Ring (Cooper B-Line B3170)	26.33	12.71
		For Work In Restricted Working Space, Add	*7.48*	
		For 304 Stainless Steel, Add	*9.24*	
		For 316 Stainless Steel, Add	*11.90*	
23 05 29 00-0088	EA	1-1/2" Adjustable Swivel Steel Ring (Cooper B-Line B3170)	29.66	14.83
		For Work In Restricted Working Space, Add	*8.48*	
		For 304 Stainless Steel, Add	*9.24*	
		For 316 Stainless Steel, Add	*11.90*	
23 05 29 00-0089	EA	2" Adjustable Swivel Steel Ring (Cooper B-Line B3170)	31.74	14.83
		For Work In Restricted Working Space, Add	*9.08*	
		For 304 Stainless Steel, Add	*9.70*	
		For 316 Stainless Steel, Add	*12.50*	
23 05 29 00-0090	EA	2-1/2" Adjustable Swivel Steel Ring (Cooper B-Line B3170)	35.00	15.90
		For Work In Restricted Working Space, Add	*9.78*	
		For 304 Stainless Steel, Add	*15.84*	
		For 316 Stainless Steel, Add	*20.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0091	EA	3" Adjustable Swivel Steel Ring (Cooper B-Line B3170)	37.83	18.01
		For Work In Restricted Working Space, Add	*10.60*	
		For 304 Stainless Steel, Add	*16.57*	
		For 316 Stainless Steel, Add	*21.34*	
23 05 29 00-0092	EA	3-1/2" Adjustable Swivel Steel Ring (Cooper B-Line B3170)	42.03	19.33
		For Work In Restricted Working Space, Add	*11.60*	
		For 304 Stainless Steel, Add	*22.18*	
		For 316 Stainless Steel, Add	*28.56*	
23 05 29 00-0093	EA	4" Adjustable Swivel Steel Ring (Cooper B-Line B3170)	45.74	21.19
		For Work In Restricted Working Space, Add	*12.71*	
		For 304 Stainless Steel, Add	*22.18*	
		For 316 Stainless Steel, Add	*28.56*	
23 05 29 00-0094	EA	5" Adjustable Swivel Steel Ring (Cooper B-Line B3170)	54.65	23.84
		For Work In Restricted Working Space, Add	*14.30*	
		For 304 Stainless Steel, Add	*46.00*	
		For 316 Stainless Steel, Add	*59.25*	
23 05 29 00-0095	EA	6" Adjustable Swivel Steel Ring (Cooper B-Line B3170)	60.05	26.49
		For Work In Restricted Working Space, Add	*15.89*	
		For 304 Stainless Steel, Add	*46.66*	
		For 316 Stainless Steel, Add	*60.10*	
23 05 29 00-0096	EA	8" Adjustable Swivel Steel Ring (Cooper B-Line B3170)	71.97	31.78
		For Work In Restricted Working Space, Add	*19.07*	
		For 304 Stainless Steel, Add	*55.44*	
		For 316 Stainless Steel, Add	*71.40*	
23 05 29 00-0097		**Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT)** *(23 05 29 00-0072)*		
23 05 29 00-0098	EA	1/2" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT)	24.76	10.60
		For Work In Restricted Working Space, Add	*6.36*	
		For 304 Stainless Steel, Add	*23.56*	
		For 316 Stainless Steel, Add	*30.35*	
23 05 29 00-0099	EA	3/4" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT)	25.87	10.60
		For Work In Restricted Working Space, Add	*6.69*	
		For 304 Stainless Steel, Add	*23.56*	
		For 316 Stainless Steel, Add	*30.35*	
23 05 29 00-0100	EA	1" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT)	27.11	11.66
		For Work In Restricted Working Space, Add	*7.06*	
		For 304 Stainless Steel, Add	*23.56*	
		For 316 Stainless Steel, Add	*30.35*	
23 05 29 00-0101	EA	1-1/4" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT)	28.50	12.71
		For Work In Restricted Working Space, Add	*7.48*	
		For 304 Stainless Steel, Add	*23.56*	
		For 316 Stainless Steel, Add	*30.35*	
23 05 29 00-0102	EA	1-1/2" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT)	32.13	14.83
		For Work In Restricted Working Space, Add	*8.48*	
		For 304 Stainless Steel, Add	*25.54*	
		For 316 Stainless Steel, Add	*32.90*	
23 05 29 00-0103	EA	2" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT)	34.14	14.83
		For Work In Restricted Working Space, Add	*9.08*	
		For 304 Stainless Steel, Add	*25.54*	
		For 316 Stainless Steel, Add	*32.90*	
23 05 29 00-0104	EA	2-1/2" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT)	42.75	15.90
		For Work In Restricted Working Space, Add	*9.78*	
		For 304 Stainless Steel, Add	*66.99*	
		For 316 Stainless Steel, Add	*86.28*	
23 05 29 00-0105	EA	3" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT)	47.89	18.01
		For Work In Restricted Working Space, Add	*10.60*	
		For 304 Stainless Steel, Add	*82.96*	
		For 316 Stainless Steel, Add	*106.85*	
23 05 29 00-0106	EA	3-1/2" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT)	52.23	19.33
		For Work In Restricted Working Space, Add	*11.60*	
		For 304 Stainless Steel, Add	*89.50*	
		For 316 Stainless Steel, Add	*115.26*	
23 05 29 00-0107	EA	4" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT)	58.89	21.19
		For Work In Restricted Working Space, Add	*12.71*	
		For 304 Stainless Steel, Add	*108.97*	
		For 316 Stainless Steel, Add	*140.34*	
23 05 29 00-0108	EA	5" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT)	64.42	23.84
		For Work In Restricted Working Space, Add	*14.30*	
		For 304 Stainless Steel, Add	*110.48*	
		For 316 Stainless Steel, Add	*142.29*	
23 05 29 00-0109	EA	6" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT)	77.21	26.49
		For Work In Restricted Working Space, Add	*15.89*	
		For 304 Stainless Steel, Add	*159.92*	
		For 316 Stainless Steel, Add	*205.96*	
23 05 29 00-0110		**Roller Hangers** *(23 05 29 00-0001)*		
23 05 29 00-0111		**Single Pipe Roll (Cooper B-Line B3114)** *(23 05 29 00-0110)*		
		Note: Excludes rod and nuts. Type 41.		
23 05 29 00-0112	EA	2" Single Pipe Roll (Cooper B-Line B3114)	33.23	8.49
		Note: Excludes rod and nuts.		
		For Work In Restricted Working Space, Add	*5.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0113	EA	2-1/2" Single Pipe Roll (Cooper B-Line B3114) Note: Excludes rod and nuts.	36.56	9.56
		For Work In Restricted Working Space, Add	*5.73*	
23 05 29 00-0114	EA	3" Single Pipe Roll (Cooper B-Line B3114) Note: Excludes rod and nuts.	40.71	11.15
		For Work In Restricted Working Space, Add	*6.69*	
23 05 29 00-0115	EA	3-1/2" Single Pipe Roll (Cooper B-Line B3114) Note: Excludes rod and nuts.	46.84	12.74
		For Work In Restricted Working Space, Add	*7.64*	
23 05 29 00-0116	EA	4" Single Pipe Roll (Cooper B-Line B3114) Note: Excludes rod and nuts.	64.66	14.33
		For Work In Restricted Working Space, Add	*8.60*	
23 05 29 00-0117	EA	5" Single Pipe Roll (Cooper B-Line B3114) Note: Excludes rod and nuts.	57.78	15.93
		For Work In Restricted Working Space, Add	*9.55*	
23 05 29 00-0118	EA	6" Single Pipe Roll (Cooper B-Line B3114) Note: Excludes rod and nuts.	71.88	19.10
		For Work In Restricted Working Space, Add	*11.46*	
23 05 29 00-0119	EA	8" Single Pipe Roll (Cooper B-Line B3114) Note: Excludes rod and nuts.	96.82	22.29
		For Work In Restricted Working Space, Add	*13.37*	
23 05 29 00-0120	EA	10" Single Pipe Roll (Cooper B-Line B3114) Note: Excludes rod and nuts.	114.78	26.54
		For Work In Restricted Working Space, Add	*15.92*	

23 05 29 00-0121 Adjustable Clevis Roller Hanger (Cooper B-Line B3110) *(23 05 29 00-0110)*

Note: Type 43.

23 05 29 00-0122	EA	2" Steel Clevis Roller Hanger (Cooper B-Line B3110)	49.55	14.98
		For Work In Restricted Working Space, Add	*8.64*	
		For 304 Stainless Steel, Add	*136.88*	
		For 316 Stainless Steel, Add	*176.29*	
23 05 29 00-0123	EA	2-1/2" Steel Clevis Roller Hanger (Cooper B-Line B3110)	51.62	15.44
		For Work In Restricted Working Space, Add	*9.26*	
		For 304 Stainless Steel, Add	*136.88*	
		For 316 Stainless Steel, Add	*176.29*	
23 05 29 00-0124	EA	3" Steel Clevis Roller Hanger (Cooper B-Line B3110)	56.07	16.14
		For Work In Restricted Working Space, Add	*9.88*	
		For 304 Stainless Steel, Add	*152.72*	
		For 316 Stainless Steel, Add	*196.69*	
23 05 29 00-0125	EA	3-1/2" Steel Clevis Roller Hanger (Cooper B-Line B3110)	65.37	17.29
		For Work In Restricted Working Space, Add	*10.37*	
		For 304 Stainless Steel, Add	*203.28*	
		For 316 Stainless Steel, Add	*261.80*	
23 05 29 00-0126	EA	4" Steel Clevis Roller Hanger (Cooper B-Line B3110)	69.22	19.59
		For Work In Restricted Working Space, Add	*11.53*	
		For 304 Stainless Steel, Add	*203.28*	
		For 316 Stainless Steel, Add	*261.80*	
23 05 29 00-0127	EA	5" Steel Clevis Roller Hanger (Cooper B-Line B3110)	78.14	21.09
		For Work In Restricted Working Space, Add	*12.65*	
		For 304 Stainless Steel, Add	*237.34*	
		For 316 Stainless Steel, Add	*305.66*	
23 05 29 00-0128	EA	6" Steel Clevis Roller Hanger (Cooper B-Line B3110)	90.75	23.05
		For Work In Restricted Working Space, Add	*13.83*	
		For 304 Stainless Steel, Add	*294.69*	
		For 316 Stainless Steel, Add	*379.53*	
23 05 29 00-0129	EA	8" Steel Clevis Roller Hanger (Cooper B-Line B3110)	124.45	28.81
		For Work In Restricted Working Space, Add	*17.29*	
		For 304 Stainless Steel, Add	*441.08*	
		For 316 Stainless Steel, Add	*568.06*	
23 05 29 00-0130	EA	10" Steel Clevis Roller Hanger (Cooper B-Line B3110)	156.45	39.19
		For Work In Restricted Working Space, Add	*23.05*	
		For 304 Stainless Steel, Add	*525.49*	
		For 316 Stainless Steel, Add	*676.77*	
23 05 29 00-0131	EA	12" Steel Clevis Roller Hanger (Cooper B-Line B3110)	203.48	43.21
		For Work In Restricted Working Space, Add	*25.93*	
		For 304 Stainless Steel, Add	*772.53*	
		For 316 Stainless Steel, Add	*994.93*	
23 05 29 00-0132	EA	14" Steel Clevis Roller Hanger (Cooper B-Line B3110)	423.47	49.55
		For Work In Restricted Working Space, Add	*29.73*	
		For 304 Stainless Steel, Add	*2,140.78*	
		For 316 Stainless Steel, Add	*2,757.06*	
23 05 29 00-0133	EA	16" Steel Clevis Roller Hanger (Cooper B-Line B3110)	531.59	57.62
		For Work In Restricted Working Space, Add	*34.57*	
		For 304 Stainless Steel, Add	*2,747.91*	
		For 316 Stainless Steel, Add	*3,538.98*	

23 05 29 00-0134 Roller Chair (Cooper B-Line B3120) *(23 05 29 00-0110)*

23 05 29 00-0135	EA	2" Steel Roller Chair (Cooper B-Line B3120)	48.19	14.98
		For Work In Restricted Working Space, Add	*8.64*	
23 05 29 00-0136	EA	2-1/2" Steel Roller Chair (Cooper B-Line B3120)	51.92	15.44
		For Work In Restricted Working Space, Add	*9.26*	
23 05 29 00-0137	EA	3" Steel Roller Chair (Cooper B-Line B3120)	54.45	16.14
		For Work In Restricted Working Space, Add	*9.88*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0138	EA	3-1/2" Steel Roller Chair (Cooper B-Line B3120)	61.98	17.29
		For Work In Restricted Working Space, Add	*10.37*	
23 05 29 00-0139	EA	4" Steel Roller Chair (Cooper B-Line B3120)	69.07	19.59
		For Work In Restricted Working Space, Add	*11.53*	
23 05 29 00-0140	EA	5" Steel Roller Chair (Cooper B-Line B3120)	75.49	21.09
		For Work In Restricted Working Space, Add	*12.65*	
23 05 29 00-0141	EA	6" Steel Roller Chair (Cooper B-Line B3120)	92.49	23.05
		For Work In Restricted Working Space, Add	*13.83*	
23 05 29 00-0142	EA	8" Steel Roller Chair (Cooper B-Line B3120)	120.33	28.81
		For Work In Restricted Working Space, Add	*17.29*	
23 05 29 00-0143	EA	10" Steel Roller Chair (Cooper B-Line B3120)	155.49	39.19
		For Work In Restricted Working Space, Add	*23.05*	
23 05 29 00-0144	EA	12" Steel Roller Chair (Cooper B-Line B3120)	200.97	43.21
		For Work In Restricted Working Space, Add	*25.93*	
23 05 29 00-0145	EA	14" Steel Roller Chair (Cooper B-Line B3120)	219.25	49.55
		For Work In Restricted Working Space, Add	*29.73*	
23 05 29 00-0146	EA	16" Steel Roller Chair (Cooper B-Line B3120)	264.38	57.62
		For Work In Restricted Working Space, Add	*34.57*	
23 05 29 00-0147	EA	18" Steel Roller Chair (Cooper B-Line B3120)	356.42	72.02
		For Work In Restricted Working Space, Add	*43.22*	
23 05 29 00-0148	EA	20" Steel Roller Chair (Cooper B-Line B3120)	441.05	86.43
		For Work In Restricted Working Space, Add	*51.86*	

23 05 29 00-0149 Adjustable Roller Support (Cooper B-Line B3122) *(23 05 29 00-0110)*

23 05 29 00-0150	EA	2" Steel Adjustable Roller Support (Cooper B-Line B3122)	54.57	14.98
		For Work In Restricted Working Space, Add	*8.64*	
23 05 29 00-0151	EA	2-1/2" Steel Adjustable Roller Support (Cooper B-Line B3122)	61.35	15.44
		For Work In Restricted Working Space, Add	*9.26*	
23 05 29 00-0152	EA	3" Steel Adjustable Roller Support (Cooper B-Line B3122)	64.51	16.14
		For Work In Restricted Working Space, Add	*9.88*	
23 05 29 00-0153	EA	3-1/2" Steel Adjustable Roller Support (Cooper B-Line B3122)	68.14	17.29
		For Work In Restricted Working Space, Add	*10.37*	
23 05 29 00-0154	EA	4" Steel Adjustable Roller Support (Cooper B-Line B3122)	81.97	19.59
		For Work In Restricted Working Space, Add	*11.53*	
23 05 29 00-0155	EA	5" Steel Adjustable Roller Support (Cooper B-Line B3122)	92.95	21.09
		For Work In Restricted Working Space, Add	*12.65*	
23 05 29 00-0156	EA	6" Steel Adjustable Roller Support (Cooper B-Line B3122)	108.26	23.05
		For Work In Restricted Working Space, Add	*13.83*	
23 05 29 00-0157	EA	8" Steel Adjustable Roller Support (Cooper B-Line B3122)	152.79	28.81
		For Work In Restricted Working Space, Add	*17.29*	
23 05 29 00-0158	EA	10" Steel Adjustable Roller Support (Cooper B-Line B3122)	190.49	39.19
		For Work In Restricted Working Space, Add	*23.05*	
23 05 29 00-0159	EA	12" Steel Adjustable Roller Support (Cooper B-Line B3122)	220.35	43.21
		For Work In Restricted Working Space, Add	*25.93*	
23 05 29 00-0160	EA	14" Steel Adjustable Roller Support (Cooper B-Line B3122)	312.02	49.55
		For Work In Restricted Working Space, Add	*29.73*	
23 05 29 00-0161	EA	16" Steel Adjustable Roller Support (Cooper B-Line B3122)	374.09	57.62
		For Work In Restricted Working Space, Add	*34.57*	
23 05 29 00-0162	EA	18" Steel Adjustable Roller Support (Cooper B-Line B3122)	424.69	72.02
		For Work In Restricted Working Space, Add	*43.22*	

23 05 29 00-0163 Adjustable Double Roller Support (Cooper B-Line B3122A) *(23 05 29 00-0110)*

23 05 29 00-0164	EA	2" Steel Adjustable Double Roller Support (Cooper B-Line B3122A)	54.93	14.98
		For Work In Restricted Working Space, Add	*8.64*	
23 05 29 00-0165	EA	2-1/2" Steel Adjustable Double Roller Support (Cooper B-Line B3122A)	61.68	15.44
		For Work In Restricted Working Space, Add	*9.26*	
23 05 29 00-0166	EA	3" Steel Adjustable Double Roller Support (Cooper B-Line B3122A)	65.06	16.14
		For Work In Restricted Working Space, Add	*9.88*	
23 05 29 00-0167	EA	3-1/2" Steel Adjustable Double Roller Support (Cooper B-Line B3122A)	67.65	17.29
		For Work In Restricted Working Space, Add	*10.37*	
23 05 29 00-0168	EA	4" Steel Adjustable Double Roller Support (Cooper B-Line B3122A)	85.69	19.59
		For Work In Restricted Working Space, Add	*11.53*	
23 05 29 00-0169	EA	5" Steel Adjustable Double Roller Support (Cooper B-Line B3122A)	97.34	21.09
		For Work In Restricted Working Space, Add	*12.65*	
23 05 29 00-0170	EA	6" Steel Adjustable Double Roller Support (Cooper B-Line B3122A)	113.49	23.05
		For Work In Restricted Working Space, Add	*13.83*	
23 05 29 00-0171	EA	8" Steel Adjustable Double Roller Support (Cooper B-Line B3122A)	160.89	28.81
		For Work In Restricted Working Space, Add	*17.29*	
23 05 29 00-0172	EA	10" Steel Adjustable Double Roller Support (Cooper B-Line B3122A)	200.22	39.19
		For Work In Restricted Working Space, Add	*23.05*	
23 05 29 00-0173	EA	12" Steel Adjustable Double Roller Support (Cooper B-Line B3122A)	231.73	43.21
		For Work In Restricted Working Space, Add	*25.93*	
23 05 29 00-0174	EA	14" Steel Adjustable Double Roller Support (Cooper B-Line B3122A)	330.22	49.55
		For Work In Restricted Working Space, Add	*29.73*	

23 05 29 00-0175 Pipe And Riser Clamps *(23 05 29 00-0001)*

Note: Includes bolts and weldless eye nuts.

23 05 29 00-0176 Steel Pipe Clamp (Cooper B-Line B3140) *(23 05 29 00-0175)*

Note: Type 4.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0177	EA	1/2" Steel Pipe Clamp (Cooper B-Line B3140)	18.56	6.87
		For Work In Restricted Working Space, Add	*4.12*	
23 05 29 00-0178	EA	3/4" Steel Pipe Clamp (Cooper B-Line B3140)	18.79	6.98
		For Work In Restricted Working Space, Add	*4.19*	
23 05 29 00-0179	EA	1" Steel Pipe Clamp (Cooper B-Line B3140)	19.05	7.09
		For Work In Restricted Working Space, Add	*4.26*	
23 05 29 00-0180	EA	1-1/4" Steel Pipe Clamp (Cooper B-Line B3140)	20.76	7.21
		For Work In Restricted Working Space, Add	*4.33*	
23 05 29 00-0181	EA	1-1/2" Steel Pipe Clamp (Cooper B-Line B3140)	20.98	7.32
		For Work In Restricted Working Space, Add	*4.39*	
23 05 29 00-0182	EA	2" Steel Pipe Clamp (Cooper B-Line B3140)	22.32	7.44
		For Work In Restricted Working Space, Add	*4.46*	
23 05 29 00-0183	EA	2-1/2" Steel Pipe Clamp (Cooper B-Line B3140)	23.22	7.66
		For Work In Restricted Working Space, Add	*4.60*	
23 05 29 00-0184	EA	3" Steel Pipe Clamp (Cooper B-Line B3140)	24.60	7.89
		For Work In Restricted Working Space, Add	*4.74*	
23 05 29 00-0185	EA	3-1/2" Steel Pipe Clamp (Cooper B-Line B3140)	28.47	8.02
		For Work In Restricted Working Space, Add	*4.81*	
23 05 29 00-0186	EA	4" Steel Pipe Clamp (Cooper B-Line B3140)	33.05	10.30
		For Work In Restricted Working Space, Add	*6.18*	
23 05 29 00-0187	EA	5" Steel Pipe Clamp (Cooper B-Line B3140)	47.36	13.73
		For Work In Restricted Working Space, Add	*8.24*	
23 05 29 00-0188	EA	6" Steel Pipe Clamp (Cooper B-Line B3140)	64.84	17.17
		For Work In Restricted Working Space, Add	*10.30*	
23 05 29 00-0189	EA	8" Steel Pipe Clamp (Cooper B-Line B3140)	76.31	20.03
		For Work In Restricted Working Space, Add	*12.02*	
23 05 29 00-0190	EA	10" Steel Pipe Clamp (Cooper B-Line B3140)	111.14	22.89
		For Work In Restricted Working Space, Add	*13.73*	
23 05 29 00-0191	EA	12" Steel Pipe Clamp (Cooper B-Line B3140)	151.44	25.18
		For Work In Restricted Working Space, Add	*15.11*	
23 05 29 00-0192	EA	14" Steel Pipe Clamp (Cooper B-Line B3140)	244.67	27.47
		For Work In Restricted Working Space, Add	*16.48*	
23 05 29 00-0193	EA	16" Steel Pipe Clamp (Cooper B-Line B3140)	265.20	29.75
		For Work In Restricted Working Space, Add	*17.85*	
23 05 29 00-0194	EA	18" Steel Pipe Clamp (Cooper B-Line B3140)	430.52	32.04
		For Work In Restricted Working Space, Add	*19.23*	
23 05 29 00-0195	EA	20" Steel Pipe Clamp (Cooper B-Line B3140)	497.80	34.33
		For Work In Restricted Working Space, Add	*20.60*	
23 05 29 00-0196	EA	24" Steel Pipe Clamp (Cooper B-Line B3140)	648.65	37.77
		For Work In Restricted Working Space, Add	*22.66*	

23 05 29 00-0197 Steel Heavy Duty Pipe Clamp (Cooper B-Line B3142) *(23 05 29 00-0175)*

23 05 29 00-0198	EA	3" Two Bolt Steel Heavy Duty Pipe Clamp (Cooper B-Line B3142)	37.90	7.41
		For Work In Restricted Working Space, Add	*4.42*	
23 05 29 00-0199	EA	4" Two Bolt Steel Heavy Duty Pipe Clamp (Cooper B-Line B3142)	49.79	7.41
		For Work In Restricted Working Space, Add	*4.42*	
23 05 29 00-0200	EA	5" Two Bolt Steel Heavy Duty Pipe Clamp (Cooper B-Line B3142)	54.66	7.68
		For Work In Restricted Working Space, Add	*4.61*	
23 05 29 00-0201	EA	6" Two Bolt Steel Heavy Duty Pipe Clamp (Cooper B-Line B3142)	87.32	7.95
		For Work In Restricted Working Space, Add	*4.80*	
23 05 29 00-0202	EA	8" Two Bolt Steel Heavy Duty Pipe Clamp (Cooper B-Line B3142)	95.00	8.47
		For Work In Restricted Working Space, Add	*5.08*	
23 05 29 00-0203	EA	10" Two Bolt Steel Heavy Duty Pipe Clamp (Cooper B-Line B3142)	162.72	8.47
		For Work In Restricted Working Space, Add	*5.07*	
23 05 29 00-0204	EA	12" Two Bolt Steel Heavy Duty Pipe Clamp (Cooper B-Line B3142)	263.35	9.54
		For Work In Restricted Working Space, Add	*5.72*	
23 05 29 00-0205	EA	14" Two Bolt Steel Heavy Duty Pipe Clamp (Cooper B-Line B3142)	334.13	10.60
		For Work In Restricted Working Space, Add	*6.36*	
23 05 29 00-0206	EA	16" Two Bolt Steel Heavy Duty Pipe Clamp (Cooper B-Line B3142)	363.31	12.71
		For Work In Restricted Working Space, Add	*7.63*	
23 05 29 00-0207	EA	18" Two Bolt Steel Heavy Duty Pipe Clamp (Cooper B-Line B3142)	1,129.81	14.83
		For Work In Restricted Working Space, Add	*8.90*	
23 05 29 00-0208	EA	20" Two Bolt Steel Heavy Duty Pipe Clamp (Cooper B-Line B3142)	1,298.67	15.90
		For Work In Restricted Working Space, Add	*9.53*	
23 05 29 00-0209	EA	24" Two Bolt Steel Heavy Duty Pipe Clamp (Cooper B-Line B3142)	1,663.46	16.95
		For Work In Restricted Working Space, Add	*10.17*	

23 05 29 00-0210 Steel Riser Clamp (Cooper B-Line B3373) *(23 05 29 00-0175)*

Note: Type 8.

23 05 29 00-0211	EA	1/2" Steel Riser Clamp (Cooper B-Line B3373)	18.75	6.36
		For Work In Restricted Working Space, Add	*3.81*	
23 05 29 00-0212	EA	3/4" Steel Riser Clamp (Cooper B-Line B3373)	19.53	6.47
		For Work In Restricted Working Space, Add	*3.88*	
23 05 29 00-0213	EA	1" Steel Riser Clamp (Cooper B-Line B3373)	19.81	6.57
		For Work In Restricted Working Space, Add	*3.94*	
23 05 29 00-0214	EA	1-1/4" Steel Riser Clamp (Cooper B-Line B3373)	21.42	6.68
		For Work In Restricted Working Space, Add	*4.01*	
23 05 29 00-0215	EA	1-1/2" Steel Riser Clamp (Cooper B-Line B3373)	22.26	6.78
		For Work In Restricted Working Space, Add	*4.07*	
23 05 29 00-0216	EA	2" Steel Riser Clamp (Cooper B-Line B3373)	22.80	6.89
		For Work In Restricted Working Space, Add	*4.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0217	EA	2-1/2" Steel Riser Clamp (Cooper B-Line B3373)	23.77	7.10
		For Work In Restricted Working Space, Add	*4.26*	
23 05 29 00-0218	EA	3" Steel Riser Clamp (Cooper B-Line B3373)	25.20	7.31
		For Work In Restricted Working Space, Add	*4.39*	
23 05 29 00-0219	EA	3-1/2" Steel Riser Clamp (Cooper B-Line B3373)	27.69	7.41
		For Work In Restricted Working Space, Add	*4.45*	
23 05 29 00-0220	EA	4" Steel Riser Clamp (Cooper B-Line B3373)	33.63	9.54
		For Work In Restricted Working Space, Add	*5.72*	
23 05 29 00-0221	EA	5" Steel Riser Clamp (Cooper B-Line B3373)	43.48	12.71
		For Work In Restricted Working Space, Add	*7.63*	
23 05 29 00-0222	EA	6" Steel Riser Clamp (Cooper B-Line B3373)	55.14	15.90
		For Work In Restricted Working Space, Add	*9.53*	
23 05 29 00-0223	EA	8" Steel Riser Clamp (Cooper B-Line B3373)	75.32	18.55
		For Work In Restricted Working Space, Add	*11.12*	
23 05 29 00-0224	EA	10" Steel Riser Clamp (Cooper B-Line B3373)	98.97	21.19
		For Work In Restricted Working Space, Add	*12.71*	
23 05 29 00-0225	EA	12" Steel Riser Clamp (Cooper B-Line B3373)	119.71	23.31
		For Work In Restricted Working Space, Add	*13.99*	
23 05 29 00-0226	EA	14" Steel Riser Clamp (Cooper B-Line B3373)	160.83	25.43
		For Work In Restricted Working Space, Add	*15.26*	
23 05 29 00-0227	EA	16" Steel Riser Clamp (Cooper B-Line B3373)	306.14	27.54
		For Work In Restricted Working Space, Add	*16.53*	

23 05 29 00-0228 Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C) *(23 05 29 00-0175)*

23 05 29 00-0229	EA	1/2" Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C)	33.12	6.36
		For Work In Restricted Working Space, Add	*3.81*	
23 05 29 00-0230	EA	3/4" Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C)	33.64	6.47
		For Work In Restricted Working Space, Add	*3.88*	
23 05 29 00-0231	EA	1" Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C)	35.02	6.57
		For Work In Restricted Working Space, Add	*3.94*	
23 05 29 00-0232	EA	1-1/4" Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C)	37.44	6.68
		For Work In Restricted Working Space, Add	*4.01*	
23 05 29 00-0233	EA	1-1/2" Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C)	42.30	6.78
		For Work In Restricted Working Space, Add	*4.07*	
23 05 29 00-0234	EA	2" Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C)	44.94	6.89
		For Work In Restricted Working Space, Add	*4.13*	
23 05 29 00-0235	EA	2-1/2" Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C)	48.64	7.10
		For Work In Restricted Working Space, Add	*4.26*	
23 05 29 00-0236	EA	3" Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C)	53.45	7.31
		For Work In Restricted Working Space, Add	*4.39*	
23 05 29 00-0237	EA	4" Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C)	72.38	9.54
		For Work In Restricted Working Space, Add	*5.72*	

23 05 29 00-0238 Two Bolt Steel Underground Clamp (Cooper B-Line B3132) *(23 05 29 00-0175)*

Note: Type 42

23 05 29 00-0239	EA	4" Two Bolt Steel Underground Clamp (Cooper B-Line B3132)	74.63	7.41
		For Work In Restricted Working Space, Add	*4.42*	
23 05 29 00-0240	EA	6" Two Bolt Steel Underground Clamp (Cooper B-Line B3132)	79.21	7.95
		For Work In Restricted Working Space, Add	*4.80*	
23 05 29 00-0241	EA	8" Two Bolt Steel Underground Clamp (Cooper B-Line B3132)	86.98	8.47
		For Work In Restricted Working Space, Add	*5.08*	
23 05 29 00-0242	EA	10" Two Bolt Steel Underground Clamp (Cooper B-Line B3132)	92.87	8.47
		For Work In Restricted Working Space, Add	*5.07*	
23 05 29 00-0243	EA	12" Two Bolt Steel Underground Clamp (Cooper B-Line B3132)	112.36	9.54
		For Work In Restricted Working Space, Add	*5.72*	
23 05 29 00-0244	EA	14" Two Bolt Steel Underground Clamp (Cooper B-Line B3132)	349.22	10.60
		For Work In Restricted Working Space, Add	*6.36*	
23 05 29 00-0245	EA	16" Two Bolt Steel Underground Clamp (Cooper B-Line B3132)	467.87	12.71
		For Work In Restricted Working Space, Add	*7.63*	
23 05 29 00-0246	EA	18" Two Bolt Steel Underground Clamp (Cooper B-Line B3132)	557.51	14.83
		For Work In Restricted Working Space, Add	*8.90*	
23 05 29 00-0247	EA	20" Two Bolt Steel Underground Clamp (Cooper B-Line B3132)	812.22	15.90
		For Work In Restricted Working Space, Add	*9.53*	
23 05 29 00-0248	EA	24" Two Bolt Steel Underground Clamp (Cooper B-Line B3132)	1,119.53	16.95
		For Work In Restricted Working Space, Add	*10.17*	

23 05 29 00-0249 Four Bolt Steel Underground Clamp (Cooper B-Line B3134) *(23 05 29 00-0175)*

23 05 29 00-0250	EA	4" Four Bolt Steel Underground Clamp (Cooper B-Line B3134)	68.88	7.41
		For Work In Restricted Working Space, Add	*4.42*	
23 05 29 00-0251	EA	6" Four Bolt Steel Underground Clamp (Cooper B-Line B3134)	74.27	7.95
		For Work In Restricted Working Space, Add	*4.80*	
23 05 29 00-0252	EA	8" Four Bolt Steel Underground Clamp (Cooper B-Line B3134)	129.89	8.47
		For Work In Restricted Working Space, Add	*5.08*	
23 05 29 00-0253	EA	10" Four Bolt Steel Underground Clamp (Cooper B-Line B3134)	144.45	8.47
		For Work In Restricted Working Space, Add	*5.07*	
23 05 29 00-0254	EA	12" Four Bolt Steel Underground Clamp (Cooper B-Line B3134)	207.46	9.54
		For Work In Restricted Working Space, Add	*5.72*	
23 05 29 00-0255	EA	14" Four Bolt Steel Underground Clamp (Cooper B-Line B3134)	318.18	10.60
		For Work In Restricted Working Space, Add	*6.36*	
23 05 29 00-0256	EA	16" Four Bolt Steel Underground Clamp (Cooper B-Line B3134)	426.83	12.71
		For Work In Restricted Working Space, Add	*7.63*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0257	EA	18" Four Bolt Steel Underground Clamp (Cooper B-Line B3134)	508.03	14.83
		For Work In Restricted Working Space, Add	*8.90*	
23 05 29 00-0258	EA	20" Four Bolt Steel Underground Clamp (Cooper B-Line B3134)	742.72	15.90
		For Work In Restricted Working Space, Add	*9.53*	
23 05 29 00-0259	EA	24" Four Bolt Steel Underground Clamp (Cooper B-Line B3134)	1,016.66	16.95
		For Work In Restricted Working Space, Add	*10.17*	
23 05 29 00-0260		Split Pipe Clamps And Rings *(23 05 29 00-0001)*		
23 05 29 00-0261		Adjustable Split Ring Swivel Hanger (Cooper B-Line B3171) *(23 05 29 00-0260)*		
		Note: Type 6.		
23 05 29 00-0262	EA	3/4" Adjustable Swivel Ring (Cooper B-Line B3171)	31.07	9.72
		For Work In Restricted Working Space, Add	*5.84*	
23 05 29 00-0263	EA	1" Adjustable Swivel Ring (Cooper B-Line B3171)	32.91	10.30
		For Work In Restricted Working Space, Add	*6.18*	
23 05 29 00-0264	EA	1-1/4" Adjustable Swivel Ring (Cooper B-Line B3171)	35.78	11.44
		For Work In Restricted Working Space, Add	*6.87*	
23 05 29 00-0265	EA	1-1/2" Adjustable Swivel Ring (Cooper B-Line B3171)	38.56	12.01
		For Work In Restricted Working Space, Add	*7.21*	
23 05 29 00-0266	EA	2" Adjustable Swivel Ring (Cooper B-Line B3171)	41.65	12.59
		For Work In Restricted Working Space, Add	*7.55*	
23 05 29 00-0267	EA	2-1/2" Adjustable Swivel Ring (Cooper B-Line B3171)	51.42	13.16
		For Work In Restricted Working Space, Add	*7.90*	
23 05 29 00-0268	EA	3" Adjustable Swivel Ring (Cooper B-Line B3171)	56.42	13.73
		For Work In Restricted Working Space, Add	*8.24*	
23 05 29 00-0269	EA	4" Adjustable Swivel Ring (Cooper B-Line B3171)	75.08	15.45
		For Work In Restricted Working Space, Add	*9.27*	
23 05 29 00-0270	EA	5" Adjustable Swivel Ring (Cooper B-Line B3171)	95.47	19.46
		For Work In Restricted Working Space, Add	*11.67*	
23 05 29 00-0271	EA	6" Adjustable Swivel Ring (Cooper B-Line B3171)	127.64	22.89
		For Work In Restricted Working Space, Add	*13.73*	
23 05 29 00-0272		Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R) *(23 05 29 00-0260)*		
		Note: Type 11.		
23 05 29 00-0273	EA	1/2" Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R)	20.19	8.06
		For Work In Restricted Working Space, Add	*4.93*	
23 05 29 00-0274	EA	3/4" Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R)	21.30	8.06
		For Work In Restricted Working Space, Add	*5.15*	
23 05 29 00-0275	EA	1" Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R)	23.44	10.35
		For Work In Restricted Working Space, Add	*5.75*	
23 05 29 00-0276	EA	1-1/4" Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R)	25.50	10.35
		For Work In Restricted Working Space, Add	*6.06*	
23 05 29 00-0277	EA	1-1/2" Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R)	28.48	10.35
		For Work In Restricted Working Space, Add	*6.28*	
23 05 29 00-0278	EA	2" Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R)	33.29	11.51
		For Work In Restricted Working Space, Add	*6.90*	
23 05 29 00-0279	EA	2-1/2" Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R)	44.49	11.51
		For Work In Restricted Working Space, Add	*7.19*	
23 05 29 00-0280	EA	3" Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R)	49.47	12.66
		For Work In Restricted Working Space, Add	*7.50*	
23 05 29 00-0281	EA	4" Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R)	52.67	13.81
		For Work In Restricted Working Space, Add	*8.22*	
23 05 29 00-0282		Hinged Extension Split Pipe Clamp (Cooper B-Line B3198H) *(23 05 29 00-0260)*		
		Note: Type 12.		
23 05 29 00-0283	EA	1/2" Hinged Extension Split Pipe Clamp (Cooper B-Line B3198H)	20.19	8.06
		For Work In Restricted Working Space, Add	*4.93*	
23 05 29 00-0284	EA	3/4" Hinged Extension Split Pipe Clamp (Cooper B-Line B3198H)	21.30	8.63
		For Work In Restricted Working Space, Add	*5.15*	
23 05 29 00-0285	EA	1" Hinged Extension Split Pipe Clamp (Cooper B-Line B3198H)	23.44	9.78
		For Work In Restricted Working Space, Add	*5.75*	
23 05 29 00-0286	EA	1-1/4" Hinged Extension Split Pipe Clamp (Cooper B-Line B3198H)	25.50	10.35
		For Work In Restricted Working Space, Add	*6.06*	
23 05 29 00-0287	EA	1-1/2" Hinged Extension Split Pipe Clamp (Cooper B-Line B3198H)	28.48	10.35
		For Work In Restricted Working Space, Add	*6.28*	
23 05 29 00-0288	EA	2" Hinged Extension Split Pipe Clamp (Cooper B-Line B3198H)	33.29	11.51
		For Work In Restricted Working Space, Add	*6.90*	
23 05 29 00-0289	EA	2-1/2" Hinged Extension Split Pipe Clamp (Cooper B-Line B3198H)	44.49	12.08
		For Work In Restricted Working Space, Add	*7.19*	
23 05 29 00-0290	EA	3" Hinged Extension Split Pipe Clamp (Cooper B-Line B3198H)	49.47	12.66
		For Work In Restricted Working Space, Add	*7.50*	
23 05 29 00-0291		Pipe Straps *(23 05 29 00-0001)*		
23 05 29 00-0292		Standard Two Hole Pipe Strap, Galvanized Steel (Cooper B-Line B-3180) *(23 05 29 00-0291)*		
23 05 29 00-0293	EA	1/2" Standard Two Hole Pipe Strap, Galvanized Steel (Cooper B-Line B3180)	13.73	5.75
		For Work In Restricted Working Space, Add	*3.45*	
23 05 29 00-0294	EA	3/4" Standard Two Hole Pipe Strap, Galvanized Steel (Cooper B-Line B3180)	14.33	6.91
		For Work In Restricted Working Space, Add	*3.63*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0295	EA	1" Standard Two Hole Pipe Strap, Galvanized Steel (Cooper B-Line B3180)	15.01	6.91
		For Work In Restricted Working Space, Add	*3.84*	
23 05 29 00-0296	EA	1-1/4" Standard Two Hole Pipe Strap, Galvanized Steel (Cooper B-Line B3180)	15.86	6.91
		For Work In Restricted Working Space, Add	*4.06*	
23 05 29 00-0297	EA	1-1/2" Standard Two Hole Pipe Strap, Galvanized Steel (Cooper B-Line B3180)	16.78	8.06
		For Work In Restricted Working Space, Add	*4.31*	
23 05 29 00-0298	EA	2" Standard Two Hole Pipe Strap, Galvanized Steel (Cooper B-Line B3180)	19.30	8.06
		For Work In Restricted Working Space, Add	*4.61*	
23 05 29 00-0299	EA	2-1/2" Standard Two Hole Pipe Strap, Galvanized Steel (Cooper B-Line B3180)	23.57	8.06
		For Work In Restricted Working Space, Add	*4.93*	
23 05 29 00-0300	EA	3" Standard Two Hole Pipe Strap, Galvanized Steel (Cooper B-Line B3180)	30.20	8.06
		For Work In Restricted Working Space, Add	*5.31*	
23 05 29 00-0301	EA	4" Standard Two Hole Pipe Strap, Galvanized Steel (Cooper B-Line B3180)	35.77	10.35
		For Work In Restricted Working Space, Add	*6.21*	
23 05 29 00-0302	EA	6" Standard Two Hole Pipe Strap, Galvanized Steel (Cooper B-Line B3180)	43.76	11.51
		For Work In Restricted Working Space, Add	*6.90*	
23 05 29 00-0303	EA	8" Standard Two Hole Pipe Strap, Galvanized Steel (Cooper B-Line B3180)	54.54	12.66
		For Work In Restricted Working Space, Add	*7.59*	

23 05 29 00-0304 Two Hole Copper-Clad Pipe Straps *(23 05 29 00-0291)*

23 05 29 00-0305	EA	1/2" Two Hole Copper-Clad Pipe Strap	6.39	
		For Work In Restricted Working Space, Add	*1.73*	
23 05 29 00-0306	EA	3/4" Two Hole Copper-Clad Pipe Strap	6.79	
		For Work In Restricted Working Space, Add	*1.81*	
23 05 29 00-0307	EA	1" Two Hole Copper-Clad Pipe Strap	7.63	
		For Work In Restricted Working Space, Add	*1.90*	
23 05 29 00-0308	EA	1-1/4" Two Hole Copper-Clad Pipe Strap	8.52	
		For Work In Restricted Working Space, Add	*1.99*	
23 05 29 00-0309	EA	1-1/2" Two Hole Copper-Clad Pipe Strap	9.17	
		For Work In Restricted Working Space, Add	*2.07*	
23 05 29 00-0310	EA	2" Two Hole Copper-Clad Pipe Strap	9.95	
		For Work In Restricted Working Space, Add	*2.24*	

23 05 29 00-0311 One Hole Galvanized Steel Pipe Straps *(23 05 29 00-0291)*

23 05 29 00-0312	EA	1/2" One Hole Galvanized Steel Pipe Strap (Anvil 185D)	2.90	
		For Work In Restricted Working Space, Add	*0.57*	
23 05 29 00-0313	EA	3/4" One Hole Galvanized Steel Pipe Strap (Anvil 185D)	3.45	
		For Work In Restricted Working Space, Add	*0.62*	
23 05 29 00-0314	EA	1" One Hole Galvanized Steel Pipe Strap (Anvil 185D)	3.72	
		For Work In Restricted Working Space, Add	*0.67*	
23 05 29 00-0315	EA	1-1/4" Galvanized Steel Strap, 1 Hole	4.00	
		For Work In Restricted Working Space, Add	*0.72*	
23 05 29 00-0316	EA	1-1/2" Galvanized Steel Strap, 1 Hole	4.29	
		For Work In Restricted Working Space, Add	*0.79*	
23 05 29 00-0317	EA	2" Galvanized Steel Strap, 1 Hole	4.79	
		For Work In Restricted Working Space, Add	*0.86*	

23 05 29 00-0318 Pipe and Equipment Support Brackets *(23 05 29 00-0001)*

23 05 29 00-0319 Pipe and Equipment Supports, Light Duty Welded Steel Bracket (Cooper B-Line B3068) *(23 05 29 00-0318)*

Note: Up to 750# load.

23 05 29 00-0320	EA	9" x 9" Light Duty Welded Steel Bracket, Wall Mounted (Cooper B-Line B3068)	125.02	12.71
		For Galvanized, Add	*19.92*	
		For Work In Restricted Working Space, Add	*7.63*	
23 05 29 00-0321	EA	13" x 13" Light Duty Welded Steel Bracket, Wall Mounted (Cooper B-Line B3068)	126.84	12.71
		For Galvanized, Add	*20.28*	
		For Work In Restricted Working Space, Add	*7.63*	
23 05 29 00-0322	EA	19" x 19" Light Duty Welded Steel Bracket, Wall Mounted (Cooper B-Line B3068)	134.05	12.71
		For Galvanized, Add	*21.72*	
		For Work In Restricted Working Space, Add	*7.63*	

23 05 29 00-0323 Pipe and Equipment Supports, Medium Duty Welded Steel Bracket (Cooper B-Line B3066) *(23 05 29 00-0318)*

Note: Up to 1500# load.

23 05 29 00-0324	EA	12" Wide x 18" Deep Medium Duty Welded Steel Bracket, Wall Mounted (Cooper B-Line B3066)	301.00	12.71
		For Galvanized, Add	*55.11*	
		For Work In Restricted Working Space, Add	*7.63*	
23 05 29 00-0325	EA	18" Wide x 24" Deep Medium Duty Welded Steel Bracket, Wall Mounted (Cooper B-Line B3066)	352.80	12.71
		For Galvanized, Add	*65.47*	
		For Work In Restricted Working Space, Add	*7.63*	
23 05 29 00-0326	EA	24" Wide x 30" Deep Medium Duty Welded Steel Bracket, Wall Mounted (Cooper B-Line B3066)	458.44	12.71
		For Galvanized, Add	*86.60*	
		For Work In Restricted Working Space, Add	*7.63*	

23 05 29 00-0327 Pipe Alignment Guide *(23 05 29 00-0001)*

23 05 29 00-0328 Pipe Alignment Guide, 1" Insulation *(23 05 29 00-0327)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0329	EA	1/2" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-1/2)	557.18	20.13
23 05 29 00-0330	EA	3/4" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-3/4)	558.23	20.66
23 05 29 00-0331	EA	1" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-1)	559.29	21.19
23 05 29 00-0332	EA	1-1/4" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-1-1/4)	560.35	21.72
23 05 29 00-0333	EA	1-1/2" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-1-1/2)	611.76	22.25
23 05 29 00-0334	EA	2" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-2)	623.83	24.37
23 05 29 00-0335	EA	2-1/2" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-2-1/2)	625.42	25.17
23 05 29 00-0336	EA	3" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-3)	627.00	25.96
23 05 29 00-0337	EA	4" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-4)	663.59	27.54
23 05 29 00-0338	EA	5" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-5)	773.23	34.97
23 05 29 00-0339	EA	6" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-6)	788.06	42.38
23 05 29 00-0340	EA	8" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-8)	887.08	52.98
23 05 29 00-0341	EA	10" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-10)	1,647.67	63.57
23 05 29 00-0342	EA	12" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-12)	2,510.21	84.76
23 05 29 00-0343	EA	14" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-14)	3,088.60	105.95
23 05 29 00-0344	EA	16" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-16)	3,718.22	118.66
23 05 29 00-0345	EA	18" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-18)	4,009.43	132.45
23 05 29 00-0346	EA	20" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-20)	4,258.75	151.52
23 05 29 00-0347	EA	24" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-24)	5,372.84	158.93
23 05 29 00-0348		**Pipe Alignment Guide, 1-1/2" Insulation** *(23 05 29 00-0327)*		
23 05 29 00-0349	EA	1/2" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-1/2)	558.23	20.66
23 05 29 00-0350	EA	3/4" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-3/4)	609.64	21.19
23 05 29 00-0351	EA	1" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-1)	610.70	21.72
23 05 29 00-0352	EA	1-1/4" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-1-1/4)	611.76	22.25
23 05 29 00-0353	EA	1-1/2" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-1-1/2)	612.82	22.78
23 05 29 00-0354	EA	2" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-2)	624.89	24.90
23 05 29 00-0355	EA	2-1/2" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-2-1/2)	626.48	25.69
23 05 29 00-0356	EA	3" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-3)	661.47	26.49
23 05 29 00-0357	EA	4" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-4)	664.64	28.08
23 05 29 00-0358	EA	5" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-5)	774.82	35.76
23 05 29 00-0359	EA	6" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-6)	790.18	43.44
23 05 29 00-0360	EA	8" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-8)	889.73	54.30
23 05 29 00-0361	EA	10" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-10)	1,650.84	65.16
23 05 29 00-0362	EA	12" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-12)	2,514.44	86.88
23 05 29 00-0363	EA	14" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-14)	3,093.90	108.60
23 05 29 00-0364	EA	16" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-16)	3,724.58	121.85
23 05 29 00-0365	EA	18" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-18)	4,015.79	135.62
23 05 29 00-0366	EA	20" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-20)	4,266.18	155.22
23 05 29 00-0367	EA	24" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-24)	5,380.78	162.90
23 05 29 00-0368		**Pipe Alignment Guide, 2" Insulation** *(23 05 29 00-0327)*		
23 05 29 00-0369	EA	1/2" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-1/2)	609.64	21.19
23 05 29 00-0370	EA	3/4" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-3/4)	618.53	21.72
23 05 29 00-0371	EA	1" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-1)	619.59	22.25
23 05 29 00-0372	EA	1-1/4" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-1-1/4)	620.65	22.78
23 05 29 00-0373	EA	1-1/2" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-1-1/2)	621.71	23.31
23 05 29 00-0374	EA	2" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-2)	659.34	25.43
23 05 29 00-0375	EA	2-1/2" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-2-1/2)	661.47	26.49
23 05 29 00-0376	EA	3" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-3)	662.79	27.15
23 05 29 00-0377	EA	4" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-4)	760.51	28.61
23 05 29 00-0378	EA	5" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-5)	776.41	36.55
23 05 29 00-0379	EA	6" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-6)	870.13	44.50
23 05 29 00-0380	EA	8" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-8)	978.57	55.63
23 05 29 00-0381	EA	10" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-10)	1,654.02	66.75
23 05 29 00-0382	EA	12" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-12)	2,518.68	89.00
23 05 29 00-0383	EA	14" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-14)	3,099.20	111.25
23 05 29 00-0384	EA	16" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-16)	3,730.69	124.91
23 05 29 00-0385	EA	18" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-18)	4,022.68	139.06
23 05 29 00-0386	EA	20" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-20)	4,273.59	158.93
23 05 29 00-0387	EA	24" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-24)	5,388.73	166.88
23 05 29 00-0388		**Pipe Alignment Guide, 2-1/2" Insulation** *(23 05 29 00-0327)*		
23 05 29 00-0389	EA	1/2" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-1/2)	618.53	21.72
23 05 29 00-0390	EA	3/4" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-3/4)	652.99	22.25
23 05 29 00-0391	EA	1" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-1)	654.05	22.78
23 05 29 00-0392	EA	1-1/4" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-1-1/4)	655.11	23.31
23 05 29 00-0393	EA	1-1/2" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-1-1/2)	656.17	23.84
23 05 29 00-0394	EA	2" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-2)	660.40	25.96
23 05 29 00-0395	EA	2-1/2" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-2-1/2)	662.79	27.15
23 05 29 00-0396	EA	3" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-3)	758.93	27.81
23 05 29 00-0397	EA	4" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-4)	761.57	29.13
23 05 29 00-0398	EA	5" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-5)	855.30	37.08
23 05 29 00-0399	EA	6" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-6)	872.25	45.56
23 05 29 00-0400	EA	8" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-8)	1,634.42	56.95
23 05 29 00-0401	EA	10" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-10)	2,477.36	68.34
23 05 29 00-0402	EA	12" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-12)	3,058.94	91.12

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0403	EA	14" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-14)	3,105.03	113.90
23 05 29 00-0404	EA	16" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-16)	3,737.29	128.20
23 05 29 00-0405	EA	18" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-18)	4,029.56	142.51
23 05 29 00-0406	EA	20" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-20)	4,281.53	162.90
23 05 29 00-0407	EA	24" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-24)	5,397.21	171.11
23 05 29 00-0408		**Pipe Alignment Guide, 3" Insulation** *(23 05 29 00-0327)*		
23 05 29 00-0409	EA	1/2" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-1/2)	652.99	22.25
23 05 29 00-0410	EA	3/4" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-3/4)	654.05	22.78
23 05 29 00-0411	EA	1" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-1)	655.11	23.31
23 05 29 00-0412	EA	1-1/4" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-1-1/4)	656.17	23.84
23 05 29 00-0413	EA	1-1/2" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-1-1/2)	657.23	24.37
23 05 29 00-0414	EA	2" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-2)	756.28	26.49
23 05 29 00-0415	EA	2-1/2" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-2-1/2)	758.93	27.81
23 05 29 00-0416	EA	3" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-3)	760.51	28.61
23 05 29 00-0417	EA	4" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-4)	840.89	29.88
23 05 29 00-0418	EA	5" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-5)	857.41	38.14
23 05 29 00-0419	EA	6" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-6)	960.56	46.62
23 05 29 00-0420	EA	8" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-8)	1,637.07	58.27
23 05 29 00-0421	EA	10" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-10)	2,480.54	69.93
23 05 29 00-0422	EA	12" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-12)	3,063.17	93.24
23 05 29 00-0423	EA	14" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-14)	3,110.33	116.55
23 05 29 00-0424	EA	16" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-16)	3,743.65	131.38
23 05 29 00-0425	EA	18" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-18)	4,035.92	145.68
23 05 29 00-0426	EA	20" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-20)	4,289.48	166.88
23 05 29 00-0427	EA	24" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-24)	5,405.68	175.35
23 05 29 00-0428		**Pipe Alignment Guide, 3-1/2" Insulation** *(23 05 29 00-0327)*		
23 05 29 00-0429	EA	1/2" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-1/2)	654.05	22.78
23 05 29 00-0430	EA	3/4" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-3/4)	749.92	23.31
23 05 29 00-0431	EA	1" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-1)	750.98	23.84
23 05 29 00-0432	EA	1-1/4" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-1-1/4)	752.04	24.37
23 05 29 00-0433	EA	1-1/2" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-1-1/2)	753.10	24.90
23 05 29 00-0434	EA	2" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-2)	757.60	27.15
23 05 29 00-0435	EA	2-1/2" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-2-1/2)	760.30	28.50
23 05 29 00-0436	EA	3" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-3)	839.77	29.33
23 05 29 00-0437	EA	4" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-4)	842.58	30.73
23 05 29 00-0438	EA	5" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-5)	945.73	39.20
23 05 29 00-0439	EA	6" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-6)	1,615.88	47.68
23 05 29 00-0440	EA	8" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-8)	2,459.88	59.60
23 05 29 00-0441	EA	10" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-10)	3,020.59	71.68
23 05 29 00-0442	EA	12" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-12)	3,671.59	95.36
23 05 29 00-0443	EA	14" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-14)	3,719.80	119.46
23 05 29 00-0444	EA	16" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-16)	4,026.10	134.56
23 05 29 00-0445	EA	18" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-18)	4,254.52	149.39
23 05 29 00-0446	EA	20" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-20)	5,396.15	170.59
23 05 29 00-0447		**Pipe Alignment Guide, 4" Insulation** *(23 05 29 00-0327)*		
23 05 29 00-0448	EA	1/2" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-1/2)	749.92	23.31
23 05 29 00-0449	EA	3/4" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-3/4)	750.98	23.84
23 05 29 00-0450	EA	1" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-1)	752.04	24.37
23 05 29 00-0451	EA	1-1/4" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-1-1/4)	753.10	24.90
23 05 29 00-0452	EA	1-1/2" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-1-1/2)	754.15	25.43
23 05 29 00-0453	EA	2" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-2)	836.76	27.81
23 05 29 00-0454	EA	2-1/2" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-2-1/2)	839.40	29.13
23 05 29 00-0455	EA	3" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-3)	841.20	30.04
23 05 29 00-0456	EA	4" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-4)	930.36	31.52
23 05 29 00-0457	EA	5" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-5)	1,601.04	40.27
23 05 29 00-0458	EA	6" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-6)	1,618.00	48.74
23 05 29 00-0459	EA	8" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-8)	2,462.53	60.92
23 05 29 00-0460	EA	10" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-10)	3,024.50	73.63
23 05 29 00-0461	EA	12" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-12)	3,676.36	97.74
23 05 29 00-0462	EA	14" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-14)	3,988.25	121.85
23 05 29 00-0463	EA	16" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-16)	4,231.21	137.73
23 05 29 00-0464	EA	18" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-18)	5,362.24	153.63
23 05 29 00-0465		**Sway Bracing For No Hub Pipe** *(23 05 29 00-0001)*		
23 05 29 00-0466	EA	1-1/2" Sway Bracing	154.69	13.98
		For Work In Restricted Working Space, Add	*8.37*	
23 05 29 00-0467	EA	2" Sway Bracing	159.25	14.73
		For Work In Restricted Working Space, Add	*8.83*	
23 05 29 00-0468	EA	3" Sway Bracing	164.83	15.57
		For Work In Restricted Working Space, Add	*9.35*	
23 05 29 00-0469	EA	4" Sway Bracing	187.11	17.69
		For Work In Restricted Working Space, Add	*10.60*	
23 05 29 00-0470	EA	6" Sway Bracing	274.33	26.49
		For Work In Restricted Working Space, Add	*15.89*	

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23 05 29 00-0471	EA	8" Sway Bracing	302.60	33.05
		For Work In Restricted Working Space, Add	*19.87*	
23 05 29 00-0472	EA	10" Sway Bracing	338.81	44.19
		For Work In Restricted Working Space, Add	*26.49*	

23 05 29 00-0473 Pipe Stand With Adjustable Saddle (Cooper B-Line B3088T-18 Base, B3093 Adjustable Pipe Saddle) *(23 05 29 00-0001)*

Note: Heights listed is total for base and adjustable saddle

23 05 29 00-0474	EA	23" to 28" High Pipe Stand With Adjustable Saddle For 1-1/4" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	333.07	10.60
		For Work In Restricted Working Space, Add	*6.36*	
23 05 29 00-0475	EA	24" to 29" High Pipe Stand With Adjustable Saddle For 1-1/2" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	340.56	11.66
		For Work In Restricted Working Space, Add	*6.99*	
23 05 29 00-0476	EA	24" to 29" High Pipe Stand With Adjustable Saddle For 2" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	683.57	13.25
		For Work In Restricted Working Space, Add	*7.95*	
23 05 29 00-0477	EA	24" to 29" High Pipe Stand With Adjustable Saddle For 2-1/2" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	832.14	14.83
		For Work In Restricted Working Space, Add	*8.90*	
23 05 29 00-0478	EA	24" to 29" High Pipe Stand With Adjustable Saddle For 3" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	842.67	16.42
		For Work In Restricted Working Space, Add	*9.85*	
23 05 29 00-0479	EA	25" to 29" High Pipe Stand With Adjustable Saddle For 3-1/2" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	927.80	18.55
		For Work In Restricted Working Space, Add	*11.12*	
23 05 29 00-0480	EA	25" to 30" High Pipe Stand With Adjustable Saddle For 4" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	1,105.36	20.13
		For Work In Restricted Working Space, Add	*12.08*	
23 05 29 00-0481	EA	25" to 30" High Pipe Stand With Adjustable Saddle For 5" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	1,118.22	21.72
		For Work In Restricted Working Space, Add	*13.03*	
23 05 29 00-0482	EA	26" to 31" High Pipe Stand With Adjustable Saddle For 6" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	1,134.67	23.84
		For Work In Restricted Working Space, Add	*14.30*	
23 05 29 00-0483	EA	28" to 33" High Pipe Stand With Adjustable Saddle For 8" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	1,182.00	25.96
		For Work In Restricted Working Space, Add	*15.57*	
23 05 29 00-0484	EA	29" to 34" High Pipe Stand With Adjustable Saddle For 10" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	1,267.20	28.61
		For Work In Restricted Working Space, Add	*17.16*	
23 05 29 00-0485	EA	30" to 35" High Pipe Stand With Adjustable Saddle For 12" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	1,304.99	31.78
		For Work In Restricted Working Space, Add	*19.07*	
23 05 29 00-0486	EA	32" to 37" High Pipe Stand With Adjustable Saddle For 14" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	1,590.57	34.97
		For Work In Restricted Working Space, Add	*20.98*	
23 05 29 00-0487	EA	33" to 38" High Pipe Stand With Adjustable Saddle For 16" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	1,736.59	39.20
		For Work In Restricted Working Space, Add	*23.52*	
23 05 29 00-0488	EA	35" to 40" High Pipe Stand With Adjustable Saddle For 18" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	2,450.95	43.44
		For Work In Restricted Working Space, Add	*26.06*	
23 05 29 00-0489	EA	36" to 41" High Pipe Stand With Adjustable Saddle For 20" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	3,029.18	47.68
		For Work In Restricted Working Space, Add	*28.61*	
23 05 29 00-0490	EA	39" to 44" High Pipe Stand With Adjustable Saddle For 24" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	3,644.56	51.91
		For Work In Restricted Working Space, Add	*31.15*	

23 05 29 00-0491 Rooftop Pipe Supports *(23 05 29 00-0001)*

Note: Excludes pipe/conduit clamps and straps.

23 05 29 00-0492 Rooftop Support Base *(23 05 29 00-0491)*

23 05 29 00-0493	EA	4" x 6" x 4.8" Rooftop Support Base (Cooper B-Line Dura-Blok DBM)	42.52	8.63
23 05 29 00-0494	EA	4" x 6" x 9.6" Rooftop Support Base (Cooper B-Line Dura-Blok DBP)	59.45	11.51

23 05 29 00-0495 Rooftop Support Base With 14 Gauge Galvanized Channel *(23 05 29 00-0491)*

23 05 29 00-0496	EA	5" x 6" x 4.8" Rooftop Support Base With 14 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB5)	48.81	8.63
23 05 29 00-0497	EA	5" x 6" x 9.6" Rooftop Support Base With 14 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB10)	69.67	11.51
23 05 29 00-0498	EA	5" x 6" x 20.2" Rooftop Support Base With 14 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB20)	131.54	14.38
23 05 29 00-0499	EA	5" x 6" x 30.8" Rooftop Support Base With 14 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB30)	182.90	17.26
23 05 29 00-0500	EA	5" x 6" x 41.4" Rooftop Support Base With 14 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB40)	254.86	20.14
23 05 29 00-0501	EA	5" x 6" x 52" Rooftop Support Base With 14 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB48)	268.04	23.01

23 05 29 00-0502 Rooftop Support Base With 12 Gauge Galvanized Channel *(23 05 29 00-0491)*

23 05 29 00-0503	EA	6-7/16" x 6" x 9.6" Rooftop Support Base With 12 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB610)	86.37	11.51
23 05 29 00-0504	EA	6-7/16" x 6" x 20.2" Support Base With 14 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB620)	138.99	14.38
23 05 29 00-0505	EA	6-7/16" x 6" x 30.8" Rooftop Support Base With 12 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB630)	185.88	17.26

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23 05 29 00-0506	EA	6-7/16" x 6" x 41.4" Rooftop Support Base With 12 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB640)	255.02	20.14
23 05 29 00-0507	EA	6-7/16" x 6" x 52" Rooftop Support Base With 12 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB648)	289.17	17.26
23 05 29 00-0508		**Rooftop Bridge Support Base With 12 Gauge Galvanized Channel** *(23 05 29 00-0491)*		
23 05 29 00-0509	EA	5-5/8" x 6" x 28" Rooftop Bridge Support Base With 12 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB10-28)	145.51	17.26
23 05 29 00-0510	EA	5-5/8" x 6" x 36" Rooftop Bridge Support Base With 12 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB10-36)	165.52	20.14
23 05 29 00-0511	EA	5-5/8" x 6" x 42" Rooftop Bridge Support Base With 12 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB10-42)	171.22	23.01
23 05 29 00-0512	EA	5-5/8" x 6" x 50" Rooftop Bridge Support Base With 12 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB10-50)	187.12	25.89
23 05 29 00-0513	EA	5-5/8" x 6" x 60" Rooftop Bridge Support Base With 12 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB10-60)	241.31	28.77
23 05 29 00-0514		**Rooftop Pipe Support Base And Rod** *(23 05 29 00-0491)*		
23 05 29 00-0515	EA	9.69" To 11.19" Height Rooftop Pipe Support Base And Rod (Cooper B-Line Dura-Blok DBM-1/2CT)	106.14	11.51
23 05 29 00-0516	EA	9.84" To 11.34" Height Rooftop Pipe Support Base And Rod (Cooper B-Line Dura-Blok DBM-3/4CT)	106.14	11.51
23 05 29 00-0517	EA	9.95" To 11.45" Height Rooftop Pipe Support Base And Rod (Cooper B-Line Dura-Blok DBM-1CT)	106.77	11.51
23 05 29 00-0518	EA	10.13" To 11.63" Height Rooftop Pipe Support Base And Rod (Cooper B-Line Dura-Blok DBM-1-1/4CT)	113.17	14.38
23 05 29 00-0519	EA	10.28" To 11.78" Height Rooftop Pipe Support Base And Rod (Cooper B-Line Dura-Blok DBM-1-1/2CT)	108.60	14.38
23 05 29 00-0520	EA	10.53" To 12.03" Height Rooftop Pipe Support Base And Rod (Cooper B-Line Dura-Blok DBM-2CT)	114.46	14.38
23 05 29 00-0521		**Rooftop Support Base With 14 Gauge Galvanized Channel And Fixed Height Roller Assembly** *(23 05 29 00-0491)*		
23 05 29 00-0522	EA	7.09" x 6" x 9.6" Rooftop Support Base With 14 Gauge Galvanized Channel And Fixed Height Roller Assembly (Cooper B-Line Dura-Blok DBR2-3 1/2)	136.06	11.51
23 05 29 00-0523	EA	7.09" x 6" x 9.6" Rooftop Support Base With 14 Gauge Galvanized Channel And Fixed Height Roller Assembly (Cooper B-Line Dura-Blok DBR4-6)	152.47	11.51
23 05 29 00-0524	EA	8.34" x 6" x 20.2" Rooftop Support Base With 14 Gauge Galvanized Channel And Fixed Height Roller Assembly (Cooper B-Line Dura-Blok DBR8-10)	200.17	14.38
23 05 29 00-0525	EA	9.38" x 6" x 20.2" Rooftop Support Base With 14 Gauge Galvanized Channel And Fixed Height Roller Assembly (Cooper B-Line Dura-Blok DBR12-14)	267.23	14.38
23 05 29 00-0526	EA	9.78" x 6" x 20.2" Rooftop Support Base With 14 Gauge Galvanized Channel And Fixed Height Roller Assembly (Cooper B-Line Dura-Blok DBR16-20)	366.83	14.38
23 05 29 00-0527		**Rooftop Support Base And Adjustable Height Roller Assembly** *(23 05 29 00-0491)* Note: Includes base, two zinc all threaded rod risers and pipe roller.		
23 05 29 00-0528	EA	Up To 12" Height, 6" x 9.6" Rooftop Support Base And Adjustable Height Roller Assembly (Cooper B-Line Dura-Blok DBR10-12)	168.24	17.26
23 05 29 00-0529		**Rooftop Support Base And Adjustable Height Channel Assembly** *(23 05 29 00-0491)* Note: Includes base, two zinc all threaded rod and 14 gauge slotted channel.		
23 05 29 00-0530	EA	Up To 8" Height, 6" x 9.6" Rooftop Support Base And Adjustable Height Channel Assembly (Cooper B-Line Dura-Blok DBE10-8)	108.90	14.38
23 05 29 00-0531	EA	Up To 12" Height, 6" x 9.6" Rooftop Support Base And Adjustable Height Channel Assembly (Cooper B-Line Dura-Blok DBE10-12)	149.49	17.26
23 05 29 00-0532	EA	Up To 16" Height, 6" x 9.6" Rooftop Support Base And Adjustable Height Channel Assembly (Cooper B-Line Dura-Blok DBE10-16)	166.29	20.14
23 05 29 00-0533		**Rooftop Support Bases With Channel Support And Risers Assembly** *(23 05 29 00-0491)* Note: Includes two support bases, two 12 gauge galvanized channel risers and one 12 gauge galvanized channel support. Dimensions are "overall" (height x width x length).		
23 05 29 00-0534	EA	23" x 25-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB2318DS)	413.26	23.01
23 05 29 00-0535	EA	29" x 25-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB2918DS)	417.98	23.01
23 05 29 00-0536	EA	41" x 25-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB4118DS)	434.54	23.01
23 05 29 00-0537	EA	53" x 25-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB5318DS)	472.55	23.01
23 05 29 00-0538	EA	23" x 31-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB2324DS)	404.84	23.01
23 05 29 00-0539	EA	29" x 31-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB2924DS)	420.68	23.01
23 05 29 00-0540	EA	41" x 31-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB4124DS)	437.24	23.01
23 05 29 00-0541	EA	53" x 31-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB5324DS)	475.23	23.01
23 05 29 00-0542	EA	23" x 43-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB2336DS)	423.67	23.01
23 05 29 00-0543	EA	29" x 43-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB2936DS)	429.20	23.01
23 05 29 00-0544	EA	41" x 43-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB4136DS)	445.43	23.01

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0545	EA	53" x 43-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB5336DS)	483.60	23.01
23 05 29 00-0546	EA	23" x 55-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB2348DS)	442.91	23.01
23 05 29 00-0547	EA	29" x 55-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB2948DS)	447.95	23.01
23 05 29 00-0548	EA	41" x 55-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB4148DS)	464.19	23.01
23 05 29 00-0549	EA	53" x 55-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB5348DS)	502.35	23.01

23 05 29 00-0550 Threaded Rod, Accessories And Attachments *(23 05 29)*

23 05 29 00-0551 Threaded Rod And Rod Accessories *(23 05 29 00-0550)*

23 05 29 00-0552 Threaded Rod *(23 05 29 00-0551)*

Note: Fully threaded.

23 05 29 00-0553	LF	3/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	5.15	0.72
		For Galvanized, Add	*1.48*	
		For Zinc Plated, Add	*1.06*	
		For Work In Restricted Working Space, Add	*0.43*	
23 05 29 00-0554	LF	1/2" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	7.43	0.78
		For Galvanized, Add	*2.36*	
		For Zinc Plated, Add	*1.68*	
		For Work In Restricted Working Space, Add	*0.46*	
23 05 29 00-0555	LF	5/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	10.73	0.80
		For Galvanized, Add	*3.66*	
		For Zinc Plated, Add	*2.60*	
		For Work In Restricted Working Space, Add	*0.48*	
23 05 29 00-0556	LF	3/4" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	18.23	0.82
		For Galvanized, Add	*6.64*	
		For Zinc Plated, Add	*4.73*	
		For Work In Restricted Working Space, Add	*0.49*	
23 05 29 00-0557	LF	7/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	19.93	0.85
		For Galvanized, Add	*7.30*	
		For Zinc Plated, Add	*5.20*	
		For Work In Restricted Working Space, Add	*0.51*	
23 05 29 00-0558	LF	1" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	27.53	0.96
		For Galvanized, Add	*10.24*	
		For Zinc Plated, Add	*7.30*	
		For Work In Restricted Working Space, Add	*0.58*	
23 05 29 00-0559	LF	1-1/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	34.44	1.07
		For Galvanized, Add	*12.92*	
		For Zinc Plated, Add	*9.21*	
		For Work In Restricted Working Space, Add	*0.64*	

23 05 29 00-0560 Rod Couplings *(23 05 29 00-0551)*

23 05 29 00-0561	EA	3/8" Diameter, Threaded Rod Coupling Nut	8.88	
		For Work In Restricted Working Space, Add	*2.12*	
23 05 29 00-0562	EA	1/2" Diameter, Threaded Rod Coupling Nut	10.12	
		For Work In Restricted Working Space, Add	*2.36*	
23 05 29 00-0563	EA	5/8" Diameter, Threaded Rod Coupling Nut	12.88	
		For Work In Restricted Working Space, Add	*2.66*	
23 05 29 00-0564	EA	3/4" Diameter, Threaded Rod Coupling Nut	15.95	
		For Work In Restricted Working Space, Add	*2.90*	
23 05 29 00-0565	EA	7/8" Diameter, Threaded Rod Coupling Nut	24.17	
		For Work In Restricted Working Space, Add	*3.18*	
23 05 29 00-0566	EA	1" Diameter, Threaded Rod Coupling Nut	28.69	
		For Work In Restricted Working Space, Add	*3.74*	
23 05 29 00-0567	EA	1-1/8" Diameter, Threaded Rod Coupling Nut	57.05	
		For Work In Restricted Working Space, Add	*4.24*	

23 05 29 00-0568 Flat Washers *(23 05 29 00-0551)*

Note: Zinc plated.

23 05 29 00-0569	EA	3/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.64	0.23
		For Galvanized, Add	*0.04*	
		For Work In Restricted Working Space, Add	*0.14*	
23 05 29 00-0570	EA	1/2" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.88	0.23
		For Galvanized, Add	*0.09*	
		For Work In Restricted Working Space, Add	*0.16*	
23 05 29 00-0571	EA	5/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	1.30	0.34
		For Galvanized, Add	*0.17*	
		For Work In Restricted Working Space, Add	*0.19*	
23 05 29 00-0572	EA	3/4" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	1.78	0.34
		For Galvanized, Add	*0.24*	
		For Work In Restricted Working Space, Add	*0.25*	
23 05 29 00-0573	EA	7/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	2.09	0.46
		For Galvanized, Add	*0.28*	
		For Work In Restricted Working Space, Add	*0.29*	
23 05 29 00-0574	EA	1" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	2.46	0.46
		For Galvanized, Add	*0.35*	
		For Work In Restricted Working Space, Add	*0.32*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0575	EA	1-1/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	2.77	0.57
		For Galvanized, Add	*0.39*	
		For Work In Restricted Working Space, Add	*0.36*	

23 05 29 00-0576 Hex Nuts *(23 05 29 00-0551)*

Note: Grade 2 and zinc plated.

23 05 29 00-0577	EA	3/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	0.78	0.29
		For Galvanized, Add	*0.03*	
		For Work In Restricted Working Space, Add	*0.20*	
23 05 29 00-0578	EA	1/2" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	1.02	0.29
		For Galvanized, Add	*0.07*	
		For Work In Restricted Working Space, Add	*0.22*	
23 05 29 00-0579	EA	5/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	1.42	0.29
		For Galvanized, Add	*0.17*	
		For Work In Restricted Working Space, Add	*0.23*	
23 05 29 00-0580	EA	3/4" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	1.69	0.57
		For Galvanized, Add	*0.22*	
		For Work In Restricted Working Space, Add	*0.24*	
23 05 29 00-0581	EA	7/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	2.53	0.57
		For Galvanized, Add	*0.42*	
		For Work In Restricted Working Space, Add	*0.26*	
23 05 29 00-0582	EA	1" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	3.23	0.57
		For Galvanized, Add	*0.57*	
		For Work In Restricted Working Space, Add	*0.29*	
23 05 29 00-0583	EA	1-1/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	5.37	0.57
		For Galvanized, Add	*1.08*	
		For Work In Restricted Working Space, Add	*0.32*	

23 05 29 00-0584 Turnbuckle (Cooper B-Line B3202) *(23 05 29 00-0551)*

Note: Type 13.

23 05 29 00-0585	EA	3/8" Turnbuckle (Cooper B-Line B3202)	27.72	5.75
		For Work In Restricted Working Space, Add	*3.45*	
23 05 29 00-0586	EA	1/2" Turnbuckle (Cooper B-Line B3202)	32.95	6.32
		For Work In Restricted Working Space, Add	*3.84*	
23 05 29 00-0587	EA	5/8" Turnbuckle (Cooper B-Line B3202)	35.47	6.91
		For Work In Restricted Working Space, Add	*4.32*	
23 05 29 00-0588	EA	3/4" Turnbuckle (Cooper B-Line B3202)	44.68	8.07
		For Work In Restricted Working Space, Add	*4.94*	
23 05 29 00-0589	EA	7/8" Turnbuckle (Cooper B-Line B3202)	57.89	8.64
		For Work In Restricted Working Space, Add	*5.76*	
23 05 29 00-0590	EA	1" Turnbuckle (Cooper B-Line B3202)	71.88	9.22
		For Work In Restricted Working Space, Add	*6.92*	
23 05 29 00-0591	EA	1-1/8" Turnbuckle (Cooper B-Line B3202)	99.79	10.38
		For Work In Restricted Working Space, Add	*8.64*	

23 05 29 00-0592 Swivel Turnbuckle (Cooper B-Line B3224) *(23 05 29 00-0551)*

Note: Type 15.

23 05 29 00-0593	EA	3/8" Swivel Turnbuckle (Cooper B-Line B3224)	17.48	5.75
		For Work In Restricted Working Space, Add	*3.45*	
23 05 29 00-0594	EA	1/2" Swivel Turnbuckle (Cooper B-Line B3224)	20.23	6.44
		For Work In Restricted Working Space, Add	*3.84*	
23 05 29 00-0595	EA	5/8" Swivel Turnbuckle (Cooper B-Line B3224)	26.89	7.14
		For Work In Restricted Working Space, Add	*4.32*	
23 05 29 00-0596	EA	3/4" Swivel Turnbuckle (Cooper B-Line B3224)	32.52	8.18
		For Work In Restricted Working Space, Add	*4.94*	

23 05 29 00-0597 Forged Steel Clevis (Cooper B-Line B3201) *(23 05 29 00-0551)*

Note: Type 14.

23 05 29 00-0598	EA	3-9/16" Forged Steel Clevis With Pin, 3/8" To 5/8" Rod Size (Cooper B-Line B3201)	92.74	10.60
		For Work In Restricted Working Space, Add	*6.36*	
23 05 29 00-0599	EA	4" Forged Steel Clevis With Pin, 3/4" To 7/8" Rod Size (Cooper B-Line B3201)	136.99	11.12
		For Work In Restricted Working Space, Add	*6.69*	
23 05 29 00-0600	EA	5-1/16" Forged Steel Clevis With Pin, 1" Rod Size (Cooper B-Line B3201)	148.18	11.66
		For Work In Restricted Working Space, Add	*7.06*	
23 05 29 00-0601	EA	5-1/16" Forged Steel Clevis With Pin, 1-1/8" Rod Size (Cooper B-Line B3201)	154.30	12.71
		For Work In Restricted Working Space, Add	*7.48*	
23 05 29 00-0602	EA	5-1/16" Forged Steel Clevis With Pin, 1-1/4" Rod Size (Cooper B-Line B3201)	162.36	14.31
		For Work In Restricted Working Space, Add	*8.48*	
23 05 29 00-0603	EA	6" Forged Steel Clevis With Pin, 1-1/2" Rod Size (Cooper B-Line B3201)	270.76	18.55
		For Work In Restricted Working Space, Add	*11.12*	
23 05 29 00-0604	EA	5-15/16" Forged Steel Clevis With Pin, 1-3/4" Rod Size (Cooper B-Line B3201)	293.83	21.19
		For Work In Restricted Working Space, Add	*12.71*	
23 05 29 00-0605	EA	7" Forged Steel Clevis With Pin, 2" Rod Size (Cooper B-Line B3201)	346.32	26.49
		For Work In Restricted Working Space, Add	*15.89*	

23 05 29 00-0606 Welded Eye Rod (Cooper B-Line B3211) *(23 05 29 00-0551)*

23 05 29 00-0607	EA	3/8" Diameter x 8" Length Shank, Welded Eye Rod	27.55	6.21
		For Work In Restricted Working Space, Add	*3.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0608	EA	3/8" Diameter x 10" Length Shank, Welded Eye Rod	28.43	6.32
		For Work In Restricted Working Space, Add	*3.81*	
23 05 29 00-0609	EA	3/8" Diameter x 12" Length Shank, Welded Eye Rod	29.31	6.44
		For Work In Restricted Working Space, Add	*3.88*	
23 05 29 00-0610	EA	3/8" Diameter x 14" Length Shank, Welded Eye Rod	29.55	6.56
		For Work In Restricted Working Space, Add	*3.95*	
23 05 29 00-0611	EA	3/8" Diameter x 18" Length Shank, Welded Eye Rod	31.33	6.79
		For Work In Restricted Working Space, Add	*4.10*	
23 05 29 00-0612	EA	3/8" Diameter x 24" Length Shank, Welded Eye Rod	33.38	7.25
		For Work In Restricted Working Space, Add	*4.31*	
23 05 29 00-0613	EA	3/8" Diameter x 30" Length Shank, Welded Eye Rod	34.74	7.59
		For Work In Restricted Working Space, Add	*4.53*	
23 05 29 00-0614	EA	3/8" Diameter x 36" Length Shank, Welded Eye Rod	37.44	7.93
		For Work In Restricted Working Space, Add	*4.75*	
23 05 29 00-0615	EA	3/8" Diameter x 42" Length Shank, Welded Eye Rod	39.46	8.29
		For Work In Restricted Working Space, Add	*4.96*	
23 05 29 00-0616	EA	3/8" Diameter x 48" Length Shank, Welded Eye Rod	41.50	8.63
		For Work In Restricted Working Space, Add	*5.18*	
23 05 29 00-0617	EA	1/2" Diameter x 8" Length Shank, Welded Eye Rod	36.74	6.91
		For Work In Restricted Working Space, Add	*4.15*	
23 05 29 00-0618	EA	1/2" Diameter x 10" Length Shank, Welded Eye Rod	37.63	7.03
		For Work In Restricted Working Space, Add	*4.22*	
23 05 29 00-0619	EA	1/2" Diameter x 12" Length Shank, Welded Eye Rod	38.56	7.14
		For Work In Restricted Working Space, Add	*4.30*	
23 05 29 00-0620	EA	1/2" Diameter x 14" Length Shank, Welded Eye Rod	39.47	7.26
		For Work In Restricted Working Space, Add	*4.37*	
23 05 29 00-0621	EA	1/2" Diameter x 18" Length Shank, Welded Eye Rod	41.29	7.49
		For Work In Restricted Working Space, Add	*4.53*	
23 05 29 00-0622	EA	1/2" Diameter x 24" Length Shank, Welded Eye Rod	44.67	7.95
		For Work In Restricted Working Space, Add	*4.76*	
23 05 29 00-0623	EA	1/2" Diameter x 30" Length Shank, Welded Eye Rod	47.41	8.30
		For Work In Restricted Working Space, Add	*4.99*	
23 05 29 00-0624	EA	1/2" Diameter x 36" Length Shank, Welded Eye Rod	50.79	8.64
		For Work In Restricted Working Space, Add	*5.22*	
23 05 29 00-0625	EA	1/2" Diameter x 42" Length Shank, Welded Eye Rod	53.50	9.11
		For Work In Restricted Working Space, Add	*5.45*	
23 05 29 00-0626	EA	1/2" Diameter x 48" Length Shank, Welded Eye Rod	56.26	9.45
		For Work In Restricted Working Space, Add	*5.68*	
23 05 29 00-0627	EA	5/8" Diameter x 8" Length Shank, Welded Eye Rod	49.51	7.73
		For Work In Restricted Working Space, Add	*4.64*	
23 05 29 00-0628	EA	5/8" Diameter x 10" Length Shank, Welded Eye Rod	51.07	7.84
		For Work In Restricted Working Space, Add	*4.72*	
23 05 29 00-0629	EA	5/8" Diameter x 12" Length Shank, Welded Eye Rod	52.67	7.95
		For Work In Restricted Working Space, Add	*4.80*	
23 05 29 00-0630	EA	5/8" Diameter x 14" Length Shank, Welded Eye Rod	53.59	8.18
		For Work In Restricted Working Space, Add	*4.88*	
23 05 29 00-0631	EA	5/8" Diameter x 18" Length Shank, Welded Eye Rod	56.08	8.41
		For Work In Restricted Working Space, Add	*5.04*	
23 05 29 00-0632	EA	5/8" Diameter x 24" Length Shank, Welded Eye Rod	60.15	8.75
		For Work In Restricted Working Space, Add	*5.28*	
23 05 29 00-0633	EA	5/8" Diameter x 30" Length Shank, Welded Eye Rod	64.21	9.22
		For Work In Restricted Working Space, Add	*5.51*	
23 05 29 00-0634	EA	5/8" Diameter x 36" Length Shank, Welded Eye Rod	67.62	9.57
		For Work In Restricted Working Space, Add	*5.75*	
23 05 29 00-0635	EA	5/8" Diameter x 42" Length Shank, Welded Eye Rod	71.70	10.02
		For Work In Restricted Working Space, Add	*5.99*	
23 05 29 00-0636	EA	5/8" Diameter x 48" Length Shank, Welded Eye Rod	75.75	10.38
		For Work In Restricted Working Space, Add	*6.23*	
23 05 29 00-0637	EA	3/4" Diameter x 8" Length Shank, Welded Eye Rod	60.78	8.75
		For Work In Restricted Working Space, Add	*5.27*	
23 05 29 00-0638	EA	3/4" Diameter x 10" Length Shank, Welded Eye Rod	63.02	8.87
		For Work In Restricted Working Space, Add	*5.35*	
23 05 29 00-0639	EA	3/4" Diameter x 12" Length Shank, Welded Eye Rod	64.59	9.11
		For Work In Restricted Working Space, Add	*5.43*	
23 05 29 00-0640	EA	3/4" Diameter x 14" Length Shank, Welded Eye Rod	66.83	9.22
		For Work In Restricted Working Space, Add	*5.52*	
23 05 29 00-0641	EA	3/4" Diameter x 18" Length Shank, Welded Eye Rod	70.66	9.45
		For Work In Restricted Working Space, Add	*5.68*	
23 05 29 00-0642	EA	3/4" Diameter x 24" Length Shank, Welded Eye Rod	76.04	9.91
		For Work In Restricted Working Space, Add	*5.93*	
23 05 29 00-0643	EA	3/4" Diameter x 30" Length Shank, Welded Eye Rod	81.44	10.25
		For Work In Restricted Working Space, Add	*6.17*	
23 05 29 00-0644	EA	3/4" Diameter x 36" Length Shank, Welded Eye Rod	87.51	10.72
		For Work In Restricted Working Space, Add	*6.42*	
23 05 29 00-0645	EA	3/4" Diameter x 42" Length Shank, Welded Eye Rod	93.54	11.06
		For Work In Restricted Working Space, Add	*6.66*	
23 05 29 00-0646	EA	3/4" Diameter x 48" Length Shank, Welded Eye Rod	98.95	11.52
		For Work In Restricted Working Space, Add	*6.91*	
23 05 29 00-0647	EA	7/8" Diameter x 8" Length Shank, Welded Eye Rod	72.75	10.14
		For Work In Restricted Working Space, Add	*6.12*	
23 05 29 00-0648	EA	7/8" Diameter x 10" Length Shank, Welded Eye Rod	75.64	10.38
		For Work In Restricted Working Space, Add	*6.20*	
23 05 29 00-0649	EA	7/8" Diameter x 12" Length Shank, Welded Eye Rod	77.90	10.49
		For Work In Restricted Working Space, Add	*6.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0650	EA	7/8" Diameter x 14" Length Shank, Welded Eye Rod	80.14	10.61
		For Work In Restricted Working Space, Add	*6.37*	
23 05 29 00-0651	EA	7/8" Diameter x 18" Length Shank, Welded Eye Rod	84.66	10.95
		For Work In Restricted Working Space, Add	*6.54*	
23 05 29 00-0652	EA	7/8" Diameter x 24" Length Shank, Welded Eye Rod	92.04	11.29
		For Work In Restricted Working Space, Add	*6.80*	
23 05 29 00-0653	EA	7/8" Diameter x 30" Length Shank, Welded Eye Rod	98.78	11.76
		For Work In Restricted Working Space, Add	*7.05*	
23 05 29 00-0654	EA	7/8" Diameter x 36" Length Shank, Welded Eye Rod	106.18	12.22
		For Work In Restricted Working Space, Add	*7.31*	
23 05 29 00-0655	EA	7/8" Diameter x 42" Length Shank, Welded Eye Rod	112.92	12.56
		For Work In Restricted Working Space, Add	*7.56*	
23 05 29 00-0656	EA	7/8" Diameter x 48" Length Shank, Welded Eye Rod	119.67	13.02
		For Work In Restricted Working Space, Add	*7.82*	
23 05 29 00-0657	EA	1" Diameter x 8" Length Shank, Welded Eye Rod	91.10	12.22
		For Work In Restricted Working Space, Add	*7.30*	
23 05 29 00-0658	EA	1" Diameter x 10" Length Shank, Welded Eye Rod	94.04	12.33
		For Work In Restricted Working Space, Add	*7.40*	
23 05 29 00-0659	EA	1" Diameter x 12" Length Shank, Welded Eye Rod	96.98	12.45
		For Work In Restricted Working Space, Add	*7.49*	
23 05 29 00-0660	EA	1" Diameter x 14" Length Shank, Welded Eye Rod	99.91	12.67
		For Work In Restricted Working Space, Add	*7.58*	
23 05 29 00-0661	EA	1" Diameter x 18" Length Shank, Welded Eye Rod	105.77	13.02
		For Work In Restricted Working Space, Add	*7.78*	
23 05 29 00-0662	EA	1" Diameter x 24" Length Shank, Welded Eye Rod	114.60	13.49
		For Work In Restricted Working Space, Add	*8.07*	
23 05 29 00-0663	EA	1" Diameter x 30" Length Shank, Welded Eye Rod	123.43	13.94
		For Work In Restricted Working Space, Add	*8.36*	
23 05 29 00-0664	EA	1" Diameter x 36" Length Shank, Welded Eye Rod	132.86	14.40
		For Work In Restricted Working Space, Add	*8.64*	
23 05 29 00-0665	EA	1" Diameter x 42" Length Shank, Welded Eye Rod	141.68	14.87
		For Work In Restricted Working Space, Add	*8.93*	
23 05 29 00-0666	EA	1" Diameter x 48" Length Shank, Welded Eye Rod	150.51	15.33
		For Work In Restricted Working Space, Add	*9.22*	

23 05 29 00-0667 Welded Linked Eye Rod (Cooper B-Line B3211X) *(23 05 29 00-0551)*

23 05 29 00-0668	EA	3/8" Diameter x 16" Length Shank, Linked Welded Eye Rod	57.42	8.40
		For Work In Restricted Working Space, Add	*5.06*	
23 05 29 00-0669	EA	3/8" Diameter x 20" Length Shank, Linked Welded Eye Rod	58.97	8.63
		For Work In Restricted Working Space, Add	*5.21*	
23 05 29 00-0670	EA	3/8" Diameter x 24" Length Shank, Linked Welded Eye Rod	60.53	8.97
		For Work In Restricted Working Space, Add	*5.35*	
23 05 29 00-0671	EA	3/8" Diameter x 30" Length Shank, Linked Welded Eye Rod	61.26	9.32
		For Work In Restricted Working Space, Add	*5.57*	
23 05 29 00-0672	EA	3/8" Diameter x 36" Length Shank, Linked Welded Eye Rod	64.13	9.67
		For Work In Restricted Working Space, Add	*5.78*	
23 05 29 00-0673	EA	3/8" Diameter x 48" Length Shank, Linked Welded Eye Rod	67.79	10.35
		For Work In Restricted Working Space, Add	*6.21*	
23 05 29 00-0674	EA	3/8" Diameter x 60" Length Shank, Linked Welded Eye Rod	70.30	11.05
		For Work In Restricted Working Space, Add	*6.65*	
23 05 29 00-0675	EA	3/8" Diameter x 72" Length Shank, Linked Welded Eye Rod	75.02	11.85
		For Work In Restricted Working Space, Add	*7.07*	
23 05 29 00-0676	EA	1/2" Diameter x 16" Length Shank, Linked Welded Eye Rod	74.18	9.34
		For Work In Restricted Working Space, Add	*5.60*	
23 05 29 00-0677	EA	1/2" Diameter x 20" Length Shank, Linked Welded Eye Rod	75.77	9.57
		For Work In Restricted Working Space, Add	*5.76*	
23 05 29 00-0678	EA	1/2" Diameter x 24" Length Shank, Linked Welded Eye Rod	77.41	9.79
		For Work In Restricted Working Space, Add	*5.91*	
23 05 29 00-0679	EA	1/2" Diameter x 30" Length Shank, Linked Welded Eye Rod	79.27	10.25
		For Work In Restricted Working Space, Add	*6.14*	
23 05 29 00-0680	EA	1/2" Diameter x 36" Length Shank, Linked Welded Eye Rod	82.18	10.61
		For Work In Restricted Working Space, Add	*6.37*	
23 05 29 00-0681	EA	1/2" Diameter x 48" Length Shank, Linked Welded Eye Rod	88.10	11.41
		For Work In Restricted Working Space, Add	*6.83*	
23 05 29 00-0682	EA	1/2" Diameter x 60" Length Shank, Linked Welded Eye Rod	92.92	12.10
		For Work In Restricted Working Space, Add	*7.29*	
23 05 29 00-0683	EA	1/2" Diameter x 72" Length Shank, Linked Welded Eye Rod	98.82	12.90
		For Work In Restricted Working Space, Add	*7.75*	
23 05 29 00-0684	EA	5/8" Diameter x 16" Length Shank, Linked Welded Eye Rod	99.23	10.38
		For Work In Restricted Working Space, Add	*6.26*	
23 05 29 00-0685	EA	5/8" Diameter x 20" Length Shank, Linked Welded Eye Rod	101.91	10.72
		For Work In Restricted Working Space, Add	*6.41*	
23 05 29 00-0686	EA	5/8" Diameter x 24" Length Shank, Linked Welded Eye Rod	104.65	10.95
		For Work In Restricted Working Space, Add	*6.57*	
23 05 29 00-0687	EA	5/8" Diameter x 30" Length Shank, Linked Welded Eye Rod	106.54	11.41
		For Work In Restricted Working Space, Add	*6.81*	
23 05 29 00-0688	EA	5/8" Diameter x 36" Length Shank, Linked Welded Eye Rod	110.60	11.76
		For Work In Restricted Working Space, Add	*7.05*	
23 05 29 00-0689	EA	5/8" Diameter x 48" Length Shank, Linked Welded Eye Rod	117.65	12.56
		For Work In Restricted Working Space, Add	*7.53*	
23 05 29 00-0690	EA	5/8" Diameter x 60" Length Shank, Linked Welded Eye Rod	124.67	13.37
		For Work In Restricted Working Space, Add	*8.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0691	EA	5/8" Diameter x 72" Length Shank, Linked Welded Eye Rod	130.63	14.17
		For Work In Restricted Working Space, Add	*8.48*	
23 05 29 00-0692	EA	3/4" Diameter x 16" Length Shank, Linked Welded Eye Rod	125.41	11.76
		For Work In Restricted Working Space, Add	*7.08*	
23 05 29 00-0693	EA	3/4" Diameter x 20" Length Shank, Linked Welded Eye Rod	129.28	12.10
		For Work In Restricted Working Space, Add	*7.25*	
23 05 29 00-0694	EA	3/4" Diameter x 24" Length Shank, Linked Welded Eye Rod	131.98	12.33
		For Work In Restricted Working Space, Add	*7.41*	
23 05 29 00-0695	EA	3/4" Diameter x 30" Length Shank, Linked Welded Eye Rod	136.07	12.79
		For Work In Restricted Working Space, Add	*7.66*	
23 05 29 00-0696	EA	3/4" Diameter x 36" Length Shank, Linked Welded Eye Rod	142.34	13.14
		For Work In Restricted Working Space, Add	*7.90*	
23 05 29 00-0697	EA	3/4" Diameter x 48" Length Shank, Linked Welded Eye Rod	151.59	13.94
		For Work In Restricted Working Space, Add	*8.39*	
23 05 29 00-0698	EA	3/4" Diameter x 60" Length Shank, Linked Welded Eye Rod	160.87	14.75
		For Work In Restricted Working Space, Add	*8.88*	
23 05 29 00-0699	EA	3/4" Diameter x 72" Length Shank, Linked Welded Eye Rod	171.25	15.67
		For Work In Restricted Working Space, Add	*9.38*	
23 05 29 00-0700	EA	7/8" Diameter x 16" Length Shank, Linked Welded Eye Rod	150.63	13.60
		For Work In Restricted Working Space, Add	*8.19*	
23 05 29 00-0701	EA	7/8" Diameter x 20" Length Shank, Linked Welded Eye Rod	155.56	13.94
		For Work In Restricted Working Space, Add	*8.36*	
23 05 29 00-0702	EA	7/8" Diameter x 24" Length Shank, Linked Welded Eye Rod	159.41	14.17
		For Work In Restricted Working Space, Add	*8.53*	
23 05 29 00-0703	EA	7/8" Diameter x 30" Length Shank, Linked Welded Eye Rod	163.52	14.64
		For Work In Restricted Working Space, Add	*8.78*	
23 05 29 00-0704	EA	7/8" Diameter x 36" Length Shank, Linked Welded Eye Rod	170.96	15.10
		For Work In Restricted Working Space, Add	*9.04*	
23 05 29 00-0705	EA	7/8" Diameter x 48" Length Shank, Linked Welded Eye Rod	183.55	15.91
		For Work In Restricted Working Space, Add	*9.55*	
23 05 29 00-0706	EA	7/8" Diameter x 60" Length Shank, Linked Welded Eye Rod	195.06	16.82
		For Work In Restricted Working Space, Add	*10.06*	
23 05 29 00-0707	EA	7/8" Diameter x 72" Length Shank, Linked Welded Eye Rod	207.68	17.63
		For Work In Restricted Working Space, Add	*10.58*	
23 05 29 00-0708	EA	1" Diameter x 16" Length Shank, Linked Welded Eye Rod	191.84	16.25
		For Work In Restricted Working Space, Add	*9.76*	
23 05 29 00-0709	EA	1" Diameter x 20" Length Shank, Linked Welded Eye Rod	196.85	16.59
		For Work In Restricted Working Space, Add	*9.95*	
23 05 29 00-0710	EA	1" Diameter x 24" Length Shank, Linked Welded Eye Rod	201.86	16.94
		For Work In Restricted Working Space, Add	*10.14*	
23 05 29 00-0711	EA	1" Diameter x 30" Length Shank, Linked Welded Eye Rod	207.19	17.41
		For Work In Restricted Working Space, Add	*10.43*	
23 05 29 00-0712	EA	1" Diameter x 36" Length Shank, Linked Welded Eye Rod	216.83	17.86
		For Work In Restricted Working Space, Add	*10.72*	
23 05 29 00-0713	EA	1" Diameter x 48" Length Shank, Linked Welded Eye Rod	231.87	18.79
		For Work In Restricted Working Space, Add	*11.30*	
23 05 29 00-0714	EA	1" Diameter x 60" Length Shank, Linked Welded Eye Rod	246.91	19.82
		For Work In Restricted Working Space, Add	*11.87*	
23 05 29 00-0715	EA	1" Diameter x 72" Length Shank, Linked Welded Eye Rod	262.94	20.74
		For Work In Restricted Working Space, Add	*12.45*	

23 05 29 00-0716 Attachments *(23 05 29 00-0550)*

23 05 29 00-0717 Welded Beam Attachments (B-Line B-3083) *(23 05 29 00-0716)*

Note: Type 22.

23 05 29 00-0718	EA	3/8" Rod Size, Welded Beam Attachment With Pin (B-Line B-3083)	49.14	10.71
		For Work In Restricted Working Space, Add	*6.42*	
23 05 29 00-0719	EA	1/2" Rod Size, Welded Beam Attachment With Pin (B-Line B-3083)	52.49	11.26
		For Work In Restricted Working Space, Add	*6.77*	
23 05 29 00-0720	EA	5/8" Rod Size, Welded Beam Attachment With Pin (B-Line B-3083)	55.90	11.90
		For Work In Restricted Working Space, Add	*7.15*	
23 05 29 00-0721	EA	3/4" Rod Size, Welded Beam Attachment With Pin (B-Line B-3083)	71.67	12.66
		For Work In Restricted Working Space, Add	*7.57*	
23 05 29 00-0722	EA	7/8" Rod Size, Welded Beam Attachment With Pin (B-Line B-3083)	86.24	13.40
		For Work In Restricted Working Space, Add	*8.04*	
23 05 29 00-0723	EA	1" Rod Size, Welded Beam Attachment With Pin (B-Line B-3083)	121.38	15.34
		For Work In Restricted Working Space, Add	*9.19*	
23 05 29 00-0724	EA	1-1/8" Rod Size, Welded Beam Attachment With Pin (B-Line B-3083)	172.66	16.09
		For Work In Restricted Working Space, Add	*9.65*	

23 05 29 00-0725 C-Clamp Style Beam Clamps (B-Line B-3034) *(23 05 29 00-0716)*

Note: Type 23. Top or bottom flange mount.

23 05 29 00-0726	EA	3/8" Rod Size, C-Clamp Style Beam Clamp (B-Line B-3034)	17.77	5.87
		For Work In Restricted Working Space, Add	*4.31*	
23 05 29 00-0727	EA	1/2" Rod Size, C-Clamp Style Beam Clamp (B-Line B-3034)	21.23	7.49
		For Work In Restricted Working Space, Add	*4.61*	
23 05 29 00-0728	EA	5/8" Rod Size, C-Clamp Style Beam Clamp (B-Line B-3034)	24.10	8.07
		For Work In Restricted Working Space, Add	*4.94*	
23 05 29 00-0729	EA	3/4" Rod Size, C-Clamp Style Beam Clamp (B-Line B-3034)	30.98	8.64
		For Work In Restricted Working Space, Add	*5.32*	
23 05 29 00-0730	EA	7/8" Rod Size, C-Clamp Style Beam Clamp (B-Line B-3034)	44.95	9.22
		For Work In Restricted Working Space, Add	*5.76*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

23 05 29 00-0731 Bottom Mount I-Beam Clamps (B-Line B-3055) *(23 05 29 00-0716)*

Note: Type 21. For attaching threaded rod centered under beam flanges.

23 05 29 00-0732	EA	3/8" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp (B-Line B-3055)	48.95	8.06
		For Work In Restricted Working Space, Add	*5.75*	
23 05 29 00-0733	EA	1/2" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp (B-Line B-3055)	71.98	10.38
		For Work In Restricted Working Space, Add	*6.29*	
23 05 29 00-0734	EA	5/8" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp (B-Line B-3055)	102.84	11.52
		For Work In Restricted Working Space, Add	*6.92*	
23 05 29 00-0735	EA	3/4" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp (B-Line B-3055)	123.09	12.67
		For Work In Restricted Working Space, Add	*7.68*	
23 05 29 00-0736	EA	1" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp (B-Line B-3055)	297.97	13.83
		For Work In Restricted Working Space, Add	*8.64*	

23 05 29 00-0737 Steel U-Bolts (B-Line B-3188) *(23 05 29 00-0716)*

Note: Type 24. Includes plate and nuts.

23 05 29 00-0738	EA	1/2" Pipe Size, Steel U-Bolt (B-Line B-3188)	14.49	2.88
		For Work In Restricted Working Space, Add	*3.45*	
23 05 29 00-0739	EA	3/4" Pipe Size, Steel U-Bolt (B-Line B-3188)	15.72	3.45
		For Work In Restricted Working Space, Add	*3.63*	
23 05 29 00-0740	EA	1" Pipe Size, Steel U-Bolt (B-Line B-3188)	16.92	3.45
		For Work In Restricted Working Space, Add	*3.84*	
23 05 29 00-0741	EA	1-1/4" Pipe Size, Steel U-Bolt (B-Line B-3188)	19.23	3.45
		For Work In Restricted Working Space, Add	*4.06*	
23 05 29 00-0742	EA	1-1/2" Pipe Size, Steel U-Bolt (B-Line B-3188)	19.86	4.03
		For Work In Restricted Working Space, Add	*4.31*	
23 05 29 00-0743	EA	2" Pipe Size, Steel U-Bolt (B-Line B-3188)	21.27	4.03
		For Work In Restricted Working Space, Add	*4.61*	
23 05 29 00-0744	EA	2-1/2" Pipe Size, Steel U-Bolt (B-Line B-3188)	30.61	4.03
		For Work In Restricted Working Space, Add	*4.93*	
23 05 29 00-0745	EA	3" Pipe Size, Steel U-Bolt (B-Line B-3188)	33.75	4.60
		For Work In Restricted Working Space, Add	*5.31*	
23 05 29 00-0746	EA	4" Pipe Size, Steel U-Bolt (B-Line B-3188)	40.77	5.18
		For Work In Restricted Working Space, Add	*5.75*	

23 05 29 00-0747 Copper Standoff Brackets With Flange *(23 05 29 00-0716)*

Note: Installed in wood, concrete, concrete block or steel.

23 05 29 00-0748	EA	Clamp Size 1/2", Copper Standoff Brackets With Flange	34.79	16.48
		For Work In Restricted Working Space, Add	*9.88*	
23 05 29 00-0749	EA	Clamp Size 3/4", Copper Standoff Brackets With Flange	34.90	16.48
		For Work In Restricted Working Space, Add	*9.88*	
23 05 29 00-0750	EA	Clamp Size 1", Copper Standoff Brackets With Flange	35.01	16.48
		For Work In Restricted Working Space, Add	*9.88*	
23 05 29 00-0751	EA	Clamp Size 1 1/4", Copper Standoff Brackets With Flange	37.23	17.52
		For Work In Restricted Working Space, Add	*10.48*	
23 05 29 00-0752	EA	Clamp Size 1 1/2", Copper Standoff Brackets With Flange	37.45	17.52
		For Work In Restricted Working Space, Add	*10.48*	

23 05 29 00-0753 Malleable Iron Eye Sockets (B-Line B-3222) *(23 05 29 00-0716)*

Note: Type 16.

23 05 29 00-0754	EA	3/8" Rod Size, Malleable Iron Eye Socket	11.01	1.73
		For Work In Restricted Working Space, Add	*1.05*	
23 05 29 00-0755	EA	1/2" Rod Size, Malleable Iron Eye Socket	14.03	2.31
		For Work In Restricted Working Space, Add	*1.38*	
23 05 29 00-0756	EA	5/8" Rod Size, Malleable Iron Eye Socket	23.99	2.31
		For Work In Restricted Working Space, Add	*1.40*	
23 05 29 00-0757	EA	3/4" Rod Size, Malleable Iron Eye Socket	33.76	2.31
		For Work In Restricted Working Space, Add	*1.38*	
23 05 29 00-0758	EA	7/8" Rod Size, Malleable Iron Eye Socket	36.48	2.88
		For Work In Restricted Working Space, Add	*1.73*	

23 05 29 00-0759 Steel Weldless Eye Nuts (B-Line B-3200) *(23 05 29 00-0716)*

Note: Type 17.

23 05 29 00-0760	EA	3/8" Rod Size, Steel Weldless Eye Nut	35.57	1.73
		For Work In Restricted Working Space, Add	*1.05*	
23 05 29 00-0761	EA	1/2" Rod Size, Steel Weldless Eye Nut	36.68	2.31
		For Work In Restricted Working Space, Add	*1.38*	
23 05 29 00-0762	EA	5/8" Rod Size, Steel Weldless Eye Nut	36.72	2.31
		For Work In Restricted Working Space, Add	*1.40*	
23 05 29 00-0763	EA	3/4" Rod Size, Steel Weldless Eye Nut	36.68	2.31
		For Work In Restricted Working Space, Add	*1.38*	
23 05 29 00-0764	EA	7/8" Rod Size, Steel Weldless Eye Nut	71.37	2.54
		For Work In Restricted Working Space, Add	*1.56*	
23 05 29 00-0765	EA	1" Rod Size, Steel Weldless Eye Nut	71.94	2.88
		For Work In Restricted Working Space, Add	*1.73*	

23 05 29 00-0766 Top Mount I-Beam Clamps (B-Line B-3042) *(23 05 29 00-0716)*

Note: For attaching threaded rod to either side of an I-beam.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0767	EA	3/8" Rod Size, Up To 6" Flange Width, Top Mount I-Beam Clamp	24.33	5.35
		For Work In Restricted Working Space, Add	*3.21*	
23 05 29 00-0768	EA	1/2" Rod Size, Up To 6" Flange Width, Top Mount I-Beam Clamp	29.24	5.90
		For Work In Restricted Working Space, Add	*3.55*	
23 05 29 00-0769	EA	5/8" Rod Size, Up To 6" Flange Width, Top Mount I-Beam Clamp	35.40	6.44
		For Work In Restricted Working Space, Add	*3.90*	
23 05 29 00-0770	EA	3/4" Rod Size, Up To 6" Flange Width, Top Mount I-Beam Clamp	48.54	6.97
		For Work In Restricted Working Space, Add	*4.10*	
23 05 29 00-0771	EA	7/8" Rod Size, Up To 6" Flange Width, Top Mount I-Beam Clamp	74.36	8.04
		For Work In Restricted Working Space, Add	*4.82*	
23 05 29 00-0772	EA	3/8" Rod Size, >6" To 8" Flange Width, Top Mount I-Beam Clamp	25.59	5.35
		For Work In Restricted Working Space, Add	*3.21*	
23 05 29 00-0773	EA	1/2" Rod Size, >6" To 8" Flange Width, Top Mount I-Beam Clamp	31.03	5.90
		For Work In Restricted Working Space, Add	*3.55*	
23 05 29 00-0774	EA	5/8" Rod Size, >6" To 8" Flange Width, Top Mount I-Beam Clamp	35.40	6.44
		For Work In Restricted Working Space, Add	*3.90*	
23 05 29 00-0775	EA	3/4" Rod Size, >6" To 8" Flange Width, Top Mount I-Beam Clamp	53.24	6.97
		For Work In Restricted Working Space, Add	*4.10*	
23 05 29 00-0776	EA	7/8" Rod Size, >6" To 8" Flange Width, Top Mount I-Beam Clamp	82.39	8.04
		For Work In Restricted Working Space, Add	*4.82*	
23 05 29 00-0777	EA	3/8" Rod Size, >8" To 12" Flange Width, Top Mount I-Beam Clamp	28.53	5.35
		For Work In Restricted Working Space, Add	*3.21*	
23 05 29 00-0778	EA	1/2" Rod Size, >8" To 12" Flange Width, Top Mount I-Beam Clamp	34.34	5.90
		For Work In Restricted Working Space, Add	*3.55*	
23 05 29 00-0779	EA	5/8" Rod Size, >8" To 12" Flange Width, Top Mount I-Beam Clamp	43.14	6.44
		For Work In Restricted Working Space, Add	*3.90*	
23 05 29 00-0780	EA	3/4" Rod Size, >8" To 12" Flange Width, Top Mount I-Beam Clamp	62.03	6.97
		For Work In Restricted Working Space, Add	*4.10*	
23 05 29 00-0781	EA	7/8" Rod Size, >8" To 12" Flange Width, Top Mount I-Beam Clamp	99.57	8.04
		For Work In Restricted Working Space, Add	*4.82*	

23 05 29 00-0782 Side Beam Brackets (B-Line B-3062) *(23 05 29 00-0716)*

Note: Type 34.

23 05 29 00-0783	EA	3/8" Rod Size, Side Beam Bracket	19.86	7.48
		For Work In Restricted Working Space, Add	*4.31*	
23 05 29 00-0784	EA	1/2" Rod Size, Side Beam Bracket	23.50	7.49
		For Work In Restricted Working Space, Add	*4.61*	
23 05 29 00-0785	EA	5/8" Rod Size, Side Beam Bracket	30.34	8.07
		For Work In Restricted Working Space, Add	*4.94*	
23 05 29 00-0786	EA	3/4" Rod Size, Side Beam Bracket	53.62	8.64
		For Work In Restricted Working Space, Add	*5.32*	
23 05 29 00-0787	EA	7/8" Rod Size, Side Beam Bracket	62.74	9.79
		For Work In Restricted Working Space, Add	*5.76*	

23 05 29 00-0788 Hex Lag Bolts *(23 05 29 00-0716)*

Note: Also known as coach screws.

23 05 29 00-0789	EA	3/8" x 3-1/2" Long, Hex Lag Bolt	3.65	
		For Work In Restricted Working Space, Add	*0.72*	
23 05 29 00-0790	EA	3/8" x 4" Long, Hex Lag Bolt	3.32	
		For Work In Restricted Working Space, Add	*0.74*	
23 05 29 00-0791	EA	3/8" x 6" Long, Hex Lag Bolt	3.79	
		For Work In Restricted Working Space, Add	*0.77*	
23 05 29 00-0792	EA	3/8" x 8" Long, Hex Lag Bolt	4.65	
		For Work In Restricted Working Space, Add	*0.80*	
23 05 29 00-0793	EA	3/8" x 10" Long, Hex Lag Bolt	4.98	
		For Work In Restricted Working Space, Add	*0.83*	
23 05 29 00-0794	EA	3/8" x 12" Long, Hex Lag Bolt	7.91	
		For Work In Restricted Working Space, Add	*0.86*	
23 05 29 00-0795	EA	1/2" x 3-1/2" Long, Hex Lag Bolt	5.29	
		For Work In Restricted Working Space, Add	*0.86*	
23 05 29 00-0796	EA	1/2" x 4" Long, Hex Lag Bolt	4.63	
		For Work In Restricted Working Space, Add	*0.90*	
23 05 29 00-0797	EA	1/2" x 6" Long, Hex Lag Bolt	5.46	
		For Work In Restricted Working Space, Add	*0.94*	
23 05 29 00-0798	EA	1/2" x 8" Long, Hex Lag Bolt	6.41	
		For Work In Restricted Working Space, Add	*0.98*	
23 05 29 00-0799	EA	1/2" x 10" Long, Hex Lag Bolt	7.65	
		For Work In Restricted Working Space, Add	*1.03*	
23 05 29 00-0800	EA	1/2" x 12" Long, Hex Lag Bolt	8.22	
		For Work In Restricted Working Space, Add	*1.08*	
23 05 29 00-0801	EA	5/8" x 4" Long, Hex Lag Bolt	7.88	
		For Work In Restricted Working Space, Add	*0.96*	
23 05 29 00-0802	EA	3/4" x 5" Long, Hex Lag Bolt	9.58	
		For Work In Restricted Working Space, Add	*0.98*	

23 05 29 00-0803 Hanger Strap *(23 05 29 00-0550)*

23 05 29 00-0804	LF	3/4" Wide x 0.025" Thick Galvanized Hanger Strap	5.58	

23 05 29 00-0805 Shields And Saddles *(23 05 29)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0806		**Insulation Protection Shield** *(23 05 29 00-0805)* Note: Type 40.		
23 05 29 00-0807		**Insulation Protection Shield (Cooper B-Line B3151)** *(23 05 29 00-0806)*		
23 05 29 00-0808	EA	1-1/2" Outside Diameter, 18 Gauge Insulation Protection Shield, 12" Length (Cooper B-Line B3151)	15.95	2.77
		For Work In Restricted Working Space, Add	*2.77*	
23 05 29 00-0809	EA	2" Outside Diameter, 18 Gauge Insulation Protection Shield, 12" Length (Cooper B-Line B3151)	16.19	2.80
		For Work In Restricted Working Space, Add	*2.80*	
23 05 29 00-0810	EA	2-1/2" Outside Diameter, 18 Gauge Insulation Protection Shield, 12" Length (Cooper B-Line B3151)	16.58	2.83
		For Work In Restricted Working Space, Add	*2.84*	
23 05 29 00-0811	EA	3" Outside Diameter, 18 Gauge Insulation Protection Shield, 12" Length (Cooper B-Line B3151)	17.35	2.87
		For Work In Restricted Working Space, Add	*2.87*	
23 05 29 00-0812	EA	4" Outside Diameter, 18 Gauge Insulation Protection Shield, 12" Length (Cooper B-Line B3151)	19.16	2.94
		For Work In Restricted Working Space, Add	*2.94*	
23 05 29 00-0813	EA	6" Outside Diameter, 18 Gauge Insulation Protection Shield, 12" Length (Cooper B-Line B3151)	23.31	3.01
		For Work In Restricted Working Space, Add	*3.01*	
23 05 29 00-0814	EA	8" Outside Diameter, 16 Gauge Insulation Protection Shield, 18" Length (Cooper B-Line B3151)	27.06	3.07
		For Work In Restricted Working Space, Add	*3.08*	
23 05 29 00-0815	EA	10" Outside Diameter, 16 Gauge Insulation Protection Shield, 18" Length (Cooper B-Line B3151)	33.01	3.14
		For Work In Restricted Working Space, Add	*3.15*	
23 05 29 00-0816	EA	12" Outside Diameter, 14 Gauge Insulation Protection Shield, 24" Length (Cooper B-Line B3151)	42.29	3.18
		For Work In Restricted Working Space, Add	*3.18*	
23 05 29 00-0817	EA	14" Outside Diameter, 14 Gauge Insulation Protection Shield, 24" Length (Cooper B-Line B3151)	46.03	3.21
		For Work In Restricted Working Space, Add	*3.22*	
23 05 29 00-0818	EA	16" Outside Diameter, 14 Gauge Insulation Protection Shield, 24" Length (Cooper B-Line B3151)	63.21	3.25
		For Work In Restricted Working Space, Add	*3.25*	
23 05 29 00-0819	EA	18" Outside Diameter, 14 Gauge Insulation Protection Shield, 24" Length (Cooper B-Line B3151)	70.98	3.28
		For Work In Restricted Working Space, Add	*3.29*	
23 05 29 00-0820	EA	20" Outside Diameter, 12 Gauge Insulation Protection Shield, 24" Length (Cooper B-Line B3151)	131.34	3.31
		For Work In Restricted Working Space, Add	*3.32*	
23 05 29 00-0821	EA	24" Outside Diameter, 12 Gauge Insulation Protection Shield, 24" Length (Cooper B-Line B3151)	142.74	3.38
		For Work In Restricted Working Space, Add	*3.39*	
23 05 29 00-0822	EA	30" Outside Diameter, 12 Gauge Insulation Protection Shield, 24" Length (Cooper B-Line B3151)	172.44	3.46
		For Work In Restricted Working Space, Add	*3.46*	
23 05 29 00-0823		**Insulation Protection Shield (Cooper B-Line B3154)** *(23 05 29 00-0806)*		
23 05 29 00-0824	EA	1-1/2" Outside Diameter, 18 Gauge Insulation Protection Shield, 8" Length (Cooper B-Line B3154)	14.10	2.77
		For Work In Restricted Working Space, Add	*2.77*	
23 05 29 00-0825	EA	2" Outside Diameter, 18 Gauge Insulation Protection Shield, 8" Length (Cooper B-Line B3154)	14.31	2.80
		For Work In Restricted Working Space, Add	*2.80*	
23 05 29 00-0826	EA	2-1/2" Outside Diameter, 18 Gauge Insulation Protection Shield, 8" Length (Cooper B-Line B3154)	14.62	2.83
		For Work In Restricted Working Space, Add	*2.84*	
23 05 29 00-0827	EA	3" Outside Diameter, 18 Gauge Insulation Protection Shield, 8" Length (Cooper B-Line B3154)	15.21	2.87
		For Work In Restricted Working Space, Add	*2.87*	
23 05 29 00-0828	EA	4" Outside Diameter, 18 Gauge Insulation Protection Shield, 8" Length (Cooper B-Line B3154)	16.58	2.94
		For Work In Restricted Working Space, Add	*2.94*	
23 05 29 00-0829	EA	6" Outside Diameter, 18 Gauge Insulation Protection Shield, 8" Length (Cooper B-Line B3154)	19.66	3.01
		For Work In Restricted Working Space, Add	*3.01*	
23 05 29 00-0830	EA	8" Outside Diameter, 16 Gauge Insulation Protection Shield, 12" Length (Cooper B-Line B3154)	21.11	3.07
		For Work In Restricted Working Space, Add	*3.08*	
23 05 29 00-0831	EA	10" Outside Diameter, 16 Gauge Insulation Protection Shield, 12" Length (Cooper B-Line B3154)	26.82	3.14
		For Work In Restricted Working Space, Add	*3.15*	
23 05 29 00-0832	EA	12" Outside Diameter, 14 Gauge Insulation Protection Shield, 12" Length (Cooper B-Line B3154)	32.12	3.18
		For Work In Restricted Working Space, Add	*3.18*	
23 05 29 00-0833		**Pipe Covering Protection Saddle** *(23 05 29 00-0805)* Note: Sizes are pipe sizes.		
23 05 29 00-0834		**Saddle, For 1" Insulation (Cooper B-Line B3160)** *(23 05 29 00-0833)*		
23 05 29 00-0835	EA	3/4" Pipe Saddle, For 1" Insulation (Cooper B-Line B3160)	24.42	3.80
		For Work In Restricted Working Space, Add	*3.80*	
23 05 29 00-0836	EA	1" Pipe Saddle, For 1" Insulation (Cooper B-Line B3160)	24.52	3.83
		For Work In Restricted Working Space, Add	*3.83*	
23 05 29 00-0837	EA	1-1/4" Pipe Saddle, For 1" Insulation (Cooper B-Line B3160)	24.63	3.86
		For Work In Restricted Working Space, Add	*3.86*	
23 05 29 00-0838	EA	1-1/2" Pipe Saddle, For 1" Insulation (Cooper B-Line B3160)	25.85	3.92
		For Work In Restricted Working Space, Add	*3.93*	
23 05 29 00-0839	EA	2" Pipe Saddle, For 1" Insulation (Cooper B-Line B3160)	25.95	3.96
		For Work In Restricted Working Space, Add	*3.96*	
23 05 29 00-0840	EA	2-1/2" Pipe Saddle, For 1" Insulation (Cooper B-Line B3160)	26.80	4.02
		For Work In Restricted Working Space, Add	*4.02*	
23 05 29 00-0841	EA	3" Pipe Saddle, For 1" Insulation (Cooper B-Line B3160)	29.80	4.08
		For Work In Restricted Working Space, Add	*4.09*	
23 05 29 00-0842	EA	4" Pipe Saddle, For 1" Insulation (Cooper B-Line B3160)	33.43	4.15
		For Work In Restricted Working Space, Add	*4.15*	
23 05 29 00-0843	EA	6" Pipe Saddle, For 1" Insulation (Cooper B-Line B3160)	37.58	4.28
		For Work In Restricted Working Space, Add	*4.28*	
23 05 29 00-0844	EA	8" Pipe Saddle, For 1" Insulation (Cooper B-Line B3160)	45.73	4.44
		For Work In Restricted Working Space, Add	*4.44*	
23 05 29 00-0845	EA	10" Pipe Saddle, For 1" Insulation (Cooper B-Line B3160)	51.09	4.50
		For Work In Restricted Working Space, Add	*4.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0846	EA	12" Pipe Saddle, For 1" Insulation (Cooper B-Line B3160)	60.55	4.50
		For Work In Restricted Working Space, Add	*4.60*	
23 05 29 00-0847	EA	14" Pipe Saddle, For 1" Insulation (Cooper B-Line B3160)	66.10	4.66
		For Work In Restricted Working Space, Add	*4.67*	

23 05 29 00-0848 Saddle, For 1-1/2" Insulation (Cooper B-Line B3161) *(23 05 29 00-0833)*

23 05 29 00-0849	EA	3/4" Pipe Saddle, For 1-1/2" Insulation (Cooper B-Line B3161)	27.55	3.80
		For Work In Restricted Working Space, Add	*3.80*	
23 05 29 00-0850	EA	1" Pipe Saddle, For 1-1/2" Insulation (Cooper B-Line B3161)	27.65	3.83
		For Work In Restricted Working Space, Add	*3.83*	
23 05 29 00-0851	EA	1-1/4" Pipe Saddle, For 1-1/2" Insulation (Cooper B-Line B3161)	27.76	3.86
		For Work In Restricted Working Space, Add	*3.86*	
23 05 29 00-0852	EA	1-1/2" Pipe Saddle, For 1-1/2" Insulation (Cooper B-Line B3161)	28.77	3.92
		For Work In Restricted Working Space, Add	*3.93*	
23 05 29 00-0853	EA	2" Pipe Saddle, For 1-1/2" Insulation (Cooper B-Line B3161)	31.04	3.96
		For Work In Restricted Working Space, Add	*3.96*	
23 05 29 00-0854	EA	2-1/2" Pipe Saddle, For 1-1/2" Insulation (Cooper B-Line B3161)	33.43	4.02
		For Work In Restricted Working Space, Add	*4.02*	
23 05 29 00-0855	EA	3" Pipe Saddle, For 1-1/2" Insulation (Cooper B-Line B3161)	34.00	4.08
		For Work In Restricted Working Space, Add	*4.09*	
23 05 29 00-0856	EA	4" Pipe Saddle, For 1-1/2" Insulation (Cooper B-Line B3161)	38.60	4.08
		For Work In Restricted Working Space, Add	*4.15*	
23 05 29 00-0857	EA	6" Pipe Saddle, For 1-1/2" Insulation (Cooper B-Line B3161)	43.43	4.28
		For Work In Restricted Working Space, Add	*4.28*	
23 05 29 00-0858	EA	8" Pipe Saddle, For 1-1/2" Insulation (Cooper B-Line B3161)	51.47	4.44
		For Work In Restricted Working Space, Add	*4.44*	
23 05 29 00-0859	EA	10" Pipe Saddle, For 1-1/2" Insulation (Cooper B-Line B3161)	57.88	4.50
		For Work In Restricted Working Space, Add	*4.50*	
23 05 29 00-0860	EA	12" Pipe Saddle, For 1-1/2" Insulation (Cooper B-Line B3161)	68.92	4.60
		For Work In Restricted Working Space, Add	*4.60*	
23 05 29 00-0861	EA	14" Pipe Saddle, For 1-1/2" Insulation (Cooper B-Line B3161)	75.49	4.66
		For Work In Restricted Working Space, Add	*4.67*	

23 05 29 00-0862 Saddle, For 2" Insulation (Cooper B-Line B3162) *(23 05 29 00-0833)*

23 05 29 00-0863	EA	3/4" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162)	29.48	3.99
		For Work In Restricted Working Space, Add	*3.99*	
23 05 29 00-0864	EA	1" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162)	29.58	4.02
		For Work In Restricted Working Space, Add	*4.02*	
23 05 29 00-0865	EA	1-1/4" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162)	31.16	4.05
		For Work In Restricted Working Space, Add	*4.05*	
23 05 29 00-0866	EA	1-1/2" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162)	32.11	4.11
		For Work In Restricted Working Space, Add	*4.12*	
23 05 29 00-0867	EA	2" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162)	32.94	4.15
		For Work In Restricted Working Space, Add	*4.15*	
23 05 29 00-0868	EA	2-1/2" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162)	33.15	4.23
		For Work In Restricted Working Space, Add	*4.21*	
23 05 29 00-0869	EA	3" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162)	35.06	4.29
		For Work In Restricted Working Space, Add	*4.28*	
23 05 29 00-0870	EA	4" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162)	36.96	4.36
		For Work In Restricted Working Space, Add	*4.34*	
23 05 29 00-0871	EA	6" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162)	47.18	4.49
		For Work In Restricted Working Space, Add	*4.50*	
23 05 29 00-0872	EA	8" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162)	53.52	4.66
		For Work In Restricted Working Space, Add	*4.67*	
23 05 29 00-0873	EA	10" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162)	56.19	4.73
		For Work In Restricted Working Space, Add	*4.73*	
23 05 29 00-0874	EA	12" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162)	75.94	4.83
		For Work In Restricted Working Space, Add	*4.83*	
23 05 29 00-0875	EA	14" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162)	84.12	4.90
		For Work In Restricted Working Space, Add	*4.89*	
23 05 29 00-0876	EA	16" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162)	92.53	5.02
		For Work In Restricted Working Space, Add	*5.02*	
23 05 29 00-0877	EA	18" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162)	100.93	5.14
		For Work In Restricted Working Space, Add	*5.15*	
23 05 29 00-0878	EA	20" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162)	110.72	5.28
		For Work In Restricted Working Space, Add	*5.28*	
23 05 29 00-0879	EA	24" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162)	126.84	5.41
		For Work In Restricted Working Space, Add	*5.40*	

23 05 29 00-0880 Saddle, For 2-1/2" Insulation (Cooper B-Line B3163) *(23 05 29 00-0833)*

23 05 29 00-0881	EA	1-1/4" Pipe Saddle, For 2-1/2" Insulation (Cooper B-Line B3163)	33.05	4.15
		For Work In Restricted Working Space, Add	*4.15*	
23 05 29 00-0882	EA	1-1/2" Pipe Saddle, For 2-1/2" Insulation (Cooper B-Line B3163)	34.90	4.22
		For Work In Restricted Working Space, Add	*4.21*	
23 05 29 00-0883	EA	2" Pipe Saddle, For 2-1/2" Insulation (Cooper B-Line B3163)	35.84	4.26
		For Work In Restricted Working Space, Add	*4.25*	
23 05 29 00-0884	EA	2-1/2" Pipe Saddle, For 2-1/2" Insulation (Cooper B-Line B3163)	36.88	4.32
		For Work In Restricted Working Space, Add	*4.31*	
23 05 29 00-0885	EA	3" Pipe Saddle, For 2-1/2" Insulation (Cooper B-Line B3163)	37.20	4.40
		For Work In Restricted Working Space, Add	*4.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0886	EA	4" Pipe Saddle, For 2-1/2" Insulation (Cooper B-Line B3163)	43.31	4.46
		For Work In Restricted Working Space, Add	*4.47*	
23 05 29 00-0887	EA	6" Pipe Saddle, For 2-1/2" Insulation (Cooper B-Line B3163)	49.64	4.60
		For Work In Restricted Working Space, Add	*4.60*	
23 05 29 00-0888	EA	8" Pipe Saddle, For 2-1/2" Insulation (Cooper B-Line B3163)	57.87	4.78
		For Work In Restricted Working Space, Add	*4.76*	
23 05 29 00-0889	EA	10" Pipe Saddle, For 2-1/2" Insulation (Cooper B-Line B3163)	62.06	4.85
		For Work In Restricted Working Space, Add	*4.86*	
23 05 29 00-0890	EA	12" Pipe Saddle, For 2-1/2" Insulation (Cooper B-Line B3163)	77.91	4.94
		For Work In Restricted Working Space, Add	*4.96*	
23 05 29 00-0891	EA	14" Pipe Saddle, For 2-1/2" Insulation (Cooper B-Line B3163)	92.60	5.02
		For Work In Restricted Working Space, Add	*5.02*	
23 05 29 00-0892	EA	16" Pipe Saddle, For 2-1/2" Insulation (Cooper B-Line B3163)	107.51	5.13
		For Work In Restricted Working Space, Add	*5.15*	
23 05 29 00-0893	EA	18" Pipe Saddle, For 2-1/2" Insulation (Cooper B-Line B3163)	114.23	5.26
		For Work In Restricted Working Space, Add	*5.28*	
23 05 29 00-0894	EA	20" Pipe Saddle, For 2-1/2" Insulation (Cooper B-Line B3163)	121.71	5.41
		For Work In Restricted Working Space, Add	*5.40*	
23 05 29 00-0895	EA	24" Pipe Saddle, For 2-1/2" Insulation (Cooper B-Line B3163)	129.19	5.53
		For Work In Restricted Working Space, Add	*5.53*	
23 05 29 00-0896		**Saddle, For 3" Insulation (Cooper B-Line B3164)** *(23 05 29 00-0833)*		
23 05 29 00-0897	EA	2" Pipe Saddle, For 3" Insulation (Cooper B-Line B3164)	37.08	4.36
		For Work In Restricted Working Space, Add	*4.34*	
23 05 29 00-0898	EA	2-1/2" Pipe Saddle, For 3" Insulation (Cooper B-Line B3164)	40.52	4.43
		For Work In Restricted Working Space, Add	*4.44*	
23 05 29 00-0899	EA	3" Pipe Saddle, For 3" Insulation (Cooper B-Line B3164)	42.28	4.49
		For Work In Restricted Working Space, Add	*4.50*	
23 05 29 00-0900	EA	4" Pipe Saddle, For 3" Insulation (Cooper B-Line B3164)	44.04	4.57
		For Work In Restricted Working Space, Add	*4.57*	
23 05 29 00-0901	EA	6" Pipe Saddle, For 3" Insulation (Cooper B-Line B3164)	50.70	4.70
		For Work In Restricted Working Space, Add	*4.70*	
23 05 29 00-0902	EA	8" Pipe Saddle, For 3" Insulation (Cooper B-Line B3164)	63.79	4.88
		For Work In Restricted Working Space, Add	*4.89*	
23 05 29 00-0903	EA	10" Pipe Saddle, For 3" Insulation (Cooper B-Line B3164)	69.21	4.95
		For Work In Restricted Working Space, Add	*4.96*	
23 05 29 00-0904	EA	12" Pipe Saddle, For 3" Insulation (Cooper B-Line B3164)	90.35	5.06
		For Work In Restricted Working Space, Add	*5.05*	
23 05 29 00-0905	EA	14" Pipe Saddle, For 3" Insulation (Cooper B-Line B3164)	108.07	5.13
		For Work In Restricted Working Space, Add	*5.15*	
23 05 29 00-0906	EA	16" Pipe Saddle, For 3" Insulation (Cooper B-Line B3164)	125.79	5.25
		For Work In Restricted Working Space, Add	*5.24*	
23 05 29 00-0907	EA	18" Pipe Saddle, For 3" Insulation (Cooper B-Line B3164)	128.20	5.40
		For Work In Restricted Working Space, Add	*5.40*	
23 05 29 00-0908	EA	20" Pipe Saddle, For 3" Insulation (Cooper B-Line B3164)	130.50	5.52
		For Work In Restricted Working Space, Add	*5.53*	
23 05 29 00-0909	EA	24" Pipe Saddle, For 3" Insulation (Cooper B-Line B3164)	165.96	5.66
		For Work In Restricted Working Space, Add	*5.66*	
23 05 29 00-0910		**Saddle, For 4" Insulation (Cooper B-Line B3165)** *(23 05 29 00-0833)*		
23 05 29 00-0911	EA	2" Pipe Saddle, For 4" Insulation (Cooper B-Line B3165)	41.92	4.45
		For Work In Restricted Working Space, Add	*4.44*	
23 05 29 00-0912	EA	2-1/2" Pipe Saddle, For 4" Insulation (Cooper B-Line B3165)	45.97	4.52
		For Work In Restricted Working Space, Add	*4.54*	
23 05 29 00-0913	EA	3" Pipe Saddle, For 4" Insulation (Cooper B-Line B3165)	48.06	4.60
		For Work In Restricted Working Space, Add	*4.60*	
23 05 29 00-0914	EA	4" Pipe Saddle, For 4" Insulation (Cooper B-Line B3165)	50.23	4.66
		For Work In Restricted Working Space, Add	*4.67*	
23 05 29 00-0915	EA	6" Pipe Saddle, For 4" Insulation (Cooper B-Line B3165)	61.52	4.82
		For Work In Restricted Working Space, Add	*4.83*	
23 05 29 00-0916	EA	8" Pipe Saddle, For 4" Insulation (Cooper B-Line B3165)	72.79	5.00
		For Work In Restricted Working Space, Add	*4.99*	
23 05 29 00-0917	EA	10" Pipe Saddle, For 4" Insulation (Cooper B-Line B3165)	75.28	5.07
		For Work In Restricted Working Space, Add	*5.09*	
23 05 29 00-0918	EA	12" Pipe Saddle, For 4" Insulation (Cooper B-Line B3165)	96.56	5.18
		For Work In Restricted Working Space, Add	*5.18*	
23 05 29 00-0919	EA	14" Pipe Saddle, For 4" Insulation (Cooper B-Line B3165)	117.49	5.24
		For Work In Restricted Working Space, Add	*5.24*	
23 05 29 00-0920	EA	16" Pipe Saddle, For 4" Insulation (Cooper B-Line B3165)	138.64	5.39
		For Work In Restricted Working Space, Add	*5.37*	
23 05 29 00-0921	EA	18" Pipe Saddle, For 4" Insulation (Cooper B-Line B3165)	169.84	5.51
		For Work In Restricted Working Space, Add	*5.50*	
23 05 29 00-0922	EA	20" Pipe Saddle, For 4" Insulation (Cooper B-Line B3165)	200.87	5.65
		For Work In Restricted Working Space, Add	*5.66*	
23 05 29 00-0923	EA	24" Pipe Saddle, For 4" Insulation (Cooper B-Line B3165)	214.96	5.79
		For Work In Restricted Working Space, Add	*5.79*	
23 05 29 00-0924	EA	30" Pipe Saddle, For 4" Insulation (Cooper B-Line B3165)	226.27	5.94
		For Work In Restricted Working Space, Add	*5.95*	
23 05 29 00-0925	EA	36" Pipe Saddle, For 4" Insulation (Cooper B-Line B3165)	234.62	6.09
		For Work In Restricted Working Space, Add	*6.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0926		**Adjustable Pipe Saddle Support (Cooper B-Line B3096)** *(23 05 29 00-0805)*		
23 05 29 00-0927	EA	2" Adjustable Pipe Saddle Support (Cooper B-Line B3096)	94.90	14.40
23 05 29 00-0928	EA	3" Adjustable Pipe Saddle Support (Cooper B-Line B3096)	100.57	16.71
23 05 29 00-0929	EA	4" Adjustable Pipe Saddle Support (Cooper B-Line B3096)	122.24	19.02
23 05 29 00-0930	EA	5" Adjustable Pipe Saddle Support (Cooper B-Line B3096)	127.45	20.74
23 05 29 00-0931	EA	6" Adjustable Pipe Saddle Support (Cooper B-Line B3096)	141.41	23.05
23 05 29 00-0932	EA	8" Adjustable Pipe Saddle Support (Cooper B-Line B3096)	160.74	28.81
23 05 29 00-0933	EA	10" Adjustable Pipe Saddle Support (Cooper B-Line B3096)	210.20	38.61
23 05 29 00-0934	EA	12" Adjustable Pipe Saddle Support (Cooper B-Line B3096)	259.66	57.62
23 05 29 00-0935		**Pipe Stanchion Support (Cooper B-Line B3090)** *(23 05 29 00-0805)*		
23 05 29 00-0936	EA	2-1/2" Pipe Stanchion Support With U-Bolt (Cooper B-Line B3090)	117.49	14.40
23 05 29 00-0937	EA	3" Pipe Stanchion Support With U-Bolt (Cooper B-Line B3090)	121.61	16.71
23 05 29 00-0938	EA	3-1/2" Pipe Stanchion Support With U-Bolt (Cooper B-Line B3090)	130.31	17.86
23 05 29 00-0939	EA	4" Pipe Stanchion Support With U-Bolt (Cooper B-Line B3090)	133.00	19.02
23 05 29 00-0940	EA	5" Pipe Stanchion Support With U-Bolt (Cooper B-Line B3090)	139.82	20.74
23 05 29 00-0941	EA	6" Pipe Stanchion Support With U-Bolt (Cooper B-Line B3090)	148.23	23.05
23 05 29 00-0942	EA	8" Pipe Stanchion Support With U-Bolt (Cooper B-Line B3090)	188.23	28.81
23 05 29 00-0943	EA	10" Pipe Stanchion Support With U-Bolt (Cooper B-Line B3090)	253.93	38.61
23 05 29 00-0944	EA	12" Pipe Stanchion Support With U-Bolt (Cooper B-Line B3090)	332.06	57.62
23 05 29 00-0945		**Pipe Saddle Support (Cooper B-Line B3095)** *(23 05 29 00-0805)*		
23 05 29 00-0946	EA	2-1/2" Pipe Saddle Support (Cooper B-Line B3095)	60.24	14.40
23 05 29 00-0947	EA	3" Pipe Saddle Support (Cooper B-Line B3095)	64.36	16.71
23 05 29 00-0948	EA	3-1/2" Pipe Saddle Support (Cooper B-Line B3095)	97.11	17.86
23 05 29 00-0949	EA	4" Pipe Saddle Support (Cooper B-Line B3095)	99.80	19.02
23 05 29 00-0950	EA	5" Pipe Saddle Support (Cooper B-Line B3095)	109.72	20.74
23 05 29 00-0951	EA	6" Pipe Saddle Support (Cooper B-Line B3095)	121.63	23.05
23 05 29 00-0952	EA	8" Pipe Saddle Support (Cooper B-Line B3095)	139.48	28.81
23 05 29 00-0953	EA	10" Pipe Saddle Support (Cooper B-Line B3095)	162.67	38.61
23 05 29 00-0954	EA	12" Pipe Saddle Support (Cooper B-Line B3095)	205.40	57.62
23 05 29 00-0955		**360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate** *(23 05 29 00-0805)*		
		Note: Insert is for use as isolated protective insulation at hangers.		
23 05 29 00-0956		**1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate** *(23 05 29 00-0955)*		
23 05 29 00-0957	EA	1/2" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	16.83	7.40
23 05 29 00-0958	EA	3/4" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	17.15	7.40
23 05 29 00-0959	EA	1" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	17.24	7.40
23 05 29 00-0960	EA	1-1/4" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	17.56	7.40
23 05 29 00-0961	EA	1-1/2" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	18.78	7.85
23 05 29 00-0962	EA	2" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	19.63	8.09
23 05 29 00-0963	EA	2-1/2" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	20.62	8.43
23 05 29 00-0964	EA	3" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	21.69	8.77
23 05 29 00-0965	EA	4" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	23.62	9.11
23 05 29 00-0966	EA	6" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	25.24	7.85
23 05 29 00-0967	EA	8" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	39.04	10.25
23 05 29 00-0968	EA	10" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	46.16	12.07
23 05 29 00-0969	EA	12" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	52.60	14.01
23 05 29 00-0970	EA	14" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	59.32	14.46
23 05 29 00-0971		**1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate** *(23 05 29 00-0955)*		
23 05 29 00-0972	EA	1/2" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	14.53	5.58
23 05 29 00-0973	EA	3/4" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	16.13	5.58
23 05 29 00-0974	EA	1" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	16.49	5.70
23 05 29 00-0975	EA	1-1/4" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	17.06	5.81
23 05 29 00-0976	EA	1-1/2" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	17.59	5.81
23 05 29 00-0977	EA	2" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	18.53	6.03
23 05 29 00-0978	EA	2-1/2" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	19.60	6.26
23 05 29 00-0979	EA	3" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	20.15	6.37
23 05 29 00-0980	EA	4" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	22.20	6.95
23 05 29 00-0981	EA	6" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	32.90	11.96
23 05 29 00-0982	EA	8" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	29.97	9.00
23 05 29 00-0983	EA	10" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	36.33	10.59
23 05 29 00-0984	EA	12" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	41.24	12.18
23 05 29 00-0985	EA	14" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	48.66	14.69
23 05 29 00-0986		**2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate** *(23 05 29 00-0955)*		
23 05 29 00-0987	EA	1/2" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	20.33	6.37
23 05 29 00-0988	EA	3/4" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	20.59	6.37
23 05 29 00-0989	EA	1" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	21.31	6.50

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0990	EA	1-1/4" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	21.93	6.61
23 05 29 00-0991	EA	1-1/2" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	22.58	6.72
23 05 29 00-0992	EA	2" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	23.45	6.95
23 05 29 00-0993	EA	2-1/2" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	24.72	7.18
23 05 29 00-0994	EA	3" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	25.90	7.40
23 05 29 00-0995	EA	4" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	28.54	7.85
23 05 29 00-0996	EA	6" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	32.65	8.88
23 05 29 00-0997	EA	8" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	50.62	15.15
23 05 29 00-0998	EA	10" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	55.29	17.54
23 05 29 00-0999	EA	12" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	63.76	20.72
23 05 29 00-1000	EA	14" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	71.48	23.23
23 05 29 00-1001	EA	16" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	79.82	26.19
23 05 29 00-1002	EA	18" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	91.40	30.75
23 05 29 00-1003	EA	20" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	101.48	34.17
23 05 29 00-1004	EA	24" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	114.65	38.72
23 05 29 00-1005		**2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate** *(23 05 29 00-0955)*		
23 05 29 00-1006	EA	1/2" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	23.28	7.40
23 05 29 00-1007	EA	3/4" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	23.57	7.40
23 05 29 00-1008	EA	1" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	24.44	7.51
23 05 29 00-1009	EA	1-1/4" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	25.09	7.63
23 05 29 00-1010	EA	1-1/2" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	25.75	7.63
23 05 29 00-1011	EA	2" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	26.81	7.98
23 05 29 00-1012	EA	2-1/2" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	28.25	8.20
23 05 29 00-1013	EA	3" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	29.60	8.54
23 05 29 00-1014	EA	4" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	32.57	9.00
23 05 29 00-1015	EA	6" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	37.32	10.25
23 05 29 00-1016	EA	8" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	49.06	11.39
23 05 29 00-1017	EA	10" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	58.43	13.10
23 05 29 00-1018	EA	12" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	66.89	16.28
23 05 29 00-1019	EA	14" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	75.42	17.88
23 05 29 00-1020	EA	16" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	89.39	22.78
23 05 29 00-1021	EA	18" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	95.92	23.92
23 05 29 00-1022	EA	20" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	108.93	27.33
23 05 29 00-1023	EA	24" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	128.43	33.03
23 05 29 00-1024		**3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate** *(23 05 29 00-0955)*		
23 05 29 00-1025	EA	1/2" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	48.99	7.63
23 05 29 00-1026	EA	3/4" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	58.30	7.98
23 05 29 00-1027	EA	1" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	60.62	7.98
23 05 29 00-1028	EA	1-1/4" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	62.11	8.20
23 05 29 00-1029	EA	1-1/2" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	63.85	8.43
23 05 29 00-1030	EA	2" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	65.81	8.54
23 05 29 00-1031	EA	2-1/2" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	69.30	8.77
23 05 29 00-1032	EA	3" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	72.35	9.33
23 05 29 00-1033	EA	4" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	79.79	9.68
23 05 29 00-1034	EA	6" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	91.29	11.84
23 05 29 00-1035	EA	8" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	118.25	12.98
23 05 29 00-1036	EA	10" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	140.70	13.67
23 05 29 00-1037	EA	12" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	161.41	17.65
23 05 29 00-1038	EA	14" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	181.78	18.79
23 05 29 00-1039	EA	16" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	217.51	25.05
23 05 29 00-1040	EA	18" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	234.15	27.33
23 05 29 00-1041	EA	20" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	265.19	29.62
23 05 29 00-1042	EA	24" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	311.55	36.44
23 05 29 00-1043		**3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate** *(23 05 29 00-0955)*		
23 05 29 00-1044	EA	1/2" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	23.28	7.40
23 05 29 00-1045	EA	3/4" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	28.11	9.00
23 05 29 00-1046	EA	1" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	29.37	9.00
23 05 29 00-1047	EA	1-1/4" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	30.09	9.11
23 05 29 00-1048	EA	1-1/2" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	30.99	9.22
23 05 29 00-1049	EA	2" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	32.13	9.57
23 05 29 00-1050	EA	2-1/2" Diameter Pipe, 3-1/2" 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	33.88	9.91
23 05 29 00-1051	EA	3" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	35.38	10.25
23 05 29 00-1052	EA	4" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	39.13	10.82
23 05 29 00-1053	EA	6" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	44.77	12.31
23 05 29 00-1054	EA	8" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	58.83	13.67
23 05 29 00-1055	EA	10" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	70.11	15.72
23 05 29 00-1056	EA	12" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	80.26	19.59
23 05 29 00-1057	EA	14" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	90.51	21.41
23 05 29 00-1058	EA	16" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	107.28	27.33
23 05 29 00-1059	EA	18" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	115.11	28.70
23 05 29 00-1060	EA	20" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	130.79	32.80

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-1061	EA	24" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	154.13	39.64
23 05 29 00-1062		**4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate** *(23 05 29 00-0955)*		
23 05 29 00-1063	EA	1/2" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	31.37	10.02
23 05 29 00-1064	EA	3/4" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	31.78	10.02
23 05 29 00-1065	EA	1" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	32.97	10.14
23 05 29 00-1066	EA	1-1/4" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	33.92	10.25
23 05 29 00-1067	EA	1-1/2" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	34.65	10.25
23 05 29 00-1068	EA	2" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	36.57	10.94
23 05 29 00-1069	EA	2-1/2" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	38.09	11.05
23 05 29 00-1070	EA	3" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	39.95	11.50
23 05 29 00-1071	EA	4" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	43.98	12.18
23 05 29 00-1072	EA	6" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	50.35	13.79
23 05 29 00-1073	EA	8" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	65.33	14.92
23 05 29 00-1074	EA	10" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	78.89	17.76
23 05 29 00-1075	EA	12" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	90.32	22.09
23 05 29 00-1076	EA	14" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	101.86	24.03
23 05 29 00-1077	EA	16" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	120.75	30.75
23 05 29 00-1078	EA	18" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	129.44	32.23
23 05 29 00-1079	EA	20" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	145.41	36.90
23 05 29 00-1080	EA	24" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	173.42	44.65
23 05 29 00-1081	EA	26" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	197.74	52.51
23 05 29 00-1082	EA	28" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	224.94	61.96
23 05 29 00-1083	EA	30" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	254.43	73.23
23 05 29 00-1084	EA	42" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	363.69	113.10
23 05 29 00-1085	EA	44" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	391.63	124.49
23 05 29 00-1086	EA	46" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	417.22	134.39
23 05 29 00-1087		**Equipment Housekeeping Pads** *(23 05 29)*		
		See CSI section 03 31 13 00-0089 for Concrete Equipment Pads.		
23 05 29 00-1088		**Molded Plastic Condenser Pad** *(23 05 29 00-1087)*		
23 05 29 00-1089	EA	30" Round Molded Plastic Pad	164.29	14.38
23 05 29 00-1090	EA	30" Octagon Molded Plastic Pad	173.20	14.38
23 05 29 00-1091	EA	30" x 30" Molded Plastic Pad	164.29	14.38
23 05 29 00-1092	EA	36" x 36" Molded Plastic Pad	217.70	14.38
23 05 29 00-1093	EA	36" x 48" Molded Plastic Pad	317.62	14.38
23 05 29 00-1094		**Inertia Base** *(23 05 29 00-1087)*		
		Note: Includes spring isolators.		
23 05 29 00-1095	EA	Up To 12 SF Inertia Base, 8" Thick With Spring Base	4,214.15	
23 05 29 00-1096	EA	>12 To 16 SF Inertia Base, 8" Thick With Spring Base	5,099.40	
23 05 29 00-1097	EA	>16 To 20 SF Inertia Base, 8" Thick With Spring Base	5,841.50	
23 05 29 00-1098	EA	>20 To 24 SF Inertia Base, 8" Thick With Spring Base	6,679.05	
23 05 29 00-1099		**Hanger Assemblies** *(23 05 29)*		
		Note: Includes hanger, rod, nuts, washers, clamps, upper attachment, etc. Not for use where detail is available.		
23 05 29 00-1100	EA	1/2" Standard Duty Clevis Pipe Hanger Assembly	55.43	17.89
		Note: Includes hanger, rod, nuts, washers and clamp.		
		For Work In Restricted Working Space, Add	*11.51*	
23 05 29 00-1101	EA	3/4" Standard Duty Clevis Pipe Hanger Assembly	57.56	18.96
		Note: Includes hanger, rod, nuts, washers and clamp.		
		For Work In Restricted Working Space, Add	*12.15*	
23 05 29 00-1102	EA	1" Standard Duty Clevis Pipe Hanger Assembly	59.18	20.03
		Note: Includes hanger, rod, nuts, washers and clamp.		
		For Work In Restricted Working Space, Add	*12.62*	
23 05 29 00-1103	EA	1-1/4" Standard Duty Clevis Pipe Hanger Assembly	60.10	20.06
		Note: Includes hanger, rod, nuts, washers and clamp.		
		For Work In Restricted Working Space, Add	*12.80*	
23 05 29 00-1104	EA	1-1/2" Standard Duty Clevis Pipe Hanger Assembly	60.36	20.06
		Note: Includes hanger, rod, nuts, washers and clamp.		
		For Work In Restricted Working Space, Add	*12.80*	
23 05 29 00-1105	EA	2" Standard Duty Clevis Pipe Hanger Assembly	61.49	20.22
		Note: Includes hanger, rod, nuts, washers and clamp.		
		For Work In Restricted Working Space, Add	*12.99*	
23 05 29 00-1106	EA	2-1/2" Standard Duty Clevis Pipe Hanger Assembly	75.12	22.22
		Note: Includes hanger, rod, nuts, washers and clamp.		
		For Work In Restricted Working Space, Add	*13.58*	
23 05 29 00-1107	EA	3" Standard Duty Clevis Pipe Hanger Assembly	77.11	22.87
		Note: Includes hanger, rod, nuts, washers and clamp.		
		For Work In Restricted Working Space, Add	*13.79*	
23 05 29 00-1108	EA	4" Standard Duty Clevis Pipe Hanger Assembly	96.05	25.81
		Note: Includes hanger, rod, nuts, washers and clamp.		
		For Work In Restricted Working Space, Add	*15.23*	
23 05 29 00-1109	EA	6" Standard Duty Clevis Pipe Hanger Assembly	146.39	33.35
		Note: Includes hanger, rod, nuts, washers and clamp.		
		For Work In Restricted Working Space, Add	*20.01*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-1110	EA	8" Standard Duty Clevis Pipe Hanger Assembly Note: Includes hanger, rod, nuts, washers and clamp.	165.57	38.69
		For Work In Restricted Working Space, Add	*23.21*	
23 05 29 00-1111	EA	10" Standard Duty Clevis Pipe Hanger Assembly Note: Includes hanger, rod, nuts, washers and clamp.	221.42	49.15
		For Work In Restricted Working Space, Add	*29.12*	
23 05 29 00-1112	EA	12" Standard Duty Clevis Pipe Hanger Assembly Note: Includes hanger, rod, nuts, washers and clamp.	240.27	52.88
		For Work In Restricted Working Space, Add	*31.79*	

23 05 29 00-1113 Steel Shapes For Hanger Devices *(23 05 29)*

23 05 29 00-1114 Angle Iron For Hanger Devices *(23 05 29 00-1113)*

23 05 29 00-1115	LF	1/2" x 1/2" x 1/8" Angle Iron For Hanger Devices	2.79	1.67
23 05 29 00-1116	LF	3/4" x 3/4" x 1/8" Angle Iron For Hanger Devices	3.67	2.09
23 05 29 00-1117	LF	1" x 1" x 1/8" Angle Iron For Hanger Devices	4.54	2.51
23 05 29 00-1118	LF	1-1/4" x 1-1/4" x 3/16" Angle Iron For Hanger Devices	6.36	3.12
23 05 29 00-1119	LF	1-1/2" x 1-1/2" x 3/16" Angle Iron For Hanger Devices	7.13	3.35
23 05 29 00-1120	LF	2" x 2" x 1/4" Angle Iron For Hanger Devices	9.76	3.76
23 05 29 00-1121	LF	2-1/2" x 2-1/2" x 1/4" Angle Iron For Hanger Devices	12.18	4.58
23 05 29 00-1122	LF	3" x 2" x 3/8" Angle Iron For Hanger Devices	15.93	5.37
23 05 29 00-1123	LF	3" x 3" x 3/8" Angle Iron For Hanger Devices	19.06	6.27

23 05 29 00-1124 Channels For Hanger Devices *(23 05 29 00-1113)*

23 05 29 00-1125	LF	C2 x 1.78, 2" Wide Channels For Hanger Devices	8.55	4.45
23 05 29 00-1126	LF	C3 x 4.1, 3" Wide Channels For Hanger Devices	14.64	6.40
23 05 29 00-1127	LF	C4 x 5.4, 4" Wide Channels For Hanger Devices	18.30	7.69
23 05 29 00-1128	LF	C5 x 6.7 - 5" Wide Channels For Hanger Devices	21.93	8.97
23 05 29 00-1129	LF	C6 x 8.2 - 6" Wide Channels For Hanger Devices	26.57	10.76
23 05 29 00-1130	LF	C7 x 9.8 - 7" Wide Channels For Hanger Devices	31.68	12.82
23 05 29 00-1131	LF	C8 x 11.5 - 8" Wide Channels For Hanger Devices	35.92	14.10

23 05 29 00-1132 Structural Bar Tees For Hanger Devices *(23 05 29 00-1113)*

23 05 29 00-1133	LF	3/4" x 3/4" x 1/8" Structural Bar Tee For Hanger Devices	9.49	6.27
23 05 29 00-1134	LF	1" x 1" x 1/8" Structural Bar Tee For Hanger Devices	11.43	7.41
23 05 29 00-1135	LF	1-1/2" x 1-1/2" x 1/4" Structural Bar Tee For Hanger Devices	16.37	8.54
23 05 29 00-1136	LF	2" x 2" x 1/4" Structural Bar Tee For Hanger Devices	21.09	11.39
23 05 29 00-1137	LF	2-1/2" x 2-1/2" x 3/8" Structural Bar Tee For Hanger Devices	28.92	13.67
23 05 29 00-1138	LF	3" x 3" x 3/8" Structural Bar Tee For Hanger Devices	36.27	17.66

23 05 29 00-1139 Structural Zees For Hanger Devices *(23 05 29 00-1113)*

23 05 29 00-1140	LF	1-1/4" x 1-3/4" x 1-3/4" Structural Zee For Hanger Devices	16.39	8.54
23 05 29 00-1141	LF	2-11/16" x 3" x 2-11/16" Structural Zee For Hanger Devices	19.73	8.54
23 05 29 00-1142	LF	3-1/16" x 4" x 3-1/16" Structural Zee For Hanger Devices	28.91	8.54
23 05 29 00-1143	LF	3-1/4" x 5" x 3-1/4" Structural Zee For Hanger Devices	36.55	8.54
23 05 29 00-1144	LF	3-1/2" x 6" x 3-1/2" Structural Zee For Hanger Devices	44.57	8.54

23 05 29 00-1145 Junior I-beams For Hanger Devices *(23 05 29 00-1113)*

23 05 29 00-1146	LF	3" I-beam (Junior) For Hanger Devices	20.38	12.53
23 05 29 00-1147	LF	4" I-beam (Junior) For Hanger Devices	23.44	13.67
23 05 29 00-1148	LF	5" I-beam (Junior) For Hanger Devices	27.07	14.81
23 05 29 00-1149	LF	6" I-beam (Junior) For Hanger Devices	29.61	16.52
23 05 29 00-1150	LF	7" I-beam (Junior) For Hanger Devices	35.22	17.66
23 05 29 00-1151	LF	8" I-beam (Junior) For Hanger Devices	38.14	18.80

23 05 33 Heat Tracing for HVAC Piping *(23 05)*

See CSI section 23 83 13 00-0000 for heat tracing cables.

23 05 48 Vibration and Seismic Controls for HVAC *(23 05)*

23 05 48 13 Vibration Controls for HVAC *(23 05 48)*

23 05 48 13-0001 Unhoused Stable Steel Spring Isolators *(23 05 48 13)*

Note: Includes leveling adjustment, cast top, base plate and pad. For use with floor mounted equipment only.

23 05 48 13-0002	EA	60 LB Unhoused Steel Spring Isolator	103.36	32.21
23 05 48 13-0003	EA	115 LB Unhoused Steel Spring Isolator	109.68	32.21
23 05 48 13-0004	EA	1,130 LB Unhoused Steel Spring Isolator	130.62	32.21

23 05 48 13-0005 Vibration Isolators *(23 05 48 13)*

23 05 48 13-0006 Spring And Rubber Hanger For 1" Deflection *(23 05 48 13-0005)*

23 05 48 13-0007	EA	50 To 500 LB Rated Spring And Rubber Hanger For Vibration Isolation With 3/4" Max Rod Size	134.17	20.74
23 05 48 13-0008	EA	600 To 1,000 LB Rated Spring And Rubber Hanger For Vibration Isolation With 7/8" Max Rod Size	279.82	23.05

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 48 13-0009		**Rubber-In-Shear Isolator Hanger** *(23 05 48 13-0005)*		
23 05 48 13-0010	EA	45-340 LB Rubber In Shear Hanger 0.38" Deflection With <1/2" Rod Size	75.26	17.29
23 05 48 13-0011	EA	130-700 LB Rubber In Shear Hanger 0.43" Deflection With <3/4" Rod Size	97.34	20.74
23 05 48 13-0012		**Spring Hanger For 1" Deflection** *(23 05 48 13-0005)*		
23 05 48 13-0013	EA	50 To 1,000 LB Rubber In Shear Hanger For 1" Deflection With <3/4" Rod Size	85.48	20.74
23 05 48 13-0014		**Rubber-In-Shear Vibration Isolator** *(23 05 48 13-0005)*		
23 05 48 13-0015	EA	45 To 340 LB Rubber In Shear Vibration Isolation With 0.38" Deflection	157.36	39.19
23 05 48 13-0016	EA	130 To 700 LB Rubber In Shear Vibration Isolation With 0.43" Deflection	213.25	39.19
23 05 48 13-0017	EA	550 To 1,920 LB Rubber In Shear Vibration Isolation With 0.48" Deflection	405.05	39.19
23 05 48 13-0018		**Two-Piece Spring Type Vibration Isolator** *(23 05 48 13-0005)*		
		Note: For equipment support aluminum construction 1/2" adjusting and leveling bolt 1" deflection.		
23 05 48 13-0019	EA	50 To 1,000 LB Rated Load 2-Piece Isolator Spring Type Vibration Isolator	133.81	39.19
23 05 48 13-0020	EA	>1,000 To 1,600 LB Rated Load 2-Piece Isolator Spring Type Vibration Isolator	137.97	39.19
23 05 48 13-0021		**Open Double Spring Type Vibration Isolator** *(23 05 48 13-0005)*		
		Note: For equipment support 1" deflection neoprene pad and 5/8" stud bolt.		
23 05 48 13-0022	EA	150 To 450 LB Rated Load Open Isolator, Double Spring Type Vibration Isolator	102.84	19.59
23 05 48 13-0023	EA	500 To 1,000 LB Rated Load Open Isolator, Double Spring Type Vibration Isolator	102.84	19.59
23 05 48 13-0024	EA	1,100 To 1,600 LB Rated Load Open Isolator, Double Spring Type Vibration Isolator	116.72	19.59
23 05 48 13-0025	EA	1,700 To 2,400 LB Rated Load Open Isolator, Double Spring Type Vibration Isolator	116.72	19.59
23 05 48 13-0026	EA	2,500 To 3,400 LB Rated Load Open Isolator, Double Spring Type Vibration Isolator	179.52	19.59
23 05 48 13-0027		**Isolation Pads** *(23 05 48 13-0005)*		
23 05 48 13-0028		**Laminated Neoprene And Cork Isolation Pad** *(23 05 48 13-0027)*		
23 05 48 13-0029	EA	2" x 2", 1" Thick Laminated Neoprene And Cork Isolation Pad	7.05	2.88
23 05 48 13-0030	EA	3" x 3", 1" Thick Laminated Neoprene And Cork Isolation Pad	9.10	2.99
23 05 48 13-0031	EA	4" x 4", 1" Thick Laminated Neoprene And Cork Isolation Pad	11.46	3.11
23 05 48 13-0032	EA	12" x 12", 1" Thick Laminated Neoprene And Cork Isolation Pad	46.14	3.58
23 05 48 13-0033	EA	18" x 18", 1" Thick Laminated Neoprene And Cork Isolation Pad	88.58	4.03
23 05 48 13-0034		**Neoprene And Steel Plate Isolation Pad** *(23 05 48 13-0027)*		
23 05 48 13-0035	EA	6" x 4", 5/8" Thick Steel Plate And Ribbed Neoprene Isolation Pad	208.08	2.88
23 05 48 13-0036	EA	6" x 4", 7/8" Thick Steel Plate And Ribbed Neoprene Isolation Pad	230.50	2.88
23 05 48 13-0037		**Neoprene Isolation Pad** *(23 05 48 13-0027)*		
23 05 48 13-0038	EA	2" x 2", 3/8" Thick Ribbed Neoprene Isolation Pad	6.55	2.88
23 05 48 13-0039	EA	3" x 3", 3/8" Thick Ribbed Neoprene Isolation Pad	7.50	2.88
23 05 48 13-0040	EA	4" x 4", 3/8" Thick Ribbed Neoprene Isolation Pad	9.02	2.88
23 05 48 13-0041	EA	12" x 12", 3/8" Thick Ribbed Neoprene Isolation Pad	45.39	3.46
23 05 48 13-0042	EA	18" x 18", 3/8" Thick Ribbed Neoprene Isolation Pad	83.22	4.03
23 05 48 13-0043		**Threaded Flexible Bronze Hose Connectors** *(23 05 48 13)*		
		Note: Includes hex threaded nipple ends.		
23 05 48 13-0044	EA	3/8" Diameter x 9" Flexible Hose Connection, For Vibration Isolation, Bronze Hose With Hex Threaded Nipple Ends	73.04	18.43
23 05 48 13-0045	EA	1/2" Diameter x 10" Flexible Hose Connection, For Vibration Isolation, Bronze Hose With Hex Threaded Nipple Ends	85.97	25.35
23 05 48 13-0046	EA	3/4" Diameter x 11" Flexible Hose Connection, For Vibration Isolation, Bronze Hose With Hex Threaded Nipple Ends	105.48	31.12
23 05 48 13-0047	EA	1" Diameter x 12" Flexible Hose Connection, For Vibration Isolation, Bronze Hose With Hex Threaded Nipple Ends	122.83	36.88
23 05 48 13-0048	EA	1-1/4" Diameter x 12" Flexible Hose Connection, For Vibration Isolation, Bronze Hose With Hex Threaded Nipple Ends	140.93	48.40
23 05 48 13-0049	EA	1-1/2" Diameter x 14" Flexible Hose Connection, For Vibration Isolation, Bronze Hose With Hex Threaded Nipple Ends	158.81	51.51
23 05 48 13-0050	EA	2" Diameter x 14" Flexible Hose Connection, For Vibration Isolation, Bronze Hose With Hex Threaded Nipple Ends	212.26	61.07
23 05 48 13-0051	EA	2-1/2" Diameter x 16" Flexible Hose Connection, For Vibration Isolation, Bronze Hose With Hex Threaded Nipple Ends	292.18	95.19
23 05 48 13-0052		**Flanged Flexible Hose Connectors** *(23 05 48 13)*		
23 05 48 13-0053		**Flanged Flexible Molded Rubber Hose Connectors** *(23 05 48 13-0052)*		
		Note: With helical wire reinforcement 150 PSI.		
23 05 48 13-0054	EA	1-1/2" Diameter x 12" Molded Rubber Connectors With Helical Wire Reinforcement 150 PSI	221.72	86.43
23 05 48 13-0055	EA	2" Diameter x 12" Molded Rubber Connectors With Helical Wire Reinforcement 150 PSI	240.10	96.00
23 05 48 13-0056	EA	2-1/2" Diameter x 12" Molded Rubber Connectors With Helical Wire Reinforcement 150 PSI	393.35	191.77
23 05 48 13-0057	EA	3" Diameter x 12" Molded Rubber Connectors With Helical Wire Reinforcement 150 PSI	546.49	285.23

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 48 13-0058	EA	4" Diameter x 12" Molded Rubber Connectors With Helical Wire Reinforcement 150 PSI	711.58	368.20
23 05 48 13-0059	EA	6" Diameter x 18" Molded Rubber Connectors With Helical Wire Reinforcement 150 PSI	897.96	382.91
23 05 48 13-0060	EA	8" Diameter x 24" Molded Rubber Connectors With Helical Wire Reinforcement 150 PSI	1,089.44	437.34
23 05 48 13-0061	EA	10" Diameter x 24" Molded Rubber Connectors With Helical Wire Reinforcement 150 PSI	1,407.36	520.46
23 05 48 13-0062	EA	12" Diameter x 24" Molded Rubber Connectors With Helical Wire Reinforcement 150 PSI	3,452.71	650.94
23 05 48 13-0063		**Flanged Flexible Corrugated Stainless Steel Hose Connectors** *(23 05 48 13-0052)*		
		Note: With braided metal wire.		
23 05 48 13-0064	EA	1/2" Diameter x 12" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation	173.50	78.59
23 05 48 13-0065	EA	1" Diameter x 12" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation	170.96	108.10
23 05 48 13-0066	EA	1-1/2" Diameter x 12" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation	323.59	144.06
23 05 48 13-0067	EA	2" Diameter x 12" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation	422.20	216.08
23 05 48 13-0068	EA	2-1/2" Diameter x 12" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation	454.47	237.75
23 05 48 13-0069	EA	3" Diameter x 12" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation	528.99	287.88
23 05 48 13-0070	EA	4" Diameter x 12" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation	677.33	368.55
23 05 48 13-0071	EA	6" Diameter x 12" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation	931.01	458.57
23 05 48 13-0072	EA	8" Diameter x 12" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation	1,509.77	612.65
23 05 48 13-0073	EA	10" Diameter x 13" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation	1,775.97	708.43
23 05 48 13-0074	EA	12" Diameter x 14" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation	2,274.05	765.82
23 05 48 13-0075		**Flanged Flexible Molded Teflon Hose Connectors** *(23 05 48 13-0052)*		
		Note: 150 PSI.		
23 05 48 13-0076	EA	2-1/2" Diameter x 3-3/16" Molded Teflon Connectors With Stainless Steel Flanges, 150 PSI, For Vibration Isolation	949.53	167.11
23 05 48 13-0077	EA	3" Diameter x 3-5/8" Molded Teflon Connectors With Stainless Steel Flanges, 150 PSI, For Vibration Isolation	1,065.57	195.92
23 05 48 13-0078	EA	4" Diameter x 3-5/8" Molded Teflon Connectors With Stainless Steel Flanges, 150 PSI, For Vibration Isolation	1,617.21	329.27
23 05 48 13-0079	EA	6" Diameter x 4" Molded Teflon Connectors With Stainless Steel Flanges, 150 PSI, For Vibration Isolation	1,965.61	382.91
23 05 48 13-0080	EA	8" Diameter x 6" Molded Teflon Connectors With Stainless Steel Flanges, 150 PSI, For Vibration Isolation	2,578.99	469.71
23 05 48 13-0081		**Flexible Hose Connectors Braided Metal Hose Type** *(23 05 48 13)*		
23 05 48 13-0082		**Braided Metal Hose Type Flexible Bronze Hose Connectors** *(23 05 48 13-0081)*		
		Note: MPT connection.		
23 05 48 13-0083	EA	1/2" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	37.37	2.31
23 05 48 13-0084	EA	1/2" Diameter x 18" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	44.62	2.31
23 05 48 13-0085	EA	1/2" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	49.70	2.99
23 05 48 13-0086	EA	1/2" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	60.38	2.99
23 05 48 13-0087	EA	3/4" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	49.99	2.76
23 05 48 13-0088	EA	3/4" Diameter x 18" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	60.34	2.76
23 05 48 13-0089	EA	3/4" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	69.10	3.56
23 05 48 13-0090	EA	3/4" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	85.21	3.56
23 05 48 13-0091	EA	1" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	68.16	3.22
23 05 48 13-0092	EA	1" Diameter x 18" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	74.51	3.22
23 05 48 13-0093	EA	1" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	88.59	4.26
23 05 48 13-0094	EA	1" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	112.15	4.26
23 05 48 13-0095	EA	1" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	135.53	4.26
23 05 48 13-0096	EA	1" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	158.99	4.26
23 05 48 13-0097	EA	1-1/4" Or 1-1/2" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	97.06	4.13
23 05 48 13-0098	EA	1-1/4" Or 1-1/2" Diameter x 18" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	106.94	4.13
23 05 48 13-0099	EA	1-1/4" Or 1-1/2" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	137.08	4.13
23 05 48 13-0100	EA	1-1/4" Or 1-1/2" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	190.56	5.51
23 05 48 13-0101	EA	1-1/4" Or 1-1/2" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	220.93	5.51
23 05 48 13-0102	EA	1-1/4" Or 1-1/2" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	261.34	5.51
23 05 48 13-0103	EA	2" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	132.79	4.98
23 05 48 13-0104	EA	2" Diameter x 18" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	153.46	4.98
23 05 48 13-0105	EA	2" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	193.48	4.98
23 05 48 13-0106	EA	2" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	258.05	6.68
23 05 48 13-0107	EA	2" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	319.05	6.68
23 05 48 13-0108	EA	2" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	379.99	6.68
23 05 48 13-0109	EA	2-1/2" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	184.29	6.26
23 05 48 13-0110	EA	2-1/2" Diameter x 18" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	209.74	5.93
23 05 48 13-0111	EA	2-1/2" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	235.45	5.93
23 05 48 13-0112	EA	2-1/2" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	290.41	7.95
23 05 48 13-0113	EA	2-1/2" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	342.12	7.95
23 05 48 13-0114	EA	2-1/2" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	392.21	7.95
23 05 48 13-0115	EA	3" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	290.44	7.95
23 05 48 13-0116	EA	3" Diameter x 18" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	324.78	7.95
23 05 48 13-0117	EA	3" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	1,670.05	7.95
23 05 48 13-0118	EA	3" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	2,008.84	10.60
23 05 48 13-0119	EA	3" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	502.77	10.60
23 05 48 13-0120	EA	3" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	570.35	10.60
23 05 48 13-0121	EA	4" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	531.50	9.54
23 05 48 13-0122	EA	4" Diameter x 18" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	571.62	9.54
23 05 48 13-0123	EA	4" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	611.75	9.54
23 05 48 13-0124	EA	4" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	699.71	12.72
23 05 48 13-0125	EA	4" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	779.66	12.72
23 05 48 13-0126	EA	4" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	861.32	12.72

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 48 13-0127		**Braided Stainless Steel Flexible Hose Connectors** *(23 05 48 13-0081)* Note: Over braided carbon steel connection.		
23 05 48 13-0128	EA	2" Diameter x 12" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	158.09	5.04
23 05 48 13-0129	EA	2" Diameter x 18" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	190.92	5.04
23 05 48 13-0130	EA	2" Diameter x 24" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	223.14	5.04
23 05 48 13-0131	EA	2" Diameter x 36" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	292.08	6.75
23 05 48 13-0132	EA	2" Diameter x 48" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	357.38	6.75
23 05 48 13-0133	EA	2" Diameter x 60" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	422.61	6.75
23 05 48 13-0134	EA	2-1/2" Or 3" Diameter x 12" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	179.27	5.93
23 05 48 13-0135	EA	2-1/2" Or 3" Diameter x 18" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	213.58	5.93
23 05 48 13-0136	EA	2-1/2" Or 3" Diameter x 24" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	248.05	5.93
23 05 48 13-0137	EA	2-1/2" Or 3" Diameter x 36" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	321.37	7.95
23 05 48 13-0138	EA	2-1/2" Or 3" Diameter x 48" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	390.03	7.95
23 05 48 13-0139	EA	2-1/2" Or 3" Diameter x 60" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	457.74	7.95
23 05 48 13-0140	EA	4" Diameter x 12" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	190.39	7.95
23 05 48 13-0141	EA	4" Diameter x 18" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	229.70	8.16
23 05 48 13-0142	LF	4" Diameter x 24" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	269.57	7.95
23 05 48 13-0143	EA	4" Diameter x 36" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	357.01	10.60
23 05 48 13-0144	EA	4" Diameter x 48" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	436.32	10.60
23 05 48 13-0145	EA	4" Diameter x 60" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	517.88	10.60
23 05 48 13-0146	EA	6" Diameter x 18" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	383.78	15.44
23 05 48 13-0147	EA	6" Diameter x 24" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	565.58	15.55
23 05 48 13-0148	EA	6" Diameter x 36" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	758.46	20.48
23 05 48 13-0149	EA	6" Diameter x 48" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	940.33	20.48
23 05 48 13-0150	EA	6" Diameter x 60" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	1,122.15	20.48
23 05 48 13-0151	EA	8" Diameter x 18" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	666.15	19.42
23 05 48 13-0152	EA	8" Diameter x 24" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	803.69	19.42
23 05 48 13-0153	EA	8" Diameter x 36" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	1,089.41	25.24
23 05 48 13-0154	EA	8" Diameter x 48" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	1,362.27	25.24
23 05 48 13-0155	EA	8" Diameter x 60" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	1,635.05	25.24
23 05 48 13-0156	EA	10" Diameter x 18" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	714.19	24.27
23 05 48 13-0157	EA	10" Diameter x 24" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	1,058.06	24.27
23 05 48 13-0158	EA	10" Diameter x 36" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	1,417.00	31.60
23 05 48 13-0159	EA	10" Diameter x 48" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	1,762.08	31.60
23 05 48 13-0160	EA	10" Diameter x 60" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	2,105.69	31.60
23 05 48 13-0161	EA	12" Diameter x 24" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	1,413.68	29.34
23 05 48 13-0162	EA	12" Diameter x 36" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	1,842.82	29.34
23 05 48 13-0163	EA	12" Diameter x 48" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	2,305.93	39.48
23 05 48 13-0164	EA	12" Diameter x 60" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	2,738.84	39.48
23 05 48 13-0165	EA	12" Diameter x 72" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	3,173.77	39.48
23 05 48 13-0166		**Braided Metal Hose Type Flexible Bronze Hose Connectors** *(23 05 48 13-0081)* Note: Flanged end connection (carbon steel ends).		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 48 13-0167	EA	2" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	740.27	4.98
23 05 48 13-0168	EA	2" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	1,220.91	141.23
23 05 48 13-0169	EA	2" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	1,536.59	141.23
23 05 48 13-0170	EA	2" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	1,852.28	141.23
23 05 48 13-0171	EA	2" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	2,168.09	141.23
23 05 48 13-0172	EA	2-1/2" Or 3" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	1,051.94	180.12
23 05 48 13-0173	EA	2-1/2" Or 3" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	1,384.60	180.12
23 05 48 13-0174	EA	2-1/2" Or 3" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	1,717.38	180.12
23 05 48 13-0175	EA	2-1/2" Or 3" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	2,050.29	180.12
23 05 48 13-0176	EA	2-1/2" Or 3" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	2,377.37	180.12
23 05 48 13-0177	EA	4" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	1,396.58	301.96
23 05 48 13-0178	EA	4" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	1,784.87	302.72
23 05 48 13-0179	EA	4" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	2,179.48	301.96
23 05 48 13-0180	EA	4" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	2,620.67	301.96
23 05 48 13-0181	EA	4" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	2,957.79	301.96
23 05 48 13-0182	EA	6" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	2,273.32	386.03
23 05 48 13-0183	EA	6" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	3,153.10	386.03
23 05 48 13-0184	EA	6" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	4,033.38	387.42
23 05 48 13-0185	EA	6" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	4,913.29	386.03
23 05 48 13-0186	EA	6" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	5,793.07	386.03
23 05 48 13-0187	EA	8" Diameter x 18" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	4,014.30	496.16
23 05 48 13-0188	EA	8" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	4,679.86	496.16
23 05 48 13-0189	EA	8" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	5,999.47	496.16
23 05 48 13-0190	EA	8" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	7,319.58	496.16
23 05 48 13-0191	EA	8" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	8,639.07	496.16
23 05 48 13-0192	EA	10" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	6,811.03	604.02
23 05 48 13-0193	EA	10" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	8,469.25	604.02
23 05 48 13-0194	EA	10" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	10,138.62	604.02
23 05 48 13-0195	EA	10" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	11,804.39	604.02
23 05 48 13-0196	EA	10" Diameter x 72" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	13,150.64	604.02
23 05 48 13-0197	EA	12" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	9,351.10	733.45
23 05 48 13-0198	EA	12" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	11,455.34	733.45
23 05 48 13-0199	EA	12" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	13,559.46	733.45
23 05 48 13-0200	EA	12" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	15,663.57	733.45
23 05 48 13-0201	EA	12" Diameter x 72" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	17,767.81	733.45

23 05 53 Identification for HVAC Piping and Equipment *(23 05)*

23 05 53 00-0001 Systems Identification *(23 05 53)*

23 05 53 00-0002 Pipe Marker Snap-On Type Plastic *(23 05 53 00-0001)*

Note: Outside diameters of insulation where necessary.

23 05 53 00-0003	EA	1/2" Outside Diameter Snap-On Plastic Marker	21.94
23 05 53 00-0004	EA	3/4" Outside Diameter Snap-On Plastic Marker	22.23
23 05 53 00-0005	EA	1" Outside Diameter Snap-On Plastic Marker	22.38
23 05 53 00-0006	EA	1-1/4" Outside Diameter Snap-On Plastic Marker	22.71
23 05 53 00-0007	EA	1-1/2" Outside Diameter Snap-On Plastic Marker	26.64
23 05 53 00-0008	EA	2" Outside Diameter Snap-On Plastic Marker	27.16

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 53 00-0009	EA	2-1/2" Outside Diameter Snap-On Plastic Marker	44.22	
23 05 53 00-0010	EA	3" Outside Diameter Snap-On Plastic Marker	44.64	
23 05 53 00-0011	EA	3-1/2" Outside Diameter Snap-On Plastic Marker	45.08	
23 05 53 00-0012	EA	4" Outside Diameter Snap-On Plastic Marker	45.31	
23 05 53 00-0013	EA	4-1/2" Outside Diameter Snap-On Plastic Marker	45.56	
23 05 53 00-0014	EA	5" Outside Diameter Snap-On Plastic Marker	45.81	
23 05 53 00-0015	EA	6" Outside Diameter Snap-On Plastic Marker	48.05	
23 05 53 00-0016	EA	7" Outside Diameter Snap-On Plastic Marker	48.33	
23 05 53 00-0017	EA	8" Outside Diameter Snap-On Plastic Marker	60.03	
23 05 53 00-0018	EA	10" Outside Diameter Snap-On Plastic Marker	61.91	
23 05 53 00-0019	EA	12" Outside Diameter Snap-On Plastic Marker	71.19	
23 05 53 00-0020	EA	14" Outside Diameter Snap-On Plastic Marker	81.69	

23 05 53 00-0021 Pipe Markers Pressure-Sensitive *(23 05 53 00-0001)*

Note: Outside diameter includes insulation where necessary.

23 05 53 00-0022	EA	1/2" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	13.68	
23 05 53 00-0023	EA	3/4" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	14.25	
23 05 53 00-0024	EA	1" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	15.41	
23 05 53 00-0025	EA	1-1/4" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	15.64	
23 05 53 00-0026	EA	1-1/2" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	16.77	
23 05 53 00-0027	EA	2" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	17.12	
23 05 53 00-0028	EA	2-1/2" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	19.46	
23 05 53 00-0029	EA	3" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	19.91	
23 05 53 00-0030	EA	3-1/2" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	20.25	
23 05 53 00-0031	EA	4" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	20.61	
23 05 53 00-0032	EA	4-1/2" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	21.33	
23 05 53 00-0033	EA	5" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	22.10	
23 05 53 00-0034	EA	6" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	22.78	
23 05 53 00-0035	EA	7" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	23.45	
23 05 53 00-0036	EA	8" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	26.04	
23 05 53 00-0037	EA	10" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	27.30	
23 05 53 00-0038	EA	12" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation	31.99	

23 05 53 00-0039 Valve Identification Tag *(23 05 53 00-0001)*

Note: Includes beaded chain and/or "S" hook.

23 05 53 00-0040	EA	2" Diameter Identification Tag, Brass	12.04	
23 05 53 00-0041	EA	1-1/2" Diameter Identification Tag, Plastic	11.29	
23 05 53 00-0042	EA	1-1/2" Diameter Identification Tag, Brass	11.06	

23 05 93 Testing, Adjusting, and Balancing for HVAC *(23 05)*

Note: Includes all necessary testing, startup, and checkout. Use these tasks for testing, startup, and checkout of existing systems or for third party testing and report when required.

23 05 93 00-0001 Heating And Ventilating Equipment *(23 05 93)*

23 05 93 00-0002	EA	Balancing Centrifugal Fans	466.30	
		For Testing Of Unit Without Balancing, Deduct		*-233.15*
23 05 93 00-0003	EA	Balancing Heating And Ventilating Units	582.64	
		For Testing Of Unit Without Balancing, Deduct		*-291.32*
23 05 93 00-0004	EA	Balancing In Line Fan	524.58	
		For Testing Of Unit Without Balancing, Deduct		*-262.29*
23 05 93 00-0005	EA	Balancing Propeller And Wall Fan	116.57	
		For Testing Of Unit Without Balancing, Deduct		*-58.29*
23 05 93 00-0006	EA	Balancing Roof Exhaust Fan	349.70	
		For Testing Of Unit Without Balancing, Deduct		*-174.85*
23 05 93 00-0007	EA	Balancing Wall Fan	87.41	
		For Testing Of Unit Without Balancing, Deduct		*-43.71*
23 05 93 00-0008	EA	Balancing Fan Section Exhaust	465.55	
		For Testing Of Unit Without Balancing, Deduct		*-232.78*

23 05 93 00-0009 Air Conditioning Equipment *(23 05 93)*

23 05 93 00-0010	EA	Balancing Constant Volume Air Handling Unit	849.11	
		For Testing Of Unit Without Balancing, Deduct		*-424.56*
23 05 93 00-0011	EA	Balancing Package A/C Unit	318.42	
		For Testing Of Unit Without Balancing, Deduct		*-159.21*
23 05 93 00-0012	EA	Balancing Rooftop Heat And Cool Unit	424.56	
		For Testing Of Unit Without Balancing, Deduct		*-212.28*
23 05 93 00-0013	EA	Balancing Variable Volume Air Handling Unit	1,485.95	
		For Testing Of Unit Without Balancing, Deduct		*-742.98*

23 05 93 00-0014 Registers, Diffusers, Terminal Air Units And Dampers *(23 05 93)*

23 05 93 00-0015	EA	Balancing HVAC Duct System, Ceiling Height To 12' Supply, Return, Exhaust, Register And Diffuser	87.43	
		For Testing Of Unit Without Balancing, Deduct		*-43.72*
23 05 93 00-0016	EA	Balancing HVAC Duct System, Ceiling Height >12' Supply, Return, Exhaust, Register And Diffuser	145.72	
		For Testing Of Unit Without Balancing, Deduct		*-72.86*
23 05 93 00-0017	EA	Balancing HVAC Duct System, Floor Height Supply, Return, Exhaust, Register And Diffuser	75.77	
		For Testing Of Unit Without Balancing, Deduct		*-37.89*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 93 00-0018	EA	Balance Variable Air Volume Box	82.10	
		For Testing Of Unit Without Balancing, Deduct	*-41.05*	
23 05 93 00-0019	EA	Balance Constant Volume Box	82.10	
		For Testing Of Unit Without Balancing, Deduct	*-41.05*	
23 05 93 00-0020	EA	Balance Fan Powered Box	93.26	
		For Testing Of Unit Without Balancing, Deduct	*-46.63*	
23 05 93 00-0021	EA	Balance Lab Fume Hood	378.88	
		For Testing Of Unit Without Balancing, Deduct	*-189.44*	
23 05 93 00-0022	EA	Balance General Hood	291.44	
		For Testing Of Unit Without Balancing, Deduct	*-145.72*	
23 05 93 00-0023	EA	Balance Induction Unit	174.87	
		For Testing Of Unit Without Balancing, Deduct	*-87.44*	
23 05 93 00-0024	EA	Balance Moduline - Master	69.93	
		For Testing Of Unit Without Balancing, Deduct	*-34.97*	
23 05 93 00-0025	EA	Balance Moduline - Slave	34.97	
		For Testing Of Unit Without Balancing, Deduct	*-17.49*	
23 05 93 00-0026	EA	Balance Dampers	32.47	
		For Testing Of Unit Without Balancing, Deduct	*-16.24*	
23 05 93 00-0027	EA	Balance Regenerators	465.55	
		For Testing Of Unit Without Balancing, Deduct	*-232.78*	

23 05 93 00-0028 Water Balancing Of Components *(23 05 93)*

23 05 93 00-0029	EA	Water Balance, Air Cool Condenser	583.82	
		For Testing Of Unit Without Balancing, Deduct	*-291.91*	
23 05 93 00-0030	EA	Water Balance, Cabinet Heater	74.30	
		For Testing Of Unit Without Balancing, Deduct	*-37.15*	
23 05 93 00-0031	EA	Water Balance, Chiller, Air Cooled	636.78	
		For Testing Of Unit Without Balancing, Deduct	*-318.39*	
23 05 93 00-0032	EA	Water Balance, Chiller, Water Cooled	849.11	
		For Testing Of Unit Without Balancing, Deduct	*-424.56*	
23 05 93 00-0033	EA	Water Balance, Cooling Tower	424.56	
		For Testing Of Unit Without Balancing, Deduct	*-212.28*	
23 05 93 00-0034	EA	Water Balance, Fan Coil And Vent	106.20	
		For Testing Of Unit Without Balancing, Deduct	*-53.10*	
23 05 93 00-0035	EA	Water Balance, Fin Tube And Radiant Panel	106.14	
		For Testing Of Unit Without Balancing, Deduct	*-53.07*	
23 05 93 00-0036	EA	Water Balance, Main And Duct Re-Heat Coil	116.75	
		For Testing Of Unit Without Balancing, Deduct	*-58.38*	
23 05 93 00-0037	EA	Water Balance, Pumps	318.43	
		For Testing Of Unit Without Balancing, Deduct	*-159.22*	
23 05 93 00-0038	EA	Water Balance, Unit Heater	74.30	
		For Testing Of Unit Without Balancing, Deduct	*-37.15*	
23 05 93 00-0039	EA	Water Balancing, Converter	318.55	
		For Testing Of Unit Without Balancing, Deduct	*-159.28*	
23 05 93 00-0040	EA	Water Balancing, Cocks And Valves	53.06	
		For Testing Of Unit Without Balancing, Deduct	*-26.53*	
23 05 93 00-0041	EA	Water Balance, Convector	63.68	
		For Testing Of Unit Without Balancing, Deduct	*-31.84*	
23 05 93 00-0042	EA	Water Balancing, Backflow Preventer Or Reduced Pressure Zone Valves	79.61	
		For Testing Of Unit Without Balancing, Deduct	*-39.81*	
23 05 93 00-0043	EA	Water Balance, Boiler, Up To 500 MBH	689.90	
		For Testing Of Unit Without Balancing, Deduct	*-344.95*	
23 05 93 00-0044	EA	>500 To 1,000 MBH, Water Balance, Boiler	1,273.68	
		For Testing Of Unit Without Balancing, Deduct	*-636.84*	
23 05 93 00-0045	EA	>1,000 MBH, Water Balance, Boiler	2,335.07	
		For Testing Of Unit Without Balancing, Deduct	*-1,167.54*	

23 05 93 00-0046 Non-Destructive Testing *(23 05 93)*

23 05 93 00-0047 X-Ray Welds, Non-Destructive Testing *(23 05 93 00-0046)*

23 05 93 00-0048 Minimum Charge For X-Ray Welds *(23 05 93 00-0047)*

23 05 93 00-0049	EA	X-Ray Welds Minimum Set-Up Charge Note: For projects where the total charges are less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	957.56

23 05 93 00-0050 Piping, X-Ray Welds, Non-Destructive Testing *(23 05 93 00-0047)*

23 05 93 00-0051	EA	Up To 3/4" Piping, X-Ray Welds, Non-Destructive Testing	89.40
23 05 93 00-0052	EA	1" Piping, X-Ray Welds, Non-Destructive Testing	101.65
23 05 93 00-0053	EA	1-1/4" - 1-1/2" Piping, X-Ray Welds, Non-Destructive Testing	113.90
23 05 93 00-0054	EA	2" Piping, X-Ray Welds, Non-Destructive Testing	120.40
23 05 93 00-0055	EA	3" Piping, X-Ray Welds, Non-Destructive Testing	126.88
23 05 93 00-0056	EA	4" Piping, X-Ray Welds, Non-Destructive Testing	134.11
23 05 93 00-0057	EA	6" Piping, X-Ray Welds, Non-Destructive Testing	147.08
23 05 93 00-0058	EA	8" Piping, X-Ray Welds, Non-Destructive Testing	160.07
23 05 93 00-0059	EA	10" Piping, X-Ray Welds, Non-Destructive Testing	167.29
23 05 93 00-0060	EA	12" Piping, X-Ray Welds, Non-Destructive Testing	174.50

23 05 93 00-0061 Liquid Penetration Of Welds, Non-Destructive Testing *(23 05 93 00-0046)*

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 93 00-0062		**Piping, Liquid Penetration Of Welds, Non-Destructive Testing** *(23 05 93 00-0061)*			
23 05 93 00-0063	EA	Up To 3/4" Piping, Liquid Penetration Of Welds, Non-Destructive Testing		118.05	
23 05 93 00-0064	EA	1" Piping, Liquid Penetration Of Welds, Non-Destructive Testing		123.81	
23 05 93 00-0065	EA	1-1/4" - 1-1/2" Piping, Liquid Penetration Of Welds, Non-Destructive Testing		129.57	
23 05 93 00-0066	EA	2" Piping, Liquid Penetration Of Welds, Non-Destructive Testing		132.45	
23 05 93 00-0067	EA	3" Piping, Liquid Penetration Of Welds, Non-Destructive Testing		136.78	
23 05 93 00-0068	EA	4" Piping, Liquid Penetration Of Welds, Non-Destructive Testing		141.10	
23 05 93 00-0069	EA	6" Piping, Liquid Penetration Of Welds, Non-Destructive Testing		149.74	
23 05 93 00-0070	EA	8" Piping, Liquid Penetration Of Welds, Non-Destructive Testing		158.38	
23 05 93 00-0071	EA	10" Piping, Liquid Penetration Of Welds, Non-Destructive Testing		167.03	
23 05 93 00-0072	EA	12" Piping, Liquid Penetration Of Welds, Non-Destructive Testing		175.67	
23 05 93 00-0073		**Hydrostatic Testing** *(23 05 93 00-0046)* Note: Includes flushing and restoring of system.			
23 05 93 00-0074		**Piping, Hydrostatic Testing** *(23 05 93 00-0073)*			
23 05 93 00-0075	EA	Up To 100', Up To 1-1/2" Piping, Hydrostatic Testing		758.18	
23 05 93 00-0076	EA	>100' To 250', Up To 1-1/2" Piping, Hydrostatic Testing		1,083.12	
23 05 93 00-0077	EA	>250' To 500', Up To 1-1/2" Piping, Hydrostatic Testing		1,297.78	
23 05 93 00-0078	EA	>500' To 1,000', Up To 1-1/2" Piping, Hydrostatic Testing		1,728.66	
23 05 93 00-0079	EA	>1,000' To 2,000', Up To 1-1/2" Piping, Hydrostatic Testing		2,619.17	
23 05 93 00-0080	EA	Up To 100', >1-1/2" To 4" Piping, Hydrostatic Testing		1,008.08	
23 05 93 00-0081	EA	>100' To 250', >1-1/2" To 4" Piping, Hydrostatic Testing		1,440.54	
23 05 93 00-0082	EA	>250' To 500', >1-1/2" To 4" Piping, Hydrostatic Testing		1,714.94	
23 05 93 00-0083	EA	>500' To 1,000', >1-1/2" To 4" Piping, Hydrostatic Testing		2,247.23	
23 05 93 00-0084	EA	>1,000' To 2,000', >1-1/2" To 4" Piping, Hydrostatic Testing		3,399.68	
23 05 93 00-0085	EA	Up To 100', >4" To 10" Piping, Hydrostatic Testing		1,313.78	
23 05 93 00-0086	EA	>100' To 250', >4" To 10" Piping, Hydrostatic Testing		1,872.71	
23 05 93 00-0087	EA	>250' To 500', >4" To 10" Piping, Hydrostatic Testing		1,975.81	
23 05 93 00-0088	EA	>500' To 1,000', >4" To 10" Piping, Hydrostatic Testing		2,588.47	
23 05 93 00-0089	EA	>1,000' To 2,000', >4" To 10" Piping, Hydrostatic Testing		3,915.87	
23 05 93 00-0090	EA	Up To 100', >10" To 14" Piping, Hydrostatic Testing		1,705.61	
23 05 93 00-0091	EA	>100' To 250', >10" To 14" Piping, Hydrostatic Testing		2,431.63	
23 05 93 00-0092	EA	>250' To 500', >10" To 14" Piping, Hydrostatic Testing		2,569.06	
23 05 93 00-0093	EA	>500' To 1,000', >10" To 14" Piping, Hydrostatic Testing		3,369.60	
23 05 93 00-0094	EA	>1,000' To 2,000', >10" To 14" Piping, Hydrostatic Testing		5,105.46	
23 05 93 00-0095		**Pneumatic Testing** *(23 05 93 00-0046)* Note: Includes soaping joints flushing and restoring of system. Can be used for gas or smoke test.			
23 05 93 00-0096		**Piping, Pneumatic Testing** *(23 05 93 00-0095)*			
23 05 93 00-0097	EA	Up To 100', Up To 1-1/2" Piping, Pneumatic Testing Note: Includes soaping joints.		862.72	
23 05 93 00-0098	EA	>100' To 250', Up To 1-1/2" Piping, Pneumatic Testing Note: Includes soaping joints.		1,230.80	
23 05 93 00-0099	EA	>250' To 500', Up To 1-1/2" Piping, Pneumatic Testing Note: Includes soaping joints.		1,330.06	
23 05 93 00-0100	EA	>500' To 1,000', Up To 1-1/2" Piping, Pneumatic Testing Note: Includes soaping joints.		1,704.33	
23 05 93 00-0101	EA	>1,000' To 2,000', Up To 1-1/2" Piping, Pneumatic Testing Note: Includes soaping joints.		2,666.76	
23 05 93 00-0102	EA	Up To 100', >1-1/2" To 4" Piping, Pneumatic Testing Note: Includes soaping joints.		1,125.70	
23 05 93 00-0103	EA	>100' To 250', >1-1/2" To 4" Piping, Pneumatic Testing Note: Includes soaping joints.		1,598.19	
23 05 93 00-0104	EA	>250' To 500', >1-1/2" To 4" Piping, Pneumatic Testing Note: Includes soaping joints.		1,728.90	
23 05 93 00-0105	EA	>500' To 1,000', >1-1/2" To 4" Piping, Pneumatic Testing Note: Includes soaping joints.		2,215.98	
23 05 93 00-0106	EA	>1,000' To 2,000', >1-1/2" To 4" Piping, Pneumatic Testing Note: Includes soaping joints.		3,466.06	
23 05 93 00-0107	EA	Up To 100', >4" To 10" Piping, Pneumatic Testing Note: Includes soaping joints.		1,355.75	
23 05 93 00-0108	EA	>100' To 250', >4" To 10" Piping, Pneumatic Testing Note: Includes soaping joints.		1,912.98	
23 05 93 00-0109	EA	>250' To 500', >4" To 10" Piping, Pneumatic Testing Note: Includes soaping joints.		2,164.55	
23 05 93 00-0110	EA	>500' To 1,000', >4" To 10" Piping, Pneumatic Testing Note: Includes soaping joints.		2,766.84	
23 05 93 00-0111	EA	>1,000' To 2,000', >4" To 10" Piping, Pneumatic Testing Note: Includes soaping joints.		4,333.91	
23 05 93 00-0112	EA	Up To 100', >10" To 14" Piping, Pneumatic Testing Note: Includes soaping joints.		1,765.37	
23 05 93 00-0113	EA	>100' To 250', >10" To 14" Piping, Pneumatic Testing Note: Includes soaping joints.		2,487.11	
23 05 93 00-0114	EA	>250' To 500', >10" To 14" Piping, Pneumatic Testing Note: Includes soaping joints.		2,814.92	
23 05 93 00-0115	EA	>500' To 1,000', >10" To 14" Piping, Pneumatic Testing Note: Includes soaping joints.		3,597.90	
23 05 93 00-0116	EA	>1,000' To 2,000', >10" To 14" Piping, Pneumatic Testing Note: Includes soaping joints.		5,643.75	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 93 00-0117		EPA Testing Of Sludge *(23 05 93)*		
23 05 93 00-0118	EA	Flashpoint And Lead Test For Lead	1,029.44	
23 05 93 00-0119	EA	Air Test/Combustion Gas Level	100.57	
23 05 93 00-0120	EA	Toxicity Test For Heavy Metals	1,580.55	
23 05 93 00-0121	EA	Aboveground Tank Water Settlement Test Including Water	1,198.54	

23 07 HVAC Insulation *(23)*

23 07 13 Duct Insulation *(23 07)*

Note: Based on SF surface area of duct to receive insulation.

23 07 13 00-0001 FSK Fiber Glass Duct Wrap Insulation *(23 07 13)*

Note: Foil-scrim kraft (FSK) facing lapped and joints sealed vapor tight. See CSI section 23 33 53 00-0000 for internal duct insulation.

23 07 13 00-0002 Type 75 (0.75 LB/CF) FSK Fiber Glass Duct Wrap Insulation *(23 07 13 00-0001)*

23 07 13 00-0003	SF	1" Thick, Type 75 (0.75 LB/CF) FSK Fiber Glass Duct Wrap Insulation	4.02	2.28
		For Plain Blanket, With No Facing, Deduct	*-0.39*	
		For Work In Restricted Working Space, Add	*0.91*	
23 07 13 00-0004	SF	1-1/2" Thick, Type 75 (0.75 LB/CF) FSK Fiber Glass Duct Wrap Insulation	4.68	2.28
		For Plain Blanket, With No Facing, Deduct	*-0.45*	
		For Work In Restricted Working Space, Add	*1.07*	
23 07 13 00-0005	SF	2" Thick, Type 75 (0.75 LB/CF) FSK Fiber Glass Duct Wrap Insulation	5.30	3.41
		For Plain Blanket, With No Facing, Deduct	*-0.49*	
		For Work In Restricted Working Space, Add	*1.22*	
23 07 13 00-0006	SF	3" Thick, Type 75 (0.75 LB/CF) FSK Fiber Glass Duct Wrap Insulation	6.27	3.99
		For Plain Blanket, With No Facing, Deduct	*-0.61*	
		For Work In Restricted Working Space, Add	*1.43*	
23 07 13 00-0007	SF	4" Thick, Type 75 (0.75 LB/CF) FSK Fiber Glass Duct Wrap Insulation	7.54	4.33
		For Plain Blanket, With No Facing, Deduct	*-0.96*	
		For Work In Restricted Working Space, Add	*1.54*	

23 07 13 00-0008 Type 100 (1.0 LB/CF) FSK Fiber Glass Duct Wrap Insulation *(23 07 13 00-0001)*

23 07 13 00-0009	SF	1" Thick, Type 100 (1.0 LB/CF) FSK Fiber Glass Duct Wrap Insulation	4.93	3.41
		For Plain Blanket, With No Facing, Deduct	*-0.45*	
		For Work In Restricted Working Space, Add	*1.14*	
23 07 13 00-0010	SF	1-1/2" Thick, Type 100 (1.0 LB/CF) FSK Fiber Glass Duct Wrap Insulation	5.76	3.99
		For Plain Blanket, With No Facing, Deduct	*-0.55*	
		For Work In Restricted Working Space, Add	*1.31*	
23 07 13 00-0011	SF	2" Thick, Type 100 (1.0 LB/CF) Fiber Glass FSK Duct Wrap Insulation	6.80	4.55
		For Plain Blanket, With No Facing, Deduct	*-0.65*	
		For Work In Restricted Working Space, Add	*1.55*	

23 07 13 00-0012 Type 150 (1.5 LB/CF) FSK Fiber Glass Duct Wrap Insulation *(23 07 13 00-0001)*

23 07 13 00-0013	SF	1" Thick, Type 150 (1.5 LB/CF) FSK Fiber Glass Duct Wrap Insulation	6.49	4.55
		For Plain Blanket, With No Facing, Deduct	*-0.77*	
		For Work In Restricted Working Space, Add	*1.37*	
23 07 13 00-0014	SF	1-1/2" Thick, Type 150 (1.5 LB/CF) FSK Fiber Glass Duct Wrap Insulation	8.56	5.13
		For Plain Blanket, With No Facing, Deduct	*-1.34*	
		For Work In Restricted Working Space, Add	*1.57*	
23 07 13 00-0015	SF	2" Thick, Type 150 (1.5 LB/CF) FSK Fiber Glass Duct Wrap Insulation	10.00	5.70
		For Plain Blanket, With No Facing, Deduct	*-1.57*	
		For Work In Restricted Working Space, Add	*1.82*	

23 07 13 00-0016 3 LB/CF FSK Rigid Fiber Glass Board Insulation *(23 07 13)*

Note: Foil-scrim kraft (FSK) facing, sealed vapor tight and attached to ducts with mechanical fasteners.

23 07 13 00-0017	SF	1" Thick, 3 LB/CF FSK Rigid Fiber Glass Board Insulation	10.81	5.72
		For 8 Oz Canvas On Duct, Applied Over Deadening Felt And Finished, Add	*24.75*	
		For Finishing Cement 1/2" Thick Over 1" Wire Mesh, Add	*18.39*	
		For Non-Metallic Weatherproof Paste, 2 LB, Add	*15.15*	
		For Work In Restricted Working Space, Add	*3.03*	
23 07 13 00-0018	SF	1-1/2" Thick, 3 LB/CF FSK Rigid Fiber Glass Board Insulation	13.93	6.96
		For 8 Oz Canvas On Duct, Applied Over Deadening Felt And Finished, Add	*30.68*	
		For Finishing Cement 1/2" Thick Over 1" Wire Mesh, Add	*23.16*	
		For Non-Metallic Weatherproof Paste, 2 LB, Add	*18.98*	
		For Work In Restricted Working Space, Add	*3.69*	
23 07 13 00-0019	SF	2" Thick, 3 LB/CF FSK Rigid Fiber Glass Board Insulation	17.40	8.40
		For 8 Oz Canvas On Duct, Applied Over Deadening Felt And Finished, Add	*37.43*	
		For Finishing Cement 1/2" Thick Over 1" Wire Mesh, Add	*28.54*	
		For Non-Metallic Weatherproof Paste, 2 LB, Add	*23.32*	
		For Work In Restricted Working Space, Add	*4.46*	

23 07 13 00-0020 4.253 LB/CF FSK Rigid Fiber Glass Board Insulation *(23 07 13)*

Note: Foil-scrim kraft (FSK) facing, sealed vapor tight and attached to ducts with mechanical fastener.

23 07 13 00-0021	SF	1" Thick, 4.253 LB/CF FSK Rigid Fiber Glass Board Insulation	12.15	6.30
		For Work In Restricted Working Space, Add	*3.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 07 13 00-0022	SF	1-1/2" Thick, 4.253 LB/CF FSK Rigid Fiber Glass Board Insulation	15.84	7.66
		For Work In Restricted Working Space, Add	*4.06*	
23 07 13 00-0023	SF	2" Thick, 4.253 LB/CF FSK Rigid Fiber Glass Board Insulation	20.36	9.24
		For Work In Restricted Working Space, Add	*4.90*	
23 07 13 00-0024		**Sheet Flexible Elastomeric Insulation** *(23 07 13)*		
23 07 13 00-0025	SF	3/8" Thick, Sheet Flexible Elastomeric Insulation	9.12	3.07
23 07 13 00-0026	SF	1/2" Thick, Sheet Flexible Elastomeric Insulation	9.75	3.24
23 07 13 00-0027	SF	3/4" Thick, Sheet Flexible Elastomeric Insulation	12.77	3.41
23 07 13 00-0028	SF	1" Thick, Sheet Flexible Elastomeric Insulation	14.72	3.58
23 07 13 00-0029	SF	1-1/2" Thick, Sheet Flexible Elastomeric Insulation	20.37	3.93
23 07 13 00-0030	SF	2" Thick, Sheet Flexible Elastomeric Insulation	24.09	4.27
23 07 13 00-0031		**Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation** *(23 07 13)* Note: Jacketing is a 3-ply laminate consisting of a PVC core, 0.012" thick aluminum foil jacketing and UV-protective Mylar film.		
23 07 13 00-0032	SF	1/2" Thick, Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation	13.49	3.24
23 07 13 00-0033	SF	3/4" Thick, Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation	14.83	3.41
23 07 13 00-0034	SF	1" Thick, Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation	16.52	3.58
23 07 13 00-0035	SF	1-1/2" Thick, Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation	25.75	3.93
23 07 13 00-0036	SF	2" Thick, Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation	30.51	4.27
23 07 13 00-0037		**Adhesive Backed, Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation** *(23 07 13)* Note: Jacketing is a 3-ply laminate consisting of a PVC core, 0.012" thick aluminum foil jacketing and UV-protective Mylar film.		
23 07 13 00-0038	SF	1/2" Thick, Adhesive Backed, Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation	16.15	3.24
23 07 13 00-0039	SF	3/4" Thick, Adhesive Backed, Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation	17.49	3.41
23 07 13 00-0040	SF	1" Thick, Adhesive Backed, Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation	19.65	3.58
23 07 13 00-0041	SF	1-1/2" Thick, Adhesive Backed, Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation	28.84	3.93
23 07 16		**HVAC Equipment Insulation** *(23 07)*		
23 07 16 00-0001		**Calcium Silicate Block Insulation** *(23 07 16)*		
23 07 16 00-0002	SF	1" Thick, Calcium Silicate Block Insulation	17.41	6.87
		For Work In Restricted Working Space, Add	*4.12*	
23 07 16 00-0003	SF	1-1/2" Thick, Calcium Silicate Block Insulation	20.98	7.73
		For Work In Restricted Working Space, Add	*4.64*	
23 07 16 00-0004	SF	2" Thick, Calcium Silicate Block Insulation	25.24	8.92
		For Work In Restricted Working Space, Add	*5.37*	
23 07 16 00-0005	SF	2-1/2" Thick, Calcium Silicate Block Insulation	30.12	10.47
		For Work In Restricted Working Space, Add	*6.28*	
23 07 16 00-0006	SF	3" Thick, Calcium Silicate Block Insulation	36.79	12.89
		For Work In Restricted Working Space, Add	*7.73*	
23 07 19		**HVAC Piping Insulation** *(23 07)* See CSI section 22 07 19 00-0000 for pipe insulation.		
23 07 19 00-0001		**Calcium Silicate Pipe Insulation** *(23 07 19)* Note: Includes adhesive. Excludes fittings (a location requiring purchase of an insulation fitting or cutting and fitting straight sections, excludes couplings, plugs, etc.). For fittings/valves up to 3" add 2 LF for each fitting/valve or 3 LF for each flanged/grooved joint. For fittings/valves >3" add 3 LF for each fitting/valve or 4 LF for each flanged/grooved joint. See CSI section 22 07 19 00-0001 for protective jacketing.		
23 07 19 00-0002		**1" Thick, Calcium Silicate Pipe Insulation** *(23 07 19 00-0001)*		
23 07 19 00-0003	LF	1/2" Diameter Pipe, 1" Thick Calcium Silicate Insulation	13.48	3.75
		For Work In Restricted Working Space, Add	*2.81*	
23 07 19 00-0004	LF	3/4" Diameter Pipe, 1" Thick Calcium Silicate Insulation	13.48	3.75
		For Work In Restricted Working Space, Add	*2.81*	
23 07 19 00-0005	LF	1" Diameter Pipe, 1" Thick Calcium Silicate Insulation	13.44	3.80
		For Work In Restricted Working Space, Add	*2.85*	
23 07 19 00-0006	LF	1-1/4" Diameter Pipe, 1" Thick Calcium Silicate Insulation	13.64	3.85
		For Work In Restricted Working Space, Add	*2.89*	
23 07 19 00-0007	LF	1-1/2" Diameter Pipe, 1" Thick Calcium Silicate Insulation	13.81	3.91
		For Work In Restricted Working Space, Add	*2.93*	
23 07 19 00-0008	LF	2" Diameter Pipe, 1" Thick Calcium Silicate Insulation	14.70	4.02
		For Work In Restricted Working Space, Add	*3.01*	
23 07 19 00-0009	LF	2-1/2" Diameter Pipe, 1" Thick Calcium Silicate Insulation	15.37	4.18
		For Work In Restricted Working Space, Add	*3.13*	
23 07 19 00-0010	LF	3" Diameter Pipe, 1" Thick Calcium Silicate Insulation	16.01	4.28
		For Work In Restricted Working Space, Add	*3.21*	
23 07 19 00-0011	LF	4" Diameter Pipe, 1" Thick Calcium Silicate Insulation	18.15	4.61
		For Work In Restricted Working Space, Add	*3.46*	
23 07 19 00-0012	LF	6" Diameter Pipe, 1" Thick Calcium Silicate Insulation	20.25	5.20
		For Work In Restricted Working Space, Add	*3.90*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 07 19 00-0013		**1-1/2" Thick, Calcium Silicate Pipe Insulation** *(23 07 19 00-0001)*		
23 07 19 00-0014	LF	1/2" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation	14.10	3.90
		For Work In Restricted Working Space, Add	*2.93*	
23 07 19 00-0015	LF	3/4" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation	14.17	3.90
		For Work In Restricted Working Space, Add	*2.93*	
23 07 19 00-0016	LF	1" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation	15.16	4.13
		For Work In Restricted Working Space, Add	*3.10*	
23 07 19 00-0017	LF	1-1/4" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation	15.72	4.21
		For Work In Restricted Working Space, Add	*3.16*	
23 07 19 00-0018	LF	1-1/2" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation	16.30	4.29
		For Work In Restricted Working Space, Add	*3.21*	
23 07 19 00-0019	LF	2" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation	17.46	4.52
		For Work In Restricted Working Space, Add	*3.39*	
23 07 19 00-0020	LF	2-1/2" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation	18.22	4.60
		For Work In Restricted Working Space, Add	*3.45*	
23 07 19 00-0021	LF	3" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation	18.91	4.75
		For Work In Restricted Working Space, Add	*3.57*	
23 07 19 00-0022	LF	4" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation	20.99	5.15
		For Work In Restricted Working Space, Add	*3.86*	
23 07 19 00-0023	LF	6" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation	24.36	6.00
		For Work In Restricted Working Space, Add	*4.50*	
23 07 19 00-0024	LF	8" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation	28.24	6.33
		For Work In Restricted Working Space, Add	*4.75*	
23 07 19 00-0025	LF	10" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation	35.37	7.58
		For Work In Restricted Working Space, Add	*5.69*	
23 07 19 00-0026	LF	12" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation	41.55	8.83
		For Work In Restricted Working Space, Add	*6.62*	
23 07 19 00-0027	LF	14" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation	46.20	9.68
		For Work In Restricted Working Space, Add	*7.26*	
23 07 19 00-0028	LF	16" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation	55.43	12.33
		For Work In Restricted Working Space, Add	*9.24*	
23 07 19 00-0029	LF	18" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation	59.57	12.94
		For Work In Restricted Working Space, Add	*9.70*	
23 07 19 00-0030		**2" Thick, Calcium Silicate Pipe Insulation** *(23 07 19 00-0001)*		
23 07 19 00-0031	LF	1/2" Diameter Pipe, 2" Thick Calcium Silicate Insulation	17.59	4.28
		For Work In Restricted Working Space, Add	*3.21*	
23 07 19 00-0032	LF	3/4" Diameter Pipe, 2" Thick Calcium Silicate Insulation	17.96	4.28
		For Work In Restricted Working Space, Add	*3.21*	
23 07 19 00-0033	LF	1" Diameter Pipe, 2" Thick Calcium Silicate Insulation	18.49	4.34
		For Work In Restricted Working Space, Add	*3.26*	
23 07 19 00-0034	LF	1-1/4" Diameter Pipe, 2" Thick Calcium Silicate Insulation	19.18	4.39
		For Work In Restricted Working Space, Add	*3.30*	
23 07 19 00-0035	LF	1-1/2" Diameter Pipe, 2" Thick Calcium Silicate Insulation	19.66	4.45
		For Work In Restricted Working Space, Add	*3.34*	
23 07 19 00-0036	LF	2" Diameter Pipe, 2" Thick Calcium Silicate Insulation	20.48	4.61
		For Work In Restricted Working Space, Add	*3.46*	
23 07 19 00-0037	LF	2-1/2" Diameter Pipe, 2" Thick Calcium Silicate Insulation	22.72	4.77
		For Work In Restricted Working Space, Add	*3.58*	
23 07 19 00-0038	LF	3" Diameter Pipe, 2" Thick Calcium Silicate Insulation	23.16	4.93
		For Work In Restricted Working Space, Add	*3.70*	
23 07 19 00-0039	LF	4" Diameter Pipe, 2" Thick Calcium Silicate Insulation	25.54	5.21
		For Work In Restricted Working Space, Add	*3.91*	
23 07 19 00-0040	LF	6" Diameter Pipe, 2" Thick Calcium Silicate Insulation	31.23	6.24
		For Work In Restricted Working Space, Add	*4.69*	
23 07 19 00-0041	LF	8" Diameter Pipe, 2" Thick Calcium Silicate Insulation	35.08	6.60
		For Work In Restricted Working Space, Add	*4.94*	
23 07 19 00-0042	LF	10" Diameter Pipe, 2" Thick Calcium Silicate Insulation	43.09	7.89
		For Work In Restricted Working Space, Add	*5.92*	
23 07 19 00-0043	LF	12" Diameter Pipe, 2" Thick Calcium Silicate Insulation	49.58	9.45
		For Work In Restricted Working Space, Add	*7.09*	
23 07 19 00-0044	LF	14" Diameter Pipe, 2" Thick Calcium Silicate Insulation	61.50	13.18
		For Work In Restricted Working Space, Add	*9.89*	
23 07 19 00-0045	LF	16" Diameter Pipe, 2" Thick Calcium Silicate Insulation	64.42	13.18
		For Work In Restricted Working Space, Add	*9.89*	
23 07 19 00-0046	LF	18" Diameter Pipe, 2" Thick Calcium Silicate Insulation	68.92	13.84
		For Work In Restricted Working Space, Add	*10.38*	
23 07 19 00-0047	LF	20" Diameter Pipe, 2" Thick Calcium Silicate Insulation	81.82	15.82
		For Work In Restricted Working Space, Add	*11.87*	
23 07 19 00-0048	LF	24" Diameter Pipe, 2" Thick Calcium Silicate Insulation	95.62	19.11
		For Work In Restricted Working Space, Add	*14.34*	
23 07 19 00-0049		**2-1/2" Thick, Calcium Silicate Pipe Insulation** *(23 07 19 00-0001)*		
23 07 19 00-0050	LF	1/2" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation	21.01	4.94
		For Work In Restricted Working Space, Add	*3.71*	
23 07 19 00-0051	LF	3/4" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation	21.40	4.94
		For Work In Restricted Working Space, Add	*3.71*	
23 07 19 00-0052	LF	1" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation	21.76	5.01
		For Work In Restricted Working Space, Add	*3.77*	
23 07 19 00-0053	LF	1-1/4" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation	21.97	5.06
		For Work In Restricted Working Space, Add	*3.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 07 19 00-0054	LF	1-1/2" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation	22.48	5.10
		For Work In Restricted Working Space, Add	*3.82*	
23 07 19 00-0055	LF	2" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation	23.44	5.31
		For Work In Restricted Working Space, Add	*3.98*	
23 07 19 00-0056	LF	2-1/2" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation	26.13	5.49
		For Work In Restricted Working Space, Add	*4.12*	
23 07 19 00-0057	LF	3" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation	26.61	5.68
		For Work In Restricted Working Space, Add	*4.26*	
23 07 19 00-0058	LF	4" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation	30.45	5.99
		For Work In Restricted Working Space, Add	*4.49*	
23 07 19 00-0059	LF	6" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation	37.61	6.81
		For Work In Restricted Working Space, Add	*5.11*	
23 07 19 00-0060	LF	8" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation	42.83	7.59
		For Work In Restricted Working Space, Add	*5.69*	
23 07 19 00-0061	LF	10" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation	51.01	8.76
		For Work In Restricted Working Space, Add	*6.57*	
23 07 19 00-0062	LF	12" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation	59.69	10.89
		For Work In Restricted Working Space, Add	*8.16*	
23 07 19 00-0063	LF	14" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation	65.96	11.88
		For Work In Restricted Working Space, Add	*8.91*	
23 07 19 00-0064	LF	16" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation	80.43	15.19
		For Work In Restricted Working Space, Add	*11.39*	
23 07 19 00-0065	LF	18" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation	84.90	15.94
		For Work In Restricted Working Space, Add	*11.96*	
23 07 19 00-0066	LF	20" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation	98.36	18.23
		For Work In Restricted Working Space, Add	*13.67*	
23 07 19 00-0067	LF	24" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation	115.85	22.02
		For Work In Restricted Working Space, Add	*16.51*	

23 07 19 00-0068 3" Thick, Calcium Silicate Pipe Insulation *(23 07 19 00-0001)*

23 07 19 00-0069	LF	1/2" Diameter Pipe, 3" Thick Calcium Silicate Insulation	26.14	5.47
		For Work In Restricted Working Space, Add	*4.10*	
23 07 19 00-0070	LF	3/4" Diameter Pipe, 3" Thick Calcium Silicate Insulation	26.22	5.47
		For Work In Restricted Working Space, Add	*4.10*	
23 07 19 00-0071	LF	1" Diameter Pipe, 3" Thick Calcium Silicate Insulation	26.46	5.53
		For Work In Restricted Working Space, Add	*4.15*	
23 07 19 00-0072	LF	1-1/4" Diameter Pipe, 3" Thick Calcium Silicate Insulation	26.73	5.56
		For Work In Restricted Working Space, Add	*4.17*	
23 07 19 00-0073	LF	1-1/2" Diameter Pipe, 3" Thick Calcium Silicate Insulation	26.99	5.62
		For Work In Restricted Working Space, Add	*4.22*	
23 07 19 00-0074	LF	2" Diameter Pipe, 3" Thick Calcium Silicate Insulation	27.91	5.83
		For Work In Restricted Working Space, Add	*4.37*	
23 07 19 00-0075	LF	2-1/2" Diameter Pipe, 3" Thick Calcium Silicate Insulation	30.75	6.03
		For Work In Restricted Working Space, Add	*4.52*	
23 07 19 00-0076	LF	3" Diameter Pipe, 3" Thick Calcium Silicate Insulation	31.43	6.24
		For Work In Restricted Working Space, Add	*4.69*	
23 07 19 00-0077	LF	4" Diameter Pipe, 3" Thick Calcium Silicate Insulation	36.68	6.60
		For Work In Restricted Working Space, Add	*4.95*	
23 07 19 00-0078	LF	6" Diameter Pipe, 3" Thick Calcium Silicate Insulation	43.35	7.49
		For Work In Restricted Working Space, Add	*5.62*	
23 07 19 00-0079	LF	8" Diameter Pipe, 3" Thick Calcium Silicate Insulation	50.21	8.35
		For Work In Restricted Working Space, Add	*6.26*	
23 07 19 00-0080	LF	10" Diameter Pipe, 3" Thick Calcium Silicate Insulation	59.50	9.63
		For Work In Restricted Working Space, Add	*7.22*	
23 07 19 00-0081	LF	12" Diameter Pipe, 3" Thick Calcium Silicate Insulation	69.11	11.97
		For Work In Restricted Working Space, Add	*8.98*	
23 07 19 00-0082	LF	14" Diameter Pipe, 3" Thick Calcium Silicate Insulation	76.62	13.07
		For Work In Restricted Working Space, Add	*9.80*	
23 07 19 00-0083	LF	16" Diameter Pipe, 3" Thick Calcium Silicate Insulation	90.31	16.71
		For Work In Restricted Working Space, Add	*12.53*	
23 07 19 00-0084	LF	18" Diameter Pipe, 3" Thick Calcium Silicate Insulation	97.15	17.54
		For Work In Restricted Working Space, Add	*13.15*	
23 07 19 00-0085	LF	20" Diameter Pipe, 3" Thick Calcium Silicate Insulation	113.55	20.06
		For Work In Restricted Working Space, Add	*15.04*	
23 07 19 00-0086	LF	24" Diameter Pipe, 3" Thick Calcium Silicate Insulation	134.54	24.22
		For Work In Restricted Working Space, Add	*18.17*	

23 07 19 00-0087 3-1/2" Thick, Calcium Silicate Pipe Insulation *(23 07 19 00-0001)*

23 07 19 00-0088	LF	1/2" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation	32.86	5.99
		For Work In Restricted Working Space, Add	*4.49*	
23 07 19 00-0089	LF	3/4" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation	33.99	5.99
		For Work In Restricted Working Space, Add	*4.49*	
23 07 19 00-0090	LF	1" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation	34.08	6.03
		For Work In Restricted Working Space, Add	*4.52*	
23 07 19 00-0091	LF	1-1/4" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation	34.19	6.07
		For Work In Restricted Working Space, Add	*4.55*	
23 07 19 00-0092	LF	1-1/2" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation	35.21	6.14
		For Work In Restricted Working Space, Add	*4.61*	
23 07 19 00-0093	LF	2" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation	37.28	6.35
		For Work In Restricted Working Space, Add	*4.76*	
23 07 19 00-0094	LF	2-1/2" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation	40.33	6.58
		For Work In Restricted Working Space, Add	*4.93*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 07 19 00-0095	LF	3" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation	41.77	6.81
		For Work In Restricted Working Space, Add	*5.11*	
23 07 19 00-0096	LF	4" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation	47.32	7.20
		For Work In Restricted Working Space, Add	*5.40*	
23 07 19 00-0097	LF	6" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation	52.86	8.18
		For Work In Restricted Working Space, Add	*6.13*	
23 07 19 00-0098	LF	8" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation	63.98	9.10
		For Work In Restricted Working Space, Add	*6.83*	
23 07 19 00-0099	LF	10" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation	77.50	10.50
		For Work In Restricted Working Space, Add	*7.88*	
23 07 19 00-0100	LF	12" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation	93.97	13.06
		For Work In Restricted Working Space, Add	*9.80*	
23 07 19 00-0101	LF	14" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation	99.24	14.26
		For Work In Restricted Working Space, Add	*10.70*	
23 07 19 00-0102	LF	16" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation	116.45	18.23
		For Work In Restricted Working Space, Add	*13.67*	
23 07 19 00-0103	LF	18" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation	132.94	19.13
		For Work In Restricted Working Space, Add	*14.35*	
23 07 19 00-0104	LF	20" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation	144.02	21.88
		For Work In Restricted Working Space, Add	*16.41*	

23 07 19 00-0105 4" Thick, Calcium Silicate Pipe Insulation *(23 07 19 00-0001)*

23 07 19 00-0106	LF	1/2" Diameter Pipe, 4" Thick Calcium Silicate Insulation	40.65	6.66
		For Work In Restricted Working Space, Add	*4.99*	
23 07 19 00-0107	LF	3/4" Diameter Pipe, 4" Thick Calcium Silicate Insulation	40.69	6.66
		For Work In Restricted Working Space, Add	*4.99*	
23 07 19 00-0108	LF	1" Diameter Pipe, 4" Thick Calcium Silicate Insulation	40.98	6.77
		For Work In Restricted Working Space, Add	*5.08*	
23 07 19 00-0109	LF	1-1/4" Diameter Pipe, 4" Thick Calcium Silicate Insulation	42.05	6.85
		For Work In Restricted Working Space, Add	*5.14*	
23 07 19 00-0110	LF	1-1/2" Diameter Pipe, 4" Thick Calcium Silicate Insulation	44.45	7.07
		For Work In Restricted Working Space, Add	*5.30*	
23 07 19 00-0111	LF	2" Diameter Pipe, 4" Thick Calcium Silicate Insulation	45.41	7.28
		For Work In Restricted Working Space, Add	*5.46*	
23 07 19 00-0112	LF	2-1/2" Diameter Pipe, 4" Thick Calcium Silicate Insulation	49.33	7.40
		For Work In Restricted Working Space, Add	*5.55*	
23 07 19 00-0113	LF	3" Diameter Pipe, 4" Thick Calcium Silicate Insulation	50.79	7.66
		For Work In Restricted Working Space, Add	*5.75*	
23 07 19 00-0114	LF	4" Diameter Pipe, 4" Thick Calcium Silicate Insulation	57.36	8.10
		For Work In Restricted Working Space, Add	*6.07*	
23 07 19 00-0115	LF	6" Diameter Pipe, 4" Thick Calcium Silicate Insulation	66.28	9.18
		For Work In Restricted Working Space, Add	*6.89*	
23 07 19 00-0116	LF	8" Diameter Pipe, 4" Thick Calcium Silicate Insulation	78.66	10.24
		For Work In Restricted Working Space, Add	*7.68*	
23 07 19 00-0117	LF	10" Diameter Pipe, 4" Thick Calcium Silicate Insulation	90.58	11.83
		For Work In Restricted Working Space, Add	*8.87*	
23 07 19 00-0118	LF	12" Diameter Pipe, 4" Thick Calcium Silicate Insulation	103.72	14.69
		For Work In Restricted Working Space, Add	*11.02*	
23 07 19 00-0119	LF	14" Diameter Pipe, 4" Thick Calcium Silicate Insulation	110.51	16.05
		For Work In Restricted Working Space, Add	*12.04*	
23 07 19 00-0120	LF	16" Diameter Pipe, 4" Thick Calcium Silicate Insulation	131.54	20.52
		For Work In Restricted Working Space, Add	*15.39*	
23 07 19 00-0121	LF	18" Diameter Pipe, 4" Thick Calcium Silicate Insulation	139.75	21.51
		For Work In Restricted Working Space, Add	*16.13*	
23 07 19 00-0122	LF	20" Diameter Pipe, 4" Thick Calcium Silicate Insulation	155.04	24.61
		For Work In Restricted Working Space, Add	*18.46*	

23 07 19 00-0123 Weather-Protective Coating For Calcium Silicate Pipe Insulation *(23 07 19 00-0001)*

23 07 19 00-0124	SF	1/4" Thick (Two 1/8" Coats), Weatherproof Coating Over Glass Cloth Mesh (Insulkote ET)	5.89	
		For Work In Restricted Working Space, Add	*1.06*	

23 08 Commissioning of HVAC *(23)*

See CSI section 23 05 93 00-0000 for testing and balancing.

23 09 Instrumentation and Control for HVAC *(23)*

23 09 23 Direct-Digital Control System for HVAC *(23 09)*

23 09 23 00-0001 Boiler Control *(23 09 23)*

23 09 23 00-0002	EA	Boiler Controller, Heat-Timer Model MPC	6,719.12	
23 09 23 00-0003	EA	Boiler Controller, Heat-Timer Model MOD-4	7,790.68	

23 09 23 11 Control Valves *(23 09 23)*

23 09 23 11-0001 Valves With Actuator *(23 09 23 11)*

23 09 23 11-0002	EA	1/2" 2-Way Bronze Globe Valve With Actuator (Belimo G215+NV24-MFT US)	818.07	14.87
23 09 23 11-0003	EA	3/4" 2-Way Bronze Globe Valve With Actuator (Belimo G220+NV24-MFT US)	843.81	20.05
23 09 23 11-0004	EA	1" 2-Way Bronze Globe Valve With Actuator (Belimo B225+NV24-MFT US)	922.42	24.27

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 11-0005	EA	1-1/4" 2-Way Bronze Globe Valve With Actuator (Belimo B232+NV24-MFT US)	1,004.54	30.73
23 09 23 11-0006	EA	1-1/2" 2-Way Bronze Globe Valve With Actuator (Belimo G240+NV24-MFT US)	1,144.05	35.46
23 09 23 11-0007	EA	2" 2-Way Bronze Globe Valve With Actuator (Belimo G250+NV24-MFT US)	1,292.11	41.90
23 09 23 11-0008	EA	2-1/2" 2-Way Bronze Globe Valve With Actuator (Belimo G665+GMX24-MFTX1)	2,413.95	83.81
23 09 23 11-0009	EA	3" 2-Way Bronze Globe Valve With Actuator (Belimo G680+GMX24-MFTX1)	2,613.47	98.08
23 09 23 11-0010	EA	4" 2-Way Bronze Globe Valve With Actuator (Belimo G6100C+GMX24-MFTX1)	3,522.08	144.06
23 09 23 11-0011	EA	5" 2-Way Bronze Globe Valve With Actuator (Belimo G6125C+GMX24-MFTX1)	5,182.51	208.19
23 09 23 11-0012	EA	6" 2-Way Bronze Globe Valve With Actuator (Belimo G6150C+GMX24-MFTX1)	5,740.45	230.49
23 09 23 11-0013	EA	1/2" 3-Way Bronze Globe Valve With Actuator (Belimo G315+NV24-MFT US)	877.11	22.30
23 09 23 11-0014	EA	3/4" 3-Way Bronze Globe Valve With Actuator (Belimo G320+NV24-MFT US)	900.76	30.07
23 09 23 11-0015	EA	1" 3-Way Bronze Globe Valve With Actuator (Belimo G325+NV24-MFT US)	974.02	36.39
23 09 23 11-0016	EA	1-1/4" 3-Way Bronze Globe Valve With Actuator (Belimo G332+NV24-MFT US)	1,077.03	46.10
23 09 23 11-0017	EA	1-1/2" 3-Way Bronze Globe Valve With Actuator (Belimo G340+NV24-MFT US)	1,386.26	53.19
23 09 23 11-0018	EA	2" 3-Way Bronze Globe Valve With Actuator (Belimo G350+NV24-MFT US)	1,535.96	62.86
23 09 23 11-0019	EA	2-1/2" 3-Way Bronze Globe Valve With Actuator (Belimo G765+GMX24-MFTX1)	2,705.98	125.73
23 09 23 11-0020	EA	3" 3-Way Bronze Globe Valve With Actuator (Belimo G780+GMX24-MFTX1)	2,970.13	147.12
23 09 23 11-0021	EA	4" 3-Way Bronze Globe Valve With Actuator (Belimo G7100+2*GMX24-MFTX1)	4,321.24	216.08
23 09 23 11-0022	EA	5" 3-Way Bronze Globe Valve With Actuator (Belimo G7125+2*GMX24-MFTX1)	6,268.36	312.27
23 09 23 11-0023	EA	6" 3-Way Bronze Globe Valve With Actuator (Belimo G7150+2*GMX24-MFTX1)	6,969.08	345.74
23 09 23 11-0024	EA	1/2" Two Way Brass Zone Valve With Actuator (Belimo ZONE215N-35+ZONE24NC)	139.69	14.87
23 09 23 11-0025	EA	3/4" Two Way Brass Zone Valve With Actuator (Belimo ZONE220N-50+ZONE24NC)	164.13	20.05
23 09 23 11-0026	EA	1" Two Way Brass Zone Valve With Actuator (Belimo ZONE225N-80+ZONE24NC)	207.03	24.27
23 09 23 11-0027	EA	1/2" Two Way Brass Zone Valve With Actuator (Belimo ZONE315N-35+ZONE24NC)	169.80	22.30
23 09 23 11-0028	EA	3/4" Two Way Brass Zone Valve With Actuator (Belimo ZONE320N-50+ZONE24NC)	197.42	30.07
23 09 23 11-0029	EA	1" Two Way Brass Zone Valve With Actuator (Belimo ZONE325N-80+ZONE24NC)	247.21	36.39
23 09 23 11-0030	EA	1/2" 2-Way Brass Ball Valve With Actuator (Belimo B215B+LRB24-3)	235.05	14.87
23 09 23 11-0031	EA	3/4" 2-Way Brass Ball Valve With Actuator (Belimo B220B+LRB24-3)	278.02	20.05
23 09 23 11-0032	EA	1" 2-Way Brass Ball Valve With Actuator (Belimo B225+LRB24-3)	315.87	24.27
23 09 23 11-0033	EA	1-1/4" 2-Way Brass Ball Valve With Actuator (Belimo B232+ARB24-3)	411.19	30.73
23 09 23 11-0034	EA	1-1/2" 2-Way Brass Ball Valve With Actuator (Belimo B240+ARB24-3)	424.37	35.46
23 09 23 11-0035	EA	2" 2-Way Brass Ball Valve With Actuator (Belimo B250+ARB24-3)	541.48	41.90
23 09 23 11-0036	EA	2-1/2" 2-Way Brass Ball Valve With Actuator (Belimo B265+ARB24-3)	1,164.85	83.81
23 09 23 11-0037	EA	3" 2-Way Brass Ball Valve With Actuator (Belimo B280+ARB24-3)	1,367.72	98.08
23 09 23 11-0038	EA	1/2" 3-Way Brass Ball Valve With Actuator (Belimo B315B+LRB24-3)	283.69	22.30
23 09 23 11-0039	EA	3/4" 3-Way Brass Ball Valve With Actuator (Belimo B320B+LRB24-3)	326.96	30.07
23 09 23 11-0040	EA	1" 3-Way Brass Ball Valve With Actuator (Belimo B325+LRB24-3)	422.61	36.39
23 09 23 11-0041	EA	1-1/4" 3-Way Brass Ball Valve With Actuator (Belimo B331+ARB24-3)	601.09	46.10
23 09 23 11-0042	EA	1-1/2" 3-Way Brass Ball Valve With Actuator (Belimo B341+ARB24-3)	632.46	53.19
23 09 23 11-0043	EA	2" 3-Way Brass Ball Valve With Actuator (Belimo B352+ARB24-3)	840.20	62.86
23 09 23 11-0044	EA	2" 2-Way Butterfly Valve With Actuator (Belimo F650HD+AMB24-3X1)	679.29	76.83
23 09 23 11-0045	EA	2-1/2" 2-Way Butterfly Valve With Actuator (Belimo F665HD+AMB24-3X1)	712.45	83.81
23 09 23 11-0046	EA	3" 2-Way Butterfly Valve With Actuator (Belimo F680HD+GMB24-3X1)	939.87	98.08
23 09 23 11-0047	EA	4" 2-Way Butterfly Valve With Actuator (Belimo F6100HD+2*GMB24-3X1)	1,431.07	164.64
23 09 23 11-0048	EA	5" 2-Way Butterfly Valve With Actuator (Belimo F6125HD+SY2-24)	2,914.23	208.19
23 09 23 11-0049	EA	6" 2-Way Butterfly Valve With Actuator (Belimo F6150HD+SY3-24)	3,071.66	230.49
23 09 23 11-0050	EA	8" 2-Way Butterfly Valve With Actuator (Belimo F6200HD+SY4-24)	4,191.87	263.42
23 09 23 11-0051	EA	10" 2-Way Butterfly Valve With Actuator (Belimo F6250HD+SY4-24)	5,143.19	322.69
23 09 23 11-0052	EA	12" 2-Way Butterfly Valve With Actuator (Belimo F6300HS+SY4-24)	6,358.35	391.13
23 09 23 11-0053	EA	14" 2-Way Butterfly Valve With Actuator (Belimo F6350HD+SY5-24)	7,058.39	460.97
23 09 23 11-0054	EA	16" 2-Way Butterfly Valve With Actuator (Belimo F6400HD+SY6-110)	9,362.67	507.07
23 09 23 11-0055	EA	18" 2-Way Butterfly Valve With Actuator (Belimo F6450HD+SY8-110)	11,361.36	563.31
23 09 23 11-0056	EA	2" 3-Way Butterfly Valve With Actuator (Belimo F750HD+AMB24-3X1)	1,262.55	115.24
23 09 23 11-0057	EA	2-1/2" 3-Way Butterfly Valve With Actuator (Belimo F765HD+GMB24-3X1)	1,490.03	125.73
23 09 23 11-0058	EA	3" 3-Way Butterfly Valve With Actuator (Belimo F780HD+2*GMB24-3X1)	1,841.72	147.12
23 09 23 11-0059	EA	4" 3-Way Butterfly Valve With Actuator (Belimo F7100HD+2*GMB24-3X1)	2,346.51	246.95
23 09 23 11-0060	EA	5" 3-Way Butterfly Valve With Actuator (Belimo F7125HD+SY3-24)	4,859.91	312.27
23 09 23 11-0061	EA	6" 3-Way Butterfly Valve With Actuator (Belimo F7150HD+SY3-24)	5,025.45	345.74
23 09 23 11-0062	EA	8" 3-Way Butterfly Valve With Actuator (Belimo F7200HD+SY4-24)	6,346.56	395.16
23 09 23 11-0063	EA	10" 3-Way Butterfly Valve With Actuator (Belimo F7250HD+SY4-24)	8,411.82	484.02
23 09 23 11-0064	EA	12" 3-Way Butterfly Valve With Actuator (Belimo F7300HD+SY5-24)	10,224.99	586.70
23 09 23 11-0065	EA	14" 3-Way Butterfly Valve With Actuator (Belimo F7350HD+SY6-110)	16,019.59	691.46
23 09 23 11-0066	EA	16" 3-Way Butterfly Valve With Actuator (Belimo F7400HD+SY7-110)	17,865.61	760.61
23 09 23 11-0067	EA	18" 3-Way Butterfly Valve With Actuator (Belimo F7450HD+SY8-110)	27,588.80	844.97

23 09 23 11-0068 Valve Actuators *(23 09 23 11)*

23 09 23 11-0069	EA	24 Volt AC/DC Power Supply, On/Off/Floating Point Control Input, Terminal Strip, 90 Seconds Run Time, 45 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo LRX24-3-T)	459.33	95.21
23 09 23 11-0070	EA	24 Volt AC/DC Power Supply, On/Off/Floating Point Control Input, 95 Seconds Run Time, 45 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo LRX24-3)	466.81	95.21
23 09 23 11-0071	EA	24 Volt AC/DC Power Supply, 2-10 Volt DC Control Input, Terminal Strip, 90 Seconds Run Time, 45 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo LRX24-SR-T)	576.09	95.21
23 09 23 11-0072	EA	24 Volt AC/DC Power Supply, On/Off/Floating Point Control Input, Auxiliary Switch, 90 Seconds Run Time, 45 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo LRX24-3-S)	528.92	95.21
23 09 23 11-0073	EA	24 Volt AC/DC Power Supply, 2-10 Volt DC Control Input, 90 Seconds Run Time, 45 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo LRX24-SR)	539.83	95.21
23 09 23 11-0074	EA	24 Volt AC/DC Power Supply, Proportional/Multi-Function Control Input, 150 Seconds Run Time, 45 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo LRX24-MFT)	611.49	95.21
23 09 23 11-0075	EA	24 Volt AC/DC Power Supply, On/Off Control Input, 2.5 Seconds Run Time, 35 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo LRQX24-1)	735.53	95.21
23 09 23 11-0076	EA	24 Volt AC/DC Power Supply, 0-135 Ohms Control Input, 150 Seconds Run Time, 45 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo LRX24-MFT95)	751.80	95.21

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 11-0077	EA	24 Volt AC/DC Power Supply, Proportional/Multi-Function Control Input, 2.5 Seconds Run Time, 35 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo LRQX24-MFT)	791.01	95.21
23 09 23 11-0078	EA	120 Volt AC Power Supply, On/Off/Floating Point Control Input, 90 Seconds Run Time, 45 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo LRX120-3)	559.47	95.21
23 09 23 11-0079	EA	120 Volt AC Power Supply, 2-10 Volt DC Control Input, 90 Seconds Run Time, 45 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo LRX120-SR)	641.76	95.21
23 09 23 11-0080	EA	24 Volt AC/DC Power Supply, On/Off/Floating Point Control Input, Terminal Strip, 300, 150, Or 90 Seconds Run Time, 180 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX24-3-T)	575.99	95.21
23 09 23 11-0081	EA	24 Volt AC/DC Power Supply, On/Off/Floating Point Control Input, 300, 150, Or 90 Seconds Run Time, 180 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX24-3)	586.93	95.21
23 09 23 11-0082	EA	24 Volt AC/DC Power Supply, On/Off/Floating Point Control Input, 90 Seconds Run Time, 180 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARB24-3-5-14)	591.02	95.21
23 09 23 11-0083	EA	24 Volt AC/DC Power Supply, On/Off/Floating Point Control Input, Auxiliary Switch, 300, 150, Or 90 Seconds Run Time, 180 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX24-3-S)	665.39	95.21
23 09 23 11-0084	EA	24 Volt AC/DC Power Supply, 2-10 Volt DC Control Input, 300, 150, Or 90 Seconds Run Time, 180 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX24-SR-T)	697.46	95.21
23 09 23 11-0085	EA	24 Volt AC/DC Power Supply, 2-10 Volt DC Control Input, 300, 150, Or 90 Seconds Run Time, 180 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX24-SR)	714.51	95.21
23 09 23 11-0086	EA	24 Volt AC/DC Power Supply, Proportional/Multi-Function Control Input, Variable Run Time (90 To 350 Seconds), 180 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX24-MFT)	711.12	95.21
23 09 23 11-0087	EA	24 Volt AC/DC Power Supply, Phasecut Control Input, 95 Seconds Run Time, 180 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX24-PC)	722.03	95.21
23 09 23 11-0088	EA	24 Volt AC/DC Power Supply, 0-135 Ohms Control Input, 90 Seconds Run Time, 180 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX24-MFT95)	721.34	95.21
23 09 23 11-0089	EA	24 Volt AC/DC Power Supply, 2-10 Volt DC Control Input, NEMA 4X, 90 Seconds Run Time, 180 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX24-SR-T N4)	792.11	95.21
23 09 23 11-0090	EA	24 Volt AC/DC Power Supply, Proportional/Multi-Function Control Input, NEMA 4X, Variable Run Time (75 To 350 Seconds), 160 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX24-MFT-T N4)	971.10	95.21
23 09 23 11-0091	EA	100-240 Volt AC Power Supply, On/Off/Floating Point Control Input, 300, 150, Or 90 Seconds Run Time, 180 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX120-3)	628.53	95.21
23 09 23 11-0092	EA	100-240 Volt AC Power Supply, 2-10 Volt DC Control Input, 300, 150, Or 90 Seconds Run Time, 180 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX120-SR)	759.57	95.21
23 09 23 11-0093	EA	24 Volt AC/DC Power Supply, On/Off Control Input, 15 Seconds Run Time, 801 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo SY2-24)	1,787.21	95.21
23 09 23 11-0094	EA	24 Volt AC/DC Power Supply, On/Off Control Input, 22 Seconds Run Time, 1,335 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo SY3-24)	2,011.02	95.21
23 09 23 11-0095	EA	24 Volt AC/DC Power Supply, On/Off Control Input, 16 Seconds Run Time, 3,560 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo SY4-24)	2,425.22	95.21
23 09 23 11-0096	EA	24 Volt AC/DC Power Supply, On/Off Control Input, 22 Seconds Run Time, 4,450 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo SY5-24)	2,754.80	95.21
23 09 23 11-0097	EA	120 Volt AC Power Supply, On/Off Control Input, 28 Seconds Run Time, 5,785 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo SY6-110)	3,271.36	95.21
23 09 23 11-0098	EA	120 Volt AC Power Supply, On/Off Control Input, 46 Seconds Run Time, 8,900 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo SY7-110)	3,863.67	95.21
23 09 23 11-0099	EA	120 Volt AC Power Supply, On/Off Control Input, 46 Seconds Run Time, 13,350 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo SY8-110)	5,225.68	95.21
23 09 23 11-0100	EA	120 Volt AC Power Supply, On/Off Control Input, 58 Seconds Run Time, 17,800 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo SY9-110)	6,391.84	95.21

23 09 23 12 Control Dampers *(23 09 23)*

23 09 23 12-0001 Rectangular Galvanized Volume Control Dampers *(23 09 23 12)*

Note: Excludes actuators.

23 09 23 12-0002	EA	8" x 8" Low Leakage Volume Control Damper (Johnson Controls VOPSN-008X008)	207.36	36.14
23 09 23 12-0003	EA	10" x 10" Low Leakage Volume Control Damper (Johnson Controls VOPSN-010X010)	234.07	39.64
23 09 23 12-0004	EA	12" x 12" Low Leakage Volume Control Damper (Johnson Controls VOPSN-012X012)	261.92	43.72
23 09 23 12-0005	EA	14" x 14" Low Leakage Volume Control Damper (Johnson Controls VOPSN-014X014)	302.60	51.29
23 09 23 12-0006	EA	16" x 16" Low Leakage Volume Control Damper (Johnson Controls VOPSN-016X016)	342.11	58.29
23 09 23 12-0007	EA	18" x 18" Low Leakage Volume Control Damper (Johnson Controls VOPSN-018X018)	343.92	65.58
23 09 23 12-0008	EA	20" x 20" Low Leakage Volume Control Damper (Johnson Controls VOPSN-020X020)	424.48	72.86
23 09 23 12-0009	EA	24" x 24" Low Leakage Volume Control Damper (Johnson Controls VOPSN-024X024)	506.80	87.43
23 09 23 12-0010	EA	32" x 32" Low Leakage Volume Control Damper (Johnson Controls VOPSN-032X032)	654.05	102.00
23 09 23 12-0011	EA	48" x 48" Low Leakage Volume Control Damper (Johnson Controls VOPSN-048X048)	982.13	116.57
23 09 23 12-0012	EA	60" x 60" Low Leakage Volume Control Damper (Johnson Controls VOPSN-060X060)	1,827.29	131.15
23 09 23 12-0013	EA	72" x 72" Low Leakage Volume Control Damper (Johnson Controls VOPSN-072X072)	2,327.75	145.72

23 09 23 12-0014 Round Galvanized Control Dampers *(23 09 23 12)*

Note: Excludes actuators.

23 09 23 12-0015	EA	6" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG06)	199.69	40.80
23 09 23 12-0016	EA	8" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG08)	205.63	43.72
23 09 23 12-0017	EA	10" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG10)	215.09	43.72
23 09 23 12-0018	EA	12" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG12)	238.46	49.55
23 09 23 12-0019	EA	14" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG14)	273.56	49.55
23 09 23 12-0020	EA	16" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG16)	295.30	58.29
23 09 23 12-0021	EA	18" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG18)	397.27	61.35
23 09 23 12-0022	EA	20" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG20)	415.56	63.59
23 09 23 12-0023	EA	22" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG22)	440.56	68.56
23 09 23 12-0024	EA	24" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG24)	466.10	73.52

23 09 23 12-0025 Control Damper Actuators *(23 09 23 12)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 12-0026	EA	44 IN-LB, 24 Volt AC, 4-20mA, 2-10 Volt DC, Proportional Control, Non-Spring Return Direct Coupled Control Damper Actuator (Belimo LMB24-SR)	523.72	96.31
23 09 23 12-0027	EA	90 IN-LB, 24 Volt AC/DC, 4-20mA, 2-10 Volt DC, Proportional Control, Non-Spring Return Direct Coupled Control Damper Actuator (Belimo NMB24-SR)	570.79	96.31
23 09 23 12-0028	EA	90 IN-LB, 2 Position, 24 To 240 Volt AC Spring Return Direct Coupled Control Damper Actuator (Belimo NFBUP)	647.90	96.31
23 09 23 12-0029	EA	175 IN-LB, 24 Volt AC, 4-20mA, 2-10 Volt DC, Proportional Control, Non-Spring Return Direct Coupled Control Damper Actuator (Belimo AMB24-SR)	684.75	96.31
23 09 23 12-0030	EA	90 IN-LB, 24 Volt AC, 4-20mA, 2-10 Volt DC, Proportional Control, Spring Return Direct Coupled Control Damper Actuator (Belimo NFB24-SR)	706.61	96.31
23 09 23 12-0031	EA	360 IN-LB, 24 Volt AC, 4-20mA, 2-10 Volt DC, Proportional Control, Non-Spring Return Direct Coupled Control Damper Actuator (Belimo GMB24-SR)	792.58	96.31

23 09 23 12-0032 Remote Damper Control *(23 09 23 12)*

23 09 23 12-0033	EA	Remote Cable Control Concealed Ceiling Regulator For Damper (Young Regulator Co. 270-275B)	279.22	
		For Each 10' Flexible Casing And Wire, Add	*41.36*	
23 09 23 12-0034	EA	Remote Cable Control Concealed Ceiling Regulator For Damper (Young Regulator Co. 270-301B)	287.69	
		For Each 10' Flexible Casing And Wire, Add	*41.36*	

23 09 23 13 Energy Meters *(23 09 23)*

23 09 23 13-0001 Surge Protectors *(23 09 23 13)*

23 09 23 13-0002	EA	Surge Protector, T100's, Summit, BCU, UPCM, PCM, TCM (Transtector TR2255)	353.55	9.29
23 09 23 13-0003	EA	Surge Protector, 1AC Outlet (Transtector TR2251)	266.39	9.29
23 09 23 13-0004	EA	Surge Protector, 2 AC Outlets (Transtector TR2254)	416.36	9.29
23 09 23 13-0005	EA	Surge Protector, DB-15 Connection (Transtector TR2259-DLP15)	223.83	9.29
23 09 23 13-0006	EA	Surge Protector, DB-25 Connection (Transtector TR2259-DLP25)	223.83	9.29
23 09 23 13-0007	EA	Surge Protector, DB-9 Connection (Transtector TR2259-DLP9)	223.83	9.29
23 09 23 13-0008	EA	Surge Protector, Individual Wire Connection (Transtector TR2258)	325.18	9.29
23 09 23 13-0009	EA	Surge Protector, Trane Communication Links (Transtector TR2257)	199.51	9.29

23 09 23 14 Flow Instruments *(23 09 23)*

23 09 23 14-0001 Water Flow Meters *(23 09 23 14)*

23 09 23 14-0002	EA	Insertion Electromagnetic Water Flow Meter (Onicon F-3500) Note: Excludes pipe fittings.	5,300.25	101.72

23 09 23 14-0003 Air Flow Monitoring Stations *(23 09 23 14)*

23 09 23 14-0004	EA	Analog Transmitter, 2 Point, 3 Sensor Air Flow Monitoring Station (Ebtron GTA116) Note: 10' cable, 36" x 24" typical duct size.	4,151.32	111.91
23 09 23 14-0005	EA	Analog Transmitter, 3 Point, 4 Sensor Air Flow Monitoring Station (Ebtron GTA116) Note: 10' cable, 48" x 36" typical duct size.	5,971.34	111.91
23 09 23 14-0006	EA	Analog Transmitter, 4 Point, 4 Sensor Air Flow Monitoring Station (Ebtron GTA116) Note: 10' cable, 60" x 48" typical duct size.	7,437.75	111.91

23 09 23 16 Gas Instruments *(23 09 23)*

23 09 23 16-0001 Gas Sensors *(23 09 23 16)*

23 09 23 16-0002	EA	6-1/4" x 6-1/8" CO2 Sensor, 0-2,000 ppm (Kele WCO-1B)	2,194.98	55.73
23 09 23 16-0003	EA	Wall Mounted CO2 Sensor, 0-2,000 ppm With LCD Display (Kele CD-AW-LCD)	966.66	37.15
23 09 23 16-0004	EA	CO Monitor/Transmitter, 0 To 250 ppm (Kele GMT-CO-S2) Note: Solid state sensor.	1,741.80	55.73
23 09 23 16-0005	EA	CO2 Transmitter, Duct Mount, No Display, 0-10 Volt DC Out, 24 Volt AC/Volt DC, 0-10 Or 4-20mA, 0-2,000 ppm Range With CD-AD Duct Probe Assembly (CDE CD-AD-LCD; CD-AD)	937.26	66.88

23 09 23 19 Moisture Instruments *(23 09 23)*

23 09 23 19-0001 Relative Humidity Sensors *(23 09 23 19)*

23 09 23 19-0002	EA	3% Duct Mounted RH Sensor (Kele HD30K)	577.94	66.88
23 09 23 19-0003	EA	10K Ohm Thermistor 3% Duct Mounted RH Sensor (Kele HD30K-T3)	594.13	66.88
23 09 23 19-0004	EA	3% RH Outdoor Air Sensor (Kele HO30K)	668.74	92.88
23 09 23 19-0005	EA	2% Surface Mounted RH Transmitter (Kele HW20K)	528.37	37.15

23 09 23 21 Motion Instruments *(23 09 23)*

23 09 23 21-0001 Peco Motion Sensors *(23 09 23 21)*

23 09 23 21-0002	EA	Ceiling Mount Passive Infrared, 24 Volt, Slave Motion Sensor (Peco SA200-001)	191.39	26.12
23 09 23 21-0003	EA	Wall/Ceiling Mount Passive Infrared, 24 Volt, Slave Motion Sensor (Peco SB200-001)	187.53	26.12
23 09 23 21-0004	EA	Wall/Ceiling Passive Infrared, 24 Volt, Master Motion Sensor (Peco SD200-001)	252.32	26.12
23 09 23 21-0005	EA	Wall/Ceiling Mount, Passive Infrared, 24 Volt, Master Time Sensor (Peco SD200-002)	223.73	26.12
23 09 23 21-0006	EA	Door Switch Occupancy Sensor (Peco SE200-001)	66.60	26.12
23 09 23 21-0007	EA	Window Switch Occupancy Sensor (Peco SE200-002)	61.28	26.12
23 09 23 21-0008	EA	Power Pack And Controller (Peco SF200-001)	116.07	26.12

23 09 23 23 Pressure Instruments *(23 09 23)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 23-0001		**Pressure Sensors** *(23 09 23 23)*		
23 09 23 23-0002	EA	0 To 0.5" W.C., Differential Pressure Transmitters With NEMA 1 Case (Kele T30-005)	773.24	78.43
23 09 23 23-0003	EA	0 To 5" W.C., Differential Pressure Transmitters With NEMA 1 Case (Kele T30-050)	686.27	78.43
23 09 23 23-0004	EA	0.05 To 12" W.C., Adjustable Differential Pressure Switches (Kele AFS-222)	265.46	78.43
23 09 23 23-0005	EA	0.05 To 2" W.C., Adjustable Differential Pressure Switches (Kele AFS-262)	275.56	78.43
23 09 23 23-0006	EA	0.4 To 2" W.C., Manual Reset Adjustable Differential Pressure Switches (Kele AFS-460)	295.34	78.43
23 09 23 23-0007	EA	0.05 To 12" W.C., 1/8" NPT, Adjustable Differential Pressure Switches (Kele AFS-145)	272.63	78.43
23 09 23 23-0008	EA	0 To 100 psid, Bypass Valve Assembly Option, Water Differential Pressure Transmitter (Kele 360C-P210D-BVA) Note: Excludes pipe fittings.	2,891.41	78.43
23 09 23 23-0009	EA	0 To 60 psid, Bypass Valve Assembly Option, Water Differential Pressure Transmitter (Kele 360C-P160D-BVA) Note: Excludes pipe fittings.	2,891.41	78.43
23 09 23 23-0010	EA	Magnahelic Gauge	735.24	47.95
23 09 23 23-0011		**Room Pressure Monitoring** *(23 09 23 23)*		
23 09 23 23-0012	EA	Hospital Room Pressure Monitor With Digital Interface Monitor, Through Wall Sensor Transformer And Plenum Rated Cable (TSI 8640-PM)	3,431.13	58.29
23 09 23 23-0013	EA	Hospital Room Pressure Controller With Digital Interface Monitor, Through Wall Sensor Transformer And Plenum Rated Cable (TSI 8630-PC) Note: Excludes dampers and actuators.	5,548.11	58.29
23 09 23 23-0014	EA	Hospital Room Pressure Status Remote Visual Display (TSI 8694-4)	430.29	34.97
23 09 23 23-0015	EA	Hospital Room Pressure Status Remote Negative/Neutral Key Switch (TSI 8694-7)	497.85	34.97
23 09 23 27		**Temperature Instruments** *(23 09 23)*		
23 09 23 27-0001		**Air Temperature Sensors** *(23 09 23 27)*		
23 09 23 27-0002	EA	10K Ohm Thermistor Duct Temperature Sensor (Kele ST-D24)	204.99	66.88
23 09 23 27-0003	EA	10K Ohm Thermistor Duct Temperature Sensor, 1/2" LB Conduit Fitting (Kele ST-D24-XCO)	291.96	66.88
23 09 23 27-0004	EA	10K Ohm Thermistor Duct Temperature Sensor With Greenfield Fitting (Kele ST-D24-XG)	214.99	66.88
23 09 23 27-0005	EA	10K Ohm Thermistor Duct Temperature Sensor With Handibox Housing (Kele ST-D24-XH)	225.25	66.88
23 09 23 27-0006	EA	10K Ohm Thermistor Duct Temperature Sensor With Handibox Housing, 18" Probe (Kele ST-D24-XH-XL18)	228.67	66.88
23 09 23 27-0007	EA	10K Ohm Thermistor Duct Temperature Sensor With Handibox Housing, 6" Probe (Kele ST-D24-XH-XL6)	225.29	66.88
23 09 23 27-0008	EA	10K Ohm Thermistor Duct Temperature Sensor With Non-Metallic Handibox Housing (Kele ST-D24-XHP)	227.11	66.88
23 09 23 27-0009	EA	10K Ohm Thermistor Duct Temperature Sensor With 4" Probe (Kele ST-D24-XL4)	244.39	66.88
23 09 23 27-0010	EA	10K Ohm Thermistor Duct Temperature Sensor With Weatherproof Housing (Kele ST-D24-XW)	259.48	66.88
23 09 23 27-0011	EA	10K Ohm Thermistor Outdoor Air Temperature Sensor (Kele ST-O24)	312.15	92.88
23 09 23 27-0012	EA	10K Ohm Thermistor Outdoor Air Temperature Sensor With 25' Lead (Kele ST-O24-XC25)	323.77	92.88
23 09 23 27-0013	EA	Delta Style Surface Mounted 10K Ohm Thermistor Room Temperature Sensor (Kele BA/10K3-R-N-DF)	142.01	37.15
23 09 23 27-0014	EA	Delta Style Surface Mounted AD592 Room Temperature Sensor (Kele BA/592-10K-R)	146.28	37.15
23 09 23 27-0015	EA	Stainless Steel Plate 1K Ohm Room Temperature Sensor (Kele BA/1K8-SP)	135.06	37.15
23 09 23 27-0016		**Water Temperature Sensors** *(23 09 23 27)*		
23 09 23 27-0017	EA	5" Immersion 20K Ohm Water Temp Sensor (Honeywell C7041D2001)	166.17	71.87
23 09 23 27-0018	EA	Strap-On 20K Ohm Water Temp Sensor (Honeywell C7041K2005)	373.30	71.87
23 09 23 27-0019		**Peco Thermostats** *(23 09 23 27)*		
23 09 23 27-0020	EA	3 Heating Stage, 2 Cooling Stage Programmable Thermostat With Humidification/Dehumidification Control (Peco T12532-IAQ)	400.52	17.42
23 09 23 27-0021	EA	3 Heating Stage, 2 Cooling Stage Programmable Thermostat (Peco T12532-001)	356.20	17.42
23 09 23 53		**Proprietary Control Systems** *(23 09 23)*		
23 09 23 53-0001		**EMCS General Costs** *(23 09 23 53)*		
23 09 23 53-0002		**EMCS System Design Services** *(23 09 23 53-0001)* Note: Hourly labor rates for use with Site Inspection, Project Management, Engineering, Design, Programming, Training and Technical Support.		
23 09 23 53-0003	HR	EMCS Site Inspection Of Existing Facilities	287.35	
23 09 23 53-0004	HR	EMCS Engineering Project Management	287.35	
23 09 23 53-0005	HR	EMCS System Engineering, Schematic Design And Layout	304.76	
23 09 23 53-0006	HR	EMCS System Software Programming And Graphics Programming	304.76	
23 09 23 53-0007	HR	EMCS Graphics Picture Creation	195.98	
23 09 23 53-0008	HR	EMCS System Controls Training	287.35	
23 09 23 53-0009	HR	EMCS On Site System Diagnostics Field Technician	287.35	
23 09 23 53-0010	HR	EMCS Remote Technical Support Using Phone Or Internet	239.52	
23 09 23 53-0011	HR	EMCS Travel Time (All Personnel)	248.23	
23 09 23 53-0012		**Field Tests, Checkout And Commissioning** *(23 09 23 53-0001)* Note: A point is defined as any transmitter, switch, actuator, sensor or device (starter, VFD, controller, fan, electric coil, actuator, valve, etc.) that is monitored or controlled by the EMCS system. Most devices count as 1 point. Actuators, valves and thermostats count as 2 points.		
23 09 23 53-0013	PNT	EMCS Field Test Note: Priced per point.	152.44	
23 09 23 53-0014	PNT	EMCS Field Checkout And Startup Note: Priced per point.	152.44	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 53-0015	PNT	EMCS Field Commissioning Note: Priced per point.	152.44	
23 09 23 53-0016	EA	EMCS Field Balance Support Note: Priced per controller.	130.61	
23 09 23 53-0017		**EMCS System Engineering/Submittal Design And Layout** *(23 09 23 53-0001)* Note: A point is defined as any transmitter, switch, actuator, sensor or device (starter, VFD, controller, fan, electric coil, actuator, valve, etc.) that is monitored or controlled by the EMCS system. Most devices count as 1 point. Actuators, valves and thermostats count as 2 points.		
23 09 23 53-0018	PNT	EMCS System Engineering/Submittal Design And Layout Note: Priced per point.	50.85	
23 09 23 53-0019		**Alerton Controls** *(23 09 23 53)*		
23 09 23 53-0020	EA	50 Devices, 1 WEBtalk VM, Alerton Building Suite 3 (Alerton ABS-3-SMALL)	9,645.09	
23 09 23 53-0021	EA	150 Devices, 1 WEBtalk VM, Alerton Building Suite 3 (Alerton ABS-3-MEDIUM)	12,440.59	
23 09 23 53-0022	EA	Dashboard Option, 150 Devices, 1 WEBtalk VM, Alerton Building Suite 3 (Alerton ABS-3-D-MEDIUM)	31,748.92	
23 09 23 53-0023	EA	Unlimited Devices, 1 WEBtalk VM, Alerton Building Suite 3 (Alerton ABS-3-LARGE)	23,773.74	
23 09 23 53-0024	EA	Dashboard Option, Unlimited Devices, 1 WEBtalk VM, Alerton Building Suite 3 (Alerton ABS-3-D-LARGE)	61,550.89	
23 09 23 53-0025	EA	Unlimited Devices, SQL Derver Interface, Unlimited WEBtalk VM, Alerton Building Suite 3 (Alerton ABS-3-ENTERPRISE)	48,504.34	
23 09 23 53-0026	EA	Dashboard Option, Unlimited Devices, SQL Derver Interface, Unlimited WEBtalk VM, Alerton Building Suite 3 (Alerton ABS-3-D-ENTERPRISE)	74,143.26	
23 09 23 53-0027	EA	Alerton Building Suite Tech License (Alerton ABS-3-TECH)	2,040.98	
23 09 23 53-0028	EA	Enterprise Edition With SQL Server Support, Envision for BACtalk v2.6 (Alerton ENV-BT-2.6-ENT1)	28,021.57	
23 09 23 53-0029	EA	Unlimited Controllers, Unlimited Workstation, Envision for BACtalk v2.6 (Alerton ENV-BT-2.6-LRG)	20,453.54	
23 09 23 53-0030	EA	150 Controllers, 3 Workstation, Envision for BACtalk v2.6 (Alerton ENV-BT-2.6-MED)	12,381.84	
23 09 23 53-0031	EA	50 Controllers, 1 Workstation, Envision for BACtalk v2.6 (Alerton ENV-BT-2.6-SM)	7,584.12	
23 09 23 53-0032	EA	10 Controllers, 1 Workstation, Envision for BACtalk v2.6 (Alerton ENV-BT-2.6-XS)	2,908.50	
23 09 23 53-0033	EA	1 Ethernet, 1 MS/TP, BACtalk Control Module (Alerton 715000100)	5,254.89	278.65
23 09 23 53-0034	EA	Foreign Protocol Converter For P1 Systems, BACtalk Control Module (Alerton BCM-FPCS)	7,769.33	371.52
23 09 23 53-0035	EA	Modbus Gateway, BACtalk Control Module (Alerton BCM-MDBS)	7,666.91	371.52
23 09 23 53-0036	EA	V.90/56K Modem, BACtalk Control Module (Alerton BCM-MDM)	2,778.38	278.65
23 09 23 53-0037	EA	1 MS/TP, BACtalk Control Module (Alerton 715000300)	3,378.62	278.65
23 09 23 53-0038	EA	Power Supply, BACtalk Control Module (Alerton BCM-PWS)	2,593.68	278.65
23 09 23 53-0039	EA	1 TUX Trunk, BACtalk Control Module (Alerton BCM-TUX)	3,240.95	278.65
23 09 23 53-0040	EA	Web Server And Configurator CD, BACtalk Control Module (Alerton BCM-WEB)	7,748.18	278.65
23 09 23 53-0041	EA	BACtalk Field Level Gateway For Modbus (Alerton FLG-MODBUS)	3,498.83	371.52
23 09 23 53-0042	EA	EXP BACnet Controller (Alerton VLX)	7,707.03	743.05
23 09 23 53-0043	EA	VLX BACnet High Performance Controller (Alerton VLX-PLATINUM)	9,020.85	743.05
23 09 23 53-0044	EA	Multiple Segment MS/TP Repeater (Alerton MSTP-REP)	1,193.56	82.73
23 09 23 53-0045	EA	4 Inputs, 2 Flow Transducers, 4 Ground-Switching Binary Triac Outputs, Dual-Duct VAV Controller (Alerton VAV-DD)	2,253.70	278.65
23 09 23 53-0046	EA	4 Inputs, 2 Flow Transducers, 3 Binary Triac Outputs, 4 Ground-Switching Binary Triac Outputs, Dual-Duct VAV Controller (Alerton VAV-DD7)	2,392.22	278.65
23 09 23 53-0047	EA	4 Inputs, 1 Flow Transducers, 3 Hot-Switching Binary Triac Outputs, 2 Ground-Switching Binary Triac Outputs, Single-Duct VAV Controller (Alerton VAV-SD)	1,913.71	278.65
23 09 23 53-0048	EA	4 Universal Inputs, 5 Binary Outputs, 2 Analog Outputs, Single-Duct VAV Controller (Alerton VAV-SD2A)	2,106.80	278.65
23 09 23 53-0049	EA	5 Universal Inputs, 6 Binary Outputs, Integral Honeywell Actuator, Single-Duct VAV Controller (Alerton VAViH-SD)	2,098.40	278.65
23 09 23 53-0050	EA	11 Inputs, 8 Binary Triac Outputs, 8 Analog Outputs, BACtalk Field Controller For Central Plant Systems (Alerton VLC-1188)	3,206.53	278.65
23 09 23 53-0051	EA	16 Inputs, BACtalk Field Controller (Alerton VLC-1600)	2,443.43	278.65
23 09 23 53-0052	EA	16 Inputs, 16 Binary Triac Outputs, BACtalk Field Controller (Alerton VLC-16160)	3,679.34	371.52
23 09 23 53-0053	EA	4 Universal Inputs, 4 Binary Outputs, 4 Analog Outputs, Field Controller (Alerton VLC-444)	1,623.08	185.77
23 09 23 53-0054	EA	5 Inputs, 5 Binary Outputs, BACtalk Field Controller (Alerton VLC-550)	1,567.66	185.77
23 09 23 53-0055	EA	6 Inputs, 2 Binary Triac Outputs, 3 Isolated Relay Outputs, BACtalk Field Controller (Alerton VLC-651R)	2,119.38	278.65
23 09 23 53-0056	EA	6 Inputs, 3 Binary Triac Outputs, 3 Isolated Relay Outputs, BACtalk Field Controller (Alerton VLC-660R)	2,119.38	278.65
23 09 23 53-0057	EA	8 Inputs, 5 Binary Triac Outputs, 3 Analog Outputs, BACtalk Field Controller (Alerton VLC-853)	2,566.83	278.65
23 09 23 53-0058	EA	16 Universal Inputs, 8 Binary Outputs, 8 Analog Outputs, Field Controller (Alerton VLCA-1688)	5,149.29	371.52
23 09 23 53-0059	EA	2 Fixed Inputs, 3 Universal Inputs, 6 Binary Outputs, 2 Analog Outputs, VisualLogic Display Controller (Alerton VLD-362)	2,199.13	278.65
23 09 23 53-0060	EA	Wireless Door Contact Sensor (Alerton AL-OC-DS)	151.81	10.45
23 09 23 53-0061	EA	One-Speed BACtalk Microset Wall Sensor (Alerton MS-1010-BT)	249.53	10.45
23 09 23 53-0062	EA	One-Speed BACtalk Microset Wall Sensor With RH Sensor (Alerton MS-1010H-BT)	645.76	10.45
23 09 23 53-0063	EA	Three-Speed BACtalk Microset Wall Sensor (Alerton MS-1030-BT)	645.76	10.45
23 09 23 53-0064	EA	Three-Speed BACtalk Microset Wall Sensor With RH Sensor (Alerton MS-1030H-BT)	501.39	10.45
23 09 23 53-0065	EA	BACnet-Compliant Wall Sensor (Alerton TS-1050-BT)	165.59	10.45
23 09 23 53-0066	EA	Wireless Temperature And Humidity Sensor (Alerton WTS-1000-KIT)	681.87	10.45
23 09 23 53-0067	EA	Wireless Temperature And Humidity Sensor With Temperature Adjustment Knob And Manual Override (Alerton WTS-1050-KIT)	765.83	10.45
23 09 23 53-0068	EA	10 12-Bit Inputs, 12 Binary Triac Outputs Expansion Module (Alerton EXP-10-12-0)	3,198.14	278.65
23 09 23 53-0069	EA	10 12-Bit Inputs, 4 Binary Triac Outputs Expansion Module (Alerton EXP-10-4-8)	3,404.64	278.65
23 09 23 53-0070	EA	22 12-Bit Inputs Expansion Module (Alerton EXP-22-0-0)	3,226.68	278.65
23 09 23 53-0071	EA	50 Devices, Ascent Compass 1 Software, Small License (Alerton Compass-1-SM)	10,463.81	
23 09 23 53-0072	EA	Global Controller Base Unit (Alerton ACM)	5,711.74	278.65
23 09 23 53-0073	EA	External Battery Pack For ACM (Alerton ACM-BATT)	1,240.20	154.99
23 09 23 53-0074	EA	Licenses The ACM For Capacity Of 32 Directly Connected Devices (Alerton ACM032)	1,040.11	
23 09 23 53-0075	EA	Microset 4 Wall Sensor (Alerton MS4-THC)	1,187.30	10.45

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 53-0076		**Automated Logic Controls** *(23 09 23 53)*		
23 09 23 53-0077	EA	0 Digital Outputs, 8 Universal Inputs, 0 Analog Outputs Standalone Control Module (Automated Logic M0100)	3,615.08	278.65
23 09 23 53-0078	EA	0 Digital Outputs, 32 Universal Inputs, 0 Analog Outputs Standalone Control Module (Automated Logic M0320)	8,025.18	835.94
23 09 23 53-0079	EA	2 Digital Outputs, 2 Universal Inputs, 0 Analog Outputs Standalone Control Module (Automated Logic M220nx)	2,469.97	278.65
23 09 23 53-0080	EA	4 Digital Outputs, 10 Universal Inputs, 6 Analog Outputs Standalone Control Module (Automated Logic M4106nx)	5,275.87	371.52
23 09 23 53-0081	EA	8 Digital Outputs, 10 Universal Inputs, 2 Analog Outputs Standalone Control Module (Automated Logic M8102nx)	5,190.41	371.52
23 09 23 53-0082	EA	16 Digital Outputs, 16 Universal Inputs, 0 Analog Outputs Standalone Control Module (Automated Logic M16160)	8,329.87	743.05
23 09 23 53-0083	EA	8 Digital Outputs, 8 Universal Inputs, 0 Analog Outputs Standalone Control Module (Automated Logic M880nx)	4,634.95	371.52
23 09 23 53-0084	EA	0 Digital Outputs, 32 Universal Inputs, 0 Analog Outputs Expander Control Module (Automated Logic MX0320)	4,674.73	278.65
23 09 23 53-0085	EA	16 Digital Outputs, 16 Universal Inputs, 0 Analog Outputs Expander Control Module (Automated Logic MX16160)	7,817.14	743.05
23 09 23 53-0086	EA	No Display, Interior Wall Mounted, Standalone Controller For Heat Pumps, Fan Coil Units And Other Packaged HVAC Equipment (Automated Logic RC642)	1,874.39	185.77
23 09 23 53-0087	EA	With Display, Interior Wall Mounted, Standalone Controller For Heat Pumps, Fan Coil Units And Other Packaged HVAC Equipment (Automated Logic RC642D)	2,007.66	185.77
23 09 23 53-0088	EA	3 Digital Outputs, 4 Universal Inputs, 1 Analog Outputs Controller For Pressure Independent VAV Applications (Automated Logic ZN341+)	2,734.07	185.77
23 09 23 53-0089	EA	1 Digital Outputs, 4 Universal Inputs, 1 Analog Outputs Controller For Pressure Independent VAV Applications (Automated Logic ZN141+)	2,637.93	185.77
23 09 23 53-0090	EA	Air Flow Sensor And Damper Actuator Accessory For ZN341V+ Or ZN141V+ (Automated Logic ZASF)	2,247.78	278.65
23 09 23 53-0091	EA	Unlimited Points, Front End Software For Building Control (Automated Logic WC)	13,981.17	
23 09 23 53-0092	EA	500 Point, Front End Software For Building Control (Automated Logic WC500)	8,768.35	
23 09 23 53-0093	EA	Enterprise Integration Option, Front End Software For Building Control (Automated Logic WC-ENTERPRISE)	11,610.81	
23 09 23 53-0094		**Cypress Envirosystems Controls** *(23 09 23 53)*		
23 09 23 53-0095		**Wireless Pneumatic Thermostat** *(23 09 23 53-0094)*		
		Note: Wireless pneumatic thermostats, hub and repeaters must be installed by installers certified by the manufacturer.		
23 09 23 53-0096	EA	Two-Pipe Direct Acting Wireless Pneumatic Thermostat (Cypress Envirosystems WPT-LoRa-T2DP)	549.15	11.61
		Note: One for every thermostat to be retrofitted.		
		For >50 To 200, Deduct	*-28.38*	
		For >200, Deduct	*-56.71*	
23 09 23 53-0097	EA	Two-Pipe Reverse Acting Wireless Pneumatic Thermostat (Cypress Envirosystems WPT-LoRa-T2RP)	549.15	11.61
		Note: One for every thermostat to be retrofitted.		
		For >50 To 200, Deduct	*-28.38*	
		For >200, Deduct	*-56.71*	
23 09 23 53-0098	EA	Single-Pipe Direct Acting Wireless Pneumatic Thermostat (Cypress Envirosystems WPT-LoRa-T1DP)	549.15	11.61
		Note: One for every thermostat to be retrofitted.		
		For >50 To 200, Deduct	*-28.38*	
		For >200, Deduct	*-56.71*	
23 09 23 53-0099	EA	Single-Pipe Indirect Acting Wireless Pneumatic Thermostat (Cypress Envirosystems WPT-LoRa-T1RP)	549.15	11.61
		Note: One for every thermostat to be retrofitted.		
		For >50 To 200, Deduct	*-28.38*	
		For >200, Deduct	*-56.71*	
23 09 23 53-0100	EA	Two-Pipe Direct Acting Deadband Wireless Pneumatic Thermostat (Cypress Envirosystems WPT-LoRa-T2DP-DB)	625.17	11.61
		Note: One for every thermostat to be retrofitted.		
		For >50 To 200, Deduct	*-32.61*	
		For >200, Deduct	*-65.16*	
23 09 23 53-0101	EA	Two-Pipe Reverse Acting Deadband Wireless Pneumatic Thermostat (Cypress Envirosystems WPT-LoRa-T2RP-DB)	625.17	11.61
		Note: One for every thermostat to be retrofitted.		
		For >50 To 200, Deduct	*-32.61*	
		For >200, Deduct	*-65.16*	
23 09 23 53-0102	EA	Single-Pipe Direct Acting Deadband Wireless Pneumatic Thermostat (Cypress Envirosystems WPT-800-T1DP-DB)	625.17	11.61
		Note: One for every thermostat to be retrofitted.		
		For >50 To 200, Deduct	*-32.61*	
		For >200, Deduct	*-65.16*	
23 09 23 53-0103	EA	Single-Pipe Indirect Acting Deadband Wireless Pneumatic Thermostat (Cypress Envirosystems WPT-LoRa-T1RP-DB)	625.17	11.61
		Note: One for every thermostat to be retrofitted.		
		For >50 To 200, Deduct	*-32.61*	
		For >200, Deduct	*-65.16*	
23 09 23 53-0104	EA	Wireless Pneumatic Thermostat Blank Cover (Cypress Envirosystems WPT-800-MCOV)	44.21	11.61
		Note: Optional cover.		
		For >50 To 200, Deduct	*-1.81*	
		For >200, Deduct	*-3.62*	
23 09 23 53-0105	EA	Green Box Controller (Cypress Envirosystems GBC-830-COM)	4,935.75	11.61
		Note: One unit for up to 100 thermostats.		
		For 2, Deduct	*-248.61*	
		For >2, Deduct	*-496.77*	
23 09 23 53-0106	EA	WPT USB Hub (Cypress Envirosystems WPT-800-HUSB)	478.11	11.61
		Note: One unit for up to 100 thermostats.		
		For 2, Deduct	*-25.94*	
		For >2, Deduct	*-51.83*	
23 09 23 53-0107	EA	WPT Repeater (Cypress Envirosystems WPT-800-RWAL)	828.60	11.61
		Note: One unit for up to 15 thermostats.		
		For >5 To 10, Deduct	*-42.84*	
		For >10, Deduct	*-85.61*	
23 09 23 53-0108	EA	24 Volt, WPT Repeater (Cypress Envirosystems WPT-800-RWAL24V)	1,012.16	11.61
		Note: One unit for up to 15 thermostats.		
		For >5 To 10, Deduct	*-49.82*	
		For >10, Deduct	*-99.55*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 53-0109		**Delta Controls** *(23 09 23 53)*		
23 09 23 53-0110		**Software** *(23 09 23 53-0109)* Note: Excludes programming, set-up and commissioning of application.		
23 09 23 53-0111	EA	Orca Software Unlimited Points License (Delta Controls DOW333-USB)	2,475.02	
23 09 23 53-0112	EA	Orca Graphics Module, Delta Controls Orca View With Graphics Creation Capabilities (Delta Controls DOW333-I-USB)	4,226.04	
23 09 23 53-0113	EA	Orca Historical Module, Delta Controls Historian Package With Unlimited Archiving Trend Logs (Delta Controls DHS330-HL-USB)	9,156.42	
23 09 23 53-0114	EA	Web Server Unlimited Points License, Delta Controls Web Server Front End (Delta Controls DWS330-L-USB)	14,448.80	
23 09 23 53-0115	EA	Web Server Limited Points (Maximum I/O 2500) License, Delta Controls Web Server Front End (Delta Controls DWS330-M-USB)	7,405.40	
23 09 23 53-0116	EA	Web Server Limited Points (Maximum I/O 250) License, Delta Controls Web Server Front End (Delta Controls DWS330-S-USB)	2,475.02	
23 09 23 53-0117	EA	100 User Energy Portal, Data Collection Controller, Web PC Server Program License (Delta Controls EP-2.01)	5,996.72	
23 09 23 53-0118	EA	1,000 User Energy Portal, Data Collection Controller, Web PC Server Program License (Delta Controls EP-2.02)	7,405.40	
23 09 23 53-0119	EA	KW Meter With H8163-2400-4-3 Series, With 3, 2,400 Amperes CT's And BACnet MS/TP Interface (Delta Controls H8186-CB)	2,591.51	116.11
23 09 23 53-0120	EA	Delta Controls Touch Screen (Delta Controls DHMI-7-I)	2,863.80	
23 09 23 53-0121		**EMCS Central Equipment And Controllers** *(23 09 23 53-0109)*		
23 09 23 53-0122	EA	Fully Programmable, Native BACnet Building Controller (Delta Controls DSC-1616E + DFM1616) Note: Includes 32 Universal Inputs/32 Analog Or Binary Outputs HOA's, Twisted-Pair Ethernet Port, BACnet IP, BACnet Over Ethernet, Main LAN RS-485 BACnet MS/TP (Maximum Of 99 Devices), SubLAN (Net2) BACnet MS/TP (Maximum 99 Devices) Or Delta LINKnet At 76,800 BPS, Serial RS-232 BACnet PTP, Real-Time Clock With Lithium Battery And SRAM Backup	8,761.85	464.40
23 09 23 53-0123	EA	Fully Programmable, Native BACnet Building Controller, 16 Universal Inputs/16 Analog Or Binary Outputs HOA'S, Twisted-Pair Ethernet Port, BACnet IP, BACnet Over Ethernet, Main LAN RS-485 BACnet MS/TP (Maximum Of 99 Devices), Sublan (Net2) BACnet MS/TP (Maximum 99 Devices) Or Delta LINKnet At 76,800 BPS (Maximum 12 Devices On LINKnet, With 2 DFM Devices) Serial RS-232 BACnet PTP, Real-Time Clock With Lithium Battery And SRAM Backup (Delta Controls DSC-1616E)	6,507.96	464.40
23 09 23 53-0124	EA	Fully Programmable, Native BACnet Advanced Application Controller That Communicates On A RS-485 LAN Using The BACnet MS/TP Protocol, 11 Universal Inputs, 4 Analog Output Or 6 Binary (Triac) Outputs (Delta Controls DAC-1146)	4,630.89	464.40
23 09 23 53-0125	EA	Fully Programmable, Native BACnet Advanced Application Controller That Communicates On A RS-485 LAN Using The BACnet MS/TP Protocol, 11 Universal Inputs, 8 Analog Or Binary Outputs (Delta Controls DAC-1180)	4,630.89	464.40
23 09 23 53-0126	EA	Fully Programmable, Native BACnet Advanced Application Controller That Communicates On A RS-485 LAN Using The BACnet MS/TP Protocol, 11 Universal Inputs, 4 Analog Output Or 6 Binary (Triac) Outputs (Delta Controls DAC-1146)	4,630.89	464.40
23 09 23 53-0127	EA	Fully Programmable, Native BACnet Advanced Application Controller That Communicates On A RS-485 LAN Using The BACnet MS/TP Protocol, 6 Universal Inputs, 3 Binary (Triac) Outputs And 3 Analog Outputs (Delta Controls DAC-633 R3)	4,287.63	464.40
23 09 23 53-0128	EA	VAV Controllers Are Native BACnet Application Controllers That Are Fully Programmable, Communicate On A RS-485 LAN Using The MS/TP BACnet Protocol, 3 Universal Inputs, 4 Binary Outputs, Actuator Position Feedback, Supports 4 BACstat Network Sensors On LINKnet For Room Sensing And Control Or 2 Delta Field Modules On LINKnet For I/O Expansion (Delta Controls DVC-304AF)	1,552.15	232.20
23 09 23 53-0129	EA	Fully Programmable, Native BACnet Advanced Application Controller That Communicates On A RS-485 LAN Using The BACnet MS/TP Protocol, 4 Binary Triac Outputs (24 Volt AC), 3 Binary Relay Outputs For Fan Speed Control, 240 Volt AC, 1 HP (60 LRA/10 FLA) LED Status Indication Of Each Output (Delta Controls DFC-304R3-240)	1,400.72	232.20
23 09 23 53-0130	EA	Fully Programmable, Native BACnet Advanced Application Controller That Communicates On A RS-485 LAN Using The BACnet MS/TP Protocol, 6 Universal Inputs, 3 Binary (Triac) Outputs And 3 Analog Outputs (Delta Controls DAC-633 R3)	1,501.19	232.20
23 09 23 53-0131	EA	Fully Programmable, Native BACnet Advanced Application Controller That Communicates On A RS-485 LAN Using The BACnet MS/TP Protocol, 4 Binary Triac Outputs (24 Volt AC), 3 Binary Relay Outputs For Fan Speed Control, 240 Volt AC, 1 HP (60 LRA/10 FLA) LED Status Indication Of Each Output (Delta Controls DFC-304R3-240)	1,400.72	232.20
23 09 23 53-0132	EA	Remotely Expandable I/O To Delta's BACnet Controllers, 16 Universal Inputs, 16 Analog Outputs (Delta Controls DFM-1616)	3,414.91	290.25
23 09 23 53-0133	EA	Remotely Expandable I/O To Delta's BACnet Controllers, 4 Universal Inputs, 4 Analog Outputs (Delta Controls DFM-440)	833.65	116.11
23 09 23 53-0134	EA	Remotely Expandable I/O To Delta's BACnet™ Controllers, 4 Universal Inputs, 4 Binary Triac Outputs (Delta Controls DFM-404)	897.50	116.11
23 09 23 53-0135	EA	Remotely Expandable I/O To Delta's BACnet™ Controllers, 16 Universal Inputs (Delta Controls DFM-1600)	1,063.09	116.11
23 09 23 53-0136		**Network, VAV And Special Sensors** *(23 09 23 53-0109)*		
23 09 23 53-0137	EA	BACnet MS/TP VAV Network Room Temperature Sensor With LCD Display (Delta Controls DNS-24)	282.95	37.15
23 09 23 53-0138	EA	BACnet MS/TP VAV Network Temperature And Humidity Sensor With LCD Display (Delta Controls DNS-H24)	386.23	41.80
23 09 23 53-0139	EA	Programmable BACnet MS/TP Thermostat With 8 Button Keypad And LCD Display For DX Unit, Fan Coils And RTU (Delta Controls DAC-T305-G2B)	771.86	17.42
23 09 23 53-0140		**Honeywell Controls** *(23 09 23 53)*		
23 09 23 53-0141		**EMCS Central Equipment And Controllers** *(23 09 23 53-0140)*		
23 09 23 53-0142		**EMCS Network Area Controllers (BACnet Or Lon)** *(23 09 23 53-0141)* Note: Includes loading software, software license, loading data base and mounting on wall.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 53-0143	EA	Network Area Java Controller Supporting 126 Devices (Honeywell WC2003B2004) Note: Includes 128 MB RAM / 32 MB Flash, 10/100 MB ethernet port, 1 minimum RS-232 serial ports, 1 minimum RS-485 electrically isolated ports, 1 LonWorks port (supports 126 devices), and web user interface software.	12,303.08	565.99
23 09 23 53-0144	EA	Network Area Java Controller Supporting 27 Devices (Honeywell WC2003B1022) Note: Includes 128 MB RAM / 32 MB Flash, 10/100 MB ethernet port, 1 RS-232 port, 1 RS-485 port, 1 LonWorks port with driver, Lon tunnel service, BACnet driver, wind river VxWorks OS with Jeode java virtual machine, Niagara control engine and web user interface software (supports 27 device).	8,276.57	565.99
23 09 23 53-0145	EA	Network Area Java Controller Supporting 10 Devices (Honeywell WEB-201) Note: Includes 128 MB RAM / 64 MB Flash, 2 10/100 MB ethernet ports, 1 RS-232 serial port, 1 RS-485 serial port, NDIO port, 2 communication card option slots, BACnet IP Client, and BACnet MS/TP. Supports up to 10 devices.	6,235.35	565.99
23 09 23 53-0146	EA	Network Area Java Controller Supporting 10 Devices (Honeywell WEB-201-EZ) Note: Includes 128 MB RAM / 64 MB Flash, 2 10/100 Mb ethernet ports, 1 RS-232 serial port, 1 RS-485 serial port, NDIO port, 2 communication card option slots, BACnet IP Client, and BACnet MS/TP. Includes WEB user interface and Enterprise connectivity pack.	7,859.69	565.99
23 09 23 53-0147	EA	Niagara Network Area Java Controller Supporting 10 Devices (Honeywell WEB-201-LN) Note: Includes 128 MB RAM / 64 MB Flash, 2 10/100 Mb ethernet ports, factory installed LON card, NDIO port and MODBus TCP driver. Excludes RS232 and RS485 communications. Includes Niagara network ethernet communication between stations.	6,179.43	565.99
23 09 23 53-0148	EA	Web UI Network Area Java Controller Supporting 10 Devices (Honeywell WEB-201-LU) Note: Includes 128 MB RAM / 64 MB Flash, 2 10/100 Mb ethernet ports, factory installed LON card, NDIO port and MODBus TCP driver. Excludes RS232 and RS485.	6,179.43	565.99
23 09 23 53-0149	EA	16 Point BACnet IP Network Area Java Controller (Honeywell WEB-216-B) Note: Includes 16 IO point equipment controller consisting of a controller, one IO-16 module and BACnet IP client communications. Includes 64 MB RAM / 64 MB Flash, 2 10/100 MB ethernet ports, NDIO port and 2 communication card option slots. Excludes RS232 and RS485. The LON card is not an option on this controller.	6,741.21	565.99
23 09 23 53-0150	EA	16 Point Web UI And BACnet IP Network Area Java Controller (Honeywell WEB-216-BU) Note: Includes 16 IO point equipment controller consisting of a controller, one IO-16 module and BACnet IP client communications. Includes 64 MB RAM / 64 MB Flash, 2 10/100 MB ethernet ports, NDIO port and 2 communication card option slots. Excludes RS232 and RS485. The LON card is not an option on this controller.	7,330.95	565.99
23 09 23 53-0151	EA	16 Point Niagara Network Area Java Controller (Honeywell WEB-216-N) Note: Includes 16 IO point equipment controller consisting of a controller, one IO-16 module and BACnet IP client communications. Includes 64 MB RAM / 64 MB Flash, 2 10/100 MB ethernet ports, NDIO port and 2 communication card option slots. Excludes RS232 and RS485. The LON card is not an option on this controller.	6,741.21	565.99
23 09 23 53-0152	EA	16 Point Web UI And Niagara Network Area Java Controller (Honeywell WEB-216-NU) Note: Includes 16 IO point equipment controller consisting of a controller, one IO-16 module and BACnet IP client communications. Includes 64 MB RAM / 64 MB Flash, 2 10/100 MB ethernet ports, NDIO port and 2 communication card option slots. Excludes RS232 and RS485. The LON card is not an option on this controller.	7,330.95	565.99
23 09 23 53-0153	EA	34 Point BACnet IP Network Area Java Controller (Honeywell WEB-234-B) Note: Includes 34 IO point equipment controller consisting of a controller, one IO-16 module and BACnet IP client communications. Includes 64 MB RAM / 64 MB Flash, 2 10/100 MB ethernet ports, NDIO port and 2 communication card option slots. Excludes RS232 and RS485. The LON card is not an option on this controller.	7,336.04	565.99
23 09 23 53-0154	EA	34 Point Web UI and BACnet IP Network Area Java Controller (Honeywell WEB-234-BU.) Note: Includes 34 IO point equipment controller consisting of a controller, one IO-16 module and BACnet IP client communications. Includes 64 MB RAM / 64 MB Flash, 2 10/100 MB ethernet ports, NDIO port and 2 communication card option slots. Excludes RS232 and RS485. The LON card is not an option on this.	7,925.78	565.99
23 09 23 53-0155	EA	34 Point Niagara Network Area Java Controller (Honeywell WEB-216-N) Note: Includes 34 IO point equipment controller consisting of a controller, one IO-16 module and BACnet IP client communications. Includes 64 MB RAM / 64 MB Flash, 2 10/100 MB ethernet ports, NDIO port and 2 communication card option slots. Excludes RS232 and RS485. The LON card is not an option on this controller.	7,336.04	565.99
23 09 23 53-0156	EA	34 Point Web UI and Niagara Network Area Java Controller (Honeywell WEB-216-NU) Note: Includes 34 IO point equipment controller consisting of a controller, one IO-16 module and BACnet IP client communications. Includes 64 MB RAM / 64 MB Flash, 2 10/100 MB ethernet ports, NDIO port and 2 communication card option slots. Excludes RS232 and RS485. The LON card is not an option on this.	7,925.78	565.99
23 09 23 53-0157	EA	Network Area Java Controller Supporting 27 Devices (Controller Only) (Honeywell WEB-403-AX) Note: Includes 128 MB RAM / 32 MB Flash, 10/100 MB ethernet port, 1 RS-485 port, 1 RS-232 port, 1 LonWorks FTT 10 port, 6 universal inputs (analog or contact/pulse input), 4 form C (SPDT) relay outputs. Excludes UI service and Enterprise connectivity service.	7,831.72	565.99
23 09 23 53-0158	EA	Unrestricted Network Area Java Controller Supporting 27 Devices (Controller Only) Note: Unrestricted limit on connected devices. Includes 128 MB RAM / 32 MB Flash, 10/100 MB ethernet port, 1 RS-485 port, 1 RS-232 port, 1 LonWorks FTT 10 port, 6 universal inputs (analog or contact/pulse input), 4 form C (SPDT) relay outputs. Excludes UI service and Enterprise connectivity service. Honeywell WEB-403-EXP-AX. As with other WEBs controllers, capacity is limited by the characteristics of the application including size and complexity.	9,801.77	565.99
23 09 23 53-0159	EA	Easy Pack Network Area Java Controller Supporting 27 Devices (Honeywell WEB-403-EZ) Note: Includes controller plus User Interface Station Pack and Enterprise Connectivity Station Pack bundled as an "easy-order" bundle. Includes 128 MB RAM / 32 MB Flash, 10/100 MB ethernet port, 1 RS-485 port, 1 RS-232 port, 1 LonWorks FTT 10 port, 6 universal inputs (analog or contact/pulse input), 4 form C (SPDT) relay outputs. Excludes UI service and Enterprise connectivity service.	10,409.30	565.99
23 09 23 53-0160	EA	Expanded Easy Pack Network Area Java Controller Supporting 27 Devices (Honeywell WEB-403-EXP-EZ) Note: Unrestricted limit on connected devices. Includes controller plus User Interface Station Pack and Enterprise Connectivity Station Pack bundled as an "easy-order" bundle. Includes 128 MB RAM / 32 MB Flash, 10/100 MB ethernet port, 1 RS-485 port, 1 RS-232 port, 1 LonWorks FTT 10 port, 6 universal inputs (analog or contact/pulse input), 4 form C (SPDT) relay outputs. Excludes UI service and Enterprise connectivity service. As with other WEBs controllers, capacity is limited by the characteristics of the application including size and complexity.	12,379.34	565.99
23 09 23 53-0161	EA	Network Area Java Controller Supporting 124 Devices (Controller Only) (Honeywell WEB-545-AX) Note: Includes 128 MB RAM / 32 MB Flash, 10/100 MB ethernet port, 4 RS-485 port, 2 RS-232 port, 1 LonWorks port. As with other WEBs controllers, capacity is limited by the characteristics of the application. Unit is supplied with a steel, wall mountable enclosure, and 120 volt power supply. Excludes UI service and Enterprise connectivity service.	10,437.26	565.99
23 09 23 53-0162	EA	Easy Pack Network Area Java Controller Supporting 124 Devices (Honeywell WEB-545-EZ) Note: Includes 128 MB RAM / 32 MB Flash, 10/100 MB ethernet port, 4 RS-485 port, 2 RS-232 port, 1 LonWorks port. As with other JACEs, capacity is limited by the characteristics of the application. Unit is supplied with a steel, wall mountable enclosure, and 120 volt power supply. Includes WEB-545-AX plus User Interface Station Pack (UI-SP-5XX) and Enterprise Connectivity Station Pack (EC-SP-5XX) bundled as an "easy-order" bundle.	14,191.78	565.99

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 53-0163		**EMCS Network Interfaces** *(23 09 23 53-0141)* Note: Includes installation, start-up and tech labor.		
23 09 23 53-0164	EA	Serial LonTalk Adapter For LonWorks Bus And A PC (Honeywell Q7760A2001) Note: For desktop computer.	1,801.90	156.74
23 09 23 53-0165	EA	Serial LonTalk Card For LonWorks Bus And A PC (Honeywell Q7752B2009) Note: For laptop computer.	1,528.64	104.49
23 09 23 53-0166	EA	FTT-10 To FTT-10 Router (Honeywell Q7751A2010)	1,945.22	195.98
23 09 23 53-0167	EA	4FTT-10 To TP/FTT-1250 Multi Port Router (Honeywell Q7751J2002)	3,001.42	283.06
23 09 23 53-0168	EA	Two Way Lon Repeater (Honeywell Q7740A1008)	1,529.60	283.06
23 09 23 53-0169	EA	FTT Termination Module For Network Bus (Honeywell 209541B)	107.30	34.83
23 09 23 53-0170		**DDC Application Specific Controller Assemblies** *(23 09 23 53-0141)* Note: Includes submittal generation, installation, field test, checkout and start-up. Includes control enclosure, transformer, terminal strip and ancillary devices. (For example, fan coil unit include valves, actuators with controller and thermostat; VAVs include controller, thermostat and hot water valve if VAV has reheat coil). Excludes graphics and database generation. Excludes discharge air sensor.		
23 09 23 53-0171	EA	Up To 10 Factory Installed Cooling Only Or Electric Reheat VAV Or FPB Controller Assemblies	2,811.47	640.05
23 09 23 53-0172	EA	>10 Factory Installed Cooling Only Or Electric Reheat VAV Or FPB Controller Assemblies	2,376.09	378.82
23 09 23 53-0173	EA	Up To 10 Field Installed Cooling Only Or Electric Reheat VAV Or FPB Controller Assemblies	2,994.33	749.76
23 09 23 53-0174	EA	>10 Field Installed Cooling Only Or Electric Reheat VAV Or FPB Controller Assemblies	2,558.95	488.53
23 09 23 53-0175	EA	Up To 10 Factory Installed Steam Or Hot Water Heating VAV Or FPB Controller Assemblies	3,316.74	783.76
23 09 23 53-0176	EA	>10 Factory Installed Steam Or Hot Water Heating VAV Or FPB Controller Assemblies	2,990.15	587.24
23 09 23 53-0177	EA	Up To 10 Field Installed Steam Or Hot Water Heating VAV Or FPB Controller Assemblies	3,512.64	901.31
23 09 23 53-0178	EA	>10 Field Installed Steam Or Hot Water Heating VAV Or FPB Controller Assemblies	3,159.88	689.76
23 09 23 53-0179	EA	Up To 10 Factory Installed Application Specific Heat Pump Or Gas Heat With DX Cooling Controller Assemblies	2,476.39	639.95
23 09 23 53-0180	EA	>10 Factory Installed Application Specific Heat Pump Or Gas Heat With DX Cooling Controller Assemblies	2,041.01	378.82
23 09 23 53-0181	EA	Up To 10 Field Installed Application Specific Heat Pump Or Gas Heat With DX Cooling Controller Assemblies	2,715.91	783.76
23 09 23 53-0182	EA	>10 Field Installed Application Specific Heat Pump Or Gas Heat With DX Cooling Controller Assemblies	2,280.42	522.46
23 09 23 53-0183	EA	Up To 10 Factory Installed Application Specific Fan Coil Unit Controller Assemblies	3,339.59	650.49
23 09 23 53-0184	EA	>10 Factory Installed Application Specific Fan Coil Unit Controller Assemblies	2,895.51	531.74
23 09 23 53-0185	EA	Up To 10 Field Installed Application Specific Fan Coil Unit Controller Assemblies	3,579.11	901.30
23 09 23 53-0186	EA	>10 Field Installed Application Specific Fan Coil Unit Controller Assemblies	3,134.91	599.08
23 09 23 53-0187	EA	Up To 10 Factory Installed Application Specific Unit Ventilator Controller Assemblies	4,246.92	901.30
23 09 23 53-0188	EA	>10 Factory Installed Application Specific Unit Ventilator Controller Assemblies	3,850.78	575.86
23 09 23 53-0189	EA	Up To 10 Field Installed Application Specific Unit Ventilator Controller Assemblies	4,725.96	901.30
23 09 23 53-0190	EA	>10 Field Installed Application Specific Unit Ventilator Controller Assemblies	4,329.71	674.55
23 09 23 53-0191		**DDC Programmable Controller Assemblies** *(23 09 23 53-0141)* Note: Includes installation, field test, checkout and start-up. Includes control enclosure, transformer and terminal strip only. Excludes ancillary devices. Excludes submittal generation/system engineering and database generation. See CSI section 23 09 23 53-0198 for additional components.		
23 09 23 53-0192	EA	3 AO, 6 UI, 8 DO And 4 DI Small Programmable Controller Assemblies	2,838.64	692.32
23 09 23 53-0193	EA	Oversized Enclosure 3 AO, 6 UI, 8 DO And 4 DI Small Programmable Controller Assemblies	3,320.62	692.32
23 09 23 53-0194	EA	6 AO, 8 AI, 8 DO And 8 DI Medium Programmable Controller Assemblies	4,485.57	814.22
23 09 23 53-0195	EA	Oversized Enclosure 6 AO, 8 AI, 8 DO And 8 DI Medium Programmable Controller Assemblies	4,967.55	814.22
23 09 23 53-0196	EA	10 AO, 16 AI, 16 DO And 16 DI Large Programmable Controller Assemblies	8,269.23	953.55
23 09 23 53-0197	EA	Oversized Enclosure 10 AO, 16 AI, 16 DO And 16 DI Large Programmable Controller Assemblies	8,826.39	953.55
23 09 23 53-0198		**EMCS Optional DDC Controller Hardware** *(23 09 23 53-0141)* Note: Used to expand the capacity of DDC programmable controller assemblies.		
23 09 23 53-0199	EA	6 DO (Repay), 3 AI, 3 DI AHU Controller (Honeywell W7750A2005) Note: For constant volume single zone and heat pump AHUs.	579.57	
23 09 23 53-0200	EA	6 AI, 5 DI, 8 DO (Triac) AHU Controller (Honeywell W7750B2011) Note: For constant volume single zone and heat pump AHUs.	669.81	
23 09 23 53-0201	EA	3 AO, 6 AI, 5 DI, 5 DO (Triac) AHU Controller (Honeywell W7750C2001) Note: For constant volume single zone and heat pump AHUs.	701.59	
23 09 23 53-0202	EA	VAV Controller Compatible Printed Wiring Board (Honeywell W7751B2010)	662.19	
23 09 23 53-0203	EA	VAV Controller With Internally Wired Subbase (Honeywell W7751D2016)	672.36	
23 09 23 53-0204	EA	VAV Controller With Externally Wired Subbase (Honeywell W7751F2011)	657.10	
23 09 23 53-0205	EA	VAV Controller With Premounted ML6161 Actuator (Honeywell W7751H2025)	565.59	
23 09 23 53-0206	EA	VAV Controller With Premounted ML6161 Actuator (Honeywell W7751J2004)	491.88	
23 09 23 53-0207	EA	Fan Coil Unit Controller With Electric Reheat Relay (Honeywell W7752F2002)	720.65	
23 09 23 53-0208	EA	Fan Coil Unit Controller Without Electric Reheat Relay (Honeywell W7752G2000)	644.39	
23 09 23 53-0209	EA	Unit Ventilator Controller With Heating, Cooling, Actuator And Fan Control (Honeywell W7753A2002)	711.76	
23 09 23 53-0210	EA	Building Manager, Monitor And Control HVAC Equipment (Honeywell W7760A2011)	1,511.21	
23 09 23 53-0211	EA	Plant Controller, Monitor And Control HVAC Equipment (Honeywell W7760C2017)	1,879.80	
23 09 23 53-0212	EA	Remote IO Device For Ancillary Point Monitoring And Control (Honeywell W7761A2002)	939.27	
23 09 23 53-0213	EA	Remote IO, UUKL-UL 864 Approved (Honeywell W7761A2010)	925.28	
23 09 23 53-0214	EA	Hydronic Controller Without Wall Module (Honeywell W7762B1027)	453.75	
23 09 23 53-0215	EA	Hydronic Controller With Built-in Wall Module (Honeywell W7763C1016)	516.02	
23 09 23 53-0216	EA	IO Module, 24 Volt AC Without Overrides (Honeywell XFC3A06001)	953.25	
23 09 23 53-0217	EA	IO Module, 24 Volt AC With Overrides (Honeywell XFC3D06001)	1,019.34	
23 09 23 53-0218	EA	AI Module (Honeywell XFL521B)	638.04	
23 09 23 53-0219	EA	AO Module (Honeywell XFL522B)	638.04	
23 09 23 53-0220	EA	DI Module (Honeywell XFL523B)	638.04	
23 09 23 53-0221	EA	DO Module (Honeywell XFL524B)	638.04	
23 09 23 53-0222	EA	Distributed IO, Lonwork Bus Connector Module With Endplate (Honeywell XSL511)	113.12	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 53-0223	EA	Distributed IO, Terminal Block For AI, AO And DI Modules (Honeywell XSL513)	213.53	
23 09 23 53-0224	EA	Distributed IO, Terminal Block For DO Modules (Honeywell XSL514)	209.71	
23 09 23 53-0225	EA	Lon Analog IO Module, 24 Volt AC/DC, 10 Digital Inputs (Honeywell XIO-10DI)	641.85	
23 09 23 53-0226	EA	Lon Hub (Honeywell XIO-HUB)	95.32	
23 09 23 53-0227	EA	Lon Analog IO, 24 Volt AC/DC, 4 Analog Outputs (Honeywell XIO-4AO)	641.85	
23 09 23 53-0228	EA	Lon Digital IO, 24 Volt AC/DC, 4 Digital Inputs (Honeywell XIO-4DI)	591.01	
23 09 23 53-0229	EA	Lon Digital IO, 24 Volt AC/DC, 4 Digital Outputs (Honeywell XIO-4DO)	591.01	
23 09 23 53-0230	EA	Lon Analog IO, 24 Volt AC/DC, 4 Analog Inputs (Honeywell XIO-4NTC)	622.79	
23 09 23 53-0231	EA	Lon Analog IO, 24 Volt AC/DC, 4 Analog PT1000 Inputs (Honeywell XIO-4PT1000)	622.79	
23 09 23 53-0232	EA	Lon Analog IO, 24 Volt AC/DC, 8 Analog Inputs (Honeywell XIO-8AI)	896.05	
23 09 23 53-0233	EA	16 Point IO Module For Network Area Controllers (Honeywell WEB-IO-16) Note: Includes 8 universal inputs, 4 relay outputs, and 4 analog outputs.	1,057.47	
23 09 23 53-0234	EA	34 Point IO Module For Network Area Controllers (Honeywell W7750A2005) Note: Includes 16 universal inputs, 10 relay outputs, and 8 analog outputs.	2,247.12	

23 09 23 53-0235 EMCS Software *(23 09 23 53-0140)*

23 09 23 53-0236 Software Packages And License *(23 09 23 53-0235)*

Note: Includes installation on equipment.

23 09 23 53-0237	EA	On Board Programming Tool For Network Area Controllers (Honeywell WP-AX-WEB) Note: Requires UI services to be installed on NAC.	716.84	
23 09 23 53-0238	EA	Software Upgrade To Provide Unrestricted Connected Device Limit (Honeywell WEB-403-EXUP-AX) Note: Upgrade existing network area controller. As with other WEBs controllers, capacity is limited by the characteristics of the application including size and complexity.	2,697.95	
23 09 23 53-0239	EA	WEBStation-AX Software For Windows (Honeywell WEB-S-AX) Note: Includes Archon database. WEBs controllers must have Enterprise Connectivity Station Pack (EC-SP). Includes one copy of WP-AX (WEBPro-AX).	8,007.27	
23 09 23 53-0240	EA	Small Building WEBStation-AX Based Software (Honeywell WEB-S-AX-SBS) Note: For up to 3 NAC controllers. NAC controllers must have Enterprise Connectivity Station Pack (EC-SP). Includes Archon database.	4,766.23	
23 09 23 53-0241	EA	Upgrade Small Building To Large Building Software Note: Upgrade WEB-S-AX-SBS to WEB-S-AX.	5,367.04	
23 09 23 53-0242	EA	Additional Copy Of WEBPro-AX (Honeywell WEB-S-AX-W) Note: One copy is included with WEB-S-AX and WEBStation-AX.	3,738.28	
23 09 23 53-0243	EA	WEBs Energy Suite (WES) Base Software (Honeywell WES-BASE-AX) Note: Includes license for 10 points of E^2 Profiler and 2 licensed meters of Cost Profiler. Limit of one WES-BASE per WEBStation-AX Supervisor. Additional E^2 Profiler point requirements or Cost Profiler meter requirements may use one or any combination of point/meter bundles. One WES-BASE required per WES project.	6,718.76	
23 09 23 53-0244	EA	Perpetual License One Meter Point Bundle Of A Cost Profiler Meter And Two E^2 Profiler Points (Honeywell WES-CP-AX) Note: Can be combined with the required single instance of VES-BASE as well as with any combination of other EP points and CP meters.	814.99	
23 09 23 53-0245	EA	Perpetual License For One Point Of E^2 Profiler (Honeywell WES-E2-AX) Note: Can be combined with the required single instance of VES-BASE as well as with any number of other EP Points and Cost Profiler meters.	516.30	
23 09 23 53-0246	EA	Perpetual License For An Unlimited Bundle Of E2 Points And CP Meters Note: Sold on a per server basis. Purchase of this product must be accompanied by VES-M1-ENT-AX maintenance. The first year price of maintenance is included with VES-ENT-AX.	36,719.33	
23 09 23 53-0247	EA	Annual Maintenance For Enterprise WEBs-AX Energy Suite (Honeywell WES-M1-ENT-AX) Note: The first year cost of VES-M1-ENT-AX is included with VES-ENT-AX. After the first year VES-M1-ENT-AX maintenance fee will be invoiced annually.	33,481.25	
23 09 23 53-0248	EA	Standard WEBStation-AX Supervisor Bundled With WES-BASE-AX (Honeywell WES-S-AX)	12,768.42	
23 09 23 53-0249	EA	Small WEBStation-AX Supervisor Bundled With WES-BASE-AX (Honeywell WES-S-AX-SBS)	9,527.38	
23 09 23 53-0250	EA	Add 500 Modbus TCP Points To WEBStation With WS-OSD Option (Honeywell WS-MTCP-500)	2,754.25	
23 09 23 53-0251	EA	Add 500 OPC Points To WEBStation With WS-OSD Option (Honeywell WS-OPC-500)	2,754.25	
23 09 23 53-0252	EA	Vykon Oracle Driver For Support Of Oracle Database (Honeywell WS-ORCL) Note: Excludes Oracle.	19,064.92	
23 09 23 53-0253	EA	Open System Driver Option (Honeywell WS-SNMP-500) Note: Adds 25 points each of BACnet IP, OPC (client), Modbus TCP and SNMP to a standard WEBStation. Can be purchase with the WS or added later. Web Supervisor required to purchase this option.	2,541.99	
23 09 23 53-0254	EA	Add 500 SNMP Points To WEBStation With WS-OSD Option (Honeywell WS-SNMP-500)	2,754.25	
23 09 23 53-0255	EA	WEBStation Software WS-1 And First Copy Of WEBPro Software (Honeywell ZW2000A1003) Note: For a single Honeywell WEB NP controller. Excludes software keys for the additional nodes.	7,202.73	
23 09 23 53-0256	EA	WEBStation Additional Node (Honeywell ZW2000B1002)	2,754.25	
23 09 23 53-0257	EA	WEBStation Software And 20 Pack Of Node Software Keys (Honeywell ZW2000C1001)	46,180.33	
23 09 23 53-0258	EA	WEBStation Software And 50 Pack Of Node Software Keys (Honeywell ZW2000D1000)	84,733.42	
23 09 23 53-0259	EA	WEBStation Software And 100 Pack Of Node Software Keys (Honeywell ZW2000E1009)	148,283.17	
23 09 23 53-0260	EA	Master WEBStation Software For Monitoring Multiple WEBStations (Honeywell ZW2000F1008)	7,625.97	
23 09 23 53-0261	EA	Additional Master WEBStation Software Licenses (Honeywell ZW200G1007)	3,812.98	
23 09 23 53-0262	EA	Additional Copies Of Workplace Pro WP-1 (Web Pro) (Honeywell ZW2001A1001)	2,955.34	
23 09 23 53-0263	EA	Upgrade Existing NAC To Provide Unrestricted Connected Device Limit (Honeywell WC2003B1055) Note: As with other WEBs, capacity is limited by the characteristics of the application including size and complexity.	3,269.90	

23 09 23 53-0264 Initial Database Generation *(23 09 23 53-0235)*

23 09 23 53-0265	PNT	Database Generation For Central Plant	77.90	
23 09 23 53-0266	PNT	Database Generation For Programmable Controller Note: For VAV AHU, large CV AHU, or heat exchanger, etc.	77.90	
23 09 23 53-0267	EA	Database Generation For Application Specific Controller Note: Price per each VAV box, fan coil unit, unit ventilator or small CV AHU. Task used for the first piece of each equipment.	77.90	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 53-0268	EA	Replication Of Database Generation For Application Specific Controller Note: Price per copy made.	54.22	
23 09 23 53-0269	EA	Database Generation For Remote IO Modules, Sensors, Etcetera	54.22	
23 09 23 53-0270		**Application Software Programs** *(23 09 23 53-0235)*		
23 09 23 53-0271	EA	Basic Application Program Package Note: One per project. Includes program inputs, command priorities, alarms, trends for analog and digital points, energy totalization, schedules, calendars, special events, occupied and unoccupied setpoints, ventilation and recirculation modes, hot water reset program, chilled water reset program, condenser water reset program, and fail-over logic.	3,250.84	
23 09 23 53-0272	EA	Optimum Start/Stop Program Note: Priced per controller requiring optimum start programming.	108.67	
23 09 23 53-0273	EA	Duty Cycling Program	51.32	
23 09 23 53-0274	EA	Hot Deck/Cold Deck Reset Application Program	5,584.82	
23 09 23 53-0275	EA	Boiler Optimization Program	7,318.55	
23 09 23 53-0276	EA	Chiller Optimization Program	9,913.72	
23 09 23 53-0277	EA	Lighting Control Program	4,783.98	
23 09 23 53-0278	EA	Demand Limiting Program Note: Priced per controller requiring optimum start programming.	95.32	
23 09 23 53-0279	EA	Email Alarm Server Configuration	3,690.64	
23 09 23 53-0280		**Color Graphics Generation** *(23 09 23 53-0235)* Note: Priced per page.		
23 09 23 53-0281	EA	Single Site Home Page Graphics Page With HTML Navigation Code	1,947.96	
23 09 23 53-0282	EA	Multi Site Home Page Graphics Page With HTML Navigation Code	3,458.53	
23 09 23 53-0283	EA	Color Graphics Page For Central Plant	885.04	
23 09 23 53-0284	EA	Color Graphics Page For Building Floor Plan	817.24	
23 09 23 53-0285	EA	Replication Of Color Graphics Page For Central Plant	443.97	
23 09 23 53-0286	EA	Color Graphics Page For Programmable Controller Note: For VAV AHU, large CV AHU, or heat exchanger, etc.	995.69	
23 09 23 53-0287	EA	Replication Of Color Graphics Page For Programmable Controller Note: Priced per copy made.	212.93	
23 09 23 53-0288	EA	Color Graphics Page For Application Specific Controller Note: Price per each VAV box, fan coil unit, unit ventilator or small CV AHU. Task used for the first piece of each equipment.	920.92	
23 09 23 53-0289	EA	Replication Of Color Graphics Page For Application Specific Cont Note: Priced per copy made.	92.07	
23 09 23 53-0290		**Sensors, Actuators And Control Devices** *(23 09 23 53-0140)* Note: Includes installation, startup, checkout and miscellaneous parts for installation. Excludes conduit, wire and cable. Excludes engineering and programming labor. Each device is considered one control point. No engineering or programming time required for replacement parts.		
23 09 23 53-0291		**Special Sensors** *(23 09 23 53-0290)*		
23 09 23 53-0292	EA	Dewpoint Sensor (Honeywell C7232B1014)	2,228.16	71.87
23 09 23 53-0293	EA	Enthalpy Sensor -25 To 125 F	2,326.38	71.87
23 09 23 53-0294	EA	Outdoor Mounted Temperature And Humidity Transmitter (Honeywell H7635C1002)	1,012.17	143.74
23 09 23 53-0295	EA	Freezestat (Honeywell L482A1004)	687.45	239.52
23 09 23 53-0296	EA	Wall Mounted Occupancy Sensor	504.58	71.87
23 09 23 53-0297	EA	Ceiling Mounted Occupancy Sensor	396.31	71.87
23 09 23 53-0298	EA	I/P Positioner With Gauge	467.51	71.87
23 09 23 53-0299	EA	Non-Communicating Duct Mounted Smoke Detector With Sampling Tube	559.15	71.87
23 09 23 53-0300	EA	EP Transducer	467.51	47.95
23 09 23 53-0301	EA	Electric Heat Sequencer	737.31	95.78
23 09 23 53-0302		**Meters** *(23 09 23 53-0290)*		
23 09 23 53-0303	EA	208 - 480 Volt, Up To 2,400 Amperes, KW/KWh Meter/Current Transformer	4,772.56	574.71
23 09 23 53-0304	EA	208 - 480 Volt, Up To 2,400 Amperes, KW/KWh Meter/Current Transformer With LON interface	6,898.79	670.49
23 09 23 53-0305	EA	1 To 300 Amperes, Current Transformer For KW Meter	1,635.45	239.52
23 09 23 53-0306	EA	300 To 800 Amperes, Current Transformer For KW Meter	1,888.50	239.52
23 09 23 53-0307	EA	800 To 2,400 Amperes, Current Transformer For KW Meter	2,373.79	239.52
23 09 23 53-0308		**Direct Coupled Actuators** *(23 09 23 53-0290)*		
23 09 23 53-0309	EA	44 IN-LB, 2 Position, 120 Volt AC Spring Return Direct Coupled Damper Actuator (Honeywell MS4105A1002)	649.25	96.17
23 09 23 53-0310	EA	88 IN-LB, 2 Position, 120 Volt AC Spring Return Direct Coupled Damper Actuator (Honeywell MS4110A1200)	720.54	96.17
23 09 23 53-0311	EA	175 IN-LB, 2 Position, 120 Volt AC Spring Return Direct Coupled Damper Actuator (Honeywell MS4120A1209)	843.11	96.17
23 09 23 53-0312	EA	44 IN-LB, 2 Position, 24 Volt AC Spring Return Direct Coupled Damper Actuator (Honeywell MS8105A1008)	607.53	96.17
23 09 23 53-0313	EA	88 IN-LB, 2 Position, 24 Volt AC Spring Return Direct Coupled Damper Actuator (Honeywell MS8110A1206)	684.20	96.17
23 09 23 53-0314	EA	175 IN-LB, 2 Position, 24 Volt AC Spring Return Direct Coupled Damper Actuator (Honeywell MS8120A1205)	760.12	96.17
23 09 23 53-0315	EA	44 IN-LB, 24 Volt AC, 4-20mA, 0-10 Volt DC Or Floating Control, Spring Return Direct Coupled Damper Actuator	688.39	96.17
23 09 23 53-0316	EA	88 IN-LB, 24 Volt AC, 4-20mA, 0-10 Volt DC Or Floating Control, Spring Return Direct Coupled Damper Actuator (Honeywell MS7510A2206)	797.71	96.17
23 09 23 53-0317	EA	175 IN-LB, 24 Volt AC, 4-20mA, 0-10 Volt DC Or Floating Control, Spring Return Direct Coupled Damper Actuator (Honeywell MS7520A2205)	915.71	96.17
23 09 23 53-0318	EA	44 IN-LB, 24 Volt AC, 4-20mA, 0-10 Volt DC Or Floating Control, Non- Spring Return Direct Coupled Damper Actuator (Honeywell MN7505A2209)	550.66	96.17

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 53-0319	EA	88 IN-LB, 24 Volt AC, 4-20mA, 0-10 Volt DC Or Floating Control, Non- Spring Return Direct Coupled Damper Actuator (Honeywell MN7510A2209)	608.87	96.17
23 09 23 53-0320	EA	175 IN-LB, 24 Volt AC, 4-20 mA, Floating Control, Non-Spring Return Direct Coupled Damper Actuator (Honeywell MN6120A1200)	725.81	96.17
23 09 23 53-0321	EA	175 IN-LB, 24 Volt AC, 4-20mA, 0-10 Volt DC, Non-Spring Return Direct Coupled Damper Actuator (Honeywell MN7220A2007)	780.86	96.17
23 09 23 53-0322	EA	300 IN-LB, 24 Volt AC, 4-20 mA, Floating Control, Non-Spring Return Direct Coupled Damper Actuator (Honeywell MN6134A10030)	780.17	96.17
23 09 23 53-0323	EA	300 IN-LB, 24 Volt AC, 4-20mA, 0-10 Volt DC, Non-Spring Return Direct Coupled Damper Actuator (Honeywell MN7234A2008)	931.13	96.17
23 09 23 53-0324	EA	Pneumatic Spring Return Damper Actuator Without Positive Positioner (Honeywell MP909E1018)	574.51	96.17
23 09 23 53-0325	EA	Pneumatic Spring Return Damper Actuator With Positive Positioner (Honeywell MP909H1368)	1,021.63	96.17
23 09 23 53-0326	EA	Foot Mount Kit With Damper Linkage And Connectors For Direct Coupled Actuator	427.54	96.17
23 09 23 53-0327	EA	Direct Coupled Damper Actuator Enclosure For Outdoor Use	659.40	96.17
23 09 23 53-0328		**Thermostats** *(23 09 23 53-0140)*		
23 09 23 53-0329		**Electric And Electronic Thermostats** *(23 09 23 53-0328)*		
		Note: Includes installation, startup and checkout labor. Excludes engineering and programming labor. Each thermostat counts as one control point.		
23 09 23 53-0330	EA	Line Voltage 120 Volt, Heat/Cool Thermostat (Honeywell T651A3018)	218.38	17.42
23 09 23 53-0331	EA	Electronic Non-Programmable Heat/Cool Heat Pump Or Conventional Unit Thermostat (Honeywell TH5320)	236.44	17.42
23 09 23 53-0332	EA	Electronic Programmable Heating/Cooling Heat Pump Or Conventional Unit Thermostat (Honeywell TH6110)	216.37	17.42
23 09 23 53-0333	EA	Electronic Programmable Two Heating/Two Cooling Heat Pump Or Conventional Unit Thermostat (Honeywell TH6220)	243.87	17.42
23 09 23 53-0334	EA	Electronic Programmable Three Heating/Two Cooling Heat Pump Or Conventional Unit Thermostat (Honeywell TH6320)	264.54	17.42
23 09 23 53-0335	EA	Electronic Programmable Two Heating/Two Cooling Heat Pump Or Conventional Unit Thermostat (Honeywell TH8321)	397.02	17.42
23 09 23 53-0336	EA	Humidity Control Electronic Programmable Heat/Cool Heat Pump Or Conventional Unit Thermostat (Honeywell T7351F)	585.69	17.42
23 09 23 53-0337	EA	Lon Communicating Humidity Control Programmable Heat/Cool Heat Pump Or Conventional Unit Thermostat (Honeywell T7350H)	958.78	17.42
23 09 23 53-0338	EA	Modulating Lon Communicating Humidity Control Programmable Heat/Cool Heat Pump Or Conventional Unit Thermostat (Honeywell T7350M)	1,023.60	17.42
23 09 23 53-0339		**Pneumatic Thermostats** *(23 09 23 53-0328)*		
		Note: Includes installation, startup and checkout labor. Excludes engineering and programming labor. Each thermostat counts as two control point.		
23 09 23 53-0340	EA	Pneumatic Thermostat (Honeywell TP970B2182)	311.62	17.42
23 09 23 53-0341		**Thermostats Guards** *(23 09 23 53-0328)*		
23 09 23 53-0342	EA	9-3/4" x 7-1/4" x 3-3/8" Universal Thermostat Guard (Honeywell TG512A1009)	73.87	17.42
23 09 23 53-0343	EA	7-1/2" x 6-1/2" x 2-15/16" Universal Thermostat Guard (Honeywell TG511)	88.92	17.42
23 09 23 53-0344	EA	5-7/8" x 5-7/8" x 2-1/2" Deep Universal Thermostat Guard (Honeywell TG510)	83.50	17.42
23 09 23 53-0345		**Johnson Controls** *(23 09 23 53)*		
23 09 23 53-0346		**Software** *(23 09 23 53-0345)*		
		Note: Excludes programming, set-up and commissioning of application.		
23 09 23 53-0347	EA	5 Concurrent User Application And Data Server (Johnson Controls MS-ADS05U-0)	20,385.11	
23 09 23 53-0348	EA	10 Concurrent User External Application And Data Server (Johnson Controls MS-ADX10U-0)	24,115.99	
23 09 23 53-0349	EA	N2 Controllers Commissioning And Download Software (Johnson Controls MW-MTOOL-0)	1,150.82	
23 09 23 53-0350	EA	N2 Controllers Download Cable Kit (Johnson Controls AS-CBLPRO-2)	1,765.68	
23 09 23 53-0351	EA	BACnet FEU Controllers Commissioning And Download Software (Johnson Controls MS-CCTSWO-0)	3,160.48	
23 09 23 53-0352	EA	BACnet Controllers Download Bluetooth Converter (Johnson Controls MS-BTCVT-0)	1,161.23	
23 09 23 53-0353	EA	New User FX Tools Pro CD-Rom (FX Builder, FX Builder Expres, FX CommPro N2, FX CommPro LON, FX CommPro BACnet) Software (Johnson Controls LP-FXTPRO-0)	1,154.24	
23 09 23 53-0354	EA	Upgrade FX Tools Pro CD-Rom (FX Builder, FX Builder Expres, FX CommPro N2, FX CommPro LON, FX CommPro BACnet) Software (Johnson Controls LP-FXTPRO-6)	393.69	
23 09 23 53-0355		**Supervisory Controllers** *(23 09 23 53-0345)*		
23 09 23 53-0356	EA	NAE With 1 RS-485, Support For 50 Devices (Either N2 Or BACnet MS/TP) Supervisory Controllers (Johnson Controls MS-NAE3510-2)	8,528.19	464.40
23 09 23 53-0357	EA	NAE With 1 RS-485, Support For 100 Devices (Either N2 Or BACnet MS/TP) Supervisory Controllers (Johnson Controls MS-NAE4511-2)	13,448.57	464.40
23 09 23 53-0358	EA	NAE With 2 RS-485, Support For 200 Devices (N2 Or BACnet MS/TP) Supervisory Controllers (Johnson Controls MS-NAE5511-1)	18,379.86	464.40
23 09 23 53-0359	EA	NCE, 33 Points, Network Control Engine, 32 N2 Device Support Supervisory Controllers (Johnson Controls MS-NCE2510-0)	6,632.88	464.40
23 09 23 53-0360		**Controllers** *(23 09 23 53-0345)*		
23 09 23 53-0361	EA	10 Point Field Equipment Controller With 2 UI, 1 BI, 3 BO, 4 CO, 24 Volt AC And Sensor Actuator Bus With Mounting Base (Johnson Controls MS-FEU1610-0)	987.27	116.11
23 09 23 53-0362	EA	10 Point Field Equipment Controller With 2 UI, 1 BI, 3 BO, 4 CO, 24 Volt AC And Sensor Actuator Bus, Mounting Base And Integral Display (Johnson Controls MS-FEU1620-0)	1,315.35	232.20

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 53-0363	EA	17 Point Field Equipment Controller With 6 UI, 2 BI, 3 BO, 2 AO, 4 CO, 24 Volt AC, Sensor Actuator Bus And Mounting Base (Johnson Controls MS-FEU2610-0)	1,681.76	232.20
23 09 23 53-0364	EA	17 Point Field Equipment Controller With 6 UI, 2 BI, 3 BO, 2 AO, 4 CO, 24 Volt AC, Sensor Actuator Bus And Integral Display (Johnson Controls MS-FEU2620-0)	2,009.84	232.20
23 09 23 53-0365	EA	BACnet MS/TP 4-Point I/O Module With 4 BI, Field Controller Bus And Sensor Actuator Bus Support (Johnson Controls MS-IOM1710-0)	799.04	116.11
23 09 23 53-0366	EA	BACnet MS/TP 6 Point I/O Module With 2 UI, 2 UO, 2 BO, Field Controller Bus And Sensor Actuator Bus Support (Johnson Controls MS-IOM2710-0)	882.70	116.11
23 09 23 53-0367	EA	BACnet MS/TP 12 Point I/O Module with 4 UI, 4 UO, 4 BO, Field Controller Bus And Sensor Actuator Bus Support (Johnson Controls MS-IOM3710-0)	1,008.19	116.11
23 09 23 53-0368	EA	17 Point I/O Module with 6 UI, 2 BI, 3 BO, 2 AO, 4 CO, 24 Volt AC And Sensor Actuator Bus With Mounting Base (Johnson Controls MS-IOU4710-0)	1,024.92	116.11
23 09 23 53-0369	EA	BACnet MS/TP Rooftop Controller For Stand-Alone And Networked Zoning Systems (Johnson Controls TEC2664Z-2)	2,095.20	232.20
23 09 23 53-0370	EA	32-bit, Integrated VAV Controller/Actuator/DPT, 3 UI, 3 BO, and 2 CO; 24 Volt AC; Field Controller Bus And Sensor Actuator Bus (Johnson Controls MS-VMA1630-0)	1,002.50	116.11
23 09 23 53-0371	EA	32-bit, Integrated VAV Controller/Actuator/Pressure Sensor - DPT, 3 UI and 3 BO, 2 CO, 24 Volt AC, and Sensor Actuator Bus (Johnson Controls MS-VMA1930-0) Note: Includes 6-pin Sensor Port for use with TE-7xx Series Non-Communicating Sensors and two Ethernet Ports for BACnet/IP Communications	1,479.62	116.11

23 09 23 53-0372 Master FX Controllers *(23 09 23 53-0345)*

23 09 23 53-0373	EA	6 AI, 8 DI, 4 AO, 9 DO, 9 Relays, No Communication Card Without Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X00-000C)	2,670.77	232.20
23 09 23 53-0374	EA	6 AI, 8 DI, 4 AO, 9 DO, 9 Relays, N2 Open Communication Card Without Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X01-000C)	2,869.02	232.20
23 09 23 53-0375	EA	6 AI, 8 DI, 4 AO, 9 DO, 9 Relays, LON Communication Card Without Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X02-000C)	2,967.54	232.20
23 09 23 53-0376	EA	6 AI, 8 DI, 4 AO, 9 DO, 9 Relays, RS-232 Communication Card Without Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X03-000C)	2,907.67	232.20
23 09 23 53-0377	EA	6 AI, 8 DI, 4 AO, 9 DO, 9 Relays, BACnet Communications Card Without Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X04-000C)	2,814.10	232.20
23 09 23 53-0378	EA	6 AI, 8 DI, 4 AO, 9 DO, 4 Relays, 5 Triac, N2 Communication Card Without Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X11-000C)	2,829.10	232.20
23 09 23 53-0379	EA	6 AI, 8 DI, 4 AO, 9 DO, 4 Relays, 5 Triac, BACnet Communications Card Without Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X14-000C)	2,814.10	232.20
23 09 23 53-0380	EA	6 AI, 8 DI, 4 AO, 9 DO, 9 Relays, No Communication Card With Integral Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X50-000C)	2,869.24	232.20
23 09 23 53-0381	EA	6 AI, 8 DI, 4 AO, 9 DO, 9 Relays, N2 Open Communication Card With Integral Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X51-000C)	3,040.45	232.20
23 09 23 53-0382	EA	6 AI, 8 DI, 4 AO, 9 DO, 9 Relays, LON Communication Card With Integral Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X52-000C)	3,154.60	232.20
23 09 23 53-0383	EA	6 AI, 8 DI, 4 AO, 9 DO, 9 Relays, RS-232 Communication Card With Integral Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X53-000C)	3,097.52	232.20
23 09 23 53-0384	EA	6 AI, 8 DI, 4 AO, 9 DO, 9 Relays, BACnet Communications Card With Integral Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X54-000C)	2,980.69	232.20
23 09 23 53-0385	EA	6 AI, 8 DI, 4 AO, 9 DO, 4 Relays, 5 Triac, No Communication Card With Integral Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X60-000C)	2,869.24	232.20
23 09 23 53-0386	EA	6 AI, 8 DI, 4 AO, 9 DO, 4 Relays, 5 Triac, N2 Communication Card With Integral Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X61-000C)	3,040.45	232.20
23 09 23 53-0387	EA	6 AI, 8 DI, 4 AO, 9 DO, 4 Relays, 5 Triac, LON Communication Card With Integral Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X62-000C)	3,154.60	232.20
23 09 23 53-0388	EA	6 AI, 8 DI, 4 AO, 9 DO, 4 Relays, 5 Triac, RS-232 Communication Card With Integral Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X63-000C)	3,097.52	232.20
23 09 23 53-0389	EA	6 AI, 8 DI, 4 AO, 9 DO, 4 Relays, 5 Triac, BACnet Communications Card With Integral Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X64-000C)	2,980.69	232.20
23 09 23 53-0390	EA	N2 Open Communication Card For FX16 (Johnson Controls LP-NET151-010C)	318.34	58.05
23 09 23 53-0391	EA	LON Communication Card For FX15 and FX16 (Johnson Controls LP-NET152-010C)	458.80	58.05
23 09 23 53-0392	EA	RS-232 Communication Card For FX16 (Johnson Controls LP-NET163-000C)	357.76	58.05
23 09 23 53-0393	EA	BACnet Communications Card For FX16 (Johnson Controls LP-NET164-000C)	318.34	58.05
23 09 23 53-0394	EA	Remote Medium User Interface For FX16 (Johnson Controls LP-DIS60P20-0C)	884.30	58.05
23 09 23 53-0395	EA	Facility Explorer Extension I/O Module (Johnson Controls LP-XT91D00-000C)	812.05	58.05
23 09 23 53-0396	EA	5 UI, 4 BI, 3 AO, 6 Relay DO Expansion I/O Module (Johnson Controls LP-XM07X01-000C)	828.97	58.05
23 09 23 53-0397	EA	5 UI, 4 BI, 3 AO, 2 Triac DO, 4 Relay DO Expansion I/O Module (Johnson Controls LP-XM07X11-000C)	828.97	58.05
23 09 23 53-0398	EA	5 UI, 4 BI, 3 AO, 6 Relay DO (Manual Overrides For 2 AO And 4 Relay DO) Expansion I/O Module (Johnson Controls LP-XM07X51-000C)	913.47	58.05
23 09 23 53-0399	EA	5 UI, 4 BI, 3 AO, 2 Triac DO, 4 Relay DO (Manual Overrides For 2 AO, 2 Triac DO, And 2 Relay DO) Expansion I/O Module (Johnson Controls LP-XM07X61-000C)	913.47	58.05
23 09 23 53-0400	EA	6 UI, 12 BI, 4 AO, 9 Relay DO Expansion I/O Module (Johnson Controls LP-XM14X01-000C)	1,156.42	58.05
23 09 23 53-0401	EA	6 UI, 12 BI, 4 AO, 4 Triac DO Expansion I/O Module (Johnson Controls LP-XM14X11-000C)	1,156.42	58.05
23 09 23 53-0402	EA	6 UI, 12 BI, 4 AO, 9 Relay DO (Manual Overrides For 3 AO And 7 Relay DO) Expansion I/O Module (Johnson Controls LP-XM14X51-000C)	1,293.74	58.05
23 09 23 53-0403	EA	6 UI, 12 BI, 4 AO, 4 Triac DO, 5 Relay DO (Manual Overrides For 3 AO, 2 Triac DO, And 5 Relay DO) Expansion I/O Module (Johnson Controls LP-XM14X61-000C)	1,293.74	58.05

23 09 23 53-0404 VAV, Network And Special Sensors *(23 09 23 53-0345)*

23 09 23 53-0405	EA	3" x 4-1/2", Surface Or Box Mounted, LCD RH Display, 3% RH Accuracy, Occupancy Override, Adjustable Temperature Setpoint BACnet Temperature And Humidity Sensor (Johnson Controls NS-BHR7001-0)	614.25	37.15
23 09 23 53-0406	EA	3" x 4-1/2", Surface Or Box Mounted, Addressing Switch BACnet Temperature Sensor (Johnson Controls NS-BTN7003-0)	199.40	37.15

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23 09 23 53-0407	EA	3" x 4-1/2", Surface Or Box Mounted, 3% RH Accuracy, BACnet Temperature And Humidity Sensor (Johnson Controls NS-BHN7001-0)	473.31	37.15
23 09 23 53-0408	EA	3" x 4-1/2", Surface Or Box Mounted, LCD Display, 2% RH Accuracy, Occupancy Override, Adjustable Temperature Setpoint Addressing Switch BACnet Temperature And Humidity Sensor (Johnson Controls NS-BPB7003-0)	712.53	37.15
23 09 23 53-0409	EA	3" x 4-1/2", Surface Or Box Mounted, LCD Display, Occupancy Override, Adjustable Temperature Setpoint, BACnet Temperature Sensor (Johnson Controls NS-BTB7001-0)	230.46	37.15
23 09 23 53-0410	EA	3" x 4-1/2", Surface Or Box Mounted CO2 Sensor, 0 To 2,000 ppm (Johnson Controls NS-BCN7004-0)	645.08	37.15
23 09 23 53-0411		**Sensors - Hard Wired Type** *(23 09 23 53-0345)*		
23 09 23 53-0412	EA	Duct Mount Temperature Sensor, Platinum RT, With Handi-Box (Johnson Controls TFDCR00)	185.93	66.88
23 09 23 53-0413	EA	Well Insertion Temperature Sensor, With Stainless 4-1/2" Well (Johnson Controls TIGB1C0)	163.88	37.15
23 09 23 53-0414	EA	BACnet MS/TP Networked, Single Stage Thermostat (Johnson Controls TEC2601-2) Note: For fan coil units, unit heaters and single stage packaged heating/cooling equipment.	476.06	17.42
23 09 23 53-0415	EA	BACnet MS/TP Networked Two Outputs, Dehumidification Capability And Three Speed Fan Control Thermostat (Johnson Controls TEC2616-2) Note: For two or four pipe fan coils, cabinet unit heaters or other equipment using on/off, floating, or proportional 0 to 10 Volt DC control input, three speeds of fan control, and dehumidification capability.	647.75	17.42
23 09 23 53-0416	EA	BACnet MS/TP Networked Thermostats With Two Outputs (Johnson Controls TEC2627VVT-2) Note: For VVT systems.	477.01	17.42
23 09 23 53-0417	EA	BACnet MS/TP Zone Controller For Proportional Zone Damper, On/Off Or Proportional Reheat Control (Johnson Controls TEC2647Z-2)	629.76	37.15
23 09 23 53-0418	EA	BACnet Zone Controller With Occupancy Sensor For Proportional Zone Damper, On/Off Or Proportional Reheat Control (Johnson Controls TEC2647Z-2+PIR)	778.35	37.15
23 09 23 53-0419		**Siemens Controls** *(23 09 23 53)*		
23 09 23 53-0420	EA	Concealed Temperature Set Point Adjustment, Electric Line Voltage Heating/Cooling Thermostat (Siemens 134-1083)	458.69	17.42
23 09 23 53-0421	EA	Exposed Temperature Set Point Adjustment, Electric Line Voltage Heating/Cooling Thermostat (Siemens 134-1085)	321.15	17.42
23 09 23 53-0422	EA	SPST/Manual Reset, 1" To 12" Set Point Range, Differential Static Pressure Airflow Switch (Siemens 141-0575)	321.91	78.43
23 09 23 53-0423	EA	-0.5" To 0.5" WG, Low Differential Pressure Transmitter (Siemens 141-0591)	497.81	78.43
23 09 23 53-0424	EA	Spring Clip Mounting Kit For Thermostat (Siemens 182-685)	78.03	11.61
23 09 23 53-0425	EA	Two Position, Pneumatic Circuit, RL243 Switching Relay (Siemens 243-0001)	260.33	116.11
23 09 23 53-0426	EA	3/4" Two Way, Normally Closed, 6.3 Cv, FxF, Brass Trim, Floating, Spring Return Actuator, Globe Valve And Actuator Assembly (Siemens 260-02012)	426.35	20.05
23 09 23 53-0427	EA	1" Three Way, 10 Cv, FxF, Stainless Steel Trim. Floating, Spring Return Actuator, Globe Valve And Actuator Assembly (Siemens 266-02079)	751.74	36.39
23 09 23 53-0428	EA	1" Three Way, 10 Cv, FxF, Brass Trim, 0 To 10 Volt DC, 4 To 20 mA Electronic Spring Return Actuator, Globe Valve And Actuator Assembly (Siemens 274-03203)	1,523.03	36.39
23 09 23 53-0429	EA	1-1/4" Two Way, 16 Cv, FxF, Stainless Steel Trim, 0 To 10 Volt DC Electronic Spring Return Actuator, Globe Valve And Actuator Assembly (Siemens 298-03006)	1,284.17	46.10
23 09 23 53-0430	EA	36" Rigid Probe, 4 To 20 mA, 20 To 120 Degree F Range, Duct Averaging Sensor (Siemens 535-490-36)	325.06	66.88
23 09 23 53-0431	EA	-58 To 122 Degree F Range, Outside Air Temperature Sensor (Siemens 536-768)	277.57	37.15
23 09 23 53-0432	EA	Unit Conditioner Controller With Secure Mode (Siemens 540-110C)	611.45	54.80
23 09 23 53-0433	EA	9-Pin, Female To RJ-11 Cable (Siemens 540-143)	111.58	5.80
23 09 23 53-0434	EA	Terminal Box Controller, Electronic Output, For Trane (Siemens 540-800)	983.79	111.46
23 09 23 53-0435	EA	MMI Extension Cable (Siemens 545-712)	181.45	5.80
23 09 23 53-0436	EA	Remote Pressure Transmitter (Siemens 547-003)	1,492.20	37.15
23 09 23 53-0437	EA	Cooling Only, GDE, BACnet Actuating Terminal Equipment Controller (Siemens 550-400)	909.86	27.86
23 09 23 53-0438	EA	BACnet Unit Conditioner Fan Coil Controller (Siemens 550-433)	782.91	74.31
23 09 23 53-0439	EA	Door Lock And Key Assembly (Siemens 567-225)	42.09	23.22
23 09 23 53-0440	EA	Insight Advanced Software Package (Siemens 571-010-381-USB) Note: Includes one user license and one sentinel key.	15,188.43	
23 09 23 53-0441	EA	BACnet Client Option For Insight Advanced Software Package (Siemens 571-188)	510.09	
23 09 23 53-0442	EA	Soft Controller Option For Insight Advanced Software Package (Siemens 571-620)	3,321.81	
23 09 23 53-0443	EA	1" Steam, Normally Open, 10 Cv, Stainless Steel Trim, Class 250 Globe Valve (Siemens 599-03059)	500.58	12.10
23 09 23 53-0444	EA	2" Steam, Normally Open, 40 Cv, Stainless Steel Trim, Class 250 Glove Valve (Siemens 599-03062)	1,055.89	20.97
23 09 23 53-0445	EA	Firefinder XLS Driver, Modular Equipment Controller With RS-485 BLN, 8 DI, 8 DO, 8 AI, 8 AO, Point Expansion Support, HOA-Ready (Siemens 986-83481C)	9,983.10	46.44
23 09 23 53-0446	EA	SiPass Driver, Modular Equipment Controller With RS-485 ALN, 8 DI, 8 DO, 8 AI, 8 AO, Point Expansion Support, Modem With HOA (Siemens 986-83482F)	11,763.75	46.44
23 09 23 53-0447	EA	7" x 13-7/16" x 3-3/4" Weather Shield (Siemens ASK75.3U)	180.23	17.42
23 09 23 53-0448	EA	Two Position, 24 Volt AC/Volt DC, Standard Cabling, Dual Auxiallary Switches, Electronic Damper Actuator With Spring Return (Siemens GMA126.1U)	447.32	46.63
23 09 23 53-0449	EA	Modulating, 0 To 10 Volt DC, 24 Volt AC/Volt DC, Standard Cabling, Electronic Damper Actuator With Spring Return (Siemens GMA161.1U)	478.20	46.63
23 09 23 53-0450	EA	License To Enable 4 TX-I/O Modules On the Island Bus And FLN Support On Models PXC36-E.A And PXC36-PE.A (Siemens LSM-36.A)	4,420.08	
23 09 23 53-0451	EA	License To Enable FLN Support On PXC-16 or PXC-24 "F" Models (Siemens LSM-FLN)	892.53	
23 09 23 53-0452	EA	License To Enable FLN Support On Models PXC36-E.A And PXC36-PE.A (Siemens LSM-FLN36.A)	2,872.53	
23 09 23 53-0453	EA	License To Enable BACnet Field Panel Web Server (PXC-36) Or Web Services (PXC-16/24) (Siemens LSM-FPWEB)	2,056.33	
23 09 23 53-0454	EA	License To Enable 4 TX-I/O Modules On the Island Bus On Models PXC36-E.A And PXC36-PE.A (Siemens LSM-IB36.A)	1,767.72	
23 09 23 53-0455	EA	License To Enable SNMP Agent License To Enable SNMP Agent (Siemens LSM-SNMP)	5,226.18	
23 09 23 53-0456	EA	16-Switch HOA Upgrade Kit (Siemens PXA16-M)	829.54	2.32
23 09 23 53-0457	EA	16-Switch HOA Upgrade Kit (Extended Temp, UL 916) With HMI Cable (Siemens PXA16-MR)	925.98	9.29
23 09 23 53-0458	EA	8-Switch HOA Upgrade Kit (Siemens PXA8-M)	468.42	2.32
23 09 23 53-0459	EA	18" NEMA Type 1 Enclosure (Utility Cabinet) (Siemens PXA-ENC18)	451.93	65.02
23 09 23 53-0460	EA	19" NEMA Type 1 Enclosure (Utility Cabinet) (Siemens PXA-ENC19)	798.54	65.02

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 53-0461	EA	34" NEMA Type 1 Enclosure (Utility Cabinet) (Siemens PXA-ENC34)	1,123.83	74.31
23 09 23 53-0462	EA	Serial Cable Required For HOA Or PXM10T/S Connection To Non-Rooftop Variants Of The 16-Point And 24-Point Compact Series (Siemens PXA-HMI.CABLEP5)	39.93	11.61
23 09 23 53-0463	EA	115 Volt, 24 Volt AC, 50/60 Hertz, 192 VA PX Series Service Box (Siemens PXA-SB115V192VA)	815.13	29.03
23 09 23 53-0464	EA	115 Volt, 24 Volt AC, 50/60 Hertz, 384 VA PX Series Service Box (Siemens PXA-SB115V384VA)	1,311.13	29.03
23 09 23 53-0465	EA	230 Volt, 24 Volt AC, 50/60 Hertz, 192 VA PX Series Service Box (Siemens PXA-SB230V192VA)	997.87	29.03
23 09 23 53-0466	EA	230 Volt, 24 Volt AC, 50/60 Hertz, 384 VA PX Series Service Box (Siemens PXA-SB230V384VA)	1,519.99	29.03
23 09 23 53-0467	EA	PXC Modular, BACnet/IP Or MS/TP ALN, P1 Or MS/TP FLN, PXX-485.3 Is Also Required As The Connection To The FLN Devices (Siemens PXC00-E96.A)	4,452.24	58.05
23 09 23 53-0468	EA	PXC Modular Series For BACnet Networks, TX-I/O Module, 96 Node (Siemens PXC100-E96.A)	5,761.58	58.05
23 09 23 53-0469	EA	Peer To Peer, TX-I/O, 96 Node, APOGEE Automation System, Programmable Controller - Modular (Siemens PXC100-PE96.A)	6,565.45	58.05
23 09 23 53-0470	EA	16 Point, BACnet/IP ALN Compact Programmable Controller (Siemens PXC16.2-E.A)	1,798.77	58.05
23 09 23 53-0471	EA	16 Point, BACnet/IP ALN, P1 Or MS/TP FLN Compact Programmable Controller (Siemens PXC16.2-EF.A)	2,152.85	58.05
23 09 23 53-0472	EA	16 Point, MS/TP ALN Compact Programmable Controller (Siemens PXC16.2-M.A)	1,918.24	58.05
23 09 23 53-0473	EA	24 Point, BACnet/IP ALN Compact Programmable Controller (Siemens PXC24.2-E.A)	2,627.57	58.05
23 09 23 53-0474	EA	24 Point, BACnet/IP ALN, P1 Or MS/TP FLN Compact Programmable Controller (Siemens PXC24.2-EF.A)	2,872.06	58.05
23 09 23 53-0475	EA	24 Point, BACnet/IP ALN, Rooftop Compact Programmable Controller (Siemens PXC24.2-ER.A)	2,811.40	58.05
23 09 23 53-0476	EA	24 Point, BACnet/IP ALN, Rooftop, P1 Or MS/TP FLN Compact Programmable Controller (Siemens PXC24.2-ERF.A)	3,030.46	58.05
23 09 23 53-0477	EA	24 Point, MS/TP ALN Compact Programmable Controller (Siemens PXC24.2-M.A)	2,805.88	58.05
23 09 23 53-0478	EA	24 Point, MS/TP ALN, Rooftop Compact Programmable Controller (Siemens PXC24.2-MR.A)	3,028.97	58.05
23 09 23 53-0479	EA	36 Point, BACnet/IP Or MS/TP ALN Compact Programmable Controller (Siemens PXC36-E.A)	3,907.17	58.05
23 09 23 53-0480	EA	36 Point, BACnet/IP or MS/TP ALN, Island Bus, P1 Or MS/TP FLN Compact Programmable Controller (Siemens PXC36-EF.A)	7,806.54	58.05
23 09 23 53-0481	EA	License To Enable The Island Bus On PXC00-E96.A and PXC00-PE96.A (Siemens PXF-TXIO.A)	1,326.06	
23 09 23 53-0482	EA	Controller Mounted Operator Display Module With Point Monitor And Optional Blue Backlight (Siemens PXM10S)	523.41	29.03
23 09 23 53-0483	EA	Controller Mounted Operator Display Module (Siemens PXM10T)	380.22	29.03
23 09 23 53-0484	EA	Provides FLN Support For The PXC Modular (Siemens PXX-485.3) Note: Includes Three RS-485 P1 FLN Connections Or One MS/TP FLN Connection, Maximum Of 96 Devices Supported	867.51	23.22
23 09 23 53-0485	EA	Full Feature With Display, Override And Temperature Setpoint Adjustment, Room Temperature Sensor, 10K Ohm Type III Thermistor (Siemens QAA22SS.FWSN)	292.71	29.03
23 09 23 53-0486	EA	Digital Temperature Room Unit for TEC, Sensing, Setpoint, Override, Display, No Logo (Siemens QAA2280.FWNC)	282.84	37.15
23 09 23 53-0487	EA	4" Platinum, 1,000 Ohm, 385 Alpha Probe, Immersion Temperature Sensor (Siemens QAE2012.010)	139.96	29.03
23 09 23 53-0488	EA	8" Platinum, 1,000 Ohm, 385 Alpha Probe, Duct Temperature Sensor (Siemens QAM2012.020)	103.35	29.03
23 09 23 53-0489	EA	24' Flexible Averaging Probe (Siemens QAM2012.750)	308.86	58.05
23 09 23 53-0490	EA	2 Meter Flexible Duct Temperature Sensor With Four Mounting Clamps (Siemens QAM2120.200)	196.54	43.53
23 09 23 53-0491	EA	10 HP, 240 Volt, NEMA 2 Variable Frequency Drive (Siemens SED2-7.5/22X)	3,516.87	374.08
23 09 23 53-0492	EA	Two Sets, Address Keys 1 - 12, Accessory For TX-I/O Module (Siemens TXA1.K12)	36.18	11.61
23 09 23 53-0493	EA	Labels For HOA And TX-I/O Modules (Siemens TXA1.LLT-P100)	0.87	
23 09 23 53-0494	EA	16 Digital Input Module (Siemens TXM1.16D)	655.05	11.61
23 09 23 53-0495	EA	6 Digital Output Relay Points, Manual Override, Digital Output Module (Siemens TXM1.6R-M)	992.88	11.61
23 09 23 53-0496	EA	8 Universal Points, Local Override/Identification, Digital Output Module (Siemens TXM1.8X-ML)	1,595.77	23.22
23 09 23 53-0497	EA	1.2 A, 4A Fuse, Power Supply (Siemens TXS1.12F4)	487.19	6.97

23 09 23 53-0498 Trane Controls *(23 09 23 53)*

23 09 23 53-0499 Software *(23 09 23 53-0498)*

Note: Excludes programming, set-up and commissioning of application.

23 09 23 53-0500	EA	Summit + Building Management Package (Trane 40201152)	7,528.74	
23 09 23 53-0501	EA	Summit Current Version Software (Trane 40201111)	4,239.85	
23 09 23 53-0502	EA	Summit Customer Upgrade Package, Currently V10-V16 To V17 (Trane 40201113)	1,030.93	
23 09 23 53-0503	EA	Rover Service Software And Hardware, Complete Kit (Trane X1365150001)	4,214.04	
23 09 23 53-0504	EA	Tracer SC With -X1365152401 - BACnet (2 Pack) (Trane BMSC000AAA011000)	11,694.89	

23 09 23 53-0505 EMCS Central Equipment And Controllers *(23 09 23 53-0498)*

23 09 23 53-0506	EA	Summit BTMX Operator Display Upgrade (Trane 40201224)	6,250.55	464.40
23 09 23 53-0507	EA	Summit BTMX Retrofit Kit For BMTS And BMTW BCU (Trane 49500531)	14,617.41	464.40
23 09 23 53-0508	EA	Summit BTMX Retrofit Kit For Tracer 100 (Trane 49500532)	14,617.41	464.40
23 09 23 53-0509	EA	Summit BTMX, 120 Volt, (Trane BMTX-001-A-A-B0-00)	12,800.67	464.40
23 09 23 53-0510	EA	Summit BTMX, 120 Volt, With Display (Trane BMTX-001-A-A-B0-10)	14,912.98	464.40
23 09 23 53-0511	EA	Summit CCP Upgrade ROM Kit (Trane 40201095)	221.27	29.03
23 09 23 53-0512	EA	Summit Comm5 Repeater (Trane 49500457)	1,704.10	232.20
23 09 23 53-0513	EA	AHU Controller MP580/581 E Board Only (Trane 40201157)	2,932.12	290.25
23 09 23 53-0514	EA	AHU Controller MP581 120 Volt AC With Enclosure And Display (Trane BMTM000AAC01)	3,770.69	348.31
23 09 23 53-0515	EA	AHU Controller MP581 120 Volt AC With Enclosure, No Display (Trane BMTM000AAC00)	2,931.20	348.31
23 09 23 53-0516	EA	AHU Controller MP581 Operator Door Display (Trane 40201156)	2,457.57	348.31
23 09 23 53-0517	EA	AHU Controller MP581 Portable, Rugged, With Case (Trane 49500491)	2,454.90	348.31
23 09 23 53-0518	EA	Controller MP503 I/O Module With Metal Enclosure (Trane 49500590)	1,122.05	116.11
23 09 23 53-0519	EA	Controller MP503 I/O Module With Plastic Cover (Trane 49500490)	1,017.69	116.11
23 09 23 53-0520	EA	Controller MP581 EX2 Expansion Module With Metal Enclosure (Trane 49500500)	1,826.79	232.20
23 09 23 53-0521	EA	Controller MP581 EX2 Expansion Module With Plastic Cover (Trane 49500499)	1,740.25	232.20
23 09 23 53-0522	EA	2 Position, FCU Controller ZN511 Zone With Metal Enclosure (Trane 49500569)	979.47	116.11
23 09 23 53-0523	EA	2 Position, FCU Controller ZN511 Zone With Plastic Cover (Trane 4950-0469)	853.82	116.11
23 09 23 53-0524	EA	4 Position, FCU Controller ZN517 Zone With Metal Enclosure (Trane 49500596)	1,288.67	116.11
23 09 23 53-0525	EA	4 Position, FCU Controller ZN517 Zone With Plastic Cover (Trane 49500496)	1,163.69	116.11
23 09 23 53-0526	EA	Modulating FCU Controller ZN520 Zone With Plastic Cover (Trane 4950049)	990.66	116.11
23 09 23 53-0527	EA	Modulating FCU Controller ZN520 Zone With Plastic Cover (Trane 49500496)	942.65	116.11

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 53-0528	EA	Modulating Tri ST FCU Controller ZN521 Zone With Metal Cover (Trane 49500570)	1,090.02	116.11
23 09 23 53-0529	EA	Modulating Tri ST FCU Controller ZN521 Zone With Plastic Cover (Trane 49500470)	990.66	116.11
23 09 23 53-0530	EA	DDC VAV Retrofit Kit (Trane VRTODD01)	1,353.94	232.20
23 09 23 53-0531	EA	DDC VAV Retrofit Kit With Belimo Actuator (Trane VRTODD01BLMO)	1,477.53	232.20
23 09 23 53-0532		**Network, VAV And Special Sensors** *(23 09 23 53-0498)*		
23 09 23 53-0533	EA	Digital Display Zone Sensor (Trane X13790464010)	235.26	37.15
23 09 23 53-0534	EA	Single Setpoint Wall Mounted Zone Temperature Sensor (Trane X13511529010)	154.32	37.15
23 09 23 53-0535	EA	Wall Mounted Zone Temperature-Only Sensor (Trane X13511528010)	140.66	37.15
23 09 23 53-0536	EA	Ceiling Mount Zone Occupancy Sensor (Trane X13790421-01)	290.75	41.80
23 09 23 53-0537	EA	Zone LCD O/C Setpoint, 3 Speed Fan (Trane 41901121)	172.98	37.15
23 09 23 53-0538	EA	Zone Sensor LCD O/C Setpoint (Trane 41901120)	172.98	37.15
23 09 23 53-0539	EA	Duct CO2 Sensor, 0 To 2,000 ppm (Trane X13790423010)	616.76	66.88
23 09 23 53-0540	EA	Room CO2 Sensor, 0 To 2,000 ppm (Trane X13790422010)	569.75	37.15
23 09 23 53-0541	EA	Transformer 120/24 40 VA (Trane X13550284010)	133.84	37.15
23 09 23 53-0542	EA	Transformer 24 Volt AC Wall Plug-In (Trane 35803005)	128.96	37.15
23 09 23 53-0543	EA	Transformer UL Listed 120 Volt AC, 40 VA (Trane 35812022)	121.16	37.15
23 09 23 53-0544	EA	Controller UC400 VAV Kit With Enclosure, And Belimo (Trane 5189454010)	1,528.04	232.20
23 09 23 53-0545	EA	Controller UC400 VAV Kit With Enclosure, No Actuator (Trane 5189456010)	1,461.37	232.20
23 09 23 53-0546	EA	Controller UC400 XM32 Module (4 Relay) (Trane X13651563010)	1,322.24	232.20
23 09 23 53-0547	EA	Controller UC400 XM70 (8UI,6UI/AO,4R,1P) (Trane X13651568010)	2,380.17	348.31
23 09 23 53-0548	EA	Controller UC400 XM30 I/O Module (4 UI/AO) (Trane X13651537010)	1,322.24	232.20
23 09 23 53-0549	EA	Controller UC210 VAV With Belimo Actuator (Trane BMUC210AAA0B00011)	1,392.81	232.20
23 09 23 53-0550	EA	Controller UC210 VAV Without Actuator (Trane BMUC210AAA0100011)	1,398.30	232.20
23 09 23 53-0551	EA	Controller Optional Metal Enclosure, UC210 (Trane 501898)	496.37	231.22
23 09 23 53-0552	EA	Controller UC400 PM014 24 Volt AC To 1.4 Amperes, 24 Volt DC (Trane X1365153801)	731.24	231.22
23 09 23 53-0553	EA	Controller Tracer UC600 Controller (Trane BMUC600AAA0100011)	2,675.66	348.31
23 09 23 53-0554	EA	Controller UC600 Tracer TD7 Display (Trane X13651571010)	2,568.39	348.31
23 09 23 53-0555	EA	Controller UC600 TD7 Mounting Bracket (Trane X05010511010)	158.22	46.27
23 09 23 53-0556	EA	Controller UC400 13" DIN Rail Enclosure, 120 Volt (Trane X13651559010)	583.42	46.27
23 09 23 53-0557	EA	SC 24" DIN Rail Enclosure, 120 Volt (Trane X13651552010)	2,741.97	348.31
23 09 23 53-0558	EA	BACnet Term (2 Pack) (Trane X1365152401)	249.90	83.24
23 09 23 53-0559	EA	Tracer ES Add License (Trane X40250125010)	3,275.57	
23 09 23 53-0560	EA	Kit - Tracer TU For Controls (Trane X4509151201)	5,079.69	464.40
23 09 23 53-0561	EA	Kit - Tracer TU Complete (Trane X4509151301)	6,714.13	464.40
23 09 23 53-0562	EA	Tracer TU Adapter Wired/Wireless (Trane X13651529010)	663.38	83.24
23 09 23 53-0563	EA	Sensor Wireless Zone Sensor, Fahrenheit (Trane X13790492010)	375.70	83.24
23 09 23 53-0564	EA	Sensor Wireless Display Sensor (Trane X13790822010)	426.41	83.24
23 09 23 53-0565	EA	Sensor Wireless Receiver, 100mW (Trane X13790854010)	380.57	83.24
23 09 23 53-0566	EA	Sensor Wireless Comm Interface (WCI) Indoor, 100mW (Trane X13790901010)	520.87	83.24
23 09 23 53-0567	EA	Sensor Wireless Comm Interface (WCI) Outdoor, 100mW (Trane X13790941010)	568.64	83.24
23 09 23 53-0568		**Control Sensors, Meters, Relays, Power Supplies, Valves, Dampers And Actuators** *(23 09 23 53)*		
23 09 23 53-0569		**Current Switches And Current Sensors** *(23 09 23 53-0568)*		
23 09 23 53-0570	EA	Up To 20 Amperes, 0 To 5 Volt DC, Current Sensor (Senva C-1203)	143.59	37.15
23 09 23 53-0571	EA	Up To 20 Amperes, 4-20mA, Current Sensor (Senva C-1205)	149.44	37.15
23 09 23 53-0572	EA	0.5 To 135 Amperes Range, Split Core, VFD Current Switch (Senva C-2350VFD-L)	235.26	37.15
23 09 23 53-0573	EA	0.15 To 100 Amperes Range, Split Core, Current Switch With NC Command Relay (Senva C-2300 And CR4-24)	135.79	37.15
23 09 23 53-0574	EA	0 To 50/100/200 Amperes (Selectable), 4-20mA, 0 To 5 Volt DC, Split Core, DC Current Sensor (Veris H970HCA)	434.20	37.15
23 09 23 53-0575	EA	0 To 20/40/80 Amperes (Selectable), 0-20mA, 0 To 5 Volt DC, Split Core, DC Current Sensor (Veris H970LCC)	274.02	37.15
23 09 23 53-0576	EA	1 To 135 Amperes, N.O. Contact, 1 Ampere At 110 Volt, Current Switch (Veris H709)	207.15	37.15
23 09 23 53-0577	EA	0 To 10/20/40 Amperes, 4-20mA Analog Output, Solid Core, Loop Powered, Current Switch (Veris H721)	207.15	37.15
23 09 23 53-0578	EA	Energy Meter H8163 Series, With BACnet Output (Veris H8186-CB-BAC)	5,733.30	185.77
23 09 23 53-0579	EA	100 Amperes, Modbus RTU, Power Transducer (Veris H8035-0100-2) Note: 3 phase networked transducer.	1,459.53	37.15
23 09 23 53-0580	EA	2,400 Amperes, Three Current Switches, Pulse Output, Phase Loss Alarm Output, Energy Meter (Veris H8163-2400-4-3)	2,222.72	37.15
23 09 23 53-0581	EA	Up To 20 Amperes, 0-5 Volt DC, Current Transducer (Kele 4CTV)	222.85	37.15
23 09 23 53-0582	EA	Solid Core Fixed Setpoint Digital Output Current Switch (Veris H-800)	323.47	98.69
23 09 23 53-0583	EA	Split Core Fixed Setpoint Digital Output Current Switch (Veris H-900)	323.94	98.69
23 09 23 53-0584	EA	Solid Core Adjustable Setpoint Digital Output Current Sensor (Veris H-708)	347.34	98.69
23 09 23 53-0585	EA	Split Core Adjustable Setpoint Digital Output Current Sensor (Veris H-908)	353.19	98.69
23 09 23 53-0586	EA	Solid And Split Core Adjustable Setpoint Digital Output VFD Current Switch (Veris H-904)	386.35	98.69
23 09 23 53-0587	EA	Toggle Switch	130.94	46.44
23 09 23 53-0588	EA	Maintained Pushbutton Switch	140.50	46.44
23 09 23 53-0589	EA	Manual Time Switch	230.58	46.44
23 09 23 53-0590	EA	Emergency Stop Switch	391.66	46.44
23 09 23 53-0591	EA	Float Switch	367.86	46.44
23 09 23 53-0592	EA	Break Glass Switch	1,238.65	46.44
23 09 23 53-0593	EA	Boiler E-Stop Switch	739.95	46.44
23 09 23 53-0594		**Relays** *(23 09 23 53-0568)*		
23 09 23 53-0595	EA	DPDT, 24 Volt AC, Blade, Standard Relay (Kele RH2B-UAC24V)	117.26	37.15
23 09 23 53-0596	EA	SPDT, 24 Volt AC/Volt DC, 120 Volt AC Multi-Voltage Relay Module (Kele PAM-1)	129.26	37.15
23 09 23 53-0597	EA	SPDT, 24 Volt AC/Volt DC, 120 Volt AC Power Relay (Kele RIB2401B) Note: Box type.	184.10	46.44

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 53-0598	EA	Motor Starter Interface, 300msec Pulse (Kele PIL-2)	236.86	37.15
23 09 23 53-0599	EA	DP Relay Socket, DIN Rail Mounted (Kele SH2B-05)	108.56	37.15
23 09 23 53-0600	EA	SP Relay Socket, DIN Rail Mounted (Kele SH1B-05)	106.81	37.15
23 09 23 53-0601	EA	SPDT, 24 Volt AC, Blade, Standard Relay (Kele RH1B-UAC24V)	117.26	37.15
23 09 23 53-0602	EA	DPDT, 24 Volt AC, Blade, Indicator Light Relay (Kele RH2B-ULAC24V)	122.74	37.15
23 09 23 53-0603	EA	SPDT, 24 Volt AC, Blade, Indicator Light Relay (Kele RH1B-ULAC24V)	124.24	37.15
23 09 23 53-0604	EA	SPDT Pilot Relay, Universal (Kele RIBU1C) Note: Box type.	133.57	46.44
23 09 23 53-0605	EA	SPST Pilot Relay With HOA Switch (Kele RIBU1S) Note: Box type.	182.52	46.44
23 09 23 53-0606	EA	SPDT 3 Phase Line Voltage Monitor, .1-5 Minute Delay On Break Timer (ICM400)	333.50	46.44
23 09 23 53-0607	EA	SPDT 3-Phase Line Voltage Monitor, 0-10 Minute Delay On Break Timer (ICM450)	331.34	46.44

23 09 23 53-0608 Transformers *(23 09 23 53-0568)*

23 09 23 53-0609	EA	50 VA, 120/240/277/480-24 Volt AC, CB Foot And Single Hub Control Transformer (Veris X050CBA)	142.30	37.15
23 09 23 53-0610	EA	75 VA, 120-24 Volt AC, CB Foot And Dual Hub Control Transformer (Veris X075CAB)	155.92	37.15
23 09 23 53-0611	EA	75 VA, 120/208/240/480-24 Volt AC, CB Foot And Single Hub Control Transformer (Veris X075CBA)	155.92	37.15
23 09 23 53-0612	EA	100 VA, 120-24 Volt AC, CB Foot And Dual Hub Control Transformer (Veris X100CAB)	168.24	37.15
23 09 23 53-0613	EA	100 VA, 120/240/277/480-24 Volt AC, CB Foot And Single Hub Control Transformer (Veris X100CBA)	175.83	37.15

23 09 23 53-0614 Power Supplies *(23 09 23 53-0568)*

23 09 23 53-0615	EA	Solid Core Current Operated Switch, Terminals, Adjustable Trip, 0.5-150A, SPST (Kele RIBXKTA)	218.90	37.15
23 09 23 53-0616	EA	AC/DC Power Supply, 1.2 Amperes At 24 Volt Output (Kele DCPA-1.2)	256.67	37.15
23 09 23 53-0617	EA	DC Power Supply, 5 Volt DC And 24 Volt DC Output (Kele DCP-524)	239.65	37.15
23 09 23 53-0618	EA	DC Power Supply, 24 Volt DC, DIN Rail Mounted (Kele DCP-250-D)	247.70	37.15
23 09 23 53-0619	EA	DC Power Supply, 24 Volt DC, Hub Mounted (Kele DCP-250-H)	240.53	37.15
23 09 23 53-0620	EA	DC Power Supply, 24 Volt DC, Panel Mounted (Kele DCP-250-P)	252.54	37.15
23 09 23 53-0621	EA	DC Power Supply, 24 Volt AC In To Custom DC Out, At 1.5 Amperes (Kele DCP-1.5-W-C)	186.42	37.15

23 09 43 Pneumatic Control System For HVAC *(23 09)*

23 09 43 00-0001 Pneumatic Tubing For HVAC Instrumentation and Control Devices *(23 09 43)*

23 09 43 00-0002 Polyurethane Pneumatic Tubing *(23 09 43 00-0001)*

23 09 43 00-0003	LF	1/4" Outside Diameter x 1/32" Thick Wall Polyurethane Pneumatic Tubing	2.46	0.95
23 09 43 00-0004	LF	5/32" Outside Diameter x 1/16" Thick Wall Polyurethane Pneumatic Tubing	3.14	0.98
23 09 43 00-0005	LF	3/8" Outside Diameter x 1/16" Thick Wall Polyurethane Pneumatic Tubing	4.13	1.01
23 09 43 00-0006	LF	1/2" Outside Diameter x 1/16" Thick Wall Polyurethane Pneumatic Tubing	5.26	1.04

23 09 43 00-0007 Fire Resistant Polyethylene Pneumatic Tubing *(23 09 43 00-0001)*

23 09 43 00-0008	LF	1/4" Outside Diameter x .040" Thick Wall Fire Resistant Polyethylene Pneumatic Tubing	2.19	0.95
23 09 43 00-0009	LF	5/32" Outside Diameter x .030" Thick Wall Fire Resistant Polyethylene Pneumatic Tubing	2.35	0.98
23 09 43 00-0010	LF	3/8" Outside Diameter x .062" Thick Wall Fire Resistant Polyethylene Pneumatic Tubing	2.70	1.01
23 09 43 00-0011	LF	1/2" Outside Diameter x .062" Thick Wall Fire Resistant Polyethylene Pneumatic Tubing	3.39	1.04

23 09 43 00-0012 Nylon Pneumatic Tubing *(23 09 43 00-0001)*

23 09 43 00-0013	LF	1/8" Outside Diameter x .016" Thick Wall Nylon Pneumatic Tubing	2.61	0.92
23 09 43 00-0014	LF	1/4" Outside Diameter x .035" Thick Wall Nylon Pneumatic Tubing	3.48	0.95
23 09 43 00-0015	LF	3/8" Outside Diameter x .050" Thick Wall Nylon Pneumatic Tubing	5.29	1.01
23 09 43 00-0016	LF	1/2" Outside Diameter x .062" Thick Wall Nylon Pneumatic Tubing	6.81	1.04

23 09 43 00-0017 Flexible Vinyl Pneumatic Tubing *(23 09 43 00-0001)*

23 09 43 00-0018	LF	1/4" Outside Diameter Flexible Vinyl Pneumatic Tubing	2.55	0.95
23 09 43 00-0019	LF	3/8" Outside Diameter Flexible Vinyl Pneumatic Tubing	4.16	1.01
23 09 43 00-0020	LF	1/2" Outside Diameter Flexible Vinyl Pneumatic Tubing	5.03	1.04
23 09 43 00-0021	LF	5/8" Outside Diameter Flexible Vinyl Pneumatic Tubing	6.14	1.07
23 09 43 00-0022	LF	3/4" Outside Diameter Flexible Vinyl Pneumatic Tubing	6.96	1.10
23 09 43 00-0023	LF	1" Outside Diameter Flexible Vinyl Pneumatic Tubing	9.58	1.12

23 09 43 00-0024 Braided Vinyl Pneumatic Tubing *(23 09 43 00-0001)*

23 09 43 00-0025	LF	5/8" Outside Diameter Braided Vinyl Pneumatic Tubing	3.46	1.07
23 09 43 00-0026	LF	3/4" Outside Diameter Braided Vinyl Pneumatic Tubing	4.04	1.10
23 09 43 00-0027	LF	1" Outside Diameter Braided Vinyl Pneumatic Tubing	5.08	1.12

23 09 43 00-0028 Copper Pneumatic Tubing *(23 09 43 00-0001)*

23 09 43 00-0029	LF	1/4" Outside Diameter Copper Pneumatic Tubing	5.28	2.05
23 09 43 00-0030	LF	3/8" Outside Diameter Copper Pneumatic Tubing	6.44	2.36
23 09 43 00-0031	LF	1/2" Outside Diameter Copper Pneumatic Tubing	7.47	2.72
23 09 43 00-0032	LF	5/8" Outside Diameter Copper Pneumatic Tubing	9.23	3.13
23 09 43 00-0033	LF	3/4" Outside Diameter Copper Pneumatic Tubing	10.51	3.60

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 43 00-0034		**Brass Couplings** *(23 09 43 00-0001)* See CSI section 22 11 16 00-0383 for copper tubing.		
23 09 43 00-0035		**Straight Brass Couplings** *(23 09 43 00-0034)* Note: Barb x Barb		
23 09 43 00-0036	EA	1/4" x 1/4" Straight Brass Coupling	11.17	5.18
23 09 43 00-0037	EA	3/8" x 1/4" Straight Brass Coupling	11.31	5.18
23 09 43 00-0038	EA	3/8" x 3/8" Straight Brass Coupling	11.44	5.18
23 09 43 00-0039		**Elbow Brass Couplings** *(23 09 43 00-0034)* Note: Barb x Barb		
23 09 43 00-0040	EA	1/4" x 1/4" Elbow Brass Coupling	11.92	5.18
23 09 43 00-0041	EA	3/8" x 3/8" Elbow Brass Coupling	12.37	5.18
23 09 43 00-0042		**Tee Brass Couplings** *(23 09 43 00-0034)* Note: Barb x Barb		
23 09 43 00-0043	EA	1/4" x 1/4" x 1/4" Tee Brass Coupling	18.18	8.06
23 09 43 00-0044	EA	3/8" x 3/8" x 1/4" Tee Brass Coupling	20.95	8.63
23 09 43 00-0045	EA	3/8" x 3/8" x 3/8" Tee Brass Coupling	20.47	8.63

23 10 Facility Fuel Systems *(23)*

23 11 Facility Fuel Piping *(23 10)*

23 11 23 Facility Natural-Gas Piping *(23 11)*

See CSI section 23 21 13 23-0001 for threaded black steel pipe, 33 52 16 00-0000 for underground MDPE and HDPE pipe.

23 11 23 00-0001		**Corrugated Stainless Steel Tubing (CSST), Flexible Gas Piping** *(23 11 23)*		
23 11 23 00-0002		**Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe** *(23 11 23 00-0001)* Note: Includes UV resistant polyethylene jacket. Excludes fittings and pipe hangers.		
23 11 23 00-0003	LF	3/8" Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	6.28	2.02
23 11 23 00-0004	LF	1/2" Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	6.91	2.19
23 11 23 00-0005	LF	3/4" Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	8.29	2.37
23 11 23 00-0006	LF	1" Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	10.48	2.50
23 11 23 00-0007	LF	1-1/4" Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	12.37	2.63
23 11 23 00-0008	LF	1-1/2" Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	18.87	2.73
23 11 23 00-0009	LF	2" Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	25.60	2.91
23 11 23 00-0010		**Fittings And Accessories For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe** *(23 11 23 00-0001)*		
23 11 23 00-0011		**Male Adaptors For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe** *(23 11 23 00-0010)*		
23 11 23 00-0012	EA	3/8" x 1/2", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	29.94	
23 11 23 00-0013	EA	3/8" x 3/8", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	29.94	
23 11 23 00-0014	EA	1/2" x 3/8", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	32.09	
23 11 23 00-0015	EA	1/2" x 1/2", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	32.09	
23 11 23 00-0016	EA	3/4" x 3/4", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	38.65	
23 11 23 00-0017	EA	1" x 3/4", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	53.34	
23 11 23 00-0018	EA	1" x 1", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	53.34	
23 11 23 00-0019	EA	1-1/4" x 1-1/4", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	90.93	
23 11 23 00-0020	EA	1-1/2" x 1-1/2", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	166.82	
23 11 23 00-0021	EA	2" x 2", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	270.44	
23 11 23 00-0022		**Female Adaptors For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe** *(23 11 23 00-0010)*		
23 11 23 00-0023	EA	3/8" x 1/2", (CSST x Threaded) Female Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	28.98	
23 11 23 00-0024	EA	1/2" x 1/2", (CSST x Threaded) Female Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	32.09	
23 11 23 00-0025	EA	1/2" x 3/8", (CSST x Threaded) Female Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	32.09	
23 11 23 00-0026	EA	3/4" x 3/4", (CSST x Threaded) Female Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	38.65	
23 11 23 00-0027	EA	3/4" x 1/2", (CSST x Threaded) Female Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	38.65	
23 11 23 00-0028	EA	1" x 3/4", (CSST x Threaded) Female Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	50.98	
23 11 23 00-0029	EA	1" x 1", (CSST x Threaded) Female Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	50.98	
23 11 23 00-0030		**Reducing Adaptors For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe** *(23 11 23 00-0010)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 11 23 00-0031	EA	3/4" x 1/2", (CSST x Threaded) Reducing Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	39.22	
23 11 23 00-0032	EA	1" x 3/4", (CSST x Threaded) Reducing Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	51.84	

23 11 23 00-0033 Couplings For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe *(23 11 23 00-0010)*

23 11 23 00-0034	EA	3/8" Coupling For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	40.39	
23 11 23 00-0035	EA	1/2" Coupling For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	44.82	
23 11 23 00-0036	EA	3/4" Coupling For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	56.36	
23 11 23 00-0037	EA	1" Coupling For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	80.96	
23 11 23 00-0038	EA	1-1/4" Coupling For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	151.99	
23 11 23 00-0039	EA	1-1/2" Coupling For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	297.15	
23 11 23 00-0040	EA	2" Coupling For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	493.77	

23 11 23 00-0041 Tees For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe *(23 11 23 00-0010)*

23 11 23 00-0042	EA	1/2" Tee For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	55.79	
23 11 23 00-0043	EA	3/4" Tee For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	90.19	
23 11 23 00-0044	EA	1" Tee For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	143.27	
23 11 23 00-0045	EA	1-1/4" Tee For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	247.03	
23 11 23 00-0046	EA	1-1/2" Tee For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	265.63	
23 11 23 00-0047	EA	2" Tee For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	305.09	

23 11 23 00-0048 Indoor Termination Fittings For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe *(23 11 23 00-0010)*

23 11 23 00-0049	EA	3/8" x 1/2", (CSST x Threaded) Indoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	36.21	
23 11 23 00-0050	EA	1/2" x 1/2", (CSST x Threaded) Indoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	37.41	
23 11 23 00-0051	EA	3/4" x 3/4", (CSST x Threaded) Indoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	40.71	
23 11 23 00-0052	EA	1" x 3/4", (CSST x Threaded) Indoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	54.91	
23 11 23 00-0053	EA	1" x 1", (CSST x Threaded) Indoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	55.72	

23 11 23 00-0054 Outdoor Termination Fittings For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe *(23 11 23 00-0010)*

23 11 23 00-0055	EA	3/8" x 1/2", (CSST x Threaded) Outdoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	39.95	
23 11 23 00-0056	EA	1/2" x 1/2", (CSST x Threaded) Outdoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	41.00	
23 11 23 00-0057	EA	3/4" x 3/4", (CSST x Threaded) Outdoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	48.33	
23 11 23 00-0058	EA	1" x 3/4", (CSST x Threaded) Outdoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	57.04	
23 11 23 00-0059	EA	1" x 1", (CSST x Threaded) Outdoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	57.04	

23 11 23 00-0060 Indoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe *(23 11 23 00-0010)*

23 11 23 00-0061	EA	3/8" Indoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	61.98	
23 11 23 00-0062	EA	1/2" Indoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	63.55	
23 11 23 00-0063	EA	3/4" Indoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	66.70	
23 11 23 00-0064	EA	1" Indoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	106.96	
23 11 23 00-0065	EA	1-1/4" Indoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	111.08	
23 11 23 00-0066	EA	1-1/2" Indoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	160.95	
23 11 23 00-0067	EA	2" Indoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	200.57	

23 11 23 00-0068 Outdoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe *(23 11 23 00-0010)*

23 11 23 00-0069	EA	3/8" Outdoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	65.61	
23 11 23 00-0070	EA	1/2" Outdoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	67.12	
23 11 23 00-0071	EA	3/4" Outdoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	74.18	
23 11 23 00-0072	EA	1" Outdoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	135.55	
23 11 23 00-0073	EA	1-1/4" Outdoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	139.90	
23 11 23 00-0074	EA	1-1/2" Outdoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	193.09	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 11 23 00-0075	EA	2" Outdoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	244.10	
23 11 23 00-0076		**Indoor Bracket Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe** *(23 11 23 00-0010)*		
23 11 23 00-0077	EA	1/2" Indoor Bracket Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	38.26	
23 11 23 00-0078	EA	3/4" Indoor Bracket Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	41.33	
23 11 23 00-0079	EA	1" Indoor Bracket Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	63.13	
23 11 23 00-0080	EA	1-1/4" Indoor Bracket Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	97.54	
23 11 23 00-0081	EA	1-1/2" Indoor Bracket Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	190.14	
23 11 23 00-0082	EA	2" Indoor Bracket Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	303.14	
23 11 23 00-0083		**Stub-Outs For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe** *(23 11 23 00-0010)*		
		Note: Includes mounting plate.		
23 11 23 00-0084	EA	1/2" Appliance Stub-Out For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	32.99	
23 11 23 00-0085	EA	3/4" Appliance Stub-Out For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	35.98	
23 11 23 00-0086	EA	1/2" Fireplace Stub-Out For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	33.03	
23 11 23 00-0087	EA	1/2" Meter Stub-Out For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	33.14	
23 11 23 00-0088	EA	3/4" Meter Stub-Out For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	34.53	
23 11 23 00-0089	EA	1" Meter Stub-Out For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	41.14	
23 11 23 00-0090	EA	1-1/4" Meter Stub-Out For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	49.61	
23 11 23 00-0091		**Flush Mount Gas Valve Kits For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe** *(23 11 23 00-0010)*		
		Note: Includes flush fitting plastic valve box and 90 degree brass shut-off valve.		
23 11 23 00-0092	EA	1/2" x 1/2", (CSST x Threaded) Flush Mount Gas Valve Kit For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	93.43	21.19
23 11 23 00-0093	EA	3/4" x 3/4", (CSST x Threaded) Flush Mount Gas Valve Kit For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	105.70	22.25
23 11 23 00-0094		**Shut-Off Valves For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe** *(23 11 23 00-0010)*		
23 11 23 00-0095	EA	3/8" x 1/2", (CSST x Threaded) Shut-Off Valve For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	66.72	18.55
23 11 23 00-0096	EA	1/2" x 1/2", (CSST x Threaded) Shut-Off Valve For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	77.58	22.04
23 11 23 00-0097	EA	3/4" x 3/4", (CSST x Threaded) Shut-Off Valve For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	95.26	26.49
23 11 23 00-0098	EA	1" x 3/4", (CSST x Threaded) Shut-Off Valve For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	118.96	35.39
23 11 23 00-0099		**Manifolds For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe** *(23 11 23 00-0010)*		
		Note: Includes mounting hardware.		
23 11 23 00-0100	EA	1/2" Inlet, Three 1/2" Outlets, Manifold For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	82.01	22.04
23 11 23 00-0101	EA	3/4" Inlet, Three 1/2" Outlets, Manifold For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	92.94	26.49
23 11 23 00-0102	EA	1/2" Inlet, Four 1/2" Outlets, Manifold For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	87.99	22.04
23 11 23 00-0103	EA	3/4" Inlet, Four 1/2" Outlets, Manifold For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	96.82	26.49
23 11 23 00-0104	EA	2" x 1-1/2" Inlet, Four 1" Outlets, Manifold For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	183.17	66.22
23 11 23 00-0105		**Pressure Regulators For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe** *(23 11 23 00-0010)*		
23 11 23 00-0106	EA	1/2" Port, 250 MBTU Pressure Regulator For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	86.84	22.04
23 11 23 00-0107	EA	1/2" Port, 355 MBTU Pressure Regulator For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	86.84	22.04
23 11 23 00-0108	EA	1/2" Port, 425 MBTU Pressure Regulator For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	122.62	22.04
23 11 23 00-0109	EA	3/4" Port, 550 MBTU Pressure Regulator For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	131.45	26.49
23 11 23 00-0110	EA	3/4" Port, 810 MBTU Pressure Regulator For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	131.45	26.49
23 11 23 00-0111	EA	1" Port, 550 MBTU Pressure Regulator For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	149.10	35.39
23 11 23 00-0112	EA	1-1/4" Port, 1,000 MBTU Pressure Regulator For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	224.22	39.73
23 11 23 00-0113	EA	1/2" Port, 200 MBTU Pressure Regulator With Over Pressure Protection Device For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	116.29	22.04
23 11 23 00-0114	EA	3/4" Port, 425 MBTU Pressure Regulator With Over Pressure Protection Device For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	293.46	26.49
23 11 23 00-0115	EA	1-1/4" Port, 900 MBTU Pressure Regulator With Over Pressure Protection Device For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	715.94	39.73
23 11 23 00-0116		**Polymer Coated Stainless Steel, Flexible Gas Appliance Connectors (Brass Craft)** *(23 11 23)*		
23 11 23 00-0117		**3/4" MIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft)** *(23 11 23 00-0116)*		
23 11 23 00-0118	EA	12" Length, 3/4" MIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC11-12)	47.10	15.90
23 11 23 00-0119	EA	18" Length, 3/4" MIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC11-18)	51.84	16.95

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 11 23 00-0120	EA	24" Length, 3/4" MIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC11-24)	56.39	16.95
23 11 23 00-0121	EA	30" Length, 3/4" MIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC11-30)	59.23	18.01
23 11 23 00-0122	EA	36" Length, 3/4" MIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC11-36)	62.85	18.01
23 11 23 00-0123	EA	48" Length, 3/4" MIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC11-48)	71.11	19.07
23 11 23 00-0124	EA	60" Length, 3/4" MIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC11-60)	78.60	19.07
23 11 23 00-0125	EA	72" Length, 3/4" MIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC11-72)	86.01	20.13
23 11 23 00-0126		**3/4" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft)** *(23 11 23 00-0116)*		
23 11 23 00-0127	EA	12" Length, 3/4" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC14-12)	47.10	15.90
23 11 23 00-0128	EA	18" Length, 3/4" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC14-18)	51.84	16.95
23 11 23 00-0129	EA	24" Length, 3/4" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC14-24)	56.39	16.95
23 11 23 00-0130	EA	30" Length, 3/4" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC14-30)	59.23	18.01
23 11 23 00-0131	EA	36" Length, 3/4" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC14-36)	62.85	18.01
23 11 23 00-0132	EA	48" Length, 3/4" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC14-48)	71.11	19.07
23 11 23 00-0133	EA	60" Length, 3/4" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC14-60)	78.60	19.07
23 11 23 00-0134	EA	72" Length, 3/4" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC14-72)	86.01	20.13
23 11 23 00-0135		**3/4" MIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft)** *(23 11 23 00-0116)*		
23 11 23 00-0136	EA	12" Length, 3/4" MIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC15-12)	47.10	15.90
23 11 23 00-0137	EA	18" Length, 3/4" MIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC15-18)	51.84	16.95
23 11 23 00-0138	EA	24" Length, 3/4" MIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC15-24)	56.39	16.95
23 11 23 00-0139	EA	30" Length, 3/4" MIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC15-30)	59.23	18.01
23 11 23 00-0140	EA	36" Length, 3/4" MIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC15-36)	62.85	18.01
23 11 23 00-0141	EA	48" Length, 3/4" MIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC15-48)	71.11	19.07
23 11 23 00-0142	EA	60" Length, 3/4" MIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC15-60)	78.60	19.07
23 11 23 00-0143	EA	72" Length, 3/4" MIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC15-72)	86.01	20.13
23 11 23 00-0144		**3/4" FIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft)** *(23 11 23 00-0116)*		
23 11 23 00-0145	EA	12" Length, 3/4" FIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC21-12)	47.10	15.90
23 11 23 00-0146	EA	18" Length, 3/4" FIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC21-18)	51.84	16.95
23 11 23 00-0147	EA	24" Length, 3/4" FIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC21-24)	68.03	16.95
23 11 23 00-0148	EA	30" Length, 3/4" FIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC21-30)	59.23	18.01
23 11 23 00-0149	EA	36" Length, 3/4" FIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC21-36)	62.85	18.01
23 11 23 00-0150	EA	48" Length, 3/4" FIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC21-48)	71.11	19.07
23 11 23 00-0151	EA	60" Length, 3/4" FIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC21-60)	78.60	19.07
23 11 23 00-0152	EA	72" Length, 3/4" FIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC21-72)	86.01	20.13
23 11 23 00-0153		**3/4" FIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft)** *(23 11 23 00-0116)*		
23 11 23 00-0154	EA	12" Length, 3/4" FIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC22-12)	51.59	15.90
23 11 23 00-0155	EA	18" Length, 3/4" FIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC22-18)	57.42	16.95
23 11 23 00-0156	EA	24" Length, 3/4" FIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC22-24)	56.39	16.95

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23 11 23 00-0157	EA	30" Length, 3/4" FIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC22-30)	66.34	18.01
23 11 23 00-0158	EA	36" Length, 3/4" FIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC22-36)	62.85	18.01
23 11 23 00-0159	EA	48" Length, 3/4" FIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC22-48)	71.11	19.07
23 11 23 00-0160	EA	60" Length, 3/4" FIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC22-60)	78.60	19.07
23 11 23 00-0161	EA	72" Length, 3/4" FIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC22-72)	86.01	20.13
23 11 23 00-0162		**3/4" FIP Elbow x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft)** *(23 11 23 00-0116)*		
23 11 23 00-0163	EA	12" Length, 3/4" FIP Elbow x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC23-12)	47.10	15.90
23 11 23 00-0164	EA	24" Length, 3/4" FIP Elbow x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC23-24)	62.98	16.95
23 11 23 00-0165	EA	30" Length, 3/4" FIP Elbow x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC23-30)	59.23	18.01
23 11 23 00-0166	EA	36" Length, 3/4" FIP Elbow x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC23-36)	62.85	18.01
23 11 23 00-0167	EA	48" Length, 3/4" FIP Elbow x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC23-48)	71.11	19.07
23 11 23 00-0168	EA	60" Length, 3/4" FIP Elbow x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC23-60)	90.46	19.07
23 11 23 00-0169	EA	72" Length, 3/4" FIP Elbow x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC23-72)	86.01	20.13
23 11 23 00-0170		**3/4" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft)** *(23 11 23 00-0116)*		
23 11 23 00-0171	EA	12" Length, 3/4" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC24-12)	47.10	15.90
23 11 23 00-0172	EA	18" Length, 3/4" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC24-18)	51.84	16.95
23 11 23 00-0173	EA	24" Length, 3/4" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC24-24)	56.39	16.95
23 11 23 00-0174	EA	30" Length, 3/4" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC24-30)	59.23	18.01
23 11 23 00-0175	EA	36" Length, 3/4" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC24-36)	62.85	18.01
23 11 23 00-0176	EA	48" Length, 3/4" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC24-48)	71.11	19.07
23 11 23 00-0177	EA	60" Length, 3/4" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC24-60)	78.60	19.07
23 11 23 00-0178	EA	72" Length, 3/4" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC24-72)	86.01	20.13
23 11 23 00-0179		**3/4" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft)** *(23 11 23 00-0116)*		
23 11 23 00-0180	EA	12" Length, 3/4" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC25-12)	47.10	15.90
23 11 23 00-0181	EA	18" Length, 3/4" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC25-18)	51.84	16.95
23 11 23 00-0182	EA	24" Length, 3/4" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC25-24)	56.39	16.95
23 11 23 00-0183	EA	30" Length, 3/4" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC25-30)	59.23	18.01
23 11 23 00-0184	EA	36" Length, 3/4" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC25-36)	62.85	18.01
23 11 23 00-0185	EA	48" Length, 3/4" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC25-48)	71.11	19.07
23 11 23 00-0186	EA	60" Length, 3/4" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC25-60)	78.60	19.07
23 11 23 00-0187	EA	72" Length, 3/4" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC25-72)	86.01	20.13
23 11 23 00-0188		**3/4" FIP Elbow x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft)** *(23 11 23 00-0116)*		
23 11 23 00-0189	EA	18" Length, 3/4" FIP Elbow x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC34-18)	57.42	16.95
23 11 23 00-0190	EA	24" Length, 3/4" FIP Elbow x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC34-24)	56.39	16.95
23 11 23 00-0191	EA	30" Length, 3/4" FIP Elbow x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC34-30)	66.34	18.01
23 11 23 00-0192	EA	36" Length, 3/4" FIP Elbow x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC34-36)	70.72	18.01
23 11 23 00-0193	EA	48" Length, 3/4" FIP Elbow x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC34-48)	81.09	19.07

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 11 23 00-0194		1/2" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) *(23 11 23 00-0116)*		
23 11 23 00-0195	EA	12" Length, 1/2" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC44-12)	47.10	15.90
23 11 23 00-0196	EA	18" Length, 1/2" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC44-18)	51.84	16.95
23 11 23 00-0197	EA	24" Length, 1/2" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC44-24)	51.74	16.95
23 11 23 00-0198	EA	30" Length, 1/2" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC44-30)	59.23	18.01
23 11 23 00-0199	EA	36" Length, 1/2" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC44-36)	57.28	18.01
23 11 23 00-0200	EA	48" Length, 1/2" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC44-48)	72.81	19.07
23 11 23 00-0201	EA	60" Length, 1/2" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC44-60)	78.60	19.07
23 11 23 00-0202	EA	72" Length, 1/2" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC44-72)	86.01	20.13
23 11 23 00-0203		1/2" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) *(23 11 23 00-0116)*		
23 11 23 00-0204	EA	12" Length, 1/2" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC54-12)	47.10	15.90
23 11 23 00-0205	EA	18" Length, 1/2" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC54-18)	48.05	16.95
23 11 23 00-0206	EA	24" Length, 1/2" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC54-24)	49.17	16.95
23 11 23 00-0207	EA	30" Length, 1/2" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC54-30)	59.23	18.01
23 11 23 00-0208	EA	36" Length, 1/2" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC54-36)	62.85	18.01
23 11 23 00-0209	EA	48" Length, 1/2" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC54-48)	63.84	19.07
23 11 23 00-0210	EA	60" Length, 1/2" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC54-60)	78.60	19.07
23 11 23 00-0211	EA	72" Length, 1/2" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC54-72)	86.01	20.13
23 11 23 00-0212		1/2" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) *(23 11 23 00-0116)*		
23 11 23 00-0213	EA	12" Length, 1/2" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC55-12)	47.10	15.90
23 11 23 00-0214	EA	18" Length, 1/2" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC55-18)	51.84	16.95
23 11 23 00-0215	EA	24" Length, 1/2" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC55-24)	56.39	16.95
23 11 23 00-0216	EA	30" Length, 1/2" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC55-30)	59.23	18.01
23 11 23 00-0217	EA	36" Length, 1/2" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC55-36)	53.41	18.01
23 11 23 00-0218	EA	48" Length, 1/2" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC55-48)	71.11	19.07
23 11 23 00-0219	EA	60" Length, 1/2" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC55-60)	78.60	19.07
23 11 23 00-0220	EA	72" Length, 1/2" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC55-72)	86.01	20.13
23 11 23 00-0221		3/4" MIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) *(23 11 23 00-0116)*		
23 11 23 00-0222	EA	12" Length, 3/4" MIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC1J-12)	63.08	15.90
23 11 23 00-0223	EA	18" Length, 3/4" MIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC1J-18)	67.79	16.95
23 11 23 00-0224	EA	24" Length, 3/4" MIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC1J-24)	72.34	16.95
23 11 23 00-0225	EA	30" Length, 3/4" MIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC1J-30)	75.15	18.01
23 11 23 00-0226	EA	36" Length, 3/4" MIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC1J-36)	78.93	18.01
23 11 23 00-0227	EA	48" Length, 3/4" MIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC1J-48)	86.69	19.07
23 11 23 00-0228	EA	60" Length, 3/4" MIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC1J-60)	94.82	19.07
23 11 23 00-0229	EA	72" Length, 3/4" MIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC1J-72)	102.25	20.13

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 11 23 00-0230		**3/4" FIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft)** *(23 11 23 00-0116)*		
23 11 23 00-0231	EA	12" Length, 3/4" FIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2J-12)	73.68	21.19
23 11 23 00-0232	EA	18" Length, 3/4" FIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2J-18)	78.39	22.25
23 11 23 00-0233	EA	24" Length, 3/4" FIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2J-24)	82.93	22.25
23 11 23 00-0234	EA	30" Length, 3/4" FIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2J-30)	85.74	23.31
23 11 23 00-0235	EA	36" Length, 3/4" FIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2J-36)	89.52	23.31
23 11 23 00-0236	EA	48" Length, 3/4" FIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2J-48)	97.29	24.37
23 11 23 00-0237	EA	60" Length, 3/4" FIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2J-60)	105.42	24.37
23 11 23 00-0238	EA	72" Length, 3/4" FIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2J-72)	112.85	25.43
23 11 23 00-0239		**3/4" MIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft)** *(23 11 23 00-0116)*		
23 11 23 00-0240	EA	12" Length, 3/4" MIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-12)	73.68	21.19
23 11 23 00-0241	EA	18" Length, 3/4" MIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-18)	78.39	22.25
23 11 23 00-0242	EA	24" Length, 3/4" MIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-24)	82.93	22.25
23 11 23 00-0243	EA	30" Length, 3/4" MIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-30)	85.74	23.31
23 11 23 00-0244	EA	36" Length, 3/4" MIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-36)	89.52	23.31
23 11 23 00-0245	EA	48" Length, 3/4" MIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-48)	97.29	24.37
23 11 23 00-0246	EA	60" Length, 3/4" MIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-60)	105.42	24.37
23 11 23 00-0247	EA	72" Length, 3/4" MIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-72)	112.85	25.43
23 11 23 00-0248		**3/4" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft)** *(23 11 23 00-0116)*		
23 11 23 00-0249	EA	12" Length, 3/4" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-12)	86.67	21.19
23 11 23 00-0250	EA	18" Length, 3/4" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-18)	91.38	22.25
23 11 23 00-0251	EA	24" Length, 3/4" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-24)	95.92	22.25
23 11 23 00-0252	EA	30" Length, 3/4" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-30)	98.73	23.31
23 11 23 00-0253	EA	36" Length, 3/4" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-36)	102.53	23.31
23 11 23 00-0254	EA	48" Length, 3/4" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-48)	110.28	24.37
23 11 23 00-0255	EA	60" Length, 3/4" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-60)	118.42	24.37
23 11 23 00-0256		**3/4" FIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft)** *(23 11 23 00-0116)*		
23 11 23 00-0257	EA	12" Length, 3/4" FIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2P-12)	86.67	21.19
23 11 23 00-0258	EA	18" Length, 3/4" FIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2P-18)	91.38	22.25
23 11 23 00-0259	EA	24" Length, 3/4" FIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2P-24)	95.92	22.25
23 11 23 00-0260	EA	36" Length, 3/4" FIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2P-36)	102.53	23.31
23 11 23 00-0261	EA	48" Length, 3/4" FIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2P-48)	110.28	24.37
23 11 23 00-0262	EA	60" Length, 3/4" FIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2P-60)	118.42	24.37
23 11 23 00-0263		**1/2" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft)** *(23 11 23 00-0116)*		
23 11 23 00-0264	EA	12" Length, 1/2" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4P-12)	86.67	21.19
23 11 23 00-0265	EA	18" Length, 1/2" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4P-18)	91.38	22.25

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 11 23 00-0266	EA	24" Length, 1/2" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4P-24)	95.92	22.25
23 11 23 00-0267	EA	30" Length, 1/2" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4P-30)	98.73	23.31
23 11 23 00-0268	EA	36" Length, 1/2" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4P-36)	102.53	23.31
23 11 23 00-0269	EA	48" Length, 1/2" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4P-48)	110.28	24.37
23 11 23 00-0270	EA	60" Length, 1/2" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4P-60)	118.42	24.37
23 11 23 00-0271	EA	72" Length, 1/2" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4P-72)	125.84	25.43
23 11 23 00-0272		1/2" MIP x 1/2" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) *(23 11 23 00-0116)*		
23 11 23 00-0273	EA	12" Length, 1/2" MIP x 1/2" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4K-12)	70.26	21.19
23 11 23 00-0274	EA	18" Length, 1/2" MIP x 1/2" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4K-18)	74.99	22.25
23 11 23 00-0275	EA	24" Length, 1/2" MIP x 1/2" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4K-24)	79.55	22.25
23 11 23 00-0276	EA	30" Length, 1/2" MIP x 1/2" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4K-30)	82.33	23.31
23 11 23 00-0277	EA	36" Length, 1/2" MIP x 1/2" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4K-36)	86.11	23.31
23 11 23 00-0278	EA	48" Length, 1/2" MIP x 1/2" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4K-48)	93.86	24.37
23 11 23 00-0279	EA	72" Length, 1/2" MIP x 1/2" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4K-72)	109.39	25.43
23 11 23 00-0280		1/2" FIP x 1/2" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) *(23 11 23 00-0116)*		
23 11 23 00-0281	EA	18" Length, 1/2" FIP x 1/2" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC5K-18)	84.23	22.25
23 11 23 00-0282	EA	24" Length, 1/2" FIP x 1/2" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC5K-24)	89.81	22.25
23 11 23 00-0283		Quarter-Turn, Gas Ball Valve *(23 11 23)*		
23 11 23 00-0284	EA	3/8" FIP x FIP, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top™ T-3000 102-102)	42.71	11.28
23 11 23 00-0285	EA	1/2" FIP x FIP, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-103)	42.74	11.51
23 11 23 00-0286	EA	3/4" FIP x FIP, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-104)	61.72	12.66
23 11 23 00-0287	EA	3/8" Flare x 1/2" FIP, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-112)	42.32	11.28
23 11 23 00-0288	EA	1/2" Flare x 1/2" FIP, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-113)	44.61	11.51
23 11 23 00-0289	EA	1/2" Flare x 3/4" FIP, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-118)	50.11	11.51
23 11 23 00-0290	EA	5/8" Flare x 1/2" FIP, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-121)	54.22	12.08
23 11 23 00-0291	EA	5/8" (7/8" -14) Flare x 3/4" FIP, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-114)	57.02	12.08
23 11 23 00-0292	EA	5/8" (15/16" -16) Flare x 3/4" FIP, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-115)	57.02	12.08
23 11 23 00-0293	EA	3/8" Flare x Flare, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-312)	44.41	11.28
23 11 23 00-0294	EA	1/2" Flare x Flare, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-313)	46.70	11.51
23 11 23 00-0295	EA	5/8" Flare x Flare, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-314)	58.49	12.08
23 11 23 00-0296	EA	1/2" FIP x 1/8" Texas Pattern, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-413)	46.98	11.51
23 11 23 00-0297	EA	3/4" FIP x 1/8" Texas Pattern, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-414)	63.30	12.66
23 11 23 00-0298	EA	3/8" (9/16" -24) Flare x 1/2" FIP, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-119)	44.30	11.28
23 11 23 00-0299	EA	3/8" T-Handle, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3001 102-612)	42.04	11.28
23 11 23 00-0300	EA	1/2" T-Handle, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3001 102-613)	42.73	11.51
23 11 23 00-0301	EA	3/4" T-Handle, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3001 102-614)	58.70	12.66
23 11 23 00-0302	EA	1" T-Handle, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3001 102-615)	80.02	14.38
23 11 23 00-0303	EA	1-1/4" T-Handle, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3001 102-616)	115.28	14.95
23 11 23 00-0304	EA	1-1/2" T-Handle, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3001 102-617)	137.17	17.26
23 11 23 00-0305	EA	2" T-Handle, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3001 102-618)	169.60	20.71
23 11 23 00-0306	EA	1/2" Flathead, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3002 102-713)	43.94	11.51
23 11 23 00-0307	EA	3/4" Flathead, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3002 102-714)	58.33	12.66
23 11 23 00-0308		Gas Stops *(23 11 23)*		
23 11 23 00-0309		Brass/Bronze Gas Stops *(23 11 23 00-0308)*		
		Note: Flat or square head		
23 11 23 00-0310	EA	3/8" Threaded, Flat Head, Bronze Gas Valve (A.Y. McDonald 10596)	54.10	11.51
23 11 23 00-0311	EA	1/2" Threaded, Flat Head, Bronze Gas Valve (A.Y. McDonald 10596)	53.98	11.51
23 11 23 00-0312	EA	3/4" Threaded, Flat Head, Bronze Gas Valve (A.Y. McDonald 10596)	70.72	12.66
23 11 23 00-0313	EA	1" Threaded, Flat Head, Bronze Gas Valve (A.Y. McDonald 10596)	100.42	14.38
23 11 23 00-0314	EA	1-1/4" Threaded, Flat Head, Bronze Gas Valve (A.Y. McDonald 10596)	133.98	15.31
23 11 23 00-0315	EA	1-1/2" Threaded, Flat Head, Bronze Gas Valve (A.Y. McDonald 10596)	169.63	17.72

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 11 23 00-0316	EA	2" Threaded, Flat Head, Bronze Gas Valve (A.Y. McDonald 10596)	237.09	20.94
23 11 23 00-0317		**Iron Body Gas Stops** *(23 11 23 00-0308)*		
23 11 23 00-0318	EA	1/2" Threaded, Bronze Flat Head Plug, Iron Body Gas Valve (A.Y. McDonald 10685B)	74.06	11.51
23 11 23 00-0319	EA	3/4" Threaded, Bronze Flat Head Plug, Iron Body Gas Valve (A.Y. McDonald 10685B)	90.47	12.66
23 11 23 00-0320	EA	1" Threaded, Bronze Flat Head Plug, Iron Body Gas Valve (A.Y. McDonald 10685B)	112.33	14.38
23 11 23 00-0321	EA	1-1/4" Threaded, Bronze Flat Head Plug, Iron Body Gas Valve (A.Y. McDonald 10685B)	145.55	15.31
23 11 23 00-0322	EA	1-1/2" Threaded, Bronze Flat Head Plug, Iron Body Gas Valve (A.Y. McDonald 10685B)	184.17	17.72
23 11 23 00-0323	EA	2" Threaded, Bronze Flat Head Plug, Iron Body Gas Valve (A.Y. McDonald 10685B)	240.39	20.94
23 11 23 00-0324	EA	2-1/2" Threaded, Bronze Flat Head Plug, Iron Body Gas Valve (A.Y. McDonald 10685B)	472.62	28.29
23 11 23 00-0325	EA	3" Threaded, Bronze Flat Head Plug, Iron Body Gas Valve (A.Y. McDonald 10685B)	637.00	32.84
23 11 23 00-0326		**Bronze Body Solenoid Valves, 150 PSI Gas** *(23 11 23)*		
23 11 23 00-0327	EA	1/4" Solenoid Valve, Bronze, 150 PSI, Gas	195.84	11.51
23 11 23 00-0328	EA	1/2" Solenoid Valve, Bronze, 150 PSI, Gas	228.54	11.51
23 11 23 00-0329	EA	3/4" Solenoid Valve, Bronze, 150 PSI, Gas	290.74	12.66
23 11 23 00-0330	EA	1" Solenoid Valve, Bronze, 150 PSI, Gas	437.60	14.38
23 11 23 00-0331	EA	1-1/2" Solenoid Valve, Bronze, 150 PSI, Gas	784.58	17.72
23 11 23 00-0332	EA	2" Solenoid Valve, Bronze, 150 PSI, Gas	1,340.01	20.94
23 11 23 00-0333	EA	2-1/2" Solenoid Valve, Bronze, 150 PSI, Gas	1,658.94	28.29
23 11 23 00-0334	EA	3" Solenoid Valve, Bronze, 150 PSI, Gas	2,504.73	32.84

23 11 26 Facility Liquefied-Petroleum Gas Piping *(23 11)*

23 11 26 00-0001 Fiberglass Reinforced Plastic Pipe And Fittings *(23 11 26)*

23 11 26 00-0002 Fiberglass Reinforced Plastic Pipe *(23 11 26 00-0001)*

Note: For double containment fiberglass pipe, select both outer containment pipe size and inner containment pipe size (add modifier for use as inner pipe).

23 11 26 00-0003	LF	2" Fiberglass Reinforced Plastic Pipe	21.70	7.63
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-8.54*	
23 11 26 00-0004	LF	3" Fiberglass Reinforced Plastic Pipe	26.00	9.11
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-10.25*	
23 11 26 00-0005	LF	4" Fiberglass Reinforced Plastic Pipe	34.30	13.46
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-15.10*	
23 11 26 00-0006	LF	5" Fiberglass Reinforced Plastic Pipe	40.35	15.47
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-17.01*	
23 11 26 00-0007	LF	6" Fiberglass Reinforced Plastic Pipe	47.12	17.27
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-19.46*	
23 11 26 00-0008	LF	8" Fiberglass Reinforced Plastic Pipe	65.78	21.31
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-23.93*	
23 11 26 00-0009	LF	10" Fiberglass Reinforced Plastic Pipe	87.47	25.33
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-28.54*	
23 11 26 00-0010	LF	12" Fiberglass Reinforced Plastic Pipe	257.13	31.90
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-35.90*	

23 11 26 00-0011 Fiberglass Reinforced Plastic Fittings *(23 11 26 00-0001)*

23 11 26 00-0012 Fiberglass Reinforced Plastic Flanged 90 Degree Elbows *(23 11 26 00-0011)*

23 11 26 00-0013	EA	2" Fiberglass Reinforced Plastic Flanged 90 Degree Elbow	165.19	75.97
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-85.45*	
23 11 26 00-0014	EA	3" Fiberglass Reinforced Plastic Flanged 90 Degree Elbow	194.82	91.22
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-102.54*	
23 11 26 00-0015	EA	4" Fiberglass Reinforced Plastic Flanged 90 Degree Elbow	233.54	105.95
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-119.12*	
23 11 26 00-0016	EA	5" Fiberglass Reinforced Plastic Flanged 90 Degree Elbow	294.03	126.04
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-139.04*	
23 11 26 00-0017	EA	6" Fiberglass Reinforced Plastic Flanged 90 Degree Elbow	354.57	141.41
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-159.01*	
23 11 26 00-0018	EA	8" Fiberglass Reinforced Plastic Flanged 90 Degree Elbow	508.93	176.71
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-198.76*	
23 11 26 00-0019	EA	10" Fiberglass Reinforced Plastic Flanged 90 Degree Elbow	654.49	212.86
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-239.37*	
23 11 26 00-0020	EA	12" Fiberglass Reinforced Plastic Flanged 90 Degree Elbow	1,888.38	263.95
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-296.82*	

23 11 26 00-0021 Fiberglass Reinforced Plastic Flanged 45 Degree Elbows *(23 11 26 00-0011)*

23 11 26 00-0022	EA	2" Fiberglass Reinforced Plastic Flanged 45 Degree Elbow	165.58	75.97
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-85.45*	
23 11 26 00-0023	EA	3" Fiberglass Reinforced Plastic Flanged 45 Degree Elbow	194.93	91.22
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-102.54*	
23 11 26 00-0024	EA	4" Fiberglass Reinforced Plastic Flanged 45 Degree Elbow	233.90	106.06
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-119.20*	
23 11 26 00-0025	EA	5" Fiberglass Reinforced Plastic Flanged 45 Degree Elbow	294.11	125.98
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-139.07*	
23 11 26 00-0026	EA	6" Fiberglass Reinforced Plastic Flanged 45 Degree Elbow	354.43	141.41
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-159.01*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 11 26 00-0027	EA	8" Fiberglass Reinforced Plastic Flanged 45 Degree Elbow	508.93	176.71
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-198.76*	
23 11 26 00-0028	EA	10" Fiberglass Reinforced Plastic Flanged 45 Degree Elbow	1,424.26	212.86
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-239.37*	
23 11 26 00-0029	EA	12" Fiberglass Reinforced Plastic Flanged 45 Degree Elbow	1,888.38	263.95
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-296.82*	

23 11 26 00-0030 Fiberglass Reinforced Plastic Flanged Tees *(23 11 26 00-0011)*

23 11 26 00-0031	EA	2" Fiberglass Reinforced Plastic Flanged Tee	400.61	114.01
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-128.17*	
23 11 26 00-0032	EA	3" Fiberglass Reinforced Plastic Flanged Tee	498.12	137.31
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-154.37*	
23 11 26 00-0033	EA	4" Fiberglass Reinforced Plastic Flanged Tee	565.02	159.03
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-178.82*	
23 11 26 00-0034	EA	5" Fiberglass Reinforced Plastic Flanged Tee	728.08	188.91
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-208.68*	
23 11 26 00-0035	EA	6" Fiberglass Reinforced Plastic Flanged Tee	892.12	212.86
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-239.37*	
23 11 26 00-0036	EA	8" Fiberglass Reinforced Plastic Flanged Tee	1,124.47	263.95
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-296.82*	
23 11 26 00-0037	EA	10" Fiberglass Reinforced Plastic Flanged Tee	1,860.56	319.29
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-359.06*	
23 11 26 00-0038	EA	12" Fiberglass Reinforced Plastic Flanged Tee	2,509.89	388.20
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-436.49*	

23 11 26 00-0039 Fiberglass Reinforced Plastic Flanged Wyes *(23 11 26 00-0011)*

23 11 26 00-0040	EA	2" Fiberglass Reinforced Plastic Flanged Wye	556.11	114.01
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-128.17*	
23 11 26 00-0041	EA	3" Fiberglass Reinforced Plastic Flanged Wye	720.41	137.10
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-154.16*	
23 11 26 00-0042	EA	4" Fiberglass Reinforced Plastic Flanged Wye	847.71	159.03
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-178.80*	
23 11 26 00-0043	EA	5" Fiberglass Reinforced Plastic Flanged Wye	968.78	188.91
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-208.68*	
23 11 26 00-0044	EA	6" Fiberglass Reinforced Plastic Flanged Wye	1,090.87	212.86
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-239.37*	
23 11 26 00-0045	EA	8" Fiberglass Reinforced Plastic Flanged Wye	1,438.79	263.95
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-296.82*	
23 11 26 00-0046	EA	10" Fiberglass Reinforced Plastic Flanged Wye	2,257.01	319.29
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-359.06*	
23 11 26 00-0047	EA	12" Fiberglass Reinforced Plastic Flanged Wye	2,942.05	388.20
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-436.49*	

23 11 26 00-0048 Fiberglass Reinforced Plastic Flanged Concentric Reducers *(23 11 26 00-0011)*

23 11 26 00-0049	EA	2" Fiberglass Reinforced Plastic Flanged Concentric Reducer	308.59	75.97
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-85.45*	
23 11 26 00-0050	EA	3" Fiberglass Reinforced Plastic Flanged Concentric Reducer	405.09	91.22
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-102.54*	
23 11 26 00-0051	EA	4" Fiberglass Reinforced Plastic Flanged Concentric Reducer	439.97	106.06
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-119.20*	
23 11 26 00-0052	EA	5" Fiberglass Reinforced Plastic Flanged Concentric Reducer	510.20	125.98
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-139.07*	
23 11 26 00-0053	EA	6" Fiberglass Reinforced Plastic Flanged Concentric Reducer	580.46	141.41
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-159.01*	
23 11 26 00-0054	EA	8" Fiberglass Reinforced Plastic Flanged Concentric Reducer	778.59	176.71
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-198.76*	
23 11 26 00-0055	EA	10" Fiberglass Reinforced Plastic Flanged Concentric Reducer	1,002.82	212.86
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-239.37*	
23 11 26 00-0056	EA	12" Fiberglass Reinforced Plastic Flanged Concentric Reducer	1,386.19	263.95
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-296.82*	

23 11 26 00-0057 Fiberglass Reinforced Plastic Bell x Male Or Female Adapters *(23 11 26 00-0011)*

23 11 26 00-0058	EA	2" Fiberglass Reinforced Plastic Bell x Male Or Female Adapter	239.09	75.97
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-85.45*	
23 11 26 00-0059	EA	3" Fiberglass Reinforced Plastic Bell x Male Or Female Adapter	272.38	91.22
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-102.54*	
23 11 26 00-0060	EA	4" Fiberglass Reinforced Plastic Bell x Male Or Female Adapter	307.39	106.06
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-119.20*	
23 11 26 00-0061	EA	4" Fiberglass Reinforced Plastic Bell x Male Or Female Adapter	380.33	125.98
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-139.07*	
23 11 26 00-0062	EA	6" Fiberglass Reinforced Plastic Bell x Male Or Female Adapter	453.38	141.41
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-159.01*	
23 11 26 00-0063	EA	8" Fiberglass Reinforced Plastic Bell x Male Or Female Adapter	428.44	176.71
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-198.76*	
23 11 26 00-0064	EA	10" Fiberglass Reinforced Plastic Bell x Male Or Female Adapter	554.00	212.86
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-239.37*	
23 11 26 00-0065	EA	12" Fiberglass Reinforced Plastic Bell x Male Or Female Adapter	906.40	263.95
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-296.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 11 26 00-0066		**Fiberglass Reinforced Plastic Nipples** *(23 11 26 00-0011)*		
23 11 26 00-0067	EA	2" x 6" Fiberglass Reinforced Plastic Nipple	48.22	9.11
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-10.25*	
23 11 26 00-0068	EA	2" x 12" Fiberglass Reinforced Plastic Nipple	96.38	18.22
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-20.45*	
23 11 26 00-0069	EA	3" x 8" Fiberglass Reinforced Plastic Nipple	172.00	13.98
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-15.74*	
23 11 26 00-0070	EA	3" x 12" Fiberglass Reinforced Plastic Nipple	198.65	19.83
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-22.29*	
23 11 26 00-0071	EA	4" x 8" Fiberglass Reinforced Plastic Nipple	187.57	14.10
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-15.90*	
23 11 26 00-0072	EA	4" x 12" Fiberglass Reinforced Plastic Nipple	223.76	21.20
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-23.84*	
23 11 26 00-0073	EA	6" x 12" Fiberglass Reinforced Plastic Nipple	279.46	23.75
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-26.24*	
23 11 26 00-0074	EA	6" x 12" Fiberglass Reinforced Plastic Nipple	335.11	25.44
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-28.65*	
23 11 26 00-0075	EA	8" x 18" Fiberglass Reinforced Plastic Nipple	168.92	29.69
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-33.39*	
23 11 26 00-0076	EA	8" x 24" Fiberglass Reinforced Plastic Nipple	229.41	42.41
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-47.66*	
23 11 26 00-0077	EA	10" x 18" Fiberglass Reinforced Plastic Nipple	293.66	30.21
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-33.94*	
23 11 26 00-0078	EA	10" x 24" Fiberglass Reinforced Plastic Nipple	440.83	45.16
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-50.83*	
23 11 26 00-0079	EA	12" x 18" Fiberglass Reinforced Plastic Nipple	344.99	31.17
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-35.00*	
23 11 26 00-0080	EA	12" x 24" Fiberglass Reinforced Plastic Nipple	448.44	46.64
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-52.51*	
23 11 26 00-0081		**Fiberglass Reinforced Plastic Sleeve Couplings** *(23 11 26 00-0011)*		
23 11 26 00-0082	EA	2" Fiberglass Reinforced Plastic Sleeve Coupling	145.67	75.97
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-85.45*	
23 11 26 00-0083	EA	3" Fiberglass Reinforced Plastic Sleeve Coupling	175.37	91.22
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-102.54*	
23 11 26 00-0084	EA	4" Fiberglass Reinforced Plastic Sleeve Coupling	202.44	106.06
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-119.20*	
23 11 26 00-0085	EA	5" Fiberglass Reinforced Plastic Sleeve Coupling	245.58	125.98
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-139.07*	
23 11 26 00-0086	EA	6" Fiberglass Reinforced Plastic Sleeve Coupling	288.80	141.41
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-159.01*	
23 11 26 00-0087	EA	8" Fiberglass Reinforced Plastic Sleeve Coupling	377.63	176.71
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-198.76*	
23 11 26 00-0088	EA	10" Fiberglass Reinforced Plastic Sleeve Coupling	490.65	212.86
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-239.37*	
23 11 26 00-0089	EA	12" Fiberglass Reinforced Plastic Sleeve Coupling	597.97	263.95
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-296.82*	
23 11 26 00-0090		**Fiberglass Reinforced Plastic Flanges** *(23 11 26 00-0011)*		
23 11 26 00-0091	EA	2" Fiberglass Reinforced Plastic Flange	149.64	75.97
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-85.45*	
23 11 26 00-0092	EA	3" Fiberglass Reinforced Plastic Flange	180.62	91.22
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-102.54*	
23 11 26 00-0093	EA	4" Fiberglass Reinforced Plastic Flange	218.11	105.90
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-119.05*	
23 11 26 00-0094	EA	5" Fiberglass Reinforced Plastic Flange	265.12	126.04
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-139.13*	
23 11 26 00-0095	EA	6" Fiberglass Reinforced Plastic Flange	311.83	141.41
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-159.01*	
23 11 26 00-0096	EA	8" Fiberglass Reinforced Plastic Flange	389.35	169.18
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-190.27*	
23 11 26 00-0097	EA	10" Fiberglass Reinforced Plastic Flange	526.49	212.86
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-239.37*	
23 11 26 00-0098	EA	12" Fiberglass Reinforced Plastic Flange	741.30	263.95
		For Use As Inner Pipe In Double Wall Pipe System, Deduct	*-296.82*	
23 11 26 00-0099		**Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing And Fittings** *(23 11 26)*		
23 11 26 00-0100		**Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing** *(23 11 26 00-0099)*		
23 11 26 00-0101	LF	2" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing	148.47	32.74
23 11 26 00-0102	LF	3" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing	177.09	38.78
23 11 26 00-0103	LF	4" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing	222.53	57.21
23 11 26 00-0104	LF	6" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing	315.45	74.17
23 11 26 00-0105	LF	8" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing	463.47	91.16
23 11 26 00-0106	LF	10" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing	638.92	108.13

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 11 26 00-0107	LF	12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing	817.13	136.43
23 11 26 00-0108		**Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Fittings** *(23 11 26 00-0099)*		
23 11 26 00-0109		**Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 90 Degree Elbows** *(23 11 26 00-0108)*		
23 11 26 00-0110	EA	2" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 90 Degree Elbow	2,716.26	405.16
23 11 26 00-0111	EA	3" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 90 Degree Elbow	3,119.16	486.32
23 11 26 00-0112	EA	4" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 90 Degree Elbow	3,921.20	565.15
23 11 26 00-0113	EA	6" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 90 Degree Elbow	6,995.39	754.02
23 11 26 00-0114	EA	8" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 90 Degree Elbow	11,448.18	942.71
23 11 26 00-0115	EA	10" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 90 Degree Elbow	15,495.96	1,134.16
23 11 26 00-0116	EA	12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 90 Degree Elbow	20,738.91	1,404.47
23 11 26 00-0117		**Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 45 Degree Elbows** *(23 11 26 00-0108)*		
23 11 26 00-0118	EA	2" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 45 Degree Elbow	2,720.84	405.16
23 11 26 00-0119	EA	3" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 45 Degree Elbow	3,111.11	486.32
23 11 26 00-0120	EA	4" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 45 Degree Elbow	3,914.89	565.15
23 11 26 00-0121	EA	6" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 45 Degree Elbow	6,958.22	754.02
23 11 26 00-0122	EA	8" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 45 Degree Elbow	11,394.36	942.71
23 11 26 00-0123	EA	10" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 45 Degree Elbow	15,422.76	1,134.69
23 11 26 00-0124	EA	12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 45 Degree Elbow	20,643.78	1,407.65
23 11 26 00-0125		**Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Tees** *(23 11 26 00-0108)*		
23 11 26 00-0126	EA	2" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Tee	3,763.57	607.75
23 11 26 00-0127	EA	3" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Tee	4,727.61	732.46
23 11 26 00-0128	EA	4" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Tee	5,326.94	848.15
23 11 26 00-0129	EA	6" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Tee	8,816.19	1,135.22
23 11 26 00-0130	EA	8" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Tee	11,158.63	1,407.65
23 11 26 00-0131	EA	10" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Tee	19,707.48	1,700.86
23 11 26 00-0132	EA	12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Tee	27,029.91	2,062.24
23 11 26 00-0133		**Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Wyes** *(23 11 26 00-0108)*		
23 11 26 00-0134	EA	2" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Wye	5,694.29	607.75
23 11 26 00-0135	EA	3" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Wye	7,489.64	731.61
23 11 26 00-0136	EA	4" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Wye	8,837.20	848.15
23 11 26 00-0137	EA	6" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Wye	11,284.02	1,135.22
23 11 26 00-0138	EA	8" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Wye	15,061.39	1,407.65
23 11 26 00-0139	EA	10" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Wye	24,630.11	1,700.86
23 11 26 00-0140	EA	12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Wye	32,395.86	2,062.24
23 11 26 00-0141		**Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Concentric Reducers** *(23 11 26 00-0108)*		
23 11 26 00-0142	EA	2" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Concentric Reducer	3,024.36	405.16
23 11 26 00-0143	EA	3" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Concentric Reducer	4,061.38	486.32
23 11 26 00-0144	EA	4" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Concentric Reducer	4,336.95	565.15
23 11 26 00-0145	EA	6" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Concentric Reducer	5,705.40	754.02
23 11 26 00-0146	EA	8" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Concentric Reducer	7,790.36	942.71
23 11 26 00-0147	EA	10" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Concentric Reducer	10,189.19	1,134.16
23 11 26 00-0148	EA	12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Concentric Reducer	14,403.47	1,404.47

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 11 26 00-0149		Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Bell x Male Or Female Adapters *(23 11 26 00-0108)*		
23 11 26 00-0150	EA	2" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Bell x Male Or Female Adapter	2,161.49	405.16
23 11 26 00-0151	EA	3" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Bell x Male Or Female Adapter	2,413.51	486.32
23 11 26 00-0152	EA	4" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Bell x Male Or Female Adapter	2,690.67	565.15
23 11 26 00-0153	EA	6" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Bell x Male Or Female Adapter	4,127.46	754.02
23 11 26 00-0154	EA	8" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Bell x Male Or Female Adapter	3,442.66	942.71
23 11 26 00-0155	EA	10" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Bell x Male Or Female Adapter	4,616.31	1,134.16
23 11 26 00-0156	EA	12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Bell x Male Or Female Adapter	8,446.06	1,404.47
23 11 26 00-0157		Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipples *(23 11 26 00-0108)*		
23 11 26 00-0158	EA	2" x 6" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple	501.97	48.63
23 11 26 00-0159	EA	2" x 12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple	1,003.55	97.05
23 11 26 00-0160	EA	3" x 8" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple	1,986.99	74.59
23 11 26 00-0161	EA	3" x 12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple	2,256.03	105.69
23 11 26 00-0162	EA	4" x 8" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple	2,178.87	75.37
23 11 26 00-0163	EA	4" x 12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple	2,553.17	113.11
23 11 26 00-0164	EA	6" x 12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple	3,890.38	135.90
23 11 26 00-0165	EA	8" x 18" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple	1,782.05	158.38
23 11 26 00-0166	EA	8" x 24" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple	2,398.42	226.11
23 11 26 00-0167	EA	10" x 18" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple	3,325.71	160.92
23 11 26 00-0168	EA	10" x 24" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple	4,993.46	241.06
23 11 26 00-0169	EA	12" x 18" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple	3,952.96	166.01
23 11 26 00-0170	EA	12" x 24" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple	5,072.27	249.00
23 11 26 00-0171		Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanges *(23 11 26 00-0108)*		
23 11 26 00-0172	EA	4" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flange	1,583.83	564.59
23 11 26 00-0173	EA	6" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flange	2,369.94	754.02
23 11 26 00-0174	EA	8" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flange	3,037.52	902.54
23 11 26 00-0175	EA	10" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flange	4,274.68	1,134.16
23 11 26 00-0176	EA	12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flange	6,396.18	1,404.47

23 12 Facility Fuel Pumps *(23 10)*

23 12 13 Facility Fuel-Oil Pumps *(23 12)*

23 12 13 00-0001		Cast Iron Internal Gear Rotary Pump *(23 12 13)* Note: Heavy duty type with relief valve, 1150 RPM drip-proof motor, common base plate. For viscosity to 20 centipoise; diesel oil, and light oil.		
23 12 13 00-0002		10 GPM 1" Discharge *(23 12 13 00-0001)*		
23 12 13 00-0003	EA	10 GPM Cast Iron Rotary Pump, 20 PSI 1/2 HP With 1" Discharge	1,472.88	307.80
23 12 13 00-0004	EA	10 GPM Cast Iron Rotary Pump, 40 PSI 3/4 HP With 1" Discharge	1,548.11	372.55
23 12 13 00-0005	EA	10 GPM Cast Iron Rotary Pump, 60 PSI 1 HP With 1" Discharge	1,696.88	442.60
23 12 13 00-0006		25 GPM 1-1/4" Discharge *(23 12 13 00-0001)*		
23 12 13 00-0007	EA	25 GPM Cast Iron Rotary Pump, 20 PSI 1 HP With 1-1/4" Discharge	1,593.60	307.80
23 12 13 00-0008	EA	25 GPM Cast Iron Rotary Pump, 40 PSI 1.5 HP With 1-1/4" Discharge	1,679.28	372.55
23 12 13 00-0009	EA	25 GPM Cast Iron Rotary Pump, 60 PSI 2 HP With 1-1/4" Discharge	1,764.78	442.60
23 12 13 00-0010		Pump, Fuel Oil, 2 Stage 3450 RPM 100 PSI *(23 12 13)*		
23 12 13 00-0011	EA	1/4 HP Pump Fuel Oil/Diesel	1,109.80	172.47
23 12 13 00-0012	EA	1/3 HP Pump Fuel Oil/Diesel	1,303.00	193.18
23 12 13 00-0013	EA	1/2 HP Pump Fuel Oil/Diesel	1,425.64	216.52
23 12 13 00-0014	EA	3/4 HP Pump Fuel Oil/Diesel	1,556.78	244.12
23 12 13 00-0015	EA	1 HP Pump Fuel Oil/Diesel	2,176.32	271.72
23 12 13 00-0016	EA	1-1/2 HP Pump Fuel Oil/Diesel	2,656.47	304.09
23 12 13 00-0017	EA	2 HP Pump Fuel Oil/Diesel	2,944.60	340.70
23 12 13 00-0018	EA	3 HP Pump Fuel Oil/Diesel	3,583.84	381.04
23 12 13 00-0019	EA	5 HP Pump Fuel Oil/Diesel	4,220.42	427.21
23 12 13 00-0020	EA	7.5 HP Pump Fuel Oil/Diesel	4,725.50	479.22
23 12 13 00-0021	EA	10 HP Pump Fuel Oil/Diesel	5,298.09	537.17

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

23 12 23 Facility Natural-Gas Pumps *(23 12)*

23 12 23 00-0001 Natural Gas Booster Pump *(23 12 23)*

23 12 23 00-0002	EA	Natural Gas Booster Pump, 3/4" Outlet Size	1,206.25	159.21
23 12 23 00-0003	EA	Natural Gas Booster Pump, 1" Outlet Size	1,432.63	177.78
23 12 23 00-0004	EA	Natural Gas Booster Pump, 1-1/4" Outlet Size	1,608.61	185.75
23 12 23 00-0005	EA	Natural Gas Booster Pump, 1-1/2" Outlet Size	1,828.27	193.70
23 12 23 00-0006	EA	Natural Gas Booster Pump, 2" Outlet Size	2,071.78	199.01

23 13 Facility Fuel-Storage Tanks *(23 10)*

23 13 13 Facility Underground Fuel-Oil, Storage Tanks *(23 13)*

23 13 13 13 Double-Wall Steel, Underground Fuel-Oil, Storage Tanks *(23 13 13)*

23 13 13 13-0001 Coated Underground Double Wall Storage Tanks *(23 13 13 13)*

Note: Includes setting in place with hold down bars and manway and 4" NPT connections as follows: up to 1000 gallon, 4 each: all others 6 each. Excludes excavation, pad, plastic lining, pumps and piping.

23 13 13 13-0002	EA	250 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	16,794.23	756.52
23 13 13 13-0003	EA	550 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	18,149.50	756.52
23 13 13 13-0004	EA	1,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	26,239.01	945.59
23 13 13 13-0005	EA	2,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	35,889.20	1,846.97
23 13 13 13-0006	EA	3,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	57,191.67	2,374.54
23 13 13 13-0007	EA	4,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	63,706.58	2,727.23
23 13 13 13-0008	EA	5,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	68,716.28	3,605.98
23 13 13 13-0009	EA	6,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	71,046.62	3,871.63
23 13 13 13-0010	EA	8,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	86,722.95	4,573.85
23 13 13 13-0011	EA	10,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	100,439.10	5,275.60
23 13 13 13-0012	EA	12,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	128,561.94	5,801.53
23 13 13 13-0013	EA	14,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	152,393.65	7,043.98
23 13 13 13-0014	EA	15,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	157,395.83	7,475.50
23 13 13 13-0015	EA	20,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	192,903.49	11,857.69
23 13 13 13-0016	EA	25,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	237,004.02	15,376.51
23 13 13 13-0017	EA	30,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	279,288.24	17,593.53
23 13 13 13-0018	EA	40,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	359,510.70	18,913.05
23 13 13 13-0019	EA	48,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	487,556.93	19,398.05

23 13 13 23 Glass-Fiber-Reinforced-Plastic, Underground Fuel-Oil, Storage Tanks *(23 13 13)*

23 13 13 23-0001 Underground Fiberglass Storage Tanks *(23 13 13 23)*

23 13 13 23-0002 Single Wall Fiberglass Underground Storage Tanks *(23 13 13 23-0001)*

Note: Includes setting in place with hold down bars, fittings, bumper pads, flow channels, monitoring fitting, tank bottom deflector gauge plates, manway, anchor straps and 4" NPT tank mounted fitting connections as follows: 550 gallon or 1,000 gallon, 4 each: all others 6 each. Excludes excavation and backfill.

23 13 13 23-0003	EA	550 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	4,336.68	756.52
23 13 13 23-0004	EA	1,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	5,447.73	945.59
23 13 13 23-0005	EA	2,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	7,082.76	1,169.97
23 13 13 23-0006	EA	2,500 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	8,038.57	1,425.07
23 13 13 23-0007	EA	3,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	8,990.40	1,671.39
23 13 13 23-0008	EA	4,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	10,928.40	2,199.19
23 13 13 23-0009	EA	5,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	12,989.58	3,342.77
23 13 13 23-0010	EA	6,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	14,668.39	4,222.45
23 13 13 23-0011	EA	8,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	17,612.71	4,750.26
23 13 13 23-0012	EA	10,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	19,810.76	5,629.93
23 13 13 23-0013	EA	12,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	25,552.98	6,685.55
23 13 13 23-0014	EA	15,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	31,407.10	8,356.93
23 13 13 23-0015	EA	20,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	39,619.31	11,171.90
23 13 13 23-0016	EA	25,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	59,334.50	13,898.89
23 13 13 23-0017	EA	30,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	72,745.68	16,713.86
23 13 13 23-0018	EA	40,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	103,825.73	24,191.12
23 13 13 23-0019	EA	50,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	148,013.83	30,788.69

23 13 13 23-0020 Double Wall Fiberglass Underground Storage Tanks *(23 13 13 23-0001)*

Note: Includes setting in place with hold down bars, fittings, bumper pads, flow channels, monitoring fitting, tank bottom deflector gauge plates, manway, anchor straps and 4" NPT tank mounted fitting connections as follows: 550 gallon or 1,000 gallon, 4 each: all others 6 each. Excludes excavation and backfill.

23 13 13 23-0021	EA	550 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	8,399.03	756.52
23 13 13 23-0022	EA	1,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	11,072.50	945.59
23 13 13 23-0023	EA	2,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	13,275.21	1,143.58
23 13 13 23-0024	EA	3,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	17,251.75	1,671.51
23 13 13 23-0025	EA	4,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	19,361.86	2,199.19
23 13 13 23-0026	EA	5,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	22,260.66	3,342.77
23 13 13 23-0027	EA	6,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	24,765.59	4,222.45
23 13 13 23-0028	EA	8,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	30,463.70	4,750.26
23 13 13 23-0029	EA	10,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	32,661.76	5,629.93
23 13 13 23-0030	EA	12,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	39,551.38	6,685.55
23 13 13 23-0031	EA	15,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	54,412.67	8,356.93
23 13 13 23-0032	EA	20,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	67,386.63	11,171.90

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 13 13 23-0033	EA	30,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	104,184.72	16,713.86
23 13 13 23-0034		**Underground Storage Tank Pump Enclosures** *(23 13 13 23)*		
23 13 13 23-0035	EA	Secondary Containment Collar	4,219.37	
23 13 13 23-0036	EA	Turbine Enclosure With Lid 4' Long x 42" Diameter	4,219.37	
23 13 13 23-0037	EA	Fitting Kit For Turbine Enclosure	843.87	
23 13 13 23-0038	EA	Grommet Kits For Plumbing And Electrical	1,687.75	
23 13 13 23-0039	EA	Turbine Electrical Coupling Kit	2,109.68	
23 13 23		**Facility Aboveground Fuel-Oil, Storage Tanks** *(23 13)*		
23 13 23 13		**Vertical, Steel, Aboveground Fuel-Oil, Storage Tanks** *(23 13 23)*		
23 13 23 13-0001		Vertical Rectangular Double Wall Steel Fuel Day Tank *(23 13 23 13)* Note: Includes day tank with standard equipment, pump, pump control, level control, backup level control, level alarms, alarm outputs.		
23 13 23 13-0002	EA	10 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	1,178.51	138.30
23 13 23 13-0003	EA	15 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	1,265.46	145.21
23 13 23 13-0004	EA	25 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	1,373.61	155.58
23 13 23 13-0005	EA	50 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	1,577.75	165.95
23 13 23 13-0006	EA	60 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	1,759.00	172.87
23 13 23 13-0007	EA	75 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	2,073.77	207.44
23 13 23 13-0008	EA	100 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	2,789.69	242.01
23 13 23 13-0009	EA	150 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	3,529.61	276.58
23 13 23 13-0010	EA	200 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	4,526.67	311.15
23 13 23 13-0011	EA	275 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	5,045.44	345.74
23 13 23 13-0012	EA	300 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	5,774.42	414.88
23 13 23 13-0013	EA	350 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	6,469.11	484.02
23 13 23 13-0014	EA	400 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	7,184.36	553.17
23 13 23 13-0015	EA	450 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	7,972.28	587.75
23 13 23 13-0016	EA	500 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	8,765.34	622.32
23 13 23 13-0017	EA	550 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	9,666.42	656.89
23 13 23 13-0018	EA	600 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	10,454.34	691.46
23 13 23 13-0019	EA	700 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	11,644.85	829.76
23 13 23 13-0020	EA	800 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	12,560.67	898.90
23 13 23 13-0021	EA	900 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	13,787.19	1,037.19
23 13 23 13-0022	EA	1,000 Gallon Double Wall Steel Day Tank (Tramont TRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	15,018.83	1,175.49
23 13 23 13-0023	EA	10 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	1,428.80	138.30
23 13 23 13-0024	EA	15 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	1,517.46	145.21
23 13 23 13-0025	EA	25 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	1,625.61	155.58
23 13 23 13-0026	EA	50 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	1,828.04	165.95
23 13 23 13-0027	EA	60 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	2,009.29	172.87
23 13 23 13-0028	EA	75 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	2,325.78	207.44
23 13 23 13-0029	EA	100 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	3,065.70	242.01
23 13 23 13-0030	EA	150 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	3,805.62	276.58
23 13 23 13-0031	EA	200 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	4,802.68	311.15
23 13 23 13-0032	EA	275 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	5,321.45	345.74
23 13 23 13-0033	EA	300 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	6,050.42	414.88
23 13 23 13-0034	EA	350 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	6,745.11	484.02

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 13 23 13-0035	EA	400 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	7,460.37	553.17
23 13 23 13-0036	EA	450 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	8,248.29	587.75
23 13 23 13-0037	EA	500 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	9,041.35	622.32
23 13 23 13-0038	EA	550 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	9,944.14	656.89
23 13 23 13-0039	EA	600 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	10,732.06	691.46
23 13 23 13-0040	EA	700 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	11,920.85	829.76
23 13 23 13-0041	EA	800 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	12,836.67	898.90
23 13 23 13-0042	EA	900 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	14,063.19	1,037.19
23 13 23 13-0043	EA	1,000 Gallon Double Wall Steel Day Tank (Tramont UTRX) Note: Includes rust-inhibitor coated interior and gray painted exterior.	15,294.84	1,175.49
23 13 23 13-0044	EA	10 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	2,376.82	138.30
23 13 23 13-0045	EA	15 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	2,455.20	145.21
23 13 23 13-0046	EA	25 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	2,525.63	155.58
23 13 23 13-0047	EA	50 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	2,796.63	165.95
23 13 23 13-0048	EA	60 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	2,899.02	172.87
23 13 23 13-0049	EA	75 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	3,203.51	207.44
23 13 23 13-0050	EA	100 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	3,856.00	242.01
23 13 23 13-0051	EA	150 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	4,866.78	276.58
23 13 23 13-0052	EA	200 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	5,472.97	311.15
23 13 23 13-0053	EA	275 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	7,154.06	345.74
23 13 23 13-0054	EA	300 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	8,085.32	414.88
23 13 23 13-0055	EA	350 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	8,646.30	484.02
23 13 23 13-0056	EA	400 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	9,409.55	553.17
23 13 23 13-0057	EA	450 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	10,161.47	587.75
23 13 23 13-0058	EA	500 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	11,153.39	622.32
23 13 23 13-0059	EA	550 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	11,565.89	656.89
23 13 23 13-0060	EA	600 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	11,935.51	691.46
23 13 23 13-0061	EA	700 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	13,652.32	829.76
23 13 23 13-0062	EA	800 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	15,317.29	898.90
23 13 23 13-0063	EA	900 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	17,136.97	1,037.19
23 13 23 13-0064	EA	1,000 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	18,985.77	1,175.49
23 13 23 13-0065	EA	10 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	3,508.27	138.30
23 13 23 13-0066	EA	15 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	3,586.65	145.21
23 13 23 13-0067	EA	25 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	3,657.08	155.58
23 13 23 13-0068	EA	50 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	3,928.08	165.95
23 13 23 13-0069	EA	60 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	4,030.47	172.87
23 13 23 13-0070	EA	75 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	4,334.96	207.44
23 13 23 13-0071	EA	100 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	4,987.45	242.01
23 13 23 13-0072	EA	150 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	5,998.23	276.58
23 13 23 13-0073	EA	200 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	6,679.86	311.15
23 13 23 13-0074	EA	275 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	7,891.21	345.74
23 13 23 13-0075	EA	300 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	8,822.48	414.88
23 13 23 13-0076	EA	350 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	9,385.17	484.02

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 13 23 13-0077	EA	400 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	10,146.71	553.17
23 13 23 13-0078	EA	450 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	10,900.34	587.75
23 13 23 13-0079	EA	500 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	11,890.55	622.32
23 13 23 13-0080	EA	550 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	12,303.04	656.89
23 13 23 13-0081	EA	600 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	12,672.67	691.46
23 13 23 13-0082	EA	700 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	14,389.48	829.76
23 13 23 13-0083	EA	800 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	16,056.17	898.90
23 13 23 13-0084	EA	900 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	17,874.13	1,037.19
23 13 23 13-0085	EA	1,000 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	19,722.92	1,175.49
23 13 23 13-0086	EA	10 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	4,140.85	138.30
23 13 23 13-0087	EA	15 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	4,227.80	145.21
23 13 23 13-0088	EA	25 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	4,299.95	155.58
23 13 23 13-0089	EA	50 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	4,579.52	165.95
23 13 23 13-0090	EA	60 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	4,729.91	172.87
23 13 23 13-0091	EA	75 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	5,006.98	207.44
23 13 23 13-0092	EA	100 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	5,685.18	242.01
23 13 23 13-0093	EA	150 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	6,743.96	276.58
23 13 23 13-0094	EA	200 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	7,372.44	311.15
23 13 23 13-0095	EA	275 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	9,118.67	345.74
23 13 23 13-0096	EA	300 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	10,097.93	414.88
23 13 23 13-0097	EA	350 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	10,605.76	484.02
23 13 23 13-0098	EA	400 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	11,471.88	553.17
23 13 23 13-0099	EA	450 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	12,381.51	587.75
23 13 23 13-0100	EA	500 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	13,296.29	622.32
23 13 23 13-0101	EA	550 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	13,758.50	656.89
23 13 23 13-0102	EA	600 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	14,102.41	691.46
23 13 23 13-0103	EA	700 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	15,896.36	829.76
23 13 23 13-0104	EA	800 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	17,641.91	898.90
23 13 23 13-0105	EA	900 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	19,542.16	1,037.19
23 13 23 13-0106	EA	1,000 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	21,468.10	1,175.49
23 13 23 13-0107	EA	10 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	5,272.31	138.30

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 13 23 13-0108	EA	15 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	5,359.26	145.21
23 13 23 13-0109	EA	25 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	5,431.40	155.58
23 13 23 13-0110	EA	50 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	5,710.97	165.95
23 13 23 13-0111	EA	60 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	5,861.36	172.87
23 13 23 13-0112	EA	75 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	6,135.00	207.44
23 13 23 13-0113	EA	100 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	6,816.63	242.01
23 13 23 13-0114	EA	150 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	7,875.41	276.58
23 13 23 13-0115	EA	200 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	8,503.89	311.15
23 13 23 13-0116	EA	275 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	9,855.82	345.74
23 13 23 13-0117	EA	300 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	10,835.09	414.88
23 13 23 13-0118	EA	350 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	11,514.35	484.02
23 13 23 13-0119	EA	400 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	12,209.03	553.17
23 13 23 13-0120	EA	450 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	13,118.67	587.75
23 13 23 13-0121	EA	500 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	14,033.45	622.32
23 13 23 13-0122	EA	550 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	14,495.66	656.89
23 13 23 13-0123	EA	600 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	14,841.29	691.46
23 13 23 13-0124	EA	700 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	16,633.52	829.76
23 13 23 13-0125	EA	800 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	18,379.07	898.90
23 13 23 13-0126	EA	900 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	20,279.32	1,037.19
23 13 23 13-0127	EA	1,000 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	22,205.26	1,175.49
23 13 23 13-0128	EA	150% Containment Double Wall Open Top Basin For 10 Gallon Tank	1,167.33	138.30
23 13 23 13-0129	EA	150% Containment Double Wall Open Top Basin For 15 Gallon Tank	1,264.84	145.21
23 13 23 13-0130	EA	150% Containment Double Wall Open Top Basin For 25 Gallon Tank	1,372.65	155.58
23 13 23 13-0131	EA	150% Containment Double Wall Open Top Basin For 50 Gallon Tank	1,568.70	165.95
23 13 23 13-0132	EA	150% Containment Double Wall Open Top Basin For 60 Gallon Tank	2,084.85	172.87
23 13 23 13-0133	EA	150% Containment Double Wall Open Top Basin For 75 Gallon Tank	2,142.48	207.44
23 13 23 13-0134	EA	150% Containment Double Wall Open Top Basin For 100 Gallon Tank	2,693.42	242.01
23 13 23 13-0135	EA	150% Containment Double Wall Open Top Basin For 150 Gallon Tank	3,332.60	276.58
23 13 23 13-0136	EA	150% Containment Double Wall Open Top Basin For 200 Gallon Tank	4,376.84	311.15
23 13 23 13-0137	EA	150% Containment Double Wall Open Top Basin For 275 Gallon Tank	5,498.02	345.74
23 13 23 13-0138	EA	150% Containment Double Wall Open Top Basin For 300 Gallon Tank	6,599.90	414.88
23 13 23 13-0139	EA	150% Containment Double Wall Open Top Basin For 350 Gallon Tank	7,093.05	484.02
23 13 23 13-0140	EA	150% Containment Double Wall Open Top Basin For 400 Gallon Tank	7,588.46	553.17
23 13 23 13-0141	EA	150% Containment Double Wall Open Top Basin For 450 Gallon Tank	8,331.74	587.75
23 13 23 13-0142	EA	150% Containment Double Wall Open Top Basin For 500 Gallon Tank	9,077.28	622.32
23 13 23 13-0143	EA	150% Containment Double Wall Open Top Basin For 550 Gallon Tank	9,725.55	656.89
23 13 23 13-0144	EA	150% Containment Double Wall Open Top Basin For 600 Gallon Tank	10,380.56	691.46
23 13 23 13-0145	EA	150% Containment Double Wall Open Top Basin For 700 Gallon Tank	11,747.02	829.76
23 13 23 13-0146	EA	150% Containment Double Wall Open Top Basin For 800 Gallon Tank	13,038.96	898.90
23 13 23 13-0147	EA	150% Containment Double Wall Open Top Basin For 900 Gallon Tank	14,482.38	1,037.19
23 13 23 13-0148	EA	150% Containment Double Wall Open Top Basin For 1,000 Gallon Tank	15,875.99	1,175.49
23 13 23 13-0149	EA	200% Containment Double Wall Open Top Basin For 10 Gallon Tank	1,230.90	145.21
23 13 23 13-0150	EA	200% Containment Double Wall Open Top Basin For 15 Gallon Tank	1,338.96	155.58
23 13 23 13-0151	EA	200% Containment Double Wall Open Top Basin For 25 Gallon Tank	1,451.78	165.95

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 13 23 13-0152	EA	200% Containment Double Wall Open Top Basin For 50 Gallon Tank	1,652.01	172.87
23 13 23 13-0153	EA	200% Containment Double Wall Open Top Basin For 60 Gallon Tank	2,242.30	207.44
23 13 23 13-0154	EA	200% Containment Double Wall Open Top Basin For 75 Gallon Tank	2,299.92	242.01
23 13 23 13-0155	EA	200% Containment Double Wall Open Top Basin For 100 Gallon Tank	2,878.26	276.58
23 13 23 13-0156	EA	200% Containment Double Wall Open Top Basin For 150 Gallon Tank	3,549.75	311.15
23 13 23 13-0157	EA	200% Containment Double Wall Open Top Basin For 200 Gallon Tank	4,648.81	345.74
23 13 23 13-0158	EA	200% Containment Double Wall Open Top Basin For 275 Gallon Tank	5,829.09	380.31
23 13 23 13-0159	EA	200% Containment Double Wall Open Top Basin For 300 Gallon Tank	6,985.76	449.45
23 13 23 13-0160	EA	200% Containment Double Wall Open Top Basin For 350 Gallon Tank	7,499.91	518.59
23 13 23 13-0161	EA	200% Containment Double Wall Open Top Basin For 400 Gallon Tank	8,016.44	587.75
23 13 23 13-0162	EA	200% Containment Double Wall Open Top Basin For 450 Gallon Tank	8,797.81	622.32
23 13 23 13-0163	EA	200% Containment Double Wall Open Top Basin For 500 Gallon Tank	9,581.58	656.89
23 13 23 13-0164	EA	200% Containment Double Wall Open Top Basin For 550 Gallon Tank	10,262.65	691.46
23 13 23 13-0165	EA	200% Containment Double Wall Open Top Basin For 600 Gallon Tank	11,008.48	760.61
23 13 23 13-0166	EA	200% Containment Double Wall Open Top Basin For 700 Gallon Tank	12,438.04	898.90
23 13 23 13-0167	EA	200% Containment Double Wall Open Top Basin For 800 Gallon Tank	13,910.62	1,037.19
23 13 23 13-0168	EA	200% Containment Double Wall Open Top Basin For 900 Gallon Tank	15,421.40	1,175.49
23 13 23 13-0169	EA	200% Containment Double Wall Open Top Basin For 1,000 Gallon Tank	16,879.65	1,313.78
23 13 23 13-0170	EA	150% Containment Double Wall Sealed Top Basin For 10 Gallon Tank	1,346.10	138.30
23 13 23 13-0171	EA	150% Containment Double Wall Sealed Top Basin For 15 Gallon Tank	1,466.24	145.21
23 13 23 13-0172	EA	150% Containment Double Wall Sealed Top Basin For 25 Gallon Tank	1,587.62	155.58
23 13 23 13-0173	EA	150% Containment Double Wall Sealed Top Basin For 50 Gallon Tank	1,828.93	165.95
23 13 23 13-0174	EA	150% Containment Double Wall Sealed Top Basin For 60 Gallon Tank	2,442.39	172.87
23 13 23 13-0175	EA	150% Containment Double Wall Sealed Top Basin For 75 Gallon Tank	2,500.02	207.44
23 13 23 13-0176	EA	150% Containment Double Wall Sealed Top Basin For 100 Gallon Tank	3,132.42	242.01
23 13 23 13-0177	EA	150% Containment Double Wall Sealed Top Basin For 150 Gallon Tank	3,877.96	276.58
23 13 23 13-0178	EA	150% Containment Double Wall Sealed Top Basin For 200 Gallon Tank	5,107.14	311.15
23 13 23 13-0179	EA	150% Containment Double Wall Sealed Top Basin For 275 Gallon Tank	6,484.65	345.74
23 13 23 13-0180	EA	150% Containment Double Wall Sealed Top Basin For 300 Gallon Tank	7,787.92	414.88
23 13 23 13-0181	EA	150% Containment Double Wall Sealed Top Basin For 350 Gallon Tank	8,351.23	484.02
23 13 23 13-0182	EA	150% Containment Double Wall Sealed Top Basin For 400 Gallon Tank	8,919.05	553.17
23 13 23 13-0183	EA	150% Containment Double Wall Sealed Top Basin For 450 Gallon Tank	9,804.89	587.75
23 13 23 13-0184	EA	150% Containment Double Wall Sealed Top Basin For 500 Gallon Tank	10,692.99	622.32
23 13 23 13-0185	EA	150% Containment Double Wall Sealed Top Basin For 550 Gallon Tank	11,447.60	656.89
23 13 23 13-0186	EA	150% Containment Double Wall Sealed Top Basin For 600 Gallon Tank	12,220.30	691.46
23 13 23 13-0187	EA	150% Containment Double Wall Sealed Top Basin For 700 Gallon Tank	13,824.37	829.76
23 13 23 13-0188	EA	150% Containment Double Wall Sealed Top Basin For 800 Gallon Tank	15,356.17	898.90
23 13 23 13-0189	EA	150% Containment Double Wall Sealed Top Basin For 900 Gallon Tank	17,037.19	1,037.19
23 13 23 13-0190	EA	150% Containment Double Wall Sealed Top Basin For 1,000 Gallon Tank	18,668.41	1,175.49
23 13 23 13-0191	EA	200% Containment Double Wall Sealed Top Basin For 10 Gallon Tank	1,419.60	145.21
23 13 23 13-0192	EA	200% Containment Double Wall Sealed Top Basin For 15 Gallon Tank	1,551.54	155.58
23 13 23 13-0193	EA	200% Containment Double Wall Sealed Top Basin For 25 Gallon Tank	1,678.70	165.95
23 13 23 13-0194	EA	200% Containment Double Wall Sealed Top Basin For 50 Gallon Tank	1,926.70	172.87
23 13 23 13-0195	EA	200% Containment Double Wall Sealed Top Basin For 60 Gallon Tank	2,619.71	207.44
23 13 23 13-0196	EA	200% Containment Double Wall Sealed Top Basin For 75 Gallon Tank	2,677.33	242.01
23 13 23 13-0197	EA	200% Containment Double Wall Sealed Top Basin For 100 Gallon Tank	3,341.65	276.58
23 13 23 13-0198	EA	200% Containment Double Wall Sealed Top Basin For 150 Gallon Tank	4,125.41	311.15
23 13 23 13-0199	EA	200% Containment Double Wall Sealed Top Basin For 200 Gallon Tank	5,419.68	345.74
23 13 23 13-0200	EA	200% Containment Double Wall Sealed Top Basin For 275 Gallon Tank	6,870.52	380.31
23 13 23 13-0201	EA	200% Containment Double Wall Sealed Top Basin For 300 Gallon Tank	8,239.79	449.45
23 13 23 13-0202	EA	200% Containment Double Wall Sealed Top Basin For 350 Gallon Tank	8,827.99	518.59
23 13 23 13-0203	EA	200% Containment Double Wall Sealed Top Basin For 400 Gallon Tank	9,420.95	587.75
23 13 23 13-0204	EA	200% Containment Double Wall Sealed Top Basin For 450 Gallon Tank	10,352.80	622.32
23 13 23 13-0205	EA	200% Containment Double Wall Sealed Top Basin For 500 Gallon Tank	11,287.06	656.89
23 13 23 13-0206	EA	200% Containment Double Wall Sealed Top Basin For 550 Gallon Tank	12,080.37	691.46
23 13 23 13-0207	EA	200% Containment Double Wall Sealed Top Basin For 600 Gallon Tank	12,950.43	760.61
23 13 23 13-0208	EA	200% Containment Double Wall Sealed Top Basin For 700 Gallon Tank	14,630.79	898.90
23 13 23 13-0209	EA	200% Containment Double Wall Sealed Top Basin For 800 Gallon Tank	16,356.56	1,037.19
23 13 23 13-0210	EA	200% Containment Double Wall Sealed Top Basin For 900 Gallon Tank	18,118.15	1,175.49
23 13 23 13-0211	EA	200% Containment Double Wall Sealed Top Basin For 1,000 Gallon Tank	19,827.20	1,313.78

23 13 23 16 Horizontal, Steel, Aboveground Fuel-Oil, Storage Tanks *(23 13 23)*

23 13 23 16-0001 Single Wall Aboveground Storage Tanks *(23 13 23 16)*

Note: Includes cradles, supports, coating, fittings, and 4" NPT connections as follows: up to 1000 gallon, 4 each: all others 6 each. Excludes pumps, piping, pad, foundation excavation and backfill.

23 13 23 16-0002	EA	300 Gallon, Steel Storage Tank, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	5,084.48	751.62
23 13 23 16-0003	EA	550 Gallon, Steel Storage Tank, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	6,111.92	909.85
23 13 23 16-0004	EA	1,000 Gallon, Steel Storage Tank, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	8,294.60	1,291.51
23 13 23 16-0005	EA	1,500 Gallon, Steel Storage Tank, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	10,725.45	1,614.38
23 13 23 16-0006	EA	2,000 Gallon, Steel Storage Tank, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	12,854.52	2,161.54
23 13 23 16-0007	EA	3,000 Gallon, Steel Storage Tank, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	19,441.43	2,225.12
23 13 23 16-0008	EA	5,000 Gallon, Steel Storage Tank, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	28,291.91	2,751.05
23 13 23 16-0009	EA	8,000 Gallon, Steel Storage Tank, With 1/4" Shell, Aboveground With Supports, Coating And Fittings	38,886.96	3,152.17
23 13 23 16-0010	EA	10,000 Gallon, Steel Storage Tank, With 1/4" Shell, Aboveground With Supports, Coating And Fittings	46,366.04	3,438.72
23 13 23 16-0011	EA	12,000 Gallon, Steel Storage Tank, With 1/4" Shell, Aboveground With Supports, Coating And Fittings	53,834.34	3,782.61
23 13 23 16-0012	EA	15,000 Gallon, Steel Storage Tank, With 1/4" Shell, Aboveground With Supports, Coating And Fittings	59,594.07	4,202.86
23 13 23 16-0013	EA	20,000 Gallon, Steel Storage Tank, With 1/4" Shell, Aboveground With Supports, Coating And Fittings	74,429.77	5,403.68
23 13 23 16-0014	EA	30,000 Gallon, Steel Storage Tank, With 1/4" Shell, Aboveground With Supports, Coating And Fittings	101,734.39	6,304.35

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 13 23 16-0015		**Double Wall Aboveground Storage Tanks** *(23 13 23 16)* Note: Includes cradles, supports, coating, fittings, and 4" NPT connections as follows: up to 1000 gallon, 4 each: all others 6 each. Excludes pumps, piping, pad, foundation excavation and backfill.		
23 13 23 16-0016	EA	300 Gallon, Steel Storage Tank, Double Wall, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	8,086.73	937.86
23 13 23 16-0017	EA	550 Gallon, Steel Storage Tank, Double Wall, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	9,716.68	1,134.92
23 13 23 16-0018	EA	1,000 Gallon, Steel Storage Tank, Double Wall, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	12,994.46	1,614.38
23 13 23 16-0019	EA	1,500 Gallon, Steel Storage Tank, Double Wall, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	17,046.77	2,017.98
23 13 23 16-0020	EA	2,000 Gallon, Steel Storage Tank, Double Wall, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	21,892.95	2,701.90
23 13 23 16-0021	EA	3,000 Gallon, Steel Storage Tank, Double Wall, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	31,238.11	2,781.30
23 13 23 16-0022	EA	5,000 Gallon, Steel Storage Tank, Double Wall, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	45,730.02	3,426.28
23 13 23 16-0023	EA	8,000 Gallon, Steel Storage Tank, Double Wall, With 1/4" Shell, Aboveground With Supports, Coating And Fittings	63,252.02	3,940.24
23 13 23 16-0024	EA	10,000 Gallon, Steel Storage Tank, Double Wall, With 1/4" Shell, Aboveground With Supports, Coating And Fittings	75,606.62	4,298.45
23 13 23 16-0025	EA	12,000 Gallon, Steel Storage Tank, Double Wall, With 1/4" Shell, Aboveground With Supports, Coating And Fittings	87,909.18	4,728.21
23 13 23 16-0026	EA	15,000 Gallon, Steel Storage Tank, Double Wall, With 1/4" Shell, Aboveground With Supports, Coating And Fittings	97,305.36	5,253.66
23 13 23 16-0027	EA	20,000 Gallon, Steel Storage Tank, Double Wall, With 1/4" Shell, Aboveground With Supports, Coating And Fittings	121,437.56	6,754.63
23 13 23 16-0028	EA	30,000 Gallon, Steel Storage Tank, Double Wall, With 1/4" Shell, Aboveground With Supports, Coating And Fittings	166,627.91	7,880.38
23 13 23 16-0029		**Horizontal Rectangular Double Wall Aboveground Fuel Day Tanks** *(23 13 23 16)* Note: Includes solenoid valve. Excludes piping and concrete pad.		
23 13 23 16-0030	EA	550 Gallon, Double Wall, Aboveground Horizontal Fuel Storage Tank	15,785.37	1,134.92
23 13 23 16-0031	EA	750 Gallon, Double Wall, Aboveground Horizontal Fuel Storage Tank	16,726.96	1,331.86
23 13 23 16-0032	EA	1,000 Gallon, Double Wall, Aboveground Horizontal Fuel Storage Tank	18,793.13	1,614.38
23 13 23 16-0033	EA	1,500 Gallon, Double Wall, Aboveground Horizontal Fuel Storage Tank	22,483.61	2,017.98
23 13 23 16-0034	EA	2,000 Gallon, Double Wall, Aboveground Horizontal Fuel Storage Tank Note: Includes 2" solenoid valve.	28,761.51	2,701.90
23 13 23 19		**Containment-Dike, Steel, Aboveground Fuel-Oil, Storage Tanks** *(23 13 23)*		
23 13 23 19-0001		**Secondary Containment For Above Ground Tanks** *(23 13 23 19)*		
23 13 23 19-0002	EA	Steel Dike For 550 Gallon Tank, Uncoated	6,625.50	
23 13 23 19-0003	EA	Steel Dike For 1,000 Gallon Tank, Uncoated	8,003.74	
23 13 23 19-0004	EA	Steel Dike For 2,000 Gallon Tank, Uncoated	17,540.48	
23 13 23 19-0005	EA	Steel Dike For 3,000 Gallon Tank, Uncoated	19,184.44	
23 13 23 19-0006	EA	Steel Dike For 5,000 Gallon Tank, Uncoated	27,290.79	
23 13 23 19-0007	EA	Steel Dike For 6,000 Gallon Tank, Uncoated	30,576.21	
23 13 23 19-0008	EA	Steel Dike For 8,000 Gallon Tank, Uncoated	40,378.65	
23 13 23 19-0009	EA	Steel Dike For 10,000 Gallon Tank, Uncoated	47,374.24	
23 13 23 19-0010	EA	Steel Dike For 12,000 Gallon Tank, Uncoated	53,838.25	
23 13 23 19-0011	EA	Steel Dike For 15,000 Gallon Tank, Uncoated	65,549.56	
23 13 23 19-0012	EA	Steel Dike For 20,000 Gallon Tank, Uncoated	83,936.13	
23 13 23 26		**Concrete-Vaulted, Steel, Aboveground Fuel-Oil, Storage Tanks** *(23 13 23)*		
23 13 23 26-0001		**Aboveground Concrete Vaulted Storage Tanks** *(23 13 23 26)* Note: Includes setting in place with stand, NPT openings for an emergency vent, regular vent, gauge, fill with an internal 5 gallon minimum overfill containment, supply and return and leak detection. All tanks that are 2000 gallon and larger shall have a ladder for access. Excludes excavation, pad, pumps and piping.		
23 13 23 26-0002	EA	500 Gallon Concrete Vaulted Storage Tank	36,544.04	1,636.08
		For Low Profile Tanks, Add	*13,704.46*	
23 13 23 26-0003	EA	1,000 Gallon Concrete Vaulted Storage Tank	46,100.77	1,846.97
		For Low Profile Tanks, Add	*17,409.44*	
23 13 23 26-0004	EA	2,000 Gallon Concrete Vaulted Storage Tank	82,173.69	2,199.19
		For Low Profile Tanks, Add	*31,642.02*	
23 13 23 26-0005	EA	4,000 Gallon Concrete Vaulted Storage Tank	129,714.87	4,837.16
23 13 23 26-0006	EA	5,000 Gallon Concrete Vaulted Storage Tank	148,295.61	5,282.99
23 13 23 26-0007	EA	6,000 Gallon Concrete Vaulted Storage Tank	166,968.82	5,705.23
23 13 23 26-0008	EA	8,000 Gallon Concrete Vaulted Storage Tank	185,619.01	6,190.93
23 13 23 26-0009	EA	10,000 Gallon Concrete Vaulted Storage Tank	204,261.64	6,589.95
23 13 33		**Facility Fuel-Oil, Storage Tank Accessories** *(23 13)*		
23 13 33 00-0001		**EPA Requirements** *(23 13 33)*		
23 13 33 00-0002	EA	Fill Pipe Spill Containment Manhole (5 Gallon)	2,510.32	
23 13 33 00-0003	EA	Over-Fill Prevention Valve	1,420.20	
23 13 33 00-0004	EA	Tank Manway With Cover, Fiberglass	5,208.15	
23 13 33 00-0005	EA	Tank Manway With Cover, Steel	6,491.31	
23 13 33 00-0006	EA	Vent Fill Alarm (Whistle Vent)	230.04	
23 13 33 00-0007	EA	Reservoir Sensor, Liquid Level	754.02	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 13 33 00-0008	EA	Manhole Spill Containment	2,775.42	267.61
23 13 33 00-0009	EA	Fill Adapter, 4"	480.27	178.44
23 13 33 00-0010	EA	Fill Cap, 4"	340.37	66.90
23 13 33 00-0011	EA	2" Vent Cap	194.07	44.64
23 13 33 00-0012	EA	4" x 2" Extractor Fitting	855.90	66.90
23 13 33 00-0013	EA	Float Vent Valve	407.85	133.81
23 13 33 00-0014	EA	Vapor Hose Adapter	760.17	89.17
23 13 33 00-0015	EA	Dust Cap	303.87	48.70
23 13 33 00-0016	EA	1" Double Poppet Foot Valve	466.32	76.43
23 13 33 00-0017	EA	10' Wood Gage Stick	43.31	
23 13 33 00-0018	EA	1-1/4" Tank Filled Breather, NPT	313.13	
23 13 33 00-0019	EA	1-1/2" Tank Filled Breather, Bayonet	440.51	
23 13 33 00-0020	EA	2" Cast Iron Combination Fill Cap And Vent	93.03	
23 13 33 00-0021	EA	3" Cast Iron Combination Fill Cap And Vent	128.11	
23 13 33 00-0022	EA	4" Cast Iron Combination Fill Cap And Vent	206.07	
23 13 33 00-0023	EA	Pressure And Vacuum Control Vent	2,120.05	
23 13 33 00-0024	EA	1/4 HP Fuel/Diesel Pump Set	1,886.24	
23 13 33 00-0025	EA	1/3 HP Fuel/Diesel Pump Set	2,234.41	
23 13 33 00-0026	EA	1/2 HP Fuel/Diesel Pump Set	2,433.63	
23 13 33 00-0027	EA	3/4 HP Fuel/Diesel Pump Set	2,666.30	
23 13 33 00-0028	EA	1 HP Fuel/Diesel Pump Set	3,836.55	
23 13 33 00-0029	EA	1-1/2 HP Fuel/Diesel Pump Set	4,746.01	
23 13 33 00-0030	EA	2 HP Fuel/Diesel Pump Set	5,253.21	
23 13 33 00-0031	EA	3 HP Fuel/Diesel Pump Set	6,466.65	
23 13 33 00-0032	EA	5 HP Fuel/Diesel Pump Set	7,661.77	
23 13 33 00-0033	EA	7.5 HP Fuel/Diesel Pump Set	8,576.26	
23 13 33 00-0034	EA	10 HP Fuel/Diesel Pump Set	9,909.79	

23 13 33 00-0035 Tank Bulkhead Fittings *(23 13 33)*

23 13 33 00-0036 Tank Bulkhead Fittings *(23 13 33 00-0035)*

23 13 33 00-0037 Polyvinyl Chloride (PVC) Tank Bulkhead Fittings, Socket x Threaded Connection *(23 13 33 00-0036)*

23 13 33 00-0038	EA	1/2" Polyvinyl Chloride (PVC) Bulkhead Fitting, Socket x Thread	66.58	
23 13 33 00-0039	EA	3/4" Polyvinyl Chloride (PVC) Bulkhead Fitting, Socket x Thread	74.63	
23 13 33 00-0040	EA	1" Polyvinyl Chloride (PVC) Bulkhead Fitting, Socket x Thread	82.10	
23 13 33 00-0041	EA	1-1/4" Polyvinyl Chloride (PVC) Bulkhead Fitting, Socket x Thread	101.62	
23 13 33 00-0042	EA	1-1/2" Polyvinyl Chloride (PVC) Bulkhead Fitting, Socket x Thread	103.91	
23 13 33 00-0043	EA	2" Polyvinyl Chloride (PVC) Bulkhead Fitting, Socket x Thread	142.11	
23 13 33 00-0044	EA	3" Polyvinyl Chloride (PVC) Bulkhead Fitting, Socket x Thread	237.10	
23 13 33 00-0045	EA	4" Polyvinyl Chloride (PVC) Bulkhead Fitting, Socket x Thread	433.06	

23 13 33 00-0046 Polyvinyl Chloride (PVC) Tank Bulkhead Fittings, Thread x Threaded Connection *(23 13 33 00-0036)*

23 13 33 00-0047	EA	1/2" Polyvinyl Chloride (PVC) Bulkhead Fitting, Thread x Thread	80.15	
23 13 33 00-0048	EA	3/4" Polyvinyl Chloride (PVC) Bulkhead Fitting, Thread x Thread	88.14	
23 13 33 00-0049	EA	1" Polyvinyl Chloride (PVC) Bulkhead Fitting, Thread x Thread	96.16	
23 13 33 00-0050	EA	1-1/4" Polyvinyl Chloride (PVC) Bulkhead Fitting, Thread x Thread	123.45	
23 13 33 00-0051	EA	1-1/2" Polyvinyl Chloride (PVC) Bulkhead Fitting, Thread x Thread	131.48	
23 13 33 00-0052	EA	2" Polyvinyl Chloride (PVC) Bulkhead Fitting, Thread x Thread	167.09	
23 13 33 00-0053	EA	3" Polyvinyl Chloride (PVC) Bulkhead Fitting, Thread x Thread	270.41	
23 13 33 00-0054	EA	4" Polyvinyl Chloride (PVC) Bulkhead Fitting, Thread x Thread	480.37	

23 13 33 00-0055 Chlorinated Polyvinyl Chloride (CPVC) Tank Bulkhead Fittings, Socket x Threaded Connection *(23 13 33 00-0036)*

23 13 33 00-0056	EA	1/2" Chlorinated Polyvinyl Chloride (CPVC) Bulkhead Fitting, Socket x Thread	83.24	
23 13 33 00-0057	EA	3/4" Chlorinated Polyvinyl Chloride (CPVC) Bulkhead Fitting, Socket x Thread	97.02	
23 13 33 00-0058	EA	1" Chlorinated Polyvinyl Chloride (CPVC) Bulkhead Fitting, Socket x Thread	110.22	
23 13 33 00-0059	EA	1-1/2" Chlorinated Polyvinyl Chloride (CPVC) Bulkhead Fitting, Socket x Thread	144.99	
23 13 33 00-0060	EA	2" Chlorinated Polyvinyl Chloride (CPVC) Bulkhead Fitting, Socket x Thread	195.16	
23 13 33 00-0061	EA	3" Chlorinated Polyvinyl Chloride (CPVC) Bulkhead Fitting, Socket x Thread	315.68	
23 13 33 00-0062	EA	4" Chlorinated Polyvinyl Chloride (CPVC) Bulkhead Fitting, Socket x Thread	508.50	

23 13 33 00-0063 Polypropylene Tank Bulkhead Fitting Thread x Threaded Connection *(23 13 33 00-0036)*

23 13 33 00-0064	EA	1/2" Polypropylene Bulkhead Fitting, Thread x Thread	100.44	
23 13 33 00-0065	EA	3/4" Polypropylene Bulkhead Fitting, Thread x Thread	119.90	
23 13 33 00-0066	EA	1" Polypropylene Bulkhead Fitting, Thread x Thread	150.26	
23 13 33 00-0067	EA	1-1/4" Polypropylene Bulkhead Fitting, Thread x Thread	185.88	
23 13 33 00-0068	EA	1-1/2" Polypropylene Bulkhead Fitting, Thread x Thread	188.17	
23 13 33 00-0069	EA	2" Polypropylene Bulkhead Fitting, Thread x Thread	277.88	
23 13 33 00-0070	EA	3" Polypropylene Bulkhead Fitting, Thread x Thread	515.41	
23 13 33 00-0071	EA	4" Polypropylene Bulkhead Fitting, Thread x Thread	940.28	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

23 13 33 00-0072 Polyethylene Tank Bulkhead Fittings Thread x Threaded Connection *(23 13 33 00-0036)*

23 13 33 00-0073	EA	3/4" Polyethylene Bulkhead Fitting, Thread x Thread	84.50	
23 13 33 00-0074	EA	1" Polyethylene Bulkhead Fitting, Thread x Thread	112.65	
23 13 33 00-0075	EA	1-1/4" Polyethylene Bulkhead Fitting, Thread x Thread	114.96	
23 13 33 00-0076	EA	1-1/2" Polyethylene Bulkhead Fitting, Thread x Thread	117.25	
23 13 33 00-0077	EA	2" Polyethylene Bulkhead Fitting, Thread x Thread	171.23	
23 13 33 00-0078	EA	3" Polyethylene Bulkhead Fitting, Thread x Thread	220.62	

23 13 33 00-0079 TFE Teflon Tank Bulkhead Fittings, Thread x Threaded Connection *(23 13 33 00-0036)*

23 13 33 00-0080	EA	1/8" TFE Teflon Bulkhead Fitting, Thread x Thread	430.40	
23 13 33 00-0081	EA	1/4" TFE Teflon Bulkhead Fitting, Thread x Thread	492.14	
23 13 33 00-0082	EA	3/8" TFE Teflon Bulkhead Fitting, Thread x Thread	607.66	
23 13 33 00-0083	EA	1/2" TFE Teflon Bulkhead Fitting, Thread x Thread	702.28	
23 13 33 00-0084	EA	3/4" TFE Teflon Bulkhead Fitting, Thread x Thread	809.97	
23 13 33 00-0085	EA	1" TFE Teflon Bulkhead Fitting, Thread x Thread	1,023.35	
23 13 33 00-0086	EA	1-1/2" TFE Teflon Bulkhead Fitting, Thread x Thread	1,331.91	
23 13 33 00-0087	EA	2" TFE Teflon Bulkhead Fitting, Thread x Thread	1,472.30	

23 13 33 00-0088 Self-Aligning Bulkhead Fittings *(23 13 33 00-0035)*

23 13 33 00-0089	EA	3/4" Self-Aligning Polyvinyl Chloride (PVC) Bulkhead Fitting	435.76	
23 13 33 00-0090	EA	1" Self-Aligning Polyvinyl Chloride (PVC) Bulkhead Fitting	434.58	
23 13 33 00-0091	EA	1-1/2" Self-Aligning Polyvinyl Chloride (PVC) Bulkhead Fitting	640.07	
23 13 33 00-0092	EA	2" Self-Aligning Polyvinyl Chloride (PVC) Bulkhead Fitting	652.14	
23 13 33 00-0093	EA	3" Self-Aligning Polyvinyl Chloride (PVC) Bulkhead Fitting	886.98	

23 20 HVAC Piping and Pumps *(23)*

Note: The demolition price for only the length of pipe (LF) shall be used for lengths (LF) of pipe removal which exclude the fittings, valves, and insulation. The demolition price for individual fittings, valves, and insulation shall not be used in conjunction with pipe (LF) demolition tasks.

23 21 Hydronic Piping and Pumps *(23 20)*

23 21 13 Hydronic Piping *(23 21)*

Note: The demolition price for only the length of pipe (LF) shall be used for lengths (LF) of pipe removal which exclude the fittings, valves, and insulation. The demolition price for individual fittings, valves, and insulation shall not be used in conjunction with pipe (LF) demolition tasks.

23 21 13 23 Aboveground Hydronic Piping *(23 21 13)*

23 21 13 23-0001 Threaded Black Steel Pipe *(23 21 13 23)*

23 21 13 23-0002 Threaded Black Steel Pipe Assemblies *(23 21 13 23-0001)*

Note: ASTM A-53 pipe and A-105 fittings. Threaded and coupled. Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available. Includes cutting and threading to length where necessary.

23 21 13 23-0003	LF	1/2" Schedule 40 Threaded Black Steel Pipe With 150 LB Malleable Iron Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	23.01	4.24
		For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	*5.95*	
		For Work In Restricted Working Space, Add	*4.38*	
23 21 13 23-0004	LF	3/4" Schedule 40 Threaded Black Steel Pipe With 150 LB Malleable Iron Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	25.58	4.55
		For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	*6.77*	
		For Work In Restricted Working Space, Add	*4.58*	
23 21 13 23-0005	LF	1" Schedule 40 Threaded Black Steel Pipe With 150 LB Malleable Iron Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	28.87	4.98
		For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	*7.82*	
		For Work In Restricted Working Space, Add	*4.83*	
23 21 13 23-0006	LF	1-1/4" Schedule 40 Threaded Black Steel Pipe With 150 LB Malleable Iron Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	35.40	5.19
		For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	*9.97*	
		For Work In Restricted Working Space, Add	*5.21*	
23 21 13 23-0007	LF	1-1/2" Schedule 40 Threaded Black Steel Pipe With 150 LB Malleable Iron Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	38.23	6.15
		For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	*10.95*	
		For Work In Restricted Working Space, Add	*5.28*	
23 21 13 23-0008	LF	2" Schedule 40 Threaded Black Steel Pipe With 150 LB Malleable Iron Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	46.29	7.41
		For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	*13.49*	
		For Work In Restricted Working Space, Add	*5.95*	
23 21 13 23-0009	LF	2-1/2" Schedule 40 Threaded Black Steel Pipe With 150 LB Malleable Iron Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	68.52	8.79
		For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	*20.73*	
		For Work In Restricted Working Space, Add	*7.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0010	LF	3" Schedule 40 Threaded Black Steel Pipe With 150 LB Malleable Iron Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	87.63	11.76
		For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	*26.72*	
		For Work In Restricted Working Space, Add	*9.04*	
23 21 13 23-0011	LF	4" Schedule 40 Threaded Black Steel Pipe With 150 LB Malleable Iron Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	127.04	14.10
		For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	*40.30*	
		For Work In Restricted Working Space, Add	*10.19*	
23 21 13 23-0012	LF	5" Schedule 40 Threaded Black Steel Pipe With 150 LB Malleable Iron Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	197.54	18.02
		For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	*64.64*	
		For Work In Restricted Working Space, Add	*12.14*	
23 21 13 23-0013	LF	6" Schedule 40 Threaded Black Steel Pipe With 150 LB Malleable Iron Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	239.91	21.31
		For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	*79.03*	
		For Work In Restricted Working Space, Add	*13.75*	
23 21 13 23-0014		**Threaded Black Steel Pipe And Fittings** *(23 21 13 23-0001)* Note: ASTM A-53 pipe and A-105 fittings. Threaded and coupled, schedule 40. Excludes hangers, elbow, tee, or reducer fittings.		
23 21 13 23-0015		**Threaded And Coupled, Black Steel Piping** *(23 21 13 23-0014)* Note: ASTM A-53. Includes coupling. Includes cutting and threading to length where necessary.		
23 21 13 23-0016	LF	3/8" Schedule 40, Threaded And Coupled, Black Steel Pipe	8.71	2.65
		For Schedule 80 Pipe, Add	*2.05*	
		For Work In Restricted Working Space, Add	*1.61*	
23 21 13 23-0017	LF	1/2" Schedule 40, Threaded And Coupled, Black Steel Pipe	12.03	4.24
		For Schedule 80 Pipe, Add	*3.17*	
		For Work In Restricted Working Space, Add	*1.93*	
23 21 13 23-0018	LF	3/4" Schedule 40, Threaded And Coupled, Black Steel Pipe	14.10	4.55
		For Schedule 80 Pipe, Add	*3.95*	
		For Work In Restricted Working Space, Add	*2.05*	
23 21 13 23-0019	LF	1" Schedule 40, Threaded And Coupled, Black Steel Pipe	17.09	4.98
		For Schedule 80 Pipe, Add	*5.10*	
		For Work In Restricted Working Space, Add	*2.22*	
23 21 13 23-0020	LF	1-1/4" Schedule 40, Threaded And Coupled, Black Steel Pipe	20.81	5.19
		For Schedule 80 Pipe, Add	*6.62*	
		For Work In Restricted Working Space, Add	*2.36*	
23 21 13 23-0021	LF	1-1/2" Schedule 40, Threaded And Coupled, Black Steel Pipe	24.73	6.15
		For Schedule 80 Pipe, Add	*7.90*	
		For Work In Restricted Working Space, Add	*2.77*	
23 21 13 23-0022	LF	2" Schedule 40, Threaded And Coupled, Black Steel Pipe	31.46	7.41
		For Schedule 80 Pipe, Add	*10.25*	
		For Work In Restricted Working Space, Add	*3.35*	
23 21 13 23-0023	LF	2-1/2" Schedule 40, Threaded And Coupled, Black Steel Pipe	45.32	8.79
		For Schedule 80 Pipe, Add	*15.76*	
		For Work In Restricted Working Space, Add	*3.98*	
23 21 13 23-0024	LF	3" Schedule 40, Threaded And Coupled, Black Steel Pipe	59.68	11.76
		For Schedule 80 Pipe, Add	*20.68*	
		For Work In Restricted Working Space, Add	*5.30*	
23 21 13 23-0025	LF	4" Schedule 40, Threaded And Coupled, Black Steel Pipe	83.99	14.10
		For Schedule 80 Pipe, Add	*30.38*	
		For Work In Restricted Working Space, Add	*6.36*	
23 21 13 23-0026	LF	5" Schedule 40, Threaded And Coupled, Black Steel Pipe	110.42	18.02
		For Schedule 80 Pipe, Add	*40.25*	
		For Work In Restricted Working Space, Add	*8.09*	
23 21 13 23-0027	LF	6" Schedule 40, Threaded And Coupled, Black Steel Pipe	141.95	21.31
		For Schedule 80 Pipe, Add	*52.71*	
		For Work In Restricted Working Space, Add	*9.57*	
23 21 13 23-0028	LF	8" Schedule 40, Threaded And Coupled, Black Steel Pipe	201.77	25.76
		For Schedule 80 Pipe, Add	*77.30*	
		For Work In Restricted Working Space, Add	*11.57*	
23 21 13 23-0029	LF	10" Schedule 40, Threaded And Coupled, Black Steel Pipe	278.13	31.38
		For Schedule 80 Pipe, Add	*108.67*	
		For Work In Restricted Working Space, Add	*14.13*	
23 21 13 23-0030	LF	12" Schedule 40, Threaded And Coupled, Black Steel Pipe	372.46	41.24
		For Schedule 80 Pipe, Add	*145.96*	
		For Work In Restricted Working Space, Add	*18.55*	
23 21 13 23-0031		**Black Malleable Iron 90 Degree Elbows** *(23 21 13 23-0014)*		
23 21 13 23-0032	EA	3/8", 150 LB, Black Malleable Iron 90 Degree Elbow	30.71	15.69
		For 300 LB Rating, Add	*18.62*	
		For Standard Weight Cast Iron Fittings, Add	*0.11*	
		For Work In Restricted Working Space, Add	*7.06*	
23 21 13 23-0033	EA	1/2", 150 LB, Black Malleable Iron 90 Degree Elbow	33.23	18.86
		For 300 LB Rating, Add	*13.62*	
		For Standard Weight Cast Iron Fittings, Add	*0.08*	
		For Work In Restricted Working Space, Add	*8.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0034	EA	3/4", 150 LB, Black Malleable Iron 90 Degree Elbow	37.61	21.09
		For 300 LB Rating, Add	*16.27*	
		For Standard Weight Cast Iron Fittings, Add	*0.10*	
		For Work In Restricted Working Space, Add	*9.49*	
23 21 13 23-0035	EA	1", 150 LB, Black Malleable Iron 90 Degree Elbow	45.73	23.52
		For 300 LB Rating, Add	*27.10*	
		For Standard Weight Cast Iron Fittings, Add	*0.17*	
		For Work In Restricted Working Space, Add	*10.60*	
23 21 13 23-0036	EA	1-1/4", 150 LB, Black Malleable Iron 90 Degree Elbow	57.14	26.70
		For 300 LB Rating, Add	*43.58*	
		For Standard Weight Cast Iron Fittings, Add	*0.27*	
		For Work In Restricted Working Space, Add	*11.99*	
23 21 13 23-0037	EA	1-1/2", 150 LB, Black Malleable Iron 90 Degree Elbow	67.66	30.09
		For 300 LB Rating, Add	*56.90*	
		For Standard Weight Cast Iron Fittings, Add	*0.36*	
		For Work In Restricted Working Space, Add	*13.52*	
23 21 13 23-0038	EA	2", 150 LB, Black Malleable Iron 90 Degree Elbow	96.21	38.25
		For 300 LB Rating, Add	*96.89*	
		For Standard Weight Cast Iron Fittings, Add	*0.62*	
		For Work In Restricted Working Space, Add	*17.18*	
23 21 13 23-0039	EA	2-1/2", 150 LB, Black Malleable Iron 90 Degree Elbow	171.51	56.58
		For 300 LB Rating, Add	*213.29*	
		For Standard Weight Cast Iron Fittings, Add	*1.39*	
		For Work In Restricted Working Space, Add	*25.43*	
23 21 13 23-0040	EA	3", 150 LB, Black Malleable Iron 90 Degree Elbow	238.47	74.38
		For 300 LB Rating, Add	*311.35*	
		For Standard Weight Cast Iron Fittings, Add	*2.03*	
		For Work In Restricted Working Space, Add	*33.46*	
23 21 13 23-0041	EA	4", 150 LB, Black Malleable Iron 90 Degree Elbow	396.33	82.47
		For 300 LB Rating, Add	*661.80*	
		For Standard Weight Cast Iron Fittings, Add	*4.36*	
		For Work In Restricted Working Space, Add	*37.10*	
23 21 13 23-0042	EA	5", 150 LB, Black Malleable Iron 90 Degree Elbow	925.78	86.07
		For 300 LB Rating, Add	*1,919.90*	
		For Standard Weight Cast Iron Fittings, Add	*12.75*	
		For Work In Restricted Working Space, Add	*38.72*	
23 21 13 23-0043	EA	6", 150 LB, Black Malleable Iron 90 Degree Elbow	1,055.25	90.00
		For 300 LB Rating, Add	*2,216.89*	
		For Standard Weight Cast Iron Fittings, Add	*14.73*	
		For Work In Restricted Working Space, Add	*40.48*	

23 21 13 23-0044 Black Malleable Iron Reducing 90 Degree Elbows *(23 21 13 23-0014)*

23 21 13 23-0045	EA	1/2" x 3/8", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow	35.35	17.27
		For 300 LB Rating, Add	*24.26*	
		For Standard Weight Cast Iron Fittings, Add	*0.15*	
		For Work In Restricted Working Space, Add	*7.77*	
23 21 13 23-0046	EA	3/4" x 1/2", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow	39.68	19.92
		For 300 LB Rating, Add	*25.17*	
		For Standard Weight Cast Iron Fittings, Add	*0.16*	
		For Work In Restricted Working Space, Add	*8.98*	
23 21 13 23-0047	EA	3/4" x 3/8", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow	41.20	18.44
		For 300 LB Rating, Add	*34.32*	
		For Standard Weight Cast Iron Fittings, Add	*0.22*	
		For Work In Restricted Working Space, Add	*8.28*	
23 21 13 23-0048	EA	1" x 3/4", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow	45.98	22.35
		For 300 LB Rating, Add	*32.03*	
		For Standard Weight Cast Iron Fittings, Add	*0.20*	
		For Work In Restricted Working Space, Add	*10.04*	
23 21 13 23-0049	EA	1" x 1/2", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow	45.28	21.19
		For 300 LB Rating, Add	*34.31*	
		For Standard Weight Cast Iron Fittings, Add	*0.22*	
		For Work In Restricted Working Space, Add	*9.53*	
23 21 13 23-0050	EA	1" x 3/8", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow	56.00	19.60
		For 300 LB Rating, Add	*65.51*	
		For Standard Weight Cast Iron Fittings, Add	*0.42*	
		For Work In Restricted Working Space, Add	*8.83*	
23 21 13 23-0051	EA	1-1/4" x 1", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow	58.67	25.11
		For 300 LB Rating, Add	*52.71*	
		For Standard Weight Cast Iron Fittings, Add	*0.34*	
		For Work In Restricted Working Space, Add	*11.30*	
23 21 13 23-0052	EA	1-1/4" x 3/4", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow	59.26	23.84
		For 300 LB Rating, Add	*58.45*	
		For Standard Weight Cast Iron Fittings, Add	*0.38*	
		For Work In Restricted Working Space, Add	*10.74*	
23 21 13 23-0053	EA	1-1/4" x 1/2", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow	61.52	22.78
		For 300 LB Rating, Add	*67.81*	
		For Standard Weight Cast Iron Fittings, Add	*0.44*	
		For Work In Restricted Working Space, Add	*10.24*	
23 21 13 23-0054	EA	1-1/2" x 1-1/4", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow	72.18	28.40
		For 300 LB Rating, Add	*73.71*	
		For Standard Weight Cast Iron Fittings, Add	*0.47*	
		For Work In Restricted Working Space, Add	*12.76*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0055	EA	1-1/2" x 1", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow	69.85	26.81
		For 300 LB Rating, Add	*73.57*	
		For Standard Weight Cast Iron Fittings, Add	*0.47*	
		For Work In Restricted Working Space, Add	*12.06*	
23 21 13 23-0056	EA	1-1/2" x 3/4", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow	72.29	25.54
		For 300 LB Rating, Add	*83.76*	
		For Standard Weight Cast Iron Fittings, Add	*0.54*	
		For Work In Restricted Working Space, Add	*11.51*	
23 21 13 23-0057	EA	2" x 1-1/2", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow	94.14	34.12
		For 300 LB Rating, Add	*106.17*	
		For Standard Weight Cast Iron Fittings, Add	*0.69*	
		For Work In Restricted Working Space, Add	*15.35*	
23 21 13 23-0058	EA	2" x 1-1/4", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow	97.45	32.42
		For 300 LB Rating, Add	*120.11*	
		For Standard Weight Cast Iron Fittings, Add	*0.78*	
		For Work In Restricted Working Space, Add	*14.59*	
23 21 13 23-0059	EA	2" x 1", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow	95.12	30.84
		For 300 LB Rating, Add	*119.97*	
		For Standard Weight Cast Iron Fittings, Add	*0.78*	
		For Work In Restricted Working Space, Add	*13.89*	
23 21 13 23-0060	EA	2" x 3/4", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow	96.22	29.67
		For 300 LB Rating, Add	*126.92*	
		For Standard Weight Cast Iron Fittings, Add	*0.83*	
		For Work In Restricted Working Space, Add	*13.34*	
23 21 13 23-0061	EA	2-1/2" x 2", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow	188.93	47.36
		For 300 LB Rating, Add	*287.25*	
		For Standard Weight Cast Iron Fittings, Add	*1.89*	
		For Work In Restricted Working Space, Add	*21.31*	
23 21 13 23-0062	EA	2-1/2" x 1-1/2", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow	189.78	43.34
		For 300 LB Rating, Add	*303.54*	
		For Standard Weight Cast Iron Fittings, Add	*2.00*	
		For Work In Restricted Working Space, Add	*19.48*	
23 21 13 23-0063	EA	3" x 2-1/2", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow	318.80	65.48
		For 300 LB Rating, Add	*535.47*	
		For Standard Weight Cast Iron Fittings, Add	*3.53*	
		For Work In Restricted Working Space, Add	*29.44*	
23 21 13 23-0064	EA	3" x 2", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow	275.02	56.26
		For 300 LB Rating, Add	*462.55*	
		For Standard Weight Cast Iron Fittings, Add	*3.05*	
		For Work In Restricted Working Space, Add	*25.32*	
23 21 13 23-0065	EA	4" x 3", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow	494.75	78.44
		For 300 LB Rating, Add	*912.15*	
		For Standard Weight Cast Iron Fittings, Add	*6.03*	
		For Work In Restricted Working Space, Add	*35.29*	

23 21 13 23-0066 Black Malleable Iron 45 Degree Elbows *(23 21 13 23-0014)*

23 21 13 23-0067	EA	3/8", 150 LB, Black Malleable Iron 45 Degree Elbow	34.34	15.69
		For 300 LB Rating, Add	*27.33*	
		For Standard Weight Cast Iron Fittings, Add	*0.17*	
		For Work In Restricted Working Space, Add	*7.06*	
23 21 13 23-0068	EA	1/2", 150 LB, Black Malleable Iron 45 Degree Elbow	36.47	18.86
		For 300 LB Rating, Add	*21.40*	
		For Standard Weight Cast Iron Fittings, Add	*0.13*	
		For Work In Restricted Working Space, Add	*8.48*	
23 21 13 23-0069	EA	3/4", 150 LB, Black Malleable Iron 45 Degree Elbow	41.77	21.09
		For 300 LB Rating, Add	*26.26*	
		For Standard Weight Cast Iron Fittings, Add	*0.16*	
		For Work In Restricted Working Space, Add	*9.49*	
23 21 13 23-0070	EA	1", 150 LB, Black Malleable Iron 45 Degree Elbow	48.09	23.52
		For 300 LB Rating, Add	*32.77*	
		For Standard Weight Cast Iron Fittings, Add	*0.20*	
		For Work In Restricted Working Space, Add	*10.60*	
23 21 13 23-0071	EA	1-1/4", 150 LB, Black Malleable Iron 45 Degree Elbow	62.58	26.70
		For 300 LB Rating, Add	*56.64*	
		For Standard Weight Cast Iron Fittings, Add	*0.36*	
		For Work In Restricted Working Space, Add	*11.99*	
23 21 13 23-0072	EA	1-1/2", 150 LB, Black Malleable Iron 45 Degree Elbow	73.04	30.09
		For 300 LB Rating, Add	*69.81*	
		For Standard Weight Cast Iron Fittings, Add	*0.45*	
		For Work In Restricted Working Space, Add	*13.52*	
23 21 13 23-0073	EA	2", 150 LB, Black Malleable Iron 45 Degree Elbow	99.55	38.25
		For 300 LB Rating, Add	*104.91*	
		For Standard Weight Cast Iron Fittings, Add	*0.68*	
		For Work In Restricted Working Space, Add	*17.18*	
23 21 13 23-0074	EA	2-1/2", 150 LB, Black Malleable Iron 45 Degree Elbow	207.08	56.58
		For 300 LB Rating, Add	*298.65*	
		For Standard Weight Cast Iron Fittings, Add	*1.96*	
		For Work In Restricted Working Space, Add	*25.43*	
23 21 13 23-0075	EA	3", 150 LB, Black Malleable Iron 45 Degree Elbow	270.41	74.38
		For 300 LB Rating, Add	*388.00*	
		For Standard Weight Cast Iron Fittings, Add	*2.54*	
		For Work In Restricted Working Space, Add	*33.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0076	EA	4", 150 LB, Black Malleable Iron 45 Degree Elbow	435.23	82.47
		For 300 LB Rating, Add	*755.16*	
		For Standard Weight Cast Iron Fittings, Add	*4.98*	
		For Work In Restricted Working Space, Add	*37.10*	
23 21 13 23-0077	EA	5", 150 LB, Black Malleable Iron 45 Degree Elbow	1,359.73	86.07
		For 300 LB Rating, Add	*2,961.38*	
		For Standard Weight Cast Iron Fittings, Add	*19.69*	
		For Work In Restricted Working Space, Add	*38.72*	
23 21 13 23-0078	EA	6", 150 LB, Black Malleable Iron 45 Degree Elbow	1,394.05	90.00
		For 300 LB Rating, Add	*3,030.01*	
		For Standard Weight Cast Iron Fittings, Add	*20.15*	
		For Work In Restricted Working Space, Add	*40.48*	
23 21 13 23-0079		**Black Malleable Iron Tees** *(23 21 13 23-0014)*		
23 21 13 23-0080	EA	3/8", 150 LB, Black Malleable Iron Tee	39.84	19.39
		For 300 LB Rating, Add	*26.75*	
		For Standard Weight Cast Iron Fittings, Add	*0.17*	
		For Work In Restricted Working Space, Add	*8.83*	
23 21 13 23-0081	EA	1/2", 150 LB, Black Malleable Iron Tee	41.97	23.52
		For 300 LB Rating, Add	*18.08*	
		For Standard Weight Cast Iron Fittings, Add	*0.11*	
		For Work In Restricted Working Space, Add	*10.60*	
23 21 13 23-0082	EA	3/4", 150 LB, Black Malleable Iron Tee	50.28	27.23
		For 300 LB Rating, Add	*25.32*	
		For Standard Weight Cast Iron Fittings, Add	*0.15*	
		For Work In Restricted Working Space, Add	*12.23*	
23 21 13 23-0083	EA	1", 150 LB, Black Malleable Iron Tee	64.49	32.11
		For 300 LB Rating, Add	*42.08*	
		For Standard Weight Cast Iron Fittings, Add	*0.26*	
		For Work In Restricted Working Space, Add	*14.45*	
23 21 13 23-0084	EA	1-1/4", 150 LB, Black Malleable Iron Tee	83.70	38.25
		For 300 LB Rating, Add	*66.87*	
		For Standard Weight Cast Iron Fittings, Add	*0.42*	
		For Work In Restricted Working Space, Add	*17.18*	
23 21 13 23-0085	EA	1-1/2", 150 LB, Black Malleable Iron Tee	101.22	45.56
		For 300 LB Rating, Add	*82.99*	
		For Standard Weight Cast Iron Fittings, Add	*0.53*	
		For Work In Restricted Working Space, Add	*20.51*	
23 21 13 23-0086	EA	2", 150 LB, Black Malleable Iron Tee	140.79	56.58
		For 300 LB Rating, Add	*139.56*	
		For Standard Weight Cast Iron Fittings, Add	*0.90*	
		For Work In Restricted Working Space, Add	*25.43*	
23 21 13 23-0087	EA	2-1/2", 150 LB, Black Malleable Iron Tee	232.32	74.38
		For 300 LB Rating, Add	*296.59*	
		For Standard Weight Cast Iron Fittings, Add	*1.93*	
		For Work In Restricted Working Space, Add	*33.46*	
23 21 13 23-0088	EA	3", 150 LB, Black Malleable Iron Tee	310.37	88.36
		For 300 LB Rating, Add	*434.96*	
		For Standard Weight Cast Iron Fittings, Add	*2.85*	
		For Work In Restricted Working Space, Add	*39.74*	
23 21 13 23-0089	EA	4", 150 LB, Black Malleable Iron Tee	586.27	104.21
		For 300 LB Rating, Add	*1,041.49*	
		For Standard Weight Cast Iron Fittings, Add	*6.88*	
		For Work In Restricted Working Space, Add	*46.87*	
23 21 13 23-0090	EA	5", 150 LB, Black Malleable Iron Tee	1,488.70	123.71
		For 300 LB Rating, Add	*3,138.79*	
		For Standard Weight Cast Iron Fittings, Add	*20.85*	
		For Work In Restricted Working Space, Add	*55.65*	
23 21 13 23-0091	EA	6", 150 LB, Black Malleable Iron Tee	1,610.57	141.41
		For 300 LB Rating, Add	*3,369.26*	
		For Standard Weight Cast Iron Fittings, Add	*22.38*	
		For Work In Restricted Working Space, Add	*63.60*	
23 21 13 23-0092		**Black Malleable Iron Reducing Tees** *(23 21 13 23-0014)*		
23 21 13 23-0093	EA	1/2", 150 LB, Black Malleable Iron Reducing Tee	46.62	23.52
		For 300 LB Rating, Add	*29.24*	
		For Standard Weight Cast Iron Fittings, Add	*0.18*	
		For Work In Restricted Working Space, Add	*10.60*	
23 21 13 23-0094	EA	3/4", 150 LB, Black Malleable Iron Reducing Tee	55.49	27.23
		For 300 LB Rating, Add	*37.82*	
		For Standard Weight Cast Iron Fittings, Add	*0.24*	
		For Work In Restricted Working Space, Add	*12.23*	
23 21 13 23-0095	EA	1", 150 LB, Black Malleable Iron Reducing Tee	66.76	32.11
		For 300 LB Rating, Add	*47.53*	
		For Standard Weight Cast Iron Fittings, Add	*0.30*	
		For Work In Restricted Working Space, Add	*14.45*	
23 21 13 23-0096	EA	1-1/4", 150 LB, Black Malleable Iron Reducing Tee	93.83	38.25
		For 300 LB Rating, Add	*91.18*	
		For Standard Weight Cast Iron Fittings, Add	*0.58*	
		For Work In Restricted Working Space, Add	*17.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0097	EA	1-1/2", 150 LB, Black Malleable Iron Reducing Tee	108.86	45.56
		For 300 LB Rating, Add	*101.33*	
		For Standard Weight Cast Iron Fittings, Add	*0.65*	
		For Work In Restricted Working Space, Add	*20.51*	
23 21 13 23-0098	EA	2", 150 LB, Black Malleable Iron Reducing Tee	143.57	56.58
		For 300 LB Rating, Add	*146.23*	
		For Standard Weight Cast Iron Fittings, Add	*0.94*	
		For Work In Restricted Working Space, Add	*25.43*	
23 21 13 23-0099	EA	2-1/2", 150 LB, Black Malleable Iron Reducing Tee	294.76	74.38
		For 300 LB Rating, Add	*446.44*	
		For Standard Weight Cast Iron Fittings, Add	*2.93*	
		For Work In Restricted Working Space, Add	*33.46*	
23 21 13 23-0100	EA	3", 150 LB, Black Malleable Iron Reducing Tee	342.32	88.36
		For 300 LB Rating, Add	*511.64*	
		For Standard Weight Cast Iron Fittings, Add	*3.36*	
		For Work In Restricted Working Space, Add	*39.74*	
23 21 13 23-0101	EA	4", 150 LB, Black Malleable Iron Reducing Tee	665.20	104.21
		For 300 LB Rating, Add	*1,230.93*	
		For Standard Weight Cast Iron Fittings, Add	*8.14*	
		For Work In Restricted Working Space, Add	*46.87*	
23 21 13 23-0102	EA	5", 150 LB, Black Malleable Iron Reducing Tee	1,366.06	123.71
		For 300 LB Rating, Add	*2,844.45*	
		For Standard Weight Cast Iron Fittings, Add	*18.89*	
		For Work In Restricted Working Space, Add	*55.65*	
23 21 13 23-0103	EA	6", 150 LB, Black Malleable Iron Reducing Tee	1,551.03	141.41
		For 300 LB Rating, Add	*3,226.37*	
		For Standard Weight Cast Iron Fittings, Add	*21.42*	
		For Work In Restricted Working Space, Add	*63.60*	

23 21 13 23-0104 Black Malleable Iron Couplings *(23 21 13 23-0014)*

23 21 13 23-0105	EA	3/8", 150 LB, Black Malleable Iron Coupling	32.46	15.69
		For 300 LB Rating, Add	*22.82*	
		For Standard Weight Cast Iron Fittings, Add	*0.14*	
		For Work In Restricted Working Space, Add	*7.06*	
23 21 13 23-0106	EA	1/2", 150 LB, Black Malleable Iron Coupling	35.13	18.86
		For 300 LB Rating, Add	*18.18*	
		For Standard Weight Cast Iron Fittings, Add	*0.11*	
		For Work In Restricted Working Space, Add	*8.48*	
23 21 13 23-0107	EA	3/4", 150 LB, Black Malleable Iron Coupling	39.66	21.09
		For 300 LB Rating, Add	*21.19*	
		For Standard Weight Cast Iron Fittings, Add	*0.13*	
		For Work In Restricted Working Space, Add	*9.49*	
23 21 13 23-0108	EA	1", 150 LB, Black Malleable Iron Coupling	47.36	23.52
		For 300 LB Rating, Add	*31.02*	
		For Standard Weight Cast Iron Fittings, Add	*0.19*	
		For Work In Restricted Working Space, Add	*10.60*	
23 21 13 23-0109	EA	1-1/4", 150 LB, Black Malleable Iron Coupling	55.58	26.70
		For 300 LB Rating, Add	*39.84*	
		For Standard Weight Cast Iron Fittings, Add	*0.25*	
		For Work In Restricted Working Space, Add	*11.99*	
23 21 13 23-0110	EA	1-1/2", 150 LB, Black Malleable Iron Coupling	66.15	30.09
		For 300 LB Rating, Add	*53.27*	
		For Standard Weight Cast Iron Fittings, Add	*0.34*	
		For Work In Restricted Working Space, Add	*13.52*	
23 21 13 23-0111	EA	2", 150 LB, Black Malleable Iron Coupling	88.51	38.25
		For 300 LB Rating, Add	*78.41*	
		For Standard Weight Cast Iron Fittings, Add	*0.50*	
		For Work In Restricted Working Space, Add	*17.18*	
23 21 13 23-0112	EA	2-1/2", 150 LB, Black Malleable Iron Coupling	170.95	56.58
		For 300 LB Rating, Add	*211.94*	
		For Standard Weight Cast Iron Fittings, Add	*1.38*	
		For Work In Restricted Working Space, Add	*25.43*	
23 21 13 23-0113	EA	3", 150 LB, Black Malleable Iron Coupling	228.06	74.38
		For 300 LB Rating, Add	*286.36*	
		For Standard Weight Cast Iron Fittings, Add	*1.86*	
		For Work In Restricted Working Space, Add	*33.46*	
23 21 13 23-0114	EA	4", 150 LB, Black Malleable Iron Coupling	358.35	82.47
		For 300 LB Rating, Add	*570.65*	
		For Standard Weight Cast Iron Fittings, Add	*3.75*	
		For Work In Restricted Working Space, Add	*37.10*	
23 21 13 23-0115	EA	5", 150 LB, Black Malleable Iron Coupling	789.87	86.07
		For 300 LB Rating, Add	*1,593.71*	
		For Standard Weight Cast Iron Fittings, Add	*10.57*	
		For Work In Restricted Working Space, Add	*38.72*	
23 21 13 23-0116	EA	6", 150 LB, Black Malleable Iron Coupling	887.75	90.00
		For 300 LB Rating, Add	*1,814.89*	
		For Standard Weight Cast Iron Fittings, Add	*12.05*	
		For Work In Restricted Working Space, Add	*40.48*	

23 21 13 23-0117 Black Malleable Iron Reducing Couplings *(23 21 13 23-0014)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0118	EA	1/2", 150 LB, Black Malleable Iron Reducing Coupling	36.79	18.86
		For 300 LB Rating, Add	*22.17*	
		For Standard Weight Cast Iron Fittings, Add	*0.14*	
		For Work In Restricted Working Space, Add	*8.48*	
23 21 13 23-0119	EA	3/4", 150 LB, Black Malleable Iron Reducing Coupling	40.65	21.09
		For 300 LB Rating, Add	*23.57*	
		For Standard Weight Cast Iron Fittings, Add	*0.14*	
		For Work In Restricted Working Space, Add	*9.49*	
23 21 13 23-0120	EA	1", 150 LB, Black Malleable Iron Reducing Coupling	49.37	23.52
		For 300 LB Rating, Add	*35.84*	
		For Standard Weight Cast Iron Fittings, Add	*0.22*	
		For Work In Restricted Working Space, Add	*10.60*	
23 21 13 23-0121	EA	1-1/4", 150 LB, Black Malleable Iron Reducing Coupling	58.06	26.70
		For 300 LB Rating, Add	*45.79*	
		For Standard Weight Cast Iron Fittings, Add	*0.29*	
		For Work In Restricted Working Space, Add	*11.99*	
23 21 13 23-0122	EA	1-1/2", 150 LB, Black Malleable Iron Reducing Coupling	67.92	30.09
		For 300 LB Rating, Add	*57.52*	
		For Standard Weight Cast Iron Fittings, Add	*0.37*	
		For Work In Restricted Working Space, Add	*13.52*	
23 21 13 23-0123	EA	2", 150 LB, Black Malleable Iron Reducing Coupling	90.37	38.25
		For 300 LB Rating, Add	*82.88*	
		For Standard Weight Cast Iron Fittings, Add	*0.53*	
		For Work In Restricted Working Space, Add	*17.18*	
23 21 13 23-0124	EA	2-1/2", 150 LB, Black Malleable Iron Reducing Coupling	182.58	56.58
		For 300 LB Rating, Add	*239.85*	
		For Standard Weight Cast Iron Fittings, Add	*1.57*	
		For Work In Restricted Working Space, Add	*25.43*	
23 21 13 23-0125	EA	3", 150 LB, Black Malleable Iron Reducing Coupling	230.44	74.38
		For 300 LB Rating, Add	*292.08*	
		For Standard Weight Cast Iron Fittings, Add	*1.90*	
		For Work In Restricted Working Space, Add	*33.46*	
23 21 13 23-0126	EA	4", 150 LB, Black Malleable Iron Reducing Coupling	362.02	82.47
		For 300 LB Rating, Add	*579.46*	
		For Standard Weight Cast Iron Fittings, Add	*3.81*	
		For Work In Restricted Working Space, Add	*37.10*	
23 21 13 23-0127	EA	5", 150 LB, Black Malleable Iron Reducing Coupling	664.78	86.07
		For 300 LB Rating, Add	*1,293.50*	
		For Standard Weight Cast Iron Fittings, Add	*8.57*	
		For Work In Restricted Working Space, Add	*38.72*	
23 21 13 23-0128	EA	6", 150 LB, Black Malleable Iron Reducing Coupling	823.01	90.00
		For 300 LB Rating, Add	*1,659.51*	
		For Standard Weight Cast Iron Fittings, Add	*11.01*	
		For Work In Restricted Working Space, Add	*40.48*	

23 21 13 23-0129 Black Malleable Iron Caps *(23 21 13 23-0014)*

23 21 13 23-0130	EA	1/2", 150 LB, Black Malleable Iron Cap	17.74	8.37
		For 300 LB Rating, Add	*12.83*	
		For Standard Weight Cast Iron Fittings, Add	*0.08*	
		For Work In Restricted Working Space, Add	*3.81*	
23 21 13 23-0131	EA	3/4", 150 LB, Black Malleable Iron Cap	21.01	9.43
		For 300 LB Rating, Add	*17.15*	
		For Standard Weight Cast Iron Fittings, Add	*0.11*	
		For Work In Restricted Working Space, Add	*4.27*	
23 21 13 23-0132	EA	1", 150 LB, Black Malleable Iron Cap	24.13	10.49
		For 300 LB Rating, Add	*20.71*	
		For Standard Weight Cast Iron Fittings, Add	*0.13*	
		For Work In Restricted Working Space, Add	*4.77*	
23 21 13 23-0133	EA	1-1/4", 150 LB, Black Malleable Iron Cap	28.82	11.87
		For 300 LB Rating, Add	*27.07*	
		For Standard Weight Cast Iron Fittings, Add	*0.17*	
		For Work In Restricted Working Space, Add	*5.40*	
23 21 13 23-0134	EA	1-1/2", 150 LB, Black Malleable Iron Cap	35.18	13.35
		For 300 LB Rating, Add	*36.95*	
		For Standard Weight Cast Iron Fittings, Add	*0.24*	
		For Work In Restricted Working Space, Add	*6.09*	
23 21 13 23-0135	EA	2", 150 LB, Black Malleable Iron Cap	47.51	17.06
		For 300 LB Rating, Add	*53.72*	
		For Standard Weight Cast Iron Fittings, Add	*0.35*	
		For Work In Restricted Working Space, Add	*7.73*	
23 21 13 23-0136	EA	2-1/2", 150 LB, Black Malleable Iron Cap	88.03	25.22
		For 300 LB Rating, Add	*122.02*	
		For Standard Weight Cast Iron Fittings, Add	*0.80*	
		For Work In Restricted Working Space, Add	*11.44*	
23 21 13 23-0137	EA	3", 150 LB, Black Malleable Iron Cap	123.76	33.16
		For 300 LB Rating, Add	*179.58*	
		For Standard Weight Cast Iron Fittings, Add	*1.18*	
		For Work In Restricted Working Space, Add	*15.06*	
23 21 13 23-0138	EA	4", 150 LB, Black Malleable Iron Cap	181.80	36.78
		For 300 LB Rating, Add	*306.10*	
		For Standard Weight Cast Iron Fittings, Add	*2.02*	
		For Work In Restricted Working Space, Add	*16.70*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0139	EA	5", 150 LB, Black Malleable Iron Cap	358.74	38.37
		For 300 LB Rating, Add	*725.09*	
		For Standard Weight Cast Iron Fittings, Add	*4.81*	
		For Work In Restricted Working Space, Add	*17.42*	
23 21 13 23-0140	EA	6", 150 LB, Black Malleable Iron Cap	611.87	40.07
		For 300 LB Rating, Add	*1,326.43*	
		For Standard Weight Cast Iron Fittings, Add	*8.82*	
		For Work In Restricted Working Space, Add	*18.21*	
23 21 13 23-0141		**Black Malleable Iron Unions** *(23 21 13 23-0014)*		
23 21 13 23-0142	EA	3/8", 150 LB, Black Malleable Iron Union	47.63	15.69
		For Work In Restricted Working Space, Add	*7.06*	
23 21 13 23-0143	EA	1/2", 150 LB, Black Malleable Iron Union	57.12	23.52
		For Work In Restricted Working Space, Add	*10.60*	
23 21 13 23-0144	EA	3/4", 150 LB, Black Malleable Iron Union	65.81	27.23
		For Work In Restricted Working Space, Add	*12.23*	
23 21 13 23-0145	EA	1", 150 LB, Black Malleable Iron Union	80.83	32.11
		For Work In Restricted Working Space, Add	*14.45*	
23 21 13 23-0146	EA	1-1/4", 150 LB, Black Malleable Iron Union	104.12	38.25
		For Work In Restricted Working Space, Add	*17.18*	
23 21 13 23-0147	EA	1-1/2", 150 LB, Black Malleable Iron Union	126.76	45.56
		For Work In Restricted Working Space, Add	*20.51*	
23 21 13 23-0148	EA	2", 150 LB, Black Malleable Iron Union	152.69	56.58
		For Work In Restricted Working Space, Add	*25.43*	
23 21 13 23-0149	EA	2-1/2", 150 LB, Black Malleable Iron Union	327.49	83.38
		For Work In Restricted Working Space, Add	*37.54*	
23 21 13 23-0150	EA	3", 150 LB, Black Malleable Iron Union	408.26	109.66
		For Work In Restricted Working Space, Add	*49.39*	
23 21 13 23-0151	EA	3/8", 250 LB, Black Malleable Iron Union	55.37	15.69
		For Work In Restricted Working Space, Add	*7.06*	
23 21 13 23-0152	EA	1/2", 250 LB, Black Malleable Iron Union	71.83	23.52
		For Work In Restricted Working Space, Add	*10.59*	
23 21 13 23-0153	EA	3/4", 250 LB, Black Malleable Iron Union	76.68	27.23
		For Work In Restricted Working Space, Add	*12.23*	
23 21 13 23-0154	EA	1", 250 LB, Black Malleable Iron Union	92.23	32.11
		For Work In Restricted Working Space, Add	*14.45*	
23 21 13 23-0155	EA	1-1/4", 250 LB, Black Malleable Iron Union	131.23	38.25
		For Work In Restricted Working Space, Add	*17.18*	
23 21 13 23-0156	EA	1-1/2", 250 LB, Black Malleable Iron Union	153.51	45.56
		For Work In Restricted Working Space, Add	*20.51*	
23 21 13 23-0157	EA	2", 250 LB, Black Malleable Iron Union	193.99	56.58
		For Work In Restricted Working Space, Add	*25.43*	
23 21 13 23-0158	EA	2-1/2", 250 LB, Black Malleable Iron Union	467.52	83.38
		For Work In Restricted Working Space, Add	*37.54*	
23 21 13 23-0159	EA	3", 250 LB, Black Malleable Iron Union	565.35	109.66
		For Work In Restricted Working Space, Add	*49.39*	
23 21 13 23-0160	EA	4", 250 LB, Black Malleable Iron Union	892.83	121.69
		For Work In Restricted Working Space, Add	*54.77*	
23 21 13 23-0161	EA	3/8", 300 LB, Black Malleable Iron Union	75.20	15.69
		For Work In Restricted Working Space, Add	*7.06*	
23 21 13 23-0162	EA	1/2", 300 LB, Black Malleable Iron Union	77.10	23.52
		For Work In Restricted Working Space, Add	*10.59*	
23 21 13 23-0163	EA	3/4", 300 LB, Black Malleable Iron Union	87.03	27.23
		For Work In Restricted Working Space, Add	*12.23*	
23 21 13 23-0164	EA	1", 300 LB, Black Malleable Iron Union	108.57	32.11
		For Work In Restricted Working Space, Add	*14.45*	
23 21 13 23-0165	EA	1-1/4", 300 LB, Black Malleable Iron Union	155.82	38.25
		For Work In Restricted Working Space, Add	*17.18*	
23 21 13 23-0166	EA	1-1/2", 300 LB, Black Malleable Iron Union	171.56	45.56
		For Work In Restricted Working Space, Add	*20.51*	
23 21 13 23-0167	EA	2", 300 LB, Black Malleable Iron Union	212.59	56.58
		For Work In Restricted Working Space, Add	*25.43*	
23 21 13 23-0168	EA	2-1/2", 300 LB, Black Malleable Iron Union	537.27	83.38
		For Work In Restricted Working Space, Add	*37.54*	
23 21 13 23-0169	EA	3", 300 LB, Black Malleable Iron Union	697.82	109.66
		For Work In Restricted Working Space, Add	*49.39*	
23 21 13 23-0170	EA	4", 300 LB, Black Malleable Iron Union	1,874.82	121.69
		For Work In Restricted Working Space, Add	*54.77*	
23 21 13 23-0171		**Black Steel Nipples** *(23 21 13 23-0014)*		
23 21 13 23-0172	EA	3/8" x Close, Schedule 40 Black Steel Nipple	20.64	10.06
		For Schedule 80 Nipples, Add	*2.76*	
		For Work In Restricted Working Space, Add	*4.54*	
23 21 13 23-0173	EA	1/2" x Close, Schedule 40 Black Steel Nipple	19.78	10.06
		For Schedule 80 Nipples, Add	*2.33*	
		For Work In Restricted Working Space, Add	*4.54*	
23 21 13 23-0174	EA	3/4" x Close, Schedule 40 Black Steel Nipple	20.47	10.06
		For Schedule 80 Nipples, Add	*2.67*	
		For Work In Restricted Working Space, Add	*4.54*	
23 21 13 23-0175	EA	1" x Close, Schedule 40 Black Steel Nipple	24.05	10.91
		For Schedule 80 Nipples, Add	*3.88*	
		For Work In Restricted Working Space, Add	*4.89*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0176	EA	1-1/4" x Close, Schedule 40 Black Steel Nipple	27.48	11.76
		For Schedule 80 Nipples, Add	*4.91*	
		For Work In Restricted Working Space, Add	*5.30*	
23 21 13 23-0177	EA	1-1/2" x Close, Schedule 40 Black Steel Nipple	29.89	11.76
		For Schedule 80 Nipples, Add	*6.12*	
		For Work In Restricted Working Space, Add	*5.30*	
23 21 13 23-0178	EA	2" x Close, Schedule 40 Black Steel Nipple	39.44	15.15
		For Schedule 80 Nipples, Add	*8.33*	
		For Work In Restricted Working Space, Add	*6.84*	
23 21 13 23-0179	EA	2-1/2" x Close, Schedule 40 Black Steel Nipple	80.40	18.86
		For Schedule 80 Nipples, Add	*26.07*	
		For Work In Restricted Working Space, Add	*8.48*	
23 21 13 23-0180	EA	3" x Close, Schedule 40 Black Steel Nipple	96.14	22.78
		For Schedule 80 Nipples, Add	*30.98*	
		For Work In Restricted Working Space, Add	*10.25*	
23 21 13 23-0181	EA	4" x Close, Schedule 40 Black Steel Nipple	135.73	28.30
		For Schedule 80 Nipples, Add	*46.66*	
		For Work In Restricted Working Space, Add	*12.72*	
23 21 13 23-0182	EA	3/8" x 1-1/2" Long, Schedule 40 Black Steel Nipple	21.39	10.06
		For Schedule 80 Nipples, Add	*3.13*	
		For Work In Restricted Working Space, Add	*4.54*	
23 21 13 23-0183	EA	1/2" x 1-1/2" Long, Schedule 40 Black Steel Nipple	19.78	10.06
		For Schedule 80 Nipples, Add	*2.33*	
		For Work In Restricted Working Space, Add	*4.54*	
23 21 13 23-0184	EA	3/4" x 1-1/2" Long, Schedule 40 Black Steel Nipple	20.87	10.06
		For Schedule 80 Nipples, Add	*2.87*	
		For Work In Restricted Working Space, Add	*4.54*	
23 21 13 23-0185	EA	3/8" x 2" Long, Schedule 40 Black Steel Nipple	21.39	10.06
		For Schedule 80 Nipples, Add	*3.13*	
		For Work In Restricted Working Space, Add	*4.54*	
23 21 13 23-0186	EA	1/2" x 2" Long, Schedule 40 Black Steel Nipple	19.78	10.06
		For Schedule 80 Nipples, Add	*2.33*	
		For Work In Restricted Working Space, Add	*4.54*	
23 21 13 23-0187	EA	3/4" x 2" Long, Schedule 40 Black Steel Nipple	20.87	10.06
		For Schedule 80 Nipples, Add	*2.87*	
		For Work In Restricted Working Space, Add	*4.54*	
23 21 13 23-0188	EA	1" x 2" Long, Schedule 40 Black Steel Nipple	24.80	10.91
		For Schedule 80 Nipples, Add	*4.25*	
		For Work In Restricted Working Space, Add	*4.89*	
23 21 13 23-0189	EA	1-1/4" x 2" Long, Schedule 40 Black Steel Nipple	28.80	11.76
		For Schedule 80 Nipples, Add	*5.57*	
		For Work In Restricted Working Space, Add	*5.30*	
23 21 13 23-0190	EA	1-1/2" x 2" Long, Schedule 40 Black Steel Nipple	30.87	11.76
		For Schedule 80 Nipples, Add	*6.61*	
		For Work In Restricted Working Space, Add	*5.30*	
23 21 13 23-0191	EA	3/8" x 2-1/2" Long, Schedule 40 Black Steel Nipple	23.17	10.06
		For Schedule 80 Nipples, Add	*4.02*	
		For Work In Restricted Working Space, Add	*4.54*	
23 21 13 23-0192	EA	1/2" x 2-1/2" Long, Schedule 40 Black Steel Nipple	20.64	10.06
		For Schedule 80 Nipples, Add	*2.76*	
		For Work In Restricted Working Space, Add	*4.54*	
23 21 13 23-0193	EA	3/4" x 2-1/2" Long, Schedule 40 Black Steel Nipple	21.62	10.06
		For Schedule 80 Nipples, Add	*3.25*	
		For Work In Restricted Working Space, Add	*4.54*	
23 21 13 23-0194	EA	1" x 2-1/2" Long, Schedule 40 Black Steel Nipple	25.32	10.91
		For Schedule 80 Nipples, Add	*4.51*	
		For Work In Restricted Working Space, Add	*4.89*	
23 21 13 23-0195	EA	1-1/4" x 2-1/2" Long, Schedule 40 Black Steel Nipple	29.49	11.76
		For Schedule 80 Nipples, Add	*5.92*	
		For Work In Restricted Working Space, Add	*5.30*	
23 21 13 23-0196	EA	1-1/2" x 2-1/2" Long, Schedule 40 Black Steel Nipple	32.42	11.76
		For Schedule 80 Nipples, Add	*7.38*	
		For Work In Restricted Working Space, Add	*5.30*	
23 21 13 23-0197	EA	2" x 2-1/2" Long, Schedule 40 Black Steel Nipple	41.91	15.15
		For Schedule 80 Nipples, Add	*9.56*	
		For Work In Restricted Working Space, Add	*6.84*	
23 21 13 23-0198	EA	3/8" x 3" Long, Schedule 40 Black Steel Nipple	23.17	10.06
		For Schedule 80 Nipples, Add	*4.02*	
		For Work In Restricted Working Space, Add	*4.54*	
23 21 13 23-0199	EA	1/2" x 3" Long, Schedule 40 Black Steel Nipple	20.64	10.06
		For Schedule 80 Nipples, Add	*2.76*	
		For Work In Restricted Working Space, Add	*4.54*	
23 21 13 23-0200	EA	3/4" x 3" Long, Schedule 40 Black Steel Nipple	21.62	10.06
		For Schedule 80 Nipples, Add	*3.25*	
		For Work In Restricted Working Space, Add	*4.54*	
23 21 13 23-0201	EA	1" x 3" Long, Schedule 40 Black Steel Nipple	25.32	10.91
		For Schedule 80 Nipples, Add	*4.51*	
		For Work In Restricted Working Space, Add	*4.89*	
23 21 13 23-0202	EA	1-1/4" x 3" Long, Schedule 40 Black Steel Nipple	29.49	11.76
		For Schedule 80 Nipples, Add	*5.92*	
		For Work In Restricted Working Space, Add	*5.30*	
23 21 13 23-0203	EA	1-1/2" x 3" Long, Schedule 40 Black Steel Nipple	32.42	11.76
		For Schedule 80 Nipples, Add	*7.38*	
		For Work In Restricted Working Space, Add	*5.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0204	EA	2" x 3" Long, Schedule 40 Black Steel Nipple	41.91	15.15
		For Schedule 80 Nipples, Add	*9.56*	
		For Work In Restricted Working Space, Add	*6.84*	
23 21 13 23-0205	EA	2-1/2" x 3" Long, Schedule 40 Black Steel Nipple	81.78	18.86
		For Schedule 80 Nipples, Add	*26.76*	
		For Work In Restricted Working Space, Add	*8.48*	
23 21 13 23-0206	EA	3" x 3" Long, Schedule 40 Black Steel Nipple	101.54	22.78
		For Schedule 80 Nipples, Add	*33.68*	
		For Work In Restricted Working Space, Add	*10.25*	
23 21 13 23-0207	EA	3/8" x 3-1/2" Long, Schedule 40 Black Steel Nipple	24.61	10.06
		For Schedule 80 Nipples, Add	*4.74*	
		For Work In Restricted Working Space, Add	*4.54*	
23 21 13 23-0208	EA	1/2" x 3-1/2" Long, Schedule 40 Black Steel Nipple	21.73	10.06
		For Schedule 80 Nipples, Add	*3.30*	
		For Work In Restricted Working Space, Add	*4.54*	
23 21 13 23-0209	EA	3/4" x 3-1/2" Long, Schedule 40 Black Steel Nipple	23.17	10.06
		For Schedule 80 Nipples, Add	*4.02*	
		For Work In Restricted Working Space, Add	*4.54*	
23 21 13 23-0210	EA	1" x 3-1/2" Long, Schedule 40 Black Steel Nipple	27.44	10.91
		For Schedule 80 Nipples, Add	*5.57*	
		For Work In Restricted Working Space, Add	*4.89*	
23 21 13 23-0211	EA	1-1/4" x 3-1/2" Long, Schedule 40 Black Steel Nipple	31.67	11.76
		For Schedule 80 Nipples, Add	*7.01*	
		For Work In Restricted Working Space, Add	*5.30*	
23 21 13 23-0212	EA	1-1/2" x 3-1/2" Long, Schedule 40 Black Steel Nipple	34.20	11.76
		For Schedule 80 Nipples, Add	*8.27*	
		For Work In Restricted Working Space, Add	*5.30*	
23 21 13 23-0213	EA	2" x 3-1/2" Long, Schedule 40 Black Steel Nipple	45.93	15.15
		For Schedule 80 Nipples, Add	*11.57*	
		For Work In Restricted Working Space, Add	*6.84*	
23 21 13 23-0214	EA	2-1/2" x 3-1/2" Long, Schedule 40 Black Steel Nipple	91.20	18.86
		For Schedule 80 Nipples, Add	*31.47*	
		For Work In Restricted Working Space, Add	*8.48*	
23 21 13 23-0215	EA	3" x 3-1/2" Long, Schedule 40 Black Steel Nipple	113.94	22.78
		For Schedule 80 Nipples, Add	*39.88*	
		For Work In Restricted Working Space, Add	*10.25*	
23 21 13 23-0216	EA	3/8" x 4" Long, Schedule 40 Black Steel Nipple	24.61	10.06
		For Schedule 80 Nipples, Add	*4.74*	
		For Work In Restricted Working Space, Add	*4.54*	
23 21 13 23-0217	EA	1/2" x 4" Long, Schedule 40 Black Steel Nipple	21.73	10.06
		For Schedule 80 Nipples, Add	*3.30*	
		For Work In Restricted Working Space, Add	*4.54*	
23 21 13 23-0218	EA	3/4" x 4" Long, Schedule 40 Black Steel Nipple	23.17	10.06
		For Schedule 80 Nipples, Add	*4.02*	
		For Work In Restricted Working Space, Add	*4.54*	
23 21 13 23-0219	EA	1" x 4" Long, Schedule 40 Black Steel Nipple	27.44	10.91
		For Schedule 80 Nipples, Add	*5.57*	
		For Work In Restricted Working Space, Add	*4.89*	
23 21 13 23-0220	EA	1-1/4" x 4" Long, Schedule 40 Black Steel Nipple	31.67	11.76
		For Schedule 80 Nipples, Add	*7.01*	
		For Work In Restricted Working Space, Add	*5.30*	
23 21 13 23-0221	EA	1-1/2" x 4" Long, Schedule 40 Black Steel Nipple	34.20	11.76
		For Schedule 80 Nipples, Add	*8.27*	
		For Work In Restricted Working Space, Add	*5.30*	
23 21 13 23-0222	EA	2" x 4" Long, Schedule 40 Black Steel Nipple	45.93	15.15
		For Schedule 80 Nipples, Add	*11.57*	
		For Work In Restricted Working Space, Add	*6.84*	
23 21 13 23-0223	EA	2-1/2" x 4" Long, Schedule 40 Black Steel Nipple	91.20	18.86
		For Schedule 80 Nipples, Add	*31.47*	
		For Work In Restricted Working Space, Add	*8.48*	
23 21 13 23-0224	EA	3" x 4" Long, Schedule 40 Black Steel Nipple	113.94	22.78
		For Schedule 80 Nipples, Add	*39.88*	
		For Work In Restricted Working Space, Add	*10.25*	
23 21 13 23-0225	EA	4" x 4" Long, Schedule 40 Black Steel Nipple	150.37	28.30
		For Schedule 80 Nipples, Add	*53.98*	
		For Work In Restricted Working Space, Add	*12.72*	
23 21 13 23-0226	EA	3/8" x 4-1/2" Long, Schedule 40 Black Steel Nipple	28.80	10.06
		For Schedule 80 Nipples, Add	*6.84*	
		For Work In Restricted Working Space, Add	*4.54*	
23 21 13 23-0227	EA	1/2" x 4-1/2" Long, Schedule 40 Black Steel Nipple	22.88	10.06
		For Schedule 80 Nipples, Add	*3.88*	
		For Work In Restricted Working Space, Add	*4.54*	
23 21 13 23-0228	EA	3/4" x 4-1/2" Long, Schedule 40 Black Steel Nipple	25.24	10.06
		For Schedule 80 Nipples, Add	*5.06*	
		For Work In Restricted Working Space, Add	*4.54*	
23 21 13 23-0229	EA	1" x 4-1/2" Long, Schedule 40 Black Steel Nipple	29.51	10.91
		For Schedule 80 Nipples, Add	*6.61*	
		For Work In Restricted Working Space, Add	*4.89*	
23 21 13 23-0230	EA	1-1/4" x 4-1/2" Long, Schedule 40 Black Steel Nipple	34.43	11.76
		For Schedule 80 Nipples, Add	*8.39*	
		For Work In Restricted Working Space, Add	*5.30*	
23 21 13 23-0231	EA	1-1/2" x 4-1/2" Long, Schedule 40 Black Steel Nipple	37.87	11.76
		For Schedule 80 Nipples, Add	*10.11*	
		For Work In Restricted Working Space, Add	*5.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0232	EA	2" x 4-1/2" Long, Schedule 40 Black Steel Nipple	49.44	15.15
		For Schedule 80 Nipples, Add	*13.33*	
		For Work In Restricted Working Space, Add	*6.84*	
23 21 13 23-0233	EA	2-1/2" x 4-1/2" Long, Schedule 40 Black Steel Nipple	97.40	18.86
		For Schedule 80 Nipples, Add	*34.57*	
		For Work In Restricted Working Space, Add	*8.48*	
23 21 13 23-0234	EA	3" x 4-1/2" Long, Schedule 40 Black Steel Nipple	122.15	22.78
		For Schedule 80 Nipples, Add	*43.99*	
		For Work In Restricted Working Space, Add	*10.25*	
23 21 13 23-0235	EA	4" x 4-1/2" Long, Schedule 40 Black Steel Nipple	165.76	28.30
		For Schedule 80 Nipples, Add	*61.68*	
		For Work In Restricted Working Space, Add	*12.72*	
23 21 13 23-0236	EA	3/8" x 5" Long, Schedule 40 Black Steel Nipple	28.80	10.06
		For Schedule 80 Nipples, Add	*6.84*	
		For Work In Restricted Working Space, Add	*4.54*	
23 21 13 23-0237	EA	1/2" x 5" Long, Schedule 40 Black Steel Nipple	22.88	10.06
		For Schedule 80 Nipples, Add	*3.88*	
		For Work In Restricted Working Space, Add	*4.54*	
23 21 13 23-0238	EA	3/4" x 5" Long, Schedule 40 Black Steel Nipple	25.24	10.06
		For Schedule 80 Nipples, Add	*5.06*	
		For Work In Restricted Working Space, Add	*4.54*	
23 21 13 23-0239	EA	1" x 5" Long, Schedule 40 Black Steel Nipple	29.51	10.91
		For Schedule 80 Nipples, Add	*6.61*	
		For Work In Restricted Working Space, Add	*4.89*	
23 21 13 23-0240	EA	1-1/4" x 5" Long, Schedule 40 Black Steel Nipple	34.43	11.76
		For Schedule 80 Nipples, Add	*8.39*	
		For Work In Restricted Working Space, Add	*5.30*	
23 21 13 23-0241	EA	1-1/2" x 5" Long, Schedule 40 Black Steel Nipple	37.87	11.76
		For Schedule 80 Nipples, Add	*10.11*	
		For Work In Restricted Working Space, Add	*5.30*	
23 21 13 23-0242	EA	2" x 5" Long, Schedule 40 Black Steel Nipple	49.44	15.15
		For Schedule 80 Nipples, Add	*13.33*	
		For Work In Restricted Working Space, Add	*6.84*	
23 21 13 23-0243	EA	2-1/2" x 5" Long, Schedule 40 Black Steel Nipple	97.40	18.86
		For Schedule 80 Nipples, Add	*34.57*	
		For Work In Restricted Working Space, Add	*8.48*	
23 21 13 23-0244	EA	3" x 5" Long, Schedule 40 Black Steel Nipple	122.15	22.78
		For Schedule 80 Nipples, Add	*43.99*	
		For Work In Restricted Working Space, Add	*10.25*	
23 21 13 23-0245	EA	4" x 5" Long, Schedule 40 Black Steel Nipple	165.76	28.30
		For Schedule 80 Nipples, Add	*61.68*	
		For Work In Restricted Working Space, Add	*12.72*	
23 21 13 23-0246	EA	3/8" x 6" Long, Schedule 40 Black Steel Nipple	30.35	10.06
		For Schedule 80 Nipples, Add	*7.61*	
		For Work In Restricted Working Space, Add	*4.54*	
23 21 13 23-0247	EA	1/2" x 6" Long, Schedule 40 Black Steel Nipple	23.80	10.06
		For Schedule 80 Nipples, Add	*4.34*	
		For Work In Restricted Working Space, Add	*4.54*	
23 21 13 23-0248	EA	3/4" x 6" Long, Schedule 40 Black Steel Nipple	26.61	10.06
		For Schedule 80 Nipples, Add	*5.74*	
		For Work In Restricted Working Space, Add	*4.54*	
23 21 13 23-0249	EA	1" x 6" Long, Schedule 40 Black Steel Nipple	31.92	10.91
		For Schedule 80 Nipples, Add	*7.81*	
		For Work In Restricted Working Space, Add	*4.89*	
23 21 13 23-0250	EA	1-1/4" x 6" Long, Schedule 40 Black Steel Nipple	37.53	11.76
		For Schedule 80 Nipples, Add	*9.94*	
		For Work In Restricted Working Space, Add	*5.30*	
23 21 13 23-0251	EA	1-1/2" x 6" Long, Schedule 40 Black Steel Nipple	40.86	11.76
		For Schedule 80 Nipples, Add	*11.60*	
		For Work In Restricted Working Space, Add	*5.30*	
23 21 13 23-0252	EA	2" x 6" Long, Schedule 40 Black Steel Nipple	54.03	15.15
		For Schedule 80 Nipples, Add	*15.62*	
		For Work In Restricted Working Space, Add	*6.84*	
23 21 13 23-0253	EA	2-1/2" x 6" Long, Schedule 40 Black Steel Nipple	100.33	18.86
		For Schedule 80 Nipples, Add	*36.04*	
		For Work In Restricted Working Space, Add	*8.48*	
23 21 13 23-0254	EA	3" x 6" Long, Schedule 40 Black Steel Nipple	129.79	22.78
		For Schedule 80 Nipples, Add	*47.81*	
		For Work In Restricted Working Space, Add	*10.25*	
23 21 13 23-0255	EA	4" x 6" Long, Schedule 40 Black Steel Nipple	174.26	28.30
		For Schedule 80 Nipples, Add	*65.93*	
		For Work In Restricted Working Space, Add	*12.72*	
23 21 13 23-0256	EA	3/8" x 8" Long, Schedule 40 Black Steel Nipple	41.83	10.06
		For Schedule 80 Nipples, Add	*13.35*	
		For Work In Restricted Working Space, Add	*4.54*	
23 21 13 23-0257	EA	1/2" x 8" Long, Schedule 40 Black Steel Nipple	30.75	10.06
		For Schedule 80 Nipples, Add	*7.81*	
		For Work In Restricted Working Space, Add	*4.54*	
23 21 13 23-0258	EA	3/4" x 8" Long, Schedule 40 Black Steel Nipple	34.25	10.06
		For Schedule 80 Nipples, Add	*9.56*	
		For Work In Restricted Working Space, Add	*4.54*	
23 21 13 23-0259	EA	1" x 8" Long, Schedule 40 Black Steel Nipple	41.85	10.91
		For Schedule 80 Nipples, Add	*12.78*	
		For Work In Restricted Working Space, Add	*4.89*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0260	EA	1-1/4" x 8" Long, Schedule 40 Black Steel Nipple	49.76	11.76
		For Schedule 80 Nipples, Add	*16.05*	
		For Work In Restricted Working Space, Add	*5.30*	
23 21 13 23-0261	EA	1-1/2" x 8" Long, Schedule 40 Black Steel Nipple	54.47	11.76
		For Schedule 80 Nipples, Add	*18.41*	
		For Work In Restricted Working Space, Add	*5.30*	
23 21 13 23-0262	EA	2" x 8" Long, Schedule 40 Black Steel Nipple	75.16	15.15
		For Schedule 80 Nipples, Add	*26.19*	
		For Work In Restricted Working Space, Add	*6.84*	
23 21 13 23-0263	EA	2-1/2" x 8" Long, Schedule 40 Black Steel Nipple	119.97	18.86
		For Schedule 80 Nipples, Add	*45.86*	
		For Work In Restricted Working Space, Add	*8.48*	
23 21 13 23-0264	EA	3" x 8" Long, Schedule 40 Black Steel Nipple	163.16	22.78
		For Schedule 80 Nipples, Add	*64.49*	
		For Work In Restricted Working Space, Add	*10.25*	
23 21 13 23-0265	EA	4" x 8" Long, Schedule 40 Black Steel Nipple	194.59	28.30
		For Schedule 80 Nipples, Add	*76.09*	
		For Work In Restricted Working Space, Add	*12.72*	
23 21 13 23-0266	EA	3/8" x 10" Long, Schedule 40 Black Steel Nipple	45.11	10.06
		For Schedule 80 Nipples, Add	*14.99*	
		For Work In Restricted Working Space, Add	*4.54*	
23 21 13 23-0267	EA	1/2" x 10" Long, Schedule 40 Black Steel Nipple	33.91	10.06
		For Schedule 80 Nipples, Add	*9.39*	
		For Work In Restricted Working Space, Add	*4.54*	
23 21 13 23-0268	EA	3/4" x 10" Long, Schedule 40 Black Steel Nipple	37.35	10.06
		For Schedule 80 Nipples, Add	*11.11*	
		For Work In Restricted Working Space, Add	*4.54*	
23 21 13 23-0269	EA	1" x 10" Long, Schedule 40 Black Steel Nipple	46.16	10.91
		For Schedule 80 Nipples, Add	*14.93*	
		For Work In Restricted Working Space, Add	*4.89*	
23 21 13 23-0270	EA	1-1/4" x 10" Long, Schedule 40 Black Steel Nipple	56.13	11.76
		For Schedule 80 Nipples, Add	*19.24*	
		For Work In Restricted Working Space, Add	*5.30*	
23 21 13 23-0271	EA	1-1/2" x 10" Long, Schedule 40 Black Steel Nipple	60.73	11.76
		For Schedule 80 Nipples, Add	*21.54*	
		For Work In Restricted Working Space, Add	*5.30*	
23 21 13 23-0272	EA	2" x 10" Long, Schedule 40 Black Steel Nipple	84.35	15.15
		For Schedule 80 Nipples, Add	*30.78*	
		For Work In Restricted Working Space, Add	*6.84*	
23 21 13 23-0273	EA	2-1/2" x 10" Long, Schedule 40 Black Steel Nipple	131.28	18.86
		For Schedule 80 Nipples, Add	*51.51*	
		For Work In Restricted Working Space, Add	*8.48*	
23 21 13 23-0274	EA	3" x 10" Long, Schedule 40 Black Steel Nipple	179.06	22.78
		For Schedule 80 Nipples, Add	*72.44*	
		For Work In Restricted Working Space, Add	*10.25*	
23 21 13 23-0275	EA	4" x 10" Long, Schedule 40 Black Steel Nipple	215.72	28.30
		For Schedule 80 Nipples, Add	*86.66*	
		For Work In Restricted Working Space, Add	*12.72*	
23 21 13 23-0276	EA	3/8" x 12" Long, Schedule 40 Black Steel Nipple	49.24	10.06
		For Schedule 80 Nipples, Add	*17.06*	
		For Work In Restricted Working Space, Add	*4.54*	
23 21 13 23-0277	EA	1/2" x 12" Long, Schedule 40 Black Steel Nipple	37.41	10.06
		For Schedule 80 Nipples, Add	*11.14*	
		For Work In Restricted Working Space, Add	*4.54*	
23 21 13 23-0278	EA	3/4" x 12" Long, Schedule 40 Black Steel Nipple	39.82	10.06
		For Schedule 80 Nipples, Add	*12.35*	
		For Work In Restricted Working Space, Add	*4.54*	
23 21 13 23-0279	EA	1" x 12" Long, Schedule 40 Black Steel Nipple	50.58	10.91
		For Schedule 80 Nipples, Add	*17.14*	
		For Work In Restricted Working Space, Add	*4.89*	
23 21 13 23-0280	EA	1-1/4" x 12" Long, Schedule 40 Black Steel Nipple	61.30	11.76
		For Schedule 80 Nipples, Add	*21.82*	
		For Work In Restricted Working Space, Add	*5.30*	
23 21 13 23-0281	EA	1-1/2" x 12" Long, Schedule 40 Black Steel Nipple	67.28	11.76
		For Schedule 80 Nipples, Add	*24.81*	
		For Work In Restricted Working Space, Add	*5.30*	
23 21 13 23-0282	EA	2" x 12" Long, Schedule 40 Black Steel Nipple	93.65	15.15
		For Schedule 80 Nipples, Add	*35.43*	
		For Work In Restricted Working Space, Add	*6.84*	
23 21 13 23-0283	EA	2-1/2" x 12" Long, Schedule 40 Black Steel Nipple	142.88	18.86
		For Schedule 80 Nipples, Add	*57.31*	
		For Work In Restricted Working Space, Add	*8.48*	
23 21 13 23-0284	EA	3" x 12" Long, Schedule 40 Black Steel Nipple	194.97	22.78
		For Schedule 80 Nipples, Add	*80.40*	
		For Work In Restricted Working Space, Add	*10.25*	
23 21 13 23-0285	EA	4" x 12" Long, Schedule 40 Black Steel Nipple	245.58	28.30
		For Schedule 80 Nipples, Add	*101.59*	
		For Work In Restricted Working Space, Add	*12.72*	

23 21 13 23-0286 Black Malleable Iron Bushing *(23 21 13 23-0014)*

23 21 13 23-0287	EA	1/2" x 3/8", 150 LB, Black Malleable Iron Bushing	33.52	17.27
		For Work In Restricted Working Space, Add	*7.77*	
23 21 13 23-0288	EA	3/4" x 3/8", 150 LB, Black Malleable Iron Bushing	38.82	18.55
		For Work In Restricted Working Space, Add	*8.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0289	EA	3/4" x 1/2", 150 LB, Black Malleable Iron Bushing	40.94	19.92
		For Work In Restricted Working Space, Add	*8.98*	
23 21 13 23-0290	EA	1" x 3/8", 150 LB, Black Malleable Iron Bushing	44.84	19.82
		For Work In Restricted Working Space, Add	*8.90*	
23 21 13 23-0291	EA	1" x 1/2", 150 LB, Black Malleable Iron Bushing	43.12	21.19
		For Work In Restricted Working Space, Add	*9.53*	
23 21 13 23-0292	EA	1" x 3/4", 150 LB, Black Malleable Iron Bushing	44.81	22.35
		For Work In Restricted Working Space, Add	*10.04*	
23 21 13 23-0293	EA	1-1/4" x 3/8", 150 LB, Black Malleable Iron Bushing	49.01	21.30
		For Work In Restricted Working Space, Add	*9.60*	
23 21 13 23-0294	EA	1-1/4" x 1/2", 150 LB, Black Malleable Iron Bushing	50.37	22.78
		For Work In Restricted Working Space, Add	*10.24*	
23 21 13 23-0295	EA	1-1/4" x 3/4", 150 LB, Black Malleable Iron Bushing	50.43	23.84
		For Work In Restricted Working Space, Add	*10.74*	
23 21 13 23-0296	EA	1-1/4" x 1", 150 LB, Black Malleable Iron Bushing	52.28	25.11
		For Work In Restricted Working Space, Add	*11.30*	
23 21 13 23-0297	EA	1-1/2" x 3/8", 150 LB, Black Malleable Iron Bushing	57.00	23.10
		For Work In Restricted Working Space, Add	*10.37*	
23 21 13 23-0298	EA	1-1/2" x 1/2", 150 LB, Black Malleable Iron Bushing	55.17	24.47
		For Work In Restricted Working Space, Add	*11.00*	
23 21 13 23-0299	EA	1-1/2" x 3/4", 150 LB, Black Malleable Iron Bushing	56.85	25.54
		For Work In Restricted Working Space, Add	*11.51*	
23 21 13 23-0300	EA	1-1/2" x 1", 150 LB, Black Malleable Iron Bushing	56.45	26.81
		For Work In Restricted Working Space, Add	*12.06*	
23 21 13 23-0301	EA	1-1/2" x 1-1/4", 150 LB, Black Malleable Iron Bushing	61.09	28.40
		For Work In Restricted Working Space, Add	*12.76*	
23 21 13 23-0302	EA	2" x 3/8", 150 LB, Black Malleable Iron Bushing	72.34	27.12
		For Work In Restricted Working Space, Add	*12.19*	
23 21 13 23-0303	EA	2" x 1/2", 150 LB, Black Malleable Iron Bushing	70.71	28.50
		For Work In Restricted Working Space, Add	*12.83*	
23 21 13 23-0304	EA	2" x 3/4", 150 LB, Black Malleable Iron Bushing	68.09	29.67
		For Work In Restricted Working Space, Add	*13.34*	
23 21 13 23-0305	EA	2" x 1", 150 LB, Black Malleable Iron Bushing	68.44	30.84
		For Work In Restricted Working Space, Add	*13.89*	
23 21 13 23-0306	EA	2" x 1-1/4", 150 LB, Black Malleable Iron Bushing	70.77	32.42
		For Work In Restricted Working Space, Add	*14.59*	
23 21 13 23-0307	EA	2" x 1-1/2", 150 LB, Black Malleable Iron Bushing	75.83	34.12
		For Work In Restricted Working Space, Add	*15.35*	
23 21 13 23-0308	EA	2-1/2" x 3/4", 150 LB, Black Malleable Iron Bushing	98.45	38.78
		For Work In Restricted Working Space, Add	*17.46*	
23 21 13 23-0309	EA	2-1/2" x 1", 150 LB, Black Malleable Iron Bushing	100.29	40.06
		For Work In Restricted Working Space, Add	*18.01*	
23 21 13 23-0310	EA	2-1/2" x 1-1/4", 150 LB, Black Malleable Iron Bushing	102.63	41.54
		For Work In Restricted Working Space, Add	*18.71*	
23 21 13 23-0311	EA	2-1/2" x 1-1/2", 150 LB, Black Malleable Iron Bushing	102.42	43.34
		For Work In Restricted Working Space, Add	*19.48*	
23 21 13 23-0312	EA	2-1/2" x 2", 150 LB, Black Malleable Iron Bushing	108.21	47.36
		For Work In Restricted Working Space, Add	*21.31*	
23 21 13 23-0313	EA	3" x 3/4", 150 LB, Black Malleable Iron Bushing	127.24	47.68
		For Work In Restricted Working Space, Add	*21.47*	
23 21 13 23-0314	EA	3" x 1", 150 LB, Black Malleable Iron Bushing	129.08	48.95
		For Work In Restricted Working Space, Add	*22.03*	
23 21 13 23-0315	EA	3" x 1-1/4", 150 LB, Black Malleable Iron Bushing	131.42	50.54
		For Work In Restricted Working Space, Add	*22.73*	
23 21 13 23-0316	EA	3" x 1-1/2", 150 LB, Black Malleable Iron Bushing	132.89	52.23
		For Work In Restricted Working Space, Add	*23.49*	
23 21 13 23-0317	EA	3" x 2", 150 LB, Black Malleable Iron Bushing	135.41	56.26
		For Work In Restricted Working Space, Add	*25.32*	
23 21 13 23-0318	EA	3" x 2-1/2", 150 LB, Black Malleable Iron Bushing	149.91	65.48
		For Work In Restricted Working Space, Add	*29.44*	
23 21 13 23-0319	EA	4" x 3/4", 150 LB, Black Malleable Iron Bushing	184.42	51.73
		For Work In Restricted Working Space, Add	*23.30*	
23 21 13 23-0320	EA	4" x 1", 150 LB, Black Malleable Iron Bushing	186.26	53.00
		For Work In Restricted Working Space, Add	*23.85*	
23 21 13 23-0321	EA	4" x 1-1/4", 150 LB, Black Malleable Iron Bushing	188.60	54.59
		For Work In Restricted Working Space, Add	*24.55*	
23 21 13 23-0322	EA	4" x 1-1/2", 150 LB, Black Malleable Iron Bushing	191.15	56.29
		For Work In Restricted Working Space, Add	*25.32*	
23 21 13 23-0323	EA	4" x 2", 150 LB, Black Malleable Iron Bushing	191.51	60.32
		For Work In Restricted Working Space, Add	*27.15*	
23 21 13 23-0324	EA	4" x 2-1/2", 150 LB, Black Malleable Iron Bushing	205.26	69.54
		For Work In Restricted Working Space, Add	*31.27*	
23 21 13 23-0325	EA	4" x 3", 150 LB, Black Malleable Iron Bushing	218.65	78.44
		For Work In Restricted Working Space, Add	*35.29*	

23 21 13 23-0326 Black Malleable Iron Square Head Plugs *(23 21 13 23-0014)*

23 21 13 23-0327	EA	3/8", 150 LB, Black Malleable Iron Square Head Plug	15.25	6.26
		For Work In Restricted Working Space, Add	*2.83*	
23 21 13 23-0328	EA	1/2", 150 LB, Black Malleable Iron Square Head Plug	17.52	7.53
		For Work In Restricted Working Space, Add	*3.39*	
23 21 13 23-0329	EA	3/4", 150 LB, Black Malleable Iron Square Head Plug	18.87	8.47
		For Work In Restricted Working Space, Add	*3.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0330	EA	1", 150 LB, Black Malleable Iron Square Head Plug	21.94	9.43
		For Work In Restricted Working Space, Add	*4.24*	
23 21 13 23-0331	EA	1-1/4", 150 LB, Black Malleable Iron Square Head Plug	25.84	10.70
		For Work In Restricted Working Space, Add	*4.80*	
23 21 13 23-0332	EA	1-1/2", 150 LB, Black Malleable Iron Square Head Plug	31.77	11.97
		For Work In Restricted Working Space, Add	*5.41*	
23 21 13 23-0333	EA	2", 150 LB, Black Malleable Iron Square Head Plug	42.44	15.25
		For Work In Restricted Working Space, Add	*6.87*	
23 21 13 23-0334	EA	2-1/2", 150 LB, Black Malleable Iron Square Head Plug	69.45	22.57
		For Work In Restricted Working Space, Add	*10.17*	
23 21 13 23-0335	EA	3", 150 LB, Black Malleable Iron Square Head Plug	93.41	29.77
		For Work In Restricted Working Space, Add	*13.39*	
23 21 13 23-0336	EA	4", 150 LB, Black Malleable Iron Square Head Plug	151.82	32.97
		For Work In Restricted Working Space, Add	*14.84*	
23 21 13 23-0337	EA	5", 150 LB, Black Malleable Iron Square Head Plug	271.46	34.45
		For Work In Restricted Working Space, Add	*15.49*	
23 21 13 23-0338	EA	6", 150 LB, Black Malleable Iron Square Head Plug	326.25	35.93
		For Work In Restricted Working Space, Add	*16.19*	

23 21 13 23-0339 125 LB Black Cast Iron Screwed Flanges *(23 21 13 23-0014)*

Note: Excludes bolt and gasket sets See CSI section 23 21 13 23-0713 for Class 150 steel bolt and gasket set.

23 21 13 23-0340	EA	3/4", 125 LB, Black Cast Iron Flange	175.00	42.38
		For Work In Restricted Working Space, Add	*19.07*	
23 21 13 23-0341	EA	1", 125 LB, Black Cast Iron Flange	142.70	47.89
		For Work In Restricted Working Space, Add	*21.55*	
23 21 13 23-0342	EA	1-1/4", 125 LB, Black Cast Iron Flange	159.13	49.59
		For Work In Restricted Working Space, Add	*22.30*	
23 21 13 23-0343	EA	1-1/2", 125 LB, Black Cast Iron Flange	159.23	53.93
		For Work In Restricted Working Space, Add	*24.26*	
23 21 13 23-0344	EA	2", 125 LB, Black Cast Iron Flange	162.60	56.26
		For Work In Restricted Working Space, Add	*25.33*	
23 21 13 23-0345	EA	2-1/2", 125 LB, Black Cast Iron Flange	189.11	65.16
		For Work In Restricted Working Space, Add	*29.29*	
23 21 13 23-0346	EA	3", 125 LB, Black Cast Iron Flange	241.75	82.64
		For Work In Restricted Working Space, Add	*37.18*	
23 21 13 23-0347	EA	4", 125 LB, Black Cast Iron Flange	328.41	113.11
		For Work In Restricted Working Space, Add	*50.88*	
23 21 13 23-0348	EA	5", 125 LB, Black Cast Iron Flange	426.25	134.74
		For Work In Restricted Working Space, Add	*60.58*	
23 21 13 23-0349	EA	6", 125 LB, Black Cast Iron Flange	485.71	154.67
		For Work In Restricted Working Space, Add	*69.57*	

23 21 13 23-0350 150 LB, Black Malleable Iron Flanges *(23 21 13 23-0014)*

Note: Excludes bolt and gasket sets See CSI section 23 21 13 23-0713 for Class 150 steel bolt and gasket set.

23 21 13 23-0351	EA	1/2", 150 LB, Black Malleable Iron Flange	82.70	38.67
		For Work In Restricted Working Space, Add	*17.42*	
23 21 13 23-0352	EA	3/4", 150 LB, Black Malleable Iron Flange	90.13	42.38
		For Work In Restricted Working Space, Add	*19.07*	
23 21 13 23-0353	EA	1", 150 LB, Black Malleable Iron Flange	106.33	47.89
		For Work In Restricted Working Space, Add	*21.55*	
23 21 13 23-0354	EA	1-1/4", 150 LB, Black Malleable Iron Flange	111.24	49.59
		For Work In Restricted Working Space, Add	*22.30*	
23 21 13 23-0355	EA	1-1/2", 150 LB, Black Malleable Iron Flange	121.13	53.93
		For Work In Restricted Working Space, Add	*24.26*	
23 21 13 23-0356	EA	2", 150 LB, Black Malleable Iron Flange	136.90	56.26
		For Work In Restricted Working Space, Add	*25.32*	
23 21 13 23-0357	EA	2-1/2", 150 LB, Black Malleable Iron Flange	179.96	65.16
		For Work In Restricted Working Space, Add	*29.29*	
23 21 13 23-0358	EA	3", 150 LB, Black Malleable Iron Flange	227.93	82.64
		For Work In Restricted Working Space, Add	*37.17*	
23 21 13 23-0359	EA	4", 150 LB, Black Malleable Iron Flange	346.29	113.11
		For Work In Restricted Working Space, Add	*50.87*	

23 21 13 23-0360 Cut And Thread Existing In-Place Black Steel Pipe *(23 21 13 23-0014)*

Note: For use when connecting pipe to an existing in-place system.

23 21 13 23-0361	EA	1/2", Cut And Thread Existing In Place Black Steel Pipe	34.52	
		For Work In Restricted Working Space, Add	*10.36*	
23 21 13 23-0362	EA	3/4", Cut And Thread Existing In Place Black Steel Pipe	37.97	
		For Work In Restricted Working Space, Add	*11.39*	
23 21 13 23-0363	EA	1", Cut And Thread Existing In Place Black Steel Pipe	41.43	
		For Work In Restricted Working Space, Add	*12.43*	
23 21 13 23-0364	EA	1-1/4", Cut And Thread Existing In Place Black Steel Pipe	44.87	
		For Work In Restricted Working Space, Add	*13.46*	
23 21 13 23-0365	EA	1-1/2", Cut And Thread Existing In Place Black Steel Pipe	47.17	
		For Work In Restricted Working Space, Add	*14.15*	
23 21 13 23-0366	EA	2", Cut And Thread Existing In Place Black Steel Pipe	49.47	
		For Work In Restricted Working Space, Add	*14.84*	
23 21 13 23-0367	EA	2-1/2", Cut And Thread Existing In Place Black Steel Pipe	51.78	
		For Work In Restricted Working Space, Add	*15.53*	
23 21 13 23-0368	EA	3", Cut And Thread Existing In Place Black Steel Pipe	54.07	
		For Work In Restricted Working Space, Add	*16.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0369	EA	4", Cut And Thread Existing In Place Black Steel Pipe	56.38	
		For Work In Restricted Working Space, Add	*16.91*	
23 21 13 23-0370	EA	6", Cut And Thread Existing In Place Black Steel Pipe	60.98	
		For Work In Restricted Working Space, Add	*18.29*	
23 21 13 23-0371	EA	8", Cut And Thread Existing In Place Black Steel Pipe	65.58	
		For Work In Restricted Working Space, Add	*19.67*	
23 21 13 23-0372	EA	10", Cut And Thread Existing In Place Black Steel Pipe	71.33	
		For Work In Restricted Working Space, Add	*21.40*	
23 21 13 23-0373	EA	12", Cut And Thread Existing In Place Black Steel Pipe	75.93	
		For Work In Restricted Working Space, Add	*22.78*	

23 21 13 23-0374 Welded Black Steel Pipe *(23 21 13 23)*

23 21 13 23-0375 Welded Plain End Black Steel Pipe Assemblies *(23 21 13 23-0374)*

Note: ASTM A-53 pipe and A-234 WPB fittings. Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.

23 21 13 23-0376	LF	3/4" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	30.24	8.04
		For Work In Restricted Working Space, Add	*5.88*	
23 21 13 23-0377	LF	1" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	34.39	8.57
		For Work In Restricted Working Space, Add	*6.59*	
23 21 13 23-0378	LF	1-1/4" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	42.95	9.11
		For Work In Restricted Working Space, Add	*7.55*	
23 21 13 23-0379	LF	1-1/2" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	47.82	9.11
		For Work In Restricted Working Space, Add	*7.90*	
23 21 13 23-0380	LF	2" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	55.05	9.11
		For Work In Restricted Working Space, Add	*9.14*	
23 21 13 23-0381	LF	2-1/2" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	63.72	9.11
		For Work In Restricted Working Space, Add	*10.61*	
23 21 13 23-0382	LF	3" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	80.45	8.90
		For Work In Restricted Working Space, Add	*11.19*	
23 21 13 23-0383	LF	4" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	114.78	11.65
		For Work In Restricted Working Space, Add	*14.46*	
23 21 13 23-0384	LF	6" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	166.47	17.36
		For Work In Restricted Working Space, Add	*16.65*	
23 21 13 23-0385	LF	8" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	251.56	21.57
		For Work In Restricted Working Space, Add	*24.70*	
23 21 13 23-0386	LF	10" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	342.19	26.96
		For Work In Restricted Working Space, Add	*29.45*	
23 21 13 23-0387	LF	12" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	438.07	32.57
		For Work In Restricted Working Space, Add	*34.03*	
23 21 13 23-0388	LF	14" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	451.63	42.50
		For Work In Restricted Working Space, Add	*37.97*	
23 21 13 23-0389	LF	16" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	519.23	53.93
		For Work In Restricted Working Space, Add	*42.43*	
23 21 13 23-0390	LF	18" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	675.80	66.76
		For Work In Restricted Working Space, Add	*46.55*	
23 21 13 23-0391	LF	20" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	835.63	82.51
		For Work In Restricted Working Space, Add	*53.29*	
23 21 13 23-0392	LF	24" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	1,044.76	93.52
		For Work In Restricted Working Space, Add	*58.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

23 21 13 23-0393 Welded Black Steel Pipe And Fittings *(23 21 13 23-0374)*

Note: ASTM A-53 pipe and A-234 WPB fittings. Excludes hangers or fittings.

23 21 13 23-0394 Welded Plain End (A-53) Black Steel Piping *(23 21 13 23-0393)*

23 21 13 23-0395	LF	3/4" Schedule 40, Welded Plain End Black Steel Pipe	14.91	4.29
		For Schedule 80 Pipe, Add	*2.55*	
		For Work In Restricted Working Space, Add	*2.57*	
23 21 13 23-0396	LF	1" Schedule 40, Welded Plain End Black Steel Pipe	19.15	5.36
		For Schedule 80 Pipe, Add	*3.29*	
		For Work In Restricted Working Space, Add	*3.22*	
23 21 13 23-0397	LF	1-1/4" Schedule 40, Welded Plain End Black Steel Pipe	25.24	6.44
		For Schedule 80 Pipe, Add	*4.40*	
		For Work In Restricted Working Space, Add	*3.86*	
23 21 13 23-0398	LF	1-1/2" Schedule 40, Welded Plain End Black Steel Pipe	31.44	7.51
		For Schedule 80 Pipe, Add	*5.54*	
		For Work In Restricted Working Space, Add	*4.50*	
23 21 13 23-0399	LF	2" Schedule 40, Welded Plain End Black Steel Pipe	37.46	8.90
		For Schedule 80 Pipe, Add	*6.60*	
		For Work In Restricted Working Space, Add	*5.34*	
23 21 13 23-0400	LF	2-1/2" Schedule 40, Welded Plain End Black Steel Pipe	43.09	10.08
		For Schedule 80 Pipe, Add	*11.55*	
		For Work In Restricted Working Space, Add	*6.05*	
23 21 13 23-0401	LF	3" Schedule 40, Welded Plain End Black Steel Pipe	58.06	10.84
		For Schedule 80 Pipe, Add	*16.53*	
		For Work In Restricted Working Space, Add	*6.50*	
23 21 13 23-0402	LF	4" Schedule 40, Welded Plain End Black Steel Pipe	85.15	13.40
		For Schedule 80 Pipe, Add	*25.11*	
		For Work In Restricted Working Space, Add	*8.04*	
23 21 13 23-0403	LF	6" Schedule 40, Welded Plain End Black Steel Pipe	131.02	21.71
		For Schedule 80 Pipe, Add	*40.04*	
		For Work In Restricted Working Space, Add	*9.97*	
23 21 13 23-0404	LF	8" Schedule 40, Welded Plain End Black Steel Pipe	193.80	23.19
		For Schedule 80 Pipe, Add	*59.71*	
		For Schedule 30 Pipe, Deduct	*-34.12*	
		For Work In Restricted Working Space, Add	*13.91*	
23 21 13 23-0405	LF	10" Schedule 40, Welded Plain End Black Steel Pipe	264.54	27.93
		For Schedule 80 Pipe, Add	*82.81*	
		For Schedule 30 Pipe, Deduct	*-47.32*	
		For Work In Restricted Working Space, Add	*16.76*	
23 21 13 23-0406	LF	12" Schedule 40, Welded Plain End Black Steel Pipe	343.48	33.76
		For Schedule 80 Pipe, Add	*108.40*	
		For Schedule 30 Pipe, Deduct	*-61.94*	
		For Work In Restricted Working Space, Add	*20.26*	
23 21 13 23-0407	LF	14" Schedule 40, Welded Plain End Black Steel Pipe	322.81	35.59
		For Schedule 80 Pipe, Add	*100.53*	
		For Schedule 30 Pipe, Deduct	*-57.44*	
		For Schedule 20 Pipe, Deduct	*-102.31*	
		For Work In Restricted Working Space, Add	*21.35*	
23 21 13 23-0408	LF	16" Schedule 40, Welded Plain End Black Steel Pipe	357.84	38.29
		For Schedule 80 Pipe, Add	*111.84*	
		For Schedule 30 Pipe, Deduct	*-63.91*	
		For Schedule 20 Pipe, Deduct	*-113.76*	
		For Work In Restricted Working Space, Add	*22.97*	
23 21 13 23-0409	LF	18" Schedule 40, Welded Plain End Black Steel Pipe	472.65	41.42
		For Schedule 80 Pipe, Add	*150.93*	
		For Schedule 30 Pipe, Deduct	*-86.25*	
		For Schedule 20 Pipe, Deduct	*-153.00*	
		For Work In Restricted Working Space, Add	*24.85*	
23 21 13 23-0410	LF	20" Schedule 40, Welded Plain End Black Steel Pipe	556.92	49.62
		For Schedule 80 Pipe, Add	*177.56*	
		For Work In Restricted Working Space, Add	*29.77*	
23 21 13 23-0411	LF	24" Schedule 40, Welded Plain End Black Steel Pipe	705.38	57.06
		For Schedule 80 Pipe, Add	*226.91*	
		For Work In Restricted Working Space, Add	*34.23*	

23 21 13 23-0412 Welded Plain End (A-106) Seamless Carbon Steel Piping *(23 21 13 23-0393)*

23 21 13 23-0413	LF	1/4" Schedule 40, Welded Plain End (A-106) Seamless, Carbon Steel Pipe	10.96	3.00
		For Work In Restricted Working Space, Add	*1.80*	
		For Schedule 80 (A-106) Carbon Steel Pipe, Add	*2.73*	
23 21 13 23-0414	LF	1/2" Schedule 40, Welded Plain End (A-106) Seamless, Carbon Steel Pipe	11.08	3.32
		For Work In Restricted Working Space, Add	*1.96*	
		For Schedule 80 (A-106) Carbon Steel Pipe, Add	*2.66*	
23 21 13 23-0415	LF	3/4" Schedule 40, Welded Plain End (A-106) Seamless, Carbon Steel Pipe	13.98	4.29
		For Work In Restricted Working Space, Add	*2.57*	
		For Schedule 80 (A-106) Carbon Steel Pipe, Add	*3.29*	
23 21 13 23-0416	LF	1" Schedule 40, Welded Plain End (A-106) Seamless, Carbon Steel Pipe	17.15	5.36
		For Work In Restricted Working Space, Add	*3.22*	
		For Schedule 80 (A-106) Carbon Steel Pipe, Add	*3.99*	
23 21 13 23-0417	LF	1-1/4" Schedule 40, Welded Plain End (A-106) Seamless, Carbon Steel Pipe	21.68	6.44
		For Work In Restricted Working Space, Add	*3.86*	
		For Schedule 80 (A-106) Carbon Steel Pipe, Add	*5.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0418	LF	1-1/2" Schedule 40, Welded Plain End (A-106) Seamless, Carbon Steel Pipe	25.31	7.51
		For Work In Restricted Working Space, Add	*4.50*	
		For Schedule 80 (A-106) Carbon Steel Pipe, Add	*6.06*	
23 21 13 23-0419	LF	2" Schedule 40, Welded Plain End (A-106) Seamless, Carbon Steel Pipe	30.08	8.90
		For Work In Restricted Working Space, Add	*5.34*	
		For Schedule 80 (A-106) Carbon Steel Pipe, Add	*7.21*	
23 21 13 23-0420	LF	2-1/2" Schedule 40, Welded Plain End (A-106) Seamless, Carbon Steel Pipe	39.80	10.08
		For Work In Restricted Working Space, Add	*6.05*	
		For Schedule 80 (A-106) Carbon Steel Pipe, Add	*14.02*	
23 21 13 23-0421	LF	3" Schedule 40, Welded Plain End (A-106) Seamless, Carbon Steel Pipe	45.70	10.84
		For Work In Restricted Working Space, Add	*6.50*	
		For Schedule 80 (A-106) Carbon Steel Pipe, Add	*16.71*	
23 21 13 23-0422	LF	4" Schedule 40, Welded Plain End (A-106) Seamless, Carbon Steel Pipe	56.81	13.40
		For Work In Restricted Working Space, Add	*8.04*	
		For Schedule 80 (A-106) Carbon Steel Pipe, Add	*20.82*	
23 21 13 23-0423	LF	6" Schedule 40, Welded Plain End (A-106) Seamless, Carbon Steel Pipe	89.12	21.77
		For Work In Restricted Working Space, Add	*9.97*	
		For Schedule 80 (A-106) Carbon Steel Pipe, Add	*36.28*	
23 21 13 23-0424	LF	8" Schedule 40, Welded Plain End (A-106) Seamless, Carbon Steel Pipe	130.48	23.19
		For Work In Restricted Working Space, Add	*13.91*	
		For Schedule 80 (A-106) Carbon Steel Pipe, Add	*54.05*	
23 21 13 23-0425	LF	10" Schedule 40, Welded Plain End (A-106) Seamless, Carbon Steel Pipe	175.81	27.93
		For Work In Restricted Working Space, Add	*16.76*	
		For Schedule 80 (A-106) Carbon Steel Pipe, Add	*75.55*	
23 21 13 23-0426	LF	12" Schedule 40, Welded Plain End (A-106) Seamless, Carbon Steel Pipe	214.38	33.76
		For Work In Restricted Working Space, Add	*20.26*	
		For Schedule 80 (A-106) Carbon Steel Pipe, Add	*92.37*	
23 21 13 23-0427	LF	14" Schedule 40, Welded Plain End (A-106) Seamless, Carbon Steel Pipe	251.78	35.59
		For Work In Restricted Working Space, Add	*21.35*	
		For Schedule 80 (A-106) Carbon Steel Pipe, Add	*111.81*	
23 21 13 23-0428	LF	16" Schedule 40, Welded Plain End (A-106) Seamless, Carbon Steel Pipe	290.91	38.29
		For Work In Restricted Working Space, Add	*22.97*	
		For Schedule 80 (A-106) Carbon Steel Pipe, Add	*131.51*	
23 21 13 23-0429	LF	18" Schedule 40, Welded Plain End (A-106) Seamless, Carbon Steel Pipe	353.24	41.42
		For Work In Restricted Working Space, Add	*24.85*	
		For Schedule 80 (A-106) Carbon Steel Pipe, Add	*163.85*	
23 21 13 23-0430	LF	20" Schedule 40, Welded Plain End (A-106) Seamless, Carbon Steel Pipe	425.69	49.62
		For Work In Restricted Working Space, Add	*29.77*	
		For Schedule 80 (A-106) Carbon Steel Pipe, Add	*197.70*	
23 21 13 23-0431	LF	24" Schedule 40, Welded Plain End (A-106) Seamless, Carbon Steel Pipe	537.06	57.06
		For Work In Restricted Working Space, Add	*34.23*	
		For Schedule 80 (A-106) Carbon Steel Pipe, Add	*253.97*	

23 21 13 23-0432 Welded Plain End Black Steel 90 Degree Elbows *(23 21 13 23-0393)*

23 21 13 23-0433	EA	3/4" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	124.91	68.38
		For Schedule 80 Or Extra Heavy Fittings, Add	*26.71*	
		For Work In Restricted Working Space, Add	*30.74*	
23 21 13 23-0434	EA	1" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	130.28	71.94
		For Schedule 80 Or Extra Heavy Fittings, Add	*27.76*	
		For Work In Restricted Working Space, Add	*32.35*	
23 21 13 23-0435	EA	1-1/4" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	145.38	81.97
		For Schedule 80 Or Extra Heavy Fittings, Add	*30.71*	
		For Work In Restricted Working Space, Add	*36.88*	
23 21 13 23-0436	EA	1-1/2" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	155.08	88.44
		For Schedule 80 Or Extra Heavy Fittings, Add	*32.60*	
		For Work In Restricted Working Space, Add	*39.79*	
23 21 13 23-0437	EA	2" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	194.99	115.09
		For Schedule 80 Or Extra Heavy Fittings, Add	*40.38*	
		For Work In Restricted Working Space, Add	*51.77*	
23 21 13 23-0438	EA	2-1/2" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	245.60	143.89
		For Schedule 80 Or Extra Heavy Fittings, Add	*51.03*	
		For Work In Restricted Working Space, Add	*64.70*	
23 21 13 23-0439	EA	3" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	253.04	144.98
		For Schedule 80 Or Extra Heavy Fittings, Add	*53.10*	
		For Work In Restricted Working Space, Add	*65.18*	
23 21 13 23-0440	EA	4" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	434.69	250.49
		For Schedule 80 Or Extra Heavy Fittings, Add	*90.97*	
		For Work In Restricted Working Space, Add	*112.67*	
23 21 13 23-0441	EA	6" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	765.23	413.37
		For Schedule 80 Or Extra Heavy Fittings, Add	*164.49*	
		For Work In Restricted Working Space, Add	*185.95*	
23 21 13 23-0442	EA	8" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	1,146.22	584.50
		For Schedule 80 Or Extra Heavy Fittings, Add	*251.85*	
		For Work In Restricted Working Space, Add	*262.91*	
23 21 13 23-0443	EA	10" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	1,497.01	668.09
		For Schedule 80 Or Extra Heavy Fittings, Add	*343.94*	
		For Work In Restricted Working Space, Add	*300.47*	
23 21 13 23-0444	EA	12" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	2,028.87	874.11
		For Schedule 80 Or Extra Heavy Fittings, Add	*471.06*	
		For Work In Restricted Working Space, Add	*393.14*	
23 21 13 23-0445	EA	14" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	2,521.42	1,033.20
		For Schedule 80 Or Extra Heavy Fittings, Add	*593.78*	
		For Work In Restricted Working Space, Add	*464.71*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0446	EA	16" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	3,139.79	1,206.53
		For Schedule 80 Or Extra Heavy Fittings, Add	*752.01*	
		For Work In Restricted Working Space, Add	*542.64*	
23 21 13 23-0447	EA	18" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	3,729.99	1,345.34
		For Schedule 80 Or Extra Heavy Fittings, Add	*907.22*	
		For Work In Restricted Working Space, Add	*605.09*	
23 21 13 23-0448	EA	20" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	4,779.39	1,508.43
		For Schedule 80 Or Extra Heavy Fittings, Add	*1,196.35*	
		For Work In Restricted Working Space, Add	*678.48*	
23 21 13 23-0449	EA	24" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	5,627.49	1,558.80
		For Schedule 80 Or Extra Heavy Fittings, Add	*1,442.86*	
		For Work In Restricted Working Space, Add	*701.09*	

23 21 13 23-0450 Welded Plain End Black Steel Reducing 90 Degree Elbows *(23 21 13 23-0393)*

23 21 13 23-0451	EA	4" x 3" 90 Standard Weight, Welded Plain End Black Steel Reducing 90 Degree Elbow	619.51	250.92
		For Schedule 80 Or Extra Heavy Fittings, Add	*146.35*	
		For Work In Restricted Working Space, Add	*112.88*	
23 21 13 23-0452	EA	6" x 4" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	1,088.57	408.66
		For Schedule 80 Or Extra Heavy Fittings, Add	*262.23*	
		For Work In Restricted Working Space, Add	*183.83*	
23 21 13 23-0453	EA	6" x 3" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	1,170.15	408.66
		For Schedule 80 Or Extra Heavy Fittings, Add	*286.71*	
		For Work In Restricted Working Space, Add	*183.83*	
23 21 13 23-0454	EA	8" x 6" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	1,880.09	584.50
		For Schedule 80 Or Extra Heavy Fittings, Add	*472.01*	
		For Work In Restricted Working Space, Add	*262.91*	
23 21 13 23-0455	EA	8" x 4" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	2,074.61	584.50
		For Schedule 80 Or Extra Heavy Fittings, Add	*530.36*	
		For Work In Restricted Working Space, Add	*262.91*	
23 21 13 23-0456	EA	10" x 8" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	2,605.93	668.09
		For Schedule 80 Or Extra Heavy Fittings, Add	*676.62*	
		For Work In Restricted Working Space, Add	*300.47*	
23 21 13 23-0457	EA	10" x 6" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	2,605.93	668.09
		For Schedule 80 Or Extra Heavy Fittings, Add	*676.62*	
		For Work In Restricted Working Space, Add	*300.47*	
23 21 13 23-0458	EA	12" x 10" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	4,314.16	890.71
		For Schedule 80 Or Extra Heavy Fittings, Add	*1,154.03*	
		For Work In Restricted Working Space, Add	*400.63*	
23 21 13 23-0459	EA	12" x 8" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	4,314.16	890.71
		For Schedule 80 Or Extra Heavy Fittings, Add	*1,154.03*	
		For Work In Restricted Working Space, Add	*400.63*	
23 21 13 23-0460	EA	12" x 6" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	4,843.27	890.71
		For Schedule 80 Or Extra Heavy Fittings, Add	*1,312.76*	
		For Work In Restricted Working Space, Add	*400.63*	

23 21 13 23-0461 Welded Plain End Black Steel 45 Degree Elbows *(23 21 13 23-0393)*

23 21 13 23-0462	EA	3/4" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	108.95	60.80
		For Schedule 80 Or Extra Heavy Fittings, Add	*23.12*	
		For Work In Restricted Working Space, Add	*27.34*	
23 21 13 23-0463	EA	1" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	112.17	62.94
		For Schedule 80 Or Extra Heavy Fittings, Add	*23.74*	
		For Work In Restricted Working Space, Add	*28.31*	
23 21 13 23-0464	EA	1-1/4" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	126.12	72.27
		For Schedule 80 Or Extra Heavy Fittings, Add	*26.46*	
		For Work In Restricted Working Space, Add	*32.49*	
23 21 13 23-0465	EA	1-1/2" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	134.69	77.95
		For Schedule 80 Or Extra Heavy Fittings, Add	*28.13*	
		For Work In Restricted Working Space, Add	*35.06*	
23 21 13 23-0466	EA	2" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	169.01	100.80
		For Schedule 80 Or Extra Heavy Fittings, Add	*34.83*	
		For Work In Restricted Working Space, Add	*45.36*	
23 21 13 23-0467	EA	2-1/2" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	210.54	126.64
		For Schedule 80 Or Extra Heavy Fittings, Add	*43.23*	
		For Work In Restricted Working Space, Add	*56.94*	
23 21 13 23-0468	EA	3" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	243.35	144.87
		For Schedule 80 Or Extra Heavy Fittings, Add	*50.19*	
		For Work In Restricted Working Space, Add	*65.17*	
23 21 13 23-0469	EA	4" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	418.63	250.39
		For Schedule 80 Or Extra Heavy Fittings, Add	*86.17*	
		For Work In Restricted Working Space, Add	*112.64*	
23 21 13 23-0470	EA	6" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	725.28	412.95
		For Schedule 80 Or Extra Heavy Fittings, Add	*152.58*	
		For Work In Restricted Working Space, Add	*185.74*	
23 21 13 23-0471	EA	8" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	1,073.39	584.50
		For Schedule 80 Or Extra Heavy Fittings, Add	*230.00*	
		For Work In Restricted Working Space, Add	*262.91*	
23 21 13 23-0472	EA	10" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	1,363.32	668.09
		For Schedule 80 Or Extra Heavy Fittings, Add	*303.83*	
		For Work In Restricted Working Space, Add	*300.47*	
23 21 13 23-0473	EA	12" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	1,832.57	872.48
		For Schedule 80 Or Extra Heavy Fittings, Add	*412.43*	
		For Work In Restricted Working Space, Add	*392.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0474	EA	14" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	2,261.08	1,034.60
		For Schedule 80 Or Extra Heavy Fittings, Add	*515.46*	
		For Work In Restricted Working Space, Add	*465.33*	
23 21 13 23-0475	EA	16" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	2,778.76	1,205.24
		For Schedule 80 Or Extra Heavy Fittings, Add	*643.90*	
		For Work In Restricted Working Space, Add	*542.08*	
23 21 13 23-0476	EA	18" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	3,265.41	1,343.73
		For Schedule 80 Or Extra Heavy Fittings, Add	*768.09*	
		For Work In Restricted Working Space, Add	*604.39*	
23 21 13 23-0477	EA	20" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	4,099.96	1,508.43
		For Schedule 80 Or Extra Heavy Fittings, Add	*992.52*	
		For Work In Restricted Working Space, Add	*678.48*	
23 21 13 23-0478	EA	24" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	4,739.54	1,558.80
		For Schedule 80 Or Extra Heavy Fittings, Add	*1,176.48*	
		For Work In Restricted Working Space, Add	*701.09*	

23 21 13 23-0479 Welded Plain End Black Steel Tee *(23 21 13 23-0393)*

23 21 13 23-0480	EA	3/4" Standard Weight, Welded Plain End Black Steel Tee	225.36	114.42
		For Schedule 80 Or Extra Heavy Fittings, Add	*49.59*	
		For Work In Restricted Working Space, Add	*51.47*	
23 21 13 23-0481	EA	1" Standard Weight, Welded Plain End Black Steel Tee	225.31	114.42
		For Schedule 80 Or Extra Heavy Fittings, Add	*49.58*	
		For Work In Restricted Working Space, Add	*51.46*	
23 21 13 23-0482	EA	1-1/4" Standard Weight, Welded Plain End Black Steel Tee	255.65	127.28
		For Schedule 80 Or Extra Heavy Fittings, Add	*56.66*	
		For Work In Restricted Working Space, Add	*57.24*	
23 21 13 23-0483	EA	1-1/2" Standard Weight, Welded Plain End Black Steel Tee	279.30	143.05
		For Schedule 80 Or Extra Heavy Fittings, Add	*61.27*	
		For Work In Restricted Working Space, Add	*64.34*	
23 21 13 23-0484	EA	2" Standard Weight, Welded Plain End Black Steel Tee	343.67	190.98
		For Schedule 80 Or Extra Heavy Fittings, Add	*73.04*	
		For Work In Restricted Working Space, Add	*85.90*	
23 21 13 23-0485	EA	2-1/2" Standard Weight, Welded Plain End Black Steel Tee	392.95	214.57
		For Schedule 80 Or Extra Heavy Fittings, Add	*84.11*	
		For Work In Restricted Working Space, Add	*96.51*	
23 21 13 23-0486	EA	3" Standard Weight, Welded Plain End Black Steel Tee	469.19	260.57
		For Schedule 80 Or Extra Heavy Fittings, Add	*99.77*	
		For Work In Restricted Working Space, Add	*117.10*	
23 21 13 23-0487	EA	4" Standard Weight, Welded Plain End Black Steel Tee	674.09	376.49
		For Schedule 80 Or Extra Heavy Fittings, Add	*142.97*	
		For Work In Restricted Working Space, Add	*169.31*	
23 21 13 23-0488	EA	6" Standard Weight, Welded Plain End Black Steel Tee	1,132.15	621.94
		For Schedule 80 Or Extra Heavy Fittings, Add	*241.74*	
		For Work In Restricted Working Space, Add	*279.74*	
23 21 13 23-0489	EA	8" Standard Weight, Welded Plain End Black Steel Tee	1,705.18	890.71
		For Schedule 80 Or Extra Heavy Fittings, Add	*371.33*	
		For Work In Restricted Working Space, Add	*400.63*	
23 21 13 23-0490	EA	10" Standard Weight, Welded Plain End Black Steel Tee	2,177.97	1,039.13
		For Schedule 80 Or Extra Heavy Fittings, Add	*489.80*	
		For Work In Restricted Working Space, Add	*467.40*	
23 21 13 23-0491	EA	12" Standard Weight, Welded Plain End Black Steel Tee	2,946.07	1,336.07
		For Schedule 80 Or Extra Heavy Fittings, Add	*673.49*	
		For Work In Restricted Working Space, Add	*600.94*	
23 21 13 23-0492	EA	14" Standard Weight, Welded Plain End Black Steel Tee	3,853.02	1,558.80
		For Schedule 80 Or Extra Heavy Fittings, Add	*910.52*	
		For Work In Restricted Working Space, Add	*701.09*	
23 21 13 23-0493	EA	16" Standard Weight, Welded Plain End Black Steel Tee	4,637.17	1,870.52
		For Schedule 80 Or Extra Heavy Fittings, Add	*1,096.69*	
		For Work In Restricted Working Space, Add	*841.31*	
23 21 13 23-0494	EA	18" Standard Weight, Welded Plain End Black Steel Tee	6,109.79	2,078.37
		For Schedule 80 Or Extra Heavy Fittings, Add	*1,505.76*	
		For Work In Restricted Working Space, Add	*934.79*	
23 21 13 23-0495	EA	20" Standard Weight, Welded Plain End Black Steel Tee	8,127.54	2,338.20
		For Schedule 80 Or Extra Heavy Fittings, Add	*2,070.19*	
		For Work In Restricted Working Space, Add	*1,051.64*	
23 21 13 23-0496	EA	24" Standard Weight, Welded Plain End Black Steel Tee	9,412.80	2,518.06
		For Schedule 80 Or Extra Heavy Fittings, Add	*2,427.45*	
		For Work In Restricted Working Space, Add	*1,132.54*	

23 21 13 23-0497 Welded Plain End Black Steel Reducing Tees *(23 21 13 23-0393)*

23 21 13 23-0498	EA	3/4" Standard Weight, Welded Plain End Black Steel Reducing Tee	220.00	110.88
		For Schedule 80 Or Extra Heavy Fittings, Add	*48.55*	
		For Work In Restricted Working Space, Add	*49.86*	
23 21 13 23-0499	EA	1" Standard Weight, Welded Plain End Black Steel Reducing Tee	225.31	114.42
		For Schedule 80 Or Extra Heavy Fittings, Add	*49.58*	
		For Work In Restricted Working Space, Add	*51.46*	
23 21 13 23-0500	EA	1-1/4" Standard Weight, Welded Plain End Black Steel Reducing Tee	252.21	127.28
		For Schedule 80 Or Extra Heavy Fittings, Add	*55.63*	
		For Work In Restricted Working Space, Add	*57.24*	
23 21 13 23-0501	EA	1-1/2" Standard Weight, Welded Plain End Black Steel Reducing Tee	275.86	143.05
		For Schedule 80 Or Extra Heavy Fittings, Add	*60.24*	
		For Work In Restricted Working Space, Add	*64.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0502	EA	2" Standard Weight, Welded Plain End Black Steel Reducing Tee	351.39	190.98
		For Schedule 80 Or Extra Heavy Fittings, Add	*75.34*	
		For Work In Restricted Working Space, Add	*85.92*	
23 21 13 23-0503	EA	2-1/2" Standard Weight, Welded Plain End Black Steel Reducing Tee	393.08	214.68
		For Schedule 80 Or Extra Heavy Fittings, Add	*84.13*	
		For Work In Restricted Working Space, Add	*96.55*	
23 21 13 23-0504	EA	3" Standard Weight, Welded Plain End Black Steel Reducing Tee	469.55	260.57
		For Schedule 80 Or Extra Heavy Fittings, Add	*99.88*	
		For Work In Restricted Working Space, Add	*117.10*	
23 21 13 23-0505	EA	4" Standard Weight, Welded Plain End Black Steel Reducing Tee	674.60	376.49
		For Schedule 80 Or Extra Heavy Fittings, Add	*143.12*	
		For Work In Restricted Working Space, Add	*169.31*	
23 21 13 23-0506	EA	6" Standard Weight, Welded Plain End Black Steel Reducing Tee	1,133.02	621.94
		For Schedule 80 Or Extra Heavy Fittings, Add	*242.00*	
		For Work In Restricted Working Space, Add	*279.74*	
23 21 13 23-0507	EA	8" Standard Weight, Welded Plain End Black Steel Reducing Tee	1,706.85	890.71
		For Schedule 80 Or Extra Heavy Fittings, Add	*371.84*	
		For Work In Restricted Working Space, Add	*400.63*	
23 21 13 23-0508	EA	10" Standard Weight, Welded Plain End Black Steel Reducing Tee	2,180.80	1,039.13
		For Schedule 80 Or Extra Heavy Fittings, Add	*490.65*	
		For Work In Restricted Working Space, Add	*467.40*	
23 21 13 23-0509	EA	12" Standard Weight, Welded Plain End Black Steel Reducing Tee	2,950.35	1,336.07
		For Schedule 80 Or Extra Heavy Fittings, Add	*674.78*	
		For Work In Restricted Working Space, Add	*600.94*	
23 21 13 23-0510	EA	14" Standard Weight, Welded Plain End Black Steel Reducing Tee	3,859.91	1,558.80
		For Schedule 80 Or Extra Heavy Fittings, Add	*912.59*	
		For Work In Restricted Working Space, Add	*701.09*	
23 21 13 23-0511	EA	16" Standard Weight, Welded Plain End Black Steel Reducing Tee	4,645.51	1,870.52
		For Schedule 80 Or Extra Heavy Fittings, Add	*1,099.19*	
		For Work In Restricted Working Space, Add	*841.31*	
23 21 13 23-0512	EA	18" Standard Weight, Welded Plain End Black Steel Reducing Tee	6,123.43	2,078.37
		For Schedule 80 Or Extra Heavy Fittings, Add	*1,509.85*	
		For Work In Restricted Working Space, Add	*934.79*	
23 21 13 23-0513	EA	20" Standard Weight, Welded Plain End Black Steel Reducing Tee	8,260.02	2,338.20
		For Schedule 80 Or Extra Heavy Fittings, Add	*2,109.93*	
		For Work In Restricted Working Space, Add	*1,051.64*	
23 21 13 23-0514	EA	24" Standard Weight, Welded Plain End Black Steel Reducing Tee	10,004.60	2,518.06
		For Schedule 80 Or Extra Heavy Fittings, Add	*2,604.99*	
		For Work In Restricted Working Space, Add	*1,132.54*	

23 21 13 23-0515 Welded Plain End Black Steel Caps *(23 21 13 23-0393)*

23 21 13 23-0516	EA	1" Standard Weight, Welded Plain End Black Steel Cap	65.02	35.81
		For Schedule 80 Fittings, Add	*12.80*	
		For Work In Restricted Working Space, Add	*16.09*	
23 21 13 23-0517	EA	1-1/4" Standard Weight, Welded Plain End Black Steel Cap	71.08	39.36
		For Schedule 80 Fittings, Add	*13.95*	
		For Work In Restricted Working Space, Add	*17.69*	
23 21 13 23-0518	EA	1-1/2" Standard Weight, Welded Plain End Black Steel Cap	73.94	40.74
		For Schedule 80 Fittings, Add	*14.54*	
		For Work In Restricted Working Space, Add	*18.34*	
23 21 13 23-0519	EA	2" Standard Weight, Welded Plain End Black Steel Cap	91.76	52.22
		For Schedule 80 Fittings, Add	*17.74*	
		For Work In Restricted Working Space, Add	*23.49*	
23 21 13 23-0520	EA	2-1/2" Standard Weight, Welded Plain End Black Steel Cap	108.48	62.94
		For Schedule 80 Fittings, Add	*20.75*	
		For Work In Restricted Working Space, Add	*28.31*	
23 21 13 23-0521	EA	3" Standard Weight, Welded Plain End Black Steel Cap	127.38	72.60
		For Schedule 80 Fittings, Add	*24.61*	
		For Work In Restricted Working Space, Add	*32.66*	
23 21 13 23-0522	EA	4" Standard Weight, Welded Plain End Black Steel Cap	212.78	125.46
		For Schedule 80 Fittings, Add	*40.32*	
		For Work In Restricted Working Space, Add	*56.44*	
23 21 13 23-0523	EA	6" Standard Weight, Welded Plain End Black Steel Cap	357.63	207.28
		For Schedule 80 Fittings, Add	*68.44*	
		For Work In Restricted Working Space, Add	*93.25*	
23 21 13 23-0524	EA	8" Standard Weight, Welded Plain End Black Steel Cap	505.87	290.59
		For Schedule 80 Fittings, Add	*97.31*	
		For Work In Restricted Working Space, Add	*130.69*	
23 21 13 23-0525	EA	10" Standard Weight, Welded Plain End Black Steel Cap	673.17	366.84
		For Schedule 80 Fittings, Add	*133.21*	
		For Work In Restricted Working Space, Add	*164.97*	
23 21 13 23-0526	EA	12" Standard Weight, Welded Plain End Black Steel Cap	806.30	435.00
		For Schedule 80 Fittings, Add	*160.37*	
		For Work In Restricted Working Space, Add	*195.65*	
23 21 13 23-0527	EA	14" Standard Weight, Welded Plain End Black Steel Cap	1,068.71	519.57
		For Schedule 80 Fittings, Add	*223.24*	
		For Work In Restricted Working Space, Add	*233.70*	
23 21 13 23-0528	EA	16" Standard Weight, Welded Plain End Black Steel Cap	1,241.15	603.37
		For Schedule 80 Fittings, Add	*259.27*	
		For Work In Restricted Working Space, Add	*271.39*	
23 21 13 23-0529	EA	18" Standard Weight, Welded Plain End Black Steel Cap	1,388.60	668.09
		For Schedule 80 Fittings, Add	*291.39*	
		For Work In Restricted Working Space, Add	*300.47*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0530		**Welded Plain End Black Steel Eccentric Reducers** *(23 21 13 23-0393)*		
23 21 13 23-0531	EA	1" x 3/4" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	150.38	69.74
		For Schedule 80 Or Extra Heavy Fittings, Add	*34.14*	
		For Work In Restricted Working Space, Add	*31.36*	
23 21 13 23-0532	EA	1-/4" x 1" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	160.56	76.52
		For Schedule 80 Or Extra Heavy Fittings, Add	*36.12*	
		For Work In Restricted Working Space, Add	*34.42*	
23 21 13 23-0533	EA	1-/4" x 3/4" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	157.89	74.74
		For Schedule 80 Or Extra Heavy Fittings, Add	*35.60*	
		For Work In Restricted Working Space, Add	*33.62*	
23 21 13 23-0534	EA	1-/2" x 1-1/4" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	172.89	84.75
		For Schedule 80 Or Extra Heavy Fittings, Add	*38.53*	
		For Work In Restricted Working Space, Add	*38.12*	
23 21 13 23-0535	EA	1-/2" x 1" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	165.38	79.74
		For Schedule 80 Or Extra Heavy Fittings, Add	*37.06*	
		For Work In Restricted Working Space, Add	*35.86*	
23 21 13 23-0536	EA	1-/2" x 3/4" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	162.71	77.95
		For Schedule 80 Or Extra Heavy Fittings, Add	*36.54*	
		For Work In Restricted Working Space, Add	*35.06*	
23 21 13 23-0537	EA	2" x 1-1/2" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	179.48	101.18
		For Schedule 80 Or Extra Heavy Fittings, Add	*37.91*	
		For Work In Restricted Working Space, Add	*45.51*	
23 21 13 23-0538	EA	2" x 1-1/4" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	191.87	97.96
		For Schedule 80 Or Extra Heavy Fittings, Add	*42.14*	
		For Work In Restricted Working Space, Add	*44.07*	
23 21 13 23-0539	EA	2" x 1" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	184.36	92.97
		For Schedule 80 Or Extra Heavy Fittings, Add	*40.67*	
		For Work In Restricted Working Space, Add	*41.81*	
23 21 13 23-0540	EA	2-1/2" x 2" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	225.20	128.72
		For Schedule 80 Or Extra Heavy Fittings, Add	*47.30*	
		For Work In Restricted Working Space, Add	*57.90*	
23 21 13 23-0541	EA	2-1/2" x 1-1/2" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	210.91	115.49
		For Schedule 80 Or Extra Heavy Fittings, Add	*45.09*	
		For Work In Restricted Working Space, Add	*51.95*	
23 21 13 23-0542	EA	2-1/2" x 1-1/4" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	236.63	112.27
		For Schedule 80 Or Extra Heavy Fittings, Add	*53.32*	
		For Work In Restricted Working Space, Add	*50.50*	
23 21 13 23-0543	EA	3" x 2-1/2" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	251.90	144.44
		For Schedule 80 Or Extra Heavy Fittings, Add	*52.82*	
		For Work In Restricted Working Space, Add	*64.99*	
23 21 13 23-0544	EA	3" x 2" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	254.39	144.44
		For Schedule 80 Or Extra Heavy Fittings, Add	*53.57*	
		For Work In Restricted Working Space, Add	*64.99*	
23 21 13 23-0545	EA	3" x 1-1/2" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	259.67	144.44
		For Schedule 80 Or Extra Heavy Fittings, Add	*55.15*	
		For Work In Restricted Working Space, Add	*64.99*	
23 21 13 23-0546	EA	4" x 3" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	422.36	250.92
		For Schedule 80 Or Extra Heavy Fittings, Add	*87.20*	
		For Work In Restricted Working Space, Add	*112.88*	
23 21 13 23-0547	EA	4" x 2-1/2" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	424.85	250.92
		For Schedule 80 Or Extra Heavy Fittings, Add	*87.95*	
		For Work In Restricted Working Space, Add	*112.88*	
23 21 13 23-0548	EA	4" x 2" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	432.35	250.92
		For Schedule 80 Or Extra Heavy Fittings, Add	*90.20*	
		For Work In Restricted Working Space, Add	*112.88*	
23 21 13 23-0549	EA	6" x 4" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	707.72	408.66
		For Schedule 80 Or Extra Heavy Fittings, Add	*147.98*	
		For Work In Restricted Working Space, Add	*183.83*	
23 21 13 23-0550	EA	6" x 3" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	761.59	408.66
		For Schedule 80 Or Extra Heavy Fittings, Add	*164.14*	
		For Work In Restricted Working Space, Add	*183.83*	
23 21 13 23-0551	EA	8" x 6" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	1,053.52	621.94
		For Schedule 80 Or Extra Heavy Fittings, Add	*218.15*	
		For Work In Restricted Working Space, Add	*279.74*	
23 21 13 23-0552	EA	8" x 4" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	1,153.76	621.94
		For Schedule 80 Or Extra Heavy Fittings, Add	*248.22*	
		For Work In Restricted Working Space, Add	*279.74*	
23 21 13 23-0553	EA	10" x 8" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	1,230.88	715.24
		For Schedule 80 Or Extra Heavy Fittings, Add	*256.67*	
		For Work In Restricted Working Space, Add	*321.70*	
23 21 13 23-0554	EA	10" x 6" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	1,351.39	715.24
		For Schedule 80 Or Extra Heavy Fittings, Add	*292.82*	
		For Work In Restricted Working Space, Add	*321.70*	
23 21 13 23-0555	EA	10" x 4" Standard Weight, Welded Plain End Black Steel Eccentric Reducer	1,509.94	715.24
		For Schedule 80 Or Extra Heavy Fittings, Add	*340.39*	
		For Concentric Reducers, Deduct	*-140.04*	
		For Work In Restricted Working Space, Add	*321.70*	
23 21 13 23-0556	EA	12" x 10" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	1,580.29	888.99
		For Schedule 80 Or Extra Heavy Fittings, Add	*334.13*	
		For Work In Restricted Working Space, Add	*399.86*	
23 21 13 23-0557	EA	12" x 8" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	1,721.08	888.99
		For Schedule 80 Or Extra Heavy Fittings, Add	*376.37*	
		For Work In Restricted Working Space, Add	*399.86*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0558	EA	12" x 6" Standard Weight, Welded Plain End Black Steel Eccentric Reducer	1,959.05	888.99
		For Schedule 80 Or Extra Heavy Fittings, Add	*447.76*	
		For Concentric Reducers, Deduct	*-200.37*	
		For Work In Restricted Working Space, Add	*399.86*	
23 21 13 23-0559	EA	12" x 4" Standard Weight, Welded Plain End Black Steel Eccentric Reducer	1,576.30	888.99
		For Schedule 80 Or Extra Heavy Fittings, Add	*332.94*	
		For Concentric Reducers, Deduct	*-77.89*	
		For Work In Restricted Working Space, Add	*399.86*	
23 21 13 23-0560	EA	14" x 12" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	1,992.28	1,039.13
		For Schedule 80 Or Extra Heavy Fittings, Add	*434.10*	
		For Work In Restricted Working Space, Add	*467.40*	
23 21 13 23-0561	EA	14" x 10" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	2,066.42	1,039.13
		For Schedule 80 Or Extra Heavy Fittings, Add	*456.34*	
		For Work In Restricted Working Space, Add	*467.40*	
23 21 13 23-0562	EA	14" x 8" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	2,805.57	1,039.13
		For Schedule 80 Or Extra Heavy Fittings, Add	*678.08*	
		For Work In Restricted Working Space, Add	*467.40*	
23 21 13 23-0563	EA	16" x 14" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	2,416.94	1,169.11
		For Schedule 80 Or Extra Heavy Fittings, Add	*541.04*	
		For Work In Restricted Working Space, Add	*525.82*	
23 21 13 23-0564	EA	16" x 12" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	2,635.20	1,169.11
		For Schedule 80 Or Extra Heavy Fittings, Add	*606.52*	
		For Work In Restricted Working Space, Add	*525.82*	
23 21 13 23-0565	EA	16" x 10" Standard Weight, Welded Plain End Black Steel Eccentric Reducer	2,720.17	1,169.11
		For Schedule 80 Or Extra Heavy Fittings, Add	*632.01*	
		For Concentric Reducers, Deduct	*-309.58*	
		For Work In Restricted Working Space, Add	*525.82*	
23 21 13 23-0566	EA	16" x 8" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	3,677.33	1,169.11
		For Schedule 80 Or Extra Heavy Fittings, Add	*919.16*	
		For Work In Restricted Working Space, Add	*525.82*	
23 21 13 23-0567	EA	16" x 6" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	4,153.62	1,169.11
		For Schedule 80 Or Extra Heavy Fittings, Add	*1,062.05*	
		For Work In Restricted Working Space, Add	*525.82*	
23 21 13 23-0568	EA	18" x 16" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	3,199.63	1,336.07
		For Schedule 80 Or Extra Heavy Fittings, Add	*749.56*	
		For Work In Restricted Working Space, Add	*600.94*	
23 21 13 23-0569	EA	18" x 14" Standard Weight, Welded Plain End Black Steel Eccentric Reducer	2,217.68	1,336.07
		For Schedule 80 Or Extra Heavy Fittings, Add	*454.98*	
		For Concentric Reducers, Deduct	*-68.66*	
		For Work In Restricted Working Space, Add	*600.94*	
23 21 13 23-0570	EA	18" x 12" Standard Weight, Welded Plain End Black Steel Eccentric Reducer	3,314.33	1,336.07
		For Schedule 80 Or Extra Heavy Fittings, Add	*783.97*	
		For Concentric Reducers, Deduct	*-419.58*	
		For Work In Restricted Working Space, Add	*600.94*	
23 21 13 23-0571	EA	18" x 10" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	3,483.42	1,336.07
		For Schedule 80 Or Extra Heavy Fittings, Add	*834.70*	
		For Work In Restricted Working Space, Add	*600.94*	
23 21 13 23-0572	EA	18" x 8" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	4,913.03	1,336.07
		For Schedule 80 Or Extra Heavy Fittings, Add	*1,263.58*	
		For Work In Restricted Working Space, Add	*600.94*	
23 21 13 23-0573	EA	20" x 18" Standard Weight, Welded Plain End Black Steel Eccentric Reducer	3,764.38	1,508.43
		For Schedule 80 Or Extra Heavy Fittings, Add	*891.85*	
		For Concentric Reducers, Deduct	*-480.89*	
		For Work In Restricted Working Space, Add	*678.48*	
23 21 13 23-0574	EA	20" x 16" Standard Weight, Welded Plain End Black Steel Eccentric Reducer	3,760.50	1,508.43
		For Schedule 80 Or Extra Heavy Fittings, Add	*890.68*	
		For Concentric Reducers, Deduct	*-479.65*	
		For Work In Restricted Working Space, Add	*678.48*	
23 21 13 23-0575	EA	20" x 14" Standard Weight, Welded Plain End Black Steel Eccentric Reducer	5,651.77	1,508.43
		For Schedule 80 Or Extra Heavy Fittings, Add	*1,458.06*	
		For Concentric Reducers, Deduct	*-1,084.86*	
		For Work In Restricted Working Space, Add	*678.48*	
23 21 13 23-0576	EA	20" x 12" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	6,410.38	1,508.43
		For Schedule 80 Or Extra Heavy Fittings, Add	*1,685.65*	
		For Work In Restricted Working Space, Add	*678.48*	
23 21 13 23-0577	EA	20" x 10" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	7,548.32	1,508.43
		For Schedule 80 Or Extra Heavy Fittings, Add	*2,027.03*	
		For Work In Restricted Working Space, Add	*678.48*	
23 21 13 23-0578	EA	24" x 20" Standard Weight, Welded Plain End Black Steel Eccentric Reducer	4,307.39	1,558.80
		For Schedule 80 Or Extra Heavy Fittings, Add	*1,046.83*	
		For Concentric Reducers, Deduct	*-630.53*	
		For Work In Restricted Working Space, Add	*701.09*	
23 21 13 23-0579	EA	24" x 18" Standard Weight, Welded Plain End Black Steel Eccentric Reducer	4,536.66	1,558.80
		For Schedule 80 Or Extra Heavy Fittings, Add	*1,115.62*	
		For Concentric Reducers, Deduct	*-703.90*	
		For Work In Restricted Working Space, Add	*701.09*	
23 21 13 23-0580	EA	24" x 16" Standard Weight, Welded Plain End Black Steel Eccentric Reducer	5,601.91	1,558.80
		For Schedule 80 Or Extra Heavy Fittings, Add	*1,435.19*	
		For Concentric Reducers, Deduct	*-1,044.78*	
		For Work In Restricted Working Space, Add	*701.09*	
23 21 13 23-0581	EA	24" x 14" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	7,584.26	1,558.80
		For Schedule 80 Or Extra Heavy Fittings, Add	*2,029.90*	
		For Work In Restricted Working Space, Add	*701.09*	
23 21 13 23-0582	EA	24" x 12" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	9,070.65	1,558.80
		For Schedule 80 Or Extra Heavy Fittings, Add	*2,475.81*	
		For Work In Restricted Working Space, Add	*701.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0583		Welded Plain End Black Steel Concentric Reducers *(23 21 13 23-0393)*		
23 21 13 23-0584	EA	1" x 3/4" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	138.38	69.74
		For Schedule 80 Or Extra Heavy Fittings, Add	*30.54*	
		For Work In Restricted Working Space, Add	*31.36*	
23 21 13 23-0585	EA	1-/4" x 1" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	148.56	76.52
		For Schedule 80 Or Extra Heavy Fittings, Add	*32.52*	
		For Work In Restricted Working Space, Add	*34.42*	
23 21 13 23-0586	EA	1-/4" x 3/4" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	145.89	74.74
		For Schedule 80 Or Extra Heavy Fittings, Add	*32.00*	
		For Work In Restricted Working Space, Add	*33.62*	
23 21 13 23-0587	EA	1-/2" x 1-1/4" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	160.89	84.75
		For Schedule 80 Or Extra Heavy Fittings, Add	*34.93*	
		For Work In Restricted Working Space, Add	*38.12*	
23 21 13 23-0588	EA	1-/2" x 1" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	153.38	79.74
		For Schedule 80 Or Extra Heavy Fittings, Add	*33.46*	
		For Work In Restricted Working Space, Add	*35.86*	
23 21 13 23-0589	EA	1-/2" x 3/4" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	150.71	77.95
		For Schedule 80 Or Extra Heavy Fittings, Add	*32.94*	
		For Work In Restricted Working Space, Add	*35.06*	
23 21 13 23-0590	EA	2" x 1-1/2" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	173.37	101.18
		For Schedule 80 Or Extra Heavy Fittings, Add	*36.08*	
		For Work In Restricted Working Space, Add	*45.51*	
23 21 13 23-0591	EA	2" x 1-1/4" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	168.55	97.96
		For Schedule 80 Or Extra Heavy Fittings, Add	*35.14*	
		For Work In Restricted Working Space, Add	*44.07*	
23 21 13 23-0592	EA	2" x 1" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	169.37	92.97
		For Schedule 80 Or Extra Heavy Fittings, Add	*36.18*	
		For Work In Restricted Working Space, Add	*41.81*	
23 21 13 23-0593	EA	2-1/2" x 2" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	220.76	128.72
		For Schedule 80 Or Extra Heavy Fittings, Add	*45.96*	
		For Work In Restricted Working Space, Add	*57.90*	
23 21 13 23-0594	EA	2-1/2" x 1-1/2" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	208.42	115.49
		For Schedule 80 Or Extra Heavy Fittings, Add	*44.35*	
		For Work In Restricted Working Space, Add	*51.95*	
23 21 13 23-0595	EA	2-1/2" x 1-1/4" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	215.52	112.27
		For Schedule 80 Or Extra Heavy Fittings, Add	*46.98*	
		For Work In Restricted Working Space, Add	*50.50*	
23 21 13 23-0596	EA	3" x 2-1/2" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	239.12	144.44
		For Schedule 80 Or Extra Heavy Fittings, Add	*48.99*	
		For Work In Restricted Working Space, Add	*64.99*	
23 21 13 23-0597	EA	3" x 2" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	240.79	144.44
		For Schedule 80 Or Extra Heavy Fittings, Add	*49.49*	
		For Work In Restricted Working Space, Add	*64.99*	
23 21 13 23-0598	EA	3" x 1-1/2" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	244.40	144.44
		For Schedule 80 Or Extra Heavy Fittings, Add	*50.57*	
		For Work In Restricted Working Space, Add	*64.99*	
23 21 13 23-0599	EA	4" x 3" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	405.14	250.92
		For Schedule 80 Or Extra Heavy Fittings, Add	*82.03*	
		For Work In Restricted Working Space, Add	*112.88*	
23 21 13 23-0600	EA	4" x 2-1/2" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	411.53	250.92
		For Schedule 80 Or Extra Heavy Fittings, Add	*83.95*	
		For Work In Restricted Working Space, Add	*112.88*	
23 21 13 23-0601	EA	4" x 2" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	411.53	250.92
		For Schedule 80 Or Extra Heavy Fittings, Add	*83.95*	
		For Work In Restricted Working Space, Add	*112.88*	
23 21 13 23-0602	EA	6" x 4" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	673.30	408.66
		For Schedule 80 Or Extra Heavy Fittings, Add	*137.65*	
		For Work In Restricted Working Space, Add	*183.83*	
23 21 13 23-0603	EA	6" x 3" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	686.06	408.66
		For Schedule 80 Or Extra Heavy Fittings, Add	*141.48*	
		For Work In Restricted Working Space, Add	*183.83*	
23 21 13 23-0604	EA	8" x 6" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	1,011.87	621.94
		For Schedule 80 Or Extra Heavy Fittings, Add	*205.65*	
		For Work In Restricted Working Space, Add	*279.74*	
23 21 13 23-0605	EA	8" x 4" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	1,034.64	621.94
		For Schedule 80 Or Extra Heavy Fittings, Add	*212.48*	
		For Work In Restricted Working Space, Add	*279.74*	
23 21 13 23-0606	EA	10" x 8" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	1,226.43	715.24
		For Schedule 80 Or Extra Heavy Fittings, Add	*255.34*	
		For Work In Restricted Working Space, Add	*321.70*	
23 21 13 23-0607	EA	10" x 6" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	1,216.99	715.24
		For Schedule 80 Or Extra Heavy Fittings, Add	*252.50*	
		For Work In Restricted Working Space, Add	*321.70*	
23 21 13 23-0608	EA	10" x 4" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	1,335.84	715.24
		For Schedule 80 Or Extra Heavy Fittings, Add	*288.16*	
		For Work In Restricted Working Space, Add	*321.70*	
23 21 13 23-0609	EA	12" x 10" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	1,523.37	888.99
		For Schedule 80 Or Extra Heavy Fittings, Add	*317.06*	
		For Work In Restricted Working Space, Add	*399.86*	
23 21 13 23-0610	EA	12" x 8" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	1,551.91	888.99
		For Schedule 80 Or Extra Heavy Fittings, Add	*325.62*	
		For Work In Restricted Working Space, Add	*399.86*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0611	EA	12" x 6" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	1,562.24	888.99
		For Schedule 80 Or Extra Heavy Fittings, Add	*328.72*	
		For Work In Restricted Working Space, Add	*399.86*	
23 21 13 23-0612	EA	12" x 4" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	1,865.19	888.99
		For Schedule 80 Or Extra Heavy Fittings, Add	*419.60*	
		For Work In Restricted Working Space, Add	*399.86*	
23 21 13 23-0613	EA	14" x 12" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	1,844.55	1,039.13
		For Schedule 80 Or Extra Heavy Fittings, Add	*389.78*	
		For Work In Restricted Working Space, Add	*467.40*	
23 21 13 23-0614	EA	14" x 10" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	1,950.35	1,039.13
		For Schedule 80 Or Extra Heavy Fittings, Add	*421.52*	
		For Work In Restricted Working Space, Add	*467.40*	
23 21 13 23-0615	EA	14" x 8" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	2,042.26	1,039.13
		For Schedule 80 Or Extra Heavy Fittings, Add	*449.09*	
		For Work In Restricted Working Space, Add	*467.40*	
23 21 13 23-0616	EA	14" x 8" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	2,397.48	1,039.13
		For Schedule 80 Or Extra Heavy Fittings, Add	*555.66*	
		For Work In Restricted Working Space, Add	*467.40*	
23 21 13 23-0617	EA	16" x 14" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	2,254.22	1,169.11
		For Schedule 80 Or Extra Heavy Fittings, Add	*492.23*	
		For Work In Restricted Working Space, Add	*525.82*	
23 21 13 23-0618	EA	16" x 12" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	2,254.22	1,169.11
		For Schedule 80 Or Extra Heavy Fittings, Add	*492.23*	
		For Work In Restricted Working Space, Add	*525.82*	
23 21 13 23-0619	EA	16" x 10" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	2,306.99	1,169.11
		For Schedule 80 Or Extra Heavy Fittings, Add	*508.06*	
		For Work In Restricted Working Space, Add	*525.82*	
23 21 13 23-0620	EA	16" x 8" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	2,482.20	1,169.11
		For Schedule 80 Or Extra Heavy Fittings, Add	*560.62*	
		For Work In Restricted Working Space, Add	*525.82*	
23 21 13 23-0621	EA	16" x 6" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	3,207.84	1,169.11
		For Schedule 80 Or Extra Heavy Fittings, Add	*778.31*	
		For Work In Restricted Working Space, Add	*525.82*	
23 21 13 23-0622	EA	18" x 16" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	2,550.98	1,336.07
		For Schedule 80 Or Extra Heavy Fittings, Add	*554.97*	
		For Work In Restricted Working Space, Add	*600.94*	
23 21 13 23-0623	EA	18" x 14" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	2,686.21	1,336.07
		For Schedule 80 Or Extra Heavy Fittings, Add	*595.54*	
		For Work In Restricted Working Space, Add	*600.94*	
23 21 13 23-0624	EA	18" x 12" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	2,742.86	1,336.07
		For Schedule 80 Or Extra Heavy Fittings, Add	*612.53*	
		For Work In Restricted Working Space, Add	*600.94*	
23 21 13 23-0625	EA	18" x 10" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	2,896.96	1,336.07
		For Schedule 80 Or Extra Heavy Fittings, Add	*658.76*	
		For Work In Restricted Working Space, Add	*600.94*	
23 21 13 23-0626	EA	18" x 8" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	4,667.94	1,336.07
		For Schedule 80 Or Extra Heavy Fittings, Add	*1,190.05*	
		For Work In Restricted Working Space, Add	*600.94*	
23 21 13 23-0627	EA	20" x 18" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	3,201.81	1,508.43
		For Schedule 80 Or Extra Heavy Fittings, Add	*723.08*	
		For Work In Restricted Working Space, Add	*678.48*	
23 21 13 23-0628	EA	20" x 16" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	3,201.81	1,508.43
		For Schedule 80 Or Extra Heavy Fittings, Add	*723.08*	
		For Work In Restricted Working Space, Add	*678.48*	
23 21 13 23-0629	EA	20" x 14" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	3,240.41	1,508.43
		For Schedule 80 Or Extra Heavy Fittings, Add	*734.66*	
		For Work In Restricted Working Space, Add	*678.48*	
23 21 13 23-0630	EA	20" x 12" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	3,468.94	1,508.43
		For Schedule 80 Or Extra Heavy Fittings, Add	*803.22*	
		For Work In Restricted Working Space, Add	*678.48*	
23 21 13 23-0631	EA	20" x 10" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	3,866.56	1,508.43
		For Schedule 80 Or Extra Heavy Fittings, Add	*922.50*	
		For Work In Restricted Working Space, Add	*678.48*	
23 21 13 23-0632	EA	24" x 20" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	3,400.49	1,558.80
		For Schedule 80 Or Extra Heavy Fittings, Add	*774.76*	
		For Work In Restricted Working Space, Add	*701.09*	
23 21 13 23-0633	EA	24" x 18" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	3,424.64	1,558.80
		For Schedule 80 Or Extra Heavy Fittings, Add	*782.01*	
		For Work In Restricted Working Space, Add	*701.09*	
23 21 13 23-0634	EA	24" x 16" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	3,471.85	1,558.80
		For Schedule 80 Or Extra Heavy Fittings, Add	*796.17*	
		For Work In Restricted Working Space, Add	*701.09*	
23 21 13 23-0635	EA	24" x 14" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	4,564.79	1,558.80
		For Schedule 80 Or Extra Heavy Fittings, Add	*1,124.05*	
		For Work In Restricted Working Space, Add	*701.09*	
23 21 13 23-0636	EA	24" x 12" Standard Weight, Welded Plain End, Black Steel Concentric Reducer	4,780.55	1,558.80
		For Schedule 80 Or Extra Heavy Fittings, Add	*1,188.78*	
		For Work In Restricted Working Space, Add	*701.09*	

23 21 13 23-0637 150 LB, Welded Plain End Black Steel Neck Flanges *(23 21 13 23-0393)*

Note: Excludes bolt and gasket sets See CSI section 23 21 13 23-0713 for Class 150 steel bolt and gasket set.

23 21 13 23-0638	EA	2", 150 LB, Welded Plain End Black Steel Neck Flange	159.82	80.86
		For 300 LB Rating, Add	*39.75*	
		For Work In Restricted Working Space, Add	*36.37*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0639	EA	2-1/2", 150 LB, Welded Plain End Black Steel Neck Flange	189.86	100.91
		For 300 LB Rating, Add	*42.90*	
		For Work In Restricted Working Space, Add	*45.38*	
23 21 13 23-0640	EA	3", 150 LB, Welded Plain End Black Steel Neck Flange	211.59	115.38
		For 300 LB Rating, Add	*45.21*	
		For Work In Restricted Working Space, Add	*51.89*	
23 21 13 23-0641	EA	4", 150 LB, Welded Plain End Black Steel Neck Flange	277.39	152.16
		For 300 LB Rating, Add	*58.42*	
		For Work In Restricted Working Space, Add	*68.45*	
23 21 13 23-0642	EA	6", 150 LB, Welded Plain End Black Steel Neck Flange	421.67	230.77
		For 300 LB Rating, Add	*89.35*	
		For Work In Restricted Working Space, Add	*103.77*	
23 21 13 23-0643	EA	8", 150 LB, Welded Plain End Black Steel Neck Flange	497.61	252.82
		For 300 LB Rating, Add	*122.84*	
		For Work In Restricted Working Space, Add	*113.69*	
23 21 13 23-0644	EA	10" , 150 LB, Welded Plain End Black Steel Neck Flange	648.66	317.00
		For 300 LB Rating, Add	*171.25*	
		For Work In Restricted Working Space, Add	*142.60*	
23 21 13 23-0645	EA	12" , 150 LB, Welded Plain End Black Steel Neck Flange	792.05	359.71
		For 300 LB Rating, Add	*233.55*	
		For Work In Restricted Working Space, Add	*161.79*	
23 21 13 23-0646	EA	14" , 150 LB, Welded Plain End Black Steel Neck Flange	1,035.88	435.00
		For 300 LB Rating, Add	*337.07*	
		For Work In Restricted Working Space, Add	*195.65*	
23 21 13 23-0647	EA	16", 150 LB, Welded Plain End Black Steel Neck Flange	1,357.42	505.55
		For 300 LB Rating, Add	*499.22*	
		For Work In Restricted Working Space, Add	*227.38*	
23 21 13 23-0648	EA	18", 150 LB, Welded Plain End Black Steel Neck Flange	1,682.05	566.81
		For 300 LB Rating, Add	*671.80*	
		For Work In Restricted Working Space, Add	*254.94*	
23 21 13 23-0649	EA	20", 150 LB, Welded Plain End Black Steel Neck Flange	2,132.68	719.43
		For 300 LB Rating, Add	*851.10*	
		For Work In Restricted Working Space, Add	*323.58*	
23 21 13 23-0650	EA	24", 150 LB, Welded Plain End Black Steel Neck Flange	2,420.17	779.40
		For 300 LB Rating, Add	*998.87*	
		For Work In Restricted Working Space, Add	*350.55*	

23 21 13 23-0651 150 LB, Welded Black Steel Slip-On Flanges *(23 21 13 23-0393)*

Note: Excludes bolt and gasket sets See CSI section 23 21 13 23-0713 for Class 150 steel bolt and gasket set.

23 21 13 23-0652	EA	2", 150 LB, Welded Black Steel Slip-On Flanges	123.08	80.86
		For 300 LB Rating, Add	*34.05*	
		For Work In Restricted Working Space, Add	*28.95*	
23 21 13 23-0653	EA	2-1/2", 150 LB, Welded Black Steel Slip-On Flange	152.07	100.91
		For 300 LB Rating, Add	*43.09*	
		For Work In Restricted Working Space, Add	*35.39*	
23 21 13 23-0654	EA	3", 150 LB, Welded Black Steel Slip-On Flange	179.56	115.38
		For 300 LB Rating, Add	*50.78*	
		For Work In Restricted Working Space, Add	*41.82*	
23 21 13 23-0655	EA	4", 150 LB, Welded Black Steel Slip-On Flange	237.08	152.16
		For 300 LB Rating, Add	*68.45*	
		For Work In Restricted Working Space, Add	*54.69*	
23 21 13 23-0656	EA	6", 150 LB, Welded Black Steel Slip-On Flange	352.40	230.77
		For 300 LB Rating, Add	*104.04*	
		For Work In Restricted Working Space, Add	*80.42*	
23 21 13 23-0657	EA	8", 150 LB, Welded Black Steel Slip-On Flange	473.43	252.82
		For 300 LB Rating, Add	*151.69*	
		For Work In Restricted Working Space, Add	*103.55*	
23 21 13 23-0658	EA	10", 150 LB, Welded Black Steel Slip-On Flange	652.90	317.00
		For 300 LB Rating, Add	*244.61*	
		For Work In Restricted Working Space, Add	*129.44*	
23 21 13 23-0659	EA	12", 150 LB, Welded Black Steel Slip-On Flange	867.13	359.71
		For 300 LB Rating, Add	*368.82*	
		For Work In Restricted Working Space, Add	*155.32*	
23 21 13 23-0660	EA	14", 150 LB, Welded Black Steel Slip-On Flange	1,114.50	435.00
		For 300 LB Rating, Add	*522.85*	
		For Work In Restricted Working Space, Add	*181.21*	
23 21 13 23-0661	EA	16", 150 LB, Welded Black Steel Slip-On Flange	1,356.06	505.55
		For 300 LB Rating, Add	*688.81*	
		For Work In Restricted Working Space, Add	*200.62*	
23 21 13 23-0662	EA	18", 150 LB, Welded Black Steel Slip-On Flange	1,504.10	566.81
		For 300 LB Rating, Add	*770.60*	
		For Work In Restricted Working Space, Add	*220.04*	
23 21 13 23-0663	EA	20", 150 LB, Welded Black Steel Slip-On Flange	1,674.13	719.43
		For 300 LB Rating, Add	*872.17*	
		For Work In Restricted Working Space, Add	*239.45*	
23 21 13 23-0664	EA	24", 150 LB, Welded Black Steel Slip-On Flange	1,911.82	779.40
		For 300 LB Rating, Add	*983.20*	
		For Work In Restricted Working Space, Add	*278.28*	

23 21 13 23-0665 150 LB, Forged Steel Blind Flanges *(23 21 13 23-0393)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0666	EA	2", 150 LB, Forged Steel Blind Flange	79.40	28.81
		For 300 LB Rating, Add	*23.47*	
		For 600 LB Rating, Add	*60.92*	
		For Work In Restricted Working Space, Add	*17.29*	
23 21 13 23-0667	EA	2-1/2", 150 LB, Forged Steel Blind Flange	104.46	34.57
		For 300 LB Rating, Add	*35.52*	
		For 600 LB Rating, Add	*95.14*	
		For Work In Restricted Working Space, Add	*20.74*	
23 21 13 23-0668	EA	3", 150 LB, Forged Steel Blind Flange	128.73	46.10
		For 300 LB Rating, Add	*38.91*	
		For 600 LB Rating, Add	*101.52*	
		For Work In Restricted Working Space, Add	*27.66*	
23 21 13 23-0669	EA	4", 150 LB, Forged Steel Blind Flange	165.60	57.62
		For 300 LB Rating, Add	*52.39*	
		For 600 LB Rating, Add	*138.15*	
		For Work In Restricted Working Space, Add	*34.57*	
23 21 13 23-0670	EA	6", 150 LB, Forged Steel Blind Flange	226.14	74.91
		For 300 LB Rating, Add	*76.79*	
		For 600 LB Rating, Add	*205.64*	
		For Work In Restricted Working Space, Add	*44.95*	
23 21 13 23-0671	EA	8", 150 LB, Forged Steel Blind Flange	293.93	86.43
		For 300 LB Rating, Add	*115.00*	
		For 600 LB Rating, Add	*316.47*	
		For Work In Restricted Working Space, Add	*51.86*	
23 21 13 23-0672	EA	10", 150 LB, Forged Steel Blind Flange	443.84	103.71
		For 300 LB Rating, Add	*210.90*	
		For 600 LB Rating, Add	*598.48*	
		For Work In Restricted Working Space, Add	*62.23*	
23 21 13 23-0673	EA	12", 150 LB, Forged Steel Blind Flange	576.61	121.01
		For 300 LB Rating, Add	*293.09*	
		For 600 LB Rating, Add	*839.34*	
		For Work In Restricted Working Space, Add	*72.60*	
23 21 13 23-0674	EA	14", 150 LB, Forged Steel Blind Flange	965.49	138.30
		For 300 LB Rating, Add	*580.17*	
		For Work In Restricted Working Space, Add	*82.97*	
23 21 13 23-0675	EA	16", 150 LB, Forged Steel Blind Flange	1,037.31	155.58
		For 300 LB Rating, Add	*613.60*	
		For Work In Restricted Working Space, Add	*93.35*	
23 21 13 23-0676	EA	18", 150 LB, Forged Steel Blind Flange	1,169.01	190.15
		For 300 LB Rating, Add	*670.89*	
		For Work In Restricted Working Space, Add	*114.09*	
23 21 13 23-0677	EA	20", 150 LB, Forged Steel Blind Flange	1,494.75	207.44
		For 300 LB Rating, Add	*907.46*	
		For Work In Restricted Working Space, Add	*124.46*	
23 21 13 23-0678	EA	24", 150 LB, Forged Steel Blind Flange	2,030.04	242.01
		For 300 LB Rating, Add	*1,287.64*	
		For Work In Restricted Working Space, Add	*145.21*	

23 21 13 23-0679 3,000 LB, Forge Steel Thread-O-Lets *(23 21 13 23-0393)*

23 21 13 23-0680	EA	1/2", 3,000 LB, Forge Steel Thread-O-Let	74.47	
		For Work In Restricted Working Space, Add	*20.27*	
23 21 13 23-0681	EA	3/4", 3,000 LB, Forge Steel Thread-O-Let	78.88	
		For Work In Restricted Working Space, Add	*21.23*	
23 21 13 23-0682	EA	1", 3,000 LB, Forge Steel Thread-O-Let	84.16	
		For Work In Restricted Working Space, Add	*22.52*	
23 21 13 23-0683	EA	1-1/4", 3,000 LB, Forge Steel Thread-O-Let	93.33	
		For Work In Restricted Working Space, Add	*24.13*	
23 21 13 23-0684	EA	1-1/2", 3,000 LB, Forge Steel Thread-O-Let	104.70	
		For Work In Restricted Working Space, Add	*27.35*	
23 21 13 23-0685	EA	2", 3,000 LB, Forge Steel Thread-O-Let	135.28	
		For Work In Restricted Working Space, Add	*35.75*	
23 21 13 23-0686	EA	2-1/2", 3,000 LB, Forge Steel Thread-O-Let	211.74	
		For Work In Restricted Working Space, Add	*45.96*	
23 21 13 23-0687	EA	3", 3,000 LB, Forge Steel Thread-O-Let	291.91	
		For Work In Restricted Working Space, Add	*64.34*	
23 21 13 23-0688	EA	4", 3,000 LB, Forge Steel Thread-O-Let	389.12	
		For Work In Restricted Working Space, Add	*80.42*	

23 21 13 23-0689 3,000 LB, Forge Steel Weld-O-Lets *(23 21 13 23-0393)*

23 21 13 23-0690	EA	1/2", 3,000 LB, Forge Steel Weld-O-Let	95.22	
		For Work In Restricted Working Space, Add	*23.39*	
23 21 13 23-0691	EA	3/4", 3,000 LB, Forge Steel Weld-O-Let	101.99	
		For Work In Restricted Working Space, Add	*24.51*	
23 21 13 23-0692	EA	1", 3,000 LB, Forge Steel Weld-O-Let	108.52	
		For Work In Restricted Working Space, Add	*25.73*	
23 21 13 23-0693	EA	1-1/4", 3,000 LB, Forge Steel Weld-O-Let	127.58	
		For Work In Restricted Working Space, Add	*28.60*	
23 21 13 23-0694	EA	1-1/2", 3,000 LB, Forge Steel Weld-O-Let	141.09	
		For Work In Restricted Working Space, Add	*32.17*	
23 21 13 23-0695	EA	2", 3,000 LB, Forge Steel Weld-O-Let	188.62	
		For Work In Restricted Working Space, Add	*42.88*	
23 21 13 23-0696	EA	2-1/2", 3,000 LB, Forge Steel Weld-O-Let	317.89	
		For Work In Restricted Working Space, Add	*51.47*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0697	EA	3", 3,000 LB, Forge Steel Weld-O-Let	418.76	
		For Work In Restricted Working Space, Add	*67.56*	
23 21 13 23-0698	EA	4", 3,000 LB, Forge Steel Weld-O-Let	588.52	
		For Work In Restricted Working Space, Add	*85.80*	
23 21 13 23-0699	EA	6", 3,000 LB, Forge Steel Weld-O-Let	830.20	
		For Work In Restricted Working Space, Add	*128.68*	
23 21 13 23-0700	EA	8", 3,000 LB, Forge Steel Weld-O-Let	1,331.16	
		For Work In Restricted Working Space, Add	*171.56*	
23 21 13 23-0701	EA	10", 3,000 LB, Forge Steel Weld-O-Let	1,739.44	
		For Work In Restricted Working Space, Add	*197.97*	
23 21 13 23-0702	EA	12", 3,000 LB, Forge Steel Weld-O-Let	2,830.38	
		For Work In Restricted Working Space, Add	*233.97*	

23 21 13 23-0703 3,000 LB, Forge Steel Sock-O-Lets *(23 21 13 23-0393)*

23 21 13 23-0704	EA	1/2", 3,000 LB, Forge Steel Sock-O-Let	109.66	
		For Work In Restricted Working Space, Add	*27.96*	
23 21 13 23-0705	EA	3/4", 3,000 LB, Forge Steel Sock-O-Let	117.03	
		For Work In Restricted Working Space, Add	*29.31*	
23 21 13 23-0706	EA	1", 3,000 LB, Forge Steel Sock-O-Let	125.27	
		For Work In Restricted Working Space, Add	*31.08*	
23 21 13 23-0707	EA	1-1/4", 3,000 LB, Forge Steel Sock-O-Let	141.74	
		For Work In Restricted Working Space, Add	*33.30*	
23 21 13 23-0708	EA	1-1/2", 3,000 LB, Forge Steel Sock-O-Let	158.07	
		For Work In Restricted Working Space, Add	*37.74*	
23 21 13 23-0709	EA	2", 3,000 LB, Forge Steel Sock-O-Let	204.70	
		For Work In Restricted Working Space, Add	*49.32*	
23 21 13 23-0710	EA	2-1/2", 3,000 LB, Forge Steel Sock-O-Let	350.86	
		For Work In Restricted Working Space, Add	*63.41*	
23 21 13 23-0711	EA	3", 3,000 LB, Forge Steel Sock-O-Let	480.52	
		For Work In Restricted Working Space, Add	*88.79*	
23 21 13 23-0712	EA	4", 3,000 LB, Forge Steel Sock-O-Let	658.39	
		For Work In Restricted Working Space, Add	*110.99*	

23 21 13 23-0713 Class 150 Flange, Steel Bolt And Gasket Sets *(23 21 13 23-0393)*

Note: Used between weld neck or slip-on flanges and valves, or equipment with bolt connections, or between two bolted valves. Flanged equipment, flanged fittings and flanged valves exclude bolt and gasket sets.

23 21 13 23-0714	EA	3/4" To 1-1/2" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set Note: Includes rubber gasket, and four (4) 1/2" diameter bolts with washers and nut.	16.02	
		For Zinc Plated, Add	*4.49*	
		For Hot Dip Galvanized, Add	*6.41*	
		For Advanced Fluoropolymer (Blue Coating), Add	*11.21*	
23 21 13 23-0715	EA	2" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set Note: Includes rubber gasket, and four (4) 5/8" diameter bolts with washers and nut.	20.33	
		For Zinc Plated, Add	*5.69*	
		For Hot Dip Galvanized, Add	*8.13*	
		For Advanced Fluoropolymer (Blue Coating), Add	*14.23*	
23 21 13 23-0716	EA	2-1/2" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set Note: Includes rubber gasket, and four (4) 5/8" diameter bolts with washers and nut.	20.56	
		For Zinc Plated, Add	*5.76*	
		For Hot Dip Galvanized, Add	*8.22*	
		For Advanced Fluoropolymer (Blue Coating), Add	*14.39*	
23 21 13 23-0717	EA	3" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set Note: Includes rubber gasket, and four (4) 5/8" diameter bolts with washers and nut.	20.66	
		For Zinc Plated, Add	*5.78*	
		For Hot Dip Galvanized, Add	*8.26*	
		For Advanced Fluoropolymer (Blue Coating), Add	*14.46*	
23 21 13 23-0718	EA	4" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set Note: Includes rubber gasket, and eight (8) 5/8" diameter bolts with washers and nut.	47.10	
		For Zinc Plated, Add	*13.19*	
		For Hot Dip Galvanized, Add	*18.84*	
		For Advanced Fluoropolymer (Blue Coating), Add	*32.97*	
23 21 13 23-0719	EA	5" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set Note: Includes rubber gasket, and eight (8) 3/4" diameter bolts with washers and nut.	65.90	
		For Zinc Plated, Add	*18.45*	
		For Hot Dip Galvanized, Add	*26.36*	
		For Advanced Fluoropolymer (Blue Coating), Add	*46.13*	
23 21 13 23-0720	EA	6" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set Note: Includes rubber gasket, and eight (8) 3/4" diameter bolts with washers and nut.	72.76	
		For Zinc Plated, Add	*20.37*	
		For Hot Dip Galvanized, Add	*29.10*	
		For Advanced Fluoropolymer (Blue Coating), Add	*50.93*	
23 21 13 23-0721	EA	8" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set Note: Includes rubber gasket, and eight (8) 3/4" diameter bolts with washers and nut.	80.12	
		For Zinc Plated, Add	*22.43*	
		For Hot Dip Galvanized, Add	*32.05*	
		For Advanced Fluoropolymer (Blue Coating), Add	*56.08*	
23 21 13 23-0722	EA	10" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set Note: Includes rubber gasket, and twelve (12) 7/8" diameter bolts with washers and nut.	175.76	
		For Zinc Plated, Add	*49.21*	
		For Hot Dip Galvanized, Add	*70.30*	
		For Advanced Fluoropolymer (Blue Coating), Add	*123.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0723	EA	12" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set Note: Includes rubber gasket, and twelve (12) 7/8" diameter bolts with washers and nut.	180.05	
		For Zinc Plated, Add	*50.41*	
		For Hot Dip Galvanized, Add	*72.02*	
		For Advanced Fluoropolymer (Blue Coating), Add	*126.04*	
23 21 13 23-0724	EA	14" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set Note: Includes rubber gasket, and twelve (12) 1" diameter bolts with washers and nut.	202.04	
		For Zinc Plated, Add	*56.57*	
		For Hot Dip Galvanized, Add	*80.82*	
		For Advanced Fluoropolymer (Blue Coating), Add	*141.43*	
23 21 13 23-0725	EA	16" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set Note: Includes rubber gasket, and sixteen (16) 1" diameter bolts with washers and nut.	333.63	
		For Zinc Plated, Add	*93.42*	
		For Hot Dip Galvanized, Add	*133.45*	
		For Advanced Fluoropolymer (Blue Coating), Add	*233.54*	
23 21 13 23-0726	EA	18" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set Note: Includes rubber gasket, and sixteen (16) 1-1/8" diameter bolts with washers and nut.	479.23	
		For Zinc Plated, Add	*134.18*	
		For Hot Dip Galvanized, Add	*191.69*	
		For Advanced Fluoropolymer (Blue Coating), Add	*335.46*	
23 21 13 23-0727	EA	20" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set Note: Includes rubber gasket, and twenty (20) 1-1/8" diameter bolts with washers and nut.	605.66	
		For Zinc Plated, Add	*169.58*	
		For Hot Dip Galvanized, Add	*242.26*	
		For Advanced Fluoropolymer (Blue Coating), Add	*423.96*	
23 21 13 23-0728	EA	24" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set Note: Includes rubber gasket, and twenty (20) 1-1/4" diameter bolts with washers and nut.	861.48	
		For Zinc Plated, Add	*241.21*	
		For Hot Dip Galvanized, Add	*344.59*	
		For Advanced Fluoropolymer (Blue Coating), Add	*603.04*	
23 21 13 23-0729	EA	30" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set Note: Includes rubber gasket, and twenty-eight (28) 1-1/4" diameter bolts with washers and nut.	1,359.33	
		For Zinc Plated, Add	*380.61*	
		For Hot Dip Galvanized, Add	*543.73*	
		For Advanced Fluoropolymer (Blue Coating), Add	*951.53*	
23 21 13 23-0730	EA	36" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set Note: Includes rubber gasket, and thirty-two (32) 1-1/2" diameter bolts with washers and nut.	1,912.06	
		For Zinc Plated, Add	*535.38*	
		For Hot Dip Galvanized, Add	*764.82*	
		For Advanced Fluoropolymer (Blue Coating), Add	*1,338.44*	

23 21 13 23-0731 Class 300 Flange, Steel Bolt And Gasket Sets *(23 21 13 23-0393)*

Note: Used between weld neck or slip-on flanges and valves, or equipment with bolt connections, or between two bolted valves. Flanged equipment, flanged fittings and flanged valves exclude bolt and gasket sets.

23 21 13 23-0732	EA	3/4" To 1-1/2" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set Note: Includes rubber gasket, and four (4) 5/8" diameter bolts with washers and nut.	25.72	
		For Zinc Plated, Add	*7.20*	
		For Hot Dip Galvanized, Add	*10.29*	
		For Advanced Fluoropolymer (Blue Coating), Add	*18.00*	
23 21 13 23-0733	EA	2" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set Note: Includes rubber gasket, and eight (8) 5/8" diameter bolts with washers and nut.	47.13	
		For Zinc Plated, Add	*13.20*	
		For Hot Dip Galvanized, Add	*18.85*	
		For Advanced Fluoropolymer (Blue Coating), Add	*32.99*	
23 21 13 23-0734	EA	2-1/2" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set Note: Includes rubber gasket, and eight (8) 3/4" diameter bolts with washers and nut.	73.32	
		For Zinc Plated, Add	*20.53*	
		For Hot Dip Galvanized, Add	*29.33*	
		For Advanced Fluoropolymer (Blue Coating), Add	*51.32*	
23 21 13 23-0735	EA	3" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set Note: Includes rubber gasket, and eight (8) 3/4" diameter bolts with washers and nut.	79.66	
		For Zinc Plated, Add	*22.30*	
		For Hot Dip Galvanized, Add	*31.86*	
		For Advanced Fluoropolymer (Blue Coating), Add	*55.76*	
23 21 13 23-0736	EA	4" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set Note: Includes rubber gasket, and eight (8) 3/4" diameter bolts with washers and nut.	84.23	
		For Zinc Plated, Add	*23.58*	
		For Hot Dip Galvanized, Add	*33.69*	
		For Advanced Fluoropolymer (Blue Coating), Add	*58.96*	
23 21 13 23-0737	EA	5" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set Note: Includes rubber gasket, and eight (8) 3/4" diameter bolts with washers and nut.	93.05	
		For Zinc Plated, Add	*26.05*	
		For Hot Dip Galvanized, Add	*37.22*	
		For Advanced Fluoropolymer (Blue Coating), Add	*65.14*	
23 21 13 23-0738	EA	6" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set Note: Includes rubber gasket, and twelve (12) 3/4" diameter bolts with washers and nut.	131.40	
		For Zinc Plated, Add	*36.79*	
		For Hot Dip Galvanized, Add	*52.56*	
		For Advanced Fluoropolymer (Blue Coating), Add	*91.98*	
23 21 13 23-0739	EA	8" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set Note: Includes rubber gasket, and twelve (12) 7/8" diameter bolts with washers and nut.	203.07	
		For Zinc Plated, Add	*56.86*	
		For Hot Dip Galvanized, Add	*81.23*	
		For Advanced Fluoropolymer (Blue Coating), Add	*142.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0740	EA	10" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set	366.90	
		Note: Includes rubber gasket, and sixteen (16) 1" diameter bolts with washers and nut.		
		For Zinc Plated, Add	*102.73*	
		For Hot Dip Galvanized, Add	*146.76*	
		For Advanced Fluoropolymer (Blue Coating), Add	*256.83*	
23 21 13 23-0741	EA	12" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set	526.84	
		Note: Includes rubber gasket, and sixteen (16) 1-1/8" diameter bolts with washers and nut.		
		For Zinc Plated, Add	*147.52*	
		For Hot Dip Galvanized, Add	*210.74*	
		For Advanced Fluoropolymer (Blue Coating), Add	*368.79*	
23 21 13 23-0742	EA	14" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set	719.35	
		Note: Includes rubber gasket, and twenty (20) 1-1/8" diameter bolts with washers and nut.		
		For Zinc Plated, Add	*201.42*	
		For Hot Dip Galvanized, Add	*287.74*	
		For Advanced Fluoropolymer (Blue Coating), Add	*503.55*	
23 21 13 23-0743	EA	16" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set	989.94	
		Note: Includes rubber gasket, and twenty (20) 1-1/4" diameter bolts with washers and nut.		
		For Zinc Plated, Add	*277.18*	
		For Hot Dip Galvanized, Add	*395.98*	
		For Advanced Fluoropolymer (Blue Coating), Add	*692.96*	
23 21 13 23-0744	EA	18" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set	1,273.18	
		Note: Includes rubber gasket, and twenty-four (24) 1-1/4" diameter bolts with washers and nut.		
		For Zinc Plated, Add	*356.49*	
		For Hot Dip Galvanized, Add	*509.27*	
		For Advanced Fluoropolymer (Blue Coating), Add	*891.23*	
23 21 13 23-0745	EA	20" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set	1,352.93	
		Note: Includes rubber gasket, and twenty-four (24) 1-1/4" diameter bolts with washers and nut.		
		For Zinc Plated, Add	*378.82*	
		For Hot Dip Galvanized, Add	*541.17*	
		For Advanced Fluoropolymer (Blue Coating), Add	*947.05*	
23 21 13 23-0746	EA	24" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set	1,718.88	
		Note: Includes rubber gasket, and twenty-four (24) 1-1/2" diameter bolts with washers and nut.		
		For Zinc Plated, Add	*481.29*	
		For Hot Dip Galvanized, Add	*687.55*	
		For Advanced Fluoropolymer (Blue Coating), Add	*1,203.22*	
23 21 13 23-0747	EA	30" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set	2,707.62	
		Note: Includes rubber gasket, and twenty-eight (28) 1-3/4" diameter bolts with washers and nut.		
		For Zinc Plated, Add	*758.13*	
		For Hot Dip Galvanized, Add	*1,083.05*	
		For Advanced Fluoropolymer (Blue Coating), Add	*1,895.33*	
23 21 13 23-0748	EA	36" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set	4,002.82	
		Note: Includes rubber gasket, and thirty-two (32) 2" diameter bolts with washers and nut.		
		For Zinc Plated, Add	*1,120.79*	
		For Hot Dip Galvanized, Add	*1,601.13*	
		For Advanced Fluoropolymer (Blue Coating), Add	*2,801.97*	

23 21 13 23-0749 150 LB, Rubber Flange Gasket Replacement *(23 21 13 23-0393)*

Note: Includes unbolting, removal of old gaskets, new 150 LB rubber gasket and rebolting.

23 21 13 23-0750	EA	1/2", 150 LB, Rubber Flange Gasket Replacement	32.45	
		For 300 LB Rating Gasket Set, Add	*0.21*	
		For 150 LB Rating Teflon Gasket Set, Add	*4.72*	
		For 300 LB Rating Teflon Gasket Set, Add	*5.43*	
		For Work In Restricted Working Space, Add	*9.55*	
23 21 13 23-0751	EA	3/4", 150 LB, Rubber Flange Gasket Replacement	34.78	
		For 300 LB Rating Gasket Set, Add	*0.28*	
		For 150 LB Rating Teflon Gasket Set, Add	*6.26*	
		For 300 LB Rating Teflon Gasket Set, Add	*7.21*	
		For Work In Restricted Working Space, Add	*10.19*	
23 21 13 23-0752	EA	1", 150 LB, Rubber Flange Gasket Replacement	38.57	
		For 300 LB Rating Gasket Set, Add	*0.50*	
		For 150 LB Rating Teflon Gasket Set, Add	*10.98*	
		For 300 LB Rating Teflon Gasket Set, Add	*12.64*	
		For Work In Restricted Working Space, Add	*11.15*	
23 21 13 23-0753	EA	1-1/4", 150 LB, Rubber Flange Gasket Replacement	41.95	
		For 300 LB Rating Gasket Set, Add	*0.57*	
		For 150 LB Rating Teflon Gasket Set, Add	*12.52*	
		For 300 LB Rating Teflon Gasket Set, Add	*14.42*	
		For Work In Restricted Working Space, Add	*12.10*	
23 21 13 23-0754	EA	1-1/2", 150 LB, Rubber Flange Gasket Replacement	46.61	
		For 300 LB Rating Gasket Set, Add	*0.71*	
		For 150 LB Rating Teflon Gasket Set, Add	*15.69*	
		For 300 LB Rating Teflon Gasket Set, Add	*18.07*	
		For Work In Restricted Working Space, Add	*13.37*	
23 21 13 23-0755	EA	2", 150 LB, Rubber Flange Gasket Replacement	51.67	
		For 300 LB Rating Gasket Set, Add	*0.99*	
		For 150 LB Rating Teflon Gasket Set, Add	*21.95*	
		For 300 LB Rating Teflon Gasket Set, Add	*25.28*	
		For Work In Restricted Working Space, Add	*14.65*	
23 21 13 23-0756	EA	2-1/2", 150 LB, Rubber Flange Gasket Replacement	61.16	
		For 300 LB Rating Gasket Set, Add	*1.35*	
		For 150 LB Rating Teflon Gasket Set, Add	*29.76*	
		For 300 LB Rating Teflon Gasket Set, Add	*34.27*	
		For Work In Restricted Working Space, Add	*17.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0757	EA	3", 150 LB, Rubber Flange Gasket Replacement	64.96	
		For 300 LB Rating Gasket Set, Add	*1.56*	
		For 150 LB Rating Teflon Gasket Set, Add	*34.48*	
		For 300 LB Rating Teflon Gasket Set, Add	*39.69*	
		For Work In Restricted Working Space, Add	*18.15*	
23 21 13 23-0758	EA	4", 150 LB, Rubber Flange Gasket Replacement	86.91	
		For 300 LB Rating Gasket Set, Add	*2.56*	
		For 150 LB Rating Teflon Gasket Set, Add	*56.43*	
		For 300 LB Rating Teflon Gasket Set, Add	*64.97*	
		For Work In Restricted Working Space, Add	*23.88*	
23 21 13 23-0759	EA	5", 150 LB, Rubber Flange Gasket Replacement	100.45	
		For 300 LB Rating Gasket Set, Add	*2.84*	
		For 150 LB Rating Teflon Gasket Set, Add	*62.69*	
		For 300 LB Rating Teflon Gasket Set, Add	*72.18*	
		For Work In Restricted Working Space, Add	*27.70*	
23 21 13 23-0760	EA	6", 150 LB, Rubber Flange Gasket Replacement	115.62	
		For 300 LB Rating Gasket Set, Add	*3.69*	
		For 150 LB Rating Teflon Gasket Set, Add	*81.47*	
		For 300 LB Rating Teflon Gasket Set, Add	*93.81*	
		For Work In Restricted Working Space, Add	*31.52*	
23 21 13 23-0761	EA	8", 150 LB, Rubber Flange Gasket Replacement	142.77	
		For 300 LB Rating Gasket Set, Add	*5.39*	
		For 150 LB Rating Teflon Gasket Set, Add	*119.04*	
		For 300 LB Rating Teflon Gasket Set, Add	*137.06*	
		For Work In Restricted Working Space, Add	*38.21*	
23 21 13 23-0762	EA	10", 150 LB, Rubber Flange Gasket Replacement	157.75	
		For 300 LB Rating Gasket Set, Add	*7.66*	
		For 150 LB Rating Teflon Gasket Set, Add	*169.21*	
		For 300 LB Rating Teflon Gasket Set, Add	*194.82*	
		For Work In Restricted Working Space, Add	*40.76*	
23 21 13 23-0763	EA	12", 150 LB, Rubber Flange Gasket Replacement	181.87	
		For 300 LB Rating Gasket Set, Add	*9.79*	
		For 150 LB Rating Teflon Gasket Set, Add	*216.13*	
		For 300 LB Rating Teflon Gasket Set, Add	*248.84*	
		For Work In Restricted Working Space, Add	*46.17*	
23 21 13 23-0764	EA	14", 150 LB, Rubber Flange Gasket Replacement	192.66	
		For 300 LB Rating Gasket Set, Add	*11.70*	
		For 150 LB Rating Teflon Gasket Set, Add	*258.49*	
		For 300 LB Rating Teflon Gasket Set, Add	*297.62*	
		For Work In Restricted Working Space, Add	*47.77*	
23 21 13 23-0765	EA	16", 150 LB, Rubber Flange Gasket Replacement	249.57	
		For 300 LB Rating Gasket Set, Add	*13.05*	
		For 150 LB Rating Teflon Gasket Set, Add	*288.25*	
		For 300 LB Rating Teflon Gasket Set, Add	*331.88*	
		For Work In Restricted Working Space, Add	*63.68*	
23 21 13 23-0766	EA	18", 150 LB, Rubber Flange Gasket Replacement	271.35	
		For 300 LB Rating Gasket Set, Add	*13.62*	
		For 150 LB Rating Teflon Gasket Set, Add	*300.77*	
		For 300 LB Rating Teflon Gasket Set, Add	*346.30*	
		For Work In Restricted Working Space, Add	*69.73*	
23 21 13 23-0767	EA	20", 150 LB, Rubber Flange Gasket Replacement	325.11	
		For 300 LB Rating Gasket Set, Add	*14.61*	
		For 150 LB Rating Teflon Gasket Set, Add	*322.65*	
		For 300 LB Rating Teflon Gasket Set, Add	*371.49*	
		For Work In Restricted Working Space, Add	*85.01*	

23 21 13 23-0768 Cut And Prepare For Welding Existing In-Place Black Steel Pipe *(23 21 13 23-0393)*

Note: For use when connecting pipe to an existing in-place system.

23 21 13 23-0769	EA	1/2", Cut And Prepare For Welding Existing In Place Black Steel Pipe	23.01	
		For Work In Restricted Working Space, Add	*6.90*	
23 21 13 23-0770	EA	3/4", Cut And Prepare For Welding Existing In Place Black Steel Pipe	24.85	
		For Work In Restricted Working Space, Add	*7.46*	
23 21 13 23-0771	EA	1", Cut And Prepare For Welding Existing In Place Black Steel Pipe	27.96	
		For Work In Restricted Working Space, Add	*8.39*	
23 21 13 23-0772	EA	1-1/4", Cut And Prepare For Welding Existing In Place Black Steel Pipe	29.34	
		For Work In Restricted Working Space, Add	*8.80*	
23 21 13 23-0773	EA	1-1/2", Cut And Prepare For Welding Existing In Place Black Steel Pipe	31.06	
		For Work In Restricted Working Space, Add	*9.32*	
23 21 13 23-0774	EA	2", Cut And Prepare For Welding Existing In Place Black Steel Pipe	33.36	
		For Work In Restricted Working Space, Add	*10.01*	
23 21 13 23-0775	EA	2-1/2", Cut And Prepare For Welding Existing In Place Black Steel Pipe	35.67	
		For Work In Restricted Working Space, Add	*10.70*	
23 21 13 23-0776	EA	3", Cut And Prepare For Welding Existing In Place Black Steel Pipe	39.12	
		For Work In Restricted Working Space, Add	*11.74*	
23 21 13 23-0777	EA	4", Cut And Prepare For Welding Existing In Place Black Steel Pipe	42.57	
		For Work In Restricted Working Space, Add	*12.77*	
23 21 13 23-0778	EA	6", Cut And Prepare For Welding Existing In Place Black Steel Pipe	46.02	
		For Work In Restricted Working Space, Add	*13.81*	
23 21 13 23-0779	EA	8", Cut And Prepare For Welding Existing In Place Black Steel Pipe	49.47	
		For Work In Restricted Working Space, Add	*14.84*	
23 21 13 23-0780	EA	10", Cut And Prepare For Welding Existing In Place Black Steel Pipe	54.08	
		For Work In Restricted Working Space, Add	*16.22*	
23 21 13 23-0781	EA	12", Cut And Prepare For Welding Existing In Place Black Steel Pipe	58.68	
		For Work In Restricted Working Space, Add	*17.60*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0782	EA	14", Cut And Prepare For Welding Existing In Place Black Steel Pipe	63.28	
		For Work In Restricted Working Space, Add	*18.98*	
23 21 13 23-0783	EA	16", Cut And Prepare For Welding Existing In Place Black Steel Pipe	67.88	
		For Work In Restricted Working Space, Add	*20.36*	
23 21 13 23-0784	EA	18", Cut And Prepare For Welding Existing In Place Black Steel Pipe	71.34	
		For Work In Restricted Working Space, Add	*21.40*	
23 21 13 23-0785	EA	20", Cut And Prepare For Welding Existing In Place Black Steel Pipe	74.78	
		For Work In Restricted Working Space, Add	*22.43*	
23 21 13 23-0786	EA	24", Cut And Prepare For Welding Existing In Place Black Steel Pipe	79.39	
		For Work In Restricted Working Space, Add	*23.82*	

23 21 13 23-0787 Welded Plain End Electric Resistance Black Steel Pipe *(23 21 13 23-0393)*

Note: ASTM A-135.

23 21 13 23-0788	LF	2" Electric Resistance Weld Black Pipe, Plain End Schedule 40 ASTM A-135, Not Including Hangers Or Fittings	32.66	11.79
		For Work In Restricted Working Space, Add	*5.79*	
23 21 13 23-0789	LF	2-1/2" Electric Resistance Weld Black Pipe, Plain End Schedule 40 ASTM A-135, Not Including Hangers Or Fittings	39.81	12.87
		For Work In Restricted Working Space, Add	*5.79*	
23 21 13 23-0790	LF	3" Electric Resistance Weld Black Pipe, Plain End Schedule 40 ASTM A-135, Not Including Hangers Or Fittings	44.21	12.66
		For Work In Restricted Working Space, Add	*5.68*	
23 21 13 23-0791	LF	4" Electric Resistance Weld Black Pipe, Plain End Schedule 40 ASTM A-135, Not Including Hangers Or Fittings	54.63	16.09
		For Work In Restricted Working Space, Add	*7.23*	
23 21 13 23-0792	LF	6" Electric Resistance Weld Black Pipe, Plain End Schedule 40 ASTM A-135, Not Including Hangers Or Fittings	94.83	23.81
		For Work In Restricted Working Space, Add	*10.70*	
23 21 13 23-0793	LF	8.322" Electric Resistance Weld Black Pipe, Plain End Schedule 40 ASTM A-135, Not Including Hangers Or Fittings	127.71	29.44
		For Work In Restricted Working Space, Add	*13.27*	
23 21 13 23-0794	LF	10.365" Electric Resistance Weld Black Pipe, Plain End Schedule 40 ASTM A-135, Not Including Hangers Or Fittings	179.05	36.68
		For Work In Restricted Working Space, Add	*16.50*	
23 21 13 23-0795	LF	12.375" Electric Resistance Weld Black Pipe, Plain End Schedule 40 ASTM A-135, Not Including Hangers Or Fittings	218.00	44.22
		For Work In Restricted Working Space, Add	*19.89*	
23 21 13 23-0796	LF	14.375" Electric Resistance Weld Black Pipe, Plain End Schedule 40 ASTM A-135, Not Including Hangers Or Fittings	276.42	57.38
		For Work In Restricted Working Space, Add	*25.82*	

23 21 13 23-0797 Flanged Steel Fittings *(23 21 13 23)*

See CSI section 23 21 13 23-0394 for steel pipe, 23 21 13 23-0637 for welded neck flange ends.

23 21 13 23-0798 Flanged Steel Fittings, Standard Weight *(23 21 13 23-0797)*

Note: Flanged equipment, flanged fittings and flanged valves exclude bolt and gasket sets. See CSI section 23 21 13 23-0713 for Class 150 steel bolt and gasket set.

23 21 13 23-0799 Flanged Steel, 90 Degree Elbows *(23 21 13 23-0798)*

23 21 13 23-0800	EA	2" Standard Weight, Flanged Steel, 90 Degree Elbow	352.25	49.48
		For Galvanized Fittings, Add	*222.46*	
		For Extra Heavy Weight Fittings, Add	*333.70*	
23 21 13 23-0801	EA	2-1/2" Standard Weight, Flanged Steel, 90 Degree Elbow	392.87	55.10
		For Galvanized Fittings, Add	*248.18*	
		For Extra Heavy Weight Fittings, Add	*372.26*	
23 21 13 23-0802	EA	3" Standard Weight, Flanged Steel, 90 Degree Elbow	392.96	60.82
		For Galvanized Fittings, Add	*241.47*	
		For Extra Heavy Weight Fittings, Add	*362.21*	
23 21 13 23-0803	EA	4" Standard Weight, Flanged Steel, 90 Degree Elbow	495.83	70.67
		For Galvanized Fittings, Add	*311.90*	
		For Extra Heavy Weight Fittings, Add	*467.86*	
23 21 13 23-0804	EA	5" Standard Weight, Flanged Steel, 90 Degree Elbow	684.62	79.14
		For Galvanized Fittings, Add	*452.76*	
		For Extra Heavy Weight Fittings, Add	*679.14*	
23 21 13 23-0805	EA	6" Standard Weight, Flanged Steel, 90 Degree Elbow	727.44	91.86
		For Galvanized Fittings, Add	*471.77*	
		For Extra Heavy Weight Fittings, Add	*707.65*	
23 21 13 23-0806	EA	8" Standard Weight, Flanged Steel, 90 Degree Elbow	916.52	101.72
		For Galvanized Fittings, Add	*611.16*	
		For Extra Heavy Weight Fittings, Add	*916.74*	

23 21 13 23-0807 Flanged Steel, Reducing 90 Degree Elbows *(23 21 13 23-0798)*

23 21 13 23-0808	EA	2-1/2" x 2" Standard Weight, Flanged Steel, Reducing 90 Degree Elbow	640.17	52.35
		For Galvanized Fittings, Add	*449.41*	
		For Extra Heavy Weight Fittings, Add	*674.11*	
23 21 13 23-0809	EA	3" x 2-1/2" Standard Weight, Flanged Steel, Reducing 90 Degree Elbow	668.20	57.96
		For Galvanized Fittings, Add	*465.06*	
		For Extra Heavy Weight Fittings, Add	*697.58*	
23 21 13 23-0810	EA	4" x 3" Standard Weight, Flanged Steel, Reducing 90 Degree Elbow	829.38	65.69
		For Galvanized Fittings, Add	*584.67*	
		For Extra Heavy Weight Fittings, Add	*877.01*	
23 21 13 23-0811	EA	5" x 3" Standard Weight, Flanged Steel, Reducing 90 Degree Elbow	1,021.59	69.93
		For Galvanized Fittings, Add	*733.36*	
		For Extra Heavy Weight Fittings, Add	*1,100.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0812	EA	6" x 4" Standard Weight, Flanged Steel, Reducing 90 Degree Elbow	1,164.32	81.27
		For Galvanized Fittings, Add	*833.98*	
		For Extra Heavy Weight Fittings, Add	*1,250.96*	
23 21 13 23-0813	EA	8" x 6" Standard Weight, Flanged Steel, Reducing 90 Degree Elbow	1,616.63	96.84
		For Galvanized Fittings, Add	*1,177.18*	
		For Extra Heavy Weight Fittings, Add	*1,765.76*	
23 21 13 23-0814		**Flanged Steel, 45 Degree Elbows** *(23 21 13 23-0798)*		
23 21 13 23-0815	EA	2" Standard Weight, Flanged Steel, 45 Degree Elbow	452.87	49.48
		For Galvanized Fittings, Add	*302.96*	
		For Extra Heavy Weight Fittings, Add	*454.44*	
23 21 13 23-0816	EA	2-1/2" Standard Weight, Flanged Steel, 45 Degree Elbow	473.92	55.10
		For Galvanized Fittings, Add	*313.02*	
		For Extra Heavy Weight Fittings, Add	*469.52*	
23 21 13 23-0817	EA	3" Standard Weight, Flanged Steel, 45 Degree Elbow	493.57	60.82
		For Galvanized Fittings, Add	*321.96*	
		For Extra Heavy Weight Fittings, Add	*482.94*	
23 21 13 23-0818	EA	4" Standard Weight, Flanged Steel, 45 Degree Elbow	613.21	70.67
		For Galvanized Fittings, Add	*405.81*	
		For Extra Heavy Weight Fittings, Add	*608.71*	
23 21 13 23-0819	EA	5" Standard Weight, Flanged Steel, 45 Degree Elbow	874.67	79.14
		For Galvanized Fittings, Add	*604.80*	
		For Extra Heavy Weight Fittings, Add	*907.20*	
23 21 13 23-0820	EA	6" Standard Weight, Flanged Steel, 45 Degree Elbow	858.79	91.86
		For Galvanized Fittings, Add	*576.85*	
		For Extra Heavy Weight Fittings, Add	*865.27*	
23 21 13 23-0821	EA	8" Standard Weight, Flanged Steel, 45 Degree Elbow	1,010.07	101.72
		For Galvanized Fittings, Add	*686.00*	
		For Extra Heavy Weight Fittings, Add	*1,029.00*	
23 21 13 23-0822		**Flanged Steel, Tees** *(23 21 13 23-0798)*		
23 21 13 23-0823	EA	2" Standard Weight, Flanged Steel, Tee	456.41	74.17
		For Galvanized Fittings, Add	*276.13*	
		For Extra Heavy Weight Fittings, Add	*414.19*	
23 21 13 23-0824	EA	2-1/2" Standard Weight, Flanged Steel, Tee	583.71	82.64
		For Galvanized Fittings, Add	*367.80*	
		For Extra Heavy Weight Fittings, Add	*551.70*	
23 21 13 23-0825	EA	3" Standard Weight, Flanged Steel, Tee	539.14	91.12
		For Galvanized Fittings, Add	*321.97*	
		For Extra Heavy Weight Fittings, Add	*482.95*	
23 21 13 23-0826	EA	4" Standard Weight, Flanged Steel, Tee	759.80	106.06
		For Galvanized Fittings, Add	*480.70*	
		For Extra Heavy Weight Fittings, Add	*721.04*	
23 21 13 23-0827	EA	5" Standard Weight, Flanged Steel, Tee	1,111.99	118.77
		For Galvanized Fittings, Add	*747.19*	
		For Extra Heavy Weight Fittings, Add	*1,120.79*	
23 21 13 23-0828	EA	6" Standard Weight, Flanged Steel, Tee	1,354.06	137.85
		For Galvanized Fittings, Add	*917.97*	
		For Extra Heavy Weight Fittings, Add	*1,376.95*	
23 21 13 23-0829	EA	8" Standard Weight, Flanged Steel, Tee	1,502.31	159.67
		For Galvanized Fittings, Add	*1,010.29*	
		For Extra Heavy Weight Fittings, Add	*1,515.43*	
23 21 13 23-0830		**Flanged Steel, Reducing Tees** *(23 21 13 23-0798)*		
23 21 13 23-0831	EA	2-1/2" Standard Weight, Flanged Steel, Reducing Tee	705.24	79.89
		For Galvanized Fittings, Add	*468.42*	
		For Extra Heavy Weight Fittings, Add	*702.62*	
23 21 13 23-0832	EA	3" Standard Weight, Flanged Steel, Reducing Tee	812.99	88.36
		For Galvanized Fittings, Add	*544.43*	
		For Extra Heavy Weight Fittings, Add	*816.65*	
23 21 13 23-0833	EA	4" Standard Weight, Flanged Steel, Reducing Tee	1,376.95	101.07
		For Galvanized Fittings, Add	*980.35*	
		For Extra Heavy Weight Fittings, Add	*1,470.53*	
23 21 13 23-0834	EA	5" Standard Weight, Flanged Steel, Reducing Tee	1,490.63	114.53
		For Galvanized Fittings, Add	*1,055.19*	
		For Extra Heavy Weight Fittings, Add	*1,582.79*	
23 21 13 23-0835	EA	6" Standard Weight, Flanged Steel, Reducing Tee	1,868.41	131.49
		For Galvanized Fittings, Add	*1,337.07*	
		For Extra Heavy Weight Fittings, Add	*2,005.61*	
23 21 13 23-0836	EA	8" Standard Weight, Flanged Steel, Reducing Tee	2,325.94	147.70
		For Galvanized Fittings, Add	*1,683.60*	
		For Extra Heavy Weight Fittings, Add	*2,525.40*	
23 21 13 23-0837		**Flanged Steel, Concentric Reducers** *(23 21 13 23-0798)*		
23 21 13 23-0838	EA	3" x 2-1/2" Standard Weight, Flanged Steel, Concentric Reducer	659.82	57.96
		For Galvanized Fittings, Add	*458.35*	
		For Extra Heavy Weight Fittings, Add	*687.53*	
23 21 13 23-0839	EA	4" x 3" Standard Weight, Flanged Steel, Concentric Reducer	749.73	65.69
		For Galvanized Fittings, Add	*520.95*	
		For Extra Heavy Weight Fittings, Add	*781.43*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0840	EA	5" x 4" Standard Weight, Flanged Steel, Concentric Reducer	1,103.07	74.91
		For Galvanized Fittings, Add	*792.61*	
		For Extra Heavy Weight Fittings, Add	*1,188.91*	
23 21 13 23-0841	EA	6" x 4" Standard Weight, Flanged Steel, Concentric Reducer	1,216.02	81.27
		For Galvanized Fittings, Add	*875.34*	
		For Extra Heavy Weight Fittings, Add	*1,313.00*	
23 21 13 23-0842	EA	8" x 6" Standard Weight, Flanged Steel, Concentric Reducer	1,425.19	96.84
		For Galvanized Fittings, Add	*1,024.02*	
		For Extra Heavy Weight Fittings, Add	*1,536.04*	

23 21 13 23-0843 Flanged Steel, Eccentric Reducers *(23 21 13 23-0798)*

23 21 13 23-0844	EA	4" x 3" Standard Weight, Flanged Steel, Eccentric Reducer	714.52	65.69
		For Galvanized Fittings, Add	*492.78*	
		For Extra Heavy Weight Fittings, Add	*739.18*	
23 21 13 23-0845	EA	5" x 4" Standard Weight, Flanged Steel, Eccentric Reducer	965.29	74.91
		For Galvanized Fittings, Add	*682.38*	
		For Extra Heavy Weight Fittings, Add	*1,023.58*	

23 21 13 23-0846 Plain End Couplings And Fittings *(23 21 13 23)*

Note: For use on standard weight steel pipe (Schedule 40), but may be used on lightwall steel or other metallic pipe such as aluminum or stainless steel.

23 21 13 23-0847 Plain End Piping System Couplings *(23 21 13 23-0846)*

23 21 13 23-0848 Plainlock Plain End Piping System Couplings *(23 21 13 23-0847)*

Note: Ductile iron body with gasket, bolts and nuts.

23 21 13 23-0849	EA	1" Plainlock Plain End Piping System Coupling	183.88	6.36
		For Galvanized Fittings, Add	*34.87*	
23 21 13 23-0850	EA	1-1/2" Plainlock Plain End Piping System Coupling	187.59	8.79
		For Galvanized Fittings, Add	*34.87*	
23 21 13 23-0851	EA	2" Plainlock Plain End Piping System Coupling	191.88	11.66
		For Galvanized Fittings, Add	*34.87*	
23 21 13 23-0852	EA	2-1/2" Plainlock Plain End Piping System Coupling	195.54	14.09
		For Galvanized Fittings, Add	*34.87*	
23 21 13 23-0853	EA	3" Plainlock Plain End Piping System Coupling	231.20	16.95
		For Galvanized Fittings, Add	*41.15*	
23 21 13 23-0854	EA	4" Plainlock Plain End Piping System Coupling	318.99	22.57
		For Galvanized Fittings, Add	*57.02*	
23 21 13 23-0855	EA	6" Plainlock Plain End Piping System Coupling	536.48	36.76
		For Galvanized Fittings, Add	*96.28*	

23 21 13 23-0856 Roust-A-Bout Plain End Piping System Couplings *(23 21 13 23-0847)*

Note: Ductile iron body with gasket, bolts and nuts.

23 21 13 23-0857	EA	1-1/2" Roust-A-Bout Plain End Piping System Coupling	221.46	8.79
		For Galvanized Fittings, Add	*52.05*	
23 21 13 23-0858	EA	2" Roust-A-Bout Plain End Piping System Coupling	225.75	11.66
		For Galvanized Fittings, Add	*52.05*	
23 21 13 23-0859	EA	2-1/2" Roust-A-Bout Plain End Piping System Coupling	229.42	14.19
		For Galvanized Fittings, Add	*52.05*	
23 21 13 23-0860	EA	3" Roust-A-Bout Plain End Piping System Coupling	333.84	16.95
		For Galvanized Fittings, Add	*77.11*	
23 21 13 23-0861	EA	3-1/2" Roust-A-Bout Plain End Piping System Coupling	386.61	19.82
		For Galvanized Fittings, Add	*89.23*	
23 21 13 23-0862	EA	4" Roust-A-Bout Plain End Piping System Coupling	390.81	22.57
		For Galvanized Fittings, Add	*89.23*	
23 21 13 23-0863	EA	5" Roust-A-Bout Plain End Piping System Coupling	552.32	28.29
		For Galvanized Fittings, Add	*127.48*	
23 21 13 23-0864	EA	6" Roust-A-Bout Plain End Piping System Coupling	677.90	36.76
		For Galvanized Fittings, Add	*155.70*	
23 21 13 23-0865	EA	8" Roust-A-Bout Plain End Piping System Coupling	1,170.07	43.86
		For Galvanized Fittings, Add	*276.08*	
23 21 13 23-0866	EA	10" Roust-A-Bout Plain End Piping System Coupling	1,514.60	51.91
		For Galvanized Fittings, Add	*359.18*	
23 21 13 23-0867	EA	12" Roust-A-Bout Plain End Piping System Coupling	1,894.97	61.45
		For Galvanized Fittings, Add	*450.70*	
23 21 13 23-0868	EA	14" Roust-A-Bout Plain End Piping System Coupling	2,661.82	67.92
		For Galvanized Fittings, Add	*639.99*	
23 21 13 23-0869	EA	16" Roust-A-Bout Plain End Piping System Coupling	3,620.81	76.82
		For Galvanized Fittings, Add	*876.41*	

23 21 13 23-0870 Plain End Piping System Fittings *(23 21 13 23-0846)*

Note: Cast ductile iron bodies.

23 21 13 23-0871 Plain End Piping System, 90 Degree Elbows *(23 21 13 23-0870)*

23 21 13 23-0872	EA	1" Plain End Piping System, 90 Degree Elbow	181.89	11.55
		For Galvanized Fittings, Add	*32.92*	
23 21 13 23-0873	EA	1-1/2" Plain End Piping System, 90 Degree Elbow	190.80	17.48
		For Galvanized Fittings, Add	*32.92*	
23 21 13 23-0874	EA	2" Plain End Piping System, 90 Degree Elbow	199.21	23.10
		For Galvanized Fittings, Add	*32.92*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0875	EA	2-1/2" Plain End Piping System, 90 Degree Elbow	206.76	28.19
		For Galvanized Fittings, Add	*32.92*	
23 21 13 23-0876	EA	3" Plain End Piping System, 90 Degree Elbow	248.82	34.12
		For Galvanized Fittings, Add	*39.54*	
23 21 13 23-0877	EA	4" Plain End Piping System, 90 Degree Elbow	355.69	44.92
		For Galvanized Fittings, Add	*57.66*	
23 21 13 23-0878	EA	5" Plain End Piping System, 90 Degree Elbow	1,082.22	56.26
		For Galvanized Fittings, Add	*199.57*	
23 21 13 23-0879	EA	6" Plain End Piping System, 90 Degree Elbow	903.83	73.63
		For Galvanized Fittings, Add	*158.69*	
23 21 13 23-0880	EA	8" Plain End Piping System, 90 Degree Elbow	1,807.00	87.41
		For Galvanized Fittings, Add	*335.17*	
23 21 13 23-0881	EA	10" Plain End Piping System, 90 Degree Elbow	2,259.42	102.14
		For Galvanized Fittings, Add	*421.26*	
23 21 13 23-0882	EA	12" Plain End Piping System, 90 Degree Elbow	2,865.77	122.69
		For Galvanized Fittings, Add	*536.36*	

23 21 13 23-0883 Plain End Piping System, 45 Degree Elbows *(23 21 13 23-0870)*

23 21 13 23-0884	EA	1" Plain End Piping System, 45 Degree Elbow	181.89	11.55
		For Galvanized Fittings, Add	*32.92*	
23 21 13 23-0885	EA	1-1/2" Plain End Piping System, 45 Degree Elbow	190.80	17.48
		For Galvanized Fittings, Add	*32.92*	
23 21 13 23-0886	EA	2" Plain End Piping System, 45 Degree Elbow	199.21	23.10
		For Galvanized Fittings, Add	*32.92*	
23 21 13 23-0887	EA	2-1/2" Plain End Piping System, 45 Degree Elbow	206.76	28.19
		For Galvanized Fittings, Add	*32.92*	
23 21 13 23-0888	EA	3" Plain End Piping System, 45 Degree Elbow	248.82	34.12
		For Galvanized Fittings, Add	*39.54*	
23 21 13 23-0889	EA	4" Plain End Piping System, 45 Degree Elbow	355.69	44.92
		For Galvanized Fittings, Add	*57.66*	
23 21 13 23-0890	EA	5" Plain End Piping System, 45 Degree Elbow	1,082.22	56.26
		For Galvanized Fittings, Add	*199.57*	
23 21 13 23-0891	EA	6" Plain End Piping System, 45 Degree Elbow	906.88	73.63
		For Galvanized Fittings, Add	*159.30*	
23 21 13 23-0892	EA	8" Plain End Piping System, 45 Degree Elbow	1,051.97	87.41
		For Galvanized Fittings, Add	*184.17*	
23 21 13 23-0893	EA	10" Plain End Piping System, 45 Degree Elbow	1,438.19	102.14
		For Galvanized Fittings, Add	*257.02*	
23 21 13 23-0894	EA	12" Plain End Piping System, 45 Degree Elbow	1,844.11	122.69
		For Galvanized Fittings, Add	*332.03*	

23 21 13 23-0895 Plain End Piping System, Tees *(23 21 13 23-0870)*

23 21 13 23-0896	EA	1" Plain End Piping System, Tee	247.85	17.48
		For Galvanized Fittings, Add	*44.33*	
23 21 13 23-0897	EA	1-1/2" Plain End Piping System, Tee	260.99	26.27
		For Galvanized Fittings, Add	*44.33*	
23 21 13 23-0898	EA	2" Plain End Piping System, Tee	272.57	34.01
		For Galvanized Fittings, Add	*44.33*	
23 21 13 23-0899	EA	2-1/2" Plain End Piping System, Tee	284.10	41.64
		For Galvanized Fittings, Add	*44.33*	
23 21 13 23-0900	EA	3" Plain End Piping System, Tee	395.72	51.18
		For Galvanized Fittings, Add	*63.79*	
23 21 13 23-0901	EA	4" Plain End Piping System, Tee	542.77	66.22
		For Galvanized Fittings, Add	*88.71*	
23 21 13 23-0902	EA	5" Plain End Piping System, Tee	1,104.22	86.57
		For Galvanized Fittings, Add	*194.87*	
23 21 13 23-0903	EA	6" Plain End Piping System, Tee	1,365.07	108.39
		For Galvanized Fittings, Add	*240.51*	
23 21 13 23-0904	EA	8" Plain End Piping System, Tee	1,863.94	131.80
		For Galvanized Fittings, Add	*333.25*	
23 21 13 23-0905	EA	10" Plain End Piping System, Tee	2,774.88	153.63
		For Galvanized Fittings, Add	*508.91*	
23 21 13 23-0906	EA	12" Plain End Piping System, Tee	3,718.11	184.04
		For Galvanized Fittings, Add	*688.44*	

23 21 13 23-0907 Plain End Piping System, Reducing Tees *(23 21 13 23-0870)*

23 21 13 23-0908	EA	1-1/2" Plain End Piping System, Reducing Tee	480.29	28.19
		For Galvanized Fittings, Add	*87.61*	
23 21 13 23-0909	EA	2" Plain End Piping System, Reducing Tee	489.01	34.01
		For Galvanized Fittings, Add	*87.61*	
23 21 13 23-0910	EA	2-1/2" Plain End Piping System, Reducing Tee	500.54	41.64
		For Galvanized Fittings, Add	*87.61*	
23 21 13 23-0911	EA	3" Plain End Piping System, Reducing Tee	514.85	51.18
		For Galvanized Fittings, Add	*87.61*	
23 21 13 23-0912	EA	4" Plain End Piping System, Reducing Tee	745.95	66.22
		For Galvanized Fittings, Add	*129.35*	
23 21 13 23-0913	EA	6" Plain End Piping System, Reducing Tee	1,260.74	108.39
		For Galvanized Fittings, Add	*219.65*	
23 21 13 23-0914	EA	8" Plain End Piping System, Reducing Tee	1,643.99	131.80
		For Galvanized Fittings, Add	*289.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0915	EA	10" Plain End Piping System, Reducing Tee	2,460.05	153.63
		For Galvanized Fittings, Add	*445.94*	
23 21 13 23-0916	EA	12" Plain End Piping System, Reducing Tee	3,628.02	184.04
		For Galvanized Fittings, Add	*670.42*	

23 21 13 23-0917 Plain End Piping System, Wyes *(23 21 13 23-0870)*

23 21 13 23-0918	EA	2" Plain End Piping System, Wye	700.12	34.01
		For Galvanized Fittings, Add	*129.84*	
23 21 13 23-0919	EA	2-1/2" Plain End Piping System, Wye	711.65	41.64
		For Galvanized Fittings, Add	*129.84*	
23 21 13 23-0920	EA	3" Plain End Piping System, Wye	806.49	51.18
		For Galvanized Fittings, Add	*145.94*	
23 21 13 23-0921	EA	4" Plain End Piping System, Wye	1,182.34	66.22
		For Galvanized Fittings, Add	*216.63*	
23 21 13 23-0922	EA	5" Plain End Piping System, Wye	1,447.88	86.57
		For Galvanized Fittings, Add	*263.61*	
23 21 13 23-0923	EA	6" Plain End Piping System, Wye	1,977.49	108.39
		For Galvanized Fittings, Add	*363.00*	
23 21 13 23-0924	EA	8" Plain End Piping System, Wye	2,548.20	131.80
		For Galvanized Fittings, Add	*470.10*	
23 21 13 23-0925	EA	10" Plain End Piping System, Wye	3,696.48	153.63
		For Galvanized Fittings, Add	*693.23*	
23 21 13 23-0926	EA	12" Plain End Piping System, Wye	5,619.27	184.04
		For Galvanized Fittings, Add	*1,068.67*	

23 21 13 23-0927 Plain End Piping System, Laterals *(23 21 13 23-0870)*

23 21 13 23-0928	EA	2" Plain End Piping System, Lateral	746.03	34.01
		For Galvanized Fittings, Add	*139.02*	
23 21 13 23-0929	EA	2-1/2" Plain End Piping System, Lateral	757.56	41.64
		For Galvanized Fittings, Add	*139.02*	
23 21 13 23-0930	EA	3" Plain End Piping System, Lateral	852.10	51.18
		For Galvanized Fittings, Add	*155.06*	
23 21 13 23-0931	EA	4" Plain End Piping System, Lateral	1,269.44	66.22
		For Galvanized Fittings, Add	*234.05*	
23 21 13 23-0932	EA	5" Plain End Piping System, Lateral	1,655.32	86.57
		For Galvanized Fittings, Add	*305.09*	
23 21 13 23-0933	EA	6" Plain End Piping System, Lateral	2,110.95	108.39
		For Galvanized Fittings, Add	*389.69*	
23 21 13 23-0934	EA	8" Plain End Piping System, Lateral	3,038.44	131.80
		For Galvanized Fittings, Add	*568.15*	
23 21 13 23-0935	EA	10" Plain End Piping System, Lateral	4,240.41	153.63
		For Galvanized Fittings, Add	*802.01*	
23 21 13 23-0936	EA	12" Plain End Piping System, Lateral	5,700.11	184.04
		For Galvanized Fittings, Add	*1,084.84*	

23 21 13 23-0937 Plain End Piping System, Crosses *(23 21 13 23-0870)*

23 21 13 23-0938	EA	2" Plain End Piping System, Cross	831.06	50.97
		For Galvanized Fittings, Add	*94.34*	
23 21 13 23-0939	EA	2-1/2" Plain End Piping System, Cross	848.33	62.41
		For Galvanized Fittings, Add	*94.34*	
23 21 13 23-0940	EA	3" Plain End Piping System, Cross	990.55	76.82
		For Galvanized Fittings, Add	*109.42*	
23 21 13 23-0941	EA	4" Plain End Piping System, Cross	1,351.37	99.28
		For Galvanized Fittings, Add	*150.32*	
23 21 13 23-0942	EA	5" Plain End Piping System, Cross	1,902.81	129.90
		For Galvanized Fittings, Add	*213.51*	
23 21 13 23-0943	EA	6" Plain End Piping System, Cross	2,498.35	162.10
		For Galvanized Fittings, Add	*281.92*	
23 21 13 23-0944	EA	8" Plain End Piping System, Cross	3,187.70	196.33
		For Galvanized Fittings, Add	*361.67*	
23 21 13 23-0945	EA	10" Plain End Piping System, Cross	4,565.63	229.49
		For Galvanized Fittings, Add	*527.70*	
23 21 13 23-0946	EA	12" Plain End Piping System, Cross	6,501.13	276.11
		For Galvanized Fittings, Add	*760.91*	

23 21 13 23-0947 Plain End Piping System, Adapter Nipples *(23 21 13 23-0870)*

Note: Plain to threaded, plain to beveled or plain to grooved.

23 21 13 23-0948	EA	1" Plain End Piping System, Adapter Nipple	78.81	6.36
		For Galvanized Fittings, Add	*17.32*	
23 21 13 23-0949	EA	1-1/2" Plain End Piping System, Adapter Nipple	84.43	8.79
		For Galvanized Fittings, Add	*17.80*	
23 21 13 23-0950	EA	2" Plain End Piping System, Adapter Nipple	88.61	11.66
		For Galvanized Fittings, Add	*17.80*	
23 21 13 23-0951	EA	2-1/2" Plain End Piping System, Adapter Nipple	104.58	14.09
		For Galvanized Fittings, Add	*20.85*	
23 21 13 23-0952	EA	3" Plain End Piping System, Adapter Nipple	128.48	16.95
		For Galvanized Fittings, Add	*25.76*	
23 21 13 23-0953	EA	4" Plain End Piping System, Adapter Nipple	206.22	22.57
		For Galvanized Fittings, Add	*43.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0954	EA	6" Plain End Piping System, Adapter Nipple	508.40	28.29
		For Galvanized Fittings, Add	*116.51*	

23 21 13 23-0955 Plain End Piping System, Reducing (Swaged) Nipples *(23 21 13 23-0870)*

23 21 13 23-0956	EA	1-1/2" x 1" Plain End Piping System, Reducing (Swaged) Nipple	255.60	15.15
		For Galvanized Fittings, Add	*58.21*	
23 21 13 23-0957	EA	2" x 1" Plain End Piping System, Reducing (Swaged) Nipple	259.85	18.01
		For Galvanized Fittings, Add	*58.21*	
23 21 13 23-0958	EA	2" x 1-1/2" Plain End Piping System, Reducing (Swaged) Nipple	264.13	20.87
		For Galvanized Fittings, Add	*58.21*	
23 21 13 23-0959	EA	2-1/2" x 1" Plain End Piping System, Reducing (Swaged) Nipple	263.09	20.24
		For Galvanized Fittings, Add	*58.21*	
23 21 13 23-0960	EA	2-1/2" x 1-1/2" Plain End Piping System, Reducing (Swaged) Nipple	267.26	22.99
		For Galvanized Fittings, Add	*58.21*	
23 21 13 23-0961	EA	2-1/2" x 2" Plain End Piping System, Reducing (Swaged) Nipple	271.48	25.75
		For Galvanized Fittings, Add	*58.21*	
23 21 13 23-0962	EA	3" x 1" Plain End Piping System, Reducing (Swaged) Nipple	318.45	23.31
		For Galvanized Fittings, Add	*70.89*	
23 21 13 23-0963	EA	3" x 1-1/2" Plain End Piping System, Reducing (Swaged) Nipple	322.21	25.75
		For Galvanized Fittings, Add	*70.89*	
23 21 13 23-0964	EA	3" x 2" Plain End Piping System, Reducing (Swaged) Nipple	261.01	28.61
		For Galvanized Fittings, Add	*54.52*	
23 21 13 23-0965	EA	3" x 2-1/2" Plain End Piping System, Reducing (Swaged) Nipple	269.22	34.12
		For Galvanized Fittings, Add	*54.52*	
23 21 13 23-0966	EA	3-1/2" x 3" Plain End Piping System, Reducing (Swaged) Nipple	315.84	36.76
		For Galvanized Fittings, Add	*65.19*	
23 21 13 23-0967	EA	4" x 1" Plain End Piping System, Reducing (Swaged) Nipple	442.15	28.92
		For Galvanized Fittings, Add	*99.68*	
23 21 13 23-0968	EA	4" x 1-1/2" Plain End Piping System, Reducing (Swaged) Nipple	445.86	31.47
		For Galvanized Fittings, Add	*99.68*	
23 21 13 23-0969	EA	4" x 2" Plain End Piping System, Reducing (Swaged) Nipple	353.36	34.33
		For Galvanized Fittings, Add	*75.48*	
23 21 13 23-0970	EA	4" x 2-1/2" Plain End Piping System, Reducing (Swaged) Nipple	357.00	36.76
		For Galvanized Fittings, Add	*75.48*	
23 21 13 23-0971	EA	4" x 3" Plain End Piping System, Reducing (Swaged) Nipple	361.32	39.62
		For Galvanized Fittings, Add	*75.48*	
23 21 13 23-0972	EA	4" x 3-1/2" Plain End Piping System, Reducing (Swaged) Nipple	365.45	42.38
		For Galvanized Fittings, Add	*75.48*	
23 21 13 23-0973	EA	5" x 2" Plain End Piping System, Reducing (Swaged) Nipple	1,170.24	39.94
		For Galvanized Fittings, Add	*277.58*	
23 21 13 23-0974	EA	5" x 3" Plain End Piping System, Reducing (Swaged) Nipple	924.75	45.13
		For Galvanized Fittings, Add	*214.25*	
23 21 13 23-0975	EA	5" x 4" Plain End Piping System, Reducing (Swaged) Nipple	781.56	50.97
		For Galvanized Fittings, Add	*176.31*	
23 21 13 23-0976	EA	6" x 1" Plain End Piping System, Reducing (Swaged) Nipple	2,180.22	43.13
		For Galvanized Fittings, Add	*528.90*	
23 21 13 23-0977	EA	6" x 1-1/2" Plain End Piping System, Reducing (Swaged) Nipple	2,183.88	45.56
		For Galvanized Fittings, Add	*528.90*	
23 21 13 23-0978	EA	6" x 2" Plain End Piping System, Reducing (Swaged) Nipple	1,637.34	48.42
		For Galvanized Fittings, Add	*391.19*	
23 21 13 23-0979	EA	6" x 2-1/2" Plain End Piping System, Reducing (Swaged) Nipple	1,641.10	50.97
		For Galvanized Fittings, Add	*391.19*	
23 21 13 23-0980	EA	6" x 3" Plain End Piping System, Reducing (Swaged) Nipple	1,094.61	53.72
		For Galvanized Fittings, Add	*253.53*	
23 21 13 23-0981	EA	6" x 3-1/2" Plain End Piping System, Reducing (Swaged) Nipple	1,098.46	56.26
		For Galvanized Fittings, Add	*253.53*	
23 21 13 23-0982	EA	6" x 4" Plain End Piping System, Reducing (Swaged) Nipple	857.97	59.34
		For Galvanized Fittings, Add	*192.27*	
23 21 13 23-0983	EA	6" x 5" Plain End Piping System, Reducing (Swaged) Nipple	979.20	64.95
		For Galvanized Fittings, Add	*220.45*	
23 21 13 23-0984	EA	8" x 3" Plain End Piping System, Reducing (Swaged) Nipple	1,314.03	60.71
		For Galvanized Fittings, Add	*305.75*	
23 21 13 23-0985	EA	8" x 4" Plain End Piping System, Reducing (Swaged) Nipple	1,322.59	66.43
		For Galvanized Fittings, Add	*305.75*	
23 21 13 23-0986	EA	8" x 5" Plain End Piping System, Reducing (Swaged) Nipple	1,499.44	72.15
		For Galvanized Fittings, Add	*347.83*	
23 21 13 23-0987	EA	8" x 6" Plain End Piping System, Reducing (Swaged) Nipple	1,680.52	80.63
		For Galvanized Fittings, Add	*389.89*	

23 21 13 23-0988 Plain End Piping System, Bull Plugs *(23 21 13 23-0870)*

23 21 13 23-0989	EA	1" Plain End Piping System, Bull Plug	367.38	6.36
		For Galvanized Fittings, Add	*107.35*	
23 21 13 23-0990	EA	1-1/2" Plain End Piping System, Bull Plug	371.09	8.79
		For Galvanized Fittings, Add	*107.35*	
23 21 13 23-0991	EA	2" Plain End Piping System, Bull Plug	375.27	11.66
		For Galvanized Fittings, Add	*107.35*	
23 21 13 23-0992	EA	2-1/2" Plain End Piping System, Bull Plug	379.03	14.09
		For Galvanized Fittings, Add	*107.35*	
23 21 13 23-0993	EA	3" Plain End Piping System, Bull Plug	549.99	16.95
		For Galvanized Fittings, Add	*157.37*	
23 21 13 23-0994	EA	4" Plain End Piping System, Bull Plug	711.45	22.57
		For Galvanized Fittings, Add	*203.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0995	EA	5" Plain End Piping System, Bull Plug	1,239.75	28.29
		For Galvanized Fittings, Add	*359.21*	
23 21 13 23-0996	EA	6" Plain End Piping System, Bull Plug	1,652.10	36.76
		For Galvanized Fittings, Add	*479.10*	
23 21 13 23-0997	EA	8" Plain End Piping System, Bull Plug	3,068.12	43.76
		For Galvanized Fittings, Add	*900.73*	
23 21 13 23-0998	EA	10" Plain End Piping System, Bull Plug	5,527.21	51.18
		For Galvanized Fittings, Add	*1,635.13*	
23 21 13 23-0999	EA	12" Plain End Piping System, Bull Plug	8,473.95	61.45
		For Galvanized Fittings, Add	*2,514.54*	

23 21 13 23-1000 Carbon Steel Piping Systems *(23 21 13 23)*

23 21 13 23-1001 Class 3,000 LB Carbon Steel Socket Weld Fittings *(23 21 13 23-1000)*

Note: ASTM A105

23 21 13 23-1002 90 Degree Elbows, 3,000 LB Carbon Steel Socket Weld *(23 21 13 23-1001)*

23 21 13 23-1003	EA	1/2" 90 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	50.35	20.97
23 21 13 23-1004	EA	3/4" 90 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	56.81	23.41
23 21 13 23-1005	EA	1" 90 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	79.19	26.17
23 21 13 23-1006	EA	1-1/4" 90 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	118.92	29.67
23 21 13 23-1007	EA	1-1/2" 90 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	136.78	33.38
23 21 13 23-1008	EA	2" 90 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	190.95	42.48
23 21 13 23-1009	EA	2-1/2" 90 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	417.18	62.83
23 21 13 23-1010	EA	3" 90 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	606.05	82.64
23 21 13 23-1011	EA	4" 90 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	1,161.28	91.70

23 21 13 23-1012 45 Degree Elbows, 3,000 LB Carbon Steel Socket Weld *(23 21 13 23-1001)*

23 21 13 23-1013	EA	1/2" 45 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	58.71	20.97
23 21 13 23-1014	EA	3/4" 45 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	69.45	23.41
23 21 13 23-1015	EA	1" 45 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	83.08	26.17
23 21 13 23-1016	EA	1-1/4" 45 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	123.85	29.67
23 21 13 23-1017	EA	1-1/2" 45 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	148.57	33.38
23 21 13 23-1018	EA	2" 45 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	190.70	42.48
23 21 13 23-1019	EA	2-1/2" 45 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	489.34	62.83
23 21 13 23-1020	EA	3" 45 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	667.11	82.64
23 21 13 23-1021	EA	4" 45 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB	1,134.86	91.70

23 21 13 23-1022 Straight Tees, 3,000 LB Carbon Steel Socket Weld *(23 21 13 23-1001)*

23 21 13 23-1023	EA	1/2" Tee, Straight, Carbon Steel, Socket Weld, 3,000 LB	60.79	26.17
23 21 13 23-1024	EA	3/4" Tee, Straight, Carbon Steel, Socket Weld, 3,000 LB	76.40	30.19
23 21 13 23-1025	EA	1" Tee, Straight, Carbon Steel, Socket Weld, 3,000 LB	108.56	35.70
23 21 13 23-1026	EA	1-1/4" Tee, Straight, Carbon Steel, Socket Weld, 3,000 LB	153.40	42.48
23 21 13 23-1027	EA	1-1/2" Tee, Straight, Carbon Steel, Socket Weld, 3,000 LB	187.25	50.64
23 21 13 23-1028	EA	2" Tee, Straight, Carbon Steel, Socket Weld, 3,000 LB	255.75	62.83
23 21 13 23-1029	EA	2-1/2" Tee, Straight, Carbon Steel, Socket Weld, 3,000 LB	512.89	82.64
23 21 13 23-1030	EA	3" Tee, Straight, Carbon Steel, Socket Weld, 3,000 LB	731.19	98.11
23 21 13 23-1031	EA	4" Tee, Straight, Carbon Steel, Socket Weld, 3,000 LB	1,545.72	115.76

23 21 13 23-1032 Reducing Tees, 3,000 LB Carbon Steel Socket Weld *(23 21 13 23-1001)*

23 21 13 23-1033	EA	1/2" Tee, Reducing, Carbon Steel, Socket Weld, 3,000 LB	63.08	26.17
23 21 13 23-1034	EA	3/4" Tee, Reducing, Carbon Steel, Socket Weld, 3,000 LB	78.76	30.19
23 21 13 23-1035	EA	1" Tee, Reducing, Carbon Steel, Socket Weld, 3,000 LB	111.39	35.70
23 21 13 23-1036	EA	1-1/4" Tee, Reducing, Carbon Steel, Socket Weld, 3,000 LB	160.11	42.48
23 21 13 23-1037	EA	1-1/2" Tee, Reducing, Carbon Steel, Socket Weld, 3,000 LB	195.12	50.64
23 21 13 23-1038	EA	2" Tee, Reducing, Carbon Steel, Socket Weld, 3,000 LB	267.82	62.83
23 21 13 23-1039	EA	2-1/2" Tee, Reducing, Carbon Steel, Socket Weld, 3,000 LB	541.57	82.64
23 21 13 23-1040	EA	3" Tee, Reducing, Carbon Steel, Socket Weld, 3,000 LB	772.50	98.11
23 21 13 23-1041	EA	4" Tee, Reducing, Carbon Steel, Socket Weld, 3,000 LB	1,398.73	115.76

23 21 13 23-1042 Straight Couplings, 3,000 LB Carbon Steel Socket Weld *(23 21 13 23-1001)*

23 21 13 23-1043	EA	1/2" Coupling, Straight, Carbon Steel, Socket Weld, 3,000 LB	40.05	20.97
23 21 13 23-1044	EA	3/4" Coupling, Straight, Carbon Steel, Socket Weld, 3,000 LB	45.40	23.41
23 21 13 23-1045	EA	1" Coupling, Straight, Carbon Steel, Socket Weld, 3,000 LB	54.97	26.17
23 21 13 23-1046	EA	1-1/4" Coupling, Straight, Carbon Steel, Socket Weld, 3,000 LB	64.26	29.67
23 21 13 23-1047	EA	1-1/2" Coupling, Straight, Carbon Steel, Socket Weld, 3,000 LB	76.77	33.38
23 21 13 23-1048	EA	2" Coupling, Straight, Carbon Steel, Socket Weld, 3,000 LB	102.62	42.48
23 21 13 23-1049	EA	2-1/2" Coupling, Straight, Carbon Steel, Socket, Weld, 3,000 LB	192.21	62.83
23 21 13 23-1050	EA	3" Coupling, Straight, Carbon Steel, Socket Weld, 3,000 LB	259.10	82.64
23 21 13 23-1051	EA	4" Coupling, Straight, Carbon Steel, Socket Weld, 3,000 LB	407.10	91.70

23 21 13 23-1052 Reducing Couplings, 3,000 LB Carbon Steel Socket Weld *(23 21 13 23-1001)*

23 21 13 23-1053	EA	1/2" Coupling, Reducing, Carbon Steel, Socket Weld, 3,000 LB	44.72	20.97
23 21 13 23-1054	EA	3/4" Coupling, Reducing, Carbon Steel, Socket Weld, 3,000 LB	50.51	23.41
23 21 13 23-1055	EA	1" Coupling, Reducing, Carbon Steel, Socket Weld, 3,000 LB	63.16	26.17

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1056	EA	1-1/4" Coupling, Reducing, Carbon Steel, Socket Weld, 3,000 LB	74.15	29.67
23 21 13 23-1057	EA	1-1/2" Coupling, Reducing, Carbon Steel, Socket Weld, 3,000 LB	91.44	33.38
23 21 13 23-1058	EA	2" Coupling, Reducing, Carbon Steel, Socket Weld, 3,000 LB	118.30	42.48
23 21 13 23-1059	EA	2-1/2" Coupling, Reducing, Carbon Steel, Socket Weld, 3,000 LB	226.74	62.83
23 21 13 23-1060	EA	3" Coupling, Reducing, Carbon Steel, Socket Weld, 3,000 LB	328.56	82.64
23 21 13 23-1061	EA	4" Coupling, Reducing, Carbon Steel, Socket Weld, 3,000 LB	551.48	91.70
23 21 13 23-1062		**Caps, 3,000 LB Carbon Steel Socket Weld** *(23 21 13 23-1001)*		
23 21 13 23-1063	EA	1/2" Cap, Carbon Steel, Socket Weld, 3,000 LB	28.41	9.85
23 21 13 23-1064	EA	3/4" Cap, Carbon Steel, Socket Weld, 3,000 LB	33.64	10.49
23 21 13 23-1065	EA	1" Cap, Carbon Steel, Socket Weld, 3,000 LB	39.83	12.08
23 21 13 23-1066	EA	1-1/4" Cap, Carbon Steel, Socket Weld, 3,000 LB	47.95	13.14
23 21 13 23-1067	EA	1-1/2" Cap, Carbon Steel, Socket Weld, 3,000 LB	58.34	13.14
23 21 13 23-1068	EA	2" Cap, Carbon Steel, Socket Weld, 3,000 LB	75.84	16.84
23 21 13 23-1069	EA	2-1/2" Cap, Carbon Steel, Socket Weld, 3,000 LB	150.37	20.97
23 21 13 23-1070	EA	3" Cap, Carbon Steel, Socket Weld, 3,000 LB	225.42	25.33
23 21 13 23-1071	EA	4" Cap, Carbon Steel, Socket Weld, 3,000 LB	339.36	31.38
23 21 13 23-1072		**Black Cast Iron Square Head Plug** *(23 21 13 23-1001)*		
23 21 13 23-1073	EA	1/2" Square Head Plug, Black, Cast Iron	15.44	8.37
23 21 13 23-1074	EA	3/4" Square Head Plug, Black, Cast Iron	19.88	8.37
23 21 13 23-1075	EA	1" Square Head Plug, Black, Cast Iron	27.24	12.71
23 21 13 23-1076	EA	1-1/4" Square Head Plug, Black, Cast Iron	28.13	12.71
23 21 13 23-1077	EA	1-1/2" Square Head Plug, Black, Cast Iron	31.81	12.71
23 21 13 23-1078	EA	2" Square Head Plug, Black, Cast Iron	41.94	16.84
23 21 13 23-1079	EA	2-1/2" Square Head Plug, Black, Cast Iron	55.50	20.97
23 21 13 23-1080	EA	3" Square Head Plug, Black, Cast Iron	76.68	25.33
23 21 13 23-1081	EA	4" Square Head Plug, Black, Cast Iron	92.53	31.38
23 21 13 23-1082		**Unions, 3,000 LB Carbon Steel Socket Weld** *(23 21 13 23-1001)*		
23 21 13 23-1083	EA	1/2" Union, Carbon Steel, Socket Weld, 3,000 LB	87.78	26.17
23 21 13 23-1084	EA	3/4" Union, Carbon Steel, Socket Weld, 3,000 LB	95.09	30.19
23 21 13 23-1085	EA	1" Union, Carbon Steel, Socket Weld, 3,000 LB	126.31	35.70
23 21 13 23-1086	EA	1-1/4" Union, Carbon Steel, Socket Weld, 3,000 LB	164.12	42.48
23 21 13 23-1087	EA	1-1/2" Union, Carbon Steel, Socket Weld, 3,000 LB	198.57	50.64
23 21 13 23-1088	EA	2" Union, Carbon Steel, Socket Weld, 3,000 LB	249.15	62.83
23 21 13 23-1089	EA	2-1/2" Union, Carbon Steel, Socket Weld, 3,000 LB	499.17	68.23
23 21 13 23-1090	EA	3" Union, Carbon Steel, Socket Weld, 3,000 LB	686.33	82.64
23 21 13 23-1091		**Class 6,000 LB Carbon Steel Socket Weld Fittings** *(23 21 13 23-1000)* Note: ASTM A105		
23 21 13 23-1092		**90 Degree Elbow, 6,000 LB Carbon Steel Socket Weld** *(23 21 13 23-1091)*		
23 21 13 23-1093	EA	1/2" 90 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB	60.42	20.97
23 21 13 23-1094	EA	3/4" 90 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB	68.31	23.41
23 21 13 23-1095	EA	1" 90 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB	100.41	26.17
23 21 13 23-1096	EA	1-1/4" 90 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB	158.48	29.67
23 21 13 23-1097	EA	1-1/2" 90 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB	182.81	33.38
23 21 13 23-1098	EA	2" 90 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB	258.56	42.48
23 21 13 23-1099	EA	2-1/2" 90 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB	588.73	62.83
23 21 13 23-1100	EA	3" 90 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB	862.11	82.64
23 21 13 23-1101	EA	4" 90 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB	1,705.05	91.70
23 21 13 23-1102		**45 Degree Elbow, 6,000 LB Carbon Steel Socket Weld** *(23 21 13 23-1091)*		
23 21 13 23-1103	EA	1/2" 45 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB	74.17	20.97
23 21 13 23-1104	EA	3/4" 45 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB	88.87	23.41
23 21 13 23-1105	EA	1" 45 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB	107.90	26.17
23 21 13 23-1106	EA	1-1/4" 45 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB	168.81	29.67
23 21 13 23-1107	EA	1-1/2" 45 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB	204.33	33.38
23 21 13 23-1108	EA	2" 45 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB	262.64	42.48
23 21 13 23-1109	EA	2-1/2" 45 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB	713.09	62.83
23 21 13 23-1110	EA	3" 45 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB	974.66	82.64
23 21 13 23-1111	EA	4" 45 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB	1,699.61	91.70
23 21 13 23-1112		**Straight Tees, 6,000 LB Carbon Steel Socket Weld** *(23 21 13 23-1091)*		
23 21 13 23-1113	EA	1/2" Tee, Straight, Carbon Steel, Socket Weld, 6,000 LB	80.74	26.17
23 21 13 23-1114	EA	3/4" Tee, Straight, Carbon Steel, Socket Weld, 6,000 LB	105.22	30.19
23 21 13 23-1115	EA	1" Tee, Straight, Carbon Steel, Socket Weld, 6,000 LB	159.55	35.70
23 21 13 23-1116	EA	1-1/4" Tee, Straight, Carbon Steel, Socket Weld, 6,000 LB	236.54	42.48
23 21 13 23-1117	EA	1-1/2" Tee, Straight, Carbon Steel, Socket Weld, 6,000 LB	290.34	50.64
23 21 13 23-1118	EA	2" Tee, Straight, Carbon Steel, Socket Weld, 6,000 LB	405.40	62.83
23 21 13 23-1119	EA	2-1/2" Tee, Straight, Carbon Steel, Socket Weld, 6,000 LB	873.14	82.64
23 21 13 23-1120	EA	3" Tee, Straight, Carbon Steel, Socket Weld, 6,000 LB	1,272.13	98.11
23 21 13 23-1121	EA	4" Tee, Straight, Carbon Steel, Socket Weld, 6,000 LB	2,816.60	115.76

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1122			**Reducing Tees, 6,000 LB Carbon Steel Socket Weld** *(23 21 13 23-1091)*		
23 21 13 23-1123		EA	1/2" Tee, Reducing, Carbon Steel, Socket Weld, 6,000 LB	63.08	26.17
23 21 13 23-1124		EA	3/4" Tee, Reducing, Carbon Steel, Socket Weld, 6,000 LB	78.76	30.19
23 21 13 23-1125		EA	1" Tee, Reducing, Carbon Steel, Socket Weld, 6,000 LB	111.39	35.70
23 21 13 23-1126		EA	1-1/4" Tee, Reducing, Carbon Steel, Socket Weld, 6,000 LB	160.11	42.48
23 21 13 23-1127		EA	1-1/2" Tee, Reducing, Carbon Steel, Socket Weld, 6,000 LB	195.12	50.64
23 21 13 23-1128		EA	2" Tee, Reducing, Carbon Steel, Socket Weld, 6,000 LB	267.82	62.83
23 21 13 23-1129		EA	2-1/2" Tee, Reducing, Carbon Steel, Socket Weld, 6,000 LB	541.57	82.64
23 21 13 23-1130		EA	3" Tee, Reducing, Carbon Steel, Socket Weld, 6,000 LB	772.50	98.11
23 21 13 23-1131		EA	4" Tee, Reducing, Carbon Steel, Socket Weld, 6,000 LB	1,398.73	115.76
23 21 13 23-1132			**Straight Couplings, 6,000 LB Carbon Steel Socket Weld** *(23 21 13 23-1091)*		
23 21 13 23-1133		EA	1/2" Coupling, Straight, Carbon Steel, Socket Weld, 6,000 LB	44.24	20.97
23 21 13 23-1134		EA	3/4" Coupling, Straight, Carbon Steel, Socket Weld, 6,000 LB	50.36	23.41
23 21 13 23-1135		EA	1" Coupling, Straight, Carbon Steel, Socket Weld, 6,000 LB	62.58	26.17
23 21 13 23-1136		EA	1-1/4" Coupling, Straight, Carbon Steel, Socket Weld, 6,000 LB	73.85	29.67
23 21 13 23-1137		EA	1-1/2" Coupling, Straight, Carbon Steel, Socket Weld, 6,000 LB	89.67	33.38
23 21 13 23-1138		EA	2" Coupling, Straight, Carbon Steel, Socket Weld, 6,000 LB	121.47	42.48
23 21 13 23-1139		EA	2-1/2" Coupling, Straight, Carbon Steel, Socket Weld, 6,000 LB	239.61	62.83
23 21 13 23-1140		EA	3" Coupling, Straight, Carbon Steel, Socket Weld, 6,000 LB	324.48	82.64
23 21 13 23-1141		EA	4" Coupling, Straight, Carbon Steel, Socket Weld, 6,000 LB	537.52	91.70
23 21 13 23-1142			**Reducing Couplings, 6,000 LB Carbon Steel Socket Weld** *(23 21 13 23-1091)*		
23 21 13 23-1143		EA	1/2" Coupling, Reducing, Carbon Steel, Socket Weld, 6,000 LB	51.11	20.97
23 21 13 23-1144		EA	3/4" Coupling, Reducing, Carbon Steel, Socket Weld, 6,000 LB	57.89	23.41
23 21 13 23-1145		EA	1" Coupling, Reducing, Carbon Steel, Socket Weld, 6,000 LB	74.64	26.17
23 21 13 23-1146		EA	1-1/4" Coupling, Reducing, Carbon Steel, Socket Weld, 6,000 LB	88.42	29.67
23 21 13 23-1147		EA	1-1/2" Coupling, Reducing, Carbon Steel, Socket Weld, 6,000 LB	111.28	33.38
23 21 13 23-1148		EA	2" Coupling, Reducing, Carbon Steel, Socket Weld, 6,000 LB	144.54	42.48
23 21 13 23-1149		EA	2-1/2" Coupling, Reducing, Carbon Steel, Socket Weld, 6,000 LB	290.36	62.83
23 21 13 23-1150		EA	3" Coupling, Reducing, Carbon Steel, Socket Weld, 6,000 LB	426.79	82.64
23 21 13 23-1151		EA	4" Coupling, Reducing, Carbon Steel, Socket Weld, 6,000 LB	750.23	91.70
23 21 13 23-1152			**Caps, 6,000 LB Carbon Steel Socket Weld** *(23 21 13 23-1091)*		
23 21 13 23-1153		EA	1/2" Cap, Carbon Steel, Socket Weld, 6,000 LB	37.60	9.85
23 21 13 23-1154		EA	3/4" Cap, Carbon Steel, Socket Weld, 6,000 LB	45.68	10.49
23 21 13 23-1155		EA	1" Cap, Carbon Steel, Socket Weld, 6,000 LB	54.40	12.08
23 21 13 23-1156		EA	1-1/4" Cap, Carbon Steel, Socket Weld, 6,000 LB	66.96	13.14
23 21 13 23-1157		EA	1-1/2" Cap, Carbon Steel, Socket Weld, 6,000 LB	84.32	13.14
23 21 13 23-1158		EA	2" Cap, Carbon Steel, Socket Weld, 6,000 LB	109.74	16.84
23 21 13 23-1159		EA	2-1/2" Cap, Carbon Steel, Socket Weld, 6,000 LB	230.21	20.97
23 21 13 23-1160		EA	3" Cap, Carbon Steel, Socket Weld, 6,000 LB	351.21	25.33
23 21 13 23-1161		EA	4" Cap, Carbon Steel, Socket Weld, 6,000 LB	535.50	31.38
23 21 13 23-1162			**Black Cast Iron Square Head Plug** *(23 21 13 23-1091)*		
23 21 13 23-1163		EA	1/2" Square Head Plug, Black Cast Iron	15.45	8.37
23 21 13 23-1164		EA	3/4" Square Head Plug, Black Cast Iron	19.91	8.37
23 21 13 23-1165		EA	1" Square Head Plug, Black Cast Iron	27.28	12.71
23 21 13 23-1166		EA	1-1/4" Square Head Plug, Black Cast Iron	28.17	12.71
23 21 13 23-1167		EA	1-1/2" Square Head Plug, Black Cast Iron	31.87	12.71
23 21 13 23-1168		EA	2" Square Head Plug, Black Cast Iron	42.02	16.84
23 21 13 23-1169		EA	2-1/2" Square Head Plug, Black Cast Iron	55.62	20.97
23 21 13 23-1170		EA	3" Square Head Plug, Black Cast Iron	76.87	25.33
23 21 13 23-1171		EA	4" Square Head Plug, Black Cast Iron	92.76	31.38
23 21 13 23-1172			**Unions, 6,000 LB Carbon Steel Socket Weld** *(23 21 13 23-1091)*		
23 21 13 23-1173		EA	1/2" Union, Carbon Steel, Socket Weld, 6,000 LB	117.46	26.17
23 21 13 23-1174		EA	3/4" Union, Carbon Steel, Socket Weld, 6,000 LB	125.55	30.19
23 21 13 23-1175		EA	1" Union, Carbon Steel, Socket Weld, 6,000 LB	170.83	35.70
23 21 13 23-1176		EA	1-1/4" Union, Carbon Steel, Socket Weld, 6,000 LB	225.56	42.48
23 21 13 23-1177		EA	1-1/2" Union, Carbon Steel, Socket Weld, 6,000 LB	273.55	50.64
23 21 13 23-1178		EA	2" Union, Carbon Steel, Socket Weld, 6,000 LB	343.92	62.83
23 21 13 23-1179		EA	2-1/2" Union, Carbon Steel, Socket Weld, 6,000 LB	741.81	68.23
23 21 13 23-1180		EA	3" Union, Carbon Steel, Socket Weld, 6,000 LB	1,030.25	82.64
23 21 13 23-1181			**Carbon Steel, Seamless Piping System** *(23 21 13 23-1000)* Note: ASTM A106 Excludes hangers or fittings. Demolition Note applies to all pipe demolition.		
23 21 13 23-1182			**Schedule 40, Carbon Steel, Seamless Piping** *(23 21 13 23-1181)* Note: ASTM A106 Excludes hangers, elbow, tee, or reducer fittings.		
23 21 13 23-1183		LF	1/4" Schedule 40, Threaded (A-106) Seamless, Carbon Steel Pipe	12.45	3.92
			For Schedule 80, Add	*2.37*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1184	LF	1/2" Schedule 40, Threaded (A-106) Seamless, Carbon Steel Pipe	12.43	4.24
		For Schedule 80, Add	*2.16*	
		For Schedule 160, Add	*9.02*	
23 21 13 23-1185	LF	3/4" Schedule 40, Threaded (A-106) Seamless, Carbon Steel Pipe	14.20	4.55
		For Schedule 80, Add	*2.65*	
		For Schedule 160, Add	*11.04*	
23 21 13 23-1186	LF	1" Schedule 40, Threaded (A-106) Seamless, Carbon Steel Pipe	14.98	4.98
		For Schedule 80, Add	*2.73*	
		For Schedule 160, Add	*11.37*	
23 21 13 23-1187	LF	1-1/2" Schedule 40, Threaded (A-106) Seamless, Carbon Steel Pipe	21.51	6.15
		For Schedule 80, Add	*4.42*	
		For Schedule 160, Add	*18.44*	
23 21 13 23-1188	LF	2" Schedule 40, Threaded (A-106) Seamless, Carbon Steel Pipe	25.86	7.41
		For Schedule 80, Add	*5.30*	
		For Schedule 160, Add	*22.07*	

23 21 13 23-1189 90 Degree Elbows, Screwed Carbon Steel *(23 21 13 23-1181)*

23 21 13 23-1190	EA	1/4" 90 Degree Elbow, 2,000 LB, Screwed Carbon Steel	36.18	16.11
23 21 13 23-1191	EA	1/2" 90 Degree Elbow, 2,000 LB, Screwed Carbon Steel	44.67	18.86
23 21 13 23-1192	EA	3/4" 90 Degree Elbow, 2,000 LB, Screwed Carbon Steel	49.84	21.09
23 21 13 23-1193	EA	1" 90 Degree Elbow, 2,000 LB, Screwed Carbon Steel	58.27	23.52
23 21 13 23-1194	EA	1-1/2" 90 Degree Elbow, 2,000 LB, Screwed Carbon Steel	104.34	30.09
23 21 13 23-1195	EA	2" 90 Degree Elbow, 2,000 LB, Screwed Carbon Steel	132.06	38.25
23 21 13 23-1196	EA	1/4" 90 Degree Elbow, 3,000 LB, Screwed Carbon Steel	39.99	16.11
23 21 13 23-1197	EA	1/2" 90 Degree Elbow, 3,000 LB, Screwed Carbon Steel	46.10	18.86
23 21 13 23-1198	EA	3/4" 90 Degree Elbow, 3,000 LB, Screwed Carbon Steel	54.54	21.09
23 21 13 23-1199	EA	1" 90 Degree Elbow, 3,000 LB, Screwed Carbon Steel	68.52	23.52
23 21 13 23-1200	EA	1-1/2" 90 Degree Elbow, 3,000 LB, Screwed Carbon Steel	128.81	30.09
23 21 13 23-1201	EA	2" 90 Degree Elbow, 3,000 LB, Screwed Carbon Steel	159.10	38.25
23 21 13 23-1202	EA	1/2" 90 Degree Elbow, 6,000 LB, Screwed Carbon Steel	59.41	18.86
23 21 13 23-1203	EA	3/4" 90 Degree Elbow, 6,000 LB, Screwed Carbon Steel	71.31	21.09
23 21 13 23-1204	EA	1" 90 Degree Elbow, 6,000 LB, Screwed Carbon Steel	86.14	23.52
23 21 13 23-1205	EA	1-1/2" 90 Degree Elbow, 6,000 LB, Screwed Carbon Steel	178.32	30.09
23 21 13 23-1206	EA	2" 90 Degree Elbow, 6,000 LB, Screwed Carbon Steel	290.41	38.25

23 21 13 23-1207 45 Degree Elbows, Screwed Carbon Steel *(23 21 13 23-1181)*

23 21 13 23-1208	EA	1/4" 45 Degree Elbow, 2,000 LB, Screwed Carbon Steel	43.85	16.11
23 21 13 23-1209	EA	1/2" 45 Degree Elbow, 2,000 LB, Screwed Carbon Steel	47.74	18.86
23 21 13 23-1210	EA	3/4" 45 Degree Elbow, 2,000 LB, Screwed Carbon Steel	53.81	21.09
23 21 13 23-1211	EA	1" 45 Degree Elbow, 2,000 LB, Screwed Carbon Steel	61.29	23.52
23 21 13 23-1212	EA	1-1/2" 45 Degree Elbow, 2,000 LB, Screwed Carbon Steel	94.57	30.09
23 21 13 23-1213	EA	2" 45 Degree Elbow, 2,000 LB, Screwed Carbon Steel	147.13	38.25
23 21 13 23-1214	EA	1/4" 45 Degree Elbow, 3,000 LB, Screwed Carbon Steel	44.46	16.11
23 21 13 23-1215	EA	1/2" 45 Degree Elbow, 3,000 LB, Screwed Carbon Steel	51.23	18.86
23 21 13 23-1216	EA	3/4" 45 Degree Elbow, 3,000 LB, Screwed Carbon Steel	57.83	21.09
23 21 13 23-1217	EA	1" 45 Degree Elbow, 3,000 LB, Screwed Carbon Steel	71.75	23.52
23 21 13 23-1218	EA	1-1/2" 45 Degree Elbow, 3,000 LB, Screwed Carbon Steel	125.03	30.09
23 21 13 23-1219	EA	2" 45 Degree Elbow, 3,000 LB, Screwed Carbon Steel	167.54	38.25
23 21 13 23-1220	EA	1/2" 45 Degree Elbow, 6,000 LB, Screwed Carbon Steel	68.61	18.86
23 21 13 23-1221	EA	3/4" 45 Degree Elbow, 6,000 LB, Screwed Carbon Steel	87.91	21.09
23 21 13 23-1222	EA	1" 45 Degree Elbow, 6,000 LB, Screwed Carbon Steel	92.37	23.52
23 21 13 23-1223	EA	1-1/2" 45 Degree Elbow, 6,000 LB, Screwed Carbon Steel	213.63	30.09
23 21 13 23-1224	EA	2" 45 Degree Elbow, 6,000 LB, Screwed Carbon Steel	292.74	38.25

23 21 13 23-1225 Straight Tees, Screwed Carbon Steel *(23 21 13 23-1181)*

23 21 13 23-1226	EA	1/4" Tee, Straight, 2,000 LB, Screwed Carbon Steel	48.62	22.35
23 21 13 23-1227	EA	1/2" Tee, Straight, 2,000 LB, Screwed Carbon Steel	56.58	23.52
23 21 13 23-1228	EA	3/4" Tee, Straight, 2,000 LB, Screwed Carbon Steel	69.74	27.23
23 21 13 23-1229	EA	1" Tee, Straight, 2,000 LB, Screwed Carbon Steel	87.80	32.11
23 21 13 23-1230	EA	1-1/2" Tee, Straight, 2,000 LB, Screwed Carbon Steel	151.72	45.56
23 21 13 23-1231	EA	2" Tee, Straight, 2,000 LB, Screwed Carbon Steel	188.11	56.58
23 21 13 23-1232	EA	1/4" Tee, Straight, 3,000 LB, Screwed Carbon Steel	51.87	22.35
23 21 13 23-1233	EA	1/2" Tee, Straight, 3,000 LB, Screwed Carbon Steel	58.70	23.52
23 21 13 23-1234	EA	3/4" Tee, Straight, 3,000 LB, Screwed Carbon Steel	76.82	27.23
23 21 13 23-1235	EA	1" Tee, Straight, 3,000 LB, Screwed Carbon Steel	93.86	32.11
23 21 13 23-1236	EA	1-1/2" Tee, Straight, 3,000 LB, Screwed Carbon Steel	172.72	45.56
23 21 13 23-1237	EA	2" Tee, Straight, 3,000 LB, Screwed Carbon Steel	222.85	56.58
23 21 13 23-1238	EA	1/2" Tee, Straight, 6,000 LB, Screwed Carbon Steel	74.68	23.52
23 21 13 23-1239	EA	3/4" Tee, Straight, 6,000 LB, Screwed Carbon Steel	93.99	27.23
23 21 13 23-1240	EA	1" Tee, Straight, 6,000 LB, Screwed Carbon Steel	136.31	32.11
23 21 13 23-1241	EA	1-1/2" Tee, Straight, 6,000 LB, Screwed Carbon Steel	220.95	45.56
23 21 13 23-1242	EA	2" Tee, Straight, 6,000 LB, Screwed Carbon Steel	376.59	56.58

23 21 13 23-1243 Crosses, Screwed Carbon Steel *(23 21 13 23-1181)*

23 21 13 23-1244	EA	1/4" Cross, 2,000 LB, Screwed Carbon Steel	79.53	28.29
23 21 13 23-1245	EA	1/2" Cross, 2,000 LB, Screwed Carbon Steel	96.92	31.78
23 21 13 23-1246	EA	3/4" Cross, 2,000 LB, Screwed Carbon Steel	104.76	33.91

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1247	EA	1" Cross, 2,000 LB, Screwed Carbon Steel	131.45	40.90
23 21 13 23-1248	EA	1-1/2" Cross, 2,000 LB, Screwed Carbon Steel	254.75	57.21
23 21 13 23-1249	EA	2" Cross, 2,000 LB, Screwed Carbon Steel	334.93	70.67
23 21 13 23-1250	EA	1/2" Cross, 3,000 LB, Screwed Carbon Steel	100.92	31.78
23 21 13 23-1251	EA	3/4" Cross, 3,000 LB, Screwed Carbon Steel	127.73	33.91
23 21 13 23-1252	EA	1" Cross, 3,000 LB, Screwed Carbon Steel	151.53	40.90
23 21 13 23-1253	EA	1-1/2" Cross, 3,000 LB, Screwed Carbon Steel	283.73	57.21
23 21 13 23-1254	EA	2" Cross, 3,000 LB, Screwed Carbon Steel	387.84	70.67
23 21 13 23-1255	EA	1/2" Cross, 6,000 LB, Screwed Carbon Steel	175.70	31.78
23 21 13 23-1256	EA	3/4" Cross, 6,000 LB, Screwed Carbon Steel	331.85	33.91
23 21 13 23-1257	EA	1" Cross, 6,000 LB, Screwed Carbon Steel	466.07	40.90
23 21 13 23-1258	EA	1-1/2" Cross, 6,000 LB, Screwed Carbon Steel	751.45	57.21
23 21 13 23-1259	EA	2" Cross, 6,000 LB, Screwed Carbon Steel	808.41	70.67
23 21 13 23-1260		**Straight Couplings, Screwed Carbon Steel** *(23 21 13 23-1181)*		
23 21 13 23-1261	EA	1/4" Coupling, Straight, 3,000 LB, Screwed Carbon Steel	31.00	16.11
23 21 13 23-1262	EA	1/2" Coupling, Straight, 3,000 LB, Screwed Carbon Steel	34.89	18.86
23 21 13 23-1263	EA	3/4" Coupling, Straight, 3,000 LB, Screwed Carbon Steel	40.75	21.09
23 21 13 23-1264	EA	1" Coupling, Straight, 3,000 LB, Screwed Carbon Steel	49.06	23.52
23 21 13 23-1265	EA	1-1/2" Coupling, Straight, 3,000 LB, Screwed Carbon Steel	79.66	30.09
23 21 13 23-1266	EA	2" Coupling, Straight, 3,000 LB, Screwed Carbon Steel	101.05	38.25
23 21 13 23-1267	EA	1/4" Coupling, Straight, 6,000 LB, Screwed Carbon Steel	40.59	16.11
23 21 13 23-1268	EA	1/2" Coupling, Straight, 6,000 LB, Screwed Carbon Steel	40.96	18.86
23 21 13 23-1269	EA	3/4" Coupling, Straight, 6,000 LB, Screwed Carbon Steel	45.41	21.09
23 21 13 23-1270	EA	1" Coupling, Straight, 6,000 LB, Screwed Carbon Steel	55.27	23.52
23 21 13 23-1271	EA	1-1/2" Coupling, Straight, 6,000 LB, Screwed Carbon Steel	89.14	30.09
23 21 13 23-1272	EA	2" Coupling, Straight, 6,000 LB, Screwed Carbon Steel	135.70	38.25
23 21 13 23-1273		**Reducing Couplings, Screwed Carbon Steel** *(23 21 13 23-1181)*		
23 21 13 23-1274	EA	1/4" Coupling, Reducing, 3,000 LB, Screwed Carbon Steel	32.34	17.17
23 21 13 23-1275	EA	1/2" Coupling, Reducing, 3,000 LB, Screwed Carbon Steel	38.03	18.86
23 21 13 23-1276	EA	3/4" Coupling, Reducing, 3,000 LB, Screwed Carbon Steel	45.56	21.09
23 21 13 23-1277	EA	1" Coupling, Reducing, 3,000 LB, Screwed Carbon Steel	55.72	23.52
23 21 13 23-1278	EA	1-1/2" Coupling, Reducing, 3,000 LB, Screwed Carbon Steel	81.39	30.09
23 21 13 23-1279	EA	2" Coupling, Reducing, 3,000 LB, Screwed Carbon Steel	110.39	38.25
23 21 13 23-1280	EA	1/2" Coupling, Reducing, 6,000 LB, Screwed Carbon Steel	160.79	18.86
23 21 13 23-1281	EA	3/4" Coupling, Reducing, 6,000 LB, Screwed Carbon Steel	164.15	21.09
23 21 13 23-1282	EA	1" Coupling, Reducing, 6,000 LB, Screwed Carbon Steel	193.96	23.52
23 21 13 23-1283	EA	1-1/2" Coupling, Reducing, 6,000 LB, Screwed Carbon Steel	285.85	30.09
23 21 13 23-1284	EA	2" Coupling, Reducing, 6,000 LB, Screwed Carbon Steel	419.87	38.25
23 21 13 23-1285		**Caps, Screwed Carbon Steel** *(23 21 13 23-1181)*		
23 21 13 23-1286	EA	1/4" Cap, 3,000 LB, Screwed Carbon Steel	16.48	7.20
23 21 13 23-1287	EA	1/2" Cap, 3,000 LB, Screwed Carbon Steel	18.82	8.37
23 21 13 23-1288	EA	3/4" Cap, 3,000 LB, Screwed Carbon Steel	22.78	9.43
23 21 13 23-1289	EA	1" Cap, 3,000 LB, Screwed Carbon Steel	29.03	10.49
23 21 13 23-1290	EA	1-1/2" Cap, 3,000 LB, Screwed Carbon Steel	41.26	13.35
23 21 13 23-1291	EA	2" Cap, 3,000 LB, Screwed Carbon Steel	58.40	17.06
23 21 13 23-1292	EA	1/4" Cap, 6,000 LB, Screwed Carbon Steel	27.99	7.20
23 21 13 23-1293	EA	1/2" Cap, 6,000 LB, Screwed Carbon Steel	26.19	8.37
23 21 13 23-1294	EA	3/4" Cap, 6,000 LB, Screwed Carbon Steel	34.79	9.43
23 21 13 23-1295	EA	1" Cap, 6,000 LB, Screwed Carbon Steel	37.80	10.49
23 21 13 23-1296	EA	1-1/2" Cap, 6,000 LB, Screwed Carbon Steel	77.01	13.35
23 21 13 23-1297	EA	2" Cap, 6,000 LB, Screwed Carbon Steel	93.21	17.06
23 21 13 23-1298		**Nipples, Screwed Carbon Steel** *(23 21 13 23-1181)*		
23 21 13 23-1299	EA	1/4" Nipple, 2" Long, Screwed Carbon Steel	19.37	9.64
23 21 13 23-1300	EA	1/2" Nipple, 2" Long, Screwed Carbon Steel	19.50	10.06
23 21 13 23-1301	EA	3/4" Nipple, 2" Long, Screwed Carbon Steel	19.21	10.06
23 21 13 23-1302	EA	1" Nipple, 2" Long, Screwed Carbon Steel	22.12	10.91
23 21 13 23-1303	EA	1-1/2" Nipple, 2" Long, Screwed Carbon Steel	26.45	11.76
23 21 13 23-1304	EA	2" Nipple, 2" Long, Screwed Carbon Steel	29.41	15.15
23 21 13 23-1305	EA	1/4" Nipple, 4" Long, Screwed Carbon Steel	21.57	9.64
23 21 13 23-1306	EA	1/2" Nipple, 4" Long, Screwed Carbon Steel	21.24	10.06
23 21 13 23-1307	EA	3/4" Nipple, 4" Long, Screwed Carbon Steel	21.18	10.06
23 21 13 23-1308	EA	1" Nipple, 4" Long, Screwed Carbon Steel	24.78	10.91
23 21 13 23-1309	EA	1-1/2" Nipple, 4" Long, Screwed Carbon Steel	31.19	11.76
23 21 13 23-1310	EA	2" Nipple, 4" Long, Screwed Carbon Steel	36.34	15.15
23 21 13 23-1311	EA	1/4" Nipple, 6" Long, Screwed Carbon Steel	26.82	9.64
23 21 13 23-1312	EA	1/2" Nipple, 6" Long, Screwed Carbon Steel	24.01	10.06
23 21 13 23-1313	EA	3/4" Nipple, 6" Long, Screwed Carbon Steel	24.26	10.06
23 21 13 23-1314	EA	1" Nipple, 6" Long, Screwed Carbon Steel	28.60	10.91
23 21 13 23-1315	EA	1-1/2" Nipple, 6" Long, Screwed Carbon Steel	37.66	11.76
23 21 13 23-1316	EA	2" Nipple, 6" Long, Screwed Carbon Steel	42.08	15.15

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1317		**Unions, Screwed Carbon Steel** *(23 21 13 23-1181)*		
23 21 13 23-1318	EA	1/4" Union, 3,000 LB, Screwed Carbon Steel	39.56	23.41
23 21 13 23-1319	EA	1/2" Union, 3,000 LB, Screwed Carbon Steel	39.08	23.52
23 21 13 23-1320	EA	3/4" Union, 3,000 LB, Screwed Carbon Steel	44.61	27.23
23 21 13 23-1321	EA	1" Union, 3,000 LB, Screwed Carbon Steel	53.80	32.11
23 21 13 23-1322	EA	1-1/2" Union, 3,000 LB, Screwed Carbon Steel	77.84	45.56
23 21 13 23-1323	EA	2" Union, 3,000 LB, Screwed Carbon Steel	96.76	56.58
23 21 13 23-1324	EA	1/4" Union, 6,000 LB, Screwed Carbon Steel	90.47	23.41
23 21 13 23-1325	EA	1/2" Union, 6,000 LB, Screwed Carbon Steel	100.62	23.52
23 21 13 23-1326	EA	3/4" Union, 6,000 LB, Screwed Carbon Steel	119.15	27.23
23 21 13 23-1327	EA	1" Union, 6,000 LB, Screwed Carbon Steel	145.66	32.11
23 21 13 23-1328	EA	1-1/2" Union, 6,000 LB, Screwed Carbon Steel	265.68	45.56
23 21 13 23-1329	EA	2" Union, 6,000 LB, Screwed Carbon Steel	327.93	56.58
23 21 13 23-1330		**Weld Neck Flanges, Screwed Carbon Steel** *(23 21 13 23-1181)*		
23 21 13 23-1331	EA	1/2" Flange, 150 LB, Screwed Carbon Steel	92.74	43.76
23 21 13 23-1332	EA	3/4" Flange, 150 LB, Screwed Carbon Steel	96.78	45.88
23 21 13 23-1333	EA	1" Flange, 150 LB, Screwed Carbon Steel	99.76	47.89
23 21 13 23-1334	EA	1-1/2" Flange, 150 LB, Screwed Carbon Steel	109.79	53.93
23 21 13 23-1335	EA	2" Flange, 150 LB, Screwed Carbon Steel	113.32	56.26
23 21 13 23-1336	EA	1/2" Flange, 300 LB, Screwed Carbon Steel	94.45	43.76
		For Ring Type Joint, Add	*28.79*	
		For Blind Flange, Deduct	*-32.02*	
23 21 13 23-1337	EA	3/4" Flange, 300 LB, Screwed Carbon Steel	98.60	45.88
		For Ring Type Joint, Add	*29.76*	
		For Blind Flange, Deduct	*-33.49*	
23 21 13 23-1338	EA	1" Flange, 300 LB, Screwed Carbon Steel	102.52	47.89
		For Ring Type Joint, Add	*30.70*	
		For Blind Flange, Deduct	*-34.87*	
23 21 13 23-1339	EA	1-1/2" Flange, 300 LB, Screwed Carbon Steel	116.41	53.93
		For Ring Type Joint, Add	*35.53*	
		For Blind Flange, Deduct	*-39.46*	
23 21 13 23-1340	EA	2" Flange, 300 LB, Screwed Carbon Steel	119.94	56.26
		For Ring Type Joint, Add	*35.53*	
		For Blind Flange, Deduct	*-40.87*	
23 21 13 23-1341	EA	1/2" Flange, 600 LB, Screwed Carbon Steel	105.78	43.76
		For Ring Type Joint, Add	*40.12*	
		For Blind Flange, Deduct	*-34.29*	
23 21 13 23-1342	EA	3/4" Flange, 600 LB, Screwed Carbon Steel	108.96	45.88
		For Ring Type Joint, Add	*40.12*	
		For Blind Flange, Deduct	*-35.56*	
23 21 13 23-1343	EA	1" Flange, 600 LB, Screwed Carbon Steel	113.77	47.89
		For Ring Type Joint, Add	*41.95*	
		For Blind Flange, Deduct	*-37.12*	
23 21 13 23-1344	EA	1-1/2" Flange, 600 LB, Screwed Carbon Steel	130.33	53.93
		For Ring Type Joint, Add	*49.45*	
		For Blind Flange, Deduct	*-42.24*	
23 21 13 23-1345	EA	2" Flange, 600 LB, Screwed Carbon Steel	130.44	56.26
		For Ring Type Joint, Add	*46.03*	
		For Blind Flange, Deduct	*-42.97*	
23 21 13 23-1346		**Square Head Plugs, Screwed Carbon Steel** *(23 21 13 23-1181)*		
23 21 13 23-1347	EA	1/4" Square Head Plug, Screwed Carbon Steel	7.00	2.96
23 21 13 23-1348	EA	1/2" Square Head Plug, Screwed Carbon Steel	8.37	3.50
23 21 13 23-1349	EA	3/4" Square Head Plug, Screwed Carbon Steel	9.87	4.03
23 21 13 23-1350	EA	1" Square Head Plug, Screwed Carbon Steel	14.31	5.93
23 21 13 23-1351	EA	1-1/2" Square Head Plug, Screwed Carbon Steel	20.99	5.93
23 21 13 23-1352	EA	2" Square Head Plug, Screwed Carbon Steel	31.75	7.74
23 21 13 23-1353		**Hex Head Plugs, Screwed Carbon Steel** *(23 21 13 23-1181)*		
23 21 13 23-1354	EA	1/4" Hex Head Plug, Screwed Carbon Steel	6.34	2.96
23 21 13 23-1355	EA	1/2" Hex Head Plug, Screwed Carbon Steel	7.75	3.50
23 21 13 23-1356	EA	3/4" Hex Head Plug, Screwed Carbon Steel	9.47	4.03
23 21 13 23-1357	EA	1" Hex Head Plug, Screwed Carbon Steel	13.96	5.93
23 21 13 23-1358	EA	1-1/2" Hex Head Plug, Screwed Carbon Steel	19.52	5.93
23 21 13 23-1359	EA	2" Hex Head Plug, Screwed Carbon Steel	32.79	7.74
23 21 13 23-1360		**Round Head Plugs, Screwed Carbon Steel** *(23 21 13 23-1181)*		
23 21 13 23-1361	EA	1/4" Round Head Plug, Screwed Carbon Steel	8.50	2.96
23 21 13 23-1362	EA	1/2" Round Head Plug, Screwed Carbon Steel	8.46	3.50
23 21 13 23-1363	EA	3/4" Round Head Plug, Screwed Carbon Steel	9.59	4.03
23 21 13 23-1364	EA	1" Round Head Plug, Screwed Carbon Steel	14.55	5.93
23 21 13 23-1365	EA	1-1/2" Round Head Plug, Screwed Carbon Steel	22.85	5.93
23 21 13 23-1366	EA	2" Round Head Plug, Screwed Carbon Steel	32.39	7.74
23 21 13 23-1367		**Hexagon Bushings, Screwed Carbon Steel** *(23 21 13 23-1181)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1368	EA	1/4" Hex Bushing, Screwed Carbon Steel	6.84	2.96
23 21 13 23-1369	EA	1/2" Hex Bushing, Screwed Carbon Steel	7.73	3.50
23 21 13 23-1370	EA	3/4" Hex Bushing, Screwed Carbon Steel	9.30	4.03
23 21 13 23-1371	EA	1" Hex Bushing, Screwed Carbon Steel	14.43	5.93
23 21 13 23-1372	EA	1-1/2" Hex Bushing, Screwed Carbon Steel	19.40	5.93
23 21 13 23-1373	EA	2" Hex Bushing, Screwed Carbon Steel	31.25	7.74
23 21 13 23-1374		90 Degree Street Elbows, Screwed Carbon Steel *(23 21 13 23-1181)*		
23 21 13 23-1375	EA	1/4" 90 Degree Elbow, 3,000 LB, Screwed Carbon Steel	48.36	16.11
23 21 13 23-1376	EA	1/2" 90 Degree Elbow, 3,000 LB, Screwed Carbon Steel	54.23	18.86
23 21 13 23-1377	EA	3/4" 90 Degree Elbow, 3,000 LB, Screwed Carbon Steel	65.01	21.09
23 21 13 23-1378	EA	1" 90 Degree Elbow, 3,000 LB, Screwed Carbon Steel	78.03	23.52
23 21 13 23-1379	EA	1-1/2" 90 Degree Elbow, 3,000 LB, Screwed Carbon Steel	136.49	30.09
23 21 13 23-1380	EA	2" 90 Degree Elbow, 3,000 LB, Screwed Carbon Steel	187.82	38.25
23 21 13 23-1381	EA	1/2" 90 Degree Elbow, 6,000 LB, Screwed Carbon Steel	89.02	18.86
23 21 13 23-1382	EA	3/4" 90 Degree Elbow, 6,000 LB, Screwed Carbon Steel	135.75	21.09
23 21 13 23-1383	EA	1" 90 Degree Elbow, 6,000 LB, Screwed Carbon Steel	196.41	23.52
23 21 13 23-1384	EA	1-1/2" 90 Degree Elbow, 6,000 LB, Screwed Carbon Steel	462.13	30.09
23 21 13 23-1385		Screwed Carbon Steel Laterals *(23 21 13 23-1181)*		
23 21 13 23-1386	EA	1/2" Lateral, Straight, 3,000 LB, Screwed Carbon Steel	274.97	23.52
23 21 13 23-1387	EA	3/4" Lateral, Straight, 3,000 LB, Screwed Carbon Steel	332.51	27.23
23 21 13 23-1388	EA	1" Lateral, Straight, 3,000 LB, Screwed Carbon Steel	408.69	32.11
23 21 13 23-1389	EA	1-1/2" Lateral, Straight, 3,000 LB, Screwed Carbon Steel	518.50	45.56
23 21 13 23-1390	EA	2" Lateral, Straight, 3,000 LB, Screwed Carbon Steel	647.46	56.58
23 21 13 23-1391	EA	1/2" Lateral, Straight, 3,000 LB, Screwed Carbon Steel	356.25	23.52
23 21 13 23-1392	EA	3/4" Lateral, Straight, 6,000 LB, Screwed Carbon Steel	453.38	27.23
23 21 13 23-1393	EA	1" Lateral, Straight, 6,000 LB, Screwed Carbon Steel	537.93	32.11
23 21 13 23-1394	EA	1-1/2" Lateral, Straight, 6,000 LB, Screwed Carbon Steel	756.11	45.56
23 21 13 23-1395		Grooved-Joint Pipe *(23 21 13 23)*		
		Note: Includes grooving of pipe. Excludes hangers, elbow, tee, reducer fitting or couplings.		
23 21 13 23-1396		Schedule 10 Black Grooved Pipe *(23 21 13 23-1395)*		
23 21 13 23-1397	LF	2" Black Schedule 10 Grooved Pipe	37.76	13.46
23 21 13 23-1398	LF	2-1/2" Black Schedule 10 Grooved Pipe	50.53	18.44
23 21 13 23-1399	LF	3" Black Schedule 10 Grooved Pipe	57.06	20.45
23 21 13 23-1400	LF	3-1/2" Black Schedule 10 Grooved Pipe	65.64	21.19
23 21 13 23-1401	LF	4" Black Schedule 10 Grooved Pipe	69.14	22.99
23 21 13 23-1402	LF	5" Black Schedule 10 Grooved Pipe	103.16	28.19
23 21 13 23-1403	LF	6" Black Schedule 10 Grooved Pipe	128.20	40.06
23 21 13 23-1404	LF	8" Black Schedule 10 Grooved Pipe	187.74	44.92
23 21 13 23-1405	LF	10" Black Schedule 10 Grooved Pipe	238.12	54.14
23 21 13 23-1406	LF	12" Black Schedule 10 Grooved Pipe	276.11	61.34
23 21 13 23-1407		Schedule 40 Black Grooved Pipe *(23 21 13 23-1395)*		
23 21 13 23-1408	LF	3/4" Black Schedule 40 Grooved Pipe	22.54	8.16
23 21 13 23-1409	LF	1" Black Schedule 40 Grooved Pipe	25.49	9.22
23 21 13 23-1410	LF	1-1/4" Black Schedule 40 Grooved Pipe	29.58	9.96
23 21 13 23-1411	LF	1-1/2" Black Schedule 40 Grooved Pipe	33.66	11.33
23 21 13 23-1412	LF	2" Black Schedule 40 Grooved Pipe	42.23	14.41
23 21 13 23-1413	LF	2-1/2" Black Schedule 40 Grooved Pipe	59.27	19.71
23 21 13 23-1414	LF	3" Black Schedule 40 Grooved Pipe	70.97	22.47
23 21 13 23-1415	LF	4" Black Schedule 40 Grooved Pipe	90.43	25.00
23 21 13 23-1416	LF	5" Black Schedule 40 Grooved Pipe	129.65	30.40
23 21 13 23-1417	LF	6" Black Schedule 40 Grooved Pipe	170.68	43.86
23 21 13 23-1418	LF	8" Black Schedule 40 Grooved Pipe	237.44	49.70
23 21 13 23-1419	LF	10" Black Schedule 40 Grooved Pipe	339.13	59.34
23 21 13 23-1420	LF	12" Black Schedule 40 Grooved Pipe	401.76	68.13
23 21 13 23-1421	LF	14" Black Schedule 40 Grooved Pipe	527.69	92.07
23 21 13 23-1422	LF	16" Black Schedule 40 Grooved Pipe	610.20	108.29
23 21 13 23-1423	LF	18" Black Schedule 40 Grooved Pipe	761.31	131.49
23 21 13 23-1424	LF	20" Black Schedule 40 Grooved Pipe	875.59	153.31
23 21 13 23-1425	LF	24" Black Schedule 40 Grooved Pipe	1,165.89	184.04
23 21 13 23-1426		Schedule 80 Black Grooved Pipe *(23 21 13 23-1395)*		
23 21 13 23-1427	LF	3/4" Black Schedule 80 Grooved Pipe	24.74	8.90
23 21 13 23-1428	LF	1" Black Schedule 80 Grooved Pipe	27.98	9.43
23 21 13 23-1429	LF	1-1/4" Black Schedule 80 Grooved Pipe	33.63	10.49
23 21 13 23-1430	LF	1-1/2" Black Schedule 80 Grooved Pipe	38.51	11.76
23 21 13 23-1431	LF	2" Black Schedule 80 Grooved Pipe	49.88	15.15
23 21 13 23-1432	LF	2-1/2" Black Schedule 80 Grooved Pipe	70.97	20.87
23 21 13 23-1433	LF	3" Black Schedule 80 Grooved Pipe	86.46	23.41
23 21 13 23-1434	LF	4" Black Schedule 80 Grooved Pipe	113.59	25.54
23 21 13 23-1435	LF	5" Black Schedule 80 Grooved Pipe	182.41	32.11
23 21 13 23-1436	LF	6" Black Schedule 80 Grooved Pipe	232.12	45.98

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1437	LF	8" Black Schedule 80 Grooved Pipe	368.27	52.56
23 21 13 23-1438	LF	10" Black Schedule 80 Grooved Pipe	460.89	63.47
23 21 13 23-1439	LF	12" Black Schedule 80 Grooved Pipe	472.83	76.71
23 21 13 23-1440		**Schedule 40 Galvanized Grooved Pipe** *(23 21 13 23-1395)*		
23 21 13 23-1441	LF	3/4" Galvanized Schedule 40 Grooved Pipe	20.28	8.16
23 21 13 23-1442	LF	1" Galvanized Schedule 40 Grooved Pipe	23.64	9.22
23 21 13 23-1443	LF	1-1/4" Galvanized Schedule 40 Grooved Pipe	26.49	9.96
23 21 13 23-1444	LF	1-1/2" Galvanized Schedule 40 Grooved Pipe	30.16	11.33
23 21 13 23-1445	LF	2" Galvanized Schedule 40 Grooved Pipe	38.08	14.41
23 21 13 23-1446	LF	2-1/2" Galvanized Schedule 40 Grooved Pipe	53.59	19.71
23 21 13 23-1447	LF	3" Galvanized Schedule 40 Grooved Pipe	64.11	22.47
23 21 13 23-1448	LF	4" Galvanized Schedule 40 Grooved Pipe	80.64	25.00
23 21 13 23-1449	LF	5" Galvanized Schedule 40 Grooved Pipe	115.82	30.40
23 21 13 23-1450	LF	6" Galvanized Schedule 40 Grooved Pipe	154.67	43.86
23 21 13 23-1451	LF	8" Galvanized Schedule 40 Grooved Pipe	209.98	49.70
23 21 13 23-1452	LF	10" Galvanized Schedule 40 Grooved Pipe	301.79	59.34
23 21 13 23-1453	LF	12" Galvanized Schedule 40 Grooved Pipe	357.53	68.13
23 21 13 23-1454		**Schedule 80 Galvanized Grooved Pipe** *(23 21 13 23-1395)*		
23 21 13 23-1455	LF	3/4" Galvanized Schedule 80 Grooved Pipe	21.70	8.90
23 21 13 23-1456	LF	1" Galvanized Schedule 80 Grooved Pipe	29.42	9.43
23 21 13 23-1457	LF	1-1/4" Galvanized Schedule 80 Grooved Pipe	29.25	10.49
23 21 13 23-1458	LF	1-1/2" Galvanized Schedule 80 Grooved Pipe	38.88	12.50
23 21 13 23-1459	LF	2" Galvanized Schedule 80 Grooved Pipe	43.44	15.15
23 21 13 23-1460	LF	2-1/2" Galvanized Schedule 80 Grooved Pipe	61.85	20.87
23 21 13 23-1461	LF	3" Galvanized Schedule 80 Grooved Pipe	75.26	23.41
23 21 13 23-1462	LF	4" Galvanized Schedule 80 Grooved Pipe	96.85	25.54
23 21 13 23-1463	LF	5" Galvanized Schedule 80 Grooved Pipe	149.24	32.11
23 21 13 23-1464	LF	6" Galvanized Schedule 80 Grooved Pipe	191.13	45.98
23 21 13 23-1465	LF	8" Galvanized Schedule 80 Grooved Pipe	294.47	52.56
23 21 13 23-1466	LF	10" Galvanized Schedule 80 Grooved Pipe	349.99	63.47
23 21 13 23-1467	LF	12" Galvanized Schedule 80 Grooved Pipe	380.37	76.71
23 21 13 23-1468		**Painted Grooved-Joint Pipe Fittings** *(23 21 13 23)* Note: Couplings are not included with fittings.		
23 21 13 23-1469		**Grooved Elbows** *(23 21 13 23-1468)*		
23 21 13 23-1470		**90 Degree Grooved Elbows** *(23 21 13 23-1469)* Note: Victaulic No. 10		
23 21 13 23-1471	EA	3/4", Ductile Iron, Grooved 90 Degree Elbow	95.68	11.55
		For Galvanized Fittings, Add	*25.86*	
23 21 13 23-1472	EA	1", Ductile Iron, Grooved 90 Degree Elbow	95.68	11.55
		For Galvanized Fittings, Add	*25.86*	
23 21 13 23-1473	EA	1-1/4", Ductile Iron, Grooved 90 Degree Elbow	100.01	14.41
		For Galvanized Fittings, Add	*25.86*	
23 21 13 23-1474	EA	1-1/2", Ductile Iron, Grooved 90 Degree Elbow	104.60	17.48
		For Galvanized Fittings, Add	*25.86*	
23 21 13 23-1475	EA	2", Ductile Iron, Grooved 90 Degree Elbow	113.00	23.10
		For Galvanized Fittings, Add	*25.86*	
23 21 13 23-1476	EA	2-1/2", Ductile Iron, Grooved 90 Degree Elbow	120.55	28.19
		For Galvanized Fittings, Add	*25.86*	
23 21 13 23-1477	EA	3", Ductile Iron, Grooved 90 Degree Elbow	190.36	34.12
		For Galvanized Fittings, Add	*45.95*	
23 21 13 23-1478	EA	4", Ductile Iron, Grooved 90 Degree Elbow	219.14	45.03
		For Galvanized Fittings, Add	*50.04*	
23 21 13 23-1479	EA	5", Ductile Iron, Grooved 90 Degree Elbow	453.50	56.26
		For Galvanized Fittings, Add	*121.82*	
23 21 13 23-1480	EA	6", Ductile Iron, Grooved 90 Degree Elbow	539.36	73.63
		For Galvanized Fittings, Add	*141.57*	
23 21 13 23-1481	EA	8", Ductile Iron, Grooved 90 Degree Elbow	1,034.29	87.63
		For Galvanized Fittings, Add	*297.96*	
23 21 13 23-1482	EA	10", Ductile Iron, Grooved 90 Degree Elbow	1,560.02	102.24
		For Galvanized Fittings, Add	*464.22*	
23 21 13 23-1483	EA	12", Ductile Iron, Grooved 90 Degree Elbow	2,438.71	122.69
		For Galvanized Fittings, Add	*744.07*	
23 21 13 23-1484	EA	14", Steel, Grooved 90 Degree Elbow	4,896.78	138.48
		For Galvanized Fittings, Add	*1,547.41*	
23 21 13 23-1485	EA	16", Steel, Grooved 90 Degree Elbow	6,365.66	153.31
		For Galvanized Fittings, Add	*2,024.80*	
23 21 13 23-1486	EA	18", Steel, Grooved 90 Degree Elbow	8,033.03	167.51
		For Galvanized Fittings, Add	*2,568.04*	
23 21 13 23-1487	EA	20", Steel, Grooved 90 Degree Elbow	10,487.47	174.18
		For Galvanized Fittings, Add	*3,374.66*	
23 21 13 23-1488	EA	24", Steel, Grooved 90 Degree Elbow	15,024.55	205.98
		For Galvanized Fittings, Add	*4,856.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1489		45 Degree Grooved Elbows *(23 21 13 23-1469)*		
		Note: Victaulic No. 11		
23 21 13 23-1490	EA	3/4", Ductile Iron, Grooved 45 Degree Elbow	95.63	11.55
		For Galvanized Fittings, Add	*18.80*	
23 21 13 23-1491	EA	1", Ductile Iron, Grooved 45 Degree Elbow	95.63	11.55
		For Galvanized Fittings, Add	*18.80*	
23 21 13 23-1492	EA	1-1/4", Ductile Iron, Grooved 45 Degree Elbow	99.96	14.41
		For Galvanized Fittings, Add	*18.80*	
23 21 13 23-1493	EA	1-1/2", Ductile Iron, Grooved 45 Degree Elbow	104.55	17.48
		For Galvanized Fittings, Add	*18.80*	
23 21 13 23-1494	EA	2", Ductile Iron, Grooved 45 Degree Elbow	112.95	23.10
		For Galvanized Fittings, Add	*18.80*	
23 21 13 23-1495	EA	2-1/2", Ductile Iron, Grooved 45 Degree Elbow	120.50	28.19
		For Galvanized Fittings, Add	*18.80*	
23 21 13 23-1496	EA	3", Ductile Iron, Grooved 45 Degree Elbow	190.31	34.12
		For Galvanized Fittings, Add	*33.40*	
23 21 13 23-1497	EA	4", Ductile Iron, Grooved 45 Degree Elbow	219.14	45.03
		For Galvanized Fittings, Add	*36.40*	
23 21 13 23-1498	EA	5", Ductile Iron, Grooved 45 Degree Elbow	453.50	56.26
		For Galvanized Fittings, Add	*88.59*	
23 21 13 23-1499	EA	6", Ductile Iron, Grooved 45 Degree Elbow	539.36	73.63
		For Galvanized Fittings, Add	*102.96*	
23 21 13 23-1500	EA	8", Ductile Iron, Grooved 45 Degree Elbow	1,034.29	87.63
		For Galvanized Fittings, Add	*216.70*	
23 21 13 23-1501	EA	10", Ductile Iron, Grooved 45 Degree Elbow	1,560.02	102.24
		For Galvanized Fittings, Add	*337.62*	
23 21 13 23-1502	EA	12", Ductile Iron, Grooved 45 Degree Elbow	2,438.71	122.69
		For Galvanized Fittings, Add	*541.14*	
23 21 13 23-1503	EA	14", Steel, Grooved 45 Degree Elbow	4,896.78	138.48
		For Galvanized Fittings, Add	*1,125.39*	
23 21 13 23-1504	EA	16", Steel, Grooved 45 Degree Elbow	6,365.66	153.31
		For Galvanized Fittings, Add	*1,472.58*	
23 21 13 23-1505	EA	18", Steel, Grooved 45 Degree Elbow	8,033.03	167.51
		For Galvanized Fittings, Add	*1,867.66*	
23 21 13 23-1506	EA	20", Steel, Grooved 45 Degree Elbow	10,487.94	174.51
		For Galvanized Fittings, Add	*2,454.30*	
23 21 13 23-1507	EA	24", Steel, Grooved 45 Degree Elbow	15,024.55	205.98
		For Galvanized Fittings, Add	*3,531.80*	
23 21 13 23-1508		22-1/2 Degree Grooved Elbows *(23 21 13 23-1469)*		
		Note: Victaulic No. 12		
23 21 13 23-1509	EA	1", Ductile Iron, Grooved 22-1/2 Degree Elbow	100.79	11.55
		For Galvanized Fittings, Add	*20.04*	
23 21 13 23-1510	EA	1-1/4", Ductile Iron, Grooved 22-1/2 Degree Elbow	105.12	14.41
		For Galvanized Fittings, Add	*20.04*	
23 21 13 23-1511	EA	1-1/2", Ductile Iron, Grooved 22-1/2 Degree Elbow	109.71	17.48
		For Galvanized Fittings, Add	*20.04*	
23 21 13 23-1512	EA	2", Ductile Iron, Grooved 22-1/2 Degree Elbow	118.11	23.10
		For Galvanized Fittings, Add	*20.04*	
23 21 13 23-1513	EA	2-1/2", Ductile Iron, Grooved 22-1/2 Degree Elbow	125.66	28.19
		For Galvanized Fittings, Add	*20.04*	
23 21 13 23-1514	EA	3", Ductile Iron, Grooved 22-1/2 Degree Elbow	173.22	34.12
		For Galvanized Fittings, Add	*29.30*	
23 21 13 23-1515	EA	4", Ductile Iron, Grooved 22-1/2 Degree Elbow	231.20	45.03
		For Galvanized Fittings, Add	*39.29*	
23 21 13 23-1516	EA	5", Ductile Iron, Grooved 22-1/2 Degree Elbow	592.05	56.26
		For Galvanized Fittings, Add	*121.85*	
23 21 13 23-1517	EA	6", Ductile Iron, Grooved 22-1/2 Degree Elbow	574.15	73.63
		For Galvanized Fittings, Add	*111.31*	
23 21 13 23-1518	EA	8", Ductile Iron, Grooved 22-1/2 Degree Elbow	1,101.79	87.63
		For Galvanized Fittings, Add	*232.90*	
23 21 13 23-1519	EA	10", Steel, Grooved 22-1/2 Degree Elbow	1,485.54	102.24
		For Galvanized Fittings, Add	*319.74*	
23 21 13 23-1520	EA	12", Steel, Grooved 22-1/2 Degree Elbow	1,985.03	122.69
		For Galvanized Fittings, Add	*432.26*	
23 21 13 23-1521	EA	14", Steel, Grooved 22-1/2 Degree Elbow	2,287.96	138.48
		For Galvanized Fittings, Add	*499.27*	
23 21 13 23-1522	EA	16", Steel, Grooved 22-1/2 Degree Elbow	2,724.93	153.31
		For Galvanized Fittings, Add	*598.80*	
23 21 13 23-1523	EA	18", Steel, Grooved 22-1/2 Degree Elbow	3,272.76	167.51
		For Galvanized Fittings, Add	*725.20*	
23 21 13 23-1524	EA	20", Steel, Grooved 22-1/2 Degree Elbow	3,833.63	174.18
		For Galvanized Fittings, Add	*857.38*	
23 21 13 23-1525	EA	24", Steel, Grooved 22-1/2 Degree Elbow	5,109.27	205.98
		For Galvanized Fittings, Add	*1,152.13*	
23 21 13 23-1526		11-1/4 Degree Grooved Elbows *(23 21 13 23-1469)*		
		Note: Victaulic No. 13		
23 21 13 23-1527	EA	1", Ductile Iron, Grooved 11-1/4 Degree Elbow	100.79	11.55
		For Galvanized Fittings, Add	*20.04*	
23 21 13 23-1528	EA	1-1/4", Ductile Iron, Grooved 11-1/4 Degree Elbow	105.12	14.41
		For Galvanized Fittings, Add	*20.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1529	EA	1-1/2", Ductile Iron, Grooved 11-1/4 Degree Elbow	109.71	17.48
		For Galvanized Fittings, Add	*20.04*	
23 21 13 23-1530	EA	2", Ductile Iron, Grooved 11-1/4 Degree Elbow	118.11	23.10
		For Galvanized Fittings, Add	*20.04*	
23 21 13 23-1531	EA	2-1/2", Ductile Iron, Grooved 11-1/4 Degree Elbow	125.66	28.19
		For Galvanized Fittings, Add	*20.04*	
23 21 13 23-1532	EA	3", Ductile Iron, Grooved 11-1/4 Degree Elbow	173.22	34.12
		For Galvanized Fittings, Add	*29.30*	
23 21 13 23-1533	EA	4", Ductile Iron, Grooved 11-1/4 Degree Elbow	231.19	45.03
		For Galvanized Fittings, Add	*39.29*	
23 21 13 23-1534	EA	5", Ductile Iron, Grooved 11-1/4 Degree Elbow	592.02	56.26
		For Galvanized Fittings, Add	*121.84*	
23 21 13 23-1535	EA	6", Ductile Iron, Grooved 11-1/4 Degree Elbow	574.13	73.63
		For Galvanized Fittings, Add	*111.30*	
23 21 13 23-1536	EA	8", Ductile Iron, Grooved 11-1/4 Degree Elbow	1,101.73	87.63
		For Galvanized Fittings, Add	*232.88*	
23 21 13 23-1537	EA	10", Steel, Grooved 11-1/4 Degree Elbow	1,485.46	102.24
		For Galvanized Fittings, Add	*319.72*	
23 21 13 23-1538	EA	12", Steel, Grooved 11-1/4 Degree Elbow	1,984.93	122.69
		For Galvanized Fittings, Add	*432.24*	
23 21 13 23-1539	EA	14", Steel, Grooved 11-1/4 Degree Elbow	2,287.86	138.48
		For Galvanized Fittings, Add	*499.24*	
23 21 13 23-1540	EA	16", Steel, Grooved 11-1/4 Degree Elbow	2,724.83	153.42
		For Galvanized Fittings, Add	*598.77*	
23 21 13 23-1541	EA	18", Steel, Grooved 11-1/4 Degree Elbow	3,272.56	167.51
		For Galvanized Fittings, Add	*725.16*	
23 21 13 23-1542	EA	20", Steel, Grooved 11-1/4 Degree Elbow	3,833.43	174.18
		For Galvanized Fittings, Add	*857.33*	
23 21 13 23-1543	EA	24", Steel, Grooved 11-1/4 Degree Elbow	5,109.01	205.98
		For Galvanized Fittings, Add	*1,152.07*	

23 21 13 23-1544 90 Degree Grooved Long Radius Elbows *(23 21 13 23-1469)*

Note: Victaulic No. 100

23 21 13 23-1545	EA	2", Ductile Iron, Grooved 90 Degree Long Radius Elbow	213.81	23.10
		For Galvanized Fittings, Add	*43.00*	
23 21 13 23-1546	EA	2-1/2", Ductile Iron, Grooved 90 Degree Long Radius Elbow	562.09	28.19
		For Galvanized Fittings, Add	*124.78*	
23 21 13 23-1547	EA	3", Ductile Iron, Grooved 90 Degree Long Radius Elbow	230.31	34.12
		For Galvanized Fittings, Add	*43.00*	
23 21 13 23-1548	EA	4", Ductile Iron, Grooved 90 Degree Long Radius Elbow	335.90	45.03
		For Galvanized Fittings, Add	*64.42*	
23 21 13 23-1549	EA	5", Ductile Iron, Grooved 90 Degree Long Radius Elbow	1,460.11	56.26
		For Galvanized Fittings, Add	*330.18*	
23 21 13 23-1550	EA	6", Ductile Iron, Grooved 90 Degree Long Radius Elbow	895.56	73.63
		For Galvanized Fittings, Add	*188.45*	
23 21 13 23-1551	EA	8", Ductile Iron, Grooved, 90 Degree Long Radius Elbow	2,014.82	87.63
		For Galvanized Fittings, Add	*452.02*	
23 21 13 23-1552	EA	10", Ductile Iron, Grooved 90 Degree Long Radius Elbow	4,058.43	102.24
		For Galvanized Fittings, Add	*937.23*	
23 21 13 23-1553	EA	12", Ductile Iron, Grooved 90 Degree Long Radius Elbow	4,840.82	122.69
		For Galvanized Fittings, Add	*1,117.65*	

23 21 13 23-1554 Grooved Tees, Wyes And Crosses *(23 21 13 23-1468)*

23 21 13 23-1555 Grooved Tees *(23 21 13 23-1554)*

Note: Victaulic No. 20

23 21 13 23-1556	EA	3/4", Ductile Iron, Grooved Tee	142.54	15.15
		For Galvanized Fittings, Add	*35.93*	
23 21 13 23-1557	EA	1", Ductile Iron, Grooved Tee	145.99	17.48
		For Galvanized Fittings, Add	*35.93*	
23 21 13 23-1558	EA	1-1/4", Ductile Iron, Grooved Tee	151.82	21.40
		For Galvanized Fittings, Add	*35.93*	
23 21 13 23-1559	EA	1-1/2", Ductile Iron, Grooved Tee	159.11	26.27
		For Galvanized Fittings, Add	*35.93*	
23 21 13 23-1560	EA	2", Ductile Iron, Grooved Tee	170.68	34.01
		For Galvanized Fittings, Add	*35.93*	
23 21 13 23-1561	EA	2-1/2", Ductile Iron, Grooved Tee	182.25	41.64
		For Galvanized Fittings, Add	*35.93*	
23 21 13 23-1562	EA	3", Ductile Iron, Grooved Tee	244.45	51.18
		For Galvanized Fittings, Add	*50.33*	
23 21 13 23-1563	EA	4", Ductile Iron, Grooved Tee	356.58	66.22
		For Galvanized Fittings, Add	*77.20*	
23 21 13 23-1564	EA	5", Ductile Iron, Grooved Tee	733.54	86.57
		For Galvanized Fittings, Add	*181.13*	
23 21 13 23-1565	EA	6", Ductile Iron, Grooved Tee	860.10	108.29
		For Galvanized Fittings, Add	*209.34*	
23 21 13 23-1566	EA	8", Ductile Iron, Grooved Tee	1,721.32	131.49
		For Galvanized Fittings, Add	*457.27*	
23 21 13 23-1567	EA	10", Ductile Iron, Grooved Tee	2,951.79	153.31
		For Galvanized Fittings, Add	*816.56*	
23 21 13 23-1568	EA	12", Ductile Iron, Grooved Tee	4,086.52	184.04
		For Galvanized Fittings, Add	*1,143.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1569	EA	14", Steel, Grooved Tee	4,463.60	204.49
		For Galvanized Fittings, Add	*1,247.11*	
23 21 13 23-1570	EA	16", Steel, Grooved Tee	5,603.58	205.65
		For Galvanized Fittings, Add	*1,588.58*	
23 21 13 23-1571	EA	18", Steel, Grooved Tee	6,971.52	226.84
		For Galvanized Fittings, Add	*1,989.43*	
23 21 13 23-1572	EA	20", Steel, Grooved Tee	9,847.20	230.45
		For Galvanized Fittings, Add	*2,850.53*	
23 21 13 23-1573	EA	24", Steel, Grooved Tee	15,023.56	283.11
		For Galvanized Fittings, Add	*4,379.72*	

23 21 13 23-1574 Grooved Wyes (90 Degree True Wye) *(23 21 13 23-1554)*

Note: Victaulic No. 33

23 21 13 23-1575	EA	1", Steel, Grooved Wye	531.54	17.48
		For Galvanized Fittings, Add	*80.85*	
23 21 13 23-1576	EA	1-1/4", Steel, Grooved Wye	537.37	21.40
		For Galvanized Fittings, Add	*80.85*	
23 21 13 23-1577	EA	1-1/2", Steel, Grooved Wye	544.66	26.27
		For Galvanized Fittings, Add	*80.85*	
23 21 13 23-1578	EA	2", Steel, Grooved Wye	556.23	34.01
		For Galvanized Fittings, Add	*80.85*	
23 21 13 23-1579	EA	2-1/2", Steel, Grooved Wye	567.80	41.64
		For Galvanized Fittings, Add	*80.85*	
23 21 13 23-1580	EA	3", Steel, Grooved Wye	680.70	51.18
		For Galvanized Fittings, Add	*96.64*	
23 21 13 23-1581	EA	4", Steel, Grooved Wye	890.39	66.22
		For Galvanized Fittings, Add	*126.58*	
23 21 13 23-1582	EA	5", Steel, Grooved Wye	1,263.79	86.57
		For Galvanized Fittings, Add	*181.44*	
23 21 13 23-1583	EA	6", Steel, Grooved Wye	1,565.40	108.29
		For Galvanized Fittings, Add	*224.49*	
23 21 13 23-1584	EA	8", Steel, Grooved Wye	2,217.92	131.49
		For Galvanized Fittings, Add	*323.33*	
23 21 13 23-1585	EA	10", Steel, Grooved Wye	3,717.87	153.31
		For Galvanized Fittings, Add	*558.07*	
23 21 13 23-1586	EA	12", Steel, Grooved Wye	4,129.28	184.04
		For Galvanized Fittings, Add	*616.54*	
23 21 13 23-1587	EA	14", Steel, Grooved Wye	4,706.69	204.49
		For Galvanized Fittings, Add	*704.02*	
23 21 13 23-1588	EA	16", Steel, Grooved Wye	6,023.18	205.44
		For Galvanized Fittings, Add	*914.43*	
23 21 13 23-1589	EA	18", Steel, Grooved Wye	6,877.95	227.05
		For Galvanized Fittings, Add	*1,046.00*	
23 21 13 23-1590	EA	20", Steel, Grooved Wye	9,826.48	230.02
		For Galvanized Fittings, Add	*1,517.05*	
23 21 13 23-1591	EA	24", Steel, Grooved Wye	15,165.69	283.11
		For Galvanized Fittings, Add	*2,358.59*	

23 21 13 23-1592 Grooved Crosses *(23 21 13 23-1554)*

Note: Victaulic No. 35

23 21 13 23-1593	EA	3/4", Steel, Grooved Cross	361.32	22.78
		For Galvanized Fittings, Add	*49.07*	
23 21 13 23-1594	EA	1", Steel, Grooved Cross	366.50	26.27
		For Galvanized Fittings, Add	*49.07*	
23 21 13 23-1595	EA	1-1/4", Steel, Grooved Cross	442.94	32.11
		For Galvanized Fittings, Add	*59.23*	
23 21 13 23-1596	EA	1-1/2", Steel, Grooved Cross	484.49	39.41
		For Galvanized Fittings, Add	*63.82*	
23 21 13 23-1597	EA	2", Steel, Grooved Cross	316.83	50.97
		For Galvanized Fittings, Add	*36.07*	
23 21 13 23-1598	EA	2-1/2", Steel, Grooved Cross	334.18	62.51
		For Galvanized Fittings, Add	*36.07*	
23 21 13 23-1599	EA	3", Steel, Grooved Cross	547.10	76.71
		For Galvanized Fittings, Add	*64.81*	
23 21 13 23-1600	EA	4", Steel, Grooved Cross	868.10	99.28
		For Galvanized Fittings, Add	*107.88*	
23 21 13 23-1601	EA	5", Steel, Grooved Cross	1,664.00	129.80
		For Galvanized Fittings, Add	*220.40*	
23 21 13 23-1602	EA	6", Steel, Grooved Cross	2,133.91	162.43
		For Galvanized Fittings, Add	*283.57*	
23 21 13 23-1603	EA	8", Steel, Grooved Cross	2,785.36	197.18
		For Galvanized Fittings, Add	*373.46*	
23 21 13 23-1604	EA	10", Steel, Grooved Cross	4,591.27	230.02
		For Galvanized Fittings, Add	*636.96*	
23 21 13 23-1605	EA	12", Steel, Grooved Cross	6,541.73	276.11
		For Galvanized Fittings, Add	*919.18*	
23 21 13 23-1606	EA	14", Steel, Grooved Cross	6,808.63	306.73
		For Galvanized Fittings, Add	*952.31*	
23 21 13 23-1607	EA	16", Steel, Grooved Cross	8,767.72	308.53
		For Galvanized Fittings, Add	*1,245.78*	
23 21 13 23-1608	EA	18", Steel, Grooved Cross	10,690.30	340.22
		For Galvanized Fittings, Add	*1,527.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1609	EA	20", Steel, Grooved Cross	14,940.56	345.52
		For Galvanized Fittings, Add	*2,163.38*	
23 21 13 23-1610	EA	24", Steel, Grooved Cross	22,901.89	424.66
		For Galvanized Fittings, Add	*3,339.77*	

23 21 13 23-1611 Grooved Reducing Tees *(23 21 13 23-1554)*

Note: Victaulic No. 25

23 21 13 23-1612	EA	1", Steel, Grooved Reducing Tee	257.31	17.48
		For Galvanized Fittings, Add	*46.22*	
23 21 13 23-1613	EA	1-1/4", Steel, Grooved Reducing Tee	270.40	21.40
		For Galvanized Fittings, Add	*47.67*	
23 21 13 23-1614	EA	1-1/2", Steel, Grooved Reducing Tee	283.63	26.27
		For Galvanized Fittings, Add	*48.86*	
23 21 13 23-1615	EA	2", Steel, Grooved Reducing Tee	336.90	34.01
		For Galvanized Fittings, Add	*57.20*	
23 21 13 23-1616	EA	2-1/2", Steel, Grooved Reducing Tee	377.89	41.64
		For Galvanized Fittings, Add	*63.08*	
23 21 13 23-1617	EA	3", Steel, Grooved Reducing Tee	421.91	51.18
		For Galvanized Fittings, Add	*69.05*	
23 21 13 23-1618	EA	4", Steel, Grooved Reducing Tee	564.83	66.22
		For Galvanized Fittings, Add	*93.12*	
23 21 13 23-1619	EA	5", Steel, Grooved Reducing Tee	744.56	86.57
		For Galvanized Fittings, Add	*122.96*	
23 21 13 23-1620	EA	6", Steel, Grooved Reducing Tee	1,027.15	108.29
		For Galvanized Fittings, Add	*172.97*	
23 21 13 23-1621	EA	8", Steel, Grooved Reducing Tee	1,624.06	131.49
		For Galvanized Fittings, Add	*285.40*	
23 21 13 23-1622	EA	10", Steel, Grooved Reducing Tee	2,333.60	153.31
		For Galvanized Fittings, Add	*420.73*	
23 21 13 23-1623	EA	12", Steel, Grooved Reducing Tee	3,379.17	184.04
		For Galvanized Fittings, Add	*620.65*	
23 21 13 23-1624	EA	14", Steel, Grooved Reducing Tee	3,831.21	204.49
		For Galvanized Fittings, Add	*704.93*	
23 21 13 23-1625	EA	16", Steel, Grooved Reducing Tee	4,886.76	205.65
		For Galvanized Fittings, Add	*915.68*	
23 21 13 23-1626	EA	18", Steel, Grooved Reducing Tee	5,945.14	226.84
		For Galvanized Fittings, Add	*1,121.02*	
23 21 13 23-1627	EA	20", Steel, Grooved Reducing Tee	8,361.67	230.34
		For Galvanized Fittings, Add	*1,603.27*	
23 21 13 23-1628	EA	24", Steel, Grooved Reducing Tee	13,337.13	283.11
		For Galvanized Fittings, Add	*2,582.53*	

23 21 13 23-1629 Grooved 45 Degree Lateral Wyes *(23 21 13 23-1554)*

Note: Victaulic No. 30

23 21 13 23-1630	EA	3/4", Steel, Grooved, 45 Degree Lateral Wye	501.31	15.15
		For Galvanized Fittings, Add	*86.14*	
23 21 13 23-1631	EA	1", Steel, Grooved, 45 Degree Lateral Wye	504.76	17.48
		For Galvanized Fittings, Add	*86.14*	
23 21 13 23-1632	EA	1-1/4", Steel, Grooved, 45 Degree Lateral Wye	510.59	21.40
		For Galvanized Fittings, Add	*86.14*	
23 21 13 23-1633	EA	1-1/2", Steel, Grooved, 45 Degree Lateral Wye	517.88	26.27
		For Galvanized Fittings, Add	*86.14*	
23 21 13 23-1634	EA	2", Steel, Grooved, 45 Degree Lateral Wye	529.45	34.01
		For Galvanized Fittings, Add	*86.14*	
23 21 13 23-1635	EA	2-1/2", Steel, Grooved, 45 Degree Lateral Wye	541.02	41.64
		For Galvanized Fittings, Add	*86.14*	
23 21 13 23-1636	EA	3", Steel, Grooved, 45 Degree Lateral Wye	490.09	51.18
		For Galvanized Fittings, Add	*74.41*	
23 21 13 23-1637	EA	3-1/2", Steel, Grooved, 45 Degree Lateral Wye	788.82	59.01
		For Galvanized Fittings, Add	*126.07*	
23 21 13 23-1638	EA	4", Steel, Grooved, 45 Degree Lateral Wye	914.54	66.22
		For Galvanized Fittings, Add	*146.75*	
23 21 13 23-1639	EA	5", Steel, Grooved, 45 Degree Lateral Wye	1,321.31	86.57
		For Galvanized Fittings, Add	*214.48*	
23 21 13 23-1640	EA	6", Steel, Grooved, 45 Degree Lateral Wye	2,082.08	108.29
		For Galvanized Fittings, Add	*345.56*	
23 21 13 23-1641	EA	8", Steel, Grooved, 45 Degree Lateral Wye	2,962.25	131.49
		For Galvanized Fittings, Add	*497.73*	
23 21 13 23-1642	EA	10", Steel, Grooved, 45 Degree Lateral Wye	4,132.91	153.31
		For Galvanized Fittings, Add	*702.54*	
23 21 13 23-1643	EA	12", Steel, Grooved, 45 Degree Lateral Wye	4,994.80	184.04
		For Galvanized Fittings, Add	*849.40*	
23 21 13 23-1644	EA	14", Steel, Grooved, 45 Degree Lateral Wye	7,194.09	204.49
		For Galvanized Fittings, Add	*1,239.75*	
23 21 13 23-1645	EA	16", Steel, Grooved, 45 Degree Lateral Wye	8,912.71	205.65
		For Galvanized Fittings, Add	*1,548.78*	
23 21 13 23-1646	EA	18", Steel, Grooved, 45 Degree Lateral Wye	9,958.64	226.84
		For Galvanized Fittings, Add	*1,731.35*	
23 21 13 23-1647	EA	20", Steel, Grooved, 45 Degree Lateral Wye	14,935.18	230.34
		For Galvanized Fittings, Add	*2,626.17*	
23 21 13 23-1648	EA	24", Steel, Grooved, 45 Degree Lateral Wye	23,096.01	283.11
		For Galvanized Fittings, Add	*4,080.87*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1649			Grooved 45 Degree Lateral Reducing Wyes *(23 21 13 23-1554)*		
			Note: Victaulic No. 30R		
23 21 13 23-1650		EA	3", Steel, Grooved 45 Degree Lateral Reducing Wye	490.09	51.18
			For Galvanized Fittings, Add	*53.74*	
23 21 13 23-1651		EA	4", Steel, Grooved 45 Degree Lateral Reducing Wye	914.54	66.22
			For Galvanized Fittings, Add	*105.99*	
23 21 13 23-1652		EA	5", Steel, Grooved 45 Degree Lateral Reducing Wye	1,321.31	86.57
			For Galvanized Fittings, Add	*154.90*	
23 21 13 23-1653		EA	6", Steel, Grooved 45 Degree Lateral Reducing Wye	1,701.77	108.29
			For Galvanized Fittings, Add	*200.13*	
23 21 13 23-1654		EA	8", Steel, Grooved 45 Degree Lateral Reducing Wye	2,419.44	131.49
			For Galvanized Fittings, Add	*288.91*	
23 21 13 23-1655		EA	10", Steel, Grooved 45 Degree Lateral Reducing Wye	2,951.69	153.31
			For Galvanized Fittings, Add	*353.83*	
23 21 13 23-1656		EA	12", Steel, Grooved 45 Degree Lateral Reducing Wye	3,583.53	184.04
			For Galvanized Fittings, Add	*429.99*	
23 21 13 23-1657		EA	14", Steel, Grooved 45 Degree Lateral Reducing Wye	4,011.93	204.49
			For Galvanized Fittings, Add	*481.70*	
23 21 13 23-1658		EA	16", Steel, Grooved 45 Degree Lateral Reducing Wye	5,097.86	205.65
			For Galvanized Fittings, Add	*622.64*	
23 21 13 23-1659		EA	18", Steel, Grooved 45 Degree Lateral Reducing Wye	7,694.31	226.84
			For Galvanized Fittings, Add	*956.06*	
23 21 13 23-1660		EA	20", Steel, Grooved 45 Degree Lateral Reducing Wye	11,110.09	230.34
			For Galvanized Fittings, Add	*1,399.42*	
23 21 13 23-1661		EA	24", Steel, Grooved 45 Degree Lateral Reducing Wye	17,853.02	283.11
			For Galvanized Fittings, Add	*2,265.71*	
23 21 13 23-1662			Mechanical-T Outlet *(23 21 13 23-1554)*		
			Note: Includes making opening in pipe. Grooved or treaded branch outlets. Victaulic Styles 920 or 921.		
23 21 13 23-1663		EA	2" x 3/4" Mechanical-T Outlet With Threaded Branch Outlet	155.86	38.14
			For Galvanized Fittings, Add	*19.74*	
23 21 13 23-1664		EA	2" x 1" Mechanical-T Outlet With Threaded Branch Outlet	155.86	38.14
			For Galvanized Fittings, Add	*19.74*	
23 21 13 23-1665		EA	2" x 1-1/4" Mechanical-T Outlet With Threaded Branch Outlet	168.28	38.14
			For Galvanized Fittings, Add	*22.82*	
23 21 13 23-1666		EA	2" x 1-1/2" Mechanical-T Outlet With Threaded Branch Outlet	168.28	38.14
23 21 13 23-1667		EA	2-1/2" x 3/4" Mechanical-T Outlet With Threaded Branch Outlet	165.40	42.91
23 21 13 23-1668		EA	2-1/2" x 1" Mechanical-T Outlet With Threaded Branch Outlet	165.40	42.91
23 21 13 23-1669		EA	2-1/2" x 1-1/4" Mechanical-T Outlet With Threaded Branch Outlet	198.20	42.91
23 21 13 23-1670		EA	3" x 3/4" Mechanical-T Outlet With Threaded Branch Outlet	187.00	47.68
23 21 13 23-1671		EA	3" x 1" Mechanical-T Outlet With Threaded Branch Outlet	187.00	47.68
23 21 13 23-1672		EA	3" x 1-1/4" Mechanical-T Outlet With Threaded Branch Outlet	213.41	47.68
23 21 13 23-1673		EA	3" x 1-1/2" Mechanical-T Outlet With Threaded Branch Outlet	213.41	47.68
23 21 13 23-1674		EA	3" x 2" Mechanical-T Outlet With Threaded Branch Outlet	231.49	47.68
23 21 13 23-1675		EA	4" x 3/4" Mechanical-T Outlet With Threaded Branch Outlet	243.99	63.57
23 21 13 23-1676		EA	4" x 1" Mechanical-T Outlet With Threaded Branch Outlet	243.99	63.57
23 21 13 23-1677		EA	4" x 1-1/4" Mechanical-T Outlet With Threaded Branch Outlet	264.61	63.57
23 21 13 23-1678		EA	4" x 1-1/2" Mechanical-T Outlet With Threaded Or Grooved Outlet	270.40	63.57
23 21 13 23-1679		EA	4" x 2" Mechanical-T Outlet With Threaded Or Grooved Outlet	270.40	63.57
23 21 13 23-1680		EA	4" x 2-1/2" Mechanical-T Outlet With Threaded Or Grooved Outlet	276.18	63.57
23 21 13 23-1681		EA	4" x 3" Mechanical-T Outlet With Threaded Or Grooved Outlet	287.28	63.57
23 21 13 23-1682		EA	5" x 1-1/2" Mechanical-T Outlet With Threaded Or Grooved Outlet	350.74	87.41
23 21 13 23-1683		EA	5" x 2" Mechanical-T Outlet With Threaded Or Grooved Outlet	350.74	87.41
23 21 13 23-1684		EA	5" x 2-1/2" Mechanical-T Outlet With Threaded Or Grooved Outlet	360.75	87.41
23 21 13 23-1685		EA	5" x 3" Mechanical-T Outlet With Threaded Or Grooved Outlet	373.29	87.41
23 21 13 23-1686		EA	6" x 1-1/2" Mechanical-T Outlet With Threaded Or Grooved Outlet	402.52	111.25
23 21 13 23-1687		EA	6" x 2" Mechanical-T Outlet With Threaded Or Grooved Outlet	402.52	111.25
23 21 13 23-1688		EA	6" x 2-1/2" Mechanical-T Outlet With Threaded Or Grooved Outlet	417.23	111.25
23 21 13 23-1689		EA	6" x 3" Mechanical-T Outlet With Threaded Or Grooved Outlet	429.65	111.25
23 21 13 23-1690		EA	6" x 4" Mechanical-T Outlet With Threaded Or Grooved Outlet	451.72	111.25
23 21 13 23-1691		EA	8" x 2" Mechanical-T Outlet With Threaded Or Grooved Outlet	613.12	147.27
23 21 13 23-1692		EA	8" x 2-1/2" Mechanical-T Outlet With Threaded Or Grooved Outlet	613.12	147.27
23 21 13 23-1693		EA	8" x 3" Mechanical-T Outlet With Threaded Or Grooved Outlet	630.84	147.27
23 21 13 23-1694		EA	8" x 4" Mechanical-T Outlet With Threaded Or Grooved Outlet	641.33	147.27
23 21 13 23-1695			Installation-Ready™ Grooved Fittings *(23 21 13 23-1468)*		
23 21 13 23-1696			Installation-Ready™ 90 Degree Grooved Elbows *(23 21 13 23-1695)*		
			Note: Victaulic No. 101		
23 21 13 23-1697		EA	1-1/4" Ductile Iron, Grooved, Installation-Ready™ 90 Degree Elbow	263.42	10.49
			For Galvanized Fittings, Add	*81.68*	
			For Galvanized Fittings, Add	*63.37*	
23 21 13 23-1698		EA	1-1/2" Ductile Iron, Grooved, Installation-Ready™ 90 Degree Elbow	273.87	12.58
			For Galvanized Fittings, Add	*84.08*	
			For Galvanized Fittings, Add	*65.23*	
23 21 13 23-1699		EA	2" Ductile Iron, Grooved, Installation-Ready™ 90 Degree Elbow	282.05	16.78
			For Galvanized Fittings, Add	*84.68*	
			For Galvanized Fittings, Add	*65.69*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1700	EA	2-1/2" Ductile Iron, Grooved, Installation-Ready™ 90 Degree Elbow	341.18	20.97
		For Galvanized Fittings, Add	*102.10*	
		For Galvanized Fittings, Add	*79.21*	
23 21 13 23-1701		**Installation-Ready™ 45 Degree Grooved Elbows** *(23 21 13 23-1695)*		
		Note: Victaulic No. 103		
23 21 13 23-1702	EA	1-1/4" Ductile Iron, Grooved, Installation-Ready™ 45 Degree Elbow	263.42	10.49
		For Galvanized Fittings, Add	*59.40*	
		For Galvanized Fittings, Add	*63.37*	
23 21 13 23-1703	EA	1-1/2" Ductile Iron, Grooved, Installation-Ready™ 45 Degree Elbow	273.87	12.58
		For Galvanized Fittings, Add	*61.15*	
		For Galvanized Fittings, Add	*65.23*	
23 21 13 23-1704	EA	2" Ductile Iron, Grooved, Installation-Ready™ 45 Degree Elbow	282.05	16.78
		For Galvanized Fittings, Add	*61.59*	
		For Galvanized Fittings, Add	*65.69*	
23 21 13 23-1705	EA	2-1/2" Ductile Iron, Grooved, Installation-Ready™ 45 Degree Elbow	341.18	20.97
		For Galvanized Fittings, Add	*74.26*	
		For Galvanized Fittings, Add	*79.21*	
23 21 13 23-1706		**Installation-Ready™ Grooved Tees** *(23 21 13 23-1695)*		
		Note: Victaulic No. 102		
23 21 13 23-1707	EA	1-1/4" Ductile Iron, Grooved, Installation-Ready™ Tee	403.39	13.98
		For Galvanized Fittings, Add	*114.66*	
		For Galvanized Fittings, Add	*97.84*	
23 21 13 23-1708	EA	1-1/2" Ductile Iron, Grooved, Installation-Ready™ Tee	420.37	16.78
		For Galvanized Fittings, Add	*118.48*	
		For Galvanized Fittings, Add	*101.10*	
23 21 13 23-1709	EA	2" Ductile Iron, Grooved, Installation-Ready™ Tee	434.31	22.37
		For Galvanized Fittings, Add	*120.12*	
		For Galvanized Fittings, Add	*102.50*	
23 21 13 23-1710	EA	2-1/2" Ductile Iron, Grooved, Installation-Ready™ Tee	504.65	27.98
		For Galvanized Fittings, Add	*138.68*	
		For Galvanized Fittings, Add	*118.34*	
23 21 13 23-1711		**Grooved Fittings** *(23 21 13 23-1468)*		
23 21 13 23-1712		**Flanged Adapter Nipple, Grooved** *(23 21 13 23-1711)*		
		Note: Victaulic No. 41 and 45		
23 21 13 23-1713	EA	1" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	355.84	12.71
		For Galvanized Fittings, Add	*60.62*	
		For 300 LB Rating, Add	*50.52*	
23 21 13 23-1714	EA	1-1/4" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	357.97	14.09
		For Galvanized Fittings, Add	*60.62*	
		For 300 LB Rating, Add	*50.52*	
23 21 13 23-1715	EA	1-1/2" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	363.26	17.69
		For Galvanized Fittings, Add	*60.62*	
		For 300 LB Rating, Add	*50.52*	
23 21 13 23-1716	EA	2" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	374.41	25.11
		For Galvanized Fittings, Add	*60.62*	
		For 300 LB Rating, Add	*50.52*	
23 21 13 23-1717	EA	2-1/2" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	382.37	30.40
		For Galvanized Fittings, Add	*60.62*	
		For 300 LB Rating, Add	*50.52*	
23 21 13 23-1718	EA	3" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	485.34	36.34
		For Galvanized Fittings, Add	*77.57*	
		For 300 LB Rating, Add	*64.64*	
23 21 13 23-1719	EA	4" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	587.26	48.95
		For Galvanized Fittings, Add	*92.50*	
		For 300 LB Rating, Add	*77.09*	
23 21 13 23-1720	EA	5" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	823.14	59.23
		For Galvanized Fittings, Add	*132.18*	
		For 300 LB Rating, Add	*110.15*	
23 21 13 23-1721	EA	6" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	957.81	80.00
		For Galvanized Fittings, Add	*150.81*	
		For 300 LB Rating, Add	*125.68*	
23 21 13 23-1722	EA	8" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	1,318.82	108.29
		For Galvanized Fittings, Add	*208.17*	
		For 300 LB Rating, Add	*173.48*	
23 21 13 23-1723	EA	10" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	2,084.34	131.49
		For Galvanized Fittings, Add	*339.71*	
		For 300 LB Rating, Add	*283.09*	
23 21 13 23-1724	EA	12" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	2,810.41	153.31
		For Galvanized Fittings, Add	*464.49*	
		For 300 LB Rating, Add	*387.07*	
23 21 13 23-1725	EA	14" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	3,319.00	184.04
		For Galvanized Fittings, Add	*547.75*	
		For 300 LB Rating, Add	*456.46*	
23 21 13 23-1726	EA	16" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	4,992.98	204.49
		For Galvanized Fittings, Add	*843.55*	
		For 300 LB Rating, Add	*702.96*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1727	EA	18" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	5,964.43	306.73
		For Galvanized Fittings, Add	*990.82*	
		For 300 LB Rating, Add	*825.68*	
23 21 13 23-1728	EA	20" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	6,289.37	368.08
		For Galvanized Fittings, Add	*1,032.76*	
		For 300 LB Rating, Add	*860.63*	
23 21 13 23-1729	EA	24" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	10,511.13	408.98
		For Galvanized Fittings, Add	*1,781.63*	
		For 300 LB Rating, Add	*1,484.70*	

23 21 13 23-1730 Grooved Concentric Reducers *(23 21 13 23-1711)*

Note: Victaulic No. 50

23 21 13 23-1731	EA	1-1/4" x 3/4", Grooved Concentric Reducer	378.27	12.71
		For Galvanized Fittings, Add	*15.80*	
23 21 13 23-1732	EA	1-1/4" x 1", Grooved Concentric Reducer	395.52	13.46
		For Galvanized Fittings, Add	*16.52*	
23 21 13 23-1733	EA	1-1/2" x 3/4", Grooved Concentric Reducer	445.68	14.52
		For Galvanized Fittings, Add	*50.96*	
23 21 13 23-1734	EA	1-1/2" x 1", Grooved Concentric Reducer	113.57	15.15
		For Galvanized Fittings, Add	*10.91*	
23 21 13 23-1735	EA	1-1/2" x 1-1/4", Grooved Concentric Reducer	375.24	15.90
		For Galvanized Fittings, Add	*42.24*	
23 21 13 23-1736	EA	2" x 3/4", Grooved Concentric Reducer	116.75	17.27
		For Galvanized Fittings, Add	*10.91*	
23 21 13 23-1737	EA	2" x 1", Grooved Concentric Reducer	117.81	18.01
		For Galvanized Fittings, Add	*10.91*	
23 21 13 23-1738	EA	2" x 1-1/4", Grooved Concentric Reducer	127.98	18.76
		For Galvanized Fittings, Add	*12.01*	
23 21 13 23-1739	EA	2" x 1-1/2", Grooved Concentric Reducer	122.11	20.87
		For Galvanized Fittings, Add	*10.91*	
23 21 13 23-1740	EA	2-1/2" x 3/4", Grooved Concentric Reducer	768.14	19.49
		For Galvanized Fittings, Add	*88.82*	
23 21 13 23-1741	EA	2-1/2" x 1", Grooved Concentric Reducer	609.91	20.24
		For Galvanized Fittings, Add	*69.67*	
23 21 13 23-1742	EA	2-1/2" x 1-1/4", Grooved Concentric Reducer	556.03	20.87
		For Galvanized Fittings, Add	*63.07*	
23 21 13 23-1743	EA	2-1/2" x 1-1/2", Grooved Concentric Reducer	125.22	22.99
		For Galvanized Fittings, Add	*10.91*	
23 21 13 23-1744	EA	2-1/2" x 2", Grooved Concentric Reducer	129.45	25.75
		For Galvanized Fittings, Add	*10.91*	
23 21 13 23-1745	EA	3" x 3/4", Grooved Concentric Reducer	777.65	22.68
		For Galvanized Fittings, Add	*113.04*	
23 21 13 23-1746	EA	3" x 1", Grooved Concentric Reducer	135.18	23.31
		For Galvanized Fittings, Add	*15.24*	
23 21 13 23-1747	EA	3" x 1-1/4", Grooved Concentric Reducer	612.03	24.05
		For Galvanized Fittings, Add	*87.56*	
23 21 13 23-1748	EA	3" x 1-1/2", Grooved Concentric Reducer	573.92	25.75
		For Galvanized Fittings, Add	*81.36*	
23 21 13 23-1749	EA	3" x 2", Grooved Concentric Reducer	122.55	28.61
		For Galvanized Fittings, Add	*12.11*	
23 21 13 23-1750	EA	3" x 2-1/2", Grooved Concentric Reducer	160.87	34.12
		For Galvanized Fittings, Add	*16.68*	
23 21 13 23-1751	EA	3-1/2" x 3", Grooved Concentric Reducer	172.03	36.76
		For Galvanized Fittings, Add	*17.77*	
23 21 13 23-1752	EA	4" x 1", Grooved Concentric Reducer	163.97	28.92
		For Galvanized Fittings, Add	*20.67*	
23 21 13 23-1753	EA	4" x 1-1/4", Grooved Concentric Reducer	997.38	29.67
		For Galvanized Fittings, Add	*163.42*	
23 21 13 23-1754	EA	4" x 1-1/2", Grooved Concentric Reducer	775.63	31.47
		For Galvanized Fittings, Add	*124.93*	
23 21 13 23-1755	EA	4" x 2", Grooved Concentric Reducer	157.41	34.33
		For Galvanized Fittings, Add	*18.18*	
23 21 13 23-1756	EA	4" x 2-1/2", Grooved Concentric Reducer	188.00	36.76
		For Galvanized Fittings, Add	*22.79*	
23 21 13 23-1757	EA	4" x 3", Grooved Concentric Reducer	192.23	39.62
		For Galvanized Fittings, Add	*22.79*	
23 21 13 23-1758	EA	4" x 3-1/2", Grooved Concentric Reducer	196.47	42.38
		For Galvanized Fittings, Add	*22.79*	
23 21 13 23-1759	EA	5" x 2", Grooved Concentric Reducer	1,400.84	39.94
		For Galvanized Fittings, Add	*229.98*	
23 21 13 23-1760	EA	5" x 2-1/2", Grooved Concentric Reducer	1,104.00	42.38
		For Galvanized Fittings, Add	*178.43*	
23 21 13 23-1761	EA	5" x 3", Grooved Concentric Reducer	223.36	45.24
		For Galvanized Fittings, Add	*26.68*	
23 21 13 23-1762	EA	5" x 4", Grooved Concentric Reducer	262.07	50.85
		For Galvanized Fittings, Add	*31.86*	
23 21 13 23-1763	EA	6" x 1", Grooved Concentric Reducer	311.70	43.13
		For Galvanized Fittings, Add	*46.10*	
23 21 13 23-1764	EA	6" x 1-1/2", Grooved Concentric Reducer	1,478.27	45.56
		For Galvanized Fittings, Add	*263.09*	
23 21 13 23-1765	EA	6" x 2", Grooved Concentric Reducer	319.63	48.42
		For Galvanized Fittings, Add	*46.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1766	EA	6" x 2-1/2", Grooved Concentric Reducer	1,494.26	50.85
		For Galvanized Fittings, Add	*264.59*	
23 21 13 23-1767	EA	6" x 3", Grooved Concentric Reducer	327.59	53.72
		For Galvanized Fittings, Add	*46.10*	
23 21 13 23-1768	EA	6" x 4", Grooved Concentric Reducer	304.17	59.34
		For Galvanized Fittings, Add	*40.15*	
23 21 13 23-1769	EA	6" x 5", Grooved Concentric Reducer	415.79	65.06
		For Galvanized Fittings, Add	*59.39*	
23 21 13 23-1770	EA	8" x 3", Grooved Concentric Reducer	532.59	60.82
		For Galvanized Fittings, Add	*82.38*	
23 21 13 23-1771	EA	8" x 4", Grooved Concentric Reducer	541.05	66.43
		For Galvanized Fittings, Add	*82.38*	
23 21 13 23-1772	EA	8" x 5", Grooved Concentric Reducer	549.54	72.05
		For Galvanized Fittings, Add	*82.38*	
23 21 13 23-1773	EA	8" x 6", Grooved Concentric Reducer	683.75	80.52
		For Galvanized Fittings, Add	*105.05*	
23 21 13 23-1774	EA	10" x 4", Grooved Concentric Reducer	1,161.83	73.85
		For Galvanized Fittings, Add	*196.13*	
23 21 13 23-1775	EA	10" x 5", Grooved Concentric Reducer	2,436.19	79.47
		For Galvanized Fittings, Add	*432.35*	
23 21 13 23-1776	EA	10" x 6", Grooved Concentric Reducer	1,281.35	87.94
		For Galvanized Fittings, Add	*214.49*	
23 21 13 23-1777	EA	10" x 8", Grooved Concentric Reducer	1,291.93	95.04
		For Galvanized Fittings, Add	*214.49*	
23 21 13 23-1778	EA	12" x 4", Grooved Concentric Reducer	3,605.57	84.13
		For Galvanized Fittings, Add	*521.92*	
23 21 13 23-1779	EA	12" x 6", Grooved Concentric Reducer	1,518.18	98.21
		For Galvanized Fittings, Add	*205.64*	
23 21 13 23-1780	EA	12" x 8", Grooved Concentric Reducer	2,217.22	105.32
		For Galvanized Fittings, Add	*308.91*	
23 21 13 23-1781	EA	12" x 10", Grooved Concentric Reducer	2,228.41	112.73
		For Galvanized Fittings, Add	*308.91*	
23 21 13 23-1782	EA	14" x 6", Grooved Concentric Reducer	7,146.12	105.85
		For Galvanized Fittings, Add	*214.51*	
23 21 13 23-1783	EA	14" x 8", Grooved Concentric Reducer	4,270.71	112.94
		For Galvanized Fittings, Add	*125.91*	
23 21 13 23-1784	EA	14" x 10", Grooved Concentric Reducer	3,643.38	120.37
		For Galvanized Fittings, Add	*106.31*	
23 21 13 23-1785	EA	14" x 12", Grooved Concentric Reducer	3,658.71	130.53
		For Galvanized Fittings, Add	*106.31*	
23 21 13 23-1786	EA	16" x 8", Grooved Concentric Reducer	6,499.83	120.47
		For Galvanized Fittings, Add	*194.00*	
23 21 13 23-1787	EA	16" x 10", Grooved Concentric Reducer	6,034.21	127.88
		For Galvanized Fittings, Add	*179.36*	
23 21 13 23-1788	EA	16" x 12", Grooved Concentric Reducer	5,582.26	138.16
		For Galvanized Fittings, Add	*165.02*	
23 21 13 23-1789	EA	16" x 14", Grooved Concentric Reducer	5,593.70	145.79
		For Galvanized Fittings, Add	*165.02*	
23 21 13 23-1790	EA	18" x 10", Grooved Concentric Reducer	8,452.29	134.98
		For Galvanized Fittings, Add	*253.27*	
23 21 13 23-1791	EA	18" x 12", Grooved Concentric Reducer	7,656.25	145.16
		For Galvanized Fittings, Add	*228.37*	
23 21 13 23-1792	EA	18" x 14", Grooved Concentric Reducer	6,963.25	152.79
		For Galvanized Fittings, Add	*206.74*	
23 21 13 23-1793	EA	18" x 16", Grooved Concentric Reducer	6,974.69	160.52
		For Galvanized Fittings, Add	*206.74*	
23 21 13 23-1794	EA	20" x 10", Grooved Concentric Reducer	9,301.74	138.48
		For Galvanized Fittings, Add	*279.19*	
23 21 13 23-1795	EA	20" x 12", Grooved Concentric Reducer	7,976.38	148.76
		For Galvanized Fittings, Add	*238.03*	
23 21 13 23-1796	EA	20" x 14", Grooved Concentric Reducer	7,987.83	156.38
		For Galvanized Fittings, Add	*238.03*	
23 21 13 23-1797	EA	20" x 16", Grooved Concentric Reducer	7,124.35	163.91
		For Galvanized Fittings, Add	*211.17*	
23 21 13 23-1798	EA	20" x 18", Grooved Concentric Reducer	7,591.64	171.01
		For Galvanized Fittings, Add	*225.19*	
23 21 13 23-1799	EA	24" x 10", Grooved Concentric Reducer	20,495.99	154.05
		For Galvanized Fittings, Add	*622.14*	
23 21 13 23-1800	EA	24" x 12", Grooved Concentric Reducer	20,022.03	164.33
		For Galvanized Fittings, Add	*607.11*	
23 21 13 23-1801	EA	24" x 14", Grooved Concentric Reducer	17,451.13	171.86
		For Galvanized Fittings, Add	*527.84*	
23 21 13 23-1802	EA	24" x 16", Grooved Concentric Reducer	17,462.65	179.59
		For Galvanized Fittings, Add	*527.84*	
23 21 13 23-1803	EA	24" x 18", Grooved Concentric Reducer	14,955.30	186.58
		For Galvanized Fittings, Add	*450.54*	
23 21 13 23-1804	EA	24" x 20", Grooved Concentric Reducer	13,660.77	190.18
		For Galvanized Fittings, Add	*410.63*	

23 21 13 23-1805 Grooved Eccentric Reducers *(23 21 13 23-1711)*

Note: Victaulic No. 51

23 21 13 23-1806	EA	1-1/2" x 3/4", Grooved Eccentric Reducer	460.31	14.52
		For Galvanized Fittings, Add	*52.72*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1807	EA	1-1/2" x 1", Grooved Eccentric Reducer	418.68	15.15
		For Galvanized Fittings, Add	*47.59*	
23 21 13 23-1808	EA	1-1/2" x 1-1/4", Grooved Eccentric Reducer	411.10	15.90
		For Galvanized Fittings, Add	*46.55*	
23 21 13 23-1809	EA	2" x 3/4", Grooved Eccentric Reducer	878.20	17.27
		For Galvanized Fittings, Add	*102.44*	
23 21 13 23-1810	EA	2" x 1", Grooved Eccentric Reducer	464.18	18.01
		For Galvanized Fittings, Add	*52.55*	
23 21 13 23-1811	EA	2" x 1-1/4", Grooved Eccentric Reducer	507.33	18.76
		For Galvanized Fittings, Add	*57.61*	
23 21 13 23-1812	EA	2" x 1-1/2", Grooved Eccentric Reducer	432.50	20.87
		For Galvanized Fittings, Add	*48.22*	
23 21 13 23-1813	EA	2-1/2" x 3/4", Grooved Eccentric Reducer	1,141.73	19.49
		For Galvanized Fittings, Add	*133.72*	
23 21 13 23-1814	EA	2-1/2" x 1", Grooved Eccentric Reducer	1,066.73	20.24
		For Galvanized Fittings, Add	*124.58*	
23 21 13 23-1815	EA	2-1/2" x 1-1/4", Grooved Eccentric Reducer	633.26	20.87
		For Galvanized Fittings, Add	*72.35*	
23 21 13 23-1816	EA	2-1/2" x 1-1/2", Grooved Eccentric Reducer	511.40	22.99
		For Galvanized Fittings, Add	*57.33*	
23 21 13 23-1817	EA	2-1/2" x 2", Grooved Eccentric Reducer	230.79	25.75
		For Galvanized Fittings, Add	*23.09*	
23 21 13 23-1818	EA	3" x 1", Grooved Eccentric Reducer	1,146.70	23.31
		For Galvanized Fittings, Add	*133.64*	
23 21 13 23-1819	EA	3" x 1-1/4", Grooved Eccentric Reducer	1,042.47	24.05
		For Galvanized Fittings, Add	*120.98*	
23 21 13 23-1820	EA	3" x 1-1/2", Grooved Eccentric Reducer	590.35	25.75
		For Galvanized Fittings, Add	*66.31*	
23 21 13 23-1821	EA	3" x 2", Grooved Eccentric Reducer	263.71	28.61
		For Galvanized Fittings, Add	*26.54*	
23 21 13 23-1822	EA	3" x 2-1/2", Grooved Eccentric Reducer	271.93	34.12
		For Galvanized Fittings, Add	*26.54*	
23 21 13 23-1823	EA	3-1/2" x 3", Grooved Eccentric Reducer	1,276.62	36.76
		For Galvanized Fittings, Add	*146.83*	
23 21 13 23-1824	EA	4" x 1", Grooved Eccentric Reducer	2,296.98	28.92
		For Galvanized Fittings, Add	*386.48*	
23 21 13 23-1825	EA	4" x 1-1/2", Grooved Eccentric Reducer	1,410.08	31.47
		For Galvanized Fittings, Add	*233.74*	
23 21 13 23-1826	EA	4" x 2", Grooved Eccentric Reducer	321.36	34.33
		For Galvanized Fittings, Add	*46.30*	
23 21 13 23-1827	EA	4" x 2-1/2", Grooved Eccentric Reducer	325.08	36.76
		For Galvanized Fittings, Add	*46.30*	
23 21 13 23-1828	EA	4" x 3", Grooved Eccentric Reducer	329.31	39.62
		For Galvanized Fittings, Add	*46.30*	
23 21 13 23-1829	EA	5" x 2", Grooved Eccentric Reducer	1,562.75	39.94
		For Galvanized Fittings, Add	*257.74*	
23 21 13 23-1830	EA	5" x 2-1/2", Grooved Eccentric Reducer	1,343.98	42.38
		For Galvanized Fittings, Add	*219.59*	
23 21 13 23-1831	EA	5" x 3", Grooved Eccentric Reducer	1,304.56	45.24
		For Galvanized Fittings, Add	*212.10*	
23 21 13 23-1832	EA	5" x 4", Grooved Eccentric Reducer	444.00	50.85
		For Galvanized Fittings, Add	*63.06*	
23 21 13 23-1833	EA	6" x 1", Grooved Eccentric Reducer	2,400.93	43.13
		For Galvanized Fittings, Add	*435.95*	
23 21 13 23-1834	EA	6" x 2", Grooved Eccentric Reducer	2,203.18	48.42
		For Galvanized Fittings, Add	*397.57*	
23 21 13 23-1835	EA	6" x 2-1/2", Grooved Eccentric Reducer	2,613.35	50.85
		For Galvanized Fittings, Add	*473.42*	
23 21 13 23-1836	EA	6" x 3", Grooved Eccentric Reducer	570.10	53.72
		For Galvanized Fittings, Add	*91.35*	
23 21 13 23-1837	EA	6" x 4", Grooved Eccentric Reducer	517.53	59.34
		For Galvanized Fittings, Add	*79.96*	
23 21 13 23-1838	EA	6" x 5", Grooved Eccentric Reducer	611.52	65.06
		For Galvanized Fittings, Add	*95.92*	
23 21 13 23-1839	EA	8" x 3", Grooved Eccentric Reducer	2,566.66	60.82
		For Galvanized Fittings, Add	*461.94*	
23 21 13 23-1840	EA	8" x 4", Grooved Eccentric Reducer	2,263.05	66.43
		For Galvanized Fittings, Add	*403.70*	
23 21 13 23-1841	EA	8" x 5", Grooved Eccentric Reducer	2,122.34	72.05
		For Galvanized Fittings, Add	*375.86*	
23 21 13 23-1842	EA	8" x 6", Grooved Eccentric Reducer	989.70	80.52
		For Galvanized Fittings, Add	*162.14*	
23 21 13 23-1843	EA	10" x 4", Grooved Eccentric Reducer	4,080.76	73.85
		For Galvanized Fittings, Add	*740.81*	
23 21 13 23-1844	EA	10" x 5", Grooved Eccentric Reducer	3,859.56	79.47
		For Galvanized Fittings, Add	*697.95*	
23 21 13 23-1845	EA	10" x 6", Grooved Eccentric Reducer	2,952.49	87.94
		For Galvanized Fittings, Add	*526.32*	
23 21 13 23-1846	EA	10" x 8", Grooved Eccentric Reducer	2,529.75	95.04
		For Galvanized Fittings, Add	*445.46*	
23 21 13 23-1847	EA	12" x 4", Grooved Eccentric Reducer	4,162.90	84.13
		For Galvanized Fittings, Add	*609.16*	
23 21 13 23-1848	EA	12" x 6", Grooved Eccentric Reducer	3,915.28	98.21
		For Galvanized Fittings, Add	*568.60*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1849	EA	12" x 8", Grooved Eccentric Reducer	3,829.48	105.32
		For Galvanized Fittings, Add	*554.05*	
23 21 13 23-1850	EA	12" x 10", Grooved Eccentric Reducer	3,457.72	112.73
		For Galvanized Fittings, Add	*496.26*	
23 21 13 23-1851	EA	14" x 6", Grooved Eccentric Reducer	9,666.15	105.85
		For Galvanized Fittings, Add	*291.88*	
23 21 13 23-1852	EA	14" x 8", Grooved Eccentric Reducer	6,247.68	112.94
		For Galvanized Fittings, Add	*186.60*	
23 21 13 23-1853	EA	14" x 10", Grooved Eccentric Reducer	5,966.60	120.37
		For Galvanized Fittings, Add	*177.64*	
23 21 13 23-1854	EA	14" x 12", Grooved Eccentric Reducer	5,981.93	130.53
		For Galvanized Fittings, Add	*177.64*	
23 21 13 23-1855	EA	16" x 8", Grooved Eccentric Reducer	10,680.45	120.47
		For Galvanized Fittings, Add	*322.34*	
23 21 13 23-1856	EA	16" x 10", Grooved Eccentric Reducer	9,894.37	127.88
		For Galvanized Fittings, Add	*297.87*	
23 21 13 23-1857	EA	16" x 12", Grooved Eccentric Reducer	9,324.05	138.16
		For Galvanized Fittings, Add	*279.89*	
23 21 13 23-1858	EA	16" x 14", Grooved Eccentric Reducer	9,335.49	145.79
		For Galvanized Fittings, Add	*279.89*	
23 21 13 23-1859	EA	18" x 10", Grooved Eccentric Reducer	13,398.81	134.98
		For Galvanized Fittings, Add	*405.13*	
23 21 13 23-1860	EA	18" x 12", Grooved Eccentric Reducer	12,609.12	145.16
		For Galvanized Fittings, Add	*380.42*	
23 21 13 23-1861	EA	18" x 14", Grooved Eccentric Reducer	11,487.36	152.79
		For Galvanized Fittings, Add	*345.63*	
23 21 13 23-1862	EA	18" x 16", Grooved Eccentric Reducer	11,498.80	160.52
		For Galvanized Fittings, Add	*345.63*	
23 21 13 23-1863	EA	20" x 10", Grooved Eccentric Reducer	17,597.38	138.48
		For Galvanized Fittings, Add	*533.87*	
23 21 13 23-1864	EA	20" x 12", Grooved Eccentric Reducer	13,086.00	148.76
		For Galvanized Fittings, Add	*394.90*	
23 21 13 23-1865	EA	20" x 14", Grooved Eccentric Reducer	12,293.30	156.38
		For Galvanized Fittings, Add	*370.21*	
23 21 13 23-1866	EA	20" x 16", Grooved Eccentric Reducer	12,109.48	163.91
		For Galvanized Fittings, Add	*364.22*	
23 21 13 23-1867	EA	20" x 18", Grooved Eccentric Reducer	11,665.64	171.01
		For Galvanized Fittings, Add	*350.26*	
23 21 13 23-1868	EA	24" x 12", Grooved Eccentric Reducer	25,420.33	164.33
		For Galvanized Fittings, Add	*772.84*	
23 21 13 23-1869	EA	24" x 14", Grooved Eccentric Reducer	21,713.07	171.86
		For Galvanized Fittings, Add	*658.68*	
23 21 13 23-1870	EA	24" x 16", Grooved Eccentric Reducer	21,724.59	179.59
		For Galvanized Fittings, Add	*658.68*	
23 21 13 23-1871	EA	24" x 18", Grooved Eccentric Reducer	20,517.19	186.58
		For Galvanized Fittings, Add	*621.29*	
23 21 13 23-1872	EA	24" x 20", Grooved Eccentric Reducer	18,752.88	190.18
		For Galvanized Fittings, Add	*566.96*	

23 21 13 23-1873 Grooved, Close Nipple *(23 21 13 23-1711)*

Note: Victaulic No. 143

23 21 13 23-1874	EA	1-1/4" Ductile Iron, Grooved, Close Nipple	61.84	13.98
		For Galvanized Fittings, Add	*7.32*	
		For 300 LB Rating, Add	*6.10*	
		For Galvanized Fittings, Add	*10.41*	
23 21 13 23-1875	EA	1-1/2" Ductile Iron, Grooved, Close Nipple	70.78	17.48
		For Galvanized Fittings, Add	*7.97*	
		For 300 LB Rating, Add	*6.64*	
		For Galvanized Fittings, Add	*11.34*	
23 21 13 23-1876	EA	2" Ductile Iron, Grooved, Close Nipple	88.36	23.08
		For Galvanized Fittings, Add	*9.61*	
		For 300 LB Rating, Add	*8.01*	
		For Galvanized Fittings, Add	*13.67*	
23 21 13 23-1877	EA	2-1/2" Ductile Iron, Grooved, Close Nipple	105.47	27.98
		For Galvanized Fittings, Add	*11.36*	
		For 300 LB Rating, Add	*9.46*	
		For Galvanized Fittings, Add	*16.15*	

23 21 13 23-1878 Grooved Caps *(23 21 13 23-1468)*

Note: Victaulic No. 60

23 21 13 23-1879	EA	1" Carbon Steel Grooved Cap	151.63	4.34
23 21 13 23-1880	EA	1-1/4" Carbon Steel Grooved Cap	153.76	5.40
23 21 13 23-1881	EA	1-1/2" Carbon Steel Grooved Cap	156.09	6.57
23 21 13 23-1882	EA	2" Carbon Steel Grooved Cap	160.22	8.68
23 21 13 23-1883	EA	2-1/2" Carbon Steel Grooved Cap	164.04	10.60
23 21 13 23-1884	EA	3" Carbon Steel Grooved Cap	168.49	12.82
23 21 13 23-1885	EA	4" Carbon Steel Grooved Cap	186.09	16.95
23 21 13 23-1886	EA	5" Carbon Steel Grooved Cap	392.15	21.09
23 21 13 23-1887	EA	6" Carbon Steel Grooved Cap	404.70	27.65
23 21 13 23-1888	EA	8" Carbon Steel Grooved Cap	730.26	32.84
23 21 13 23-1889	EA	10" Carbon Steel Grooved Cap	1,235.60	38.35
23 21 13 23-1890	EA	12" Carbon Steel Grooved Cap	2,118.40	45.98

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1891		Grooved Couplings *(23 21 13 23-1468)*		
23 21 13 23-1892		Flexible Grooved Coupling *(23 21 13 23-1891)* Note: Victaulic Style 77		
23 21 13 23-1893	EA	3/4" Grooved Standard Coupling	23.90	5.72
		For Galvanized Fittings, Add	*4.27*	
23 21 13 23-1894	EA	1" Grooved Standard Coupling	23.90	5.72
		For Galvanized Fittings, Add	*4.27*	
23 21 13 23-1895	EA	1-1/4" Grooved Standard Coupling	31.10	7.20
		For Galvanized Fittings, Add	*5.68*	
23 21 13 23-1896	EA	1-1/2" Grooved Standard Coupling	35.09	8.58
		For Galvanized Fittings, Add	*6.21*	
23 21 13 23-1897	EA	2" Grooved Standard Coupling	40.74	11.55
		For Galvanized Fittings, Add	*6.56*	
23 21 13 23-1898	EA	2-1/2" Grooved Standard Coupling	49.14	14.09
		For Galvanized Fittings, Add	*7.85*	
23 21 13 23-1899	EA	3" Grooved Standard Coupling	53.24	16.84
		For Galvanized Fittings, Add	*7.85*	
23 21 13 23-1900	EA	3-1/2" Grooved Standard Coupling	74.78	19.71
		For Galvanized Fittings, Add	*12.65*	
23 21 13 23-1901	EA	4" Grooved Standard Coupling	78.92	22.47
		For Galvanized Fittings, Add	*12.65*	
23 21 13 23-1902	EA	5" Grooved Standard Coupling	111.45	28.19
		For Galvanized Fittings, Add	*19.40*	
23 21 13 23-1903	EA	6" Grooved Standard Coupling	137.08	36.76
		For Galvanized Fittings, Add	*22.93*	
23 21 13 23-1904	EA	8" Grooved Standard Coupling	199.17	43.86
		For Galvanized Fittings, Add	*37.37*	
23 21 13 23-1905	EA	10" Grooved Standard Coupling	300.68	52.56
		For Galvanized Fittings, Add	*62.12*	
23 21 13 23-1906	EA	12" Grooved Standard Coupling	338.82	57.53
		For Galvanized Fittings, Add	*70.73*	
23 21 13 23-1907	EA	14" Grooved Standard Coupling	421.82	76.71
		For Galvanized Fittings, Add	*85.92*	
23 21 13 23-1908	EA	16" Grooved Standard Coupling	540.45	92.07
		For Galvanized Fittings, Add	*112.70*	
23 21 13 23-1909	EA	18" Grooved Standard Coupling	624.67	102.24
		For Galvanized Fittings, Add	*131.99*	
23 21 13 23-1910	EA	20" Grooved Standard Coupling	914.00	115.07
		For Galvanized Fittings, Add	*207.63*	
23 21 13 23-1911	EA	24" Grooved Standard Coupling	1,025.47	141.55
		For Galvanized Fittings, Add	*227.70*	
23 21 13 23-1912		Zero-Flex® Rigid Coupling *(23 21 13 23-1891)* Note: Victaulic Style 07		
23 21 13 23-1913	EA	1" Grooved Rigid Coupling	29.86	5.72
		For Galvanized Fittings, Add	*5.20*	
23 21 13 23-1914	EA	1-1/4" Grooved Rigid Coupling	32.03	7.20
		For Galvanized Fittings, Add	*5.20*	
23 21 13 23-1915	EA	1-1/2" Grooved Rigid Coupling	34.13	8.58
		For Galvanized Fittings, Add	*5.20*	
23 21 13 23-1916	EA	2" Grooved Rigid Coupling	39.06	11.55
		For Galvanized Fittings, Add	*5.33*	
23 21 13 23-1917	EA	2-1/2" Grooved Rigid Coupling	46.17	14.09
		For Galvanized Fittings, Add	*6.14*	
23 21 13 23-1918	EA	3" Grooved Rigid Coupling	50.27	16.84
		For Galvanized Fittings, Add	*6.14*	
23 21 13 23-1919	EA	3-1/2" Grooved Rigid Coupling	58.90	19.71
		For Galvanized Fittings, Add	*7.18*	
23 21 13 23-1920	EA	4" Grooved Rigid Coupling	75.27	22.47
		For Galvanized Fittings, Add	*10.17*	
23 21 13 23-1921	EA	5" Grooved Rigid Coupling	96.11	28.19
		For Galvanized Fittings, Add	*13.21*	
23 21 13 23-1922	EA	6" Grooved Rigid Coupling	127.28	36.76
		For Galvanized Fittings, Add	*17.66*	
23 21 13 23-1923	EA	8" Grooved Rigid Coupling	179.26	43.86
		For Galvanized Fittings, Add	*27.82*	
23 21 13 23-1924	EA	10" Grooved Rigid Coupling	282.34	52.56
		For Galvanized Fittings, Add	*49.86*	
23 21 13 23-1925	EA	12" Grooved Rigid Coupling	313.96	57.53
		For Galvanized Fittings, Add	*55.79*	
23 21 13 23-1926	EA	14" Grooved Rigid Coupling	412.50	76.71
		For Galvanized Fittings, Add	*72.89*	
23 21 13 23-1927	EA	16" Grooved Rigid Coupling	526.01	92.07
		For Galvanized Fittings, Add	*95.07*	
23 21 13 23-1928	EA	18" Grooved Rigid Coupling	601.88	102.24
		For Galvanized Fittings, Add	*109.90*	
23 21 13 23-1929	EA	20" Grooved Rigid Coupling	706.53	115.07
		For Galvanized Fittings, Add	*130.85*	
23 21 13 23-1930	EA	24" Grooved Rigid Coupling	998.90	141.55
		For Galvanized Fittings, Add	*192.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1931		**Large Diameter Grooved Coupling** *(23 21 13 23-1891)*		
		Note: Victaulic Style 770		
23 21 13 23-1932	EA	28" Grooved Coupling	986.15	28.19
		For Galvanized Fittings, Add	*132.16*	
23 21 13 23-1933	EA	30" Grooved Coupling	1,141.99	36.76
		For Galvanized Fittings, Add	*152.15*	
23 21 13 23-1934	EA	32" Grooved Coupling	1,693.25	43.86
		For Galvanized Fittings, Add	*227.86*	
23 21 13 23-1935	EA	36" Grooved Coupling	2,247.13	52.56
		For Galvanized Fittings, Add	*303.56*	
23 21 13 23-1936	EA	42" Grooved Coupling	4,471.42	57.53
		For Galvanized Fittings, Add	*613.93*	
23 21 13 23-1937		**Flexible Coupling** *(23 21 13 23-1891)*		
		Note: Victaulic Style 75		
23 21 13 23-1938	EA	1-1/2" Grooved Flexible Coupling	32.20	8.58
		For Galvanized Fittings, Add	*4.94*	
23 21 13 23-1939	EA	2" Grooved Flexible Coupling	37.09	11.55
		For Galvanized Fittings, Add	*5.06*	
23 21 13 23-1940	EA	2-1/2" Grooved Flexible Coupling	44.01	14.09
		For Galvanized Fittings, Add	*5.87*	
23 21 13 23-1941	EA	3" Grooved Flexible Coupling	51.84	16.84
		For Galvanized Fittings, Add	*6.82*	
23 21 13 23-1942	EA	3-1/2" Grooved Flexible Coupling	67.35	19.71
		For Galvanized Fittings, Add	*9.66*	
23 21 13 23-1943	EA	4" Grooved Flexible Coupling	71.49	22.47
		For Galvanized Fittings, Add	*9.66*	
23 21 13 23-1944	EA	5" Grooved Flexible Coupling	96.65	28.19
		For Galvanized Fittings, Add	*13.94*	
23 21 13 23-1945	EA	6" Grooved Flexible Coupling	120.81	36.76
		For Galvanized Fittings, Add	*16.80*	
23 21 13 23-1946	EA	8" Grooved Flexible Coupling	168.84	43.86
		For Galvanized Fittings, Add	*26.41*	
23 21 13 23-1947		**Installation-Ready™ Coupling** *(23 21 13 23-1891)*		
		Note: Victaulic Style 009N		
23 21 13 23-1948	EA	1-1/4" Ductile Iron, Installation-Ready™ Coupling	79.72	5.35
		For Galvanized Fittings, Add	*18.33*	
23 21 13 23-1949	EA	1-1/2" Ductile Iron, Installation-Ready™ Coupling	82.77	6.40
		For Galvanized Fittings, Add	*18.71*	
23 21 13 23-1950	EA	2" Ductile Iron, Installation-Ready™ Coupling	95.71	8.60
		For Galvanized Fittings, Add	*21.16*	
23 21 13 23-1951	EA	2-1/2" Ductile Iron, Installation-Ready™ Coupling	111.02	10.42
		For Galvanized Fittings, Add	*24.38*	
23 21 13 23-1952	EA	3" Ductile Iron, Installation-Ready™ Coupling	126.73	12.52
		For Galvanized Fittings, Add	*27.59*	
23 21 13 23-1953	EA	4" Ductile Iron, Installation-Ready™ Coupling	176.65	16.71
		For Galvanized Fittings, Add	*38.74*	
23 21 13 23-1954	EA	5" Ductile Iron, Installation-Ready™ Coupling	279.20	20.90
		For Galvanized Fittings, Add	*63.37*	
23 21 13 23-1955	EA	6" Ductile Iron, Installation-Ready™ Coupling	337.18	27.34
		For Galvanized Fittings, Add	*75.71*	
23 21 13 23-1956	EA	8" Ductile Iron, Installation-Ready™ Coupling	543.39	32.52
		For Galvanized Fittings, Add	*126.49*	
23 21 13 23-1957		**Grooved Strainers And Suction Diffusers** *(23 21 13 23-1468)*		
23 21 13 23-1958		**Grooved Wye Strainers** *(23 21 13 23-1957)*		
		Note: Victaulic Style 732		
23 21 13 23-1959	EA	2" Grooved Wye Strainer	2,519.57	23.31
23 21 13 23-1960	EA	2-1/2" Grooved Wye Strainer	2,652.38	28.29
23 21 13 23-1961	EA	3" Grooved Wye Strainer	2,982.82	33.91
23 21 13 23-1962	EA	4" Grooved Wye Strainer	3,385.97	45.24
23 21 13 23-1963	EA	5" Grooved Wye Strainer	4,891.43	56.58
23 21 13 23-1964	EA	6" Grooved Wye Strainer	5,329.03	73.53
23 21 13 23-1965	EA	8" Grooved Wye Strainer	8,131.86	87.63
23 21 13 23-1966	EA	10" Grooved Wye Strainer	13,014.41	102.45
23 21 13 23-1967	EA	12" Grooved Wye Strainer	22,651.27	123.02
23 21 13 23-1968		**Grooved Tee Type Strainers** *(23 21 13 23-1957)*		
		Note: Victaulic Style 730		
23 21 13 23-1969	EA	1-1/2" Grooved Tee Type Strainer	1,943.82	17.69
23 21 13 23-1970	EA	2" Grooved Tee Type Strainer	2,488.90	23.31
23 21 13 23-1971	EA	2-1/2" Grooved Tee Type Strainer	2,620.50	28.29
23 21 13 23-1972	EA	3" Grooved Tee Type Strainer	2,946.81	33.91
23 21 13 23-1973	EA	4" Grooved Tee Type Strainer	3,345.14	45.24
23 21 13 23-1974	EA	5" Grooved Tee Type Strainer	4,831.99	56.58

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1975	EA	6" Grooved Tee Type Strainer	5,264.94	73.53
23 21 13 23-1976	EA	8" Grooved Tee Type Strainer	8,032.62	87.63
23 21 13 23-1977	EA	10" Grooved Tee Type Strainer	11,758.41	102.45
23 21 13 23-1978	EA	12" Grooved Tee Type Strainer	15,122.88	123.02
23 21 13 23-1979	EA	14" Grooved Tee Type Strainer	53,455.23	138.48
23 21 13 23-1980	EA	16" Grooved Tee Type Strainer	66,408.82	153.31
23 21 13 23-1981	EA	18" Grooved Tee Type Strainer	87,295.67	167.51
23 21 13 23-1982		Grooved Suction Diffuser *(23 21 13 23-1957)*		
		Note: Victaulic Style 731		
23 21 13 23-1983	EA	2-1/2" Grooved x 2" Flanged Suction Diffuser	5,134.66	26.17
23 21 13 23-1984	EA	3" Grooved x 2" Flanged Suction Diffuser	5,450.75	28.92
23 21 13 23-1985	EA	3" Grooved x 2-1/2" Flanged Suction Diffuser	3,938.00	33.91
23 21 13 23-1986	EA	3" Grooved x 3" Flanged Suction Diffuser	3,993.65	36.76
23 21 13 23-1987	EA	4" Grooved x 2-1/2" Flanged Suction Diffuser	4,326.01	36.76
23 21 13 23-1988	EA	4" Grooved x 3" Flanged Suction Diffuser	4,667.24	39.62
23 21 13 23-1989	EA	4" Grooved x 4" Flanged Suction Diffuser	5,396.04	39.62
23 21 13 23-1990	EA	5" Grooved x 4" Flanged Suction Diffuser	6,024.78	50.85
23 21 13 23-1991	EA	5" Grooved x 5" Flanged Suction Diffuser	6,330.87	53.72
23 21 13 23-1992	EA	6" Grooved x 4" Flanged Suction Diffuser	6,431.35	59.34
23 21 13 23-1993	EA	6" Grooved x 5" Flanged Suction Diffuser	7,684.46	65.06
23 21 13 23-1994	EA	6" Grooved x 6" Flanged Suction Diffuser	7,981.45	69.29
23 21 13 23-1995	EA	8" Grooved x 5" Flanged Suction Diffuser	8,189.51	72.05
23 21 13 23-1996	EA	8" Grooved x 6" Flanged Suction Diffuser	8,642.61	80.52
23 21 13 23-1997	EA	8" Grooved x 8" Flanged Suction Diffuser	14,796.38	87.63
23 21 13 23-1998	EA	10" Grooved x 8" Flanged Suction Diffuser	16,690.10	94.72
23 21 13 23-1999	EA	10" Grooved x 10" Flanged Suction Diffuser	20,087.23	98.21
23 21 13 23-2000	EA	12" Grooved x 10" Flanged Suction Diffuser	23,771.76	113.05
23 21 13 23-2001	EA	12" Grooved x 12" Flanged Suction Diffuser	33,010.13	120.16
23 21 13 23-2002	EA	14" Grooved x 10" Flanged Suction Diffuser	30,734.20	120.16
23 21 13 23-2003	EA	14" Grooved x 12" Flanged Suction Diffuser	34,326.45	130.74
23 21 13 23-2004	EA	14" Grooved x 14" Flanged Suction Diffuser	41,654.44	138.48
23 21 13 23-2005	EA	16" Grooved x 14" Flanged Suction Diffuser	42,882.76	145.58
23 21 13 23-2006		Grooved Steel Valves *(23 21 13 23-1468)*		
23 21 13 23-2007		Grooved Butterfly Valves With Standard Trim *(23 21 13 23-2006)*		
23 21 13 23-2008	EA	1-1/2" Butterfly Valve, Grooved, With Standard Trim	289.52	11.55
23 21 13 23-2009	EA	2" Butterfly Valve, Grooved, With Standard Trim	294.99	15.15
23 21 13 23-2010	EA	3" Butterfly Valve, Grooved, With Standard Trim	484.18	22.47
23 21 13 23-2011	EA	4" Butterfly Valve, Grooved, With Standard Trim	650.39	29.56
23 21 13 23-2012	EA	6" Butterfly Valve, Grooved, With Standard Trim	1,420.69	48.42
23 21 13 23-2013	EA	8" Butterfly Valve, Grooved, With Standard Trim	1,968.76	68.13
23 21 13 23-2014	EA	10" Butterfly Valve, Grooved, With Standard Trim	2,957.26	92.07
23 21 13 23-2015		Grooved Butterfly Valves With Stainless Steel Trim *(23 21 13 23-2006)*		
23 21 13 23-2016	EA	1-1/2" Butterfly Valve, Grooved, With Stainless Steel Trim	435.34	11.55
23 21 13 23-2017	EA	2" Butterfly Valve, Grooved, With Stainless Steel Trim	440.81	15.15
23 21 13 23-2018	EA	3" Butterfly Valve, Grooved, With Stainless Steel Trim	681.85	22.47
23 21 13 23-2019	EA	4" Butterfly Valve, Grooved, With Stainless Steel Trim	867.51	29.56
23 21 13 23-2020	EA	6" Butterfly Valve, Grooved, With Stainless Steel Trim	1,660.49	48.42
23 21 13 23-2021	EA	8" Butterfly Valve, Grooved, With Stainless Steel Trim	2,759.46	68.13
23 21 13 23-2022	EA	10" Butterfly Valve, Grooved, With Stainless Steel Trim	4,350.70	92.07
23 21 13 23-2023		Grooved Ball Valves With Standard Trim And Handle *(23 21 13 23-2006)*		
		Note: Victaulic No. 721		
23 21 13 23-2024	EA	1-1/2" Ball Valve, Grooved, With Standard Trim	244.19	11.33
23 21 13 23-2025	EA	2" Ball Valve, Grooved, With Standard Trim	279.63	15.57
23 21 13 23-2026	EA	2-1/2" Ball Valve, Grooved, With Standard Trim	639.22	19.07
23 21 13 23-2027	EA	3" Ball Valve, Grooved, With Standard Trim	1,048.73	22.57
23 21 13 23-2028	EA	4" Ball Valve, Grooved, With Standard Trim	1,633.45	29.67
23 21 13 23-2029	EA	6" Ball Valve, Grooved, With Standard Trim	5,081.32	48.74
23 21 13 23-2030		Grooved Ball Valves With Stainless Steel Trim And Handle *(23 21 13 23-2006)*		
		Note: Victaulic No. 721		
23 21 13 23-2031	EA	1-1/2" Ball Valve, Grooved, With Stainless Steel Trim	260.16	11.33
23 21 13 23-2032	EA	2" Ball Valve, Grooved, With Stainless Steel Trim	445.42	15.57
23 21 13 23-2033	EA	2-1/2" Ball Valve, Grooved, With Stainless Steel Trim	1,161.99	19.07
23 21 13 23-2034	EA	3" Ball Valve, Grooved, With Stainless Steel Trim	1,502.78	22.57
23 21 13 23-2035	EA	4" Ball Valve, Grooved, With Stainless Steel Trim	2,053.04	29.67
23 21 13 23-2036	EA	6" Ball Valve, Grooved, With Stainless Steel Trim	5,601.25	48.74
23 21 13 23-2037		Grooved Check Valves *(23 21 13 23-2006)*		
		Note: Victaulic No. 712		
23 21 13 23-2038	EA	2" Check Valve, Grooved	370.90	15.57

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2039	EA	2-1/2" Check Valve, Grooved	602.36	19.07
23 21 13 23-2040	EA	3" Check Valve, Grooved	701.84	22.57
23 21 13 23-2041	EA	4" Check Valve, Grooved	994.96	29.67
23 21 13 23-2042		**Grooved Vic-Check Check Valves** *(23 21 13 23-2006)*		
		Note: Victaulic No. 716		
23 21 13 23-2043	EA	2-1/2" "Vic-Check" Check Valve, Grooved	481.12	19.07
23 21 13 23-2044	EA	3" "Vic-Check" Check Valve, Grooved	486.27	22.57
23 21 13 23-2045	EA	4" "Vic-Check" Check Valve, Grooved	609.32	29.67
23 21 13 23-2046	EA	6" "Vic-Check" Check Valve, Grooved	1,188.38	48.74
23 21 13 23-2047	EA	8" "Vic-Check" Check Valve, Grooved	1,626.01	67.81
23 21 13 23-2048	EA	10" "Vic-Check" Check Valve, Grooved	4,549.97	91.86
23 21 13 23-2049	EA	12" "Vic-Check" Check Valve, Grooved	5,388.13	106.06
23 21 13 23-2050		**Grooved Plug Valves With Lever Operator** *(23 21 13 23-2006)*		
		Note: Victaulic No. 377		
23 21 13 23-2051	EA	3" Balancing Plug Valve, Grooved, With Lever Handle	1,041.19	22.57
23 21 13 23-2052	EA	4" Balancing Plug Valve, Grooved, With Lever Handle	1,152.99	29.67
23 21 13 23-2053	EA	6" Balancing Plug Valve, Grooved, With Lever Handle	2,060.91	48.74
23 21 13 23-2054		**Grooved Plug Valve With Gear Operator** *(23 21 13 23-2006)*		
		Note: Victaulic No. 377		
23 21 13 23-2055	EA	3" Balancing Plug Valve, Grooved, With Gear Operator	1,853.68	22.57
23 21 13 23-2056	EA	4" Balancing Plug Valve, Grooved, With Gear Operator	1,965.56	29.67
23 21 13 23-2057	EA	6" Balancing Plug Valve, Grooved, With Gear Operator	2,873.48	48.74
23 21 13 23-2058	EA	8" Balancing Plug Valve, Grooved, With Gear Operator	3,842.36	67.81
23 21 13 23-2059	EA	10" Balancing Plug Valve, Grooved, With Gear Operator	6,036.93	91.86
23 21 13 23-2060	EA	12" Balancing Plug Valve, Grooved, With Gear Operator	8,751.80	106.06
23 21 13 23-2061		**Prepare Pipe For Groove** *(23 21 13 23-1468)*		
23 21 13 23-2062		**Cut Grooved Pipe** *(23 21 13 23-2061)*		
		Note: For use where connecting ungrooved pipe with grooved pipe, coupling to grooved pipe, or for field groove preparation on existing cut pipe.		
23 21 13 23-2063	EA	Cut 3/4" Groove Pipe	11.10	
23 21 13 23-2064	EA	Cut 1" Groove Pipe	12.05	
23 21 13 23-2065	EA	Cut 1-1/4" Groove Pipe	13.61	
23 21 13 23-2066	EA	Cut 1-1/2" Groove Pipe	14.80	
23 21 13 23-2067	EA	Cut 2" Groove Pipe	16.22	
23 21 13 23-2068	EA	Cut 2-1/2" Groove Pipe	17.57	
23 21 13 23-2069	EA	Cut 3" Groove Pipe	19.17	
23 21 13 23-2070	EA	Cut 3-1/2" Groove Pipe	20.33	
23 21 13 23-2071	EA	Cut 4" Groove Pipe	21.63	
23 21 13 23-2072	EA	Cut 5" Groove Pipe	23.43	
23 21 13 23-2073	EA	Cut 6" Groove Pipe	24.10	
23 21 13 23-2074	EA	Cut 8" Groove Pipe	31.24	
23 21 13 23-2075	EA	Cut 10" Groove Pipe	44.40	
23 21 13 23-2076	EA	Cut 12" Groove Pipe	56.23	
23 21 13 23-2077	EA	Cut 14" Groove Pipe	84.36	
23 21 13 23-2078	EA	Cut 16" Groove Pipe	88.79	
23 21 13 23-2079	EA	Cut 18" Groove Pipe	93.73	
23 21 13 23-2080	EA	Cut 20" Groove Pipe	99.24	
23 21 13 23-2081	EA	Cut 24" Groove Pipe	112.48	
23 21 13 23-2082		**Roll Grooved Pipe** *(23 21 13 23-2061)*		
		Note: For use where connecting ungrooved pipe with grooved pipe, coupling to grooved pipe, or for field groove preparation on existing cut pipe.		
23 21 13 23-2083	EA	Roll 3/4" Groove	6.35	
23 21 13 23-2084	EA	Roll 1" Groove	7.40	
23 21 13 23-2085	EA	Roll 1-1/4" Groove	8.43	
23 21 13 23-2086	EA	Roll 1-1/2" Groove	9.48	
23 21 13 23-2087	EA	Roll 2" Groove	14.55	
23 21 13 23-2088	EA	Roll 2-1/2" Groove	15.33	
23 21 13 23-2089	EA	Roll 3" Groove	16.87	
23 21 13 23-2090	EA	Roll 3-1/2" Groove	17.95	
23 21 13 23-2091	EA	Roll 4" Groove	19.61	
23 21 13 23-2092	EA	Roll 5" Groove	20.09	
23 21 13 23-2093	EA	Roll 6" Groove	21.09	
23 21 13 23-2094	EA	Roll 8" Groove	25.56	
23 21 13 23-2095	EA	Roll 10" Groove	29.08	
23 21 13 23-2096	EA	Roll 12" Groove	36.68	
23 21 13 23-2097	EA	Roll 14" Groove	56.23	
23 21 13 23-2098	EA	Roll 16" Groove	60.25	
23 21 13 23-2099	EA	Roll 18" Groove	62.49	
23 21 13 23-2100	EA	Roll 20" Groove	67.49	
23 21 13 23-2101	EA	Roll 24" Groove	73.35	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2102		**Standard Gaskets** *(23 21 13 23-2061)* Note: For use on replacement of existing gaskets.		
23 21 13 23-2103	EA	3/4" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	15.41	
23 21 13 23-2104	EA	1" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	16.30	
23 21 13 23-2105	EA	1-1/4" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	17.19	
23 21 13 23-2106	EA	1-1/2" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	18.92	
23 21 13 23-2107	EA	2" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	19.55	
23 21 13 23-2108	EA	2-1/2" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	22.53	
23 21 13 23-2109	EA	3" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	24.81	
23 21 13 23-2110	EA	3-1/2" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	30.05	
23 21 13 23-2111	EA	4" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	30.56	
23 21 13 23-2112	EA	5" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	37.20	
23 21 13 23-2113	EA	6" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	39.90	
23 21 13 23-2114	EA	8" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	53.71	
23 21 13 23-2115	EA	10" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	66.60	
23 21 13 23-2116	EA	12" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	79.19	
23 21 13 23-2117	EA	14" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	111.21	
23 21 13 23-2118	EA	16" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	145.54	
23 21 13 23-2119	EA	18" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	170.58	
23 21 13 23-2120	EA	20" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	247.61	
23 21 13 23-2121	EA	24" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	335.98	
23 21 13 23-2122		**Copper Grooved-Joint Pipe Fittings** *(23 21 13 23)* Note: Couplings are not included with fittings.		
23 21 13 23-2123		**Grooved Fittings** *(23 21 13 23-2122)*		
23 21 13 23-2124		**Grooved 90 Degree Elbows** *(23 21 13 23-2123)*		
23 21 13 23-2125	EA	2" Copper 90 Degree Elbow, Grooved	153.60	17.27
23 21 13 23-2126	EA	2-1/2" Copper 90 Degree Elbow, Grooved	170.94	21.09
23 21 13 23-2127	EA	3" Copper 90 Degree Elbow, Grooved	231.51	25.54
23 21 13 23-2128	EA	4" Copper 90 Degree Elbow, Grooved	481.50	33.69
23 21 13 23-2129	EA	5" Copper 90 Degree Elbow, Grooved	1,257.88	42.17
23 21 13 23-2130	EA	6" Copper 90 Degree Elbow, Grooved	1,983.12	55.20
23 21 13 23-2131	EA	8" Copper 90 Degree Elbow, Grooved	3,647.12	65.69
23 21 13 23-2132		**Grooved 45 Degree Elbows** *(23 21 13 23-2123)*		
23 21 13 23-2133	EA	2" Copper 45 Degree Elbow, Grooved	153.60	17.27
23 21 13 23-2134	EA	2-1/2" Copper 45 Degree Elbow, Grooved	170.94	21.09
23 21 13 23-2135	EA	3" Copper 45 Degree Elbow, Grooved	231.51	25.54
23 21 13 23-2136	EA	4" Copper 45 Degree Elbow, Grooved	481.50	33.69
23 21 13 23-2137	EA	5" Copper 45 Degree Elbow, Grooved	1,257.88	42.17
23 21 13 23-2138	EA	6" Copper 45 Degree Elbow, Grooved	1,983.12	55.20
23 21 13 23-2139	EA	8" Copper 45 Degree Elbow, Grooved	3,647.12	65.69
23 21 13 23-2140		**Grooved Tees** *(23 21 13 23-2123)*		
23 21 13 23-2141	EA	2" Copper Tee, Grooved	245.97	25.43
23 21 13 23-2142	EA	2-1/2" Copper Tee, Grooved	269.48	31.26
23 21 13 23-2143	EA	3" Copper Tee, Grooved	384.73	38.35
23 21 13 23-2144	EA	4" Copper Tee, Grooved	774.57	49.59
23 21 13 23-2145	EA	5" Copper Tee, Grooved	3,101.53	64.85
23 21 13 23-2146	EA	6" Copper Tee, Grooved	2,496.89	81.16
23 21 13 23-2147	EA	8" Copper Tee, Grooved	4,365.84	98.54
23 21 13 23-2148		**Grooved Reducing Tees** *(23 21 13 23-2123)*		
23 21 13 23-2149	EA	2-1/2" Copper Tee, Reducing, Grooved	371.07	31.26
23 21 13 23-2150	EA	3" Copper Tee, Reducing, Grooved	600.43	38.35
23 21 13 23-2151	EA	4" Copper Tee, Reducing, Grooved	986.46	49.70
23 21 13 23-2152	EA	5" Copper Tee, Reducing, Grooved	2,837.61	64.95
23 21 13 23-2153	EA	6" Copper Tee, Reducing, Grooved	3,468.31	81.16
23 21 13 23-2154		**Grooved X Cup Reducing Tees** *(23 21 13 23-2123)*		
23 21 13 23-2155	EA	2" Copper Tee, Reducing, Grooved X Cup	300.30	25.43
23 21 13 23-2156	EA	2-1/2" Copper Tee, Reducing, Grooved X Cup	372.18	31.26
23 21 13 23-2157	EA	3" Copper Tee, Reducing, Grooved X Cup	649.32	38.35
23 21 13 23-2158	EA	4" Copper Tee, Reducing, Grooved X Cup	986.46	49.59
23 21 13 23-2159		**Grooved Flanged Adapter Nipples** *(23 21 13 23-2123)*		
23 21 13 23-2160	EA	2" Copper Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	550.95	18.76
23 21 13 23-2161	EA	2-1/2" Copper Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	580.13	22.78
23 21 13 23-2162	EA	3" Copper Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	614.41	27.23
23 21 13 23-2163	EA	4" Copper Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	687.25	36.66
23 21 13 23-2164	EA	5" Copper Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	914.02	44.40

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2165	EA	6" Copper Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	1,017.93	59.97
23 21 13 23-2166		**Grooved Concentric Reducers** *(23 21 13 23-2123)*		
23 21 13 23-2167	EA	2-1/2" x 2" Copper Concentric Reducer, Grooved	209.26	19.28
23 21 13 23-2168	EA	3" x 2" Copper Concentric Reducer, Grooved	213.51	21.51
23 21 13 23-2169	EA	3" x 2-1/2" Copper Concentric Reducer, Grooved	221.73	25.54
23 21 13 23-2170	EA	4" x 2" Copper Concentric Reducer, Grooved	400.21	25.75
23 21 13 23-2171	EA	4" x 2-1/2" Copper Concentric Reducer, Grooved	403.93	27.54
23 21 13 23-2172	EA	4" x 3" Copper Concentric Reducer, Grooved	408.16	29.67
23 21 13 23-2173	EA	5" x 3" Copper Concentric Reducer, Grooved	1,049.01	33.91
23 21 13 23-2174	EA	5" x 4" Copper Concentric Reducer, Grooved	1,057.49	38.14
23 21 13 23-2175	EA	6" x 3" Copper Concentric Reducer, Grooved	1,142.68	40.27
23 21 13 23-2176	EA	6" x 4" Copper Concentric Reducer, Grooved	1,151.16	44.50
23 21 13 23-2177	EA	6" x 5" Copper Concentric Reducer, Grooved	1,159.64	48.74
23 21 13 23-2178	EA	8" x 6" Copper Concentric Reducer, Grooved	1,984.87	60.39
23 21 13 23-2179		**Grooved X Cup Concentric Reducers** *(23 21 13 23-2123)*		
23 21 13 23-2180	EA	2" x 1" Copper Concentric Reducer, Grooved X Cup	168.29	13.56
23 21 13 23-2181	EA	2" x 1-1/4" Copper Concentric Reducer, Grooved X Cup	169.35	14.09
23 21 13 23-2182	EA	2" x 1-1/2" Copper Concentric Reducer, Grooved X Cup	172.59	15.69
23 21 13 23-2183	EA	2-1/2" x 1" Copper Concentric Reducer, Grooved X Cup	203.05	15.15
23 21 13 23-2184	EA	2-1/2" x 1-1/4" Copper Concentric Reducer, Grooved X Cup	204.10	15.69
23 21 13 23-2185	EA	2-1/2" x 1-1/2" Copper Concentric Reducer, Grooved X Cup	207.21	17.27
23 21 13 23-2186	EA	2-1/2" x 2" Copper Concentric Reducer, Grooved X Cup	211.44	19.28
23 21 13 23-2187	EA	3" x 1-1/2" Copper Concentric Reducer, Grooved X Cup	253.25	19.28
23 21 13 23-2188	EA	3" x 2" Copper Concentric Reducer, Grooved X Cup	257.50	21.51
23 21 13 23-2189	EA	4" x 2" Copper Concentric Reducer, Grooved X Cup	449.65	25.64
23 21 13 23-2190		**Grooved Standard Couplings** *(23 21 13 23-2123)*		
23 21 13 23-2191	EA	2" Copper Standard Coupling, Grooved	58.33	8.68
23 21 13 23-2192	EA	2-1/2" Copper Standard Coupling, Grooved	68.11	10.60
23 21 13 23-2193	EA	3" Copper Standard Coupling, Grooved	76.94	12.61
23 21 13 23-2194	EA	4" Copper Standard Coupling, Grooved	112.95	16.95
23 21 13 23-2195	EA	5" Copper Standard Coupling, Grooved	176.93	21.09
23 21 13 23-2196	EA	6" Copper Standard Coupling, Grooved	233.17	27.54
23 21 13 23-2197	EA	8" Copper Standard Coupling, Grooved	342.77	32.84
23 21 13 23-2198		**Grooved Caps** *(23 21 13 23-2123)*		
23 21 13 23-2199	EA	2" Copper Cap, Grooved	99.33	8.68
23 21 13 23-2200	EA	2-1/2" Copper Cap, Grooved	142.80	10.60
23 21 13 23-2201	EA	3" Copper Cap, Grooved	176.22	12.61
23 21 13 23-2202	EA	4" Copper Cap, Grooved	260.30	16.84
23 21 13 23-2203	EA	5" Copper Cap, Grooved	443.88	21.09
23 21 13 23-2204	EA	6" Copper Cap, Grooved	517.54	27.54
23 21 13 23-2205		**Grooved Valves** *(23 21 13 23-2122)*		
23 21 13 23-2206		**Grooved Butterfly Valves, Standard Trim, Without Operator** *(23 21 13 23-2205)*		
		Note: Copper body.		
23 21 13 23-2207	EA	2" Butterfly Valve, Grooved, With Standard Trim, Without Operator, Copper Body	478.28	11.33
		For Chain Wheel, Add	*43.45*	
		For Valve Bracket Insulation, Add	*38.20*	
23 21 13 23-2208	EA	3" Butterfly Valve, Grooved, With Standard Trim, Without Operator, Copper Body	543.93	16.84
		For Chain Wheel, Add	*43.45*	
		For Valve Bracket Insulation, Add	*38.20*	
23 21 13 23-2209	EA	4" Butterfly Valve, Grooved, With Standard Trim, Without Operator, Copper Body	719.02	22.14
		For Chain Wheel, Add	*43.45*	
		For Valve Bracket Insulation, Add	*38.20*	
23 21 13 23-2210	EA	6" Butterfly Valve, Grooved, With Standard Trim, Without Operator, Copper Body	959.34	36.34
		For Chain Wheel, Add	*43.45*	
		For Valve Bracket Insulation, Add	*38.20*	
23 21 13 23-2211	EA	8" Butterfly Valve, Grooved, With Standard Trim, Without Operator, Copper Body	1,057.41	51.07
		For Chain Wheel, Add	*43.45*	
		For Valve Bracket Insulation, Add	*38.20*	
23 21 13 23-2212		**Grooved Butterfly Valves, Standard Trim, With Operator** *(23 21 13 23-2205)*		
		Note: Copper body.		
23 21 13 23-2213	EA	2" Butterfly Valve, Grooved, With Standard Trim, With Operator, Copper Body	584.34	11.33
		For Chain Wheel, Add	*43.45*	
		For Valve Bracket Insulation, Add	*38.20*	
23 21 13 23-2214	EA	3" Butterfly Valve, Grooved, With Standard Trim, With Operator, Copper Body	650.06	16.84
		For Chain Wheel, Add	*43.45*	
		For Valve Bracket Insulation, Add	*38.20*	
23 21 13 23-2215	EA	4" Butterfly Valve, Grooved, With Standard Trim, With Operator, Copper Body	825.15	22.14
		For Chain Wheel, Add	*43.45*	
		For Valve Bracket Insulation, Add	*38.20*	

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23 21 13 23-2216	EA	6" Butterfly Valve, Grooved, With Standard Trim, With Operator, Copper Body	1,065.54	36.34
		For Chain Wheel, Add	*43.45*	
		For Valve Bracket Insulation, Add	*38.20*	
23 21 13 23-2217	EA	8" Butterfly Valve, Grooved, With Standard Trim, With Operator, Copper Body	1,163.54	51.07
		For Chain Wheel, Add	*43.45*	
		For Valve Bracket Insulation, Add	*38.20*	

23 21 13 23-2218 Polyvinylidene Fluoride (PVDF), Socket Weld *(23 21 13 23)*

23 21 13 23-2219 Pipe *(23 21 13 23-2218)*

23 21 13 23-2220	LF	1/2" Pipe Schedule 40 Polyvinylidene Fluoride (PVDF) Socket Weld	34.72	3.07
23 21 13 23-2221	LF	3/4" Pipe Schedule 40 Polyvinylidene Fluoride (PVDF) Socket Weld	46.45	3.82
23 21 13 23-2222	LF	1" Pipe Schedule 40 Polyvinylidene Fluoride (PVDF) Socket Weld	65.45	4.03
23 21 13 23-2223	LF	1-1/2" Schedule 40 Polyvinylidene Fluoride (PVDF) Socket Weld	91.45	4.45
23 21 13 23-2224	LF	2" Pipe Schedule 40 Polyvinylidene Fluoride (PVDF) Socket Weld	115.86	5.30

23 21 13 23-2225 90 Degree Elbows *(23 21 13 23-2218)*

23 21 13 23-2226	EA	1/2" 90 Degree Elbow, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	48.05	11.33
23 21 13 23-2227	EA	3/4" 90 Degree Elbow, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	64.16	15.15
23 21 13 23-2228	EA	1" 90 Degree Elbow, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	107.10	18.86
23 21 13 23-2229	EA	1-1/2" 90 Degree Elbow, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	186.28	30.09
23 21 13 23-2230	EA	2" 90 Degree Elbow, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	243.02	38.25

23 21 13 23-2231 45 Degree Elbows *(23 21 13 23-2218)*

23 21 13 23-2232	EA	1/2" 45 Degree Elbow, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	55.86	11.44
23 21 13 23-2233	EA	3/4" 45 Degree Elbow, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	75.16	15.15
23 21 13 23-2234	EA	1" 45 Degree Elbow, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	107.10	18.86
23 21 13 23-2235	EA	1-1/2" 45 Degree Elbow, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	159.95	30.09
23 21 13 23-2236	EA	2" 45 Degree Elbow, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	236.08	38.25

23 21 13 23-2237 Tees *(23 21 13 23-2218)*

23 21 13 23-2238	EA	1/2" Tee, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	89.60	18.86
23 21 13 23-2239	EA	3/4" Tee, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	99.28	22.78
23 21 13 23-2240	EA	1" Tee, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	144.32	30.09
23 21 13 23-2241	EA	1-1/2" Tee, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	238.19	45.56
23 21 13 23-2242	EA	2" Tee, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	352.11	56.58

23 21 13 23-2243 Reducing Tees *(23 21 13 23-2218)*

23 21 13 23-2244	EA	3/4" x 1/2" Reducing Tees, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	102.09	21.19
23 21 13 23-2245	EA	1" x 1/2" Reducing Insert, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	143.83	24.69
23 21 13 23-2246	EA	1" x 3/4" Reducing Insert, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	147.02	26.81
23 21 13 23-2247	EA	1-1/2" x 1" Reducing Tees, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	253.97	38.14
23 21 13 23-2248	EA	2" x 1-1/2" Reducing Tees, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	381.54	50.85

23 21 13 23-2249 Socket Weld Reducing Couplings *(23 21 13 23-2218)*

23 21 13 23-2250	EA	3/4" x 1/2" Reducing Coupling, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	54.56	13.46
23 21 13 23-2251	EA	1" x 1/2" Reducing Coupling, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	70.17	15.57
23 21 13 23-2252	EA	1" x 3/4" Reducing Coupling, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	77.12	17.69
23 21 13 23-2253	EA	1-1/2" x 1/2" Reducing Coupling, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	118.58	21.19
23 21 13 23-2254	EA	1-1/2" x 3/4" Reducing Coupling, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	126.69	23.31
23 21 13 23-2255	EA	1-1/2" x 1" Reducing Coupling, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	128.80	24.69
23 21 13 23-2256	EA	2" x 1-1/2" Reducing Coupling, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	181.54	34.65

23 21 13 23-2257 Male Adapters, Socket Weld X Male Thread *(23 21 13 23-2218)*

23 21 13 23-2258	EA	1/2" Male Adapter, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	78.43	11.44
23 21 13 23-2259	EA	3/4" Male Adapter, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	100.04	15.15
23 21 13 23-2260	EA	1" Male Adapter, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	115.06	18.86
23 21 13 23-2261	EA	1-1/2" Male Adapter, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	146.93	30.09
23 21 13 23-2262	EA	2" Male Adapter, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	199.86	38.14

23 21 13 23-2263 Female Adapters, Socket Weld X Female Thread *(23 21 13 23-2218)*

23 21 13 23-2264	EA	1/2" Female Adapter, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	78.43	11.44
23 21 13 23-2265	EA	3/4" Female Adapter, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	100.33	15.15
23 21 13 23-2266	EA	1" Female Adapter, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	115.06	18.86
23 21 13 23-2267	EA	1-1/2" Female Adapter, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	146.93	30.09
23 21 13 23-2268	EA	2" Female Adapter, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	199.91	38.25

23 21 13 23-2269 Socket Weld Couplings *(23 21 13 23-2218)*

23 21 13 23-2270	EA	1/2" Coupling, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	38.79	11.44
23 21 13 23-2271	EA	3/4" Coupling, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	49.70	15.15
23 21 13 23-2272	EA	1" Coupling, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	64.43	18.86

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23 21 13 23-2273	EA	1-1/2" Coupling, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	120.31	30.09
23 21 13 23-2274	EA	2" Coupling, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	165.77	38.25
23 21 13 23-2275		**Socket Weld Unions** *(23 21 13 23-2218)*		
23 21 13 23-2276	EA	1/2" Union, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	162.80	18.86
23 21 13 23-2277	EA	3/4" Union, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	195.05	22.78
23 21 13 23-2278	EA	1" Union, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	281.47	30.09
23 21 13 23-2279	EA	1-1/2" Union, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	495.12	45.56
23 21 13 23-2280	EA	2" Union, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	609.90	56.58
23 21 13 23-2281		**Caps** *(23 21 13 23-2218)*		
23 21 13 23-2282	EA	1/2" Cap, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	29.97	5.67
23 21 13 23-2283	EA	3/4" Cap, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	42.49	7.59
23 21 13 23-2284	EA	1" Cap, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	53.44	9.39
23 21 13 23-2285	EA	1-1/2" Cap, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	94.88	15.01
23 21 13 23-2286	EA	2" Cap, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	135.09	19.05
23 21 13 23-2287		**150 LB Socket Weld Flanges** *(23 21 13 23-2218)*		
23 21 13 23-2288	EA	1/2" Flange, 150 LB Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	109.56	19.07
23 21 13 23-2289	EA	3/4" Flange, 150 LB Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	138.34	22.57
23 21 13 23-2290	EA	1" Flange, 150 LB Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	182.22	30.40
23 21 13 23-2291	EA	1-1/2" Flange, 150 LB Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	262.20	45.98
23 21 13 23-2292	EA	2" Flange, 150 LB Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	417.50	56.58
23 21 13 23-2293		**Polyvinyl Chloride (PVC) Pressure Pipe And Fittings** *(23 21 13 23)*		
		Note: Socket or back weld.		
23 21 13 23-2294		**Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe And Fittings** *(23 21 13 23-2293)*		
		Note: ASTM D1785 with D2466 fittings.		
23 21 13 23-2295		**Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe** *(23 21 13 23-2294)*		
23 21 13 23-2296	LF	1/2" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe	5.31	3.03
		For Work In Restricted Working Space, Add	*1.36*	
23 21 13 23-2297	LF	3/4" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe	6.67	3.78
		For Work In Restricted Working Space, Add	*1.70*	
23 21 13 23-2298	LF	1" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe	7.48	4.04
		For Work In Restricted Working Space, Add	*1.82*	
23 21 13 23-2299	LF	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe	8.39	4.34
		For Work In Restricted Working Space, Add	*1.96*	
23 21 13 23-2300	LF	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe	8.77	4.42
		For Work In Restricted Working Space, Add	*1.99*	
23 21 13 23-2301	LF	2" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe	10.86	5.29
		For Work In Restricted Working Space, Add	*2.38*	
23 21 13 23-2302	LF	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe	14.05	6.29
		For Work In Restricted Working Space, Add	*2.83*	
23 21 13 23-2303	LF	3" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe	17.40	7.60
		For Work In Restricted Working Space, Add	*3.42*	
23 21 13 23-2304	LF	4" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe	25.75	11.39
		For Work In Restricted Working Space, Add	*5.13*	
23 21 13 23-2305	LF	6" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe	37.90	15.19
		For Work In Restricted Working Space, Add	*6.84*	
23 21 13 23-2306	LF	8" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe	50.11	18.10
		For Work In Restricted Working Space, Add	*8.15*	
23 21 13 23-2307	LF	10" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe	100.55	20.23
		For Work In Restricted Working Space, Add	*9.09*	
23 21 13 23-2308		**Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows** *(23 21 13 23-2294)*		
23 21 13 23-2309	EA	1/2" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows	17.92	11.44
		For Work In Restricted Working Space, Add	*5.13*	
23 21 13 23-2310	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows	23.96	15.15
		For Work In Restricted Working Space, Add	*6.84*	
23 21 13 23-2311	EA	1" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows	30.34	18.86
		For Work In Restricted Working Space, Add	*8.48*	
23 21 13 23-2312	EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows	43.81	26.70
		For Work In Restricted Working Space, Add	*11.99*	
23 21 13 23-2313	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows	49.16	30.09
		For Work In Restricted Working Space, Add	*13.52*	
23 21 13 23-2314	EA	2" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows	63.68	38.25
		For Work In Restricted Working Space, Add	*17.18*	
23 21 13 23-2315	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows	104.24	56.58
		For Work In Restricted Working Space, Add	*25.43*	
23 21 13 23-2316	EA	3" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows	134.92	74.38
		For Work In Restricted Working Space, Add	*33.46*	
23 21 13 23-2317	EA	4" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows	174.24	88.36
		For Work In Restricted Working Space, Add	*39.74*	
23 21 13 23-2318	EA	6" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows	251.44	100.97
		For Work In Restricted Working Space, Add	*45.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2319	EA	8" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows	434.26	117.82
		For Work In Restricted Working Space, Add	*52.98*	
23 21 13 23-2320	EA	10" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows	649.43	175.67
		For Work In Restricted Working Space, Add	*78.99*	

23 21 13 23-2321 Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows *(23 21 13 23-2294)*

23 21 13 23-2322	EA	1/2" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows	18.34	11.44
		For Work In Restricted Working Space, Add	*5.13*	
23 21 13 23-2323	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows	24.79	15.15
		For Work In Restricted Working Space, Add	*6.84*	
23 21 13 23-2324	EA	1" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows	31.51	18.86
		For Work In Restricted Working Space, Add	*8.48*	
23 21 13 23-2325	EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows	44.56	26.70
		For Work In Restricted Working Space, Add	*11.99*	
23 21 13 23-2326	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows	50.82	30.09
		For Work In Restricted Working Space, Add	*13.52*	
23 21 13 23-2327	EA	2" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows	64.76	38.25
		For Work In Restricted Working Space, Add	*17.18*	
23 21 13 23-2328	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows	104.24	56.58
		For Work In Restricted Working Space, Add	*25.43*	
23 21 13 23-2329	EA	3" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows	141.92	74.38
		For Work In Restricted Working Space, Add	*33.46*	
23 21 13 23-2330	EA	4" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows	186.98	88.36
		For Work In Restricted Working Space, Add	*39.74*	
23 21 13 23-2331	EA	6" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows	252.61	100.97
		For Work In Restricted Working Space, Add	*45.41*	
23 21 13 23-2332	EA	8" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows	420.19	117.82
		For Work In Restricted Working Space, Add	*52.98*	
23 21 13 23-2333	EA	10" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows	649.43	175.67
		For Work In Restricted Working Space, Add	*78.99*	

23 21 13 23-2334 Schedule 40 Polyvinyl Chloride (PVC) Tees *(23 21 13 23-2294)*

23 21 13 23-2335	EA	1/2" Schedule 40 Polyvinyl Chloride (PVC) Tees	29.26	18.86
		For Work In Restricted Working Space, Add	*8.48*	
23 21 13 23-2336	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) Tees	35.26	22.78
		For Work In Restricted Working Space, Add	*10.25*	
23 21 13 23-2337	EA	1" Schedule 40 Polyvinyl Chloride (PVC) Tees	47.16	30.09
		For Work In Restricted Working Space, Add	*13.52*	
23 21 13 23-2338	EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Tees	60.60	38.25
		For Work In Restricted Working Space, Add	*17.18*	
23 21 13 23-2339	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Tees	72.43	45.56
		For Work In Restricted Working Space, Add	*20.51*	
23 21 13 23-2340	EA	2" Schedule 40 Polyvinyl Chloride (PVC) Tees	90.67	56.58
		For Work In Restricted Working Space, Add	*25.43*	
23 21 13 23-2341	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Tees	131.18	74.38
		For Work In Restricted Working Space, Add	*33.46*	
23 21 13 23-2342	EA	3" Schedule 40 Polyvinyl Chloride (PVC) Tees	158.18	88.36
		For Work In Restricted Working Space, Add	*39.74*	
23 21 13 23-2343	EA	4" Schedule 40 Polyvinyl Chloride (PVC) Tees	223.21	117.82
		For Work In Restricted Working Space, Add	*52.98*	
23 21 13 23-2344	EA	6" Schedule 40 Polyvinyl Chloride (PVC) Tees	385.04	151.94
		For Work In Restricted Working Space, Add	*68.36*	
23 21 13 23-2345	EA	8" Schedule 40 Polyvinyl Chloride (PVC) Tees	647.19	188.49
		For Work In Restricted Working Space, Add	*84.76*	
23 21 13 23-2346	EA	10" Schedule 40 Polyvinyl Chloride (PVC) Tees	1,849.12	281.62
		For Work In Restricted Working Space, Add	*126.68*	

23 21 13 23-2347 Schedule 40 Polyvinyl Chloride (PVC) Crosses *(23 21 13 23-2294)*

23 21 13 23-2348	EA	1/2" Schedule 40 Polyvinyl Chloride (PVC) Crosses	36.89	23.52
		For Work In Restricted Working Space, Add	*10.60*	
23 21 13 23-2349	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) Crosses	44.42	28.50
		For Work In Restricted Working Space, Add	*12.82*	
23 21 13 23-2350	EA	1" Schedule 40 Polyvinyl Chloride (PVC) Crosses	59.63	37.62
		For Work In Restricted Working Space, Add	*16.91*	
23 21 13 23-2351	EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Crosses	76.81	47.78
		For Work In Restricted Working Space, Add	*21.48*	
23 21 13 23-2352	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Crosses	91.84	57.00
		For Work In Restricted Working Space, Add	*25.64*	
23 21 13 23-2353	EA	2" Schedule 40 Polyvinyl Chloride (PVC) Crosses	115.22	70.67
		For Work In Restricted Working Space, Add	*31.79*	
23 21 13 23-2354	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Crosses	170.21	93.03
		For Work In Restricted Working Space, Add	*41.82*	
23 21 13 23-2355	EA	3" Schedule 40 Polyvinyl Chloride (PVC) Crosses	205.87	110.40
		For Work In Restricted Working Space, Add	*49.67*	
23 21 13 23-2356	EA	4" Schedule 40 Polyvinyl Chloride (PVC) Crosses	293.83	147.27
		For Work In Restricted Working Space, Add	*66.22*	
23 21 13 23-2357	EA	6" Schedule 40 Polyvinyl Chloride (PVC) Crosses	531.10	189.87
		For Work In Restricted Working Space, Add	*85.41*	
23 21 13 23-2358	EA	8" Schedule 40 Polyvinyl Chloride (PVC) Crosses	924.61	235.42
		For Work In Restricted Working Space, Add	*105.90*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2359	EA	10" Schedule 40 Polyvinyl Chloride (PVC) Crosses	2,764.83	352.18
		For Work In Restricted Working Space, Add	*158.42*	

23 21 13 23-2360 Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts *(23 21 13 23-2294)*

23 21 13 23-2361	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts	18.48	11.66
		For Work In Restricted Working Space, Add	*5.32*	
23 21 13 23-2362	EA	1" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts	24.27	14.94
		For Work In Restricted Working Space, Add	*6.81*	
23 21 13 23-2363	EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts	32.40	20.03
		For Work In Restricted Working Space, Add	*9.10*	
23 21 13 23-2364	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts	39.97	24.90
		For Work In Restricted Working Space, Add	*11.34*	
23 21 13 23-2365	EA	2" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts	49.16	29.98
		For Work In Restricted Working Space, Add	*13.65*	
23 21 13 23-2366	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts	68.95	41.64
		For Work In Restricted Working Space, Add	*18.94*	
23 21 13 23-2367	EA	3" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts	95.98	57.53
		For Work In Restricted Working Space, Add	*26.17*	
23 21 13 23-2368	EA	4" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts	128.16	71.52
		For Work In Restricted Working Space, Add	*32.53*	
23 21 13 23-2369	EA	6" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts	175.17	83.28
		For Work In Restricted Working Space, Add	*37.84*	
23 21 13 23-2370	EA	8" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts	427.70	96.21
		For Work In Restricted Working Space, Add	*43.73*	
23 21 13 23-2371	EA	10" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts	508.49	129.05
		For Work In Restricted Working Space, Add	*58.65*	

23 21 13 23-2372 Schedule 40 Polyvinyl Chloride (PVC) Threaded Reducing Inserts *(23 21 13 23-2294)*

23 21 13 23-2373	EA	1/2" Schedule 40 Polyvinyl Chloride (PVC) Threaded Reducing Inserts	18.84	11.44
		For Work In Restricted Working Space, Add	*5.13*	
23 21 13 23-2374	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) Threaded Reducing Inserts	24.54	15.15
		For Work In Restricted Working Space, Add	*6.84*	
23 21 13 23-2375	EA	1" Schedule 40 Polyvinyl Chloride (PVC) Threaded Reducing Inserts	30.42	18.86
		For Work In Restricted Working Space, Add	*8.48*	
23 21 13 23-2376	EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Threaded Reducing Inserts	43.31	26.70
		For Work In Restricted Working Space, Add	*11.99*	
23 21 13 23-2377	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Threaded Reducing Inserts	48.91	30.09
		For Work In Restricted Working Space, Add	*13.52*	
23 21 13 23-2378	EA	2" Schedule 40 Polyvinyl Chloride (PVC) Threaded Reducing Inserts	62.51	38.25
		For Work In Restricted Working Space, Add	*17.18*	
23 21 13 23-2379	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Threaded Reducing Inserts	92.34	56.58
		For Work In Restricted Working Space, Add	*25.43*	
23 21 13 23-2380	EA	3" Schedule 40 Polyvinyl Chloride (PVC) Threaded Reducing Inserts	120.27	74.38
		For Work In Restricted Working Space, Add	*33.46*	
23 21 13 23-2381	EA	4" Schedule 40 Polyvinyl Chloride (PVC) Threaded Reducing Inserts	152.18	88.36
		For Work In Restricted Working Space, Add	*39.74*	

23 21 13 23-2382 Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters *(23 21 13 23-2294)*

23 21 13 23-2383	EA	1/2" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	19.42	11.44
		For Work In Restricted Working Space, Add	*5.13*	
23 21 13 23-2384	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	25.12	15.15
		For Work In Restricted Working Space, Add	*6.84*	
23 21 13 23-2385	EA	1" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	31.59	18.86
		For Work In Restricted Working Space, Add	*8.48*	
23 21 13 23-2386	EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	43.98	26.70
		For Work In Restricted Working Space, Add	*11.99*	
23 21 13 23-2387	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	50.41	30.09
		For Work In Restricted Working Space, Add	*13.52*	
23 21 13 23-2388	EA	2" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	63.85	38.25
		For Work In Restricted Working Space, Add	*17.18*	
23 21 13 23-2389	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	93.83	56.58
		For Work In Restricted Working Space, Add	*25.43*	
23 21 13 23-2390	EA	3" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	124.85	74.38
		For Work In Restricted Working Space, Add	*33.46*	
23 21 13 23-2391	EA	4" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	149.52	88.36
		For Work In Restricted Working Space, Add	*39.74*	

23 21 13 23-2392 Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters *(23 21 13 23-2294)*

23 21 13 23-2393	EA	1/2" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	17.92	11.44
		For Work In Restricted Working Space, Add	*5.13*	
23 21 13 23-2394	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	23.87	15.15
		For Work In Restricted Working Space, Add	*6.84*	
23 21 13 23-2395	EA	1" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	29.51	18.86
		For Work In Restricted Working Space, Add	*8.48*	
23 21 13 23-2396	EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	41.98	26.70
		For Work In Restricted Working Space, Add	*11.99*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2397	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	47.41	30.09
		For Work In Restricted Working Space, Add	*13.52*	
23 21 13 23-2398	EA	2" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	60.43	38.25
		For Work In Restricted Working Space, Add	*17.18*	
23 21 13 23-2399	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	98.49	56.58
		For Work In Restricted Working Space, Add	*25.43*	
23 21 13 23-2400	EA	3" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	130.01	74.38
		For Work In Restricted Working Space, Add	*33.46*	
23 21 13 23-2401	EA	4" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	163.00	88.36
		For Work In Restricted Working Space, Add	*39.74*	
23 21 13 23-2402		**Schedule 40 Polyvinyl Chloride (PVC) P-Traps** *(23 21 13 23-2294)*		
23 21 13 23-2403	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) P-Traps	29.39	15.57
		For Work In Restricted Working Space, Add	*6.99*	
23 21 13 23-2404		**Schedule 40 Polyvinyl Chloride (PVC) Couplings** *(23 21 13 23-2294)*		
23 21 13 23-2405	EA	1/2" Schedule 40 Polyvinyl Chloride (PVC) Couplings	17.59	11.44
		For Work In Restricted Working Space, Add	*5.13*	
23 21 13 23-2406	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) Couplings	23.46	15.15
		For Work In Restricted Working Space, Add	*6.84*	
23 21 13 23-2407	EA	1" Schedule 40 Polyvinyl Chloride (PVC) Couplings	29.51	18.86
		For Work In Restricted Working Space, Add	*8.48*	
23 21 13 23-2408	EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Couplings	41.65	26.70
		For Work In Restricted Working Space, Add	*11.99*	
23 21 13 23-2409	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Couplings	46.91	30.09
		For Work In Restricted Working Space, Add	*13.52*	
23 21 13 23-2410	EA	2" Schedule 40 Polyvinyl Chloride (PVC) Couplings	60.10	38.25
		For Work In Restricted Working Space, Add	*17.18*	
23 21 13 23-2411	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Couplings	91.09	56.58
		For Work In Restricted Working Space, Add	*25.43*	
23 21 13 23-2412	EA	3" Schedule 40 Polyvinyl Chloride (PVC) Couplings	121.44	74.38
		For Work In Restricted Working Space, Add	*33.46*	
23 21 13 23-2413	EA	4" Schedule 40 Polyvinyl Chloride (PVC) Couplings	146.85	88.36
		For Work In Restricted Working Space, Add	*39.74*	
23 21 13 23-2414	EA	6" Schedule 40 Polyvinyl Chloride (PVC) Couplings	196.99	100.97
		For Work In Restricted Working Space, Add	*45.41*	
23 21 13 23-2415	EA	8" Schedule 40 Polyvinyl Chloride (PVC) Couplings	261.84	117.82
		For Work In Restricted Working Space, Add	*52.98*	
23 21 13 23-2416	EA	10" Schedule 40 Polyvinyl Chloride (PVC) Couplings	580.56	126.30
		For Work In Restricted Working Space, Add	*56.78*	
23 21 13 23-2417		**Schedule 40 Polyvinyl Chloride (PVC) Unions** *(23 21 13 23-2294)*		
23 21 13 23-2418	EA	1/2" Schedule 40 Polyvinyl Chloride (PVC) Unions	37.30	18.86
		For Work In Restricted Working Space, Add	*8.48*	
23 21 13 23-2419	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) Unions	48.25	22.78
		For Work In Restricted Working Space, Add	*10.25*	
23 21 13 23-2420	EA	1" Schedule 40 Polyvinyl Chloride (PVC) Unions	60.81	30.09
		For Work In Restricted Working Space, Add	*13.52*	
23 21 13 23-2421	EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Unions	95.57	38.25
		For Work In Restricted Working Space, Add	*17.18*	
23 21 13 23-2422	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Unions	108.31	45.56
		For Work In Restricted Working Space, Add	*20.51*	
23 21 13 23-2423	EA	2" Schedule 40 Polyvinyl Chloride (PVC) Unions	138.62	56.58
		For Work In Restricted Working Space, Add	*25.43*	
23 21 13 23-2424	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Unions	209.27	74.38
		For Work In Restricted Working Space, Add	*33.46*	
23 21 13 23-2425	EA	3" Schedule 40 Polyvinyl Chloride (PVC) Unions	236.02	88.36
		For Work In Restricted Working Space, Add	*39.74*	
23 21 13 23-2426	EA	4" Schedule 40 Polyvinyl Chloride (PVC) Unions	381.97	117.82
		For Work In Restricted Working Space, Add	*52.98*	
23 21 13 23-2427	EA	6" Schedule 40 Polyvinyl Chloride (PVC) Unions	503.07	151.94
		For Work In Restricted Working Space, Add	*68.33*	
23 21 13 23-2428	EA	8" Schedule 40 Polyvinyl Chloride (PVC) Unions	736.60	188.39
		For Work In Restricted Working Space, Add	*84.72*	
23 21 13 23-2429	EA	10" Schedule 40 Polyvinyl Chloride (PVC) Unions	1,099.32	233.84
		For Work In Restricted Working Space, Add	*105.20*	
23 21 13 23-2430		**Schedule 40 Polyvinyl Chloride (PVC) Caps** *(23 21 13 23-2294)*		
23 21 13 23-2431	EA	1/2" Schedule 40 Polyvinyl Chloride (PVC) Caps	8.45	5.14
		For Work In Restricted Working Space, Add	*2.33*	
23 21 13 23-2432	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) Caps	11.09	6.78
		For Work In Restricted Working Space, Add	*3.08*	
23 21 13 23-2433	EA	1" Schedule 40 Polyvinyl Chloride (PVC) Caps	14.04	8.37
		For Work In Restricted Working Space, Add	*3.81*	
23 21 13 23-2434	EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Caps	20.01	11.99
		For Work In Restricted Working Space, Add	*5.45*	
23 21 13 23-2435	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Caps	22.29	13.35
		For Work In Restricted Working Space, Add	*6.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2436	EA	2" Schedule 40 Polyvinyl Chloride (PVC) Caps	28.18	17.06
		For Work In Restricted Working Space, Add	*7.73*	
23 21 13 23-2437	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Caps	46.05	25.22
		For Work In Restricted Working Space, Add	*11.44*	
23 21 13 23-2438	EA	3" Schedule 40 Polyvinyl Chloride (PVC) Caps	58.76	33.16
		For Work In Restricted Working Space, Add	*15.06*	
23 21 13 23-2439	EA	4" Schedule 40 Polyvinyl Chloride (PVC) Caps	79.25	39.31
		For Work In Restricted Working Space, Add	*17.88*	
23 21 13 23-2440	EA	6" Schedule 40 Polyvinyl Chloride (PVC) Caps	115.16	44.92
		For Work In Restricted Working Space, Add	*20.44*	
23 21 13 23-2441	EA	8" Schedule 40 Polyvinyl Chloride (PVC) Caps	236.82	52.45
		For Work In Restricted Working Space, Add	*23.84*	
23 21 13 23-2442	EA	10" Schedule 40 Polyvinyl Chloride (PVC) Caps	700.67	78.20
		For Work In Restricted Working Space, Add	*35.54*	

23 21 13 23-2443 Schedule 40 Polyvinyl Chloride (PVC) 150 LB Flanges *(23 21 13 23-2294)*

23 21 13 23-2444	EA	1/2" Schedule 40 Polyvinyl Chloride (PVC) 150 LB Socket Weld Flanges	44.99	18.86
		For Work In Restricted Working Space, Add	*8.48*	
23 21 13 23-2445	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) 150 LB Flanges	59.82	22.78
		For Work In Restricted Working Space, Add	*10.25*	
23 21 13 23-2446	EA	1" Schedule 40 Polyvinyl Chloride (PVC) 150 LB Flanges	73.63	30.09
		For Work In Restricted Working Space, Add	*13.52*	
23 21 13 23-2447	EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) 150 LB Flanges	86.66	38.25
		For Work In Restricted Working Space, Add	*17.18*	
23 21 13 23-2448	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) 150 LB Flanges	98.40	45.56
		For Work In Restricted Working Space, Add	*20.51*	
23 21 13 23-2449	EA	2" Schedule 40 Polyvinyl Chloride (PVC) 150 LB Flanges	124.72	56.58
		For Work In Restricted Working Space, Add	*25.43*	
23 21 13 23-2450	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) 150 LB Flanges	173.22	74.38
		For Work In Restricted Working Space, Add	*33.46*	
23 21 13 23-2451	EA	3" Schedule 40 Polyvinyl Chloride (PVC) 150 LB Flanges	200.55	88.36
		For Work In Restricted Working Space, Add	*39.74*	
23 21 13 23-2452	EA	4" Schedule 40 Polyvinyl Chloride (PVC) 150 LB Flanges	262.84	117.82
		For Work In Restricted Working Space, Add	*52.98*	
23 21 13 23-2453	EA	6" Schedule 40 Polyvinyl Chloride (PVC) 150 LB Flanges	363.37	151.94
		For Work In Restricted Working Space, Add	*68.33*	
23 21 13 23-2454	EA	8" Schedule 40 Polyvinyl Chloride (PVC) 150 LB Flanges	588.33	188.39
		For Work In Restricted Working Space, Add	*84.72*	
23 21 13 23-2455	EA	10" Schedule 40 Polyvinyl Chloride (PVC) 150 LB Flanges	1,039.66	233.52
		For Work In Restricted Working Space, Add	*105.03*	

23 21 13 23-2456 Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe And Fittings *(23 21 13 23-2293)*

Note: ASTM D1785 with D2467 fittings.

23 21 13 23-2457 Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe *(23 21 13 23-2456)*

23 21 13 23-2458	LF	1/2" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe	5.53	3.07
		For Work In Restricted Working Space, Add	*1.36*	
23 21 13 23-2459	LF	3/4" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe	6.95	3.82
		For Work In Restricted Working Space, Add	*1.70*	
23 21 13 23-2460	LF	1" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe	8.68	4.55
		For Work In Restricted Working Space, Add	*2.04*	
23 21 13 23-2461	LF	1-1/4" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe	10.51	5.30
		For Work In Restricted Working Space, Add	*2.39*	
23 21 13 23-2462	LF	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe	12.13	6.03
		For Work In Restricted Working Space, Add	*2.73*	
23 21 13 23-2463	LF	2" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe	15.80	7.63
		For Work In Restricted Working Space, Add	*3.42*	
23 21 13 23-2464	LF	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe	19.10	8.37
		For Work In Restricted Working Space, Add	*3.76*	
23 21 13 23-2465	LF	3" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe	22.38	9.11
		For Work In Restricted Working Space, Add	*4.10*	
23 21 13 23-2466	LF	4" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe	29.88	11.44
		For Work In Restricted Working Space, Add	*5.13*	
23 21 13 23-2467	LF	6" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe	47.11	15.15
		For Work In Restricted Working Space, Add	*6.84*	
23 21 13 23-2468	LF	8" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe	64.23	18.11
		For Work In Restricted Working Space, Add	*8.15*	
23 21 13 23-2469	LF	10" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe	143.41	19.49
		For Work In Restricted Working Space, Add	*8.78*	

23 21 13 23-2470 Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows *(23 21 13 23-2456)*

23 21 13 23-2471	EA	1/2" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows	20.09	11.44
		For Work In Restricted Working Space, Add	*5.13*	
		For Threaded Fittings, Add	*2.56*	
23 21 13 23-2472	EA	3/4" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows	26.70	15.15
		For Work In Restricted Working Space, Add	*6.84*	
		For Threaded Fittings, Add	*3.42*	
23 21 13 23-2473	EA	1" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows	34.59	18.86
		For Work In Restricted Working Space, Add	*8.48*	
		For Threaded Fittings, Add	*4.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2474	EA	1-1/4" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows	48.39	26.70
		For Work In Restricted Working Space, Add	*11.99*	
		For Threaded Fittings, Add	*6.00*	
23 21 13 23-2475	EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows	54.07	30.09
		For Work In Restricted Working Space, Add	*13.52*	
		For Threaded Fittings, Add	*6.76*	
23 21 13 23-2476	EA	2" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows	68.18	38.25
		For Work In Restricted Working Space, Add	*17.18*	
		For Threaded Fittings, Add	*8.59*	
23 21 13 23-2477	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows	110.32	56.58
		For Work In Restricted Working Space, Add	*25.43*	
		For Threaded Fittings, Add	*12.71*	
23 21 13 23-2478	EA	3" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows	140.25	74.38
		For Work In Restricted Working Space, Add	*33.46*	
		For Threaded Fittings, Add	*16.73*	
23 21 13 23-2479	EA	4" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows	176.07	88.36
		For Work In Restricted Working Space, Add	*39.74*	
		For Threaded Fittings, Add	*19.87*	
23 21 13 23-2480	EA	6" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows	308.97	100.97
		For Work In Restricted Working Space, Add	*45.41*	
		For Threaded Fittings, Add	*22.71*	
23 21 13 23-2481	EA	8" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows	519.18	117.82
		For Work In Restricted Working Space, Add	*52.98*	
		For Threaded Fittings, Add	*26.49*	
23 21 13 23-2482	EA	10" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows	649.43	175.67
		For Work In Restricted Working Space, Add	*78.99*	
		For Threaded Fittings, Add	*39.50*	
23 21 13 23-2483		**Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows** *(23 21 13 23-2456)*		
23 21 13 23-2484	EA	1/2" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows	22.83	11.44
		For Work In Restricted Working Space, Add	*5.13*	
		For Threaded Fittings, Add	*2.56*	
23 21 13 23-2485	EA	3/4" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows	31.53	15.15
		For Work In Restricted Working Space, Add	*6.84*	
		For Threaded Fittings, Add	*3.42*	
23 21 13 23-2486	EA	1" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows	41.41	18.86
		For Work In Restricted Working Space, Add	*8.48*	
		For Threaded Fittings, Add	*4.24*	
23 21 13 23-2487	EA	1-1/4" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows	56.80	26.70
		For Work In Restricted Working Space, Add	*11.99*	
		For Threaded Fittings, Add	*6.00*	
23 21 13 23-2488	EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows	64.89	30.09
		For Work In Restricted Working Space, Add	*13.52*	
		For Threaded Fittings, Add	*6.76*	
23 21 13 23-2489	EA	2" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows	83.00	38.25
		For Work In Restricted Working Space, Add	*17.18*	
		For Threaded Fittings, Add	*8.59*	
23 21 13 23-2490	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows	138.88	56.58
		For Work In Restricted Working Space, Add	*25.43*	
		For Threaded Fittings, Add	*12.71*	
23 21 13 23-2491	EA	3" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows	177.39	74.38
		For Work In Restricted Working Space, Add	*33.46*	
		For Threaded Fittings, Add	*16.73*	
23 21 13 23-2492	EA	4" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows	251.09	88.36
		For Work In Restricted Working Space, Add	*39.74*	
		For Threaded Fittings, Add	*19.87*	
23 21 13 23-2493	EA	6" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows	300.74	100.97
		For Work In Restricted Working Space, Add	*45.41*	
		For Threaded Fittings, Add	*22.71*	
23 21 13 23-2494	EA	8" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows	500.46	117.82
		For Work In Restricted Working Space, Add	*52.98*	
		For Threaded Fittings, Add	*26.49*	
23 21 13 23-2495	EA	10" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows	628.39	175.67
		For Work In Restricted Working Space, Add	*78.99*	
		For Threaded Fittings, Add	*39.50*	
23 21 13 23-2496		**Schedule 80 Polyvinyl Chloride (PVC) Tees** *(23 21 13 23-2456)*		
23 21 13 23-2497	EA	1/2" Schedule 80 Polyvinyl Chloride (PVC) Tees	35.41	17.90
		For Work In Restricted Working Space, Add	*8.05*	
		For Threaded Fittings, Add	*4.02*	
23 21 13 23-2498	EA	3/4" Schedule 80 Polyvinyl Chloride (PVC) Tees	43.17	22.78
		For Work In Restricted Working Space, Add	*10.25*	
		For Threaded Fittings, Add	*5.13*	
23 21 13 23-2499	EA	1" Schedule 80 Polyvinyl Chloride (PVC) Tees	56.32	30.09
		For Work In Restricted Working Space, Add	*13.52*	
		For Threaded Fittings, Add	*6.76*	
23 21 13 23-2500	EA	1-1/4" Schedule 80 Polyvinyl Chloride (PVC) Tees	88.33	38.25
		For Work In Restricted Working Space, Add	*17.18*	
		For Threaded Fittings, Add	*8.59*	
23 21 13 23-2501	EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Tees	99.41	45.56
		For Work In Restricted Working Space, Add	*20.51*	
		For Threaded Fittings, Add	*10.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2502	EA	2" Schedule 80 Polyvinyl Chloride (PVC) Tees	123.64	56.58
		For Work In Restricted Working Space, Add	*25.43*	
		For Threaded Fittings, Add	*12.71*	
23 21 13 23-2503	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Tees	153.83	74.38
		For Work In Restricted Working Space, Add	*33.46*	
		For Threaded Fittings, Add	*16.73*	
23 21 13 23-2504	EA	3" Schedule 80 Polyvinyl Chloride (PVC) Tees	185.24	88.36
		For Work In Restricted Working Space, Add	*39.74*	
		For Threaded Fittings, Add	*19.87*	
23 21 13 23-2505	EA	4" Schedule 80 Polyvinyl Chloride (PVC) Tees	237.78	117.82
		For Work In Restricted Working Space, Add	*52.98*	
		For Threaded Fittings, Add	*26.49*	
23 21 13 23-2506	EA	6" Schedule 80 Polyvinyl Chloride (PVC) Tees	436.92	151.94
		For Work In Restricted Working Space, Add	*68.36*	
		For Threaded Fittings, Add	*34.18*	
23 21 13 23-2507	EA	8" Schedule 80 Polyvinyl Chloride (PVC) Tees	767.44	188.49
		For Work In Restricted Working Space, Add	*84.76*	
		For Threaded Fittings, Add	*42.38*	
23 21 13 23-2508	EA	10" Schedule 80 Polyvinyl Chloride (PVC) Tees	1,849.22	281.62
		For Work In Restricted Working Space, Add	*126.68*	
		For Threaded Fittings, Add	*63.34*	

23 21 13 23-2509 Schedule 80 Polyvinyl Chloride (PVC) Crosses *(23 21 13 23-2456)*

23 21 13 23-2510	EA	1/2" Schedule 80 Polyvinyl Chloride (PVC) Crosses	46.97	22.35
		For Work In Restricted Working Space, Add	*10.06*	
		For Threaded Fittings, Add	*5.03*	
23 21 13 23-2511	EA	3/4" Schedule 80 Polyvinyl Chloride (PVC) Crosses	56.81	28.50
		For Work In Restricted Working Space, Add	*12.82*	
		For Threaded Fittings, Add	*6.41*	
23 21 13 23-2512	EA	1" Schedule 80 Polyvinyl Chloride (PVC) Crosses	73.98	37.62
		For Work In Restricted Working Space, Add	*16.91*	
		For Threaded Fittings, Add	*8.45*	
23 21 13 23-2513	EA	1-1/4" Schedule 80 Polyvinyl Chloride (PVC) Crosses	120.27	47.78
		For Work In Restricted Working Space, Add	*21.48*	
		For Threaded Fittings, Add	*10.74*	
23 21 13 23-2514	EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Crosses	134.13	57.00
		For Work In Restricted Working Space, Add	*25.64*	
		For Threaded Fittings, Add	*12.82*	
23 21 13 23-2515	EA	2" Schedule 80 Polyvinyl Chloride (PVC) Crosses	166.90	70.67
		For Work In Restricted Working Space, Add	*31.79*	
		For Threaded Fittings, Add	*15.89*	
23 21 13 23-2516	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Crosses	205.72	93.03
		For Work In Restricted Working Space, Add	*41.82*	
		For Threaded Fittings, Add	*20.91*	
23 21 13 23-2517	EA	3" Schedule 80 Polyvinyl Chloride (PVC) Crosses	248.30	110.40
		For Work In Restricted Working Space, Add	*49.67*	
		For Threaded Fittings, Add	*24.83*	
23 21 13 23-2518	EA	4" Schedule 80 Polyvinyl Chloride (PVC) Crosses	316.67	147.27
		For Work In Restricted Working Space, Add	*66.22*	
		For Threaded Fittings, Add	*33.11*	
23 21 13 23-2519	EA	6" Schedule 80 Polyvinyl Chloride (PVC) Crosses	612.43	189.87
		For Work In Restricted Working Space, Add	*85.41*	
		For Threaded Fittings, Add	*42.71*	
23 21 13 23-2520	EA	8" Schedule 80 Polyvinyl Chloride (PVC) Crosses	1,113.11	235.42
		For Work In Restricted Working Space, Add	*105.90*	
		For Threaded Fittings, Add	*52.95*	
23 21 13 23-2521	EA	10" Schedule 80 Polyvinyl Chloride (PVC) Crosses	2,764.98	352.18
		For Work In Restricted Working Space, Add	*158.42*	
		For Threaded Fittings, Add	*79.21*	

23 21 13 23-2522 Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts *(23 21 13 23-2456)*

23 21 13 23-2523	EA	3/4" Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts	24.54	15.15
		For Work In Restricted Working Space, Add	*6.84*	
23 21 13 23-2524	EA	1" Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts	33.34	18.86
		For Work In Restricted Working Space, Add	*8.48*	
23 21 13 23-2525	EA	1-1/4" Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts	47.97	26.70
		For Work In Restricted Working Space, Add	*11.99*	
23 21 13 23-2526	EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts	55.99	30.09
		For Work In Restricted Working Space, Add	*13.52*	
23 21 13 23-2527	EA	2" Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts	72.84	38.25
		For Work In Restricted Working Space, Add	*17.18*	
23 21 13 23-2528	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts	111.73	56.58
		For Work In Restricted Working Space, Add	*25.43*	
23 21 13 23-2529	EA	3" Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts	154.40	74.38
		For Work In Restricted Working Space, Add	*33.46*	
23 21 13 23-2530	EA	4" Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts	191.89	88.36
		For Work In Restricted Working Space, Add	*39.74*	
23 21 13 23-2531	EA	6" Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts	217.30	100.97
		For Work In Restricted Working Space, Add	*45.41*	
23 21 13 23-2532	EA	8" Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts	322.94	117.82
		For Work In Restricted Working Space, Add	*52.98*	
23 21 13 23-2533	EA	10" Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts	518.16	136.79
		For Work In Restricted Working Space, Add	*61.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

23 21 13 23-2534 Schedule 80 Polyvinyl Chloride (PVC) Threaded Reducing Inserts *(23 21 13 23-2456)*

23 21 13 23-2535	EA	1/2" Schedule 80 Polyvinyl Chloride (PVC) Threaded Reducing Inserts	17.67	11.44
		For Work In Restricted Working Space, Add	*5.13*	
23 21 13 23-2536	EA	3/4" Schedule 80 Polyvinyl Chloride (PVC) Threaded Reducing Inserts	26.04	15.15
		For Work In Restricted Working Space, Add	*6.84*	
23 21 13 23-2537	EA	1" Schedule 80 Polyvinyl Chloride (PVC) Threaded Reducing Inserts	33.34	18.86
		For Work In Restricted Working Space, Add	*8.48*	
23 21 13 23-2538	EA	1-1/4" Schedule 80 Polyvinyl Chloride (PVC) Threaded Reducing Inserts	50.30	26.70
		For Work In Restricted Working Space, Add	*11.99*	
23 21 13 23-2539	EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Threaded Reducing Inserts	58.07	30.09
		For Work In Restricted Working Space, Add	*13.52*	
23 21 13 23-2540	EA	2" Schedule 80 Polyvinyl Chloride (PVC) Threaded Reducing Inserts	73.17	38.25
		For Work In Restricted Working Space, Add	*17.18*	
23 21 13 23-2541	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Threaded Reducing Inserts	118.39	56.58
		For Work In Restricted Working Space, Add	*25.43*	
23 21 13 23-2542	EA	3" Schedule 80 Polyvinyl Chloride (PVC) Threaded Reducing Inserts	173.80	74.38
		For Work In Restricted Working Space, Add	*33.46*	
23 21 13 23-2543	EA	4" Schedule 80 Polyvinyl Chloride (PVC) Threaded Reducing Inserts	228.19	88.36
		For Work In Restricted Working Space, Add	*39.74*	

23 21 13 23-2544 Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters *(23 21 13 23-2456)*

23 21 13 23-2545	EA	1/2" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	24.17	11.44
		For Work In Restricted Working Space, Add	*5.13*	
23 21 13 23-2546	EA	3/4" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	30.62	15.15
		For Work In Restricted Working Space, Add	*6.84*	
23 21 13 23-2547	EA	1" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	41.91	18.86
		For Work In Restricted Working Space, Add	*8.48*	
23 21 13 23-2548	EA	1-1/4" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	55.97	26.70
		For Work In Restricted Working Space, Add	*11.99*	
23 21 13 23-2549	EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	68.06	30.09
		For Work In Restricted Working Space, Add	*13.52*	
23 21 13 23-2550	EA	2" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	87.24	38.25
		For Work In Restricted Working Space, Add	*17.18*	
23 21 13 23-2551	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	118.89	56.58
		For Work In Restricted Working Space, Add	*25.43*	
23 21 13 23-2552	EA	3" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	149.41	74.38
		For Work In Restricted Working Space, Add	*33.46*	
23 21 13 23-2553	EA	4" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	199.80	88.36
		For Work In Restricted Working Space, Add	*39.74*	

23 21 13 23-2554 Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters *(23 21 13 23-2456)*

23 21 13 23-2555	EA	1/2" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	22.25	11.44
		For Work In Restricted Working Space, Add	*5.13*	
23 21 13 23-2556	EA	3/4" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	30.45	15.15
		For Work In Restricted Working Space, Add	*6.84*	
23 21 13 23-2557	EA	1" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	39.58	18.86
		For Work In Restricted Working Space, Add	*8.48*	
23 21 13 23-2558	EA	1-1/4" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	58.38	26.70
		For Work In Restricted Working Space, Add	*11.99*	
23 21 13 23-2559	EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	67.64	30.09
		For Work In Restricted Working Space, Add	*13.52*	
23 21 13 23-2560	EA	2" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	96.56	38.25
		For Work In Restricted Working Space, Add	*17.18*	
23 21 13 23-2561	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	146.87	56.58
		For Work In Restricted Working Space, Add	*25.43*	
23 21 13 23-2562	EA	3" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	181.46	74.38
		For Work In Restricted Working Space, Add	*33.46*	
23 21 13 23-2563	EA	4" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	252.66	88.36
		For Work In Restricted Working Space, Add	*39.74*	

23 21 13 23-2564 Schedule 80 Polyvinyl Chloride (PVC) Couplings *(23 21 13 23-2456)*

23 21 13 23-2565	EA	1/2" Schedule 80 Polyvinyl Chloride (PVC) Couplings	22.58	11.44
		For Work In Restricted Working Space, Add	*5.13*	
		For Threaded Fittings, Add	*2.56*	
23 21 13 23-2566	EA	3/4" Schedule 80 Polyvinyl Chloride (PVC) Couplings	30.20	15.15
		For Work In Restricted Working Space, Add	*6.84*	
		For Threaded Fittings, Add	*3.42*	
23 21 13 23-2567	EA	1" Schedule 80 Polyvinyl Chloride (PVC) Couplings	35.92	18.86
		For Work In Restricted Working Space, Add	*8.48*	
		For Threaded Fittings, Add	*4.24*	
23 21 13 23-2568	EA	1-1/4" Schedule 80 Polyvinyl Chloride (PVC) Couplings	51.72	26.70
		For Work In Restricted Working Space, Add	*11.99*	
		For Threaded Fittings, Add	*6.00*	
23 21 13 23-2569	EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Couplings	57.73	30.09
		For Work In Restricted Working Space, Add	*13.52*	
		For Threaded Fittings, Add	*6.76*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2570	EA	2" Schedule 80 Polyvinyl Chloride (PVC) Couplings	70.76	38.25
		For Work In Restricted Working Space, Add	*17.18*	
		For Threaded Fittings, Add	*8.59*	
23 21 13 23-2571	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Couplings	118.14	56.58
		For Work In Restricted Working Space, Add	*25.43*	
		For Threaded Fittings, Add	*12.71*	
23 21 13 23-2572	EA	3" Schedule 80 Polyvinyl Chloride (PVC) Couplings	149.91	74.38
		For Work In Restricted Working Space, Add	*33.46*	
		For Threaded Fittings, Add	*16.73*	
23 21 13 23-2573	EA	4" Schedule 80 Polyvinyl Chloride (PVC) Couplings	180.57	88.36
		For Work In Restricted Working Space, Add	*39.74*	
		For Threaded Fittings, Add	*19.87*	
23 21 13 23-2574	EA	6" Schedule 80 Polyvinyl Chloride (PVC) Couplings	254.85	100.97
		For Work In Restricted Working Space, Add	*45.41*	
		For Threaded Fittings, Add	*22.71*	
23 21 13 23-2575	EA	8" Schedule 80 Polyvinyl Chloride (PVC) Couplings	317.45	117.82
		For Work In Restricted Working Space, Add	*52.98*	
		For Threaded Fittings, Add	*26.49*	
23 21 13 23-2576	EA	10" Schedule 80 Polyvinyl Chloride (PVC) Couplings	605.53	126.30
		For Work In Restricted Working Space, Add	*56.78*	
		For Threaded Fittings, Add	*28.39*	

23 21 13 23-2577 Schedule 80 Polyvinyl Chloride (PVC) Unions *(23 21 13 23-2456)*

23 21 13 23-2578	EA	1/2" Schedule 80 Polyvinyl Chloride (PVC) Unions	40.58	18.86
		For Work In Restricted Working Space, Add	*8.48*	
23 21 13 23-2579	EA	3/4" Schedule 80 Polyvinyl Chloride (PVC) Unions	48.42	22.78
		For Work In Restricted Working Space, Add	*10.25*	
23 21 13 23-2580	EA	1" Schedule 80 Polyvinyl Chloride (PVC) Unions	61.31	30.09
		For Work In Restricted Working Space, Add	*13.52*	
23 21 13 23-2581	EA	1-1/4" Schedule 80 Polyvinyl Chloride (PVC) Unions	97.90	38.25
		For Work In Restricted Working Space, Add	*17.18*	
23 21 13 23-2582	EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Unions	120.63	45.56
		For Work In Restricted Working Space, Add	*20.51*	
23 21 13 23-2583	EA	2" Schedule 80 Polyvinyl Chloride (PVC) Unions	155.61	56.58
		For Work In Restricted Working Space, Add	*25.43*	
23 21 13 23-2584	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Unions	243.44	74.38
		For Work In Restricted Working Space, Add	*33.46*	
23 21 13 23-2585	EA	3" Schedule 80 Polyvinyl Chloride (PVC) Unions	302.48	88.36
		For Work In Restricted Working Space, Add	*39.74*	
23 21 13 23-2586	EA	4" Schedule 80 Polyvinyl Chloride (PVC) Unions	382.47	117.82
		For Work In Restricted Working Space, Add	*52.98*	
23 21 13 23-2587	EA	6" Schedule 80 Polyvinyl Chloride (PVC) Unions	503.07	151.94
		For Work In Restricted Working Space, Add	*68.33*	
23 21 13 23-2588	EA	8" Schedule 80 Polyvinyl Chloride (PVC) Unions	736.60	188.39
		For Work In Restricted Working Space, Add	*84.72*	
23 21 13 23-2589	EA	10" Schedule 80 Polyvinyl Chloride (PVC) Unions	1,098.77	233.52
		For Work In Restricted Working Space, Add	*105.03*	

23 21 13 23-2590 Schedule 80 Polyvinyl Chloride (PVC) Threaded Unions *(23 21 13 23-2456)*

23 21 13 23-2591	EA	1/2", Scheduler 80, Polyvinyl Chloride (PVC) Threaded Union	42.78	23.54
23 21 13 23-2592	EA	3/4", Scheduler 80, Polyvinyl Chloride (PVC) Threaded Union	51.25	27.23
23 21 13 23-2593	EA	1", Scheduler 80, Polyvinyl Chloride (PVC) Threaded Union	62.20	32.11
23 21 13 23-2594	EA	1-1/4", Scheduler 80, Polyvinyl Chloride (PVC) Threaded Union	83.98	38.25
23 21 13 23-2595	EA	1-1/2", Scheduler 80, Polyvinyl Chloride (PVC) Threaded Union	101.27	45.56
23 21 13 23-2596	EA	2", Scheduler 80, Polyvinyl Chloride (PVC) Threaded Union	135.02	56.58
23 21 13 23-2597	EA	3", Scheduler 80, Polyvinyl Chloride (PVC) Threaded Union	291.71	109.66
23 21 13 23-2598	EA	4", Scheduler 80, Polyvinyl Chloride (PVC) Threaded Union	315.89	121.64

23 21 13 23-2599 Schedule 80 Polyvinyl Chloride (PVC) Caps *(23 21 13 23-2456)*

23 21 13 23-2600	EA	1/2" Schedule 80 Polyvinyl Chloride (PVC) Caps	15.44	5.09
		For Work In Restricted Working Space, Add	*2.31*	
		For Threaded Fittings, Add	*1.16*	
23 21 13 23-2601	EA	3/4" Schedule 80 Polyvinyl Chloride (PVC) Caps	18.42	6.78
		For Work In Restricted Working Space, Add	*3.08*	
		For Threaded Fittings, Add	*1.54*	
23 21 13 23-2602	EA	1" Schedule 80 Polyvinyl Chloride (PVC) Caps	27.20	8.37
		For Work In Restricted Working Space, Add	*3.81*	
		For Threaded Fittings, Add	*1.91*	
23 21 13 23-2603	EA	1-1/4" Schedule 80 Polyvinyl Chloride (PVC) Caps	35.47	11.87
		For Work In Restricted Working Space, Add	*5.40*	
		For Threaded Fittings, Add	*2.70*	
23 21 13 23-2604	EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Caps	37.77	13.35
		For Work In Restricted Working Space, Add	*6.09*	
		For Threaded Fittings, Add	*3.04*	
23 21 13 23-2605	EA	2" Schedule 80 Polyvinyl Chloride (PVC) Caps	51.99	17.06
		For Work In Restricted Working Space, Add	*7.73*	
		For Threaded Fittings, Add	*3.87*	
23 21 13 23-2606	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Caps	92.00	25.22
		For Work In Restricted Working Space, Add	*11.44*	
		For Threaded Fittings, Add	*5.72*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2607	EA	3" Schedule 80 Polyvinyl Chloride (PVC) Caps	116.04	33.16
		For Work In Restricted Working Space, Add	*15.06*	
		For Threaded Fittings, Add	*7.53*	
23 21 13 23-2608	EA	4" Schedule 80 Polyvinyl Chloride (PVC) Caps	165.50	39.31
		For Work In Restricted Working Space, Add	*17.88*	
		For Threaded Fittings, Add	*8.94*	
23 21 13 23-2609	EA	6" Schedule 80 Polyvinyl Chloride (PVC) Caps	331.20	44.92
		For Work In Restricted Working Space, Add	*20.44*	
		For Threaded Fittings, Add	*10.22*	
23 21 13 23-2610	EA	8" Schedule 80 Polyvinyl Chloride (PVC) Caps	440.87	52.45
		For Work In Restricted Working Space, Add	*23.84*	
		For Threaded Fittings, Add	*11.92*	
23 21 13 23-2611	EA	10" Schedule 80 Polyvinyl Chloride (PVC) Caps	783.92	78.20
		For Work In Restricted Working Space, Add	*35.54*	
		For Threaded Fittings, Add	*17.77*	

23 21 13 23-2612 Schedule 80 Polyvinyl Chloride (PVC) 150 LB Flanges *(23 21 13 23-2456)*

23 21 13 23-2613	EA	1/2" Schedule 80 Polyvinyl Chloride (PVC) 150 LB Flanges	52.15	18.86
		For Work In Restricted Working Space, Add	*8.48*	
		For Threaded Fittings, Add	*4.24*	
23 21 13 23-2614	EA	3/4" Schedule 80 Polyvinyl Chloride (PVC) 150 LB Flanges	59.82	22.78
		For Work In Restricted Working Space, Add	*10.25*	
		For Threaded Fittings, Add	*5.13*	
23 21 13 23-2615	EA	1" Schedule 80 Polyvinyl Chloride (PVC) 150 LB Flanges	73.64	30.09
		For Work In Restricted Working Space, Add	*13.52*	
		For Threaded Fittings, Add	*6.76*	
23 21 13 23-2616	EA	1-1/4" Schedule 80 Polyvinyl Chloride (PVC) 150 LB Flanges	86.66	38.25
		For Work In Restricted Working Space, Add	*17.18*	
		For Threaded Fittings, Add	*8.59*	
23 21 13 23-2617	EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) 150 LB Flanges	98.40	45.56
		For Work In Restricted Working Space, Add	*20.51*	
		For Threaded Fittings, Add	*10.25*	
23 21 13 23-2618	EA	2" Schedule 80 Polyvinyl Chloride (PVC) 150 LB Flanges	124.72	56.58
		For Work In Restricted Working Space, Add	*25.43*	
		For Threaded Fittings, Add	*12.71*	
23 21 13 23-2619	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) 150 LB Flanges	173.22	74.38
		For Work In Restricted Working Space, Add	*33.46*	
		For Threaded Fittings, Add	*16.73*	
23 21 13 23-2620	EA	3" Schedule 80 Polyvinyl Chloride (PVC) 150 LB Flanges	200.55	88.36
		For Work In Restricted Working Space, Add	*39.74*	
		For Threaded Fittings, Add	*19.87*	
23 21 13 23-2621	EA	4" Schedule 80 Polyvinyl Chloride (PVC) 150 LB Flanges	262.84	117.82
		For Work In Restricted Working Space, Add	*52.98*	
		For Threaded Fittings, Add	*26.49*	
23 21 13 23-2622	EA	6" Schedule 80 Polyvinyl Chloride (PVC) 150 LB Flanges	363.38	151.94
		For Work In Restricted Working Space, Add	*68.33*	
		For Threaded Fittings, Add	*34.16*	
23 21 13 23-2623	EA	8" Schedule 80 Polyvinyl Chloride (PVC) 150 LB Flanges	588.34	188.39
		For Work In Restricted Working Space, Add	*84.72*	
		For Threaded Fittings, Add	*42.36*	
23 21 13 23-2624	EA	10" Schedule 80 Polyvinyl Chloride (PVC) 150 LB Flanges	1,039.66	233.52
		For Work In Restricted Working Space, Add	*105.03*	
		For Threaded Fittings, Add	*52.52*	

23 21 13 23-2625 Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe *(23 21 13 23-2293)*

Note: In place pipe.

23 21 13 23-2626	EA	1/2", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe	5.75	
		For Work In Restricted Working Space, Add	*1.73*	
23 21 13 23-2627	EA	3/4", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe	6.21	
		For Work In Restricted Working Space, Add	*1.86*	
23 21 13 23-2628	EA	1", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe	6.99	
		For Work In Restricted Working Space, Add	*2.10*	
23 21 13 23-2629	EA	1-1/4", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe	7.33	
		For Work In Restricted Working Space, Add	*2.20*	
23 21 13 23-2630	EA	1-1/2", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe	7.76	
		For Work In Restricted Working Space, Add	*2.33*	
23 21 13 23-2631	EA	2", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe	8.55	
		For Work In Restricted Working Space, Add	*2.57*	
23 21 13 23-2632	EA	2-1/2", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe	9.20	
		For Work In Restricted Working Space, Add	*2.76*	
23 21 13 23-2633	EA	3", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe	10.87	
		For Work In Restricted Working Space, Add	*3.26*	
23 21 13 23-2634	EA	4", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe	14.67	
		For Work In Restricted Working Space, Add	*4.40*	
23 21 13 23-2635	EA	6", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe	20.96	
		For Work In Restricted Working Space, Add	*6.29*	
23 21 13 23-2636	EA	8", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe	27.96	
		For Work In Restricted Working Space, Add	*8.39*	
23 21 13 23-2637	EA	10", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe	34.18	
		For Work In Restricted Working Space, Add	*10.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2638		Polyethylene Pipe And Fittings *(23 21 13 23)*		
23 21 13 23-2639		Small Diameter Tubing *(23 21 13 23-2638)*		
23 21 13 23-2640		Tubing *(23 21 13 23-2639)*		
23 21 13 23-2641	LF	1/4" Polyethylene Tubing	3.49	
		For Work In Restricted Working Space, Add	*0.96*	
23 21 13 23-2642	LF	5/16" Polyethylene Tubing	3.82	
		For Work In Restricted Working Space, Add	*0.98*	
23 21 13 23-2643	LF	3/8" Polyethylene Tubing	4.05	
		For Work In Restricted Working Space, Add	*1.00*	
23 21 13 23-2644	LF	1/2" Polyethylene Tubing	4.14	
		For Work In Restricted Working Space, Add	*1.08*	
23 21 13 23-2645		Chrome Plated Pipe *(23 21 13 23)*		
23 21 13 23-2646		Chrome Plated Nipples *(23 21 13 23-2645)*		
23 21 13 23-2647		Close *(23 21 13 23-2646)*		
23 21 13 23-2648	EA	1/4" Diameter Chrome Plated Nipple, Close	20.35	9.20
23 21 13 23-2649	EA	3/8" Diameter Chrome Plated Nipple, Close	19.51	10.01
23 21 13 23-2650	EA	1/2" Diameter Chrome Plated Nipple, Close	24.22	11.51
23 21 13 23-2651	EA	3/4" Diameter Chrome Plated Nipple, Close	31.75	14.61
23 21 13 23-2652	EA	1" Diameter Chrome Plated Nipple, Close	42.50	19.21
23 21 13 23-2653	EA	1-1/4" Diameter Chrome Plated Nipple, Close	60.19	26.80
23 21 13 23-2654	EA	1-1/2" Diameter Chrome Plated Nipple, Close	73.40	31.41
23 21 13 23-2655	EA	2" Diameter Chrome Plated Nipple, Close	94.53	39.12
23 21 13 23-2656		1-1/2" Nipples *(23 21 13 23-2646)*		
23 21 13 23-2657	EA	1/4" Diameter, 1-1/2" Length, Chrome Plated Nipple	21.73	9.55
23 21 13 23-2658	EA	3/8" Diameter, 1-1/2" Length, Chrome Plated Nipple	20.59	10.35
23 21 13 23-2659	EA	1/2" Diameter, 1-1/2" Length, Chrome Plated Nipple	24.82	11.85
23 21 13 23-2660	EA	3/4" Diameter, 1-1/2" Length, Chrome Plated Nipple	32.88	14.95
23 21 13 23-2661		2" Nipples *(23 21 13 23-2646)*		
23 21 13 23-2662	EA	1/4" Diameter, 2" Length, Chrome Plated Nipple	22.59	10.01
23 21 13 23-2663	EA	3/8" Diameter, 2" Length, Chrome Plated Nipple	21.31	10.70
23 21 13 23-2664	EA	1/2" Diameter, 2" Length, Chrome Plated Nipple	26.72	12.31
23 21 13 23-2665	EA	3/4" Diameter, 2" Length, Chrome Plated Nipple	34.49	15.31
23 21 13 23-2666	EA	1" Diameter, 2" Length, Chrome Plated Nipple	44.94	19.91
23 21 13 23-2667	EA	1-1/4" Diameter, 2" Length, Chrome Plated Nipple	64.16	27.61
23 21 13 23-2668	EA	1-1/2" Diameter, 2" Length, Chrome Plated Nipple	77.98	32.21
23 21 13 23-2669		2-1/2" Nipples *(23 21 13 23-2646)*		
23 21 13 23-2670	EA	1/4" Diameter, 2-1/2" Length, Chrome Plated Nipple	23.89	10.35
23 21 13 23-2671	EA	3/8" Diameter, 2-1/2" Length, Chrome Plated Nipple	22.09	11.16
23 21 13 23-2672	EA	1/2" Diameter, 2-1/2" Length, Chrome Plated Nipple	27.87	12.66
23 21 13 23-2673	EA	3/4" Diameter, 2-1/2" Length, Chrome Plated Nipple	35.32	15.76
23 21 13 23-2674	EA	1" Diameter, 2-1/2" Length, Chrome Plated Nipple	46.21	20.36
23 21 13 23-2675	EA	1-1/4" Diameter, 2-1/2" Length, Chrome Plated Nipple	67.96	27.96
23 21 13 23-2676	EA	1-1/2" Diameter, 2-1/2" Length, Chrome Plated Nipple	83.06	32.56
23 21 13 23-2677	EA	2" Diameter, 2-1/2" Length, Chrome Plated Nipple	105.62	40.27
23 21 13 23-2678		3" Nipples *(23 21 13 23-2646)*		
23 21 13 23-2679	EA	1/4" Diameter, 3" Length, Chrome Plated Nipple	24.89	10.70
23 21 13 23-2680	EA	3/8" Diameter, 3" Length, Chrome Plated Nipple	23.39	11.51
23 21 13 23-2681	EA	1/2" Diameter, 3" Length, Chrome Plated Nipple	27.50	12.31
23 21 13 23-2682	EA	3/4" Diameter, 3" Length, Chrome Plated Nipple	38.10	16.11
23 21 13 23-2683	EA	1" Diameter, 3" Length, Chrome Plated Nipple	51.87	20.71
23 21 13 23-2684	EA	1-1/4" Diameter, 3" Length, Chrome Plated Nipple	72.12	28.42
23 21 13 23-2685	EA	1-1/2" Diameter, 3" Length, Chrome Plated Nipple	94.99	33.02
23 21 13 23-2686	EA	2" Diameter, 3" Length, Chrome Plated Nipple	114.97	40.73
23 21 13 23-2687		3-1/2" Nipples *(23 21 13 23-2646)*		
23 21 13 23-2688	EA	1/4" Diameter, 3-1/2" Length, Chrome Plated Nipple	26.02	11.16
23 21 13 23-2689	EA	3/8" Diameter, 3-1/2" Length, Chrome Plated Nipple	25.60	11.85
23 21 13 23-2690	EA	1/2" Diameter, 3-1/2" Length, Chrome Plated Nipple	30.30	13.46
23 21 13 23-2691	EA	3/4" Diameter, 3-1/2" Length, Chrome Plated Nipple	42.20	16.45
23 21 13 23-2692	EA	1" Diameter, 3-1/2" Length, Chrome Plated Nipple	54.06	21.05
23 21 13 23-2693	EA	1-1/4" Diameter, 3-1/2" Length, Chrome Plated Nipple	80.26	28.77
23 21 13 23-2694	EA	1-1/2" Diameter, 3-1/2" Length, Chrome Plated Nipple	98.58	33.37
23 21 13 23-2695	EA	2" Diameter, 3-1/2" Length, Chrome Plated Nipple	122.42	41.07
23 21 13 23-2696		4" Nipples *(23 21 13 23-2646)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2697	EA	1/4" Diameter, 4" Length, Chrome Plated Nipple	27.14	11.51
23 21 13 23-2698	EA	3/8" Diameter, 4" Length, Chrome Plated Nipple	26.25	12.31
23 21 13 23-2699	EA	1/2" Diameter, 4" Length, Chrome Plated Nipple	30.55	13.00
23 21 13 23-2700	EA	3/4" Diameter, 4" Length, Chrome Plated Nipple	43.83	16.92
23 21 13 23-2701	EA	1" Diameter, 4" Length, Chrome Plated Nipple	56.15	21.52
23 21 13 23-2702	EA	1-1/4" Diameter, 4" Length, Chrome Plated Nipple	86.47	29.11
23 21 13 23-2703	EA	1-1/2" Diameter, 4" Length, Chrome Plated Nipple	105.94	33.71
23 21 13 23-2704	EA	2" Diameter, 4" Length, Chrome Plated Nipple	131.51	41.43
23 21 13 23-2705		**4-1/2" Nipples** *(23 21 13 23-2646)*		
23 21 13 23-2706	EA	1/4" Diameter, 4-1/2" Length, Chrome Plated Nipple	28.14	11.85
23 21 13 23-2707	EA	3/8" Diameter, 4-1/2" Length, Chrome Plated Nipple	28.46	12.66
23 21 13 23-2708	EA	1/2" Diameter, 4-1/2" Length, Chrome Plated Nipple	33.51	14.15
23 21 13 23-2709	EA	3/4" Diameter, 4-1/2" Length, Chrome Plated Nipple	45.69	17.26
23 21 13 23-2710	EA	1" Diameter, 4-1/2" Length, Chrome Plated Nipple	63.33	21.86
23 21 13 23-2711	EA	1-1/4" Diameter, 4-1/2" Length, Chrome Plated Nipple	92.42	29.57
23 21 13 23-2712	EA	1-1/2" Diameter, 4-1/2" Length, Chrome Plated Nipple	109.22	34.18
23 21 13 23-2713	EA	2" Diameter, 4-1/2" Length, Chrome Plated Nipple	139.88	41.88
23 21 13 23-2714		**5" Nipples** *(23 21 13 23-2646)*		
23 21 13 23-2715	EA	1/4" Diameter, 5" Length, Chrome Plated Nipple	31.55	12.31
23 21 13 23-2716	EA	3/8" Diameter, 5" Length, Chrome Plated Nipple	29.85	13.00
23 21 13 23-2717	EA	1/2" Diameter, 5" Length, Chrome Plated Nipple	34.72	14.61
23 21 13 23-2718	EA	3/4" Diameter, 5" Length, Chrome Plated Nipple	47.48	17.60
23 21 13 23-2719	EA	1" Diameter, 5" Length, Chrome Plated Nipple	67.69	22.20
23 21 13 23-2720	EA	1-1/4" Diameter, 5" Length, Chrome Plated Nipple	97.83	29.92
23 21 13 23-2721	EA	1-1/2" Diameter, 5" Length, Chrome Plated Nipple	116.61	34.52
23 21 13 23-2722	EA	2" Diameter, 5" Length, Chrome Plated Nipple	145.30	42.23
23 21 13 23-2723		**5-1/2" Nipples** *(23 21 13 23-2646)*		
23 21 13 23-2724	EA	1/4" Diameter, 5-1/2" Length, Chrome Plated Nipple	32.58	12.66
23 21 13 23-2725	EA	3/8" Diameter, 5-1/2" Length, Chrome Plated Nipple	30.95	13.46
23 21 13 23-2726	EA	1/2" Diameter, 5-1/2" Length, Chrome Plated Nipple	38.11	14.95
23 21 13 23-2727	EA	3/4" Diameter, 5-1/2" Length, Chrome Plated Nipple	49.26	18.06
23 21 13 23-2728	EA	1" Diameter, 5-1/2" Length, Chrome Plated Nipple	69.98	22.67
23 21 13 23-2729	EA	1-1/4" Diameter, 5-1/2" Length, Chrome Plated Nipple	104.39	30.26
23 21 13 23-2730	EA	1-1/2" Diameter, 5-1/2" Length, Chrome Plated Nipple	122.50	34.86
23 21 13 23-2731	EA	2" Diameter, 5-1/2" Length, Chrome Plated Nipple	152.17	42.57
23 21 13 23-2732		**6" Nipples** *(23 21 13 23-2646)*		
23 21 13 23-2733	EA	1/4" Diameter, 6" Length, Chrome Plated Nipple	33.78	13.00
23 21 13 23-2734	EA	3/8" Diameter, 6" Length, Chrome Plated Nipple	31.56	13.81
23 21 13 23-2735	EA	1/2" Diameter, 6" Length, Chrome Plated Nipple	39.22	15.31
23 21 13 23-2736	EA	3/4" Diameter, 6" Length, Chrome Plated Nipple	50.71	18.41
23 21 13 23-2737	EA	1" Diameter, 6" Length, Chrome Plated Nipple	76.95	23.01
23 21 13 23-2738	EA	1-1/4" Diameter, 6" Length, Chrome Plated Nipple	108.43	30.72
23 21 13 23-2739	EA	1-1/2" Diameter, 6" Length, Chrome Plated Nipple	131.57	35.32
23 21 13 23-2740	EA	2" Diameter, 6" Length, Chrome Plated Nipple	158.48	43.04
23 21 13 23-2741		**8" Nipples** *(23 21 13 23-2646)*		
23 21 13 23-2742	EA	3/8" Diameter, 8" Length, Chrome Plated Nipple	37.73	14.61
23 21 13 23-2743	EA	1/2" Diameter, 8" Length, Chrome Plated Nipple	56.04	16.11
23 21 13 23-2744	EA	3/4" Diameter, 8" Length, Chrome Plated Nipple	68.16	19.21
23 21 13 23-2745	EA	1" Diameter, 8" Length, Chrome Plated Nipple	90.67	23.81
23 21 13 23-2746	EA	1-1/4" Diameter, 8" Length, Chrome Plated Nipple	130.22	31.41
23 21 13 23-2747	EA	1-1/2" Diameter, 8" Length, Chrome Plated Nipple	160.07	36.02
23 21 13 23-2748	EA	2" Diameter, 8" Length, Chrome Plated Nipple	197.27	43.72
23 21 13 23-2749		**10" Nipples** *(23 21 13 23-2646)*		
23 21 13 23-2750	EA	3/8" Diameter, 10" Length, Chrome Plated Nipple	43.65	14.61
23 21 13 23-2751	EA	1/2" Diameter, 10" Length, Chrome Plated Nipple	63.49	16.11
23 21 13 23-2752	EA	3/4" Diameter, 10" Length, Chrome Plated Nipple	76.78	19.21
23 21 13 23-2753	EA	1" Diameter, 10" Length, Chrome Plated Nipple	103.72	23.81
23 21 13 23-2754	EA	1-1/4" Diameter, 10" Length, Chrome Plated Nipple	158.14	31.41
23 21 13 23-2755	EA	1-1/2" Diameter, 10" Length, Chrome Plated Nipple	181.34	36.02
23 21 13 23-2756	EA	2" Diameter, 10" Length, Chrome Plated Nipple	231.28	43.72
23 21 13 23-2757		**12" Nipples** *(23 21 13 23-2646)*		
23 21 13 23-2758	EA	3/8" Diameter, 12" Length, Chrome Plated Nipple	48.71	16.11
23 21 13 23-2759	EA	1/2" Diameter, 12" Length, Chrome Plated Nipple	66.46	16.92
23 21 13 23-2760	EA	3/4" Diameter, 12" Length, Chrome Plated Nipple	84.86	19.91
23 21 13 23-2761	EA	1" Diameter, 12" Length, Chrome Plated Nipple	121.89	25.31
23 21 13 23-2762	EA	1-1/4" Diameter, 12" Length, Chrome Plated Nipple	177.55	33.02

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2763	EA	2" Diameter, 12" Length, Chrome Plated Nipple	260.81	45.33
23 21 13 23-2764		**18" Nipples** *(23 21 13 23-2646)*		
23 21 13 23-2765	EA	3/8" Diameter, 18" Length, Chrome Plated Nipple	62.30	16.92
23 21 13 23-2766		**24" Nipples** *(23 21 13 23-2646)*		
23 21 13 23-2767	EA	3/8" Diameter, 24" Length, Chrome Plated Nipple	75.31	17.60
23 21 13 23-2768		**30" Nipples** *(23 21 13 23-2646)*		
23 21 13 23-2769	EA	3/8" Diameter, 30" Length, Chrome Plated Nipple	83.59	18.41
23 21 13 23-2770		**36" Nipples** *(23 21 13 23-2646)*		
23 21 13 23-2771	EA	3/8" Diameter, 36" Length, Chrome Plated Nipple	91.90	19.21
23 21 13 23-2772		**Chrome Plated Fittings** *(23 21 13 23-2645)*		
23 21 13 23-2773		**Chrome Plated 90 Degree Elbows** *(23 21 13 23-2772)*		
23 21 13 23-2774	EA	1/4" 90 Degree Elbow, Chrome Plated	26.05	10.70
23 21 13 23-2775	EA	3/8" 90 Degree Elbow, Chrome Plated	26.56	11.51
23 21 13 23-2776	EA	1/2" 90 Degree Elbow, Chrome Plated	29.90	12.31
23 21 13 23-2777	EA	3/4" 90 Degree Elbow, Chrome Plated	38.16	16.11
23 21 13 23-2778	EA	1" 90 Degree Elbow, Chrome Plated	51.83	20.71
23 21 13 23-2779	EA	1-1/4" 90 Degree Elbow, Chrome Plated	79.81	28.42
23 21 13 23-2780	EA	1-1/2" 90 Degree Elbow, Chrome Plated	95.89	33.02
23 21 13 23-2781	EA	2" 90 Degree Elbow, Chrome Plated	131.38	40.73
23 21 13 23-2782		**Chrome Plated Street 90 Degree Elbows** *(23 21 13 23-2772)*		
23 21 13 23-2783	EA	1/4" Street 90 Degree Elbow, Chrome Plated	30.22	10.70
23 21 13 23-2784	EA	3/8" Street 90 Degree Elbow, Chrome Plated	31.13	11.51
23 21 13 23-2785	EA	1/2" Street 90 Degree Elbow, Chrome Plated	33.08	12.31
23 21 13 23-2786	EA	3/4" Street 90 Degree Elbow, Chrome Plated	42.84	16.11
23 21 13 23-2787	EA	1" Street 90 Degree Elbow, Chrome Plated	60.48	20.71
23 21 13 23-2788	EA	1-1/4" Street 90 Degree Elbow, Chrome Plated	88.66	28.42
23 21 13 23-2789	EA	1-1/2" Street 90 Degree Elbow, Chrome Plated	108.31	33.02
23 21 13 23-2790	EA	2" Street 90 Degree Elbow, Chrome Plated	160.60	40.73
23 21 13 23-2791		**Chrome Plated 45 Degree Elbows** *(23 21 13 23-2772)*		
23 21 13 23-2792	EA	1/4" 45 Degree Elbow, Chrome Plated	26.97	10.70
23 21 13 23-2793	EA	3/8" 45 Degree Elbow, Chrome Plated	27.88	11.51
23 21 13 23-2794	EA	1/2" 45 Degree Elbow, Chrome Plated	30.85	12.31
23 21 13 23-2795	EA	3/4" 45 Degree Elbow, Chrome Plated	41.73	16.11
23 21 13 23-2796	EA	1" 45 Degree Elbow, Chrome Plated	55.84	20.71
23 21 13 23-2797	EA	1-1/4" 45 Degree Elbow, Chrome Plated	84.61	28.42
23 21 13 23-2798	EA	1-1/2" 45 Degree Elbow, Chrome Plated	102.32	33.02
23 21 13 23-2799	EA	2" 45 Degree Elbow, Chrome Plated	149.06	40.73
23 21 13 23-2800		**Chrome Plated Street 45 Degree Elbows** *(23 21 13 23-2772)*		
23 21 13 23-2801	EA	1/2" Street 45 Degree Elbow, Chrome Plated	36.57	12.31
23 21 13 23-2802		**Chrome Plated Couplings** *(23 21 13 23-2772)*		
23 21 13 23-2803	EA	1/4" Coupling, Chrome Plated	25.48	10.70
23 21 13 23-2804	EA	3/8" Coupling, Chrome Plated	26.63	11.51
23 21 13 23-2805	EA	1/2" Coupling, Chrome Plated	30.14	12.31
23 21 13 23-2806	EA	3/4" Coupling, Chrome Plated	38.24	16.11
23 21 13 23-2807	EA	1" Coupling, Chrome Plated	49.86	20.71
23 21 13 23-2808	EA	1-1/4" Coupling, Chrome Plated	72.60	28.42
23 21 13 23-2809	EA	1-1/2" Coupling, Chrome Plated	89.86	33.02
23 21 13 23-2810	EA	2" Coupling, Chrome Plated	124.02	40.73
23 21 13 23-2811		**Chrome Plated Unions** *(23 21 13 23-2772)*		
23 21 13 23-2812	EA	1/4" Union, Chrome Plated	41.04	12.31
23 21 13 23-2813	EA	3/8" Union, Chrome Plated	42.22	13.00
23 21 13 23-2814	EA	1/2" Union, Chrome Plated	51.07	14.61
23 21 13 23-2815	EA	3/4" Union, Chrome Plated	63.29	19.21
23 21 13 23-2816	EA	1" Union, Chrome Plated	80.03	24.51
23 21 13 23-2817	EA	1-1/4" Union, Chrome Plated	129.96	33.02
23 21 13 23-2818	EA	1-1/2" Union, Chrome Plated	161.87	39.12
23 21 13 23-2819	EA	2" Union, Chrome Plated	211.32	47.64

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2820		**Chrome Plated Caps** *(23 21 13 23-2772)*		
23 21 13 23-2821	EA	1/4" Cap, Chrome Plated	17.20	5.41
23 21 13 23-2822	EA	3/8" Cap, Chrome Plated	17.77	5.75
23 21 13 23-2823	EA	1/2" Cap, Chrome Plated	20.29	6.10
23 21 13 23-2824	EA	3/4" Cap, Chrome Plated	25.31	8.06
23 21 13 23-2825	EA	1" Cap, Chrome Plated	30.06	10.35
23 21 13 23-2826	EA	1-1/4" Cap, Chrome Plated	44.40	14.15
23 21 13 23-2827	EA	1-1/2" Cap, Chrome Plated	58.56	16.45
23 21 13 23-2828	EA	2" Cap, Chrome Plated	85.68	21.52
23 21 13 23-2829		**Chrome Plated Plugs** *(23 21 13 23-2772)*		
23 21 13 23-2830	EA	1/4" Plug, Chrome Plated	14.02	5.41
23 21 13 23-2831	EA	3/8" Plug, Chrome Plated	14.59	5.75
23 21 13 23-2832	EA	1/2" Plug, Chrome Plated	16.95	6.10
23 21 13 23-2833	EA	3/4" Plug, Chrome Plated	22.93	8.06
23 21 13 23-2834	EA	1" Plug, Chrome Plated	28.25	10.35
23 21 13 23-2835	EA	1-1/4" Plug, Chrome Plated	38.13	14.15
23 21 13 23-2836	EA	1-1/2" Plug, Chrome Plated	47.09	16.45
23 21 13 23-2837	EA	2" Plug, Chrome Plated	65.74	21.52
23 21 13 23-2838		**Chrome Plated Tees** *(23 21 13 23-2772)*		
23 21 13 23-2839	EA	1/4" Chrome Plated Tee	36.15	16.11
23 21 13 23-2840	EA	3/8" Chrome Plated Tee	38.45	17.60
23 21 13 23-2841	EA	1/2" Chrome Plated Tee	42.87	19.21
23 21 13 23-2842	EA	3/4" Chrome Plated Tee	53.41	23.81
23 21 13 23-2843	EA	1" Chrome Plated Tee	76.03	30.72
23 21 13 23-2844	EA	1-1/4" Chrome Plated Tee	104.81	42.23
23 21 13 23-2845	EA	1-1/2" Chrome Plated Tee	134.34	49.13
23 21 13 23-2846	EA	2" Chrome Plated Tee	184.50	60.64
23 21 13 23-2847		**Chrome Plated Reducing 90 Degree Elbows** *(23 21 13 23-2772)*		
23 21 13 23-2848	EA	1/2" x 3/8" Reducing 90 Degree Elbow, Chrome Plated	40.75	19.21
23 21 13 23-2849	EA	3/4" x 1/2" Reducing 90 Degree Elbow, Chrome Plated	47.66	23.81
23 21 13 23-2850		**Chrome Plated Bell Reducers** *(23 21 13 23-2772)*		
23 21 13 23-2851	EA	1/2" x 3/8" Bell Reducer, Chrome Plated	44.60	19.21
23 21 13 23-2852	EA	3/4" x 1/2" Bell Reducer, Chrome Plated	54.28	23.81
23 21 13 23-2853	EA	1" x 1/2" Bell Reducer, Chrome Plated	68.95	30.72
23 21 13 23-2854		**Chrome Plated Reducing Tees** *(23 21 13 23-2772)*		
23 21 13 23-2855	EA	3/4" x 1/2" Reducing Tee, Chrome Plated	59.15	23.81
23 21 13 23-2856		**Chrome Plated Bushings** *(23 21 13 23-2772)*		
23 21 13 23-2857	EA	3/8" x 1/4" Bushing, Chrome Plated	13.92	5.41
23 21 13 23-2858	EA	1/2" x 1/4" Bushing, Chrome Plated	14.99	5.75
23 21 13 23-2859	EA	1/2" x 3/8" Bushing, Chrome Plated	15.56	6.10
23 21 13 23-2860	EA	3/4" x 1/2" Bushing, Chrome Plated	19.77	8.06
23 21 13 23-2861	EA	1" x 3/4" Bushing, Chrome Plated	28.86	10.35
23 21 13 23-2862	EA	1-1/4" x 1" Bushing, Chrome Plated	42.25	14.15
23 21 16		**Hydronic Piping Specialties** *(23 21)*		
23 21 16 00-0001		**Air Vents** *(23 21 16)*		
23 21 16 00-0002		**Screwed Ends, Cast Iron, Automatic Air Vents** *(23 21 16 00-0001)*		
		Note: With guided free floating lever.		
23 21 16 00-0003	EA	1/2" NPT, Cast Iron, Automatic Air Vent	384.36	33.42
23 21 16 00-0004	EA	3/4" NPT, Cast Iron, Automatic Air Vent	469.02	44.37
23 21 16 00-0005	EA	1" NPT, Cast Iron, Automatic Air Vent	1,099.01	46.10
23 21 16 00-0006	EA	1-1/4" NPT, Cast Iron, Automatic Air Vent	1,628.16	71.22
23 21 16 00-0007	EA	1-1/2" NPT, Cast Iron, Automatic Air Vent	2,737.52	76.64
23 21 16 00-0008	EA	2" NPT, Cast Iron, Automatic Air Vent	3,136.27	101.07
23 21 16 00-0009		**Forged Steel, Stainless Steel Internals, Automatic Air Vents** *(23 21 16 00-0001)*		
		Note: With guided free floating lever.		
23 21 16 00-0010	EA	1/2" NPT, Forged Steel, Stainless Steel Internals, Automatic Air Vent	2,696.95	38.61
23 21 16 00-0011	EA	3/4" NPT, Forged Steel, Stainless Steel Internals, Automatic Air Vent	3,382.87	44.37
23 21 16 00-0012	EA	1" NPT, Forged Steel, Stainless Steel Internals, Automatic Air Vent	4,041.43	46.10
23 21 16 00-0013	EA	1-1/4" NPT, Forged Steel, Stainless Steel Internals, Automatic Air Vent	6,634.32	71.45
23 21 16 00-0014	EA	1-1/2" NPT, Forged Steel, Stainless Steel Internals, Automatic Air Vent	7,666.39	76.64
23 21 16 00-0015	EA	2" NPT, Forged Steel, Stainless Steel Internals, Automatic Air Vent	11,279.10	100.83

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 16 00-0016		**Manual Air Vent** *(23 21 16 00-0001)*		
23 21 16 00-0017	EA	Manual Air Vent	79.47	41.60
23 21 16 00-0018		**Vent Valves** *(23 21 16)*		
23 21 16 00-0019	EA	1/8", 1.5 PSIG Operating Pressure, Non-Vacuum Adjustable Angle Radiator Steam Vent Valve (Hoffman 1A)	81.41	17.29
23 21 16 00-0020	EA	1/2" x 3/4", 35 PSIG Operating Pressure, Straight Steam Unit Heater Air Vent Valve (Hoffman 74)	199.06	18.59
23 21 16 00-0021	EA	1/2" x 3/4", 3 PSIG Operating Pressure, Non-Vacuum Main Steam Air Vent Valve (Hoffman 75)	189.67	18.59
23 21 16 00-0022	EA	1/2" x 3/4", 10 PSIG Operating Pressure, Non Vacuum Straight Non-Vacuum Main Steam Air Vent Valve (Hoffman 75H)	196.24	18.59
23 21 16 00-0023	EA	3/4", 150 PSIG Operating Pressure, Straight Water Main Vent Valve (Hoffman 78)	253.76	18.59
23 21 16 00-0024	EA	1/2" x 3/4", 75 PSIG Operating Pressure, Straight Water Main Vent Valve (Hoffman 79)	187.09	18.59
23 21 16 00-0025		**Threaded Inlet, Drip-Pan Elbow** *(23 21 16)*		
23 21 16 00-0026		**Cast Iron, Threaded Inlet, Drip-Pan Elbow** *(23 21 16 00-0025)*		
23 21 16 00-0027	EA	2-1/2" Cast Iron, Threaded Inlet, Drip-Pan Elbow	285.79	28.95
		For Flanged Inlet, Add	*116.35*	
23 21 16 00-0028	EA	3" Cast Iron, Threaded Inlet, Drip-Pan Elbow	322.04	34.32
		For Flanged Inlet, Add	*124.90*	
23 21 16 00-0029	EA	3-1/2" Cast Iron, Threaded Inlet, Drip-Pan Elbow	407.85	39.67
		For Flanged Inlet, Add	*168.50*	
23 21 16 00-0030	EA	4" Cast Iron, Threaded Inlet, Drip-Pan Elbow	617.74	45.04
		For Flanged Inlet, Add	*296.47*	
23 21 16 00-0031	EA	5" Cast Iron, Threaded Inlet, Drip-Pan Elbow	696.42	53.62
		For Flanged Inlet, Add	*327.73*	
23 21 16 00-0032	EA	6" Cast Iron, Threaded Inlet, Drip-Pan Elbow	972.41	67.56
		For Flanged Inlet, Add	*478.94*	
23 21 16 00-0033	EA	8" Cast Iron, Threaded Inlet, Drip-Pan Elbow	2,231.64	89.00
		For Flanged Inlet, Add	*1,274.46*	
23 21 16 00-0034		**Cast Steel, Threaded Inlet, Drip-Pan Elbow** *(23 21 16 00-0025)*		
23 21 16 00-0035	EA	2-1/2" Cast Steel, Threaded Inlet, Drip-Pan Elbow	1,340.80	28.95
		For Flanged Inlet, Add	*833.75*	
23 21 16 00-0036	EA	3" Cast Steel, Threaded Inlet, Drip-Pan Elbow	1,624.08	34.32
		For Flanged Inlet, Add	*1,010.29*	
23 21 16 00-0037	EA	3-1/2" Cast Steel, Threaded Inlet, Drip-Pan Elbow	2,374.26	39.67
		For Flanged Inlet, Add	*1,505.66*	
23 21 16 00-0038	EA	4" Cast Steel, Threaded Inlet, Drip-Pan Elbow	2,395.96	45.04
		For Flanged Inlet, Add	*1,505.66*	
23 21 16 00-0039	EA	5" Cast Steel, Threaded Inlet, Drip-Pan Elbow	3,518.10	53.62
		For Flanged Inlet, Add	*2,246.48*	
23 21 16 00-0040	EA	6" Cast Steel, Threaded Inlet, Drip-Pan Elbow	3,571.72	67.56
		For Flanged Inlet, Add	*2,246.48*	
23 21 16 00-0041	EA	8" Cast Steel, Threaded Inlet, Drip-Pan Elbow	6,030.60	89.00
		For Flanged Inlet, Add	*3,857.75*	
23 21 16 00-0042		**Y-Type Strainers** *(23 21 16)*		
23 21 16 00-0043		**Screwed Ends, 250 LB, Iron Body, Y-Type Strainers** *(23 21 16 00-0042)*		
23 21 16 00-0044	EA	1/4" Or 3/8" Screwed Ends, 250 LB, Iron Body, Y-Type Strainer	80.41	12.90
		For Galvanized Body, Add	*21.77*	
		For Work In Restricted Working Space, Add	*11.06*	
23 21 16 00-0045	EA	1/2" Screwed Ends, 250 LB, Iron Body, Y-Type Strainer	80.98	13.14
		For Galvanized Body, Add	*21.77*	
		For Work In Restricted Working Space, Add	*11.24*	
23 21 16 00-0046	EA	3/4" Screwed Ends, 250 LB, Iron Body, Y-Type Strainer	102.67	17.75
		For Galvanized Body, Add	*25.98*	
		For Work In Restricted Working Space, Add	*15.21*	
23 21 16 00-0047	EA	1" Screwed Ends, 250 LB, Iron Body, Y-Type Strainer	130.71	21.20
		For Galvanized Body, Add	*35.11*	
		For Work In Restricted Working Space, Add	*18.15*	
23 21 16 00-0048	EA	1-1/4" Screwed Ends, 250 LB, Iron Body, Y-Type Strainer	171.10	26.22
		For Galvanized Body, Add	*48.10*	
		For Work In Restricted Working Space, Add	*22.47*	
23 21 16 00-0049	EA	1-1/2" Screwed Ends, 250 LB, Iron Body, Y-Type Strainer	196.52	28.24
		For Galvanized Body, Add	*57.93*	
		For Work In Restricted Working Space, Add	*24.20*	
23 21 16 00-0050	EA	2" Screwed Ends, 250 LB, Iron Body, Y-Type Strainer	270.53	32.26
		For Galvanized Body, Add	*89.17*	
		For Work In Restricted Working Space, Add	*27.66*	
23 21 16 00-0051	EA	2-1/2" Screwed Ends, 250 LB, Iron Body, Y-Type Strainer	516.16	40.33
		For Galvanized Body, Add	*200.46*	
		For Work In Restricted Working Space, Add	*34.57*	
23 21 16 00-0052	EA	3" Screwed Ends, 250 LB, Iron Body, Y-Type Strainer	667.86	50.48
		For Galvanized Body, Add	*261.90*	
		For Work In Restricted Working Space, Add	*43.22*	

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23 21 16 00-0053		**Flanged, 125 LB, Iron Body , Y-Type Strainers** *(23 21 16 00-0042)*		
23 21 16 00-0054	EA	1-1/2" Flanged, 125 LB, Iron Body, Y-Type Strainer	412.35	121.01
		For Galvanized Body, Add	*130.36*	
		For Work In Restricted Working Space, Add	*45.49*	
23 21 16 00-0055	EA	2" Flanged, 125 LB, Iron Body, Y-Type Strainer	474.22	153.62
		For Galvanized Body, Add	*141.07*	
		For Work In Restricted Working Space, Add	*57.62*	
23 21 16 00-0056	EA	3" Flanged, 125 LB, Iron Body, Y-Type Strainer	917.80	195.92
		For Galvanized Body, Add	*336.31*	
		For Work In Restricted Working Space, Add	*73.56*	
23 21 16 00-0057	EA	4" Flanged, 125 LB, Iron Body, Y-Type Strainer	1,174.87	328.44
		For Galvanized Body, Add	*381.64*	
		For Work In Restricted Working Space, Add	*123.48*	
23 21 16 00-0058	EA	5" Flanged, 125 LB, Iron Body, Y-Type Strainer	1,266.84	330.84
		For Galvanized Body, Add	*426.97*	
		For Work In Restricted Working Space, Add	*123.87*	
23 21 16 00-0059	EA	6" Flanged, 125 LB, Iron Body, Y-Type Strainer	1,521.68	367.60
		For Galvanized Body, Add	*530.27*	
		For Work In Restricted Working Space, Add	*138.34*	
23 21 16 00-0060	EA	8" Flanged, 125 LB, Iron Body, Y-Type Strainer	2,672.21	469.71
		For Galvanized Body, Add	*1,044.37*	
		For Work In Restricted Working Space, Add	*175.04*	
23 21 16 00-0061	EA	10" Flanged, 125 LB, Iron Body, Y-Type Strainer	5,370.17	571.81
		For Galvanized Body, Add	*2,327.71*	
		For Work In Restricted Working Space, Add	*214.43*	
23 21 16 00-0062	EA	12" Flanged, 125 LB, Iron Body, Y-Type Strainer	5,861.68	510.55
		For Galvanized Body, Add	*2,420.30*	
		For Work In Restricted Working Space, Add	*306.33*	
23 21 16 00-0063		**Screwed Ends, 150 LB, Bronze Body, Y-Type Strainers** *(23 21 16 00-0042)*		
		Note: With screwed cap (4" size has bolted cap).		
23 21 16 00-0064	EA	1/2" Screwed Ends, 150 LB, Bronze Body, Y-Type Strainer	71.55	13.14
		For 300 LB Rating, Add	*57.97*	
		For Work In Restricted Working Space, Add	*11.24*	
23 21 16 00-0065	EA	3/4" Screwed Ends, 150 LB, Bronze Body, Y-Type Strainer	95.04	17.75
		For 300 LB Rating, Add	*75.36*	
		For Work In Restricted Working Space, Add	*15.21*	
23 21 16 00-0066	EA	1" Screwed Ends, 150 LB, Bronze Body, Y-Type Strainer	116.34	21.20
		For 300 LB Rating, Add	*94.93*	
		For Work In Restricted Working Space, Add	*18.15*	
23 21 16 00-0067	EA	1-1/4" Screwed Ends, 150 LB, Bronze Body, Y-Type Strainer	158.80	26.22
		For 300 LB Rating, Add	*142.61*	
		For Work In Restricted Working Space, Add	*22.47*	
23 21 16 00-0068	EA	1-1/2" Screwed Ends, 150 LB, Bronze Body, Y-Type Strainer	189.63	28.24
		For 300 LB Rating, Add	*185.23*	
		For Work In Restricted Working Space, Add	*24.20*	
23 21 16 00-0069	EA	2" Screwed Ends, 150 LB, Bronze Body, Y-Type Strainer	254.43	32.26
		For 300 LB Rating, Add	*275.81*	
		For Work In Restricted Working Space, Add	*27.66*	
23 21 16 00-0070	EA	2-1/2" Screwed Ends, 150 LB, Bronze Body, Y-Type Strainer	358.65	40.33
		For 300 LB Rating, Add	*413.80*	
		For Work In Restricted Working Space, Add	*34.57*	
23 21 16 00-0071	EA	3" Screwed Ends, 150 LB, Bronze Body, Y-Type Strainer	648.73	50.48
		For 300 LB Rating, Add	*857.94*	
		For Work In Restricted Working Space, Add	*43.22*	
23 21 16 00-0072	EA	4" Screwed Ends, 150 LB, Bronze Body, Y-Type Strainer	1,130.66	60.50
		For 300 LB Rating, Add	*1,628.24*	
		For Work In Restricted Working Space, Add	*51.86*	
23 21 16 00-0073		**Flanged, 150 LB, Bronze Body, Y-Type Strainers** *(23 21 16 00-0042)*		
		Note: With bolted cap.		
23 21 16 00-0074	EA	2" Flanged, 150 LB, Bronze Body, Y-Type Strainer	615.72	153.62
		For 300 LB Rating, Add	*254.18*	
		For Work In Restricted Working Space, Add	*57.62*	
23 21 16 00-0075	EA	2-1/2" Flanged, 150 LB, Bronze Body, Y-Type Strainer	641.15	167.11
		For 300 LB Rating, Add	*258.97*	
		For Work In Restricted Working Space, Add	*62.86*	
23 21 16 00-0076	EA	3" Flanged, 150 LB, Bronze Body, Y-Type Strainer	739.44	195.92
		For 300 LB Rating, Add	*296.55*	
		For Work In Restricted Working Space, Add	*73.56*	
23 21 16 00-0077	EA	4" Flanged, 150 LB, Bronze Body, Y-Type Strainer	1,612.53	328.44
		For 300 LB Rating, Add	*720.56*	
		For Work In Restricted Working Space, Add	*123.48*	
23 21 16 00-0078	EA	6" Flanged, 150 LB, Bronze Body, Y-Type Strainer	2,281.56	367.60
		For 300 LB Rating, Add	*1,092.25*	
		For Work In Restricted Working Space, Add	*138.34*	
23 21 16 00-0079	EA	8" Flanged, 150 LB, Bronze Body, Y-Type Strainer	3,690.17	469.71
		For 300 LB Rating, Add	*1,864.01*	
		For Work In Restricted Working Space, Add	*175.04*	
23 21 16 00-0080	EA	10" Flanged, 150 LB, Bronze Body, Y-Type Strainer	11,865.09	571.81
		For 300 LB Rating, Add	*6,690.20*	
		For Work In Restricted Working Space, Add	*214.43*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 16 00-0081		**Cast Iron Body, Suction Diffusers** *(23 21 16)* Note: 175 PSI, steel inlet vanes, steel orifice cylinder and 16 mesh bronze startup strainer.		
23 21 16 00-0082	EA	2" x 1-1/2" Screwed Ends, 175 LB, Cast Iron Body, Suction Diffuser	538.00	45.41
		For Work In Restricted Working Space, Add	*22.23*	
23 21 16 00-0083	EA	2" x 2" Screwed Ends, 175 LB, Cast Iron Body, Suction Diffuser	564.77	50.37
		For Work In Restricted Working Space, Add	*24.70*	
23 21 16 00-0084	EA	2-1/2" x 2" Screwed Ends, 175 LB, Cast Iron Body, Suction Diffuser	573.56	52.89
		For Work In Restricted Working Space, Add	*25.94*	
23 21 16 00-0085	EA	2-1/2" x 2-1/2" Flanged, 175 LB, Cast Iron Body, Suction Diffuser	1,081.65	167.11
		For Work In Restricted Working Space, Add	*62.86*	
23 21 16 00-0086	EA	3" x 1-1/2" Screwed Ends, 175 LB, Cast Iron Body, Suction Diffuser	592.15	61.54
		For Work In Restricted Working Space, Add	*30.13*	
23 21 16 00-0087	EA	3" x 2" Screwed Ends, 175 LB, Cast Iron Body, Suction Diffuser	671.01	61.54
		For Work In Restricted Working Space, Add	*30.13*	
23 21 16 00-0088	EA	3" x 2-1/2" Flanged, 175 LB, Cast Iron Body, Suction Diffuser	1,131.96	181.89
		For Work In Restricted Working Space, Add	*68.21*	
23 21 16 00-0089	EA	3" x 3" Flanged, 175 LB, Cast Iron Body, Suction Diffuser	1,154.43	195.92
		For Work In Restricted Working Space, Add	*73.56*	
23 21 16 00-0090	EA	4" x 3" Flanged, 175 LB, Cast Iron Body, Suction Diffuser	1,399.99	262.71
		For Work In Restricted Working Space, Add	*98.52*	
23 21 16 00-0091	EA	4" x 4" Flanged, 175 LB, Cast Iron Body, Suction Diffuser	1,645.55	328.44
		For Work In Restricted Working Space, Add	*123.48*	
23 21 16 00-0092	EA	6" x 4" Flanged, 175 LB, Cast Iron Body, Suction Diffuser	1,888.10	330.32
		For Work In Restricted Working Space, Add	*123.87*	
23 21 16 00-0093	EA	6" x 6" Flanged, 175 LB, Cast Iron Body, Suction Diffuser	2,284.25	367.60
		For Work In Restricted Working Space, Add	*138.34*	
23 21 16 00-0094	EA	8" x 6" Flanged, 175 LB, Cast Iron Body, Suction Diffuser	2,578.23	469.71
		For Work In Restricted Working Space, Add	*175.04*	
23 21 16 00-0095	EA	8" x 8" Flanged, 175 LB, Cast Iron Body, Suction Diffuser	4,011.67	469.71
		For Work In Restricted Working Space, Add	*175.04*	
23 21 16 00-0096	EA	10" x 8" Flanged, 175 LB, Cast Iron Body, Suction Diffuser	4,579.01	571.81
		For Work In Restricted Working Space, Add	*214.43*	
23 21 16 00-0097	EA	10" x 10" Flanged, 175 LB, Cast Iron Body, Suction Diffuser	5,363.00	571.81
		For Work In Restricted Working Space, Add	*214.43*	
23 21 16 00-0098		**Duplex Strainers** *(23 21 16)*		
23 21 16 00-0099		**Iron Body, Duplex Strainers** *(23 21 16 00-0098)*		
23 21 16 00-0100		**Screwed Ends, 125 LB, Bronze Diverter, Iron Body, Duplex Strainers** *(23 21 16 00-0099)* Note: With brass or stainless steel basket.		
23 21 16 00-0101	EA	3/4" Screwed Ends, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer	927.04	28.70
		For Work In Restricted Working Space, Add	*17.23*	
23 21 16 00-0102	EA	1" Screwed Ends, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer	1,034.99	32.85
		For Work In Restricted Working Space, Add	*19.72*	
23 21 16 00-0103	EA	1-1/4" Screwed Ends, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer	1,404.23	38.61
		For Work In Restricted Working Space, Add	*23.15*	
23 21 16 00-0104	EA	1-1/2" Screwed Ends, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer	1,769.00	42.07
		For Work In Restricted Working Space, Add	*25.24*	
23 21 16 00-0105	EA	2" Screwed Ends, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer	2,372.04	51.28
		For Work In Restricted Working Space, Add	*30.87*	
23 21 16 00-0106	EA	2-1/2" Screwed Ends, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer	2,984.75	65.69
		For Work In Restricted Working Space, Add	*39.40*	
23 21 16 00-0107		**Flanged, 125 LB, Bronze Diverter, Iron Body, Duplex Strainers** *(23 21 16 00-0099)* Note: With brass or stainless steel basket.		
23 21 16 00-0108	EA	2" Flanged, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer	3,226.66	153.62
		For Work In Restricted Working Space, Add	*57.62*	
23 21 16 00-0109	EA	2-1/2" Flanged, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer	3,334.70	167.11
		For Work In Restricted Working Space, Add	*62.86*	
23 21 16 00-0110	EA	3" Flanged, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer	4,276.20	195.92
		For Work In Restricted Working Space, Add	*73.56*	
23 21 16 00-0111	EA	4" Flanged, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer	6,705.60	291.01
		For Work In Restricted Working Space, Add	*109.40*	
23 21 16 00-0112	EA	6" Flanged, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer	13,142.97	367.60
		For Work In Restricted Working Space, Add	*138.34*	
23 21 16 00-0113	EA	8" Flanged, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer	25,041.30	469.71
		For Work In Restricted Working Space, Add	*175.04*	
23 21 16 00-0114	EA	10" Flanged, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer	34,593.36	571.81
		For Work In Restricted Working Space, Add	*214.43*	
23 21 16 00-0115	EA	12" Flanged, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer	39,125.37	720.89
		For Work In Restricted Working Space, Add	*432.67*	
23 21 16 00-0116	EA	14" Flanged, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer	46,675.68	816.88
		For Work In Restricted Working Space, Add	*306.33*	
23 21 16 00-0117	EA	16" Flanged, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer	58,372.60	898.56
		For Work In Restricted Working Space, Add	*336.96*	
23 21 16 00-0118		**Bronze Body, Duplex Strainers** *(23 21 16 00-0098)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 16 00-0119		Screwed Ends, 125 LB, Bronze Diverter, Bronze Body Duplex Strainers *(23 21 16 00-0118)*		
		Note: With brass or stainless steel basket.		
23 21 16 00-0120	EA	3/4" Screwed Ends, 125 LB, Bronze Diverter, Bronze Body Duplex Strainer	1,733.24	28.81
		For Work In Restricted Working Space, Add	*17.23*	
23 21 16 00-0121	EA	1" Screwed Ends, 125 LB, Bronze Diverter, Bronze Body Duplex Strainer	1,922.72	32.85
		For Work In Restricted Working Space, Add	*19.72*	
23 21 16 00-0122	EA	1-1/4" Screwed Ends, 125 LB, Bronze Diverter, Bronze Body Duplex Strainer	2,817.35	38.61
		For Work In Restricted Working Space, Add	*23.15*	
23 21 16 00-0123	EA	1-1/2" Screwed Ends, 125 LB, Bronze Diverter, Bronze Body Duplex Strainer	3,707.51	42.07
		For Work In Restricted Working Space, Add	*25.24*	
23 21 16 00-0124	EA	2" Screwed Ends, 125 LB, Bronze Diverter, Bronze Body Duplex Strainer	4,790.65	51.28
		For Work In Restricted Working Space, Add	*30.87*	
23 21 16 00-0125	EA	2-1/2" Screwed, 125 LB, Bronze Diverter, Bronze Body Duplex Strainer	5,883.46	65.69
		For Work In Restricted Working Space, Add	*39.40*	
23 21 16 00-0126		Flanged, 125 LB, Bronze Diverter, Bronze Body, Duplex Strainers *(23 21 16 00-0118)*		
		Note: With brass or stainless steel basket.		
23 21 16 00-0127	EA	2" Flanged, 125 LB, Bronze Diverter, Bronze Body, Duplex Strainer	6,714.16	153.62
		For Work In Restricted Working Space, Add	*57.62*	
23 21 16 00-0128	EA	2-1/2" Flanged, 125 LB, Bronze Diverter, Bronze Body, Duplex Strainer	6,912.78	167.11
		For Work In Restricted Working Space, Add	*62.86*	
23 21 16 00-0129	EA	3" Flanged, 125 LB, Bronze Diverter, Bronze Body, Duplex Strainer	9,484.81	195.92
		For Work In Restricted Working Space, Add	*73.56*	
23 21 16 00-0130	EA	4" Flanged, 125 LB, Bronze Diverter, Bronze Body, Duplex Strainer	14,948.78	291.01
		For Work In Restricted Working Space, Add	*109.40*	
23 21 16 00-0131	EA	6" Flanged, 125 LB, Bronze Diverter, Bronze Body, Duplex Strainer	32,528.05	367.60
		For Work In Restricted Working Space, Add	*138.34*	
23 21 16 00-0132		Cast Steel Body, Duplex Strainers *(23 21 16 00-0098)*		
23 21 16 00-0133		Screwed Ends, 125 LB, Bronze Diverter, Cast Steel Body, Duplex Strainers *(23 21 16 00-0132)*		
		Note: With brass or stainless steel basket.		
23 21 16 00-0134	EA	1" Screwed Ends, 125 LB, Bronze Diverter, Cast Steel Body, Duplex Strainer	2,703.36	32.85
		For Work In Restricted Working Space, Add	*19.73*	
23 21 16 00-0135	EA	1-1/4" Screwed Ends, 125 LB, Bronze Diverter, Cast Steel Body, Duplex Strainer	3,330.21	38.61
		For Work In Restricted Working Space, Add	*23.15*	
23 21 16 00-0136	EA	1-1/2" Screwed Ends, 125 LB, Bronze Diverter, Cast Steel Body, Duplex Strainer	3,952.63	42.07
		For Work In Restricted Working Space, Add	*25.24*	
23 21 16 00-0137	EA	2" Screwed Ends, 125 LB, Bronze Diverter, Cast Steel Body, Duplex Strainer	6,696.92	51.28
		For Work In Restricted Working Space, Add	*30.87*	
23 21 16 00-0138		Flanged, 125 LB, Bronze Diverter, Cast Steel Body, Duplex Strainers *(23 21 16 00-0132)*		
		Note: With brass or stainless steel basket.		
23 21 16 00-0139	EA	2" Flanged, 125 LB, Bronze Diverter, Cast Steel Body, Duplex Strainer	6,830.06	153.62
		For Work In Restricted Working Space, Add	*57.62*	
23 21 16 00-0140	EA	2-1/2" Flanged, 125 LB, Bronze Diverter, Cast Steel Body, Duplex Strainer	7,506.91	167.11
		For Work In Restricted Working Space, Add	*62.86*	
23 21 16 00-0141	EA	3" Flanged, 125 LB, Bronze Diverter, Cast Steel Body, Duplex Strainer	9,872.46	195.92
		For Work In Restricted Working Space, Add	*73.56*	
23 21 16 00-0142	EA	4" Flanged, 125 LB, Bronze Diverter, Cast Steel Body, Duplex Strainer	14,475.88	291.01
		For Work In Restricted Working Space, Add	*109.40*	
23 21 16 00-0143	EA	6" Flanged, 125 LB, Bronze Diverter, Cast Steel Body, Duplex Strainer	24,727.13	367.60
		For Work In Restricted Working Space, Add	*138.34*	
23 21 16 00-0144	EA	8" Flanged, 125 LB, Bronze Diverter, Cast Steel Body, Duplex Strainer	48,236.26	469.71
		For Work In Restricted Working Space, Add	*175.04*	
23 21 16 00-0145		Stainless Steel Body, Duplex Strainers *(23 21 16 00-0098)*		
23 21 16 00-0146		Screwed Ends, 125 LB, Stainless Steel Diverter, Stainless Steel Body, Duplex Strainers *(23 21 16 00-0145)*		
		Note: With stainless steel basket.		
23 21 16 00-0147	EA	1" Screwed Ends, 125 LB, Stainless Steel Diverter, Stainless Steel Body, Duplex Strainer	6,489.64	32.85
		For Work In Restricted Working Space, Add	*19.73*	
23 21 16 00-0148	EA	1-1/4" Screwed Ends, 125 LB, Stainless Steel Diverter, Stainless Steel Body, Duplex Strainer	8,202.19	38.61
		For Work In Restricted Working Space, Add	*23.15*	
23 21 16 00-0149	EA	1-1/2" Screwed Ends, 125 LB, Stainless Steel Diverter, Stainless Steel Body, Duplex Strainer	9,898.41	42.07
		For Work In Restricted Working Space, Add	*25.24*	
23 21 16 00-0150	EA	2" Screwed Ends, 125 LB, Stainless Steel Diverter, Stainless Steel Body, Duplex Strainer	15,865.22	51.28
		For Work In Restricted Working Space, Add	*30.87*	
23 21 16 00-0151		Flanged, 125 LB, Stainless Steel Diverter, Stainless Steel Body, Duplex Strainers *(23 21 16 00-0145)*		
		Note: With stainless steel basket.		
23 21 16 00-0152	EA	2" Flanged, 125 LB, Stainless Steel Diverter, Stainless Steel Body, Duplex Strainer	16,608.68	153.62
		For Work In Restricted Working Space, Add	*57.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 16 00-0153	EA	2-1/2" Flanged, 125 LB, Stainless Steel Diverter, Stainless Steel Body, Duplex Strainer	17,458.86	167.11
		For Work In Restricted Working Space, Add	*62.86*	
23 21 16 00-0154	EA	3" Flanged, 125 LB, Stainless Steel Diverter, Stainless Steel Body, Duplex Strainer	27,368.27	195.92
		For Work In Restricted Working Space, Add	*73.56*	
23 21 16 00-0155	EA	4" Flanged, 125 LB, Stainless Steel Diverter, Stainless Steel Body, Duplex Strainer	33,435.80	291.01
		For Work In Restricted Working Space, Add	*109.40*	
23 21 16 00-0156	EA	6" Flanged, 125 LB, Stainless Steel Diverter, Stainless Steel Body, Duplex Strainer	58,751.97	367.60
		For Work In Restricted Working Space, Add	*138.34*	
23 21 16 00-0157	EA	8" Flanged, 125 LB, Stainless Steel Diverter, Stainless Steel Body, Duplex Strainer	108,599.95	469.71
		For Work In Restricted Working Space, Add	*175.04*	

23 21 16 00-0158 Pressure Regulating Valve *(23 21 16)*

23 21 16 00-0159 Screwed Ends, Iron Body, Water Pressure Reducing Valves *(23 21 16 00-0158)*

Note: For building services, 25 - 75 PSI, up to 300 Lbs. rating

23 21 16 00-0160	EA	1/2" Screwed Ends, Iron Construction, Water Pressure Reducing Valve	227.45	14.38
		For Work In Restricted Working Space, Add	*17.26*	
23 21 16 00-0161	EA	3/4" Screwed Ends, Iron Construction, Water Pressure Reducing Valve	280.49	16.11
		For Work In Restricted Working Space, Add	*19.18*	
23 21 16 00-0162	EA	1" Screwed Ends, Iron Construction, Water Pressure Reducing Valve	369.63	17.26
		For Work In Restricted Working Space, Add	*20.31*	
23 21 16 00-0163	EA	1-1/4" Screwed Ends, Iron Construction, Water Pressure Reducing Valve	634.83	19.33
		For Work In Restricted Working Space, Add	*23.01*	
23 21 16 00-0164	EA	1-1/2" Screwed Ends, Iron Construction, Water Pressure Reducing Valve	861.95	23.01
		For Work In Restricted Working Space, Add	*27.61*	
23 21 16 00-0165	EA	2" Screwed Ends, Iron Construction, Water Pressure Reducing Valve	1,234.97	35.28
		For Work In Restricted Working Space, Add	*42.38*	
23 21 16 00-0166	EA	2-1/2" Screwed Ends, Iron Construction, Water Pressure Reducing Valve	1,343.26	39.73
		For Work In Restricted Working Space, Add	*47.68*	
23 21 16 00-0167	EA	3" Screwed Ends, Iron Construction, Water Pressure Reducing Valve	1,475.92	114.96
		For Work In Restricted Working Space, Add	*52.98*	

23 21 16 00-0168 Cast Iron Body, Steam Pressure Regulator And Reducer *(23 21 16 00-0158)*

Note: Single seated, spring loaded, direct acting diaphragm valve.

23 21 16 00-0169 Screwed Ends, Cast Iron Body, Steam Pressure Regulator And Reducer *(23 21 16 00-0168)*

23 21 16 00-0170	EA	1/2" Screwed Ends, Cast Iron Body, Steam Pressure Regulator Valve And Reducer	383.36	19.36
		For Work In Restricted Working Space, Add	*23.20*	
23 21 16 00-0171	EA	3/4" Screwed Ends, Cast Iron Body, Steam Pressure Regulator Valve And Reducer	479.96	27.43
		For Work In Restricted Working Space, Add	*32.93*	
23 21 16 00-0172	EA	1" Screwed Ends, Cast Iron Body, Steam Pressure Regulator Valve And Reducer	616.99	33.42
		For Work In Restricted Working Space, Add	*40.20*	
23 21 16 00-0173	EA	1-1/4" Screwed Ends, Cast Iron Body, Steam Pressure Regulator Valve And Reducer	825.73	40.57
		For Work In Restricted Working Space, Add	*46.72*	
23 21 16 00-0174	EA	1-1/2" Screwed Ends, Cast Iron Body, Steam Pressure Regulator Valve And Reducer	1,108.73	46.10
		For Work In Restricted Working Space, Add	*53.19*	
23 21 16 00-0175	EA	2" Screwed Ends, Cast Iron Body, Steam Pressure Regulator Valve And Reducer	1,295.99	64.34
		For Work In Restricted Working Space, Add	*64.34*	

23 21 16 00-0176 Flanged, Cast Iron Body, Steam Pressure Regulator And Reducer *(23 21 16 00-0168)*

Note: Single seated, spring loaded, direct acting diaphragm valve.

23 21 16 00-0177	EA	2-1/2" Flanged, Cast Iron Body, Steam Pressure Regulator Valve And Reducer	2,990.71	155.49
		For Work In Restricted Working Space, Add	*58.49*	
23 21 16 00-0178	EA	3" Flanged, Cast Iron Body, Steam Pressure Regulator Valve And Reducer	3,718.89	182.29
		For Work In Restricted Working Space, Add	*68.45*	
23 21 16 00-0179	EA	4" Flanged, Cast Iron Body, Steam Pressure Regulator Valve And Reducer	4,782.56	305.61
		For Work In Restricted Working Space, Add	*114.89*	
23 21 16 00-0180	EA	6" Flanged, Cast Iron Body, Steam Pressure Regulator Valve And Reducer	11,937.17	381.63
		For Work In Restricted Working Space, Add	*143.62*	

23 21 16 00-0181 Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valves *(23 21 16 00-0158)*

23 21 16 00-0182 Screwed Ends, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valves *(23 21 16 00-0181)*

23 21 16 00-0183	EA	1/2" Screwed Ends, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valve	2,168.29	14.06
		For Work In Restricted Working Space, Add	*21.09*	
23 21 16 00-0184	EA	3/4" Screwed Ends, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valve	2,213.79	14.06
		For Work In Restricted Working Space, Add	*21.09*	
23 21 16 00-0185	EA	1" Screwed Ends, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valve	2,358.62	17.75
		For Work In Restricted Working Space, Add	*26.62*	
23 21 16 00-0186	EA	1-1/4" Screwed Ends, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valve	2,772.08	22.58
		For Work In Restricted Working Space, Add	*33.88*	
23 21 16 00-0187	EA	1-1/2" Screwed Ends, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valve	3,173.59	26.05
		For Work In Restricted Working Space, Add	*39.07*	
23 21 16 00-0188	EA	2" Screwed Ends, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valve	3,934.74	30.65
		For Work In Restricted Working Space, Add	*45.99*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 16 00-0189		**Flanged, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valves** *(23 21 16 00-0181)*		
23 21 16 00-0190	EA	2-1/2" Flanged, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valve	4,861.11	155.49
		For Work In Restricted Working Space, Add	*58.49*	
23 21 16 00-0191	EA	3" Flanged, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valve	5,996.37	182.29
		For Work In Restricted Working Space, Add	*68.45*	
23 21 16 00-0192	EA	4" Flanged, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valve	9,083.33	305.61
		For Work In Restricted Working Space, Add	*114.89*	
23 21 16 00-0193	EA	6" Flanged, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valve	19,997.67	381.63
		For Work In Restricted Working Space, Add	*143.62*	
23 21 16 00-0194		**Screwed Ends, Cast Iron Body, Air Pressure Reducing Valves** *(23 21 16 00-0158)*		
23 21 16 00-0195	EA	1/2" Screwed Ends, Cast Iron Body, Air Pressure Reducing Valve	255.39	14.95
23 21 16 00-0196	EA	3/4" Screwed Ends, Cast Iron Body, Air Pressure Reducing Valve	316.10	16.56
23 21 16 00-0197	EA	1" Screwed Ends, Cast Iron Body, Air Pressure Reducing Valve	419.28	17.60
23 21 16 00-0198	EA	1-1/4" Screwed Ends, Cast Iron Body, Air Pressure Reducing Valve	726.60	20.02
23 21 16 00-0199	EA	1-1/2" Screwed Ends, Cast Iron Body, Air Pressure Reducing Valve	988.51	23.93
23 21 16 00-0200	EA	2" Screwed Ends, Cast Iron Body, Air Pressure Reducing Valve	1,414.80	36.66
23 21 16 00-0201	EA	2-1/2" Screwed Ends, Cast Iron Body, Air Pressure Reducing Valve	1,532.70	39.94
23 21 16 00-0202	EA	3" Screwed Ends, Cast Iron Body, Air Pressure Reducing Valve	1,689.57	45.98
23 21 16 00-0203		**Screwed Ends, Bronze Body, Water Pressure Reducing Valves** *(23 21 16 00-0158)* Note: For building services, bronze construction, pressure adjustment, union and strainer, factory set at 45 PSI (Watts 25AUB).		
23 21 16 00-0204	EA	1/2" Screwed Ends, Bronze Body, Water Pressure Reducing Valve	208.43	14.38
23 21 16 00-0205	EA	3/4" Screwed Ends, Bronze Body, Water Pressure Reducing Valve	228.98	16.11
23 21 16 00-0206	EA	1" Screwed Ends, Bronze Body, Water Pressure Reducing Valve	285.86	17.83
23 21 16 00-0207	EA	1-1/4" Screwed Ends, Bronze Body, Water Pressure Reducing Valve	686.89	19.33
23 21 16 00-0208	EA	1-1/2" Screwed Ends, Bronze Body, Water Pressure Reducing Valve	743.48	23.01
23 21 16 00-0209	EA	2" Screwed Ends, Bronze Body, Water Pressure Reducing Valve	1,168.69	35.28
23 21 16 00-0210		**Dual Unit Reducing And Relief Valve** *(23 21 16)*		
23 21 16 00-0211	EA	1/2" Dual Unit Reducing And Relief Valve	234.80	35.15
23 21 16 00-0212		**Safety Relief Valve** *(23 21 16)* Note: Used in water heater and hot water storage tank applications.		
23 21 16 00-0213		**Threaded Inlet, Bronze Body Safety Valves** *(23 21 16 00-0212)* Note: Variable set points to 150 psig pressure, 210 Degree F temperature range.		
23 21 16 00-0214	EA	1/2" x 1/2" Threaded Inlet, Bronze Body Safety Valve	83.65	14.38
23 21 16 00-0215	EA	3/4" x 3/4" Threaded Inlet, Bronze Body Safety Valve	118.29	15.82
23 21 16 00-0216	EA	1" x 1" Threaded Inlet, Bronze Body Safety Valve	172.95	19.27
23 21 16 00-0217	EA	1-1/4" x 1-1/4" Threaded Inlet, Bronze Body Safety Valve	226.26	20.42
23 21 16 00-0218	EA	1-1/2" x 1-1/2" Threaded Inlet, Bronze Body Safety Valve	312.01	27.33
23 21 16 00-0219	EA	2" x 2" Threaded Inlet, Bronze Body Safety Valve	421.15	32.21
23 21 16 00-0220	EA	2-1/2" x 2-1/2" Threaded Inlet, Bronze Body Safety Valve	475.36	40.27
23 21 16 00-0221		**Threaded, Bronze Body, Temperature And Pressure Relief Valves** *(23 21 16)*		
23 21 16 00-0222	EA	1/2" x 1/2" Threaded, Bronze Body, Temperature And Pressure Relief Valve	96.29	29.34
		For Cast Iron Body, Add	*60.44*	
23 21 16 00-0223	EA	3/4" x 3/4" Threaded, Bronze Body, Temperature And Pressure Relief Valve	124.88	35.21
		For Cast Iron Body, Add	*84.19*	
23 21 16 00-0224	EA	1" x 1" Threaded, Bronze Body, Temperature And Pressure Relief Valve	183.98	46.94
		For Cast Iron Body, Add	*134.09*	
23 21 16 00-0225	EA	1-1/4" x 1-1/4" Threaded, Bronze Body, Temperature And Pressure Relief Valve	310.17	50.28
		For Cast Iron Body, Add	*284.98*	
23 21 16 00-0226	EA	1-1/2" x 1-1/2" Threaded, Bronze Body, Temperature And Pressure Relief Valve	528.12	56.38
		For Cast Iron Body, Add	*545.14*	
23 21 16 00-0227	EA	2" x 2" Threaded, Bronze Body, Temperature And Pressure Relief Valve	607.33	81.06
		For Cast Iron Body, Add	*593.60*	
23 21 16 00-0228		**Thermostatic Radiator Valves** *(23 21 16)* Note: For hot water or two pipe low pressure steam.		
23 21 16 00-0229	EA	1/2" Straight Thermostatic Radiator Valve (Danfoss 013G8015)	84.98	18.59
23 21 16 00-0230	EA	3/4" Straight Thermostatic Radiator Valve (Danfoss 013G8020)	103.76	25.05
23 21 16 00-0231	EA	1" Straight Thermostatic Radiator Valve (Danfoss 013G8025)	137.72	30.33
23 21 16 00-0232	EA	1-1/4" Straight Thermostatic Radiator Valve (Danfoss 013G8032)	212.43	38.42
23 21 16 00-0233	EA	1/2" Angle Thermostatic Radiator Valve (Danfoss 013G8014)	84.98	18.59
23 21 16 00-0234	EA	3/4" Angle Thermostatic Radiator Valve (Danfoss 013G8019)	103.76	25.05
23 21 16 00-0235	EA	1" Angle Thermostatic Radiator Valve (Danfoss 013G8024)	137.72	30.33
23 21 16 00-0236	EA	1-1/4" Angle Thermostatic Radiator Valve (Danfoss 013G8031)	212.43	38.42
23 21 16 00-0237	EA	Tamper Resistant Valve Mounted Dial And Sensor Thermostatic Operator (Danfoss 013G8240)	86.17	14.40
23 21 16 00-0238	EA	Tamper Resistant Valve Mounted Dial With Remote Sensor Thermostatic Operator (Danfoss 013G2922)	144.39	20.17

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 16 00-0239		**Radiator Trap Repair Kits** *(23 21 16)*		
		Note: For hot water or two pipe low pressure steam.		
23 21 16 00-0240	EA	1/2" Trap (Spirax-Sarco TH-125), Straight, Radiator Trap Repair Kit (Spirax-Sarco SH1031)	151.01	
23 21 16 00-0241	EA	3/4" Trap (Spirax-Sarco TH-125), Straight, Radiator Trap Repair Kit (Spirax-Sarco SH1032)	188.75	
23 21 16 00-0242	EA	1/2" Trap (Spirax-Sarco TH-125), Angle, Radiator Trap Repair Kit (Spirax-Sarco SH1026)	191.72	
23 21 16 00-0243	EA	3/4" Trap (Spirax-Sarco TH-125), Angle, Radiator Trap Repair Kit (Spirax-Sarco SH1027)	217.85	
23 21 16 00-0244	EA	1" Trap (Spirax-Sarco TH-125), Angle, Radiator Trap Repair Kit (Spirax-Sarco SH1028)	517.43	
23 21 16 00-0245		**Horizontal Steel Expansion Tanks** *(23 21 16)*		
		Note: ASME Code Stamp. 150 PSI with glass gauge and cocks.		
23 21 16 00-0246	EA	10 Gallon Horizontal Steel Expansion Tank	835.96	115.24
23 21 16 00-0247	EA	15 Gallon Horizontal Steel Expansion Tank	1,196.31	144.06
23 21 16 00-0248	EA	30 Gallon Horizontal Steel Expansion Tank	1,579.43	172.87
23 21 16 00-0249	EA	40 Gallon Horizontal Steel Expansion Tank	1,816.11	201.68
23 21 16 00-0250	EA	60 Gallon Horizontal Steel Expansion Tank	2,109.40	204.21
23 21 16 00-0251		**Vertical Diaphragm Type (Bladder) Steel Expansion Tanks (Armstrong AX)** *(23 21 16)*		
		Note: ASME. Precharged with working pressure 125 psi		
23 21 16 00-0252	EA	8.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank	1,812.23	86.43
23 21 16 00-0253	EA	11.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank	1,870.09	100.83
23 21 16 00-0254	EA	22.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank	2,678.63	115.24
23 21 16 00-0255	EA	34.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank	2,859.99	129.65
23 21 16 00-0256	EA	44.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank	3,637.04	144.06
23 21 16 00-0257	EA	56.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank	3,825.67	158.46
23 21 16 00-0258	EA	67.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank	4,665.69	172.87
23 21 16 00-0259	EA	77.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank	5,043.20	187.27
23 21 16 00-0260	EA	91.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank	5,578.11	201.68
23 21 16 00-0261	EA	111.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank	5,715.63	230.49
23 21 16 00-0262	EA	132.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank	7,032.43	259.30
23 21 16 00-0263	EA	158.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank	8,160.36	288.11
23 21 16 00-0264	EA	211.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank	9,399.17	345.74
23 21 16 00-0265		**Diaphragm Type (Residential Style) Steel Expansion Tanks** *(23 21 16)*		
23 21 16 00-0266	EA	2.1 Gallon Diaphragm Type (Residential Style) Steel Expansion Tank (Watts DET-5-M1)	103.33	10.60
23 21 16 00-0267	EA	4.5 Gallon Diaphragm Type (Residential Style) Steel Expansion Tank (Watts DET-12-M1)	148.62	10.60
23 21 16 00-0268		**Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tanks** *(23 21 16)*		
23 21 16 00-0269	EA	15 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank	1,211.83	345.85
23 21 16 00-0270	EA	20 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank	1,264.74	345.85
23 21 16 00-0271	EA	30 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank	1,317.65	345.85
23 21 16 00-0272	EA	40 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank	1,455.19	345.85
23 21 16 00-0273	EA	47 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank	1,732.88	460.86
23 21 16 00-0274	EA	60 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank	2,049.57	461.09
23 21 16 00-0275	EA	80 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank	2,112.41	461.09
23 21 16 00-0276	EA	87 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank	2,175.26	461.09
23 21 16 00-0277	EA	120 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank	2,769.17	576.22
23 21 16 00-0278	EA	187 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank	8,097.34	576.22
23 21 16 00-0279	EA	264 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank	10,304.04	691.23
23 21 16 00-0280		**ASME Construction Compression Tanks** *(23 21 16)*		
		Note: With gauge glass taps, 125 PSI, 240 degree F tanks below are sized by capacity and diameter and height. See CSI section 22 12 00 00-0000 for other tanks.		
23 21 16 00-0281	EA	15 Gallon, 13" x 34-1/2" ASME Construction Compression Tank	1,174.36	202.83
		For Galvanized Steel Tanks, Add	*433.52*	
23 21 16 00-0282	EA	24 Gallon, 13" x 51" ASME Construction Compression Tank	1,196.73	208.59
		For Galvanized Steel Tanks, Add	*439.91*	
23 21 16 00-0283	EA	30 Gallon, 13" x 61-1/2" ASME Construction Compression Tank	1,309.11	215.51
		For Galvanized Steel Tanks, Add	*490.91*	
23 21 16 00-0284	EA	40 Gallon, 16-1/4" x 53" ASME Construction Compression Tank	1,436.51	223.58
		For Galvanized Steel Tanks, Add	*548.28*	
23 21 16 00-0285	EA	60 Gallon, 16-1/4" x 76-1/2" ASME Construction Compression Tank	1,683.32	236.25
		For Galvanized Steel Tanks, Add	*663.03*	
23 21 16 00-0286	EA	80 Gallon, 20-1/4" x 68" ASME Construction Compression Tank	1,748.83	245.47
		For Galvanized Steel Tanks, Add	*688.54*	
23 21 16 00-0287	EA	100 Gallon, 20-1/4" x 82" ASME Construction Compression Tank	2,176.72	267.37
		For Galvanized Steel Tanks, Add	*886.18*	
23 21 16 00-0288	EA	120 Gallon, 24-1/4" x 71-1/2" ASME Construction Compression Tank	2,372.97	286.96
		For Galvanized Steel Tanks, Add	*969.04*	
23 21 16 00-0289	EA	144 Gallon, 24-1/4" x 83-1/2" ASME Construction Compression Tank	2,962.91	323.84
		For Galvanized Steel Tanks, Add	*1,236.26*	
23 21 16 00-0290	EA	180 Gallon, 30" x 60" ASME Construction Compression Tank	3,775.32	371.08
		For Galvanized Steel Tanks, Add	*1,606.58*	
23 21 16 00-0291	EA	202 Gallon, 30" x 72" ASME Construction Compression Tank	4,532.60	411.42
		For Galvanized Steel Tanks, Add	*1,954.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 16 00-0292	EA	230 Gallon, 30" x 84" ASME Construction Compression Tank	4,957.34	447.14
		For Galvanized Steel Tanks, Add	*2,139.72*	
23 21 16 00-0293	EA	280 Gallon, 30" x 96" ASME Construction Compression Tank	6,285.25	490.94
		For Galvanized Steel Tanks, Add	*2,770.87*	
23 21 16 00-0294	EA	306 Gallon, 30" x 108" ASME Construction Compression Tank	6,479.02	524.36
		For Galvanized Steel Tanks, Add	*2,842.12*	
23 21 16 00-0295	EA	340 Gallon, 36" x 84" ASME Construction Compression Tank	8,383.65	563.54
		For Galvanized Steel Tanks, Add	*3,765.00*	
23 21 16 00-0296	EA	550 Gallon, 36" x 96" ASME Construction Compression Tank	14,048.26	661.49
		For Galvanized Steel Tanks, Add	*6,523.07*	

23 21 16 00-0297 Compression Tank Air Fittings *(23 21 16)*

23 21 16 00-0298	EA	9" To 24" Diameter Compression Tank Air Fittings	461.66	32.26
23 21 16 00-0299	EA	>100 Gallon Compression Tank Air Fittings	1,622.73	38.03

23 21 16 00-0300 Vortex Air Separators With Strainer *(23 21 16)*

Note: Separators are priced by capacity in gallons per minute and by boiler connection sizes and types.

23 21 16 00-0301	EA	2" Threaded, 56 GPM, 125 PSI, With Strainer, Vortex Air Separator (Rolairtrol R-2N)	1,864.59	245.47
		For 300 PSIG, Add	*223.92*	
23 21 16 00-0302	EA	2-1/2" Threaded, 90 GPM, 125 PSI, With Strainer, Vortex Air Separator (Rolairtrol R-2-1/2N)	2,317.16	281.20
		For 300 PSIG, Add	*283.55*	
23 21 16 00-0303	EA	3" Threaded, 190 GPM, 125 PSI, With Strainer, Vortex Air Separator (Rolairtrol R-3N)	3,610.39	330.75
		For 300 PSIG, Add	*466.40*	
23 21 16 00-0304	EA	3" Flanged, 190 GPM, 125 PSI, With Strainer, Vortex Air Separator (Rolairtrol R-3F)	3,860.85	350.26
		For 300 PSIG, Add	*499.52*	
23 21 16 00-0305	EA	4" Flanged, 300 GPM, 125 PSI, With Strainer, Vortex Air Separator (Rolairtrol R-4F)	4,974.08	467.01
		For 300 PSIG, Add	*639.97*	
23 21 16 00-0306	EA	5" Flanged, 500 GPM, 125 PSI, With Strainer, Vortex Air Separator (Rolairtrol R-5F)	6,291.06	555.48
		For 300 PSIG, Add	*817.52*	
23 21 16 00-0307	EA	6" Flanged, 700 GPM, 125 PSI, With Strainer, Vortex Air Separator (Rolairtrol R-6F)	7,480.84	628.99
		For 300 PSIG, Add	*979.17*	
23 21 16 00-0308	EA	8" Flanged, 1,300 GPM, 125 PSI, With Strainer, Vortex Air Separator (Rolairtrol R-8F)	10,842.62	754.59
		For 300 PSIG, Add	*1,454.85*	
23 21 16 00-0309	EA	10" Flanged, 2,000 GPM, 125 PSI, With Strainer, Vortex Air Separator (Rolairtrol R-10F)	16,863.89	857.72
		For 300 PSIG, Add	*2,334.65*	
23 21 16 00-0310	EA	12" Flanged, 2,750 GPM, 125 PSI, With Strainer, Vortex Air Separator (Rolairtrol R-12F)	22,774.67	1,109.93
		For 300 PSIG, Add	*3,163.93*	

23 21 16 00-0311 Vortex Air Separators *(23 21 16)*

Note: Without system strainer.

23 21 16 00-0312	EA	2" Threaded, 56 GPM, 125 PSI, Vortex Air Separator (Rolairtrol RL-2N)	1,573.09	245.47
		For 300 PSIG, Add	*180.20*	
23 21 16 00-0313	EA	2-1/2" Threaded, 90 GPM, 125 PSI, Vortex Air Separator (Rolairtrol RL-2-1/2N)	1,999.16	281.20
		For 300 PSIG, Add	*235.85*	
23 21 16 00-0314	EA	3" Threaded, 190 GPM, 125 PSI, Vortex Air Separator (Rolairtrol RL-3N)	3,530.89	330.75
		For 300 PSIG, Add	*454.47*	
23 21 16 00-0315	EA	3" Flanged, 190 GPM, 125 PSI, Vortex Air Separator (Rolairtrol RL-3F)	3,163.02	350.26
		For 300 PSIG, Add	*394.85*	
23 21 16 00-0316	EA	4" Flanged, 300 GPM, 125 PSI, Vortex Air Separator (Rolairtrol RL-4F)	4,240.92	467.01
		For 300 PSIG, Add	*530.00*	
23 21 16 00-0317	EA	5" Flanged, 530 GPM, 125 PSI, Vortex Air Separator (Rolairtrol RL-5F)	5,522.56	555.48
		For 300 PSIG, Add	*702.25*	
23 21 16 00-0318	EA	6" Flanged, 850 GPM, 125 PSI, Vortex Air Separator (Rolairtrol RL-6F)	6,438.51	628.99
		For 300 PSIG, Add	*822.82*	
23 21 16 00-0319	EA	8" Flanged, 1,900 GPM Vortex Air Separator (Rolairtrol RL-8F)	8,616.62	754.59
		For 300 PSIG, Add	*1,120.95*	
23 21 16 00-0320	EA	10" Flanged, 3,600 GPM Vortex Air Separator (Rolairtrol RL-10F)	12,102.73	857.72
		For 300 PSIG, Add	*1,620.47*	
23 21 16 00-0321	EA	12" Flanged, 4,800 GPM Vortex Air Separator (Rolairtrol RL-12F)	18,774.27	1,109.93
		For 300 PSIG, Add	*2,563.87*	

23 21 16 00-0322 Grooved, With Strainer, Vortex Air Separators *(23 21 16)*

23 21 16 00-0323	EA	3" Grooved, 190 GPM, With Strainer, Vortex Air Separator (Rolairtrol R-3G)	3,401.39	280.20
23 21 16 00-0324	EA	4" Grooved, 300 GPM, With Strainer, Vortex Air Separator (Rolairtrol R-4G)	4,832.21	373.38
23 21 16 00-0325	EA	5" Grooved, 500 GPM, With Strainer, Vortex Air Separator (Rolairtrol R-5G)	6,122.86	443.97
23 21 16 00-0326	EA	6" Grooved, 700 GPM, With Strainer, Vortex Air Separator (Rolairtrol R-6G)	7,290.16	503.20
23 21 16 00-0327	EA	8" Grooved, 1,300 GPM, With Strainer, Vortex Air Separator (Rolairtrol R-8G)	10,596.22	603.84
23 21 16 00-0328	EA	10" Grooved, 2,000 GPM, With Strainer, Vortex Air Separator (Rolairtrol R-10G)	17,292.95	686.18
23 21 16 00-0329	EA	12" Grooved, 2,750 GPM, With Strainer, Vortex Air Separator (Rolairtrol R-12G)	26,418.48	888.04

23 21 16 00-0330 Grooved Vortex Air Separators *(23 21 16)*

Note: Without system strainer.

23 21 16 00-0331	EA	3" Grooved, 190 GPM Vortex Air Separator (Rolairtrol RL-3G)	2,677.06	280.20
23 21 16 00-0332	EA	4" Grooved, 300 GPM Vortex Air Separator (Rolairtrol RL-4G)	4,099.05	373.38
23 21 16 00-0333	EA	5" Grooved, 530 GPM Vortex Air Separator (Rolairtrol RL-5G)	5,354.36	443.97
23 21 16 00-0334	EA	6" Grooved, 850 GPM Vortex Air Separator (Rolairtrol RL-6G)	6,247.83	503.20
23 21 16 00-0335	EA	8" Grooved, 1,900 GPM Vortex Air Separator (Rolairtrol RL-8G)	8,387.89	603.84
23 21 16 00-0336	EA	10" Grooved, 3,600 GPM Vortex Air Separator (Rolairtrol RL-10G)	12,461.12	686.18

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 16 00-0337	EA	12" Grooved, 4,800 GPM Vortex Air Separator (Rolairtrol RL-12G)	20,846.29	888.04
23 21 16 00-0338		**Swivel Joints** *(23 21 16)*		
23 21 16 00-0339		**Carbon Steel, Straight Through Swivel Joint (Dixon Style 20)** *(23 21 16 00-0338)*		
		Note: Includes BUNA-N Seat. For oil, gasoline, water, air, gas, and chemicals.		
23 21 16 00-0340	EA	1" Threaded, Carbon Steel, Straight Through Swivel Joint (Dixon Style 20)	359.15	30.31
23 21 16 00-0341	EA	1-1/2" Threaded, Carbon Steel, Straight Through Swivel Joint (Dixon Style 20)	516.04	44.37
23 21 16 00-0342	EA	2" Threaded, Carbon Steel, Straight Through Swivel Joint (Dixon Style 20)	723.80	51.86
23 21 16 00-0343	EA	3" Threaded, Carbon Steel, Straight Through Swivel Joint (Dixon Style 20)	1,079.23	88.74
23 21 16 00-0344	EA	3" Flanged, Carbon Steel, Straight Through Swivel Joint (Dixon Style 20)	1,361.98	122.56
23 21 16 00-0345	EA	4" Flanged, Carbon Steel, Straight Through Swivel Joint (Dixon Style 20)	1,732.41	328.44
23 21 16 00-0346	EA	6" Flanged, Carbon Steel, Straight Through Swivel Joint (Dixon Style 20)	3,219.48	414.88
23 21 16 00-0347		**Basket Strainers** *(23 21 16)*		
23 21 16 00-0348		**Bronze Body Basket Strainers** *(23 21 16 00-0347)*		
23 21 16 00-0349		**Screwed Ends, Bronze Body Basket Strainers** *(23 21 16 00-0348)*		
23 21 16 00-0350	EA	1/2" Screwed Ends, Bronze Body Basket Strainer	322.92	23.05
		For Work In Restricted Working Space, Add	*13.72*	
23 21 16 00-0351	EA	3/4" Screwed Ends, Bronze Body Basket Strainer	381.65	27.09
		For Work In Restricted Working Space, Add	*16.12*	
23 21 16 00-0352	EA	1" Screwed Ends, Bronze Body Basket Strainer	442.67	32.26
		For Work In Restricted Working Space, Add	*19.21*	
23 21 16 00-0353	EA	1-1/4" Screwed Ends, Bronze Body Basket Strainer	551.48	35.73
		For Work In Restricted Working Space, Add	*21.41*	
23 21 16 00-0354	EA	1-1/2" Screwed Ends, Bronze Body Basket Strainer	651.27	40.33
		For Work In Restricted Working Space, Add	*24.18*	
23 21 16 00-0355	EA	2" Screwed Ends, Bronze Body Basket Strainer	970.96	46.10
		For Work In Restricted Working Space, Add	*27.69*	
23 21 16 00-0356	EA	2-1/2" Screwed Ends, Bronze Body Basket Strainer	1,373.69	61.66
		For Work In Restricted Working Space, Add	*37.09*	
23 21 16 00-0357	EA	3" Screwed Ends, Bronze Body Basket Strainer	1,933.74	65.69
		For Work In Restricted Working Space, Add	*39.33*	
23 21 16 00-0358		**Flanged, Bronze Body Basket Strainers** *(23 21 16 00-0348)*		
23 21 16 00-0359	EA	2" Flanged, Bronze Body Basket Strainer	1,523.67	153.62
		For Work In Restricted Working Space, Add	*57.62*	
23 21 16 00-0360	EA	2-1/2" Flanged, Bronze Body Basket Strainer	2,292.97	167.11
		For Work In Restricted Working Space, Add	*62.86*	
23 21 16 00-0361	EA	3" Flanged, Bronze Body Basket Strainer	2,600.39	195.92
		For Work In Restricted Working Space, Add	*73.56*	
23 21 16 00-0362	EA	4" Flanged, Bronze Body Basket Strainer	4,397.31	328.44
		For Work In Restricted Working Space, Add	*123.48*	
23 21 16 00-0363	EA	6" Flanged, Bronze Body Basket Strainer	8,341.99	367.60
		For Work In Restricted Working Space, Add	*138.34*	
23 21 16 00-0364	EA	8" Flanged, Bronze Body Basket Strainer	15,212.88	469.71
		For Work In Restricted Working Space, Add	*175.04*	
23 21 16 00-0365		**Iron Body Basket Strainers** *(23 21 16 00-0347)*		
23 21 16 00-0366		**Screwed Ends, Iron Body Basket Strainers** *(23 21 16 00-0365)*		
23 21 16 00-0367	EA	1/2" Screwed Ends, Iron Body Basket Strainer	371.00	23.05
		For Work In Restricted Working Space, Add	*13.72*	
23 21 16 00-0368	EA	3/4" Screwed Ends, Iron Body Basket Strainer	417.79	27.09
		For Work In Restricted Working Space, Add	*16.12*	
23 21 16 00-0369	EA	1" Screwed Ends, Iron Body Basket Strainer	493.74	32.26
		For Work In Restricted Working Space, Add	*19.21*	
23 21 16 00-0370	EA	1-1/4" Screwed Ends, Iron Body Basket Strainer	647.31	35.73
		For Work In Restricted Working Space, Add	*21.41*	
23 21 16 00-0371	EA	1-1/2" Screwed Ends, Iron Body Basket Strainer	710.23	40.33
		For Work In Restricted Working Space, Add	*24.18*	
23 21 16 00-0372	EA	2" Screwed Ends, Iron Body Basket Strainer	844.28	46.10
		For Work In Restricted Working Space, Add	*27.69*	
23 21 16 00-0373	EA	2-1/2" Screwed Ends, Iron Body Basket Strainer	1,197.89	61.66
		For Work In Restricted Working Space, Add	*37.09*	
23 21 16 00-0374	EA	3" Screwed Ends, Iron Body Basket Strainer	1,354.59	65.69
		For Work In Restricted Working Space, Add	*39.33*	
23 21 16 00-0375		**Flanged, Iron Body Basket Strainers** *(23 21 16 00-0365)*		
23 21 16 00-0376	EA	2" Flanged, Iron Body Basket Strainer	1,317.43	153.62
		For Work In Restricted Working Space, Add	*57.62*	
23 21 16 00-0377	EA	2-1/2" Flanged, Iron Body Basket Strainer	1,726.30	167.11
		For Work In Restricted Working Space, Add	*62.86*	
23 21 16 00-0378	EA	3" Flanged, Iron Body Basket Strainer	1,859.82	195.92
		For Work In Restricted Working Space, Add	*73.56*	
23 21 16 00-0379	EA	4" Flanged, Iron Body Basket Strainer	2,841.69	328.44
		For Work In Restricted Working Space, Add	*123.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 16 00-0380	EA	6" Flanged, Iron Body Basket Strainer	5,190.86	367.60
		For Work In Restricted Working Space, Add	*138.34*	
23 21 16 00-0381	EA	8" Flanged, Iron Body Basket Strainer	9,309.00	469.71
		For Work In Restricted Working Space, Add	*175.04*	
23 21 16 00-0382	EA	10" Flanged, Iron Body Basket Strainer	13,843.81	571.81
		For Work In Restricted Working Space, Add	*214.43*	
23 21 16 00-0383	EA	12" Flanged, Iron Body Basket Strainer	17,017.09	720.89
		For Work In Restricted Working Space, Add	*432.49*	
23 21 16 00-0384	EA	14" Flanged, Iron Body Basket Strainer	20,673.89	816.88
		For Work In Restricted Working Space, Add	*306.33*	
23 21 16 00-0385	EA	16" Flanged, Iron Body Basket Strainer	21,673.01	898.56
		For Work In Restricted Working Space, Add	*336.96*	

23 21 16 00-0386 Cast Steel Body Basket Strainers *(23 21 16 00-0347)*

23 21 16 00-0387 Screwed Ends, Cast Steel Body Basket Strainers *(23 21 16 00-0386)*

23 21 16 00-0388	EA	1" Screwed Ends, Cast Steel Body Basket Strainer	1,978.09	32.26
		For Work In Restricted Working Space, Add	*19.21*	
23 21 16 00-0389	EA	1-1/4" Screwed Ends, Cast Steel Body Basket Strainer	2,626.18	35.73
		For Work In Restricted Working Space, Add	*21.42*	
23 21 16 00-0390	EA	1-1/2" Screwed Ends, Cast Steel Body Basket Strainer	2,959.78	40.33
		For Work In Restricted Working Space, Add	*24.17*	
23 21 16 00-0391	EA	2" Screwed Ends, Cast Steel Body Basket Strainer	4,188.05	46.10
		For Work In Restricted Working Space, Add	*27.68*	
23 21 16 00-0392	EA	2-1/2" Screwed Ends, Cast Steel Body Basket Strainer	5,882.02	61.66
		For Work In Restricted Working Space, Add	*37.08*	
23 21 16 00-0393	EA	3" Screwed Ends, Cast Steel Body Basket Strainer	7,673.84	65.69
		For Work In Restricted Working Space, Add	*39.34*	

23 21 16 00-0394 Flanged, Cast Steel Body Basket Strainers *(23 21 16 00-0386)*

23 21 16 00-0395	EA	2" Flanged, Cast Steel Body Basket Strainer	6,153.26	153.62
		For Work In Restricted Working Space, Add	*57.62*	
23 21 16 00-0396	EA	2-1/2" Flanged, Cast Steel Body Basket Strainer	8,928.26	167.11
		For Work In Restricted Working Space, Add	*62.86*	
23 21 16 00-0397	EA	3" Flanged, Cast Steel Body Basket Strainer	9,774.96	195.92
		For Work In Restricted Working Space, Add	*73.56*	
23 21 16 00-0398	EA	4" Flanged, Cast Steel Body Basket Strainer	13,793.82	328.44
		For Work In Restricted Working Space, Add	*123.48*	
23 21 16 00-0399	EA	6" Flanged, Cast Steel Body Basket Strainer	24,589.71	367.60
		For Work In Restricted Working Space, Add	*138.34*	
23 21 16 00-0400	EA	8" Flanged, Cast Steel Body Basket Strainer	40,121.90	469.71
		For Work In Restricted Working Space, Add	*175.04*	

23 21 16 00-0401 Stainless Steel Body Basket Strainers *(23 21 16 00-0347)*

23 21 16 00-0402 Screwed Ends, Stainless Steel Body Basket Strainers *(23 21 16 00-0401)*

23 21 16 00-0403	EA	1" Screwed Ends, Stainless Steel Body Basket Strainer	566.75	32.26
		For Work In Restricted Working Space, Add	*19.21*	
23 21 16 00-0404	EA	1-1/4" Screwed Ends, Stainless Steel Body Basket Strainer	815.51	35.73
		For Work In Restricted Working Space, Add	*21.42*	
23 21 16 00-0405	EA	1-1/2" Screwed Ends, Stainless Steel Body Basket Strainer	842.12	40.33
		For Work In Restricted Working Space, Add	*24.17*	
23 21 16 00-0406	EA	2" Screwed Ends, Stainless Steel Body Basket Strainer	1,244.55	46.10
		For Work In Restricted Working Space, Add	*27.68*	
23 21 16 00-0407	EA	2-1/2" Screwed Ends, Stainless Steel Body Basket Strainer	1,758.68	61.66
		For Work In Restricted Working Space, Add	*37.08*	
23 21 16 00-0408	EA	3" Screwed Ends, Stainless Steel Body Basket Strainer	2,482.96	65.69
		For Work In Restricted Working Space, Add	*39.34*	

23 21 16 00-0409 Flanged, Stainless Steel Body Basket Strainers *(23 21 16 00-0401)*

23 21 16 00-0410	EA	2" Flanged, Stainless Steel Body Basket Strainer	1,906.80	153.62
		For Work In Restricted Working Space, Add	*57.62*	
23 21 16 00-0411	EA	2-1/2" Flanged, Stainless Steel Body Basket Strainer	2,879.92	167.11
		For Work In Restricted Working Space, Add	*62.86*	
23 21 16 00-0412	EA	3" Flanged, Stainless Steel Body Basket Strainer	3,261.51	195.92
		For Work In Restricted Working Space, Add	*73.56*	
23 21 16 00-0413	EA	4" Flanged, Stainless Steel Body Basket Strainer	5,513.45	328.44
		For Work In Restricted Working Space, Add	*123.48*	
23 21 16 00-0414	EA	6" Flanged, Stainless Steel Body Basket Strainer	8,425.01	367.60
		For Work In Restricted Working Space, Add	*138.34*	
23 21 16 00-0415	EA	8" Flanged, Stainless Steel Body Basket Strainer	14,619.80	469.71
		For Work In Restricted Working Space, Add	*175.04*	

23 21 23 Hydronic Pumps *(23 21)*

23 21 23 13 In-Line Centrifugal Hydronic Pumps *(23 21 23)*

23 21 23 13-0001 Recirculating Pump *(23 21 23 13)*

23 21 23 13-0002	EA	3/4 HP Cartridge Circulator Pump	684.62	185.42

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 23 13-0003		**Cast Iron Single Stage In-Line Centrifugal Pump** *(23 21 23 13)* Note: For general service, 125 LB flanged, 3550 RPM TEFC motor. Includes packed stuffing boxes and ductile iron case.		
23 21 23 13-0004	EA	3 HP, 50 GPM At 100' Head, Single Stage Cast Iron In-Line Circulating Pump	6,504.56	307.80
		For Mechanical Seal, Add	*446.53*	
		For Cast Steel Case, Add	*1,004.69*	
23 21 23 13-0005	EA	5 HP, 75 GPM At 100' Head, Single Stage Cast Iron In-Line Circulating Pump	7,100.87	372.55
		For Mechanical Seal, Add	*478.69*	
		For Cast Steel Case, Add	*1,077.05*	
23 21 23 13-0006	EA	7-1/2 HP, 100 GPM At 150' Head, Single Stage Cast Iron In-Line Circulating Pump	8,207.12	442.60
		For Mechanical Seal, Add	*550.43*	
		For Cast Steel Case, Add	*1,238.47*	
23 21 23 13-0007	EA	10 HP, 125 GPM At 150' Head, Single Stage Cast Iron In-Line Circulating Pump	9,188.21	590.13
		For Mechanical Seal, Add	*593.54*	
		For Cast Steel Case, Add	*1,335.46*	
23 21 23 13-0008	EA	15 HP, 150 GPM At 200' Head, Single Stage Cast Iron In-Line Circulating Pump	10,534.80	643.20
		For Mechanical Seal, Add	*688.40*	
		For Cast Steel Case, Add	*1,548.90*	
23 21 23 13-0009	EA	30 HP, 200 GPM At 300' Head, Single Stage Cast Iron In-Line Circulating Pump	15,759.86	707.95
		For Mechanical Seal, Add	*1,090.97*	
		For Cast Steel Case, Add	*2,454.67*	
23 21 23 13-0010	EA	40 HP, 250 GPM At 300' Head, Single Stage Cast Iron In-Line Circulating Pump	18,516.81	884.14
		For Mechanical Seal, Add	*1,269.07*	
		For Cast Steel Case, Add	*2,855.40*	
23 21 23 13-0011	EA	50 HP, 300 GPM At 300' Head, Single Stage Cast Iron In-Line Circulating Pump	25,768.97	1,010.44
		For Mechanical Seal, Add	*1,818.91*	
		For Cast Steel Case, Add	*4,092.56*	
23 21 23 13-0012	EA	75 HP, 400 GPM At 400' Head, Single Stage Cast Iron In-Line Circulating Pump	32,786.21	1,058.88
		For Mechanical Seal, Add	*2,368.76*	
		For Cast Steel Case, Add	*5,329.71*	
23 21 23 13-0013	EA	100 HP, 600 GPM At 400' Head, Single Stage Cast Iron In-Line Circulating Pump	35,790.56	1,361.12
		For Mechanical Seal, Add	*2,536.50*	
		For Cast Steel Case, Add	*5,707.11*	
23 21 23 13-0014	EA	1/2 HP, 40 GPM At 25' Head, Single Stage Cast Iron In-Line Circulating Pump	1,390.77	214.40
23 21 23 13-0015	EA	3/4 HP, 50 GPM At 30' Head, Single Stage Cast Iron In-Line Circulating Pump	1,502.11	228.20
23 21 23 13-0016		**Cast Iron, Single Stage, Vertical In-Line, Close Coupled, Pump** *(23 21 23 13)* Note: For general service, 125 LB flanged, 1,800 RPM TEFC motor.		
23 21 23 13-0017	EA	1/2 HP, 1-1/2" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump	2,275.95	176.73
23 21 23 13-0018	EA	3/4 HP, 2" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump	4,041.59	201.99
23 21 23 13-0019	EA	1 HP, 3" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump	4,391.43	226.19
23 21 23 13-0020	EA	1-1/2 HP, 3" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump	4,616.77	245.92
23 21 23 13-0021	EA	2 HP, 4" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump	6,044.45	269.28
23 21 23 13-0022	EA	3 HP, 5" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump	6,212.68	297.61
23 21 23 13-0023	EA	5 HP, 6" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump	7,100.54	353.44
23 21 23 13-0024	EA	7-1/2 HP, 6" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump	8,259.69	435.07
23 21 23 13-0025	EA	10 HP, 8" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump	10,640.08	471.25
23 21 23 13-0026	EA	15 HP, 8" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump	12,440.96	498.96
23 21 23 13-0027	EA	20 HP, 8" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump	15,997.39	530.17
23 21 23 13-0028	EA	25 HP, 8" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump	16,881.54	547.89
23 21 23 13-0029	EA	30 HP, 8" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump	17,765.68	565.51
23 21 23 13-0030	EA	40 HP, 8" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump	21,100.49	605.95
23 21 23 13-0031	EA	50 HP, 8" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump	22,886.52	720.98
23 21 23 13-0032	EA	60 HP, 8" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump	25,289.26	1,041.37
23 21 23 13-0033	EA	75 HP, 8" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump	29,856.93	2,082.73
23 21 23 13-0034	EA	100 HP, 8" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump	34,321.35	2,499.28
23 21 23 16		**Base-Mounted, Centrifugal Hydronic Pumps** *(23 21 23)* See CSI section 26 29 23 00-0000 for variable frequency motor controllers.		
23 21 23 16-0001		**Single Stage, Cast Iron, Horizontal End Suction, Base Mounted Centrifugal Pump** *(23 21 23 16)* Note: 1800 RPM, welded steel baseplate, internally flushed mechanical seal, bronze wear ring, galvanized drip pan, and 3 phase 230/460V premium efficiency motor. Bell & Gossett 1510 Series.		
23 21 23 16-0002	EA	5 HP, 50 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 1-1/4 BC, BF, 184T)	6,405.74	336.46
23 21 23 16-0003	EA	7.5 HP, 100 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 1-1/2 BC, BF, 213T)	7,189.27	336.88
23 21 23 16-0004	EA	10 HP, 225 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 2 E, BF, 215T)	9,482.26	442.60
23 21 23 16-0005	EA	15 HP, 250 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 2 E, BF, 254T)	10,381.00	544.49
23 21 23 16-0006	EA	15 HP, 300 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 3 G, BF, 254T)	11,630.73	544.49
23 21 23 16-0007	EA	20 HP, 350 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 3 E, BF, 256T)	11,303.42	590.13
23 21 23 16-0008	EA	20 HP, 500 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 4 E, BF, 256T)	12,013.94	590.13
23 21 23 16-0009	EA	25 HP, 600 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 4 E, BF, 284T)	13,127.01	618.79
23 21 23 16-0010	EA	30 HP, 750 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 5 E, BF, 286T)	14,600.36	786.50
23 21 23 16-0011	EA	40 HP, 1,050 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 5 E, BF, 324T)	15,442.83	884.14
23 21 23 16-0012	EA	60 HP, 1,500 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 6 E, BF, 364T)	23,866.85	2,189.45
23 21 23 16-0013	EA	75 HP, 2,000 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 8 G, BF, 365T)	34,592.28	2,626.87
23 21 23 16-0014	EA	100 HP, 3,000 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 8 G, BF, 404TS)	39,236.31	3,283.58

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 23 16-0015		**Single Stage, Vertical Split Case, Cast Iron, Horizontal End Suction, Base Mounted Centrifugal Pump** *(23 21 23 16)* Note: 125 LB flanged, 1750 RPM drip-proof motor, common base plate 100' head. Standard seal and motor. For general service.		
23 21 23 16-0016	EA	1-1/2 HP, 40 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case	6,808.95	247.30
		For 300 LB Flanges, Add	*1,590.75*	
23 21 23 16-0017	EA	2 HP, 50 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case	8,705.12	265.35
		For 300 LB Flanges, Add	*2,076.77*	
23 21 23 16-0018	EA	3 HP, 90 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case	10,916.46	283.39
		For 300 LB Flanges, Add	*2,611.18*	
23 21 23 16-0019	EA	5 HP, 100 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case	12,722.90	336.46
		For 300 LB Flanges, Add	*3,029.10*	
23 21 23 16-0020	EA	7-1/2 HP, 150 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case	13,371.65	336.88
		For 300 LB Flanges, Add	*3,183.70*	
23 21 23 16-0021	EA	10 HP, 200 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case	13,951.51	442.60
		For 300 LB Flanges, Add	*3,288.87*	
23 21 23 16-0022	EA	10 HP, 225 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case	14,266.09	442.60
		For 300 LB Flanges, Add	*3,367.51*	
23 21 23 16-0023	EA	10 HP, 250 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case	14,962.92	442.60
		For 300 LB Flanges, Add	*3,541.72*	
23 21 23 16-0024	EA	15 HP, 300 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case	17,359.71	544.49
		For 300 LB Flanges, Add	*4,094.99*	
23 21 23 16-0025	EA	17-1/2 HP, 350 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case	17,624.39	544.07
		For 300 LB Flanges, Add	*4,151.28*	
23 21 23 16-0026	EA	20 HP, 500 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case	18,580.39	590.13
		For 300 LB Flanges, Add	*4,379.75*	
23 21 23 16-0027	EA	25 HP, 600 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case	20,392.06	618.79
		For 300 LB Flanges, Add	*4,811.46*	
23 21 23 16-0028	EA	30 HP, 750 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case	22,510.64	786.50
		For 300 LB Flanges, Add	*5,273.86*	
23 21 23 16-0029	EA	40 HP, 1,050 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case	25,538.69	884.14
		For 300 LB Flanges, Add	*5,986.65*	
23 21 23 16-0030	EA	60 HP, 1,500 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case	39,740.41	2,189.45
		For 300 LB Flanges, Add	*8,879.66*	
23 21 23 16-0031	EA	75 HP, 2,000 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case	47,259.40	2,626.87
		For 300 LB Flanges, Add	*10,548.33*	
23 21 23 16-0032	EA	100 HP, 3,000 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case	57,617.63	3,283.58
		For 300 LB Flanges, Add	*12,821.25*	
23 21 23 16-0033		**Single Stage, Horizontal Split Case, Cast Iron, Horizontal End Suction, Base Mounted Centrifugal Pump** *(23 21 23 16)* Note: 125 LB flanged, 1750 RPM drip-proof motor, common base plate 100' head. Standard seal and motor. For general service.		
23 21 23 16-0034	EA	1-1/2 HP, 40 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case	6,538.65	247.30
		For 300 LB Flanges, Add	*1,523.17*	
23 21 23 16-0035	EA	2 HP, 50 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case	6,709.40	265.35
		For 300 LB Flanges, Add	*1,557.93*	
23 21 23 16-0036	EA	3 HP, 90 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case	6,880.28	283.39
		For 300 LB Flanges, Add	*1,592.70*	
23 21 23 16-0037	EA	5 HP, 100 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case	7,478.23	289.76
		For 300 LB Flanges, Add	*1,739.06*	
23 21 23 16-0038	EA	7-1/2 HP, 100 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case	12,235.53	336.46
		For 300 LB Flanges, Add	*2,907.26*	
23 21 23 16-0039	EA	10 HP, 250 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case	14,829.05	442.60
		For 300 LB Flanges, Add	*3,535.18*	
23 21 23 16-0040	EA	15 HP, 350 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case	16,671.45	477.62
		For 300 LB Flanges, Add	*3,968.85*	
23 21 23 16-0041	EA	20 HP, 500 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case	17,610.55	530.69
		For 300 LB Flanges, Add	*4,157.70*	
23 21 23 16-0042	EA	25 HP, 750 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case	19,632.24	529.95
		For 300 LB Flanges, Add	*4,669.80*	
23 21 23 16-0043	EA	40 HP, 1,000 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case	21,972.35	681.07
		For 300 LB Flanges, Add	*5,186.76*	
23 21 23 16-0044	EA	50 HP, 1,500 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case	27,994.02	876.02
		For 300 LB Flanges, Add	*6,576.33*	
23 21 23 16-0045	EA	75 HP, 2,000 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case	35,735.55	1,094.13
		For 300 LB Flanges, Add	*8,406.17*	
23 21 23 16-0046	EA	3,000 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case, 100 HP	44,956.97	1,313.44
		For 300 LB Flanges, Add	*10,605.98*	
23 21 23 16-0047	EA	150 HP, 3,500 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case	53,305.05	1,458.85
		For 300 LB Flanges, Add	*12,622.64*	
23 21 23 16-0048	EA	200 HP, 4,000 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case	61,297.88	1,876.33
		For 300 LB Flanges, Add	*14,419.81*	
23 21 23 16-0049		**Two Stage, Horizontal Split Case, Cast Iron, Horizontal End Suction, Base Mounted Centrifugal Pump** *(23 21 23 16)* Note: 3500 RPM drip-proof motor, common base plate 500' head. Packed stuffing box and boiler feed water service.		
23 21 23 16-0050	EA	40 HP, 100 GPM Cast Iron Centrifugal Pump, Two Stage, Horizontal Split Case	41,852.11	544.49
		For 300 LB Flanges, Add	*10,218.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 23 16-0051	EA	50 HP, 200 GPM Cast Iron Centrifugal Pump, Two Stage, Horizontal Split Case	45,180.19	590.13
		For 300 LB Flanges, Add	*11,029.70*	
23 21 23 16-0052	EA	75 HP, 300 GPM Cast Iron Centrifugal Pump, Two Stage, Horizontal Split Case	60,307.52	794.70
		For 300 LB Flanges, Add	*14,712.99*	
23 21 23 16-0053	EA	100 HP, 400 GPM Cast Iron Centrifugal Pump, Two Stage, Horizontal Split Case	70,367.64	1,091.98
		For 300 LB Flanges, Add	*17,091.56*	
23 21 23 16-0054	EA	200 HP, 800 GPM Cast Iron Centrifugal Pump, Two Stage, Horizontal Split Case	97,653.91	1,455.98
		For 300 LB Flanges, Add	*23,746.35*	

23 21 23 16-0055 Cast Iron Close Coupling Pumps *(23 21 23 16)*

23 21 23 16-0056 Foot Mounted Cast Iron Close Coupled Pumps *(23 21 23 16-0055)*

23 21 23 16-0057	EA	3 HP, 90 GPM At 50' Head, Foot Mounted, Close Coupled Cast Iron Centrifugal Pump (B&G 1531, 1-1/2 AC, BF, 182JM)	5,732.31	318.42
23 21 23 16-0058	EA	3 HP, 150 GPM At 40' Head, Foot Mounted, Close Coupled Cast Iron Centrifugal Pump (B&G 1531, 2-1/2 AB, BF, 182JM)	6,243.43	318.42
23 21 23 16-0059	EA	5 HP, 225 GPM At 50' Head, Foot Mounted, Close Coupled Cast Iron Centrifugal Pump (B&G 1531, 2-1/2 BB, BF, 184JM)	6,945.23	336.12
23 21 23 16-0060	EA	5 HP, 350 GPM At 25' Head, Foot Mounted, Close Coupled Cast Iron Centrifugal Pump (B&G 1531, 4 AC, BF, 184JM)	7,397.38	336.12
23 21 23 16-0061	EA	7.5 HP, 350 GPM At 40' Head, Foot Mounted, Close Coupled Cast Iron Centrifugal Pump (B&G 1531, 4 AC, BF, 213JM)	8,506.40	353.44
23 21 23 16-0062	EA	10 HP, 600 GPM At 40' Head, Foot Mounted, Close Coupled Cast Iron Centrifugal Pump (B&G 1531, 5 A, BF, 215JM)	10,080.62	425.46
23 21 23 16-0063	EA	15 HP, 1,000 GPM At 40' Head, Foot Mounted, Close Coupled Cast Iron Centrifugal Pump (B&G 1531, 6 BC, BF, 254JP)	13,238.47	524.13
23 21 23 16-0064	EA	20 HP, 1,350 GPM At 30' Head, Foot Mounted, Close Coupled Cast Iron Centrifugal Pump (B&G 1531, 6 BC, BF, 256JP)	14,171.04	567.28
23 21 23 16-0065	EA	25 HP, 1,550 GPM At 40' Head, Foot Mounted, Close Coupled Cast Iron Centrifugal Pump (B&G 1531, 6 BC, BF, 284JP)	16,419.05	612.65

23 21 23 16-0066 Pumps, Polypropylene Body, Housing And Impeller, 115/230 Volt *(23 21 23 16)*

23 21 23 16-0067	EA	1/3 HP, Centrifugal Pump, Polypropylene Body	1,441.01	164.46
23 21 23 16-0068	EA	1/2 HP, Centrifugal Pump, Polypropylene Body	1,537.30	174.36
23 21 23 16-0069	EA	3/4 HP, Centrifugal Pump, Polypropylene Body	1,793.43	185.66

23 21 23 23 Vertical-Turbine Hydronic Pumps *(23 21 23)*

See CSI section 26 29 23 00-0000 for variable frequency motor controllers.

23 21 23 23-0001 Cast Iron, Bronze Fitted Vertical Turbine Wet Sump Pumps *(23 21 23 23)*

Note: For water supply, cooling towers and process liquids. Multi-stage 1750 RPM drip-proof motor. For 1' to 5' sump depth.

23 21 23 23-0002	EA	2 HP, 50 GPM Cast Iron Turbine Pump, 3" Discharge 100' Head, 10 Stage	13,183.02	786.50
		For Each Extra Column Assembly <60", Add	*1,101.81*	
		For Basket Strainer, Galvanized. Steel Pipe Sizes 3" To 8", Add	*480.15*	
		For Basket Strainer, Galvanized Steel Pipe Sizes 10" And Larger, Add	*348.32*	
23 21 23 23-0003	EA	3 HP, 100 GPM Cast Iron Turbine Pump, 4" Discharge 100' Head, 7 Stage	15,250.94	884.14
		For Each Extra Column Assembly <60", Add	*1,267.63*	
		For Basket Strainer, Galvanized. Steel Pipe Sizes 3" To 8", Add	*562.48*	
		For Basket Strainer, Galvanized Steel Pipe Sizes 10" And Larger, Add	*409.97*	
23 21 23 23-0004	EA	15 HP, 250 GPM Cast Iron Turbine Pump, 6" Discharge 150' Head, 5 Stage	18,449.93	876.02
		For Each Extra Column Assembly <60", Add	*1,538.82*	
		For Basket Strainer, Galvanized. Steel Pipe Sizes 3" To 8", Add	*675.17*	
		For Basket Strainer, Galvanized Steel Pipe Sizes 10" And Larger, Add	*490.67*	
23 21 23 23-0005	EA	25 HP, 500 GPM Cast Iron Turbine Pump, 6" Discharge 150' Head, 3 Stage	21,803.56	1,010.87
		For Each Extra Column Assembly <60", Add	*1,809.23*	
		For Basket Strainer, Galvanized. Steel Pipe Sizes 3" To 8", Add	*807.19*	
		For Basket Strainer, Galvanized Steel Pipe Sizes 10" And Larger, Add	*589.16*	
23 21 23 23-0006	EA	50 HP, 1,000 GPM Cast Iron Turbine Pump, 8" Discharge 150' Head, 2 Stage	26,906.51	1,094.13
		For Each Extra Column Assembly <60", Add	*2,222.88*	
		For Basket Strainer, Galvanized. Steel Pipe Sizes 3" To 8", Add	*1,005.90*	
		For Basket Strainer, Galvanized Steel Pipe Sizes 10" And Larger, Add	*736.83*	
23 21 23 23-0007	EA	100 HP, 2,000 GPM Cast Iron Turbine Pump, 10" Discharge 150' Head, 3 Stage	35,423.43	1,313.44
		For Each Extra Column Assembly <60", Add	*2,918.31*	
		For Basket Strainer, Galvanized. Steel Pipe Sizes 3" To 8", Add	*1,332.50*	
		For Basket Strainer, Galvanized Steel Pipe Sizes 10" And Larger, Add	*978.27*	
23 21 23 23-0008	EA	150 HP, 3,000 GPM Cast Iron Turbine Pump, 10" Discharge 150' Head, 2 Stage	42,375.28	1,641.79
		For Each Extra Column Assembly <60", Add	*3,495.57*	
		For Basket Strainer, Galvanized. Steel Pipe Sizes 3" To 8", Add	*1,589.47*	
		For Basket Strainer, Galvanized Steel Pipe Sizes 10" And Larger, Add	*1,165.71*	
23 21 23 23-0009	EA	200 HP, 4,000 GPM Cast Iron Turbine Pump, 12" Discharge 150' Head, 2 Stage	68,114.64	1,876.33
		For Each Extra Column Assembly <60", Add	*5,569.79*	
		For Basket Strainer, Galvanized. Steel Pipe Sizes 3" To 8", Add	*2,603.96*	
		For Basket Strainer, Galvanized Steel Pipe Sizes 10" And Larger, Add	*1,922.82*	
23 21 23 23-0010	EA	250 HP, 6,000 GPM Cast Iron Turbine Pump, 14" Discharge 150' Head, 2 Stage	89,403.86	2,189.45
		For Each Extra Column Assembly <60", Add	*7,293.03*	
		For Basket Strainer, Galvanized. Steel Pipe Sizes 3" To 8", Add	*3,435.43*	
		For Basket Strainer, Galvanized Steel Pipe Sizes 10" And Larger, Add	*2,541.39*	
23 21 23 23-0011	EA	300 HP, 10,000 GPM Cast Iron Turbine Pump, 18" Discharge 100' Head, 2 Stage	125,303.22	2,626.87
		For Each Extra Column Assembly <60", Add	*10,193.13*	
		For Basket Strainer, Galvanized. Steel Pipe Sizes 3" To 8", Add	*4,843.26*	
		For Basket Strainer, Galvanized Steel Pipe Sizes 10" And Larger, Add	*3,590.23*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

23 21 29 Automatic Condensate Pump Units *(23 21)*

23 21 29 00-0001 Automatic Shallow Pan Condensate Pump *(23 21 29)*

23 21 29 00-0002	EA	1/150 HP, 205 GPH (Max) Automatic Shallow Pan Condensate Pump (Little Giant 1-ABS)	216.24	34.49
23 21 29 00-0003	EA	1/40 HP, 300 GPH (Max) Automatic Shallow Pan Condensate Pump (Little Giant 2-ABS)	234.66	34.49
23 21 29 00-0004	EA	1/12 HP, 310 GPH (Max) Automatic Shallow Pan Condensate Pump (Little Giant 3-ABS)	366.47	39.80

23 21 29 00-0005 Automatic Condensate Pump With Tank *(23 21 29)*

23 21 29 00-0006	EA	1/20 HP Automatic Condensate Pump With Tank (Hartell KT-15-1UL)	118.28	26.54
23 21 29 00-0007	EA	1/30 HP Automatic Condensate Pump With Tank (Little Giant VCMX-20)	126.15	26.54
23 21 29 00-0008	EA	1/50 HP, 200 GPH (Max) Automatic Condensate Removal Pump With Safety Switch (Little Giant VCL-14ULS)	210.21	34.49
23 21 29 00-0009	EA	1/18 HP, 270 GPH (Max) Automatic Condensate Removal Pump With Safety Switch (Little Giant VCL-24ULS)	226.85	39.80
23 21 29 00-0010	EA	1/5 HP, 450 GPH (Max) Automatic Condensate Removal Pump With Safety Switch (Little Giant VCL-45ULS) Condensate Pump	419.94	45.11

23 22 Steam and Condensate Piping and Pumps *(23 20)*

23 22 16 Steam and Condensate Heating Piping Specialties *(23 22)*

23 22 16 00-0001 Steam Traps *(23 22 16)*

23 22 16 00-0002 Inverted Bucket Steam Traps *(23 22 16 00-0001)*

23 22 16 00-0003	EA	1/2" 250 PSI Inverted Bucket Cast Iron Steam Trap	328.06	34.57
		For Work In Restricted Working Space, Add	*20.74*	
23 22 16 00-0004	EA	3/4" 250 PSI Inverted Bucket Cast Iron Steam Trap	330.94	36.01
		For Work In Restricted Working Space, Add	*21.61*	
23 22 16 00-0005	EA	1" 250 PSI Inverted Bucket Cast Iron Steam Trap	493.63	38.38
		For Work In Restricted Working Space, Add	*23.05*	
23 22 16 00-0006	EA	1-1/4" 250 PSI Inverted Bucket Cast Iron Steam Trap	799.42	52.38
		For Work In Restricted Working Space, Add	*31.43*	
23 22 16 00-0007	EA	1-1/2" 250 PSI Inverted Bucket Cast Iron Steam Trap	1,191.51	64.54
		For Work In Restricted Working Space, Add	*38.41*	
23 22 16 00-0008	EA	2" 250 PSI Inverted Bucket Cast Iron Steam Trap	1,519.04	96.04
		For Work In Restricted Working Space, Add	*57.62*	

23 22 16 00-0009 Float And Thermostatic Steam Traps *(23 22 16 00-0001)*

23 22 16 00-0010	EA	3/4" 15 PSI Maximum Pressure Float And Thermostatic Steam Trap	346.83	36.01
		For Work In Restricted Working Space, Add	*21.61*	
23 22 16 00-0011	EA	1" 15 PSI Maximum Pressure Float And Thermostatic Steam Trap	457.83	38.41
		For Work In Restricted Working Space, Add	*23.05*	
23 22 16 00-0012	EA	1-1/4" 15 PSI Maximum Pressure Float And Thermostatic Steam Trap	565.76	52.38
		For Work In Restricted Working Space, Add	*31.43*	
23 22 16 00-0013	EA	1-1/2" 15 PSI Maximum Pressure Float And Thermostatic Steam Trap	829.65	64.02
		For Work In Restricted Working Space, Add	*38.42*	
23 22 16 00-0014	EA	2" 15 PSI Maximum Pressure Float And Thermostatic Steam Trap	1,402.46	96.00
		For Work In Restricted Working Space, Add	*57.62*	
23 22 16 00-0015	EA	3/4" 30 PSI Maximum Pressure Float And Thermostatic Steam Trap	442.50	36.01
		For Work In Restricted Working Space, Add	*21.61*	
23 22 16 00-0016	EA	1" 30 PSI Maximum Pressure Float And Thermostatic Steam Trap	480.99	38.38
		For Work In Restricted Working Space, Add	*23.05*	
23 22 16 00-0017	EA	1-1/4" 30 PSI Maximum Pressure Float And Thermostatic Steam Trap	628.90	52.38
		For Work In Restricted Working Space, Add	*31.43*	
23 22 16 00-0018	EA	1-1/2" 30 PSI Maximum Pressure Float And Thermostatic Steam Trap	982.47	63.96
		For Work In Restricted Working Space, Add	*38.42*	
23 22 16 00-0019	EA	2" 30 PSI Maximum Pressure Float And Thermostatic Steam Trap	1,543.50	96.03
		For Work In Restricted Working Space, Add	*57.62*	
23 22 16 00-0020	EA	3/4" 75 PSI Maximum Pressure Float And Thermostatic Steam Trap	575.12	36.01
		For Work In Restricted Working Space, Add	*21.61*	
23 22 16 00-0021	EA	1" 75 PSI Maximum Pressure Float And Thermostatic Steam Trap	640.97	38.41
		For Work In Restricted Working Space, Add	*23.05*	
23 22 16 00-0022	EA	1-1/4" 75 PSI Maximum Pressure Float And Thermostatic Steam Trap	976.24	52.38
		For Work In Restricted Working Space, Add	*31.43*	
23 22 16 00-0023	EA	1-1/2" 75 PSI Maximum Pressure Float And Thermostatic Steam Trap	1,173.83	63.96
		For Work In Restricted Working Space, Add	*38.42*	
23 22 16 00-0024	EA	2" 75 PSI Maximum Pressure Float And Thermostatic Steam Trap	1,941.34	96.04
		For Work In Restricted Working Space, Add	*57.62*	
23 22 16 00-0025	EA	3/4" 150 PSI Maximum Pressure Float And Thermostatic Steam Trap	583.54	36.01
		For Work In Restricted Working Space, Add	*21.61*	
23 22 16 00-0026	EA	1" 150 PSI Maximum Pressure Float And Thermostatic Steam Trap	640.97	38.41
		For Work In Restricted Working Space, Add	*23.05*	
23 22 16 00-0027	EA	1-1/4" 150 PSI Max Pressure Float And Thermostatic Steam Trap	976.24	52.38
		For Work In Restricted Working Space, Add	*31.43*	
23 22 16 00-0028	EA	1-1/2" 150 PSI Max Pressure Float And Thermostatic Steam Trap	1,173.83	63.96
		For Work In Restricted Working Space, Add	*38.42*	
23 22 16 00-0029	EA	2" 150 PSI Maximum Pressure Float And Thermostatic Steam Trap	1,941.34	96.03
		For Work In Restricted Working Space, Add	*57.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 22 16 00-0030		**Thermostatic Steam Traps** *(23 22 16 00-0001)*		
23 22 16 00-0031	EA	1/2" 25 PSI Maximum Pressure Thermostatic Steam Trap	166.80	34.57
		For Work In Restricted Working Space, Add	*20.74*	
23 22 16 00-0032	EA	3/4" 25 PSI Maximum Pressure Thermostatic Steam Trap	280.40	36.01
		For Work In Restricted Working Space, Add	*21.61*	
23 22 16 00-0033	EA	1" 25 PSI Maximum Pressure Thermostatic Steam Trap	346.75	38.38
		For Work In Restricted Working Space, Add	*23.05*	
23 22 16 00-0034		**Thermodynamic Steam Traps** *(23 22 16 00-0001)*		
23 22 16 00-0035	EA	3/8" 600 PSI Maximum Pressure Thermodynamic Steam Trap	371.48	31.12
23 22 16 00-0036	EA	1/2" 600 PSI Maximum Pressure Thermodynamic Steam Trap	528.04	34.57
23 22 16 00-0037	EA	3/4" 600 PSI Maximum Pressure Thermodynamic Steam Trap	655.10	36.01
23 22 16 00-0038	EA	1" 600 PSI Maximum Pressure Thermodynamic Steam Trap	878.83	38.38
23 22 16 00-0039		**Steam Moisture Separator** *(23 22 16 00-0001)*		
23 22 16 00-0040	EA	1" Steam Moisture Separator, Threaded (Spirax Sarco S1)	1,014.36	87.59
23 22 16 00-0041	EA	1-1/2" Steam Moisture Separator, Threaded (Spirax Sarco S2)	1,610.33	100.26
23 22 16 00-0042	EA	2" Steam Moisture Separator, Flanged (Spirax Sarco S3)	1,967.58	153.62
23 22 16 00-0043	EA	2-1/2" Steam Moisture Separator, Flanged (Spirax Sarco S3)	2,970.28	167.11
23 22 16 00-0044	EA	3" Steam Moisture Separator, Flanged (Spirax Sarco S3)	3,390.08	195.92
23 22 16 00-0045	EA	4" Steam Moisture Separator, Flanged (Spirax Sarco S3)	4,685.70	328.44
23 22 16 00-0046	EA	6" Steam Moisture Separator, Flanged (Spirax Sarco S3)	9,183.68	414.88
23 22 16 00-0047		**High Temperature Safety Relief Valve** *(23 22 16)*		
		Note: Used in steam or water boiler, heating systems and unfired pressure vessel applications.		
23 22 16 00-0048		**Cast Iron Body Safety Valve, Steam Or Water** *(23 22 16 00-0047)*		
		Note: Variable set points to 500 psig pressure, 400 Degree F temperature range.		
23 22 16 00-0049		**Threaded** *(23 22 16 00-0048)*		
23 22 16 00-0050	EA	3/4" x 1" Threaded Cast Iron Body Safety Relief Valve, Steam or Water	500.33	17.26
23 22 16 00-0051	EA	1" x 1-1/4" Threaded Cast Iron Body Safety Relief Valve, Steam or Water	523.51	20.42
23 22 16 00-0052	EA	1-1/4" x 1-1/2" Threaded Cast Iron Body Safety Relief Valve, Steam or Water	577.32	25.89
23 22 16 00-0053	EA	1-1/2" x 2" Threaded Cast Iron Body Safety Relief Valve, Steam or Water	712.23	28.77
23 22 16 00-0054	EA	2" x 2-1/2" Threaded Cast Iron Body Safety Relief Valve, Steam or Water	911.91	35.38
23 22 16 00-0055	EA	2-1/2" x 2-1/2" Threaded Cast Iron Body Safety Relief Valve, Steam or Water	1,415.66	40.27
23 22 16 00-0056	EA	3" x 3" Threaded Cast Iron Body Safety Relief Valve, Steam or Water	1,534.02	46.31
23 22 16 00-0057		**Flanged** *(23 22 16 00-0048)*		
23 22 16 00-0058	EA	1-1/2" x 2-1/2" Flanged Cast Iron Body Safety Relief Valve, Steam or Water	3,528.19	120.81
23 22 16 00-0059	EA	2" x 3" Flanged Cast Iron Body Safety Relief Valve, Steam or Water	4,106.67	181.60
23 22 16 00-0060	EA	2-1/2" x 3" Flanged Cast Iron Body Safety Relief Valve, Steam or Water	4,537.80	167.23
23 22 16 00-0061	EA	2-1/2" x 4" Flanged Cast Iron Body Safety Relief Valve, Steam or Water	5,510.77	241.54
23 22 16 00-0062	EA	3" x 3" Flanged Cast Iron Body Safety Relief Valve, Steam or Water	5,883.34	180.12
23 22 16 00-0063	EA	3" x 4" Flanged Cast Iron Body Safety Relief Valve, Steam or Water	6,911.79	241.54
23 22 16 00-0064	EA	4" x 6" Flanged Cast Iron Body Safety Relief Valve, Steam or Water	11,568.08	342.75
23 22 16 00-0065	EA	6" x 8" Flanged Cast Iron Body Safety Relief Valve, Steam or Water	23,016.83	382.80
23 22 16 00-0066		**Bronze Body Safety Valve, Threaded, Steam** *(23 22 16 00-0047)*		
		Note: Variable set points to 250 psig pressure, 400 Degree F temperature range. Valve also can be set for Air or Gas with variable set points to 300 psig pressure.		
23 22 16 00-0067	EA	3/4" x 3/4" Threaded Bronze Body Safety Relief Valve, Steam	544.64	15.82
23 22 16 00-0068	EA	3/4" x 1" Threaded Bronze Body Safety Relief Valve, Steam	557.80	17.26
23 22 16 00-0069	EA	1" x 1" Threaded Bronze Body Safety Relief Valve, Steam	652.99	18.98
23 22 16 00-0070	EA	1" x 1-1/4" Threaded Bronze Body Safety Relief Valve, Steam	721.13	20.42
23 22 16 00-0071	EA	1-1/4" x 1-1/4" Threaded Bronze Body Safety Relief Valve, Steam	834.41	23.01
23 22 16 00-0072	EA	1-1/4" x 1-1/2" Threaded Bronze Body Safety Relief Valve, Steam	838.34	25.89
23 22 16 00-0073	EA	1-1/2" x 1-1/2" Threaded Bronze Body Safety Relief Valve, Steam	943.09	27.33
23 22 16 00-0074	EA	1-1/2" x 2" Threaded Bronze Body Safety Relief Valve, Steam	1,027.86	28.77
23 22 16 00-0075	EA	2" x 2" Threaded Bronze Body Safety Relief Valve, Steam	1,427.93	32.21
23 22 16 00-0076	EA	2" x 2-1/2" Threaded Bronze Body Safety Relief Valve, Steam	1,560.54	35.38
23 22 16 00-0077	EA	2-1/2" x 2-1/2" Threaded Bronze Body Safety Relief Valve, Steam	1,862.22	40.27
23 22 16 00-0078		**Bronze Body Safety Valve, Threaded, Water** *(23 22 16 00-0047)*		
		Note: Variable set points to 160 psig pressure, 250 Degree F temperature range.		
23 22 16 00-0079	EA	3/4" x 3/4" Threaded Bronze Body Safety Relief Valve, Water	255.40	15.82
23 22 16 00-0080	EA	3/4" x 1" Threaded Bronze Body Safety Relief Valve, Water	291.13	17.26
23 22 16 00-0081	EA	1" x 1" Threaded Bronze Body Safety Relief Valve, Water	403.84	18.98
23 22 16 00-0082	EA	1" x 1-1/4" Threaded Bronze Body Safety Relief Valve, Water	444.70	20.42
23 22 16 00-0083	EA	1-1/4" x 1-1/4" Threaded Bronze Body Safety Relief Valve, Water	643.99	23.01
23 22 16 00-0084	EA	1-1/2" x 1-1/2" Threaded Bronze Body Safety Relief Valve, Water	869.16	27.33
23 22 16 00-0085	EA	2" x 2" Threaded Bronze Body Safety Relief Valve, Water	1,268.69	32.21
23 22 16 00-0086		**Steam Temperature Regulator, Iron Body** *(23 22 16)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 22 16 00-0087		**Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body** *(23 22 16 00-0086)*		
		Note: Up to 150 PSI.		
23 22 16 00-0088	EA	1/2" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	1,346.13	16.56
23 22 16 00-0089	EA	3/4" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	1,416.19	22.32
23 22 16 00-0090	EA	1" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	1,879.50	27.50
23 22 16 00-0091	EA	1-1/4" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	2,075.14	34.75
23 22 16 00-0092	EA	1-1/2" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	2,129.10	39.92
23 22 16 00-0093	EA	2" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	2,516.00	43.44
23 22 16 00-0094	EA	2-1/2" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	3,201.82	79.57
23 22 16 00-0095	EA	3" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	4,164.68	86.78
23 22 16 00-0096	EA	4" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	6,097.76	203.12
23 22 16 00-0097	EA	6" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	10,150.16	238.40
23 22 16 00-0098		**Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body** *(23 22 16 00-0086)*		
23 22 16 00-0099	EA	1/2" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	1,995.96	16.56
23 22 16 00-0100	EA	3/4" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	2,067.02	22.32
23 22 16 00-0101	EA	1" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	2,158.97	27.50
23 22 16 00-0102	EA	1-1/4" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	2,584.31	34.75
23 22 16 00-0103	EA	1-1/2" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	2,768.45	39.92
23 22 16 00-0104	EA	2" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	3,143.83	43.44
23 22 16 00-0105	EA	2-1/2" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	4,817.41	79.57
23 22 16 00-0106	EA	3" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	5,767.44	86.78
23 22 16 00-0107	EA	4" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	7,976.70	203.12
23 22 16 00-0108	EA	6" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	12,891.71	238.40
23 22 16 00-0109		**Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body** *(23 22 16 00-0086)*		
23 22 16 00-0110	EA	1/2" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	2,720.50	16.56
23 22 16 00-0111	EA	3/4" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	2,759.94	22.32
23 22 16 00-0112	EA	1" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	3,020.36	27.50
23 22 16 00-0113	EA	1-1/4" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	3,288.75	34.75
23 22 16 00-0114	EA	1-1/2" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	3,407.80	39.92
23 22 16 00-0115	EA	2" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	3,844.46	43.44
23 22 16 00-0116	EA	2-1/2" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	7,114.45	79.57
23 22 16 00-0117	EA	3" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	8,169.48	86.78
23 22 16 00-0118	EA	4" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	10,328.55	203.12
23 22 16 00-0119	EA	6" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	14,490.26	238.40
23 22 16 00-0120		**Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body** *(23 22 16 00-0086)*		
23 22 16 00-0121	EA	1/2" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	3,486.19	16.56
23 22 16 00-0122	EA	3/4" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	3,521.81	22.32
23 22 16 00-0123	EA	1" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	3,824.32	27.50
23 22 16 00-0124	EA	1-1/4" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	3,985.49	34.75
23 22 16 00-0125	EA	1-1/2" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	4,139.01	39.92
23 22 16 00-0126	EA	2" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	4,506.77	43.44
23 22 16 00-0127	EA	2-1/2" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	7,497.29	79.57
23 22 16 00-0128	EA	3" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	8,587.95	86.78
23 22 16 00-0129	EA	4" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	10,747.03	203.12
23 22 16 00-0130	EA	6" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	14,908.74	238.40
23 22 16 00-0131		**Steam/Condensate Meter** *(23 22 16)*		
		Note: Meter shall be of the rotary volumetric type and sized on the maximum estimated steam demand.		
23 22 16 00-0132	EA	1" Steam/Condensate Meter	9,684.06	95.36
		For Owner Furnished Material, Deduct	*-9,556.91*	
		For Steam Meter Pressure-Compensated Counter, Add	*1,220.00*	
		For Contactor Used For Dial Counter, Add	*567.00*	
		For Wall Or Panel Mounted Remote Totalizer With Contactor, Add	*905.00*	
		For Direct Reading Pressure Gauge, Add	*79.82*	
		For Direct Reading Thermometer, Stainless Steel Case With Trim, Add	*64.52*	
23 22 16 00-0133	EA	2" Steam/Condensate Meter	10,922.03	112.05
		For Owner Furnished Material, Deduct	*-10,772.63*	
		For Steam Meter Pressure-Compensated Counter, Add	*1,220.00*	
		For Contactor Used For Dial Counter, Add	*567.00*	
		For Wall Or Panel Mounted Remote Totalizer With Contactor, Add	*905.00*	
		For Direct Reading Pressure Gauge, Add	*79.82*	
		For Direct Reading Thermometer, Stainless Steel Case With Trim, Add	*64.52*	
23 22 16 00-0134	EA	2-1/2" Steam/Condensate Meter	11,565.92	139.06
		For Owner Furnished Material, Deduct	*-11,380.49*	
		For Steam Meter Pressure-Compensated Counter, Add	*1,220.00*	
		For Contactor Used For Dial Counter, Add	*567.00*	
		For Wall Or Panel Mounted Remote Totalizer With Contactor, Add	*905.00*	
		For Direct Reading Pressure Gauge, Add	*79.82*	
		For Direct Reading Thermometer, Stainless Steel Case With Trim, Add	*64.52*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 22 16 00-0135	EA	3" Steam/Condensate Meter	12,232.06	182.77
		For Owner Furnished Material, Deduct	*-11,988.35*	
		For Steam Meter Pressure-Compensated Counter, Add	*1,220.00*	
		For Contactor Used For Dial Counter, Add	*567.00*	
		For Wall Or Panel Mounted Remote Totalizer With Contactor, Add	*905.00*	
		For Direct Reading Pressure Gauge, Add	*79.82*	
		For Direct Reading Thermometer, Stainless Steel Case With Trim, Add	*64.52*	
23 22 16 00-0136	EA	4" Steam/Condensate Meter	13,717.41	283.95
		For Owner Furnished Material, Deduct	*-13,339.15*	
		For Steam Meter Pressure-Compensated Counter, Add	*1,220.00*	
		For Contactor Used For Dial Counter, Add	*567.00*	
		For Wall Or Panel Mounted Remote Totalizer With Contactor, Add	*905.00*	
		For Direct Reading Pressure Gauge, Add	*79.82*	
		For Direct Reading Thermometer, Stainless Steel Case With Trim, Add	*64.52*	
23 22 16 00-0137	EA	6" Steam/Condensate Meter	23,611.36	359.18
		For Owner Furnished Material, Deduct	*-23,132.45*	
		For Steam Meter Pressure-Compensated Counter, Add	*1,220.00*	
		For Contactor Used For Dial Counter, Add	*567.00*	
		For Wall Or Panel Mounted Remote Totalizer With Contactor, Add	*905.00*	
		For Direct Reading Pressure Gauge, Add	*79.82*	
		For Direct Reading Thermometer, Stainless Steel Case With Trim, Add	*64.52*	
23 22 16 00-0138	EA	8" Steam/Condensate Meter	24,379.07	453.48
		For Owner Furnished Material, Deduct	*-23,774.08*	
		For Steam Meter Pressure-Compensated Counter, Add	*1,220.00*	
		For Contactor Used For Dial Counter, Add	*567.00*	
		For Wall Or Panel Mounted Remote Totalizer With Contactor, Add	*905.00*	
		For Direct Reading Pressure Gauge, Add	*79.82*	
		For Direct Reading Thermometer, Stainless Steel Case With Trim, Add	*64.52*	
23 22 16 00-0139	EA	10" Steam/Condensate Meter	25,427.54	556.25
		For Owner Furnished Material, Deduct	*-24,685.87*	
		For Steam Meter Pressure-Compensated Counter, Add	*1,220.00*	
		For Contactor Used For Dial Counter, Add	*567.00*	
		For Wall Or Panel Mounted Remote Totalizer With Contactor, Add	*905.00*	
		For Direct Reading Pressure Gauge, Add	*79.82*	
		For Direct Reading Thermometer, Stainless Steel Case With Trim, Add	*64.52*	
23 22 16 00-0140	EA	12" Steam/Condensate Meter	26,565.80	675.45
		For Owner Furnished Material, Deduct	*-25,665.20*	
		For Steam Meter Pressure-Compensated Counter, Add	*1,220.00*	
		For Contactor Used For Dial Counter, Add	*567.00*	
		For Wall Or Panel Mounted Remote Totalizer With Contactor, Add	*905.00*	
		For Direct Reading Pressure Gauge, Add	*79.82*	
		For Direct Reading Thermometer, Stainless Steel Case With Trim, Add	*64.52*	
23 22 16 00-0141	EA	14" Steam/Condensate Meter	28,210.60	794.64
		For Owner Furnished Material, Deduct	*-27,151.08*	
		For Steam Meter Pressure-Compensated Counter, Add	*1,220.00*	
		For Contactor Used For Dial Counter, Add	*567.00*	
		For Wall Or Panel Mounted Remote Totalizer With Contactor, Add	*905.00*	
		For Direct Reading Pressure Gauge, Add	*79.82*	
		For Direct Reading Thermometer, Stainless Steel Case With Trim, Add	*64.52*	
23 22 16 00-0142	EA	16" Steam/Condensate Meter	29,160.82	874.11
		For Owner Furnished Material, Deduct	*-27,995.33*	
		For Steam Meter Pressure-Compensated Counter, Add	*1,220.00*	
		For Contactor Used For Dial Counter, Add	*567.00*	
		For Wall Or Panel Mounted Remote Totalizer With Contactor, Add	*905.00*	
		For Direct Reading Pressure Gauge, Add	*79.82*	
		For Direct Reading Thermometer, Stainless Steel Case With Trim, Add	*64.52*	

23 22 23 Steam Condensate Pumps *(23 22)*

23 22 23 13 Electric-Driven Steam Condensate Pumps *(23 22 23)*

23 22 23 13-0001 Simplex Condensate Pumps And Motors *(23 22 23 13)*

Note: Cast iron receiver, float switch.

23 22 23 13-0002 20 PSI Discharge Pressure *(23 22 23 13-0001)*

23 22 23 13-0003	EA	3 To 6 GPM Simplex Condensate Pump And 1/3 HP Motor With 6 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	1,984.94	540.25
23 22 23 13-0004	EA	9 To 12 GPM Simplex Condensate Pump And 1/3 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	2,531.01	555.11
23 22 23 13-0005	EA	15 GPM Simplex Condensate Pump And 1/2 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	2,648.61	592.26
23 22 23 13-0006	EA	22.5 GPM Simplex Condensate Pump And 1/2 HP Motor With 21 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	2,909.44	598.63
23 22 23 13-0007	EA	30 GPM Simplex Condensate Pump And 3/4 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	3,248.58	651.70
23 22 23 13-0008	EA	37.5 GPM Simplex Condensate Pump And 3/4 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	4,733.83	651.70
23 22 23 13-0009	EA	45 GPM Simplex Condensate Pump And 1 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	4,816.97	696.27
23 22 23 13-0010	EA	60 GPM Simplex Condensate Pump And 1-1/2 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	5,859.21	728.11
23 22 23 13-0011	EA	75 GPM Simplex Condensate Pump And 2 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	5,922.32	759.96

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 22 23 13-0012		**30 PSI Discharge Pressure** *(23 22 23 13-0001)*		
23 22 23 13-0013	EA	3 To 6 GPM Simplex Condensate Pump And 1/2 HP Motor With 6 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	2,272.41	577.40
23 22 23 13-0014	EA	9 To 12 GPM Simplex Condensate Pump And 1/2 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	2,938.82	592.26
23 22 23 13-0015	EA	15 GPM Simplex Condensate Pump And 3/4 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	3,053.83	631.53
23 22 23 13-0016	EA	22.5 GPM Simplex Condensate Pump And 1 HP Motor With 21 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	3,525.21	682.47
23 22 23 13-0017	EA	30 To 37.5 GPM Simplex Condensate Pump And 1 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	4,816.97	697.33
23 22 23 13-0018	EA	45 GPM Simplex Condensate Pump And 1-1/2 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	4,950.86	721.74
23 22 23 13-0019	EA	60 GPM Simplex Condensate Pump And 2 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	5,103.61	759.96
23 22 23 13-0020	EA	75 GPM Simplex Condensate Pump And 3 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	5,910.50	808.78
23 22 23 13-0021		**40 PSI Discharge Pressure** *(23 22 23 13-0001)*		
23 22 23 13-0022	EA	3 To 6 GPM Simplex Condensate Pump And 1 HP Motor With 6 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure	2,535.45	662.31
23 22 23 13-0023	EA	9 To 15 GPM Simplex Condensate Pump And 1 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure	3,184.15	715.38
23 22 23 13-0024	EA	22.5 GPM Simplex Condensate Pump And 1-1/2 HP Motor With 21 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure	3,718.08	706.89
23 22 23 13-0025	EA	30 To 37.5 GPM Simplex Condensate Pump And 1-1/2 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure	4,927.26	721.74
23 22 23 13-0026	EA	45 GPM Simplex Condensate Pump And 2 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure	5,034.01	752.53
23 22 23 13-0027	EA	60 GPM Simplex Condensate Pump And 2 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure	5,922.32	759.96
23 22 23 13-0028	EA	75 GPM Simplex Condensate Pump And 3 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure	6,010.77	808.78
23 22 23 13-0029		**50 PSI Discharge Pressure** *(23 22 23 13-0001)*		
23 22 23 13-0030	EA	3 To 6 GPM Simplex Condensate Pump And 2 HP Motor With 6 Gallon Cast Iron Receiver, Float Switch, 50 PSI Discharge Pressure	4,703.71	717.50
23 22 23 13-0031	EA	9 To 15 GPM Simplex Condensate Pump And 2 HP Motor With 13.6 Gallon Cast Iron Receiver, Float Switch, 50 PSI Discharge Pressure	3,436.58	732.36
23 22 23 13-0032	EA	22.5 GPM Simplex Condensate Pump And 2 HP Motor With 21 Gallon Cast Iron Receiver, Float Switch, 50 PSI Discharge Pressure	3,934.53	737.67
23 22 23 13-0033	EA	30 To 45 GPM Simplex Condensate Pump And 3 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 50 PSI Discharge Pressure	5,121.28	802.41
23 22 23 13-0034	EA	60 To 75 GPM Simplex Condensate Pump And 5 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 50 PSI Discharge Pressure	8,023.31	865.04
23 22 23 13-0035		**Duplex Condensate Pumps And Motors** *(23 22 23 13)* Note: Cast iron receiver, float switch, alternator assembly.		
23 22 23 13-0036		**20 PSI Discharge Pressure** *(23 22 23 13-0035)*		
23 22 23 13-0037	EA	9 To 12 GPM Duplex Condensate Pump And 1/3 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	3,251.49	724.93
23 22 23 13-0038	EA	15 GPM Duplex Condensate Pump And 1/2 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	3,449.54	796.04
23 22 23 13-0039	EA	22.5 GPM Duplex Condensate Pump And 1/2 HP Motor With 21 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	3,759.90	802.41
23 22 23 13-0040	EA	30 GPM Duplex Condensate Pump And 3/4 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	4,198.37	874.59
23 22 23 13-0041	EA	37.5 GPM Duplex Condensate Pump And 3/4 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	5,801.58	874.59
23 22 23 13-0042	EA	45 GPM Duplex Condensate Pump And 1 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	5,919.87	942.52
23 22 23 13-0043	EA	60 GPM Duplex Condensate Pump And 1-1/2 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	6,993.37	983.92
23 22 23 13-0044	EA	75 GPM Duplex Condensate Pump And 2 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	7,170.30	1,032.73
23 22 23 13-0045		**30 PSI Discharge Pressure** *(23 22 23 13-0035)*		
23 22 23 13-0046	EA	9 To 12 GPM Duplex Condensate Pump And 1/2 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	4,190.51	781.18
23 22 23 13-0047	EA	15 GPM Duplex Condensate Pump And 3/4 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	4,392.91	853.36
23 22 23 13-0048	EA	22.5 GPM Duplex Condensate Pump And 1 HP Motor With 21 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	4,859.32	832.14
23 22 23 13-0049	EA	30 To 37.5 GPM Duplex Condensate Pump And 1 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	5,919.87	942.52
23 22 23 13-0050	EA	45 GPM Duplex Condensate Pump And 1-1/2 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	6,089.74	977.54

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 22 23 13-0051	EA	60 GPM Duplex Condensate Pump And 2 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	6,934.36	1,032.73
23 22 23 13-0052	EA	75 GPM Duplex Condensate Pump And 3 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	7,281.75	1,107.04
23 22 23 13-0053		40 PSI Discharge Pressure *(23 22 23 13-0035)*		
23 22 23 13-0054	EA	9 To 15 GPM Duplex Condensate Pump And 1 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure	4,558.39	921.29
23 22 23 13-0055	EA	22.5 GPM Duplex Condensate Pump And 1-1/2 HP Motor With 21 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure	5,026.82	962.69
23 22 23 13-0056	EA	30 To 37.5 GPM Duplex Condensate Pump And 1-1/2 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure	6,103.89	977.54
23 22 23 13-0057	EA	45 GPM Duplex Condensate Pump And 2 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure	6,282.01	1,026.37
23 22 23 13-0058	EA	60 GPM Duplex Condensate Pump And 2 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure	7,171.48	1,032.73
23 22 23 13-0059	EA	75 GPM Duplex Condensate Pump And 3 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure	7,310.07	1,107.04
23 22 23 13-0060		50 PSI Discharge Pressure *(23 22 23 13-0035)*		
23 22 23 13-0061	EA	9 To 15 GPM Duplex Condensate Pump And 2 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 50 PSI Discharge Pressure	4,754.22	921.29
23 22 23 13-0062	EA	22.5 GPM Duplex Condensate Pump And 2 HP Motor With 21 Gallon Cast Iron Receiver, Float Switch, 50 PSI Discharge Pressure	5,134.16	1,012.57
23 22 23 13-0063	EA	30 To 45 GPM Duplex Condensate Pump And 3 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 50 PSI Discharge Pressure	6,421.76	1,099.60
23 22 23 13-0064	EA	60 To 75 GPM Duplex Condensate Pump And 5 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 50 PSI Discharge Pressure	11,060.30	1,190.88

23 23 Refrigerant Piping *(23 20)*

23 23 13 Refrigerant Piping Valves *(23 23)*

23 23 13 00-0001		Ball Valves *(23 23 13)*		
23 23 13 00-0002		Refrigeration Ball Valves, Sweat, 1400 Series *(23 23 13 00-0001)*		
23 23 13 00-0003	EA	3/8" Refrigeration Ball Valve, Sweated	47.08	11.51
23 23 13 00-0004	EA	1/2" Refrigeration Ball Valve, Sweated	48.94	11.51
23 23 13 00-0005	EA	5/8" Refrigeration Ball Valve, Sweated	66.23	11.51
23 23 13 00-0006	EA	7/8" Refrigeration Ball Valve, Sweated	88.66	12.66
23 23 13 00-0007	EA	1-1/8" Refrigeration Ball Valve, Sweated	124.63	14.38
23 23 13 00-0008	EA	1-5/8" Refrigeration Ball Valve, Sweated	203.45	17.72
23 23 13 00-0009		Shut-Off Valves *(23 23 13)*		
23 23 13 00-0010		Packless *(23 23 13 00-0009)*		
23 23 13 00-0011	EA	1/2" Refrigeration Valve, Packless	63.82	11.99
23 23 13 00-0012	EA	5/8" Refrigeration Valve, Packless	79.97	13.14
23 23 13 00-0013	EA	7/8" Refrigeration Valve, Packless	164.73	17.98
23 23 13 00-0014		Packed *(23 23 13 00-0009)*		
23 23 13 00-0015	EA	1-1/8" Refrigeration Valve, Packed	293.18	26.16
23 23 13 00-0016	EA	1 3/8" Refrigeration Valve, Packed	392.22	32.03
23 23 13 00-0017	EA	1-5/8" Refrigeration Valve, Packed	478.04	36.07
23 23 13 00-0018	EA	2-1/8" Refrigeration Valve, Packed	683.94	41.14
23 23 13 00-0019	EA	2-5/8" Refrigeration Valve, Packed	1,130.71	115.24
23 23 13 00-0020	EA	3-1/8" Refrigeration Valve, Packed	1,484.37	144.06
23 23 13 00-0021	EA	4-1/8" Refrigeration Valve, Packed	2,111.92	192.11
23 23 13 00-0022		Check Valves *(23 23 13)*		
23 23 13 00-0023	EA	5/8" Check Valve, Refrigeration	80.38	11.52
23 23 13 00-0024	EA	7/8" Check Valve, Refrigeration	256.67	12.67
23 23 13 00-0025	EA	1-1/8" Check Valve, Refrigeration	297.58	14.40
23 23 13 00-0026	EA	1 3/8" Check Valve, Refrigeration	400.97	15.33
23 23 13 00-0027	EA	1-5/8" Check Valve, Refrigeration	528.43	17.75
23 23 13 00-0028	EA	2-1/8" Check Valve, Refrigeration	784.69	20.97
23 23 13 00-0029	EA	2-5/8" Check Valve, Refrigeration	1,098.18	30.77
23 23 13 00-0030	EA	3-1/8" Check Valve, Refrigeration	1,453.91	40.33
23 23 13 00-0031		Solenoid Valves *(23 23 13)*		
23 23 13 00-0032		Solenoid Valve, 24 Volt Coil *(23 23 13 00-0031)*		
23 23 13 00-0033	EA	1/2" Solenoid Valve, Refrigeration	219.08	11.52
23 23 13 00-0034	EA	5/8" Solenoid Valve, Refrigeration	224.37	11.52
23 23 13 00-0035	EA	3/4" Solenoid Valve, Refrigeration	277.31	12.67

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 23 13 00-0036	EA	7/8" Solenoid Valve, Refrigeration	277.31	12.67
23 23 13 00-0037	EA	1-1/8" Solenoid Valve, Refrigeration	388.47	14.40
23 23 13 00-0038	EA	1 3/8" Solenoid Valve, Refrigeration	624.07	15.33
23 23 13 00-0039	EA	1-5/8" Solenoid Valve, Refrigeration	1,150.07	17.75
23 23 13 00-0040	EA	2-1/8" Solenoid Valve, Refrigeration	1,166.18	20.97

23 23 16 Refrigerant Piping Specialties *(23 23)*

23 23 16 00-0001 Soft Refrigeration Copper Tubing *(23 23 16)*

Note: Based on outside diameter. Nitrogenized. Lengths up to 100' See CSI section 22 07 19 00-1018 for flexible elastomeric insulation (insulation on suction line only).

23 23 16 00-0002	LF	1/8" Outside Diameter Soft Refrigeration Copper Tubing	4.87	2.74
23 23 16 00-0003	LF	3/16" Outside Diameter Soft Refrigeration Copper Tubing	5.11	2.81
23 23 16 00-0004	LF	1/4" Outside Diameter Soft Refrigeration Copper Tubing	5.35	2.89
23 23 16 00-0005	LF	5/16" Outside Diameter Soft Refrigeration Copper Tubing	5.76	2.94
23 23 16 00-0006	LF	3/8" Outside Diameter Soft Refrigeration Copper Tubing	5.93	2.98
23 23 16 00-0007	LF	1/2" Outside Diameter Soft Refrigeration Copper Tubing	6.70	3.13
23 23 16 00-0008	LF	5/8" Outside Diameter Soft Refrigeration Copper Tubing	7.41	3.17
23 23 16 00-0009	LF	3/4" Outside Diameter Soft Refrigeration Copper Tubing	8.13	3.28
23 23 16 00-0010	LF	7/8" Outside Diameter Soft Refrigeration Copper Tubing	10.54	3.85
23 23 16 00-0011	LF	1-1/8" Outside Diameter Soft Refrigeration Copper Tubing	13.47	4.41
23 23 16 00-0012	LF	1-3/8" Outside Diameter Soft Refrigeration Copper Tubing	19.62	5.22
23 23 16 00-0013	LF	1-5/8" Outside Diameter Soft Refrigeration Copper Tubing	23.72	5.84

23 23 16 00-0014 Type L Drawn, ACR Copper Tubing *(23 23 16)*

Note: Nitrogenized. Lengths up to 20'. See CSI section 22 07 19 00-1018 for flexible elastomeric insulation (insulation on suction line only).

23 23 16 00-0015	LF	3/8" Outside Diameter Type L Drawn, ACR Copper Tubing	6.56	3.22
		For Medical Applications "Oxygen Clean", Add	*0.57*	
23 23 16 00-0016	LF	1/2" Outside Diameter Type L Drawn, ACR Copper Tubing	7.43	3.22
		For Medical Applications "Oxygen Clean", Add	*0.62*	
23 23 16 00-0017	LF	5/8" Outside Diameter Type L Drawn, ACR Copper Tubing	7.97	3.22
		For Medical Applications "Oxygen Clean", Add	*0.64*	
23 23 16 00-0018	LF	3/4" Outside Diameter Type L Drawn, ACR Copper Tubing	11.53	4.84
		For Medical Applications "Oxygen Clean", Add	*0.94*	
23 23 16 00-0019	LF	7/8" Outside Diameter Type L Drawn, ACR Copper Tubing	12.60	5.19
		For Medical Applications "Oxygen Clean", Add	*1.02*	
23 23 16 00-0020	LF	1-1/8" Outside Diameter Type L Drawn, ACR Copper Tubing	14.77	5.19
		For Medical Applications "Oxygen Clean", Add	*1.13*	
23 23 16 00-0021	LF	1-3/8" Outside Diameter Type L Drawn, ACR Copper Tubing	18.44	5.99
		For Medical Applications "Oxygen Clean", Add	*1.38*	
23 23 16 00-0022	LF	1-5/8" Outside Diameter Type L Drawn, ACR Copper Tubing	22.38	6.91
		For Medical Applications "Oxygen Clean", Add	*1.64*	
23 23 16 00-0023	LF	2-1/8" Outside Diameter Type L Drawn, ACR Copper Tubing	31.80	8.64
		For Medical Applications "Oxygen Clean", Add	*2.24*	
23 23 16 00-0024	LF	2-5/8" Outside Diameter Type L Drawn, ACR Copper Tubing	47.70	13.02
		For Medical Applications "Oxygen Clean", Add	*3.36*	
23 23 16 00-0025	LF	3-1/8" Outside Diameter Type L Drawn, ACR Copper Tubing	61.80	16.14
		For Medical Applications "Oxygen Clean", Add	*4.30*	
23 23 16 00-0026	LF	3-5/8" Outside Diameter Type L Drawn, ACR Copper Tubing	77.87	19.10
		For Medical Applications "Oxygen Clean", Add	*5.33*	
23 23 16 00-0027	LF	4-1/8" Outside Diameter Type L Drawn, ACR Copper Tubing	96.39	23.05
		For Medical Applications "Oxygen Clean", Add	*6.55*	

23 23 16 00-0028 Refrigeration Fittings *(23 23 16)*

23 23 16 00-0029 Brass Flare Fittings *(23 23 16 00-0028)*

23 23 16 00-0030 Brass Flare Unions *(23 23 16 00-0029)*

23 23 16 00-0031	EA	3/8" Brass Flare Union	27.05	12.43
23 23 16 00-0032	EA	1/2" Brass Flare Union	27.05	12.43
23 23 16 00-0033	EA	5/8" Brass Flare Union	29.23	12.43

23 23 16 00-0034 90 Degree Elbow Brass Flare Unions *(23 23 16 00-0029)*

23 23 16 00-0035	EA	3/8" 90 Degree Brass Flare Elbow Union	28.37	12.43
23 23 16 00-0036	EA	1/2" 90 Degree Brass Flare Elbow Union	28.37	12.43
23 23 16 00-0037	EA	5/8" 90 Degree Brass Flare Elbow Union	35.69	12.43

23 23 16 00-0038 Brass Flare Tees *(23 23 16 00-0029)*

23 23 16 00-0039	EA	3/8" Brass Flare Tee	43.55	20.71
23 23 16 00-0040	EA	1/2" Brass Flare Tee	46.81	20.71
23 23 16 00-0041	EA	5/8" Brass Flare Tee	64.56	20.71

23 23 16 00-0042 Male Connector, Half Brass Flare Unions *(23 23 16 00-0029)*

23 23 16 00-0043	EA	3/8" Brass Flare Male Connector, Half Union	21.05	12.43
23 23 16 00-0044	EA	1/2" Brass Flare Male Connector, Half Union	23.23	12.43

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 23 16 00-0045	EA	5/8" Brass Flare Male Connector, Half Union	26.34	12.43
23 23 16 00-0046		**Female Connector, Half Brass Flare Unions** *(23 23 16 00-0029)*		
23 23 16 00-0047	EA	3/8" Brass Flare Female Connector, Half Union	23.86	12.43
23 23 16 00-0048	EA	1/2" Brass Flare Female Connector, Half Union	26.82	12.43
23 23 16 00-0049	EA	5/8" Brass Flare Female Connector, Half Union	26.82	12.43
23 23 16 00-0050		**Long Forged Nuts** *(23 23 16 00-0029)*		
23 23 16 00-0051	EA	3/8" Brass Long Forged Nut	22.38	12.43
23 23 16 00-0052	EA	1/2" Brass Long Forged Nut	23.23	12.43
23 23 16 00-0053	EA	5/8" Brass Long Forged Nut	32.72	12.43
23 23 16 00-0054		**Short Forged Nuts** *(23 23 16 00-0029)*		
23 23 16 00-0055	EA	3/8" Brass Short Forged Nut	21.14	12.43
23 23 16 00-0056	EA	1/2" Brass Short Forged Nut	23.11	12.43
23 23 16 00-0057	EA	5/8" Brass Short Forged Nut	23.52	12.43
23 23 16 00-0058		**ACR Wrought Copper Fittings** *(23 23 16 00-0028)* Note: Soldered.		
23 23 16 00-0059		**ACR Wrought Copper Coupling** *(23 23 16 00-0058)* Note: C x C		
23 23 16 00-0060	EA	1/4" ACR Wrought Copper Coupling	20.54	12.43
23 23 16 00-0061	EA	3/8" ACR Wrought Copper Coupling	20.19	12.43
23 23 16 00-0062	EA	1/2" ACR Wrought Copper Coupling	20.71	12.43
23 23 16 00-0063	EA	5/8" ACR Wrought Copper Coupling	21.33	13.02
23 23 16 00-0064	EA	3/4" ACR Wrought Copper Coupling	30.50	17.17
23 23 16 00-0065	EA	7/8" ACR Wrought Copper Coupling	29.97	17.63
23 23 16 00-0066	EA	1-1/8" ACR Wrought Copper Coupling	39.92	21.90
23 23 16 00-0067	EA	1-3/8" ACR Wrought Copper Coupling	57.45	29.97
23 23 16 00-0068	EA	1-5/8" ACR Wrought Copper Coupling	69.29	35.15
23 23 16 00-0069	EA	2-1/8" ACR Wrought Copper Coupling	91.48	42.64
23 23 16 00-0070	EA	2-5/8" ACR Wrought Copper Coupling	159.25	64.77
23 23 16 00-0071	EA	3-1/8" ACR Wrought Copper Coupling	212.45	85.17
23 23 16 00-0072	EA	4-1/8" ACR Wrought Copper Coupling	344.34	101.19
23 23 16 00-0073		**ACR Wrought Copper Short Radius 90 Degree Elbows** *(23 23 16 00-0058)* Note: C x C		
23 23 16 00-0074	EA	1/4" ACR Wrought Copper Short Radius 90 Degree Elbow	25.23	12.43
23 23 16 00-0075	EA	3/8" ACR Wrought Copper Short Radius 90 Degree Elbow	25.58	12.43
23 23 16 00-0076	EA	1/2" ACR Wrought Copper Short Radius 90 Degree Elbow	25.23	12.43
23 23 16 00-0077	EA	5/8" ACR Wrought Copper Short Radius 90 Degree Elbow	27.42	13.02
23 23 16 00-0078	EA	3/4" ACR Wrought Copper Short Radius 90 Degree Elbow	40.07	17.17
23 23 16 00-0079	EA	7/8" ACR Wrought Copper Short Radius 90 Degree Elbow	40.58	17.63
23 23 16 00-0080	EA	1-1/8" ACR Wrought Copper Short Radius 90 Degree Elbow	51.76	21.90
23 23 16 00-0081	EA	1 3/8" ACR Wrought Copper Short Radius 90 Degree Elbow	64.28	29.97
23 23 16 00-0082	EA	1-5/8" ACR Wrought Copper Short Radius 90 Degree Elbow	82.90	35.15
23 23 16 00-0083	EA	2-1/8" ACR Wrought Copper Short Radius 90 Degree Elbow	118.82	42.64
23 23 16 00-0084	EA	2-5/8" ACR Wrought Copper Short Radius 90 Degree Elbow	207.03	64.77
23 23 16 00-0085	EA	3-1/8" ACR Wrought Copper Short Radius 90 Degree Elbow	265.89	85.17
23 23 16 00-0086	EA	4-1/8" ACR Wrought Copper Short Radius 90 Degree Elbow	505.34	101.19
23 23 16 00-0087		**ACR Wrought Copper Long Radius 90 Degree Elbows** *(23 23 16 00-0058)* Note: C x C		
23 23 16 00-0088	EA	1/4" ACR Wrought Copper Long Radius 90 Degree Elbow	31.09	12.43
23 23 16 00-0089	EA	3/8" ACR Wrought Copper Long Radius 90 Degree Elbow	27.99	12.43
23 23 16 00-0090	EA	1/2" ACR Wrought Copper Long Radius 90 Degree Elbow	30.45	12.43
23 23 16 00-0091	EA	5/8" ACR Wrought Copper Long Radius 90 Degree Elbow	30.24	13.02
23 23 16 00-0092	EA	3/4" ACR Wrought Copper Long Radius 90 Degree Elbow	36.62	17.17
23 23 16 00-0093	EA	7/8" ACR Wrought Copper Long Radius 90 Degree Elbow	40.21	17.63
23 23 16 00-0094	EA	1-1/8" ACR Wrought Copper Long Radius 90 Degree Elbow	55.01	21.90
23 23 16 00-0095	EA	1-3/8" ACR Wrought Copper Long Radius 90 Degree Elbow	80.99	29.97
23 23 16 00-0096	EA	1-5/8" ACR Wrought Copper Long Radius 90 Degree Elbow	101.14	35.15
23 23 16 00-0097	EA	2-1/8" ACR Wrought Copper Long Radius 90 Degree Elbow	191.20	42.64
23 23 16 00-0098	EA	2-5/8" ACR Wrought Copper Long Radius 90 Degree Elbow	298.65	64.77
23 23 16 00-0099	EA	3-1/8" ACR Wrought Copper Long Radius 90 Degree Elbow	394.63	85.17
23 23 16 00-0100	EA	4-1/8" ACR Wrought Copper Long Radius 90 Degree Elbow	866.69	101.19
23 23 16 00-0101		**ACR Wrought Copper 45 Degree Elbow** *(23 23 16 00-0058)* Note: C x C		
23 23 16 00-0102	EA	1/4" ACR Wrought Copper 45 Degree Elbow	35.35	12.43
23 23 16 00-0103	EA	3/8" ACR Wrought Copper 45 Degree Elbow	31.09	12.43
23 23 16 00-0104	EA	1/2" ACR Wrought Copper 45 Degree Elbow	29.28	12.43
23 23 16 00-0105	EA	5/8" ACR Wrought Copper 45 Degree Elbow	23.88	13.02

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 23 16 00-0106	EA	3/4" ACR Wrought Copper 45 Degree Elbow	44.60	17.17
23 23 16 00-0107	EA	7/8" ACR Wrought Copper 45 Degree Elbow	33.94	17.63
23 23 16 00-0108	EA	1-1/8" ACR Wrought Copper 45 Degree Elbow	51.72	21.90
23 23 16 00-0109	EA	1-3/8" ACR Wrought Copper 45 Degree Elbow	70.29	29.97
23 23 16 00-0110	EA	1-5/8" ACR Wrought Copper 45 Degree Elbow	83.28	35.15
23 23 16 00-0111	EA	2-1/8" ACR Wrought Copper 45 Degree Elbow	114.85	42.64
23 23 16 00-0112	EA	2-5/8" ACR Wrought Copper 45 Degree Elbow	205.70	64.77
23 23 16 00-0113	EA	3-1/8" ACR Wrought Copper 45 Degree Elbow	279.31	85.17
23 23 16 00-0114	EA	4-1/8" ACR Wrought Copper45 Degree Elbow	474.66	101.19
23 23 16 00-0115		**ACR Wrought Copper Tee** *(23 23 16 00-0058)*		
		Note: C x C x C		
23 23 16 00-0116	EA	1/4" ACR Wrought Copper Tee	44.38	20.71
23 23 16 00-0117	EA	3/8" ACR Wrought Copper Tee	45.13	20.71
23 23 16 00-0118	EA	1/2" ACR Wrought Copper Tee	42.35	20.71
23 23 16 00-0119	EA	5/8" ACR Wrought Copper Tee	43.13	26.16
23 23 16 00-0120	EA	3/4" ACR Wrought Copper Tee	64.93	26.16
23 23 16 00-0121	EA	7/8" ACR Wrought Copper Tee	49.40	26.50
23 23 16 00-0122	EA	1-1/8" ACR Wrought Copper Tee	82.61	35.15
23 23 16 00-0123	EA	1-3/8" ACR Wrought Copper Tee	104.26	42.64
23 23 16 00-0124	EA	1-5/8" ACR Wrought Copper Tee	138.13	50.59
23 23 16 00-0125	EA	2-1/8" ACR Wrought Copper Tee	198.26	67.42
23 23 16 00-0126	EA	2-5/8" ACR Wrought Copper Tee	416.62	147.17
23 23 16 00-0127	EA	3-1/8" ACR Wrought Copper Tee	523.87	161.80
23 23 16 00-0128	EA	4-1/8" ACR Wrought Copper Tee	950.27	179.78
23 23 16 00-0129		**ACR Wrought Copper Male Adapter** *(23 23 16 00-0058)*		
		Note: C x M		
23 23 16 00-0130	EA	1/4" ACR Wrought Copper Male Adapter	39.58	12.43
23 23 16 00-0131	EA	3/8" ACR Wrought Copper Male Adapter	46.39	12.43
23 23 16 00-0132	EA	1/2" ACR Wrought Copper Male Adapter	35.08	12.43
23 23 16 00-0133		**ACR Wrought Copper Female Adapter** *(23 23 16 00-0058)*		
		Note: C x F		
23 23 16 00-0134	EA	1/4" ACR Wrought Copper Female Adapter	36.91	12.43
23 23 16 00-0135	EA	3/8" ACR Wrought Copper Female Adapter	33.00	12.43
23 23 16 00-0136	EA	1/2" ACR Wrought Copper Female Adapter	34.48	12.43
23 23 16 00-0137		**ACR Wrought Copper Cap** *(23 23 16 00-0058)*		
		Note: C		
23 23 16 00-0138	EA	1/4" ACR Wrought Copper Cap	15.66	8.29
23 23 16 00-0139	EA	3/8" ACR Wrought Copper Cap	14.43	8.29
23 23 16 00-0140	EA	1/2" ACR Wrought Copper Cap	15.63	8.29
23 23 16 00-0141		**ACR Wrought Copper P-Trap** *(23 23 16 00-0058)*		
23 23 16 00-0142	EA	5/8" ACR Wrought Copper P-Trap	110.06	10.61
23 23 16 00-0143	EA	3/4" ACR Wrought Copper P-Trap	151.60	11.67
23 23 16 00-0144	EA	7/8" ACR Wrought Copper P-Trap	129.26	11.67
23 23 16 00-0145	EA	1-1/8" ACR Wrought Copper P-Trap	178.59	12.74
23 23 16 00-0146	EA	1-3/8" ACR Wrought Copper P-Trap	311.79	12.74
23 23 16 00-0147	EA	1-5/8" ACR Wrought Copper P-Trap	444.81	13.80
23 23 16 00-0148	EA	2-1/8" ACR Wrought Copper P-Trap	820.80	14.86
23 23 16 00-0149		**Sight Glass With Moisture And Liquid Indicator, Solder Connection** *(23 23 16)*		
23 23 16 00-0150	EA	1/4" Outside Diameter Sight Glass With Moisture And Liquid Indicator, Solder Connection	59.59	15.93
23 23 16 00-0151	EA	3/8" Outside Diameter Sight Glass With Moisture And Liquid Indicator, Solder Connection	72.36	19.10
23 23 16 00-0152	EA	1/2" Outside Diameter Sight Glass With Moisture And Liquid Indicator, Solder Connection	87.47	23.35
23 23 16 00-0153	EA	5/8" Outside Diameter Sight Glass With Moisture And Liquid Indicator, Solder Connection	96.06	26.54
23 23 16 00-0154	EA	7/8" Outside Diameter Sight Glass With Moisture And Liquid Indicator, Solder Connection	129.83	33.97
23 23 16 00-0155	EA	1-1/8" Outside Diameter Sight Glass With Moisture And Liquid Indicator, Solder Connection	149.92	41.40
23 23 16 00-0156	EA	1-3/8" Outside Diameter Sight Glass With Moisture And Liquid Indicator, Solder Connection	232.92	48.83
23 23 16 00-0157	EA	1-5/8" Outside Diameter Sight Glass With Moisture And Liquid Indicator, Solder Connection	286.51	66.87
23 23 16 00-0158	EA	2-1/8" Outside Diameter Sight Glass With Moisture And Liquid Indicator, Solder Connection	351.58	82.78
23 23 16 00-0159		**Filter Driers, Solder Connections** *(23 23 16)*		
23 23 16 00-0160		**Replaceable Core Type Filter Driers, Solder Connections** *(23 23 16 00-0159)*		
23 23 16 00-0161	EA	5/8" Outside Diameter Replaceable Core Type Filter Drier, Solder Connections	543.79	9.56
23 23 16 00-0162	EA	7/8" Outside Diameter Replaceable Core Type Filter Drier, Solder Connections	545.59	11.67
23 23 16 00-0163	EA	1-1/8" Outside Diameter Replaceable Core Type Filter Drier, Solder Connections	696.71	11.67
23 23 16 00-0164	EA	1-3/8" Outside Diameter Replaceable Core Type Filter Drier, Solder Connections	692.73	12.74
23 23 16 00-0165	EA	1-5/8" Outside Diameter Replaceable Core Type Filter Drier, Solder Connections	770.66	13.80
23 23 16 00-0166	EA	2-1/8" Outside Diameter Replaceable Core Type Filter Drier, Solder Connections	865.33	14.86
23 23 16 00-0167	EA	2-5/8" Outside Diameter Replaceable Core Type Filter Drier, Solder Connections	1,010.67	15.93

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 23 16 00-0168	EA	3-1/8" Outside Diameter Replaceable Core Type Filter Drier, Solder Connections	1,261.72	15.93
23 23 16 00-0169		**Sealed In-Line Filter Driers, Solder Connections** *(23 23 16 00-0159)*		
23 23 16 00-0170	EA	1/4" Outside Diameter, 1/4 To 1 Ton, Sealed In-Line Filter Drier, Solder Connections	86.32	9.56
23 23 16 00-0171	EA	3/8" Outside Diameter, 1/2 To 2 Ton, Sealed In-Line Filter Drier, Solder Connections	110.29	9.56
23 23 16 00-0172	EA	1/2" Outside Diameter, 1 To 7 Ton, Sealed In-Line Filter Drier, Solder Connections	140.84	10.61
23 23 16 00-0173	EA	1/2" Outside Diameter, 2 To 7-1/2 Ton, Sealed In-Line Filter Drier, Solder Connections	163.20	10.61
23 23 16 00-0174	EA	5/8" Outside Diameter, 2 To 10 Ton, Sealed In-Line Filter Drier, Solder Connections	179.40	10.61
23 23 16 00-0175	EA	5/8" Outside Diameter, 4 To 8 Ton, Sealed In-Line Filter Drier, Solder Connections	207.78	10.61
23 23 16 00-0176	EA	7/8" Outside Diameter, 5 To 20 Ton, Sealed In-Line Filter Drier, Solder Connections	233.78	11.67
23 23 16 00-0177	EA	7/8" Outside Diameter, 7-1/2 To 20 Ton, Sealed In-Line Filter Drier, Solder Connections	346.28	11.67
23 23 16 00-0178	EA	1-1/8" Outside Diameter, 15 To 25 Ton, Sealed In-Line Filter Drier, Solder Connections	376.52	11.67
23 23 16 00-0179		**Bi-Flow Filter Driers, Solder Connections** *(23 23 16 00-0159)*		
23 23 16 00-0180	EA	1/4" Outside Diameter, 1 To 3-1/2 Ton, Bi-Flow Filter Drier, Solder Connections	121.54	9.56
23 23 16 00-0181	EA	3/8" Outside Diameter, 1 To 3-1/2 Ton, Bi-Flow Filter Drier, Solder Connections	135.36	9.56
23 23 16 00-0182	EA	1/2" Outside Diameter, 1 To 3-1/2 Ton, Bi-Flow Filter Drier, Solder Connections	161.35	10.61
23 23 16 00-0183	EA	3/8" Outside Diameter, 1 To 8 Ton, Bi-Flow Filter Drier, Solder Connections	145.30	9.56
23 23 16 00-0184	EA	1/2" Outside Diameter, 1 To 8 Ton, Bi-Flow Filter Drier, Solder Connections	181.86	10.61
23 23 16 00-0185	EA	5/8" Outside Diameter, 1 To 8 Ton, Bi-Flow Filter Drier, Solder Connections	211.30	10.61
23 23 16 00-0186		**Refrigerant Compressor Discharge Mufflers** *(23 23 16)*		
23 23 16 00-0187	EA	3/8" Outside Diameter, 2 Ton, Refrigerant Compressor Discharge Muffler	109.38	9.56
23 23 16 00-0188	EA	1/2" Outside Diameter, 3 Ton, Refrigerant Compressor Discharge Muffler	120.77	9.56
23 23 16 00-0189	EA	5/8" Outside Diameter, 5 Ton, Refrigerant Compressor Discharge Muffler	145.62	9.56
23 23 16 00-0190	EA	7/8" Outside Diameter, 7-1/2 To 10 Ton, Refrigerant Compressor Discharge Muffler	195.12	11.67
23 23 16 00-0191	EA	1-1/8" Outside Diameter, 10 To 15 Ton, Refrigerant Compressor Discharge Muffler	254.51	11.67
23 23 16 00-0192	EA	1-3/8" Outside Diameter, 15 To 25 Ton, Refrigerant Compressor Discharge Muffler	302.34	12.74
23 23 16 00-0193	EA	1-5/8" Outside Diameter, 25 To 50 Ton, Refrigerant Compressor Discharge Muffler	383.24	13.80
23 23 16 00-0194	EA	2-1/8" Outside Diameter, 50 To 75 Ton, Refrigerant Compressor Discharge Muffler	709.73	14.86
23 23 16 00-0195	EA	2-5/8" Outside Diameter, 75 To 100 Ton, Refrigerant Compressor Discharge Muffler	792.45	15.93
23 23 16 00-0196	EA	3-1/8" Outside Diameter, 100 To 125 Ton, Refrigerant Compressor Discharge Muffler	980.58	15.93
23 23 16 00-0197		**Expansion Valves And Vibration Absorbers** *(23 23 16)*		
23 23 16 00-0198		**Thermostatic Expansion Valves** *(23 23 16 00-0197)* Note: Outside diameter pipe sizes. Sporlan TP-S.		
23 23 16 00-0199	EA	3/8" In x 5/8" Out, 1/2 To 3 Ton, Thermostatic Expansion Valve	235.61	9.56
23 23 16 00-0200	EA	1/2" In x 7/8" Out, 4 To 5 Ton, Thermostatic Expansion Valve	328.15	10.61
23 23 16 00-0201	EA	5/8" In x 7/8" Out, 6 To 8 Ton, Thermostatic Expansion Valve	560.08	10.61
23 23 16 00-0202	EA	7/8" In x 1-1/8" Out, 7 To 12 Ton, Thermostatic Expansion Valve	663.83	11.67
23 23 16 00-0203	EA	7/8" In x 1-3/8" Out, 15 To 20 Ton, Thermostatic Expansion Valve	716.90	11.67
23 23 16 00-0204		**Electric Expansion Valves** *(23 23 16 00-0197)* Note: Sporlan SEI or SEH.		
23 23 16 00-0205	EA	1/2 To 11 Ton Electric Expansion Valve Note: Sporlan SEI.	575.19	13.26
23 23 16 00-0206	EA	25 Ton Electric Expansion Valve Note: Sporlan SEI.	666.54	13.80
23 23 16 00-0207	EA	50 Ton Electric Expansion Valve Note: Sporlan SEI.	758.41	14.33
23 23 16 00-0208	EA	100 Ton Electric Expansion Valve Note: Sporlan SEH.	890.29	14.33
23 23 16 00-0209	EA	175 Ton Electric Expansion Valve Note: Sporlan SEH.	1,002.81	14.86
23 23 16 00-0210		**Braided Stainless Steel Over Copper Vibration Absorber** *(23 23 16 00-0197)*		
23 23 16 00-0211	EA	1/4" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber	62.49	13.80
23 23 16 00-0212	EA	3/8" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber	62.69	15.93
23 23 16 00-0213	EA	1/2" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber	81.32	20.17
23 23 16 00-0214	EA	5/8" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber	87.50	24.41
23 23 16 00-0215	EA	3/4" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber	103.00	29.71
23 23 16 00-0216	EA	7/8" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber	119.26	33.97
23 23 16 00-0217	EA	1-1/8" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber	169.31	12.74
23 23 16 00-0218	EA	1-3/8" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber	239.23	13.80
23 23 16 00-0219	EA	1-5/8" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber	299.98	13.80
23 23 16 00-0220	EA	2-1/8" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber	411.54	14.86
23 23 16 00-0221	EA	2-5/8" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber	703.19	15.93
23 23 16 00-0222	EA	3-1/8" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber	922.01	15.93
23 23 16 00-0223		**Accumulator, Refrigerant Suction Line** *(23 23 16)*		
23 23 16 00-0224	EA	3/4" Accumulator, Refrigeration Suction Line	198.55	48.29
23 23 16 00-0225	EA	7/8" Accumulator, Refrigeration Suction Line	268.98	66.33
23 23 16 00-0226	EA	1-1/8" Accumulator, Refrigeration Suction Line	319.56	88.42

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 23 16 00-0227	EA	1 3/8" Accumulator, Refrigeration Suction Line	452.65	106.14
23 23 16 00-0228	EA	1-5/8" Accumulator, Refrigeration Suction Line	625.62	132.68
23 23 16 00-0229	EA	2-1/8" Accumulator, Refrigeration Suction Line	954.58	176.94

23 23 16 00-0230 Special Chemicals/Component *(23 23 16)*

23 23 16 00-0231	GAL	Special Chemical, Inhibited Propylene Glycol, 100%	41.27	
23 23 16 00-0232	GAL	Removal And Storage For Reuse Of Inhibited Propylene Glycol	8.23	
23 23 16 00-0233	GAL	Special Chemical, Inhibited Ethylene Glycol, 100%	28.04	
23 23 16 00-0234	EA	Internal Coil/Refrigerant Piping Flush Note: Up to 10 ton AC system.	343.23	

23 23 23 Refrigerants *(23 23)*

23 23 23 00-0001 Refrigerant *(23 23 23)*

23 23 23 00-0002	LB	R-113 Refrigerant	58.19	
23 23 23 00-0003	LB	R-123 Refrigerant	42.68	
23 23 23 00-0004	LB	R-134A Refrigerant	15.21	
23 23 23 00-0005	LB	R-410A Refrigerant	26.39	

23 25 HVAC Water Treatment *(23 20)*

23 25 13 Water Treatment for Closed-Loop Hydronic Systems *(23 25)*

23 25 13 00-0001 Polyethylene Chemical Storage Tanks *(23 25 13)*

23 25 13 00-0002	EA	15 Gallon Chemical Storage Tank, Polyethylene	531.92	88.62

23 25 13 00-0003 Gas Chlorinator *(23 25 13)*

23 25 13 00-0004	EA	Gas Chlorinator, Wall Or Cylinder Mounted (10 PPD) With Metering Tube And Rate Valve Metering Tube Supply Indicator, Rate Valve, And Diffuser-Ejector Unit	1,155.57	402.70
		For Booster Pump, Add	*451.68*	
23 25 13 00-0005	EA	Gas Chlorinator, Wall Or Cylinder Mounted (25 PPD) With Metering Tube And Rate Valve Metering Tube Supply Indicator, Rate Valve, And Diffuser-Ejector Unit	1,320.22	460.23
		For Booster Pump, Add	*516.30*	
23 25 13 00-0006	EA	Gas Chlorinator, Wall Or Cylinder Mounted (50 PPD) With Metering Tube And Rate Valve Metering Tube Supply Indicator, Rate Valve, And Diffuser-Ejector Unit	1,819.10	348.62
		For Booster Pump, Add	*631.23*	

23 25 13 00-0007 Bypass Shot Feeders *(23 25 13)*

Note: Includes up to 4 ports (in, out, fill and drain). Excludes valves.

23 25 13 00-0008 In Line Mount, 125 PSIG *(23 25 13 00-0007)*

23 25 13 00-0009	EA	1.7 Gallon Bypass Shot Chemical Feeder In Line Mount, 125 PSIG	1,055.95	300.37

23 25 13 00-0010 Floor Mount, 175 PSIG *(23 25 13 00-0007)*

23 25 13 00-0011	EA	5 Gallon Bypass Shot Chemical Feeder, Floor Mount, 175 PSIG	1,553.56	452.15
23 25 13 00-0012	EA	12 Gallon Bypass Shot Chemical Feeder, Floor Mount, 175 PSIG	2,048.49	598.63

23 25 13 00-0013 Floor Mount, 150 LB ASME Code *(23 25 13 00-0007)*

23 25 13 00-0014	EA	5 Gallon Bypass Shot Chemical Feeder, Floor Mount, 150 LB ASME Code	1,553.56	452.15
23 25 13 00-0015	EA	10 Gallon Bypass Shot Chemical Feeder, Floor Mount, 150 LB ASME Code	2,048.49	598.63

23 25 13 00-0016 Floor Mount, 300 LB ASME Code *(23 25 13 00-0007)*

23 25 13 00-0017	EA	5 Gallon Bypass Shot Chemical Feeder, Floor Mount, 300 LB ASME Code	1,938.27	452.15
23 25 13 00-0018	EA	10 Gallon Bypass Shot Chemical Feeder, Floor Mount, 300 LB ASME Code	2,447.96	598.63

23 30 HVAC Air Distribution *(23)*

23 31 HVAC Ducts and Casings *(23 30)*

Note: Excludes angle iron, threaded rod, anchor bolts or other external supporting devices other than normal sheet metal straps. See CSI section 05 12 23 00-0393 for angle iron, 23 05 29 00-0001 for threaded rod.

23 31 13 Metal Ducts *(23 31)*

23 31 13 13 Rectangular Metal Ducts *(23 31 13)*

23 31 13 13-0001 Steel Sheet Metal Duct *(23 31 13 13)*

Note: Includes all fittings, transitions, collars, straps, support straps, fabrication, installation and sealing the joints by tape, mastic, or spray on sealer. Duct Sealing: Class-C requires sealing transverse joints; Class-B requires sealing all transverse joint and longitudinal seams; Class-A requires sealing all transverse joints longitudinal seams and duct wall penetrations.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0002		**Galvanized Steel Sheet Metal Ductwork And Sealant** *(23 31 13 13-0001)* Note: SMACNA weight for galvanized steel ductwork LB/SF (surface areas) by gauge: 26 gauge - 0.906 LB/SF; 24 gauge - 1.156 LB/SF; 22 gauge - 1.406 LB/SF; 20 gauge - 1.656 LB/SF; 18 gauge - 2.156 LB/SF; 16 gauge - 2.656 LB/SF		
23 31 13 13-0003	LB	Seal Class C, Rectangular Or Square, Galvanized Steel Sheet Metal Ductwork	12.28	3.21
		For Polyvinyl Chloride (PVC) Coated, Add	*0.48*	
		For Up To 200, Add	*4.40*	
		For >200 To 500, Add	*2.81*	
		For >500 To 1,000, Add	*1.89*	
		For >1,000 To 2,000, Add	*1.05*	
		For >2,000 To 5,000, Add	*0.47*	
		For Work In Restricted Working Space, Add	*2.97*	
		For Elevated Installation >10' To 15', Add	*0.59*	
		For Elevated Installation >15' To 20', Add	*1.19*	
		For Elevated Installation >20' To 25', Add	*1.48*	
		For Elevated Installation >25' To 30', Add	*2.08*	
		For Elevated Installation >30' To 35', Add	*2.37*	
		For Elevated Installation >35' To 40', Add	*2.97*	
		For Elevated Installation >40', Add	*3.26*	
23 31 13 13-0004	LB	Seal Class B, Rectangular Or Square, Galvanized Steel Sheet Metal Ductwork	14.00	3.21
		For Polyvinyl Chloride (PVC) Coated, Add	*0.53*	
		For Up To 200, Add	*4.99*	
		For >200 To 500, Add	*3.18*	
		For >500 To 1,000, Add	*2.14*	
		For >1,000 To 2,000, Add	*1.20*	
		For >2,000 To 5,000, Add	*0.53*	
		For Work In Restricted Working Space, Add	*3.41*	
		For Elevated Installation >10' To 15', Add	*0.68*	
		For Elevated Installation >15' To 20', Add	*1.36*	
		For Elevated Installation >20' To 25', Add	*1.71*	
		For Elevated Installation >25' To 30', Add	*2.39*	
		For Elevated Installation >30' To 35', Add	*2.73*	
		For Elevated Installation >35' To 40', Add	*3.41*	
		For Elevated Installation >40', Add	*3.75*	
23 31 13 13-0005	LB	Seal Class A, Rectangular Or Square, Galvanized Steel Sheet Metal Ductwork	16.71	3.21
		For Polyvinyl Chloride (PVC) Coated, Add	*0.57*	
		For Up To 200, Add	*5.87*	
		For >200 To 500, Add	*3.73*	
		For >500 To 1,000, Add	*2.54*	
		For >1,000 To 2,000, Add	*1.42*	
		For >2,000 To 5,000, Add	*0.64*	
		For Work In Restricted Working Space, Add	*4.15*	
		For Elevated Installation >10' To 15', Add	*0.83*	
		For Elevated Installation >15' To 20', Add	*1.66*	
		For Elevated Installation >20' To 25', Add	*2.08*	
		For Elevated Installation >25' To 30', Add	*2.91*	
		For Elevated Installation >30' To 35', Add	*3.32*	
		For Elevated Installation >35' To 40', Add	*4.15*	
		For Elevated Installation >40', Add	*4.57*	
23 31 13 13-0006		**Alloy 3003-H14, Aluminum Sheet Metal Ductwork** *(23 31 13 13-0001)* Note: SMACNA weight for aluminum ductwork LB/SF (surface areas) by gauge: 26 gauge - 0.224 LB/SF; 24 gauge - 0.282 LB/SF; 22 gauge - 0.352 LB/SF; 20 gauge - 0.451 LB/SF; 18 gauge - 0.563 LB/SF; 16 gauge - 0.718 LB/SF; 14 gauge – 0.901 LB/SF; 12 gauge – 0.141 LB/SF		
23 31 13 13-0007	LB	Seal Class C, Alloy 3003-H14, Aluminum Sheet Metal Ductwork	23.93	3.21
		For Work In Restricted Working Space, Add	*5.87*	
		For Up To 200, Add	*8.49*	
		For >200 To 500, Add	*5.40*	
		For >500 To 1,000, Add	*3.66*	
		For >1,000 To 2,000, Add	*2.05*	
		For >2,000 To 5,000, Add	*0.91*	
		For Elevated Installation >10' To 15', Add	*1.17*	
		For Elevated Installation >15' To 20', Add	*2.35*	
		For Elevated Installation >20' To 25', Add	*2.93*	
		For Elevated Installation >25' To 30', Add	*4.11*	
		For Elevated Installation >30' To 35', Add	*4.69*	
		For Elevated Installation >35' To 40', Add	*5.87*	
		For Elevated Installation >40', Add	*6.45*	
23 31 13 13-0008	LB	Seal Class B, Alloy 3003-H14, Aluminum Sheet Metal Ductwork	27.09	3.21
		For Work In Restricted Working Space, Add	*6.74*	
		For Up To 200, Add	*9.51*	
		For >200 To 500, Add	*6.03*	
		For >500 To 1,000, Add	*4.12*	
		For >1,000 To 2,000, Add	*2.31*	
		For >2,000 To 5,000, Add	*1.04*	
		For Elevated Installation >10' To 15', Add	*1.35*	
		For Elevated Installation >15' To 20', Add	*2.70*	
		For Elevated Installation >20' To 25', Add	*3.37*	
		For Elevated Installation >25' To 30', Add	*4.72*	
		For Elevated Installation >30' To 35', Add	*5.39*	
		For Elevated Installation >35' To 40', Add	*6.74*	
		For Elevated Installation >40', Add	*7.42*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0009	LB	Seal Class A, Alloy 3003-H14, Aluminum Sheet Metal Ductwork	32.22	3.21
		For Work In Restricted Working Space, Add	*8.21*	
		For Up To 200, Add	*11.12*	
		For >200 To 500, Add	*7.01*	
		For >500 To 1,000, Add	*4.85*	
		For >1,000 To 2,000, Add	*2.72*	
		For >2,000 To 5,000, Add	*1.24*	
		For Elevated Installation >10' To 15', Add	*1.64*	
		For Elevated Installation >15' To 20', Add	*3.28*	
		For Elevated Installation >20' To 25', Add	*4.10*	
		For Elevated Installation >25' To 30', Add	*5.75*	
		For Elevated Installation >30' To 35', Add	*6.57*	
		For Elevated Installation >35' To 40', Add	*8.21*	
		For Elevated Installation >40', Add	*9.03*	

23 31 13 13-0010 Type 304, Stainless Steel Sheet Metal Ductwork *(23 31 13 13-0001)*

Note: SMACNA weight for stainless steel ductwork LB/SF (surface areas) by gauge: 26 gauge - 0.748 LB/SF; 24 gauge - 0.987 LB/SF; 22 gauge – 1.231 LB/SF; 20 gauge - 1.491 LB/SF; 18 gauge - 2.016 LB/SF; 16 gauge - 2.499 LB/SF; 14 gauge – 3.154 LB/SF; 12 gauge – 4.427 LB/SF

23 31 13 13-0011	LB	Seal Class C, Type 304, Stainless Steel Sheet Metal Ductwork	17.88	4.28
		For Work In Restricted Working Space, Add	*3.60*	
		For Welded Seams, Add	*6.30*	
		For Up To 200, Add	*7.13*	
		For >200 To 500, Add	*4.69*	
		For >500 To 1,000, Add	*2.91*	
		For >1,000 To 2,000, Add	*1.61*	
		For >2,000 To 5,000, Add	*0.66*	
		For Elevated Installation >10' To 15', Add	*0.72*	
		For Elevated Installation >15' To 20', Add	*1.44*	
		For Elevated Installation >20' To 25', Add	*1.80*	
		For Elevated Installation >25' To 30', Add	*2.52*	
		For Elevated Installation >30' To 35', Add	*2.88*	
		For Elevated Installation >35' To 40', Add	*3.60*	
		For Elevated Installation >40', Add	*3.96*	
23 31 13 13-0012	LB	Seal Class B, Type 304, Stainless Steel Sheet Metal Ductwork	20.60	4.28
		For Work In Restricted Working Space, Add	*4.35*	
		For Welded Seams, Add	*7.55*	
		For Up To 200, Add	*8.01*	
		For >200 To 500, Add	*5.24*	
		For >500 To 1,000, Add	*3.31*	
		For >1,000 To 2,000, Add	*1.83*	
		For >2,000 To 5,000, Add	*0.76*	
		For Elevated Installation >10' To 15', Add	*0.87*	
		For Elevated Installation >15' To 20', Add	*1.74*	
		For Elevated Installation >20' To 25', Add	*2.17*	
		For Elevated Installation >25' To 30', Add	*3.04*	
		For Elevated Installation >30' To 35', Add	*3.48*	
		For Elevated Installation >35' To 40', Add	*4.35*	
		For Elevated Installation >40', Add	*4.78*	
23 31 13 13-0013	LB	Seal Class A, Type 304, Stainless Steel Sheet Metal Ductwork	23.16	4.28
		For Work In Restricted Working Space, Add	*5.04*	
		For Welded Seams, Add	*8.72*	
		For Up To 200, Add	*8.85*	
		For >200 To 500, Add	*5.76*	
		For >500 To 1,000, Add	*3.69*	
		For >1,000 To 2,000, Add	*2.04*	
		For >2,000 To 5,000, Add	*0.86*	
		For Elevated Installation >10' To 15', Add	*1.01*	
		For Elevated Installation >15' To 20', Add	*2.02*	
		For Elevated Installation >20' To 25', Add	*2.52*	
		For Elevated Installation >25' To 30', Add	*3.53*	
		For Elevated Installation >30' To 35', Add	*4.03*	
		For Elevated Installation >35' To 40', Add	*5.04*	
		For Elevated Installation >40', Add	*5.55*	

23 31 13 16 Round and Flat-Oval Spiral Ducts *(23 31 13)*

23 31 13 16-0001 Low Pressure Round And Flat-Oval Duct *(23 31 13 16)*

Note: 7" diameter round = 4" x 11.85" flat oval. 8" diameter round = 4" x 15" flat oval. 10" diameter round = 4" x 25.99" or 6" x 15.42" or 8" x 11.14" flat oval. 12" diameter round = 6" x 23.28" or 8" x 15.85" flat oval. 14" diameter round = 6" x 32.70" or 8" x 22.14" or 10" x 17.85 or 12" x 15.14" flat oval. 16" diameter round = 6" x 43.70" or 8" x 29.99" or 10" x 24.14" or 12" x 19.85" or 14" x 17.14" flat oval. 18" diameter round = 6" x 59.41" or 8" x 39.42" or 10" x 30.42" or 12" x 24.57" or 14" x 21.85" or 16" x 19.14" flat oval. 20" diameter round = 8" x 51.98" or 10" x 38.27" or 12" x 30.85" or 14" x 26.57" or 16" x 23.85" or 18" x 21.14" flat oval. Includes sealing the joints by tape, mastic, or spray on sealer.

23 31 13 16-0002 Galvanized Sheet Metal Round And Flat-Oval Ducts *(23 31 13 16-0001)*

Note: Includes straps and supports.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0003	LF	4" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Duct	7.55	2.56
		For Seal Class B, Add	*0.79*	
		For Seal Class A, Add	*2.10*	
		For Up To 20', Add	*0.69*	
		For >20' To 50', Add	*0.28*	
		For >200' To 500', Deduct	*-0.17*	
		For >500', Deduct	*-0.29*	
		For 28 Gauge, Deduct	*-0.32*	
		For 24 Gauge, Add	*0.32*	
		For 22 Gauge, Add	*0.64*	
		For 20 Gauge, Add	*0.96*	
		For 18 Gauge, Add	*1.27*	
		For 16 Gauge, Add	*1.56*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*1.71*	
		For Work In Restricted Working Space, Add	*1.57*	
		For Elevated Installation >10' To 15', Add	*0.52*	
		For Elevated Installation >15' To 20', Add	*1.05*	
		For Elevated Installation >20' To 25', Add	*1.31*	
		For Elevated Installation >25' To 30', Add	*1.83*	
		For Elevated Installation >30' To 35', Add	*2.10*	
		For Elevated Installation >35' To 40', Add	*2.62*	
		For Elevated Installation >40', Add	*2.88*	
23 31 13 16-0004	LF	5" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Duct	8.74	2.91
		For Seal Class B, Add	*0.87*	
		For Seal Class A, Add	*2.33*	
		For Up To 20', Add	*0.88*	
		For >20' To 50', Add	*0.35*	
		For >200' To 500', Deduct	*-0.22*	
		For >500', Deduct	*-0.37*	
		For 28 Gauge, Deduct	*-0.40*	
		For 24 Gauge, Add	*0.40*	
		For 22 Gauge, Add	*0.80*	
		For 20 Gauge, Add	*1.21*	
		For 18 Gauge, Add	*1.61*	
		For 16 Gauge, Add	*1.97*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*2.16*	
		For Work In Restricted Working Space, Add	*1.75*	
		For Elevated Installation >10' To 15', Add	*0.58*	
		For Elevated Installation >15' To 20', Add	*1.16*	
		For Elevated Installation >20' To 25', Add	*1.46*	
		For Elevated Installation >25' To 30', Add	*2.04*	
		For Elevated Installation >30' To 35', Add	*2.33*	
		For Elevated Installation >35' To 40', Add	*2.91*	
		For Elevated Installation >40', Add	*3.20*	
23 31 13 16-0005	LF	6" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Duct	9.92	3.49
		For Seal Class B, Add	*0.98*	
		For Seal Class A, Add	*2.62*	
		For Up To 20', Add	*1.01*	
		For >20' To 50', Add	*0.40*	
		For >200' To 500', Deduct	*-0.25*	
		For >500', Deduct	*-0.42*	
		For 28 Gauge, Deduct	*-0.47*	
		For 24 Gauge, Add	*0.47*	
		For 22 Gauge, Add	*0.93*	
		For 20 Gauge, Add	*1.40*	
		For 18 Gauge, Add	*1.85*	
		For 16 Gauge, Add	*2.27*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*2.49*	
		For Work In Restricted Working Space, Add	*1.97*	
		For Elevated Installation >10' To 15', Add	*0.66*	
		For Elevated Installation >15' To 20', Add	*1.31*	
		For Elevated Installation >20' To 25', Add	*1.64*	
		For Elevated Installation >25' To 30', Add	*2.29*	
		For Elevated Installation >30' To 35', Add	*2.62*	
		For Elevated Installation >35' To 40', Add	*3.28*	
		For Elevated Installation >40', Add	*3.60*	
23 31 13 16-0006	LF	7" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Duct	11.12	4.07
		For Seal Class B, Add	*1.12*	
		For Seal Class A, Add	*2.99*	
		For Up To 20', Add	*1.09*	
		For >20' To 50', Add	*0.44*	
		For >200' To 500', Deduct	*-0.27*	
		For >500', Deduct	*-0.46*	
		For 28 Gauge, Deduct	*-0.50*	
		For 24 Gauge, Add	*0.50*	
		For 22 Gauge, Add	*1.00*	
		For 20 Gauge, Add	*1.51*	
		For 18 Gauge, Add	*2.00*	
		For 16 Gauge, Add	*2.46*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*2.69*	
		For Work In Restricted Working Space, Add	*2.24*	
		For Elevated Installation >10' To 15', Add	*0.75*	
		For Elevated Installation >15' To 20', Add	*1.50*	
		For Elevated Installation >20' To 25', Add	*1.87*	
		For Elevated Installation >25' To 30', Add	*2.62*	
		For Elevated Installation >30' To 35', Add	*2.99*	
		For Elevated Installation >35' To 40', Add	*3.74*	
		For Elevated Installation >40', Add	*4.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0007	LF	8" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Duct	12.62	4.65
		For Seal Class B, Add	*1.31*	
		For Seal Class A, Add	*3.49*	
		For Up To 20', Add	*1.17*	
		For >20' To 50', Add	*0.47*	
		For >200' To 500', Deduct	*-0.29*	
		For >500', Deduct	*-0.49*	
		For 28 Gauge, Deduct	*-0.54*	
		For 24 Gauge, Add	*0.54*	
		For 22 Gauge, Add	*1.07*	
		For 20 Gauge, Add	*1.61*	
		For 18 Gauge, Add	*2.15*	
		For 16 Gauge, Add	*2.63*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*2.89*	
		For Work In Restricted Working Space, Add	*2.62*	
		For Elevated Installation >10' To 15', Add	*0.87*	
		For Elevated Installation >15' To 20', Add	*1.74*	
		For Elevated Installation >20' To 25', Add	*2.18*	
		For Elevated Installation >25' To 30', Add	*3.05*	
		For Elevated Installation >30' To 35', Add	*3.49*	
		For Elevated Installation >35' To 40', Add	*4.36*	
		For Elevated Installation >40', Add	*4.80*	
23 31 13 16-0008	LF	10" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Duct	16.15	5.82
		For Seal Class B, Add	*1.57*	
		For Seal Class A, Add	*4.19*	
		For Up To 20', Add	*1.70*	
		For >20' To 50', Add	*0.68*	
		For >200' To 500', Deduct	*-0.43*	
		For >500', Deduct	*-0.71*	
		For 28 Gauge, Deduct	*-0.79*	
		For 24 Gauge, Add	*0.78*	
		For 22 Gauge, Add	*1.56*	
		For 20 Gauge, Add	*2.35*	
		For 18 Gauge, Add	*3.12*	
		For 16 Gauge, Add	*3.83*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*4.20*	
		For Work In Restricted Working Space, Add	*3.14*	
		For Elevated Installation >10' To 15', Add	*1.05*	
		For Elevated Installation >15' To 20', Add	*2.09*	
		For Elevated Installation >20' To 25', Add	*2.62*	
		For Elevated Installation >25' To 30', Add	*3.66*	
		For Elevated Installation >30' To 35', Add	*4.19*	
		For Elevated Installation >35' To 40', Add	*5.24*	
		For Elevated Installation >40', Add	*5.76*	
23 31 13 16-0009	LF	12" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Duct	19.73	7.80
		For Seal Class B, Add	*1.96*	
		For Seal Class A, Add	*5.24*	
		For Up To 20', Add	*1.99*	
		For >20' To 50', Add	*0.80*	
		For >200' To 500', Deduct	*-0.50*	
		For >500', Deduct	*-0.83*	
		For 28 Gauge, Deduct	*-0.92*	
		For 24 Gauge, Add	*0.92*	
		For 22 Gauge, Add	*1.83*	
		For 20 Gauge, Add	*2.75*	
		For 18 Gauge, Add	*3.65*	
		For 16 Gauge, Add	*4.48*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*4.91*	
		For Work In Restricted Working Space, Add	*3.93*	
		For Elevated Installation >10' To 15', Add	*1.31*	
		For Elevated Installation >15' To 20', Add	*2.62*	
		For Elevated Installation >20' To 25', Add	*3.27*	
		For Elevated Installation >25' To 30', Add	*4.58*	
		For Elevated Installation >30' To 35', Add	*5.24*	
		For Elevated Installation >35' To 40', Add	*6.55*	
		For Elevated Installation >40', Add	*7.20*	
23 31 13 16-0010	LF	14" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Duct	23.90	11.63
		For Seal Class B, Add	*2.45*	
		For Seal Class A, Add	*6.54*	
		For Up To 20', Add	*2.26*	
		For >20' To 50', Add	*0.90*	
		For >200' To 500', Deduct	*-0.57*	
		For >500', Deduct	*-0.94*	
		For 28 Gauge, Deduct	*-1.04*	
		For 24 Gauge, Add	*1.04*	
		For 22 Gauge, Add	*2.08*	
		For 20 Gauge, Add	*3.12*	
		For 18 Gauge, Add	*4.15*	
		For 16 Gauge, Add	*5.09*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*5.58*	
		For Work In Restricted Working Space, Add	*4.91*	
		For Elevated Installation >10' To 15', Add	*1.64*	
		For Elevated Installation >15' To 20', Add	*3.27*	
		For Elevated Installation >20' To 25', Add	*4.09*	
		For Elevated Installation >25' To 30', Add	*5.73*	
		For Elevated Installation >30' To 35', Add	*6.54*	
		For Elevated Installation >35' To 40', Add	*8.18*	
		For Elevated Installation >40', Add	*9.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0011	LF	16" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Duct	32.18	15.59
		For Seal Class B, Add	*3.27*	
		For Seal Class A, Add	*8.73*	
		For Up To 20', Add	*3.11*	
		For >20' To 50', Add	*1.24*	
		For >200' To 500', Deduct	*-0.78*	
		For >500', Deduct	*-1.30*	
		For 28 Gauge, Deduct	*-1.43*	
		For 24 Gauge, Add	*1.43*	
		For 22 Gauge, Add	*2.85*	
		For 20 Gauge, Add	*4.29*	
		For 18 Gauge, Add	*5.70*	
		For 16 Gauge, Add	*6.99*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*7.67*	
		For Work In Restricted Working Space, Add	*6.55*	
		For Elevated Installation >10' To 15', Add	*2.18*	
		For Elevated Installation >15' To 20', Add	*4.36*	
		For Elevated Installation >20' To 25', Add	*5.46*	
		For Elevated Installation >25' To 30', Add	*7.64*	
		For Elevated Installation >30' To 35', Add	*8.73*	
		For Elevated Installation >35' To 40', Add	*10.91*	
		For Elevated Installation >40', Add	*12.00*	
23 31 13 16-0012	LF	18" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Duct	46.20	18.73
		For Up To 20', Add	*6.01*	
		For >20' To 50', Add	*2.40*	
		For >200' To 500', Deduct	*-1.50*	
		For >500', Deduct	*-2.50*	
		For 28 Gauge, Deduct	*-2.77*	
		For 24 Gauge, Add	*2.76*	
		For 22 Gauge, Add	*5.52*	
		For 20 Gauge, Add	*8.29*	
		For 18 Gauge, Add	*11.01*	
		For 16 Gauge, Add	*13.51*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*14.81*	
		For Work In Restricted Working Space, Add	*7.85*	
		For Elevated Installation >10' To 15', Add	*2.62*	
		For Elevated Installation >15' To 20', Add	*5.24*	
		For Elevated Installation >20' To 25', Add	*6.55*	
		For Elevated Installation >25' To 30', Add	*9.16*	
		For Elevated Installation >30' To 35', Add	*10.47*	
		For Elevated Installation >35' To 40', Add	*13.09*	
		For Elevated Installation >40', Add	*14.40*	
23 31 13 16-0013	LF	20" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Duct	52.60	21.64
		For Up To 20', Add	*6.71*	
		For >20' To 50', Add	*2.68*	
		For >200' To 500', Deduct	*-1.68*	
		For >500', Deduct	*-2.79*	
		For 28 Gauge, Deduct	*-3.10*	
		For 24 Gauge, Add	*3.08*	
		For 22 Gauge, Add	*6.16*	
		For 20 Gauge, Add	*9.25*	
		For 18 Gauge, Add	*12.29*	
		For 16 Gauge, Add	*15.09*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*16.54*	
		For Work In Restricted Working Space, Add	*9.08*	
		For Elevated Installation >10' To 15', Add	*3.03*	
		For Elevated Installation >15' To 20', Add	*6.05*	
		For Elevated Installation >20' To 25', Add	*7.56*	
		For Elevated Installation >25' To 30', Add	*10.59*	
		For Elevated Installation >30' To 35', Add	*12.10*	
		For Elevated Installation >35' To 40', Add	*15.13*	
		For Elevated Installation >40', Add	*16.64*	

23 31 13 16-0014 Galvanized Sheet Metal Round And Flat-Oval Adjustable Elbows *(23 31 13 16-0001)*

Note: Up to 90 degree.

23 31 13 16-0015	EA	4" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Adjustable Elbow	37.66	15.53
		For Seal Class B, Add	*4.66*	
		For Seal Class A, Add	*12.42*	
		For 28 Gauge, Deduct	*-0.91*	
		For 24 Gauge, Add	*0.91*	
		For 22 Gauge, Add	*1.82*	
		For 20 Gauge, Add	*2.73*	
		For 18 Gauge, Add	*3.63*	
		For 16 Gauge, Add	*4.46*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*4.88*	
		For Work In Restricted Working Space, Add	*9.32*	
		For Elevated Installation >10' To 15', Add	*3.11*	
		For Elevated Installation >15' To 20', Add	*6.21*	
		For Elevated Installation >20' To 25', Add	*7.77*	
		For Elevated Installation >25' To 30', Add	*10.87*	
		For Elevated Installation >30' To 35', Add	*12.42*	
		For Elevated Installation >35' To 40', Add	*15.53*	
		For Elevated Installation >40', Add	*17.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0016	EA	5" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Adjustable Elbow	43.02	17.92
		For Seal Class B, Add	*5.38*	
		For Seal Class A, Add	*14.34*	
		For 28 Gauge, Deduct	*-0.99*	
		For 24 Gauge, Add	*0.99*	
		For 22 Gauge, Add	*1.98*	
		For 20 Gauge, Add	*2.97*	
		For 18 Gauge, Add	*3.95*	
		For 16 Gauge, Add	*4.85*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*5.31*	
		For Work In Restricted Working Space, Add	*10.75*	
		For Elevated Installation >10' To 15', Add	*3.58*	
		For Elevated Installation >15' To 20', Add	*7.17*	
		For Elevated Installation >20' To 25', Add	*8.96*	
		For Elevated Installation >25' To 30', Add	*12.54*	
		For Elevated Installation >30' To 35', Add	*14.34*	
		For Elevated Installation >35' To 40', Add	*17.92*	
		For Elevated Installation >40', Add	*19.71*	
23 31 13 16-0017	EA	6" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Adjustable Elbow	50.43	21.17
		For Seal Class B, Add	*6.35*	
		For Seal Class A, Add	*16.94*	
		For 28 Gauge, Deduct	*-1.12*	
		For 24 Gauge, Add	*1.12*	
		For 22 Gauge, Add	*2.23*	
		For 20 Gauge, Add	*3.35*	
		For 18 Gauge, Add	*4.44*	
		For 16 Gauge, Add	*5.45*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*5.98*	
		For Work In Restricted Working Space, Add	*12.71*	
		For Elevated Installation >10' To 15', Add	*4.24*	
		For Elevated Installation >15' To 20', Add	*8.47*	
		For Elevated Installation >20' To 25', Add	*10.59*	
		For Elevated Installation >25' To 30', Add	*14.82*	
		For Elevated Installation >30' To 35', Add	*16.94*	
		For Elevated Installation >35' To 40', Add	*21.18*	
		For Elevated Installation >40', Add	*23.29*	
23 31 13 16-0018	EA	7" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Adjustable Elbow	64.37	27.22
		For Seal Class B, Add	*8.17*	
		For Seal Class A, Add	*21.78*	
		For 28 Gauge, Deduct	*-1.37*	
		For 24 Gauge, Add	*1.37*	
		For 22 Gauge, Add	*2.73*	
		For 20 Gauge, Add	*4.11*	
		For 18 Gauge, Add	*5.46*	
		For 16 Gauge, Add	*6.70*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*7.34*	
		For Work In Restricted Working Space, Add	*16.34*	
		For Elevated Installation >10' To 15', Add	*5.45*	
		For Elevated Installation >15' To 20', Add	*10.89*	
		For Elevated Installation >20' To 25', Add	*13.61*	
		For Elevated Installation >25' To 30', Add	*19.06*	
		For Elevated Installation >30' To 35', Add	*21.78*	
		For Elevated Installation >35' To 40', Add	*27.23*	
		For Elevated Installation >40', Add	*29.95*	
23 31 13 16-0019	EA	8" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Adjustable Elbow	77.03	33.16
		For Seal Class B, Add	*9.95*	
		For Seal Class A, Add	*26.52*	
		For 28 Gauge, Deduct	*-1.48*	
		For 24 Gauge, Add	*1.48*	
		For 22 Gauge, Add	*2.95*	
		For 20 Gauge, Add	*4.44*	
		For 18 Gauge, Add	*5.90*	
		For 16 Gauge, Add	*7.24*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*7.93*	
		For Work In Restricted Working Space, Add	*19.89*	
		For Elevated Installation >10' To 15', Add	*6.63*	
		For Elevated Installation >15' To 20', Add	*13.26*	
		For Elevated Installation >20' To 25', Add	*16.58*	
		For Elevated Installation >25' To 30', Add	*23.21*	
		For Elevated Installation >30' To 35', Add	*26.52*	
		For Elevated Installation >35' To 40', Add	*33.16*	
		For Elevated Installation >40', Add	*36.47*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0020	EA	10" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Adjustable Elbow	117.70	51.77
		For Seal Class B, Add	*15.53*	
		For Seal Class A, Add	*41.42*	
		For 28 Gauge, Deduct	*-1.96*	
		For 24 Gauge, Add	*1.95*	
		For 22 Gauge, Add	*3.90*	
		For 20 Gauge, Add	*5.86*	
		For 18 Gauge, Add	*7.78*	
		For 16 Gauge, Add	*9.55*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*10.47*	
		For Work In Restricted Working Space, Add	*31.07*	
		For Elevated Installation >10' To 15', Add	*10.36*	
		For Elevated Installation >15' To 20', Add	*20.71*	
		For Elevated Installation >20' To 25', Add	*25.89*	
		For Elevated Installation >25' To 30', Add	*36.24*	
		For Elevated Installation >30' To 35', Add	*41.42*	
		For Elevated Installation >35' To 40', Add	*51.78*	
		For Elevated Installation >40', Add	*56.95*	
23 31 13 16-0021	EA	12" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Adjustable Elbow	162.27	71.55
		For Seal Class B, Add	*21.47*	
		For Seal Class A, Add	*57.24*	
		For 28 Gauge, Deduct	*-2.66*	
		For 24 Gauge, Add	*2.65*	
		For 22 Gauge, Add	*5.28*	
		For 20 Gauge, Add	*7.94*	
		For 18 Gauge, Add	*10.54*	
		For 16 Gauge, Add	*12.94*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*14.19*	
		For Work In Restricted Working Space, Add	*42.93*	
		For Elevated Installation >10' To 15', Add	*14.31*	
		For Elevated Installation >15' To 20', Add	*28.62*	
		For Elevated Installation >20' To 25', Add	*35.78*	
		For Elevated Installation >25' To 30', Add	*50.09*	
		For Elevated Installation >30' To 35', Add	*57.24*	
		For Elevated Installation >35' To 40', Add	*71.55*	
		For Elevated Installation >40', Add	*78.71*	
23 31 13 16-0022	EA	14" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Adjustable Elbow	198.67	84.64
		For Seal Class B, Add	*25.39*	
		For Seal Class A, Add	*67.72*	
		For 28 Gauge, Deduct	*-4.07*	
		For 24 Gauge, Add	*4.05*	
		For 22 Gauge, Add	*8.09*	
		For 20 Gauge, Add	*12.16*	
		For 18 Gauge, Add	*16.16*	
		For 16 Gauge, Add	*19.83*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*21.74*	
		For Work In Restricted Working Space, Add	*50.79*	
		For Elevated Installation >10' To 15', Add	*16.93*	
		For Elevated Installation >15' To 20', Add	*33.86*	
		For Elevated Installation >20' To 25', Add	*42.32*	
		For Elevated Installation >25' To 30', Add	*59.25*	
		For Elevated Installation >30' To 35', Add	*67.72*	
		For Elevated Installation >35' To 40', Add	*84.65*	
		For Elevated Installation >40', Add	*93.11*	
23 31 13 16-0023	EA	16" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Adjustable Elbow	228.27	93.07
		For Seal Class B, Add	*27.92*	
		For Seal Class A, Add	*74.46*	
		For 28 Gauge, Deduct	*-5.83*	
		For 24 Gauge, Add	*5.81*	
		For 22 Gauge, Add	*11.60*	
		For 20 Gauge, Add	*17.43*	
		For 18 Gauge, Add	*23.16*	
		For 16 Gauge, Add	*28.42*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*31.16*	
		For Work In Restricted Working Space, Add	*55.85*	
		For Elevated Installation >10' To 15', Add	*18.62*	
		For Elevated Installation >15' To 20', Add	*37.23*	
		For Elevated Installation >20' To 25', Add	*46.54*	
		For Elevated Installation >25' To 30', Add	*65.16*	
		For Elevated Installation >30' To 35', Add	*74.46*	
		For Elevated Installation >35' To 40', Add	*93.08*	
		For Elevated Installation >40', Add	*102.39*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0024	EA	18" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Adjustable Elbow	256.76	96.86
		For Seal Class B, Add	*29.06*	
		For Seal Class A, Add	*77.48*	
		For 28 Gauge, Deduct	*-8.73*	
		For 24 Gauge, Add	*8.70*	
		For 22 Gauge, Add	*17.37*	
		For 20 Gauge, Add	*26.10*	
		For 18 Gauge, Add	*34.68*	
		For 16 Gauge, Add	*42.56*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*46.66*	
		For Work In Restricted Working Space, Add	*58.11*	
		For Elevated Installation >10' To 15', Add	*19.37*	
		For Elevated Installation >15' To 20', Add	*38.74*	
		For Elevated Installation >20' To 25', Add	*48.43*	
		For Elevated Installation >25' To 30', Add	*67.80*	
		For Elevated Installation >30' To 35', Add	*77.48*	
		For Elevated Installation >35' To 40', Add	*96.86*	
		For Elevated Installation >40', Add	*106.54*	
23 31 13 16-0025	EA	20" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Adjustable Elbow	284.18	100.05
		For Seal Class B, Add	*30.02*	
		For Seal Class A, Add	*80.04*	
		For 28 Gauge, Deduct	*-11.64*	
		For 24 Gauge, Add	*11.60*	
		For 22 Gauge, Add	*23.16*	
		For 20 Gauge, Add	*34.80*	
		For 18 Gauge, Add	*46.24*	
		For 16 Gauge, Add	*56.75*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*62.21*	
		For Work In Restricted Working Space, Add	*60.03*	
		For Elevated Installation >10' To 15', Add	*20.01*	
		For Elevated Installation >15' To 20', Add	*40.02*	
		For Elevated Installation >20' To 25', Add	*50.03*	
		For Elevated Installation >25' To 30', Add	*70.04*	
		For Elevated Installation >30' To 35', Add	*80.04*	
		For Elevated Installation >35' To 40', Add	*100.06*	
		For Elevated Installation >40', Add	*110.06*	

23 31 13 16-0026 Galvanized Sheet Metal Round And Flat-Oval 90 Degree Elbows *(23 31 13 16-0001)*

23 31 13 16-0027	EA	4" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 90 Degree Elbow	31.73	10.47
		For Seal Class B, Add	*3.93*	
		For Seal Class A, Add	*10.47*	
		For 28 Gauge, Deduct	*-0.77*	
		For 24 Gauge, Add	*0.77*	
		For 22 Gauge, Add	*1.53*	
		For 20 Gauge, Add	*2.30*	
		For 18 Gauge, Add	*3.05*	
		For 16 Gauge, Add	*3.75*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*4.11*	
		For Work In Restricted Working Space, Add	*7.85*	
		For Elevated Installation >10' To 15', Add	*2.62*	
		For Elevated Installation >15' To 20', Add	*5.24*	
		For Elevated Installation >20' To 25', Add	*6.55*	
		For Elevated Installation >25' To 30', Add	*9.16*	
		For Elevated Installation >30' To 35', Add	*10.47*	
		For Elevated Installation >35' To 40', Add	*13.09*	
		For Elevated Installation >40', Add	*14.40*	
23 31 13 16-0028	EA	5" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 90 Degree Elbow	36.23	11.99
		For Seal Class B, Add	*4.49*	
		For Seal Class A, Add	*11.96*	
		For 28 Gauge, Deduct	*-0.88*	
		For 24 Gauge, Add	*0.87*	
		For 22 Gauge, Add	*1.74*	
		For 20 Gauge, Add	*2.62*	
		For 18 Gauge, Add	*3.48*	
		For 16 Gauge, Add	*4.27*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*4.68*	
		For Work In Restricted Working Space, Add	*8.97*	
		For Elevated Installation >10' To 15', Add	*2.99*	
		For Elevated Installation >15' To 20', Add	*5.98*	
		For Elevated Installation >20' To 25', Add	*7.48*	
		For Elevated Installation >25' To 30', Add	*10.47*	
		For Elevated Installation >30' To 35', Add	*11.96*	
		For Elevated Installation >35' To 40', Add	*14.96*	
		For Elevated Installation >40', Add	*16.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0029	EA	6" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 90 Degree Elbow	42.10	13.96
		For Seal Class B, Add	*5.24*	
		For Seal Class A, Add	*13.96*	
		For 28 Gauge, Deduct	*-1.00*	
		For 24 Gauge, Add	*0.99*	
		For 22 Gauge, Add	*1.98*	
		For 20 Gauge, Add	*2.98*	
		For 18 Gauge, Add	*3.96*	
		For 16 Gauge, Add	*4.86*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*5.33*	
		For Work In Restricted Working Space, Add	*10.47*	
		For Elevated Installation >10' To 15', Add	*3.49*	
		For Elevated Installation >15' To 20', Add	*6.98*	
		For Elevated Installation >20' To 25', Add	*8.73*	
		For Elevated Installation >25' To 30', Add	*12.22*	
		For Elevated Installation >30' To 35', Add	*13.96*	
		For Elevated Installation >35' To 40', Add	*17.45*	
		For Elevated Installation >40', Add	*19.20*	
23 31 13 16-0030	EA	7" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 90 Degree Elbow	49.52	16.75
		For Seal Class B, Add	*6.28*	
		For Seal Class A, Add	*16.76*	
		For 28 Gauge, Deduct	*-1.06*	
		For 24 Gauge, Add	*1.05*	
		For 22 Gauge, Add	*2.10*	
		For 20 Gauge, Add	*3.16*	
		For 18 Gauge, Add	*4.20*	
		For 16 Gauge, Add	*5.15*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*5.65*	
		For Work In Restricted Working Space, Add	*12.57*	
		For Elevated Installation >10' To 15', Add	*4.19*	
		For Elevated Installation >15' To 20', Add	*8.38*	
		For Elevated Installation >20' To 25', Add	*10.47*	
		For Elevated Installation >25' To 30', Add	*14.66*	
		For Elevated Installation >30' To 35', Add	*16.76*	
		For Elevated Installation >35' To 40', Add	*20.95*	
		For Elevated Installation >40', Add	*23.04*	
23 31 13 16-0031	EA	8" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 90 Degree Elbow	61.20	20.94
		For Seal Class B, Add	*7.85*	
		For Seal Class A, Add	*20.94*	
		For 28 Gauge, Deduct	*-1.23*	
		For 24 Gauge, Add	*1.22*	
		For 22 Gauge, Add	*2.44*	
		For 20 Gauge, Add	*3.66*	
		For 18 Gauge, Add	*4.87*	
		For 16 Gauge, Add	*5.97*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*6.55*	
		For Work In Restricted Working Space, Add	*15.71*	
		For Elevated Installation >10' To 15', Add	*5.24*	
		For Elevated Installation >15' To 20', Add	*10.47*	
		For Elevated Installation >20' To 25', Add	*13.09*	
		For Elevated Installation >25' To 30', Add	*18.32*	
		For Elevated Installation >30' To 35', Add	*20.94*	
		For Elevated Installation >35' To 40', Add	*26.18*	
		For Elevated Installation >40', Add	*28.79*	
23 31 13 16-0032	EA	10" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 90 Degree Elbow	82.46	27.92
		For Seal Class B, Add	*10.47*	
		For Seal Class A, Add	*27.92*	
		For 28 Gauge, Deduct	*-1.75*	
		For 24 Gauge, Add	*1.75*	
		For 22 Gauge, Add	*3.49*	
		For 20 Gauge, Add	*5.24*	
		For 18 Gauge, Add	*6.96*	
		For 16 Gauge, Add	*8.54*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*9.36*	
		For Work In Restricted Working Space, Add	*20.94*	
		For Elevated Installation >10' To 15', Add	*6.98*	
		For Elevated Installation >15' To 20', Add	*13.96*	
		For Elevated Installation >20' To 25', Add	*17.45*	
		For Elevated Installation >25' To 30', Add	*24.43*	
		For Elevated Installation >30' To 35', Add	*27.92*	
		For Elevated Installation >35' To 40', Add	*34.91*	
		For Elevated Installation >40', Add	*38.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0033	EA	12" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 90 Degree Elbow	121.45	41.89
		For Seal Class B, Add	*15.71*	
		For Seal Class A, Add	*41.88*	
		For 28 Gauge, Deduct	*-2.32*	
		For 24 Gauge, Add	*2.31*	
		For 22 Gauge, Add	*4.61*	
		For 20 Gauge, Add	*6.93*	
		For 18 Gauge, Add	*9.21*	
		For 16 Gauge, Add	*11.30*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*12.39*	
		For Work In Restricted Working Space, Add	*31.41*	
		For Elevated Installation >10' To 15', Add	*10.47*	
		For Elevated Installation >15' To 20', Add	*20.94*	
		For Elevated Installation >20' To 25', Add	*26.18*	
		For Elevated Installation >25' To 30', Add	*36.65*	
		For Elevated Installation >30' To 35', Add	*41.88*	
		For Elevated Installation >35' To 40', Add	*52.36*	
		For Elevated Installation >40', Add	*57.59*	
23 31 13 16-0034	EA	14" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 90 Degree Elbow	165.12	53.52
		For Seal Class B, Add	*20.07*	
		For Seal Class A, Add	*53.52*	
		For 28 Gauge, Deduct	*-4.34*	
		For 24 Gauge, Add	*4.32*	
		For 22 Gauge, Add	*8.63*	
		For 20 Gauge, Add	*12.97*	
		For 18 Gauge, Add	*17.23*	
		For 16 Gauge, Add	*21.15*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*23.18*	
		For Work In Restricted Working Space, Add	*40.14*	
		For Elevated Installation >10' To 15', Add	*13.38*	
		For Elevated Installation >15' To 20', Add	*26.76*	
		For Elevated Installation >20' To 25', Add	*33.45*	
		For Elevated Installation >25' To 30', Add	*46.83*	
		For Elevated Installation >30' To 35', Add	*53.52*	
		For Elevated Installation >35' To 40', Add	*66.90*	
		For Elevated Installation >40', Add	*73.58*	
23 31 13 16-0035	EA	16" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 90 Degree Elbow	207.04	67.48
		For Seal Class B, Add	*25.31*	
		For Seal Class A, Add	*67.48*	
		For 28 Gauge, Deduct	*-5.31*	
		For 24 Gauge, Add	*5.29*	
		For 22 Gauge, Add	*10.56*	
		For 20 Gauge, Add	*15.87*	
		For 18 Gauge, Add	*21.09*	
		For 16 Gauge, Add	*25.88*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*28.37*	
		For Work In Restricted Working Space, Add	*50.61*	
		For Elevated Installation >10' To 15', Add	*16.87*	
		For Elevated Installation >15' To 20', Add	*33.74*	
		For Elevated Installation >20' To 25', Add	*42.18*	
		For Elevated Installation >25' To 30', Add	*59.05*	
		For Elevated Installation >30' To 35', Add	*67.48*	
		For Elevated Installation >35' To 40', Add	*84.35*	
		For Elevated Installation >40', Add	*92.79*	
23 31 13 16-0036	EA	18" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 90 Degree Elbow	235.23	70.39
		For Seal Class B, Add	*26.35*	
		For Seal Class A, Add	*70.27*	
		For 28 Gauge, Deduct	*-8.25*	
		For 24 Gauge, Add	*8.22*	
		For 22 Gauge, Add	*16.41*	
		For 20 Gauge, Add	*24.65*	
		For 18 Gauge, Add	*32.75*	
		For 16 Gauge, Add	*40.20*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*44.07*	
		For Work In Restricted Working Space, Add	*52.70*	
		For Elevated Installation >10' To 15', Add	*17.57*	
		For Elevated Installation >15' To 20', Add	*35.14*	
		For Elevated Installation >20' To 25', Add	*43.92*	
		For Elevated Installation >25' To 30', Add	*61.49*	
		For Elevated Installation >30' To 35', Add	*70.27*	
		For Elevated Installation >35' To 40', Add	*87.84*	
		For Elevated Installation >40', Add	*96.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0037	EA	20" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 90 Degree Elbow	259.73	72.13
		For Seal Class B, Add	*27.05*	
		For Seal Class A, Add	*72.13*	
		For 28 Gauge, Deduct	*-11.00*	
		For 24 Gauge, Add	*10.96*	
		For 22 Gauge, Add	*21.87*	
		For 20 Gauge, Add	*32.87*	
		For 18 Gauge, Add	*43.67*	
		For 16 Gauge, Add	*53.60*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*58.76*	
		For Work In Restricted Working Space, Add	*54.10*	
		For Elevated Installation >10' To 15', Add	*18.03*	
		For Elevated Installation >15' To 20', Add	*36.07*	
		For Elevated Installation >20' To 25', Add	*45.08*	
		For Elevated Installation >25' To 30', Add	*63.12*	
		For Elevated Installation >30' To 35', Add	*72.13*	
		For Elevated Installation >35' To 40', Add	*90.17*	
		For Elevated Installation >40', Add	*99.18*	

23 31 13 16-0038 Galvanized Sheet Metal Round And Flat-Oval 45 Degree Elbows *(23 31 13 16-0001)*

23 31 13 16-0039	EA	4" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 45 Degree Elbow	29.66	10.47
		For Seal Class B, Add	*3.93*	
		For Seal Class A, Add	*10.47*	
		For 28 Gauge, Deduct	*-0.48*	
		For 24 Gauge, Add	*0.48*	
		For 22 Gauge, Add	*0.96*	
		For 20 Gauge, Add	*1.44*	
		For 18 Gauge, Add	*1.91*	
		For 16 Gauge, Add	*2.35*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*2.58*	
		For Work In Restricted Working Space, Add	*7.85*	
		For Elevated Installation >10' To 15', Add	*2.62*	
		For Elevated Installation >15' To 20', Add	*5.24*	
		For Elevated Installation >20' To 25', Add	*6.55*	
		For Elevated Installation >25' To 30', Add	*9.16*	
		For Elevated Installation >30' To 35', Add	*10.47*	
		For Elevated Installation >35' To 40', Add	*13.09*	
		For Elevated Installation >40', Add	*14.40*	
23 31 13 16-0040	EA	5" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 45 Degree Elbow	34.39	11.99
		For Seal Class B, Add	*4.49*	
		For Seal Class A, Add	*11.96*	
		For 28 Gauge, Deduct	*-0.62*	
		For 24 Gauge, Add	*0.62*	
		For 22 Gauge, Add	*1.23*	
		For 20 Gauge, Add	*1.85*	
		For 18 Gauge, Add	*2.46*	
		For 16 Gauge, Add	*3.02*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*3.32*	
		For Work In Restricted Working Space, Add	*8.97*	
		For Elevated Installation >10' To 15', Add	*2.99*	
		For Elevated Installation >15' To 20', Add	*5.98*	
		For Elevated Installation >20' To 25', Add	*7.48*	
		For Elevated Installation >25' To 30', Add	*10.47*	
		For Elevated Installation >30' To 35', Add	*11.96*	
		For Elevated Installation >35' To 40', Add	*14.96*	
		For Elevated Installation >40', Add	*16.45*	
23 31 13 16-0041	EA	6" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 45 Degree Elbow	39.78	13.96
		For Seal Class B, Add	*5.24*	
		For Seal Class A, Add	*13.96*	
		For 28 Gauge, Deduct	*-0.68*	
		For 24 Gauge, Add	*0.67*	
		For 22 Gauge, Add	*1.34*	
		For 20 Gauge, Add	*2.02*	
		For 18 Gauge, Add	*2.68*	
		For 16 Gauge, Add	*3.29*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*3.61*	
		For Work In Restricted Working Space, Add	*10.47*	
		For Elevated Installation >10' To 15', Add	*3.49*	
		For Elevated Installation >15' To 20', Add	*6.98*	
		For Elevated Installation >20' To 25', Add	*8.73*	
		For Elevated Installation >25' To 30', Add	*12.22*	
		For Elevated Installation >30' To 35', Add	*13.96*	
		For Elevated Installation >35' To 40', Add	*17.45*	
		For Elevated Installation >40', Add	*19.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0042	EA	7" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 45 Degree Elbow	47.55	16.75
		For Seal Class B, Add	*6.28*	
		For Seal Class A, Add	*16.76*	
		For 28 Gauge, Deduct	*-0.78*	
		For 24 Gauge, Add	*0.78*	
		For 22 Gauge, Add	*1.56*	
		For 20 Gauge, Add	*2.34*	
		For 18 Gauge, Add	*3.11*	
		For 16 Gauge, Add	*3.82*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*4.19*	
		For Work In Restricted Working Space, Add	*12.57*	
		For Elevated Installation >10' To 15', Add	*4.19*	
		For Elevated Installation >15' To 20', Add	*8.38*	
		For Elevated Installation >20' To 25', Add	*10.47*	
		For Elevated Installation >25' To 30', Add	*14.66*	
		For Elevated Installation >30' To 35', Add	*16.76*	
		For Elevated Installation >35' To 40', Add	*20.95*	
		For Elevated Installation >40', Add	*23.04*	
23 31 13 16-0043	EA	8" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 45 Degree Elbow	58.79	20.94
		For Seal Class B, Add	*7.85*	
		For Seal Class A, Add	*20.94*	
		For 28 Gauge, Deduct	*-0.89*	
		For 24 Gauge, Add	*0.89*	
		For 22 Gauge, Add	*1.77*	
		For 20 Gauge, Add	*2.67*	
		For 18 Gauge, Add	*3.54*	
		For 16 Gauge, Add	*4.35*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*4.77*	
		For Work In Restricted Working Space, Add	*15.71*	
		For Elevated Installation >10' To 15', Add	*5.24*	
		For Elevated Installation >15' To 20', Add	*10.47*	
		For Elevated Installation >20' To 25', Add	*13.09*	
		For Elevated Installation >25' To 30', Add	*18.32*	
		For Elevated Installation >30' To 35', Add	*20.94*	
		For Elevated Installation >35' To 40', Add	*26.18*	
		For Elevated Installation >40', Add	*28.79*	
23 31 13 16-0044	EA	10" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 45 Degree Elbow	79.64	27.92
		For Seal Class B, Add	*10.47*	
		For Seal Class A, Add	*27.92*	
		For 28 Gauge, Deduct	*-1.36*	
		For 24 Gauge, Add	*1.36*	
		For 22 Gauge, Add	*2.71*	
		For 20 Gauge, Add	*4.07*	
		For 18 Gauge, Add	*5.41*	
		For 16 Gauge, Add	*6.64*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*7.27*	
		For Work In Restricted Working Space, Add	*20.94*	
		For Elevated Installation >10' To 15', Add	*6.98*	
		For Elevated Installation >15' To 20', Add	*13.96*	
		For Elevated Installation >20' To 25', Add	*17.45*	
		For Elevated Installation >25' To 30', Add	*24.43*	
		For Elevated Installation >30' To 35', Add	*27.92*	
		For Elevated Installation >35' To 40', Add	*34.91*	
		For Elevated Installation >40', Add	*38.40*	
23 31 13 16-0045	EA	12" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 45 Degree Elbow	117.36	41.89
		For Seal Class B, Add	*15.71*	
		For Seal Class A, Add	*41.88*	
		For 28 Gauge, Deduct	*-1.75*	
		For 24 Gauge, Add	*1.75*	
		For 22 Gauge, Add	*3.49*	
		For 20 Gauge, Add	*5.24*	
		For 18 Gauge, Add	*6.96*	
		For 16 Gauge, Add	*8.54*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*9.36*	
		For Work In Restricted Working Space, Add	*31.41*	
		For Elevated Installation >10' To 15', Add	*10.47*	
		For Elevated Installation >15' To 20', Add	*20.94*	
		For Elevated Installation >20' To 25', Add	*26.18*	
		For Elevated Installation >25' To 30', Add	*36.65*	
		For Elevated Installation >30' To 35', Add	*41.88*	
		For Elevated Installation >35' To 40', Add	*52.36*	
		For Elevated Installation >40', Add	*57.59*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0046	EA	14" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 45 Degree Elbow	155.68	53.52
		For Seal Class B, Add	*20.07*	
		For Seal Class A, Add	*53.52*	
		For 28 Gauge, Deduct	*-3.03*	
		For 24 Gauge, Add	*3.02*	
		For 22 Gauge, Add	*6.03*	
		For 20 Gauge, Add	*9.06*	
		For 18 Gauge, Add	*12.04*	
		For 16 Gauge, Add	*14.78*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*16.20*	
		For Work In Restricted Working Space, Add	*40.14*	
		For Elevated Installation >10' To 15', Add	*13.38*	
		For Elevated Installation >15' To 20', Add	*26.76*	
		For Elevated Installation >20' To 25', Add	*33.45*	
		For Elevated Installation >25' To 30', Add	*46.83*	
		For Elevated Installation >30' To 35', Add	*53.52*	
		For Elevated Installation >35' To 40', Add	*66.90*	
		For Elevated Installation >40', Add	*73.58*	
23 31 13 16-0047	EA	16" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 45 Degree Elbow	204.60	67.48
		For Seal Class B, Add	*25.31*	
		For Seal Class A, Add	*67.48*	
		For 28 Gauge, Deduct	*-4.97*	
		For 24 Gauge, Add	*4.95*	
		For 22 Gauge, Add	*9.89*	
		For 20 Gauge, Add	*14.86*	
		For 18 Gauge, Add	*19.75*	
		For 16 Gauge, Add	*24.23*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*26.57*	
		For Work In Restricted Working Space, Add	*50.61*	
		For Elevated Installation >10' To 15', Add	*16.87*	
		For Elevated Installation >15' To 20', Add	*33.74*	
		For Elevated Installation >20' To 25', Add	*42.18*	
		For Elevated Installation >25' To 30', Add	*59.05*	
		For Elevated Installation >30' To 35', Add	*67.48*	
		For Elevated Installation >35' To 40', Add	*84.35*	
		For Elevated Installation >40', Add	*92.79*	
23 31 13 16-0048	EA	18" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 45 Degree Elbow	219.08	70.39
		For Seal Class B, Add	*26.35*	
		For Seal Class A, Add	*70.27*	
		For 28 Gauge, Deduct	*-6.01*	
		For 24 Gauge, Add	*5.99*	
		For 22 Gauge, Add	*11.96*	
		For 20 Gauge, Add	*17.97*	
		For 18 Gauge, Add	*23.87*	
		For 16 Gauge, Add	*29.30*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*32.12*	
		For Work In Restricted Working Space, Add	*52.70*	
		For Elevated Installation >10' To 15', Add	*17.57*	
		For Elevated Installation >15' To 20', Add	*35.14*	
		For Elevated Installation >20' To 25', Add	*43.92*	
		For Elevated Installation >25' To 30', Add	*61.49*	
		For Elevated Installation >30' To 35', Add	*70.27*	
		For Elevated Installation >35' To 40', Add	*87.84*	
		For Elevated Installation >40', Add	*96.62*	
23 31 13 16-0049	EA	20" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 45 Degree Elbow	235.93	72.13
		For Seal Class B, Add	*27.05*	
		For Seal Class A, Add	*72.13*	
		For 28 Gauge, Deduct	*-7.70*	
		For 24 Gauge, Add	*7.67*	
		For 22 Gauge, Add	*15.32*	
		For 20 Gauge, Add	*23.02*	
		For 18 Gauge, Add	*30.58*	
		For 16 Gauge, Add	*37.53*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*41.14*	
		For Work In Restricted Working Space, Add	*54.10*	
		For Elevated Installation >10' To 15', Add	*18.03*	
		For Elevated Installation >15' To 20', Add	*36.07*	
		For Elevated Installation >20' To 25', Add	*45.08*	
		For Elevated Installation >25' To 30', Add	*63.12*	
		For Elevated Installation >30' To 35', Add	*72.13*	
		For Elevated Installation >35' To 40', Add	*90.17*	
		For Elevated Installation >40', Add	*99.18*	

23 31 13 16-0050 Galvanized Sheet Metal Round And Flat-Oval Tees *(23 31 13 16-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0051	EA	4" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Tee	47.02	15.70
		For Seal Class B, Add	*5.89*	
		For Seal Class A, Add	*15.70*	
		For 28 Gauge, Deduct	*-1.07*	
		For 24 Gauge, Add	*1.07*	
		For 22 Gauge, Add	*2.14*	
		For 20 Gauge, Add	*3.21*	
		For 18 Gauge, Add	*4.27*	
		For 16 Gauge, Add	*5.24*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*5.74*	
		For Work In Restricted Working Space, Add	*11.78*	
		For Elevated Installation >10' To 15', Add	*3.93*	
		For Elevated Installation >15' To 20', Add	*7.85*	
		For Elevated Installation >20' To 25', Add	*9.82*	
		For Elevated Installation >25' To 30', Add	*13.74*	
		For Elevated Installation >30' To 35', Add	*15.70*	
		For Elevated Installation >35' To 40', Add	*19.63*	
		For Elevated Installation >40', Add	*21.59*	
23 31 13 16-0052	EA	5" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Tee	55.19	17.92
		For Seal Class B, Add	*6.73*	
		For Seal Class A, Add	*17.95*	
		For 28 Gauge, Deduct	*-1.43*	
		For 24 Gauge, Add	*1.42*	
		For 22 Gauge, Add	*2.84*	
		For 20 Gauge, Add	*4.27*	
		For 18 Gauge, Add	*5.67*	
		For 16 Gauge, Add	*6.96*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*7.63*	
		For Work In Restricted Working Space, Add	*13.46*	
		For Elevated Installation >10' To 15', Add	*4.49*	
		For Elevated Installation >15' To 20', Add	*8.98*	
		For Elevated Installation >20' To 25', Add	*11.22*	
		For Elevated Installation >25' To 30', Add	*15.71*	
		For Elevated Installation >30' To 35', Add	*17.95*	
		For Elevated Installation >35' To 40', Add	*22.44*	
		For Elevated Installation >40', Add	*24.68*	
23 31 13 16-0053	EA	6" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Tee	63.54	20.94
		For Seal Class B, Add	*7.85*	
		For Seal Class A, Add	*20.94*	
		For 28 Gauge, Deduct	*-1.55*	
		For 24 Gauge, Add	*1.54*	
		For 22 Gauge, Add	*3.08*	
		For 20 Gauge, Add	*4.63*	
		For 18 Gauge, Add	*6.15*	
		For 16 Gauge, Add	*7.55*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*8.28*	
		For Work In Restricted Working Space, Add	*15.71*	
		For Elevated Installation >10' To 15', Add	*5.24*	
		For Elevated Installation >15' To 20', Add	*10.47*	
		For Elevated Installation >20' To 25', Add	*13.09*	
		For Elevated Installation >25' To 30', Add	*18.32*	
		For Elevated Installation >30' To 35', Add	*20.94*	
		For Elevated Installation >35' To 40', Add	*26.18*	
		For Elevated Installation >40', Add	*28.79*	
23 31 13 16-0054	EA	7" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Tee	75.70	25.13
		For Seal Class B, Add	*9.42*	
		For Seal Class A, Add	*25.13*	
		For 28 Gauge, Deduct	*-1.78*	
		For 24 Gauge, Add	*1.78*	
		For 22 Gauge, Add	*3.55*	
		For 20 Gauge, Add	*5.33*	
		For 18 Gauge, Add	*7.08*	
		For 16 Gauge, Add	*8.69*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*9.53*	
		For Work In Restricted Working Space, Add	*18.85*	
		For Elevated Installation >10' To 15', Add	*6.28*	
		For Elevated Installation >15' To 20', Add	*12.56*	
		For Elevated Installation >20' To 25', Add	*15.71*	
		For Elevated Installation >25' To 30', Add	*21.99*	
		For Elevated Installation >30' To 35', Add	*25.13*	
		For Elevated Installation >35' To 40', Add	*31.41*	
		For Elevated Installation >40', Add	*34.55*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0055	EA	8" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Tee	99.36	31.41
		For Seal Class B, Add	*11.78*	
		For Seal Class A, Add	*31.42*	
		For 28 Gauge, Deduct	*-2.88*	
		For 24 Gauge, Add	*2.87*	
		For 22 Gauge, Add	*5.74*	
		For 20 Gauge, Add	*8.62*	
		For 18 Gauge, Add	*11.45*	
		For 16 Gauge, Add	*14.05*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*15.41*	
		For Work In Restricted Working Space, Add	*23.56*	
		For Elevated Installation >10' To 15', Add	*7.85*	
		For Elevated Installation >15' To 20', Add	*15.71*	
		For Elevated Installation >20' To 25', Add	*19.64*	
		For Elevated Installation >25' To 30', Add	*27.49*	
		For Elevated Installation >30' To 35', Add	*31.42*	
		For Elevated Installation >35' To 40', Add	*39.27*	
		For Elevated Installation >40', Add	*43.20*	
23 31 13 16-0056	EA	10" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Tee	131.27	41.89
		For Seal Class B, Add	*15.71*	
		For Seal Class A, Add	*41.88*	
		For 28 Gauge, Deduct	*-3.68*	
		For 24 Gauge, Add	*3.67*	
		For 22 Gauge, Add	*7.32*	
		For 20 Gauge, Add	*11.00*	
		For 18 Gauge, Add	*14.61*	
		For 16 Gauge, Add	*17.93*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*19.65*	
		For Work In Restricted Working Space, Add	*31.41*	
		For Elevated Installation >10' To 15', Add	*10.47*	
		For Elevated Installation >15' To 20', Add	*20.94*	
		For Elevated Installation >20' To 25', Add	*26.18*	
		For Elevated Installation >25' To 30', Add	*36.65*	
		For Elevated Installation >30' To 35', Add	*41.88*	
		For Elevated Installation >35' To 40', Add	*52.36*	
		For Elevated Installation >40', Add	*57.59*	
23 31 13 16-0057	EA	12" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Tee	183.60	62.83
		For Seal Class B, Add	*23.56*	
		For Seal Class A, Add	*62.82*	
		For 28 Gauge, Deduct	*-3.68*	
		For 24 Gauge, Add	*3.67*	
		For 22 Gauge, Add	*7.32*	
		For 20 Gauge, Add	*11.00*	
		For 18 Gauge, Add	*14.61*	
		For 16 Gauge, Add	*17.93*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*19.65*	
		For Work In Restricted Working Space, Add	*47.11*	
		For Elevated Installation >10' To 15', Add	*15.70*	
		For Elevated Installation >15' To 20', Add	*31.41*	
		For Elevated Installation >20' To 25', Add	*39.26*	
		For Elevated Installation >25' To 30', Add	*54.96*	
		For Elevated Installation >30' To 35', Add	*62.82*	
		For Elevated Installation >35' To 40', Add	*78.52*	
		For Elevated Installation >40', Add	*86.37*	
23 31 13 16-0058	EA	14" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Tee	251.20	80.05
		For Seal Class B, Add	*30.09*	
		For Seal Class A, Add	*80.24*	
		For 28 Gauge, Deduct	*-7.01*	
		For 24 Gauge, Add	*6.98*	
		For 22 Gauge, Add	*13.94*	
		For 20 Gauge, Add	*20.95*	
		For 18 Gauge, Add	*27.83*	
		For 16 Gauge, Add	*34.16*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*37.44*	
		For Work In Restricted Working Space, Add	*60.18*	
		For Elevated Installation >10' To 15', Add	*20.06*	
		For Elevated Installation >15' To 20', Add	*40.12*	
		For Elevated Installation >20' To 25', Add	*50.15*	
		For Elevated Installation >25' To 30', Add	*70.21*	
		For Elevated Installation >30' To 35', Add	*80.24*	
		For Elevated Installation >35' To 40', Add	*100.30*	
		For Elevated Installation >40', Add	*110.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0059	EA	16" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Tee	323.95	101.45
		For Seal Class B, Add	*37.94*	
		For Seal Class A, Add	*101.17*	
		For 28 Gauge, Deduct	*-9.84*	
		For 24 Gauge, Add	*9.80*	
		For 22 Gauge, Add	*19.57*	
		For 20 Gauge, Add	*29.41*	
		For 18 Gauge, Add	*39.07*	
		For 16 Gauge, Add	*47.95*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*52.56*	
		For Work In Restricted Working Space, Add	*75.88*	
		For Elevated Installation >10' To 15', Add	*25.29*	
		For Elevated Installation >15' To 20', Add	*50.58*	
		For Elevated Installation >20' To 25', Add	*63.23*	
		For Elevated Installation >25' To 30', Add	*88.52*	
		For Elevated Installation >30' To 35', Add	*101.17*	
		For Elevated Installation >35' To 40', Add	*126.46*	
		For Elevated Installation >40', Add	*139.11*	
23 31 13 16-0060	EA	18" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Tee	373.20	112.85
		For Seal Class B, Add	*42.41*	
		For Seal Class A, Add	*113.08*	
		For 28 Gauge, Deduct	*-12.53*	
		For 24 Gauge, Add	*12.49*	
		For 22 Gauge, Add	*24.93*	
		For 20 Gauge, Add	*37.46*	
		For 18 Gauge, Add	*49.77*	
		For 16 Gauge, Add	*61.08*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*66.96*	
		For Work In Restricted Working Space, Add	*84.81*	
		For Elevated Installation >10' To 15', Add	*28.27*	
		For Elevated Installation >15' To 20', Add	*56.54*	
		For Elevated Installation >20' To 25', Add	*70.68*	
		For Elevated Installation >25' To 30', Add	*98.95*	
		For Elevated Installation >30' To 35', Add	*113.08*	
		For Elevated Installation >35' To 40', Add	*141.36*	
		For Elevated Installation >40', Add	*155.49*	
23 31 13 16-0061	EA	20" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Tee	392.44	116.92
		For Seal Class B, Add	*43.80*	
		For Seal Class A, Add	*116.81*	
		For 28 Gauge, Deduct	*-13.91*	
		For 24 Gauge, Add	*13.86*	
		For 22 Gauge, Add	*27.66*	
		For 20 Gauge, Add	*41.57*	
		For 18 Gauge, Add	*55.23*	
		For 16 Gauge, Add	*67.78*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*74.30*	
		For Work In Restricted Working Space, Add	*87.61*	
		For Elevated Installation >10' To 15', Add	*29.20*	
		For Elevated Installation >15' To 20', Add	*58.41*	
		For Elevated Installation >20' To 25', Add	*73.01*	
		For Elevated Installation >25' To 30', Add	*102.21*	
		For Elevated Installation >30' To 35', Add	*116.81*	
		For Elevated Installation >35' To 40', Add	*146.02*	
		For Elevated Installation >40', Add	*160.62*	

23 31 13 16-0062 Galvanized Sheet Metal Round And Flat-Oval Connectors *(23 31 13 16-0001)*

23 31 13 16-0063	EA	4" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Connector	21.22	
		For Seal Class B, Add	*2.79*	
		For Seal Class A, Add	*7.44*	
		For Work In Restricted Working Space, Add	*5.58*	
		For Elevated Installation >10' To 15', Add	*1.86*	
		For Elevated Installation >15' To 20', Add	*3.72*	
		For Elevated Installation >20' To 25', Add	*4.65*	
		For Elevated Installation >25' To 30', Add	*6.51*	
		For Elevated Installation >30' To 35', Add	*7.44*	
		For Elevated Installation >35' To 40', Add	*9.31*	
		For Elevated Installation >40', Add	*10.24*	
23 31 13 16-0064	EA	5" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Connector	22.36	
		For Seal Class B, Add	*2.93*	
		For Seal Class A, Add	*7.82*	
		For Work In Restricted Working Space, Add	*5.87*	
		For Elevated Installation >10' To 15', Add	*1.96*	
		For Elevated Installation >15' To 20', Add	*3.91*	
		For Elevated Installation >20' To 25', Add	*4.89*	
		For Elevated Installation >25' To 30', Add	*6.85*	
		For Elevated Installation >30' To 35', Add	*7.82*	
		For Elevated Installation >35' To 40', Add	*9.78*	
		For Elevated Installation >40', Add	*10.76*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0065	EA	6" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Connector	23.96	
		For Seal Class B, Add	*3.14*	
		For Seal Class A, Add	*8.38*	
		For Work In Restricted Working Space, Add	*6.28*	
		For Elevated Installation >10' To 15', Add	*2.09*	
		For Elevated Installation >15' To 20', Add	*4.19*	
		For Elevated Installation >20' To 25', Add	*5.24*	
		For Elevated Installation >25' To 30', Add	*7.33*	
		For Elevated Installation >30' To 35', Add	*8.38*	
		For Elevated Installation >35' To 40', Add	*10.47*	
		For Elevated Installation >40', Add	*11.52*	
23 31 13 16-0066	EA	7" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Connector	25.55	
		For Seal Class B, Add	*3.32*	
		For Seal Class A, Add	*8.84*	
		For Work In Restricted Working Space, Add	*6.63*	
		For Elevated Installation >10' To 15', Add	*2.21*	
		For Elevated Installation >15' To 20', Add	*4.42*	
		For Elevated Installation >20' To 25', Add	*5.53*	
		For Elevated Installation >25' To 30', Add	*7.74*	
		For Elevated Installation >30' To 35', Add	*8.84*	
		For Elevated Installation >35' To 40', Add	*11.06*	
		For Elevated Installation >40', Add	*12.16*	
23 31 13 16-0067	EA	8" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Connector	27.74	
		For Seal Class B, Add	*3.58*	
		For Seal Class A, Add	*9.54*	
		For Work In Restricted Working Space, Add	*7.16*	
		For Elevated Installation >10' To 15', Add	*2.39*	
		For Elevated Installation >15' To 20', Add	*4.77*	
		For Elevated Installation >20' To 25', Add	*5.96*	
		For Elevated Installation >25' To 30', Add	*8.35*	
		For Elevated Installation >30' To 35', Add	*9.54*	
		For Elevated Installation >35' To 40', Add	*11.93*	
		For Elevated Installation >40', Add	*13.12*	
23 31 13 16-0068	EA	10" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Connector	32.77	
		For Seal Class B, Add	*4.00*	
		For Seal Class A, Add	*10.66*	
		For Work In Restricted Working Space, Add	*7.99*	
		For Elevated Installation >10' To 15', Add	*2.66*	
		For Elevated Installation >15' To 20', Add	*5.33*	
		For Elevated Installation >20' To 25', Add	*6.66*	
		For Elevated Installation >25' To 30', Add	*9.32*	
		For Elevated Installation >30' To 35', Add	*10.66*	
		For Elevated Installation >35' To 40', Add	*13.32*	
		For Elevated Installation >40', Add	*14.65*	
23 31 13 16-0069	EA	12" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Connector	44.63	
		For Seal Class B, Add	*5.59*	
		For Seal Class A, Add	*14.90*	
		For Work In Restricted Working Space, Add	*11.17*	
		For Elevated Installation >10' To 15', Add	*3.72*	
		For Elevated Installation >15' To 20', Add	*7.45*	
		For Elevated Installation >20' To 25', Add	*9.31*	
		For Elevated Installation >25' To 30', Add	*13.03*	
		For Elevated Installation >30' To 35', Add	*14.90*	
		For Elevated Installation >35' To 40', Add	*18.62*	
		For Elevated Installation >40', Add	*20.48*	
23 31 13 16-0070	EA	14" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Connector	50.96	
		For Seal Class B, Add	*6.35*	
		For Seal Class A, Add	*16.94*	
		For Work In Restricted Working Space, Add	*12.71*	
		For Elevated Installation >10' To 15', Add	*4.24*	
		For Elevated Installation >15' To 20', Add	*8.47*	
		For Elevated Installation >20' To 25', Add	*10.59*	
		For Elevated Installation >25' To 30', Add	*14.83*	
		For Elevated Installation >30' To 35', Add	*16.94*	
		For Elevated Installation >35' To 40', Add	*21.18*	
		For Elevated Installation >40', Add	*23.30*	
23 31 13 16-0071	EA	16" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Connector	56.06	
		For Seal Class B, Add	*6.96*	
		For Seal Class A, Add	*18.57*	
		For Work In Restricted Working Space, Add	*13.93*	
		For Elevated Installation >10' To 15', Add	*4.64*	
		For Elevated Installation >15' To 20', Add	*9.29*	
		For Elevated Installation >20' To 25', Add	*11.61*	
		For Elevated Installation >25' To 30', Add	*16.25*	
		For Elevated Installation >30' To 35', Add	*18.57*	
		For Elevated Installation >35' To 40', Add	*23.22*	
		For Elevated Installation >40', Add	*25.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0072	EA	18" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Connector	61.02	
		For Seal Class B, Add	*7.54*	
		For Seal Class A, Add	*20.10*	
		For Work In Restricted Working Space, Add	*15.08*	
		For Elevated Installation >10' To 15', Add	*5.03*	
		For Elevated Installation >15' To 20', Add	*10.05*	
		For Elevated Installation >20' To 25', Add	*12.57*	
		For Elevated Installation >25' To 30', Add	*17.59*	
		For Elevated Installation >30' To 35', Add	*20.10*	
		For Elevated Installation >35' To 40', Add	*25.13*	
		For Elevated Installation >40', Add	*27.64*	
23 31 13 16-0073	EA	20" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Connector	66.48	
		For Seal Class B, Add	*8.22*	
		For Seal Class A, Add	*21.92*	
		For Work In Restricted Working Space, Add	*16.44*	
		For Elevated Installation >10' To 15', Add	*5.48*	
		For Elevated Installation >15' To 20', Add	*10.96*	
		For Elevated Installation >20' To 25', Add	*13.70*	
		For Elevated Installation >25' To 30', Add	*19.18*	
		For Elevated Installation >30' To 35', Add	*21.92*	
		For Elevated Installation >35' To 40', Add	*27.40*	
		For Elevated Installation >40', Add	*30.14*	

23 31 13 16-0074 Slip Joint, Galvanized, Spiral Duct And Fittings *(23 31 13 16)*

23 31 13 16-0075 Slip Joint, Galvanized, Spiral Duct *(23 31 13 16-0074)*

23 31 13 16-0076	LF	4" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct	10.94	1.08
		For Seal Class B, Add	*0.86*	
		For Seal Class A, Add	*2.30*	
		For Up To 20', Add	*1.56*	
		For >20' To 50', Add	*0.62*	
		For >200' To 500', Deduct	*-0.39*	
		For >500', Deduct	*-0.65*	
		For 24 Gauge, Add	*1.04*	
		For 22 Gauge, Add	*2.39*	
		For 20 Gauge, Add	*3.89*	
		For 18 Gauge, Add	*5.97*	
		For 16 Gauge, Add	*7.27*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*3.84*	
		For Work In Restricted Working Space, Add	*1.73*	
23 31 13 16-0077	LF	6" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct	14.41	2.15
		For Seal Class B, Add	*1.04*	
		For Seal Class A, Add	*2.76*	
		For Up To 20', Add	*2.25*	
		For >20' To 50', Add	*0.90*	
		For >200' To 500', Deduct	*-0.56*	
		For >500', Deduct	*-0.94*	
		For 24 Gauge, Add	*1.50*	
		For 22 Gauge, Add	*3.45*	
		For 20 Gauge, Add	*5.63*	
		For 18 Gauge, Add	*8.64*	
		For 16 Gauge, Add	*10.51*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*5.56*	
		For Work In Restricted Working Space, Add	*2.07*	
23 31 13 16-0078	LF	8" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct	18.46	2.15
		For Seal Class B, Add	*1.28*	
		For Seal Class A, Add	*3.42*	
		For Up To 20', Add	*2.97*	
		For >20' To 50', Add	*1.19*	
		For >200' To 500', Deduct	*-0.74*	
		For >500', Deduct	*-1.24*	
		For 24 Gauge, Add	*1.98*	
		For 22 Gauge, Add	*4.55*	
		For 20 Gauge, Add	*7.43*	
		For 18 Gauge, Add	*11.39*	
		For 16 Gauge, Add	*13.86*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*7.33*	
		For Work In Restricted Working Space, Add	*2.57*	
23 31 13 16-0079	LF	10" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct	22.51	2.15
		For Seal Class B, Add	*1.54*	
		For Seal Class A, Add	*4.12*	
		For Up To 20', Add	*3.67*	
		For >20' To 50', Add	*1.47*	
		For >200' To 500', Deduct	*-0.92*	
		For >500', Deduct	*-1.53*	
		For 24 Gauge, Add	*2.44*	
		For 22 Gauge, Add	*5.62*	
		For 20 Gauge, Add	*9.17*	
		For 18 Gauge, Add	*14.05*	
		For 16 Gauge, Add	*17.11*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*9.04*	
		For Work In Restricted Working Space, Add	*3.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0080	LF	12" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct	27.92	3.22
		For Seal Class B, Add	*1.93*	
		For Seal Class A, Add	*5.16*	
		For Up To 20', Add	*4.51*	
		For >20' To 50', Add	*1.80*	
		For >200' To 500', Deduct	*-1.13*	
		For >500', Deduct	*-1.88*	
		For 24 Gauge, Add	*3.01*	
		For 22 Gauge, Add	*6.91*	
		For 20 Gauge, Add	*11.27*	
		For 18 Gauge, Add	*17.28*	
		For 16 Gauge, Add	*21.04*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*11.12*	
		For Work In Restricted Working Space, Add	*3.87*	
23 31 13 16-0081	LF	14" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct	33.52	3.22
		For Seal Class B, Add	*2.42*	
		For Seal Class A, Add	*6.44*	
		For Up To 20', Add	*5.22*	
		For >20' To 50', Add	*2.09*	
		For >200' To 500', Deduct	*-1.31*	
		For >500', Deduct	*-2.18*	
		For 24 Gauge, Add	*3.48*	
		For 22 Gauge, Add	*8.01*	
		For 20 Gauge, Add	*13.06*	
		For 18 Gauge, Add	*20.02*	
		For 16 Gauge, Add	*24.37*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*12.88*	
		For Work In Restricted Working Space, Add	*4.83*	
23 31 13 16-0082	LF	16" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct	46.74	3.22
		For Seal Class B, Add	*3.22*	
		For Seal Class A, Add	*8.58*	
		For Up To 20', Add	*7.59*	
		For >20' To 50', Add	*3.03*	
		For >200' To 500', Deduct	*-1.90*	
		For >500', Deduct	*-3.16*	
		For 24 Gauge, Add	*5.06*	
		For 22 Gauge, Add	*11.63*	
		For 20 Gauge, Add	*18.97*	
		For 18 Gauge, Add	*29.08*	
		For 16 Gauge, Add	*35.41*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*18.71*	
		For Work In Restricted Working Space, Add	*6.44*	
23 31 13 16-0083	LF	18" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct	53.04	4.29
		For Seal Class B, Add	*3.75*	
		For Seal Class A, Add	*10.00*	
		For Up To 20', Add	*8.41*	
		For >20' To 50', Add	*3.36*	
		For >200' To 500', Deduct	*-2.10*	
		For >500', Deduct	*-3.51*	
		For 24 Gauge, Add	*5.61*	
		For 22 Gauge, Add	*12.90*	
		For 20 Gauge, Add	*21.03*	
		For 18 Gauge, Add	*32.25*	
		For 16 Gauge, Add	*39.26*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*20.75*	
		For Work In Restricted Working Space, Add	*7.50*	
23 31 13 16-0084	LF	20" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct	59.67	4.29
		For Seal Class B, Add	*4.26*	
		For Seal Class A, Add	*11.36*	
		For Up To 20', Add	*9.38*	
		For >20' To 50', Add	*3.75*	
		For >200' To 500', Deduct	*-2.35*	
		For >500', Deduct	*-3.91*	
		For 24 Gauge, Add	*6.26*	
		For 22 Gauge, Add	*14.39*	
		For 20 Gauge, Add	*23.46*	
		For 18 Gauge, Add	*35.97*	
		For 16 Gauge, Add	*43.79*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*23.15*	
		For Work In Restricted Working Space, Add	*8.52*	
23 31 13 16-0085	LF	22" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct	66.54	5.37
		For Seal Class B, Add	*4.80*	
		For Seal Class A, Add	*12.79*	
		For Up To 20', Add	*10.37*	
		For >20' To 50', Add	*4.15*	
		For >200' To 500', Deduct	*-2.59*	
		For >500', Deduct	*-4.32*	
		For 24 Gauge, Add	*6.91*	
		For 22 Gauge, Add	*15.90*	
		For 20 Gauge, Add	*25.93*	
		For 18 Gauge, Add	*39.76*	
		For 16 Gauge, Add	*48.40*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*25.58*	
		For Work In Restricted Working Space, Add	*9.59*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0086	LF	24" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct	73.35	6.44
		For Seal Class B, Add	*5.37*	
		For Seal Class A, Add	*14.31*	
		For Up To 20', Add	*11.27*	
		For >20' To 50', Add	*4.51*	
		For >200' To 500', Deduct	*-2.82*	
		For >500', Deduct	*-4.70*	
		For 24 Gauge, Add	*7.51*	
		For 22 Gauge, Add	*17.28*	
		For 20 Gauge, Add	*28.18*	
		For 18 Gauge, Add	*43.21*	
		For 16 Gauge, Add	*52.60*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*27.80*	
		For Work In Restricted Working Space, Add	*10.73*	
23 31 13 16-0087		**Slip Joint, Galvanized, Spiral 90 Degree Elbows** *(23 31 13 16-0074)*		
23 31 13 16-0088	EA	4" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 90 Degree Elbow	71.85	15.03
		For Seal Class B, Add	*8.70*	
		For Seal Class A, Add	*23.21*	
		For 24 Gauge, Add	*2.76*	
		For 22 Gauge, Add	*6.36*	
		For 20 Gauge, Add	*10.37*	
		For 18 Gauge, Add	*15.89*	
		For 16 Gauge, Add	*19.35*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*10.23*	
		For Work In Restricted Working Space, Add	*17.41*	
23 31 13 16-0089	EA	6" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 90 Degree Elbow	105.51	21.47
		For Seal Class B, Add	*12.88*	
		For Seal Class A, Add	*34.36*	
		For 24 Gauge, Add	*3.92*	
		For 22 Gauge, Add	*9.03*	
		For 20 Gauge, Add	*14.72*	
		For 18 Gauge, Add	*22.56*	
		For 16 Gauge, Add	*27.47*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*14.52*	
		For Work In Restricted Working Space, Add	*25.77*	
23 31 13 16-0090	EA	8" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 90 Degree Elbow	150.44	27.92
		For Seal Class B, Add	*16.95*	
		For Seal Class A, Add	*45.21*	
		For 24 Gauge, Add	*7.48*	
		For 22 Gauge, Add	*17.21*	
		For 20 Gauge, Add	*28.06*	
		For 18 Gauge, Add	*43.02*	
		For 16 Gauge, Add	*52.37*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*27.68*	
		For Work In Restricted Working Space, Add	*33.91*	
23 31 13 16-0091	EA	10" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 90 Degree Elbow	187.21	35.44
		For Seal Class B, Add	*21.47*	
		For Seal Class A, Add	*57.26*	
		For 24 Gauge, Add	*8.81*	
		For 22 Gauge, Add	*20.26*	
		For 20 Gauge, Add	*33.04*	
		For 18 Gauge, Add	*50.66*	
		For 16 Gauge, Add	*61.67*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*32.60*	
		For Work In Restricted Working Space, Add	*42.95*	
23 31 13 16-0092	EA	12" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 90 Degree Elbow	230.67	45.10
		For Seal Class B, Add	*26.84*	
		For Seal Class A, Add	*71.58*	
		For 24 Gauge, Add	*10.34*	
		For 22 Gauge, Add	*23.79*	
		For 20 Gauge, Add	*38.79*	
		For 18 Gauge, Add	*59.48*	
		For 16 Gauge, Add	*72.41*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*38.27*	
		For Work In Restricted Working Space, Add	*53.69*	
23 31 13 16-0093	EA	14" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 90 Degree Elbow	252.80	49.39
		For Seal Class B, Add	*29.28*	
		For Seal Class A, Add	*78.09*	
		For 24 Gauge, Add	*11.52*	
		For 22 Gauge, Add	*26.49*	
		For 20 Gauge, Add	*43.19*	
		For 18 Gauge, Add	*66.22*	
		For 16 Gauge, Add	*80.61*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*42.61*	
		For Work In Restricted Working Space, Add	*58.57*	
23 31 13 16-0094	EA	16" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 90 Degree Elbow	298.30	57.98
		For Seal Class B, Add	*34.64*	
		For Seal Class A, Add	*92.36*	
		For 24 Gauge, Add	*13.48*	
		For 22 Gauge, Add	*31.00*	
		For 20 Gauge, Add	*50.54*	
		For 18 Gauge, Add	*77.50*	
		For 16 Gauge, Add	*94.35*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*49.87*	
		For Work In Restricted Working Space, Add	*69.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0095	EA	18" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 90 Degree Elbow	363.86	71.94
		For Seal Class B, Add	*42.95*	
		For Seal Class A, Add	*114.53*	
		For 24 Gauge, Add	*15.51*	
		For 22 Gauge, Add	*35.67*	
		For 20 Gauge, Add	*58.16*	
		For 18 Gauge, Add	*89.17*	
		For 16 Gauge, Add	*108.56*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*57.38*	
		For Work In Restricted Working Space, Add	*85.90*	
23 31 13 16-0096	EA	20" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 90 Degree Elbow	437.89	86.97
		For Seal Class B, Add	*51.95*	
		For Seal Class A, Add	*138.54*	
		For 24 Gauge, Add	*18.31*	
		For 22 Gauge, Add	*42.10*	
		For 20 Gauge, Add	*68.65*	
		For 18 Gauge, Add	*105.26*	
		For 16 Gauge, Add	*128.14*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*67.73*	
		For Work In Restricted Working Space, Add	*103.91*	
23 31 13 16-0097	EA	22" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 90 Degree Elbow	509.05	100.93
		For Seal Class B, Add	*60.78*	
		For Seal Class A, Add	*162.07*	
		For 24 Gauge, Add	*20.78*	
		For 22 Gauge, Add	*47.78*	
		For 20 Gauge, Add	*77.91*	
		For 18 Gauge, Add	*119.46*	
		For 16 Gauge, Add	*145.43*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*76.87*	
		For Work In Restricted Working Space, Add	*121.55*	
23 31 13 16-0098	EA	24" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 90 Degree Elbow	585.10	114.89
		For Seal Class B, Add	*68.54*	
		For Seal Class A, Add	*182.76*	
		For 24 Gauge, Add	*25.64*	
		For 22 Gauge, Add	*58.97*	
		For 20 Gauge, Add	*96.15*	
		For 18 Gauge, Add	*147.43*	
		For 16 Gauge, Add	*179.48*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*94.87*	
		For Work In Restricted Working Space, Add	*137.07*	

23 31 13 16-0099 Slip Joint, Galvanized, Spiral Duct 45 Degree Elbows *(23 31 13 16-0074)*

23 31 13 16-0100	EA	4" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Elbow	72.50	15.03
		For Seal Class B, Add	*8.70*	
		For Seal Class A, Add	*23.21*	
		For 24 Gauge, Add	*2.89*	
		For 22 Gauge, Add	*6.66*	
		For 20 Gauge, Add	*10.85*	
		For 18 Gauge, Add	*16.64*	
		For 16 Gauge, Add	*20.26*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*10.71*	
		For Work In Restricted Working Space, Add	*17.41*	
23 31 13 16-0101	EA	6" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Elbow	102.14	21.47
		For Seal Class B, Add	*12.88*	
		For Seal Class A, Add	*34.36*	
		For 24 Gauge, Add	*3.25*	
		For 22 Gauge, Add	*7.48*	
		For 20 Gauge, Add	*12.19*	
		For 18 Gauge, Add	*18.69*	
		For 16 Gauge, Add	*22.75*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*12.03*	
		For Work In Restricted Working Space, Add	*25.77*	
23 31 13 16-0102	EA	8" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Elbow	134.83	27.92
		For Seal Class B, Add	*16.95*	
		For Seal Class A, Add	*45.21*	
		For 24 Gauge, Add	*4.36*	
		For 22 Gauge, Add	*10.03*	
		For 20 Gauge, Add	*16.35*	
		For 18 Gauge, Add	*25.07*	
		For 16 Gauge, Add	*30.52*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*16.13*	
		For Work In Restricted Working Space, Add	*33.91*	
23 31 13 16-0103	EA	10" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Elbow	170.40	35.44
		For Seal Class B, Add	*21.47*	
		For Seal Class A, Add	*57.26*	
		For 24 Gauge, Add	*5.45*	
		For 22 Gauge, Add	*12.53*	
		For 20 Gauge, Add	*20.43*	
		For 18 Gauge, Add	*31.33*	
		For 16 Gauge, Add	*38.14*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*20.16*	
		For Work In Restricted Working Space, Add	*42.95*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0104	EA	12" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Elbow	210.61	45.10
		For Seal Class B, Add	*26.84*	
		For Seal Class A, Add	*71.58*	
		For 24 Gauge, Add	*6.33*	
		For 22 Gauge, Add	*14.56*	
		For 20 Gauge, Add	*23.75*	
		For 18 Gauge, Add	*36.41*	
		For 16 Gauge, Add	*44.32*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*23.43*	
		For Work In Restricted Working Space, Add	*53.69*	
23 31 13 16-0105	EA	14" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Elbow	230.41	49.39
		For Seal Class B, Add	*29.28*	
		For Seal Class A, Add	*78.09*	
		For 24 Gauge, Add	*7.04*	
		For 22 Gauge, Add	*16.19*	
		For 20 Gauge, Add	*26.39*	
		For 18 Gauge, Add	*40.47*	
		For 16 Gauge, Add	*49.27*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*26.04*	
		For Work In Restricted Working Space, Add	*58.57*	
23 31 13 16-0106	EA	16" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Elbow	288.60	57.98
		For Seal Class B, Add	*34.64*	
		For Seal Class A, Add	*92.36*	
		For 24 Gauge, Add	*11.54*	
		For 22 Gauge, Add	*26.54*	
		For 20 Gauge, Add	*43.27*	
		For 18 Gauge, Add	*66.34*	
		For 16 Gauge, Add	*80.77*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*42.69*	
		For Work In Restricted Working Space, Add	*69.27*	
23 31 13 16-0107	EA	18" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Elbow	357.00	71.94
		For Seal Class B, Add	*42.95*	
		For Seal Class A, Add	*114.53*	
		For 24 Gauge, Add	*14.14*	
		For 22 Gauge, Add	*32.51*	
		For 20 Gauge, Add	*53.01*	
		For 18 Gauge, Add	*81.28*	
		For 16 Gauge, Add	*98.95*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*52.30*	
		For Work In Restricted Working Space, Add	*85.90*	
23 31 13 16-0108	EA	20" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Elbow	435.79	86.97
		For Seal Class B, Add	*51.95*	
		For Seal Class A, Add	*138.54*	
		For 24 Gauge, Add	*17.89*	
		For 22 Gauge, Add	*41.14*	
		For 20 Gauge, Add	*67.07*	
		For 18 Gauge, Add	*102.84*	
		For 16 Gauge, Add	*125.20*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*66.18*	
		For Work In Restricted Working Space, Add	*103.91*	
23 31 13 16-0109	EA	22" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Elbow	485.22	100.93
		For Seal Class B, Add	*60.78*	
		For Seal Class A, Add	*162.07*	
		For 24 Gauge, Add	*16.01*	
		For 22 Gauge, Add	*36.82*	
		For 20 Gauge, Add	*60.04*	
		For 18 Gauge, Add	*92.06*	
		For 16 Gauge, Add	*112.07*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*59.24*	
		For Work In Restricted Working Space, Add	*121.55*	
23 31 13 16-0110	EA	24" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Elbow	576.62	114.89
		For Seal Class B, Add	*68.54*	
		For Seal Class A, Add	*182.76*	
		For 24 Gauge, Add	*23.94*	
		For 22 Gauge, Add	*55.07*	
		For 20 Gauge, Add	*89.79*	
		For 18 Gauge, Add	*137.68*	
		For 16 Gauge, Add	*167.61*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*88.59*	
		For Work In Restricted Working Space, Add	*137.07*	

23 31 13 16-0111 Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Laterals *(23 31 13 16-0074)*

23 31 13 16-0112	EA	6" x 6" x 4", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	144.13	27.92
		For Seal Class B, Add	*16.95*	
		For Seal Class A, Add	*45.21*	
		For 24 Gauge, Add	*6.22*	
		For 22 Gauge, Add	*14.31*	
		For 20 Gauge, Add	*23.33*	
		For 18 Gauge, Add	*35.77*	
		For 16 Gauge, Add	*43.54*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*23.01*	
		For Work In Restricted Working Space, Add	*33.91*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0113	EA	8" x 8" x 4", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	211.55	45.10
		For Seal Class B, Add	*26.84*	
		For Seal Class A, Add	*71.58*	
		For 24 Gauge, Add	*6.52*	
		For 22 Gauge, Add	*15.00*	
		For 20 Gauge, Add	*24.45*	
		For 18 Gauge, Add	*37.49*	
		For 16 Gauge, Add	*45.64*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*24.12*	
		For Work In Restricted Working Space, Add	*53.69*	
23 31 13 16-0114	EA	10" x 10" x 4", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	266.70	57.98
		For Seal Class B, Add	*34.64*	
		For Seal Class A, Add	*92.36*	
		For 24 Gauge, Add	*7.16*	
		For 22 Gauge, Add	*16.46*	
		For 20 Gauge, Add	*26.84*	
		For 18 Gauge, Add	*41.16*	
		For 16 Gauge, Add	*50.11*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*26.48*	
		For Work In Restricted Working Space, Add	*69.27*	
23 31 13 16-0115	EA	12" x 12" x 4", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	323.71	71.94
		For Seal Class B, Add	*42.95*	
		For Seal Class A, Add	*114.53*	
		For 24 Gauge, Add	*7.48*	
		For 22 Gauge, Add	*17.20*	
		For 20 Gauge, Add	*28.04*	
		For 18 Gauge, Add	*43.00*	
		For 16 Gauge, Add	*52.35*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*27.67*	
		For Work In Restricted Working Space, Add	*85.90*	
23 31 13 16-0116	EA	14" x 14" x 4", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	384.97	86.97
		For Seal Class B, Add	*51.95*	
		For Seal Class A, Add	*138.54*	
		For 24 Gauge, Add	*7.72*	
		For 22 Gauge, Add	*17.76*	
		For 20 Gauge, Add	*28.96*	
		For 18 Gauge, Add	*44.40*	
		For 16 Gauge, Add	*54.05*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*28.57*	
		For Work In Restricted Working Space, Add	*103.91*	
23 31 13 16-0117	EA	16" x 16" x 4", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	447.16	100.93
		For Seal Class B, Add	*60.78*	
		For Seal Class A, Add	*162.07*	
		For 24 Gauge, Add	*8.40*	
		For 22 Gauge, Add	*19.32*	
		For 20 Gauge, Add	*31.49*	
		For 18 Gauge, Add	*48.29*	
		For 16 Gauge, Add	*58.79*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*31.07*	
		For Work In Restricted Working Space, Add	*121.55*	
23 31 13 16-0118	EA	18" x 18" x 4", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	500.58	114.89
		For Seal Class B, Add	*68.54*	
		For Seal Class A, Add	*182.76*	
		For 24 Gauge, Add	*8.74*	
		For 22 Gauge, Add	*20.09*	
		For 20 Gauge, Add	*32.76*	
		For 18 Gauge, Add	*50.23*	
		For 16 Gauge, Add	*61.15*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*32.32*	
		For Work In Restricted Working Space, Add	*137.07*	
23 31 13 16-0119	EA	20" x 20" x 4", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	569.04	130.99
		For Seal Class B, Add	*78.56*	
		For Seal Class A, Add	*209.50*	
		For 24 Gauge, Add	*9.06*	
		For 22 Gauge, Add	*20.83*	
		For 20 Gauge, Add	*33.96*	
		For 18 Gauge, Add	*52.07*	
		For 16 Gauge, Add	*63.39*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*33.51*	
		For Work In Restricted Working Space, Add	*157.13*	
23 31 13 16-0120	EA	22" x 22" x 4", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	634.87	144.96
		For Seal Class B, Add	*87.06*	
		For Seal Class A, Add	*232.15*	
		For 24 Gauge, Add	*10.90*	
		For 22 Gauge, Add	*25.07*	
		For 20 Gauge, Add	*40.87*	
		For 18 Gauge, Add	*62.66*	
		For 16 Gauge, Add	*76.29*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*40.32*	
		For Work In Restricted Working Space, Add	*174.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0121	EA	24" x 24" x 4", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	687.87	157.84
		For Seal Class B, Add	*94.74*	
		For Seal Class A, Add	*252.64*	
		For 24 Gauge, Add	*11.25*	
		For 22 Gauge, Add	*25.88*	
		For 20 Gauge, Add	*42.20*	
		For 18 Gauge, Add	*64.71*	
		For 16 Gauge, Add	*78.78*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*41.64*	
		For Work In Restricted Working Space, Add	*189.48*	
23 31 13 16-0122	EA	8" x 8" x 6", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	222.05	48.64
		For Seal Class B, Add	*29.20*	
		For Seal Class A, Add	*77.86*	
		For 24 Gauge, Add	*5.48*	
		For 22 Gauge, Add	*12.60*	
		For 20 Gauge, Add	*20.54*	
		For 18 Gauge, Add	*31.50*	
		For 16 Gauge, Add	*38.35*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*20.27*	
		For Work In Restricted Working Space, Add	*58.40*	
23 31 13 16-0123	EA	10" x 10" x 6", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	268.61	58.52
		For Seal Class B, Add	*35.10*	
		For Seal Class A, Add	*93.61*	
		For 24 Gauge, Add	*6.92*	
		For 22 Gauge, Add	*15.91*	
		For 20 Gauge, Add	*25.94*	
		For 18 Gauge, Add	*39.77*	
		For 16 Gauge, Add	*48.41*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*25.59*	
		For Work In Restricted Working Space, Add	*70.21*	
23 31 13 16-0124	EA	12" x 12" x 6", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	326.33	71.08
		For Seal Class B, Add	*42.65*	
		For Seal Class A, Add	*113.74*	
		For 24 Gauge, Add	*8.40*	
		For 22 Gauge, Add	*19.31*	
		For 20 Gauge, Add	*31.49*	
		For 18 Gauge, Add	*48.28*	
		For 16 Gauge, Add	*58.77*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*31.07*	
		For Work In Restricted Working Space, Add	*85.31*	
23 31 13 16-0125	EA	14" x 14" x 6", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	388.47	84.50
		For Seal Class B, Add	*50.77*	
		For Seal Class A, Add	*135.40*	
		For 24 Gauge, Add	*10.00*	
		For 22 Gauge, Add	*22.99*	
		For 20 Gauge, Add	*37.49*	
		For 18 Gauge, Add	*57.48*	
		For 16 Gauge, Add	*69.97*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*36.99*	
		For Work In Restricted Working Space, Add	*101.55*	
23 31 13 16-0126	EA	16" x 16" x 6", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	492.29	108.66
		For Seal Class B, Add	*65.15*	
		For Seal Class A, Add	*173.74*	
		For 24 Gauge, Add	*11.59*	
		For 22 Gauge, Add	*26.65*	
		For 20 Gauge, Add	*43.46*	
		For 18 Gauge, Add	*66.63*	
		For 16 Gauge, Add	*81.12*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*42.88*	
		For Work In Restricted Working Space, Add	*130.31*	
23 31 13 16-0127	EA	18" x 18" x 6", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	546.85	120.58
		For Seal Class B, Add	*72.29*	
		For Seal Class A, Add	*192.77*	
		For 24 Gauge, Add	*12.99*	
		For 22 Gauge, Add	*29.87*	
		For 20 Gauge, Add	*48.70*	
		For 18 Gauge, Add	*74.67*	
		For 16 Gauge, Add	*90.90*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*48.05*	
		For Work In Restricted Working Space, Add	*144.58*	
23 31 13 16-0128	EA	20" x 20" x 6", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	621.72	137.22
		For Seal Class B, Add	*82.17*	
		For Seal Class A, Add	*219.12*	
		For 24 Gauge, Add	*14.78*	
		For 22 Gauge, Add	*34.00*	
		For 20 Gauge, Add	*55.43*	
		For 18 Gauge, Add	*85.00*	
		For 16 Gauge, Add	*103.47*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*54.69*	
		For Work In Restricted Working Space, Add	*164.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0129	EA	22" x 22" x 6", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	667.19	146.35
		For Seal Class B, Add	*87.72*	
		For Seal Class A, Add	*233.93*	
		For 24 Gauge, Add	*16.47*	
		For 22 Gauge, Add	*37.89*	
		For 20 Gauge, Add	*61.78*	
		For 18 Gauge, Add	*94.73*	
		For 16 Gauge, Add	*115.32*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*60.95*	
		For Work In Restricted Working Space, Add	*175.45*	
23 31 13 16-0130	EA	24" x 24" x 6", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	723.84	158.70
		For Seal Class B, Add	*95.19*	
		For Seal Class A, Add	*253.83*	
		For 24 Gauge, Add	*17.85*	
		For 22 Gauge, Add	*41.06*	
		For 20 Gauge, Add	*66.95*	
		For 18 Gauge, Add	*102.65*	
		For 16 Gauge, Add	*124.96*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*66.05*	
		For Work In Restricted Working Space, Add	*190.37*	
23 31 13 16-0131	EA	10" x 10" x 8", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	293.79	64.42
		For Seal Class B, Add	*38.61*	
		For Seal Class A, Add	*102.95*	
		For 24 Gauge, Add	*7.28*	
		For 22 Gauge, Add	*16.75*	
		For 20 Gauge, Add	*27.32*	
		For 18 Gauge, Add	*41.88*	
		For 16 Gauge, Add	*50.99*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*26.95*	
		For Work In Restricted Working Space, Add	*77.21*	
23 31 13 16-0132	EA	12" x 12" x 8", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	357.02	78.38
		For Seal Class B, Add	*46.93*	
		For Seal Class A, Add	*125.14*	
		For 24 Gauge, Add	*8.83*	
		For 22 Gauge, Add	*20.32*	
		For 20 Gauge, Add	*33.13*	
		For 18 Gauge, Add	*50.80*	
		For 16 Gauge, Add	*61.84*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*32.69*	
		For Work In Restricted Working Space, Add	*93.86*	
23 31 13 16-0133	EA	14" x 14" x 8", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	424.94	92.88
		For Seal Class B, Add	*55.85*	
		For Seal Class A, Add	*148.92*	
		For 24 Gauge, Add	*10.53*	
		For 22 Gauge, Add	*24.21*	
		For 20 Gauge, Add	*39.48*	
		For 18 Gauge, Add	*60.54*	
		For 16 Gauge, Add	*73.70*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*38.95*	
		For Work In Restricted Working Space, Add	*111.69*	
23 31 13 16-0134	EA	16" x 16" x 8", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	493.26	108.23
		For Seal Class B, Add	*64.84*	
		For Seal Class A, Add	*172.90*	
		For 24 Gauge, Add	*12.20*	
		For 22 Gauge, Add	*28.06*	
		For 20 Gauge, Add	*45.75*	
		For 18 Gauge, Add	*70.15*	
		For 16 Gauge, Add	*85.40*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*45.14*	
		For Work In Restricted Working Space, Add	*129.68*	
23 31 13 16-0135	EA	18" x 18" x 8", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	552.01	121.01
		For Seal Class B, Add	*72.55*	
		For Seal Class A, Add	*193.46*	
		For 24 Gauge, Add	*13.67*	
		For 22 Gauge, Add	*31.44*	
		For 20 Gauge, Add	*51.26*	
		For 18 Gauge, Add	*78.60*	
		For 16 Gauge, Add	*95.69*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*50.58*	
		For Work In Restricted Working Space, Add	*145.10*	
23 31 13 16-0136	EA	20" x 20" x 8", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	627.84	137.65
		For Seal Class B, Add	*82.51*	
		For Seal Class A, Add	*220.02*	
		For 24 Gauge, Add	*15.56*	
		For 22 Gauge, Add	*35.78*	
		For 20 Gauge, Add	*58.34*	
		For 18 Gauge, Add	*89.45*	
		For 16 Gauge, Add	*108.89*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*57.56*	
		For Work In Restricted Working Space, Add	*165.02*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0137	EA	22" x 22" x 8", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	700.97	153.54
		For Seal Class B, Add	*92.14*	
		For Seal Class A, Add	*245.70*	
		For 24 Gauge, Add	*17.34*	
		For 22 Gauge, Add	*39.89*	
		For 20 Gauge, Add	*65.03*	
		For 18 Gauge, Add	*99.72*	
		For 16 Gauge, Add	*121.39*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*64.17*	
		For Work In Restricted Working Space, Add	*184.28*	
23 31 13 16-0138	EA	24" x 24" x 8", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	760.03	166.64
		For Seal Class B, Add	*99.91*	
		For Seal Class A, Add	*266.43*	
		For 24 Gauge, Add	*18.79*	
		For 22 Gauge, Add	*43.22*	
		For 20 Gauge, Add	*70.46*	
		For 18 Gauge, Add	*108.04*	
		For 16 Gauge, Add	*131.53*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*69.52*	
		For Work In Restricted Working Space, Add	*199.82*	

23 31 13 16-0139 Slip Joint, Galvanized, Spiral Duct Reducers *(23 31 13 16-0074)*

23 31 13 16-0140	EA	6" x 4", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Reducer	97.07	21.47
		For Seal Class B, Add	*12.88*	
		For Seal Class A, Add	*34.36*	
		For 24 Gauge, Add	*2.24*	
		For 22 Gauge, Add	*5.14*	
		For 20 Gauge, Add	*8.39*	
		For 18 Gauge, Add	*12.86*	
		For 16 Gauge, Add	*15.65*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*8.27*	
		For Work In Restricted Working Space, Add	*25.77*	
23 31 13 16-0141	EA	8" x 6", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Reducer	125.34	27.92
		For Seal Class B, Add	*16.95*	
		For Seal Class A, Add	*45.21*	
		For 24 Gauge, Add	*2.46*	
		For 22 Gauge, Add	*5.66*	
		For 20 Gauge, Add	*9.23*	
		For 18 Gauge, Add	*14.16*	
		For 16 Gauge, Add	*17.23*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*9.11*	
		For Work In Restricted Working Space, Add	*33.91*	
23 31 13 16-0142	EA	10" x 8", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Reducer	156.78	35.44
		For Seal Class B, Add	*21.47*	
		For Seal Class A, Add	*57.26*	
		For 24 Gauge, Add	*2.72*	
		For 22 Gauge, Add	*6.27*	
		For 20 Gauge, Add	*10.22*	
		For 18 Gauge, Add	*15.66*	
		For 16 Gauge, Add	*19.07*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*10.08*	
		For Work In Restricted Working Space, Add	*42.95*	
23 31 13 16-0143	EA	12" x 10", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Reducer	193.89	45.10
		For Seal Class B, Add	*26.84*	
		For Seal Class A, Add	*71.58*	
		For 24 Gauge, Add	*2.99*	
		For 22 Gauge, Add	*6.87*	
		For 20 Gauge, Add	*11.21*	
		For 18 Gauge, Add	*17.18*	
		For 16 Gauge, Add	*20.92*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*11.06*	
		For Work In Restricted Working Space, Add	*53.69*	
23 31 13 16-0144	EA	14" x 12", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Reducer	211.85	49.39
		For Seal Class B, Add	*29.28*	
		For Seal Class A, Add	*78.09*	
		For 24 Gauge, Add	*3.33*	
		For 22 Gauge, Add	*7.65*	
		For 20 Gauge, Add	*12.47*	
		For 18 Gauge, Add	*19.12*	
		For 16 Gauge, Add	*23.28*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*12.31*	
		For Work In Restricted Working Space, Add	*58.57*	
23 31 13 16-0145	EA	16" x 14", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Reducer	259.66	57.98
		For Seal Class B, Add	*34.64*	
		For Seal Class A, Add	*92.36*	
		For 24 Gauge, Add	*5.75*	
		For 22 Gauge, Add	*13.23*	
		For 20 Gauge, Add	*21.56*	
		For 18 Gauge, Add	*33.06*	
		For 16 Gauge, Add	*40.25*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*21.28*	
		For Work In Restricted Working Space, Add	*69.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0146	EA	18" x 16", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Reducer	317.04	71.94
		For Seal Class B, Add	*42.95*	
		For Seal Class A, Add	*114.53*	
		For 24 Gauge, Add	*6.14*	
		For 22 Gauge, Add	*14.13*	
		For 20 Gauge, Add	*23.04*	
		For 18 Gauge, Add	*35.33*	
		For 16 Gauge, Add	*43.01*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*22.73*	
		For Work In Restricted Working Space, Add	*85.90*	
23 31 13 16-0147	EA	20" x 18", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Reducer	379.15	86.97
		For Seal Class B, Add	*51.95*	
		For Seal Class A, Add	*138.54*	
		For 24 Gauge, Add	*6.56*	
		For 22 Gauge, Add	*15.08*	
		For 20 Gauge, Add	*24.59*	
		For 18 Gauge, Add	*37.71*	
		For 16 Gauge, Add	*45.91*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*24.26*	
		For Work In Restricted Working Space, Add	*103.91*	
23 31 13 16-0148	EA	22" x 20", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Reducer	440.02	100.93
		For Seal Class B, Add	*60.78*	
		For Seal Class A, Add	*162.07*	
		For 24 Gauge, Add	*6.97*	
		For 22 Gauge, Add	*16.03*	
		For 20 Gauge, Add	*26.14*	
		For 18 Gauge, Add	*40.08*	
		For 16 Gauge, Add	*48.79*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*25.79*	
		For Work In Restricted Working Space, Add	*121.55*	
23 31 13 16-0149	EA	24" x 22", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Reducer	493.63	114.89
		For Seal Class B, Add	*68.54*	
		For Seal Class A, Add	*182.76*	
		For 24 Gauge, Add	*7.35*	
		For 22 Gauge, Add	*16.90*	
		For 20 Gauge, Add	*27.55*	
		For 18 Gauge, Add	*42.24*	
		For 16 Gauge, Add	*51.42*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*27.18*	
		For Work In Restricted Working Space, Add	*137.07*	
23 31 13 16-0150		Slip Joint, Galvanized, Spiral Duct Couplings *(23 31 13 16-0074)*		
23 31 13 16-0151	EA	4" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Coupling	63.32	15.03
		For Seal Class B, Add	*8.70*	
		For Seal Class A, Add	*23.21*	
		For 24 Gauge, Add	*1.06*	
		For 22 Gauge, Add	*2.43*	
		For 20 Gauge, Add	*3.97*	
		For 18 Gauge, Add	*6.08*	
		For 16 Gauge, Add	*7.41*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*3.91*	
		For Work In Restricted Working Space, Add	*17.41*	
23 31 13 16-0152	EA	6 Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Coupling	91.90	21.47
		For Seal Class B, Add	*12.88*	
		For Seal Class A, Add	*34.36*	
		For 24 Gauge, Add	*1.20*	
		For 22 Gauge, Add	*2.76*	
		For 20 Gauge, Add	*4.51*	
		For 18 Gauge, Add	*6.91*	
		For 16 Gauge, Add	*8.41*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*4.45*	
		For Work In Restricted Working Space, Add	*25.77*	
23 31 13 16-0153	EA	8" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Coupling	119.51	27.92
		For Seal Class B, Add	*16.95*	
		For Seal Class A, Add	*45.21*	
		For 24 Gauge, Add	*1.30*	
		For 22 Gauge, Add	*2.98*	
		For 20 Gauge, Add	*4.86*	
		For 18 Gauge, Add	*7.45*	
		For 16 Gauge, Add	*9.07*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*4.80*	
		For Work In Restricted Working Space, Add	*33.91*	
23 31 13 16-0154	EA	10" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Coupling	150.11	35.44
		For Seal Class B, Add	*21.47*	
		For Seal Class A, Add	*57.26*	
		For 24 Gauge, Add	*1.39*	
		For 22 Gauge, Add	*3.20*	
		For 20 Gauge, Add	*5.21*	
		For 18 Gauge, Add	*7.99*	
		For 16 Gauge, Add	*9.73*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*5.14*	
		For Work In Restricted Working Space, Add	*42.95*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0155	EA	12" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Coupling	186.37	45.10
		For Seal Class B, Add	*26.84*	
		For Seal Class A, Add	*71.58*	
		For 24 Gauge, Add	*1.48*	
		For 22 Gauge, Add	*3.41*	
		For 20 Gauge, Add	*5.57*	
		For 18 Gauge, Add	*8.53*	
		For 16 Gauge, Add	*10.39*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*5.49*	
		For Work In Restricted Working Space, Add	*53.69*	
23 31 13 16-0156	EA	14" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Coupling	203.11	49.39
		For Seal Class B, Add	*29.28*	
		For Seal Class A, Add	*78.09*	
		For 24 Gauge, Add	*1.58*	
		For 22 Gauge, Add	*3.63*	
		For 20 Gauge, Add	*5.92*	
		For 18 Gauge, Add	*9.07*	
		For 16 Gauge, Add	*11.05*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*5.84*	
		For Work In Restricted Working Space, Add	*58.57*	
23 31 13 16-0157	EA	16" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Coupling	239.65	57.98
		For Seal Class B, Add	*34.64*	
		For Seal Class A, Add	*92.36*	
		For 24 Gauge, Add	*1.75*	
		For 22 Gauge, Add	*4.02*	
		For 20 Gauge, Add	*6.56*	
		For 18 Gauge, Add	*10.05*	
		For 16 Gauge, Add	*12.24*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*6.47*	
		For Work In Restricted Working Space, Add	*69.27*	
23 31 13 16-0158	EA	18" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Coupling	295.53	71.94
		For Seal Class B, Add	*42.95*	
		For Seal Class A, Add	*114.53*	
		For 24 Gauge, Add	*1.84*	
		For 22 Gauge, Add	*4.24*	
		For 20 Gauge, Add	*6.91*	
		For 18 Gauge, Add	*10.59*	
		For 16 Gauge, Add	*12.89*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*6.82*	
		For Work In Restricted Working Space, Add	*85.90*	
23 31 13 16-0159	EA	20" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Coupling	356.13	86.97
		For Seal Class B, Add	*51.95*	
		For Seal Class A, Add	*138.54*	
		For 24 Gauge, Add	*1.95*	
		For 22 Gauge, Add	*4.49*	
		For 20 Gauge, Add	*7.33*	
		For 18 Gauge, Add	*11.24*	
		For 16 Gauge, Add	*13.68*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*7.23*	
		For Work In Restricted Working Space, Add	*103.91*	
23 31 13 16-0160	EA	22 Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Coupling	415.32	202.93
		For Seal Class B, Add	*60.78*	
		For Seal Class A, Add	*162.07*	
		For 24 Gauge, Add	*2.03*	
		For 22 Gauge, Add	*4.67*	
		For 20 Gauge, Add	*7.61*	
		For 18 Gauge, Add	*11.67*	
		For 16 Gauge, Add	*14.21*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*7.51*	
		For Work In Restricted Working Space, Add	*121.55*	
23 31 13 16-0161	EA	24" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Coupling	467.61	228.70
		For Seal Class B, Add	*68.54*	
		For Seal Class A, Add	*182.76*	
		For 24 Gauge, Add	*2.14*	
		For 22 Gauge, Add	*4.93*	
		For 20 Gauge, Add	*8.03*	
		For 18 Gauge, Add	*12.32*	
		For 16 Gauge, Add	*14.99*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*7.93*	
		For Work In Restricted Working Space, Add	*137.07*	

23 31 13 16-0162 Slip Joint, Galvanized, Spiral Duct Caps *(23 31 13 16-0074)*

23 31 13 16-0163	EA	4" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Cap	35.22	15.03
		For Seal Class B, Add	*4.35*	
		For Seal Class A, Add	*11.61*	
		For 24 Gauge, Add	*1.24*	
		For 22 Gauge, Add	*2.85*	
		For 20 Gauge, Add	*4.65*	
		For 18 Gauge, Add	*7.13*	
		For 16 Gauge, Add	*8.68*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*4.59*	
		For Work In Restricted Working Space, Add	*8.71*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0164	EA	6" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Cap	49.90	21.47
		For Seal Class B, Add	*6.44*	
		For Seal Class A, Add	*17.18*	
		For 24 Gauge, Add	*1.39*	
		For 22 Gauge, Add	*3.20*	
		For 20 Gauge, Add	*5.21*	
		For 18 Gauge, Add	*7.99*	
		For 16 Gauge, Add	*9.73*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*5.14*	
		For Work In Restricted Working Space, Add	*12.89*	
23 31 13 16-0165	EA	8" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Cap	64.12	28.99
		For Seal Class B, Add	*8.48*	
		For Seal Class A, Add	*22.60*	
		For 24 Gauge, Add	*1.52*	
		For 22 Gauge, Add	*3.50*	
		For 20 Gauge, Add	*5.71*	
		For 18 Gauge, Add	*8.75*	
		For 16 Gauge, Add	*10.65*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*5.63*	
		For Work In Restricted Working Space, Add	*16.95*	
23 31 13 16-0166	EA	10" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Cap	80.04	36.50
		For Seal Class B, Add	*10.74*	
		For Seal Class A, Add	*28.64*	
		For 24 Gauge, Add	*1.69*	
		For 22 Gauge, Add	*3.89*	
		For 20 Gauge, Add	*6.34*	
		For 18 Gauge, Add	*9.72*	
		For 16 Gauge, Add	*11.83*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*6.25*	
		For Work In Restricted Working Space, Add	*21.48*	
23 31 13 16-0167	EA	12" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Cap	98.87	45.10
		For Seal Class B, Add	*13.42*	
		For Seal Class A, Add	*35.79*	
		For 24 Gauge, Add	*1.88*	
		For 22 Gauge, Add	*4.32*	
		For 20 Gauge, Add	*7.04*	
		For 18 Gauge, Add	*10.80*	
		For 16 Gauge, Add	*13.15*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*6.95*	
		For Work In Restricted Working Space, Add	*26.84*	
23 31 13 16-0168	EA	14" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Cap	107.94	49.39
		For Seal Class B, Add	*14.64*	
		For Seal Class A, Add	*39.04*	
		For 24 Gauge, Add	*2.07*	
		For 22 Gauge, Add	*4.75*	
		For 20 Gauge, Add	*7.75*	
		For 18 Gauge, Add	*11.88*	
		For 16 Gauge, Add	*14.46*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*7.64*	
		For Work In Restricted Working Space, Add	*29.28*	
23 31 13 16-0169	EA	16" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Cap	124.96	56.91
		For Seal Class B, Add	*16.95*	
		For Seal Class A, Add	*45.21*	
		For 24 Gauge, Add	*2.39*	
		For 22 Gauge, Add	*5.49*	
		For 20 Gauge, Add	*8.95*	
		For 18 Gauge, Add	*13.72*	
		For 16 Gauge, Add	*16.70*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*8.83*	
		For Work In Restricted Working Space, Add	*33.91*	
23 31 13 16-0170	EA	18" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Cap	183.37	71.94
		For Seal Class B, Add	*21.47*	
		For Seal Class A, Add	*57.26*	
		For 24 Gauge, Add	*8.04*	
		For 22 Gauge, Add	*18.50*	
		For 20 Gauge, Add	*30.16*	
		For 18 Gauge, Add	*46.24*	
		For 16 Gauge, Add	*56.29*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*29.76*	
		For Work In Restricted Working Space, Add	*42.95*	
23 31 13 16-0171	EA	20" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Cap	222.54	89.12
		For Seal Class B, Add	*26.84*	
		For Seal Class A, Add	*71.58*	
		For 24 Gauge, Add	*8.72*	
		For 22 Gauge, Add	*20.05*	
		For 20 Gauge, Add	*32.69*	
		For 18 Gauge, Add	*50.13*	
		For 16 Gauge, Add	*61.03*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*32.26*	
		For Work In Restricted Working Space, Add	*53.69*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0172	EA	22" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Cap	242.19	97.71
		For Seal Class B, Add	*29.28*	
		For Seal Class A, Add	*78.09*	
		For 24 Gauge, Add	*9.39*	
		For 22 Gauge, Add	*21.61*	
		For 20 Gauge, Add	*35.23*	
		For 18 Gauge, Add	*54.02*	
		For 16 Gauge, Add	*65.76*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*34.76*	
		For Work In Restricted Working Space, Add	*58.57*	
23 31 13 16-0173	EA	24" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Cap	278.90	113.81
		For Seal Class B, Add	*34.27*	
		For Seal Class A, Add	*91.38*	
		For 24 Gauge, Add	*10.09*	
		For 22 Gauge, Add	*23.21*	
		For 20 Gauge, Add	*37.84*	
		For 18 Gauge, Add	*58.02*	
		For 16 Gauge, Add	*70.63*	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*37.33*	
		For Work In Restricted Working Space, Add	*68.54*	

23 31 13 19 Metal Duct Fittings *(23 31 13)*

23 31 13 19-0001 Sheet Metal Baffles *(23 31 13 19)*

23 31 13 19-0002	LF	Sheet Metal Baffles Under Raised Floor	42.68	34.24
		For Work In Restricted Working Space, Add	*12.52*	
		For Elevated Installation >10' To 15', Add	*4.17*	
		For Elevated Installation >15' To 20', Add	*8.35*	
		For Elevated Installation >20' To 25', Add	*10.43*	
		For Elevated Installation >25' To 30', Add	*14.61*	
		For Elevated Installation >30' To 35', Add	*16.69*	
		For Elevated Installation >35' To 40', Add	*20.87*	
		For Elevated Installation >40', Add	*22.95*	

23 31 13 19-0003 Duct Register Boots *(23 31 13 19)*

23 31 13 19-0004	EA	10" x 2-1/4" x 5" Register Boot, 90 Degree, Galvanized Steel	38.28	14.54
		For Stainless Steel, Add	*11.95*	
23 31 13 19-0005	EA	10" x 2-1/4" x 6" Register Boot, 90 Degree, Galvanized Steel	38.28	14.54
		For Stainless Steel, Add	*11.95*	
23 31 13 19-0006	EA	12" x 2-1/4" x 5" Register Boot, 90 Degree, Galvanized Steel	40.81	15.70
		For Stainless Steel, Add	*12.22*	
23 31 13 19-0007	EA	12" x 2-1/4" x 6" Register Boot, 90 Degree, Galvanized Steel	40.81	15.70
		For Stainless Steel, Add	*12.22*	
23 31 13 19-0008	EA	12" x 2-1/4" x 7" Register Boot, 90 Degree, Galvanized Steel	43.08	15.70
		For Stainless Steel, Add	*15.17*	
23 31 13 19-0009	EA	14" x 2-1/4" x 5" Register Boot, 90 Degree, Galvanized Steel	44.26	16.87
		For Stainless Steel, Add	*13.68*	
23 31 13 19-0010	EA	14" x 2-1/4" x 6" Register Boot, 90 Degree, Galvanized Steel	44.26	16.87
		For Stainless Steel, Add	*13.68*	
23 31 13 19-0011	EA	14" x 2-1/4" x 7" Register Boot, 90 Degree, Galvanized Steel	45.67	16.87
		For Stainless Steel, Add	*15.51*	
23 31 13 19-0012	EA	10" x 4" x 6" Register Boot, 90 Degree, Galvanized Steel	44.35	18.03
		For Stainless Steel, Add	*10.76*	
23 31 13 19-0013	EA	12" x 4" x 6" Register Boot, 90 Degree, Galvanized Steel	46.91	19.20
		For Stainless Steel, Add	*11.08*	
23 31 13 19-0014	EA	12" x 4" x 7" Register Boot, 90 Degree, Galvanized Steel	52.69	19.20
		For Stainless Steel, Add	*18.59*	
23 31 13 19-0015	EA	14" x 4" x 6" Register Boot, 90 Degree, Galvanized Steel	49.75	20.36
		For Stainless Steel, Add	*11.74*	
23 31 13 19-0016	EA	14" x 4" x 7" Register Boot, 90 Degree, Galvanized Steel	55.41	20.36
		For Stainless Steel, Add	*19.10*	
23 31 13 19-0017	EA	12" x 2-1/4" x 5" Register Boot, Center, Galvanized Steel	39.44	15.70
		For Stainless Steel, Add	*10.44*	
23 31 13 19-0018	EA	12" x 2-1/4" x 6" Register Boot, Center, Galvanized Steel	39.44	15.70
		For Stainless Steel, Add	*10.44*	
23 31 13 19-0019	EA	14" x 2-1/4" x 6" Register Boot, Center, Galvanized Steel	42.69	16.87
		For Stainless Steel, Add	*11.64*	
23 31 13 19-0020	EA	14" x 2-1/4" x 7" Register Boot, Center, Galvanized Steel	44.04	16.87
		For Stainless Steel, Add	*13.39*	
23 31 13 19-0021	EA	10" x 4" x 6" Register Boot, Center, Galvanized Steel	44.53	18.03
		For Stainless Steel, Add	*11.00*	
23 31 13 19-0022	EA	12" x 4" x 6" Register Boot, Center, Galvanized Steel	47.07	19.20
		For Stainless Steel, Add	*11.28*	
23 31 13 19-0023	EA	12" x 2-1/4" x 6" Register Boot, End, Galvanized Steel	40.36	15.70
		For Stainless Steel, Add	*11.64*	
23 31 13 19-0024	EA	14" x 2-1/4" x 6" Register Boot, End, Galvanized Steel	43.24	16.87
		For Stainless Steel, Add	*12.35*	
23 31 13 19-0025	EA	10" x 2-1/4" x 6" Register Boot, Universal, Galvanized Steel	38.28	14.54
		For Stainless Steel, Add	*11.95*	
23 31 13 19-0026	EA	12" x 2-1/4" x 6" Register Boot, Universal, Galvanized Steel	40.81	15.70
		For Stainless Steel, Add	*12.22*	
23 31 13 19-0027	EA	14" x 2-1/4" x 5" Register Boot, Universal, Galvanized Steel	44.26	16.87
		For Stainless Steel, Add	*13.68*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 19-0028	EA	14" x 2-1/4" x 6" Register Boot, Universal, Galvanized Steel	44.26	16.87
		For Stainless Steel, Add	*13.68*	
23 31 13 19-0029	EA	10" x 4" x 6" Register Boot, Universal, Galvanized Steel	44.35	18.03
		For Stainless Steel, Add	*10.76*	
23 31 13 19-0030	EA	12" x 4" x 6" Register Boot, Universal, Galvanized Steel	46.91	19.20
		For Stainless Steel, Add	*11.08*	
23 31 13 19-0031	EA	12" x 4" x 7" Register Boot, Universal, Galvanized Steel	52.69	19.20
		For Stainless Steel, Add	*18.59*	
23 31 13 19-0032	EA	14" x 4" x 7" Register Boot, Universal, Galvanized Steel	55.02	20.36
		For Stainless Steel, Add	*18.59*	

23 31 13 23 Galvanized Steel Welded Duct *(23 31 13)*

Note: All field fabricated duct is assembled from flat duct sheets on site to fit to exact field conditions. Ductwork which is fabricated off site or snap-fitting duct is considered as shop fabricated.

23 31 13 23-0001 Welded Steel Ductwork *(23 31 13 23)*

Note: Ductwork poundage includes all fittings, transitions, collars, straps, support straps, etc.

23 31 13 23-0002 Galvanized Steel Welded Duct, For Kitchen *(23 31 13 23-0001)*

Note: Also includes special exhaust systems and waste.

23 31 13 23-0003	LB	Galvanized Steel Welded Duct	24.71	10.38
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*2.89*	
		For Work In Restricted Working Space, Add	*6.24*	
		For Elevated Installation >10' To 15', Add	*2.08*	
		For Elevated Installation >15' To 20', Add	*4.16*	
		For Elevated Installation >20' To 25', Add	*5.20*	
		For Elevated Installation >25' To 30', Add	*7.28*	
		For Elevated Installation >30' To 35', Add	*8.32*	
		For Elevated Installation >35' To 40', Add	*10.41*	
		For Elevated Installation >40', Add	*11.45*	

23 31 13 23-0004 Black Steel Ductwork *(23 31 13 23-0001)*

23 31 13 23-0005	LB	Black Steel Ductwork	22.28	10.71
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	*0.65*	
		For Work In Restricted Working Space, Add	*6.42*	
		For Elevated Installation >10' To 15', Add	*2.14*	
		For Elevated Installation >15' To 20', Add	*4.28*	
		For Elevated Installation >20' To 25', Add	*5.35*	
		For Elevated Installation >25' To 30', Add	*7.49*	
		For Elevated Installation >30' To 35', Add	*8.56*	
		For Elevated Installation >35' To 40', Add	*10.70*	
		For Elevated Installation >40', Add	*11.77*	

23 31 16 Non-metal Ducts *(23 31)*

23 31 16 13 Fibrous-Glass Ducts *(23 31 16)*

23 31 16 13-0001 Glass Fiber Duct Board *(23 31 16 13)*

Note: Rigid, rectangular boards faced on one side with a fire-resistant foil-scrim-kraft (FSK) vapor retarder and a lightweight fiber glass mat on the airstream surface.

23 31 16 13-0002	SF	1" Glass Fiber Duct Board (EI-475)	10.86	2.14
23 31 16 13-0003	SF	1-1/2" Glass Fiber Duct Board (EI-800)	12.87	2.36
23 31 16 13-0004	SF	2" Glass Fiber Duct Board (EI-800)	14.95	2.59

23 31 16 16 Thermoset Fiberglass-Reinforced Plastic Ducts *(23 31 16)*

23 31 16 16-0001 Fiber Reinforced Round Plastic Duct *(23 31 16 16)*

23 31 16 16-0002 Fiber Reinforced Round Plastic Duct *(23 31 16 16-0001)*

23 31 16 16-0003	LF	2" Fiber Reinforced Plastic Duct	18.62	5.61
23 31 16 16-0004	LF	3" Fiber Reinforced Plastic Duct	23.41	6.57
23 31 16 16-0005	LF	4" Fiber Reinforced Plastic Duct	31.60	9.64
23 31 16 16-0006	LF	6" Fiber Reinforced Plastic Duct	42.03	12.18
23 31 16 16-0007	LF	8" Fiber Reinforced Plastic Duct	53.31	15.25
23 31 16 16-0008	LF	10" Fiber Reinforced Plastic Duct	64.31	18.33
23 31 16 16-0009	LF	12" Fiber Reinforced Plastic Duct	72.21	21.40
23 31 16 16-0010	LF	14" Fiber Reinforced Plastic Duct	82.64	23.41
23 31 16 16-0011	LF	16" Fiber Reinforced Plastic Duct	89.42	24.90
23 31 16 16-0012	LF	18" Fiber Reinforced Plastic Duct	111.96	27.98
23 31 16 16-0013	LF	20" Fiber Reinforced Plastic Duct	117.60	29.98
23 31 16 16-0014	LF	24" Fiber Reinforced Plastic Duct	146.34	32.00
23 31 16 16-0015	LF	30" Fiber Reinforced Plastic Duct	167.49	37.08
23 31 16 16-0016	LF	36" Fiber Reinforced Plastic Duct	192.88	44.71
23 31 16 16-0017	LF	42" Fiber Reinforced Plastic Duct	260.49	49.80
23 31 16 16-0018	LF	48" Fiber Reinforced Plastic Duct	291.79	55.94
23 31 16 16-0019	LF	54" Fiber Reinforced Plastic Duct	323.67	64.10
23 31 16 16-0020	LF	60" Fiber Reinforced Plastic Duct	366.81	74.80
23 31 16 16-0021	LF	66" Fiber Reinforced Plastic Duct	390.55	91.54
23 31 16 16-0022	LF	72" Fiber Reinforced Plastic Duct	476.56	111.88

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 16 16-0023		**Fiber Reinforced Plastic Bell** *(23 31 16 16-0001)*		
23 31 16 16-0024	EA	2" Fiber Reinforced Plastic Bell	63.01	22.78
23 31 16 16-0025	EA	3" Fiber Reinforced Plastic Bell	75.85	27.02
23 31 16 16-0026	EA	4" Fiber Reinforced Plastic Bell	87.56	31.78
23 31 16 16-0027	EA	6" Fiber Reinforced Plastic Bell	115.30	42.38
23 31 16 16-0028	EA	8" Fiber Reinforced Plastic Bell	140.85	52.98
23 31 16 16-0029	EA	10" Fiber Reinforced Plastic Bell	164.23	63.57
23 31 16 16-0030	EA	12" Fiber Reinforced Plastic Bell	203.67	78.93
23 31 16 16-0031	EA	14" Fiber Reinforced Plastic Bell	217.57	84.76
23 31 16 16-0032	EA	16" Fiber Reinforced Plastic Bell	235.70	90.59
23 31 16 16-0033	EA	18" Fiber Reinforced Plastic Bell	253.85	97.48
23 31 16 16-0034	EA	20" Fiber Reinforced Plastic Bell	277.34	105.95
23 31 16 16-0035	EA	24" Fiber Reinforced Plastic Bell	320.34	116.55
23 31 16 16-0036	EA	30" Fiber Reinforced Plastic Bell	369.89	127.15
23 31 16 16-0037	EA	36" Fiber Reinforced Plastic Bell	419.14	143.03
23 31 16 16-0038	EA	42" Fiber Reinforced Plastic Bell	468.38	158.93
23 31 16 16-0039	EA	48" Fiber Reinforced Plastic Bell	517.60	174.82
23 31 16 16-0040	EA	54" Fiber Reinforced Plastic Bell	641.93	211.90
23 31 16 16-0041	EA	60" Fiber Reinforced Plastic Bell	769.70	264.88
23 31 16 16-0042	EA	66" Fiber Reinforced Plastic Bell	923.58	317.86
23 31 16 16-0043	EA	72" Fiber Reinforced Plastic Bell	1,056.48	360.24
23 31 16 16-0044		**Fiber Reinforced Plastic Flange** *(23 31 16 16-0001)*		
23 31 16 16-0045	EA	2" Fiber Reinforced Plastic Flange	97.91	22.78
23 31 16 16-0046	EA	3" Fiber Reinforced Plastic Flange	112.93	27.02
23 31 16 16-0047	EA	4" Fiber Reinforced Plastic Flange	129.01	31.78
23 31 16 16-0048	EA	6" Fiber Reinforced Plastic Flange	167.65	42.38
23 31 16 16-0049	EA	8" Fiber Reinforced Plastic Flange	204.11	52.98
23 31 16 16-0050	EA	10" Fiber Reinforced Plastic Flange	240.57	63.57
23 31 16 16-0051	EA	12" Fiber Reinforced Plastic Flange	284.37	78.93
23 31 16 16-0052	EA	14" Fiber Reinforced Plastic Flange	315.72	84.76
23 31 16 16-0053	EA	16" Fiber Reinforced Plastic Flange	344.76	90.59
23 31 16 16-0054	EA	18" Fiber Reinforced Plastic Flange	367.28	97.48
23 31 16 16-0055	EA	20" Fiber Reinforced Plastic Flange	386.40	105.95
23 31 16 16-0056	EA	24" Fiber Reinforced Plastic Flange	451.21	116.55
23 31 16 16-0057	EA	30" Fiber Reinforced Plastic Flange	496.40	127.15
23 31 16 16-0058	EA	36" Fiber Reinforced Plastic Flange	608.90	143.03
23 31 16 16-0059	EA	42" Fiber Reinforced Plastic Flange	677.77	158.93
23 31 16 16-0060	EA	48" Fiber Reinforced Plastic Flange	768.44	174.82
23 31 16 16-0061	EA	54" Fiber Reinforced Plastic Flange	903.68	211.90
23 31 16 16-0062	EA	60" Fiber Reinforced Plastic Flange	1,081.61	264.88
23 31 16 16-0063	EA	66" Fiber Reinforced Plastic Flange	1,259.49	317.86
23 31 16 16-0064	EA	72" Fiber Reinforced Plastic Flange	1,440.38	360.24
23 31 16 16-0065		**Fiber Reinforced Plastic 90 Degree Elbow** *(23 31 16 16-0001)*		
23 31 16 16-0066	EA	2" Fiber Reinforced Plastic 90 Degree Elbow	163.52	54.88
23 31 16 16-0067	EA	3" Fiber Reinforced Plastic 90 Degree Elbow	192.24	65.58
23 31 16 16-0068	EA	4" Fiber Reinforced Plastic 90 Degree Elbow	223.11	76.28
23 31 16 16-0069	EA	6" Fiber Reinforced Plastic 90 Degree Elbow	289.50	101.72
23 31 16 16-0070	EA	8" Fiber Reinforced Plastic 90 Degree Elbow	355.86	127.15
23 31 16 16-0071	EA	10" Fiber Reinforced Plastic 90 Degree Elbow	422.26	152.57
23 31 16 16-0072	EA	12" Fiber Reinforced Plastic 90 Degree Elbow	519.06	189.76
23 31 16 16-0073	EA	14" Fiber Reinforced Plastic 90 Degree Elbow	585.67	200.89
23 31 16 16-0074	EA	16" Fiber Reinforced Plastic 90 Degree Elbow	664.66	218.16
23 31 16 16-0075	EA	18" Fiber Reinforced Plastic 90 Degree Elbow	786.92	233.94
23 31 16 16-0076	EA	20" Fiber Reinforced Plastic 90 Degree Elbow	903.75	254.28
23 31 16 16-0077	EA	24" Fiber Reinforced Plastic 90 Degree Elbow	1,044.28	279.72
23 31 16 16-0078	EA	30" Fiber Reinforced Plastic 90 Degree Elbow	1,392.01	305.15
23 31 16 16-0079	EA	36" Fiber Reinforced Plastic 90 Degree Elbow	1,771.91	343.29
23 31 16 16-0080	EA	42" Fiber Reinforced Plastic 90 Degree Elbow	2,315.37	381.54
23 31 16 16-0081	EA	48" Fiber Reinforced Plastic 90 Degree Elbow	2,738.91	419.68
23 31 16 16-0082	EA	54" Fiber Reinforced Plastic 90 Degree Elbow	3,246.98	508.58
23 31 16 16-0083	EA	60" Fiber Reinforced Plastic 90 Degree Elbow	3,938.76	635.71
23 31 16 16-0084	EA	66" Fiber Reinforced Plastic 90 Degree Elbow	4,630.13	762.65
23 31 16 16-0085	EA	72" Fiber Reinforced Plastic 90 Degree Elbow	5,279.34	864.26
23 31 16 16-0086		**Fiber Reinforced Plastic 45 Degree Elbow** *(23 31 16 16-0001)*		
23 31 16 16-0087	EA	2" Fiber Reinforced Plastic 45 Degree Elbow	139.52	54.88
23 31 16 16-0088	EA	3" Fiber Reinforced Plastic 45 Degree Elbow	163.88	65.58
23 31 16 16-0089	EA	4" Fiber Reinforced Plastic 45 Degree Elbow	190.38	76.28
23 31 16 16-0090	EA	6" Fiber Reinforced Plastic 45 Degree Elbow	241.51	101.72
23 31 16 16-0091	EA	8" Fiber Reinforced Plastic 45 Degree Elbow	292.61	127.15
23 31 16 16-0092	EA	10" Fiber Reinforced Plastic 45 Degree Elbow	348.16	152.57
23 31 16 16-0093	EA	12" Fiber Reinforced Plastic 45 Degree Elbow	429.70	189.76
23 31 16 16-0094	EA	14" Fiber Reinforced Plastic 45 Degree Elbow	465.62	200.89
23 31 16 16-0095	EA	16" Fiber Reinforced Plastic 45 Degree Elbow	551.04	218.05
23 31 16 16-0096	EA	18" Fiber Reinforced Plastic 45 Degree Elbow	630.16	234.15

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 16 16-0097	EA	20" Fiber Reinforced Plastic 45 Degree Elbow	724.82	254.28
23 31 16 16-0098	EA	24" Fiber Reinforced Plastic 45 Degree Elbow	832.22	279.50
23 31 16 16-0099	EA	30" Fiber Reinforced Plastic 45 Degree Elbow	1,042.61	304.94
23 31 16 16-0100	EA	36" Fiber Reinforced Plastic 45 Degree Elbow	1,268.54	343.60
23 31 16 16-0101	EA	42" Fiber Reinforced Plastic 45 Degree Elbow	1,602.57	381.75
23 31 16 16-0102	EA	48" Fiber Reinforced Plastic 45 Degree Elbow	1,877.32	419.68
23 31 16 16-0103	EA	54" Fiber Reinforced Plastic 45 Degree Elbow	2,239.25	508.58
23 31 16 16-0104	EA	60" Fiber Reinforced Plastic 45 Degree Elbow	2,691.09	635.71
23 31 16 16-0105	EA	66" Fiber Reinforced Plastic 45 Degree Elbow	3,166.27	761.17
23 31 16 16-0106	EA	72" Fiber Reinforced Plastic 45 Degree Elbow	3,579.55	865.10
23 31 16 16-0107		**Fiber Reinforced Plastic Tee** *(23 31 16 16-0001)*		
23 31 16 16-0108	EA	2" Fiber Reinforced Plastic Tee	212.81	81.90
23 31 16 16-0109	EA	3" Fiber Reinforced Plastic Tee	251.68	98.65
23 31 16 16-0110	EA	4" Fiber Reinforced Plastic Tee	288.87	114.43
23 31 16 16-0111	EA	6" Fiber Reinforced Plastic Tee	374.27	152.57
23 31 16 16-0112	EA	8" Fiber Reinforced Plastic Tee	457.98	189.76
23 31 16 16-0113	EA	10" Fiber Reinforced Plastic Tee	546.70	229.91
23 31 16 16-0114	EA	12" Fiber Reinforced Plastic Tee	660.77	278.65
23 31 16 16-0115	EA	14" Fiber Reinforced Plastic Tee	720.74	301.54
23 31 16 16-0116	EA	16" Fiber Reinforced Plastic Tee	829.48	327.60
23 31 16 16-0117	EA	18" Fiber Reinforced Plastic Tee	933.86	350.91
23 31 16 16-0118	EA	20" Fiber Reinforced Plastic Tee	1,072.07	381.54
23 31 16 16-0119	EA	24" Fiber Reinforced Plastic Tee	1,222.95	419.68
23 31 16 16-0120	EA	30" Fiber Reinforced Plastic Tee	1,449.78	457.61
23 31 16 16-0121	EA	36" Fiber Reinforced Plastic Tee	1,731.11	515.14
23 31 16 16-0122	EA	42" Fiber Reinforced Plastic Tee	2,262.59	572.36
23 31 16 16-0123	EA	48" Fiber Reinforced Plastic Tee	2,685.38	629.68
23 31 16 16-0124	EA	54" Fiber Reinforced Plastic Tee	3,235.37	763.39
23 31 16 16-0125	EA	60" Fiber Reinforced Plastic Tee	3,880.23	954.00
23 31 16 16-0126	EA	66" Fiber Reinforced Plastic Tee	4,524.49	1,144.19
23 31 16 16-0127	EA	72" Fiber Reinforced Plastic Tee	5,106.97	1,297.40
23 31 16 16-0128		**Fiber Reinforced Plastic Lateral Joint** *(23 31 16 16-0001)*		
23 31 16 16-0129	EA	2" Fiber Reinforced Plastic Lateral Joint	180.08	81.90
23 31 16 16-0130	EA	3" Fiber Reinforced Plastic Lateral Joint	212.39	98.65
23 31 16 16-0131	EA	4" Fiber Reinforced Plastic Lateral Joint	243.10	114.43
23 31 16 16-0132	EA	6" Fiber Reinforced Plastic Lateral Joint	311.08	152.57
23 31 16 16-0133	EA	8" Fiber Reinforced Plastic Lateral Joint	377.35	189.76
23 31 16 16-0134	EA	10" Fiber Reinforced Plastic Lateral Joint	452.96	229.91
23 31 16 16-0135	EA	12" Fiber Reinforced Plastic Lateral Joint	543.22	278.86
23 31 16 16-0136	EA	14" Fiber Reinforced Plastic Lateral Joint	589.40	301.33
23 31 16 16-0137	EA	16" Fiber Reinforced Plastic Lateral Joint	646.49	327.71
23 31 16 16-0138	EA	18" Fiber Reinforced Plastic Lateral Joint	698.79	351.24
23 31 16 16-0139	EA	20" Fiber Reinforced Plastic Lateral Joint	762.79	381.75
23 31 16 16-0140	EA	24" Fiber Reinforced Plastic Lateral Joint	843.41	419.68
23 31 16 16-0141	EA	30" Fiber Reinforced Plastic Lateral Joint	930.22	457.40
23 31 16 16-0142	EA	36" Fiber Reinforced Plastic Lateral Joint	1,050.01	514.82
23 31 16 16-0143	EA	42" Fiber Reinforced Plastic Lateral Joint	1,172.65	572.68
23 31 16 16-0144	EA	48" Fiber Reinforced Plastic Lateral Joint	1,288.98	629.47
23 31 16 16-0145	EA	54" Fiber Reinforced Plastic Lateral Joint	1,541.25	761.17
23 31 16 16-0146	EA	60" Fiber Reinforced Plastic Lateral Joint	1,887.26	955.69
23 31 16 16-0147	EA	66" Fiber Reinforced Plastic Lateral Joint	2,279.18	1,145.03
23 31 16 16-0148	EA	72" Fiber Reinforced Plastic Lateral Joint	2,554.92	1,297.40
23 31 16 16-0149		**Fiber Reinforced Plastic One Piece Reducer** *(23 31 16 16-0001)*		
23 31 16 16-0150	EA	2" Fiber Reinforced Plastic One Piece Reducer	148.28	54.99
23 31 16 16-0151	EA	3" Fiber Reinforced Plastic One Piece Reducer	174.84	65.69
23 31 16 16-0152	EA	4" Fiber Reinforced Plastic One Piece Reducer	205.72	76.28
23 31 16 16-0153	EA	6" Fiber Reinforced Plastic One Piece Reducer	265.50	101.72
23 31 16 16-0154	EA	8" Fiber Reinforced Plastic One Piece Reducer	320.96	127.15
23 31 16 16-0155	EA	10" Fiber Reinforced Plastic One Piece Reducer	386.18	153.21
23 31 16 16-0156	EA	12" Fiber Reinforced Plastic One Piece Reducer	460.24	189.76
23 31 16 16-0157	EA	14" Fiber Reinforced Plastic One Piece Reducer	491.80	200.89
23 31 16 16-0158	EA	16" Fiber Reinforced Plastic One Piece Reducer	542.31	218.05
23 31 16 16-0159	EA	18" Fiber Reinforced Plastic One Piece Reducer	595.26	234.15
23 31 16 16-0160	EA	20" Fiber Reinforced Plastic One Piece Reducer	663.75	254.28
23 31 16 16-0161	EA	24" Fiber Reinforced Plastic One Piece Reducer	754.67	280.03
23 31 16 16-0162	EA	30" Fiber Reinforced Plastic One Piece Reducer	845.30	305.67
23 31 16 16-0163	EA	36" Fiber Reinforced Plastic One Piece Reducer	956.62	343.60
23 31 16 16-0164	EA	42" Fiber Reinforced Plastic One Piece Reducer	1,068.17	381.75
23 31 16 16-0165	EA	48" Fiber Reinforced Plastic One Piece Reducer	1,201.14	419.68
23 31 16 16-0166	EA	54" Fiber Reinforced Plastic One Piece Reducer	1,425.65	508.58
23 31 16 16-0167	EA	60" Fiber Reinforced Plastic One Piece Reducer	1,707.35	635.71
23 31 16 16-0168	EA	66" Fiber Reinforced Plastic One Piece Reducer	1,922.96	761.17
23 31 16 16-0169	EA	72" Fiber Reinforced Plastic One Piece Reducer	2,161.74	865.10

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 16 16-0170		**Fiber Reinforced Plastic Two Piece Reducer** *(23 31 16 16-0001)*		
23 31 16 16-0171	EA	2" Fiber Reinforced Plastic Two Piece Reducer	174.46	54.99
23 31 16 16-0172	EA	3" Fiber Reinforced Plastic Two Piece Reducer	192.29	65.69
23 31 16 16-0173	EA	4" Fiber Reinforced Plastic Two Piece Reducer	223.17	76.28
23 31 16 16-0174	EA	6" Fiber Reinforced Plastic Two Piece Reducer	289.50	101.72
23 31 16 16-0175	EA	8" Fiber Reinforced Plastic Two Piece Reducer	355.86	127.15
23 31 16 16-0176	EA	10" Fiber Reinforced Plastic Two Piece Reducer	423.27	153.21
23 31 16 16-0177	EA	12" Fiber Reinforced Plastic Two Piece Reducer	508.23	189.76
23 31 16 16-0178	EA	14" Fiber Reinforced Plastic Two Piece Reducer	552.87	200.89
23 31 16 16-0179	EA	16" Fiber Reinforced Plastic Two Piece Reducer	603.39	218.05
23 31 16 16-0180	EA	18" Fiber Reinforced Plastic Two Piece Reducer	678.14	234.15
23 31 16 16-0181	EA	20" Fiber Reinforced Plastic Two Piece Reducer	846.97	254.28
23 31 16 16-0182	EA	24" Fiber Reinforced Plastic Two Piece Reducer	1,022.97	280.03
23 31 16 16-0183	EA	30" Fiber Reinforced Plastic Two Piece Reducer	1,098.32	305.67
23 31 16 16-0184	EA	36" Fiber Reinforced Plastic Two Piece Reducer	1,248.90	343.60
23 31 16 16-0185	EA	42" Fiber Reinforced Plastic Two Piece Reducer	1,356.09	381.75
23 31 16 16-0186	EA	48" Fiber Reinforced Plastic Two Piece Reducer	1,484.70	419.68
23 31 16 16-0187	EA	54" Fiber Reinforced Plastic Two Piece Reducer	1,654.68	508.58
23 31 16 16-0188	EA	60" Fiber Reinforced Plastic Two Piece Reducer	1,923.29	635.71
23 31 16 16-0189	EA	66" Fiber Reinforced Plastic Two Piece Reducer	2,162.90	761.17
23 31 16 16-0190	EA	72" Fiber Reinforced Plastic Two Piece Reducer	2,379.86	865.10
23 31 16 16-0191		**Fiber Reinforced Plastic Butterfly Dampers** *(23 31 16 16-0001)*		
23 31 16 16-0192	EA	2" Fiber Reinforced Plastic Damper	448.26	54.88
23 31 16 16-0193	EA	3" Fiber Reinforced Plastic Damper	503.64	65.58
23 31 16 16-0194	EA	4" Fiber Reinforced Plastic Damper	558.98	76.28
23 31 16 16-0195	EA	6" Fiber Reinforced Plastic Damper	657.70	101.72
23 31 16 16-0196	EA	8" Fiber Reinforced Plastic Damper	775.17	127.15
23 31 16 16-0197	EA	10" Fiber Reinforced Plastic Damper	873.90	152.57
23 31 16 16-0198	EA	12" Fiber Reinforced Plastic Damper	992.13	189.76
23 31 16 16-0199	EA	14" Fiber Reinforced Plastic Damper	1,104.64	200.89
23 31 16 16-0200	EA	16" Fiber Reinforced Plastic Damper	1,227.34	218.16
23 31 16 16-0201	EA	18" Fiber Reinforced Plastic Damper	1,347.50	233.94
23 31 16 16-0202	EA	20" Fiber Reinforced Plastic Damper	1,437.77	254.28
23 31 16 16-0203	EA	24" Fiber Reinforced Plastic Damper	1,630.35	279.72
23 31 16 16-0204	EA	30" Fiber Reinforced Plastic Damper	1,898.02	305.15
23 31 16 16-0205	EA	36" Fiber Reinforced Plastic Damper	2,186.95	343.29
23 31 16 16-0206	EA	42" Fiber Reinforced Plastic Damper	2,513.40	381.54
23 31 16 16-0207	EA	48" Fiber Reinforced Plastic Damper	2,802.34	419.68
23 31 16 16-0208	EA	54" Fiber Reinforced Plastic Damper	3,288.47	508.58
23 31 16 16-0209	EA	60" Fiber Reinforced Plastic Damper	3,838.34	635.71
23 31 16 16-0210	EA	66" Fiber Reinforced Plastic Damper	4,350.25	762.65
23 31 16 16-0211	EA	72" Fiber Reinforced Plastic Damper	5,007.76	864.26
23 31 16 23		**Fabric Ducts** *(23 31 16)*		
23 31 16 23-0001		Heavy Duty Fabric Ducts (Zip-A-Duct™) *(23 31 16 23)*		
23 31 16 23-0002		Heavy Duty Fabric Duct Without Vents *(23 31 16 23-0001)* Note: Includes fabric loops for cable hooks. Requires Suspension Hardware as well as an Inlet Section and Endcap per complete run. See CSI section 23 31 16 23-0064 for suspension hardware.		
23 31 16 23-0003	EA	12" Diameter x 5' Long Gray Heavy Duty Fabric Duct Without Vents Note: Excludes suspension cable and hardware.	187.73	8.07
23 31 16 23-0004	EA	12" Diameter x 10' Long Gray Heavy Duty Fabric Duct Without Vents Note: Excludes suspension cable and hardware.	293.90	10.77
23 31 16 23-0005	EA	16" Diameter x 5' Long Gray Heavy Duty Fabric Duct Without Vents Note: Excludes suspension cable and hardware.	225.83	13.46
23 31 16 23-0006	EA	16" Diameter x 10' Long Gray Heavy Duty Fabric Duct Without Vents Note: Excludes suspension cable and hardware.	336.66	17.70
23 31 16 23-0007	EA	20" Diameter x 5' Long Gray Heavy Duty Fabric Duct Without Vents Note: Excludes suspension cable and hardware.	273.66	18.47
23 31 16 23-0008	EA	20" Diameter x 10' Long Gray Heavy Duty Fabric Duct Without Vents Note: Excludes suspension cable and hardware.	392.50	24.62
23 31 16 23-0009	EA	24" Diameter x 5' Long Gray Heavy Duty Fabric Duct Without Vents Note: Excludes suspension cable and hardware.	318.30	23.85
23 31 16 23-0010	EA	24" Diameter x 10' Long Gray Heavy Duty Fabric Duct Without Vents Note: Excludes suspension cable and hardware.	448.33	31.54
23 31 16 23-0011	EA	28" Diameter x 5' Long Gray Heavy Duty Fabric Duct Without Vents Note: Excludes suspension cable and hardware.	354.92	27.32
23 31 16 23-0012	EA	28" Diameter x 10' Long Gray Heavy Duty Fabric Duct Without Vents Note: Excludes suspension cable and hardware.	533.18	36.55
23 31 16 23-0013	EA	32" Diameter x 5' Long Gray Heavy Duty Fabric Duct Without Vents Note: Excludes suspension cable and hardware.	390.39	30.39
23 31 16 23-0014	EA	32" Diameter x 10' Long Gray Heavy Duty Fabric Duct Without Vents Note: Excludes suspension cable and hardware.	594.94	40.39
23 31 16 23-0015	EA	36" Diameter x 5' Long Gray Heavy Duty Fabric Duct Without Vents Note: Excludes suspension cable and hardware.	424.98	34.63
23 31 16 23-0016	EA	36" Diameter x 10' Long Gray Heavy Duty Fabric Duct Without Vents Note: Excludes suspension cable and hardware.	686.48	46.16

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 16 23-0017		**Heavy Duty Fabric Duct With Vents** *(23 31 16 23-0001)*		
23 31 16 23-0018	EA	12" Diameter x 10' Long Gray Heavy Duty Fabric Duct With Vents Note: Excludes suspension cable and hardware.	511.71	10.77
23 31 16 23-0019	EA	16" Diameter x 10' Long Gray Heavy Duty Fabric Duct With Vents Note: Excludes suspension cable and hardware.	567.54	17.70
23 31 16 23-0020	EA	20" Diameter x 10' Long Gray Heavy Duty Fabric Duct With Vents Note: Excludes suspension cable and hardware.	634.27	24.62
23 31 16 23-0021	EA	24" Diameter x 10' Long Gray Heavy Duty Fabric Duct With Vents Note: Excludes suspension cable and hardware.	703.17	31.54
23 31 16 23-0022	EA	28" Diameter x 10' Long Gray Heavy Duty Fabric Duct With Vents Note: Excludes suspension cable and hardware.	846.83	36.55
23 31 16 23-0023	EA	32" Diameter x 10' Long Gray Heavy Duty Fabric Duct With Vents Note: Excludes suspension cable and hardware.	908.59	40.39
23 31 16 23-0024	EA	36" Diameter x 10' Long Gray Heavy Duty Fabric Duct With Vents Note: Excludes suspension cable and hardware.	1,026.27	46.16
23 31 16 23-0025		**Heavy Duty Fabric Duct 90 Degree Elbow** *(23 31 16 23-0001)*		
23 31 16 23-0026	EA	12" Diameter Gray Heavy Duty Fabric Duct 90 Degree Elbow Note: Excludes suspension cable and hardware.	381.18	11.54
23 31 16 23-0027	EA	16" Diameter Gray Heavy Duty Fabric Duct 90 Degree Elbow Note: Excludes suspension cable and hardware.	426.13	18.47
23 31 16 23-0028	EA	20" Diameter Gray Heavy Duty Fabric Duct 90 Degree Elbow Note: Excludes suspension cable and hardware.	576.72	20.01
23 31 16 23-0029	EA	24" Diameter Gray Heavy Duty Fabric Duct 90 Degree Elbow Note: Excludes suspension cable and hardware.	704.43	26.93
23 31 16 23-0030	EA	28" Diameter Gray Heavy Duty Fabric Duct 90 Degree Elbow Note: Excludes suspension cable and hardware.	890.18	30.00
23 31 16 23-0031	EA	32" Diameter Gray Heavy Duty Fabric Duct 90 Degree Elbow Note: Excludes suspension cable and hardware.	1,109.62	32.70
23 31 16 23-0032	EA	36" Diameter Gray Heavy Duty Fabric Duct 90 Degree Elbow Note: Excludes suspension cable and hardware.	1,260.78	36.55
23 31 16 23-0033		**Heavy Duty Fabric Duct 45 Degree Elbow** *(23 31 16 23-0001)*		
23 31 16 23-0034	EA	12" Diameter Gray Heavy Duty Fabric Duct 45 Degree Elbow Note: Excludes suspension cable and hardware.	291.88	11.54
23 31 16 23-0035	EA	16" Diameter Gray Heavy Duty Fabric Duct 45 Degree Elbow Note: Excludes suspension cable and hardware.	343.36	18.47
23 31 16 23-0036	EA	20" Diameter Gray Heavy Duty Fabric Duct 45 Degree Elbow Note: Excludes suspension cable and hardware.	385.05	20.01
23 31 16 23-0037	EA	24" Diameter Gray Heavy Duty Fabric Duct 45 Degree Elbow Note: Excludes suspension cable and hardware.	449.59	26.93
23 31 16 23-0038	EA	28" Diameter Gray Heavy Duty Fabric Duct 45 Degree Elbow Note: Excludes suspension cable and hardware.	519.91	30.00
23 31 16 23-0039	EA	32" Diameter Gray Heavy Duty Fabric Duct 45 Degree Elbow Note: Excludes suspension cable and hardware.	623.90	32.70
23 31 16 23-0040	EA	36" Diameter Gray Heavy Duty Fabric Duct 45 Degree Elbow Note: Excludes suspension cable and hardware.	711.79	36.55
23 31 16 23-0041		**Heavy Duty Fabric Duct Tee** *(23 31 16 23-0001)*		
23 31 16 23-0042	EA	16" x 12" x 12" Gray Heavy Duty Fabric Duct Tee Note: Excludes suspension cable and hardware.	930.95	26.93
23 31 16 23-0043	EA	20" x 16" x 16" Gray Heavy Duty Fabric Duct Tee Note: Excludes suspension cable and hardware.	980.34	28.86
23 31 16 23-0044	EA	24" x 16" x 16" Gray Heavy Duty Fabric Duct Tee Note: Excludes suspension cable and hardware.	1,062.93	38.85
23 31 16 23-0045	EA	28" x 20" x 20" Gray Heavy Duty Fabric Duct Tee Note: Excludes suspension cable and hardware.	1,118.30	43.48
23 31 16 23-0046	EA	32" x 24" x 24" Gray Heavy Duty Fabric Duct Tee Note: Excludes suspension cable and hardware.	1,160.44	47.32
23 31 16 23-0047	EA	36" x 28" x 28" Gray Heavy Duty Fabric Duct Tee Note: Excludes suspension cable and hardware.	1,217.14	53.09
23 31 16 23-0048		**Heavy Duty Fabric Duct Inlets** *(23 31 16 23-0001)*		
23 31 16 23-0049	EA	12" Diameter Gray Heavy Duty Fabric Duct Transition Inlet Note: Excludes suspension cable and hardware.	150.30	11.54
23 31 16 23-0050	EA	16" Diameter Gray Heavy Duty Fabric Duct Transition Inlet Note: Excludes suspension cable and hardware.	177.82	18.47
23 31 16 23-0051	EA	20" Diameter Gray Heavy Duty Fabric Duct Transition Inlet Note: Excludes suspension cable and hardware.	191.20	20.01
23 31 16 23-0052	EA	24" Diameter Gray Heavy Duty Fabric Duct Transition Inlet Note: Excludes suspension cable and hardware.	220.89	26.93
23 31 16 23-0053	EA	28" Diameter Gray Heavy Duty Fabric Duct Transition Inlet Note: Excludes suspension cable and hardware.	236.75	30.00
23 31 16 23-0054	EA	32" Diameter Gray Heavy Duty Fabric Duct Transition Inlet Note: Excludes suspension cable and hardware.	253.63	32.70
23 31 16 23-0055	EA	36" Diameter Gray Heavy Duty Fabric Duct Transition Inlet Note: Excludes suspension cable and hardware.	278.34	36.55

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 16 23-0056		Heavy Duty Fabric Duct Cap *(23 31 16 23-0001)*		
23 31 16 23-0057	EA	12" Diameter Gray Heavy Duty Fabric Duct End Cap Note: Excludes suspension cable and hardware.	88.39	6.93
23 31 16 23-0058	EA	16" Diameter Gray Heavy Duty Fabric Duct End Cap Note: Excludes suspension cable and hardware.	112.11	11.16
23 31 16 23-0059	EA	20" Diameter Gray Heavy Duty Fabric Duct End Cap Note: Excludes suspension cable and hardware.	131.87	11.92
23 31 16 23-0060	EA	24" Diameter Gray Heavy Duty Fabric Duct End Cap Note: Excludes suspension cable and hardware.	183.89	16.16
23 31 16 23-0061	EA	28" Diameter Gray Heavy Duty Fabric Duct End Cap Note: Excludes suspension cable and hardware.	220.22	18.08
23 31 16 23-0062	EA	32" Diameter Gray Heavy Duty Fabric Duct End Cap Note: Excludes suspension cable and hardware.	274.97	19.62
23 31 16 23-0063	EA	36" Diameter Gray Heavy Duty Fabric Duct End Cap Note: Excludes suspension cable and hardware.	310.29	21.93
23 31 16 23-0064		Heavy Duty Fabric Duct Suspension Hardware *(23 31 16 23-0001)*		
23 31 16 23-0065	EA	12 To 20 Inch Diameter Ducts Fixing Strap With Galvanized Hardware Note: Vertical support straps are recommended every six (6) to ten (10) feet along the length of the duct.	34.15	5.83
23 31 16 23-0066	EA	20 To 36 Inch Diameter Ducts Fixing Strap With Galvanized Hardware Note: Vertical support straps are recommended every six (6) to ten (10) feet along the length of the duct.	53.27	8.74
23 31 16 23-0067	EA	Galvanized Cable Locks For Horizontal Cables Note: Requires two (2) cable locks per support point or per stretcher.	12.60	2.91
23 31 16 23-0068	LF	Galvanized Plastic Coated Cable For Fabric Duct Note: Excludes anchor bolts or anchors.	0.77	0.12
23 31 16 23-0069	EA	Galvanized Stretcher For Straight Fabric Duct Runs	29.33	5.83
23 31 16 23-0070	EA	12 To 20 Inch Diameter Ducts Fixing Strap With Stainless Steel Hardware Note: Vertical support straps are recommended every six (6) to ten (10) feet along the length of the duct.	63.07	5.83
23 31 16 23-0071	EA	20 To 36 Inch Diameter Ducts Fixing Strap With Stainless Steel Hardware Note: Vertical support straps are recommended every six (6) to ten (10) feet along the length of the duct.	86.16	8.74
23 31 16 23-0072	EA	Stainless Steel Cable Locks For Horizontal Cables Note: Requires two (2) cable locks per support point or per stretcher.	16.67	2.91
23 31 16 23-0073	LF	Stainless Steel Plastic Coated Cable For Fabric Duct Note: Excludes anchor bolts or anchors.	2.43	0.12
23 31 16 23-0074	EA	Stainless Steel Stretcher For Straight Fabric Duct Runs	39.87	5.83

23 33 Air Duct Accessories *(23 30)*

23 33 13 Dampers *(23 33)*

23 33 13 13 Volume-Control Dampers *(23 33 13)*

23 33 13 13-0001		Radial Opposed Blade Damper Steel Construction (Ruskin CDR) *(23 33 13 13)*		
23 33 13 13-0002	EA	6" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated	134.22	9.31
		For Stainless Steel, Add	*127.54*	
23 33 13 13-0003	EA	7" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated	141.41	10.47
		For Stainless Steel, Add	*129.38*	
23 33 13 13-0004	EA	8" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated	149.28	11.63
		For Stainless Steel, Add	*130.74*	
23 33 13 13-0005	EA	10" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated	160.56	13.96
		For Stainless Steel, Add	*138.92*	
23 33 13 13-0006	EA	12" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated	172.99	15.13
		For Stainless Steel, Add	*147.10*	
23 33 13 13-0007	EA	14" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated	210.03	16.29
		For Stainless Steel, Add	*187.95*	
23 33 13 13-0008	EA	15" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated	229.36	17.45
		For Stainless Steel, Add	*204.30*	
23 33 13 13-0009	EA	16" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated	240.97	19.78
		For Stainless Steel, Add	*212.43*	
23 33 13 13-0010	EA	18" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated	266.05	20.94
		For Stainless Steel, Add	*236.96*	
23 33 13 13-0011	EA	20" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated	317.34	23.27
		For Stainless Steel, Add	*294.18*	
23 33 13 13-0012	EA	24" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated	352.87	23.27
		For Stainless Steel, Add	*334.98*	
23 33 13 13-0013	EA	30" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated	406.40	26.76
		For Stainless Steel, Add	*392.20*	
23 33 13 13-0014	EA	36" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated	438.96	27.92
		For Stainless Steel, Add	*427.36*	
23 33 13 13-0015		Rectangular Opposed Blade Damper (Ruskin CD) *(23 33 13 13)*		
23 33 13 13-0016	EA	6" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	134.83	12.94
		For Stainless Steel, Add	*124.81*	
		For Parallel Blade Damper, Add	*38.40*	
23 33 13 13-0017	EA	8" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	143.40	13.52
		For Stainless Steel, Add	*133.68*	
		For Parallel Blade Damper, Add	*41.13*	
23 33 13 13-0018	EA	8" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	150.49	13.64
		For Stainless Steel, Add	*142.60*	
		For Parallel Blade Damper, Add	*43.88*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 13-0019	EA	10" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	150.49	13.64
		For Stainless Steel, Add	*142.60*	
		For Parallel Blade Damper, Add	*43.88*	
23 33 13 13-0020	EA	10" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	158.52	13.99
		For Stainless Steel, Add	*151.52*	
		For Parallel Blade Damper, Add	*46.62*	
23 33 13 13-0021	EA	10" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	176.87	15.51
		For Stainless Steel, Add	*169.31*	
		For Parallel Blade Damper, Add	*52.10*	
23 33 13 13-0022	EA	12" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	158.52	13.99
		For Stainless Steel, Add	*151.52*	
		For Parallel Blade Damper, Add	*46.62*	
23 33 13 13-0023	EA	12" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	174.54	14.80
		For Stainless Steel, Add	*169.31*	
		For Parallel Blade Damper, Add	*52.10*	
23 33 13 13-0024	EA	12" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	183.78	15.51
		For Stainless Steel, Add	*178.30*	
		For Parallel Blade Damper, Add	*54.86*	
23 33 13 13-0025	EA	12" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	203.02	17.49
		For Stainless Steel, Add	*195.73*	
		For Parallel Blade Damper, Add	*60.22*	
23 33 13 13-0026	EA	14" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	171.15	14.80
		For Stainless Steel, Add	*164.91*	
		For Parallel Blade Damper, Add	*50.74*	
23 33 13 13-0027	EA	14" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	183.78	15.51
		For Stainless Steel, Add	*178.30*	
		For Parallel Blade Damper, Add	*54.86*	
23 33 13 13-0028	EA	14" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	192.97	16.32
		For Stainless Steel, Add	*187.21*	
		For Parallel Blade Damper, Add	*57.60*	
23 33 13 13-0029	EA	14" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	203.34	17.49
		For Stainless Steel, Add	*196.14*	
		For Parallel Blade Damper, Add	*60.35*	
23 33 13 13-0030	EA	14" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	226.28	19.47
		For Stainless Steel, Add	*218.39*	
		For Parallel Blade Damper, Add	*67.20*	
23 33 13 13-0031	EA	16" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	183.78	15.51
		For Stainless Steel, Add	*178.30*	
		For Parallel Blade Damper, Add	*54.86*	
23 33 13 13-0032	EA	16" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	194.14	16.67
		For Stainless Steel, Add	*187.21*	
		For Parallel Blade Damper, Add	*57.60*	
23 33 13 13-0033	EA	16" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	205.67	18.30
		For Stainless Steel, Add	*196.14*	
		For Parallel Blade Damper, Add	*60.35*	
23 33 13 13-0034	EA	16" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	215.98	19.47
		For Stainless Steel, Add	*205.00*	
		For Parallel Blade Damper, Add	*63.08*	
23 33 13 13-0035	EA	16" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	239.02	21.33
		For Stainless Steel, Add	*227.37*	
		For Parallel Blade Damper, Add	*69.96*	
23 33 13 13-0036	EA	16" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	261.97	23.32
		For Stainless Steel, Add	*249.63*	
		For Parallel Blade Damper, Add	*76.81*	
23 33 13 13-0037	EA	18" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	192.97	16.32
		For Stainless Steel, Add	*187.21*	
		For Parallel Blade Damper, Add	*57.60*	
23 33 13 13-0038	EA	18" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	206.72	17.49
		For Stainless Steel, Add	*200.54*	
		For Parallel Blade Damper, Add	*61.70*	
23 33 13 13-0039	EA	18" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	222.90	19.47
		For Stainless Steel, Add	*213.99*	
		For Parallel Blade Damper, Add	*65.84*	
23 33 13 13-0040	EA	18" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	245.89	21.33
		For Stainless Steel, Add	*236.30*	
		For Parallel Blade Damper, Add	*72.71*	
23 33 13 13-0041	EA	18" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	265.40	23.32
		For Stainless Steel, Add	*254.09*	
		For Parallel Blade Damper, Add	*78.18*	
23 33 13 13-0042	EA	18" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	278.67	25.18
		For Stainless Steel, Add	*263.77*	
		For Parallel Blade Damper, Add	*81.16*	
23 33 13 13-0043	EA	18" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	294.33	27.16
		For Stainless Steel, Add	*276.55*	
		For Parallel Blade Damper, Add	*85.09*	
23 33 13 13-0044	EA	20" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	189.62	17.49
		For Stainless Steel, Add	*178.31*	
		For Parallel Blade Damper, Add	*54.86*	
23 33 13 13-0045	EA	20" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	207.89	19.47
		For Stainless Steel, Add	*194.48*	
		For Parallel Blade Damper, Add	*59.84*	
23 33 13 13-0046	EA	20" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	226.20	21.33
		For Stainless Steel, Add	*210.70*	
		For Parallel Blade Damper, Add	*64.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 13-0047	EA	20" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	256.99	23.32
		For Stainless Steel, Add	*243.15*	
		For Parallel Blade Damper, Add	*74.82*	
23 33 13 13-0048	EA	20" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	272.17	25.18
		For Stainless Steel, Add	*255.32*	
		For Parallel Blade Damper, Add	*78.56*	
23 33 13 13-0049	EA	20" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	287.36	27.16
		For Stainless Steel, Add	*267.49*	
		For Parallel Blade Damper, Add	*82.30*	
23 33 13 13-0050	EA	20" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	305.63	29.15
		For Stainless Steel, Add	*283.66*	
		For Parallel Blade Damper, Add	*87.28*	
23 33 13 13-0051	EA	20" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	323.90	31.01
		For Stainless Steel, Add	*299.83*	
		For Parallel Blade Damper, Add	*92.26*	
23 33 13 13-0052	EA	24" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	214.13	19.47
		For Stainless Steel, Add	*202.59*	
		For Parallel Blade Damper, Add	*62.34*	
23 33 13 13-0053	EA	24" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	238.68	21.33
		For Stainless Steel, Add	*226.93*	
		For Parallel Blade Damper, Add	*69.82*	
23 33 13 13-0054	EA	24" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	256.99	23.32
		For Stainless Steel, Add	*243.15*	
		For Parallel Blade Damper, Add	*74.82*	
23 33 13 13-0055	EA	24" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	281.53	25.18
		For Stainless Steel, Add	*267.49*	
		For Parallel Blade Damper, Add	*82.30*	
23 33 13 13-0056	EA	24" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	296.68	27.16
		For Stainless Steel, Add	*279.60*	
		For Parallel Blade Damper, Add	*86.03*	
23 33 13 13-0057	EA	24" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	311.87	29.15
		For Stainless Steel, Add	*291.77*	
		For Parallel Blade Damper, Add	*89.78*	
23 33 13 13-0058	EA	24" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	336.38	31.01
		For Stainless Steel, Add	*316.06*	
		For Parallel Blade Damper, Add	*97.25*	
23 33 13 13-0059	EA	24" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	366.71	34.97
		For Stainless Steel, Add	*340.34*	
		For Parallel Blade Damper, Add	*104.72*	
23 33 13 13-0060	EA	24" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	403.37	38.82
		For Stainless Steel, Add	*372.84*	
		For Parallel Blade Damper, Add	*114.72*	
23 33 13 13-0061	EA	28" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	238.68	21.33
		For Stainless Steel, Add	*226.93*	
		For Parallel Blade Damper, Add	*69.82*	
23 33 13 13-0062	EA	28" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	256.99	23.32
		For Stainless Steel, Add	*243.15*	
		For Parallel Blade Damper, Add	*74.82*	
23 33 13 13-0063	EA	28" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	281.53	25.18
		For Stainless Steel, Add	*267.49*	
		For Parallel Blade Damper, Add	*82.30*	
23 33 13 13-0064	EA	28" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	299.80	27.16
		For Stainless Steel, Add	*283.66*	
		For Parallel Blade Damper, Add	*87.28*	
23 33 13 13-0065	EA	28" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	321.19	29.15
		For Stainless Steel, Add	*303.89*	
		For Parallel Blade Damper, Add	*93.50*	
23 33 13 13-0066	EA	28" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	342.58	31.01
		For Stainless Steel, Add	*324.12*	
		For Parallel Blade Damper, Add	*99.73*	
23 33 13 13-0067	EA	28" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	372.95	34.97
		For Stainless Steel, Add	*348.45*	
		For Parallel Blade Damper, Add	*107.22*	
23 33 13 13-0068	EA	28" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	403.37	38.82
		For Stainless Steel, Add	*372.84*	
		For Parallel Blade Damper, Add	*114.72*	
23 33 13 13-0069	EA	28" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	446.56	40.80
		For Stainless Steel, Add	*421.41*	
		For Parallel Blade Damper, Add	*129.66*	
23 33 13 13-0070	EA	28" x 28" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	489.38	44.64
		For Stainless Steel, Add	*461.92*	
		For Parallel Blade Damper, Add	*142.13*	
23 33 13 13-0071	EA	32" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	275.71	23.32
		For Stainless Steel, Add	*267.49*	
		For Parallel Blade Damper, Add	*82.30*	
23 33 13 13-0072	EA	32" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	287.73	25.18
		For Stainless Steel, Add	*275.55*	
		For Parallel Blade Damper, Add	*84.78*	
23 33 13 13-0073	EA	32" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	299.80	27.16
		For Stainless Steel, Add	*283.66*	
		For Parallel Blade Damper, Add	*87.28*	
23 33 13 13-0074	EA	32" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	318.07	29.15
		For Stainless Steel, Add	*299.83*	
		For Parallel Blade Damper, Add	*92.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 13-0075	EA	32" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	343.79	31.01
		For Stainless Steel, Add	*325.69*	
		For Parallel Blade Damper, Add	*100.21*	
23 33 13 13-0076	EA	32" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	372.95	34.97
		For Stainless Steel, Add	*348.45*	
		For Parallel Blade Damper, Add	*107.22*	
23 33 13 13-0077	EA	32" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	409.61	38.82
		For Stainless Steel, Add	*380.95*	
		For Parallel Blade Damper, Add	*117.22*	
23 33 13 13-0078	EA	32" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	446.19	42.67
		For Stainless Steel, Add	*413.35*	
		For Parallel Blade Damper, Add	*127.18*	
23 33 13 13-0079	EA	32" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	489.38	44.64
		For Stainless Steel, Add	*461.92*	
		For Parallel Blade Damper, Add	*142.13*	
23 33 13 13-0080	EA	32" x 28" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	542.38	47.79
		For Stainless Steel, Add	*518.70*	
		For Parallel Blade Damper, Add	*159.60*	
23 33 13 13-0081	EA	32" x 32" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	600.43	50.47
		For Stainless Steel, Add	*583.54*	
		For Parallel Blade Damper, Add	*179.55*	
23 33 13 13-0082	EA	36" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	300.21	25.18
		For Stainless Steel, Add	*291.77*	
		For Parallel Blade Damper, Add	*89.78*	
23 33 13 13-0083	EA	36" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	318.48	27.16
		For Stainless Steel, Add	*307.94*	
		For Parallel Blade Damper, Add	*94.75*	
23 33 13 13-0084	EA	36" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	336.75	29.15
		For Stainless Steel, Add	*324.12*	
		For Parallel Blade Damper, Add	*99.73*	
23 33 13 13-0085	EA	36" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	361.30	31.01
		For Stainless Steel, Add	*348.45*	
		For Parallel Blade Damper, Add	*107.22*	
23 33 13 13-0086	EA	36" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	382.35	34.97
		For Stainless Steel, Add	*360.67*	
		For Parallel Blade Damper, Add	*110.98*	
23 33 13 13-0087	EA	36" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	397.54	36.84
		For Stainless Steel, Add	*372.84*	
		For Parallel Blade Damper, Add	*114.72*	
23 33 13 13-0088	EA	36" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	446.19	42.67
		For Stainless Steel, Add	*413.35*	
		For Parallel Blade Damper, Add	*127.18*	
23 33 13 13-0089	EA	36" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	488.97	46.63
		For Stainless Steel, Add	*453.80*	
		For Parallel Blade Damper, Add	*139.63*	
23 33 13 13-0090	EA	36" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	531.07	48.15
		For Stainless Steel, Add	*502.48*	
		For Parallel Blade Damper, Add	*154.61*	
23 33 13 13-0091	EA	36" x 28" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	591.40	51.64
		For Stainless Steel, Add	*567.27*	
		For Parallel Blade Damper, Add	*174.54*	
23 33 13 13-0092	EA	36" x 32" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	643.21	54.32
		For Stainless Steel, Add	*624.00*	
		For Parallel Blade Damper, Add	*192.00*	
23 33 13 13-0093	EA	36" x 36" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	698.91	56.30
		For Stainless Steel, Add	*688.84*	
		For Parallel Blade Damper, Add	*211.95*	
23 33 13 13-0094	EA	40" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	312.24	29.15
		For Stainless Steel, Add	*299.83*	
		For Parallel Blade Damper, Add	*92.26*	
23 33 13 13-0095	EA	40" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	342.99	31.01
		For Stainless Steel, Add	*332.23*	
		For Parallel Blade Damper, Add	*102.22*	
23 33 13 13-0096	EA	40" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	355.06	32.99
		For Stainless Steel, Add	*340.34*	
		For Parallel Blade Damper, Add	*104.72*	
23 33 13 13-0097	EA	40" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	367.13	34.97
		For Stainless Steel, Add	*348.45*	
		For Parallel Blade Damper, Add	*107.22*	
23 33 13 13-0098	EA	40" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	400.62	36.84
		For Stainless Steel, Add	*376.84*	
		For Parallel Blade Damper, Add	*115.95*	
23 33 13 13-0099	EA	40" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	428.29	38.82
		For Stainless Steel, Add	*405.24*	
		For Parallel Blade Damper, Add	*124.69*	
23 33 13 13-0100	EA	40" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	470.70	44.64
		For Stainless Steel, Add	*437.63*	
		For Parallel Blade Damper, Add	*134.66*	
23 33 13 13-0101	EA	40" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	507.32	48.50
		For Stainless Steel, Add	*470.08*	
		For Parallel Blade Damper, Add	*144.64*	
23 33 13 13-0102	EA	40" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	554.04	51.64
		For Stainless Steel, Add	*518.70*	
		For Parallel Blade Damper, Add	*159.60*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 13-0103	EA	40" x 28" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	630.77	54.32
		For Stainless Steel, Add	*607.83*	
		For Parallel Blade Damper, Add	*187.02*	
23 33 13 13-0104	EA	40" x 32" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	677.45	57.47
		For Stainless Steel, Add	*656.40*	
		For Parallel Blade Damper, Add	*201.97*	
23 33 13 13-0105	EA	40" x 36" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	750.71	58.99
		For Stainless Steel, Add	*745.58*	
		For Parallel Blade Damper, Add	*229.41*	
23 33 13 13-0106	EA	40" x 40" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	822.40	62.13
		For Stainless Steel, Add	*826.64*	
		For Parallel Blade Damper, Add	*254.35*	
23 33 13 13-0107	EA	44" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	330.55	29.15
		For Stainless Steel, Add	*316.06*	
		For Parallel Blade Damper, Add	*97.25*	
23 33 13 13-0108	EA	44" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	361.30	31.01
		For Stainless Steel, Add	*348.45*	
		For Parallel Blade Damper, Add	*107.22*	
23 33 13 13-0109	EA	44" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	385.89	32.99
		For Stainless Steel, Add	*372.84*	
		For Parallel Blade Damper, Add	*114.72*	
23 33 13 13-0110	EA	44" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	397.95	34.97
		For Stainless Steel, Add	*380.95*	
		For Parallel Blade Damper, Add	*117.22*	
23 33 13 13-0111	EA	44" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	428.70	36.84
		For Stainless Steel, Add	*413.35*	
		For Parallel Blade Damper, Add	*127.18*	
23 33 13 13-0112	EA	44" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	459.45	38.82
		For Stainless Steel, Add	*445.74*	
		For Parallel Blade Damper, Add	*137.15*	
23 33 13 13-0113	EA	44" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	513.97	46.63
		For Stainless Steel, Add	*486.30*	
		For Parallel Blade Damper, Add	*149.63*	
23 33 13 13-0114	EA	44" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	556.75	50.47
		For Stainless Steel, Add	*526.76*	
		For Parallel Blade Damper, Add	*162.08*	
23 33 13 13-0115	EA	44" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	630.77	54.32
		For Stainless Steel, Add	*607.83*	
		For Parallel Blade Damper, Add	*187.02*	
23 33 13 13-0116	EA	44" x 28" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	698.54	58.29
		For Stainless Steel, Add	*680.78*	
		For Parallel Blade Damper, Add	*209.47*	
23 33 13 13-0117	EA	44" x 32" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	772.48	62.13
		For Stainless Steel, Add	*761.75*	
		For Parallel Blade Damper, Add	*234.38*	
23 33 13 13-0118	EA	44" x 36" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	834.43	63.99
		For Stainless Steel, Add	*834.70*	
		For Parallel Blade Damper, Add	*256.83*	
23 33 13 13-0119	EA	44" x 40" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	896.38	65.98
		For Stainless Steel, Add	*907.66*	
		For Parallel Blade Damper, Add	*279.28*	
23 33 13 13-0120	EA	44" x 44" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	958.33	67.96
		For Stainless Steel, Add	*980.62*	
		For Parallel Blade Damper, Add	*301.73*	
23 33 13 13-0121	EA	48" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	355.06	31.01
		For Stainless Steel, Add	*340.34*	
		For Parallel Blade Damper, Add	*104.72*	
23 33 13 13-0122	EA	48" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	385.89	32.99
		For Stainless Steel, Add	*372.84*	
		For Parallel Blade Damper, Add	*114.72*	
23 33 13 13-0123	EA	48" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	397.95	34.97
		For Stainless Steel, Add	*380.95*	
		For Parallel Blade Damper, Add	*117.22*	
23 33 13 13-0124	EA	48" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	428.29	38.82
		For Stainless Steel, Add	*405.24*	
		For Parallel Blade Damper, Add	*124.69*	
23 33 13 13-0125	EA	48" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	464.87	42.67
		For Stainless Steel, Add	*437.63*	
		For Parallel Blade Damper, Add	*134.66*	
23 33 13 13-0126	EA	48" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	501.49	46.63
		For Stainless Steel, Add	*470.08*	
		For Parallel Blade Damper, Add	*144.64*	
23 33 13 13-0127	EA	48" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	550.55	50.47
		For Stainless Steel, Add	*518.70*	
		For Parallel Blade Damper, Add	*159.60*	
23 33 13 13-0128	EA	48" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	599.57	54.32
		For Stainless Steel, Add	*567.27*	
		For Parallel Blade Damper, Add	*174.54*	
23 33 13 13-0129	EA	48" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	667.34	58.29
		For Stainless Steel, Add	*640.22*	
		For Parallel Blade Damper, Add	*196.99*	
23 33 13 13-0130	EA	48" x 28" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	747.56	62.13
		For Stainless Steel, Add	*729.35*	
		For Parallel Blade Damper, Add	*224.42*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 13-0131	EA	48" x 32" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	809.56	63.99
		For Stainless Steel, Add	*802.37*	
		For Parallel Blade Damper, Add	*246.88*	
23 33 13 13-0132	EA	48" x 36" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	890.14	65.98
		For Stainless Steel, Add	*899.55*	
		For Parallel Blade Damper, Add	*276.78*	
23 33 13 13-0133	EA	48" x 40" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	957.92	69.82
		For Stainless Steel, Add	*972.50*	
		For Parallel Blade Damper, Add	*299.23*	
23 33 13 13-0134	EA	48" x 44" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,038.55	71.81
		For Stainless Steel, Add	*1,069.74*	
		For Parallel Blade Damper, Add	*329.15*	
23 33 13 13-0135	EA	48" x 48" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,105.91	77.64
		For Stainless Steel, Add	*1,134.59*	
		For Parallel Blade Damper, Add	*349.10*	
23 33 13 13-0136	EA	52" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	379.65	32.99
		For Stainless Steel, Add	*364.73*	
		For Parallel Blade Damper, Add	*112.22*	
23 33 13 13-0137	EA	52" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	410.39	34.97
		For Stainless Steel, Add	*397.12*	
		For Parallel Blade Damper, Add	*122.19*	
23 33 13 13-0138	EA	52" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	446.97	38.82
		For Stainless Steel, Add	*429.52*	
		For Parallel Blade Damper, Add	*132.16*	
23 33 13 13-0139	EA	52" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	464.87	42.67
		For Stainless Steel, Add	*437.63*	
		For Parallel Blade Damper, Add	*134.66*	
23 33 13 13-0140	EA	52" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	504.61	46.63
		For Stainless Steel, Add	*474.14*	
		For Parallel Blade Damper, Add	*145.89*	
23 33 13 13-0141	EA	52" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	544.31	50.47
		For Stainless Steel, Add	*510.59*	
		For Parallel Blade Damper, Add	*157.10*	
23 33 13 13-0142	EA	52" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	593.37	54.32
		For Stainless Steel, Add	*559.21*	
		For Parallel Blade Damper, Add	*172.06*	
23 33 13 13-0143	EA	52" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	642.42	58.29
		For Stainless Steel, Add	*607.83*	
		For Parallel Blade Damper, Add	*187.02*	
23 33 13 13-0144	EA	52" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	710.20	62.13
		For Stainless Steel, Add	*680.78*	
		For Parallel Blade Damper, Add	*209.47*	
23 33 13 13-0145	EA	52" x 28" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	796.62	65.98
		For Stainless Steel, Add	*777.97*	
		For Parallel Blade Damper, Add	*239.38*	
23 33 13 13-0146	EA	52" x 32" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	864.77	67.96
		For Stainless Steel, Add	*858.99*	
		For Parallel Blade Damper, Add	*264.30*	
23 33 13 13-0147	EA	52" x 36" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	951.68	69.82
		For Stainless Steel, Add	*964.39*	
		For Parallel Blade Damper, Add	*296.74*	
23 33 13 13-0148	EA	52" x 40" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,038.10	73.79
		For Stainless Steel, Add	*1,061.58*	
		For Parallel Blade Damper, Add	*326.64*	
23 33 13 13-0149	EA	52" x 44" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,105.91	77.64
		For Stainless Steel, Add	*1,134.59*	
		For Parallel Blade Damper, Add	*349.10*	
23 33 13 13-0150	EA	52" x 48" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,198.19	83.47
		For Stainless Steel, Add	*1,231.83*	
		For Parallel Blade Damper, Add	*379.02*	
23 33 13 13-0151	EA	52" x 52" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,272.22	87.31
		For Stainless Steel, Add	*1,312.91*	
		For Parallel Blade Damper, Add	*403.97*	
23 33 13 13-0152	EA	56" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	397.95	34.97
		For Stainless Steel, Add	*380.95*	
		For Parallel Blade Damper, Add	*117.22*	
23 33 13 13-0153	EA	56" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	440.73	38.82
		For Stainless Steel, Add	*421.41*	
		For Parallel Blade Damper, Add	*129.66*	
23 33 13 13-0154	EA	56" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	471.11	42.67
		For Stainless Steel, Add	*445.74*	
		For Parallel Blade Damper, Add	*137.15*	
23 33 13 13-0155	EA	56" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	488.97	46.63
		For Stainless Steel, Add	*453.80*	
		For Parallel Blade Damper, Add	*139.63*	
23 33 13 13-0156	EA	56" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	534.95	50.47
		For Stainless Steel, Add	*498.42*	
		For Parallel Blade Damper, Add	*153.36*	
23 33 13 13-0157	EA	56" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	580.89	54.32
		For Stainless Steel, Add	*542.98*	
		For Parallel Blade Damper, Add	*167.07*	
23 33 13 13-0158	EA	56" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	626.82	58.29
		For Stainless Steel, Add	*587.55*	
		For Parallel Blade Damper, Add	*180.78*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 13-0159	EA	56" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	672.76	62.13
		For Stainless Steel, Add	*632.11*	
		For Parallel Blade Damper, Add	*194.50*	
23 33 13 13-0160	EA	56" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	759.22	65.98
		For Stainless Steel, Add	*729.35*	
		For Parallel Blade Damper, Add	*224.42*	
23 33 13 13-0161	EA	56" x 28" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	839.89	67.96
		For Stainless Steel, Add	*826.64*	
		For Parallel Blade Damper, Add	*254.35*	
23 33 13 13-0162	EA	56" x 32" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	914.28	69.82
		For Stainless Steel, Add	*915.77*	
		For Parallel Blade Damper, Add	*281.78*	
23 33 13 13-0163	EA	56" x 36" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,013.22	73.79
		For Stainless Steel, Add	*1,029.24*	
		For Parallel Blade Damper, Add	*316.69*	
23 33 13 13-0164	EA	56" x 40" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,099.67	77.64
		For Stainless Steel, Add	*1,126.48*	
		For Parallel Blade Damper, Add	*346.61*	
23 33 13 13-0165	EA	56" x 44" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,192.36	81.48
		For Stainless Steel, Add	*1,231.83*	
		For Parallel Blade Damper, Add	*379.02*	
23 33 13 13-0166	EA	56" x 48" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,266.39	85.45
		For Stainless Steel, Add	*1,312.91*	
		For Parallel Blade Damper, Add	*403.97*	
23 33 13 13-0167	EA	56" x 52" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,359.09	89.30
		For Stainless Steel, Add	*1,418.26*	
		For Parallel Blade Damper, Add	*436.39*	
23 33 13 13-0168	EA	56" x 56" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,451.79	93.14
		For Stainless Steel, Add	*1,523.61*	
		For Parallel Blade Damper, Add	*468.80*	
23 33 13 13-0169	EA	60" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	428.29	38.82
		For Stainless Steel, Add	*405.24*	
		For Parallel Blade Damper, Add	*124.69*	
23 33 13 13-0170	EA	60" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	471.11	42.67
		For Stainless Steel, Add	*445.74*	
		For Parallel Blade Damper, Add	*137.15*	
23 33 13 13-0171	EA	60" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	495.21	46.63
		For Stainless Steel, Add	*461.92*	
		For Parallel Blade Damper, Add	*142.13*	
23 33 13 13-0172	EA	60" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	513.15	50.47
		For Stainless Steel, Add	*470.08*	
		For Parallel Blade Damper, Add	*144.64*	
23 33 13 13-0173	EA	60" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	562.21	54.32
		For Stainless Steel, Add	*518.70*	
		For Parallel Blade Damper, Add	*159.60*	
23 33 13 13-0174	EA	60" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	611.22	58.29
		For Stainless Steel, Add	*567.27*	
		For Parallel Blade Damper, Add	*174.54*	
23 33 13 13-0175	EA	60" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	663.40	62.13
		For Stainless Steel, Add	*619.94*	
		For Parallel Blade Damper, Add	*190.75*	
23 33 13 13-0176	EA	60" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	715.58	65.98
		For Stainless Steel, Add	*672.62*	
		For Parallel Blade Damper, Add	*206.96*	
23 33 13 13-0177	EA	60" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	802.45	67.96
		For Stainless Steel, Add	*777.97*	
		For Parallel Blade Damper, Add	*239.38*	
23 33 13 13-0178	EA	60" x 28" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	883.08	69.82
		For Stainless Steel, Add	*875.21*	
		For Parallel Blade Damper, Add	*269.30*	
23 33 13 13-0179	EA	60" x 32" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	975.82	73.79
		For Stainless Steel, Add	*980.62*	
		For Parallel Blade Damper, Add	*301.73*	
23 33 13 13-0180	EA	60" x 36" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,068.51	77.64
		For Stainless Steel, Add	*1,085.97*	
		For Parallel Blade Damper, Add	*334.14*	
23 33 13 13-0181	EA	60" x 40" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,142.48	81.48
		For Stainless Steel, Add	*1,166.98*	
		For Parallel Blade Damper, Add	*359.07*	
23 33 13 13-0182	EA	60" x 44" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,253.86	85.45
		For Stainless Steel, Add	*1,296.62*	
		For Parallel Blade Damper, Add	*398.96*	
23 33 13 13-0183	EA	60" x 48" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,352.80	89.30
		For Stainless Steel, Add	*1,410.08*	
		For Parallel Blade Damper, Add	*433.87*	
23 33 13 13-0184	EA	60" x 52" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,451.79	93.14
		For Stainless Steel, Add	*1,523.61*	
		For Parallel Blade Damper, Add	*468.80*	
23 33 13 13-0185	EA	60" x 56" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,538.16	97.11
		For Stainless Steel, Add	*1,620.74*	
		For Parallel Blade Damper, Add	*498.69*	
23 33 13 13-0186	EA	60" x 60" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,624.70	100.96
		For Stainless Steel, Add	*1,718.09*	
		For Parallel Blade Damper, Add	*528.64*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16		**Fire Dampers** *(23 33 13)*		
23 33 13 16-0001		Fire Dampers *(23 33 13 16)*		
23 33 13 16-0002	SF	Curtain Type, Vertical, Fire Damper	139.10	12.59
		For Smoke Damper, Add	*86.03*	
		For Spring Activated Horizontal Mount Operation, Add	*22.77*	
		For Dynamic Damper, Add	*54.65*	
		For 3 Hour Rated, Add	*30.36*	
23 33 13 16-0003	SF	Louver Type, Vertical, Fire Damper	194.31	12.59
		For Smoke Damper, Add	*132.96*	
		For Spring Activated Horizontal Mount Operation, Add	*35.19*	
		For Dynamic Damper, Add	*84.47*	
		For 3 Hour Rated, Add	*46.93*	
23 33 13 16-0004		Folding Curtain Fire Dampers *(23 33 13 16)* Note: UL Listed. Air stream 22 gauge galvanized steel construction with fusible link 160 F, gravity actuated for vertical mount 1-1/2 hour fire rating. Damper blades and damper frame are in the air stream.		
23 33 13 16-0005	EA	6" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	68.67	12.94
		For Spring Activated Horizontal Mount Operation, Add	*6.72*	
		For Dynamic Damper, Add	*16.12*	
		For 3 Hour Rated, Add	*8.96*	
		For Cap Of Damper Blades Outside Air Stream, Add	*7.46*	
23 33 13 16-0006	EA	8" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	72.53	13.52
		For Spring Activated Horizontal Mount Operation, Add	*7.19*	
		For Dynamic Damper, Add	*17.26*	
		For 3 Hour Rated, Add	*9.59*	
		For Cap Of Damper Blades Outside Air Stream, Add	*7.99*	
23 33 13 16-0007	EA	8" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	74.90	13.64
		For Spring Activated Horizontal Mount Operation, Add	*7.67*	
		For Dynamic Damper, Add	*18.41*	
		For 3 Hour Rated, Add	*10.23*	
		For Cap Of Damper Blades Outside Air Stream, Add	*8.53*	
23 33 13 16-0008	EA	10" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	74.90	13.64
		For Spring Activated Horizontal Mount Operation, Add	*7.67*	
		For Dynamic Damper, Add	*18.41*	
		For 3 Hour Rated, Add	*10.23*	
		For Cap Of Damper Blades Outside Air Stream, Add	*8.53*	
23 33 13 16-0009	EA	10" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	78.20	13.99
		For Spring Activated Horizontal Mount Operation, Add	*8.15*	
		For Dynamic Damper, Add	*19.56*	
		For 3 Hour Rated, Add	*10.87*	
		For Cap Of Damper Blades Outside Air Stream, Add	*9.06*	
23 33 13 16-0010	EA	10" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	87.12	15.51
		For Spring Activated Horizontal Mount Operation, Add	*9.11*	
		For Dynamic Damper, Add	*21.86*	
		For 3 Hour Rated, Add	*12.15*	
		For Cap Of Damper Blades Outside Air Stream, Add	*10.12*	
23 33 13 16-0011	EA	12" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	78.20	13.99
		For Spring Activated Horizontal Mount Operation, Add	*8.15*	
		For Dynamic Damper, Add	*19.56*	
		For 3 Hour Rated, Add	*10.87*	
		For Cap Of Damper Blades Outside Air Stream, Add	*9.06*	
23 33 13 16-0012	EA	12" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	84.79	14.80
		For Spring Activated Horizontal Mount Operation, Add	*9.11*	
		For Dynamic Damper, Add	*21.86*	
		For 3 Hour Rated, Add	*12.15*	
		For Cap Of Damper Blades Outside Air Stream, Add	*10.12*	
23 33 13 16-0013	EA	12" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	89.25	15.51
		For Spring Activated Horizontal Mount Operation, Add	*9.59*	
		For Dynamic Damper, Add	*23.01*	
		For 3 Hour Rated, Add	*12.79*	
		For Cap Of Damper Blades Outside Air Stream, Add	*10.66*	
23 33 13 16-0014	EA	12" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	97.22	17.49
		For Spring Activated Horizontal Mount Operation, Add	*10.07*	
		For Dynamic Damper, Add	*24.17*	
		For 3 Hour Rated, Add	*13.43*	
		For Cap Of Damper Blades Outside Air Stream, Add	*11.19*	
23 33 13 16-0015	EA	14" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	83.73	14.80
		For Spring Activated Horizontal Mount Operation, Add	*8.87*	
		For Dynamic Damper, Add	*21.29*	
		For 3 Hour Rated, Add	*11.83*	
		For Cap Of Damper Blades Outside Air Stream, Add	*9.86*	
23 33 13 16-0016	EA	14" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	89.25	15.51
		For Spring Activated Horizontal Mount Operation, Add	*9.59*	
		For Dynamic Damper, Add	*23.01*	
		For 3 Hour Rated, Add	*12.79*	
		For Cap Of Damper Blades Outside Air Stream, Add	*10.66*	
23 33 13 16-0017	EA	14" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	93.72	16.32
		For Spring Activated Horizontal Mount Operation, Add	*10.07*	
		For Dynamic Damper, Add	*24.17*	
		For 3 Hour Rated, Add	*13.43*	
		For Cap Of Damper Blades Outside Air Stream, Add	*11.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0018	EA	14" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	99.36	17.49
		For Spring Activated Horizontal Mount Operation, Add	*10.55*	
		For Dynamic Damper, Add	*25.33*	
		For 3 Hour Rated, Add	*14.07*	
		For Cap Of Damper Blades Outside Air Stream, Add	*11.73*	
23 33 13 16-0019	EA	14" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	110.52	19.47
		For Spring Activated Horizontal Mount Operation, Add	*11.75*	
		For Dynamic Damper, Add	*28.20*	
		For 3 Hour Rated, Add	*15.67*	
		For Cap Of Damper Blades Outside Air Stream, Add	*13.06*	
23 33 13 16-0020	EA	16" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	89.25	15.51
		For Spring Activated Horizontal Mount Operation, Add	*9.59*	
		For Dynamic Damper, Add	*23.01*	
		For 3 Hour Rated, Add	*12.79*	
		For Cap Of Damper Blades Outside Air Stream, Add	*10.66*	
23 33 13 16-0021	EA	16" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	94.89	16.67
		For Spring Activated Horizontal Mount Operation, Add	*10.07*	
		For Dynamic Damper, Add	*24.17*	
		For 3 Hour Rated, Add	*13.43*	
		For Cap Of Damper Blades Outside Air Stream, Add	*11.19*	
23 33 13 16-0022	EA	16" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	101.69	18.30
		For Spring Activated Horizontal Mount Operation, Add	*10.55*	
		For Dynamic Damper, Add	*25.33*	
		For 3 Hour Rated, Add	*14.07*	
		For Cap Of Damper Blades Outside Air Stream, Add	*11.73*	
23 33 13 16-0023	EA	16" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	107.30	19.47
		For Spring Activated Horizontal Mount Operation, Add	*11.03*	
		For Dynamic Damper, Add	*26.47*	
		For 3 Hour Rated, Add	*14.70*	
		For Cap Of Damper Blades Outside Air Stream, Add	*12.25*	
23 33 13 16-0024	EA	16" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	118.48	21.33
		For Spring Activated Horizontal Mount Operation, Add	*12.23*	
		For Dynamic Damper, Add	*29.35*	
		For 3 Hour Rated, Add	*16.31*	
		For Cap Of Damper Blades Outside Air Stream, Add	*13.59*	
23 33 13 16-0025	EA	16" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	129.64	23.32
		For Spring Activated Horizontal Mount Operation, Add	*13.43*	
		For Dynamic Damper, Add	*32.23*	
		For 3 Hour Rated, Add	*17.91*	
		For Cap Of Damper Blades Outside Air Stream, Add	*14.92*	
23 33 13 16-0026	EA	18" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	93.72	16.32
		For Spring Activated Horizontal Mount Operation, Add	*10.07*	
		For Dynamic Damper, Add	*24.17*	
		For 3 Hour Rated, Add	*13.43*	
		For Cap Of Damper Blades Outside Air Stream, Add	*11.19*	
23 33 13 16-0027	EA	18" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	100.41	17.49
		For Spring Activated Horizontal Mount Operation, Add	*10.79*	
		For Dynamic Damper, Add	*25.89*	
		For 3 Hour Rated, Add	*14.39*	
		For Cap Of Damper Blades Outside Air Stream, Add	*11.99*	
23 33 13 16-0028	EA	18" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	109.46	19.47
		For Spring Activated Horizontal Mount Operation, Add	*11.51*	
		For Dynamic Damper, Add	*27.63*	
		For 3 Hour Rated, Add	*15.35*	
		For Cap Of Damper Blades Outside Air Stream, Add	*12.79*	
23 33 13 16-0029	EA	18" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	120.62	21.33
		For Spring Activated Horizontal Mount Operation, Add	*12.71*	
		For Dynamic Damper, Add	*30.51*	
		For 3 Hour Rated, Add	*16.95*	
		For Cap Of Damper Blades Outside Air Stream, Add	*14.13*	
23 33 13 16-0030	EA	18" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	130.70	23.32
		For Spring Activated Horizontal Mount Operation, Add	*13.67*	
		For Dynamic Damper, Add	*32.81*	
		For 3 Hour Rated, Add	*18.23*	
		For Cap Of Damper Blades Outside Air Stream, Add	*15.19*	
23 33 13 16-0031	EA	18" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	141.85	25.18
		For Spring Activated Horizontal Mount Operation, Add	*14.87*	
		For Dynamic Damper, Add	*35.68*	
		For 3 Hour Rated, Add	*19.82*	
		For Cap Of Damper Blades Outside Air Stream, Add	*16.52*	
23 33 13 16-0032	EA	18" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	150.88	27.16
		For Spring Activated Horizontal Mount Operation, Add	*15.59*	
		For Dynamic Damper, Add	*37.41*	
		For 3 Hour Rated, Add	*20.78*	
		For Cap Of Damper Blades Outside Air Stream, Add	*17.32*	
23 33 13 16-0033	EA	20" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	99.36	17.49
		For Spring Activated Horizontal Mount Operation, Add	*10.55*	
		For Dynamic Damper, Add	*25.33*	
		For 3 Hour Rated, Add	*14.07*	
		For Cap Of Damper Blades Outside Air Stream, Add	*11.73*	
23 33 13 16-0034	EA	20" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	109.44	19.47
		For Spring Activated Horizontal Mount Operation, Add	*11.51*	
		For Dynamic Damper, Add	*27.62*	
		For 3 Hour Rated, Add	*15.35*	
		For Cap Of Damper Blades Outside Air Stream, Add	*12.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0035	EA	20" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	119.54	21.33
		For Spring Activated Horizontal Mount Operation, Add	*12.47*	
		For Dynamic Damper, Add	*29.93*	
		For 3 Hour Rated, Add	*16.63*	
		For Cap Of Damper Blades Outside Air Stream, Add	*13.86*	
23 33 13 16-0036	EA	20" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	133.91	23.32
		For Spring Activated Horizontal Mount Operation, Add	*14.39*	
		For Dynamic Damper, Add	*34.54*	
		For 3 Hour Rated, Add	*19.19*	
		For Cap Of Damper Blades Outside Air Stream, Add	*15.99*	
23 33 13 16-0037	EA	20" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	142.93	25.18
		For Spring Activated Horizontal Mount Operation, Add	*15.11*	
		For Dynamic Damper, Add	*36.27*	
		For 3 Hour Rated, Add	*20.15*	
		For Cap Of Damper Blades Outside Air Stream, Add	*16.79*	
23 33 13 16-0038	EA	20" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	151.95	27.16
		For Spring Activated Horizontal Mount Operation, Add	*15.83*	
		For Dynamic Damper, Add	*37.99*	
		For 3 Hour Rated, Add	*21.11*	
		For Cap Of Damper Blades Outside Air Stream, Add	*17.59*	
23 33 13 16-0039	EA	20" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	162.04	29.15
		For Spring Activated Horizontal Mount Operation, Add	*16.79*	
		For Dynamic Damper, Add	*40.29*	
		For 3 Hour Rated, Add	*22.38*	
		For Cap Of Damper Blades Outside Air Stream, Add	*18.65*	
23 33 13 16-0040	EA	20" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	172.12	31.01
		For Spring Activated Horizontal Mount Operation, Add	*17.74*	
		For Dynamic Damper, Add	*42.58*	
		For 3 Hour Rated, Add	*23.66*	
		For Cap Of Damper Blades Outside Air Stream, Add	*19.72*	
23 33 13 16-0041	EA	24" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	111.57	19.47
		For Spring Activated Horizontal Mount Operation, Add	*11.99*	
		For Dynamic Damper, Add	*28.77*	
		For 3 Hour Rated, Add	*15.98*	
		For Cap Of Damper Blades Outside Air Stream, Add	*13.32*	
23 33 13 16-0042	EA	24" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	123.81	21.33
		For Spring Activated Horizontal Mount Operation, Add	*13.43*	
		For Dynamic Damper, Add	*32.23*	
		For 3 Hour Rated, Add	*17.91*	
		For Cap Of Damper Blades Outside Air Stream, Add	*14.92*	
23 33 13 16-0043	EA	24" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	133.91	23.32
		For Spring Activated Horizontal Mount Operation, Add	*14.39*	
		For Dynamic Damper, Add	*34.54*	
		For 3 Hour Rated, Add	*19.19*	
		For Cap Of Damper Blades Outside Air Stream, Add	*15.99*	
23 33 13 16-0044	EA	24" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	146.12	25.18
		For Spring Activated Horizontal Mount Operation, Add	*15.83*	
		For Dynamic Damper, Add	*37.99*	
		For 3 Hour Rated, Add	*21.11*	
		For Cap Of Damper Blades Outside Air Stream, Add	*17.59*	
23 33 13 16-0045	EA	24" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	155.15	27.16
		For Spring Activated Horizontal Mount Operation, Add	*16.55*	
		For Dynamic Damper, Add	*39.72*	
		For 3 Hour Rated, Add	*22.07*	
		For Cap Of Damper Blades Outside Air Stream, Add	*18.39*	
23 33 13 16-0046	EA	24" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	164.17	29.15
		For Spring Activated Horizontal Mount Operation, Add	*17.27*	
		For Dynamic Damper, Add	*41.44*	
		For 3 Hour Rated, Add	*23.02*	
		For Cap Of Damper Blades Outside Air Stream, Add	*19.19*	
23 33 13 16-0047	EA	24" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	176.39	31.01
		For Spring Activated Horizontal Mount Operation, Add	*18.70*	
		For Dynamic Damper, Add	*44.89*	
		For 3 Hour Rated, Add	*24.94*	
		For Cap Of Damper Blades Outside Air Stream, Add	*20.78*	
23 33 13 16-0048	EA	24" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	194.43	34.97
		For Spring Activated Horizontal Mount Operation, Add	*20.14*	
		For Dynamic Damper, Add	*48.34*	
		For 3 Hour Rated, Add	*26.86*	
		For Cap Of Damper Blades Outside Air Stream, Add	*22.38*	
23 33 13 16-0049	EA	24" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	214.63	38.82
		For Spring Activated Horizontal Mount Operation, Add	*22.06*	
		For Dynamic Damper, Add	*52.95*	
		For 3 Hour Rated, Add	*29.42*	
		For Cap Of Damper Blades Outside Air Stream, Add	*24.52*	
23 33 13 16-0050	EA	28" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	123.81	21.33
		For Spring Activated Horizontal Mount Operation, Add	*13.43*	
		For Dynamic Damper, Add	*32.23*	
		For 3 Hour Rated, Add	*17.91*	
		For Cap Of Damper Blades Outside Air Stream, Add	*14.92*	
23 33 13 16-0051	EA	28" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	133.91	23.32
		For Spring Activated Horizontal Mount Operation, Add	*14.39*	
		For Dynamic Damper, Add	*34.54*	
		For 3 Hour Rated, Add	*19.19*	
		For Cap Of Damper Blades Outside Air Stream, Add	*15.99*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0052	EA	28" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	146.12	25.18
		For Spring Activated Horizontal Mount Operation, Add	*15.83*	
		For Dynamic Damper, Add	*37.99*	
		For 3 Hour Rated, Add	*21.11*	
		For Cap Of Damper Blades Outside Air Stream, Add	*17.59*	
23 33 13 16-0053	EA	28" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	156.21	27.16
		For Spring Activated Horizontal Mount Operation, Add	*16.79*	
		For Dynamic Damper, Add	*40.29*	
		For 3 Hour Rated, Add	*22.38*	
		For Cap Of Damper Blades Outside Air Stream, Add	*18.65*	
23 33 13 16-0054	EA	28" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	167.37	29.15
		For Spring Activated Horizontal Mount Operation, Add	*17.99*	
		For Dynamic Damper, Add	*43.17*	
		For 3 Hour Rated, Add	*23.98*	
		For Cap Of Damper Blades Outside Air Stream, Add	*19.99*	
23 33 13 16-0055	EA	28" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	178.51	31.01
		For Spring Activated Horizontal Mount Operation, Add	*19.18*	
		For Dynamic Damper, Add	*46.04*	
		For 3 Hour Rated, Add	*25.58*	
		For Cap Of Damper Blades Outside Air Stream, Add	*21.31*	
23 33 13 16-0056	EA	28" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	196.56	34.97
		For Spring Activated Horizontal Mount Operation, Add	*20.62*	
		For Dynamic Damper, Add	*49.49*	
		For 3 Hour Rated, Add	*27.50*	
		For Cap Of Damper Blades Outside Air Stream, Add	*22.91*	
23 33 13 16-0057	EA	28" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	214.63	38.82
		For Spring Activated Horizontal Mount Operation, Add	*22.06*	
		For Dynamic Damper, Add	*52.95*	
		For 3 Hour Rated, Add	*29.42*	
		For Cap Of Damper Blades Outside Air Stream, Add	*24.52*	
23 33 13 16-0058	EA	28" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	233.24	40.80
		For Spring Activated Horizontal Mount Operation, Add	*24.94*	
		For Dynamic Damper, Add	*59.85*	
		For 3 Hour Rated, Add	*33.25*	
		For Cap Of Damper Blades Outside Air Stream, Add	*27.71*	
23 33 13 16-0059	EA	28" x 28" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	255.56	44.64
		For Spring Activated Horizontal Mount Operation, Add	*27.34*	
		For Dynamic Damper, Add	*65.61*	
		For 3 Hour Rated, Add	*36.45*	
		For Cap Of Damper Blades Outside Air Stream, Add	*30.38*	
23 33 13 16-0060	EA	32" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	140.30	23.32
		For Spring Activated Horizontal Mount Operation, Add	*15.83*	
		For Dynamic Damper, Add	*37.99*	
		For 3 Hour Rated, Add	*21.11*	
		For Cap Of Damper Blades Outside Air Stream, Add	*17.59*	
23 33 13 16-0061	EA	32" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	148.24	25.18
		For Spring Activated Horizontal Mount Operation, Add	*16.31*	
		For Dynamic Damper, Add	*39.13*	
		For 3 Hour Rated, Add	*21.74*	
		For Cap Of Damper Blades Outside Air Stream, Add	*18.12*	
23 33 13 16-0062	EA	32" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	156.21	27.16
		For Spring Activated Horizontal Mount Operation, Add	*16.79*	
		For Dynamic Damper, Add	*40.29*	
		For 3 Hour Rated, Add	*22.38*	
		For Cap Of Damper Blades Outside Air Stream, Add	*18.65*	
23 33 13 16-0063	EA	32" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	166.29	29.15
		For Spring Activated Horizontal Mount Operation, Add	*17.74*	
		For Dynamic Damper, Add	*42.58*	
		For 3 Hour Rated, Add	*23.66*	
		For Cap Of Damper Blades Outside Air Stream, Add	*19.72*	
23 33 13 16-0064	EA	32" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	178.92	31.01
		For Spring Activated Horizontal Mount Operation, Add	*19.27*	
		For Dynamic Damper, Add	*46.26*	
		For 3 Hour Rated, Add	*25.70*	
		For Cap Of Damper Blades Outside Air Stream, Add	*21.42*	
23 33 13 16-0065	EA	32" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	196.56	34.97
		For Spring Activated Horizontal Mount Operation, Add	*20.62*	
		For Dynamic Damper, Add	*49.49*	
		For 3 Hour Rated, Add	*27.50*	
		For Cap Of Damper Blades Outside Air Stream, Add	*22.91*	
23 33 13 16-0066	EA	32" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	216.77	38.82
		For Spring Activated Horizontal Mount Operation, Add	*22.55*	
		For Dynamic Damper, Add	*54.11*	
		For 3 Hour Rated, Add	*30.06*	
		For Cap Of Damper Blades Outside Air Stream, Add	*25.05*	
23 33 13 16-0067	EA	32" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	236.95	42.67
		For Spring Activated Horizontal Mount Operation, Add	*24.46*	
		For Dynamic Damper, Add	*58.71*	
		For 3 Hour Rated, Add	*32.62*	
		For Cap Of Damper Blades Outside Air Stream, Add	*27.18*	
23 33 13 16-0068	EA	32" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	255.56	44.64
		For Spring Activated Horizontal Mount Operation, Add	*27.34*	
		For Dynamic Damper, Add	*65.61*	
		For 3 Hour Rated, Add	*36.45*	
		For Cap Of Damper Blades Outside Air Stream, Add	*30.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0069	EA	32" x 28" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	279.81	47.79
		For Spring Activated Horizontal Mount Operation, Add	*30.70*	
		For Dynamic Damper, Add	*73.67*	
		For 3 Hour Rated, Add	*40.93*	
		For Cap Of Damper Blades Outside Air Stream, Add	*34.11*	
23 33 13 16-0070	EA	32" x 32" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	305.03	50.47
		For Spring Activated Horizontal Mount Operation, Add	*34.53*	
		For Dynamic Damper, Add	*82.88*	
		For 3 Hour Rated, Add	*46.04*	
		For Cap Of Damper Blades Outside Air Stream, Add	*38.37*	
23 33 13 16-0071	EA	36" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	152.51	25.18
		For Spring Activated Horizontal Mount Operation, Add	*17.27*	
		For Dynamic Damper, Add	*41.44*	
		For 3 Hour Rated, Add	*23.02*	
		For Cap Of Damper Blades Outside Air Stream, Add	*19.19*	
23 33 13 16-0072	EA	36" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	162.59	27.16
		For Spring Activated Horizontal Mount Operation, Add	*18.22*	
		For Dynamic Damper, Add	*43.73*	
		For 3 Hour Rated, Add	*24.30*	
		For Cap Of Damper Blades Outside Air Stream, Add	*20.25*	
23 33 13 16-0073	EA	36" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	172.68	29.15
		For Spring Activated Horizontal Mount Operation, Add	*19.18*	
		For Dynamic Damper, Add	*46.04*	
		For 3 Hour Rated, Add	*25.58*	
		For Cap Of Damper Blades Outside Air Stream, Add	*21.31*	
23 33 13 16-0074	EA	36" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	184.91	31.01
		For Spring Activated Horizontal Mount Operation, Add	*20.62*	
		For Dynamic Damper, Add	*49.49*	
		For 3 Hour Rated, Add	*27.50*	
		For Cap Of Damper Blades Outside Air Stream, Add	*22.91*	
23 33 13 16-0075	EA	36" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	199.78	34.97
		For Spring Activated Horizontal Mount Operation, Add	*21.35*	
		For Dynamic Damper, Add	*51.23*	
		For 3 Hour Rated, Add	*28.46*	
		For Cap Of Damper Blades Outside Air Stream, Add	*23.72*	
23 33 13 16-0076	EA	36" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	208.80	36.84
		For Spring Activated Horizontal Mount Operation, Add	*22.06*	
		For Dynamic Damper, Add	*52.95*	
		For 3 Hour Rated, Add	*29.42*	
		For Cap Of Damper Blades Outside Air Stream, Add	*24.52*	
23 33 13 16-0077	EA	36" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	236.95	42.67
		For Spring Activated Horizontal Mount Operation, Add	*24.46*	
		For Dynamic Damper, Add	*58.71*	
		For 3 Hour Rated, Add	*32.62*	
		For Cap Of Damper Blades Outside Air Stream, Add	*27.18*	
23 33 13 16-0078	EA	36" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	259.25	46.63
		For Spring Activated Horizontal Mount Operation, Add	*26.86*	
		For Dynamic Damper, Add	*64.45*	
		For 3 Hour Rated, Add	*35.81*	
		For Cap Of Damper Blades Outside Air Stream, Add	*29.84*	
23 33 13 16-0079	EA	36" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	220.07	48.15
		For Spring Activated Horizontal Mount Operation, Add	*16.99*	
		For Dynamic Damper, Add	*40.78*	
		For 3 Hour Rated, Add	*22.66*	
		For Cap Of Damper Blades Outside Air Stream, Add	*18.88*	
23 33 13 16-0080	EA	36" x 28" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	304.25	51.64
		For Spring Activated Horizontal Mount Operation, Add	*33.57*	
		For Dynamic Damper, Add	*80.57*	
		For 3 Hour Rated, Add	*44.76*	
		For Cap Of Damper Blades Outside Air Stream, Add	*37.30*	
23 33 13 16-0081	EA	36" x 32" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	327.33	54.32
		For Spring Activated Horizontal Mount Operation, Add	*36.93*	
		For Dynamic Damper, Add	*88.62*	
		For 3 Hour Rated, Add	*49.24*	
		For Cap Of Damper Blades Outside Air Stream, Add	*41.03*	
23 33 13 16-0082	EA	36" x 36" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	350.20	56.30
		For Spring Activated Horizontal Mount Operation, Add	*40.76*	
		For Dynamic Damper, Add	*97.83*	
		For 3 Hour Rated, Add	*54.35*	
		For Cap Of Damper Blades Outside Air Stream, Add	*45.29*	
23 33 13 16-0083	EA	40" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	160.46	29.15
		For Spring Activated Horizontal Mount Operation, Add	*17.74*	
		For Dynamic Damper, Add	*42.58*	
		For 3 Hour Rated, Add	*23.66*	
		For Cap Of Damper Blades Outside Air Stream, Add	*19.72*	
23 33 13 16-0084	EA	40" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	174.81	31.01
		For Spring Activated Horizontal Mount Operation, Add	*19.66*	
		For Dynamic Damper, Add	*47.19*	
		For 3 Hour Rated, Add	*26.21*	
		For Cap Of Damper Blades Outside Air Stream, Add	*21.85*	
23 33 13 16-0085	EA	40" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	182.78	32.99
		For Spring Activated Horizontal Mount Operation, Add	*20.14*	
		For Dynamic Damper, Add	*48.34*	
		For 3 Hour Rated, Add	*26.86*	
		For Cap Of Damper Blades Outside Air Stream, Add	*22.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0086	EA	40" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	190.74	34.97
		For Spring Activated Horizontal Mount Operation, Add	*20.62*	
		For Dynamic Damper, Add	*49.49*	
		For 3 Hour Rated, Add	*27.50*	
		For Cap Of Damper Blades Outside Air Stream, Add	*22.91*	
23 33 13 16-0087	EA	40" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	209.86	36.84
		For Spring Activated Horizontal Mount Operation, Add	*22.30*	
		For Dynamic Damper, Add	*53.52*	
		For 3 Hour Rated, Add	*29.74*	
		For Cap Of Damper Blades Outside Air Stream, Add	*24.78*	
23 33 13 16-0088	EA	40" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	223.16	38.82
		For Spring Activated Horizontal Mount Operation, Add	*23.98*	
		For Dynamic Damper, Add	*57.56*	
		For 3 Hour Rated, Add	*31.98*	
		For Cap Of Damper Blades Outside Air Stream, Add	*26.65*	
23 33 13 16-0089	EA	40" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	249.17	44.64
		For Spring Activated Horizontal Mount Operation, Add	*25.90*	
		For Dynamic Damper, Add	*62.16*	
		For 3 Hour Rated, Add	*34.53*	
		For Cap Of Damper Blades Outside Air Stream, Add	*28.78*	
23 33 13 16-0090	EA	40" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	269.36	48.50
		For Spring Activated Horizontal Mount Operation, Add	*27.82*	
		For Dynamic Damper, Add	*66.77*	
		For 3 Hour Rated, Add	*37.09*	
		For Cap Of Damper Blades Outside Air Stream, Add	*30.91*	
23 33 13 16-0091	EA	40" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	291.47	51.64
		For Spring Activated Horizontal Mount Operation, Add	*30.70*	
		For Dynamic Damper, Add	*73.67*	
		For 3 Hour Rated, Add	*40.93*	
		For Cap Of Damper Blades Outside Air Stream, Add	*34.11*	
23 33 13 16-0092	EA	40" x 28" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	323.08	54.32
		For Spring Activated Horizontal Mount Operation, Add	*35.97*	
		For Dynamic Damper, Add	*86.33*	
		For 3 Hour Rated, Add	*47.96*	
		For Cap Of Damper Blades Outside Air Stream, Add	*39.97*	
23 33 13 16-0093	EA	40" x 32" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	345.18	57.47
		For Spring Activated Horizontal Mount Operation, Add	*38.85*	
		For Dynamic Damper, Add	*93.23*	
		For 3 Hour Rated, Add	*51.80*	
		For Cap Of Damper Blades Outside Air Stream, Add	*43.16*	
23 33 13 16-0094	EA	40" x 36" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	373.30	58.99
		For Spring Activated Horizontal Mount Operation, Add	*44.12*	
		For Dynamic Damper, Add	*105.90*	
		For 3 Hour Rated, Add	*58.83*	
		For Cap Of Damper Blades Outside Air Stream, Add	*49.03*	
23 33 13 16-0095	EA	40" x 40" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	403.95	62.13
		For Spring Activated Horizontal Mount Operation, Add	*48.92*	
		For Dynamic Damper, Add	*117.41*	
		For 3 Hour Rated, Add	*65.23*	
		For Cap Of Damper Blades Outside Air Stream, Add	*54.36*	
23 33 13 16-0096	EA	44" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	170.56	29.15
		For Spring Activated Horizontal Mount Operation, Add	*18.70*	
		For Dynamic Damper, Add	*44.89*	
		For 3 Hour Rated, Add	*24.94*	
		For Cap Of Damper Blades Outside Air Stream, Add	*20.78*	
23 33 13 16-0097	EA	44" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	184.91	31.01
		For Spring Activated Horizontal Mount Operation, Add	*20.62*	
		For Dynamic Damper, Add	*49.49*	
		For 3 Hour Rated, Add	*27.50*	
		For Cap Of Damper Blades Outside Air Stream, Add	*22.91*	
23 33 13 16-0098	EA	44" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	197.15	32.99
		For Spring Activated Horizontal Mount Operation, Add	*22.06*	
		For Dynamic Damper, Add	*52.95*	
		For 3 Hour Rated, Add	*29.42*	
		For Cap Of Damper Blades Outside Air Stream, Add	*24.52*	
23 33 13 16-0099	EA	44" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	205.11	34.97
		For Spring Activated Horizontal Mount Operation, Add	*22.55*	
		For Dynamic Damper, Add	*54.11*	
		For 3 Hour Rated, Add	*30.06*	
		For Cap Of Damper Blades Outside Air Stream, Add	*25.05*	
23 33 13 16-0100	EA	44" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	219.46	36.84
		For Spring Activated Horizontal Mount Operation, Add	*24.46*	
		For Dynamic Damper, Add	*58.71*	
		For 3 Hour Rated, Add	*32.62*	
		For Cap Of Damper Blades Outside Air Stream, Add	*27.18*	
23 33 13 16-0101	EA	44" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	233.82	38.82
		For Spring Activated Horizontal Mount Operation, Add	*26.38*	
		For Dynamic Damper, Add	*63.32*	
		For 3 Hour Rated, Add	*35.18*	
		For Cap Of Damper Blades Outside Air Stream, Add	*29.31*	
23 33 13 16-0102	EA	44" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	267.80	46.63
		For Spring Activated Horizontal Mount Operation, Add	*28.78*	
		For Dynamic Damper, Add	*69.07*	
		For 3 Hour Rated, Add	*38.37*	
		For Cap Of Damper Blades Outside Air Stream, Add	*31.98*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0103	EA	44" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	290.10	50.47
		For Spring Activated Horizontal Mount Operation, Add	*31.17*	
		For Dynamic Damper, Add	*74.82*	
		For 3 Hour Rated, Add	*41.57*	
		For Cap Of Damper Blades Outside Air Stream, Add	*34.64*	
23 33 13 16-0104	EA	44" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	323.08	54.32
		For Spring Activated Horizontal Mount Operation, Add	*35.97*	
		For Dynamic Damper, Add	*86.33*	
		For 3 Hour Rated, Add	*47.96*	
		For Cap Of Damper Blades Outside Air Stream, Add	*39.97*	
23 33 13 16-0105	EA	44" x 28" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	353.92	58.29
		For Spring Activated Horizontal Mount Operation, Add	*40.29*	
		For Dynamic Damper, Add	*96.69*	
		For 3 Hour Rated, Add	*53.72*	
		For Cap Of Damper Blades Outside Air Stream, Add	*44.77*	
23 33 13 16-0106	EA	44" x 32" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	386.88	62.13
		For Spring Activated Horizontal Mount Operation, Add	*45.08*	
		For Dynamic Damper, Add	*108.19*	
		For 3 Hour Rated, Add	*60.11*	
		For Cap Of Damper Blades Outside Air Stream, Add	*50.09*	
23 33 13 16-0107	EA	44" x 36" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	411.89	63.99
		For Spring Activated Horizontal Mount Operation, Add	*49.40*	
		For Dynamic Damper, Add	*118.55*	
		For 3 Hour Rated, Add	*65.86*	
		For Cap Of Damper Blades Outside Air Stream, Add	*54.89*	
23 33 13 16-0108	EA	44" x 40" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	436.91	65.98
		For Spring Activated Horizontal Mount Operation, Add	*53.71*	
		For Dynamic Damper, Add	*128.91*	
		For 3 Hour Rated, Add	*71.62*	
		For Cap Of Damper Blades Outside Air Stream, Add	*59.68*	
23 33 13 16-0109	EA	44" x 44" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	461.94	67.96
		For Spring Activated Horizontal Mount Operation, Add	*58.03*	
		For Dynamic Damper, Add	*139.28*	
		For 3 Hour Rated, Add	*77.38*	
		For Cap Of Damper Blades Outside Air Stream, Add	*64.48*	
23 33 13 16-0110	EA	48" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	182.78	31.01
		For Spring Activated Horizontal Mount Operation, Add	*20.14*	
		For Dynamic Damper, Add	*48.34*	
		For 3 Hour Rated, Add	*26.86*	
		For Cap Of Damper Blades Outside Air Stream, Add	*22.38*	
23 33 13 16-0111	EA	48" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	197.15	32.99
		For Spring Activated Horizontal Mount Operation, Add	*22.06*	
		For Dynamic Damper, Add	*52.95*	
		For 3 Hour Rated, Add	*29.42*	
		For Cap Of Damper Blades Outside Air Stream, Add	*24.52*	
23 33 13 16-0112	EA	48" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	205.11	34.97
		For Spring Activated Horizontal Mount Operation, Add	*22.55*	
		For Dynamic Damper, Add	*54.11*	
		For 3 Hour Rated, Add	*30.06*	
		For Cap Of Damper Blades Outside Air Stream, Add	*25.05*	
23 33 13 16-0113	EA	48" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	223.16	38.82
		For Spring Activated Horizontal Mount Operation, Add	*23.98*	
		For Dynamic Damper, Add	*57.56*	
		For 3 Hour Rated, Add	*31.98*	
		For Cap Of Damper Blades Outside Air Stream, Add	*26.65*	
23 33 13 16-0114	EA	48" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	243.34	42.67
		For Spring Activated Horizontal Mount Operation, Add	*25.90*	
		For Dynamic Damper, Add	*62.16*	
		For 3 Hour Rated, Add	*34.53*	
		For Cap Of Damper Blades Outside Air Stream, Add	*28.78*	
23 33 13 16-0115	EA	48" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	263.53	46.63
		For Spring Activated Horizontal Mount Operation, Add	*27.82*	
		For Dynamic Damper, Add	*66.77*	
		For 3 Hour Rated, Add	*37.09*	
		For Cap Of Damper Blades Outside Air Stream, Add	*30.91*	
23 33 13 16-0116	EA	48" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	287.98	50.47
		For Spring Activated Horizontal Mount Operation, Add	*30.70*	
		For Dynamic Damper, Add	*73.67*	
		For 3 Hour Rated, Add	*40.93*	
		For Cap Of Damper Blades Outside Air Stream, Add	*34.11*	
23 33 13 16-0117	EA	48" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	312.42	54.32
		For Spring Activated Horizontal Mount Operation, Add	*33.57*	
		For Dynamic Damper, Add	*80.57*	
		For 3 Hour Rated, Add	*44.76*	
		For Cap Of Damper Blades Outside Air Stream, Add	*37.30*	
23 33 13 16-0118	EA	48" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	343.26	58.29
		For Spring Activated Horizontal Mount Operation, Add	*37.89*	
		For Dynamic Damper, Add	*90.94*	
		For 3 Hour Rated, Add	*50.52*	
		For Cap Of Damper Blades Outside Air Stream, Add	*42.10*	
23 33 13 16-0119	EA	48" x 28" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	378.35	62.13
		For Spring Activated Horizontal Mount Operation, Add	*43.16*	
		For Dynamic Damper, Add	*103.59*	
		For 3 Hour Rated, Add	*57.55*	
		For Cap Of Damper Blades Outside Air Stream, Add	*47.96*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0120	EA	48" x 32" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	403.39	63.99
		For Spring Activated Horizontal Mount Operation, Add	*47.48*	
		For Dynamic Damper, Add	*113.96*	
		For 3 Hour Rated, Add	*63.31*	
		For Cap Of Damper Blades Outside Air Stream, Add	*52.76*	
23 33 13 16-0121	EA	48" x 36" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	434.77	65.98
		For Spring Activated Horizontal Mount Operation, Add	*53.23*	
		For Dynamic Damper, Add	*127.76*	
		For 3 Hour Rated, Add	*70.98*	
		For Cap Of Damper Blades Outside Air Stream, Add	*59.15*	
23 33 13 16-0122	EA	48" x 40" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	465.64	69.82
		For Spring Activated Horizontal Mount Operation, Add	*57.56*	
		For Dynamic Damper, Add	*138.13*	
		For 3 Hour Rated, Add	*76.74*	
		For Cap Of Damper Blades Outside Air Stream, Add	*63.95*	
23 33 13 16-0123	EA	48" x 44" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	497.04	71.81
		For Spring Activated Horizontal Mount Operation, Add	*63.31*	
		For Dynamic Damper, Add	*151.94*	
		For 3 Hour Rated, Add	*84.41*	
		For Cap Of Damper Blades Outside Air Stream, Add	*70.34*	
23 33 13 16-0124	EA	48" x 48" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	531.57	77.64
		For Spring Activated Horizontal Mount Operation, Add	*67.14*	
		For Dynamic Damper, Add	*161.15*	
		For 3 Hour Rated, Add	*89.53*	
		For Cap Of Damper Blades Outside Air Stream, Add	*74.61*	
23 33 13 16-0125	EA	52" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	195.02	32.99
		For Spring Activated Horizontal Mount Operation, Add	*21.58*	
		For Dynamic Damper, Add	*51.80*	
		For 3 Hour Rated, Add	*28.78*	
		For Cap Of Damper Blades Outside Air Stream, Add	*23.98*	
23 33 13 16-0126	EA	52" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	209.36	34.97
		For Spring Activated Horizontal Mount Operation, Add	*23.50*	
		For Dynamic Damper, Add	*56.40*	
		For 3 Hour Rated, Add	*31.34*	
		For Cap Of Damper Blades Outside Air Stream, Add	*26.11*	
23 33 13 16-0127	EA	52" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	229.55	38.82
		For Spring Activated Horizontal Mount Operation, Add	*25.42*	
		For Dynamic Damper, Add	*61.01*	
		For 3 Hour Rated, Add	*33.89*	
		For Cap Of Damper Blades Outside Air Stream, Add	*28.25*	
23 33 13 16-0128	EA	52" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	243.34	42.67
		For Spring Activated Horizontal Mount Operation, Add	*25.90*	
		For Dynamic Damper, Add	*62.16*	
		For 3 Hour Rated, Add	*34.53*	
		For Cap Of Damper Blades Outside Air Stream, Add	*28.78*	
23 33 13 16-0129	EA	52" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	264.60	46.63
		For Spring Activated Horizontal Mount Operation, Add	*28.06*	
		For Dynamic Damper, Add	*67.34*	
		For 3 Hour Rated, Add	*37.41*	
		For Cap Of Damper Blades Outside Air Stream, Add	*31.18*	
23 33 13 16-0130	EA	52" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	285.85	50.47
		For Spring Activated Horizontal Mount Operation, Add	*30.22*	
		For Dynamic Damper, Add	*72.52*	
		For 3 Hour Rated, Add	*40.29*	
		For Cap Of Damper Blades Outside Air Stream, Add	*33.58*	
23 33 13 16-0131	EA	52" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	310.30	54.32
		For Spring Activated Horizontal Mount Operation, Add	*33.10*	
		For Dynamic Damper, Add	*79.43*	
		For 3 Hour Rated, Add	*44.13*	
		For Cap Of Damper Blades Outside Air Stream, Add	*36.77*	
23 33 13 16-0132	EA	52" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	334.73	58.29
		For Spring Activated Horizontal Mount Operation, Add	*35.97*	
		For Dynamic Damper, Add	*86.33*	
		For 3 Hour Rated, Add	*47.96*	
		For Cap Of Damper Blades Outside Air Stream, Add	*39.97*	
23 33 13 16-0133	EA	52" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	365.58	62.13
		For Spring Activated Horizontal Mount Operation, Add	*40.29*	
		For Dynamic Damper, Add	*96.69*	
		For 3 Hour Rated, Add	*53.72*	
		For Cap Of Damper Blades Outside Air Stream, Add	*44.77*	
23 33 13 16-0134	EA	52" x 28" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	402.81	65.98
		For Spring Activated Horizontal Mount Operation, Add	*46.04*	
		For Dynamic Damper, Add	*110.50*	
		For 3 Hour Rated, Add	*61.39*	
		For Cap Of Damper Blades Outside Air Stream, Add	*51.16*	
23 33 13 16-0135	EA	52" x 32" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	429.94	67.96
		For Spring Activated Horizontal Mount Operation, Add	*50.83*	
		For Dynamic Damper, Add	*122.00*	
		For 3 Hour Rated, Add	*67.78*	
		For Cap Of Damper Blades Outside Air Stream, Add	*56.48*	
23 33 13 16-0136	EA	52" x 36" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	463.50	69.82
		For Spring Activated Horizontal Mount Operation, Add	*57.07*	
		For Dynamic Damper, Add	*136.98*	
		For 3 Hour Rated, Add	*76.10*	
		For Cap Of Damper Blades Outside Air Stream, Add	*63.42*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0137	EA	52" x 40" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	500.72	73.79
		For Spring Activated Horizontal Mount Operation, Add	*62.82*	
		For Dynamic Damper, Add	*150.78*	
		For 3 Hour Rated, Add	*83.77*	
		For Cap Of Damper Blades Outside Air Stream, Add	*69.81*	
23 33 13 16-0138	EA	52" x 44" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	531.57	77.64
		For Spring Activated Horizontal Mount Operation, Add	*67.14*	
		For Dynamic Damper, Add	*161.15*	
		For 3 Hour Rated, Add	*89.53*	
		For Cap Of Damper Blades Outside Air Stream, Add	*74.61*	
23 33 13 16-0139	EA	52" x 48" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	574.63	83.47
		For Spring Activated Horizontal Mount Operation, Add	*72.90*	
		For Dynamic Damper, Add	*174.96*	
		For 3 Hour Rated, Add	*97.20*	
		For Cap Of Damper Blades Outside Air Stream, Add	*81.00*	
23 33 13 16-0140	EA	52" x 52" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	607.61	87.31
		For Spring Activated Horizontal Mount Operation, Add	*77.70*	
		For Dynamic Damper, Add	*186.47*	
		For 3 Hour Rated, Add	*103.60*	
		For Cap Of Damper Blades Outside Air Stream, Add	*86.33*	
23 33 13 16-0141	EA	56" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	205.11	34.97
		For Spring Activated Horizontal Mount Operation, Add	*22.55*	
		For Dynamic Damper, Add	*54.11*	
		For 3 Hour Rated, Add	*30.06*	
		For Cap Of Damper Blades Outside Air Stream, Add	*25.05*	
23 33 13 16-0142	EA	56" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	227.41	38.82
		For Spring Activated Horizontal Mount Operation, Add	*24.94*	
		For Dynamic Damper, Add	*59.85*	
		For 3 Hour Rated, Add	*33.25*	
		For Cap Of Damper Blades Outside Air Stream, Add	*27.71*	
23 33 13 16-0143	EA	56" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	245.48	42.67
		For Spring Activated Horizontal Mount Operation, Add	*26.38*	
		For Dynamic Damper, Add	*63.32*	
		For 3 Hour Rated, Add	*35.18*	
		For Cap Of Damper Blades Outside Air Stream, Add	*29.31*	
23 33 13 16-0144	EA	56" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	259.25	46.63
		For Spring Activated Horizontal Mount Operation, Add	*26.86*	
		For Dynamic Damper, Add	*64.45*	
		For 3 Hour Rated, Add	*35.81*	
		For Cap Of Damper Blades Outside Air Stream, Add	*29.84*	
23 33 13 16-0145	EA	56" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	282.65	50.47
		For Spring Activated Horizontal Mount Operation, Add	*29.50*	
		For Dynamic Damper, Add	*70.79*	
		For 3 Hour Rated, Add	*39.33*	
		For Cap Of Damper Blades Outside Air Stream, Add	*32.78*	
23 33 13 16-0146	EA	56" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	306.03	54.32
		For Spring Activated Horizontal Mount Operation, Add	*32.13*	
		For Dynamic Damper, Add	*77.12*	
		For 3 Hour Rated, Add	*42.85*	
		For Cap Of Damper Blades Outside Air Stream, Add	*35.71*	
23 33 13 16-0147	EA	56" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	329.40	58.29
		For Spring Activated Horizontal Mount Operation, Add	*34.77*	
		For Dynamic Damper, Add	*83.45*	
		For 3 Hour Rated, Add	*46.36*	
		For Cap Of Damper Blades Outside Air Stream, Add	*38.64*	
23 33 13 16-0148	EA	56" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	352.78	62.13
		For Spring Activated Horizontal Mount Operation, Add	*37.41*	
		For Dynamic Damper, Add	*89.78*	
		For 3 Hour Rated, Add	*49.88*	
		For Cap Of Damper Blades Outside Air Stream, Add	*41.57*	
23 33 13 16-0149	EA	56" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	390.01	65.98
		For Spring Activated Horizontal Mount Operation, Add	*43.16*	
		For Dynamic Damper, Add	*103.59*	
		For 3 Hour Rated, Add	*57.55*	
		For Cap Of Damper Blades Outside Air Stream, Add	*47.96*	
23 33 13 16-0150	EA	56" x 28" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	421.44	67.96
		For Spring Activated Horizontal Mount Operation, Add	*48.92*	
		For Dynamic Damper, Add	*117.41*	
		For 3 Hour Rated, Add	*65.23*	
		For Cap Of Damper Blades Outside Air Stream, Add	*54.36*	
23 33 13 16-0151	EA	56" x 32" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	450.71	69.82
		For Spring Activated Horizontal Mount Operation, Add	*54.20*	
		For Dynamic Damper, Add	*130.07*	
		For 3 Hour Rated, Add	*72.26*	
		For Cap Of Damper Blades Outside Air Stream, Add	*60.22*	
23 33 13 16-0152	EA	56" x 36" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	492.21	73.79
		For Spring Activated Horizontal Mount Operation, Add	*60.91*	
		For Dynamic Damper, Add	*146.18*	
		For 3 Hour Rated, Add	*81.21*	
		For Cap Of Damper Blades Outside Air Stream, Add	*67.68*	
23 33 13 16-0153	EA	56" x 40" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	529.44	77.64
		For Spring Activated Horizontal Mount Operation, Add	*66.67*	
		For Dynamic Damper, Add	*160.00*	
		For 3 Hour Rated, Add	*88.89*	
		For Cap Of Damper Blades Outside Air Stream, Add	*74.07*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0154	EA	56" x 44" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	568.80	81.48
		For Spring Activated Horizontal Mount Operation, Add	*72.90*	
		For Dynamic Damper, Add	*174.96*	
		For 3 Hour Rated, Add	*97.20*	
		For Cap Of Damper Blades Outside Air Stream, Add	*81.00*	
23 33 13 16-0155	EA	56" x 48" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	601.78	85.45
		For Spring Activated Horizontal Mount Operation, Add	*77.70*	
		For Dynamic Damper, Add	*186.47*	
		For 3 Hour Rated, Add	*103.60*	
		For Cap Of Damper Blades Outside Air Stream, Add	*86.33*	
23 33 13 16-0156	EA	56" x 52" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	641.15	89.30
		For Spring Activated Horizontal Mount Operation, Add	*83.93*	
		For Dynamic Damper, Add	*201.44*	
		For 3 Hour Rated, Add	*111.91*	
		For Cap Of Damper Blades Outside Air Stream, Add	*93.26*	
23 33 13 16-0157	EA	56" x 56" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	680.52	93.14
		For Spring Activated Horizontal Mount Operation, Add	*90.17*	
		For Dynamic Damper, Add	*216.40*	
		For 3 Hour Rated, Add	*120.22*	
		For Cap Of Damper Blades Outside Air Stream, Add	*100.19*	
23 33 13 16-0158	EA	60" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	223.16	38.82
		For Spring Activated Horizontal Mount Operation, Add	*23.98*	
		For Dynamic Damper, Add	*57.56*	
		For 3 Hour Rated, Add	*31.98*	
		For Cap Of Damper Blades Outside Air Stream, Add	*26.65*	
23 33 13 16-0159	EA	60" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	245.48	42.67
		For Spring Activated Horizontal Mount Operation, Add	*26.38*	
		For Dynamic Damper, Add	*63.32*	
		For 3 Hour Rated, Add	*35.18*	
		For Cap Of Damper Blades Outside Air Stream, Add	*29.31*	
23 33 13 16-0160	EA	60" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	261.39	46.63
		For Spring Activated Horizontal Mount Operation, Add	*27.34*	
		For Dynamic Damper, Add	*65.61*	
		For 3 Hour Rated, Add	*36.45*	
		For Cap Of Damper Blades Outside Air Stream, Add	*30.38*	
23 33 13 16-0161	EA	60" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	275.19	50.47
		For Spring Activated Horizontal Mount Operation, Add	*27.82*	
		For Dynamic Damper, Add	*66.77*	
		For 3 Hour Rated, Add	*37.09*	
		For Cap Of Damper Blades Outside Air Stream, Add	*30.91*	
23 33 13 16-0162	EA	60" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	299.64	54.32
		For Spring Activated Horizontal Mount Operation, Add	*30.70*	
		For Dynamic Damper, Add	*73.67*	
		For 3 Hour Rated, Add	*40.93*	
		For Cap Of Damper Blades Outside Air Stream, Add	*34.11*	
23 33 13 16-0163	EA	60" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	324.07	58.29
		For Spring Activated Horizontal Mount Operation, Add	*33.57*	
		For Dynamic Damper, Add	*80.57*	
		For 3 Hour Rated, Add	*44.76*	
		For Cap Of Damper Blades Outside Air Stream, Add	*37.30*	
23 33 13 16-0164	EA	60" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	349.59	62.13
		For Spring Activated Horizontal Mount Operation, Add	*36.69*	
		For Dynamic Damper, Add	*88.06*	
		For 3 Hour Rated, Add	*48.92*	
		For Cap Of Damper Blades Outside Air Stream, Add	*40.77*	
23 33 13 16-0165	EA	60" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	375.10	65.98
		For Spring Activated Horizontal Mount Operation, Add	*39.81*	
		For Dynamic Damper, Add	*95.54*	
		For 3 Hour Rated, Add	*53.08*	
		For Cap Of Damper Blades Outside Air Stream, Add	*44.23*	
23 33 13 16-0166	EA	60" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	408.64	67.96
		For Spring Activated Horizontal Mount Operation, Add	*46.04*	
		For Dynamic Damper, Add	*110.50*	
		For 3 Hour Rated, Add	*61.39*	
		For Cap Of Damper Blades Outside Air Stream, Add	*51.16*	
23 33 13 16-0167	EA	60" x 28" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	440.04	69.82
		For Spring Activated Horizontal Mount Operation, Add	*51.80*	
		For Dynamic Damper, Add	*124.31*	
		For 3 Hour Rated, Add	*69.06*	
		For Cap Of Damper Blades Outside Air Stream, Add	*57.55*	
23 33 13 16-0168	EA	60" x 32" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	479.43	73.79
		For Spring Activated Horizontal Mount Operation, Add	*58.03*	
		For Dynamic Damper, Add	*139.28*	
		For 3 Hour Rated, Add	*77.38*	
		For Cap Of Damper Blades Outside Air Stream, Add	*64.48*	
23 33 13 16-0169	EA	60" x 36" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	518.79	77.64
		For Spring Activated Horizontal Mount Operation, Add	*64.27*	
		For Dynamic Damper, Add	*154.25*	
		For 3 Hour Rated, Add	*85.69*	
		For Cap Of Damper Blades Outside Air Stream, Add	*71.41*	
23 33 13 16-0170	EA	60" x 40" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	551.75	81.48
		For Spring Activated Horizontal Mount Operation, Add	*69.06*	
		For Dynamic Damper, Add	*165.75*	
		For 3 Hour Rated, Add	*92.09*	
		For Cap Of Damper Blades Outside Air Stream, Add	*76.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0171	EA	60" x 44" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	597.50	85.45
		For Spring Activated Horizontal Mount Operation, Add	*76.73*	
		For Dynamic Damper, Add	*184.16*	
		For 3 Hour Rated, Add	*102.31*	
		For Cap Of Damper Blades Outside Air Stream, Add	*85.26*	
23 33 13 16-0172	EA	60" x 48" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	639.01	89.30
		For Spring Activated Horizontal Mount Operation, Add	*83.45*	
		For Dynamic Damper, Add	*200.28*	
		For 3 Hour Rated, Add	*111.27*	
		For Cap Of Damper Blades Outside Air Stream, Add	*92.72*	
23 33 13 16-0173	EA	60" x 52" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	680.52	93.14
		For Spring Activated Horizontal Mount Operation, Add	*90.17*	
		For Dynamic Damper, Add	*216.40*	
		For 3 Hour Rated, Add	*120.22*	
		For Cap Of Damper Blades Outside Air Stream, Add	*100.19*	
23 33 13 16-0174	EA	60" x 56" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	717.73	97.11
		For Spring Activated Horizontal Mount Operation, Add	*95.92*	
		For Dynamic Damper, Add	*230.20*	
		For 3 Hour Rated, Add	*127.89*	
		For Cap Of Damper Blades Outside Air Stream, Add	*106.57*	
23 33 13 16-0175	EA	60" x 60" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	754.99	100.96
		For Spring Activated Horizontal Mount Operation, Add	*101.68*	
		For Dynamic Damper, Add	*244.03*	
		For 3 Hour Rated, Add	*135.57*	
		For Cap Of Damper Blades Outside Air Stream, Add	*112.98*	

23 33 13 16-0176 Parallel Blade Louver Fire Damper *(23 33 13 16)*

Note: UL listed. 22 gauge galvanized steel construction with fusible link 160 F spring actuated 1-1/2 hour fire rating.

23 33 13 16-0177	EA	6" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	100.58	12.94
		For Spring Activated Horizontal Mount Operation, Add	*13.90*	
		For Dynamic Damper, Add	*33.35*	
		For 3 Hour Rated, Add	*18.53*	
23 33 13 16-0178	EA	8" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	104.97	13.52
		For Spring Activated Horizontal Mount Operation, Add	*14.49*	
		For Dynamic Damper, Add	*34.78*	
		For 3 Hour Rated, Add	*19.32*	
23 33 13 16-0179	EA	8" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	107.87	13.64
		For Spring Activated Horizontal Mount Operation, Add	*15.09*	
		For Dynamic Damper, Add	*36.22*	
		For 3 Hour Rated, Add	*20.12*	
23 33 13 16-0180	EA	10" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	107.87	13.64
		For Spring Activated Horizontal Mount Operation, Add	*15.09*	
		For Dynamic Damper, Add	*36.22*	
		For 3 Hour Rated, Add	*20.12*	
23 33 13 16-0181	EA	10" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	111.72	13.99
		For Spring Activated Horizontal Mount Operation, Add	*15.69*	
		For Dynamic Damper, Add	*37.67*	
		For 3 Hour Rated, Add	*20.93*	
23 33 13 16-0182	EA	10" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	121.69	15.51
		For Spring Activated Horizontal Mount Operation, Add	*16.89*	
		For Dynamic Damper, Add	*40.53*	
		For 3 Hour Rated, Add	*22.52*	
23 33 13 16-0183	EA	12" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	111.72	13.99
		For Spring Activated Horizontal Mount Operation, Add	*15.69*	
		For Dynamic Damper, Add	*37.67*	
		For 3 Hour Rated, Add	*20.93*	
23 33 13 16-0184	EA	12" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	119.36	14.80
		For Spring Activated Horizontal Mount Operation, Add	*16.89*	
		For Dynamic Damper, Add	*40.53*	
		For 3 Hour Rated, Add	*22.52*	
23 33 13 16-0185	EA	12" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	124.36	15.51
		For Spring Activated Horizontal Mount Operation, Add	*17.49*	
		For Dynamic Damper, Add	*41.97*	
		For 3 Hour Rated, Add	*23.32*	
23 33 13 16-0186	EA	12" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	132.87	17.49
		For Spring Activated Horizontal Mount Operation, Add	*18.09*	
		For Dynamic Damper, Add	*43.42*	
		For 3 Hour Rated, Add	*24.12*	
23 33 13 16-0187	EA	14" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	118.04	14.80
		For Spring Activated Horizontal Mount Operation, Add	*16.59*	
		For Dynamic Damper, Add	*39.82*	
		For 3 Hour Rated, Add	*22.12*	
23 33 13 16-0188	EA	14" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	124.36	15.51
		For Spring Activated Horizontal Mount Operation, Add	*17.49*	
		For Dynamic Damper, Add	*41.97*	
		For 3 Hour Rated, Add	*23.32*	
23 33 13 16-0189	EA	14" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	129.37	16.32
		For Spring Activated Horizontal Mount Operation, Add	*18.09*	
		For Dynamic Damper, Add	*43.42*	
		For 3 Hour Rated, Add	*24.12*	
23 33 13 16-0190	EA	14" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	135.52	17.49
		For Spring Activated Horizontal Mount Operation, Add	*18.69*	
		For Dynamic Damper, Add	*44.85*	
		For 3 Hour Rated, Add	*24.92*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0191	EA	14" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	148.02	19.47
		For Spring Activated Horizontal Mount Operation, Add	*20.19*	
		For Dynamic Damper, Add	*48.45*	
		For 3 Hour Rated, Add	*26.92*	
23 33 13 16-0192	EA	16" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	155.20	15.51
		For Spring Activated Horizontal Mount Operation, Add	*24.43*	
		For Dynamic Damper, Add	*58.63*	
		For 3 Hour Rated, Add	*32.57*	
23 33 13 16-0193	EA	16" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	161.69	16.67
		For Spring Activated Horizontal Mount Operation, Add	*25.10*	
		For Dynamic Damper, Add	*60.24*	
		For 3 Hour Rated, Add	*33.47*	
23 33 13 16-0194	EA	16" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	169.35	18.30
		For Spring Activated Horizontal Mount Operation, Add	*25.78*	
		For Dynamic Damper, Add	*61.86*	
		For 3 Hour Rated, Add	*34.37*	
23 33 13 16-0195	EA	16" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	175.81	19.47
		For Spring Activated Horizontal Mount Operation, Add	*26.44*	
		For Dynamic Damper, Add	*63.46*	
		For 3 Hour Rated, Add	*35.26*	
23 33 13 16-0196	EA	16" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	189.12	21.33
		For Spring Activated Horizontal Mount Operation, Add	*28.13*	
		For Dynamic Damper, Add	*67.50*	
		For 3 Hour Rated, Add	*37.50*	
23 33 13 16-0197	EA	16" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	202.42	23.32
		For Spring Activated Horizontal Mount Operation, Add	*29.81*	
		For Dynamic Damper, Add	*71.53*	
		For 3 Hour Rated, Add	*39.74*	
23 33 13 16-0198	EA	18" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	160.52	16.32
		For Spring Activated Horizontal Mount Operation, Add	*25.10*	
		For Dynamic Damper, Add	*60.24*	
		For 3 Hour Rated, Add	*33.47*	
23 33 13 16-0199	EA	18" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	168.50	17.49
		For Spring Activated Horizontal Mount Operation, Add	*26.11*	
		For Dynamic Damper, Add	*62.66*	
		For 3 Hour Rated, Add	*34.81*	
23 33 13 16-0200	EA	18" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	178.83	19.47
		For Spring Activated Horizontal Mount Operation, Add	*27.12*	
		For Dynamic Damper, Add	*65.09*	
		For 3 Hour Rated, Add	*36.16*	
23 33 13 16-0201	EA	18" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	192.11	21.33
		For Spring Activated Horizontal Mount Operation, Add	*28.80*	
		For Dynamic Damper, Add	*69.11*	
		For 3 Hour Rated, Add	*38.40*	
23 33 13 16-0202	EA	18" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	203.90	23.32
		For Spring Activated Horizontal Mount Operation, Add	*30.14*	
		For Dynamic Damper, Add	*72.33*	
		For 3 Hour Rated, Add	*40.19*	
23 33 13 16-0203	EA	18" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	217.19	25.18
		For Spring Activated Horizontal Mount Operation, Add	*31.82*	
		For Dynamic Damper, Add	*76.37*	
		For 3 Hour Rated, Add	*42.43*	
23 33 13 16-0204	EA	18" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	227.48	27.16
		For Spring Activated Horizontal Mount Operation, Add	*32.82*	
		For Dynamic Damper, Add	*78.78*	
		For 3 Hour Rated, Add	*43.76*	
23 33 13 16-0205	EA	20" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	167.02	17.49
		For Spring Activated Horizontal Mount Operation, Add	*25.78*	
		For Dynamic Damper, Add	*61.86*	
		For 3 Hour Rated, Add	*34.37*	
23 33 13 16-0206	EA	20" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	178.80	19.47
		For Spring Activated Horizontal Mount Operation, Add	*27.11*	
		For Dynamic Damper, Add	*65.08*	
		For 3 Hour Rated, Add	*36.15*	
23 33 13 16-0207	EA	20" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	190.61	21.33
		For Spring Activated Horizontal Mount Operation, Add	*28.46*	
		For Dynamic Damper, Add	*68.30*	
		For 3 Hour Rated, Add	*37.95*	
23 33 13 16-0208	EA	20" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	208.40	23.32
		For Spring Activated Horizontal Mount Operation, Add	*31.15*	
		For Dynamic Damper, Add	*74.76*	
		For 3 Hour Rated, Add	*41.54*	
23 33 13 16-0209	EA	20" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	218.69	25.18
		For Spring Activated Horizontal Mount Operation, Add	*32.16*	
		For Dynamic Damper, Add	*77.18*	
		For 3 Hour Rated, Add	*42.88*	
23 33 13 16-0210	EA	20" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	228.98	27.16
		For Spring Activated Horizontal Mount Operation, Add	*33.16*	
		For Dynamic Damper, Add	*79.59*	
		For 3 Hour Rated, Add	*44.21*	
23 33 13 16-0211	EA	20" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	240.78	29.15
		For Spring Activated Horizontal Mount Operation, Add	*34.50*	
		For Dynamic Damper, Add	*82.81*	
		For 3 Hour Rated, Add	*46.01*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0212	EA	20" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	252.56	31.01
		For Spring Activated Horizontal Mount Operation, Add	*35.84*	
		For Dynamic Damper, Add	*86.02*	
		For 3 Hour Rated, Add	*47.79*	
23 33 13 16-0213	EA	24" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	206.25	19.47
		For Spring Activated Horizontal Mount Operation, Add	*33.29*	
		For Dynamic Damper, Add	*79.90*	
		For 3 Hour Rated, Add	*44.39*	
23 33 13 16-0214	EA	24" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	221.04	21.33
		For Spring Activated Horizontal Mount Operation, Add	*35.31*	
		For Dynamic Damper, Add	*84.74*	
		For 3 Hour Rated, Add	*47.08*	
23 33 13 16-0215	EA	24" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	232.85	23.32
		For Spring Activated Horizontal Mount Operation, Add	*36.65*	
		For Dynamic Damper, Add	*87.97*	
		For 3 Hour Rated, Add	*48.87*	
23 33 13 16-0216	EA	24" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	247.60	25.18
		For Spring Activated Horizontal Mount Operation, Add	*38.66*	
		For Dynamic Damper, Add	*92.79*	
		For 3 Hour Rated, Add	*51.55*	
23 33 13 16-0217	EA	24" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	257.92	27.16
		For Spring Activated Horizontal Mount Operation, Add	*39.67*	
		For Dynamic Damper, Add	*95.21*	
		For 3 Hour Rated, Add	*52.90*	
23 33 13 16-0218	EA	24" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	268.21	29.15
		For Spring Activated Horizontal Mount Operation, Add	*40.68*	
		For Dynamic Damper, Add	*97.62*	
		For 3 Hour Rated, Add	*54.23*	
23 33 13 16-0219	EA	24" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	282.99	31.01
		For Spring Activated Horizontal Mount Operation, Add	*42.69*	
		For Dynamic Damper, Add	*102.45*	
		For 3 Hour Rated, Add	*56.92*	
23 33 13 16-0220	EA	24" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	303.59	34.97
		For Spring Activated Horizontal Mount Operation, Add	*44.70*	
		For Dynamic Damper, Add	*107.29*	
		For 3 Hour Rated, Add	*59.60*	
23 33 13 16-0221	EA	24" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	327.20	38.82
		For Spring Activated Horizontal Mount Operation, Add	*47.39*	
		For Dynamic Damper, Add	*113.74*	
		For 3 Hour Rated, Add	*63.19*	
23 33 13 16-0222	EA	28" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	221.04	21.33
		For Spring Activated Horizontal Mount Operation, Add	*35.31*	
		For Dynamic Damper, Add	*84.74*	
		For 3 Hour Rated, Add	*47.08*	
23 33 13 16-0223	EA	28" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	232.85	23.32
		For Spring Activated Horizontal Mount Operation, Add	*36.65*	
		For Dynamic Damper, Add	*87.97*	
		For 3 Hour Rated, Add	*48.87*	
23 33 13 16-0224	EA	28" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	247.60	25.18
		For Spring Activated Horizontal Mount Operation, Add	*38.66*	
		For Dynamic Damper, Add	*92.79*	
		For 3 Hour Rated, Add	*51.55*	
23 33 13 16-0225	EA	28" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	259.40	27.16
		For Spring Activated Horizontal Mount Operation, Add	*40.01*	
		For Dynamic Damper, Add	*96.01*	
		For 3 Hour Rated, Add	*53.34*	
23 33 13 16-0226	EA	28" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	272.70	29.15
		For Spring Activated Horizontal Mount Operation, Add	*41.69*	
		For Dynamic Damper, Add	*100.05*	
		For 3 Hour Rated, Add	*55.58*	
23 33 13 16-0227	EA	28" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	285.96	31.01
		For Spring Activated Horizontal Mount Operation, Add	*43.36*	
		For Dynamic Damper, Add	*104.06*	
		For 3 Hour Rated, Add	*57.81*	
23 33 13 16-0228	EA	28" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	306.57	34.97
		For Spring Activated Horizontal Mount Operation, Add	*45.37*	
		For Dynamic Damper, Add	*108.90*	
		For 3 Hour Rated, Add	*60.50*	
23 33 13 16-0229	EA	28" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	327.20	38.82
		For Spring Activated Horizontal Mount Operation, Add	*47.39*	
		For Dynamic Damper, Add	*113.74*	
		For 3 Hour Rated, Add	*63.19*	
23 33 13 16-0230	EA	28" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	350.93	40.80
		For Spring Activated Horizontal Mount Operation, Add	*51.42*	
		For Dynamic Damper, Add	*123.41*	
		For 3 Hour Rated, Add	*68.56*	
23 33 13 16-0231	EA	28" x 28" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	377.52	44.64
		For Spring Activated Horizontal Mount Operation, Add	*54.78*	
		For Dynamic Damper, Add	*131.47*	
		For 3 Hour Rated, Add	*73.04*	
23 33 13 16-0232	EA	32" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	241.78	23.32
		For Spring Activated Horizontal Mount Operation, Add	*38.66*	
		For Dynamic Damper, Add	*92.79*	
		For 3 Hour Rated, Add	*51.55*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0233	EA	32" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	250.57	25.18
		For Spring Activated Horizontal Mount Operation, Add	*39.33*	
		For Dynamic Damper, Add	*94.39*	
		For 3 Hour Rated, Add	*52.44*	
23 33 13 16-0234	EA	32" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	259.40	27.16
		For Spring Activated Horizontal Mount Operation, Add	*40.01*	
		For Dynamic Damper, Add	*96.01*	
		For 3 Hour Rated, Add	*53.34*	
23 33 13 16-0235	EA	32" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	271.18	29.15
		For Spring Activated Horizontal Mount Operation, Add	*41.34*	
		For Dynamic Damper, Add	*99.23*	
		For 3 Hour Rated, Add	*55.13*	
23 33 13 16-0236	EA	32" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	286.53	31.01
		For Spring Activated Horizontal Mount Operation, Add	*43.49*	
		For Dynamic Damper, Add	*104.37*	
		For 3 Hour Rated, Add	*57.98*	
23 33 13 16-0237	EA	32" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	306.57	34.97
		For Spring Activated Horizontal Mount Operation, Add	*45.37*	
		For Dynamic Damper, Add	*108.90*	
		For 3 Hour Rated, Add	*60.50*	
23 33 13 16-0238	EA	32" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	330.20	38.82
		For Spring Activated Horizontal Mount Operation, Add	*48.07*	
		For Dynamic Damper, Add	*115.36*	
		For 3 Hour Rated, Add	*64.09*	
23 33 13 16-0239	EA	32" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	353.79	42.67
		For Spring Activated Horizontal Mount Operation, Add	*50.75*	
		For Dynamic Damper, Add	*121.80*	
		For 3 Hour Rated, Add	*67.67*	
23 33 13 16-0240	EA	32" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	377.52	44.64
		For Spring Activated Horizontal Mount Operation, Add	*54.78*	
		For Dynamic Damper, Add	*131.47*	
		For 3 Hour Rated, Add	*73.04*	
23 33 13 16-0241	EA	32" x 28" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	407.73	47.79
		For Spring Activated Horizontal Mount Operation, Add	*59.48*	
		For Dynamic Damper, Add	*142.75*	
		For 3 Hour Rated, Add	*79.31*	
23 33 13 16-0242	EA	32" x 32" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	439.77	50.47
		For Spring Activated Horizontal Mount Operation, Add	*64.85*	
		For Dynamic Damper, Add	*155.64*	
		For 3 Hour Rated, Add	*86.47*	
23 33 13 16-0243	EA	36" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	271.91	25.18
		For Spring Activated Horizontal Mount Operation, Add	*44.13*	
		For Dynamic Damper, Add	*105.92*	
		For 3 Hour Rated, Add	*58.84*	
23 33 13 16-0244	EA	36" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	284.54	27.16
		For Spring Activated Horizontal Mount Operation, Add	*45.66*	
		For Dynamic Damper, Add	*109.59*	
		For 3 Hour Rated, Add	*60.88*	
23 33 13 16-0245	EA	36" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	297.18	29.15
		For Spring Activated Horizontal Mount Operation, Add	*47.19*	
		For Dynamic Damper, Add	*113.27*	
		For 3 Hour Rated, Add	*62.93*	
23 33 13 16-0246	EA	36" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	313.26	31.01
		For Spring Activated Horizontal Mount Operation, Add	*49.50*	
		For Dynamic Damper, Add	*118.80*	
		For 3 Hour Rated, Add	*66.00*	
23 33 13 16-0247	EA	36" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	330.05	34.97
		For Spring Activated Horizontal Mount Operation, Add	*50.66*	
		For Dynamic Damper, Add	*121.58*	
		For 3 Hour Rated, Add	*67.54*	
23 33 13 16-0248	EA	36" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	340.99	36.84
		For Spring Activated Horizontal Mount Operation, Add	*51.81*	
		For Dynamic Damper, Add	*124.34*	
		For 3 Hour Rated, Add	*69.08*	
23 33 13 16-0249	EA	36" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	375.53	42.67
		For Spring Activated Horizontal Mount Operation, Add	*55.64*	
		For Dynamic Damper, Add	*133.54*	
		For 3 Hour Rated, Add	*74.19*	
23 33 13 16-0250	EA	36" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	404.23	46.63
		For Spring Activated Horizontal Mount Operation, Add	*59.48*	
		For Dynamic Damper, Add	*142.74*	
		For 3 Hour Rated, Add	*79.30*	
23 33 13 16-0251	EA	36" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	429.36	48.15
		For Spring Activated Horizontal Mount Operation, Add	*64.08*	
		For Dynamic Damper, Add	*153.80*	
		For 3 Hour Rated, Add	*85.44*	
23 33 13 16-0252	EA	36" x 28" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	467.12	51.64
		For Spring Activated Horizontal Mount Operation, Add	*70.22*	
		For Dynamic Damper, Add	*168.52*	
		For 3 Hour Rated, Add	*93.62*	
23 33 13 16-0253	EA	36" x 32" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	499.15	54.32
		For Spring Activated Horizontal Mount Operation, Add	*75.59*	
		For Dynamic Damper, Add	*181.41*	
		For 3 Hour Rated, Add	*100.78*	

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23 33 13 16-0254	EA	36" x 36" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	532.26	56.30
		For Spring Activated Horizontal Mount Operation, Add	*81.73*	
		For Dynamic Damper, Add	*196.14*	
		For 3 Hour Rated, Add	*108.97*	
23 33 13 16-0255	EA	40" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	305.58	29.15
		For Spring Activated Horizontal Mount Operation, Add	*50.40*	
		For Dynamic Damper, Add	*120.95*	
		For 3 Hour Rated, Add	*67.19*	
23 33 13 16-0256	EA	40" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	325.05	31.01
		For Spring Activated Horizontal Mount Operation, Add	*53.46*	
		For Dynamic Damper, Add	*128.31*	
		For 3 Hour Rated, Add	*71.29*	
23 33 13 16-0257	EA	40" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	334.29	32.99
		For Spring Activated Horizontal Mount Operation, Add	*54.23*	
		For Dynamic Damper, Add	*130.16*	
		For 3 Hour Rated, Add	*72.31*	
23 33 13 16-0258	EA	40" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	343.54	34.97
		For Spring Activated Horizontal Mount Operation, Add	*55.00*	
		For Dynamic Damper, Add	*132.00*	
		For 3 Hour Rated, Add	*73.34*	
23 33 13 16-0259	EA	40" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	367.14	36.84
		For Spring Activated Horizontal Mount Operation, Add	*57.69*	
		For Dynamic Damper, Add	*138.46*	
		For 3 Hour Rated, Add	*76.92*	
23 33 13 16-0260	EA	40" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	384.90	38.82
		For Spring Activated Horizontal Mount Operation, Add	*60.37*	
		For Dynamic Damper, Add	*144.90*	
		For 3 Hour Rated, Add	*80.50*	
23 33 13 16-0261	EA	40" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	416.03	44.64
		For Spring Activated Horizontal Mount Operation, Add	*63.44*	
		For Dynamic Damper, Add	*152.26*	
		For 3 Hour Rated, Add	*84.59*	
23 33 13 16-0262	EA	40" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	441.34	48.50
		For Spring Activated Horizontal Mount Operation, Add	*66.51*	
		For Dynamic Damper, Add	*159.63*	
		For 3 Hour Rated, Add	*88.69*	
23 33 13 16-0263	EA	40" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	471.13	51.64
		For Spring Activated Horizontal Mount Operation, Add	*71.12*	
		For Dynamic Damper, Add	*170.69*	
		For 3 Hour Rated, Add	*94.83*	
23 33 13 16-0264	EA	40" x 28" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	516.81	54.32
		For Spring Activated Horizontal Mount Operation, Add	*79.56*	
		For Dynamic Damper, Add	*190.94*	
		For 3 Hour Rated, Add	*106.08*	
23 33 13 16-0265	EA	40" x 32" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	546.57	57.47
		For Spring Activated Horizontal Mount Operation, Add	*84.16*	
		For Dynamic Damper, Add	*201.98*	
		For 3 Hour Rated, Add	*112.21*	
23 33 13 16-0266	EA	40" x 36" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	588.77	58.99
		For Spring Activated Horizontal Mount Operation, Add	*92.61*	
		For Dynamic Damper, Add	*222.25*	
		For 3 Hour Rated, Add	*123.47*	
23 33 13 16-0267	EA	40" x 40" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	632.19	62.13
		For Spring Activated Horizontal Mount Operation, Add	*100.28*	
		For Dynamic Damper, Add	*240.66*	
		For 3 Hour Rated, Add	*133.70*	
23 33 13 16-0268	EA	44" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	318.24	29.15
		For Spring Activated Horizontal Mount Operation, Add	*51.93*	
		For Dynamic Damper, Add	*124.64*	
		For 3 Hour Rated, Add	*69.24*	
23 33 13 16-0269	EA	44" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	337.71	31.01
		For Spring Activated Horizontal Mount Operation, Add	*55.00*	
		For Dynamic Damper, Add	*132.00*	
		For 3 Hour Rated, Add	*73.34*	
23 33 13 16-0270	EA	44" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	353.79	32.99
		For Spring Activated Horizontal Mount Operation, Add	*57.31*	
		For Dynamic Damper, Add	*137.54*	
		For 3 Hour Rated, Add	*76.41*	
23 33 13 16-0271	EA	44" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	363.02	34.97
		For Spring Activated Horizontal Mount Operation, Add	*58.07*	
		For Dynamic Damper, Add	*139.38*	
		For 3 Hour Rated, Add	*77.43*	
23 33 13 16-0272	EA	44" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	382.49	36.84
		For Spring Activated Horizontal Mount Operation, Add	*61.14*	
		For Dynamic Damper, Add	*146.75*	
		For 3 Hour Rated, Add	*81.53*	
23 33 13 16-0273	EA	44" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	401.97	38.82
		For Spring Activated Horizontal Mount Operation, Add	*64.22*	
		For Dynamic Damper, Add	*154.12*	
		For 3 Hour Rated, Add	*85.62*	
23 33 13 16-0274	EA	44" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	442.34	46.63
		For Spring Activated Horizontal Mount Operation, Add	*68.05*	
		For Dynamic Damper, Add	*163.32*	
		For 3 Hour Rated, Add	*90.74*	

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23 33 13 16-0275	EA	44" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	471.03	50.47
		For Spring Activated Horizontal Mount Operation, Add	*71.88*	
		For Dynamic Damper, Add	*172.52*	
		For 3 Hour Rated, Add	*95.84*	
23 33 13 16-0276	EA	44" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	516.81	54.32
		For Spring Activated Horizontal Mount Operation, Add	*79.56*	
		For Dynamic Damper, Add	*190.94*	
		For 3 Hour Rated, Add	*106.08*	
23 33 13 16-0277	EA	44" x 28" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	559.15	58.29
		For Spring Activated Horizontal Mount Operation, Add	*86.47*	
		For Dynamic Damper, Add	*207.52*	
		For 3 Hour Rated, Add	*115.29*	
23 33 13 16-0278	EA	44" x 32" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	604.89	62.13
		For Spring Activated Horizontal Mount Operation, Add	*94.13*	
		For Dynamic Damper, Add	*225.92*	
		For 3 Hour Rated, Add	*125.51*	
23 33 13 16-0279	EA	44" x 36" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	641.41	63.99
		For Spring Activated Horizontal Mount Operation, Add	*101.04*	
		For Dynamic Damper, Add	*242.49*	
		For 3 Hour Rated, Add	*134.72*	
23 33 13 16-0280	EA	44" x 40" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	677.95	65.98
		For Spring Activated Horizontal Mount Operation, Add	*107.95*	
		For Dynamic Damper, Add	*259.08*	
		For 3 Hour Rated, Add	*143.93*	
23 33 13 16-0281	EA	44" x 44" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	714.49	67.96
		For Spring Activated Horizontal Mount Operation, Add	*114.86*	
		For Dynamic Damper, Add	*275.66*	
		For 3 Hour Rated, Add	*153.14*	
23 33 13 16-0282	EA	48" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	334.29	31.01
		For Spring Activated Horizontal Mount Operation, Add	*54.23*	
		For Dynamic Damper, Add	*130.16*	
		For 3 Hour Rated, Add	*72.31*	
23 33 13 16-0283	EA	48" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	353.79	32.99
		For Spring Activated Horizontal Mount Operation, Add	*57.31*	
		For Dynamic Damper, Add	*137.54*	
		For 3 Hour Rated, Add	*76.41*	
23 33 13 16-0284	EA	48" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	363.02	34.97
		For Spring Activated Horizontal Mount Operation, Add	*58.07*	
		For Dynamic Damper, Add	*139.38*	
		For 3 Hour Rated, Add	*77.43*	
23 33 13 16-0285	EA	48" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	384.90	38.82
		For Spring Activated Horizontal Mount Operation, Add	*60.37*	
		For Dynamic Damper, Add	*144.90*	
		For 3 Hour Rated, Add	*80.50*	
23 33 13 16-0286	EA	48" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	410.20	42.67
		For Spring Activated Horizontal Mount Operation, Add	*63.44*	
		For Dynamic Damper, Add	*152.26*	
		For 3 Hour Rated, Add	*84.59*	
23 33 13 16-0287	EA	48" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	435.51	46.63
		For Spring Activated Horizontal Mount Operation, Add	*66.51*	
		For Dynamic Damper, Add	*159.63*	
		For 3 Hour Rated, Add	*88.69*	
23 33 13 16-0288	EA	48" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	467.64	50.47
		For Spring Activated Horizontal Mount Operation, Add	*71.12*	
		For Dynamic Damper, Add	*170.69*	
		For 3 Hour Rated, Add	*94.83*	
23 33 13 16-0289	EA	48" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	499.74	54.32
		For Spring Activated Horizontal Mount Operation, Add	*75.72*	
		For Dynamic Damper, Add	*181.73*	
		For 3 Hour Rated, Add	*100.96*	
23 33 13 16-0290	EA	48" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	542.10	58.29
		For Spring Activated Horizontal Mount Operation, Add	*82.63*	
		For Dynamic Damper, Add	*198.31*	
		For 3 Hour Rated, Add	*110.17*	
23 33 13 16-0291	EA	48" x 28" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	591.25	62.13
		For Spring Activated Horizontal Mount Operation, Add	*91.06*	
		For Dynamic Damper, Add	*218.55*	
		For 3 Hour Rated, Add	*121.42*	
23 33 13 16-0292	EA	48" x 32" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	627.80	63.99
		For Spring Activated Horizontal Mount Operation, Add	*97.98*	
		For Dynamic Damper, Add	*235.14*	
		For 3 Hour Rated, Add	*130.64*	
23 33 13 16-0293	EA	48" x 36" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	674.53	65.98
		For Spring Activated Horizontal Mount Operation, Add	*107.18*	
		For Dynamic Damper, Add	*257.23*	
		For 3 Hour Rated, Add	*142.91*	
23 33 13 16-0294	EA	48" x 40" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	716.92	69.82
		For Spring Activated Horizontal Mount Operation, Add	*114.09*	
		For Dynamic Damper, Add	*273.82*	
		For 3 Hour Rated, Add	*152.12*	
23 33 13 16-0295	EA	48" x 44" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	763.66	71.81
		For Spring Activated Horizontal Mount Operation, Add	*123.30*	
		For Dynamic Damper, Add	*295.91*	
		For 3 Hour Rated, Add	*164.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0296	EA	48" x 48" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	808.43	77.64
		For Spring Activated Horizontal Mount Operation, Add	*129.44*	
		For Dynamic Damper, Add	*310.65*	
		For 3 Hour Rated, Add	*172.58*	
23 33 13 16-0297	EA	52" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	350.37	32.99
		For Spring Activated Horizontal Mount Operation, Add	*56.54*	
		For Dynamic Damper, Add	*135.69*	
		For 3 Hour Rated, Add	*75.38*	
23 33 13 16-0298	EA	52" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	369.83	34.97
		For Spring Activated Horizontal Mount Operation, Add	*59.61*	
		For Dynamic Damper, Add	*143.06*	
		For 3 Hour Rated, Add	*79.48*	
23 33 13 16-0299	EA	52" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	395.14	38.82
		For Spring Activated Horizontal Mount Operation, Add	*62.68*	
		For Dynamic Damper, Add	*150.43*	
		For 3 Hour Rated, Add	*83.57*	
23 33 13 16-0300	EA	52" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	410.20	42.67
		For Spring Activated Horizontal Mount Operation, Add	*63.44*	
		For Dynamic Damper, Add	*152.26*	
		For 3 Hour Rated, Add	*84.59*	
23 33 13 16-0301	EA	52" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	437.23	46.63
		For Spring Activated Horizontal Mount Operation, Add	*66.90*	
		For Dynamic Damper, Add	*160.56*	
		For 3 Hour Rated, Add	*89.20*	
23 33 13 16-0302	EA	52" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	464.22	50.47
		For Spring Activated Horizontal Mount Operation, Add	*70.35*	
		For Dynamic Damper, Add	*168.84*	
		For 3 Hour Rated, Add	*93.80*	
23 33 13 16-0303	EA	52" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	496.35	54.32
		For Spring Activated Horizontal Mount Operation, Add	*74.96*	
		For Dynamic Damper, Add	*179.90*	
		For 3 Hour Rated, Add	*99.94*	
23 33 13 16-0304	EA	52" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	528.46	58.29
		For Spring Activated Horizontal Mount Operation, Add	*79.56*	
		For Dynamic Damper, Add	*190.94*	
		For 3 Hour Rated, Add	*106.08*	
23 33 13 16-0305	EA	52" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	570.81	62.13
		For Spring Activated Horizontal Mount Operation, Add	*86.47*	
		For Dynamic Damper, Add	*207.52*	
		For 3 Hour Rated, Add	*115.29*	
23 33 13 16-0306	EA	52" x 28" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	623.38	65.98
		For Spring Activated Horizontal Mount Operation, Add	*95.67*	
		For Dynamic Damper, Add	*229.61*	
		For 3 Hour Rated, Add	*127.56*	
23 33 13 16-0307	EA	52" x 32" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	663.31	67.96
		For Spring Activated Horizontal Mount Operation, Add	*103.34*	
		For Dynamic Damper, Add	*248.02*	
		For 3 Hour Rated, Add	*137.79*	
23 33 13 16-0308	EA	52" x 36" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	713.49	69.82
		For Spring Activated Horizontal Mount Operation, Add	*113.32*	
		For Dynamic Damper, Add	*271.97*	
		For 3 Hour Rated, Add	*151.10*	
23 33 13 16-0309	EA	52" x 40" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	766.05	73.79
		For Spring Activated Horizontal Mount Operation, Add	*122.52*	
		For Dynamic Damper, Add	*294.06*	
		For 3 Hour Rated, Add	*163.37*	
23 33 13 16-0310	EA	52" x 44" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	808.43	77.64
		For Spring Activated Horizontal Mount Operation, Add	*129.44*	
		For Dynamic Damper, Add	*310.65*	
		For 3 Hour Rated, Add	*172.58*	
23 33 13 16-0311	EA	52" x 48" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	866.82	83.47
		For Spring Activated Horizontal Mount Operation, Add	*138.64*	
		For Dynamic Damper, Add	*332.74*	
		For 3 Hour Rated, Add	*184.86*	
23 33 13 16-0312	EA	52" x 52" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	912.59	87.31
		For Spring Activated Horizontal Mount Operation, Add	*146.32*	
		For Dynamic Damper, Add	*351.16*	
		For 3 Hour Rated, Add	*195.09*	
23 33 13 16-0313	EA	56" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	363.02	34.97
		For Spring Activated Horizontal Mount Operation, Add	*58.07*	
		For Dynamic Damper, Add	*139.38*	
		For 3 Hour Rated, Add	*77.43*	
23 33 13 16-0314	EA	56" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	391.71	38.82
		For Spring Activated Horizontal Mount Operation, Add	*61.91*	
		For Dynamic Damper, Add	*148.58*	
		For 3 Hour Rated, Add	*82.54*	
23 33 13 16-0315	EA	56" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	413.63	42.67
		For Spring Activated Horizontal Mount Operation, Add	*64.22*	
		For Dynamic Damper, Add	*154.12*	
		For 3 Hour Rated, Add	*85.62*	
23 33 13 16-0316	EA	56" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	428.68	46.63
		For Spring Activated Horizontal Mount Operation, Add	*64.98*	
		For Dynamic Damper, Add	*155.95*	
		For 3 Hour Rated, Add	*86.64*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0317	EA	56" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	459.11	50.47
		For Spring Activated Horizontal Mount Operation, Add	*69.20*	
		For Dynamic Damper, Add	*166.08*	
		For 3 Hour Rated, Add	*92.27*	
23 33 13 16-0318	EA	56" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	489.52	54.32
		For Spring Activated Horizontal Mount Operation, Add	*73.42*	
		For Dynamic Damper, Add	*176.21*	
		For 3 Hour Rated, Add	*97.89*	
23 33 13 16-0319	EA	56" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	519.93	58.29
		For Spring Activated Horizontal Mount Operation, Add	*77.64*	
		For Dynamic Damper, Add	*186.34*	
		For 3 Hour Rated, Add	*103.52*	
23 33 13 16-0320	EA	56" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	550.34	62.13
		For Spring Activated Horizontal Mount Operation, Add	*81.86*	
		For Dynamic Damper, Add	*196.46*	
		For 3 Hour Rated, Add	*109.15*	
23 33 13 16-0321	EA	56" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	602.91	65.98
		For Spring Activated Horizontal Mount Operation, Add	*91.06*	
		For Dynamic Damper, Add	*218.55*	
		For 3 Hour Rated, Add	*121.42*	
23 33 13 16-0322	EA	56" x 28" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	649.68	67.96
		For Spring Activated Horizontal Mount Operation, Add	*100.28*	
		For Dynamic Damper, Add	*240.66*	
		For 3 Hour Rated, Add	*133.70*	
23 33 13 16-0323	EA	56" x 32" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	693.02	69.82
		For Spring Activated Horizontal Mount Operation, Add	*108.72*	
		For Dynamic Damper, Add	*260.92*	
		For 3 Hour Rated, Add	*144.95*	
23 33 13 16-0324	EA	56" x 36" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	752.44	73.79
		For Spring Activated Horizontal Mount Operation, Add	*119.46*	
		For Dynamic Damper, Add	*286.71*	
		For 3 Hour Rated, Add	*159.28*	
23 33 13 16-0325	EA	56" x 40" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	805.00	77.64
		For Spring Activated Horizontal Mount Operation, Add	*128.67*	
		For Dynamic Damper, Add	*308.80*	
		For 3 Hour Rated, Add	*171.56*	
23 33 13 16-0326	EA	56" x 44" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	860.99	81.48
		For Spring Activated Horizontal Mount Operation, Add	*138.64*	
		For Dynamic Damper, Add	*332.74*	
		For 3 Hour Rated, Add	*184.86*	
23 33 13 16-0327	EA	56" x 48" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	906.76	85.45
		For Spring Activated Horizontal Mount Operation, Add	*146.32*	
		For Dynamic Damper, Add	*351.16*	
		For 3 Hour Rated, Add	*195.09*	
23 33 13 16-0328	EA	56" x 52" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	962.76	89.30
		For Spring Activated Horizontal Mount Operation, Add	*156.29*	
		For Dynamic Damper, Add	*375.11*	
		For 3 Hour Rated, Add	*208.39*	
23 33 13 16-0329	EA	56" x 56" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,018.76	93.14
		For Spring Activated Horizontal Mount Operation, Add	*166.27*	
		For Dynamic Damper, Add	*399.05*	
		For 3 Hour Rated, Add	*221.69*	
23 33 13 16-0330	EA	60" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	384.90	38.82
		For Spring Activated Horizontal Mount Operation, Add	*60.37*	
		For Dynamic Damper, Add	*144.90*	
		For 3 Hour Rated, Add	*80.50*	
23 33 13 16-0331	EA	60" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	413.63	42.67
		For Spring Activated Horizontal Mount Operation, Add	*64.22*	
		For Dynamic Damper, Add	*154.12*	
		For 3 Hour Rated, Add	*85.62*	
23 33 13 16-0332	EA	60" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	432.08	46.63
		For Spring Activated Horizontal Mount Operation, Add	*65.74*	
		For Dynamic Damper, Add	*157.78*	
		For 3 Hour Rated, Add	*87.66*	
23 33 13 16-0333	EA	60" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	447.17	50.47
		For Spring Activated Horizontal Mount Operation, Add	*66.51*	
		For Dynamic Damper, Add	*159.63*	
		For 3 Hour Rated, Add	*88.69*	
23 33 13 16-0334	EA	60" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	479.30	54.32
		For Spring Activated Horizontal Mount Operation, Add	*71.12*	
		For Dynamic Damper, Add	*170.69*	
		For 3 Hour Rated, Add	*94.83*	
23 33 13 16-0335	EA	60" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	511.39	58.29
		For Spring Activated Horizontal Mount Operation, Add	*75.72*	
		For Dynamic Damper, Add	*181.73*	
		For 3 Hour Rated, Add	*100.96*	
23 33 13 16-0336	EA	60" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	545.22	62.13
		For Spring Activated Horizontal Mount Operation, Add	*80.71*	
		For Dynamic Damper, Add	*193.70*	
		For 3 Hour Rated, Add	*107.61*	
23 33 13 16-0337	EA	60" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	579.05	65.98
		For Spring Activated Horizontal Mount Operation, Add	*85.70*	
		For Dynamic Damper, Add	*205.67*	
		For 3 Hour Rated, Add	*114.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0338	EA	60" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	629.21	67.96
		For Spring Activated Horizontal Mount Operation, Add	*95.67*	
		For Dynamic Damper, Add	*229.61*	
		For 3 Hour Rated, Add	*127.56*	
23 33 13 16-0339	EA	60" x 28" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	675.97	69.82
		For Spring Activated Horizontal Mount Operation, Add	*104.88*	
		For Dynamic Damper, Add	*251.71*	
		For 3 Hour Rated, Add	*139.84*	
23 33 13 16-0340	EA	60" x 32" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	731.98	73.79
		For Spring Activated Horizontal Mount Operation, Add	*114.86*	
		For Dynamic Damper, Add	*275.66*	
		For 3 Hour Rated, Add	*153.14*	
23 33 13 16-0341	EA	60" x 36" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	787.97	77.64
		For Spring Activated Horizontal Mount Operation, Add	*124.83*	
		For Dynamic Damper, Add	*299.60*	
		For 3 Hour Rated, Add	*166.45*	
23 33 13 16-0342	EA	60" x 40" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	833.72	81.48
		For Spring Activated Horizontal Mount Operation, Add	*132.51*	
		For Dynamic Damper, Add	*318.02*	
		For 3 Hour Rated, Add	*176.68*	
23 33 13 16-0343	EA	60" x 44" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	899.94	85.45
		For Spring Activated Horizontal Mount Operation, Add	*144.78*	
		For Dynamic Damper, Add	*347.48*	
		For 3 Hour Rated, Add	*193.04*	
23 33 13 16-0344	EA	60" x 48" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	959.34	89.30
		For Spring Activated Horizontal Mount Operation, Add	*155.52*	
		For Dynamic Damper, Add	*373.26*	
		For 3 Hour Rated, Add	*207.37*	
23 33 13 16-0345	EA	60" x 52" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,018.76	93.14
		For Spring Activated Horizontal Mount Operation, Add	*166.27*	
		For Dynamic Damper, Add	*399.05*	
		For 3 Hour Rated, Add	*221.69*	
23 33 13 16-0346	EA	60" x 56" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,071.31	97.11
		For Spring Activated Horizontal Mount Operation, Add	*175.47*	
		For Dynamic Damper, Add	*421.13*	
		For 3 Hour Rated, Add	*233.96*	
23 33 13 16-0347	EA	60" x 60" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,123.93	100.96
		For Spring Activated Horizontal Mount Operation, Add	*184.69*	
		For Dynamic Damper, Add	*443.25*	
		For 3 Hour Rated, Add	*246.25*	

23 33 13 16-0348 Round 2 Hour Fire Damper *(23 33 13 16)*

23 33 13 16-0349	EA	4" Round 2 Hour Fire Damper	125.75	23.32
23 33 13 16-0350	EA	5" Round 2 Hour Fire Damper	131.42	23.32
23 33 13 16-0351	EA	6" Round 2 Hour Fire Damper	154.78	26.46
23 33 13 16-0352	EA	7" Round 2 Hour Fire Damper	160.94	26.46
23 33 13 16-0353	EA	8" Round 2 Hour Fire Damper	193.98	29.15
23 33 13 16-0354	EA	9" Round 2 Hour Fire Damper	210.93	29.15
23 33 13 16-0355	EA	10" Round 2 Hour Fire Damper	234.40	32.41
23 33 13 16-0356	EA	12" Round 2 Hour Fire Damper	263.28	36.49
23 33 13 16-0357	EA	14" Round 2 Hour Fire Damper	299.16	41.61

23 33 13 16-0358 Round 4 Hour Fire Damper *(23 33 13 16)*

23 33 13 16-0359	EA	4" Round 4 Hour Fire Damper	141.61	26.46
23 33 13 16-0360	EA	5" Round 4 Hour Fire Damper	157.05	26.46
23 33 13 16-0361	EA	6" Round 4 Hour Fire Damper	178.00	29.15
23 33 13 16-0362	EA	7" Round 4 Hour Fire Damper	197.92	29.15
23 33 13 16-0363	EA	8" Round 4 Hour Fire Damper	224.36	32.41
23 33 13 16-0364	EA	9" Round 4 Hour Fire Damper	236.50	32.41
23 33 13 16-0365	EA	10" Round 4 Hour Fire Damper	263.65	36.49
23 33 13 16-0366	EA	12" Round 4 Hour Fire Damper	291.44	41.61
23 33 13 16-0367	EA	14" Round 4 Hour Fire Damper	340.03	48.61

23 33 13 19 Smoke-Control Dampers *(23 33 13)*

23 33 13 19-0001 Combination Smoke/Fire Damper *(23 33 13 19)*

Note: Leakage class I with Firestat UL 555S air foil blades.

23 33 13 19-0002	EA	6" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	598.72	19.41
		For Dynamic Damper, Add	*291.86*	
		For 3 Hour Rated, Add	*162.15*	
23 33 13 19-0003	EA	8" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	614.53	20.29
		For Dynamic Damper, Add	*298.99*	
		For 3 Hour Rated, Add	*166.10*	
23 33 13 19-0004	EA	8" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	628.26	20.46
		For Dynamic Damper, Add	*306.21*	
		For 3 Hour Rated, Add	*170.12*	
23 33 13 19-0005	EA	10" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	592.98	20.46
		For Dynamic Damper, Add	*287.16*	
		For 3 Hour Rated, Add	*159.53*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 19-0006	EA	10" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	607.18	20.98
		For Dynamic Damper, Add	*293.88*	
		For 3 Hour Rated, Add	*163.27*	
23 33 13 19-0007	EA	10" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	639.16	23.26
		For Dynamic Damper, Add	*307.37*	
		For 3 Hour Rated, Add	*170.76*	
23 33 13 19-0008	EA	12" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	607.18	20.98
		For Dynamic Damper, Add	*293.88*	
		For 3 Hour Rated, Add	*163.27*	
23 33 13 19-0009	EA	12" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	635.66	22.21
		For Dynamic Damper, Add	*307.37*	
		For 3 Hour Rated, Add	*170.76*	
23 33 13 19-0010	EA	12" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	651.62	23.26
		For Dynamic Damper, Add	*314.10*	
		For 3 Hour Rated, Add	*174.50*	
23 33 13 19-0011	EA	12" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	672.88	26.23
		For Dynamic Damper, Add	*320.87*	
		For 3 Hour Rated, Add	*178.26*	
23 33 13 19-0012	EA	14" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	629.44	22.21
		For Dynamic Damper, Add	*304.01*	
		For 3 Hour Rated, Add	*168.90*	
23 33 13 19-0013	EA	14" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	651.62	23.26
		For Dynamic Damper, Add	*314.10*	
		For 3 Hour Rated, Add	*174.50*	
23 33 13 19-0014	EA	14" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	667.64	24.48
		For Dynamic Damper, Add	*320.87*	
		For 3 Hour Rated, Add	*178.26*	
23 33 13 19-0015	EA	14" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	685.41	26.23
		For Dynamic Damper, Add	*327.63*	
		For 3 Hour Rated, Add	*182.02*	
23 33 13 19-0016	EA	14" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	725.38	29.20
		For Dynamic Damper, Add	*344.49*	
		For 3 Hour Rated, Add	*191.39*	
23 33 13 19-0017	EA	16" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	711.88	23.26
		For Dynamic Damper, Add	*346.64*	
		For 3 Hour Rated, Add	*192.58*	
23 33 13 19-0018	EA	16" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	724.87	25.01
		For Dynamic Damper, Add	*350.83*	
		For 3 Hour Rated, Add	*194.90*	
23 33 13 19-0019	EA	16" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	739.62	27.46
		For Dynamic Damper, Add	*355.01*	
		For 3 Hour Rated, Add	*197.23*	
23 33 13 19-0020	EA	16" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	752.51	29.20
		For Dynamic Damper, Add	*359.14*	
		For 3 Hour Rated, Add	*199.52*	
23 33 13 19-0021	EA	16" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	780.60	32.00
		For Dynamic Damper, Add	*369.59*	
		For 3 Hour Rated, Add	*205.33*	
23 33 13 19-0022	EA	16" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	808.64	34.97
		For Dynamic Damper, Add	*380.01*	
		For 3 Hour Rated, Add	*211.12*	
23 33 13 19-0023	EA	18" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	723.12	24.48
		For Dynamic Damper, Add	*350.83*	
		For 3 Hour Rated, Add	*194.90*	
23 33 13 19-0024	EA	18" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	739.91	26.23
		For Dynamic Damper, Add	*357.06*	
		For 3 Hour Rated, Add	*198.37*	
23 33 13 19-0025	EA	18" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	760.31	29.20
		For Dynamic Damper, Add	*363.36*	
		For 3 Hour Rated, Add	*201.86*	
23 33 13 19-0026	EA	18" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	788.35	32.00
		For Dynamic Damper, Add	*373.78*	
		For 3 Hour Rated, Add	*207.65*	
23 33 13 19-0027	EA	18" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	812.49	34.97
		For Dynamic Damper, Add	*382.09*	
		For 3 Hour Rated, Add	*212.27*	
23 33 13 19-0028	EA	18" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	840.54	37.77
		For Dynamic Damper, Add	*392.52*	
		For 3 Hour Rated, Add	*218.06*	
23 33 13 19-0029	EA	18" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	860.88	40.75
		For Dynamic Damper, Add	*398.78*	
		For 3 Hour Rated, Add	*221.54*	
23 33 13 19-0030	EA	20" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	736.11	26.23
		For Dynamic Damper, Add	*355.01*	
		For 3 Hour Rated, Add	*197.23*	
23 33 13 19-0031	EA	20" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	760.26	29.20
		For Dynamic Damper, Add	*363.33*	
		For 3 Hour Rated, Add	*201.85*	
23 33 13 19-0032	EA	20" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	784.45	32.00
		For Dynamic Damper, Add	*371.67*	
		For 3 Hour Rated, Add	*206.48*	
23 33 13 19-0033	EA	20" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	824.14	34.97
		For Dynamic Damper, Add	*388.38*	
		For 3 Hour Rated, Add	*215.77*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 19-0034	EA	20" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	844.44	37.77
		For Dynamic Damper, Add	*394.62*	
		For 3 Hour Rated, Add	*219.23*	
23 33 13 19-0035	EA	20" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	864.73	40.75
		For Dynamic Damper, Add	*400.86*	
		For 3 Hour Rated, Add	*222.70*	
23 33 13 19-0036	EA	20" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	888.93	43.72
		For Dynamic Damper, Add	*409.20*	
		For 3 Hour Rated, Add	*227.33*	
23 33 13 19-0037	EA	20" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	913.06	46.52
		For Dynamic Damper, Add	*417.51*	
		For 3 Hour Rated, Add	*231.95*	
23 33 13 19-0038	EA	24" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	753.16	29.20
		For Dynamic Damper, Add	*359.49*	
		For 3 Hour Rated, Add	*199.72*	
23 33 13 19-0039	EA	24" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	777.52	32.00
		For Dynamic Damper, Add	*367.93*	
		For 3 Hour Rated, Add	*204.41*	
23 33 13 19-0040	EA	24" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	796.70	34.97
		For Dynamic Damper, Add	*373.57*	
		For 3 Hour Rated, Add	*207.54*	
23 33 13 19-0041	EA	24" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	821.00	37.77
		For Dynamic Damper, Add	*381.96*	
		For 3 Hour Rated, Add	*212.20*	
23 33 13 19-0042	EA	24" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	837.56	40.75
		For Dynamic Damper, Add	*386.19*	
		For 3 Hour Rated, Add	*214.55*	
23 33 13 19-0043	EA	24" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	854.08	43.72
		For Dynamic Damper, Add	*390.38*	
		For 3 Hour Rated, Add	*216.88*	
23 33 13 19-0044	EA	24" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	878.41	46.52
		For Dynamic Damper, Add	*398.80*	
		For 3 Hour Rated, Add	*221.56*	
23 33 13 19-0045	EA	24" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	911.49	52.46
		For Dynamic Damper, Add	*407.22*	
		For 3 Hour Rated, Add	*226.23*	
23 33 13 19-0046	EA	24" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	949.78	58.23
		For Dynamic Damper, Add	*418.46*	
		For 3 Hour Rated, Add	*232.48*	
23 33 13 19-0047	EA	28" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	777.52	32.00
		For Dynamic Damper, Add	*367.93*	
		For 3 Hour Rated, Add	*204.41*	
23 33 13 19-0048	EA	28" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	796.70	34.97
		For Dynamic Damper, Add	*373.57*	
		For 3 Hour Rated, Add	*207.54*	
23 33 13 19-0049	EA	28" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	821.00	37.77
		For Dynamic Damper, Add	*381.96*	
		For 3 Hour Rated, Add	*212.20*	
23 33 13 19-0050	EA	28" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	840.15	40.75
		For Dynamic Damper, Add	*387.59*	
		For 3 Hour Rated, Add	*215.33*	
23 33 13 19-0051	EA	28" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	861.90	43.72
		For Dynamic Damper, Add	*394.61*	
		For 3 Hour Rated, Add	*219.23*	
23 33 13 19-0052	EA	28" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	883.60	46.52
		For Dynamic Damper, Add	*401.60*	
		For 3 Hour Rated, Add	*223.11*	
23 33 13 19-0053	EA	28" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	916.68	52.46
		For Dynamic Damper, Add	*410.02*	
		For 3 Hour Rated, Add	*227.79*	
23 33 13 19-0054	EA	28" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	949.78	58.23
		For Dynamic Damper, Add	*418.46*	
		For 3 Hour Rated, Add	*232.48*	
23 33 13 19-0055	EA	28" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	989.71	61.21
		For Dynamic Damper, Add	*435.29*	
		For 3 Hour Rated, Add	*241.83*	
23 33 13 19-0056	EA	28" x 28" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,033.20	66.98
		For Dynamic Damper, Add	*449.33*	
		For 3 Hour Rated, Add	*249.63*	
23 33 13 19-0057	EA	32" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	812.25	34.97
		For Dynamic Damper, Add	*381.96*	
		For 3 Hour Rated, Add	*212.20*	
23 33 13 19-0058	EA	32" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	826.19	37.77
		For Dynamic Damper, Add	*384.77*	
		For 3 Hour Rated, Add	*213.76*	
23 33 13 19-0059	EA	32" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	840.15	40.75
		For Dynamic Damper, Add	*387.59*	
		For 3 Hour Rated, Add	*215.33*	
23 33 13 19-0060	EA	32" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	859.27	43.72
		For Dynamic Damper, Add	*393.18*	
		For 3 Hour Rated, Add	*218.44*	
23 33 13 19-0061	EA	32" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	884.57	46.52
		For Dynamic Damper, Add	*402.13*	
		For 3 Hour Rated, Add	*223.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 19-0062	EA	32" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	916.68	52.46
		For Dynamic Damper, Add	*410.02*	
		For 3 Hour Rated, Add	*227.79*	
23 33 13 19-0063	EA	32" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	955.00	58.23
		For Dynamic Damper, Add	*421.28*	
		For 3 Hour Rated, Add	*234.04*	
23 33 13 19-0064	EA	32" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	993.30	63.99
		For Dynamic Damper, Add	*432.51*	
		For 3 Hour Rated, Add	*240.29*	
23 33 13 19-0065	EA	32" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,033.20	66.98
		For Dynamic Damper, Add	*449.33*	
		For 3 Hour Rated, Add	*249.63*	
23 33 13 19-0066	EA	32" x 28" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,083.61	71.70
		For Dynamic Damper, Add	*469.01*	
		For 3 Hour Rated, Add	*260.56*	
23 33 13 19-0067	EA	32" x 32" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,137.40	75.71
		For Dynamic Damper, Add	*491.44*	
		For 3 Hour Rated, Add	*273.02*	
23 33 13 19-0068	EA	36" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	852.88	37.77
		For Dynamic Damper, Add	*399.18*	
		For 3 Hour Rated, Add	*221.77*	
23 33 13 19-0069	EA	36" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	872.88	40.75
		For Dynamic Damper, Add	*405.26*	
		For 3 Hour Rated, Add	*225.14*	
23 33 13 19-0070	EA	36" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	892.94	43.72
		For Dynamic Damper, Add	*411.37*	
		For 3 Hour Rated, Add	*228.54*	
23 33 13 19-0071	EA	36" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	918.65	46.52
		For Dynamic Damper, Add	*420.53*	
		For 3 Hour Rated, Add	*233.63*	
23 33 13 19-0072	EA	36" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	944.64	52.46
		For Dynamic Damper, Add	*425.12*	
		For 3 Hour Rated, Add	*236.18*	
23 33 13 19-0073	EA	36" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	961.85	55.26
		For Dynamic Damper, Add	*429.69*	
		For 3 Hour Rated, Add	*238.72*	
23 33 13 19-0074	EA	36" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,016.36	63.99
		For Dynamic Damper, Add	*444.97*	
		For 3 Hour Rated, Add	*247.20*	
23 33 13 19-0075	EA	36" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,062.05	69.95
		For Dynamic Damper, Add	*460.19*	
		For 3 Hour Rated, Add	*255.66*	
23 33 13 19-0076	EA	36" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,102.95	72.22
		For Dynamic Damper, Add	*478.50*	
		For 3 Hour Rated, Add	*265.84*	
23 33 13 19-0077	EA	36" x 28" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,163.91	77.47
		For Dynamic Damper, Add	*502.92*	
		For 3 Hour Rated, Add	*279.40*	
23 33 13 19-0078	EA	36" x 32" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,215.65	81.48
		For Dynamic Damper, Add	*524.26*	
		For 3 Hour Rated, Add	*291.26*	
23 33 13 19-0079	EA	36" x 36" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,269.61	84.45
		For Dynamic Damper, Add	*548.67*	
		For 3 Hour Rated, Add	*304.82*	
23 33 13 19-0080	EA	40" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,377.40	43.72
		For Dynamic Damper, Add	*677.70*	
		For 3 Hour Rated, Add	*376.50*	
23 33 13 19-0081	EA	40" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,416.45	46.52
		For Dynamic Damper, Add	*694.06*	
		For 3 Hour Rated, Add	*385.59*	
23 33 13 19-0082	EA	40" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,432.80	49.49
		For Dynamic Damper, Add	*698.17*	
		For 3 Hour Rated, Add	*387.87*	
23 33 13 19-0083	EA	40" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,449.15	52.46
		For Dynamic Damper, Add	*702.28*	
		For 3 Hour Rated, Add	*390.16*	
23 33 13 19-0084	EA	40" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,493.18	55.26
		For Dynamic Damper, Add	*716.61*	
		For 3 Hour Rated, Add	*398.12*	
23 33 13 19-0085	EA	40" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,528.50	58.23
		For Dynamic Damper, Add	*730.97*	
		For 3 Hour Rated, Add	*406.09*	
23 33 13 19-0086	EA	40" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,585.09	66.98
		For Dynamic Damper, Add	*747.35*	
		For 3 Hour Rated, Add	*415.20*	
23 33 13 19-0087	EA	40" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,632.87	72.74
		For Dynamic Damper, Add	*763.72*	
		For 3 Hour Rated, Add	*424.29*	
23 33 13 19-0088	EA	40" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,692.42	77.47
		For Dynamic Damper, Add	*788.32*	
		For 3 Hour Rated, Add	*437.96*	
23 33 13 19-0089	EA	40" x 28" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,788.03	81.48
		For Dynamic Damper, Add	*833.34*	
		For 3 Hour Rated, Add	*462.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 19-0090	EA	40" x 32" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,847.50	86.21
		For Dynamic Damper, Add	*857.90*	
		For 3 Hour Rated, Add	*476.61*	
23 33 13 19-0091	EA	40" x 36" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,937.96	88.48
		For Dynamic Damper, Add	*902.97*	
		For 3 Hour Rated, Add	*501.65*	
23 33 13 19-0092	EA	40" x 40" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,027.82	93.20
		For Dynamic Damper, Add	*943.94*	
		For 3 Hour Rated, Add	*524.41*	
23 33 13 19-0093	EA	44" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,401.32	43.72
		For Dynamic Damper, Add	*685.89*	
		For 3 Hour Rated, Add	*381.05*	
23 33 13 19-0094	EA	44" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,440.41	46.52
		For Dynamic Damper, Add	*702.28*	
		For 3 Hour Rated, Add	*390.16*	
23 33 13 19-0095	EA	44" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,471.93	49.49
		For Dynamic Damper, Add	*714.58*	
		For 3 Hour Rated, Add	*396.99*	
23 33 13 19-0096	EA	44" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,488.29	52.46
		For Dynamic Damper, Add	*718.69*	
		For 3 Hour Rated, Add	*399.27*	
23 33 13 19-0097	EA	44" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,527.37	55.26
		For Dynamic Damper, Add	*735.08*	
		For 3 Hour Rated, Add	*408.38*	
23 33 13 19-0098	EA	44" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,566.41	58.23
		For Dynamic Damper, Add	*751.44*	
		For 3 Hour Rated, Add	*417.47*	
23 33 13 19-0099	EA	44" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,639.35	69.95
		For Dynamic Damper, Add	*771.94*	
		For 3 Hour Rated, Add	*428.85*	
23 33 13 19-0100	EA	44" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,694.69	75.71
		For Dynamic Damper, Add	*792.38*	
		For 3 Hour Rated, Add	*440.21*	
23 33 13 19-0101	EA	44" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,788.03	81.48
		For Dynamic Damper, Add	*833.34*	
		For 3 Hour Rated, Add	*462.97*	
23 33 13 19-0102	EA	44" x 28" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,873.77	87.43
		For Dynamic Damper, Add	*870.20*	
		For 3 Hour Rated, Add	*483.44*	
23 33 13 19-0103	EA	44" x 32" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,967.08	93.20
		For Dynamic Damper, Add	*911.14*	
		For 3 Hour Rated, Add	*506.19*	
23 33 13 19-0104	EA	44" x 36" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,044.07	96.00
		For Dynamic Damper, Add	*948.00*	
		For 3 Hour Rated, Add	*526.67*	
23 33 13 19-0105	EA	44" x 40" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,121.12	98.97
		For Dynamic Damper, Add	*984.88*	
		For 3 Hour Rated, Add	*547.16*	
23 33 13 19-0106	EA	44" x 44" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,198.16	101.94
		For Dynamic Damper, Add	*1,021.76*	
		For 3 Hour Rated, Add	*567.65*	
23 33 13 19-0107	EA	48" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,432.80	46.52
		For Dynamic Damper, Add	*698.17*	
		For 3 Hour Rated, Add	*387.87*	
23 33 13 19-0108	EA	48" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,471.93	49.49
		For Dynamic Damper, Add	*714.58*	
		For 3 Hour Rated, Add	*396.99*	
23 33 13 19-0109	EA	48" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,488.29	52.46
		For Dynamic Damper, Add	*718.69*	
		For 3 Hour Rated, Add	*399.27*	
23 33 13 19-0110	EA	48" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,528.50	58.23
		For Dynamic Damper, Add	*730.97*	
		For 3 Hour Rated, Add	*406.09*	
23 33 13 19-0111	EA	48" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,576.34	63.99
		For Dynamic Damper, Add	*747.35*	
		For 3 Hour Rated, Add	*415.20*	
23 33 13 19-0112	EA	48" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,624.13	69.95
		For Dynamic Damper, Add	*763.72*	
		For 3 Hour Rated, Add	*424.29*	
23 33 13 19-0113	EA	48" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,687.17	75.71
		For Dynamic Damper, Add	*788.32*	
		For 3 Hour Rated, Add	*437.96*	
23 33 13 19-0114	EA	48" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,750.12	81.48
		For Dynamic Damper, Add	*812.87*	
		For 3 Hour Rated, Add	*451.60*	
23 33 13 19-0115	EA	48" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,835.87	87.43
		For Dynamic Damper, Add	*849.73*	
		For 3 Hour Rated, Add	*472.07*	
23 33 13 19-0116	EA	48" x 28" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,936.73	93.20
		For Dynamic Damper, Add	*894.75*	
		For 3 Hour Rated, Add	*497.09*	
23 33 13 19-0117	EA	48" x 32" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,013.82	96.00
		For Dynamic Damper, Add	*931.66*	
		For 3 Hour Rated, Add	*517.59*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 19-0118	EA	48" x 36" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,113.51	98.97
		For Dynamic Damper, Add	*980.77*	
		For 3 Hour Rated, Add	*544.87*	
23 33 13 19-0119	EA	48" x 40" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,199.29	104.74
		For Dynamic Damper, Add	*1,017.65*	
		For 3 Hour Rated, Add	*565.36*	
23 33 13 19-0120	EA	48" x 44" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,299.08	107.71
		For Dynamic Damper, Add	*1,066.81*	
		For 3 Hour Rated, Add	*592.67*	
23 33 13 19-0121	EA	48" x 48" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,385.95	116.46
		For Dynamic Damper, Add	*1,099.56*	
		For 3 Hour Rated, Add	*610.87*	
23 33 13 19-0122	EA	52" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,464.32	49.49
		For Dynamic Damper, Add	*710.47*	
		For 3 Hour Rated, Add	*394.71*	
23 33 13 19-0123	EA	52" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,503.42	52.46
		For Dynamic Damper, Add	*726.86*	
		For 3 Hour Rated, Add	*403.81*	
23 33 13 19-0124	EA	52" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,551.24	58.23
		For Dynamic Damper, Add	*743.25*	
		For 3 Hour Rated, Add	*412.91*	
23 33 13 19-0125	EA	52" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,576.34	63.99
		For Dynamic Damper, Add	*747.35*	
		For 3 Hour Rated, Add	*415.20*	
23 33 13 19-0126	EA	52" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,627.98	69.95
		For Dynamic Damper, Add	*765.80*	
		For 3 Hour Rated, Add	*425.44*	
23 33 13 19-0127	EA	52" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,679.56	75.71
		For Dynamic Damper, Add	*784.21*	
		For 3 Hour Rated, Add	*435.67*	
23 33 13 19-0128	EA	52" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,742.56	81.48
		For Dynamic Damper, Add	*808.79*	
		For 3 Hour Rated, Add	*449.33*	
23 33 13 19-0129	EA	52" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,805.52	87.43
		For Dynamic Damper, Add	*833.34*	
		For 3 Hour Rated, Add	*462.97*	
23 33 13 19-0130	EA	52" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,891.26	93.20
		For Dynamic Damper, Add	*870.20*	
		For 3 Hour Rated, Add	*483.44*	
23 33 13 19-0131	EA	52" x 28" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,999.79	98.97
		For Dynamic Damper, Add	*919.36*	
		For 3 Hour Rated, Add	*510.76*	
23 33 13 19-0132	EA	52" x 32" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,084.30	101.94
		For Dynamic Damper, Add	*960.28*	
		For 3 Hour Rated, Add	*533.49*	
23 33 13 19-0133	EA	52" x 36" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,191.73	104.74
		For Dynamic Damper, Add	*1,013.57*	
		For 3 Hour Rated, Add	*563.09*	
23 33 13 19-0134	EA	52" x 40" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,300.16	110.69
		For Dynamic Damper, Add	*1,062.68*	
		For 3 Hour Rated, Add	*590.38*	
23 33 13 19-0135	EA	52" x 44" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,385.95	116.46
		For Dynamic Damper, Add	*1,099.56*	
		For 3 Hour Rated, Add	*610.87*	
23 33 13 19-0136	EA	52" x 48" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,503.16	125.20
		For Dynamic Damper, Add	*1,148.69*	
		For 3 Hour Rated, Add	*638.16*	
23 33 13 19-0137	EA	52" x 52" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,596.51	130.97
		For Dynamic Damper, Add	*1,189.66*	
		For 3 Hour Rated, Add	*660.92*	
23 33 13 19-0138	EA	56" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,488.29	52.46
		For Dynamic Damper, Add	*718.69*	
		For 3 Hour Rated, Add	*399.27*	
23 33 13 19-0139	EA	56" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,543.63	58.23
		For Dynamic Damper, Add	*739.14*	
		For 3 Hour Rated, Add	*410.63*	
23 33 13 19-0140	EA	56" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,583.90	63.99
		For Dynamic Damper, Add	*751.44*	
		For 3 Hour Rated, Add	*417.47*	
23 33 13 19-0141	EA	56" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,608.96	69.95
		For Dynamic Damper, Add	*755.52*	
		For 3 Hour Rated, Add	*419.74*	
23 33 13 19-0142	EA	56" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,668.19	75.71
		For Dynamic Damper, Add	*778.07*	
		For 3 Hour Rated, Add	*432.26*	
23 33 13 19-0143	EA	56" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,727.39	81.48
		For Dynamic Damper, Add	*800.60*	
		For 3 Hour Rated, Add	*444.78*	
23 33 13 19-0144	EA	56" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,786.54	87.43
		For Dynamic Damper, Add	*823.10*	
		For 3 Hour Rated, Add	*457.28*	
23 33 13 19-0145	EA	56" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,845.75	93.20
		For Dynamic Damper, Add	*845.62*	
		For 3 Hour Rated, Add	*469.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 19-0146	EA	56" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,954.22	98.97
		For Dynamic Damper, Add	*894.75*	
		For 3 Hour Rated, Add	*497.09*	
23 33 13 19-0147	EA	56" x 28" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,054.05	101.94
		For Dynamic Damper, Add	*943.94*	
		For 3 Hour Rated, Add	*524.41*	
23 33 13 19-0148	EA	56" x 32" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,146.16	104.74
		For Dynamic Damper, Add	*988.96*	
		For 3 Hour Rated, Add	*549.42*	
23 33 13 19-0149	EA	56" x 36" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,269.86	110.69
		For Dynamic Damper, Add	*1,046.31*	
		For 3 Hour Rated, Add	*581.29*	
23 33 13 19-0150	EA	56" x 40" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,378.34	116.46
		For Dynamic Damper, Add	*1,095.45*	
		For 3 Hour Rated, Add	*608.58*	
23 33 13 19-0151	EA	56" x 44" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,494.43	122.23
		For Dynamic Damper, Add	*1,148.69*	
		For 3 Hour Rated, Add	*638.16*	
23 33 13 19-0152	EA	56" x 48" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,587.76	128.17
		For Dynamic Damper, Add	*1,189.66*	
		For 3 Hour Rated, Add	*660.92*	
23 33 13 19-0153	EA	56" x 52" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,703.85	133.94
		For Dynamic Damper, Add	*1,242.90*	
		For 3 Hour Rated, Add	*690.50*	
23 33 13 19-0154	EA	56" x 56" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,819.94	139.72
		For Dynamic Damper, Add	*1,296.15*	
		For 3 Hour Rated, Add	*720.08*	
23 33 13 19-0155	EA	60" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,528.50	58.23
		For Dynamic Damper, Add	*730.97*	
		For 3 Hour Rated, Add	*406.09*	
23 33 13 19-0156	EA	60" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,583.90	63.99
		For Dynamic Damper, Add	*751.44*	
		For 3 Hour Rated, Add	*417.47*	
23 33 13 19-0157	EA	60" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,616.56	69.95
		For Dynamic Damper, Add	*759.63*	
		For 3 Hour Rated, Add	*422.02*	
23 33 13 19-0158	EA	60" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,641.61	75.71
		For Dynamic Damper, Add	*763.72*	
		For 3 Hour Rated, Add	*424.29*	
23 33 13 19-0159	EA	60" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,704.65	81.48
		For Dynamic Damper, Add	*788.32*	
		For 3 Hour Rated, Add	*437.96*	
23 33 13 19-0160	EA	60" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,767.61	87.43
		For Dynamic Damper, Add	*812.87*	
		For 3 Hour Rated, Add	*451.60*	
23 33 13 19-0161	EA	60" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,834.38	93.20
		For Dynamic Damper, Add	*839.48*	
		For 3 Hour Rated, Add	*466.38*	
23 33 13 19-0162	EA	60" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,901.19	98.97
		For Dynamic Damper, Add	*866.12*	
		For 3 Hour Rated, Add	*481.18*	
23 33 13 19-0163	EA	60" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,008.53	101.94
		For Dynamic Damper, Add	*919.36*	
		For 3 Hour Rated, Add	*510.76*	
23 33 13 19-0164	EA	60" x 28" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,108.26	104.74
		For Dynamic Damper, Add	*968.50*	
		For 3 Hour Rated, Add	*538.05*	
23 33 13 19-0165	EA	60" x 32" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,224.39	110.69
		For Dynamic Damper, Add	*1,021.76*	
		For 3 Hour Rated, Add	*567.65*	
23 33 13 19-0166	EA	60" x 36" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,340.48	116.46
		For Dynamic Damper, Add	*1,075.01*	
		For 3 Hour Rated, Add	*597.23*	
23 33 13 19-0167	EA	60" x 40" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,433.79	122.23
		For Dynamic Damper, Add	*1,115.95*	
		For 3 Hour Rated, Add	*619.97*	
23 33 13 19-0168	EA	60" x 44" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,572.59	128.17
		For Dynamic Damper, Add	*1,181.47*	
		For 3 Hour Rated, Add	*656.37*	
23 33 13 19-0169	EA	60" x 48" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,696.29	133.94
		For Dynamic Damper, Add	*1,238.82*	
		For 3 Hour Rated, Add	*688.23*	
23 33 13 19-0170	EA	60" x 52" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,819.94	139.72
		For Dynamic Damper, Add	*1,296.15*	
		For 3 Hour Rated, Add	*720.08*	
23 33 13 19-0171	EA	60" x 56" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	2,928.36	145.66
		For Dynamic Damper, Add	*1,345.25*	
		For 3 Hour Rated, Add	*747.36*	
23 33 13 19-0172	EA	60" x 60" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	3,036.98	151.43
		For Dynamic Damper, Add	*1,394.46*	
		For 3 Hour Rated, Add	*774.70*	

23 33 13 19-0173 Smoke Damper *(23 33 13 19)*
Note: Leakage class I with Firestat UL 555S air foil blades.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 19-0174	EA	6" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	127.21	12.94
		For Dynamic Damper, Add	*47.73*	
		For 3 Hour Rated, Add	*26.52*	
23 33 13 19-0175	EA	8" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	131.18	13.52
		For Dynamic Damper, Add	*48.93*	
		For 3 Hour Rated, Add	*27.18*	
23 33 13 19-0176	EA	8" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	133.66	13.64
		For Dynamic Damper, Add	*50.14*	
		For 3 Hour Rated, Add	*27.86*	
23 33 13 19-0177	EA	10" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	133.66	13.64
		For Dynamic Damper, Add	*50.14*	
		For 3 Hour Rated, Add	*27.86*	
23 33 13 19-0178	EA	10" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	137.06	13.99
		For Dynamic Damper, Add	*51.35*	
		For 3 Hour Rated, Add	*28.53*	
23 33 13 19-0179	EA	10" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	146.19	15.51
		For Dynamic Damper, Add	*53.76*	
		For 3 Hour Rated, Add	*29.87*	
23 33 13 19-0180	EA	12" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	137.06	13.99
		For Dynamic Damper, Add	*51.35*	
		For 3 Hour Rated, Add	*28.53*	
23 33 13 19-0181	EA	12" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	143.86	14.80
		For Dynamic Damper, Add	*53.76*	
		For 3 Hour Rated, Add	*29.87*	
23 33 13 19-0182	EA	12" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	148.44	15.51
		For Dynamic Damper, Add	*54.98*	
		For 3 Hour Rated, Add	*30.54*	
23 33 13 19-0183	EA	12" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	156.50	17.49
		For Dynamic Damper, Add	*56.18*	
		For 3 Hour Rated, Add	*31.21*	
23 33 13 19-0184	EA	14" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	142.75	14.80
		For Dynamic Damper, Add	*53.16*	
		For 3 Hour Rated, Add	*29.54*	
23 33 13 19-0185	EA	14" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	148.44	15.51
		For Dynamic Damper, Add	*54.98*	
		For 3 Hour Rated, Add	*30.54*	
23 33 13 19-0186	EA	14" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	153.00	16.32
		For Dynamic Damper, Add	*56.18*	
		For 3 Hour Rated, Add	*31.21*	
23 33 13 19-0187	EA	14" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	158.75	17.49
		For Dynamic Damper, Add	*57.40*	
		For 3 Hour Rated, Add	*31.89*	
23 33 13 19-0188	EA	14" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	170.17	19.47
		For Dynamic Damper, Add	*60.42*	
		For 3 Hour Rated, Add	*33.56*	
23 33 13 19-0189	EA	16" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	229.94	15.51
		For Dynamic Damper, Add	*98.99*	
		For 3 Hour Rated, Add	*54.99*	
23 33 13 19-0190	EA	16" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	235.67	16.67
		For Dynamic Damper, Add	*100.19*	
		For 3 Hour Rated, Add	*55.66*	
23 33 13 19-0191	EA	16" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	242.58	18.30
		For Dynamic Damper, Add	*101.41*	
		For 3 Hour Rated, Add	*56.34*	
23 33 13 19-0192	EA	16" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	248.30	19.47
		For Dynamic Damper, Add	*102.61*	
		For 3 Hour Rated, Add	*57.00*	
23 33 13 19-0193	EA	16" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	259.75	21.33
		For Dynamic Damper, Add	*105.64*	
		For 3 Hour Rated, Add	*58.69*	
23 33 13 19-0194	EA	16" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	271.17	23.32
		For Dynamic Damper, Add	*108.66*	
		For 3 Hour Rated, Add	*60.37*	
23 33 13 19-0195	EA	18" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	234.50	16.32
		For Dynamic Damper, Add	*100.19*	
		For 3 Hour Rated, Add	*55.66*	
23 33 13 19-0196	EA	18" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	241.36	17.49
		For Dynamic Damper, Add	*102.01*	
		For 3 Hour Rated, Add	*56.67*	
23 33 13 19-0197	EA	18" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	250.56	19.47
		For Dynamic Damper, Add	*103.83*	
		For 3 Hour Rated, Add	*57.68*	
23 33 13 19-0198	EA	18" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	261.99	21.33
		For Dynamic Damper, Add	*106.85*	
		For 3 Hour Rated, Add	*59.36*	
23 33 13 19-0199	EA	18" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	272.28	23.32
		For Dynamic Damper, Add	*109.26*	
		For 3 Hour Rated, Add	*60.70*	
23 33 13 19-0200	EA	18" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	283.71	25.18
		For Dynamic Damper, Add	*112.29*	
		For 3 Hour Rated, Add	*62.38*	
23 33 13 19-0201	EA	18" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	292.90	27.16
		For Dynamic Damper, Add	*114.10*	
		For 3 Hour Rated, Add	*63.39*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 19-0202	EA	20" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	240.25	17.49
		For Dynamic Damper, Add	*101.41*	
		For 3 Hour Rated, Add	*56.34*	
23 33 13 19-0203	EA	20" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	250.55	19.47
		For Dynamic Damper, Add	*103.82*	
		For 3 Hour Rated, Add	*57.68*	
23 33 13 19-0204	EA	20" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	260.86	21.33
		For Dynamic Damper, Add	*106.24*	
		For 3 Hour Rated, Add	*59.02*	
23 33 13 19-0205	EA	20" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	275.66	23.32
		For Dynamic Damper, Add	*111.08*	
		For 3 Hour Rated, Add	*61.71*	
23 33 13 19-0206	EA	20" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	284.83	25.18
		For Dynamic Damper, Add	*112.89*	
		For 3 Hour Rated, Add	*62.72*	
23 33 13 19-0207	EA	20" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	294.02	27.16
		For Dynamic Damper, Add	*114.71*	
		For 3 Hour Rated, Add	*63.73*	
23 33 13 19-0208	EA	20" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	304.32	29.15
		For Dynamic Damper, Add	*117.12*	
		For 3 Hour Rated, Add	*65.07*	
23 33 13 19-0209	EA	20" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	314.61	31.01
		For Dynamic Damper, Add	*119.53*	
		For 3 Hour Rated, Add	*66.41*	
23 33 13 19-0210	EA	24" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	317.98	19.47
		For Dynamic Damper, Add	*140.23*	
		For 3 Hour Rated, Add	*77.91*	
23 33 13 19-0211	EA	24" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	330.54	21.33
		For Dynamic Damper, Add	*143.87*	
		For 3 Hour Rated, Add	*79.93*	
23 33 13 19-0212	EA	24" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	340.86	23.32
		For Dynamic Damper, Add	*146.29*	
		For 3 Hour Rated, Add	*81.27*	
23 33 13 19-0213	EA	24" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	353.39	25.18
		For Dynamic Damper, Add	*149.91*	
		For 3 Hour Rated, Add	*83.29*	
23 33 13 19-0214	EA	24" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	362.58	27.16
		For Dynamic Damper, Add	*151.73*	
		For 3 Hour Rated, Add	*84.29*	
23 33 13 19-0215	EA	24" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	371.75	29.15
		For Dynamic Damper, Add	*153.53*	
		For 3 Hour Rated, Add	*85.30*	
23 33 13 19-0216	EA	24" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	384.30	31.01
		For Dynamic Damper, Add	*157.16*	
		For 3 Hour Rated, Add	*87.31*	
23 33 13 19-0217	EA	24" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	402.66	34.97
		For Dynamic Damper, Add	*160.79*	
		For 3 Hour Rated, Add	*89.33*	
23 33 13 19-0218	EA	24" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	423.29	38.82
		For Dynamic Damper, Add	*165.63*	
		For 3 Hour Rated, Add	*92.02*	
23 33 13 19-0219	EA	28" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	330.54	21.33
		For Dynamic Damper, Add	*143.87*	
		For 3 Hour Rated, Add	*79.93*	
23 33 13 19-0220	EA	28" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	340.86	23.32
		For Dynamic Damper, Add	*146.29*	
		For 3 Hour Rated, Add	*81.27*	
23 33 13 19-0221	EA	28" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	353.39	25.18
		For Dynamic Damper, Add	*149.91*	
		For 3 Hour Rated, Add	*83.29*	
23 33 13 19-0222	EA	28" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	363.69	27.16
		For Dynamic Damper, Add	*152.33*	
		For 3 Hour Rated, Add	*84.63*	
23 33 13 19-0223	EA	28" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	375.11	29.15
		For Dynamic Damper, Add	*155.35*	
		For 3 Hour Rated, Add	*86.30*	
23 33 13 19-0224	EA	28" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	386.53	31.01
		For Dynamic Damper, Add	*158.37*	
		For 3 Hour Rated, Add	*87.98*	
23 33 13 19-0225	EA	28" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	404.90	34.97
		For Dynamic Damper, Add	*161.99*	
		For 3 Hour Rated, Add	*90.00*	
23 33 13 19-0226	EA	28" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	423.29	38.82
		For Dynamic Damper, Add	*165.63*	
		For 3 Hour Rated, Add	*92.02*	
23 33 13 19-0227	EA	28" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	442.53	40.80
		For Dynamic Damper, Add	*172.87*	
		For 3 Hour Rated, Add	*96.04*	
23 33 13 19-0228	EA	28" x 28" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	465.39	44.64
		For Dynamic Damper, Add	*178.92*	
		For 3 Hour Rated, Add	*99.40*	
23 33 13 19-0229	EA	32" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	347.57	23.32
		For Dynamic Damper, Add	*149.91*	
		For 3 Hour Rated, Add	*83.29*	

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23 33 13 19-0230	EA	32" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	355.61	25.18
		For Dynamic Damper, Add	*151.11*	
		For 3 Hour Rated, Add	*83.95*	
23 33 13 19-0231	EA	32" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	363.69	27.16
		For Dynamic Damper, Add	*152.33*	
		For 3 Hour Rated, Add	*84.63*	
23 33 13 19-0232	EA	32" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	373.98	29.15
		For Dynamic Damper, Add	*154.74*	
		For 3 Hour Rated, Add	*85.97*	
23 33 13 19-0233	EA	32" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	386.95	31.01
		For Dynamic Damper, Add	*158.59*	
		For 3 Hour Rated, Add	*88.11*	
23 33 13 19-0234	EA	32" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	404.90	34.97
		For Dynamic Damper, Add	*161.99*	
		For 3 Hour Rated, Add	*90.00*	
23 33 13 19-0235	EA	32" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	425.52	38.82
		For Dynamic Damper, Add	*166.83*	
		For 3 Hour Rated, Add	*92.69*	
23 33 13 19-0236	EA	32" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	446.15	42.67
		For Dynamic Damper, Add	*171.68*	
		For 3 Hour Rated, Add	*95.38*	
23 33 13 19-0237	EA	32" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	465.39	44.64
		For Dynamic Damper, Add	*178.92*	
		For 3 Hour Rated, Add	*99.40*	
23 33 13 19-0238	EA	32" x 28" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	490.39	47.79
		For Dynamic Damper, Add	*187.39*	
		For 3 Hour Rated, Add	*104.10*	
23 33 13 19-0239	EA	32" x 32" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	516.46	50.47
		For Dynamic Damper, Add	*197.05*	
		For 3 Hour Rated, Add	*109.47*	
23 33 13 19-0240	EA	36" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	363.94	25.18
		For Dynamic Damper, Add	*155.61*	
		For 3 Hour Rated, Add	*86.45*	
23 33 13 19-0241	EA	36" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	374.45	27.16
		For Dynamic Damper, Add	*158.14*	
		For 3 Hour Rated, Add	*87.86*	
23 33 13 19-0242	EA	36" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	384.95	29.15
		For Dynamic Damper, Add	*160.66*	
		For 3 Hour Rated, Add	*89.26*	
23 33 13 19-0243	EA	36" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	397.83	31.01
		For Dynamic Damper, Add	*164.47*	
		For 3 Hour Rated, Add	*91.37*	
23 33 13 19-0244	EA	36" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	413.01	34.97
		For Dynamic Damper, Add	*166.37*	
		For 3 Hour Rated, Add	*92.43*	
23 33 13 19-0245	EA	36" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	422.36	36.84
		For Dynamic Damper, Add	*168.27*	
		For 3 Hour Rated, Add	*93.49*	
23 33 13 19-0246	EA	36" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	451.57	42.67
		For Dynamic Damper, Add	*174.60*	
		For 3 Hour Rated, Add	*97.00*	
23 33 13 19-0247	EA	36" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	474.94	46.63
		For Dynamic Damper, Add	*180.93*	
		For 3 Hour Rated, Add	*100.52*	
23 33 13 19-0248	EA	36" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	493.68	48.15
		For Dynamic Damper, Add	*188.53*	
		For 3 Hour Rated, Add	*104.74*	
23 33 13 19-0249	EA	36" x 28" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	522.91	51.64
		For Dynamic Damper, Add	*198.65*	
		For 3 Hour Rated, Add	*110.36*	
23 33 13 19-0250	EA	36" x 32" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	547.50	54.32
		For Dynamic Damper, Add	*207.52*	
		For 3 Hour Rated, Add	*115.29*	
23 33 13 19-0251	EA	36" x 36" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	572.08	56.30
		For Dynamic Damper, Add	*217.65*	
		For 3 Hour Rated, Add	*120.92*	
23 33 13 19-0252	EA	40" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	421.00	29.15
		For Dynamic Damper, Add	*183.28*	
		For 3 Hour Rated, Add	*101.82*	
23 33 13 19-0253	EA	40" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	436.20	31.01
		For Dynamic Damper, Add	*188.34*	
		For 3 Hour Rated, Add	*104.63*	
23 33 13 19-0254	EA	40" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	444.38	32.99
		For Dynamic Damper, Add	*189.60*	
		For 3 Hour Rated, Add	*105.34*	
23 33 13 19-0255	EA	40" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	452.56	34.97
		For Dynamic Damper, Add	*190.87*	
		For 3 Hour Rated, Add	*106.04*	
23 33 13 19-0256	EA	40" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	472.42	36.84
		For Dynamic Damper, Add	*195.31*	
		For 3 Hour Rated, Add	*108.50*	
23 33 13 19-0257	EA	40" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	486.47	38.82
		For Dynamic Damper, Add	*199.75*	
		For 3 Hour Rated, Add	*110.97*	

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23 33 13 19-0258	EA	40" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	513.33	44.64
		For Dynamic Damper, Add	*204.81*	
		For 3 Hour Rated, Add	*113.78*	
23 33 13 19-0259	EA	40" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	534.38	48.50
		For Dynamic Damper, Add	*209.88*	
		For 3 Hour Rated, Add	*116.60*	
23 33 13 19-0260	EA	40" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	557.76	51.64
		For Dynamic Damper, Add	*217.47*	
		For 3 Hour Rated, Add	*120.82*	
23 33 13 19-0261	EA	40" x 28" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	591.72	54.32
		For Dynamic Damper, Add	*231.40*	
		For 3 Hour Rated, Add	*128.55*	
23 33 13 19-0262	EA	40" x 32" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	615.09	57.47
		For Dynamic Damper, Add	*238.98*	
		For 3 Hour Rated, Add	*132.77*	
23 33 13 19-0263	EA	40" x 36" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	645.55	58.99
		For Dynamic Damper, Add	*252.91*	
		For 3 Hour Rated, Add	*140.51*	
23 33 13 19-0264	EA	40" x 40" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	678.34	62.13
		For Dynamic Damper, Add	*265.58*	
		For 3 Hour Rated, Add	*147.55*	
23 33 13 19-0265	EA	44" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	431.52	29.15
		For Dynamic Damper, Add	*185.81*	
		For 3 Hour Rated, Add	*103.23*	
23 33 13 19-0266	EA	44" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	446.73	31.01
		For Dynamic Damper, Add	*190.87*	
		For 3 Hour Rated, Add	*106.04*	
23 33 13 19-0267	EA	44" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	459.61	32.99
		For Dynamic Damper, Add	*194.68*	
		For 3 Hour Rated, Add	*108.16*	
23 33 13 19-0268	EA	44" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	467.78	34.97
		For Dynamic Damper, Add	*195.95*	
		For 3 Hour Rated, Add	*108.86*	
23 33 13 19-0269	EA	44" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	482.98	36.84
		For Dynamic Damper, Add	*201.01*	
		For 3 Hour Rated, Add	*111.67*	
23 33 13 19-0270	EA	44" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	498.19	38.82
		For Dynamic Damper, Add	*206.07*	
		For 3 Hour Rated, Add	*114.49*	
23 33 13 19-0271	EA	44" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	533.24	46.63
		For Dynamic Damper, Add	*212.41*	
		For 3 Hour Rated, Add	*118.01*	
23 33 13 19-0272	EA	44" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	556.61	50.47
		For Dynamic Damper, Add	*218.73*	
		For 3 Hour Rated, Add	*121.52*	
23 33 13 19-0273	EA	44" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	591.72	54.32
		For Dynamic Damper, Add	*231.40*	
		For 3 Hour Rated, Add	*128.55*	
23 33 13 19-0274	EA	44" x 28" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	624.48	58.29
		For Dynamic Damper, Add	*242.79*	
		For 3 Hour Rated, Add	*134.89*	
23 33 13 19-0275	EA	44" x 32" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	659.56	62.13
		For Dynamic Damper, Add	*255.44*	
		For 3 Hour Rated, Add	*141.91*	
23 33 13 19-0276	EA	44" x 36" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	686.50	63.99
		For Dynamic Damper, Add	*266.84*	
		For 3 Hour Rated, Add	*148.25*	
23 33 13 19-0277	EA	44" x 40" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	713.44	65.98
		For Dynamic Damper, Add	*278.24*	
		For 3 Hour Rated, Add	*154.58*	
23 33 13 19-0278	EA	44" x 44" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	740.38	67.96
		For Dynamic Damper, Add	*289.64*	
		For 3 Hour Rated, Add	*160.91*	
23 33 13 19-0279	EA	48" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	444.38	31.01
		For Dynamic Damper, Add	*189.60*	
		For 3 Hour Rated, Add	*105.34*	
23 33 13 19-0280	EA	48" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	459.61	32.99
		For Dynamic Damper, Add	*194.68*	
		For 3 Hour Rated, Add	*108.16*	
23 33 13 19-0281	EA	48" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	467.78	34.97
		For Dynamic Damper, Add	*195.95*	
		For 3 Hour Rated, Add	*108.86*	
23 33 13 19-0282	EA	48" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	486.47	38.82
		For Dynamic Damper, Add	*199.75*	
		For 3 Hour Rated, Add	*110.97*	
23 33 13 19-0283	EA	48" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	507.50	42.67
		For Dynamic Damper, Add	*204.81*	
		For 3 Hour Rated, Add	*113.78*	
23 33 13 19-0284	EA	48" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	528.55	46.63
		For Dynamic Damper, Add	*209.88*	
		For 3 Hour Rated, Add	*116.60*	
23 33 13 19-0285	EA	48" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	554.27	50.47
		For Dynamic Damper, Add	*217.47*	
		For 3 Hour Rated, Add	*120.82*	

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23 33 13 19-0286	EA	48" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	579.98	54.32
		For Dynamic Damper, Add	*225.06*	
		For 3 Hour Rated, Add	*125.03*	
23 33 13 19-0287	EA	48" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	612.74	58.29
		For Dynamic Damper, Add	*236.46*	
		For 3 Hour Rated, Add	*131.36*	
23 33 13 19-0288	EA	48" x 28" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	650.19	62.13
		For Dynamic Damper, Add	*250.38*	
		For 3 Hour Rated, Add	*139.10*	
23 33 13 19-0289	EA	48" x 32" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	677.14	63.99
		For Dynamic Damper, Add	*261.79*	
		For 3 Hour Rated, Add	*145.44*	
23 33 13 19-0290	EA	48" x 36" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	711.09	65.98
		For Dynamic Damper, Add	*276.97*	
		For 3 Hour Rated, Add	*153.87*	
23 33 13 19-0291	EA	48" x 40" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	743.86	69.82
		For Dynamic Damper, Add	*288.37*	
		For 3 Hour Rated, Add	*160.21*	
23 33 13 19-0292	EA	48" x 44" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	777.82	71.81
		For Dynamic Damper, Add	*303.56*	
		For 3 Hour Rated, Add	*168.65*	
23 33 13 19-0293	EA	48" x 48" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	814.07	77.64
		For Dynamic Damper, Add	*313.70*	
		For 3 Hour Rated, Add	*174.28*	
23 33 13 19-0294	EA	52" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	457.27	32.99
		For Dynamic Damper, Add	*193.42*	
		For 3 Hour Rated, Add	*107.45*	
23 33 13 19-0295	EA	52" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	472.46	34.97
		For Dynamic Damper, Add	*198.48*	
		For 3 Hour Rated, Add	*110.27*	
23 33 13 19-0296	EA	52" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	493.49	38.82
		For Dynamic Damper, Add	*203.54*	
		For 3 Hour Rated, Add	*113.08*	
23 33 13 19-0297	EA	52" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	507.50	42.67
		For Dynamic Damper, Add	*204.81*	
		For 3 Hour Rated, Add	*113.78*	
23 33 13 19-0298	EA	52" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	529.72	46.63
		For Dynamic Damper, Add	*210.51*	
		For 3 Hour Rated, Add	*116.95*	
23 33 13 19-0299	EA	52" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	551.93	50.47
		For Dynamic Damper, Add	*216.21*	
		For 3 Hour Rated, Add	*120.11*	
23 33 13 19-0300	EA	52" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	577.65	54.32
		For Dynamic Damper, Add	*223.80*	
		For 3 Hour Rated, Add	*124.33*	
23 33 13 19-0301	EA	52" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	603.37	58.29
		For Dynamic Damper, Add	*231.40*	
		For 3 Hour Rated, Add	*128.55*	
23 33 13 19-0302	EA	52" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	636.14	62.13
		For Dynamic Damper, Add	*242.79*	
		For 3 Hour Rated, Add	*134.89*	
23 33 13 19-0303	EA	52" x 28" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	675.92	65.98
		For Dynamic Damper, Add	*257.98*	
		For 3 Hour Rated, Add	*143.32*	
23 33 13 19-0304	EA	52" x 32" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	705.19	67.96
		For Dynamic Damper, Add	*270.64*	
		For 3 Hour Rated, Add	*150.35*	
23 33 13 19-0305	EA	52" x 36" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	741.51	69.82
		For Dynamic Damper, Add	*287.10*	
		For 3 Hour Rated, Add	*159.50*	
23 33 13 19-0306	EA	52" x 40" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	781.29	73.79
		For Dynamic Damper, Add	*302.29*	
		For 3 Hour Rated, Add	*167.94*	
23 33 13 19-0307	EA	52" x 44" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	814.07	77.64
		For Dynamic Damper, Add	*313.70*	
		For 3 Hour Rated, Add	*174.28*	
23 33 13 19-0308	EA	52" x 48" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	859.68	83.47
		For Dynamic Damper, Add	*328.89*	
		For 3 Hour Rated, Add	*182.72*	
23 33 13 19-0309	EA	52" x 52" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	894.80	87.31
		For Dynamic Damper, Add	*341.56*	
		For 3 Hour Rated, Add	*189.75*	
23 33 13 19-0310	EA	56" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	467.78	34.97
		For Dynamic Damper, Add	*195.95*	
		For 3 Hour Rated, Add	*108.86*	
23 33 13 19-0311	EA	56" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	491.14	38.82
		For Dynamic Damper, Add	*202.27*	
		For 3 Hour Rated, Add	*112.37*	
23 33 13 19-0312	EA	56" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	509.85	42.67
		For Dynamic Damper, Add	*206.07*	
		For 3 Hour Rated, Add	*114.49*	
23 33 13 19-0313	EA	56" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	523.84	46.63
		For Dynamic Damper, Add	*207.33*	
		For 3 Hour Rated, Add	*115.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 19-0314	EA	56" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	548.41	50.47
		For Dynamic Damper, Add	*214.30*	
		For 3 Hour Rated, Add	*119.06*	
23 33 13 19-0315	EA	56" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	572.96	54.32
		For Dynamic Damper, Add	*221.27*	
		For 3 Hour Rated, Add	*122.93*	
23 33 13 19-0316	EA	56" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	597.50	58.29
		For Dynamic Damper, Add	*228.23*	
		For 3 Hour Rated, Add	*126.79*	
23 33 13 19-0317	EA	56" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	622.06	62.13
		For Dynamic Damper, Add	*235.19*	
		For 3 Hour Rated, Add	*130.66*	
23 33 13 19-0318	EA	56" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	661.85	65.98
		For Dynamic Damper, Add	*250.38*	
		For 3 Hour Rated, Add	*139.10*	
23 33 13 19-0319	EA	56" x 28" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	695.83	67.96
		For Dynamic Damper, Add	*265.58*	
		For 3 Hour Rated, Add	*147.55*	
23 33 13 19-0320	EA	56" x 32" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	727.45	69.82
		For Dynamic Damper, Add	*279.51*	
		For 3 Hour Rated, Add	*155.28*	
23 33 13 19-0321	EA	56" x 36" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	771.93	73.79
		For Dynamic Damper, Add	*297.23*	
		For 3 Hour Rated, Add	*165.13*	
23 33 13 19-0322	EA	56" x 40" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	811.72	77.64
		For Dynamic Damper, Add	*312.43*	
		For 3 Hour Rated, Add	*173.57*	
23 33 13 19-0323	EA	56" x 44" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	853.85	81.48
		For Dynamic Damper, Add	*328.89*	
		For 3 Hour Rated, Add	*182.72*	
23 33 13 19-0324	EA	56" x 48" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	888.97	85.45
		For Dynamic Damper, Add	*341.56*	
		For 3 Hour Rated, Add	*189.75*	
23 33 13 19-0325	EA	56" x 52" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	931.11	89.30
		For Dynamic Damper, Add	*358.01*	
		For 3 Hour Rated, Add	*198.90*	
23 33 13 19-0326	EA	56" x 56" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	973.25	93.14
		For Dynamic Damper, Add	*374.47*	
		For 3 Hour Rated, Add	*208.04*	
23 33 13 19-0327	EA	60" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	486.47	38.82
		For Dynamic Damper, Add	*199.75*	
		For 3 Hour Rated, Add	*110.97*	
23 33 13 19-0328	EA	60" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	509.85	42.67
		For Dynamic Damper, Add	*206.07*	
		For 3 Hour Rated, Add	*114.49*	
23 33 13 19-0329	EA	60" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	526.18	46.63
		For Dynamic Damper, Add	*208.60*	
		For 3 Hour Rated, Add	*115.89*	
23 33 13 19-0330	EA	60" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	540.21	50.47
		For Dynamic Damper, Add	*209.88*	
		For 3 Hour Rated, Add	*116.60*	
23 33 13 19-0331	EA	60" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	565.93	54.32
		For Dynamic Damper, Add	*217.47*	
		For 3 Hour Rated, Add	*120.82*	
23 33 13 19-0332	EA	60" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	591.63	58.29
		For Dynamic Damper, Add	*225.06*	
		For 3 Hour Rated, Add	*125.03*	
23 33 13 19-0333	EA	60" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	618.54	62.13
		For Dynamic Damper, Add	*233.29*	
		For 3 Hour Rated, Add	*129.61*	
23 33 13 19-0334	EA	60" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	645.44	65.98
		For Dynamic Damper, Add	*241.52*	
		For 3 Hour Rated, Add	*134.18*	
23 33 13 19-0335	EA	60" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	681.75	67.96
		For Dynamic Damper, Add	*257.98*	
		For 3 Hour Rated, Add	*143.32*	
23 33 13 19-0336	EA	60" x 28" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	715.71	69.82
		For Dynamic Damper, Add	*273.17*	
		For 3 Hour Rated, Add	*151.76*	
23 33 13 19-0337	EA	60" x 32" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	757.87	73.79
		For Dynamic Damper, Add	*289.64*	
		For 3 Hour Rated, Add	*160.91*	
23 33 13 19-0338	EA	60" x 36" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	800.00	77.64
		For Dynamic Damper, Add	*306.10*	
		For 3 Hour Rated, Add	*170.06*	
23 33 13 19-0339	EA	60" x 40" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	835.09	81.48
		For Dynamic Damper, Add	*318.76*	
		For 3 Hour Rated, Add	*177.09*	
23 33 13 19-0340	EA	60" x 44" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	884.25	85.45
		For Dynamic Damper, Add	*339.01*	
		For 3 Hour Rated, Add	*188.34*	
23 33 13 19-0341	EA	60" x 48" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	928.74	89.30
		For Dynamic Damper, Add	*356.73*	
		For 3 Hour Rated, Add	*198.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 19-0342	EA	60" x 52" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	973.25	93.14
		For Dynamic Damper, Add	*374.47*	
		For 3 Hour Rated, Add	*208.04*	
23 33 13 19-0343	EA	60" x 56" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,013.01	97.11
		For Dynamic Damper, Add	*389.65*	
		For 3 Hour Rated, Add	*216.47*	
23 33 13 19-0344	EA	60" x 60" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,052.82	100.96
		For Dynamic Damper, Add	*404.85*	
		For 3 Hour Rated, Add	*224.92*	

23 33 13 23 Backdraft Dampers *(23 33 13)*

23 33 13 23-0001 Horizontally Mounted Backdraft Damper *(23 33 13 23)*

Note: Galvanized steel frame, aluminum blades. Exclude motor pack.

23 33 13 23-0002	EA	6" x 6" Horizontally Mounted Backdraft Damper	103.67	12.94
23 33 13 23-0003	EA	8" x 6" Horizontally Mounted Backdraft Damper	127.01	13.52
23 33 13 23-0004	EA	8" x 8" Horizontally Mounted Backdraft Damper	156.06	13.64
23 33 13 23-0005	EA	10" x 6" Horizontally Mounted Backdraft Damper	148.87	13.64
23 33 13 23-0006	EA	10" x 8" Horizontally Mounted Backdraft Damper	141.45	13.99
23 33 13 23-0007	EA	10" x 10" Horizontally Mounted Backdraft Damper	170.98	15.51
23 33 13 23-0008	EA	12" x 6" Horizontally Mounted Backdraft Damper	131.51	13.99
23 33 13 23-0009	EA	12" x 8" Horizontally Mounted Backdraft Damper	166.01	15.51
23 33 13 23-0010	EA	12" x 10" Horizontally Mounted Backdraft Damper	157.63	16.32
23 33 13 23-0011	EA	12" x 12" Horizontally Mounted Backdraft Damper	182.88	17.49
23 33 13 23-0012	EA	14" x 6" Horizontally Mounted Backdraft Damper	148.76	14.80
23 33 13 23-0013	EA	14" x 8" Horizontally Mounted Backdraft Damper	150.38	16.32
23 33 13 23-0014	EA	14" x 10" Horizontally Mounted Backdraft Damper	179.27	17.49
23 33 13 23-0015	EA	14" x 12" Horizontally Mounted Backdraft Damper	155.83	19.47
23 33 13 23-0016	EA	14" x 14" Horizontally Mounted Backdraft Damper	177.92	21.33
23 33 13 23-0017	EA	16" x 6" Horizontally Mounted Backdraft Damper	166.01	15.51
23 33 13 23-0018	EA	16" x 8" Horizontally Mounted Backdraft Damper	168.38	17.49
23 33 13 23-0019	EA	16" x 10" Horizontally Mounted Backdraft Damper	151.19	19.47
23 33 13 23-0020	EA	16" x 12" Horizontally Mounted Backdraft Damper	169.75	19.47
23 33 13 23-0021	EA	16" x 14" Horizontally Mounted Backdraft Damper	194.18	21.33
23 33 13 23-0022	EA	16" x 16" Horizontally Mounted Backdraft Damper	218.57	23.32
23 33 13 23-0023	EA	18" x 6" Horizontally Mounted Backdraft Damper	146.78	16.32
23 33 13 23-0024	EA	18" x 8" Horizontally Mounted Backdraft Damper	136.05	17.49
23 33 13 23-0025	EA	18" x 10" Horizontally Mounted Backdraft Damper	162.78	19.47
23 33 13 23-0026	EA	18" x 12" Horizontally Mounted Backdraft Damper	189.51	21.33
23 33 13 23-0027	EA	18" x 14" Horizontally Mounted Backdraft Damper	216.23	23.32
23 33 13 23-0028	EA	18" x 16" Horizontally Mounted Backdraft Damper	248.32	25.18
23 33 13 23-0029	EA	18" x 18" Horizontally Mounted Backdraft Damper	281.54	29.15
23 33 13 23-0030	EA	18" x 20" Horizontally Mounted Backdraft Damper	224.07	31.01
23 33 13 23-0031	EA	18" x 24" Horizontally Mounted Backdraft Damper	261.87	34.97
23 33 13 23-0032	EA	20" x 6" Horizontally Mounted Backdraft Damper	161.13	17.49
23 33 13 23-0033	EA	20" x 8" Horizontally Mounted Backdraft Damper	151.19	19.47
23 33 13 23-0034	EA	20" x 10" Horizontally Mounted Backdraft Damper	180.22	21.33
23 33 13 23-0035	EA	20" x 12" Horizontally Mounted Backdraft Damper	209.29	23.32
23 33 13 23-0036	EA	20" x 14" Horizontally Mounted Backdraft Damper	243.53	25.18
23 33 13 23-0037	EA	20" x 16" Horizontally Mounted Backdraft Damper	273.32	27.16
23 33 13 23-0038	EA	20" x 18" Horizontally Mounted Backdraft Damper	224.07	31.01
23 33 13 23-0039	EA	20" x 20" Horizontally Mounted Backdraft Damper	238.60	31.01
23 33 13 23-0040	EA	20" x 24" Horizontally Mounted Backdraft Damper	279.31	34.97
23 33 13 23-0041	EA	20" x 28" Horizontally Mounted Backdraft Damper	320.03	38.82
23 33 13 23-0042	EA	20" x 32" Horizontally Mounted Backdraft Damper	294.32	42.67
23 33 13 23-0043	EA	20" x 36" Horizontally Mounted Backdraft Damper	326.72	46.63
23 33 13 23-0044	EA	24" x 6" Horizontally Mounted Backdraft Damper	141.88	19.47
23 33 13 23-0045	EA	24" x 8" Horizontally Mounted Backdraft Damper	175.58	21.33
23 33 13 23-0046	EA	24" x 10" Horizontally Mounted Backdraft Damper	209.29	23.32
23 33 13 23-0047	EA	24" x 12" Horizontally Mounted Backdraft Damper	248.32	25.18
23 33 13 23-0048	EA	24" x 14" Horizontally Mounted Backdraft Damper	209.51	29.15
23 33 13 23-0049	EA	24" x 16" Horizontally Mounted Backdraft Damper	232.78	31.01
23 33 13 23-0050	EA	24" x 18" Horizontally Mounted Backdraft Damper	261.87	34.97
23 33 13 23-0051	EA	24" x 20" Horizontally Mounted Backdraft Damper	279.31	34.97
23 33 13 23-0052	EA	24" x 24" Horizontally Mounted Backdraft Damper	325.85	38.82
23 33 13 23-0053	EA	24" x 28" Horizontally Mounted Backdraft Damper	302.60	42.67
23 33 13 23-0054	EA	24" x 32" Horizontally Mounted Backdraft Damper	339.19	46.63
23 33 13 23-0055	EA	24" x 36" Horizontally Mounted Backdraft Damper	375.75	50.47
23 33 13 23-0056	EA	24" x 40" Horizontally Mounted Backdraft Damper	362.51	54.32
23 33 13 23-0057	EA	24" x 44" Horizontally Mounted Backdraft Damper	394.09	58.29
23 33 13 23-0058	EA	24" x 48" Horizontally Mounted Backdraft Damper	414.01	58.29
23 33 13 23-0059	EA	28" x 6" Horizontally Mounted Backdraft Damper	155.83	19.47
23 33 13 23-0060	EA	28" x 8" Horizontally Mounted Backdraft Damper	194.18	21.33
23 33 13 23-0061	EA	28" x 10" Horizontally Mounted Backdraft Damper	243.53	25.18
23 33 13 23-0062	EA	28" x 12" Horizontally Mounted Backdraft Damper	209.51	29.15
23 33 13 23-0063	EA	28" x 14" Horizontally Mounted Backdraft Damper	235.69	31.01
23 33 13 23-0064	EA	28" x 16" Horizontally Mounted Backdraft Damper	267.69	34.97
23 33 13 23-0065	EA	28" x 18" Horizontally Mounted Backdraft Damper	299.70	38.82
23 33 13 23-0066	EA	28" x 20" Horizontally Mounted Backdraft Damper	320.03	38.82
23 33 13 23-0067	EA	28" x 24" Horizontally Mounted Backdraft Damper	302.60	42.67
23 33 13 23-0068	EA	28" x 28" Horizontally Mounted Backdraft Damper	343.35	46.63

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 23-0069	EA	28" x 32" Horizontally Mounted Backdraft Damper	384.06	50.47
23 33 13 23-0070	EA	28" x 36" Horizontally Mounted Backdraft Damper	384.11	58.29
23 33 13 23-0071	EA	28" x 40" Horizontally Mounted Backdraft Damper	407.37	58.29
23 33 13 23-0072	EA	28" x 44" Horizontally Mounted Backdraft Damper	442.27	62.13
23 33 13 23-0073	EA	28" x 48" Horizontally Mounted Backdraft Damper	477.19	65.98
23 33 13 23-0074	EA	28" x 52" Horizontally Mounted Backdraft Damper	500.45	65.98
23 33 13 23-0075	EA	28" x 56" Horizontally Mounted Backdraft Damper	494.67	69.82
23 33 13 23-0076	EA	28" x 60" Horizontally Mounted Backdraft Damper	514.99	69.82
23 33 13 23-0077	EA	32" x 6" Horizontally Mounted Backdraft Damper	175.58	21.33
23 33 13 23-0078	EA	32" x 8" Horizontally Mounted Backdraft Damper	229.15	25.18
23 33 13 23-0079	EA	32" x 10" Horizontally Mounted Backdraft Damper	273.32	27.16
23 33 13 23-0080	EA	32" x 12" Horizontally Mounted Backdraft Damper	232.78	31.01
23 33 13 23-0081	EA	32" x 14" Horizontally Mounted Backdraft Damper	267.69	34.97
23 33 13 23-0082	EA	32" x 16" Horizontally Mounted Backdraft Damper	302.59	38.82
23 33 13 23-0083	EA	32" x 18" Horizontally Mounted Backdraft Damper	266.04	38.82
23 33 13 23-0084	EA	32" x 20" Horizontally Mounted Backdraft Damper	294.32	42.67
23 33 13 23-0085	EA	32" x 24" Horizontally Mounted Backdraft Damper	339.19	46.63
23 33 13 23-0086	EA	32" x 28" Horizontally Mounted Backdraft Damper	384.06	50.47
23 33 13 23-0087	EA	32" x 32" Horizontally Mounted Backdraft Damper	387.45	58.29
23 33 13 23-0088	EA	32" x 36" Horizontally Mounted Backdraft Damper	414.01	58.29
23 33 13 23-0089	EA	32" x 40" Horizontally Mounted Backdraft Damper	452.24	62.13
23 33 13 23-0090	EA	32" x 44" Horizontally Mounted Backdraft Damper	490.47	65.98
23 33 13 23-0091	EA	32" x 48" Horizontally Mounted Backdraft Damper	488.85	69.82
23 33 13 23-0092	EA	32" x 52" Horizontally Mounted Backdraft Damper	512.11	69.82
23 33 13 23-0093	EA	32" x 56" Horizontally Mounted Backdraft Damper	547.00	73.79
23 33 13 23-0094	EA	32" x 60" Horizontally Mounted Backdraft Damper	570.27	73.79
23 33 13 23-0095	EA	32" x 64" Horizontally Mounted Backdraft Damper	552.01	77.64
23 33 13 23-0096	EA	32" x 68" Horizontally Mounted Backdraft Damper	571.94	77.64
23 33 13 23-0097	EA	32" x 72" Horizontally Mounted Backdraft Damper	603.52	81.48
23 33 13 23-0098	EA	36" x 6" Horizontally Mounted Backdraft Damper	189.51	21.33
23 33 13 23-0099	EA	36" x 8" Horizontally Mounted Backdraft Damper	254.15	27.16
23 33 13 23-0100	EA	36" x 10" Horizontally Mounted Backdraft Damper	224.07	31.01
23 33 13 23-0101	EA	36" x 12" Horizontally Mounted Backdraft Damper	261.87	34.97
23 33 13 23-0102	EA	36" x 14" Horizontally Mounted Backdraft Damper	299.70	38.82
23 33 13 23-0103	EA	36" x 16" Horizontally Mounted Backdraft Damper	266.04	38.82
23 33 13 23-0104	EA	36" x 18" Horizontally Mounted Backdraft Damper	296.38	42.67
23 33 13 23-0105	EA	36" x 20" Horizontally Mounted Backdraft Damper	326.72	46.63
23 33 13 23-0106	EA	36" x 24" Horizontally Mounted Backdraft Damper	375.75	50.47
23 33 13 23-0107	EA	36" x 28" Horizontally Mounted Backdraft Damper	384.11	58.29
23 33 13 23-0108	EA	36" x 32" Horizontally Mounted Backdraft Damper	414.01	58.29
23 33 13 23-0109	EA	36" x 36" Horizontally Mounted Backdraft Damper	455.55	62.13
23 33 13 23-0110	EA	36" x 40" Horizontally Mounted Backdraft Damper	497.12	65.98
23 33 13 23-0111	EA	36" x 44" Horizontally Mounted Backdraft Damper	497.55	69.82
23 33 13 23-0112	EA	36" x 48" Horizontally Mounted Backdraft Damper	535.39	73.79
23 33 13 23-0113	EA	36" x 52" Horizontally Mounted Backdraft Damper	561.53	73.79
23 33 13 23-0114	EA	36" x 56" Horizontally Mounted Backdraft Damper	547.04	77.64
23 33 13 23-0115	EA	36" x 60" Horizontally Mounted Backdraft Damper	569.45	77.64
23 33 13 23-0116	EA	36" x 64" Horizontally Mounted Backdraft Damper	603.52	81.48
23 33 13 23-0117	EA	36" x 68" Horizontally Mounted Backdraft Damper	625.93	81.48
23 33 13 23-0118	EA	36" x 72" Horizontally Mounted Backdraft Damper	648.38	81.48
23 33 13 23-0119	EA	40" x 6" Horizontally Mounted Backdraft Damper	209.29	23.32
23 33 13 23-0120	EA	40" x 8" Horizontally Mounted Backdraft Damper	279.15	29.15
23 33 13 23-0121	EA	40" x 10" Horizontally Mounted Backdraft Damper	238.60	31.01
23 33 13 23-0122	EA	40" x 12" Horizontally Mounted Backdraft Damper	279.31	34.97
23 33 13 23-0123	EA	40" x 14" Horizontally Mounted Backdraft Damper	320.03	38.82
23 33 13 23-0124	EA	40" x 16" Horizontally Mounted Backdraft Damper	294.32	42.67
23 33 13 23-0125	EA	40" x 18" Horizontally Mounted Backdraft Damper	326.72	46.63
23 33 13 23-0126	EA	40" x 20" Horizontally Mounted Backdraft Damper	359.13	50.47
23 33 13 23-0127	EA	40" x 24" Horizontally Mounted Backdraft Damper	362.51	54.32
23 33 13 23-0128	EA	40" x 28" Horizontally Mounted Backdraft Damper	407.37	58.29
23 33 13 23-0129	EA	40" x 32" Horizontally Mounted Backdraft Damper	452.24	62.13
23 33 13 23-0130	EA	40" x 36" Horizontally Mounted Backdraft Damper	497.12	65.98
23 33 13 23-0131	EA	40" x 40" Horizontally Mounted Backdraft Damper	500.46	69.82
23 33 13 23-0132	EA	40" x 44" Horizontally Mounted Backdraft Damper	541.18	73.79
23 33 13 23-0133	EA	40" x 48" Horizontally Mounted Backdraft Damper	570.27	73.79
23 33 13 23-0134	EA	40" x 50" Horizontally Mounted Backdraft Damper	544.55	77.64
23 33 13 23-0135	EA	44" x 6" Horizontally Mounted Backdraft Damper	233.94	25.18
23 33 13 23-0136	EA	44" x 8" Horizontally Mounted Backdraft Damper	221.16	31.01
23 33 13 23-0137	EA	44" x 10" Horizontally Mounted Backdraft Damper	264.78	34.97
23 33 13 23-0138	EA	44" x 12" Horizontally Mounted Backdraft Damper	308.41	38.82
23 33 13 23-0139	EA	44" x 14" Horizontally Mounted Backdraft Damper	288.07	42.67
23 33 13 23-0140	EA	44" x 16" Horizontally Mounted Backdraft Damper	322.57	46.63
23 33 13 23-0141	EA	44" x 18" Horizontally Mounted Backdraft Damper	345.41	46.63
23 33 13 23-0142	EA	44" x 20" Horizontally Mounted Backdraft Damper	379.91	50.47
23 33 13 23-0143	EA	44" x 24" Horizontally Mounted Backdraft Damper	394.09	58.29
23 33 13 23-0144	EA	44" x 28" Horizontally Mounted Backdraft Damper	442.27	62.13
23 33 13 23-0145	EA	44" x 32" Horizontally Mounted Backdraft Damper	490.47	65.98
23 33 13 23-0146	EA	44" x 36" Horizontally Mounted Backdraft Damper	497.55	69.82
23 33 13 23-0147	EA	44" x 40" Horizontally Mounted Backdraft Damper	541.18	73.79
23 33 13 23-0148	EA	44" x 44" Horizontally Mounted Backdraft Damper	573.15	73.79
23 33 13 23-0149	EA	44" x 48" Horizontally Mounted Backdraft Damper	561.99	77.64

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 23-0150	EA	44" x 50" Horizontally Mounted Backdraft Damper	575.67	77.64
23 33 13 23-0151	EA	48" x 6" Horizontally Mounted Backdraft Damper	254.15	27.16
23 33 13 23-0152	EA	48" x 8" Horizontally Mounted Backdraft Damper	232.78	31.01
23 33 13 23-0153	EA	48" x 10" Horizontally Mounted Backdraft Damper	279.31	34.97
23 33 13 23-0154	EA	48" x 12" Horizontally Mounted Backdraft Damper	266.04	38.82
23 33 13 23-0155	EA	48" x 14" Horizontally Mounted Backdraft Damper	302.60	42.67
23 33 13 23-0156	EA	48" x 16" Horizontally Mounted Backdraft Damper	339.19	46.63
23 33 13 23-0157	EA	48" x 18" Horizontally Mounted Backdraft Damper	375.75	50.47
23 33 13 23-0158	EA	48" x 20" Horizontally Mounted Backdraft Damper	362.51	54.32
23 33 13 23-0159	EA	48" x 24" Horizontally Mounted Backdraft Damper	414.01	58.29
23 33 13 23-0160	EA	48" x 28" Horizontally Mounted Backdraft Damper	477.19	65.98
23 33 13 23-0161	EA	48" x 32" Horizontally Mounted Backdraft Damper	488.85	69.82
23 33 13 23-0162	EA	48" x 36" Horizontally Mounted Backdraft Damper	535.39	73.79
23 33 13 23-0163	EA	48" x 40" Horizontally Mounted Backdraft Damper	570.27	73.79
23 33 13 23-0164	EA	48" x 44" Horizontally Mounted Backdraft Damper	561.99	77.64
23 33 13 23-0165	EA	48" x 48" Horizontally Mounted Backdraft Damper	603.52	81.48
23 33 13 23-0166	EA	48" x 50" Horizontally Mounted Backdraft Damper	618.47	81.48
23 33 13 23-0167	EA	50" x 6" Horizontally Mounted Backdraft Damper	261.34	27.16
23 33 13 23-0168	EA	50" x 8" Horizontally Mounted Backdraft Damper	250.25	34.97
23 33 13 23-0169	EA	50" x 10" Horizontally Mounted Backdraft Damper	298.25	38.82
23 33 13 23-0170	EA	50" x 12" Horizontally Mounted Backdraft Damper	283.92	42.67
23 33 13 23-0171	EA	50" x 14" Horizontally Mounted Backdraft Damper	321.54	46.63
23 33 13 23-0172	EA	50" x 16" Horizontally Mounted Backdraft Damper	359.13	50.47
23 33 13 23-0173	EA	50" x 18" Horizontally Mounted Backdraft Damper	396.75	54.32
23 33 13 23-0174	EA	50" x 20" Horizontally Mounted Backdraft Damper	382.44	58.29
23 33 13 23-0175	EA	50" x 24" Horizontally Mounted Backdraft Damper	435.62	62.13
23 33 13 23-0176	EA	50" x 28" Horizontally Mounted Backdraft Damper	488.80	65.98
23 33 13 23-0177	EA	50" x 32" Horizontally Mounted Backdraft Damper	500.46	69.82
23 33 13 23-0178	EA	50" x 36" Horizontally Mounted Backdraft Damper	548.46	73.79
23 33 13 23-0179	EA	50" x 40" Horizontally Mounted Backdraft Damper	544.55	77.64
23 33 13 23-0180	EA	50" x 44" Horizontally Mounted Backdraft Damper	575.67	77.64
23 33 13 23-0181	EA	50" x 48" Horizontally Mounted Backdraft Damper	618.47	81.48
23 33 13 23-0182	EA	50" x 50" Horizontally Mounted Backdraft Damper	634.03	81.48

23 33 13 23-0183 Vertically Mounted Backdraft Damper *(23 33 13 23)*

Note: Galvanized steel frame, aluminum blades. Excludes motor pack.

23 33 13 23-0184	EA	6" x 6" Vertically Mounted Backdraft Damper	113.49	12.94
23 33 13 23-0185	EA	8" x 6" Vertically Mounted Backdraft Damper	140.14	13.52
23 33 13 23-0186	EA	10" x 6" Vertically Mounted Backdraft Damper	144.53	13.64
23 33 13 23-0187	EA	8" x 8" Vertically Mounted Backdraft Damper	151.44	13.64
23 33 13 23-0188	EA	12" x 6" Vertically Mounted Backdraft Damper	166.45	13.99
23 33 13 23-0189	EA	10" x 8" Vertically Mounted Backdraft Damper	184.94	15.51
23 33 13 23-0190	EA	14" x 6" Vertically Mounted Backdraft Damper	187.19	13.99
23 33 13 23-0191	EA	12" x 8" Vertically Mounted Backdraft Damper	212.60	15.51
23 33 13 23-0192	EA	16" x 6" Vertically Mounted Backdraft Damper	214.93	16.32
23 33 13 23-0193	EA	10" x 10" Vertically Mounted Backdraft Damper	225.34	17.49
23 33 13 23-0194	EA	18" x 6" Vertically Mounted Backdraft Damper	180.79	14.80
23 33 13 23-0195	EA	14" x 8" Vertically Mounted Backdraft Damper	190.51	16.32
23 33 13 23-0196	EA	12" x 10" Vertically Mounted Backdraft Damper	204.11	17.49
23 33 13 23-0197	EA	20" x 6" Vertically Mounted Backdraft Damper	209.94	19.47
23 33 13 23-0198	EA	16" x 8" Vertically Mounted Backdraft Damper	225.87	21.33
23 33 13 23-0199	EA	14" x 10" Vertically Mounted Backdraft Damper	223.55	15.51
23 33 13 23-0200	EA	12" x 12" Vertically Mounted Backdraft Damper	234.44	17.49
23 33 13 23-0201	EA	18" x 8" Vertically Mounted Backdraft Damper	203.15	19.47
23 33 13 23-0202	EA	24" x 6" Vertically Mounted Backdraft Damper	203.15	19.47
23 33 13 23-0203	EA	16" x 10" Vertically Mounted Backdraft Damper	225.05	21.33
23 33 13 23-0204	EA	20" x 8" Vertically Mounted Backdraft Damper	230.88	23.32
23 33 13 23-0205	EA	14" x 12" Vertically Mounted Backdraft Damper	217.93	16.32
23 33 13 23-0206	EA	28" x 6" Vertically Mounted Backdraft Damper	221.43	17.49
23 33 13 23-0207	EA	18" x 10" Vertically Mounted Backdraft Damper	239.33	19.47
23 33 13 23-0208	EA	16" x 12" Vertically Mounted Backdraft Damper	257.23	21.33
23 33 13 23-0209	EA	24" x 8" Vertically Mounted Backdraft Damper	263.06	23.32
23 33 13 23-0210	EA	32" x 6" Vertically Mounted Backdraft Damper	268.88	25.18
23 33 13 23-0211	EA	14" x 14" Vertically Mounted Backdraft Damper	284.58	29.15
23 33 13 23-0212	EA	20" x 10" Vertically Mounted Backdraft Damper	280.46	31.01
23 33 13 23-0213	EA	18" x 12" Vertically Mounted Backdraft Damper	307.09	34.97
23 33 13 23-0214	EA	36" x 6" Vertically Mounted Backdraft Damper	254.64	17.49
23 33 13 23-0215	EA	16" x 14" Vertically Mounted Backdraft Damper	267.96	19.47
23 33 13 23-0216	EA	28" x 8" Vertically Mounted Backdraft Damper	273.79	21.33
23 33 13 23-0217	EA	20" x 12" Vertically Mounted Backdraft Damper	294.58	23.32
23 33 13 23-0218	EA	24" x 10" Vertically Mounted Backdraft Damper	300.40	25.18
23 33 13 23-0219	EA	40" x 6" Vertically Mounted Backdraft Damper	306.23	27.16
23 33 13 23-0220	EA	18" x 14" Vertically Mounted Backdraft Damper	329.14	31.01
23 33 13 23-0221	EA	16" x 16" Vertically Mounted Backdraft Damper	332.87	31.01
23 33 13 23-0222	EA	32" x 8" Vertically Mounted Backdraft Damper	344.52	34.97
23 33 13 23-0223	EA	44" x 6" Vertically Mounted Backdraft Damper	363.67	38.82
23 33 13 23-0224	EA	20" x 14" Vertically Mounted Backdraft Damper	390.31	42.67
23 33 13 23-0225	EA	28" x 10" Vertically Mounted Backdraft Damper	401.97	46.63
23 33 13 23-0226	EA	18" x 16" Vertically Mounted Backdraft Damper	327.87	19.47
23 33 13 23-0227	EA	24" x 12" Vertically Mounted Backdraft Damper	333.70	21.33

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 23-0228	EA	36" x 8" Vertically Mounted Backdraft Damper	339.53	23.32
23 33 13 23-0229	EA	48" x 6" Vertically Mounted Backdraft Damper	345.35	25.18
23 33 13 23-0230	EA	50" x 6" Vertically Mounted Backdraft Damper	368.23	29.15
23 33 13 23-0231	EA	20" x 16" Vertically Mounted Backdraft Damper	392.77	31.01
23 33 13 23-0232	EA	32" x 10" Vertically Mounted Backdraft Damper	404.42	34.97
23 33 13 23-0233	EA	40" x 8" Vertically Mounted Backdraft Damper	404.42	34.97
23 33 13 23-0234	EA	18" x 18" Vertically Mounted Backdraft Damper	356.18	38.82
23 33 13 23-0235	EA	24" x 14" Vertically Mounted Backdraft Damper	334.57	42.67
23 33 13 23-0236	EA	28" x 12" Vertically Mounted Backdraft Damper	346.23	46.63
23 33 13 23-0237	EA	44" x 8" Vertically Mounted Backdraft Damper	367.71	50.47
23 33 13 23-0238	EA	18" x 20" Vertically Mounted Backdraft Damper	384.29	54.32
23 33 13 23-0239	EA	20" x 18" Vertically Mounted Backdraft Damper	395.94	58.29
23 33 13 23-0240	EA	36" x 10" Vertically Mounted Backdraft Damper	395.94	58.29
23 33 13 23-0241	EA	24" x 16" Vertically Mounted Backdraft Damper	294.11	19.47
23 33 13 23-0242	EA	32" x 12" Vertically Mounted Backdraft Damper	299.94	21.33
23 33 13 23-0243	EA	48" x 8" Vertically Mounted Backdraft Damper	311.59	25.18
23 33 13 23-0244	EA	28" x 14" Vertically Mounted Backdraft Damper	328.16	29.15
23 33 13 23-0245	EA	20" x 20" Vertically Mounted Backdraft Damper	338.91	31.01
23 33 13 23-0246	EA	40" x 10" Vertically Mounted Backdraft Damper	350.56	34.97
23 33 13 23-0247	EA	50" x 8" Vertically Mounted Backdraft Damper	362.22	38.82
23 33 13 23-0248	EA	18" x 24" Vertically Mounted Backdraft Damper	381.87	38.82
23 33 13 23-0249	EA	24" x 18" Vertically Mounted Backdraft Damper	393.53	42.67
23 33 13 23-0250	EA	36" x 12" Vertically Mounted Backdraft Damper	405.19	46.63
23 33 13 23-0251	EA	44" x 10" Vertically Mounted Backdraft Damper	421.76	50.47
23 33 13 23-0252	EA	28" x 16" Vertically Mounted Backdraft Damper	449.99	58.29
23 33 13 23-0253	EA	32" x 14" Vertically Mounted Backdraft Damper	449.99	58.29
23 33 13 23-0254	EA	20" x 24" Vertically Mounted Backdraft Damper	483.76	62.13
23 33 13 23-0255	EA	24" x 20" Vertically Mounted Backdraft Damper	450.16	65.98
23 33 13 23-0256	EA	40" x 12" Vertically Mounted Backdraft Damper	450.16	65.98
23 33 13 23-0257	EA	48" x 10" Vertically Mounted Backdraft Damper	461.82	69.82
23 33 13 23-0258	EA	50" x 10" Vertically Mounted Backdraft Damper	472.32	69.82
23 33 13 23-0259	EA	28" x 18" Vertically Mounted Backdraft Damper	328.69	21.33
23 33 13 23-0260	EA	36" x 14" Vertically Mounted Backdraft Damper	340.34	25.18
23 33 13 23-0261	EA	32" x 16" Vertically Mounted Backdraft Damper	350.39	27.16
23 33 13 23-0262	EA	44" x 12" Vertically Mounted Backdraft Damper	370.42	31.01
23 33 13 23-0263	EA	20" x 28" Vertically Mounted Backdraft Damper	398.87	34.97
23 33 13 23-0264	EA	28" x 20" Vertically Mounted Backdraft Damper	410.53	38.82
23 33 13 23-0265	EA	40" x 14" Vertically Mounted Backdraft Damper	410.53	38.82
23 33 13 23-0266	EA	24" x 24" Vertically Mounted Backdraft Damper	430.59	42.67
23 33 13 23-0267	EA	32" x 18" Vertically Mounted Backdraft Damper	442.25	46.63
23 33 13 23-0268	EA	36" x 16" Vertically Mounted Backdraft Damper	453.91	50.47
23 33 13 23-0269	EA	48" x 12" Vertically Mounted Backdraft Damper	477.22	58.29
23 33 13 23-0270	EA	50" x 12" Vertically Mounted Backdraft Damper	489.84	58.29
23 33 13 23-0271	EA	44" x 14" Vertically Mounted Backdraft Damper	509.90	62.13
23 33 13 23-0272	EA	20" x 32" Vertically Mounted Backdraft Damper	534.15	65.98
23 33 13 23-0273	EA	32" x 20" Vertically Mounted Backdraft Damper	545.81	69.82
23 33 13 23-0274	EA	40" x 16" Vertically Mounted Backdraft Damper	545.81	69.82
23 33 13 23-0275	EA	36" x 18" Vertically Mounted Backdraft Damper	561.65	73.79
23 33 13 23-0276	EA	24" x 28" Vertically Mounted Backdraft Damper	576.36	73.79
23 33 13 23-0277	EA	28" x 24" Vertically Mounted Backdraft Damper	557.59	77.64
23 33 13 23-0278	EA	48" x 14" Vertically Mounted Backdraft Damper	557.59	77.64
23 33 13 23-0279	EA	50" x 14" Vertically Mounted Backdraft Damper	582.77	81.48
23 33 13 23-0280	EA	44" x 16" Vertically Mounted Backdraft Damper	404.00	21.33
23 33 13 23-0281	EA	20" x 36" Vertically Mounted Backdraft Damper	429.22	27.16
23 33 13 23-0282	EA	36" x 20" Vertically Mounted Backdraft Damper	440.88	31.01
23 33 13 23-0283	EA	40" x 18" Vertically Mounted Backdraft Damper	452.53	34.97
23 33 13 23-0284	EA	24" x 32" Vertically Mounted Backdraft Damper	487.36	38.82
23 33 13 23-0285	EA	32" x 24" Vertically Mounted Backdraft Damper	487.36	38.82
23 33 13 23-0286	EA	48" x 16" Vertically Mounted Backdraft Damper	499.02	42.67
23 33 13 23-0287	EA	28" x 28" Vertically Mounted Backdraft Damper	518.41	46.63
23 33 13 23-0288	EA	44" x 18" Vertically Mounted Backdraft Damper	533.92	50.47
23 33 13 23-0289	EA	40" x 20" Vertically Mounted Backdraft Damper	561.09	58.29
23 33 13 23-0290	EA	50" x 16" Vertically Mounted Backdraft Damper	561.09	58.29
23 33 13 23-0291	EA	24" x 36" Vertically Mounted Backdraft Damper	603.65	62.13
23 33 13 23-0292	EA	36" x 24" Vertically Mounted Backdraft Damper	615.31	65.98
23 33 13 23-0293	EA	48" x 18" Vertically Mounted Backdraft Damper	626.97	69.82
23 33 13 23-0294	EA	44" x 20" Vertically Mounted Backdraft Damper	646.37	73.79
23 33 13 23-0295	EA	28" x 32" Vertically Mounted Backdraft Damper	654.10	73.79
23 33 13 23-0296	EA	32" x 28" Vertically Mounted Backdraft Damper	665.75	77.64
23 33 13 23-0297	EA	50" x 18" Vertically Mounted Backdraft Damper	667.66	77.64
23 33 13 23-0298	EA	24" x 40" Vertically Mounted Backdraft Damper	708.28	81.48
23 33 13 23-0299	EA	40" x 24" Vertically Mounted Backdraft Damper	708.28	81.48
23 33 13 23-0300	EA	48" x 20" Vertically Mounted Backdraft Damper	708.28	81.48
23 33 13 23-0301	EA	50" x 20" Vertically Mounted Backdraft Damper	552.75	23.32
23 33 13 23-0302	EA	28" x 36" Vertically Mounted Backdraft Damper	574.08	29.15
23 33 13 23-0303	EA	36" x 28" Vertically Mounted Backdraft Damper	579.91	31.01
23 33 13 23-0304	EA	32" x 32" Vertically Mounted Backdraft Damper	599.29	34.97
23 33 13 23-0305	EA	24" x 44" Vertically Mounted Backdraft Damper	571.28	38.82
23 33 13 23-0306	EA	44" x 24" Vertically Mounted Backdraft Damper	582.94	42.67
23 33 13 23-0307	EA	28" x 40" Vertically Mounted Backdraft Damper	622.14	46.63
23 33 13 23-0308	EA	40" x 28" Vertically Mounted Backdraft Damper	633.80	50.47

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 23-0309	EA	24" x 48" Vertically Mounted Backdraft Damper	659.26	54.32
23 33 13 23-0310	EA	32" x 36" Vertically Mounted Backdraft Damper	670.91	58.29
23 33 13 23-0311	EA	36" x 32" Vertically Mounted Backdraft Damper	682.57	62.13
23 33 13 23-0312	EA	48" x 24" Vertically Mounted Backdraft Damper	694.23	65.98
23 33 13 23-0313	EA	50" x 24" Vertically Mounted Backdraft Damper	726.55	69.82
23 33 13 23-0314	EA	28" x 44" Vertically Mounted Backdraft Damper	751.98	73.79
23 33 13 23-0315	EA	44" x 28" Vertically Mounted Backdraft Damper	751.98	73.79
23 33 13 23-0316	EA	32" x 40" Vertically Mounted Backdraft Damper	784.31	77.64
23 33 13 23-0317	EA	40" x 32" Vertically Mounted Backdraft Damper	626.93	25.18
23 33 13 23-0318	EA	36" x 36" Vertically Mounted Backdraft Damper	651.31	31.01
23 33 13 23-0319	EA	28" x 48" Vertically Mounted Backdraft Damper	683.61	34.97
23 33 13 23-0320	EA	48" x 28" Vertically Mounted Backdraft Damper	695.27	38.82
23 33 13 23-0321	EA	50" x 28" Vertically Mounted Backdraft Damper	731.04	42.67
23 33 13 23-0322	EA	32" x 44" Vertically Mounted Backdraft Damper	746.16	46.63
23 33 13 23-0323	EA	44" x 32" Vertically Mounted Backdraft Damper	746.16	46.63
23 33 13 23-0324	EA	36" x 40" Vertically Mounted Backdraft Damper	773.32	50.47
23 33 13 23-0325	EA	40" x 36" Vertically Mounted Backdraft Damper	732.91	58.29
23 33 13 23-0326	EA	28" x 52" Vertically Mounted Backdraft Damper	750.75	62.13
23 33 13 23-0327	EA	32" x 48" Vertically Mounted Backdraft Damper	793.41	65.98
23 33 13 23-0328	EA	48" x 32" Vertically Mounted Backdraft Damper	805.07	69.82
23 33 13 23-0329	EA	28" x 56" Vertically Mounted Backdraft Damper	829.14	73.79
23 33 13 23-0330	EA	36" x 44" Vertically Mounted Backdraft Damper	835.35	73.79
23 33 13 23-0331	EA	44" x 36" Vertically Mounted Backdraft Damper	847.00	77.64
23 33 13 23-0332	EA	40" x 40" Vertically Mounted Backdraft Damper	853.19	77.64
23 33 13 23-0333	EA	50" x 32" Vertically Mounted Backdraft Damper	701.64	27.16
23 33 13 23-0334	EA	32" x 52" Vertically Mounted Backdraft Damper	738.11	31.01
23 33 13 23-0335	EA	28" x 60" Vertically Mounted Backdraft Damper	755.95	34.97
23 33 13 23-0336	EA	36" x 48" Vertically Mounted Backdraft Damper	786.23	38.82
23 33 13 23-0337	EA	48" x 36" Vertically Mounted Backdraft Damper	797.89	42.67
23 33 13 23-0338	EA	40" x 44" Vertically Mounted Backdraft Damper	821.96	46.63
23 33 13 23-0339	EA	44" x 40" Vertically Mounted Backdraft Damper	833.62	50.47
23 33 13 23-0340	EA	32" x 56" Vertically Mounted Backdraft Damper	857.65	54.32
23 33 13 23-0341	EA	50" x 36" Vertically Mounted Backdraft Damper	794.90	58.29
23 33 13 23-0342	EA	36" x 52" Vertically Mounted Backdraft Damper	843.03	65.98
23 33 13 23-0343	EA	32" x 60" Vertically Mounted Backdraft Damper	871.22	69.82
23 33 13 23-0344	EA	40" x 48" Vertically Mounted Backdraft Damper	882.88	73.79
23 33 13 23-0345	EA	48" x 40" Vertically Mounted Backdraft Damper	882.88	73.79
23 33 13 23-0346	EA	44" x 44" Vertically Mounted Backdraft Damper	900.05	77.64
23 33 13 23-0347	EA	40" x 50" Vertically Mounted Backdraft Damper	933.75	81.48
23 33 13 23-0348	EA	50" x 40" Vertically Mounted Backdraft Damper	933.75	81.48
23 33 13 23-0349	EA	36" x 56" Vertically Mounted Backdraft Damper	776.04	27.16
23 33 13 23-0350	EA	32" x 64" Vertically Mounted Backdraft Damper	810.39	34.97
23 33 13 23-0351	EA	44" x 48" Vertically Mounted Backdraft Damper	844.10	38.82
23 33 13 23-0352	EA	48" x 44" Vertically Mounted Backdraft Damper	855.76	42.67
23 33 13 23-0353	EA	36" x 60" Vertically Mounted Backdraft Damper	883.95	46.63
23 33 13 23-0354	EA	32" x 68" Vertically Mounted Backdraft Damper	901.13	50.47
23 33 13 23-0355	EA	44" x 50" Vertically Mounted Backdraft Damper	826.32	54.32
23 33 13 23-0356	EA	50" x 44" Vertically Mounted Backdraft Damper	837.97	58.29
23 33 13 23-0357	EA	32" x 72" Vertically Mounted Backdraft Damper	880.96	62.13
23 33 13 23-0358	EA	36" x 64" Vertically Mounted Backdraft Damper	892.62	65.98
23 33 13 23-0359	EA	48" x 48" Vertically Mounted Backdraft Damper	904.28	69.82
23 33 13 23-0360	EA	48" x 50" Vertically Mounted Backdraft Damper	944.88	73.79
23 33 13 23-0361	EA	50" x 48" Vertically Mounted Backdraft Damper	956.53	77.64
23 33 13 23-0362	EA	36" x 68" Vertically Mounted Backdraft Damper	971.00	77.64
23 33 13 23-0363	EA	50" x 50" Vertically Mounted Backdraft Damper	998.33	81.48
23 33 13 23-0364	EA	36" x 72" Vertically Mounted Backdraft Damper	1,026.05	81.48

23 33 13 23-0365 Backdraft Damper Accessories *(23 33 13 23)*

23 33 13 23-0366	EA	For Motor Pack For Horizontally Mounted Backdraft Damper	279.46	29.03
23 33 13 23-0367	EA	For Motor Pack For Vertically Mounted Backdraft Damper	482.67	29.03

23 33 13 33 Splitter Damper Hardware *(23 33 13)*

23 33 13 33-0001	EA	Splitter Damper, Hardware	42.06	8.15

23 33 13 43 Blower Check Valve *(23 33 13)*

23 33 13 43-0001 Blower Check Valves With Silicone Seals *(23 33 13 43)*

23 33 13 43-0002	EA	2-1/2" Blower Check Valves, Silicone Seals	285.62	30.07
23 33 13 43-0003	EA	3" Blower Check Valves, Silicone Seals	318.80	34.27
23 33 13 43-0004	EA	4" Blower Check Valves, Silicone Seals	409.25	45.47
23 33 13 43-0005	EA	5" Blower Check Valves, Silicone Seals	567.14	52.46
23 33 13 43-0006	EA	6" Blower Check Valves, Silicone Seals	634.78	62.95
23 33 13 43-0007	EA	8" Blower Check Valves, Silicone Seals	948.41	79.74

23 33 13 43-0008 Blower Check Valves With Viton Seats *(23 33 13 43)*

23 33 13 43-0009	EA	2-1/2" Blower Check Valves, Viton Seats	396.82	30.07
23 33 13 43-0010	EA	3" Blower Check Valves, Viton Seats	450.96	34.27

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 43-0011	EA	4" Blower Check Valves, Viton Seats	501.27	45.47
23 33 13 43-0012	EA	5" Blower Check Valves, Viton Seats	704.90	52.46
23 33 13 43-0013	EA	6" Blower Check Valves, Viton Seats	786.85	62.95
23 33 13 43-0014	EA	8" Blower Check Valves, Viton Seats	1,217.43	79.74

23 33 19 Duct Silencers *(23 33)*

23 33 19 00-0001 36" Long Packaged Duct Sound Trap *(23 33 19)*

23 33 19 00-0002	EA	12" x 12" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	373.95	47.70
23 33 19 00-0003	EA	12" x 18" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	450.71	54.68
23 33 19 00-0004	EA	12" x 24" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	589.42	62.83
23 33 19 00-0005	EA	12" x 36" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	720.20	70.97
23 33 19 00-0006	EA	24" x 18" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	663.49	70.97
23 33 19 00-0007	EA	24" x 24" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	856.52	74.46
23 33 19 00-0008	EA	24" x 30" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	948.08	79.11
23 33 19 00-0009	EA	24" x 36" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	1,041.97	83.77
23 33 19 00-0010	EA	24" x 48" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	1,375.32	95.40
23 33 19 00-0011	EA	36" x 18" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	847.95	79.11
23 33 19 00-0012	EA	36" x 36" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	1,151.71	95.40
23 33 19 00-0013	EA	36" x 48" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	2,062.69	127.98
23 33 19 00-0014	EA	36" x 60" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	2,285.79	134.96
23 33 19 00-0015	EA	48" x 48" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	2,554.15	145.43
23 33 19 00-0016	EA	48" x 60" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	2,870.69	158.23

23 33 19 00-0017 60" Long Packaged Duct Sound Trap *(23 33 19)*

23 33 19 00-0018	EA	12" x 12" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	418.01	104.71
23 33 19 00-0019	EA	12" x 18" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	505.20	121.00
23 33 19 00-0020	EA	12" x 24" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	662.28	139.61
23 33 19 00-0021	EA	12" x 36" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	809.39	157.07
23 33 19 00-0022	EA	24" x 18" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	744.92	157.07
23 33 19 00-0023	EA	24" x 24" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	965.78	166.37
23 33 19 00-0024	EA	24" x 30" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	1,065.83	174.51
23 33 19 00-0025	EA	24" x 36" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	1,167.64	183.83
23 33 19 00-0026	EA	24" x 48" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	1,549.02	209.42
23 33 19 00-0027	EA	36" x 18" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	952.05	174.51
23 33 19 00-0028	EA	36" x 36" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	1,294.92	209.42
23 33 19 00-0029	EA	36" x 48" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	2,314.63	275.73
23 33 19 00-0030	EA	36" x 60" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	2,585.63	299.01
23 33 19 00-0031	EA	48" x 48" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	2,876.00	317.62
23 33 19 00-0032	EA	48" x 60" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator	3,239.08	349.04

23 33 19 00-0033 84" Long Packaged Duct Sound Trap *(23 33 19)*

23 33 19 00-0034	EA	6" x 12" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	360.34	87.26
23 33 19 00-0035	EA	6" x 24" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	622.06	130.31
23 33 19 00-0036	EA	6" x 36" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	866.21	190.81
23 33 19 00-0037	EA	12" x 12" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	490.07	104.71
23 33 19 00-0038	EA	12" x 18" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	611.39	121.00
23 33 19 00-0039	EA	12" x 24" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	836.73	139.61
23 33 19 00-0040	EA	12" x 30" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	993.21	150.09
23 33 19 00-0041	EA	12" x 36" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	1,084.48	161.72
23 33 19 00-0042	EA	12" x 42" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	1,373.03	174.51
23 33 19 00-0043	EA	12" x 48" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	1,628.51	190.81
23 33 19 00-0044	EA	24" x 18" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	925.19	161.72
23 33 19 00-0045	EA	24" x 24" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	1,335.21	168.70
23 33 19 00-0046	EA	24" x 30" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	1,460.26	174.51
23 33 19 00-0047	EA	24" x 36" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	1,592.40	183.83
23 33 19 00-0048	EA	24" x 42" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	2,006.96	197.79
23 33 19 00-0049	EA	24" x 48" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator	2,178.58	209.42

23 33 23 Turning Vanes *(23 33)*

23 33 23 00-0001 Duct Turning Vane Components *(23 33 23)*

23 33 23 00-0002	LF	Duct Turning Vane Rail	13.06	2.91
		For Stainless Steel, Add	*9.14*	
23 33 23 00-0003	LF	Double Thick Factory Fabricated, Duct Turning Vane	13.01	1.17
		For Stainless Steel, Add	*13.77*	

23 33 23 00-0004 Duct Turning Vane Sets *(23 33 23)*

Note: Measured from inside corner to outside corner of ductwork.

23 33 23 00-0005	LF	12" High Duct Turning Vanes, Sets	54.10	4.36
		For Stainless Steel, Add	*63.25*	
23 33 23 00-0006	LF	14" High Duct Turning Vanes, Sets	67.35	4.65
		For Stainless Steel, Add	*79.99*	
23 33 23 00-0007	LF	16" High Duct Turning Vanes, Sets	92.31	4.88
		For Stainless Steel, Add	*112.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 23 00-0008	LF	18" High Duct Turning Vanes, Sets	117.32	5.24
		For Stainless Steel, Add	*144.00*	
23 33 23 00-0009	LF	20" High Duct Turning Vanes, Sets	130.05	5.58
		For Stainless Steel, Add	*159.99*	
23 33 23 00-0010	LF	22" High Duct Turning Vanes, Sets	166.55	5.24
		For Stainless Steel, Add	*208.01*	
23 33 23 00-0011	LF	24" High Duct Turning Vanes, Sets	204.70	6.16
		For Stainless Steel, Add	*256.02*	
23 33 23 00-0012	LF	26" High Duct Turning Vanes, Sets	219.82	6.45
		For Stainless Steel, Add	*275.29*	
23 33 23 00-0013	LF	30" High Duct Turning Vanes, Sets	245.55	6.70
		For Stainless Steel, Add	*308.32*	

23 33 33 Duct-Mounting Access Doors *(23 33)*

23 33 33 00-0001 Duct Access Doors, Insulated Factory Fabrication *(23 33 33)*

23 33 33 00-0002	EA	6" x 6" Duct Access Doors Insulated Factory Fabrication	93.81	16.29
		For Stainless Steel, Add	*56.72*	
23 33 33 00-0003	EA	10" x 10" Duct Access Doors Insulated Factory Fabrication	99.76	16.29
		For Stainless Steel, Add	*68.62*	
23 33 33 00-0004	EA	12" x 12" Duct Access Doors Insulated Factory Fabrication	102.67	16.29
		For Stainless Steel, Add	*74.44*	
23 33 33 00-0005	EA	12" x 18" Duct Access Doors Insulated Factory Fabrication	133.03	19.78
		For Stainless Steel, Add	*104.98*	
23 33 33 00-0006	EA	16" x 12" Duct Access Doors Insulated Factory Fabrication	134.21	19.78
		For Stainless Steel, Add	*107.34*	
23 33 33 00-0007	EA	18" x 18" Duct Access Doors Insulated Factory Fabrication	166.48	26.76
		For Stainless Steel, Add	*123.54*	
23 33 33 00-0008	EA	24" x 18" Duct Access Doors Insulated Factory Fabrication	197.40	32.57
		For Stainless Steel, Add	*133.02*	
23 33 33 00-0009	EA	24" x 24" Duct Access Doors Insulated Factory Fabrication	256.18	44.21
		For Stainless Steel, Add	*163.34*	

23 33 43 Flexible Connectors *(23 33)*

23 33 43 00-0001	LF	6-1/2" Width, Galvanized Steel, Flexible Duct Connector	14.90	3.49
23 33 43 00-0002	LF	5-3/4" Width, Vinyl/Steel, Flexible Duct Connector	15.33	3.14

23 33 46 Flexible Ducts *(23 33)*

23 33 46 00-0001 Flexible Duct, R8.0 Insulated With Metallized Outer Jacket *(23 33 46)*

Note: Polyester inner liner encapsulating a corrosion resistant steel wire helix, supporting a blanket of fiberglass insulation over a fiberglass scrim and a bi-directional reinforced metallized outer vapor barrier jacket.

23 33 46 00-0002	LF	4" Diameter Flexible Duct, R8.0 Insulated With Polyester Inner Liner Over Fiberglass Insulation And Metallized Outer Jacket	9.02	1.17
		For R6.0 Insulated Flexible Duct, Deduct	*-1.07*	
		For R4.2 Insulated Flexible Duct, Deduct	*-1.24*	
23 33 46 00-0003	LF	5" Diameter Flexible Duct, R8.0 Insulated With Polyester Inner Liner Over Fiberglass Insulation And Metallized Outer Jacket	9.92	2.33
		For R6.0 Insulated Flexible Duct, Deduct	*-1.13*	
		For R4.2 Insulated Flexible Duct, Deduct	*-1.32*	
23 33 46 00-0004	LF	6" Diameter Flexible Duct, R8.0 Insulated With Polyester Inner Liner Over Fiberglass Insulation And Metallized Outer Jacket	11.05	2.33
		For R6.0 Insulated Flexible Duct, Deduct	*-1.15*	
		For R4.2 Insulated Flexible Duct, Deduct	*-1.34*	
23 33 46 00-0005	LF	7" Diameter Flexible Duct, R8.0 Insulated With Polyester Inner Liner Over Fiberglass Insulation And Metallized Outer Jacket	12.78	2.33
		For R6.0 Insulated Flexible Duct, Deduct	*-1.29*	
		For R4.2 Insulated Flexible Duct, Deduct	*-1.50*	
23 33 46 00-0006	LF	8" Diameter Flexible Duct, R8.0 Insulated With Polyester Inner Liner Over Fiberglass Insulation And Metallized Outer Jacket	14.80	3.49
		For R6.0 Insulated Flexible Duct, Deduct	*-1.30*	
		For R4.2 Insulated Flexible Duct, Deduct	*-1.52*	
23 33 46 00-0007	LF	10" Diameter Flexible Duct, R8.0 Insulated With Polyester Inner Liner Over Fiberglass Insulation And Metallized Outer Jacket	19.20	3.49
		For R6.0 Insulated Flexible Duct, Deduct	*-1.75*	
		For R4.2 Insulated Flexible Duct, Deduct	*-2.04*	
23 33 46 00-0008	LF	12" Diameter Flexible Duct, R8.0 Insulated With Polyester Inner Liner Over Fiberglass Insulation And Metallized Outer Jacket	25.54	4.65
		For R6.0 Insulated Flexible Duct, Deduct	*-2.08*	
		For R4.2 Insulated Flexible Duct, Deduct	*-2.43*	
23 33 46 00-0009	LF	14" Diameter Flexible Duct, R8.0 Insulated With Polyester Inner Liner Over Fiberglass Insulation And Metallized Outer Jacket	31.73	4.65
		For R6.0 Insulated Flexible Duct, Deduct	*-2.54*	
		For R4.2 Insulated Flexible Duct, Deduct	*-2.96*	
23 33 46 00-0010	LF	16" Diameter Flexible Duct, R8.0 Insulated With Polyester Inner Liner Over Fiberglass Insulation And Metallized Outer Jacket	41.17	5.82
		For R6.0 Insulated Flexible Duct, Deduct	*-3.03*	
		For R4.2 Insulated Flexible Duct, Deduct	*-3.54*	

23 33 46 00-0011 Collars, Sheet Metal Spin-In Type With Damper *(23 33 46)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 46 00-0012	EA	Up To 4" Diameter Flexible Duct Collar, Spin In Type, Sheet Metal, With Damper	50.48	6.98
		For Stainless Steel, Add	*31.59*	
23 33 46 00-0013	EA	5" Diameter Flexible Duct Collar, Spin In Type, Sheet Metal, With Damper	54.53	8.15
		For Stainless Steel, Add	*32.01*	
23 33 46 00-0014	EA	6" Diameter Flexible Duct Collar, Spin In Type, Sheet Metal, With Damper	62.05	8.15
		For Stainless Steel, Add	*35.30*	
23 33 46 00-0015	EA	7" Diameter Flexible Duct Collar, Spin In Type, Sheet Metal, With Damper	69.91	10.47
		For Stainless Steel, Add	*36.43*	
23 33 46 00-0016	EA	8" Diameter Flexible Duct Collar, Spin In Type, Sheet Metal, With Damper	84.00	12.80
		For Stainless Steel, Add	*41.15*	
23 33 46 00-0017	EA	10" Diameter Flexible Duct Collar, Spin In Type, Sheet Metal, With Damper	98.86	15.13
		For Stainless Steel, Add	*50.73*	
23 33 46 00-0018	EA	12" Diameter Flexible Duct Collar, Spin In Type, Sheet Metal, With Damper	111.85	17.45
		For Stainless Steel, Add	*54.65*	
23 33 46 00-0019	EA	14" Diameter Flexible Duct Collar, Spin In Type, Sheet Metal, With Damper	132.92	19.78
		For Stainless Steel, Add	*68.43*	
23 33 46 00-0020	EA	16" Diameter Flexible Duct Collar, Spin In Type, Sheet Metal, With Damper	144.85	22.11
		For Stainless Steel, Add	*74.87*	

23 33 53 Duct Liners *(23 33)*

23 33 53 00-0001 Fiberglass Duct Liner Board, Rigid, Acoustical Insulation *(23 33 53)*

23 33 53 00-0002	SF	1/2" Field Installed, 3 LB/CF, Fiberglass Duct Liner Board	13.57	3.41
23 33 53 00-0003	SF	3/4" Field Installed, 3 LB/CF, Fiberglass Duct Liner Board	14.80	3.41
23 33 53 00-0004	SF	1" Field Installed, 3 LB/CF, Fiberglass Duct Liner Board	16.48	4.55
23 33 53 00-0005	SF	1-1/2" Field Installed, 3 LB/CF, Fiberglass Duct Liner Board	20.25	4.55
23 33 53 00-0006	SF	2" Field Installed, 3 LB/CF, Fiberglass Duct Liner Board	24.43	5.13
23 33 53 00-0007	SF	1/2" Shop Installed, 3 LB/CF, Fiberglass Duct Liner Board	12.40	3.49
23 33 53 00-0008	SF	3/4" Shop Installed, 3 LB/CF, Fiberglass Duct Liner Board	13.54	3.49
23 33 53 00-0009	SF	1" Shop Installed, 3 LB/CF, Fiberglass Duct Liner Board	15.12	4.65
23 33 53 00-0010	SF	1-1/2" Shop Installed, 3 LB/CF, Fiberglass Duct Liner Board	18.49	4.65
23 33 53 00-0011	SF	2" Shop Installed, 3 LB/CF, Fiberglass Duct Liner Board	22.38	5.24

23 33 53 00-0012 Fiberglass Duct Liner Blanket, Flexible, Acoustical Insulation *(23 33 53)*

23 33 53 00-0013	SF	1/2", R2, 2 LB/CF, T200, Fiberglass Duct Liner Blanket	3.17	2.79
23 33 53 00-0014	SF	1", R3.8, 1.5 LB/CF, T150, Fiberglass Duct Liner Blanket	4.04	3.14
23 33 53 00-0015	SF	1", R4.1, 2 LB/CF, T200, Fiberglass Duct Liner Blanket	4.76	3.14
23 33 53 00-0016	SF	1", R4.3, 3 LB/CF, T300, Fiberglass Duct Liner Blanket	6.28	3.14
23 33 53 00-0017	SF	1-1/2", T150, 1.5 LB/CF, Fiberglass Duct Liner Blanket	5.14	3.49
23 33 53 00-0018	SF	2", R7.7, 1.5 LB/CF, T150 Fiberglass Duct Liner Blanket	5.45	3.84
23 33 53 00-0019	SF	2", R8, 2 LB/CF, T200 Fiberglass Duct Liner Blanket	8.73	3.84

23 33 56 Duct Air Extractors *(23 33)*

23 33 56 00-0001	EA	12" x 4" Duct Air Extractor	59.67	19.20
		For Stainless Steel, Add	*27.66*	
23 33 56 00-0002	EA	8" x 6" Duct Air Extractor	63.17	20.94
		For Stainless Steel, Add	*27.66*	
23 33 56 00-0003	EA	12" x 6" Duct Air Extractor	73.65	22.11
		For Stainless Steel, Add	*38.27*	
23 33 56 00-0004	EA	16" x 6" Duct Air Extractor	83.88	23.27
		For Stainless Steel, Add	*48.54*	
23 33 56 00-0005	EA	24" x 6" Duct Air Extractor	112.85	25.59
		For Stainless Steel, Add	*80.16*	
23 33 56 00-0006	EA	12" x 8" Duct Air Extractor	79.54	23.27
		For Stainless Steel, Add	*42.90*	
23 33 56 00-0007	EA	20" x 8" Duct Air Extractor	105.93	29.09
		For Stainless Steel, Add	*62.09*	
23 33 56 00-0008	EA	18" x 10" Duct Air Extractor	113.20	33.16
		For Stainless Steel, Add	*60.96*	
23 33 56 00-0009	EA	24" x 10" Duct Air Extractor	138.74	38.97
		For Stainless Steel, Add	*79.03*	
23 33 56 00-0010	EA	24" x 12" Duct Air Extractor	158.20	46.54
		For Stainless Steel, Add	*84.67*	
23 33 56 00-0011	EA	30" x 12" Duct Air Extractor	197.98	58.17
		For Stainless Steel, Add	*106.12*	

23 33 59 Duct Pressure Relief Doors *(23 33)*

23 33 59 00-0001 Duct Pressure Relief Doors *(23 33 59)*

23 33 59 00-0002	EA	18" x 18" Duct Pressure Relief Door (Ruskin PRD18)	1,237.33	34.90
23 33 59 00-0003	EA	24" x 10" Duct Pressure Relief Door (Ruskin PRD18)	1,016.48	29.09
23 33 59 00-0004	EA	24" x 12" Duct Pressure Relief Door (Ruskin PRD18)	1,006.16	32.00

23 34 HVAC Fans *(23 30)*

23 34 13 Axial HVAC Fans *(23 34)*

23 34 13 00-0001 Tube-Axial Fans *(23 34 13)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 13 00-0002		**Direct Drive Tube-Axial Duct Fans** *(23 34 13 00-0001)*		
23 34 13 00-0003	EA	12" Direct Drive Axial Flow Fan, 1/6 HP 1,060 CFM Constant Speed, 1/8" Static Pressure	1,875.63	357.55
		For 1/4" Static Pressure, Add	*92.79*	
		For 3/8" Static Pressure, Add	*185.57*	
		For 1/2" Static Pressure, Add	*255.16*	
23 34 13 00-0004	EA	12" Direct Drive Axial Flow Fan, 1/2 HP 2,095 CFM Constant Speed, 1/8" Static Pressure	1,958.47	358.62
		For 1/4" Static Pressure, Add	*99.41*	
		For 3/8" Static Pressure, Add	*198.83*	
		For 1/2" Static Pressure, Add	*273.39*	
23 34 13 00-0005	EA	16" Direct Drive Axial Flow Fan, 1/3 HP 2,490 CFM Constant Speed, 1/8" Static Pressure	2,124.16	357.55
		For 1/4" Static Pressure, Add	*112.67*	
		For 3/8" Static Pressure, Add	*225.34*	
		For 1/2" Static Pressure, Add	*309.84*	
23 34 13 00-0006	EA	20" Direct Drive Axial Flow Fan, 3/4 HP 4,130 CFM Constant Speed, 1/8" Static Pressure	2,289.85	358.62
		For 1/4" Static Pressure, Add	*125.92*	
		For 3/8" Static Pressure, Add	*251.85*	
		For 1/2" Static Pressure, Add	*346.29*	
23 34 13 00-0007	EA	22" Direct Drive Axial Flow Fan, 3/4 HP 4,700 CFM Constant Speed, 1/8" Static Pressure	2,681.54	429.49
		For 1/4" Static Pressure, Add	*145.81*	
		For 3/8" Static Pressure, Add	*291.61*	
		For 1/2" Static Pressure, Add	*400.97*	
23 34 13 00-0008	EA	24" Direct Drive Axial Flow Fan, 1 HP 5,850 CFM Constant Speed, 1/8" Static Pressure	3,087.62	467.07
		For 1/4" Static Pressure, Add	*172.32*	
		For 3/8" Static Pressure, Add	*344.63*	
		For 1/2" Static Pressure, Add	*473.87*	
23 34 13 00-0009	EA	24" Direct Drive Axial Flow Fan, 1-1/2 HP 7,925 CFM Constant Speed, 1/8" Static Pressure	3,259.38	511.09
		For 1/4" Static Pressure, Add	*178.94*	
		For 3/8" Static Pressure, Add	*357.89*	
		For 1/2" Static Pressure, Add	*492.09*	
23 34 13 00-0010	EA	30" Direct Drive Axial Flow Fan, 1 HP 10,640 CFM Constant Speed, 1/8" Static Pressure	3,724.74	536.86
		For 1/4" Static Pressure, Add	*212.08*	
		For 3/8" Static Pressure, Add	*424.16*	
		For 1/2" Static Pressure, Add	*583.22*	
23 34 13 00-0011	EA	30" Direct Drive Axial Flow Fan, 2-1/2 HP 14,765 CFM Constant Speed, 1/8" Static Pressure	4,490.23	671.07
		For 1/4" Static Pressure, Add	*251.85*	
		For 3/8" Static Pressure, Add	*503.69*	
		For 1/2" Static Pressure, Add	*692.58*	
23 34 13 00-0012	EA	36" Direct Drive Axial Flow Fan, 2 HP 16,780 CFM Constant Speed, 1/8" Static Pressure	5,076.78	716.17
		For 1/4" Static Pressure, Add	*291.61*	
		For 3/8" Static Pressure, Add	*583.22*	
		For 1/2" Static Pressure, Add	*801.93*	
23 34 13 00-0013	EA	36" Direct Drive Axial Flow Fan, 5 HP 22,920 CFM Constant Speed, 1/8" Static Pressure	5,959.78	825.69
		For 1/4" Static Pressure, Add	*344.63*	
		For 3/8" Static Pressure, Add	*689.26*	
		For 1/2" Static Pressure, Add	*947.74*	
23 34 13 00-0014		**Belt Drive Tube-Axial Duct Fans** *(23 34 13 00-0001)*		
23 34 13 00-0015	EA	15" Belt Drive Axial Flow Fan, 1/3 HP 2,800 CFM Constant Speed, 1/8" Static Pressure	1,777.78	346.81
		For 1/4" Static Pressure, Add	*86.80*	
		For 3/8" Static Pressure, Add	*173.61*	
		For 1/2" Static Pressure, Add	*238.71*	
23 34 13 00-0016	EA	15" Belt Drive Axial Flow Fan, 1/2 HP 3,400 CFM Constant Speed, 1/8" Static Pressure	1,886.53	358.62
		For 1/4" Static Pressure, Add	*93.66*	
		For 3/8" Static Pressure, Add	*187.32*	
		For 1/2" Static Pressure, Add	*257.56*	
23 34 13 00-0017	EA	18" Belt Drive Axial Flow Fan, 1/3 HP 3,280 CFM Constant Speed, 1/8" Static Pressure	1,949.28	370.43
		For 1/4" Static Pressure, Add	*96.70*	
		For 3/8" Static Pressure, Add	*193.41*	
		For 1/2" Static Pressure, Add	*265.93*	
23 34 13 00-0018	EA	18" Belt Drive Axial Flow Fan, 1/2 HP 3,900 CFM Constant Speed, 1/8" Static Pressure	2,064.56	383.32
		For 1/4" Static Pressure, Add	*103.81*	
		For 3/8" Static Pressure, Add	*207.62*	
		For 1/2" Static Pressure, Add	*285.48*	
23 34 13 00-0019	EA	18" Belt Drive Axial Flow Fan, 1 HP 5,250 CFM Constant Speed, 1/8" Static Pressure	2,334.09	398.35
		For 1/4" Static Pressure, Add	*123.10*	
		For 3/8" Static Pressure, Add	*246.20*	
		For 1/2" Static Pressure, Add	*338.53*	
23 34 13 00-0020	EA	24" Belt Drive Axial Flow Fan, 1/2 HP 4,800 CFM Constant Speed, 1/8" Static Pressure	2,463.03	413.38
		For 1/4" Static Pressure, Add	*130.97*	
		For 3/8" Static Pressure, Add	*261.94*	
		For 1/2" Static Pressure, Add	*360.16*	
23 34 13 00-0021	EA	24" Belt Drive Axial Flow Fan, 1 HP 6,430 CFM Constant Speed, 1/8" Static Pressure	2,762.57	429.49
		For 1/4" Static Pressure, Add	*152.29*	
		For 3/8" Static Pressure, Add	*304.58*	
		For 1/2" Static Pressure, Add	*418.79*	
23 34 13 00-0022	EA	24" Belt Drive Axial Flow Fan, 2 HP 8,860 CFM Constant Speed, 1/8" Static Pressure	3,125.68	429.49
		For 1/4" Static Pressure, Add	*181.45*	
		For 3/8" Static Pressure, Add	*362.89*	
		For 1/2" Static Pressure, Add	*498.98*	
23 34 13 00-0023	EA	30" Belt Drive Axial Flow Fan, 1 HP 9,250 CFM Constant Speed, 1/8" Static Pressure	3,628.82	467.07
		For 1/4" Static Pressure, Add	*215.74*	
		For 3/8" Static Pressure, Add	*431.48*	
		For 1/2" Static Pressure, Add	*593.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 13 00-0024	EA	30" Belt Drive Axial Flow Fan, 5 HP 16,900 CFM Constant Speed, 1/8" Static Pressure	4,300.52	565.85
		For 1/4" Static Pressure, Add	*253.81*	
		For 3/8" Static Pressure, Add	*507.63*	
		For 1/2" Static Pressure, Add	*697.99*	
23 34 13 00-0025	EA	30" Belt Drive Axial Flow Fan, 5 HP 16,150 CFM Constant Speed, 1/8" Static Pressure	4,912.76	565.85
		For 1/4" Static Pressure, Add	*302.41*	
		For 3/8" Static Pressure, Add	*604.82*	
		For 1/2" Static Pressure, Add	*831.63*	
23 34 13 00-0026	EA	36" Belt Drive Axial Flow Fan, 3/4 HP 8,090 CFM Constant Speed, 1/8" Static Pressure	5,413.82	596.99
		For 1/4" Static Pressure, Add	*337.66*	
		For 3/8" Static Pressure, Add	*675.33*	
		For 1/2" Static Pressure, Add	*928.58*	
23 34 13 00-0027	EA	36" Belt Drive Axial Flow Fan, 2 HP 14,475 CFM Constant Speed, 1/8" Static Pressure	5,917.67	631.35
		For 1/4" Static Pressure, Add	*372.60*	
		For 3/8" Static Pressure, Add	*745.19*	
		For 1/2" Static Pressure, Add	*1,024.64*	
23 34 13 00-0028	EA	36" Belt Drive Axial Flow Fan, 7-1/2 HP 14,475 CFM Constant Speed, 1/8" Static Pressure	6,723.09	825.69
		For 1/4" Static Pressure, Add	*406.10*	
		For 3/8" Static Pressure, Add	*812.20*	
		For 1/2" Static Pressure, Add	*1,116.78*	
23 34 13 00-0029	EA	36" Belt Drive Axial Flow Fan, 5 HP 20,080 CFM Constant Speed, 1/8" Static Pressure	7,695.04	826.76
		For 1/4" Static Pressure, Add	*483.86*	
		For 3/8" Static Pressure, Add	*967.72*	
		For 1/2" Static Pressure, Add	*1,330.61*	
23 34 13 00-0030	EA	42" Belt Drive Axial Flow Fan, 7-1/2 HP 29,000 CFM Constant Speed, 1/8" Static Pressure	8,684.10	975.79
		For 1/4" Static Pressure, Add	*539.12*	
		For 3/8" Static Pressure, Add	*1,078.23*	
		For 1/2" Static Pressure, Add	*1,482.57*	

23 34 16 Centrifugal HVAC Fans *(23 34)*

23 34 16 00-0001 Centrifugal Fans *(23 34 16)*

Note: All belt fans to be supplied with belt guard.

23 34 16 00-0002 Utility Backward Inclined Steel Wheel Centrifugal Fans *(23 34 16 00-0001)*

Note: V-belt driven.

23 34 16 00-0003 Industrial Type Utility Backward Centrifugal Fans *(23 34 16 00-0002)*

Note: Under 30" diameter wheel.

23 34 16 00-0004 12-1/4" Diameter Wheel 650 To 2,950 CFM At 1/8" Static Pressure *(23 34 16 00-0003)*

23 34 16 00-0005	EA	1/6 HP, 12-1/4" Wheel, 450 To 1,750 CFM At 1/8" Static Pressure, Centrifugal Fan	1,221.97	235.90
23 34 16 00-0006	EA	1/4 HP, 12-1/4" Wheel, 650 To 2,950 CFM At 1/8" Static Pressure, Centrifugal Fan	1,754.15	244.81
23 34 16 00-0007	EA	1/3 HP, 12-1/4" Wheel, 650 To 2,950 CFM At 1/8" Static Pressure, Centrifugal Fan	1,804.89	195.09
23 34 16 00-0008	EA	1/2 HP, 12-1/4" Wheel, 650 To 2,950 CFM At 1/8" Static Pressure, Centrifugal Fan	1,884.91	267.35
23 34 16 00-0009	EA	3/4 HP, 12-1/4" Wheel, 650 To 2,950 CFM At 1/8" Static Pressure, Centrifugal Fan	1,930.98	283.46
23 34 16 00-0010	EA	1 HP, 12-1/4" Wheel, 650 To 2,950 CFM At 1/8" Static Pressure, Centrifugal Fan	1,992.71	295.27
23 34 16 00-0011	EA	1-1/2 HP, 12-1/4" Wheel, 650 To 2,950 CFM At 1/8" Static Pressure, Centrifugal Fan	2,054.74	314.60

23 34 16 00-0012 13-1/2" Diameter Wheel 734 To 3,343 CFM At 1/8" Static Pressure *(23 34 16 00-0003)*

23 34 16 00-0013	EA	1/4 HP Centrifugal Fan, 13-1/2" Wheel, 734 - 3,343 CFM At 1/8" Static Pressure	2,022.83	257.69
23 34 16 00-0014	EA	1/3 HP Centrifugal Fan, 13-1/2" Wheel, 734 - 3,343 CFM At 1/8" Static Pressure	2,059.33	267.35
23 34 16 00-0015	EA	1/2 HP Centrifugal Fan, 13-1/2" Wheel, 734 - 3,343 CFM At 1/8" Static Pressure	2,127.17	283.46
23 34 16 00-0016	EA	3/4 HP Centrifugal Fan, 13-1/2" Wheel, 734 - 3,343 CFM At 1/8" Static Pressure	2,166.83	295.27
23 34 16 00-0017	EA	1 HP Centrifugal Fan, 13-1/2" Wheel, 734 - 3,343 CFM At 1/8" Static Pressure	2,240.20	314.60
23 34 16 00-0018	EA	1-1/2 HP Centrifugal Fan, 13-1/2" Wheel, 734 - 3,343 CFM At 1/8" Static Pressure	2,313.18	329.63

23 34 16 00-0019 15" Diameter Wheel 1,258 To 4,146 CFM At 1/8" Static Pressure *(23 34 16 00-0003)*

23 34 16 00-0020	EA	1/4 HP Centrifugal Fan, 15" Wheel, 1,258 - 4,146 CFM At 1/8" Static Pressure	2,037.56	267.35
23 34 16 00-0021	EA	1/3 HP Centrifugal Fan, 15" Wheel, 1,258 - 4,146 CFM At 1/8" Static Pressure	2,083.65	283.46
23 34 16 00-0022	EA	1/2 HP Centrifugal Fan, 15" Wheel, 1,258 - 4,146 CFM At 1/8" Static Pressure	2,145.06	295.27
23 34 16 00-0023	EA	3/4 HP Centrifugal Fan, 15" Wheel, 1,258 - 4,146 CFM At 1/8" Static Pressure	2,196.66	314.60
23 34 16 00-0024	EA	1 HP Centrifugal Fan, 15" Wheel, 1,258 - 4,146 CFM At 1/8" Static Pressure	2,262.40	329.63
23 34 16 00-0025	EA	1-1/2 HP Centrifugal Fan, 15" Wheel, 1,258 - 4,146 CFM At 1/8" Static Pressure	2,354.25	354.32
23 34 16 00-0026	EA	2 HP Centrifugal Fan, 15" Wheel, 1,258 - 4,146 CFM At 1/8" Static Pressure	2,426.02	372.58

23 34 16 00-0027 16-1/2" Diameter Wheel 977 To 4,711 CFM At 1/8" Static Pressure *(23 34 16 00-0003)*

23 34 16 00-0028	EA	1/4 HP Centrifugal Fan, 16-1/2" Wheel, 977 - 4,711 CFM At 1/8" Static Pressure	2,333.94	283.46
23 34 16 00-0029	EA	1/3 HP Centrifugal Fan, 16-1/2" Wheel, 977 - 4,711 CFM At 1/8" Static Pressure	2,417.97	295.27
23 34 16 00-0030	EA	1/2 HP Centrifugal Fan, 16-1/2" Wheel, 977 - 4,711 CFM At 1/8" Static Pressure	2,510.93	314.60
23 34 16 00-0031	EA	3/4 HP Centrifugal Fan, 16-1/2" Wheel, 977 - 4,711 CFM At 1/8" Static Pressure	2,559.76	329.63
23 34 16 00-0032	EA	1 HP Centrifugal Fan, 16-1/2" Wheel, 977 - 4,711 CFM At 1/8" Static Pressure	2,623.85	354.32
23 34 16 00-0033	EA	1-1/2 HP Centrifugal Fan, 16-1/2" Wheel, 977 - 4,711 CFM At 1/8" Static Pressure	2,678.73	372.58
23 34 16 00-0034	EA	2 HP Centrifugal Fan, 16-1/2" Wheel, 977 - 4,711 CFM At 1/8" Static Pressure	2,975.07	404.79

23 34 16 00-0035 18-1/4" Diameter Wheel 2,193 To 6,498 CFM At 1/8" Static Pressure *(23 34 16 00-0003)*

23 34 16 00-0036	EA	1/4 HP Centrifugal Fan, 18-1/4" Wheel, 2,193 - 6,498 CFM At 1/8" Static Pressure	2,411.69	295.27

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 16 00-0037	EA	1/3 HP Centrifugal Fan, 18-1/4" Wheel, 2,193 - 6,498 CFM At 1/8" Static Pressure	2,468.72	314.60
23 34 16 00-0038	EA	1/2 HP Centrifugal Fan, 18-1/4" Wheel, 2,193 - 6,498 CFM At 1/8" Static Pressure	2,545.35	329.63
23 34 16 00-0039	EA	3/4 HP Centrifugal Fan, 18-1/4" Wheel, 2,193 - 6,498 CFM At 1/8" Static Pressure	2,604.56	354.32
23 34 16 00-0040	EA	1 HP Centrifugal Fan, 18-1/4" Wheel, 2,193 - 6,498 CFM At 1/8" Static Pressure	2,687.21	372.58
23 34 16 00-0041	EA	1-1/2 HP Centrifugal Fan, 18-1/4" Wheel, 2,193 - 6,498 CFM At 1/8" Static Pressure	2,811.84	404.79
23 34 16 00-0042	EA	2 HP Centrifugal Fan, 18-1/4" Wheel, 2,193 - 6,498 CFM At 1/8" Static Pressure	2,892.56	429.49
23 34 16 00-0043	EA	3 HP Centrifugal Fan, 18-1/4" Wheel, 2,193 - 6,498 CFM At 1/8" Static Pressure	3,012.66	472.44
23 34 16 00-0044		**20" Diameter Wheel 2,412 To 7,364 CFM At 1/8" Static Pressure** *(23 34 16 00-0003)*		
23 34 16 00-0045	EA	1/4 HP Centrifugal Fan, 20" Wheel, 2,412 - 7,364 CFM At 1/8" Static Pressure	2,436.08	314.60
23 34 16 00-0046	EA	1/3 HP Centrifugal Fan, 20" Wheel, 2,412 - 7,364 CFM At 1/8" Static Pressure	2,512.68	329.63
23 34 16 00-0047	EA	1/2 HP Centrifugal Fan, 20" Wheel, 2,412 - 7,364 CFM At 1/8" Static Pressure	2,604.56	354.32
23 34 16 00-0048	EA	3/4 HP Centrifugal Fan, 20" Wheel, 2,412 - 7,364 CFM At 1/8" Static Pressure	2,687.21	372.58
23 34 16 00-0049	EA	1 HP Centrifugal Fan, 20" Wheel, 2,412 - 7,364 CFM At 1/8" Static Pressure	2,844.48	404.79
23 34 16 00-0050	EA	1-1/2 HP Centrifugal Fan, 20" Wheel, 2,412 - 7,364 CFM At 1/8" Static Pressure	3,065.11	429.49
23 34 16 00-0051	EA	2 HP Centrifugal Fan, 20" Wheel, 2,412 - 7,364 CFM At 1/8" Static Pressure	3,218.82	472.44
23 34 16 00-0052	EA	3 HP Centrifugal Fan, 20" Wheel, 2,412 - 7,364 CFM At 1/8" Static Pressure	3,378.78	505.73
23 34 16 00-0053		**22-1/4" Diameter Wheel 2,265 To 8,483 CFM At 1/8" Static Pressure** *(23 34 16 00-0003)*		
23 34 16 00-0054	EA	1/4 HP Centrifugal Fan, 22-1/4" Wheel, 2,265 - 8,483 CFM At 1/8" Static Pressure	2,929.86	329.63
23 34 16 00-0055	EA	1/3 HP Centrifugal Fan, 22-1/4" Wheel, 2,265 - 8,483 CFM At 1/8" Static Pressure	2,983.96	354.32
23 34 16 00-0056	EA	1/2 HP Centrifugal Fan, 22-1/4" Wheel, 2,265 - 8,483 CFM At 1/8" Static Pressure	3,059.03	372.58
23 34 16 00-0057	EA	3/4 HP Centrifugal Fan, 22-1/4" Wheel, 2,265 - 8,483 CFM At 1/8" Static Pressure	3,152.83	404.79
23 34 16 00-0058	EA	1 HP Centrifugal Fan, 22-1/4" Wheel, 2,265 - 8,483 CFM At 1/8" Static Pressure	3,277.96	429.49
23 34 16 00-0059	EA	1-1/2 HP Centrifugal Fan, 22-1/4" Wheel, 2,265 - 8,483 CFM At 1/8" Static Pressure	3,318.56	472.44
23 34 16 00-0060	EA	2 HP Centrifugal Fan, 22-1/4" Wheel, 2,265 - 8,483 CFM At 1/8" Static Pressure	3,400.54	505.73
23 34 16 00-0061	EA	3 HP Centrifugal Fan, 22-1/4" Wheel, 2,265 - 8,483 CFM At 1/8" Static Pressure	3,546.97	566.92
23 34 16 00-0062		**24-1/2" Diameter Wheel 3,055 To 11,380 CFM At 1/8" Static Pressure** *(23 34 16 00-0003)*		
23 34 16 00-0063	EA	1/4 HP Centrifugal Fan, 24-1/2" Wheel, 3,055 - 11,380 CFM At 1/8" Static Pressure	3,525.95	354.32
23 34 16 00-0064	EA	1/2 HP Centrifugal Fan, 24-1/2" Wheel, 3,055 - 11,380 CFM At 1/8" Static Pressure	3,638.91	404.79
23 34 16 00-0065	EA	3/4 HP Centrifugal Fan, 24-1/2" Wheel, 3,055 - 11,380 CFM At 1/8" Static Pressure	3,752.28	429.49
23 34 16 00-0066	EA	1 HP Centrifugal Fan, 24-1/2" Wheel, 3,055 - 11,380 CFM At 1/8" Static Pressure	3,871.77	472.44
23 34 16 00-0067	EA	1-1/2 HP Centrifugal Fan, 24-1/2" Wheel, 3,055 - 11,380 CFM At 1/8" Static Pressure	3,977.31	505.73
23 34 16 00-0068	EA	2 HP Centrifugal Fan, 24-1/2" Wheel, 3,055 - 11,380 CFM At 1/8" Static Pressure	4,069.34	566.92
23 34 16 00-0069	EA	3 HP Centrifugal Fan, 24-1/2" Wheel, 3,055 - 11,380 CFM At 1/8" Static Pressure	4,198.46	616.31
23 34 16 00-0070	EA	5 HP Centrifugal Fan, 24-1/2" Wheel, 3,055 - 11,380 CFM At 1/8" Static Pressure	4,501.74	708.66
23 34 16 00-0071		**27" Diameter Wheel 2,734 To 13,266 CFM At 1/8" Static Pressure** *(23 34 16 00-0003)*		
23 34 16 00-0072	EA	1/4 HP Centrifugal Fan, 27" Wheel, 2,734 - 13,266 CFM At 1/8" Static Pressure	3,907.88	372.58
23 34 16 00-0073	EA	1/2 HP Centrifugal Fan, 27" Wheel, 2,734 - 13,266 CFM At 1/8" Static Pressure	4,024.36	429.49
23 34 16 00-0074	EA	3/4 HP Centrifugal Fan, 27" Wheel, 2,734 - 13,266 CFM At 1/8" Static Pressure	4,143.83	472.44
23 34 16 00-0075	EA	1 HP Centrifugal Fan, 27" Wheel, 2,734 - 13,266 CFM At 1/8" Static Pressure	4,249.39	505.73
23 34 16 00-0076	EA	1-1/2 HP Centrifugal Fan, 27" Wheel, 2,734 - 13,266 CFM At 1/8" Static Pressure	4,395.82	566.92
23 34 16 00-0077	EA	2 HP Centrifugal Fan, 27" Wheel, 2,734 - 13,266 CFM At 1/8" Static Pressure	4,524.61	616.31
23 34 16 00-0078	EA	3 HP Centrifugal Fan, 27" Wheel, 2,734 - 13,266 CFM At 1/8" Static Pressure	4,851.01	708.66
23 34 16 00-0079	EA	5 HP Centrifugal Fan, 27" Wheel, 2,734 - 13,266 CFM At 1/8" Static Pressure	4,893.11	787.03
23 34 16 00-0080		**Large Industrial Type Utility Backward Centrifugal Fans** *(23 34 16 00-0002)* Note: Over 30" diameter wheel.		
23 34 16 00-0081		**30" Diameter Wheel 4,926 To 17,456 CFM At 1/8" Static Pressure** *(23 34 16 00-0080)*		
23 34 16 00-0082	EA	1/2 HP Centrifugal Fan, 30" Wheel, 4,926 - 17,456 CFM At 1/8" Static Pressure	5,476.96	472.44
23 34 16 00-0083	EA	3/4 HP Centrifugal Fan, 30" Wheel, 4,926 - 17,456 CFM At 1/8" Static Pressure	5,578.23	505.73
23 34 16 00-0084	EA	1 HP Centrifugal Fan, 30" Wheel, 4,926 - 17,456 CFM At 1/8" Static Pressure	5,734.39	566.92
23 34 16 00-0085	EA	1-1/2 HP Centrifugal Fan, 30" Wheel, 4,926 - 17,456 CFM At 1/8" Static Pressure	5,874.05	616.31
23 34 16 00-0086	EA	2 HP Centrifugal Fan, 30" Wheel, 4,926 - 17,456 CFM At 1/8" Static Pressure	6,079.73	708.66
23 34 16 00-0087	EA	3 HP Centrifugal Fan, 30" Wheel, 4,926 - 17,456 CFM At 1/8" Static Pressure	6,264.32	787.03
23 34 16 00-0088	EA	5 HP Centrifugal Fan, 30" Wheel, 4,926 - 17,456 CFM At 1/8" Static Pressure	6,568.24	944.87
23 34 16 00-0089	EA	7-1/2 HP Centrifugal Fan, 30" Wheel, 4,926 - 17,456 CFM At 1/8" Static Pressure	6,848.71	1,089.83
23 34 16 00-0090		**33" Diameter Wheel 5,734 To 19,799 CFM At 1/8" Static Pressure** *(23 34 16 00-0080)*		
23 34 16 00-0091	EA	1/2 HP Centrifugal Fan, 33" Wheel, 5,734 - 19,799 CFM At 1/8" Static Pressure	6,425.92	505.73
23 34 16 00-0092	EA	3/4 HP Centrifugal Fan, 33" Wheel, 5,734 - 19,799 CFM At 1/8" Static Pressure	6,626.76	566.92
23 34 16 00-0093	EA	1 HP Centrifugal Fan, 33" Wheel, 5,734 - 19,799 CFM At 1/8" Static Pressure	6,810.30	616.31
23 34 16 00-0094	EA	1-1/2 HP Centrifugal Fan, 33" Wheel, 5,734 - 19,799 CFM At 1/8" Static Pressure	7,059.18	708.66
23 34 16 00-0095	EA	2 HP Centrifugal Fan, 33" Wheel, 5,734 - 19,799 CFM At 1/8" Static Pressure	7,287.31	787.03
23 34 16 00-0096	EA	3 HP Centrifugal Fan, 33" Wheel, 5,734 - 19,799 CFM At 1/8" Static Pressure	7,634.73	944.87
23 34 16 00-0097	EA	5 HP Centrifugal Fan, 33" Wheel, 5,734 - 19,799 CFM At 1/8" Static Pressure	8,023.93	1,089.83
23 34 16 00-0098	EA	7-1/2 HP Centrifugal Fan, 33" Wheel, 5,734 - 19,799 CFM At 1/8" Static Pressure	8,568.20	1,417.31
23 34 16 00-0099		**36-1/2" Diameter Wheel 5,388 To 22,500 CFM At 1/8" Static Pressure** *(23 34 16 00-0080)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 16 00-0100	EA	1/2 HP Centrifugal Fan, 36-1/2" Wheel, 5,388 - 22,500 CFM At 1/8" Static Pressure	6,857.50	566.92
23 34 16 00-0101	EA	3/4 HP Centrifugal Fan, 36-1/2" Wheel, 5,388 - 22,500 CFM At 1/8" Static Pressure	7,047.54	616.31
23 34 16 00-0102	EA	1 HP Centrifugal Fan, 36-1/2" Wheel, 5,388 - 22,500 CFM At 1/8" Static Pressure	7,655.53	708.66
23 34 16 00-0103	EA	1-1/2 HP Centrifugal Fan, 36-1/2" Wheel, 5,388 - 22,500 CFM At 1/8" Static Pressure	8,064.33	787.03
23 34 16 00-0104	EA	2 HP Centrifugal Fan, 36-1/2" Wheel, 5,388 - 22,500 CFM At 1/8" Static Pressure	8,564.37	944.87
23 34 16 00-0105	EA	3 HP Centrifugal Fan, 36-1/2" Wheel, 5,388 - 22,500 CFM At 1/8" Static Pressure	8,946.72	1,089.83
23 34 16 00-0106	EA	5 HP Centrifugal Fan, 36-1/2" Wheel, 5,388 - 22,500 CFM At 1/8" Static Pressure	9,748.02	1,417.31
23 34 16 00-0107	EA	7-1/2 HP Centrifugal Fan, 36-1/2" Wheel, 5,388 - 22,500 CFM At 1/8" Static Pressure	10,414.89	1,771.63

23 34 16 00-0108 Kitchen System Fans *(23 34 16 00-0001)*

23 34 16 00-0109 Upblast Kitchen Exhaust Fans *(23 34 16 00-0108)*

23 34 16 00-0110 Direct Drive Kitchen Upblast Exhaust Fans *(23 34 16 00-0109)*

Note: Greenheck CUE.

23 34 16 00-0111	EA	Up To 12" Wheel Diameter, 1/6 HP Direct Drive, Kitchen Upblast Exhaust Fan Note: 115V. For roof or wall installations. Includes disconnect switch.	1,360.03	139.58
		For Bird Screen, Add	*61.24*	
		For Backdraft Damper, Add	*167.06*	
		For Damper Motor, Add	*274.97*	
23 34 16 00-0112	EA	14" Wheel Diameter, 1/4 HP Direct Drive, Kitchen Upblast Exhaust Fan Note: 115V. For roof or wall installations. Includes disconnect switch.	1,603.31	139.58
		For Bird Screen, Add	*61.24*	
		For Backdraft Damper, Add	*167.06*	
		For Damper Motor, Add	*274.97*	

23 34 16 00-0113 Belt Drive Kitchen Upblast Exhaust Fans *(23 34 16 00-0109)*

Note: Greenheck CUBE.

23 34 16 00-0114	EA	10" Diameter Wheel, Up To 1/3 HP, 1,458 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.	2,371.77	139.58
		For Bird Screen, Add	*61.24*	
		For Wall Mounted Fan, Add	*94.87*	
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Grease Trap Kit, Add	*76.41*	
		For Hinged Curb Kit, Add	*177.87*	
		For Backdraft Damper, Add	*167.06*	
		For Damper Motor, Add	*274.97*	
23 34 16 00-0115	EA	12" Diameter Wheel, 1/2 HP, 1,923 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.	2,477.35	139.58
		For Bird Screen, Add	*61.24*	
		For Wall Mounted Fan, Add	*99.09*	
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Grease Trap Kit, Add	*76.41*	
		For Hinged Curb Kit, Add	*186.85*	
		For Backdraft Damper, Add	*167.06*	
		For Damper Motor, Add	*274.97*	
23 34 16 00-0116	EA	14" Diameter Wheel, 1/3 HP, 2,006 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.	2,112.75	161.06
		For Bird Screen, Add	*69.68*	
		For Wall Mounted Fan, Add	*84.51*	
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Grease Trap Kit, Add	*76.41*	
		For Hinged Curb Kit, Add	*152.20*	
		For Backdraft Damper, Add	*189.75*	
		For Damper Motor, Add	*274.97*	
23 34 16 00-0117	EA	14" Diameter Wheel, 1 HP, 2,757 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.	2,264.78	161.06
		For Bird Screen, Add	*69.68*	
		For Wall Mounted Fan, Add	*90.59*	
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Grease Trap Kit, Add	*76.41*	
		For Hinged Curb Kit, Add	*165.13*	
		For Backdraft Damper, Add	*189.75*	
		For Damper Motor, Add	*274.97*	
23 34 16 00-0118	EA	16" Diameter Wheel, 1/2 HP, 2,940 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.	2,884.38	187.90
		For Bird Screen, Add	*69.68*	
		For Wall Mounted Fan, Add	*115.38*	
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Grease Trap Kit, Add	*76.41*	
		For Hinged Curb Kit, Add	*213.23*	
		For Backdraft Damper, Add	*189.75*	
		For Damper Motor, Add	*274.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 16 00-0119	EA	16" Diameter Wheel, 1 HP, 3,129 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.	3,046.97	187.90
		For Bird Screen, Add	*69.68*	
		For Wall Mounted Fan, Add	*121.88*	
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Grease Trap Kit, Add	*76.41*	
		For Hinged Curb Kit, Add	*227.05*	
		For Backdraft Damper, Add	*189.75*	
		For Damper Motor, Add	*274.97*	
23 34 16 00-0120	EA	18" Diameter Wheel, 1/2 HP , 3,243 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.	3,320.87	201.33
		For Bird Screen, Add	*116.14*	
		For Wall Mounted Fan, Add	*132.83*	
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Grease Trap Kit, Add	*76.41*	
		For Hinged Curb Kit, Add	*248.05*	
		For Backdraft Damper, Add	*238.43*	
		For Damper Motor, Add	*274.97*	
23 34 16 00-0121	EA	18" Diameter Wheel, 1 HP , 4,223 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.	3,574.26	201.33
		For Bird Screen, Add	*116.14*	
		For Wall Mounted Fan, Add	*142.97*	
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Grease Trap Kit, Add	*76.41*	
		For Hinged Curb Kit, Add	*269.59*	
		For Backdraft Damper, Add	*238.43*	
		For Damper Motor, Add	*274.97*	
23 34 16 00-0122	EA	20" Diameter Wheel, 3/4 HP, 4,438 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.	3,630.68	214.75
		For Bird Screen, Add	*116.14*	
		For Wall Mounted Fan, Add	*145.23*	
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Grease Trap Kit, Add	*76.41*	
		For Hinged Curb Kit, Add	*272.10*	
		For Backdraft Damper, Add	*238.43*	
		For Damper Motor, Add	*274.97*	
23 34 16 00-0123	EA	20" Diameter Wheel, 2 HP, 6,450 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.	3,987.54	214.75
		For Bird Screen, Add	*116.14*	
		For Wall Mounted Fan, Add	*159.50*	
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Grease Trap Kit, Add	*76.41*	
		For Hinged Curb Kit, Add	*302.43*	
		For Backdraft Damper, Add	*238.43*	
		For Damper Motor, Add	*274.97*	
23 34 16 00-0124	EA	24" Diameter Wheel, 3/4 HP, 5,460 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.	4,594.47	241.59
		For Bird Screen, Add	*137.25*	
		For Wall Mounted Fan, Add	*183.78*	
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Grease Trap Kit, Add	*76.41*	
		For Hinged Curb Kit, Add	*349.46*	
		For Backdraft Damper, Add	*258.23*	
		For Damper Motor, Add	*274.97*	
23 34 16 00-0125	EA	24" Diameter Wheel, 2 HP, 7,985 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.	4,921.76	241.59
		For Bird Screen, Add	*137.25*	
		For Wall Mounted Fan, Add	*196.87*	
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Grease Trap Kit, Add	*76.41*	
		For Hinged Curb Kit, Add	*377.28*	
		For Backdraft Damper, Add	*258.23*	
		For Damper Motor, Add	*274.97*	
23 34 16 00-0126	EA	30" Diameter Wheel, 3/4 HP, 7,771 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/3. Includes heat baffle, grease baffle and disconnect switch.	5,839.09	268.43
		For Bird Screen, Add	*147.81*	
		For Wall Mounted Fan, Add	*233.56*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Grease Trap Kit, Add	*76.41*	
		For Hinged Curb Kit, Add	*450.69*	
		For Backdraft Damper, Add	*286.69*	
		For Damper Motor, Add	*274.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 16 00-0127	EA	30" Diameter Wheel, 2 HP, 10,192 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/3. Includes heat baffle, grease baffle and disconnect switch.	5,946.78	268.43
		For Bird Screen, Add	*147.81*	
		For Wall Mounted Fan, Add	*237.87*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Grease Trap Kit, Add	*76.41*	
		For Hinged Curb Kit, Add	*459.84*	
		For Backdraft Damper, Add	*286.69*	
		For Damper Motor, Add	*274.97*	
23 34 16 00-0128	EA	30" Diameter Wheel, 3 HP, 11,903 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/3. Includes heat baffle, grease baffle and disconnect switch.	6,493.68	268.43
		For Bird Screen, Add	*147.81*	
		For Wall Mounted Fan, Add	*259.75*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Grease Trap Kit, Add	*76.41*	
		For Hinged Curb Kit, Add	*506.33*	
		For Backdraft Damper, Add	*286.69*	
		For Damper Motor, Add	*274.97*	
23 34 16 00-0129	EA	30" Diameter Wheel, 5 HP, 14,266 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/3. Includes heat baffle, grease baffle and disconnect switch.	6,757.63	268.43
		For Bird Screen, Add	*147.81*	
		For Wall Mounted Fan, Add	*270.31*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Grease Trap Kit, Add	*76.41*	
		For Hinged Curb Kit, Add	*528.77*	
		For Backdraft Damper, Add	*286.69*	
		For Damper Motor, Add	*274.97*	
23 34 16 00-0130	EA	36" Diameter Wheel, 3 HP , 14,769 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/3. Includes heat baffle, grease baffle and disconnect switch.	7,440.89	295.27
		For Bird Screen, Add	*168.93*	
		For Wall Mounted Fan, Add	*297.64*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Grease Trap Kit, Add	*76.41*	
		For Hinged Curb Kit, Add	*582.28*	
		For Damper Motor, Add	*274.97*	
		For Backdraft Damper, Add	*338.66*	
23 34 16 00-0131	EA	36" Diameter Wheel, 5 HP , 17,884 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/3. Includes heat baffle, grease baffle and disconnect switch.	7,744.43	295.27
		For Bird Screen, Add	*168.93*	
		For Wall Mounted Fan, Add	*309.78*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Grease Trap Kit, Add	*76.41*	
		For Hinged Curb Kit, Add	*608.08*	
		For Damper Motor, Add	*274.97*	
		For Backdraft Damper, Add	*338.66*	
23 34 16 00-0132	EA	42" Diameter Wheel, 3 HP , 17,316 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 230/460/60/3. Includes birdscreen, heat baffle, grease baffle and disconnect switch.	7,806.64	322.11
		For Bird Screen, Add	*168.93*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Grease Trap Kit, Add	*76.41*	
		For Hinged Curb Kit, Add	*608.81*	
		For Damper Motor, Add	*274.97*	
		For Backdraft Damper, Add	*394.67*	
23 34 16 00-0133	EA	42" Diameter Wheel, 7-1/2 HP , 24,604 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 230/460/60/3. Includes birdscreen, heat baffle, grease baffle and disconnect switch.	8,473.06	322.11
		For Bird Screen, Add	*168.93*	
		For Totally Enclosed Motor, Add	*85.00*	
		For Grease Trap Kit, Add	*76.41*	
		For Hinged Curb Kit, Add	*665.45*	
		For Damper Motor, Add	*274.97*	
		For Backdraft Damper, Add	*394.67*	

23 34 16 00-0134 Untempered Kitchen Make-Up Air Fans *(23 34 16 00-0108)*

Note: Roof mounted with downblast discharge, weatherhood and filter.

23 34 16 00-0135 Direct Drive Kitchen Make-Up Air Fans *(23 34 16 00-0134)*

23 34 16 00-0136	EA	7" Diameter Wheel, 1/2 HP Direct Drive, Kitchen Make-Up Air Fan Note: 115V. For roof installations. Includes downblast discharge, weatherhood, filter and disconnect switch.	1,584.60	139.58
		For Extended Weatherhood, Add	*265.58*	
23 34 16 00-0137	EA	8" Diameter Wheel, 1 HP Direct Drive, Kitchen Make-Up Air Fan Note: 115V. For roof installations. Includes downblast discharge, weatherhood, filter and disconnect switch.	1,667.25	139.58
		For Extended Weatherhood, Add	*277.98*	
23 34 16 00-0138	EA	9" Diameter Wheel, 1 HP Direct Drive, Kitchen Make-Up Air Fan Note: 115V. For roof installations. Includes downblast discharge, weatherhood, filter and disconnect switch.	1,768.67	139.58
		For Extended Weatherhood, Add	*293.19*	

23 34 16 00-0139 Belt Drive Kitchen Make-Up Air Fans *(23 34 16 00-0134)*

23 34 16 00-0140	EA	9" Diameter Wheel, 1/2 HP Belt Drive, Kitchen Make-Up Air Fan Note: 115/208-230/60/1. For roof installations. Includes downblast discharge, weatherhood, filter and disconnect switch.	1,808.01	139.58
		For Extended Weatherhood, Add	*299.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 16 00-0141	EA	10" Diameter Wheel, 1-1/2 HP Belt Drive, Kitchen Make-Up Air Fan Note: 115/208-230/60/1. For roof installations. Includes downblast discharge, weatherhood, filter and disconnect switch.	2,017.31	187.90
		For Extended Weatherhood, Add	*340.18*	
23 34 16 00-0142	EA	12" Diameter Wheel, 2 HP Belt Drive, Kitchen Make-Up Air Fan Note: 115/208-230/60/1. For roof installations. Includes downblast discharge, weatherhood, filter and disconnect switch.	2,435.51	214.75
		For Extended Weatherhood, Add	*408.28*	
23 34 16 00-0143	EA	15" Diameter Wheel, 3 HP Belt Drive, Kitchen Make-Up Air Fan Note: 230/460/60/3. For roof installations. Includes downblast discharge, weatherhood, filter and disconnect switch.	2,817.39	268.43
		For Extended Weatherhood, Add	*476.29*	
23 34 16 00-0144	EA	18" Diameter Wheel, 5 HP Belt Drive, Kitchen Make-Up Air Fan Note: 230/460/60/3. For roof installations. Includes downblast discharge, weatherhood, filter and disconnect switch.	3,410.38	322.11
		For Extended Weatherhood, Add	*575.98*	
23 34 16 00-0145		**Replacement Parts** *(23 34 16 00-0001)*		
23 34 16 00-0146		**Replace Belts And Accessories** *(23 34 16 00-0145)*		
23 34 16 00-0147	EA	Fan Shaft Bearing, Replacement	853.05	378.36
23 34 16 00-0148	EA	Fan Belt, Replacement	141.21	51.31
23 34 16 00-0149		**Corrosive Fume Resistant Plastic** *(23 34 16 00-0001)*		
23 34 16 00-0150		**Centrifugal Roof Ventilators, Belt Drive, 1/4" Static Pressure** *(23 34 16 00-0149)*		
23 34 16 00-0151	EA	250 CFM, 1/4 HP Roof Ventilator, Centrifugal, Belt Drive, Corrosive Fume Resistant Plastic	6,290.66	193.71
		For Explosion Proof Motor, Add	*885.49*	
23 34 16 00-0152	EA	895 CFM, 1/3 HP Roof Ventilator, Centrifugal, Belt Drive, Corrosive Fume Resistant Plastic	6,828.62	232.69
		For Explosion Proof Motor, Add	*954.49*	
23 34 16 00-0153	EA	1,630 CFM, 1/2 HP Roof Ventilator, Centrifugal, Belt Drive, Corrosive Fume Resistant Plastic	8,094.95	290.86
		For Explosion Proof Motor, Add	*1,126.98*	
23 34 16 00-0154	EA	2,240 CFM, 1 HP Roof Ventilator, Centrifugal, Belt Drive, Corrosive Fume Resistant Plastic	8,672.65	388.01
		For Explosion Proof Motor, Add	*1,184.48*	
23 34 16 00-0155	EA	3,810 CFM, 2 HP Roof Ventilator, Centrifugal, Belt Drive, Corrosive Fume Resistant Plastic	9,903.32	581.72
		For Explosion Proof Motor, Add	*1,310.98*	
23 34 16 00-0156	EA	11,760 CFM, 5 HP Roof Ventilator, Centrifugal, Belt Drive, Corrosive Fume Resistant Plastic	17,046.69	1,163.44
		For Explosion Proof Motor, Add	*2,207.97*	
23 34 16 00-0157	EA	18,810 CFM, 10 HP Roof Ventilator, Centrifugal, Belt Drive, Corrosive Fume Resistant Plastic	24,869.27	1,663.14
		For Explosion Proof Motor, Add	*3,231.46*	
23 34 16 00-0158		**Utility Set, Centrifugal, Belt Drive** *(23 34 16 00-0149)*		
23 34 16 00-0159	EA	1,200 CFM, 1/4 HP Utility Set, Centrifugal, Belt Drive, 1/4 Static Pressure, Corrosive Fume Resistant Plastic	6,290.66	193.71
		For Explosion Proof Motor, Add	*885.49*	
23 34 16 00-0160	EA	1,520 CFM, 1/3 HP Utility Set, Centrifugal, Belt Drive, 1/4 Static Pressure, Corrosive Fume Resistant Plastic	6,445.29	232.69
		For Explosion Proof Motor, Add	*896.99*	
23 34 16 00-0161	EA	1,850 CFM, 1/2 HP Utility Set, Centrifugal, Belt Drive, 1/4 Static Pressure, Corrosive Fume Resistant Plastic	6,561.64	290.86
		For Explosion Proof Motor, Add	*896.99*	
23 34 16 00-0162	EA	2,180 CFM, 3/4 HP Utility Set, Centrifugal, Belt Drive, 1/4 Static Pressure, Corrosive Fume Resistant Plastic	6,756.01	388.01
		For Explosion Proof Motor, Add	*896.99*	
23 34 16 00-0163	EA	3,600 CFM, 1 HP Utility Set, Centrifugal, Belt Drive, 1/4 Static Pressure, Corrosive Fume Resistant Plastic	9,290.00	581.72
		For Explosion Proof Motor, Add	*1,218.98*	
23 34 16 00-0164	EA	4,250 CFM, 1-1/2 HP Utility Set, Centrifugal, Belt Drive, 1/4 Static Pressure, Corrosive Fume Resistant Plastic	9,580.87	727.15
		For Explosion Proof Motor, Add	*1,218.98*	
23 34 16 00-0165	EA	4,800 CFM, 2 HP Utility Set, Centrifugal, Belt Drive, 1/4 Static Pressure, Corrosive Fume Resistant Plastic	9,790.74	832.09
		For Explosion Proof Motor, Add	*1,218.98*	
23 34 16 00-0166	EA	6,920 CFM, 5 HP Utility Set, Centrifugal, Belt Drive, 1/4 Static Pressure, Corrosive Fume Resistant Plastic	10,025.06	872.58
		For Explosion Proof Motor, Add	*1,241.98*	
23 34 16 00-0167	EA	7,700 CFM, 7-1/2 HP Utility Set, Centrifugal, Belt Drive, 1/4 Static Pressure, Corrosive Fume Resistant Plastic	10,295.63	969.49
		For Explosion Proof Motor, Add	*1,253.48*	
23 34 16 00-0168		**In-Line Duct Fans** *(23 34 16 00-0001)*		
23 34 16 00-0169		**Direct Drive In-Line Duct Fans** *(23 34 16 00-0168)* Note: Greenheck SQ.		
23 34 16 00-0170	EA	Up To 10" Wheel Diameter, 1/16 HP Direct Drive, In Line Duct Fan Note: 115V. Includes disconnect switch.	1,636.37	139.58
23 34 16 00-0171	EA	13" Wheel Diameter, 1/6 HP Direct Drive, In Line Duct Fan Note: 115V. Includes disconnect switch.	2,099.89	150.33
23 34 16 00-0172	EA	14" Wheel Diameter, 1/3 HP Direct Drive, In Line Duct Fan Note: 115V. Includes disconnect switch.	2,303.83	161.06
23 34 16 00-0173		**Belt Drive In-Line Duct Fans** *(23 34 16 00-0168)* Note: Greenheck BSQ.		
23 34 16 00-0174	EA	Up To 12" Wheel Diameter, 1/4 HP Belt Drive, In Line Duct Fan Note: 115/208-230/60/1. Includes disconnect switch.	2,409.38	161.06
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 16 00-0175	EA	13" Or 14" Wheel Diameter, 1/4 HP Belt Drive, In Line Duct Fan Note: 115/208-230/60/1. Includes disconnect switch.	2,768.32	187.90
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
23 34 16 00-0176	EA	13" Or 14" Wheel Diameter, 3/4 HP Belt Drive, In Line Duct Fan Note: 115/208-230/60/1. Includes disconnect switch.	3,120.59	187.90
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
23 34 16 00-0177	EA	13" Or 14" Wheel Diameter, 1-1/2 HP Belt Drive, In Line Duct Fan Note: 115/208-230/60/1. Includes disconnect switch.	3,420.08	187.90
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
23 34 16 00-0178	EA	16" Or 18" Wheel Diameter, 1/3 HP Belt Drive, In Line Duct Fan Note: 115/208-230/60/1. Includes disconnect switch.	3,321.16	214.75
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
23 34 16 00-0179	EA	16" Or 18" Wheel Diameter, 1-1/2 HP Belt Drive, In Line Duct Fan Note: 115/208-230/60/1. Includes disconnect switch.	3,828.35	214.75
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
23 34 16 00-0180	EA	24" Wheel Diameter, 1 HP Belt Drive, In Line Duct Fan Note: 115/208-230/60/1. Includes disconnect switch.	4,873.20	268.43
		For 3 Phase Motor, Deduct	*-50.00*	
		For Totally Enclosed Motor, Add	*85.00*	
23 34 16 00-0181	EA	24" Wheel Diameter, 3 HP Belt Drive, In Line Duct Fan Note: 230/460/60/3. Includes disconnect switch.	5,153.19	268.43
		For Totally Enclosed Motor, Add	*85.00*	
23 34 16 00-0182	EA	24" Wheel Diameter, 5 HP Belt Drive, In Line Duct Fan Note: Belt drive. 230/460/60/3. Includes disconnect switch.	5,350.56	268.43
		For Totally Enclosed Motor, Add	*85.00*	
23 34 16 00-0183	EA	30 Or 36" Wheel Diameter, 3 HP Belt Drive, In Line Duct Fan Note: 230/460/60/3. Includes disconnect switch.	6,184.40	322.11
		For Totally Enclosed Motor, Add	*85.00*	
23 34 16 00-0184	EA	30 Or 36" Wheel Diameter, 5 HP Belt Drive, In Line Duct Fan Note: 230/460/60/3. Includes disconnect switch.	6,419.97	322.11
		For Totally Enclosed Motor, Add	*85.00*	
23 34 16 00-0185	EA	30 Or 36" Wheel Diameter, 7-1/2 HP Belt Drive, In Line Duct Fan Note: 230/460/60/3. Includes disconnect switch.	6,709.46	322.11
		For Totally Enclosed Motor, Add	*85.00*	

23 34 16 00-0186 In-Line Cabinet Fans *(23 34 16 00-0001)*

23 34 16 00-0187	EA	77 - 124 CFM, 115 Volt, Direct Drive In-Line Cabinet Fan	506.16	93.95
23 34 16 00-0188	EA	91 - 138 CFM, 115 Volt, Direct Drive In-Line Cabinet Fan	506.16	93.95
23 34 16 00-0189	EA	82 - 266 CFM, 115 Volt, Direct Drive In-Line Cabinet Fan	577.00	99.32
23 34 16 00-0190	EA	281 - 412 CFM, 115 Volt, Direct Drive In-Line Cabinet Fan	641.03	99.32
23 34 16 00-0191	EA	190 CFM, 115 Volt, Direct Drive Cabinet Fan	815.92	99.32
23 34 16 00-0192	EA	217 - 447 CFM, 115 Volt, Direct Drive In-Line Cabinet Fan	669.61	99.32
23 34 16 00-0193	EA	325 - 545 CFM, 115 Volt, Direct Drive In-Line Cabinet Fan	770.11	99.32
23 34 16 00-0194	EA	250 - 545 CFM, 115 Volt, 1/6 HP, Direct Drive In-Line Cabinet Fan	1,479.50	99.32
23 34 16 00-0195	EA	419 - 766 CFM, 115 Volt, Direct Drive In-Line Cabinet Fan	908.93	104.68
23 34 16 00-0196	EA	334 - 737 CFM, 115 Volt, Direct Drive In-Line Cabinet Fan	924.70	104.68
23 34 16 00-0197	EA	350 - 737 CFM, 120 Volt, 1/4 HP, Direct Drive In-Line Cabinet Fan	1,539.52	104.68
23 34 16 00-0198	EA	527 - 813 CFM, 115 Volt, Direct Drive In-Line Cabinet Fan	924.70	104.68
23 34 16 00-0199	EA	631 - 908 CFM, 115 Volt, Direct Drive In-Line Cabinet Fan	1,254.76	104.68
23 34 16 00-0200	EA	752 - 1244 CFM, 115 Volt, Direct Drive In-Line Cabinet Fan	1,254.76	104.68
23 34 16 00-0201	EA	1043 - 1584 CFM, 115 Volt, 1/3 HP, Direct Drive In-Line Cabinet Fan	1,254.76	104.68
23 34 16 00-0202	EA	999 - 1672 CFM, 115 Volt, Direct Drive In-Line Cabinet Fan	1,365.12	104.68

23 34 16 00-0203 Propeller And Ceiling Fans *(23 34 16)*

23 34 16 00-0204 Direct Drive, Sidewall Propeller Exhaust Fan *(23 34 16 00-0203)*

Note: Greenheck SE1.

23 34 16 00-0205	EA	1/25 HP, 307 CFM At 1/8" Static Pressure, 8" Diameter, Direct Drive, Sidewall Propeller Exhaust Fan Note: Includes motor side guard.	712.26	114.89
		For Backdraft Damper, Add	*196.79*	
		For Wall Mount Collar, Add	*284.40*	
23 34 16 00-0206	EA	1/12 HP, 763 CFM At 1/8" Static Pressure, 10" Diameter, Direct Drive, Sidewall Propeller Exhaust Fan Note: Includes motor side guard.	752.81	127.78
		For Backdraft Damper, Add	*210.81*	
		For Wall Mount Collar, Add	*284.40*	
23 34 16 00-0207	EA	1/8 HP, 1,149 CFM At 1/8" Static Pressure, 12" Diameter, Direct Drive, Sidewall Propeller Exhaust Fan Note: Includes motor side guard.	833.51	141.73
		For Backdraft Damper, Add	*230.61*	
		For Wall Mount Collar, Add	*291.80*	
23 34 16 00-0208	EA	1/6 HP, 1,350 CFM At 1/8" Static Pressure, 14" Diameter, Direct Drive, Sidewall Propeller Exhaust Fan	1,232.08	156.76
		For Backdraft Damper, Add	*276.41*	
		For Wall Mount Collar, Add	*297.09*	
		For Motor Side Guard, Add	*247.22*	
23 34 16 00-0209	EA	1/6 HP, 2,012 CFM At 1/8" Static Pressure, 16" Diameter, Direct Drive, Sidewall Propeller Exhaust Fan	1,024.50	173.94
		For Backdraft Damper, Add	*276.41*	
		For Wall Mount Collar, Add	*304.51*	
		For Motor Side Guard, Add	*263.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 16 00-0210	EA	1/4 HP, 2,908 CFM At 1/8" Static Pressure, 18" Diameter, Direct Drive, Sidewall Propeller Exhaust Fan	1,150.95	193.27
		For Backdraft Damper, Add	*336.64*	
		For Wall Mount Collar, Add	*311.90*	
		For Motor Side Guard, Add	*278.92*	
23 34 16 00-0211	EA	1/3 HP, 3,974 CFM At 1/8" Static Pressure, 20" Diameter, Direct Drive, Sidewall Propeller Exhaust Fan	1,311.98	214.75
		For Backdraft Damper, Add	*336.64*	
		For Wall Mount Collar, Add	*317.21*	
		For Motor Side Guard, Add	*301.10*	
23 34 16 00-0212		**Belt Drive Propeller Exhaust Fans** *(23 34 16 00-0203)*		
		Note: Wall shutter 1/8" static pressure, with birdscreen.		
23 34 16 00-0213	EA	24" Propeller Exhaust Fan, V-Belt Drive, 5,795 CFM, 1/2 HP, With Wall Shutter	2,457.29	307.08
23 34 16 00-0214	EA	30" Propeller Exhaust Fan, V-Belt Drive, 9,060 CFM, 3/4 HP, With Wall Shutter	2,812.96	357.55
23 34 16 00-0215	EA	36" Propeller Exhaust Fan, V-Belt Drive, 11,850 CFM, 1 HP, With Wall Shutter	3,186.05	429.49
23 34 16 00-0216	EA	42" Propeller Exhaust Fan, V-Belt Drive, 17,400 CFM, 1-1/2 HP, With Wall Shutter	4,449.00	536.86
23 34 16 00-0217	EA	48" Propeller Exhaust Fan, V-Belt Drive, 19,870 CFM, 1-1/2 HP, With Wall Shutter	5,291.74	716.17
23 34 16 00-0218	EA	54" Propeller Exhaust Fan, V-Belt Drive, 26,000 CFM, 2 HP, With Wall Shutter	7,333.47	1,073.72
23 34 16 00-0219	EA	60" Propeller Exhaust Fan, V-Belt Drive, 35,120 CFM, 3 HP, With Wall Shutter	8,783.89	1,376.50
23 34 16 00-0220		**Propeller Exhaust Fan Accessories** *(23 34 16 00-0203)*		
23 34 16 00-0221	SF	Hinged Mesh Screen For Wall Propeller Fans, 1" x 1" Frame (SF Of Fan Opening)	125.68	
23 34 16 00-0222	SF	Galvanized Weather Hood For Wall Propeller Fan (SF Of Fan Opening)	290.57	
23 34 16 00-0223		**Reversible Ceiling Fans** *(23 34 16 00-0203)*		
23 34 16 00-0224		**4 Blade Ceiling Fans** *(23 34 16 00-0223)*		
23 34 16 00-0225	EA	42" 4-Blade Ceiling Fan, Three Speed	572.64	57.47
		For Brass Plated Motor, Add	*20.25*	
		For Light Kit, Add	*25.96*	
23 34 16 00-0226		**5 Blade Ceiling Fans** *(23 34 16 00-0223)*		
23 34 16 00-0227	EA	42" 5-Blade Ceiling Fan, Three Speed	627.34	142.22
		For Brass Plated Motor, Add	*20.25*	
		For Light Kit, Add	*26.02*	
23 34 16 00-0228	EA	52" 5-Blade Ceiling Fan, Three Speed	716.85	142.22
		For Brass Plated Motor, Add	*20.25*	
		For Light Kit, Add	*26.13*	
23 34 16 00-0229		**3 Blade Weatherproof Ceiling Fans** *(23 34 16 00-0223)*		
23 34 16 00-0230	EA	3-Blade Ceiling Fan, Weatherproof, Three Speed	589.17	53.15
23 34 16 00-0231		**Exhaust Fans** *(23 34 16)*		
23 34 16 00-0232		**Exhaust Fans** *(23 34 16 00-0231)*		
		Note: Excludes ducting.		
23 34 16 00-0233		**Light Duty Exhaust Fans** *(23 34 16 00-0232)*		
23 34 16 00-0234		**Light Duty Exhaust Fans** *(23 34 16 00-0233)*		
23 34 16 00-0235	EA	50 CFM, Ceiling/Wall Mounted, Polymeric Intake Grille, Light Duty Exhaust Fan Without Light (Broan® 670)	146.37	46.44
23 34 16 00-0236	EA	70 CFM, Ceiling/Wall Mounted, Polymeric Intake Grille, Light Duty Exhaust Fan Without Light (Broan® 671)	155.30	46.44
23 34 16 00-0237	EA	180 CFM, Ceiling Mounted, Polymeric Intake Grille, Vertical Discharge, Light Duty Exhaust Fan Without Light (Broan® 505)	262.55	46.44
23 34 16 00-0238	EA	350 CFM, Ceiling Mounted, Polymeric Intake Grille, Vertical Discharge, Light Duty Exhaust Fan Without Light (Broan® 504)	334.26	46.44
23 34 16 00-0239	EA	160 CFM, Ceiling/Wall Mounted, Polymeric Intake Grille, Side Discharge, Light Duty Exhaust Fan Without Light (Broan® 503)	297.85	46.44
23 34 16 00-0240	EA	270 CFM, Ceiling/Wall Mounted, Polymeric Intake Grille, Side Discharge, Light Duty Exhaust Fan Without Light (Broan® 502)	399.69	46.44
23 34 16 00-0241		**Light Duty Exhaust Fans With Lights** *(23 34 16 00-0233)*		
23 34 16 00-0242	EA	50 CFM, Ceiling Mounted, Polymeric Intake Grille, Light Duty Exhaust Fan With Light (Broan® 678)	194.15	46.44
23 34 16 00-0243	EA	70 CFM, Ceiling Mounted, Polymeric Intake Grille, Light Duty Exhaust Fan With Light (Broan® 679)	216.53	46.44
23 34 16 00-0244	EA	100 CFM, Ceiling Mounted, Polymeric Intake Grille, Light Duty Exhaust Fan With Light (Broan® 680)	413.36	46.44
23 34 16 00-0245		**Light Duty Exhaust Fans With Heaters** *(23 34 16 00-0233)*		
23 34 16 00-0246	EA	70 CFM, Ceiling Mounted, Polymeric Intake Grille, Light Duty Exhaust Fan With Heater Bulb (Broan® 162)	199.00	46.44
23 34 16 00-0247	EA	70 CFM, Ceiling Mounted, Polymeric Intake Grille, Light Duty Exhaust Fan With Heater (Broan® 658)	321.72	46.44
23 34 16 00-0248		**Light Duty Exhaust Fans With Heaters And Lights** *(23 34 16 00-0233)*		
23 34 16 00-0249	EA	70 CFM, Ceiling Mounted, Polymeric Intake Grille, Light Duty Exhaust Fan With Heater And Light (Broan® 655)	342.99	46.44
23 34 16 00-0250	EA	100 CFM, Ceiling Mounted, Polymeric Intake Grille, Light Duty Exhaust Fan With Heater And Light (Broan® 100HL)	525.66	46.44

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 16 00-0251		Heavy Duty/Continuous Operation Exhaust Fans *(23 34 16 00-0232)*		
23 34 16 00-0252		Heavy Duty/Continuous Operation Exhaust Fans *(23 34 16 00-0251)*		
		Note: Includes enamel steel or aluminum grille.		
23 34 16 00-0253	EA	50 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan (Broan® HD50)	232.79	46.44
23 34 16 00-0254	EA	80 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan (Broan® HD80)	258.44	46.44
23 34 16 00-0255	EA	109 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L100MG)	480.45	46.44
23 34 16 00-0256	EA	157 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L150MG)	492.34	46.44
23 34 16 00-0257	EA	210 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L200MG)	529.33	46.44
23 34 16 00-0258	EA	259 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L250MG)	552.98	46.44
23 34 16 00-0259	EA	308 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L300MG)	562.14	46.44
23 34 16 00-0260	EA	434 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L400)	644.72	46.44
23 34 16 00-0261	EA	514 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L500)	735.82	46.44
23 34 16 00-0262	EA	701 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L700)	787.70	46.44
23 34 16 00-0263	EA	901 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L900)	939.28	46.44
23 34 16 00-0264	EA	1,513 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L1500)	1,209.29	46.44
23 34 16 00-0265		Heavy Duty/Continuous Operation Kitchen Exhaust Fans *(23 34 16 00-0251)*		
		Note: Includes enamel steel or aluminum grille.		
23 34 16 00-0266	EA	308 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Kitchen Heavy Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L300KMG)	499.26	46.44
23 34 16 00-0267	EA	434 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Kitchen Heavy Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L400K)	729.01	46.44
23 34 16 00-0268	EA	514 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Kitchen Heavy Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L500K)	771.55	46.44
23 34 16 00-0269		Heavy Duty/Continuous Operation Exhaust Fans With Lights *(23 34 16 00-0251)*		
23 34 16 00-0270	EA	50 CFM, Ceiling/Wall Mounted, Polymeric Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan With Light (Broan® HD50L)	253.80	46.44
23 34 16 00-0271	EA	80 CFM, Ceiling/Wall Mounted, Polymeric Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan With Light (Broan® HD80L)	277.89	46.44
23 34 16 00-0272		Fire Rated, Heavy Duty/Continuous Operation Exhaust Fans *(23 34 16 00-0251)*		
23 34 16 00-0273	EA	50 CFM, Ceiling Mounted, Metal Intake Grille, Fire Rated, Heavy Duty/Continuous Operation Exhaust Fan (Broan® HD50RDF)	264.38	46.44
23 34 16 00-0274	EA	80 CFM, Ceiling Mounted, Metal Intake Grille, Fire Rated, Heavy Duty/Continuous Operation Exhaust Fan (Broan® HD80RDF)	280.32	46.44
23 34 16 00-0275	EA	110 CFM, Ceiling Mounted, Metal Intake Grille, Fire Rated, Heavy Duty/Continuous Operation Exhaust Fan (Broan® 110RDF)	288.02	46.44
23 34 16 00-0276		Low Sound, Direct Drive, Centrifugal Ceiling Exhaust Fans *(23 34 16 00-0232)*		
23 34 16 00-0277	EA	900 CFM Low Sound, Direct Drive Centrifugal Ceiling Exhaust Fan (Greenheck SP-A900)	1,298.92	46.44
23 34 16 00-0278	EA	1050 CFM Low Sound, Direct Drive Centrifugal Ceiling Exhaust Fan (Greenheck SP-A1050)	1,298.92	46.44
23 34 16 00-0279	EA	1410 CFM Low Sound, Direct Drive Centrifugal Ceiling Exhaust Fan (Greenheck SP-A1410)	1,298.92	46.44
23 34 16 00-0280	EA	1550 CFM Low Sound, Direct Drive Centrifugal Ceiling Exhaust Fan (Greenheck SP-A1550)	1,426.32	46.44
23 34 16 00-0281		Room-To-Room Exhaust Fans *(23 34 16 00-0232)*		
23 34 16 00-0282	EA	90 CFM, Polymeric Grilles, Wall Mounted, Room-To-Room Exhaust Fan (Broan® 512)	188.13	46.44
23 34 16 00-0283	EA	180 CFM, Polymeric Grilles, Wall Mounted, Room-To-Room Exhaust Fan (Broan® 511)	318.38	46.44
23 34 16 00-0284	EA	380 CFM, Polymeric Grilles, Wall Mounted, Room-To-Room Exhaust Fan (Broan® 510)	365.85	46.44
23 34 16 00-0285		Through-Wall Exhaust Fans *(23 34 16 00-0232)*		
23 34 16 00-0286	EA	250 CFM, Wall Mounted, Polymeric Intake Grille, Chain Operated, Through Wall Exhaust Fan (Broan® 507)	341.03	46.44
23 34 16 00-0287	EA	470 CFM, Wall Mounted, Polymeric Intake Grille, Chain Operated, Through Wall Exhaust Fan (Broan® 506)	406.45	46.44
23 34 16 00-0288	EA	180 CFM, Wall Mounted, Polymeric Intake Grille, Through-Wall Exhaust Fan (Broan® 509)	296.05	46.44
23 34 16 00-0289	EA	270 CFM, Wall Mounted, Polymeric Intake Grille, Through-Wall Exhaust Fan (Broan® 508)	399.69	46.44
23 34 16 00-0290	EA	360 CFM, Wall Mounted, Polymeric Intake Grille, Through-Wall Exhaust Fan With Motorized Door (Broan® 12C)	706.49	46.44
23 34 16 00-0291		Exhaust Fan Accessories *(23 34 16 00-0232)*		
23 34 16 00-0292		Exhaust Fan Controls *(23 34 16 00-0291)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 16 00-0293	EA	Electronic Variable Speed Control Dial, Single Gang, Exhaust Fan Controls (Broan® 57)	186.64	29.03
23 34 16 00-0294	EA	60-Minute Time Control Dial, Single Gang, Exhaust Fan Controls (Broan® 59)	128.77	29.03
23 34 16 00-0295	EA	60-Minute Time Control Dial With Rocker Switch, Double Gang, Exhaust Fan Controls (Broan® 61)	130.15	29.03

23 34 16 00-0296 Roof And Wall Caps For Exhaust Fans *(23 34 16 00-0291)*

23 34 16 00-0297 Wall Caps For Exhaust Fans *(23 34 16 00-0296)*

23 34 16 00-0298	EA	Aluminum Wall Cap For Up To 12" Duct, Installed On Exterior Walls (Broan® 613)	295.31	58.29
23 34 16 00-0299	EA	Aluminum Wall Cap For Up To 18" Duct, Installed On Exterior Walls (Broan® 643)	299.86	58.29

23 34 16 00-0300 Roof Caps For Exhaust Fans *(23 34 16 00-0296)*

Note: Includes flashing and built in bird screen.

23 34 16 00-0301	EA	Aluminum Roof Cap For Up To 8" Duct, Installed On Flat Roofs (Broan® 611)	248.29	58.29
23 34 16 00-0302	EA	Aluminum Roof Cap For Up To 12" Duct, Installed On Flat Roofs (Broan® 612)	366.59	58.29
23 34 16 00-0303	EA	CRCQ Steel Roof Cap For Up To 4" Duct, Installed On Sloped Roofs (Broan® 636)	157.36	58.29
23 34 16 00-0304	EA	CRCQ Steel Roof Cap For Up To 8" Duct, Installed On Sloped Roofs (Broan® 634)	192.84	58.29

23 34 16 00-0305 Removal And Reinstallation Of Light Duty Ceiling Exhaust Fan *(23 34 16 00-0232)*

Note: Includes storage and cleaning.

23 34 16 00-0306	EA	Removal And Reinstallation Of Light Duty Ceiling Exhaust Fan	80.52	

23 34 23 HVAC Power Ventilators *(23 34)*

23 34 23 00-0001 Power Roof Ventilators *(23 34 23)*

23 34 23 00-0002 Direct Drive, Aluminum, Centrifugal Roof Exhausters *(23 34 23 00-0001)*

Note: Greenheck G.

23 34 23 00-0003	EA	1/25 HP, 310 CFM At 1/4" Static Pressure, 17" x 17" Base, Direct Drive, Aluminum, Centrifugal Roof Exhauster Note: Three speed motor.	620.42	153.54
		For 12" Roof Curb, Add	*212.71*	
		For Backdraft Damper, Add	*155.92*	
		For Solid State Speed Control, Add	*112.53*	
		For Damper Motor, Add	*274.97*	
23 34 23 00-0004	EA	1/8 HP, 863 CFM At 1/4" Static Pressure, 17" x 17" Base, Direct Drive, Aluminum, Centrifugal Roof Exhauster Note: Three speed motor.	679.25	173.94
		For 12" Roof Curb, Add	*212.71*	
		For Backdraft Damper, Add	*155.92*	
		For Solid State Speed Control, Add	*112.53*	
		For Damper Motor, Add	*274.97*	
23 34 23 00-0005	EA	1/6 HP, 1,213 CFM At 1/4" Static Pressure, 19" x 19" Base, Direct Drive, Aluminum, Centrifugal Roof Exhauster	975.05	202.93
		For 12" Roof Curb, Add	*219.04*	
		For Backdraft Damper, Add	*167.06*	
		For Solid State Speed Control, Add	*112.53*	
		For Damper Motor, Add	*274.97*	
23 34 23 00-0006	EA	1/4 HP, 1,374 CFM At 1/4" Static Pressure, 19" x 19" Base, Direct Drive, Aluminum, Centrifugal Roof Exhauster	1,004.09	228.70
		For 12" Roof Curb, Add	*219.04*	
		For Backdraft Damper, Add	*167.06*	
		For Solid State Speed Control, Add	*112.53*	
		For Damper Motor, Add	*274.97*	
23 34 23 00-0007	EA	1/3 HP, 1,905 CFM At 1/4" Static Pressure, 22" x 22" Base, Direct Drive, Aluminum, Centrifugal Roof Exhauster	1,291.43	252.32
		For Solid State Speed Control, Add	*112.53*	
		For Damper Motor, Add	*274.97*	
23 34 23 00-0008	EA	1/2 HP, 3,072 CFM At 1/4" Static Pressure, 22" x 22" Base, Direct Drive, Aluminum, Centrifugal Roof Exhauster	1,464.56	268.43
		For 12" Roof Curb, Add	*229.60*	
		For Backdraft Damper, Add	*189.75*	
		For Solid State Speed Control, Add	*177.99*	
		For Damper Motor, Add	*274.97*	

23 34 23 00-0009 Belt Drive, Aluminum, Centrifugal Roof Exhausters *(23 34 23 00-0001)*

Note: Greenheck GB.

23 34 23 00-0010	EA	1/4 HP, 1,556 CFM At 1/4" Static Pressure, 19" x 19" Base, Belt Drive, Aluminum, Centrifugal Roof Exhauster	1,429.19	273.36
		For 12" Roof Curb, Add	*219.04*	
		For Backdraft Damper, Add	*167.06*	
		For Damper Motor, Add	*274.97*	
23 34 23 00-0011	EA	1/3 HP, 1,966 CFM At 1/4" Static Pressure, 22" x 22" Base, Belt Drive, Aluminum, Centrifugal Roof Exhauster	1,559.74	290.19
		For 12" Roof Curb, Add	*229.60*	
		For Backdraft Damper, Add	*189.75*	
		For Damper Motor, Add	*274.97*	
23 34 23 00-0012	EA	1/2 HP, 2,943 CFM At 1/4" Static Pressure, 22" x 22" Base, Belt Drive, Aluminum, Centrifugal Roof Exhauster	2,118.64	346.81
		For 12" Roof Curb, Add	*229.60*	
		For Backdraft Damper, Add	*189.75*	
		For Damper Motor, Add	*274.97*	
23 34 23 00-0013	EA	3/4 HP, 4,289 CFM At 1/4" Static Pressure, 30" x 30" Base, Belt Drive, Aluminum, Centrifugal Roof Exhauster	2,704.17	429.49
		For 12" Roof Curb, Add	*280.28*	
		For Backdraft Damper, Add	*238.43*	
		For Damper Motor, Add	*274.97*	
23 34 23 00-0014	EA	1 HP, 6,157 CFM At 1/4" Static Pressure, 34" x 34" Base, Belt Drive, Aluminum, Centrifugal Roof Exhauster	3,571.32	536.86
		For 12" Roof Curb, Add	*303.51*	
		For Backdraft Damper, Add	*258.23*	
		For Damper Motor, Add	*274.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 23 00-0015	EA	1-1/2 HP, 8,906 CFM At 1/4" Static Pressure, 40" x 40" Base, Belt Drive, Aluminum, Centrifugal Roof Exhauster	5,820.85	671.07
		For 12" Roof Curb, Add	*339.41*	
		For Backdraft Damper, Add	*286.69*	
		For Damper Motor, Add	*274.97*	
23 34 23 00-0016	EA	2 HP, 10,059 CFM At 1/4" Static Pressure, 40" x 40" Base, Belt Drive, Aluminum, Centrifugal Roof Exhauster	5,871.53	671.07
		For 12" Roof Curb, Add	*339.41*	
		For Backdraft Damper, Add	*286.69*	
		For Damper Motor, Add	*274.97*	
23 34 23 00-0017	EA	3 HP, 11,703 CFM At 1/4" Static Pressure, 40" x 40" Base, Belt Drive, Aluminum, Centrifugal Roof Exhauster	6,418.44	671.07
		For 12" Roof Curb, Add	*339.41*	
		For Backdraft Damper, Add	*286.69*	
		For Damper Motor, Add	*274.97*	
23 34 23 00-0018	EA	5 HP, 13,897 CFM At 1/4" Static Pressure, 40" x 40" Base, Belt Drive, Aluminum, Centrifugal Roof Exhauster	5,170.30	671.07
		For 12" Roof Curb, Add	*339.41*	
		For Backdraft Damper, Add	*286.69*	
		For Damper Motor, Add	*274.97*	
23 34 23 00-0019		**Propeller Exhaust Fans, Roof Mounted Upblast** *(23 34 23 00-0001)*		
		Note: Includes back draft damper and birdscreen and curb.		
23 34 23 00-0020	EA	30,300 CFM Belt Drive 5 HP Propeller Exhaust Fan, Roof Mounted, 3/8" Static Pressure	8,394.27	825.69
23 34 23 00-0021	EA	36,000 CFM Belt Drive 15 HP Propeller Exhaust Fan, Roof Mounted, 1/2" Static Pressure	13,843.54	1,073.40
23 34 23 00-0022		**Belt Drive Supply Fans** *(23 34 23 00-0001)*		
23 34 23 00-0023	EA	4,500 CFM, 24" x 24" Supply Fan, Roof Mounted	3,284.79	428.74
23 34 23 00-0024	EA	10,000 CFM, 36" x 36" Supply Fan, Roof Mounted	4,452.78	536.75
23 34 23 00-0025		**Fan Thermostat** *(23 34 23 00-0001)*		
23 34 23 00-0026	EA	50 To 120 Degree Line Voltage Fan Thermostat	143.35	
23 34 23 00-0027		**Power Wall Ventilators** *(23 34 23)*		
23 34 23 00-0028		**Centrifugal Sidewall Exhausters** *(23 34 23 00-0027)*		
23 34 23 00-0029		**Direct Drive, Aluminum, Centrifugal Sidewall Exhauster** *(23 34 23 00-0028)*		
		Note: Greenheck CW.		
23 34 23 00-0030	EA	1/25 HP, 297 CFM At 1/4" Static Pressure, Direct Drive, Aluminum, Centrifugal Sidewall Exhauster	811.07	172.86
		For Solid State Speed Control, Add	*177.99*	
		For Backdraft Damper, Add	*220.32*	
		For Damper Motor, Add	*478.18*	
		For Interior Wall Grill, Add	*137.42*	
23 34 23 00-0031	EA	1/8 HP, 861 CFM At 1/4" Static Pressure, Direct Drive, Aluminum, Centrifugal Sidewall Exhauster	930.42	202.93
		For Solid State Speed Control, Add	*177.99*	
		For Backdraft Damper, Add	*243.01*	
		For Damper Motor, Add	*478.18*	
		For Interior Wall Grill, Add	*163.82*	
23 34 23 00-0032	EA	1/6 HP, 1,179 CFM At 1/4" Static Pressure, Direct Drive, Aluminum, Centrifugal Sidewall Exhauster	1,396.91	228.70
		For Solid State Speed Control, Add	*177.99*	
		For Backdraft Damper, Add	*274.36*	
		For Damper Motor, Add	*478.18*	
		For Interior Wall Grill, Add	*190.23*	
23 34 23 00-0033		**Belt Drive, Aluminum, Centrifugal Sidewall Exhausters** *(23 34 23 00-0028)*		
		Note: Greenheck CWB.		
23 34 23 00-0034	EA	1/4 HP, 1,633 CFM At 1/4" Static Pressure, Belt Drive, Aluminum, Centrifugal Sidewall Exhauster	2,570.49	129.14
		For Solid State Speed Control, Add	*177.99*	
		For Backdraft Damper, Add	*252.52*	
		For Damper Motor, Add	*478.18*	
		For Interior Wall Grill, Add	*290.54*	
23 34 23 00-0035	EA	1/2 HP, 2,291 CFM At 1/4" Static Pressure, Belt Drive, Aluminum, Centrifugal Sidewall Exhauster	2,712.87	145.43
		For Solid State Speed Control, Add	*177.99*	
		For Backdraft Damper, Add	*252.52*	
		For Damper Motor, Add	*478.18*	
		For Interior Wall Grill, Add	*290.54*	
23 34 23 00-0036	EA	3/4 HP, 3,646 CFM At 1/4" Static Pressure, Belt Drive, Aluminum, Centrifugal Sidewall Exhauster	3,335.45	166.37
		For Solid State Speed Control, Add	*177.99*	
		For Backdraft Damper, Add	*317.79*	
		For Damper Motor, Add	*478.18*	
		For Interior Wall Grill, Add	*338.07*	

23 34 33 Air Curtains *(23 34)*

23 34 33 00-0001 Unheated Air Curtains For Entrances *(23 34 33)*

23 34 33 00-0002 Unheated Air Curtains, Standard Velocity *(23 34 33 00-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 33 00-0003	EA	Air Curtain For 3' x 8' - 10' Personnel Entrance, Unheated	2,328.24	787.03
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	*202.02*	
		For Commercial Magnetic Reed Switch with Controller and Adjustable Time Delay - 115, 208-230 Volt 1Ø, Add	*549.94*	
		For Commercial Magnetic Reed Switch with Controller · 115, 208-230 Volt 1Ø	*408.52*	
		For Door Limit switch with Controller and Adjustable Time Delay · 115, 208-230 Volt, 1Ø, Add	*628.50*	
		For Flat Side Extension Plates, Add	*162.14*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*324.29*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*389.15*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*410.77*	
23 34 33 00-0004	EA	Air Curtain For 3.5' x 8' - 10' Personnel Entrance, Unheated	2,361.63	787.03
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	*202.02*	
		For Commercial Magnetic Reed Switch with Controller and Adjustable Time Delay - 115, 208-230 Volt 1Ø, Add	*549.94*	
		For Commercial Magnetic Reed Switch with Controller · 115, 208-230 Volt 1Ø	*408.52*	
		For Door Limit switch with Controller and Adjustable Time Delay · 115, 208-230 Volt, 1Ø, Add	*628.50*	
		For Flat Side Extension Plates, Add	*162.14*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*324.29*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*389.15*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*410.77*	
23 34 33 00-0005	EA	Air Curtain For 4' x 8' - 10' Personnel Entrance, Unheated	2,397.80	787.03
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	*202.02*	
		For Commercial Magnetic Reed Switch with Controller and Adjustable Time Delay - 115, 208-230 Volt 1Ø, Add	*549.94*	
		For Commercial Magnetic Reed Switch with Controller · 115, 208-230 Volt 1Ø	*408.52*	
		For Door Limit switch with Controller and Adjustable Time Delay · 115, 208-230 Volt, 1Ø, Add	*628.50*	
		For Flat Side Extension Plates, Add	*162.14*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*324.29*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*389.15*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*410.77*	
23 34 33 00-0006	EA	Air Curtain For 5' x 8' - 10' Personnel Entrance, Unheated	2,996.02	787.03
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	*202.02*	
		For Commercial Magnetic Reed Switch with Controller and Adjustable Time Delay - 115, 208-230 Volt 1Ø, Add	*549.94*	
		For Commercial Magnetic Reed Switch with Controller · 115, 208-230 Volt 1Ø	*408.52*	
		For Door Limit switch with Controller and Adjustable Time Delay · 115, 208-230 Volt, 1Ø, Add	*628.50*	
		For Flat Side Extension Plates, Add	*162.14*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*324.29*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*389.15*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*410.77*	
23 34 33 00-0007	EA	Air Curtain For 6' x 8' - 10' Personnel Entrance, Unheated	3,396.00	944.87
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	*202.02*	
		For Commercial Magnetic Reed Switch with Controller and Adjustable Time Delay - 115, 208-230 Volt 1Ø, Add	*549.94*	
		For Commercial Magnetic Reed Switch with Controller · 115, 208-230 Volt 1Ø	*408.52*	
		For Door Limit switch with Controller and Adjustable Time Delay · 115, 208-230 Volt, 1Ø, Add	*628.50*	
		For Flat Side Extension Plates, Add	*162.14*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*324.29*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*389.15*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*410.77*	
23 34 33 00-0008	EA	Air Curtain For 7' x 8' - 10' Personnel Entrance, Unheated	3,604.68	944.87
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	*202.02*	
		For Commercial Magnetic Reed Switch with Controller and Adjustable Time Delay - 115, 208-230 Volt 1Ø, Add	*549.94*	
		For Commercial Magnetic Reed Switch with Controller · 115, 208-230 Volt 1Ø	*408.52*	
		For Door Limit switch with Controller and Adjustable Time Delay · 115, 208-230 Volt, 1Ø, Add	*628.50*	
		For Flat Side Extension Plates, Add	*162.14*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*324.29*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*389.15*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*410.77*	
23 34 33 00-0009	EA	Air Curtain For 8' x 8' - 10' Personnel Entrance, Unheated	3,991.88	1,089.83
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	*202.02*	
		For Commercial Magnetic Reed Switch with Controller and Adjustable Time Delay - 115, 208-230 Volt 1Ø, Add	*549.94*	
		For Commercial Magnetic Reed Switch with Controller · 115, 208-230 Volt 1Ø	*408.52*	
		For Door Limit switch with Controller and Adjustable Time Delay · 115, 208-230 Volt, 1Ø, Add	*628.50*	
		For Flat Side Extension Plates, Add	*162.14*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*324.29*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*389.15*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*410.77*	
23 34 33 00-0010	EA	Air Curtain For 9' x 8' - 10' Personnel Entrance, Unheated	4,825.21	1,089.83
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	*202.02*	
		For Commercial Magnetic Reed Switch with Controller and Adjustable Time Delay - 115, 208-230 Volt 1Ø, Add	*549.94*	
		For Commercial Magnetic Reed Switch with Controller · 115, 208-230 Volt 1Ø	*408.52*	
		For Door Limit switch with Controller and Adjustable Time Delay · 115, 208-230 Volt, 1Ø, Add	*628.50*	
		For Flat Side Extension Plates, Add	*162.14*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*324.29*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*389.15*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*410.77*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 33 00-0011	EA	Air Curtain For 10' x 8' - 10' Personnel Entrance, Unheated	4,930.94	1,089.83
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	*202.02*	
		For Commercial Magnetic Reed Switch with Controller and Adjustable Time Delay - 115, 208-230 Volt 1Ø, Add	*549.94*	
		For Commercial Magnetic Reed Switch with Controller · 115, 208-230 Volt 1Ø	*408.52*	
		For Door Limit switch with Controller and Adjustable Time Delay · 115, 208-230 Volt, 1Ø, Add	*628.50*	
		For Flat Side Extension Plates, Add	*162.14*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*324.29*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*389.15*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*410.77*	
23 34 33 00-0012	EA	Air Curtain For 12' x 8' - 10' Personnel Entrance, Unheated	5,211.96	1,089.83
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	*202.02*	
		For Commercial Magnetic Reed Switch with Controller and Adjustable Time Delay - 115, 208-230 Volt 1Ø, Add	*549.94*	
		For Commercial Magnetic Reed Switch with Controller · 115, 208-230 Volt 1Ø	*408.52*	
		For Door Limit switch with Controller and Adjustable Time Delay · 115, 208-230 Volt, 1Ø, Add	*628.50*	
		For Flat Side Extension Plates, Add	*162.14*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*324.29*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*389.15*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*410.77*	
23 34 33 00-0013		**Unheated Air Curtains, High Velocity** *(23 34 33 00-0001)*		
23 34 33 00-0014	EA	High Velocity Air Curtain For 3' x 10' - 12' Entrance, Unheated	2,881.94	787.03
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	*202.02*	
		For Industrial Floor-Mounted Magnetic Reed Switch Only, Add	*324.29*	
		For Flat Side Extension Plates, Add	*162.14*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*324.29*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*389.15*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*410.77*	
23 34 33 00-0015	EA	High Velocity Air Curtain For 3.5' x 10' - 12' Entrance, Unheated	2,925.06	787.03
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	*202.02*	
		For Industrial Floor-Mounted Magnetic Reed Switch Only, Add	*324.29*	
		For Flat Side Extension Plates, Add	*162.14*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*324.29*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*389.15*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*410.77*	
23 34 33 00-0016	EA	High Velocity Air Curtain For 4' x 10' - 12' Entrance, Unheated	2,943.15	787.03
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	*202.02*	
		For Industrial Floor-Mounted Magnetic Reed Switch Only, Add	*324.29*	
		For Flat Side Extension Plates, Add	*162.14*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*324.29*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*389.15*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*410.77*	
23 34 33 00-0017	EA	High Velocity Air Curtain For 5' x 10' - 12' Entrance, Unheated	2,977.93	787.03
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	*202.02*	
		For Industrial Floor-Mounted Magnetic Reed Switch Only, Add	*324.29*	
		For Flat Side Extension Plates, Add	*162.14*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*324.29*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*389.15*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*410.77*	
23 34 33 00-0018	EA	High Velocity Air Curtain For 6' x 10' - 12' Entrance, Unheated	4,664.78	944.87
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	*202.02*	
		For Industrial Floor-Mounted Magnetic Reed Switch Only, Add	*324.29*	
		For Flat Side Extension Plates, Add	*162.14*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*324.29*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*389.15*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*410.77*	
23 34 33 00-0019	EA	High Velocity Air Curtain For 7' x 10' - 12' Entrance, Unheated	4,879.02	944.87
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	*202.02*	
		For Industrial Floor-Mounted Magnetic Reed Switch Only, Add	*324.29*	
		For Flat Side Extension Plates, Add	*162.14*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*324.29*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*389.15*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*410.77*	
23 34 33 00-0020	EA	High Velocity Air Curtain For 8' x 10' - 12' Entrance, Unheated	5,186.92	1,089.83
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	*202.02*	
		For Industrial Floor-Mounted Magnetic Reed Switch Only, Add	*324.29*	
		For Flat Side Extension Plates, Add	*162.14*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*324.29*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*389.15*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*410.77*	
23 34 33 00-0021	EA	High Velocity Air Curtain For 9' x 10' - 12' Entrance, Unheated	5,928.43	1,089.83
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	*202.02*	
		For Industrial Floor-Mounted Magnetic Reed Switch Only, Add	*324.29*	
		For Flat Side Extension Plates, Add	*162.14*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*324.29*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*389.15*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*410.77*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 33 00-0022	EA	High Velocity Air Curtain For 10' x 10' - 12' Entrance, Unheated	6,006.34	1,089.83
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	*202.02*	
		For Industrial Floor-Mounted Magnetic Reed Switch Only, Add	*324.29*	
		For Flat Side Extension Plates, Add	*162.14*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*324.29*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*389.15*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*410.77*	
23 34 33 00-0023	EA	High Velocity Air Curtain For 12' x 10' - 12' Entrance, Unheated	6,309.62	1,089.83
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	*202.02*	
		For Industrial Floor-Mounted Magnetic Reed Switch Only, Add	*324.29*	
		For Flat Side Extension Plates, Add	*162.14*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*324.29*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*389.15*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*410.77*	
23 34 33 00-0024		**Service Window Unheated Air Curtains** *(23 34 33 00-0001)*		
		Note: Normal window sizes.		
23 34 33 00-0025	EA	Air Curtain For 2.5' x 5' Service Window, Unheated	2,131.43	620.61
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	*202.02*	
		For Flat Side Extension Plates, Add	*162.14*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*324.29*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*389.15*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*410.77*	
23 34 33 00-0026		**Heated Air Curtains For Entrances** *(23 34 33)*		
		Note: Includes housing, mounting brackets and manual controls.		
23 34 33 00-0027	EA	60" Heated Air Curtain With 1- 300 MBH Heater	4,070.99	693.09
		For Door Limit Switch, Combination Roller And Plunger, Add	*202.02*	
		For Flat Side Extension Plates, Add	*162.14*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*324.29*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*389.15*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*410.77*	
23 34 33 00-0028	EA	60" Heated Air Curtain With 1- 400 MBH Heater	4,428.92	693.09
		For Door Limit Switch, Combination Roller And Plunger, Add	*202.02*	
		For Flat Side Extension Plates, Add	*162.14*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*324.29*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*389.15*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*410.77*	
23 34 33 00-0029	EA	72" Heated Air Curtain With 1- 350 MBH Heater	4,884.49	831.60
		For Door Limit Switch, Combination Roller And Plunger, Add	*202.02*	
		For Flat Side Extension Plates, Add	*162.14*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*324.29*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*389.15*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*410.77*	
23 34 33 00-0030	EA	72" Heated Air Curtain With 2- 250 MBH Heaters	5,314.01	831.60
		For Door Limit Switch, Combination Roller And Plunger, Add	*202.02*	
		For Flat Side Extension Plates, Add	*162.14*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*324.29*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*389.15*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*410.77*	
23 34 33 00-0031	EA	96" Heated Air Curtain With 1- 400 MBH Heater	6,511.74	1,108.61
		For Door Limit Switch, Combination Roller And Plunger, Add	*202.02*	
		For Flat Side Extension Plates, Add	*162.14*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*324.29*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*389.15*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*410.77*	
23 34 33 00-0032	EA	96" Heated Air Curtain With 2- 350 MBH Heaters	7,084.43	1,108.61
		For Door Limit Switch, Combination Roller And Plunger, Add	*202.02*	
		For Flat Side Extension Plates, Add	*162.14*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*324.29*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*389.15*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*410.77*	
23 34 33 00-0033	EA	117" Heated Air Curtain With 2- 300 MBH Heaters	7,935.21	1,350.74
		For Door Limit Switch, Combination Roller And Plunger, Add	*202.02*	
		For Flat Side Extension Plates, Add	*162.14*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*324.29*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*389.15*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*410.77*	
23 34 33 00-0034	EA	117" Heated Air Curtain With 2- 400 MBH Heaters	8,633.18	1,350.74
		For Door Limit Switch, Combination Roller And Plunger, Add	*202.02*	
		For Flat Side Extension Plates, Add	*162.14*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*324.29*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*389.15*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*410.77*	
23 34 33 00-0035	EA	147" Heated Air Curtain With 2- 350 MBH Heaters	9,970.49	1,697.01
		For Door Limit Switch, Combination Roller And Plunger, Add	*202.02*	
		For Flat Side Extension Plates, Add	*162.14*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*324.29*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*389.15*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*410.77*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 33 00-0036	EA	147" Heated Air Curtain With 3- 350 MBH Heaters	11,706.45	1,697.01
		For Door Limit Switch, Combination Roller And Plunger, Add	*202.02*	
		For Flat Side Extension Plates, Add	*162.14*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*324.29*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*389.15*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*410.77*	
23 34 33 00-0037	EA	168" Heated Air Curtain With 2- 400 MBH Heaters	11,395.55	1,939.67
		For Door Limit Switch, Combination Roller And Plunger, Add	*202.02*	
		For Flat Side Extension Plates, Add	*162.14*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*324.29*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*389.15*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*410.77*	
23 34 33 00-0038	EA	168" Heated Air Curtain With 3- 400 MBH Heaters	13,379.08	1,939.67
		For Door Limit Switch, Combination Roller And Plunger, Add	*202.02*	
		For Flat Side Extension Plates, Add	*162.14*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*324.29*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*389.15*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*410.77*	
23 34 33 00-0039	EA	192" Heated Air Curtain With 2- 400 MBH Heaters	13,019.83	2,216.69
		For Door Limit Switch, Combination Roller And Plunger, Add	*202.02*	
		For Flat Side Extension Plates, Add	*162.14*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*324.29*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*389.15*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*410.77*	
23 34 33 00-0040	EA	192" Heated Air Curtain With 4- 350 MBH Heaters	15,286.72	2,216.69
		For Door Limit Switch, Combination Roller And Plunger, Add	*202.02*	
		For Flat Side Extension Plates, Add	*162.14*	
		For Clearance Adjustable-Angle Mounting Bracket, Add	*324.29*	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*389.15*	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	*410.77*	

23 35 Special Exhaust Systems *(23 30)*

See CSI section 23 31 13 16-0075 for spiral duct/piping.

23 35 13 Dust Collection Systems *(23 35)*

23 35 13 13 Sawdust Collection Systems *(23 35 13)*

23 35 13 13-0001 Dust Collector System *(23 35 13 13)*

23 35 13 13-0002	EA	1.5 HP Dust Collector Central Vacuum Unit Note: Includes fan bower, stand, cyclone, filter, silencer and 35 gallon fiber drum dust bin.	4,420.55	930.76
23 35 13 13-0003	EA	2 HP Dust Collector Central Vacuum Unit Note: Includes fan bower, stand, cyclone, filter, silencer and 35 gallon fiber drum dust bin.	4,946.37	1,105.27
23 35 13 13-0004	EA	2-1/2 HP Dust Collector Central Vacuum Unit Note: Includes fan bower, stand, cyclone, filter, silencer and 35 gallon fiber drum dust bin.	5,950.30	1,279.79
23 35 13 13-0005	EA	3 HP Dust Collector Central Vacuum Unit Note: Includes fan bower, stand, cyclone, filter, silencer and 35 gallon fiber drum dust bin.	6,778.80	1,512.48
23 35 13 13-0006	EA	5 HP Dust Collector Central Vacuum Unit Note: Includes fan bower, stand, cyclone, filter, silencer and 55 gallon fiber drum dust bin.	14,523.55	1,729.93
23 35 13 13-0007	EA	7-1/2 HP Dust Collector Central Vacuum Unit Note: Includes fan bower, stand, cyclone, filter, silencer and 55 gallon fiber drum dust bin.	17,631.42	2,018.26
23 35 13 13-0008	EA	10 HP Dust Collector Central Vacuum Unit Note: Includes fan bower, stand, cyclone, filter, silencer and 55 gallon fiber drum dust bin.	20,196.88	2,306.58
23 35 13 13-0009	EA	15 HP Dust Collector Central Vacuum Unit Note: Includes fan bower, stand, cyclone, filter, silencer and two 55 gallon fiber drum dust bin.	22,702.36	2,652.57
23 35 13 13-0010	EA	20 HP Dust Collector Central Vacuum Unit Note: Includes fan bower, stand, cyclone, filter, silencer and two 55 gallon fiber drum dust bin.	25,327.36	2,998.55

23 35 13 13-0011 Vacuum Tubing And Accessories *(23 35 13 13)*

23 35 13 13-0012 Vacuum Tubing *(23 35 13 13-0011)*

23 35 13 13-0013 Flexible Hose *(23 35 13 13-0012)*

23 35 13 13-0014	LF	2" Flexible Hose	12.60	1.93
23 35 13 13-0015	LF	3" Flexible Hose	15.12	2.15
23 35 13 13-0016	LF	4" Flexible Hose	16.40	2.36

23 35 13 13-0017 Galvanized Vacuum Tubing *(23 35 13 13-0012)*

23 35 13 13-0018	LF	2-1/8" Outside Diameter Vacuum Tubing, Galvanized	10.36	1.93
23 35 13 13-0019	LF	2-1/2" Outside Diameter Vacuum Tubing, Galvanized	11.61	2.04
23 35 13 13-0020	LF	3" Outside Diameter Vacuum Tubing, Galvanized	13.84	2.15
23 35 13 13-0021	LF	3-1/2" Outside Diameter Vacuum Tubing, Galvanized	18.05	2.26
23 35 13 13-0022	LF	4" Outside Diameter Vacuum Tubing, Galvanized	18.56	2.36
23 35 13 13-0023	LF	5" Outside Diameter Vacuum Tubing, Galvanized	30.78	2.68
23 35 13 13-0024	LF	6" Outside Diameter Vacuum Tubing, Galvanized	34.69	3.11
23 35 13 13-0025	LF	8" Outside Diameter Vacuum Tubing, Galvanized	46.92	4.29
23 35 13 13-0026	LF	10" Outside Diameter Vacuum Tubing, Galvanized	54.94	5.37
23 35 13 13-0027	LF	12" Outside Diameter Vacuum Tubing, Galvanized	137.25	7.08

23 35 13 13-0028 Vacuum Fittings, Galvanized *(23 35 13 13-0011)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 35 13 13-0029		**90 Degree Elbow** *(23 35 13 13-0028)*		
23 35 13 13-0030	EA	2-1/8" 90 Degree Elbow, Vacuum Tubing, Galvanized	51.93	12.35
23 35 13 13-0031	EA	2-1/2" 90 Degree Elbow, Vacuum Tubing, Galvanized	64.32	13.21
23 35 13 13-0032	EA	3" 90 Degree Elbow, Vacuum Tubing, Galvanized	80.27	14.39
23 35 13 13-0033	EA	3-1/2" 90 Degree Elbow, Vacuum Tubing, Galvanized	94.75	15.57
23 35 13 13-0034	EA	4" 90 Degree Elbow, Vacuum Tubing, Galvanized	112.94	17.18
23 35 13 13-0035	EA	5" 90 Degree Elbow, Vacuum Tubing, Galvanized	187.00	19.11
23 35 13 13-0036	EA	6" 90 Degree Elbow, Vacuum Tubing, Galvanized	248.35	21.47
23 35 13 13-0037	EA	8" 90 Degree Elbow, Vacuum Tubing, Galvanized	446.07	28.66
23 35 13 13-0038		**45 Degree Elbow** *(23 35 13 13-0028)*		
23 35 13 13-0039	EA	2-1/8" 45 Degree Elbow, Vacuum Tubing, Galvanized	48.62	12.35
23 35 13 13-0040	EA	2-1/2" 45 Degree Elbow, Vacuum Tubing, Galvanized	61.60	13.21
23 35 13 13-0041	EA	3" 45 Degree Elbow, Vacuum Tubing, Galvanized	71.12	14.39
23 35 13 13-0042	EA	3-1/2" 45 Degree Elbow, Vacuum Tubing, Galvanized	84.42	15.57
23 35 13 13-0043	EA	4" 45 Degree Elbow, Vacuum Tubing, Galvanized	103.39	17.18
23 35 13 13-0044	EA	5" 45 Degree Elbow, Vacuum Tubing, Galvanized	153.87	19.11
23 35 13 13-0045	EA	6" 45 Degree Elbow, Vacuum Tubing, Galvanized	199.63	21.47
23 35 13 13-0046	EA	8" 45 Degree Elbow, Vacuum Tubing, Galvanized	364.23	28.66
23 35 13 13-0047		**Wye** *(23 35 13 13-0028)*		
23 35 13 13-0048	EA	2-1/8" Wye, Vacuum Tubing, Galvanized	94.27	20.40
23 35 13 13-0049	EA	2-1/2" Wye, Vacuum Tubing, Galvanized	113.26	22.01
23 35 13 13-0050	EA	3" Wye, Vacuum Tubing, Galvanized	138.22	23.62
23 35 13 13-0051	EA	3-1/2" Wye, Vacuum Tubing, Galvanized	167.98	26.31
23 35 13 13-0052	EA	4" Wye, Vacuum Tubing, Galvanized	223.91	28.45
23 35 13 13-0053	EA	5" Wye, Vacuum Tubing, Galvanized	378.53	31.68
23 35 13 13-0054	EA	6" Wye, Vacuum Tubing, Galvanized	501.63	35.97
23 35 13 13-0055	EA	8" Wye, Vacuum Tubing, Galvanized	991.47	39.19
23 35 13 13-0056	EA	10" Wye, Vacuum Tubing, Galvanized	1,373.22	42.95
23 35 13 13-0057	EA	12" Wye, Vacuum Tubing, Galvanized	1,734.87	48.10
23 35 13 13-0058		**Reducer** *(23 35 13 13-0028)*		
23 35 13 13-0059	EA	3" Reducer, Vacuum Tubing, Galvanized	53.57	14.39
23 35 13 13-0060	EA	4" Reducer, Vacuum Tubing, Galvanized	59.57	15.57
23 35 13 13-0061	EA	5" Reducer, Vacuum Tubing, Galvanized	75.30	17.18
23 35 13 13-0062	EA	6" Reducer, Vacuum Tubing, Galvanized	81.21	19.11
23 35 13 13-0063	EA	8" Reducer, Vacuum Tubing, Galvanized	95.04	21.47
23 35 13 13-0064		**Air Gate Valve, Galvanized** *(23 35 13 13-0011)*		
23 35 13 13-0065	EA	2-1/8" Air Gate Valve, Vacuum Tubing, Galvanized	372.17	28.66
23 35 13 13-0066	EA	2-1/2" Air Gate Valve, Vacuum Tubing, Galvanized	389.84	30.60
23 35 13 13-0067	EA	3" Air Gate Valve, Vacuum Tubing, Galvanized	447.90	32.97
23 35 13 13-0068	EA	3-1/2" Air Gate Valve, Vacuum Tubing, Galvanized	510.38	35.21
23 35 13 13-0069	EA	4" Air Gate Valve, Vacuum Tubing, Galvanized	575.38	37.37
23 35 13 13-0070	EA	5" Air Gate Valve, Vacuum Tubing, Galvanized	679.49	42.63
23 35 13 13-0071	EA	6" Air Gate Valve, Vacuum Tubing, Galvanized	782.66	47.78

23 35 16 Engine Exhaust Systems *(23 35)*

23 35 16 16 Mechanical Engine Exhaust Systems *(23 35 16)*

23 35 16 16-0001 Overhead Tailpipe Exhaust System *(23 35 16 16)*

23 35 16 16-0002 Overhead Tailpipe Exhaust Blowers *(23 35 16 16-0001)*

23 35 16 16-0003 Overhead Direct Drive Tailpipe Exhaust Blowers *(23 35 16 16-0002)*

23 35 16 16-0004	EA	495 CFM 1/3 HP Tailpipe Exhaust Blower, Direct Drive, Overhead System	3,711.82	228.70
23 35 16 16-0005	EA	1,445 CFM 3/4 HP Tailpipe Exhaust Blower, Direct Drive, Overhead System	4,246.94	467.07
23 35 16 16-0006	EA	1,840 CFM 1-1/2 HP Tailpipe Exhaust Blower, Direct Drive, Overhead System	5,931.39	565.85

23 35 16 16-0007 Overhead Belt Drive Tailpipe Exhaust Blowers *(23 35 16 16-0002)*

23 35 16 16-0008	EA	1,400 CFM 1 HP Tailpipe Exhaust Blower, Belt Drive, Overhead System	4,126.10	467.07
23 35 16 16-0009	EA	2,023 CFM 1-1/2 HP Tailpipe Exhaust Blower, Belt Drive, Overhead System	4,379.11	565.85
23 35 16 16-0010	EA	2,750 CFM 2 HP Tailpipe Exhaust Blower, Belt Drive, Overhead System	5,189.18	895.48
23 35 16 16-0011	EA	4,400 CFM 3 HP Tailpipe Exhaust Blower, Belt Drive, Overhead System	6,336.26	1,155.32
23 35 16 16-0012	EA	7,060 CFM 5 HP Tailpipe Exhaust Blower, Belt Drive, Overhead System	8,027.39	1,376.50

23 35 16 16-0013 Spiral Exhaust Duct Accessories *(23 35 16 16-0001)*

23 35 16 16-0014 Flex Hose x Length *(23 35 16 16-0013)*

Note: Includes duct coupler, damper and tailpipe adapter.

23 35 16 16-0015	EA	3" x 20' Neoprene Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter	173.94	56.91
23 35 16 16-0016	EA	3" x 20' Galvanized Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter	146.13	56.91

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 35 16 16-0017	EA	4" x 20' Neoprene Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter	265.91	90.20
23 35 16 16-0018	EA	4" x 20' Galvanized Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter	219.44	90.20
23 35 16 16-0019	EA	5" x 20' Neoprene Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter	372.44	142.81
23 35 16 16-0020	EA	5" x 20' Galvanized Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter	355.80	142.81
23 35 16 16-0021	EA	6" x 15' Neoprene Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter	566.53	226.56
23 35 16 16-0022	EA	6" x 17' Galvanized Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter	531.55	226.56
23 35 16 16-0023		Flex Hose With Duct Coupler, Damper And Diesel Exhaust Adapter *(23 35 16 16-0013)*		
23 35 16 16-0024	EA	4" x 15' Neoprene Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter	196.12	56.91
23 35 16 16-0025	EA	5" x 15' Neoprene Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter	282.11	90.20
23 35 16 16-0026	EA	4" x 17' Galvanized Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter	164.08	56.91
23 35 16 16-0027	EA	5" x 17' Galvanized Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter	234.58	90.20
23 35 16 16-0028	EA	6" x 25' High Pressure, Stainless Steel Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter	1,656.61	76.66
23 35 16 16-0029	EA	8" x 15' Heat-Resistant Fabric Flex Hose (650 Degree F.) With Duct Coupler, Damper And Tail-Pipe Adapter	1,425.93	140.65
23 35 16 16-0030	EA	10" x 15' Heat-Resistant Fabric Flex Hose (650 Degree F.) With Duct Coupler, Damper And Tail-Pipe Adapter	1,576.55	140.65
23 35 16 16-0031	LF	8" Heat-Resistant Fabric Flex Hose (650 Degree F.)	75.04	10.95
23 35 16 16-0032	LF	10" Heat-Resistant Fabric Flex Hose (650 Degree F.)	84.29	10.95
23 35 16 16-0033		Flexible Hose *(23 35 16 16-0013)*		
23 35 16 16-0034	LF	3" Stainless Steel Flexible Tubing	42.37	2.68
23 35 16 16-0035	LF	4" Stainless Steel Flexible Tubing	54.05	3.00
23 35 16 16-0036	LF	5" Stainless Steel Flexible Tubing	64.36	3.11
23 35 16 16-0037	LF	6" Stainless Steel Flexible Tubing	76.08	3.32
23 35 16 16-0038	LF	3" Galvanized Flexible Tubing	25.34	2.68
23 35 16 16-0039	LF	4" Galvanized Flexible Tubing	29.83	3.00
23 35 16 16-0040	LF	5" Galvanized Flexible Tubing	34.33	3.11
23 35 16 16-0041	LF	6" Galvanized Flexible Tubing	38.38	3.32
23 35 16 16-0042		Accessories *(23 35 16 16-0001)*		
23 35 16 16-0043	EA	3" Tail Pipe Adapter	62.08	8.05
23 35 16 16-0044	EA	4" Tail Pipe Adapter	63.92	8.05
23 35 16 16-0045	EA	5" Tail Pipe Adapter	67.91	9.13
23 35 16 16-0046	EA	3" Bullnose (Guide)	34.24	5.37
23 35 16 16-0047	EA	4" Bullnose (Guide)	36.33	5.90
23 35 16 16-0048	EA	5" Bullnose (Guide)	38.74	6.44
23 35 16 16-0049	EA	Flex-Hose Winch And Associated Hardware	245.50	60.88
23 35 16 16-0050	LF	Flex-Hose Winch Cable, 1/8" Galvanized Wire Rope	0.15	
23 35 19		**Fume Exhaust Systems** *(23 35)*		
23 35 19 00-0001	EA	Fume Exhauster, 1 1/2 HP 630 CFM With Out Hose And Intake Nozzle	2,555.57	429.16
23 35 19 00-0002	EA	Hose Extension Kit 5'	401.99	95.34
23 36		**Air Terminal Units** *(23 30)*		
23 36 13		**Constant-Air-Volume Units** *(23 36)*		
23 36 13 00-0001		Vertical Units, With Electric Heating Coils *(23 36 13)*		
23 36 13 00-0002	EA	60 CFM Vertical Induction Unit, With Electric Heating Coils	1,769.04	149.82
23 36 13 00-0003	EA	90 CFM Vertical Induction Unit, With Electric Heating Coils	2,131.25	161.34
23 36 13 00-0004	EA	120 CFM Vertical Induction Unit, With Electric Heating Coils	2,274.58	167.11
23 36 13 00-0005	EA	150 CFM Vertical Induction Unit, With Electric Heating Coils	2,429.46	178.63
23 36 13 00-0006	EA	175 CFM Vertical Induction Unit, With Electric Heating Coils	2,743.34	184.39
23 36 13 00-0007		Horizontal Units, With Electric Heating Coils *(23 36 13)*		
23 36 13 00-0008	EA	60 CFM Horizontal Induction Unit, With Electric Heating Coils	1,497.84	149.82
23 36 13 00-0009	EA	90 CFM Horizontal Induction Unit, With Electric Heating Coils	1,792.09	161.34
23 36 13 00-0010	EA	120 CFM Horizontal Induction Unit, With Electric Heating Coils	2,142.04	169.99
23 36 13 00-0011		Duct Boxes, Constant Volume Control *(23 36 13)*		
23 36 13 00-0012		Single Duct Boxes, Constant Volume Control *(23 36 13 00-0011)*		
23 36 13 00-0013	EA	4 - 6" Diameter Inlet, 50 - 240 CFM, Single Duct Boxes, Constant Volume Control	1,411.78	44.21
		For Boxes With Motor, Add	*247.45*	
23 36 13 00-0014	EA	6 - 8" Diameter Inlet, 100 - 480 CFM, Single Duct Boxes, Constant Volume Control	1,562.88	47.70
		For Boxes With Motor, Add	*274.50*	
23 36 13 00-0015	EA	7 - 10" Diameter Inlet, 150 - 720 CFM, Single Duct Boxes, Constant Volume Control	1,622.47	52.35
		For Boxes With Motor, Add	*282.61*	
23 36 13 00-0016	EA	9 - 12" Diameter Inlet, 200 - 960 CFM, Single Duct Boxes, Constant Volume Control	1,651.48	54.68
		For Boxes With Motor, Add	*286.67*	
23 36 13 00-0017	EA	12" Diameter Inlet, 250 - 1,200 CFM, Single Duct Boxes, Constant Volume Control	1,674.05	60.50
		For Boxes With Motor, Add	*286.67*	
23 36 13 00-0018	EA	14" Diameter Inlet, 350 - 1,680 CFM, Single Duct Boxes, Constant Volume Control	1,914.91	67.48
		For Boxes With Motor, Add	*328.59*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 36 13 00-0019	EA	16" Diameter Inlet, 450 - 2,160 CFM, Single Duct Boxes, Constant Volume Control	2,007.29	75.63
		For Boxes With Motor, Add	*340.76*	
23 36 13 00-0020	EA	20" x 16" Inlet, 550 - 2,640 CFM, Single Duct Boxes, Constant Volume Control	2,126.29	90.75
		For Boxes With Motor, Add	*353.04*	
23 36 13 00-0021	EA	24" x 16" Inlet, 650 - 3,120 CFM, Single Duct Boxes, Constant Volume Control	2,244.32	104.71
		For Boxes With Motor, Add	*365.10*	

23 36 13 00-0022 Dual Duct Boxes, Constant Volume Control *(23 36 13 00-0011)*

23 36 13 00-0023	EA	4 - 6" Diameter Inlet, 50 - 240 CFM, Dual Duct Boxes, Constant Volume Control	1,993.83	44.21
		For Boxes With Motor, Add	*363.86*	
23 36 13 00-0024	EA	6 - 8" Diameter Inlet, 100 - 480 CFM, Dual Duct Boxes, Constant Volume Control	2,132.53	47.70
		For Boxes With Motor, Add	*388.43*	
23 36 13 00-0025	EA	7 - 10" Diameter Inlet, 150 - 720 CFM, Dual Duct Boxes, Constant Volume Control	2,224.49	52.35
		For Boxes With Motor, Add	*403.01*	
23 36 13 00-0026	EA	9 - 12" Diameter Inlet, 200 - 960 CFM, Dual Duct Boxes, Constant Volume Control	2,317.65	54.68
		For Boxes With Motor, Add	*419.90*	
23 36 13 00-0027	EA	12" Diameter Inlet, 250 - 1,200 CFM, Dual Duct Boxes, Constant Volume Control	2,340.22	60.50
		For Boxes With Motor, Add	*419.90*	
23 36 13 00-0028	EA	14" Diameter Inlet, 350 - 1,680 CFM, Dual Duct Boxes, Constant Volume Control	2,690.07	68.64
		For Boxes With Motor, Add	*483.62*	
23 36 13 00-0029	EA	16" Diameter Inlet, 450 - 2,160 CFM, Dual Duct Boxes, Constant Volume Control	2,940.20	75.63
		For Boxes With Motor, Add	*527.37*	
23 36 13 00-0030	EA	20" x 16" Inlet, 550 - 2,640 CFM, Dual Duct Boxes, Constant Volume Control	3,162.98	90.75
		For Boxes With Motor, Add	*560.38*	
23 36 13 00-0031	EA	24" x 16" Inlet, 650 - 3,120 CFM, Dual Duct Boxes, Constant Volume Control	3,297.51	104.71
		For Boxes With Motor, Add	*575.73*	

23 36 16 Variable-Air-Volume Units *(23 36)*

23 36 16 00-0001 Variable Volume Terminal Unit *(23 36 16)*

Note: Includes flow controllers, insulated plenum, system powered box mounted thermostat.

23 36 16 00-0002 Single Duct Variable Volume Terminal Unit *(23 36 16 00-0001)*

Note: Enclosure only. For mounting DDC controls.

23 36 16 00-0003	EA	6" Diameter Inlet, 80 To 500 CFM, Variable Air Volume Box With Enclosure Only Note: For mounting DDC controls	599.34	53.52
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0004	EA	8" Diameter Inlet, 145 To 900 CFM, Variable Air Volume Box With Enclosure Only Note: For mounting DDC controls	670.22	60.50
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0005	EA	10" Diameter Inlet, 230 To 1,400 CFM, Variable Air Volume Box With Enclosure Only Note: For mounting DDC controls	745.65	67.48
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0006	EA	12" Diameter Inlet, 325 To 2,000 CFM, Variable Air Volume Box With Enclosure Only Note: For mounting DDC controls	794.33	75.63
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0007	EA	14" Diameter Inlet, 450 To 3,000 CFM, Variable Air Volume Box With Enclosure Only Note: For mounting DDC controls	1,097.49	162.77
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0008	EA	16" Diameter Inlet, 580 To 4,000 CFM, Variable Air Volume Box With Enclosure Only Note: For mounting DDC controls	1,313.31	193.14
		For Filters And Frames, Add	*6.30*	

23 36 16 00-0009 Single Duct Variable Volume Terminal Unit *(23 36 16 00-0001)*

Note: With pneumatic controls.

23 36 16 00-0010	EA	6" Diameter Inlet, 80 - 500 CFM, Variable Air Volume Box With pneumatic controller	1,279.37	53.52
		For Fan Powered Variable Air Volume Box, Add	*1,372.22*	
		For Hot Water Coils, Add	*433.04*	
		For Pressure Independent Actuator, Add	*67.57*	
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0011	EA	8" Diameter Inlet, 145 - 900 CFM, Variable Air Volume Box With pneumatic controller	1,382.17	60.50
		For Fan Powered Variable Air Volume Box, Add	*1,469.43*	
		For Hot Water Coils, Add	*462.91*	
		For Pressure Independent Actuator, Add	*67.57*	
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0012	EA	10" Diameter Inlet, 230 - 1,400 CFM, Variable Air Volume Box With pneumatic controller	1,445.33	67.48
		For Fan Powered Variable Air Volume Box, Add	*1,514.84*	
		For Hot Water Coils, Add	*475.85*	
		For Pressure Independent Actuator, Add	*67.57*	
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0013	EA	12" Diameter Inlet, 325 - 2,000 CFM, Variable Air Volume Box With pneumatic controller	1,506.28	75.63
		For Fan Powered Variable Air Volume Box, Add	*1,557.23*	
		For Hot Water Coils, Add	*487.80*	
		For Pressure Independent Actuator, Add	*67.57*	
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0014	EA	14" Diameter Inlet, 450 To 3,000 CFM, Variable Air Volume Box With pneumatic controller	1,743.16	162.77
		For Fan Powered Variable Air Volume Box, Add	*1,746.62*	
		For Hot Water Coils, Add	*543.54*	
		For Pressure Independent Actuator, Add	*67.57*	
		For Filters And Frames, Add	*6.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 36 16 00-0015	EA	16" Diameter Inlet, 580 To 4,000 CFM, Variable Air Volume Box With pneumatic controller	2,012.98	193.14
		For Fan Powered Variable Air Volume Box, Add	*1,891.75*	
		For Hot Water Coils, Add	*580.38*	
		For Pressure Independent Actuator, Add	*67.57*	
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0016		**Single Duct Variable Volume Terminal Unit** *(23 36 16 00-0001)*		
		Note: With analog electronic controls.		
23 36 16 00-0017	EA	6" Diameter Inlet, 60 To 500 CFM, Variable Air Volume Box With Analog Electronic Controls	2,126.35	53.52
		For Hot Water Coils, Add	*776.49*	
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0018	EA	8" Diameter Inlet, 105 To 900 CFM, Variable Air Volume Box With Analog Electronic Controls	2,209.51	60.50
		For Hot Water Coils, Add	*798.39*	
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0019	EA	10" Diameter Inlet, 165 To 1,400 CFM, Variable Air Volume Box With Analog Electronic Controls	2,284.94	67.48
		For Hot Water Coils, Add	*816.31*	
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0020	EA	12" Diameter Inlet, 235 To 2,000 CFM, Variable Air Volume Box With Analog Electronic Controls	2,392.53	75.63
		For Hot Water Coils, Add	*847.17*	
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0021	EA	14" Diameter Inlet, 320 To 3,000 CFM, Variable Air Volume Box With Analog Electronic Controls	2,631.87	162.77
		For Hot Water Coils, Add	*903.92*	
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0022	EA	16" Diameter Inlet, 420 To 4,000 CFM, Variable Air Volume Box With Analog Electronic Controls	2,680.97	162.77
		For Hot Water Coils, Add	*923.83*	
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0023		**Dual Duct Variable Volume Terminal Unit** *(23 36 16 00-0001)*		
		Note: With flow control installation, plenum system power box, thermostat.		
23 36 16 00-0024	EA	6" Diameter Inlet, 75 - 500 CFM, Variable Air Volume Box, Dual Duct	1,451.34	105.75
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0025	EA	8" Diameter Inlet, 200 - 700 CFM, Variable Air Volume Box, Dual Duct	1,586.12	120.42
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0026	EA	10" Diameter Inlet, 400 - 1,000 CFM, Variable Air Volume Box, Dual Duct	1,696.53	136.01
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0027	EA	12" Diameter Inlet, 600 - 1,400 CFM, Variable Air Volume Box, Dual Duct	1,859.96	151.71
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0028	EA	14" Diameter Inlet, 800 - 2,700 CFM, Variable Air Volume Box, Dual Duct	2,090.16	174.51
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0029	EA	16" Diameter Inlet, 1,000 - 3,500 CFM, Variable Air Volume Box, Dual Duct	2,291.86	209.42
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0030		**Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-M)** *(23 36 16 00-0001)*		
23 36 16 00-0031	EA	0 To 200 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-A)	596.96	72.72
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0032	EA	0 To 300 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-B)	647.47	79.99
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0033	EA	0 To 400 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-C)	699.49	87.26
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0034	EA	0 To 700 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-D)	753.10	94.53
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0035	EA	0 To 1,000 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-E)	808.45	101.80
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0036	EA	0 To 1,000 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-F)	865.60	109.08
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0037	EA	0 To 1,100 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-G)	929.79	116.35
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0038	EA	0 To 1,900 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-H)	991.39	123.62
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0039	EA	0 To 2,400 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-J)	1,055.27	130.89
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0040	EA	0 To 3,800 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-K)	1,121.57	138.16
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0041	EA	0 To 5,400 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-L)	1,190.49	145.43
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0042	EA	0 To 5,400 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-M)	1,262.18	152.70
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0043	EA	0 To 6,700 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-N)	1,336.87	159.97
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0044	EA	0 To 10,000 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-P)	1,407.83	167.24
		For Filters And Frames, Add	*6.30*	
23 36 16 00-0045	EA	0 To 15,000 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-R)	1,488.64	174.51
		For Filters And Frames, Add	*6.30*	

23 37 Air Outlets and Inlets *(23 30)*

23 37 13 Diffusers, Registers, and Grilles *(23 37)*

23 37 13 13 Diffusers, Registers, and Grilles *(23 37 13)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

23 37 13 13-0001 Ceiling Diffusers *(23 37 13 13)*

23 37 13 13-0002 Ceiling Diffusers With Perforated Face *(23 37 13 13-0001)*

Note: Flush mount, aluminum construction, includes damper.

23 37 13 13-0003	EA	6" x 6" Ceiling Diffuser With Perforated Face, Flush Mount, Aluminum Construction With Damper	124.31	15.13
		For Steel Construction, Deduct	*-9.67*	
		For Surface Mount, Deduct	*-7.74*	
		For Diffuser Without Damper, Deduct	*-12.89*	
		For Stainless Steel, Add	*161.18*	
23 37 13 13-0004	EA	8" x 8" Ceiling Diffuser With Perforated Face, Flush Mount, Aluminum Construction With Damper	138.64	15.13
		For Steel Construction, Deduct	*-11.82*	
		For Surface Mount, Deduct	*-9.46*	
		For Diffuser Without Damper, Deduct	*-15.76*	
		For Stainless Steel, Add	*197.00*	
23 37 13 13-0005	EA	9" x 9" Ceiling Diffuser With Perforated Face, Flush Mount, Aluminum Construction With Damper	138.64	15.13
		For Steel Construction, Deduct	*-11.82*	
		For Surface Mount, Deduct	*-9.46*	
		For Diffuser Without Damper, Deduct	*-15.76*	
		For Stainless Steel, Add	*197.00*	
23 37 13 13-0006	EA	10" x 10" Ceiling Diffuser With Perforated Face, Flush Mount, Aluminum Construction With Damper	166.53	18.61
		For Steel Construction, Deduct	*-14.15*	
		For Surface Mount, Deduct	*-11.32*	
		For Diffuser Without Damper, Deduct	*-18.86*	
		For Stainless Steel, Add	*235.80*	
23 37 13 13-0007	EA	12" x 12" Ceiling Diffuser With Perforated Face, Flush Mount, Aluminum Construction With Damper	166.53	17.45
		For Steel Construction, Deduct	*-14.15*	
		For Surface Mount, Deduct	*-11.32*	
		For Diffuser Without Damper, Deduct	*-18.86*	
		For Stainless Steel, Add	*235.80*	
23 37 13 13-0008	EA	16" x 16" Ceiling Diffuser With Perforated Face, Flush Mount, Aluminum Construction With Damper	192.80	17.45
		For Steel Construction, Deduct	*-18.09*	
		For Surface Mount, Deduct	*-14.47*	
		For Diffuser Without Damper, Deduct	*-24.12*	
		For Stainless Steel, Add	*301.48*	
23 37 13 13-0009	EA	18" x 18" Ceiling Diffuser With Perforated Face, Flush Mount, Aluminum Construction With Damper	220.32	23.27
		For Steel Construction, Deduct	*-19.45*	
		For Surface Mount, Deduct	*-15.56*	
		For Diffuser Without Damper, Deduct	*-25.93*	
		For Stainless Steel, Add	*324.15*	
23 37 13 13-0010	EA	20" x 20" Ceiling Diffuser With Perforated Face, Flush Mount, Aluminum Construction With Damper	257.09	24.43
		For Steel Construction, Deduct	*-24.29*	
		For Surface Mount, Deduct	*-19.43*	
		For Diffuser Without Damper, Deduct	*-32.38*	
		For Stainless Steel, Add	*404.75*	
23 37 13 13-0011	EA	24" x 24" Ceiling Diffuser With Perforated Face, Flush Mount, Aluminum Construction With Damper	290.86	27.92
		For Steel Construction, Deduct	*-27.01*	
		For Surface Mount, Deduct	*-21.61*	
		For Lay-In Mount, Deduct	*-21.61*	
		For Diffuser Without Damper, Deduct	*-36.01*	
		For Stainless Steel, Add	*450.13*	

23 37 13 13-0012 Ceiling Diffusers With Louver Face *(23 37 13 13-0001)*

Note: 1 To 4 way adjustable pattern, surface mount aluminum construction.

23 37 13 13-0013	EA	6" x 6" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper	129.09	15.13
		For Steel Construction, Deduct	*-10.39*	
		For Flush Mount, Add	*10.39*	
		For Stainless Steel, Add	*173.13*	
23 37 13 13-0014	EA	8" x 8" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper	147.71	15.13
		For Steel Construction, Deduct	*-13.18*	
		For Flush Mount, Add	*13.18*	
		For Stainless Steel, Add	*219.68*	
23 37 13 13-0015	EA	9" x 9" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper	147.71	15.13
		For Steel Construction, Deduct	*-13.18*	
		For Flush Mount, Add	*13.18*	
		For Stainless Steel, Add	*219.68*	
23 37 13 13-0016	EA	10" x 10" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper	177.28	17.45
		For Steel Construction, Deduct	*-15.76*	
		For Flush Mount, Add	*15.76*	
		For Stainless Steel, Add	*262.68*	
23 37 13 13-0017	EA	12" x 12" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper	177.28	18.61
		For Steel Construction, Deduct	*-15.76*	
		For Flush Mount, Add	*15.76*	
		For Stainless Steel, Add	*262.68*	
23 37 13 13-0018	EA	24" x 12" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper	228.59	23.27
		For Steel Construction, Deduct	*-20.63*	
		For Flush Mount, Add	*20.63*	
		For Stainless Steel, Add	*343.85*	
23 37 13 13-0019	EA	14" x 14" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper	203.28	23.27
		For Steel Construction, Deduct	*-16.83*	
		For Flush Mount, Add	*16.83*	
		For Stainless Steel, Add	*280.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 13-0020	EA	18" x 18" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper	254.21	27.92
		For Steel Construction, Deduct	*-21.60*	
		For Flush Mount, Add	*21.60*	
		For Stainless Steel, Add	*359.98*	
23 37 13 13-0021	EA	21" x 21" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper	295.31	31.41
		For Steel Construction, Deduct	*-26.86*	
		For Flush Mount, Add	*26.86*	
		For Stainless Steel, Add	*447.73*	
23 37 13 13-0022	EA	24" x 24" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper	323.06	61.55
		For Steel Construction, Deduct	*-29.98*	
		For Flush Mount, Add	*29.98*	
		For Lay-In Mount, Add	*39.97*	
		For Stainless Steel, Add	*499.68*	
23 37 13 13-0023		**Round Ceiling Diffusers With Fixed Pattern** *(23 37 13 13-0001)*		
		Note: Aluminum construction.		
23 37 13 13-0024	EA	6" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction	214.84	15.13
		For Steel Construction, Deduct	*-46.50*	
		For Stainless Steel, Add	*387.50*	
23 37 13 13-0025	EA	8" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction	222.79	15.13
		For Steel Construction, Deduct	*-48.89*	
		For Stainless Steel, Add	*407.38*	
23 37 13 13-0026	EA	10" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction	251.05	18.61
		For Steel Construction, Deduct	*-53.65*	
		For Stainless Steel, Add	*447.10*	
23 37 13 13-0027	EA	12" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction	270.93	17.45
		For Steel Construction, Deduct	*-59.62*	
		For Stainless Steel, Add	*496.80*	
23 37 13 13-0028	EA	14" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction	389.79	20.94
		For Steel Construction, Deduct	*-91.81*	
		For Stainless Steel, Add	*765.05*	
23 37 13 13-0029	EA	16" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction	411.17	22.11
		For Steel Construction, Deduct	*-97.17*	
		For Stainless Steel, Add	*809.78*	
23 37 13 13-0030	EA	18" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction	432.84	23.27
		For Steel Construction, Deduct	*-102.54*	
		For Stainless Steel, Add	*854.48*	
23 37 13 13-0031	EA	20" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction	501.45	23.27
		For Steel Construction, Deduct	*-121.88*	
		For Stainless Steel, Add	*1,015.65*	
23 37 13 13-0032	EA	24" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction	599.29	26.76
		For Steel Construction, Deduct	*-148.37*	
		For Stainless Steel, Add	*1,236.45*	
23 37 13 13-0033	EA	28" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction	675.46	27.92
		For Steel Construction, Deduct	*-169.57*	
		For Stainless Steel, Add	*1,413.10*	
23 37 13 13-0034	EA	32" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction	807.66	31.41
		For Steel Construction, Deduct	*-205.34*	
		For Stainless Steel, Add	*1,711.18*	
23 37 13 13-0035		**Round Ceiling Diffusers With Adjustable Pattern Dropped Style** *(23 37 13 13-0001)*		
		Note: Aluminum construction.		
23 37 13 13-0036	EA	6" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction	226.76	15.13
		For Steel Construction, Deduct	*-16.69*	
		For Flush Mount, Deduct	*-8.35*	
		For Stainless Steel, Add	*417.30*	
23 37 13 13-0037	EA	8" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction	247.30	15.13
		For Steel Construction, Deduct	*-18.75*	
		For Flush Mount, Deduct	*-9.37*	
		For Stainless Steel, Add	*468.65*	
23 37 13 13-0038	EA	10" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction	279.76	18.61
		For Steel Construction, Deduct	*-20.76*	
		For Flush Mount, Deduct	*-10.38*	
		For Stainless Steel, Add	*518.88*	
23 37 13 13-0039	EA	12" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction	302.72	18.61
		For Steel Construction, Deduct	*-23.05*	
		For Flush Mount, Deduct	*-11.53*	
		For Stainless Steel, Add	*576.28*	
23 37 13 13-0040	EA	14" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction	441.46	20.94
		For Steel Construction, Deduct	*-35.77*	
		For Flush Mount, Deduct	*-17.88*	
		For Stainless Steel, Add	*894.23*	
23 37 13 13-0041	EA	16" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction	390.92	22.11
		For Steel Construction, Deduct	*-38.22*	
		For Flush Mount, Deduct	*-19.11*	
		For Stainless Steel, Add	*955.50*	
23 37 13 13-0042	EA	18" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction	497.76	23.27
		For Steel Construction, Deduct	*-40.67*	
		For Flush Mount, Deduct	*-20.34*	
		For Stainless Steel, Add	*1,016.78*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 13-0043	EA	20" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction	578.73	24.43
		For Steel Construction, Deduct	*-48.35*	
		For Flush Mount, Deduct	*-24.18*	
		For Stainless Steel, Add	*1,208.85*	
23 37 13 13-0044	EA	24" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction	654.05	26.76
		For Steel Construction, Deduct	*-54.93*	
		For Flush Mount, Deduct	*-27.47*	
		For Stainless Steel, Add	*1,373.35*	
23 37 13 13-0045	EA	28" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction	794.69	27.92
		For Steel Construction, Deduct	*-68.45*	
		For Flush Mount, Deduct	*-34.22*	
		For Stainless Steel, Add	*1,711.18*	
23 37 13 13-0046	EA	32" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction	958.24	31.41
		For Steel Construction, Deduct	*-83.51*	
		For Flush Mount, Deduct	*-41.75*	
		For Stainless Steel, Add	*2,087.63*	
23 37 13 13-0047	EA	36" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction	1,062.22	65.51
		For Stainless Steel, Add	*2,328.33*	

23 37 13 13-0048 Linear Type Ceiling Diffusers With 2-Way Air Deflection *(23 37 13 13-0001)*

23 37 13 13-0049	LF	4" Linear Type Ceiling Diffuser 40-200 CFM/LF, With 2-Way Air Deflection	170.11	17.45
		For Stainless Steel, Add	*250.75*	
23 37 13 13-0050	LF	6-1/4" Linear Type Ceiling Diffuser, 41 - 206 CFM/LF, With 2-Way Air Deflection	183.74	17.45
		For Stainless Steel, Add	*284.83*	
23 37 13 13-0051	LF	9-1/4" Linear Type Ceiling Diffuser, 62 - 312 CFM/LF, With 2-Way Air Deflection	200.52	17.45
		For Stainless Steel, Add	*326.78*	
23 37 13 13-0052	LF	12-1/4" Linear Type Ceiling Diffuser, 131 - 656 CFM/LF, With 2-Way Air Deflection	216.86	17.45
		For Stainless Steel, Add	*367.63*	

23 37 13 13-0053 Wall And Floor Diffusers *(23 37 13 13)*

23 37 13 13-0054 Slot Type Linear Diffusers *(23 37 13 13-0053)*

Note: For sidewall sill or ceiling 1/2" 3/4/" or 1" slot spacing 1-1/8" border.

23 37 13 13-0055	LF	1 Slot Linear Diffusers 10 - 70 CFM/LF, Sidewall, Sill, Ceiling	57.55	5.82
		For 3/4" Border, Add	*8.28*	
		For Floor Mounted Diffusers, Add	*9.94*	
		For Stainless Steel, Add	*43.06*	
23 37 13 13-0056	LF	2 Slot Linear Diffusers 20 - 140 CFM/LF, Sidewall, Sill, Ceiling	70.91	6.98
		For 3/4" Border, Add	*11.04*	
		For Floor Mounted Diffusers, Add	*13.25*	
		For Stainless Steel, Add	*57.41*	
23 37 13 13-0057	LF	3 Slot Linear Diffusers 30 - 210 CFM/LF, Sidewall, Sill, Ceiling	99.82	8.15
		For 3/4" Border, Add	*17.39*	
		For Floor Mounted Diffusers, Add	*20.87*	
		For Stainless Steel, Add	*90.42*	
23 37 13 13-0058	LF	4 Slot Linear Diffusers 40 - 280 CFM/LF, Sidewall, Sill, Ceiling	133.08	8.15
		For 3/4" Border, Add	*24.84*	
		For Floor Mounted Diffusers, Add	*29.81*	
		For Stainless Steel, Add	*129.17*	
23 37 13 13-0059	LF	5 Slot Linear Diffusers 50 - 350 CFM/LF, Sidewall, Sill, Ceiling	167.59	9.31
		For 3/4" Border, Add	*32.29*	
		For Floor Mounted Diffusers, Add	*38.75*	
		For Stainless Steel, Add	*167.92*	
23 37 13 13-0060	LF	6 Slot Linear Diffusers 60 - 420 CFM/LF, Sidewall, Sill, Ceiling	196.53	11.63
		For 3/4" Border, Add	*38.09*	
		For Floor Mounted Diffusers, Add	*45.71*	
		For Stainless Steel, Add	*198.06*	

23 37 13 13-0061 Linear Bar Grilles And Registers *(23 37 13 13-0053)*

Note: For sidewall sill or ceiling or 15 degree deflection 1/2" bar spacing 1" border aluminum construction.

23 37 13 13-0062	LF	2" Wide Linear Bar Grilles/Registers 30 - 70 CFM/LF, Sidewall, Sill, Ceiling	186.83	6.98
		For Floor Mount, Add	*16.01*	
		For Opposed Blade Damper, Add	*32.02*	
		For Stainless Steel, Add	*208.10*	
23 37 13 13-0063	LF	3" Wide Linear Bar Grilles/Registers 55 - 143 CFM/LF, Sidewall, Sill, Ceiling	223.47	8.15
		For Floor Mount, Add	*19.32*	
		For Opposed Blade Damper, Add	*38.64*	
		For Stainless Steel, Add	*251.16*	
23 37 13 13-0064	LF	4" Wide Linear Bar Grilles/Registers 80 - 208 CFM/LF, Sidewall, Sill, Ceiling	243.48	8.15
		For Floor Mount, Add	*20.98*	
		For Opposed Blade Damper, Add	*41.95*	
		For Stainless Steel, Add	*272.69*	
23 37 13 13-0065	LF	6" Wide Linear Bar Grilles/Registers 125 - 325 CFM/LF, Sidewall, Sill, Ceiling	298.10	11.63
		For Floor Mount, Add	*25.39*	
		For Opposed Blade Damper, Add	*50.78*	
		For Stainless Steel, Add	*330.10*	
23 37 13 13-0066	LF	9" Wide Linear Bar Grilles/Registers 225 - 450 CFM/LF, Sidewall, Sill, Ceiling	412.59	15.13
		For Floor Mount, Add	*35.33*	
		For Opposed Blade Damper, Add	*70.65*	
		For Stainless Steel, Add	*459.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 13-0067	LF	12" Wide Linear Bar Grilles/Registers 225 - 495 CFM/LF, Sidewall, Sill, Ceiling	475.16	17.45
		For Floor Mount, Add	*40.30*	
		For Opposed Blade Damper, Add	*80.59*	
		For Stainless Steel, Add	*523.84*	

23 37 13 13-0068 Return/Exhaust Registers And Grilles *(23 37 13 13)*

23 37 13 13-0069 Return/Exhaust Registers With Frame *(23 37 13 13-0068)*

Note: Single deflection with opposed blade damper aluminum construction wall or ceiling mount.

23 37 13 13-0070	EA	8" x 4" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	124.98	9.31
		For Steel Construction, Deduct	*-17.77*	
		For Grilles (No Damper), Deduct	*-35.55*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*8.89*	
		For Cube Core Lay In, Add	*17.77*	
		For Stainless Steel, Add	*222.18*	
23 37 13 13-0071	EA	8" x 6" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	144.30	9.31
		For Steel Construction, Deduct	*-21.64*	
		For Grilles (No Damper), Deduct	*-43.28*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*10.82*	
		For Cube Core Lay In, Add	*21.64*	
		For Stainless Steel, Add	*270.48*	
23 37 13 13-0072	EA	10" x 6" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	161.67	10.47
		For Steel Construction, Deduct	*-23.96*	
		For Grilles (No Damper), Deduct	*-47.91*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*11.98*	
		For Cube Core Lay In, Add	*23.96*	
		For Stainless Steel, Add	*299.45*	
23 37 13 13-0073	EA	10" x 10" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	168.49	11.63
		For Steel Construction, Deduct	*-23.96*	
		For Grilles (No Damper), Deduct	*-47.91*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*11.98*	
		For Cube Core Lay In, Add	*23.96*	
		For Stainless Steel, Add	*299.45*	
23 37 13 13-0074	EA	12" x 6" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	160.76	11.63
		For Steel Construction, Deduct	*-22.41*	
		For Grilles (No Damper), Deduct	*-44.82*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*11.21*	
		For Cube Core Lay In, Add	*22.41*	
		For Stainless Steel, Add	*280.13*	
23 37 13 13-0075	EA	12" x 12" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	206.67	15.13
		For Steel Construction, Deduct	*-29.37*	
		For Grilles (No Damper), Deduct	*-58.73*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*14.68*	
		For Cube Core Lay In, Add	*29.37*	
		For Stainless Steel, Add	*367.08*	
23 37 13 13-0076	EA	16" x 16" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	247.52	17.45
		For Steel Construction, Deduct	*-35.06*	
		For Grilles (No Damper), Deduct	*-70.12*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*17.53*	
		For Cube Core Lay In, Add	*35.06*	
		For Stainless Steel, Add	*438.28*	
23 37 13 13-0077	EA	18" x 18" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	304.00	20.94
		For Steel Construction, Deduct	*-44.05*	
		For Grilles (No Damper), Deduct	*-88.09*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*22.02*	
		For Cube Core Lay In, Add	*44.05*	
		For Stainless Steel, Add	*550.58*	
23 37 13 13-0078	EA	20" x 20" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	357.76	23.27
		For Steel Construction, Deduct	*-53.34*	
		For Grilles (No Damper), Deduct	*-106.68*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*26.67*	
		For Cube Core Lay In, Add	*53.34*	
		For Stainless Steel, Add	*666.78*	
23 37 13 13-0079	EA	24" x 12" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	318.27	23.27
		For Steel Construction, Deduct	*-44.62*	
		For Grilles (No Damper), Deduct	*-89.23*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*22.31*	
		For Cube Core Lay In, Add	*44.62*	
		For Stainless Steel, Add	*557.70*	
23 37 13 13-0080	EA	24" x 18" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	365.66	23.27
		For Steel Construction, Deduct	*-54.09*	
		For Grilles (No Damper), Deduct	*-108.19*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*27.05*	
		For Cube Core Lay In, Add	*54.09*	
		For Stainless Steel, Add	*676.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 13-0081	EA	24" x 24" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	385.04	26.76
		For Steel Construction, Deduct	*-56.07*	
		For Grilles (No Damper), Deduct	*-112.13*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*28.03*	
		For Cube Core Lay In, Add	*56.07*	
		For Stainless Steel, Add	*700.83*	
23 37 13 13-0082	EA	30" x 12" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	408.14	27.92
		For Steel Construction, Deduct	*-59.58*	
		For Grilles (No Damper), Deduct	*-119.17*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*29.79*	
		For Cube Core Lay In, Add	*59.58*	
		For Stainless Steel, Add	*744.80*	
23 37 13 13-0083	EA	30" x 18" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	470.93	31.41
		For Steel Construction, Deduct	*-69.55*	
		For Grilles (No Damper), Deduct	*-139.10*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*34.77*	
		For Cube Core Lay In, Add	*69.55*	
		For Stainless Steel, Add	*869.35*	
23 37 13 13-0084	EA	30" x 24" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	525.91	37.24
		For Steel Construction, Deduct	*-75.26*	
		For Grilles (No Damper), Deduct	*-150.53*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*37.63*	
		For Cube Core Lay In, Add	*75.26*	
		For Stainless Steel, Add	*940.80*	
23 37 13 13-0085	EA	30" x 30" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	689.52	37.24
		For Steel Construction, Deduct	*-107.99*	
		For Grilles (No Damper), Deduct	*-215.97*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*53.99*	
		For Cube Core Lay In, Add	*107.99*	
		For Stainless Steel, Add	*1,349.83*	
23 37 13 13-0086	EA	36" x 12" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	567.64	40.72
		For Steel Construction, Deduct	*-81.31*	
		For Grilles (No Damper), Deduct	*-162.62*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*40.65*	
		For Cube Core Lay In, Add	*81.31*	
		For Stainless Steel, Add	*1,016.35*	
23 37 13 13-0087	EA	36" x 18" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	552.09	39.56
		For Steel Construction, Deduct	*-78.20*	
		For Grilles (No Damper), Deduct	*-156.40*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*39.10*	
		For Cube Core Lay In, Add	*78.20*	
		For Stainless Steel, Add	*977.48*	
23 37 13 13-0088	EA	36" x 24" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	629.86	44.21
		For Steel Construction, Deduct	*-91.07*	
		For Grilles (No Damper), Deduct	*-182.14*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*45.54*	
		For Cube Core Lay In, Add	*91.07*	
		For Stainless Steel, Add	*1,138.38*	
23 37 13 13-0089	EA	36" x 36" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	860.54	47.70
		For Steel Construction, Deduct	*-134.03*	
		For Grilles (No Damper), Deduct	*-268.06*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*67.02*	
		For Cube Core Lay In, Add	*134.03*	
		For Stainless Steel, Add	*1,675.38*	
23 37 13 13-0090	EA	24" x 20" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	378.51	26.87
		For Steel Construction, Deduct	*-54.23*	
		For Grilles (No Damper), Deduct	*-108.46*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*27.11*	
		For Cube Core Lay In, Add	*54.23*	
		For Stainless Steel, Add	*677.85*	
23 37 13 13-0091	EA	32" x 40" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	656.40	40.28
		For Steel Construction, Deduct	*-99.06*	
		For Grilles (No Damper), Deduct	*-198.12*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*49.53*	
		For Cube Core Lay In, Add	*99.06*	
		For Stainless Steel, Add	*1,238.25*	
23 37 13 13-0092	EA	48" x 24" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	759.43	47.70
		For Steel Construction, Deduct	*-113.67*	
		For Grilles (No Damper), Deduct	*-227.34*	
		For Removable Core, Add	*35.00*	
		For Cube Core With Frame, Add	*56.84*	
		For Cube Core Lay In, Add	*113.67*	
		For Stainless Steel, Add	*1,420.88*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 13-0093		Return/Exhaust Registers Removable-Reversible *(23 37 13 13-0068)*		
		Note: Double deflection core and opposed blade damper radiused frame with boarder aluminum construction.		
23 37 13 13-0094	EA	8" x 4" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	114.93	9.31
		For Steel Construction, Deduct	*-7.88*	
		For Flat Frame, Deduct	*-0.79*	
		For Grilles (No Damper), Deduct	*-15.76*	
		For Stainless Steel, Add	*197.05*	
23 37 13 13-0095	EA	8" x 6" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	114.93	9.31
		For Steel Construction, Deduct	*-7.88*	
		For Flat Frame, Deduct	*-0.79*	
		For Grilles (No Damper), Deduct	*-15.76*	
		For Stainless Steel, Add	*197.05*	
23 37 13 13-0096	EA	10" x 6" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	141.58	10.47
		For Steel Construction, Deduct	*-9.97*	
		For Flat Frame, Deduct	*-1.00*	
		For Grilles (No Damper), Deduct	*-19.94*	
		For Stainless Steel, Add	*249.23*	
23 37 13 13-0097	EA	10" x 10" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	162.31	12.80
		For Steel Construction, Deduct	*-11.36*	
		For Flat Frame, Deduct	*-1.14*	
		For Grilles (No Damper), Deduct	*-22.72*	
		For Stainless Steel, Add	*284.00*	
23 37 13 13-0098	EA	12" x 6" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	159.99	11.63
		For Steel Construction, Deduct	*-11.13*	
		For Flat Frame, Deduct	*-1.11*	
		For Grilles (No Damper), Deduct	*-22.26*	
		For Stainless Steel, Add	*278.20*	
23 37 13 13-0099	EA	12" x 12" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	208.21	15.13
		For Steel Construction, Deduct	*-14.84*	
		For Flat Frame, Deduct	*-1.48*	
		For Grilles (No Damper), Deduct	*-29.67*	
		For Stainless Steel, Add	*370.93*	
23 37 13 13-0100	EA	16" x 16" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	340.37	18.61
		For Steel Construction, Deduct	*-26.82*	
		For Flat Frame, Deduct	*-2.68*	
		For Grilles (No Damper), Deduct	*-53.63*	
		For Stainless Steel, Add	*670.40*	
23 37 13 13-0101	EA	18" x 18" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	410.66	20.94
		For Steel Construction, Deduct	*-32.69*	
		For Flat Frame, Deduct	*-3.27*	
		For Grilles (No Damper), Deduct	*-65.38*	
		For Stainless Steel, Add	*817.23*	
23 37 13 13-0102	EA	20" x 20" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	464.31	23.27
		For Steel Construction, Deduct	*-37.33*	
		For Flat Frame, Deduct	*-3.73*	
		For Grilles (No Damper), Deduct	*-74.65*	
		For Stainless Steel, Add	*933.15*	
23 37 13 13-0103	EA	24" x 12" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	382.67	23.27
		For Steel Construction, Deduct	*-28.75*	
		For Flat Frame, Deduct	*-2.87*	
		For Grilles (No Damper), Deduct	*-57.50*	
		For Stainless Steel, Add	*718.70*	
23 37 13 13-0104	EA	24" x 18" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	521.77	24.43
		For Steel Construction, Deduct	*-42.66*	
		For Flat Frame, Deduct	*-4.27*	
		For Grilles (No Damper), Deduct	*-85.32*	
		For Stainless Steel, Add	*1,066.45*	
23 37 13 13-0105	EA	24" x 24" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	610.11	26.76
		For Steel Construction, Deduct	*-50.54*	
		For Flat Frame, Deduct	*-5.05*	
		For Grilles (No Damper), Deduct	*-101.08*	
		For Stainless Steel, Add	*1,263.50*	
23 37 13 13-0106	EA	30" x 12" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	462.61	27.92
		For Steel Construction, Deduct	*-35.24*	
		For Flat Frame, Deduct	*-3.52*	
		For Grilles (No Damper), Deduct	*-70.48*	
		For Stainless Steel, Add	*880.98*	
23 37 13 13-0107	EA	30" x 18" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	642.50	31.41
		For Steel Construction, Deduct	*-51.93*	
		For Flat Frame, Deduct	*-5.19*	
		For Grilles (No Damper), Deduct	*-103.86*	
		For Stainless Steel, Add	*1,298.28*	
23 37 13 13-0108	EA	30" x 24" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	773.23	37.24
		For Steel Construction, Deduct	*-62.36*	
		For Flat Frame, Deduct	*-6.24*	
		For Grilles (No Damper), Deduct	*-124.73*	
		For Stainless Steel, Add	*1,559.10*	
23 37 13 13-0109	EA	30" x 30" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	890.30	37.24
		For Steel Construction, Deduct	*-74.07*	
		For Flat Frame, Deduct	*-7.41*	
		For Grilles (No Damper), Deduct	*-148.14*	
		For Stainless Steel, Add	*1,851.78*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 13-0110	EA	36" x 12" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	594.63	39.56
		For Steel Construction, Deduct	*-43.35*	
		For Flat Frame, Deduct	*-4.34*	
		For Grilles (No Damper), Deduct	*-86.71*	
		For Stainless Steel, Add	*1,083.83*	
23 37 13 13-0111	EA	36" x 18" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	817.19	39.56
		For Steel Construction, Deduct	*-65.61*	
		For Flat Frame, Deduct	*-6.56*	
		For Grilles (No Damper), Deduct	*-131.22*	
		For Stainless Steel, Add	*1,640.23*	
23 37 13 13-0112	EA	36" x 24" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	948.84	44.21
		For Steel Construction, Deduct	*-77.43*	
		For Flat Frame, Deduct	*-7.74*	
		For Grilles (No Damper), Deduct	*-154.87*	
		For Stainless Steel, Add	*1,935.83*	
23 37 13 13-0113	EA	36" x 30" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	1,111.94	47.70
		For Steel Construction, Deduct	*-92.16*	
		For Flat Frame, Deduct	*-9.22*	
		For Grilles (No Damper), Deduct	*-184.31*	
		For Stainless Steel, Add	*2,303.88*	
23 37 13 13-0114	EA	36" x 36" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	1,176.85	47.70
		For Steel Construction, Deduct	*-98.65*	
		For Flat Frame, Deduct	*-9.86*	
		For Grilles (No Damper), Deduct	*-197.29*	
		For Stainless Steel, Add	*2,466.15*	

23 37 13 13-0115 Aluminum Eggcrate Ceiling Return Air And Exhaust Grilles *(23 37 13 13-0068)*

23 37 13 13-0116	EA	6" x 6" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	57.58	11.39
23 37 13 13-0117	EA	8" x 4" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	57.58	11.39
23 37 13 13-0118	EA	8" x 6" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	62.86	11.39
23 37 13 13-0119	EA	8" x 8" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	64.97	11.39
23 37 13 13-0120	EA	10" x 4" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	62.86	11.39
23 37 13 13-0121	EA	10" x 6" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	64.97	11.39
23 37 13 13-0122	EA	10" x 8" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	77.82	14.92
23 37 13 13-0123	EA	10" x 10" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	79.93	14.92
23 37 13 13-0124	EA	12" x 6" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	75.71	14.92
23 37 13 13-0125	EA	12" x 8" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	79.93	14.92
23 37 13 13-0126	EA	12" x 10" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	82.04	14.92
23 37 13 13-0127	EA	12" x 12" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	84.15	14.92
23 37 13 13-0128	EA	14" x 6" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	80.99	14.92
23 37 13 13-0129	EA	14" x 8" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	85.21	14.92
23 37 13 13-0130	EA	14" x 10" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	87.32	14.92
23 37 13 13-0131	EA	14" x 14" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	96.82	14.92
23 37 13 13-0132	EA	16" x 8" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	85.21	14.92
23 37 13 13-0133	EA	16" x 10" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	92.60	14.92
23 37 13 13-0134	EA	16" x 12" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	96.82	14.92
23 37 13 13-0135	EA	16" x 14" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	123.57	22.01
23 37 13 13-0136	EA	16" x 16" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	125.68	22.01
23 37 13 13-0137	EA	18" x 12" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	121.46	22.01
23 37 13 13-0138	EA	18" x 18" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	149.08	25.55
23 37 13 13-0139	EA	20" x 10" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	119.35	22.01
23 37 13 13-0140	EA	20" x 20" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	159.64	25.55
23 37 13 13-0141	EA	22" x 4" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	83.10	14.92
23 37 13 13-0142	EA	22" x 10" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	121.46	22.01
23 37 13 13-0143	EA	22" x 22" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	178.82	29.10
23 37 13 13-0144	EA	24" x 8" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	119.35	22.01
23 37 13 13-0145	EA	24" x 10" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	123.57	22.01
23 37 13 13-0146	EA	24" x 12" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	142.75	25.55
		For Lay-In Installation, Deduct	*-53.86*	
23 37 13 13-0147	EA	24" x 14" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	149.08	25.55
23 37 13 13-0148	EA	24" x 16" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	166.16	29.10
23 37 13 13-0149	EA	24" x 18" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	172.49	29.10
23 37 13 13-0150	EA	24" x 20" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	179.88	29.10
23 37 13 13-0151	EA	24" x 24" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	193.60	29.10
		For Lay-In Installation, Deduct	*-61.66*	
23 37 13 13-0152	EA	30" x 8" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	145.92	25.55
23 37 13 13-0153	EA	48" x 12" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	239.12	31.89
23 37 13 13-0154	EA	48" x 24" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille	413.64	38.97
		For Lay-In Installation, Deduct	*-88.72*	

23 37 13 13-0155 Supply Registers and Grilles *(23 37 13 13)*

23 37 13 13-0156 Adjustable Curved Blade Register *(23 37 13 13-0155)*

Note: Ceiling mount aluminum construction four way pattern flush frame.

23 37 13 13-0157	EA	6" x 6" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern	103.61	9.31
		For Steel Construction, Deduct	*-10.13*	
		For Lay In Frame, Deduct	*-16.89*	
		For Three Way Pattern, Deduct	*-6.76*	
		For Two Way Pattern, Deduct	*-5.40*	
		For One Way Pattern, Deduct	*-5.40*	
		For Grille (No Damper), Deduct	*-10.13*	
		For Stainless Steel, Add	*168.90*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 13-0158	EA	8" x 8" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern	107.59	9.31
		For Steel Construction, Deduct	*-10.73*	
		For Lay In Frame, Deduct	*-17.89*	
		For Three Way Pattern, Deduct	*-7.15*	
		For Two Way Pattern, Deduct	*-5.72*	
		For One Way Pattern, Deduct	*-5.72*	
		For Grille (No Damper), Deduct	*-10.73*	
		For Stainless Steel, Add	*178.85*	
23 37 13 13-0159	EA	12" x 6" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern	116.38	12.80
		For Steel Construction, Deduct	*-10.13*	
		For Lay In Frame, Deduct	*-16.89*	
		For Three Way Pattern, Deduct	*-6.76*	
		For Two Way Pattern, Deduct	*-5.40*	
		For One Way Pattern, Deduct	*-5.40*	
		For Grille (No Damper), Deduct	*-10.13*	
		For Stainless Steel, Add	*168.90*	
23 37 13 13-0160	EA	10" x 10" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern	130.96	11.63
		For Steel Construction, Deduct	*-12.32*	
		For Lay In Frame, Deduct	*-20.54*	
		For Three Way Pattern, Deduct	*-8.21*	
		For Two Way Pattern, Deduct	*-6.57*	
		For One Way Pattern, Deduct	*-6.57*	
		For Grille (No Damper), Deduct	*-12.32*	
		For Stainless Steel, Add	*205.35*	
23 37 13 13-0161	EA	12" x 12" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern	157.35	15.13
		For Steel Construction, Deduct	*-14.70*	
		For Lay In Frame, Deduct	*-24.51*	
		For Three Way Pattern, Deduct	*-9.80*	
		For Two Way Pattern, Deduct	*-7.84*	
		For One Way Pattern, Deduct	*-7.84*	
		For Grille (No Damper), Deduct	*-14.70*	
		For Stainless Steel, Add	*245.08*	
23 37 13 13-0162	EA	14" x 14" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern	194.09	17.45
		For Steel Construction, Deduct	*-18.28*	
		For Lay In Frame, Deduct	*-30.47*	
		For Three Way Pattern, Deduct	*-12.19*	
		For Two Way Pattern, Deduct	*-9.75*	
		For One Way Pattern, Deduct	*-9.75*	
		For Grille (No Damper), Deduct	*-18.28*	
		For Stainless Steel, Add	*304.70*	
23 37 13 13-0163	EA	16" x 16" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern	194.09	17.45
		For Steel Construction, Deduct	*-18.28*	
		For Lay In Frame, Deduct	*-30.47*	
		For Three Way Pattern, Deduct	*-12.19*	
		For Two Way Pattern, Deduct	*-9.75*	
		For One Way Pattern, Deduct	*-9.75*	
		For Grille (No Damper), Deduct	*-18.28*	
		For Stainless Steel, Add	*304.70*	
23 37 13 13-0164	EA	18" x 18" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern	239.04	23.27
		For Steel Construction, Deduct	*-22.26*	
		For Lay In Frame, Deduct	*-37.10*	
		For Three Way Pattern, Deduct	*-14.84*	
		For Two Way Pattern, Deduct	*-11.87*	
		For One Way Pattern, Deduct	*-11.87*	
		For Grille (No Damper), Deduct	*-22.26*	
		For Stainless Steel, Add	*370.95*	
23 37 13 13-0165	EA	24" x 24" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern	319.08	24.43
		For Steel Construction, Deduct	*-33.58*	
		For Lay In Frame, Deduct	*-55.97*	
		For Three Way Pattern, Deduct	*-22.39*	
		For Two Way Pattern, Deduct	*-17.91*	
		For One Way Pattern, Deduct	*-17.91*	
		For Grille (No Damper), Deduct	*-33.58*	
		For Stainless Steel, Add	*559.73*	
23 37 13 13-0166	EA	30" x 30" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern	528.56	49.33
		For Steel Construction, Deduct	*-64.48*	
		For Lay In Frame, Deduct	*-107.47*	
		For Three Way Pattern, Deduct	*-42.99*	
		For Two Way Pattern, Deduct	*-34.39*	
		For One Way Pattern, Deduct	*-34.39*	
		For Grille (No Damper), Deduct	*-64.48*	
		For Stainless Steel, Add	*1,074.73*	

23 37 13 13-0167 Removable-Reversible Core Registers *(23 37 13 13-0155)*

Note: Double deflection radiused frame aluminum construction.

23 37 13 13-0168	EA	6" x 6" Removable/Reversible Core Register, Double Deflection, Radiused Aluminum Frame	120.84	9.31
		For Steel Construction, Deduct	*-8.48*	
		For Flat Frame, Deduct	*-8.48*	
		For Grille (No Damper), Deduct	*-25.44*	
		For Stainless Steel, Add	*211.98*	
23 37 13 13-0169	EA	8" x 8" Removable/Reversible Core Register, Double Deflection, Radiused Aluminum Frame	155.28	9.31
		For Steel Construction, Deduct	*-11.92*	
		For Flat Frame, Deduct	*-11.92*	
		For Grille (No Damper), Deduct	*-35.77*	
		For Stainless Steel, Add	*298.08*	

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MINOR CSI UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 13-0170	EA 12" x 6" Removable/Reversible Core Register, Double Deflection, Radiused Aluminum Frame	197.20	12.80
	For Steel Construction, Deduct	*-14.84*	
	For Flat Frame, Deduct	*-14.84*	
	For Grille (No Damper), Deduct	*-44.51*	
	For Stainless Steel, Add	*370.95*	
23 37 13 13-0171	EA 10" x 10" Removable/Reversible Core Register, Double Deflection, Radiused Aluminum Frame	199.84	12.80
	For Steel Construction, Deduct	*-15.10*	
	For Flat Frame, Deduct	*-15.10*	
	For Grille (No Damper), Deduct	*-45.31*	
	For Stainless Steel, Add	*377.55*	
23 37 13 13-0172	EA 12" x 12" Removable/Reversible Core Register, Double Deflection, Radiused Aluminum Frame	255.39	15.13
	For Steel Construction, Deduct	*-19.61*	
	For Flat Frame, Deduct	*-19.61*	
	For Grille (No Damper), Deduct	*-58.82*	
	For Stainless Steel, Add	*490.18*	
23 37 13 13-0173	EA 14" x 14" Removable/Reversible Core Register, Double Deflection, Radiused Aluminum Frame	366.31	18.61
	For Steel Construction, Deduct	*-29.41*	
	For Flat Frame, Deduct	*-29.41*	
	For Grille (No Damper), Deduct	*-88.23*	
	For Stainless Steel, Add	*735.25*	
23 37 13 13-0174	EA 16" x 16" Removable/Reversible Core Register, Double Deflection, Radiused Aluminum Frame	414.00	17.45
	For Steel Construction, Deduct	*-34.18*	
	For Flat Frame, Deduct	*-34.18*	
	For Grille (No Damper), Deduct	*-102.54*	
	For Stainless Steel, Add	*854.48*	
23 37 13 13-0175	EA 18" x 18" Removable/Reversible Core Register, Double Deflection, Radiused Aluminum Frame	498.69	23.27
	For Steel Construction, Deduct	*-40.80*	
	For Flat Frame, Deduct	*-40.80*	
	For Grille (No Damper), Deduct	*-122.41*	
	For Stainless Steel, Add	*1,020.08*	
23 37 13 13-0176	EA 24" x 24" Removable/Reversible Core Register, Double Deflection, Radiused Aluminum Frame	633.05	23.27
	For Steel Construction, Deduct	*-53.79*	
	For Flat Frame, Deduct	*-53.79*	
	For Grille (No Damper), Deduct	*-161.36*	
	For Stainless Steel, Add	*1,344.65*	

23 37 13 13-0177 Adjustable Shutter Blade Registers *(23 37 13 13-0155)*

Note: Double deflection flat frame aluminum construction.

23 37 13 13-0178	EA 6" x 6" Adjustable Shutter Blade Register, Double Deflection, Flat Aluminum Frame	190.61	9.31
	For Steel Construction, Deduct	*-15.46*	
	For Single Deflection, Deduct	*-30.91*	
	For Grille (No Damper), Deduct	*-23.18*	
	For Stainless Steel, Add	*386.40*	
23 37 13 13-0179	EA 8" x 8" Adjustable Shutter Blade Register, Double Deflection, Flat Aluminum Frame	221.52	9.31
	For Steel Construction, Deduct	*-18.55*	
	For Single Deflection, Deduct	*-37.09*	
	For Grille (No Damper), Deduct	*-27.82*	
	For Stainless Steel, Add	*463.68*	
23 37 13 13-0180	EA 12" x 6" Adjustable Shutter Blade Register, Double Deflection, Flat Aluminum Frame	234.29	12.80
	For Steel Construction, Deduct	*-18.55*	
	For Single Deflection, Deduct	*-37.09*	
	For Grille (No Damper), Deduct	*-27.82*	
	For Stainless Steel, Add	*463.68*	
23 37 13 13-0181	EA 10" x 10" Adjustable Shutter Blade Register, Double Deflection, Flat Aluminum Frame	243.12	11.63
	For Steel Construction, Deduct	*-19.43*	
	For Single Deflection, Deduct	*-38.86*	
	For Grille (No Damper), Deduct	*-29.15*	
	For Stainless Steel, Add	*485.75*	
23 37 13 13-0182	EA 12" x 12" Adjustable Shutter Blade Register, Double Deflection, Flat Aluminum Frame	297.78	15.13
	For Steel Construction, Deduct	*-23.85*	
	For Single Deflection, Deduct	*-47.69*	
	For Grille (No Damper), Deduct	*-35.77*	
	For Stainless Steel, Add	*596.15*	
23 37 13 13-0183	EA 14" x 14" Adjustable Shutter Blade Register, Double Deflection, Flat Aluminum Frame	398.99	17.45
	For Steel Construction, Deduct	*-32.68*	
	For Single Deflection, Deduct	*-65.36*	
	For Grille (No Damper), Deduct	*-49.02*	
	For Stainless Steel, Add	*816.95*	
23 37 13 13-0184	EA 16" x 16" Adjustable Shutter Blade Register, Double Deflection, Flat Aluminum Frame	474.06	18.61
	For Steel Construction, Deduct	*-40.19*	
	For Single Deflection, Deduct	*-80.37*	
	For Grille (No Damper), Deduct	*-60.28*	
	For Stainless Steel, Add	*1,004.63*	
23 37 13 13-0185	EA 18" x 18" Adjustable Shutter Blade Register, Double Deflection, Flat Aluminum Frame	585.24	23.27
	For Steel Construction, Deduct	*-49.46*	
	For Single Deflection, Deduct	*-98.92*	
	For Grille (No Damper), Deduct	*-74.19*	
	For Stainless Steel, Add	*1,236.45*	
23 37 13 13-0186	EA 24" x 24" Adjustable Shutter Blade Register, Double Deflection, Flat Aluminum Frame	814.98	24.43
	For Steel Construction, Deduct	*-71.98*	
	For Single Deflection, Deduct	*-143.96*	
	For Grille (No Damper), Deduct	*-107.97*	
	For Stainless Steel, Add	*1,799.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 13-0187		**Air Conditioning And Ventilation** *(23 37 13 13-0155)*		
23 37 13 13-0188	EA	10" x 16" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction	102.03	24.43
		For Stainless Steel, Add	*133.03*	
23 37 13 13-0189	EA	18" x 12" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction	179.14	36.36
		For Stainless Steel, Add	*266.05*	
23 37 13 13-0190	EA	30" x 12" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction	279.17	50.90
		For Stainless Steel, Add	*443.43*	
23 37 13 13-0191	EA	48" x 24" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction	724.92	69.81
		For Stainless Steel, Add	*1,463.28*	
23 37 13 13-0192		**Square Wall Return Air And Exhaust Grilles** *(23 37 13 13-0155)*		
		Note: Egg crate design aluminum construction.		
23 37 13 13-0193	EA	8" x 8" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction	90.27	29.15
23 37 13 13-0194	EA	12" x 12" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction	100.11	29.15
23 37 13 13-0195	EA	18" x 18" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction	148.93	43.72
23 37 13 13-0196	EA	24" x 24" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction	198.13	43.72
23 37 13 13-0197	EA	28" x 28" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction	337.96	58.29
23 37 13 13-0198	EA	36" x 36" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction	635.15	58.17
23 37 13 13-0199		**Rectangular Four-Way Adjustable Deflection Wall Supply Grilles** *(23 37 13 13-0155)*		
		Note: Aluminum construction.		
23 37 13 13-0200	EA	12" x 6" 4-Way Adjustable Wall Supply Grille, Adjustable Deflection, Aluminum Construction	267.57	20.98
23 37 13 13-0201	EA	14" x 6" 4-Way Adjustable Wall Supply Grille, Adjustable Deflection, Aluminum Construction	307.31	20.98
23 37 13 13-0202	EA	18" x 8" 4-Way Adjustable Wall Supply Grille, Adjustable Deflection, Aluminum Construction	371.46	23.32
23 37 13 13-0203	EA	24" x 8" 4-Way Adjustable Wall Supply Grille, Adjustable Deflection, Aluminum Construction	442.09	23.32
23 37 13 13-0204	EA	36" x 20" 4-Way Adjustable Wall Supply Grille, Adjustable Deflection, Aluminum Construction	563.62	72.86
23 37 13 13-0205		**Square Ceiling Return Air And Exhaust Grilles** *(23 37 13 13-0155)*		
		Note: Egg crate design, plastic construction.		
23 37 13 13-0206	EA	24" x 24" Egg Crate Ceiling Return Air Or Exhaust Grille, Plastic Construction	49.83	13.95
23 37 13 13-0207	EA	24" x 48" Egg Crate Ceiling Return Air Or Exhaust Grille, Plastic Construction	72.96	14.07
23 37 13 13-0208		**Door Grilles Sight Proof Inverted Vee Cross Section** *(23 37 13 13-0155)*		
		Note: Painted steel louvers and frame.		
23 37 13 13-0209	EA	12" x 6" Sight Proof Door Grilles, Inverted Vee Cross Section, Painted Steel	148.51	20.98
23 37 13 13-0210	EA	12" x 12" Sight Proof Door Grilles, Inverted Vee Cross Section, Painted Steel	183.67	20.98
23 37 13 13-0211	EA	18" x 18" Sight Proof Door Grilles, Inverted Vee Cross Section, Painted Steel	232.24	22.15
23 37 13 13-0212	EA	24" x 24" Sight Proof Door Grilles, Inverted Vee Cross Section, Painted Steel	324.98	26.46
23 37 13 13-0213	EA	24" x 30" Sight Proof Door Grilles, Inverted Vee Cross Section, Painted Steel	359.83	48.61
23 37 13 13-0214		**Stainless Steel Devices** *(23 37 13 13-0155)*		
23 37 13 13-0215		**304 Stainless Steel, Louvered Partition/Door Grilles** *(23 37 13 13-0214)*		
23 37 13 13-0216	SF	Up To 4 SF, 304 Stainless Steel, Louvered Partition/Door Grille	238.99	18.18
		For 316 Stainless Steel, Add	*41.74*	
23 37 13 13-0217	SF	>4 SF, 304 Stainless Steel, Louvered Partition/Door Grille	200.91	18.18
		For 316 Stainless Steel, Add	*34.12*	
23 37 13 13-0218		**304 Stainless Steel, Single Deflection Supply Grilles** *(23 37 13 13-0214)*		
23 37 13 13-0219	SF	Up To 4 SF, 304 Stainless Steel, Single Deflection Supply Grille	179.81	18.18
		For 316 Stainless Steel, Add	*29.90*	
23 37 13 13-0220	SF	>4 SF, 304 Stainless Steel, Single Deflection Supply Grille	152.12	18.18
		For 316 Stainless Steel, Add	*24.36*	
23 37 13 13-0221		**304 Stainless Steel, Double Deflection Supply Grilles** *(23 37 13 13-0214)*		
23 37 13 13-0222	SF	Up To 4 SF, 304 Stainless Steel, Double Deflection Supply Grille	265.46	18.18
		For 316 Stainless Steel, Add	*47.03*	
23 37 13 13-0223	SF	>4 SF, 304 Stainless Steel, Double Deflection Supply Grille	225.49	18.18
		For 316 Stainless Steel, Add	*39.04*	
23 37 13 13-0224		**304 Stainless Steel Return Grilles** *(23 37 13 13-0214)*		
23 37 13 13-0225	SF	Up To 4 SF, 304 Stainless Steel Return Grille	179.81	18.18
		For 316 Stainless Steel, Add	*29.90*	
23 37 13 13-0226	SF	>4 SF, 304 Stainless Steel Return Grille	152.12	18.18
		For 316 Stainless Steel, Add	*24.36*	
23 37 13 13-0227		**304 Stainless Steel, Louvered Supply/Return Grilles** *(23 37 13 13-0214)*		
23 37 13 13-0228	SF	Up To 4 SF, 304 Stainless Steel, Louvered Supply/Return Grille	179.81	18.18
		For 316 Stainless Steel, Add	*29.90*	
23 37 13 13-0229	SF	>4 SF, 304 Stainless Steel, Louvered Supply/Return Grille	152.12	18.18
		For 316 Stainless Steel, Add	*24.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 13-0230		**304 Stainless Steel, Perforated Return Grilles** *(23 37 13 13-0214)*		
23 37 13 13-0231	SF	Up To 4 SF, 304 Stainless Steel, Perforated Return Grille	179.81	18.18
		For 316 Stainless Steel, Add	*29.90*	
23 37 13 13-0232	SF	>4 SF, 304 Stainless Steel, Perforated Return Grille	144.51	18.18
		For 316 Stainless Steel, Add	*22.84*	
23 37 13 13-0233		**304 Stainless Steel, Perforated Supply Grilles** *(23 37 13 13-0214)*		
23 37 13 13-0234	SF	Up To 4 SF, 304 Stainless Steel, Perforated Supply Grille	218.74	18.18
		For 316 Stainless Steel, Add	*37.69*	
23 37 13 13-0235	SF	>4 SF, 304 Stainless Steel, Perforated Supply Grille	148.56	18.18
		For 316 Stainless Steel, Add	*23.65*	
23 37 13 13-0236		**304 Stainless Steel, Door Grilles** *(23 37 13 13-0214)*		
23 37 13 13-0237	SF	Up To 4 SF, 304 Stainless Steel, Door Grille	329.31	18.18
		For 316 Stainless Steel, Add	*59.80*	
23 37 13 13-0238	SF	>4 SF, 304 Stainless Steel, Door Grille	273.95	18.18
		For 316 Stainless Steel, Add	*48.73*	
23 37 13 13-0239		**304 Stainless Steel, Linear Bar Grilles** *(23 37 13 13-0214)*		
23 37 13 13-0240	SF	Up To 4 SF, 304 Stainless Steel, Linear Bar Grille	422.23	18.18
		For 316 Stainless Steel, Add	*78.38*	
23 37 13 13-0241	SF	>4 SF, 304 Stainless Steel, Linear Bar Grille	360.80	18.18
		For 316 Stainless Steel, Add	*66.10*	
23 37 13 13-0242		**304 Stainless Steel, Hinged Filter Grilles** *(23 37 13 13-0214)*		
23 37 13 13-0243	SF	Up To 4 SF, 304 Stainless Steel, Hinged Filter Grille	309.07	18.18
		For 316 Stainless Steel, Add	*55.75*	
23 37 13 13-0244	SF	>4 SF, 304 Stainless Steel, Hinged Filter Grille	212.18	18.18
		For 316 Stainless Steel, Add	*36.37*	
23 37 13 13-0245		**304 Stainless Steel, Opposed Blade Dampers Grilles** *(23 37 13 13-0214)*		
23 37 13 13-0246	SF	Up To 4 SF, 304 Stainless Steel, Opposed Blade Dampers Grille	164.24	18.18
		For 316 Stainless Steel, Add	*26.79*	
23 37 13 13-0247	SF	Opposed Blade Dampers Grille, Stainless Steel 304, > 4 SF	123.93	18.18
		For 316 Stainless Steel, Add	*18.72*	
23 37 13 13-0248		**304 Stainless Steel, Plaster Frames Replacement** *(23 37 13 13-0214)*		
		Note: For frequent replacement.		
23 37 13 13-0249	SF	To 4 SF, 304 Stainless Steel, Plaster Frames Replacement	126.86	18.18
		For 316 Stainless Steel, Add	*19.31*	
23 37 13 13-0250	SF	>4 SF, 304 Stainless Steel, Plaster Frames Replacement	65.09	18.18
		For 316 Stainless Steel, Add	*6.96*	
23 37 13 13-0251		**304 Stainless Steel, Modular Louvered Ceiling Diffusers** *(23 37 13 13-0214)*		
23 37 13 13-0252	SF	Up To 4 SF, 304 Stainless Steel, Modular Louvered Ceiling Diffuser	304.40	18.18
		For 316 Stainless Steel, Add	*54.82*	
23 37 13 13-0253	SF	>4 SF, 304 Stainless Steel, Modular Louvered Ceiling Diffuser	237.09	18.18
		For 316 Stainless Steel, Add	*41.36*	
23 37 13 13-0254		**304 Stainless Steel, Latticed Supply/Return Grilles** *(23 37 13 13-0214)*		
23 37 13 13-0255	SF	Up To 4 SF, 304 Stainless Steel, Latticed Supply/Return Grille	103.50	18.18
		For 316 Stainless Steel, Add	*14.64*	
23 37 13 13-0256	SF	>4 SF, 304 Stainless Steel, Latticed Supply/Return Grille	103.50	18.18
		For 316 Stainless Steel, Add	*14.64*	
23 37 13 13-0257		**Removal And Reinstallation Of Distribution Devices** *(23 37 13 13)*		
		Note: Includes storage and cleaning. Excludes ductwork.		
23 37 13 13-0258	EA	Removal And Reinstallation Of Variable Air Volume Terminal Unit	218.14	
23 37 13 13-0259	EA	Removal And Reinstallation Of Fan Powered Variable Volume Terminal Unit	240.60	
23 37 13 13-0260	EA	Removal And Reinstallation Of Lay-in Diffuser/Register/Grille	36.06	
23 37 13 13-0261	EA	Removal And Reinstallation Of Surface Mounted Diffuser/Register/Grille	48.84	

23 37 13 43 Security Registers and Grilles *(23 37 13)*

23 37 13 43-0001 Security Supply Or Return Grille *(23 37 13 43)*

Note: Designed for maximum security applications, 3/16" steel face plate with 2" x 2" square holes, 1/4" steel backer plate, 3/16" welded steel sleeve, 10 gauge x 2 wire mesh between face and backer plates, 1" x 1" x 3/16" angle iron frame, standard finish.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 43-0002	EA	8" x 4" Steel Security Grille	304.74	17.49
		For Anchoring Tabs, Add	*26.98*	
		For Rear Operated Opposed Blade Damper, Add	*97.92*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*67.44*	
		For Stainless Steel, Add	*350.70*	
23 37 13 43-0003	EA	8" x 6" Steel Security Grille	338.61	18.07
		For Anchoring Tabs, Add	*30.25*	
		For Rear Operated Opposed Blade Damper, Add	*109.48*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*75.62*	
		For Stainless Steel, Add	*393.21*	
23 37 13 43-0004	EA	8" x 8" Steel Security Grille	388.23	20.40
		For Anchoring Tabs, Add	*34.74*	
		For Rear Operated Opposed Blade Damper, Add	*125.68*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*86.86*	
		For Stainless Steel, Add	*451.66*	
23 37 13 43-0005	EA	10" x 4" Steel Security Grille	338.02	19.81
		For Anchoring Tabs, Add	*29.84*	
		For Rear Operated Opposed Blade Damper, Add	*108.40*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*74.60*	
		For Stainless Steel, Add	*387.89*	
23 37 13 43-0006	EA	10" x 6" Steel Security Grille	360.79	20.98
		For Anchoring Tabs, Add	*31.88*	
		For Rear Operated Opposed Blade Damper, Add	*115.78*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*79.71*	
		For Stainless Steel, Add	*414.47*	
23 37 13 43-0007	EA	10" x 8" Steel Security Grille	413.33	22.73
		For Anchoring Tabs, Add	*36.79*	
		For Rear Operated Opposed Blade Damper, Add	*133.30*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*91.97*	
		For Stainless Steel, Add	*478.23*	
23 37 13 43-0008	EA	10" x 10" Steel Security Grille	461.79	24.48
		For Anchoring Tabs, Add	*41.28*	
		For Rear Operated Opposed Blade Damper, Add	*149.39*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*103.21*	
		For Stainless Steel, Add	*536.68*	
23 37 13 43-0009	EA	12" x 4" Steel Security Grille	354.94	22.15
		For Anchoring Tabs, Add	*31.06*	
		For Rear Operated Opposed Blade Damper, Add	*113.15*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*77.66*	
		For Stainless Steel, Add	*403.83*	
23 37 13 43-0010	EA	12" x 6" Steel Security Grille	396.39	24.48
		For Anchoring Tabs, Add	*34.74*	
		For Rear Operated Opposed Blade Damper, Add	*126.50*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*86.86*	
		For Stainless Steel, Add	*451.66*	
23 37 13 43-0011	EA	12" x 8" Steel Security Grille	453.03	26.23
		For Anchoring Tabs, Add	*40.06*	
		For Rear Operated Opposed Blade Damper, Add	*145.45*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*100.14*	
		For Stainless Steel, Add	*520.74*	
23 37 13 43-0012	EA	12" x 10" Steel Security Grille	493.31	27.98
		For Anchoring Tabs, Add	*43.74*	
		For Rear Operated Opposed Blade Damper, Add	*158.67*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*109.34*	
		For Stainless Steel, Add	*568.57*	
23 37 13 43-0013	EA	12" x 12" Steel Security Grille	545.85	29.72
		For Anchoring Tabs, Add	*48.64*	
		For Rear Operated Opposed Blade Damper, Add	*176.19*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*121.60*	
		For Stainless Steel, Add	*632.32*	
23 37 13 43-0014	EA	14" x 4" Steel Security Grille	378.87	23.90
		For Anchoring Tabs, Add	*33.11*	
		For Rear Operated Opposed Blade Damper, Add	*120.66*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*82.77*	
		For Stainless Steel, Add	*430.40*	
23 37 13 43-0015	EA	14" x 6" Steel Security Grille	427.33	25.64
		For Anchoring Tabs, Add	*37.60*	
		For Rear Operated Opposed Blade Damper, Add	*136.74*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*94.01*	
		For Stainless Steel, Add	*488.85*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 43-0016	EA	14" x 8" Steel Security Grille	476.96	27.98
		For Anchoring Tabs, Add	*42.10*	
		For Rear Operated Opposed Blade Damper, Add	*152.95*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*105.25*	
		For Stainless Steel, Add	*547.31*	
23 37 13 43-0017	EA	14" x 10" Steel Security Grille	538.84	30.31
		For Anchoring Tabs, Add	*47.82*	
		For Rear Operated Opposed Blade Damper, Add	*173.44*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*119.56*	
		For Stainless Steel, Add	*621.70*	
23 37 13 43-0018	EA	14" x 12" Steel Security Grille	593.72	33.23
		For Anchoring Tabs, Add	*52.73*	
		For Rear Operated Opposed Blade Damper, Add	*191.19*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*131.82*	
		For Stainless Steel, Add	*685.46*	
23 37 13 43-0019	EA	14" x 14" Steel Security Grille	639.25	35.55
		For Anchoring Tabs, Add	*56.82*	
		For Rear Operated Opposed Blade Damper, Add	*205.96*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*142.04*	
		For Stainless Steel, Add	*738.60*	
23 37 13 43-0020	EA	16" x 6" Steel Security Grille	456.52	27.98
		For Anchoring Tabs, Add	*40.06*	
		For Rear Operated Opposed Blade Damper, Add	*145.79*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*100.14*	
		For Stainless Steel, Add	*520.74*	
23 37 13 43-0021	EA	16" x 8" Steel Security Grille	522.49	30.31
		For Anchoring Tabs, Add	*46.19*	
		For Rear Operated Opposed Blade Damper, Add	*167.72*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*115.47*	
		For Stainless Steel, Add	*600.44*	
23 37 13 43-0022	EA	16" x 10" Steel Security Grille	563.94	32.64
		For Anchoring Tabs, Add	*49.87*	
		For Rear Operated Opposed Blade Damper, Add	*181.06*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*124.67*	
		For Stainless Steel, Add	*648.27*	
23 37 13 43-0023	EA	16" x 12" Steel Security Grille	636.93	34.39
		For Anchoring Tabs, Add	*56.82*	
		For Rear Operated Opposed Blade Damper, Add	*205.73*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*142.04*	
		For Stainless Steel, Add	*738.60*	
23 37 13 43-0024	EA	16" x 14" Steel Security Grille	674.29	36.72
		For Anchoring Tabs, Add	*60.09*	
		For Rear Operated Opposed Blade Damper, Add	*217.64*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*150.21*	
		For Stainless Steel, Add	*781.11*	
23 37 13 43-0025	EA	16" x 16" Steel Security Grille	732.09	39.06
		For Anchoring Tabs, Add	*65.40*	
		For Rear Operated Opposed Blade Damper, Add	*236.71*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*163.50*	
		For Stainless Steel, Add	*850.19*	
23 37 13 43-0026	EA	18" x 6" Steel Security Grille	483.96	31.47
		For Anchoring Tabs, Add	*42.10*	
		For Rear Operated Opposed Blade Damper, Add	*153.65*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*105.25*	
		For Stainless Steel, Add	*547.31*	
23 37 13 43-0027	EA	18" x 8" Steel Security Grille	554.01	33.81
		For Anchoring Tabs, Add	*48.64*	
		For Rear Operated Opposed Blade Damper, Add	*177.00*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*121.60*	
		For Stainless Steel, Add	*632.32*	
23 37 13 43-0028	EA	18" x 10" Steel Security Grille	607.72	36.14
		For Anchoring Tabs, Add	*53.55*	
		For Rear Operated Opposed Blade Damper, Add	*194.63*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*133.86*	
		For Stainless Steel, Add	*696.09*	
23 37 13 43-0029	EA	18" x 12" Steel Security Grille	669.61	38.47
		For Anchoring Tabs, Add	*59.27*	
		For Rear Operated Opposed Blade Damper, Add	*215.13*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*148.17*	
		For Stainless Steel, Add	*770.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 43-0030	EA	18" x 14" Steel Security Grille	717.50	37.89
		For Anchoring Tabs, Add	*64.17*	
		For Rear Operated Opposed Blade Damper, Add	*232.18*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*160.43*	
		For Stainless Steel, Add	*834.25*	
23 37 13 43-0031	EA	18" x 16" Steel Security Grille	786.40	39.64
		For Anchoring Tabs, Add	*70.71*	
		For Rear Operated Opposed Blade Damper, Add	*255.42*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*176.78*	
		For Stainless Steel, Add	*919.27*	
23 37 13 43-0032	EA	18" x 18" Steel Security Grille	843.02	41.38
		For Anchoring Tabs, Add	*76.03*	
		For Rear Operated Opposed Blade Damper, Add	*274.37*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*190.07*	
		For Stainless Steel, Add	*988.34*	
23 37 13 43-0033	EA	20" x 6" Steel Security Grille	518.40	34.39
		For Anchoring Tabs, Add	*44.96*	
		For Rear Operated Opposed Blade Damper, Add	*164.25*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*112.41*	
		For Stainless Steel, Add	*584.51*	
23 37 13 43-0034	EA	20" x 8" Steel Security Grille	586.70	37.89
		For Anchoring Tabs, Add	*51.09*	
		For Rear Operated Opposed Blade Damper, Add	*186.40*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*127.73*	
		For Stainless Steel, Add	*664.21*	
23 37 13 43-0035	EA	20" x 10" Steel Security Grille	647.42	39.64
		For Anchoring Tabs, Add	*56.82*	
		For Rear Operated Opposed Blade Damper, Add	*206.78*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*142.04*	
		For Stainless Steel, Add	*738.60*	
23 37 13 43-0036	EA	20" x 12" Steel Security Grille	713.39	41.97
		For Anchoring Tabs, Add	*62.95*	
		For Rear Operated Opposed Blade Damper, Add	*228.70*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*157.37*	
		For Stainless Steel, Add	*818.30*	
23 37 13 43-0037	EA	20" x 14" Steel Security Grille	786.37	43.72
		For Anchoring Tabs, Add	*69.90*	
		For Rear Operated Opposed Blade Damper, Add	*253.37*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*174.74*	
		For Stainless Steel, Add	*908.64*	
23 37 13 43-0038	EA	20" x 16" Steel Security Grille	851.18	45.47
		For Anchoring Tabs, Add	*76.03*	
		For Rear Operated Opposed Blade Damper, Add	*275.18*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*190.07*	
		For Stainless Steel, Add	*988.34*	
23 37 13 43-0039	EA	20" x 18" Steel Security Grille	911.91	47.21
		For Anchoring Tabs, Add	*81.75*	
		For Rear Operated Opposed Blade Damper, Add	*295.56*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*204.37*	
		For Stainless Steel, Add	*1,062.74*	
23 37 13 43-0040	EA	20" x 20" Steel Security Grille	984.89	48.96
		For Anchoring Tabs, Add	*88.70*	
		For Rear Operated Opposed Blade Damper, Add	*320.23*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*221.74*	
		For Stainless Steel, Add	*1,153.06*	
23 37 13 43-0041	EA	24" x 6" Steel Security Grille	575.60	38.47
		For Anchoring Tabs, Add	*49.87*	
		For Rear Operated Opposed Blade Damper, Add	*182.23*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*124.67*	
		For Stainless Steel, Add	*648.27*	
23 37 13 43-0042	EA	24" x 8" Steel Security Grille	652.07	41.97
		For Anchoring Tabs, Add	*56.82*	
		For Rear Operated Opposed Blade Damper, Add	*207.24*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*142.04*	
		For Stainless Steel, Add	*738.60*	
23 37 13 43-0043	EA	24" x 10" Steel Security Grille	715.72	43.13
		For Anchoring Tabs, Add	*62.95*	
		For Rear Operated Opposed Blade Damper, Add	*228.94*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*157.37*	
		For Stainless Steel, Add	*818.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 43-0044	EA	24" x 12" Steel Security Grille	802.71	47.79
		For Anchoring Tabs, Add	*70.71*	
		For Rear Operated Opposed Blade Damper, Add	*257.05*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*176.78*	
		For Stainless Steel, Add	*919.27*	
23 37 13 43-0045	EA	24" x 14" Steel Security Grille	867.51	49.55
		For Anchoring Tabs, Add	*76.84*	
		For Rear Operated Opposed Blade Damper, Add	*278.86*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*192.11*	
		For Stainless Steel, Add	*998.97*	
23 37 13 43-0046	EA	24" x 16" Steel Security Grille	948.67	51.29
		For Anchoring Tabs, Add	*84.61*	
		For Rear Operated Opposed Blade Damper, Add	*306.39*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*211.53*	
		For Stainless Steel, Add	*1,099.93*	
23 37 13 43-0047	EA	24" x 18" Steel Security Grille	1,042.08	53.04
		For Anchoring Tabs, Add	*93.60*	
		For Rear Operated Opposed Blade Damper, Add	*338.21*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*234.01*	
		For Stainless Steel, Add	*1,216.83*	
23 37 13 43-0048	EA	24" x 20" Steel Security Grille	1,106.88	54.79
		For Anchoring Tabs, Add	*99.73*	
		For Rear Operated Opposed Blade Damper, Add	*360.02*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*249.33*	
		For Stainless Steel, Add	*1,296.53*	
23 37 13 43-0049	EA	24" x 24" Steel Security Grille	1,244.67	58.29
		For Anchoring Tabs, Add	*112.81*	
		For Rear Operated Opposed Blade Damper, Add	*406.50*	
		For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	*0.35*	
		For 1" x 1" Square Holes On Face, Add	*282.03*	
		For Stainless Steel, Add	*1,466.57*	

23 37 23 HVAC Gravity Ventilators *(23 37)*

23 37 23 13 HVAC Gravity Dome Ventilators *(23 37 23)*

23 37 23 13-0001 Rectangular Gravity Intake/Relief Ventilator Hood *(23 37 23 13)*

Note: Includes flange base and bird screen. Excludes curb.

23 37 23 13-0002	EA	8" x 8" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,180.53	67.48
23 37 23 13-0003	EA	8" x 12" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,244.98	77.25
23 37 23 13-0004	EA	8" x 18" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,556.83	96.10
23 37 23 13-0005	EA	8" x 24" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,658.31	102.27
23 37 23 13-0006	EA	8" x 30" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,936.40	119.02
23 37 23 13-0007	EA	10" x 10" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,393.22	76.79
23 37 23 13-0008	EA	12" x 12" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,531.19	86.56
23 37 23 13-0009	EA	12" x 18" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,781.74	93.07
23 37 23 13-0010	EA	12" x 24" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,932.13	112.80
23 37 23 13-0011	EA	12" x 30" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	2,229.70	121.00
23 37 23 13-0012	EA	12" x 36" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	2,527.03	128.44
23 37 23 13-0013	EA	14" x 14" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,667.13	87.60
23 37 23 13-0014	EA	14" x 18" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	1,899.79	99.82
23 37 23 13-0015	EA	14" x 24" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	2,132.45	112.04
23 37 23 13-0016	EA	14" x 30" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	2,403.79	126.35
23 37 23 13-0017	EA	14" x 36" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	2,714.02	142.64
23 37 23 13-0018	EA	16" x 16" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	2,016.03	105.99
23 37 23 13-0019	EA	16" x 20" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	2,093.61	110.06
23 37 23 13-0020	EA	16" x 24" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	2,326.25	122.28
23 37 23 13-0021	EA	16" x 30" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	2,636.38	138.57
23 37 23 13-0022	EA	16" x 36" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	2,946.50	154.85
23 37 23 13-0023	EA	16" x 42" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	3,373.01	177.31
23 37 23 13-0024	EA	18" x 18" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	2,004.39	104.47
23 37 23 13-0025	EA	18" x 24" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	2,332.33	121.58
23 37 23 13-0026	EA	18" x 30" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	2,660.40	138.69
23 37 23 13-0027	EA	18" x 36" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	3,024.80	157.64
23 37 23 13-0028	EA	18" x 42" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	3,352.76	174.74
23 37 23 13-0029	EA	20" x 20" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	2,102.24	115.88
23 37 23 13-0030	EA	20" x 24" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	2,377.88	131.12
23 37 23 13-0031	EA	20" x 30" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	2,653.64	146.24
23 37 23 13-0032	EA	20" x 36" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	3,067.21	169.04
23 37 23 13-0033	EA	20" x 42" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	3,377.33	186.16
23 37 23 13-0034	EA	24" x 24" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	2,646.96	155.79
23 37 23 13-0035	EA	24" x 30" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	2,937.46	172.89
23 37 23 13-0036	EA	24" x 36" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	3,357.14	197.56
23 37 23 13-0037	EA	24" x 42" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	3,679.91	216.52
23 37 23 13-0038	EA	24" x 48" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	4,035.00	237.46
23 37 23 13-0039	EA	30" x 30" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	3,187.82	177.31
23 37 23 13-0040	EA	30" x 36" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	3,512.50	195.34
23 37 23 13-0041	EA	30" x 42" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	3,866.80	215.00

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 23 13-0042	EA	30" x 48" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	4,220.97	234.78
23 37 23 13-0043	EA	30" x 54" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	5,135.95	285.62
23 37 23 13-0044	EA	30" x 60" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	5,490.25	305.28
23 37 23 13-0045	EA	36" x 36" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	3,671.58	220.01
23 37 23 13-0046	EA	36" x 42" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	4,027.72	241.30
23 37 23 13-0047	EA	36" x 48" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	4,822.30	288.89
23 37 23 13-0048	EA	36" x 54" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	5,370.25	321.69
23 37 23 13-0049	EA	36" x 60" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	5,699.12	341.47
23 37 23 13-0050	EA	36" x 66" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	6,137.47	367.65
23 37 23 13-0051	EA	36" x 72" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	6,904.69	413.60
23 37 23 13-0052	EA	42" x 42" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	4,385.36	246.30
23 37 23 13-0053	EA	42" x 48" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	5,444.70	305.76
23 37 23 13-0054	EA	42" x 54" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	6,208.49	348.68
23 37 23 13-0055	EA	42" x 60" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	6,430.15	361.13
23 37 23 13-0056	EA	42" x 66" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	7,169.27	402.56
23 37 23 13-0057	EA	42" x 72" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	7,883.71	442.69
23 37 23 13-0058	EA	48" x 48" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	5,780.94	355.55
23 37 23 13-0059	EA	48" x 54" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	6,253.41	384.64
23 37 23 13-0060	EA	48" x 60" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	6,725.74	413.72
23 37 23 13-0061	EA	48" x 66" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	7,468.04	459.33
23 37 23 13-0062	EA	48" x 72" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	7,913.90	465.37
23 37 23 13-0063	EA	54" x 54" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	6,714.03	400.80
23 37 23 13-0064	EA	54" x 60" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	7,531.18	449.55
23 37 23 13-0065	EA	54" x 66" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	8,171.73	487.83
23 37 23 13-0066	EA	54" x 72" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	8,701.68	519.48
23 37 23 13-0067	EA	60" x 60" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	8,368.77	499.00
23 37 23 13-0068	EA	60" x 66" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	8,786.09	531.93
23 37 23 13-0069	EA	60" x 72" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	9,417.80	572.76
23 37 23 13-0070	EA	66" x 66" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	8,770.64	575.44
23 37 23 13-0071	EA	66" x 72" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	10,256.24	672.93
23 37 23 13-0072	EA	72" x 72" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	10,595.95	620.47

23 38 Ventilation Hoods *(23 30)*

23 38 13 Commercial-Kitchen Hoods *(23 38)*

23 38 13 16 Standard Commercial-Kitchen Hoods *(23 38 13)*

23 38 13 16-0001 Stainless Steel Exhaust Hood Material *(23 38 13 16)*

Note: Welded seams.

23 38 13 16-0002	SF	16 Gauge, Type 304, Stainless Steel Exhaust Hood Material	48.77	16.05
		For Type 316 Stainless Steel, Add	*1.55*	
23 38 13 16-0003	SF	14 Gauge, Type 304, Stainless Steel Exhaust Hood Material	60.96	21.40
		For Type 316 Stainless Steel, Add	*1.93*	
23 38 13 16-0004	SF	12 Gauge, Type 304, Stainless Steel Exhaust Hood Material	84.67	28.89
		For Type 316 Stainless Steel, Add	*2.70*	
23 38 13 16-0005	SF	10 Gauge, Type 304, Stainless Steel Exhaust Hood Material	106.11	35.31
		For Type 316 Stainless Steel, Add	*3.48*	

23 40 HVAC Air Cleaning Devices *(23)*

23 41 Particulate Air Filtration *(23 40)*

23 41 13 Panel Air Filters *(23 41)*

23 41 13 00-0001 Disposable Air Filters *(23 41 13)*

23 41 13 00-0002	EA	Throwaway Glass Or Paper Media Filter, Residential	12.91

23 41 13 00-0003 Electrostatic Air Filters With Frame, Element And Busbar *(23 41 13)*

23 41 13 00-0004	MF3	Electrostatic Air Filter, High Efficiency Non-Supported With Frame, Element And Busbar	70.60
23 41 13 00-0005	MF3	Electrostatic Air Filter, Medium Efficiency Non-Supported With Frame, Element And Busbar	68.19
23 41 13 00-0006	MF3	Electrostatic Air Filter, Glass/Paper Throwaway With Frame, Element And Busbar	2.94

23 41 16 Renewable-Media Air Filters *(23 41)*

23 41 16 00-0001 Renewable-Media Electrostatic Air Filters With Frame, Element And Busbar *(23 41 16)*

23 41 16 00-0002	MF3	Electrostatic Air Filter, 5' Disposable Roll Renewable With Frame, Element And Busbar	121.49

23 41 19 Washable Air Filters *(23 41)*

23 41 19 00-0001 Washable Electrostatic Air Filters With Frame, Element And Busbar *(23 41 19)*

23 41 19 00-0002	MF3	Electrostatic Air Filter, Permanent, Washable With Frame, Element And Busbar	46.39

23 41 33 High-Efficiency Particulate Filtration *(23 41)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 41 33 00-0001		**High Efficiency Particulate Air (HEPA) Filters** *(23 41 33)* Note: Includes particle board and kraft paper frame and separator material. See CSI section 23 41 13 00-0000 for prefilters.		
23 41 33 00-0002		**High Efficiency Particulate Air (HEPA) Filters DOP Efficiency-95%** *(23 41 33 00-0001)*		
23 41 33 00-0003	EA	12" x 12" x 6", High Efficiency Particulate Air (HEPA) Filter, 95% DOP Efficiency, 150 CFM, Complete	124.65	16.32
		For Removal And Replacement In Existing Equipment, Add	*3.26*	
		For >10 To 25, Deduct	*-3.12*	
		For >25 To 50, Deduct	*-6.23*	
		For >50 To 100, Deduct	*-9.35*	
		For >100, Deduct	*-12.47*	
23 41 33 00-0004	EA	24" x 12" x 6", High Efficiency Particulate Air (HEPA) Filter, 95% DOP Efficiency, 375 CFM, Complete	165.73	18.66
		For Removal And Replacement In Existing Equipment, Add	*3.73*	
		For >10 To 25, Deduct	*-4.14*	
		For >25 To 50, Deduct	*-8.29*	
		For >50 To 100, Deduct	*-12.43*	
		For >100, Deduct	*-16.57*	
23 41 33 00-0005	EA	24" x 18" x 6", High Efficiency Particulate Air (HEPA) Filter, 95% DOP Efficiency, 450 CFM, Complete	193.97	21.57
		For Removal And Replacement In Existing Equipment, Add	*4.31*	
		For >10 To 25, Deduct	*-4.85*	
		For >25 To 50, Deduct	*-9.70*	
		For >50 To 100, Deduct	*-14.55*	
		For >100, Deduct	*-19.40*	
23 41 33 00-0006	EA	24" x 24" x 6", High Efficiency Particulate Air (HEPA) Filter, 95% DOP Efficiency, 700 CFM, Complete	222.24	24.48
		For Removal And Replacement In Existing Equipment, Add	*4.90*	
		For >10 To 25, Deduct	*-5.56*	
		For >25 To 50, Deduct	*-11.11*	
		For >50 To 100, Deduct	*-16.67*	
		For >100, Deduct	*-22.22*	
23 41 33 00-0007	EA	12" x 12" x 12", High Efficiency Particulate Air (HEPA) Filter, 95% DOP Efficiency, 250 CFM, Complete	151.87	17.49
		For Removal And Replacement In Existing Equipment, Add	*3.50*	
		For >10 To 25, Deduct	*-3.80*	
		For >25 To 50, Deduct	*-7.59*	
		For >50 To 100, Deduct	*-11.39*	
		For >100, Deduct	*-15.19*	
23 41 33 00-0008	EA	24" x 12" x 12", High Efficiency Particulate Air (HEPA) Filter, 95% DOP Efficiency, 500 CFM, Complete	203.96	20.40
		For Removal And Replacement In Existing Equipment, Add	*4.08*	
		For >10 To 25, Deduct	*-5.10*	
		For >25 To 50, Deduct	*-10.20*	
		For >50 To 100, Deduct	*-15.30*	
		For >100, Deduct	*-20.40*	
23 41 33 00-0009	EA	24" x 18" x 12", High Efficiency Particulate Air (HEPA) Filter, 95% DOP Efficiency, 875 CFM, Complete	243.80	23.32
		For Removal And Replacement In Existing Equipment, Add	*4.66*	
		For >10 To 25, Deduct	*-6.10*	
		For >25 To 50, Deduct	*-12.19*	
		For >50 To 100, Deduct	*-18.29*	
		For >100, Deduct	*-24.38*	
23 41 33 00-0010	EA	24" x 24" x 12", High Efficiency Particulate Air (HEPA) Filter, 95% DOP Efficiency, 1,000 CFM, Complete	289.46	29.15
		For Removal And Replacement In Existing Equipment, Add	*5.83*	
		For >10 To 25, Deduct	*-7.24*	
		For >25 To 50, Deduct	*-14.47*	
		For >50 To 100, Deduct	*-21.71*	
		For >100, Deduct	*-28.95*	
23 41 33 00-0011		**High Efficiency Particulate Air (HEPA) Filters DOP Efficiency-99.99%** *(23 41 33 00-0001)*		
23 41 33 00-0012	EA	12" x 12" x 3", High Efficiency Particulate Air (HEPA) Filter, 99.99% DOP Efficiency, Complete	106.80	14.57
		For Removal And Replacement In Existing Equipment, Add	*2.92*	
		For >10 To 25, Deduct	*-2.67*	
		For >25 To 50, Deduct	*-5.34*	
		For >50 To 100, Deduct	*-8.01*	
		For >100, Deduct	*-10.68*	
23 41 33 00-0013	EA	24" x 12" x 3", High Efficiency Particulate Air (HEPA) Filter, 99.99% DOP Efficiency, Complete	147.80	17.49
		For Removal And Replacement In Existing Equipment, Add	*3.50*	
		For >10 To 25, Deduct	*-3.70*	
		For >25 To 50, Deduct	*-7.39*	
		For >50 To 100, Deduct	*-11.09*	
		For >100, Deduct	*-14.78*	
23 41 33 00-0014	EA	24" x 24" x 3", High Efficiency Particulate Air (HEPA) Filter, 99.99% DOP Efficiency, Complete	226.19	20.40
		For Removal And Replacement In Existing Equipment, Add	*4.08*	
		For >10 To 25, Deduct	*-5.65*	
		For >25 To 50, Deduct	*-11.31*	
		For >50 To 100, Deduct	*-16.96*	
		For >100, Deduct	*-22.62*	
23 41 33 00-0015	EA	36" x 24" x 3", High Efficiency Particulate Air (HEPA) Filter, 99.99% DOP Efficiency, Complete	290.83	23.32
		For Removal And Replacement In Existing Equipment, Add	*4.66*	
		For >10 To 25, Deduct	*-7.27*	
		For >25 To 50, Deduct	*-14.54*	
		For >50 To 100, Deduct	*-21.81*	
		For >100, Deduct	*-29.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 41 33 00-0016	EA	8" x 8" x 6", High Efficiency Particulate Air (HEPA) Filter, 99.99% DOP Efficiency, Complete	100.90	11.66
		For Removal And Replacement In Existing Equipment, Add	*2.33*	
		For >10 To 25, Deduct	*-2.52*	
		For >25 To 50, Deduct	*-5.05*	
		For >50 To 100, Deduct	*-7.57*	
		For >100, Deduct	*-10.09*	
23 41 33 00-0017	EA	12" x 12" x 6", High Efficiency Particulate Air (HEPA) Filter, 99.99% DOP Efficiency, 150 CFM, Complete	133.71	15.74
		For Removal And Replacement In Existing Equipment, Add	*3.15*	
		For >10 To 25, Deduct	*-3.34*	
		For >25 To 50, Deduct	*-6.69*	
		For >50 To 100, Deduct	*-10.03*	
		For >100, Deduct	*-13.37*	
23 41 33 00-0018	EA	24" x 12" x 6", High Efficiency Particulate Air (HEPA) Filter, 99.99% DOP Efficiency, 325 CFM, Complete	180.00	18.66
		For Removal And Replacement In Existing Equipment, Add	*3.73*	
		For >10 To 25, Deduct	*-4.50*	
		For >25 To 50, Deduct	*-9.00*	
		For >50 To 100, Deduct	*-13.50*	
		For >100, Deduct	*-18.00*	
23 41 33 00-0019	EA	24" x 18" x 6", High Efficiency Particulate Air (HEPA) Filter, 99.99% DOP Efficiency, 550 CFM, Complete	211.33	21.86
		For Removal And Replacement In Existing Equipment, Add	*4.37*	
		For >10 To 25, Deduct	*-5.28*	
		For >25 To 50, Deduct	*-10.57*	
		For >50 To 100, Deduct	*-15.85*	
		For >100, Deduct	*-21.13*	
23 41 33 00-0020	EA	24" x 24" x 6", High Efficiency Particulate Air (HEPA) Filter, 99.99% DOP Efficiency, 775 CFM, Complete	241.49	24.48
		For Removal And Replacement In Existing Equipment, Add	*4.90*	
		For >10 To 25, Deduct	*-6.04*	
		For >25 To 50, Deduct	*-12.07*	
		For >50 To 100, Deduct	*-18.11*	
		For >100, Deduct	*-24.15*	
23 41 33 00-0021	EA	12" x 12" x 12", High Efficiency Particulate Air (HEPA) Filter, 99.99% DOP Efficiency, 250 CFM, Complete	164.85	17.49
		For Removal And Replacement In Existing Equipment, Add	*3.50*	
		For >10 To 25, Deduct	*-4.12*	
		For >25 To 50, Deduct	*-8.24*	
		For >50 To 100, Deduct	*-12.36*	
		For >100, Deduct	*-16.49*	
23 41 33 00-0022	EA	24" x 12" x 12", High Efficiency Particulate Air (HEPA) Filter, 99.99% DOP Efficiency, 500 CFM, Complete	222.10	20.40
		For Removal And Replacement In Existing Equipment, Add	*4.08*	
		For >10 To 25, Deduct	*-5.55*	
		For >25 To 50, Deduct	*-11.11*	
		For >50 To 100, Deduct	*-16.66*	
		For >100, Deduct	*-22.21*	
23 41 33 00-0023	EA	24" x 18" x 12", High Efficiency Particulate Air (HEPA) Filter, 99.99% DOP Efficiency, 775 CFM, Complete	265.70	23.32
		For Removal And Replacement In Existing Equipment, Add	*4.66*	
		For >10 To 25, Deduct	*-6.64*	
		For >25 To 50, Deduct	*-13.29*	
		For >50 To 100, Deduct	*-19.93*	
		For >100, Deduct	*-26.57*	
23 41 33 00-0024	EA	24" x 24" x 12", High Efficiency Particulate Air (HEPA) Filter, 99.99% DOP Efficiency, 1,100 CFM, Complete	327.37	29.15
		For Removal And Replacement In Existing Equipment, Add	*5.83*	
		For >10 To 25, Deduct	*-8.18*	
		For >25 To 50, Deduct	*-16.37*	
		For >50 To 100, Deduct	*-24.55*	
		For >100, Deduct	*-32.74*	

23 41 33 00-0025 High Efficiency Particulate Air (HEPA) Filter Housings, 14 Gauge Galvanized Sheet Metal *(23 41 33)*

Note: Nominal sizes.

23 41 33 00-0026	EA	12" x 12" x 6", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal	304.87	86.97
23 41 33 00-0027	EA	24" x 12" x 6", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal	568.33	172.86
23 41 33 00-0028	EA	24" x 18" x 6", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal	577.20	172.86
23 41 33 00-0029	EA	24" x 24" x 6", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal	583.11	172.86
23 41 33 00-0030	EA	24" x 48" x 6", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal	624.51	172.86
23 41 33 00-0031	EA	24" x 72" x 6", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal	676.26	172.86
23 41 33 00-0032	EA	48" x 48" x 6", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal	1,101.17	346.81
23 41 33 00-0033	EA	48" x 72" x 6", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal	1,226.84	346.81
23 41 33 00-0034	EA	48" x 96" x 6", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal	1,386.52	346.81
23 41 33 00-0035	EA	12" x 12" x 12", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal	330.00	86.97
23 41 33 00-0036	EA	24" x 12" x 12", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal	611.20	172.86
23 41 33 00-0037	EA	24" x 18" x 12", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal	621.55	172.86
23 41 33 00-0038	EA	24" x 24" x 12", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal	628.95	172.86
23 41 33 00-0039	EA	24" x 48" x 12", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal	677.74	172.86
23 41 33 00-0040	EA	24" x 72" x 12", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal	742.79	172.86
23 41 33 00-0041	EA	48" x 48" x 12", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal	1,204.66	346.81
23 41 33 00-0042	EA	48" x 72" x 12", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal	1,361.39	346.81
23 41 33 00-0043	EA	48" x 96" x 12", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal	1,559.51	346.81

23 41 33 00-0044 Filter, Bag Type, 90-95% Efficiency *(23 41 33)*

23 41 33 00-0045	EA	0.75 - 1.25 MCFM, 24" x 12" x 29" Filter, Bag Type, 90 - 95% Efficiency	269.57	112.74
23 41 33 00-0046	EA	1.5 - 2.5 MCFM, 24" x 24" x 29" Filter, Bag Type, 90 - 95% Efficiency	310.94	112.74

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 41 33 00-0047		Filter, Bag Type, 80-85% Efficiency *(23 41 33)*		
23 41 33 00-0048	EA	0.75 - 1.25 MCFM, 24" x 12" x 29" Filter, Bag Type, 80 - 85% Efficiency	264.82	112.74
23 41 33 00-0049	EA	1.5 - 2.5 MCFM, 24" x 24" x 29" Filter, Bag Type, 80 - 85% Efficiency	295.34	112.74

23 42 Gas-Phase Air Filtration *(23 40)*

23 42 13 Activated-Carbon Air Filtration *(23 42)*

23 42 13 00-0001	EA	12" x 24" x 1" Thick Activated Carbon Honeycomb Disposable Filter	44.95	8.74
23 42 13 00-0002	EA	16" x 20" x 1" Thick Activated Carbon Honeycomb Disposable Filter	45.46	8.74
23 42 13 00-0003	EA	16" x 25" x 1" Thick Activated Carbon Honeycomb Disposable Filter	45.78	8.74
23 42 13 00-0004	EA	20" x 20" x 1" Thick Activated Carbon Honeycomb Disposable Filter	45.78	8.74
23 42 13 00-0005	EA	20" x 25" x 1" Thick Activated Carbon Honeycomb Disposable Filter	49.66	8.74
23 42 13 00-0006	EA	24" x 24" x 1" Thick Activated Carbon Honeycomb Disposable Filter	56.03	8.74
23 42 13 00-0007	EA	12" x 24" x 2" Thick Activated Carbon Honeycomb Disposable Filter	56.82	9.91
23 42 13 00-0008	EA	16" x 20" x 2" Thick Activated Carbon Honeycomb Disposable Filter	57.25	9.91
23 42 13 00-0009	EA	16" x 25" x 2" Thick Activated Carbon Honeycomb Disposable Filter	57.62	9.91
23 42 13 00-0010	EA	20" x 20" x 2" Thick Activated Carbon Honeycomb Disposable Filter	57.62	9.91
23 42 13 00-0011	EA	20" x 25" x 2" Thick Activated Carbon Honeycomb Disposable Filter	61.91	9.91
23 42 13 00-0012	EA	24" x 24" x 2" Thick Activated Carbon Honeycomb Disposable Filter	73.86	9.91
23 42 13 00-0013	EA	16" x 20" x 1" Thick Carbon Impregnated Pleated Air Filter	27.21	8.74
23 42 13 00-0014	EA	16" x 25" x 1" Thick Carbon Impregnated Pleated Air Filter	29.05	8.74
23 42 13 00-0015	EA	20" x 20" x 1" Thick Carbon Impregnated Pleated Air Filter	29.12	8.74
23 42 13 00-0016	EA	20" x 25" x 1" Thick Carbon Impregnated Pleated Air Filter	31.53	8.74
23 42 13 00-0017	EA	24" x 24" x 1" Thick Carbon Impregnated Pleated Air Filter	33.68	8.74
23 42 13 00-0018	EA	16" x 20" x 2" Thick Carbon Impregnated Pleated Air Filter	31.51	9.91
23 42 13 00-0019	EA	16" x 25" x 2" Thick Carbon Impregnated Pleated Air Filter	34.72	9.91
23 42 13 00-0020	EA	20" x 20" x 2" Thick Carbon Impregnated Pleated Air Filter	35.40	9.91
23 42 13 00-0021	EA	20" x 25" x 2" Thick Carbon Impregnated Pleated Air Filter	39.39	9.91
23 42 13 00-0022	EA	24" x 24" x 2" Thick Carbon Impregnated Pleated Air Filter	41.93	9.91
23 42 13 00-0023	EA	24" x 24" x 4" Thick Carbon Impregnated Pleated Air Filter	69.30	10.49

23 43 Electronic Air Cleaners *(23 40)*

23 43 23 Self-Contained Electronic Air Cleaners *(23 43)*

23 43 23 00-0001		Stationary Floor, Room Air Purifier *(23 43 23)*		
23 43 23 00-0002	EA	Stationary Floor Room Air Purifier, Up to 390 SF (Blueair Pro M)	1,134.31	
23 43 23 00-0003	EA	Stationary Floor Room Air Purifier, Up to 780 SF (Blueair Pro L)	1,577.47	
23 43 23 00-0004	EA	Stationary Floor Room Air Purifier, Up to 1,180 SF (Blueair Pro XL)	3,983.17	
23 43 23 00-0005	EA	Stationary Floor Room Air Purifier, Up to 550 SF (Delos Compact)	895.34	
23 43 23 00-0006	EA	Stationary Floor Room Air Purifier, Up to 1,125 SF (Delos 468 Ultrafine)	1,607.56	
23 43 23 00-0007	EA	Stationary Floor Room Air Purifier, Up to 3,500 SF (Delos 980P Commercial)	6,355.66	
23 43 23 00-0008		Surface Mounted, Room Air Purifier *(23 43 23)*		
23 43 23 00-0009	EA	Ceiling Mount Media Air Cleaner With 99.97% HEPA Filters (Honeywell F114A1067)	2,870.55	
23 43 23 00-0010	EA	Ceiling Mount Media Air Cleaner With 99.97% HEPA Filters (Honeywell F115A1064)	4,015.55	
23 43 23 00-0011	EA	Ceiling Mount Media Air Cleaner With 99.97% HEPA Filters (Honeywell F111A1063W-3S)	4,598.86	
23 43 23 00-0012		Suspension Ceiling Mounted, Room Air Purifier *(23 43 23)*		
23 43 23 00-0013	EA	2' x 4' Suspension Ceiling Mounted, Air Purification System (Armstrong VidaShield UV24)	3,730.00	

23 50 Central Heating Equipment *(23)*

Note: Where required, mechanical equipment excludes electrical connection, disconnect, or starter unless title states otherwise. See CSI section 26 05 19 16-0010 for electrical connection and termination, 26 05 83 00-0001 for terminations, 26 28 16 16-0001 for disconnect.

23 51 Breechings, Chimneys, and Stacks *(23 50)*

23 51 13 Draft Control Devices *(23 51)*

23 51 13 13 Draft-Induction Fans *(23 51 13)*

23 51 13 13-0001		Vertical Discharge Fans *(23 51 13 13)* Note: Includes chimney adapter. Excludes wiring.		
23 51 13 13-0002		Axial Vane Vertical Discharge Fans *(23 51 13 13-0001)*		
23 51 13 13-0003	EA	450 CFM Vertical Discharge Chimney Fan, Axial Vane	3,673.01	236.22
23 51 13 13-0004	EA	950 CFM Vertical Discharge Chimney Fan, Axial Vane	4,167.77	257.69
23 51 13 13-0005	EA	1,400 CFM Vertical Discharge Chimney Fan, Axial Vane	5,012.12	284.54
23 51 13 13-0006	EA	1,800 CFM Vertical Discharge Chimney Fan, Axial Vane	6,565.73	330.17
23 51 13 13-0007		Centrifugal Impeller Vertical Discharge Fans *(23 51 13 13-0001)*		
23 51 13 13-0008	EA	700 CFM Vertical Discharge Chimney Fan, Centrifugal Impeller	4,425.15	257.69
23 51 13 13-0009	EA	1,100 CFM Vertical Discharge Chimney Fan, Centrifugal Impeller	5,407.58	284.54
23 51 13 13-0010	EA	2,300 CFM Vertical Discharge Chimney Fan, Centrifugal Impeller	7,035.52	332.85

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 13 13-0011	EA	3,000 CFM Vertical Discharge Chimney Fan, Centrifugal Impeller	8,339.79	373.11
23 51 13 13-0012		Accessories For Vertical Discharge Fans *(23 51 13 13-0001)*		
23 51 13 13-0013	EA	Modulating Fan Controller And Sensor	499.94	80.53
23 51 13 16		**Vent Dampers** *(23 51 13)*		
23 51 13 16-0001		Flue Shutter Draft Control Damper, Parallel Blade *(23 51 13 16)*		
23 51 13 16-0002	EA	3" Round Flue Shutter Draft Control Damper	987.70	47.68
23 51 13 16-0003	EA	4" Round Flue Shutter Draft Control Damper	1,084.09	50.57
23 51 13 16-0004	EA	5" Round Flue Shutter Draft Control Damper	1,198.26	53.68
23 51 13 16-0005	EA	6" Round Flue Shutter Draft Control Damper	1,280.28	57.25
23 51 13 16-0006	EA	7" Round Flue Shutter Draft Control Damper	1,398.57	61.33
23 51 13 16-0007	EA	8" Round Flue Shutter Draft Control Damper	1,485.14	66.03
23 51 13 16-0008	EA	10" Round Flue Shutter Draft Control Damper	1,642.91	71.60
23 51 13 16-0009	EA	12" Round Flue Shutter Draft Control Damper	1,804.37	78.08
23 51 13 16-0010	EA	14" Round Flue Shutter Draft Control Damper	2,023.46	81.87
23 51 13 16-0011	EA	16" Round Flue Shutter Draft Control Damper	2,175.09	85.89
23 51 13 16-0012	EA	18" Round Flue Shutter Draft Control Damper	2,378.78	90.20
23 51 13 16-0013	EA	20" Round Flue Shutter Draft Control Damper	2,792.51	142.81
23 51 13 16-0014	EA	22" Round Flue Shutter Draft Control Damper	3,065.43	151.67
23 51 13 16-0015	EA	24" Round Flue Shutter Draft Control Damper	3,323.72	161.06
23 51 13 16-0016	EA	26" Round Flue Shutter Draft Control Damper	3,378.75	166.43
23 51 13 16-0017	EA	28" Round Flue Shutter Draft Control Damper	3,485.09	171.80
23 51 13 16-0018	EA	30" Round Flue Shutter Draft Control Damper	3,578.96	182.54
23 51 13 16-0019	EA	32" Round Flue Shutter Draft Control Damper	3,736.35	187.78
23 51 13 16-0020	EA	34" Round Flue Shutter Draft Control Damper	3,897.53	198.52
23 51 13 16-0021	EA	36" Round Flue Shutter Draft Control Damper	4,080.88	214.75
23 51 13 16-0022	EA	38" Round Flue Shutter Draft Control Damper	4,289.38	222.12
23 51 13 16-0023	EA	40" Round Flue Shutter Draft Control Damper	4,483.61	225.48
23 51 13 16-0024	EA	42" Round Flue Shutter Draft Control Damper	4,704.03	236.22
23 51 13 16-0025	EA	44" Round Flue Shutter Draft Control Damper	4,925.76	246.96
23 51 13 16-0026	EA	46" Round Flue Shutter Draft Control Damper	5,148.10	257.69
23 51 13 16-0027	EA	48" Round Flue Shutter Draft Control Damper	5,369.49	268.43
23 51 13 19		**Barometric Dampers** *(23 51 13)*		
23 51 13 19-0001		Barometric Dampers *(23 51 13 19)*		
23 51 13 19-0002	EA	6" x 6" Barometric Damper	461.41	9.31
23 51 13 19-0003	EA	12" x 12" Barometric Damper	667.81	12.80
23 51 13 19-0004	EA	18" x 18" Barometric Damper	893.84	19.78
23 51 13 19-0005	EA	24" x 24" Barometric Damper	1,064.43	37.24
23 51 13 19-0006	EA	6" Diameter Barometric Damper	224.87	9.31
		For Stainless Steel, Add	*245.39*	
23 51 13 19-0007	EA	7" Diameter Barometric Damper	266.15	10.47
		For Stainless Steel, Add	*291.54*	
23 51 13 19-0008	EA	8" Diameter Barometric Damper	308.79	11.63
		For Stainless Steel, Add	*338.10*	
23 51 13 19-0009	EA	9" Diameter Barometric Damper	380.64	11.63
		For Stainless Steel, Add	*428.29*	
23 51 13 19-0010	EA	10" Diameter Barometric Damper	502.54	13.96
		For Stainless Steel, Add	*583.49*	
23 51 13 19-0011	EA	12" Diameter Barometric Damper	638.72	15.13
		For Stainless Steel, Add	*752.54*	
23 51 13 19-0012	EA	14" Diameter Barometric Damper	803.73	16.29
		For Stainless Steel, Add	*959.76*	
23 51 13 19-0013	EA	15" Diameter Barometric Damper	959.57	17.45
		For Stainless Steel, Add	*1,153.57*	
23 51 13 19-0014	EA	16" Diameter Barometric Damper	1,113.67	19.78
		For Stainless Steel, Add	*1,346.94*	
23 51 13 19-0015	EA	18" Diameter Barometric Damper	1,468.05	20.94
		For Stainless Steel, Add	*1,799.56*	
23 51 13 19-0016	EA	20" Diameter Barometric Damper	1,747.99	23.27
		For Stainless Steel, Add	*2,154.02*	
23 51 13 19-0017	EA	24" Diameter Barometric Damper	2,108.68	23.27
		For Stainless Steel, Add	*2,617.54*	
23 51 13 19-0018	EA	30" Diameter Barometric Damper	2,600.60	26.76
		For Stainless Steel, Add	*3,244.66*	
23 51 13 19-0019	EA	36" Diameter Barometric Damper	3,319.22	27.92
		For Stainless Steel, Add	*4,171.70*	
23 51 16		**Fabricated Breechings and Accessories** *(23 51)*		
23 51 16 00-0001		Round Galvanized Double Wall Flue/Vent Pipe And Fittings *(23 51 16)*		
23 51 16 00-0002		Round Galvanized Double Wall Flue/Vent Pipe *(23 51 16 00-0001)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0003	LF	3" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe Note: 0.012" (inner wall) and 0.018" (outer wall) material thickness	30.84	9.55
		For Aluminum Liner, Add	*0.39*	
		For 304 Stainless Steel Liner, Add	*0.53*	
		For 2" Wall Instead Of 1", Add	*4.48*	
		For 3" To 4" Wall Instead Of 1", Add	*7.92*	
23 51 16 00-0004	LF	4" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe Note: 0.012" (inner wall) and 0.018" (outer wall) material thickness	33.21	10.10
		For Aluminum Liner, Add	*0.47*	
		For 304 Stainless Steel Liner, Add	*0.64*	
		For 2" Wall Instead Of 1", Add	*5.04*	
		For 3" To 4" Wall Instead Of 1", Add	*8.79*	
23 51 16 00-0005	LF	5" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe Note: 0.012" (inner wall) and 0.018" (outer wall) material thickness	36.74	10.74
		For Aluminum Liner, Add	*0.56*	
		For 304 Stainless Steel Liner, Add	*0.76*	
		For 2" Wall Instead Of 1", Add	*5.71*	
		For 3" To 4" Wall Instead Of 1", Add	*9.89*	
23 51 16 00-0006	LF	6" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe Note: 0.012" (inner wall) and 0.018" (outer wall) material thickness	40.12	11.49
		For Aluminum Liner, Add	*0.65*	
		For 304 Stainless Steel Liner, Add	*0.89*	
		For 2" Wall Instead Of 1", Add	*6.37*	
		For 3" To 4" Wall Instead Of 1", Add	*10.98*	
23 51 16 00-0007	LF	7" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe Note: 0.014" (inner wall) and 0.018" (outer wall) material thickness	47.41	12.24
		For Aluminum Liner, Add	*0.96*	
		For 304 Stainless Steel Liner, Add	*1.31*	
		For 2" Wall Instead Of 1", Add	*8.22*	
		For 3" To 4" Wall Instead Of 1", Add	*13.83*	
23 51 16 00-0008	LF	8" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe Note: 0.014" (inner wall) and 0.018" (outer wall) material thickness	52.71	13.21
		For Aluminum Liner, Add	*1.07*	
		For 304 Stainless Steel Liner, Add	*1.45*	
		For 2" Wall Instead Of 1", Add	*9.15*	
		For 3" To 4" Wall Instead Of 1", Add	*15.38*	
23 51 16 00-0009	LF	10" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe Note: 0.014" (inner wall) and 0.018" (outer wall) material thickness	76.96	14.18
		For Aluminum Liner, Add	*2.25*	
		For 304 Stainless Steel Liner, Add	*3.07*	
		For 2" Wall Instead Of 1", Add	*15.88*	
		For 3" To 4" Wall Instead Of 1", Add	*25.62*	
23 51 16 00-0010	LF	12" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe Note: 0.014" (inner wall) and 0.018" (outer wall) material thickness	93.97	15.68
		For Aluminum Liner, Add	*3.02*	
		For 304 Stainless Steel Liner, Add	*4.12*	
		For 2" Wall Instead Of 1", Add	*20.38*	
		For 3" To 4" Wall Instead Of 1", Add	*32.52*	
23 51 16 00-0011	LF	14" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe Note: 0.014" (inner wall) and 0.018" (outer wall) material thickness	133.08	16.32
		For Aluminum Liner, Add	*5.07*	
		For 304 Stainless Steel Liner, Add	*6.91*	
		For 2" Wall Instead Of 1", Add	*31.74*	
		For 3" To 4" Wall Instead Of 1", Add	*49.66*	
23 51 16 00-0012	LF	16" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe Note: 0.014" (inner wall) and 0.018" (outer wall) material thickness	167.03	17.18
		For Aluminum Liner, Add	*6.83*	
		For 304 Stainless Steel Liner, Add	*9.32*	
		For 2" Wall Instead Of 1", Add	*41.56*	
		For 3" To 4" Wall Instead Of 1", Add	*64.47*	
23 51 16 00-0013	LF	18" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe Note: 0.014" (inner wall) and 0.018" (outer wall) material thickness	206.08	18.04
		For Aluminum Liner, Add	*8.83*	
		For 304 Stainless Steel Liner, Add	*12.04*	
		For 2" Wall Instead Of 1", Add	*52.71*	
		For 3" To 4" Wall Instead Of 1", Add	*81.35*	
23 51 16 00-0014	LF	20" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe Note: 0.022" (inner wall) and 0.018" (outer wall) material thickness	261.28	28.66
		For Aluminum Liner, Add	*10.48*	
		For 304 Stainless Steel Liner, Add	*14.29*	
		For 2" Wall Instead Of 1", Add	*64.24*	
		For 3" To 4" Wall Instead Of 1", Add	*99.89*	
23 51 16 00-0015	LF	22" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe Note: 0.022" (inner wall) and 0.018" (outer wall) material thickness	316.67	30.28
		For Aluminum Liner, Add	*13.21*	
		For 304 Stainless Steel Liner, Add	*18.02*	
		For 2" Wall Instead Of 1", Add	*79.72*	
		For 3" To 4" Wall Instead Of 1", Add	*123.40*	
23 51 16 00-0016	LF	24" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe Note: 0.022" (inner wall) and 0.018" (outer wall) material thickness	377.36	32.21
		For Aluminum Liner, Add	*16.29*	
		For 304 Stainless Steel Liner, Add	*22.21*	
		For 2" Wall Instead Of 1", Add	*96.97*	
		For 3" To 4" Wall Instead Of 1", Add	*149.52*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0017	LF	26" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe Note: 0.022" (inner wall) and 0.018" (outer wall) material thickness	439.35	33.29
		For Aluminum Liner, Add	*19.59*	
		For 304 Stainless Steel Liner, Add	*26.72*	
		For 2" Wall Instead Of 1", Add	*115.19*	
		For 3" To 4" Wall Instead Of 1", Add	*176.93*	
23 51 16 00-0018	LF	28" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe Note: 0.022" (inner wall) and 0.018" (outer wall) material thickness	460.76	34.36
		For Aluminum Liner, Add	*20.62*	
		For 304 Stainless Steel Liner, Add	*28.12*	
		For 2" Wall Instead Of 1", Add	*121.05*	
		For 3" To 4" Wall Instead Of 1", Add	*185.87*	
23 51 16 00-0019	LF	30" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe Note: 0.022" (inner wall) and 0.018" (outer wall) material thickness	489.60	36.83
		For Aluminum Liner, Add	*21.87*	
		For 304 Stainless Steel Liner, Add	*29.83*	
		For 2" Wall Instead Of 1", Add	*128.49*	
		For 3" To 4" Wall Instead Of 1", Add	*197.34*	
23 51 16 00-0020	LF	32" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	555.15	38.23
		For Aluminum Liner, Add	*25.29*	
		For 304 Stainless Steel Liner, Add	*34.49*	
		For 2" Wall Instead Of 1", Add	*147.48*	
		For 3" To 4" Wall Instead Of 1", Add	*225.98*	
23 51 16 00-0021	LF	34" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	623.02	39.62
		For Aluminum Liner, Add	*28.82*	
		For 304 Stainless Steel Liner, Add	*39.30*	
		For 2" Wall Instead Of 1", Add	*167.10*	
		For 3" To 4" Wall Instead Of 1", Add	*255.61*	
23 51 16 00-0022	LF	36" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	655.97	41.23
		For Aluminum Liner, Add	*30.42*	
		For 304 Stainless Steel Liner, Add	*41.48*	
		For 2" Wall Instead Of 1", Add	*176.20*	
		For 3" To 4" Wall Instead Of 1", Add	*269.45*	
23 51 16 00-0023	LF	38" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	712.03	42.95
		For Aluminum Liner, Add	*33.26*	
		For 304 Stainless Steel Liner, Add	*45.36*	
		For 2" Wall Instead Of 1", Add	*192.16*	
		For 3" To 4" Wall Instead Of 1", Add	*293.60*	
23 51 16 00-0024	LF	40" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	785.13	44.78
		For Aluminum Liner, Add	*37.02*	
		For 304 Stainless Steel Liner, Add	*50.49*	
		For 2" Wall Instead Of 1", Add	*213.14*	
		For 3" To 4" Wall Instead Of 1", Add	*325.31*	
23 51 16 00-0025	LF	42" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	821.38	46.81
		For Aluminum Liner, Add	*38.73*	
		For 304 Stainless Steel Liner, Add	*52.82*	
		For 2" Wall Instead Of 1", Add	*222.98*	
		For 3" To 4" Wall Instead Of 1", Add	*340.33*	
23 51 16 00-0026	LF	44" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	909.79	49.07
		For Aluminum Liner, Add	*43.29*	
		For 304 Stainless Steel Liner, Add	*59.03*	
		For 2" Wall Instead Of 1", Add	*248.39*	
		For 3" To 4" Wall Instead Of 1", Add	*378.72*	
23 51 16 00-0027	LF	46" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	988.41	51.54
		For Aluminum Liner, Add	*47.28*	
		For 304 Stainless Steel Liner, Add	*64.47*	
		For 2" Wall Instead Of 1", Add	*270.75*	
		For 3" To 4" Wall Instead Of 1", Add	*412.57*	
23 51 16 00-0028	LF	48" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	1,088.11	54.23
		For Aluminum Liner, Add	*52.40*	
		For 304 Stainless Steel Liner, Add	*71.46*	
		For 2" Wall Instead Of 1", Add	*299.36*	
		For 3" To 4" Wall Instead Of 1", Add	*455.81*	

23 51 16 00-0029 90 Degree Elbows *(23 51 16 00-0001)*

23 51 16 00-0030	EA	3" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	79.43	19.11
		For Aluminum Liner, Add	*1.76*	
		For 304 Stainless Steel Liner, Add	*2.41*	
		For 2" Wall Instead Of 1", Add	*14.36*	
		For 3" To 4" Wall Instead Of 1", Add	*23.91*	
23 51 16 00-0031	EA	4" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	88.22	20.18
		For Aluminum Liner, Add	*2.08*	
		For 304 Stainless Steel Liner, Add	*2.84*	
		For 2" Wall Instead Of 1", Add	*16.40*	
		For 3" To 4" Wall Instead Of 1", Add	*27.11*	
23 51 16 00-0032	EA	5" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	98.66	21.47
		For Aluminum Liner, Add	*2.49*	
		For 304 Stainless Steel Liner, Add	*3.39*	
		For 2" Wall Instead Of 1", Add	*18.91*	
		For 3" To 4" Wall Instead Of 1", Add	*31.04*	
23 51 16 00-0033	EA	6" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	109.35	22.87
		For Aluminum Liner, Add	*2.89*	
		For 304 Stainless Steel Liner, Add	*3.94*	
		For 2" Wall Instead Of 1", Add	*21.45*	
		For 3" To 4" Wall Instead Of 1", Add	*35.01*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0034	EA	7" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	131.15	24.48
		For Aluminum Liner, Add	*3.87*	
		For 304 Stainless Steel Liner, Add	*5.27*	
		For 2" Wall Instead Of 1", Add	*27.17*	
		For 3" To 4" Wall Instead Of 1", Add	*43.80*	
23 51 16 00-0035	EA	8" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	154.06	26.42
		For Aluminum Liner, Add	*4.84*	
		For 304 Stainless Steel Liner, Add	*6.60*	
		For 2" Wall Instead Of 1", Add	*33.01*	
		For 3" To 4" Wall Instead Of 1", Add	*52.82*	
23 51 16 00-0036	EA	10" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	274.25	28.66
		For Aluminum Liner, Add	*11.14*	
		For 304 Stainless Steel Liner, Add	*15.18*	
		For 2" Wall Instead Of 1", Add	*67.92*	
		For 3" To 4" Wall Instead Of 1", Add	*105.47*	
23 51 16 00-0037	EA	12" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	333.32	31.24
		For Aluminum Liner, Add	*14.04*	
		For 304 Stainless Steel Liner, Add	*19.15*	
		For 2" Wall Instead Of 1", Add	*84.39*	
		For 3" To 4" Wall Instead Of 1", Add	*130.48*	
23 51 16 00-0038	EA	14" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	434.79	32.75
		For Aluminum Liner, Add	*19.41*	
		For 304 Stainless Steel Liner, Add	*26.47*	
		For 2" Wall Instead Of 1", Add	*114.08*	
		For 3" To 4" Wall Instead Of 1", Add	*175.20*	
23 51 16 00-0039	EA	16" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	536.42	34.36
		For Aluminum Liner, Add	*24.79*	
		For 304 Stainless Steel Liner, Add	*33.80*	
		For 2" Wall Instead Of 1", Add	*143.78*	
		For 3" To 4" Wall Instead Of 1", Add	*219.96*	
23 51 16 00-0040	EA	18" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	696.12	36.18
		For Aluminum Liner, Add	*33.31*	
		For 304 Stainless Steel Liner, Add	*45.42*	
		For 2" Wall Instead Of 1", Add	*190.74*	
		For 3" To 4" Wall Instead Of 1", Add	*290.63*	
23 51 16 00-0041	EA	20" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	979.48	57.23
		For Aluminum Liner, Add	*45.99*	
		For 304 Stainless Steel Liner, Add	*62.72*	
		For 2" Wall Instead Of 1", Add	*265.20*	
		For 3" To 4" Wall Instead Of 1", Add	*404.96*	
23 51 16 00-0042	EA	22" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	1,295.99	60.66
		For Aluminum Liner, Add	*62.94*	
		For 304 Stainless Steel Liner, Add	*85.82*	
		For 2" Wall Instead Of 1", Add	*358.47*	
		For 3" To 4" Wall Instead Of 1", Add	*545.28*	
23 51 16 00-0043	EA	24" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	1,464.00	64.42
		For Aluminum Liner, Add	*71.65*	
		For 304 Stainless Steel Liner, Add	*97.71*	
		For 2" Wall Instead Of 1", Add	*406.96*	
		For 3" To 4" Wall Instead Of 1", Add	*618.50*	
23 51 16 00-0044		**45 Degree Elbows** *(23 51 16 00-0001)*		
23 51 16 00-0045	EA	3" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	66.16	19.11
		For Aluminum Liner, Add	*1.02*	
		For 304 Stainless Steel Liner, Add	*1.39*	
		For 2" Wall Instead Of 1", Add	*10.31*	
		For 3" To 4" Wall Instead Of 1", Add	*17.85*	
23 51 16 00-0046	EA	4" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	72.36	20.18
		For Aluminum Liner, Add	*1.20*	
		For 304 Stainless Steel Liner, Add	*1.63*	
		For 2" Wall Instead Of 1", Add	*11.59*	
		For 3" To 4" Wall Instead Of 1", Add	*19.92*	
23 51 16 00-0047	EA	5" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	79.34	21.47
		For Aluminum Liner, Add	*1.41*	
		For 304 Stainless Steel Liner, Add	*1.92*	
		For 2" Wall Instead Of 1", Add	*13.06*	
		For 3" To 4" Wall Instead Of 1", Add	*22.28*	
23 51 16 00-0048	EA	6" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	87.95	22.87
		For Aluminum Liner, Add	*1.69*	
		For 304 Stainless Steel Liner, Add	*2.30*	
		For 2" Wall Instead Of 1", Add	*14.94*	
		For 3" To 4" Wall Instead Of 1", Add	*25.27*	
23 51 16 00-0049	EA	7" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	105.34	24.48
		For Aluminum Liner, Add	*2.42*	
		For 304 Stainless Steel Liner, Add	*3.30*	
		For 2" Wall Instead Of 1", Add	*19.34*	
		For 3" To 4" Wall Instead Of 1", Add	*32.07*	
23 51 16 00-0050	EA	8" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	116.64	26.42
		For Aluminum Liner, Add	*2.78*	
		For 304 Stainless Steel Liner, Add	*3.80*	
		For 2" Wall Instead Of 1", Add	*21.79*	
		For 3" To 4" Wall Instead Of 1", Add	*35.98*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0051	EA	10" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	198.14	28.66
		For Aluminum Liner, Add	*6.96*	
		For 304 Stainless Steel Liner, Add	*9.49*	
		For 2" Wall Instead Of 1", Add	*45.12*	
		For 3" To 4" Wall Instead Of 1", Add	*71.26*	
23 51 16 00-0052	EA	12" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	237.62	31.24
		For Aluminum Liner, Add	*8.78*	
		For 304 Stainless Steel Liner, Add	*11.97*	
		For 2" Wall Instead Of 1", Add	*55.67*	
		For 3" To 4" Wall Instead Of 1", Add	*87.41*	
23 51 16 00-0053	EA	14" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	306.31	32.75
		For Aluminum Liner, Add	*12.35*	
		For 304 Stainless Steel Liner, Add	*16.84*	
		For 2" Wall Instead Of 1", Add	*75.53*	
		For 3" To 4" Wall Instead Of 1", Add	*117.38*	
23 51 16 00-0054	EA	16" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	367.55	34.36
		For Aluminum Liner, Add	*15.49*	
		For 304 Stainless Steel Liner, Add	*21.13*	
		For 2" Wall Instead Of 1", Add	*93.09*	
		For 3" To 4" Wall Instead Of 1", Add	*143.93*	
23 51 16 00-0055	EA	18" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	468.92	36.18
		For Aluminum Liner, Add	*20.82*	
		For 304 Stainless Steel Liner, Add	*28.39*	
		For 2" Wall Instead Of 1", Add	*122.59*	
		For 3" To 4" Wall Instead Of 1", Add	*188.41*	
23 51 16 00-0056	EA	20" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	569.70	57.12
		For Aluminum Liner, Add	*23.48*	
		For 304 Stainless Steel Liner, Add	*32.02*	
		For 2" Wall Instead Of 1", Add	*142.35*	
		For 3" To 4" Wall Instead Of 1", Add	*220.67*	
23 51 16 00-0057	EA	22" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	794.25	60.66
		For Aluminum Liner, Add	*35.34*	
		For 304 Stainless Steel Liner, Add	*48.19*	
		For 2" Wall Instead Of 1", Add	*207.94*	
		For 3" To 4" Wall Instead Of 1", Add	*319.50*	
23 51 16 00-0058	EA	24" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	975.19	64.42
		For Aluminum Liner, Add	*44.78*	
		For 304 Stainless Steel Liner, Add	*61.07*	
		For 2" Wall Instead Of 1", Add	*260.37*	
		For 3" To 4" Wall Instead Of 1", Add	*398.60*	
23 51 16 00-0059	EA	26" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	1,772.80	66.57
		For Aluminum Liner, Add	*88.36*	
		For 304 Stainless Steel Liner, Add	*120.49*	
		For 2" Wall Instead Of 1", Add	*498.57*	
		For 3" To 4" Wall Instead Of 1", Add	*756.18*	
23 51 16 00-0060	EA	28" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	1,822.17	68.71
		For Aluminum Liner, Add	*90.78*	
		For 304 Stainless Steel Liner, Add	*123.79*	
		For 2" Wall Instead Of 1", Add	*512.31*	
		For 3" To 4" Wall Instead Of 1", Add	*777.05*	
23 51 16 00-0061	EA	30" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	1,920.93	73.02
		For Aluminum Liner, Add	*95.62*	
		For 304 Stainless Steel Liner, Add	*130.39*	
		For 2" Wall Instead Of 1", Add	*539.80*	
		For 3" To 4" Wall Instead Of 1", Add	*818.81*	
23 51 16 00-0062	EA	32" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	2,146.35	75.16
		For Aluminum Liner, Add	*107.72*	
		For 304 Stainless Steel Liner, Add	*146.89*	
		For 2" Wall Instead Of 1", Add	*606.35*	
		For 3" To 4" Wall Instead Of 1", Add	*918.91*	
23 51 16 00-0063	EA	34" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	2,344.15	79.45
		For Aluminum Liner, Add	*118.01*	
		For 304 Stainless Steel Liner, Add	*160.92*	
		For 2" Wall Instead Of 1", Add	*663.54*	
		For 3" To 4" Wall Instead Of 1", Add	*1,005.24*	
23 51 16 00-0064	EA	36" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	2,415.25	85.89
		For Aluminum Liner, Add	*121.04*	
		For 304 Stainless Steel Liner, Add	*165.05*	
		For 2" Wall Instead Of 1", Add	*681.65*	
		For 3" To 4" Wall Instead Of 1", Add	*1,033.21*	
23 51 16 00-0065	EA	38" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	2,587.81	88.91
		For Aluminum Liner, Add	*130.11*	
		For 304 Stainless Steel Liner, Add	*177.43*	
		For 2" Wall Instead Of 1", Add	*731.92*	
		For 3" To 4" Wall Instead Of 1", Add	*1,108.98*	
23 51 16 00-0066	EA	40" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	2,756.09	90.20
		For Aluminum Liner, Add	*139.19*	
		For 304 Stainless Steel Liner, Add	*189.81*	
		For 2" Wall Instead Of 1", Add	*781.76*	
		For 3" To 4" Wall Instead Of 1", Add	*1,183.90*	
23 51 16 00-0067	EA	42" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	2,876.84	94.49
		For Aluminum Liner, Add	*145.24*	
		For 304 Stainless Steel Liner, Add	*198.06*	
		For 2" Wall Instead Of 1", Add	*815.84*	
		For 3" To 4" Wall Instead Of 1", Add	*1,235.56*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0068	EA	44" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	3,052.61	98.78
		For Aluminum Liner, Add	*154.32*	
		For 304 Stainless Steel Liner, Add	*210.44*	
		For 2" Wall Instead Of 1", Add	*866.43*	
		For 3" To 4" Wall Instead Of 1", Add	*1,311.98*	
23 51 16 00-0069	EA	46" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	3,283.39	103.08
		For Aluminum Liner, Add	*166.42*	
		For 304 Stainless Steel Liner, Add	*226.94*	
		For 2" Wall Instead Of 1", Add	*933.52*	
		For 3" To 4" Wall Instead Of 1", Add	*1,413.15*	
23 51 16 00-0070	EA	48" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	3,404.16	107.37
		For Aluminum Liner, Add	*172.48*	
		For 304 Stainless Steel Liner, Add	*235.19*	
		For 2" Wall Instead Of 1", Add	*967.60*	
		For 3" To 4" Wall Instead Of 1", Add	*1,464.81*	
23 51 16 00-0071		**Tees** *(23 51 16 00-0001)*		
23 51 16 00-0072	EA	3" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	108.83	25.45
		For Aluminum Liner, Add	*2.48*	
		For 304 Stainless Steel Liner, Add	*3.38*	
		For 2" Wall Instead Of 1", Add	*19.91*	
		For 3" To 4" Wall Instead Of 1", Add	*33.04*	
23 51 16 00-0073	EA	4" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	113.34	26.42
		For Aluminum Liner, Add	*2.60*	
		For 304 Stainless Steel Liner, Add	*3.55*	
		For 2" Wall Instead Of 1", Add	*20.80*	
		For 3" To 4" Wall Instead Of 1", Add	*34.50*	
23 51 16 00-0074	EA	5" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	118.23	27.49
		For Aluminum Liner, Add	*2.72*	
		For 304 Stainless Steel Liner, Add	*3.71*	
		For 2" Wall Instead Of 1", Add	*21.73*	
		For 3" To 4" Wall Instead Of 1", Add	*36.02*	
23 51 16 00-0075	EA	6" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	126.64	28.66
		For Aluminum Liner, Add	*3.03*	
		For 304 Stainless Steel Liner, Add	*4.13*	
		For 2" Wall Instead Of 1", Add	*23.67*	
		For 3" To 4" Wall Instead Of 1", Add	*39.08*	
23 51 16 00-0076	EA	7" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	150.65	29.85
		For Aluminum Liner, Add	*4.18*	
		For 304 Stainless Steel Liner, Add	*5.69*	
		For 2" Wall Instead Of 1", Add	*30.25*	
		For 3" To 4" Wall Instead Of 1", Add	*49.11*	
23 51 16 00-0077	EA	8" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	161.67	31.24
		For Aluminum Liner, Add	*4.60*	
		For 304 Stainless Steel Liner, Add	*6.27*	
		For 2" Wall Instead Of 1", Add	*32.89*	
		For 3" To 4" Wall Instead Of 1", Add	*53.24*	
23 51 16 00-0078	EA	10" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	308.48	32.75
		For Aluminum Liner, Add	*12.47*	
		For 304 Stainless Steel Liner, Add	*17.00*	
		For 2" Wall Instead Of 1", Add	*76.18*	
		For 3" To 4" Wall Instead Of 1", Add	*118.36*	
23 51 16 00-0079	EA	12" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	358.75	34.36
		For Aluminum Liner, Add	*15.01*	
		For 304 Stainless Steel Liner, Add	*20.47*	
		For 2" Wall Instead Of 1", Add	*90.45*	
		For 3" To 4" Wall Instead Of 1", Add	*139.97*	
23 51 16 00-0080	EA	14" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	539.95	38.23
		For Aluminum Liner, Add	*24.45*	
		For 304 Stainless Steel Liner, Add	*33.34*	
		For 2" Wall Instead Of 1", Add	*142.90*	
		For 3" To 4" Wall Instead Of 1", Add	*219.12*	
23 51 16 00-0081	EA	16" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	736.71	42.95
		For Aluminum Liner, Add	*34.62*	
		For 304 Stainless Steel Liner, Add	*47.20*	
		For 2" Wall Instead Of 1", Add	*199.55*	
		For 3" To 4" Wall Instead Of 1", Add	*304.69*	
23 51 16 00-0082	EA	18" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	914.91	49.07
		For Aluminum Liner, Add	*43.57*	
		For 304 Stainless Steel Liner, Add	*59.42*	
		For 2" Wall Instead Of 1", Add	*249.94*	
		For 3" To 4" Wall Instead Of 1", Add	*381.04*	
23 51 16 00-0083	EA	20" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	1,218.79	60.66
		For Aluminum Liner, Add	*58.70*	
		For 304 Stainless Steel Liner, Add	*80.05*	
		For 2" Wall Instead Of 1", Add	*335.34*	
		For 3" To 4" Wall Instead Of 1", Add	*510.59*	
23 51 16 00-0084	EA	22" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	1,529.49	79.24
		For Aluminum Liner, Add	*73.23*	
		For 304 Stainless Steel Liner, Add	*99.85*	
		For 2" Wall Instead Of 1", Add	*419.23*	
		For 3" To 4" Wall Instead Of 1", Add	*638.75*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0085	EA	24" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	1,760.84	83.75
		For Aluminum Liner, Add	*85.33*	
		For 304 Stainless Steel Liner, Add	*116.36*	
		For 2" Wall Instead Of 1", Add	*486.37*	
		For 3" To 4" Wall Instead Of 1", Add	*740.03*	
23 51 16 00-0086	EA	26" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	2,426.21	90.20
		For Aluminum Liner, Add	*121.04*	
		For 304 Stainless Steel Liner, Add	*165.05*	
		For 2" Wall Instead Of 1", Add	*682.75*	
		For 3" To 4" Wall Instead Of 1", Add	*1,035.40*	
23 51 16 00-0087	EA	28" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	2,709.95	93.73
		For Aluminum Liner, Add	*136.16*	
		For 304 Stainless Steel Liner, Add	*185.68*	
		For 2" Wall Instead Of 1", Add	*766.14*	
		For 3" To 4" Wall Instead Of 1", Add	*1,160.92*	
23 51 16 00-0088	EA	30" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	2,942.74	98.78
		For Aluminum Liner, Add	*148.27*	
		For 304 Stainless Steel Liner, Add	*202.18*	
		For 2" Wall Instead Of 1", Add	*833.43*	
		For 3" To 4" Wall Instead Of 1", Add	*1,262.50*	
23 51 16 00-0089	EA	32" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	3,393.53	103.08
		For Aluminum Liner, Add	*172.48*	
		For 304 Stainless Steel Liner, Add	*235.19*	
		For 2" Wall Instead Of 1", Add	*966.54*	
		For 3" To 4" Wall Instead Of 1", Add	*1,462.69*	
23 51 16 00-0090	EA	34" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	3,459.36	107.37
		For Aluminum Liner, Add	*175.50*	
		For 304 Stainless Steel Liner, Add	*239.32*	
		For 2" Wall Instead Of 1", Add	*984.12*	
		For 3" To 4" Wall Instead Of 1", Add	*1,489.60*	
23 51 16 00-0091	EA	36" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	4,027.56	114.57
		For Aluminum Liner, Add	*205.76*	
		For 304 Stainless Steel Liner, Add	*280.58*	
		For 2" Wall Instead Of 1", Add	*1,150.97*	
		For 3" To 4" Wall Instead Of 1", Add	*1,740.78*	
23 51 16 00-0092	EA	38" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	4,118.35	128.84
		For Aluminum Liner, Add	*208.79*	
		For 304 Stainless Steel Liner, Add	*284.71*	
		For 2" Wall Instead Of 1", Add	*1,171.06*	
		For 3" To 4" Wall Instead Of 1", Add	*1,772.70*	
23 51 16 00-0093	EA	40" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	4,494.43	147.31
		For Aluminum Liner, Add	*226.94*	
		For 304 Stainless Steel Liner, Add	*309.47*	
		For 2" Wall Instead Of 1", Add	*1,274.69*	
		For 3" To 4" Wall Instead Of 1", Add	*1,930.44*	
23 51 16 00-0094	EA	42" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	4,940.81	171.80
		For Aluminum Liner, Add	*248.12*	
		For 304 Stainless Steel Liner, Add	*338.35*	
		For 2" Wall Instead Of 1", Add	*1,396.35*	
		For 3" To 4" Wall Instead Of 1", Add	*2,115.99*	
23 51 16 00-0095	EA	44" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	5,379.21	193.27
		For Aluminum Liner, Add	*269.30*	
		For 304 Stainless Steel Liner, Add	*367.23*	
		For 2" Wall Instead Of 1", Add	*1,517.21*	
		For 3" To 4" Wall Instead Of 1", Add	*2,299.95*	
23 51 16 00-0096	EA	46" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	5,890.52	199.72
		For Aluminum Liner, Add	*296.54*	
		For 304 Stainless Steel Liner, Add	*404.37*	
		For 2" Wall Instead Of 1", Add	*1,667.37*	
		For 3" To 4" Wall Instead Of 1", Add	*2,526.00*	
23 51 16 00-0097	EA	48" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	6,236.89	206.15
		For Aluminum Liner, Add	*314.69*	
		For 304 Stainless Steel Liner, Add	*429.13*	
		For 2" Wall Instead Of 1", Add	*1,768.02*	
		For 3" To 4" Wall Instead Of 1", Add	*2,677.80*	

23 51 16 00-0098 Vent Top Caps *(23 51 16 00-0001)*

23 51 16 00-0099	EA	3" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	54.41	14.92
		For Aluminum Liner, Add	*0.94*	
		For 304 Stainless Steel Liner, Add	*1.28*	
		For 2" Wall Instead Of 1", Add	*8.85*	
		For 3" To 4" Wall Instead Of 1", Add	*15.15*	
23 51 16 00-0100	EA	4" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	57.02	15.68
		For Aluminum Liner, Add	*0.99*	
		For 304 Stainless Steel Liner, Add	*1.35*	
		For 2" Wall Instead Of 1", Add	*9.29*	
		For 3" To 4" Wall Instead Of 1", Add	*15.89*	
23 51 16 00-0101	EA	6" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	74.09	17.18
		For Aluminum Liner, Add	*1.71*	
		For 304 Stainless Steel Liner, Add	*2.34*	
		For 2" Wall Instead Of 1", Add	*13.64*	
		For 3" To 4" Wall Instead Of 1", Add	*22.60*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0102	EA	8" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	78.81	19.11
		For Aluminum Liner, Add	*1.71*	
		For 304 Stainless Steel Liner, Add	*2.34*	
		For 2" Wall Instead Of 1", Add	*14.11*	
		For 3" To 4" Wall Instead Of 1", Add	*23.55*	
23 51 16 00-0103	EA	10" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	96.35	20.18
		For Aluminum Liner, Add	*2.52*	
		For 304 Stainless Steel Liner, Add	*3.44*	
		For 2" Wall Instead Of 1", Add	*18.81*	
		For 3" To 4" Wall Instead Of 1", Add	*30.74*	
23 51 16 00-0104	EA	12" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	114.20	21.47
		For Aluminum Liner, Add	*3.33*	
		For 304 Stainless Steel Liner, Add	*4.54*	
		For 2" Wall Instead Of 1", Add	*23.52*	
		For 3" To 4" Wall Instead Of 1", Add	*37.97*	
23 51 16 00-0105	EA	16" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	273.67	24.48
		For Aluminum Liner, Add	*11.68*	
		For 304 Stainless Steel Liner, Add	*15.93*	
		For 2" Wall Instead Of 1", Add	*69.84*	
		For 3" To 4" Wall Instead Of 1", Add	*107.82*	
23 51 16 00-0106	EA	18" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	512.40	30.71
		For Aluminum Liner, Add	*23.97*	
		For 304 Stainless Steel Liner, Add	*32.68*	
		For 2" Wall Instead Of 1", Add	*138.39*	
		For 3" To 4" Wall Instead Of 1", Add	*211.41*	
23 51 16 00-0107	EA	20" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	950.27	36.83
		For Aluminum Liner, Add	*47.20*	
		For 304 Stainless Steel Liner, Add	*64.37*	
		For 2" Wall Instead Of 1", Add	*266.68*	
		For 3" To 4" Wall Instead Of 1", Add	*404.62*	
23 51 16 00-0108	EA	24" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	1,581.28	51.54
		For Aluminum Liner, Add	*79.88*	
		For 304 Stainless Steel Liner, Add	*108.93*	
		For 2" Wall Instead Of 1", Add	*448.61*	
		For 3" To 4" Wall Instead Of 1", Add	*679.36*	
23 51 16 00-0109	EA	26" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	2,336.21	54.23
		For Aluminum Liner, Add	*121.04*	
		For 304 Stainless Steel Liner, Add	*165.05*	
		For 2" Wall Instead Of 1", Add	*673.75*	
		For 3" To 4" Wall Instead Of 1", Add	*1,017.40*	
23 51 16 00-0110	EA	28" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	2,618.88	57.23
		For Aluminum Liner, Add	*136.16*	
		For 304 Stainless Steel Liner, Add	*185.68*	
		For 2" Wall Instead Of 1", Add	*757.03*	
		For 3" To 4" Wall Instead Of 1", Add	*1,142.71*	
23 51 16 00-0111	EA	30" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	2,957.48	60.66
		For Aluminum Liner, Add	*154.32*	
		For 304 Stainless Steel Liner, Add	*210.44*	
		For 2" Wall Instead Of 1", Add	*856.91*	
		For 3" To 4" Wall Instead Of 1", Add	*1,292.95*	
23 51 16 00-0112	EA	32" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	3,132.00	64.42
		For Aluminum Liner, Add	*163.40*	
		For 304 Stainless Steel Liner, Add	*222.82*	
		For 2" Wall Instead Of 1", Add	*907.37*	
		For 3" To 4" Wall Instead Of 1", Add	*1,369.12*	
23 51 16 00-0113	EA	34" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	3,307.77	68.71
		For Aluminum Liner, Add	*172.48*	
		For 304 Stainless Steel Liner, Add	*235.19*	
		For 2" Wall Instead Of 1", Add	*957.96*	
		For 3" To 4" Wall Instead Of 1", Add	*1,445.53*	
23 51 16 00-0114	EA	36" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	3,539.96	73.66
		For Aluminum Liner, Add	*184.58*	
		For 304 Stainless Steel Liner, Add	*251.70*	
		For 2" Wall Instead Of 1", Add	*1,025.19*	
		For 3" To 4" Wall Instead Of 1", Add	*1,546.99*	

23 51 16 00-0115 Wall Thimbles *(23 51 16 00-0001)*

23 51 16 00-0116	EA	3" Round Flue/Vent Wall Thimbles, Galvanized Double Wall Breech/Smoke Pipe	22.02	8.05
		For Aluminum Liner, Add	*0.11*	
		For 304 Stainless Steel Liner, Add	*0.15*	
		For 2" Wall Instead Of 1", Add	*2.59*	
		For 3" To 4" Wall Instead Of 1", Add	*4.89*	
23 51 16 00-0117	EA	4" Round Flue/Vent Wall Thimbles, Galvanized Double Wall Breech/Smoke Pipe	27.88	10.31
		For Aluminum Liner, Add	*0.11*	
		For 304 Stainless Steel Liner, Add	*0.15*	
		For 2" Wall Instead Of 1", Add	*3.19*	
		For 3" To 4" Wall Instead Of 1", Add	*6.08*	
23 51 16 00-0118	EA	5" Or 6" Round Flue/Vent Wall Thimbles, Galvanized Double Wall Breech/Smoke Pipe	37.10	13.85
		For Aluminum Liner, Add	*0.14*	
		For 304 Stainless Steel Liner, Add	*0.18*	
		For 2" Wall Instead Of 1", Add	*4.20*	
		For 3" To 4" Wall Instead Of 1", Add	*8.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0119	EA	7" Or 8" Round Flue/Vent Wall Thimbles, Galvanized Double Wall Breech/Smoke Pipe	46.46	17.18
		For Aluminum Liner, Add	*0.19*	
		For 304 Stainless Steel Liner, Add	*0.26*	
		For 2" Wall Instead Of 1", Add	*5.35*	
		For 3" To 4" Wall Instead Of 1", Add	*10.17*	
23 51 16 00-0120	EA	10" Round Flue/Vent Wall Thimbles, Galvanized Double Wall Breech/Smoke Pipe	66.99	23.19
		For Aluminum Liner, Add	*0.50*	
		For 304 Stainless Steel Liner, Add	*0.68*	
		For 2" Wall Instead Of 1", Add	*8.50*	
		For 3" To 4" Wall Instead Of 1", Add	*15.65*	
23 51 16 00-0121	EA	12" Round Flue/Vent Wall Thimbles, Galvanized Double Wall Breech/Smoke Pipe	84.70	28.78
		For Aluminum Liner, Add	*0.70*	
		For 304 Stainless Steel Liner, Add	*0.96*	
		For 2" Wall Instead Of 1", Add	*11.02*	
		For 3" To 4" Wall Instead Of 1", Add	*20.13*	
23 51 16 00-0122	EA	14" Or 16" Round Flue/Vent Wall Thimbles, Galvanized Double Wall Breech/Smoke Pipe	107.53	34.36
		For Aluminum Liner, Add	*1.19*	
		For 304 Stainless Steel Liner, Add	*1.62*	
		For 2" Wall Instead Of 1", Add	*15.08*	
		For 3" To 4" Wall Instead Of 1", Add	*26.92*	
23 51 16 00-0123	EA	18" Or 20" Round Flue/Vent Wall Thimbles, Galvanized Double Wall Breech/Smoke Pipe	140.72	40.81
		For Aluminum Liner, Add	*2.13*	
		For 304 Stainless Steel Liner, Add	*2.90*	
		For 2" Wall Instead Of 1", Add	*21.82*	
		For 3" To 4" Wall Instead Of 1", Add	*37.82*	
23 51 16 00-0124	EA	22" Or 24" Round Flue/Vent Wall Thimbles, Galvanized Double Wall Breech/Smoke Pipe	190.58	45.10
		For Aluminum Liner, Add	*4.28*	
		For 304 Stainless Steel Liner, Add	*5.84*	
		For 2" Wall Instead Of 1", Add	*34.63*	
		For 3" To 4" Wall Instead Of 1", Add	*57.58*	

23 51 16 00-0125 Adjustable Roof Flashing *(23 51 16 00-0001)*

23 51 16 00-0126	EA	3" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe	60.33	19.11
		For Aluminum Liner, Add	*0.70*	
		For 304 Stainless Steel Liner, Add	*0.95*	
		For 2" Wall Instead Of 1", Add	*8.56*	
		For 3" To 4" Wall Instead Of 1", Add	*15.23*	
23 51 16 00-0127	EA	4" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe	66.84	20.18
		For Aluminum Liner, Add	*0.90*	
		For 304 Stainless Steel Liner, Add	*1.22*	
		For 2" Wall Instead Of 1", Add	*9.94*	
		For 3" To 4" Wall Instead Of 1", Add	*17.44*	
23 51 16 00-0128	EA	6" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe	84.51	22.87
		For Aluminum Liner, Add	*1.50*	
		For 304 Stainless Steel Liner, Add	*2.05*	
		For 2" Wall Instead Of 1", Add	*13.91*	
		For 3" To 4" Wall Instead Of 1", Add	*23.72*	
23 51 16 00-0129	EA	8" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe	103.33	26.42
		For Aluminum Liner, Add	*2.05*	
		For 304 Stainless Steel Liner, Add	*2.80*	
		For 2" Wall Instead Of 1", Add	*17.79*	
		For 3" To 4" Wall Instead Of 1", Add	*29.99*	
23 51 16 00-0130	EA	10" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe	173.95	28.66
		For Aluminum Liner, Add	*5.63*	
		For 304 Stainless Steel Liner, Add	*7.67*	
		For 2" Wall Instead Of 1", Add	*37.86*	
		For 3" To 4" Wall Instead Of 1", Add	*60.37*	
23 51 16 00-0131	EA	12" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe	207.89	31.24
		For Aluminum Liner, Add	*7.14*	
		For 304 Stainless Steel Liner, Add	*9.74*	
		For 2" Wall Instead Of 1", Add	*46.76*	
		For 3" To 4" Wall Instead Of 1", Add	*74.04*	
23 51 16 00-0132	EA	14" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe	245.44	34.36
		For Aluminum Liner, Add	*8.78*	
		For 304 Stainless Steel Liner, Add	*11.97*	
		For 2" Wall Instead Of 1", Add	*56.45*	
		For 3" To 4" Wall Instead Of 1", Add	*88.98*	
23 51 16 00-0133	EA	16" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe	293.63	38.23
		For Aluminum Liner, Add	*10.89*	
		For 304 Stainless Steel Liner, Add	*14.85*	
		For 2" Wall Instead Of 1", Add	*68.98*	
		For 3" To 4" Wall Instead Of 1", Add	*108.24*	
23 51 16 00-0134	EA	18" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe	448.51	42.95
		For Aluminum Liner, Add	*18.76*	
		For 304 Stainless Steel Liner, Add	*25.58*	
		For 2" Wall Instead Of 1", Add	*113.07*	
		For 3" To 4" Wall Instead Of 1", Add	*174.98*	
23 51 16 00-0135	EA	20" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe	490.86	57.23
		For Aluminum Liner, Add	*19.12*	
		For 304 Stainless Steel Liner, Add	*26.08*	
		For 2" Wall Instead Of 1", Add	*118.63*	
		For 3" To 4" Wall Instead Of 1", Add	*185.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0136	EA	22" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe	624.24	73.66
		For Aluminum Liner, Add	*24.21*	
		For 304 Stainless Steel Liner, Add	*33.01*	
		For 2" Wall Instead Of 1", Add	*150.45*	
		For 3" To 4" Wall Instead Of 1", Add	*234.88*	
23 51 16 00-0137	EA	24" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe	742.90	85.89
		For Aluminum Liner, Add	*29.05*	
		For 304 Stainless Steel Liner, Add	*39.61*	
		For 2" Wall Instead Of 1", Add	*179.92*	
		For 3" To 4" Wall Instead Of 1", Add	*280.62*	

23 51 16 00-0138 Galvanized Storm Collars *(23 51 16 00-0001)*

23 51 16 00-0139	EA	3" Round Galvanized Storm Collar, Double Wall	23.72	8.05
		For Aluminum Liner, Add	*0.20*	
		For 304 Stainless Steel Liner, Add	*0.27*	
		For 2" Wall Instead Of 1", Add	*3.10*	
		For 3" To 4" Wall Instead Of 1", Add	*5.66*	
23 51 16 00-0140	EA	4" Round Galvanized Storm Collar, Double Wall	29.96	10.31
		For Aluminum Liner, Add	*0.23*	
		For 304 Stainless Steel Liner, Add	*0.31*	
		For 2" Wall Instead Of 1", Add	*3.83*	
		For 3" To 4" Wall Instead Of 1", Add	*7.04*	
23 51 16 00-0141	EA	5" Round Galvanized Storm Collar, Double Wall	35.28	12.03
		For Aluminum Liner, Add	*0.29*	
		For 304 Stainless Steel Liner, Add	*0.39*	
		For 2" Wall Instead Of 1", Add	*4.57*	
		For 3" To 4" Wall Instead Of 1", Add	*8.36*	
23 51 16 00-0142	EA	6" Round Galvanized Storm Collar, Double Wall	40.62	13.74
		For Aluminum Liner, Add	*0.34*	
		For 304 Stainless Steel Liner, Add	*0.47*	
		For 2" Wall Instead Of 1", Add	*5.31*	
		For 3" To 4" Wall Instead Of 1", Add	*9.69*	
23 51 16 00-0143	EA	7" Or 8" Round Galvanized Storm Collar, Double Wall	51.28	17.18
		For Aluminum Liner, Add	*0.46*	
		For 304 Stainless Steel Liner, Add	*0.62*	
		For 2" Wall Instead Of 1", Add	*6.79*	
		For 3" To 4" Wall Instead Of 1", Add	*12.34*	
23 51 16 00-0144	EA	10" Round Galvanized Storm Collar, Double Wall	71.04	23.19
		For Aluminum Liner, Add	*0.72*	
		For 304 Stainless Steel Liner, Add	*0.98*	
		For 2" Wall Instead Of 1", Add	*9.72*	
		For 3" To 4" Wall Instead Of 1", Add	*17.47*	
23 51 16 00-0145	EA	12" Round Galvanized Storm Collar, Double Wall	87.64	28.78
		For Aluminum Liner, Add	*0.86*	
		For 304 Stainless Steel Liner, Add	*1.18*	
		For 2" Wall Instead Of 1", Add	*11.90*	
		For 3" To 4" Wall Instead Of 1", Add	*21.45*	
23 51 16 00-0146	EA	14" Or 16" Round Galvanized Storm Collar, Double Wall	112.52	34.36
		For Aluminum Liner, Add	*1.46*	
		For 304 Stainless Steel Liner, Add	*2.00*	
		For 2" Wall Instead Of 1", Add	*16.58*	
		For 3" To 4" Wall Instead Of 1", Add	*29.16*	
23 51 16 00-0147	EA	18" Or 20" Round Galvanized Storm Collar, Double Wall	150.20	40.81
		For Aluminum Liner, Add	*2.65*	
		For 304 Stainless Steel Liner, Add	*3.62*	
		For 2" Wall Instead Of 1", Add	*24.66*	
		For 3" To 4" Wall Instead Of 1", Add	*42.09*	
23 51 16 00-0148	EA	22" Or 24" Round Galvanized Storm Collar, Double Wall	214.30	45.10
		For Aluminum Liner, Add	*5.59*	
		For 304 Stainless Steel Liner, Add	*7.62*	
		For 2" Wall Instead Of 1", Add	*41.74*	
		For 3" To 4" Wall Instead Of 1", Add	*68.25*	

23 51 16 00-0149 Oval Galvanized Double Wall Flue/Vent Pipe And Fittings *(23 51 16)*

23 51 16 00-0150 Oval Galvanized Double Wall Flue/Vent Pipe *(23 51 16 00-0149)*

23 51 16 00-0151	LF	4" Oval Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	41.01	10.10
		For 2" Wall Instead Of 1", Add	*7.26*	
		For 3" To 4" Wall Instead Of 1", Add	*12.15*	
23 51 16 00-0152	LF	5" Oval Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	45.37	10.74
		For 2" Wall Instead Of 1", Add	*8.28*	
		For 3" To 4" Wall Instead Of 1", Add	*13.76*	
23 51 16 00-0153	LF	6" Oval Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	50.38	11.49
		For 2" Wall Instead Of 1", Add	*9.38*	
		For 3" To 4" Wall Instead Of 1", Add	*15.51*	

23 51 16 00-0154 45 Degree Elbows *(23 51 16 00-0149)*

23 51 16 00-0155	EA	4" Standard Oval Flue/Vent 45 Elbow, Galvanized Double Wall Breech/Smoke Pipe	90.17	20.94
		For 2" Wall Instead Of 1", Add	*16.58*	
		For 3" To 4" Wall Instead Of 1", Add	*27.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0156	EA	5" Standard Oval Flue/Vent 45 Elbow, Galvanized Double Wall Breech/Smoke Pipe	105.21	24.48
		For 2" Wall Instead Of 1", Add	*19.32*	
		For 3" To 4" Wall Instead Of 1", Add	*32.04*	
23 51 16 00-0157	EA	6" Standard Oval Flue/Vent 45 Elbow, Galvanized Double Wall Breech/Smoke Pipe	125.70	27.70
		For 2" Wall Instead Of 1", Add	*23.86*	
		For 3" To 4" Wall Instead Of 1", Add	*39.25*	
23 51 16 00-0158	EA	4" Flat Oval Flue/Vent 45 Elbow, Galvanized Double Wall Breech/Smoke Pipe	92.06	20.94
		For 2" Wall Instead Of 1", Add	*17.14*	
		For 3" To 4" Wall Instead Of 1", Add	*28.33*	
23 51 16 00-0159	EA	5" Flat Oval Flue/Vent 45 Elbow, Galvanized Double Wall Breech/Smoke Pipe	109.80	24.48
		For 2" Wall Instead Of 1", Add	*20.70*	
		For 3" To 4" Wall Instead Of 1", Add	*34.11*	
23 51 16 00-0160	EA	6" Flat Oval Flue/Vent 45 Elbow, Galvanized Double Wall Breech/Smoke Pipe	128.67	27.70
		For 2" Wall Instead Of 1", Add	*24.75*	
		For 3" To 4" Wall Instead Of 1", Add	*40.58*	

23 51 16 00-0161 Tees *(23 51 16 00-0149)*

23 51 16 00-0162	EA	4" Standard Oval Flue/Vent Pipe Tee, Galvanized Double Wall Breech/Smoke Pipe	151.63	31.78
		For 2" Wall Instead Of 1", Add	*29.58*	
		For 3" To 4" Wall Instead Of 1", Add	*48.35*	
23 51 16 00-0163	EA	4" Short Snout Oval Flue/Vent Tee, Galvanized Double Wall Breech/Smoke Pipe	154.60	31.78
		For 2" Wall Instead Of 1", Add	*30.47*	
		For 3" To 4" Wall Instead Of 1", Add	*49.69*	
23 51 16 00-0164	EA	5" Standard Oval Flue/Vent Pipe Tee, Galvanized Double Wall Breech/Smoke Pipe	177.68	36.50
		For 2" Wall Instead Of 1", Add	*35.05*	
		For 3" To 4" Wall Instead Of 1", Add	*57.14*	
23 51 16 00-0165	EA	6" Oval Flue/Vent Tee With Round Coupling, Galvanized Double Wall Breech/Smoke Pipe	203.52	40.91
		For 2" Wall Instead Of 1", Add	*40.60*	
		For 3" To 4" Wall Instead Of 1", Add	*66.02*	

23 51 16 00-0166 Tops/Caps And Adjustable Flashing *(23 51 16 00-0149)*

23 51 16 00-0167	EA	4" Oval Flue/Vent Pipe Top/Cap, Galvanized Double Wall Breech/Smoke Pipe	58.54	10.31
		For 2" Wall Instead Of 1", Add	*12.39*	
		For 3" To 4" Wall Instead Of 1", Add	*19.88*	
23 51 16 00-0168	EA	6" Oval Flue/Vent Pipe Top/Cap, Galvanized Double Wall Breech/Smoke Pipe	92.02	13.85
		For 2" Wall Instead Of 1", Add	*20.68*	
		For 3" To 4" Wall Instead Of 1", Add	*32.75*	
23 51 16 00-0169	EA	4" Oval Flue/Vent Adjustable Flashing, Galvanized Double Wall Breech/Smoke Pipe	46.93	10.31
		For 2" Wall Instead Of 1", Add	*8.91*	
		For 3" To 4" Wall Instead Of 1", Add	*14.65*	
23 51 16 00-0170	EA	6" Oval Flue/Vent Adjustable Flashing, Galvanized Double Wall Breech/Smoke Pipe	81.08	13.85
		For 2" Wall Instead Of 1", Add	*17.40*	
		For 3" To 4" Wall Instead Of 1", Add	*27.83*	

23 51 16 00-0171 Storm Collars *(23 51 16 00-0149)*

23 51 16 00-0172	EA	4" Oval Galvanized Storm Collar, Double Wall	29.96	10.31
		For 2" Wall Instead Of 1", Add	*3.83*	
		For 3" To 4" Wall Instead Of 1", Add	*7.04*	
23 51 16 00-0173	EA	5" Oval Galvanized Storm Collar, Double Wall	35.28	12.03
		For 2" Wall Instead Of 1", Add	*4.57*	
		For 3" To 4" Wall Instead Of 1", Add	*8.36*	
23 51 16 00-0174	EA	6" Oval Galvanized Storm Collar, Double Wall	40.62	13.74
		For 2" Wall Instead Of 1", Add	*5.31*	
		For 3" To 4" Wall Instead Of 1", Add	*9.69*	

23 51 16 00-0175 Round Double Wall Flue/Vent Pipe And Fittings *(23 51 16)*

Note: 304 Stainless steel inner wall and aluminum steel outer jacket, with 1" insulation.

23 51 16 00-0176 Round Double Wall Flue/Vent Pipe *(23 51 16 00-0175)*

Note: 304 Stainless steel inner wall and aluminum steel outer jacket, with 1" insulation.

23 51 16 00-0177	LF	6" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	112.78	11.49
		For 316 Stainless Steel, Add	*13.46*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*8.41*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*16.82*	
23 51 16 00-0178	LF	8" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	135.73	13.21
		For 316 Stainless Steel, Add	*16.42*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*10.27*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*20.53*	
23 51 16 00-0179	LF	10" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	150.76	14.28
		For 316 Stainless Steel, Add	*18.40*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*11.50*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*23.00*	
23 51 16 00-0180	LF	12" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	170.12	15.57
		For 316 Stainless Steel, Add	*20.97*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*13.11*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*26.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0181	LF	14" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	191.80	16.32
		For 316 Stainless Steel, Add	*24.14*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*15.09*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*30.18*	
23 51 16 00-0182	LF	16" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	202.56	17.18
		For 316 Stainless Steel, Add	*25.53*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*15.95*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*31.91*	
23 51 16 00-0183	LF	18" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	224.59	18.15
		For 316 Stainless Steel, Add	*28.69*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*17.93*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*35.87*	
23 51 16 00-0184	LF	20" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	276.92	28.66
		For 316 Stainless Steel, Add	*32.85*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*20.53*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*41.06*	
23 51 16 00-0185	LF	24" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	345.21	32.21
		For 316 Stainless Steel, Add	*42.35*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*26.47*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*52.93*	
23 51 16 00-0186	LF	28" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	390.10	34.36
		For 316 Stainless Steel, Add	*48.68*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*30.42*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*60.85*	
23 51 16 00-0187	LF	32" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	436.68	38.12
		For 316 Stainless Steel, Add	*54.61*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*34.13*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*68.27*	
23 51 16 00-0188	LF	36" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	486.34	41.23
		For 316 Stainless Steel, Add	*61.34*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*38.34*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*76.68*	
23 51 16 00-0189	LF	42" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	555.20	46.92
		For 316 Stainless Steel, Add	*70.05*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*43.78*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*87.56*	
23 51 16 00-0190	LF	48" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	650.31	54.33
		For 316 Stainless Steel, Add	*82.32*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*51.45*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*102.90*	

23 51 16 00-0191 90 Degree Elbows *(23 51 16 00-0175)*

23 51 16 00-0192	EA	6" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	536.67	23.73
		For 316 Stainless Steel, Add	*95.48*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*47.74*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*95.48*	
23 51 16 00-0193	EA	8" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	592.87	26.42
		For 316 Stainless Steel, Add	*105.37*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*52.69*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*105.37*	
23 51 16 00-0194	EA	10" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	675.19	28.66
		For 316 Stainless Steel, Add	*120.71*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*60.35*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*120.71*	
23 51 16 00-0195	EA	12" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	763.21	31.24
		For 316 Stainless Steel, Add	*137.03*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*68.52*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*137.03*	
23 51 16 00-0196	EA	14" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	885.71	32.75
		For 316 Stainless Steel, Add	*160.78*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*80.39*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*160.78*	
23 51 16 00-0197	EA	16" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	976.33	34.36
		For 316 Stainless Steel, Add	*178.09*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*89.05*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*178.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0198	EA	18" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,129.26	36.18
		For 316 Stainless Steel, Add	*207.77*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*103.89*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*207.77*	
23 51 16 00-0199	EA	20" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,305.70	57.23
		For 316 Stainless Steel, Add	*232.51*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*116.25*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*232.51*	
23 51 16 00-0200	EA	24" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,608.04	64.42
		For 316 Stainless Steel, Add	*289.40*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*144.70*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*289.40*	
23 51 16 00-0201	EA	28" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,952.70	68.71
		For 316 Stainless Steel, Add	*356.18*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*178.09*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*356.18*	
23 51 16 00-0202	EA	32" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	2,583.26	73.55
		For 316 Stainless Steel, Add	*479.85*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*239.93*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*479.85*	
23 51 16 00-0203	EA	36" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	2,935.56	85.89
		For 316 Stainless Steel, Add	*544.16*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*272.08*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*544.16*	
23 51 16 00-0204	EA	42" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	4,315.43	93.73
		For 316 Stainless Steel, Add	*816.24*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*408.12*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*816.24*	
23 51 16 00-0205	EA	48" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	5,390.13	103.08
		For 316 Stainless Steel, Add	*1,026.49*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*513.24*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*1,026.49*	

23 51 16 00-0206 45 Degree Elbows *(23 51 16 00-0175)*

23 51 16 00-0207	EA	6" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	356.52	22.87
		For 316 Stainless Steel, Add	*59.86*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*29.93*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*59.86*	
23 51 16 00-0208	EA	8" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	407.36	26.42
		For 316 Stainless Steel, Add	*68.27*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*34.13*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*68.27*	
23 51 16 00-0209	EA	10" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	452.54	28.66
		For 316 Stainless Steel, Add	*76.18*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*38.09*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*76.18*	
23 51 16 00-0210	EA	12" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	515.87	31.24
		For 316 Stainless Steel, Add	*87.56*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*43.78*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*87.56*	
23 51 16 00-0211	EA	14" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	581.46	32.75
		For 316 Stainless Steel, Add	*99.93*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*49.96*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*99.93*	
23 51 16 00-0212	EA	16" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	652.30	34.36
		For 316 Stainless Steel, Add	*113.28*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*56.64*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*113.28*	
23 51 16 00-0213	EA	18" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	731.03	36.18
		For 316 Stainless Steel, Add	*128.13*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*64.06*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*128.13*	
23 51 16 00-0214	EA	20" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	875.33	57.23
		For 316 Stainless Steel, Add	*146.43*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*73.22*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*146.43*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0215	EA	24" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,100.99	64.42
		For 316 Stainless Steel, Add	*187.98*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*93.99*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*187.98*	
23 51 16 00-0216	EA	28" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,235.39	68.71
		For 316 Stainless Steel, Add	*212.72*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*106.36*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*212.72*	
23 51 16 00-0217	EA	32" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,606.24	73.55
		For 316 Stainless Steel, Add	*284.45*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*142.22*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*284.45*	
23 51 16 00-0218	EA	36" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	2,131.69	85.89
		For 316 Stainless Steel, Add	*383.39*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*191.69*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*383.39*	
23 51 16 00-0219	EA	42" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	2,831.35	93.73
		For 316 Stainless Steel, Add	*519.43*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*259.71*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*519.43*	
23 51 16 00-0220	EA	48" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	3,782.40	103.08
		For 316 Stainless Steel, Add	*704.94*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*352.47*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*704.94*	
23 51 16 00-0221		**Tees** *(23 51 16 00-0175)*		
23 51 16 00-0222	EA	6" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	385.79	28.66
		For 316 Stainless Steel, Add	*69.11*	
		For Tee Cap, Add	*87.91*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*31.41*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*62.83*	
23 51 16 00-0223	EA	8" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	439.19	31.24
		For 316 Stainless Steel, Add	*79.45*	
		For Tee Cap, Add	*99.55*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*36.11*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*72.23*	
23 51 16 00-0224	EA	10" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	504.76	32.75
		For 316 Stainless Steel, Add	*93.05*	
		For Tee Cap, Add	*113.22*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*42.30*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*84.59*	
23 51 16 00-0225	EA	12" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	580.56	34.36
		For 316 Stainless Steel, Add	*108.83*	
		For Tee Cap, Add	*128.99*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*49.47*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*98.94*	
23 51 16 00-0226	EA	14" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	679.18	38.23
		For 316 Stainless Steel, Add	*128.42*	
		For Tee Cap, Add	*150.15*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*58.37*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*116.75*	
23 51 16 00-0227	EA	16" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	762.77	42.95
		For 316 Stainless Steel, Add	*144.20*	
		For Tee Cap, Add	*168.65*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*65.55*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*131.09*	
23 51 16 00-0228	EA	18" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	889.38	49.07
		For 316 Stainless Steel, Add	*168.69*	
		For Tee Cap, Add	*196.27*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*76.68*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*153.35*	
23 51 16 00-0229	EA	20" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,017.28	60.66
		For 316 Stainless Steel, Add	*190.46*	
		For Tee Cap, Add	*226.19*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*86.57*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*173.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0230	EA	24" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,290.71	85.89
		For 316 Stainless Steel, Add	*236.71*	
		For Tee Cap, Add	*290.35*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*107.60*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*215.19*	
23 51 16 00-0231	EA	28" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,569.88	93.73
		For 316 Stainless Steel, Add	*293.85*	
		For Tee Cap, Add	*349.11*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*133.57*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*267.13*	
23 51 16 00-0232	EA	32" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	2,088.05	103.08
		For 316 Stainless Steel, Add	*402.68*	
		For Tee Cap, Add	*456.26*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*183.04*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*366.07*	
23 51 16 00-0233	EA	36" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	2,327.08	114.57
		For 316 Stainless Steel, Add	*448.93*	
		For Tee Cap, Add	*508.39*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*204.06*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*408.12*	
23 51 16 00-0234	EA	42" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	3,706.83	171.80
		For 316 Stainless Steel, Add	*721.01*	
		For Tee Cap, Add	*805.79*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*327.73*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*655.47*	
23 51 16 00-0235	EA	48" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	4,658.48	206.15
		For 316 Stainless Steel, Add	*911.47*	
		For Tee Cap, Add	*1,009.01*	
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*414.31*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*828.61*	

23 51 16 00-0236 Bellows *(23 51 16 00-0175)*

23 51 16 00-0237	EA	6" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	734.96	22.87
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*67.77*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*135.55*	
23 51 16 00-0238	EA	8" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	800.64	26.42
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*73.46*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*146.92*	
23 51 16 00-0239	EA	10" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	875.54	28.66
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*80.39*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*160.78*	
23 51 16 00-0240	EA	12" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	968.51	31.24
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*89.05*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*178.09*	
23 51 16 00-0241	EA	14" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,083.57	32.75
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*100.18*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*200.35*	
23 51 16 00-0242	EA	16" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,198.94	34.36
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*111.31*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*222.61*	
23 51 16 00-0243	EA	18" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,339.50	36.18
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*124.91*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*249.82*	
23 51 16 00-0244	EA	20" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,553.03	57.23
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*140.99*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*281.98*	
23 51 16 00-0245	EA	24" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,917.24	64.42
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*175.62*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*351.23*	
23 51 16 00-0246	EA	28" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	2,150.59	68.71
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*197.88*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*395.75*	
23 51 16 00-0247	EA	32" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	2,459.70	73.66
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*227.56*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*455.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0248	EA	36" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	2,811.90	85.89
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*259.71*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*519.43*	
23 51 16 00-0249	EA	42" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	3,573.41	93.73
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*333.92*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*667.84*	
23 51 16 00-0250	EA	48" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	4,338.93	103.08
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*408.12*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*816.24*	

23 51 16 00-0251 Ventilated Roof Thimbles *(23 51 16 00-0175)*

23 51 16 00-0252	EA	6" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	486.56	26.42
		For 316 Stainless Steel, Add	*42.05*	
23 51 16 00-0253	EA	8" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	528.24	31.24
		For 316 Stainless Steel, Add	*45.02*	
23 51 16 00-0254	EA	10" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	578.08	34.36
		For 316 Stainless Steel, Add	*49.22*	
23 51 16 00-0255	EA	12" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	624.82	38.23
		For 316 Stainless Steel, Add	*52.93*	
23 51 16 00-0256	EA	14" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	796.12	40.48
		For 316 Stainless Steel, Add	*69.50*	
23 51 16 00-0257	EA	16" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	710.88	42.95
		For 316 Stainless Steel, Add	*60.35*	
23 51 16 00-0258	EA	18" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	765.10	45.84
		For 316 Stainless Steel, Add	*65.05*	
23 51 16 00-0259	EA	20" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	858.60	64.42
		For 316 Stainless Steel, Add	*69.75*	
23 51 16 00-0260	EA	24" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	963.01	73.55
		For 316 Stainless Steel, Add	*77.91*	
23 51 16 00-0261	EA	28" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,100.92	79.24
		For 316 Stainless Steel, Add	*90.28*	
23 51 16 00-0262	EA	32" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,228.73	85.79
		For 316 Stainless Steel, Add	*101.41*	
23 51 16 00-0263	EA	36" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,370.60	102.97
		For 316 Stainless Steel, Add	*111.31*	
23 51 16 00-0264	EA	42" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,757.91	114.46
		For 316 Stainless Steel, Add	*147.17*	
23 51 16 00-0265	EA	48" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	2,177.00	128.74
		For 316 Stainless Steel, Add	*185.51*	

23 51 16 00-0266 Exit Cones *(23 51 16 00-0175)*

23 51 16 00-0267	EA	6" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	336.68	14.92
23 51 16 00-0268	EA	8" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	355.05	16.32
23 51 16 00-0269	EA	10" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	381.80	17.18
23 51 16 00-0270	EA	12" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	398.92	18.04
23 51 16 00-0271	EA	14" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	439.70	18.58
23 51 16 00-0272	EA	16" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	480.49	19.00
23 51 16 00-0273	EA	18" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	583.32	19.65
23 51 16 00-0274	EA	20" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	727.73	36.83
23 51 16 00-0275	EA	24" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	915.33	39.62
23 51 16 00-0276	EA	28" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,092.48	41.23
23 51 16 00-0277	EA	32" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,344.11	42.95
23 51 16 00-0278	EA	36" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,527.05	46.92

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0279	EA	42" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,928.38	49.07
23 51 16 00-0280	EA	48" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	2,466.29	51.54

23 51 16 00-0281 Vent Top Caps *(23 51 16 00-0175)*

23 51 16 00-0282	EA	6" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	368.74	14.92
23 51 16 00-0283	EA	8" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	426.78	16.32
23 51 16 00-0284	EA	10" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	495.55	17.18
23 51 16 00-0285	EA	12" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	569.55	18.04
23 51 16 00-0286	EA	14" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	664.74	18.58
23 51 16 00-0287	EA	16" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	755.11	19.11
23 51 16 00-0288	EA	18" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	840.59	19.65
23 51 16 00-0289	EA	20" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,007.13	36.83
23 51 16 00-0290	EA	24" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,199.78	39.62
23 51 16 00-0291	EA	28" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,302.65	41.23
23 51 16 00-0292	EA	32" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,480.08	42.95
23 51 16 00-0293	EA	36" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,724.80	46.81
23 51 16 00-0294	EA	42" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	2,101.44	49.07
23 51 16 00-0295	EA	48" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	2,441.47	51.54

23 51 16 00-0296 Roof Support Assemblies *(23 51 16 00-0175)*

23 51 16 00-0297	EA	6" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	555.90	27.49
		For 316 Stainless Steel, Add	*97.45*	
23 51 16 00-0298	EA	8" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	613.62	32.75
		For 316 Stainless Steel, Add	*106.36*	
23 51 16 00-0299	EA	10" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	674.09	36.18
		For 316 Stainless Steel, Add	*116.75*	
23 51 16 00-0300	EA	12" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	719.36	40.37
		For 316 Stainless Steel, Add	*123.67*	
23 51 16 00-0301	EA	14" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	802.40	42.95
		For 316 Stainless Steel, Add	*139.01*	
23 51 16 00-0302	EA	16" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	851.64	45.84
		For 316 Stainless Steel, Add	*147.42*	
23 51 16 00-0303	EA	18" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	914.33	49.18
		For 316 Stainless Steel, Add	*158.30*	
23 51 16 00-0304	EA	20" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,012.78	68.71
		For 316 Stainless Steel, Add	*168.20*	
23 51 16 00-0305	EA	24" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,138.17	79.34
		For 316 Stainless Steel, Add	*187.98*	
23 51 16 00-0306	EA	28" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,315.44	85.89
		For 316 Stainless Steel, Add	*220.14*	
23 51 16 00-0307	EA	32" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,569.90	93.73
		For 316 Stainless Steel, Add	*267.13*	
23 51 16 00-0308	EA	36" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,820.02	114.57
		For 316 Stainless Steel, Add	*306.71*	
23 51 16 00-0309	EA	42" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	2,721.35	128.84
		For 316 Stainless Steel, Add	*479.85*	
23 51 16 00-0310	EA	48" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	3,334.37	146.46
		For 316 Stainless Steel, Add	*593.63*	

23 51 16 00-0311 Round Stainless Steel Double Wall Flue/Vent Pipe And Fittings *(23 51 16)*

Note: With 1" insulation.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0312		**Round Stainless Steel Double Wall Flue/Vent Pipe** *(23 51 16 00-0311)* Note: With 1" insulation.		
23 51 16 00-0313	LF	6" Round Flue/Vent Pipe, Stainless Steel Flue/Vent Pipe	97.94	11.49
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*6.93*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*13.85*	
23 51 16 00-0314	LF	7" Round Flue/Vent Pipe, Stainless Steel Flue/Vent Pipe	119.74	12.24
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*8.90*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*17.81*	
23 51 16 00-0315	LF	8" Round Flue/Vent Pipe, Stainless Steel Flue/Vent Pipe	136.97	13.21
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*10.39*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*20.78*	
23 51 16 00-0316	LF	10" Round Flue/Vent Pipe, Stainless Steel Flue/Vent Pipe	186.58	14.28
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*15.09*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*30.18*	
23 51 16 00-0317	LF	12" Round Flue/Vent Pipe, Stainless Steel Flue/Vent Pipe	241.90	15.68
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*20.28*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*40.56*	
23 51 16 00-0318	LF	14" Round Flue/Vent Pipe, Stainless Steel Flue/Vent Pipe	308.14	16.42
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*26.71*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*53.43*	
23 51 16 00-0319		**90 Degree Elbows** *(23 51 16 00-0311)*		
23 51 16 00-0320	EA	6" Round Flue/Vent, 90 Degree Elbow, Stainless Steel Flue/Vent Pipe	211.86	22.87
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*15.46*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*30.92*	
23 51 16 00-0321	EA	7" Round Flue/Vent, 90 Degree Elbow, Stainless Steel Flue/Vent Pipe	234.44	24.48
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*17.31*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*34.63*	
23 51 16 00-0322	EA	8" Round Flue/Vent, 90 Degree Elbow, Stainless Steel Flue/Vent Pipe	263.94	26.42
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*19.79*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*39.58*	
23 51 16 00-0323	EA	10" Round Flue/Vent, 90 Degree Elbow, Stainless Steel Flue/Vent Pipe	328.87	28.66
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*25.72*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*51.45*	
23 51 16 00-0324	EA	12" Round Flue/Vent, 90 Degree Elbow, Stainless Steel Flue/Vent Pipe	392.21	31.24
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*31.41*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*62.83*	
23 51 16 00-0325	EA	14" Round Flue/Vent, 90 Degree Elbow, Stainless Steel Flue/Vent Pipe	457.74	32.75
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*37.60*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*75.19*	
23 51 16 00-0326		**45 Degree Elbows** *(23 51 16 00-0311)*		
23 51 16 00-0327	EA	6" Round Flue/Vent, 45 Degree Elbow, Stainless Steel Flue/Vent Pipe	173.22	22.87
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*11.59*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*23.19*	
23 51 16 00-0328	EA	7" Round Flue/Vent, 45 Degree Elbow, Stainless Steel Flue/Vent Pipe	191.16	24.48
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*12.99*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*25.97*	
23 51 16 00-0329	EA	8" Round Flue/Vent, 45 Degree Elbow, Stainless Steel Flue/Vent Pipe	214.48	26.42
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*14.84*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*29.68*	
23 51 16 00-0330	EA	10" Round Flue/Vent, 45 Degree Elbow, Stainless Steel Flue/Vent Pipe	264.55	28.66
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*19.29*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*38.59*	
23 51 16 00-0331	EA	12" Round Flue/Vent, 45 Degree Elbow, Stainless Steel Flue/Vent Pipe	313.65	31.24
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*23.56*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*47.12*	
23 51 16 00-0332	EA	14" Round Flue/Vent, 45 Degree Elbow, Stainless Steel Flue/Vent Pipe	363.80	32.75
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*28.20*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*56.40*	
23 51 16 00-0333		**Tees With Tee Caps** *(23 51 16 00-0311)*		
23 51 16 00-0334	EA	6" Round Flue/Vent, Tee, Stainless Steel Flue/Vent Pipe	349.09	22.87
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*29.19*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*58.37*	
23 51 16 00-0335	EA	7" Round Flue/Vent, Tee, Stainless Steel Flue/Vent Pipe	442.22	24.48
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*38.09*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*76.18*	
23 51 16 00-0336	EA	8" Round Flue/Vent, Tee, Stainless Steel Flue/Vent Pipe	496.41	26.42
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*43.04*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*86.08*	
23 51 16 00-0337	EA	10" Round Flue/Vent, Tee, Stainless Steel Flue/Vent Pipe	677.55	28.66
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*60.60*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*121.20*	
23 51 16 00-0338	EA	12" Round Flue/Vent, Tee, Stainless Steel Flue/Vent Pipe	931.38	31.24
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*85.34*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*170.67*	
23 51 16 00-0339	EA	14" Round Flue/Vent, Tee, Stainless Steel Flue/Vent Pipe	1,194.80	32.75
		For 2" Insulated Wall Instead Of 1" Thickness, Add	*111.31*	
		For 3" Insulated Wall Instead Of 1" Thickness, Add	*222.61*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0340		**Joist Shields** *(23 51 16 00-0311)*		
23 51 16 00-0341	EA	6" Round Flue/Vent, Joist Shield, Stainless Steel Flue/Vent Pipe	146.27	22.87
23 51 16 00-0342	EA	7" Round Flue/Vent, Joist Shield, Stainless Steel Flue/Vent Pipe	157.78	24.48
23 51 16 00-0343	EA	8" Round Flue/Vent, Joist Shield, Stainless Steel Flue/Vent Pipe	184.76	26.42
23 51 16 00-0344	EA	10" Round Flue/Vent, Joist Shield, Stainless Steel Flue/Vent Pipe	231.20	28.66
23 51 16 00-0345	EA	12" Round Flue/Vent, Joist Shield, Stainless Steel Flue/Vent Pipe	277.17	31.24
23 51 16 00-0346	EA	14" Round Flue/Vent, Joist Shield, Stainless Steel Flue/Vent Pipe	329.12	32.75
23 51 16 00-0347		**Adjustable Roof Flashing** *(23 51 16 00-0311)*		
23 51 16 00-0348	EA	6" Round Flue/Vent, Adjustable Roof Flashing, Stainless Steel Flue/Vent Pipe	174.72	22.87
23 51 16 00-0349	EA	7" Round Flue/Vent, Adjustable Roof Flashing, Stainless Steel Flue/Vent Pipe	194.87	24.48
23 51 16 00-0350	EA	8" Round Flue/Vent, Adjustable Roof Flashing, Stainless Steel Flue/Vent Pipe	211.95	26.42
23 51 16 00-0351	EA	10" Round Flue/Vent, Adjustable Roof Flashing, Stainless Steel Flue/Vent Pipe	258.39	28.66
23 51 16 00-0352	EA	12" Round Flue/Vent, Adjustable Roof Flashing, Stainless Steel Flue/Vent Pipe	319.29	31.24
23 51 16 00-0353	EA	14" Round Flue/Vent, Adjustable Roof Flashing, Stainless Steel Flue/Vent Pipe	383.49	32.64
23 51 16 00-0354		**Vent Top Caps** *(23 51 16 00-0311)*		
23 51 16 00-0355	EA	6" Round Flue/Vent Top Caps, Stainless Steel Flue/Vent Pipe	156.17	22.87
23 51 16 00-0356	EA	7" Round Flue/Vent Top Caps, Stainless Steel Flue/Vent Pipe	196.10	24.48
23 51 16 00-0357	EA	8" Round Flue/Vent Top Caps, Stainless Steel Flue/Vent Pipe	246.59	26.42
23 51 16 00-0358	EA	10" Round Flue/Vent Top Caps, Stainless Steel Flue/Vent Pipe	395.69	28.66
23 51 16 00-0359	EA	12" Round Flue/Vent Top Caps, Stainless Steel Flue/Vent Pipe	540.66	31.24
23 51 16 00-0360	EA	14" Round Flue/Vent Top Caps, Stainless Steel Flue/Vent Pipe	690.26	32.75
23 51 16 00-0361		**Roof Support Assemblies** *(23 51 16 00-0311)*		
23 51 16 00-0362	EA	6" Round Flue/Vent, Roof Support Assembly, Stainless Steel Flue/Vent Pipe	234.00	22.87
23 51 16 00-0363	EA	7" Round Flue/Vent, Roof Support Assembly, Stainless Steel Flue/Vent Pipe	260.41	24.48
23 51 16 00-0364	EA	8" Round Flue/Vent, Roof Support Assembly, Stainless Steel Flue/Vent Pipe	282.44	26.42
23 51 16 00-0365	EA	10" Round Flue/Vent, Roof Support Assembly, Stainless Steel Flue/Vent Pipe	356.02	28.66
23 51 16 00-0366	EA	12" Round Flue/Vent, Roof Support Assembly, Stainless Steel Flue/Vent Pipe	421.88	31.24
23 51 16 00-0367	EA	14" Round Flue/Vent, Roof Support Assembly, Stainless Steel Flue/Vent Pipe	517.12	32.75
23 51 16 00-0368		**Polyvinyl Chloride (PVC) Flue/Vent Accessories** *(23 51 16)*		
23 51 16 00-0369		**Concentric Polyvinyl Chloride (PVC) Vent Termination** *(23 51 16 00-0368)*		
23 51 16 00-0370	EA	2" Concentric Polyvinyl Chloride (PVC) Vent Termination	235.32	43.72
23 51 16 00-0371	EA	3" Concentric Polyvinyl Chloride (PVC) Vent Termination	256.45	43.72
23 51 16 00-0372		**Polypropylene (PP) Flue/Vent Pipe And Fittings** *(23 51 16)* Note: Centrotherm InnoFlue® Vent System		
23 51 16 00-0373		**Polypropylene Flue/Vent Rigid Pipe Sections** *(23 51 16 00-0372)* Note: Gasketed rigid single wall polypropylene vent lengths with dedicated male and female ends.		
23 51 16 00-0374	EA	2" x 12" Polypropylene Flue/Vent Rigid Pipe Section	41.57	13.28
23 51 16 00-0375	EA	2" x 24" Polypropylene Flue/Vent Rigid Pipe Section	47.74	13.98
23 51 16 00-0376	EA	2" x 36" Polypropylene Flue/Vent Rigid Pipe Section	54.92	15.54
23 51 16 00-0377	EA	2" x 72" Polypropylene Flue/Vent Rigid Pipe Section	68.62	18.28
23 51 16 00-0378	EA	3" x 12" Polypropylene Flue/Vent Rigid Pipe Section	50.28	15.22
23 51 16 00-0379	EA	3" x 24" Polypropylene Flue/Vent Rigid Pipe Section	61.69	16.03
23 51 16 00-0380	EA	3" x 36" Polypropylene Flue/Vent Rigid Pipe Section	76.48	17.81
23 51 16 00-0381	EA	3" x 72" Polypropylene Flue/Vent Rigid Pipe Section	95.04	20.95
23 51 16 00-0382	EA	4" x 12" Polypropylene Flue/Vent Rigid Pipe Section	85.25	20.14
23 51 16 00-0383	EA	4" x 24" Polypropylene Flue/Vent Rigid Pipe Section	101.77	21.20
23 51 16 00-0384	EA	4" x 36" Polypropylene Flue/Vent Rigid Pipe Section	127.74	23.56
23 51 16 00-0385	EA	4" x 72" Polypropylene Flue/Vent Rigid Pipe Section	166.71	27.72
23 51 16 00-0386	EA	5" x 12" Polypropylene Flue/Vent Rigid Pipe Section	126.51	29.73
23 51 16 00-0387	EA	5" x 24" Polypropylene Flue/Vent Rigid Pipe Section	145.81	31.28
23 51 16 00-0388	EA	5" x 36" Polypropylene Flue/Vent Rigid Pipe Section	192.10	34.77
23 51 16 00-0389	EA	5" x 72" Polypropylene Flue/Vent Rigid Pipe Section	251.52	40.91
23 51 16 00-0390		**Polypropylene Flue/Vent Elbows** *(23 51 16 00-0372)* Note: Gasketed rigid single wall polypropylene vent fittings with dedicated male and female ends.		
23 51 16 00-0391	EA	2" Polypropylene Flue/Vent 15 Degree Elbow	51.51	16.14
23 51 16 00-0392	EA	3" Polypropylene Flue/Vent 15 Degree Elbow	61.05	16.99
23 51 16 00-0393	EA	4" Polypropylene Flue/Vent 15 Degree Elbow	77.75	17.61
23 51 16 00-0394	EA	5" Polypropylene Flue/Vent 15 Degree Elbow	91.17	18.33
23 51 16 00-0395	EA	2" Polypropylene Flue/Vent 30 Degree Elbow	51.51	16.14
23 51 16 00-0396	EA	3" Polypropylene Flue/Vent 30 Degree Elbow	61.05	16.99
23 51 16 00-0397	EA	4" Polypropylene Flue/Vent 30 Degree Elbow	77.75	17.61
23 51 16 00-0398	EA	5" Polypropylene Flue/Vent 30 Degree Elbow	91.17	18.33
23 51 16 00-0399	EA	2" Polypropylene Flue/Vent 45 Degree Elbow	51.51	16.14
23 51 16 00-0400	EA	3" Polypropylene Flue/Vent 45 Degree Elbow	61.05	16.99
23 51 16 00-0401	EA	4" Polypropylene Flue/Vent 45 Degree Elbow	77.75	17.61

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23 51 16 00-0402	EA	5" Polypropylene Flue/Vent 45 Degree Elbow	91.17	18.33
23 51 16 00-0403	EA	2" Polypropylene Flue/Vent 87 Degree Elbow	51.51	16.14
23 51 16 00-0404	EA	3" Polypropylene Flue/Vent 87 Degree Elbow	61.05	16.99
23 51 16 00-0405	EA	4" Polypropylene Flue/Vent 87 Degree Elbow	76.70	17.61
23 51 16 00-0406	EA	5" Polypropylene Flue/Vent 87 Degree Elbow	93.76	18.33
23 51 16 00-0407		**Polypropylene Flue/Vent Tees** *(23 51 16 00-0372)*		
		Note: Gasketed rigid single wall polypropylene vent fittings with dedicated male and female ends.		
23 51 16 00-0408	EA	2" Polypropylene Flue/Vent Tee	170.97	24.21
23 51 16 00-0409	EA	3" Polypropylene Flue/Vent Tee	216.86	25.49
23 51 16 00-0410	EA	4" Polypropylene Flue/Vent Tee	255.94	26.42
23 51 16 00-0411	EA	5" Polypropylene Flue/Vent Tee	280.61	27.49
23 51 16 00-0412		**Polypropylene Flue/Vent Adaptors** *(23 51 16 00-0372)*		
		Note: Gasketed rigid single wall polypropylene vent fittings with dedicated male and female ends.		
23 51 16 00-0413	EA	2" Polypropylene Flue/Vent Adaptor With Gasket	61.74	16.14
23 51 16 00-0414	EA	3" Polypropylene Flue/Vent Adaptor With Gasket	90.84	16.99
23 51 16 00-0415	EA	4" Polypropylene Flue/Vent Adaptor With Gasket	106.59	17.61
23 51 16 00-0416	EA	5" Polypropylene Flue/Vent Adaptor With Gasket	147.55	18.33
23 51 16 00-0417		**Polypropylene Flue/Vent Increases** *(23 51 16 00-0372)*		
		Note: Gasketed rigid single wall polypropylene vent fittings with dedicated male and female ends.		
23 51 16 00-0418	EA	2" to 3" Polypropylene Flue/Vent Centric Increaser	68.92	16.56
23 51 16 00-0419	EA	3" to 4" Polypropylene Flue/Vent Centric Increaser	75.81	17.30
23 51 16 00-0420	EA	4" to 5" Polypropylene Flue/Vent Centric Increaser	141.42	17.96
23 51 16 00-0421	EA	2" to 3" Polypropylene Flue/Vent Eccentric Increaser	95.17	16.56
23 51 16 00-0422	EA	3" to 4" Polypropylene Flue/Vent Eccentric Increaser	73.67	17.30
23 51 16 00-0423	EA	4" to 5" Polypropylene Flue/Vent Eccentric Increaser	197.48	17.96
23 51 16 00-0424		**Polypropylene Flue/Vent Reducers** *(23 51 16 00-0372)*		
		Note: Gasketed rigid single wall polypropylene vent fittings with dedicated male and female ends.		
23 51 16 00-0425	EA	3" to 2" Polypropylene Flue/Vent Reducer	68.92	16.56
23 51 16 00-0426	EA	4" to 3" Polypropylene Flue/Vent Reducer	75.81	17.30
23 51 16 00-0427	EA	5" to 4" Polypropylene Flue/Vent Reducer	176.37	17.96
23 51 16 00-0428		**Polypropylene Flue/Vent Test Ports** *(23 51 16 00-0372)*		
		Note: Gasketed rigid single wall polypropylene vent fittings with dedicated male and female ends.		
23 51 16 00-0429	EA	2" Polypropylene Flue/Vent Test Port	86.19	24.21
23 51 16 00-0430	EA	3" Polypropylene Flue/Vent Test Port	97.33	25.49
23 51 16 00-0431	EA	4" Polypropylene Flue/Vent Test Port	153.82	26.42
23 51 16 00-0432	EA	5" Polypropylene Flue/Vent Test Port	164.51	27.49
23 51 16 00-0433		**Polypropylene Flue/Vent Cascade Components** *(23 51 16 00-0372)*		
		Note: Gasketed rigid single wall polypropylene vent fittings with dedicated male and female ends.		
23 51 16 00-0434	EA	4" x 15" Polypropylene Flue/Vent Branch Tee With 4" Feeder	260.64	26.42
23 51 16 00-0435	EA	4" x 42" Polypropylene Flue/Vent Branch Tee With 4" Feeder	341.95	33.02
23 51 16 00-0436	EA	5" x 12" Polypropylene Flue/Vent Branch Tee With 4" Feeder	212.17	27.49
23 51 16 00-0437	EA	5" x 42" Polypropylene Flue/Vent Branch Tee With 4" Feeder	316.73	34.36
23 51 16 00-0438	EA	3" to 4" Polypropylene Flue/Vent Non-Return Valve	339.00	17.30
23 51 16 00-0439	EA	4" to 4" Polypropylene Flue/Vent Non-Return Valve	393.25	17.96
23 51 16 00-0440		**Polypropylene Flue/Vent Condensate Management** *(23 51 16 00-0372)*		
		Note: Gasketed rigid single wall polypropylene vent fittings with dedicated male and female ends.		
23 51 16 00-0441	EA	2" Polypropylene Flue/Vent Horizontal Drain Tee	121.63	24.21
23 51 16 00-0442	EA	3" Polypropylene Flue/Vent Horizontal Drain Tee	148.45	25.49
23 51 16 00-0443	EA	4" Polypropylene Flue/Vent Horizontal Drain Tee	171.09	26.42
23 51 16 00-0444	EA	5" Polypropylene Flue/Vent Horizontal Drain Tee	196.22	27.49
23 51 16 00-0445	EA	4" Polypropylene Flue/Vent Horizontal Drain Fittings	219.04	26.42
23 51 16 00-0446	EA	5" Polypropylene Flue/Vent Horizontal Drain Fittings	242.11	27.49
23 51 16 00-0447	EA	2" Polypropylene Flue/Vent Tee Cap	72.34	8.07
23 51 16 00-0448	EA	3" Polypropylene Flue/Vent Tee Cap	93.59	8.49
23 51 16 00-0449	EA	4" Polypropylene Flue/Vent Tee Cap	111.72	8.81
23 51 16 00-0450	EA	5" Polypropylene Flue/Vent Tee Cap	146.79	9.16
23 51 16 00-0451	EA	2" Polypropylene Flue/Vent Tee Cap With Drain	136.97	24.21
23 51 16 00-0452	EA	3" Polypropylene Flue/Vent Tee Cap With Drain	169.72	25.49
23 51 16 00-0453	EA	4" Polypropylene Flue/Vent Tee Cap With Drain	197.47	26.42
23 51 16 00-0454	EA	5" Polypropylene Flue/Vent Tee Cap With Drain	239.59	27.49
23 51 16 00-0455		**Polypropylene Flue/Vent Terminations** *(23 51 16 00-0372)*		
23 51 16 00-0456	EA	2" Polypropylene-UV Black Flue/Vent Chimney Cover	183.89	16.14
23 51 16 00-0457	EA	3" Polypropylene-UV Black Flue/Vent Chimney Cover	161.17	16.99
23 51 16 00-0458	EA	4" Polypropylene-UV Black Flue/Vent Chimney Cover	203.08	17.61
23 51 16 00-0459	EA	3" Stainless Steel Chimney Cover With Polypropylene-UV Black End Pipe	422.07	16.99

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0460	EA	4" Stainless Steel Chimney Cover With Polypropylene-UV Black End Pipe	450.88	17.61
23 51 16 00-0461	EA	5" Stainless Steel Chimney Cover With Polypropylene-UV Black End Pipe	527.18	18.33
23 51 16 00-0462	EA	2"/4" Polypropylene-UV Black Flue/Vent B-Vent Chimney Cover Rain Collar	106.07	16.14
23 51 16 00-0463	EA	2"/5" Polypropylene-UV Black Flue/Vent B-Vent Chimney Cover Rain Collar	112.64	16.14
23 51 16 00-0464	EA	2"/6" Polypropylene-UV Black Flue/Vent B-Vent Chimney Cover Rain Collar	119.22	16.14
23 51 16 00-0465	EA	2"/7" Polypropylene-UV Black Flue/Vent B-Vent Chimney Cover Rain Collar	125.79	16.14
23 51 16 00-0466	EA	3"/4" Polypropylene-UV Black Flue/Vent B-Vent Chimney Cover Rain Collar	114.77	16.99
23 51 16 00-0467	EA	3"/5" Polypropylene-UV Black Flue/Vent B-Vent Chimney Cover Rain Collar	121.35	16.99
23 51 16 00-0468	EA	3"/6" Polypropylene-UV Black Flue/Vent B-Vent Chimney Cover Rain Collar	127.92	16.99
23 51 16 00-0469	EA	3"/7" Polypropylene-UV Black Flue/Vent B-Vent Chimney Cover Rain Collar	134.49	16.99
23 51 16 00-0470	EA	4"/5" Polypropylene-UV Black Flue/Vent B-Vent Chimney Cover Rain Collar	129.46	17.61
23 51 16 00-0471	EA	4"/6" Polypropylene-UV Black Flue/Vent B-Vent Chimney Cover Rain Collar	136.03	17.61
23 51 16 00-0472	EA	4"/7" Polypropylene-UV Black Flue/Vent B-Vent Chimney Cover Rain Collar	142.60	17.61
23 51 16 00-0473	EA	2" Polypropylene-UV Black Flue/Vent Low Profile Wall Termination	112.58	16.14
23 51 16 00-0474	EA	3" Polypropylene-UV Black Flue/Vent Low Profile Wall Termination	145.66	16.99
23 51 16 00-0475	EA	2" Polypropylene-UV Black Flue/Vent Termination Tee	128.75	24.21
23 51 16 00-0476	EA	3" Polypropylene-UV Black Flue/Vent Termination Tee	172.03	25.49
23 51 16 00-0477	EA	4" Polypropylene-UV Black Flue/Vent Termination Tee	204.82	26.42
23 51 16 00-0478	EA	5" Polypropylene-UV Black Flue/Vent Termination Tee	226.28	27.49
23 51 16 00-0479	EA	2" x 20" Polypropylene-UV Black Flue/Vent End Pipe	43.74	13.98
23 51 16 00-0480	EA	2" x 39" Polypropylene-UV Black Flue/Vent End Pipe	52.81	15.54
23 51 16 00-0481	EA	3" x 20" Polypropylene-UV Black Flue/Vent End Pipe	52.94	16.03
23 51 16 00-0482	EA	3" x 39" Polypropylene-UV Black Flue/Vent End Pipe	67.01	17.81
23 51 16 00-0483	EA	4" x 20" Polypropylene-UV Black Flue/Vent End Pipe	81.09	21.20
23 51 16 00-0484	EA	5" x 20" Polypropylene-UV Black Flue/Vent End Pipe	111.13	31.28
23 51 16 00-0485	EA	5" x 39" Polypropylene-UV Black Flue/Vent End Pipe	135.92	34.77
23 51 16 00-0486	EA	2" x 24" Polypropylene-UV Black Flue/Vent Vent Length	49.01	13.98
23 51 16 00-0487	EA	3" x 24" Polypropylene-UV Black Flue/Vent Vent Length	63.86	16.03
23 51 16 00-0488	EA	4" x 24" Polypropylene-UV Black Flue/Vent Vent Length	106.64	21.20
23 51 16 00-0489	EA	2" Polypropylene-UV Black Flue/Vent 45 Degree Elbow	53.60	16.14
23 51 16 00-0490	EA	3" Polypropylene-UV Black Flue/Vent 45 Degree Elbow	63.68	16.99
23 51 16 00-0491	EA	4" Polypropylene-UV Black Flue/Vent 45 Degree Elbow	81.11	17.61
23 51 16 00-0492	EA	2" Polypropylene-UV Black Flue/Vent 87 Degree Elbow	52.61	16.14
23 51 16 00-0493	EA	3" Polypropylene-UV Black Flue/Vent 87 Degree Elbow	63.02	16.99
23 51 16 00-0494	EA	4" Polypropylene-UV Black Flue/Vent 87 Degree Elbow	79.96	17.61
23 51 16 00-0495	EA	2" Polypropylene-UV Black Bird Screen For Polypropylene Flue/Vent	35.33	8.07
23 51 16 00-0496	EA	3" Polypropylene-UV Black Bird Screen For Polypropylene Flue/Vent	41.55	8.49
23 51 16 00-0497	EA	4" Polypropylene-UV Black Bird Screen For Polypropylene Flue/Vent	46.85	8.81
23 51 16 00-0498	EA	3" Stainless Steel Bird Screen For Polypropylene Flue/Vent	95.40	8.49
23 51 16 00-0499	EA	5" Stainless Steel Bird Screen For Polypropylene Flue/Vent	109.87	9.16
23 51 16 00-0500		**Polypropylene Flue/Vent Accessories** *(23 51 16 00-0372)*		
23 51 16 00-0501	EA	2" Spacer For Polypropylene Flue/Vent	18.04	4.04
23 51 16 00-0502	EA	3" Spacer For Polypropylene Flue/Vent	17.01	4.25
23 51 16 00-0503	EA	4" Spacer For Polypropylene Flue/Vent	17.51	4.40
23 51 16 00-0504	EA	5" Spacer For Polypropylene Flue/Vent	28.65	4.58
23 51 16 00-0505	EA	2" Flue Clamp For Polypropylene Flue/Vent	34.73	6.06
23 51 16 00-0506	EA	3" Flue Clamp For Polypropylene Flue/Vent	41.11	6.37
23 51 16 00-0507	EA	4" Flue Clamp For Polypropylene Flue/Vent	48.04	6.60
23 51 16 00-0508	EA	2" Support Clamp For Polypropylene Flue/Vent	32.90	6.06
23 51 16 00-0509	EA	4" Support Clamp For Polypropylene Flue/Vent	32.57	6.60
23 51 16 00-0510	EA	5" Support Clamp For Polypropylene Flue/Vent	40.21	6.87
23 51 16 00-0511	EA	3" Plastic Support Clamp For Polypropylene Flue/Vent	24.34	6.37
23 51 16 00-0512	EA	2" Polypropylene-UV Black Wall Plate For Polypropylene Flue/Vent	46.97	16.14
23 51 16 00-0513	EA	3" Polypropylene-UV Black Wall Plate For Polypropylene Flue/Vent	52.14	16.99
23 51 16 00-0514	EA	4" Polypropylene-UV Black Wall Plate For Polypropylene Flue/Vent	56.44	17.61
23 51 16 00-0515	EA	5" Polypropylene-UV Black Wall Plate For Polypropylene Flue/Vent	63.62	18.33
23 51 16 00-0516	EA	2" Single Wall EDPM Gasket For Polypropylene Flue/Vent	4.22	
23 51 16 00-0517	EA	3" Single Wall EDPM Gasket For Polypropylene Flue/Vent	4.72	
23 51 16 00-0518	EA	4" Single Wall EDPM Gasket For Polypropylene Flue/Vent	6.39	
23 51 16 00-0519	EA	5" Single Wall EDPM Gasket For Polypropylene Flue/Vent	10.55	
23 51 16 00-0520	EA	2" Connector Ring For Polypropylene Flue/Vent	14.62	4.04
23 51 16 00-0521	EA	3" Connector Ring For Polypropylene Flue/Vent	16.69	4.25
23 51 16 00-0522	EA	4" Connector Ring For Polypropylene Flue/Vent	18.05	4.40
23 51 16 00-0523	EA	5" Connector Ring For Polypropylene Flue/Vent	20.08	4.58
23 51 16 00-0524	EA	2"/4" Polypropylene Flue/Vent Air Intake, White	78.93	8.07
23 51 16 00-0525	EA	3"/5" Polypropylene Flue/Vent Air Intake, White	80.82	8.49
23 51 16 00-0526	EA	4"/6" Polypropylene Flue/Vent Air Intake, White	58.92	8.81
23 51 16 00-0527	EA	2" Base Support For Polypropylene Flue/Vent	69.06	6.06
23 51 16 00-0528	EA	3" Base Support For Polypropylene Flue/Vent	71.16	6.37
23 51 16 00-0529	EA	4" Base Support For Polypropylene Flue/Vent	96.43	6.60
23 51 16 00-0530	EA	5" Base Support For Polypropylene Flue/Vent	165.38	6.87
23 51 16 00-0531		**Polypropylene Flue/Vent Flex Pipe** *(23 51 16 00-0372)*		
23 51 16 00-0532	LF	2", Up To 50', Polypropylene Flue/Vent Flex Pipe	12.32	1.42
23 51 16 00-0533	LF	2", > 50', Polypropylene Flue/Vent Flex Pipe	10.57	1.42
23 51 16 00-0534	LF	3", Up To 50', Polypropylene Flue/Vent Flex Pipe	15.17	1.67
23 51 16 00-0535	LF	3", > 50', Polypropylene Flue/Vent Flex Pipe	12.97	1.67
23 51 16 00-0536	LF	4", Up To 50', Polypropylene Flue/Vent Flex Pipe	22.04	2.07

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0537	LF	4", > 50', Polypropylene Flue/Vent Flex Pipe	18.66	2.07
23 51 16 00-0538		**Polypropylene Flue/Vent Couplers** *(23 51 16 00-0372)*		
		Note: Gasketed rigid single wall polypropylene vent fittings with dedicated male and female ends.		
23 51 16 00-0539	EA	2" Polypropylene Flue/Vent Coupler, Single Wall to Flex	83.90	16.14
23 51 16 00-0540	EA	2" Polypropylene Flue/Vent Coupler, Flex to Single Wall	94.87	16.14
23 51 16 00-0541	EA	3" Polypropylene Flue/Vent Coupler, Flex to Single Wall	200.54	16.99
23 51 16 00-0542	EA	4" Polypropylene Flue/Vent Coupler, Flex to Single Wall	372.63	17.61
23 51 16 00-0543	EA	2" Polypropylene Flue/Vent Coupler, Flex to Flex	98.11	16.14
23 51 16 00-0544	EA	3" Polypropylene Flue/Vent Coupler, Flex to Flex	240.63	16.99
23 51 16 00-0545	EA	4" Polypropylene Flue/Vent Coupler, Flex to Flex	635.51	17.61
23 51 16 00-0546		**Polypropylene Flue/Vent Flex End Terminations** *(23 51 16 00-0372)*		
23 51 16 00-0547	EA	2" Polypropylene-UV Black Flue/Vent Flex End Pipe Termination	112.67	16.14
23 51 16 00-0548	EA	3" Polypropylene-UV Black Flue/Vent Flex End Pipe Termination	103.13	16.99
23 51 16 00-0549	EA	4" Polypropylene-UV Black Flue/Vent Flex End Pipe Termination	129.10	17.61
23 51 16 00-0550		**Aluminum Flue/Vent Fittings** *(23 51 16)*		
23 51 16 00-0551		**Aluminum Vent Top Caps** *(23 51 16 00-0550)*		
23 51 16 00-0552	EA	3" Aluminum Vent Cap (Star-Kap® 3-SK)	107.80	16.00
23 51 16 00-0553	EA	4" Aluminum Vent Cap (Star-Kap® 4-SK)	114.78	15.68
23 51 16 00-0554	EA	5" Aluminum Vent Cap (Star-Kap® 5-SK)	124.75	16.42
23 51 16 00-0555	EA	6" Aluminum Vent Cap (Star-Kap® 6-SK)	177.04	17.18
23 51 16 00-0556	EA	8" Aluminum Vent Cap (Star-Kap® 8-SK)	198.08	19.11
23 51 16 00-0557	EA	10" Aluminum Vent Cap (Star-Kap® 10-SK)	583.46	20.18
23 51 16 00-0558	EA	12" Aluminum Vent Cap (Star-Kap® 12-SK)	597.55	21.47

23 52 Heating Boilers *(23 50)*

23 52 13 Electric Boilers *(23 52)*

23 52 13 00-0001		**Packaged Electric Steam Boiler** *(23 52 13)*		
		Note: Includes burners, standard controls and safety controls (low water cut-off, high/low temperature and pressure operating controls, flame failure, main and pilot gas control, etc.) Rated by KW and MBH output.		
23 52 13 00-0002	EA	12 KW, 42 MBH Electric Steam Boiler With Packaged Standard Controls	8,312.27	636.83
23 52 13 00-0003	EA	24 KW, 84 MBH Electric Steam Boiler With Packaged Standard Controls	8,974.13	742.97
23 52 13 00-0004	EA	36 KW, 126 MBH Electric Steam Boiler With Packaged Standard Controls	9,630.59	796.04
23 52 13 00-0005	EA	48 KW, 168 MBH Electric Steam Boiler With Packaged Standard Controls	10,720.74	849.11
23 52 13 00-0006	EA	60 KW, 210 MBH Electric Steam Boiler With Packaged Standard Controls	11,784.67	902.19
23 52 13 00-0007	EA	80 KW, 280 MBH Electric Steam Boiler With Packaged Standard Controls	13,755.69	1,008.33
23 52 13 00-0008	EA	100 KW, 350 MBH Electric Steam Boiler With Packaged Standard Controls	15,726.79	1,114.47
23 52 13 00-0009	EA	120 KW, 420 MBH Electric Steam Boiler With Packaged Standard Controls	16,366.23	1,167.54
23 52 13 00-0010	EA	140 KW, 490 MBH Electric Steam Boiler With Packaged Standard Controls	17,235.74	1,220.61
23 52 13 00-0011	EA	160 KW, 560 MBH Electric Steam Boiler With Packaged Standard Controls	22,532.67	1,326.74
23 52 13 00-0012	EA	180 KW, 630 MBH Electric Steam Boiler With Packaged Standard Controls	23,482.83	1,379.81
23 52 13 00-0013	EA	200 KW, 700 MBH Electric Steam Boiler With Packaged Standard Controls	24,901.33	1,583.42
23 52 13 00-0014	EA	220 KW, 770 MBH Electric Steam Boiler With Packaged Standard Controls	25,937.23	1,700.71
23 52 13 00-0015	EA	240 KW, 840 MBH Electric Steam Boiler With Packaged Standard Controls	27,977.57	1,818.00
23 52 13 00-0016	EA	260 KW, 910 MBH Electric Steam Boiler With Packaged Standard Controls	30,130.02	1,993.93
23 52 13 00-0017	EA	280 KW, 980 MBH Electric Steam Boiler With Packaged Standard Controls	32,044.94	2,052.58
23 52 13 00-0018	EA	300 KW, 1,050 MBH Electric Steam Boiler With Packaged Standard Controls	33,593.80	2,111.22
23 52 13 00-0019	EA	320 KW, 1,120 MBH Electric Steam Boiler With Packaged Standard Controls	35,730.89	2,169.87
23 52 13 00-0020	EA	360 KW, 1,260 MBH Electric Steam Boiler With Packaged Standard Controls	37,868.57	2,228.52
23 52 13 00-0021	EA	400 KW, 1,400 MBH Electric Steam Boiler With Packaged Standard Controls	40,518.18	2,345.81
23 52 13 00-0022	EA	460 KW, 1,610 MBH Electric Steam Boiler With Packaged Standard Controls	43,249.89	2,463.10
23 52 13 00-0023	EA	500 KW, 1,750 MBH Electric Steam Boiler With Packaged Standard Controls	45,922.96	2,521.74
23 52 13 00-0024	EA	600 KW, 2,100 MBH Electric Steam Boiler With Packaged Standard Controls	50,858.28	2,580.39
23 52 13 00-0025	EA	700 KW, 2,450 MBH Electric Steam Boiler With Packaged Standard Controls	54,774.04	2,697.68
23 52 13 00-0026	EA	756 KW, 2,646 MBH Electric Steam Boiler With Packaged Standard Controls	56,098.85	2,814.97
23 52 13 00-0027	EA	828 KW, 2,898 MBH Electric Steam Boiler With Packaged Standard Controls	61,643.76	2,990.91
23 52 13 00-0028	EA	936 KW, 3,276 MBH Electric Steam Boiler With Packaged Standard Controls	63,660.42	3,166.83
23 52 13 00-0029	EA	1,008 KW, 3,528 MBH Electric Steam Boiler With Packaged Standard Controls	65,794.37	3,342.77
23 52 13 00-0030	EA	1,116 KW, 3,906 MBH Electric Steam Boiler With Packaged Standard Controls	69,850.42	3,518.70
23 52 13 00-0031	EA	1,224 KW, 4,284 MBH Electric Steam Boiler With Packaged Standard Controls	71,655.75	3,636.00
23 52 13 00-0032	EA	1,368 KW, 4,788 MBH Electric Steam Boiler With Packaged Standard Controls	74,023.76	3,870.58
23 52 13 00-0033	EA	1,440 KW, 5,040 MBH Electric Steam Boiler With Packaged Standard Controls	76,556.08	4,105.16
23 52 13 00-0034	EA	1,512 KW, 5,292 MBH Electric Steam Boiler With Packaged Standard Controls	83,589.85	4,339.74
23 52 13 00-0035	EA	1,620 KW, 5,670 MBH Electric Steam Boiler With Packaged Standard Controls	88,115.05	4,574.32
23 52 13 00-0036		**Packaged Electric Hot Water Boiler** *(23 52 13)*		
		Note: Flush jacketed steel shell. Includes burners, and safety controls (low water cut-off, high/low temperature and pressure operating controls, flame failure, main and pilot gas control, etc.). Rated by KW and MBH output.		
23 52 13 00-0037	EA	9 KW, 31 MBH, Electric Hot Boiler With Packaged Standard Controls	7,298.40	583.76
23 52 13 00-0038	EA	12 KW, 41 MBH, Electric Hot Boiler With Packaged Standard Controls	7,686.68	636.83
23 52 13 00-0039	EA	18 KW, 61 MBH, Electric Hot Boiler With Packaged Standard Controls	8,074.96	689.90

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 13 00-0040	EA	24 KW, 82 MBH, Electric Hot Boiler With Packaged Standard Controls	8,452.39	742.97
23 52 13 00-0041	EA	36 KW, 123 MBH, Electric Hot Boiler With Packaged Standard Controls	8,888.57	796.04
23 52 13 00-0042	EA	48 KW, 164 MBH, Electric Hot Boiler With Packaged Standard Controls	9,208.90	849.11
23 52 13 00-0043	EA	60 KW, 205 MBH Electric Hot Boiler With Packaged Standard Controls	9,597.18	902.19
23 52 13 00-0044	EA	72 KW, 246 MBH Electric Hot Boiler With Packaged Standard Controls	10,179.60	955.26
23 52 13 00-0045	EA	84 KW, 287 MBH Electric Hot Boiler With Packaged Standard Controls	10,692.89	1,008.33
23 52 13 00-0046	EA	90 KW, 307 MBH Electric Hot Boiler With Packaged Standard Controls	11,003.51	1,061.40
23 52 13 00-0047	EA	105 KW, 358 MBH Electric Hot Boiler With Packaged Standard Controls	11,817.52	1,114.47
23 52 13 00-0048	EA	120 KW, 409 MBH Electric Hot Boiler With Packaged Standard Controls	12,585.96	1,167.54
23 52 13 00-0049	EA	135 KW, 461 MBH Electric Hot Boiler With Packaged Standard Controls	13,977.09	1,220.61
23 52 13 00-0050	EA	150 KW, 512 MBH Electric Hot Boiler With Packaged Standard Controls	14,887.89	1,273.68
23 52 13 00-0051	EA	165 KW, 563 MBH Electric Hot Boiler With Packaged Standard Controls	15,651.29	1,326.74
23 52 13 00-0052	EA	180 KW, 614 MBH Electric Hot Boiler With Packaged Standard Controls	16,985.69	1,379.81
23 52 13 00-0053	EA	195 KW, 665 MBH Electric Hot Boiler With Packaged Standard Controls	18,786.98	1,583.42
23 52 13 00-0054	EA	225 KW, 768 MBH Electric Hot Boiler With Packaged Standard Controls	20,185.59	1,700.71
23 52 13 00-0055	EA	240 KW, 819 MBH Electric Hot Boiler With Packaged Standard Controls	21,711.21	1,818.00
23 52 13 00-0056	EA	270 KW, 921 MBH Electric Hot Boiler With Packaged Standard Controls	23,227.11	1,993.93
23 52 13 00-0057	EA	300 KW, 1,024 MBH Electric Hot Boiler With Packaged Standard Controls	24,752.72	2,111.22
23 52 13 00-0058	EA	330 KW, 1,126 MBH Electric Hot Boiler With Packaged Standard Controls	26,182.47	2,228.52
23 52 13 00-0059	EA	360 KW, 1,228 MBH Electric Hot Boiler With Packaged Standard Controls	28,198.68	2,287.16
23 52 13 00-0060	EA	390 KW, 1,331 MBH Electric Hot Boiler With Packaged Standard Controls	30,045.42	2,345.81
23 52 13 00-0061	EA	420 KW, 1,433 MBH Electric Hot Boiler With Packaged Standard Controls	31,814.51	2,463.10
23 52 13 00-0062	EA	450 KW, 1,535 MBH Electric Hot Boiler With Packaged Standard Controls	33,669.19	2,463.10
23 52 13 00-0063	EA	504 KW, 1,720 MBH Electric Hot Boiler With Packaged Standard Controls	36,874.60	2,521.74
23 52 13 00-0064	EA	612 KW, 2,088 MBH Electric Hot Boiler With Packaged Standard Controls	38,577.65	2,580.39
23 52 13 00-0065	EA	684 KW, 2,334 MBH Electric Hot Boiler With Packaged Standard Controls	40,736.83	2,697.68
23 52 13 00-0066	EA	720 KW, 2,457 MBH Electric Hot Boiler With Packaged Standard Controls	42,358.71	2,756.32
23 52 13 00-0067	EA	750 KW, 2,559 MBH Electric Hot Boiler With Packaged Standard Controls	43,986.56	2,814.97
23 52 13 00-0068	EA	810 KW, 2,764 MBH Electric Hot Boiler With Packaged Standard Controls	45,210.61	2,990.91
23 52 13 00-0069	EA	900 KW, 3,071 MBH Electric Hot Boiler With Packaged Standard Controls	47,418.85	3,166.83
23 52 13 00-0070	EA	1,020 KW, 3,480 MBH Electric Hot Boiler With Packaged Standard Controls	55,145.31	3,342.77
23 52 13 00-0071	EA	1,110 KW, 3,787 MBH Electric Hot Boiler With Packaged Standard Controls	60,491.05	3,518.70
23 52 13 00-0072	EA	1,200 KW, 4,094 MBH Electric Hot Boiler With Packaged Standard Controls	62,824.25	3,636.00
23 52 13 00-0073	EA	1350 KW, 4,606 MBH Electric Hot Boiler With Packaged Standard Controls	65,426.94	3,870.58
23 52 13 00-0074	EA	1,440 KW, 4,913 MBH Electric Hot Boiler With Packaged Standard Controls	68,029.62	4,105.16
23 52 13 00-0075	EA	1,560 KW, 5,323 MBH Electric Hot Boiler With Packaged Standard Controls	75,370.53	4,339.74
23 52 13 00-0076	EA	1,680 KW, 5,732 MBH Electric Hot Boiler With Packaged Standard Controls	80,110.78	4,574.32
23 52 13 00-0077	EA	1,740 KW, 5,937 MBH Electric Hot Boiler With Packaged Standard Controls	82,131.04	4,691.61
23 52 13 00-0078	EA	1,800 KW, 6,142 MBH Electric Hot Boiler With Packaged Standard Controls	84,151.31	4,808.90
23 52 13 00-0079	EA	1,980 KW, 6,756 MBH Electric Hot Boiler With Packaged Standard Controls	84,620.47	4,984.84
23 52 13 00-0080	EA	2,100 KW, 7,165 MBH Electric Hot Boiler With Packaged Standard Controls	90,836.98	5,102.12
23 52 13 00-0081	EA	2,220 KW, 7,575 MBH Electric Hot Boiler With Packaged Standard Controls	94,994.80	5,278.06
23 52 13 00-0082	EA	2,600 KW, 8,871 MBH Electric Hot Boiler With Packaged Standard Controls	101,991.90	5,629.93
23 52 13 00-0083	EA	2,960 KW, 10,100 MBH Electric Hot Boiler With Packaged Standard Controls	109,947.55	6,216.38
23 52 13 00-0084	EA	3,240 KW, 11,055 MBH Electric Hot Boiler With Packaged Standard Controls	119,112.51	6,920.13
23 52 13 00-0085	EA	3,360 KW, 11,464 MBH Electric Hot Boiler With Packaged Standard Controls	126,109.60	7,623.86

23 52 16 Condensing Boilers *(23 52)*

23 52 16 13 Stainless-Steel Condensing Boilers *(23 52 16)*

23 52 16 13-0001 Hamilton Evo Series Stainless Steel Condensing Boilers *(23 52 16 13)*

Note: Includes circulating pump, mounting rack, disconnect panel, plumbing and gas manifold, manual reset high limit and LWCO (Cal Code).

23 52 16 13-0002	EA	75 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW79)	12,439.08	424.56
23 52 16 13-0003	EA	127 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW129)	13,140.65	565.51
23 52 16 13-0004	EA	168 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW179)	14,010.47	636.73
23 52 16 13-0005	EA	187 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW199.1)	14,852.16	672.18
23 52 16 13-0006	EA	281 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW299)	19,614.12	778.32
23 52 16 13-0007	EA	374 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW399)	22,708.10	849.01
23 52 16 13-0008	EA	589 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW599)	30,691.96	990.50
23 52 16 13-0009	EA	785 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW798) Note: Includes vent manifold.	42,689.49	1,132.09
23 52 16 13-0010	EA	980 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW998) Note: Includes vent manifold.	52,219.80	1,238.22
23 52 16 13-0011	EA	1,425 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW1499)	75,426.24	1,450.39
23 52 16 13-0012	EA	1,900 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW1999)	83,124.05	1,556.53

23 52 16 13-0013 Buderus SB615 Stainless Steel Condensing Boilers *(23 52 16 13)*

Note: Includes Riello burners. Capacity given is IBR rating.

23 52 16 13-0014	EA	484 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB615/145)	40,667.18	919.81
23 52 16 13-0015	EA	612 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB615/185)	42,527.29	990.50
23 52 16 13-0016	EA	791 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB615/240)	47,698.79	1,132.09
23 52 16 13-0017	EA	1,022 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB615/310)	51,419.00	1,273.56
23 52 16 13-0018	EA	1,317 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB615/400)	56,863.97	1,379.70
23 52 16 13-0019	EA	1,459 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB615/510)	65,142.52	1,450.39
23 52 16 13-0020	EA	2,104 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB615/640)	78,670.86	1,556.53

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 16 13-0021		**Buderus SB735 Stainless Steel Condensing Boilers** *(23 52 16 13)*		
		Note: Includes Riello burners.		
23 52 16 13-0022	EA	2,650 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB735/790)	77,693.51	1,698.02
23 52 16 13-0023	EA	3,251 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB735/970)	90,005.60	1,768.81
23 52 16 13-0024	EA	4,079 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB735/1200)	104,335.58	1,839.61
23 52 16 13-0025		**AERCO Benchmark Stainless-Steel Condensing Boilers** *(23 52 16 13)*		
23 52 16 13-0026	EA	1,500 MBH Water, 120 Volt, 1 Phase, Gas Fired, Stainless Steel Condensing Boiler (AERCO BMK1.5LN)	65,522.30	1,450.39
		Note: Includes gas PRV and pump delay relay.		
23 52 16 13-0027	EA	2,000 MBH Water, 120 Volt, 1 Phase, Gas Fired, Stainless Steel Condensing Boiler (AERCO BMK2.0LN)	77,971.80	1,556.53
		Note: Includes gas PRV and pump delay relay.		
23 52 16 13-0028	EA	3,000 MBH Water, 220 Volt, 1 Phase, 230 Volt, 3 Phase, Gas Fired, Stainless Steel Condensing Boiler (AERCO BMK3000)	112,778.16	1,733.47
		Note: Includes gas PRV and pump delay relay.		
23 52 16 13-0029	EA	3,000 MBH Water, 480 Volt, 3 Phase, Gas Fired, Stainless Steel Condensing Boiler (AERCO BMK3000)	120,312.52	1,733.47
		Note: Includes gas PRV and pump delay relay.		
23 52 16 13-0030		**Laars Neotherm Stainless Steel Condensing Boiler** *(23 52 16 13)*		
		Note: Compliant with SCAQMD. Rated by gross rated input.		
23 52 16 13-0031	EA	80 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH080)	7,955.56	459.90
23 52 16 13-0032	EA	105 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH105)	9,081.57	530.69
23 52 16 13-0033	EA	150 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH150)	10,176.17	636.73
23 52 16 13-0034	EA	210 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH210)	11,333.05	707.52
23 52 16 13-0035	EA	285 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH285)	14,255.76	778.32
23 52 16 13-0036	EA	399 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH399)	18,621.64	849.01
23 52 16 13-0037	EA	500 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH500)	22,370.28	919.81
23 52 16 13-0038	EA	600 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH600)	24,832.96	990.50
23 52 16 13-0039	EA	750 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH750)	26,974.14	1,061.29
23 52 16 13-0040	EA	850 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH850)	29,327.62	1,202.77
23 52 16 13-0041	EA	1,000 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH1000)	41,727.39	1,273.56
23 52 16 13-0042	EA	1,700 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH1700)	55,469.42	1,485.84
23 52 16 13-0043		**Lochinvar Knight Stainless Steel Condensing Boilers** *(23 52 16 13)*		
		Note: Rated by gross rated output.		
23 52 16 13-0044	EA	184 MBH 95% Efficient, Gas Fired, Stainless Steel Heat Exchanger, Condensing Boiler (Lochinvar Knight KBN211)	11,028.35	636.73
23 52 16 13-0045	EA	264 MBH 95% Efficient, Gas Fired, Stainless Steel Heat Exchanger, Condensing Boiler (Lochinvar Knight KHB285N)	14,261.55	707.52
23 52 16 13-0046		**Lochinvar Knight XL Stainless Steel Condensing Boilers** *(23 52 16 13)*		
		Note: Rated by gross rated output.		
23 52 16 13-0047	EA	387 MBH 97% Efficient, Gas Fired, Stainless Steel Heat Exchanger, Condensing Boiler (Lochinvar Knight XL KBX0400N)	16,197.10	813.66
23 52 16 13-0048	EA	485 MBH 97% Efficient, Gas Fired, Stainless Steel Heat Exchanger, Condensing Boiler (Lochinvar Knight XL KBX0500N)	20,180.99	849.01
23 52 16 13-0049	EA	631 MBH 97% Efficient, Gas Fired, Stainless Steel Heat Exchanger, Condensing Boiler (Lochinvar Knight XL KBX0650N)	24,758.36	919.81
23 52 16 13-0050	EA	776 MBH 97% Efficient, Gas Fired, Stainless Steel Heat Exchanger, Condensing Boiler (Lochinvar Knight XL KBX0800N)	29,678.97	955.15
23 52 16 13-0051	EA	969 MBH 97% Efficient, Gas Fired, Stainless Steel Heat Exchanger, Condensing Boiler (Lochinvar Knight XL KBX1000N)	36,282.39	1,025.95
23 52 16 13-0052		**Lochinvar Crest Stainless Steel Condensing Boilers** *(23 52 16 13)*		
		Note: Rated by gross rated output.		
23 52 16 13-0053	EA	1,203 MBH 96% Efficient, Gas Fired, Stainless Steel Firetube, Condensing Boiler (Lochinvar Crest FBN1251)	45,979.83	1,202.56
23 52 16 13-0054	EA	1,443 MBH 96% Efficient, Gas Fired, Stainless Steel Firetube, Condensing Boiler (Lochinvar Crest FBN1501)	47,465.85	1,379.70
23 52 16 13-0055	EA	1,684 MBH 96% Efficient, Gas Fired, Stainless Steel Firetube, Condensing Boiler (Lochinvar Crest FBN1751)	52,032.86	1,467.91
23 52 16 13-0056	EA	1,923 MBH 96% Efficient, Gas Fired, Stainless Steel Firetube, Condensing Boiler (Lochinvar Crest FBN2001)	56,599.86	1,556.53
23 52 16 13-0057	EA	2,400 MBH 96% Efficient, Gas Fired, Stainless Steel Firetube, Condensing Boiler (Lochinvar Crest FBN2501)	66,396.80	1,627.33
23 52 16 13-0058	EA	2,883 MBH 96% Efficient, Gas Fired, Stainless Steel Firetube, Condensing Boiler (Lochinvar Crest FBN3001)	73,557.18	1,698.02
23 52 16 13-0059	EA	3,364 MBH 96% Efficient, Gas Fired, Stainless Steel Firetube, Condensing Boiler (Lochinvar Crest FBN3501)	90,364.58	1,768.81
23 52 16 13-0060	EA	3,843 MBH 96% Efficient, Gas Fired, Stainless Steel Firetube, Condensing Boiler (Lochinvar Crest FBN4001)	99,839.78	1,839.50
23 52 16 13-0061	EA	4,804 MBH 96% Efficient, Gas Fired, Stainless Steel Firetube, Condensing Boiler (Lochinvar Crest FBN5001)	122,479.35	1,910.19
23 52 16 13-0062		**Patterson Kelley Stainless Steel Condensing Boilers** *(23 52 16 13)*		
23 52 16 13-0063		**Patterson Kelley Stainless Steel Condensing Boilers, SOLIS® Series** *(23 52 16 13-0062)*		
23 52 16 13-0064	EA	1,500 MBH 96% Efficient, Gas Fired, Stainless Steel Firetube, Condensing Boiler (Patterson-Kelley SOLIS® SL-1500)	47,195.95	1,450.39
23 52 16 13-0065	EA	3,000 MBH 96% Efficient, Gas Fired, Stainless Steel Firetube, Condensing Boiler (Patterson-Kelley SOLIS® SL-3000)	72,653.57	1,733.47
23 52 16 13-0066		**Patterson Kelley Stainless Steel Condensing Boilers, SONIC® Series** *(23 52 16 13-0062)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 16 13-0067	EA	650 MBH 97% Efficient, Gas Fired, Dual Fuel, Stainless Steel Condensing Boiler (Patterson-Kelley SONIC® SC-650 SCD-650)	24,549.18	1,025.95
23 52 16 13-0068	EA	1,000 MBH 97% Efficient, Gas Fired, Dual Fuel, Stainless Steel Condensing Boiler (Patterson-Kelley SONIC® SC-1000 SCD-1000)	29,507.96	1,273.56
23 52 16 13-0069	EA	2,000 MBH 97% Efficient, Gas Fired, Dual Fuel, Stainless Steel Condensing Boiler (Patterson-Kelley SONIC® SC-2000)	50,161.52	1,556.53
23 52 16 13-0070	EA	4,000 MBH 97% Efficient, Gas Fired, Dual Fuel, Stainless Steel Condensing Boiler (Patterson-Kelley SONIC® SC-4000)	86,305.65	1,839.61
23 52 16 13-0071		Patterson Kelley Stainless Steel Condensing Boilers, STORM® Series *(23 52 16 13-0062)*		
23 52 16 13-0072	EA	1,250 MBH 97% Efficient, Gas Fired, Stainless Steel Condensing Boiler (Patterson-Kelley STORM® ST1250)	35,994.90	1,344.25
23 52 16 13-0073	EA	2,000 MBH 97% Efficient, Gas Fired, Stainless Steel Condensing Boiler (Patterson-Kelley STORM® ST2000)	59,377.43	1,556.53
23 52 16 13-0074	EA	4,000 MBH 97% Efficient, Gas Fired, Stainless Steel Condensing Boiler (Patterson-Kelley STORM® ST4000)	88,266.48	1,839.61
23 52 16 16		**Aluminum Condensing Boilers** *(23 52 16)*		
23 52 16 16-0001		Weil McLain Aluminum Condensing Boilers *(23 52 16 16)*		
23 52 16 16-0002	EA	80 MBH Water Gas Fired Condensing Boiler (Weil McLain Ultra 80) Note: Aluminum block with stainless steel burner. Includes boiler inline circulating pump.	8,994.23	459.90
23 52 16 16-0003	EA	105 MBH Water Gas Fired Condensing Boiler (Weil McLain Ultra 80) Note: Aluminum block with stainless steel burner. Includes boiler inline circulating pump.	9,899.78	530.69
23 52 16 16-0004	EA	155 MBH Water Gas Fired Condensing Boiler (Weil McLain Ultra 80) Note: Aluminum block with stainless steel burner. Includes boiler inline circulating pump.	11,142.56	636.73
23 52 16 16-0005	EA	230 MBH Water Gas Fired Condensing Boiler (Weil McLain Ultra 80) Note: Aluminum block with stainless steel burner. Includes boiler inline circulating pump.	12,510.29	707.52
23 52 16 16-0006	EA	310 MBH Water Gas Fired Condensing Boiler (Weil McLain Ultra 80) Note: Aluminum block with stainless steel burner. Includes boiler inline circulating pump.	16,295.05	813.66
23 52 16 16-0007		Patterson Kelley Mach Series Aluminum Condensing Boilers *(23 52 16 16)* Note: Rated by gross rated output.		
23 52 16 16-0008	EA	300 MBH Water, Gas Fired, Aluminum Condensing Boiler (Patterson Kelley Mach CM300)	15,982.14	778.32
23 52 16 16-0009	EA	450 MBH Water, Gas Fired, Aluminum Condensing Boiler (Patterson Kelley Mach C450)	17,966.43	884.46
23 52 16 16-0010	EA	750 MBH Water, Gas Fired, Aluminum Condensing Boiler (Patterson Kelley Mach C750)	20,399.16	1,061.29
23 52 16 16-0011	EA	900 MBH Water, Gas Fired, Aluminum Condensing Boiler (Patterson Kelley Mach C900)	30,038.40	1,202.77
23 52 16 16-0012	EA	1,050 MBH Water, Gas Fired, Aluminum Condensing Boiler (Patterson Kelley Mach C1050)	31,387.44	1,273.56
23 52 16 16-0013	EA	1,500 MBH Water, Gas Fired, Aluminum Condensing Boiler (Patterson Kelley Mach C1500)	48,435.76	1,450.39
23 52 16 16-0014	EA	2,000 MBH Water, Gas Fired, Aluminum Condensing Boiler (Patterson Kelley Mach C2000)	52,442.69	1,556.53
23 52 16 16-0015	EA	2,500 MBH Water, Gas Fired, Aluminum Condensing Boiler (Patterson Kelley Mach C2500)	78,766.48	1,698.02
23 52 16 16-0016	EA	3,000 MBH Water, Gas Fired, Aluminum Condensing Boiler (Patterson Kelley Mach C3000)	91,476.34	1,733.47
23 52 16 16-0017	EA	4,000 MBH Water, Gas Fired, Aluminum Condensing Boiler (Patterson Kelley Mach C4000)	104,109.60	1,839.61
23 52 16 16-0018		Buderus GB142 Wall Hung Aluminum Condensing Boilers *(23 52 16 16)* Note: Includes standard controls.		
23 52 16 16-0019	EA	75 MBH Water, Gas Fired, Wall Hung Aluminum Condensing Boiler (Buderus GB142/24) Note: Includes an aluminum heat exchanger and three speed circulating pump.	6,784.00	424.56
23 52 16 16-0020	EA	95 MBH Water, Gas Fired, Wall Hung Aluminum Condensing Boiler (Buderus GB142/30) Note: Includes an aluminum heat exchanger and three speed circulating pump.	7,878.04	495.24
23 52 16 16-0021	EA	143 MBH Water, Gas Fired, Wall Hung Aluminum Condensing Boiler (Buderus GB142/45) Note: Includes an aluminum heat exchanger and three speed circulating pump.	9,075.30	601.38
23 52 16 16-0022	EA	193 MBH Water, Gas Fired, Wall Hung Aluminum Condensing Boiler (Buderus GB142/60) Note: Includes an aluminum heat exchanger and three speed circulating pump.	9,930.60	672.18
23 52 16 16-0023	EA	Optional Vertical Or Horizontal 3" Concentric Termination Kit For GB142 (Buderus 60L46)	333.85	106.14
23 52 16 16-0024	EA	Optional Stainless Steel Concentric Hood For GB142 (Buderus SJT3)	434.92	106.14
23 52 16 16-0025	EA	Optional GB Floor Stand For GB142 (Buderus 7098265)	921.21	106.14
23 52 16 16-0026		Buderus GB162 Wall Hung Aluminum Condensing Boilers *(23 52 16 16)* Note: Includes standard controls.		
23 52 16 16-0027	EA	290 MBH Water, Gas Fired, Wall Hung Aluminum Condensing Boiler (Buderus GB162/80) Note: Includes an aluminum heat exchanger, connection pump module, low loss header, outdoor reset module, outdoor temperature sensor, and 1-1/2" unions.	11,220.82	778.32
23 52 16 16-0028	EA	333 MBH Water, Gas Fired, Wall Hung Aluminum Condensing Boiler (Buderus GB162/100) Note: Includes an aluminum heat exchanger, connection pump module, low loss header, outdoor reset module, outdoor temperature sensor, and 1-1/2" unions.	13,880.33	813.66
23 52 16 16-0029	EA	580 MBH Water, Gas Fired, Frame Mounted Aluminum Condensing Boiler In Line Cascade Package (Two Boilers) (Buderus GB162/80-TL2) Note: Includes an aluminum heat exchangers, connection pump module, inline cascade package (stand), RC35 controller, outdoor temperature sensor, MCM10 intelligent sequencing module, WM10 low loss header module and insulation package.	26,960.65	955.15
23 52 16 16-0030	EA	580 MBH Water, Gas Fired, Frame Mounted Aluminum Condensing Boiler Back To Back Cascade Package (Two Boilers) (Buderus GB162/80-TR2) Note: Includes an aluminum heat exchangers, connection pump module, back to back cascade package (stand), RC35 controller, outdoor temperature sensor, MCM10 intelligent sequencing module, WM10 low loss header module and insulation package.	25,179.29	955.15
23 52 16 16-0031	EA	666 MBH Water, Gas Fired, Frame Mounted Aluminum Condensing Boiler In Line Cascade Package (Two Boilers) (Buderus GB162/100-TL2) Note: Includes an aluminum heat exchangers, connection pump module, inline cascade package (stand), RC35 controller, outdoor temperature sensor, MCM10 intelligent sequencing module, WM10 low loss header module and insulation package.	32,279.67	1,025.95

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 16 16-0032	EA	666 MBH Water, Gas Fired, Frame Mounted Aluminum Condensing Boiler Back To Back Cascade Package (Two Boilers) (Buderus GB162/100-TR2) Note: Includes an aluminum heat exchangers, connection pump module, back to back cascade package (stand), RC35 controller, outdoor temperature sensor, MCM10 intelligent sequencing module, WM10 low loss header module and insulation package.	30,498.32	1,025.95
23 52 16 16-0033	EA	870 MBH Water, Gas Fired, Frame Mounted Aluminum Condensing Boiler In Line Cascade Package (Three Boilers) (Buderus GB162/80-TL3) Note: Includes an aluminum heat exchangers, connection pump module, inline cascade package (stand), RC35 controller, outdoor temperature sensor, MCM10 intelligent sequencing module, WM10 low loss header module and insulation package.	37,526.61	1,202.77
23 52 16 16-0034	EA	999 MBH Water, Gas Fired, Frame Mounted Aluminum Condensing Boiler In Line Cascade Package (Three Boilers) (Buderus GB162/100-TL3) Note: Includes an aluminum heat exchangers, connection pump module, inline cascade package (stand), RC35 controller, outdoor temperature sensor, MCM10 intelligent sequencing module, WM10 low loss header module and insulation package.	45,399.03	1,273.56
23 52 16 16-0035	EA	1,160 MBH Water, Gas Fired, Frame Mounted Aluminum Condensing Boiler In Line Cascade Package (Four Boilers) (Buderus GB162/80-TL4) Note: Includes an aluminum heat exchangers, connection pump module, inline cascade package (stand), RC35 controller, outdoor temperature sensor, MCM10 intelligent sequencing module, WM10 low loss header module and insulation package.	46,655.18	1,344.25
23 52 16 16-0036	EA	1,160 MBH Water, Gas Fired, Frame Mounted Aluminum Condensing Boiler Back To Back Cascade Package (Four Boilers) (Buderus GB162/80-TR4) Note: Includes an aluminum heat exchangers, connection pump module, back to back cascade package (stand), RC35 controller, outdoor temperature sensor, MCM10 intelligent sequencing module, WM10 low loss header module and insulation package.	47,368.62	1,344.25
23 52 16 16-0037	EA	1,332 MBH Water, Gas Fired, Frame Mounted Aluminum Condensing Boiler In Line Cascade Package (Four Boilers) (Buderus GB162/100-TL4) Note: Includes an aluminum heat exchangers, connection pump module, inline cascade package (stand), RC35 controller, outdoor temperature sensor, MCM10 intelligent sequencing module, WM10 low loss header module and insulation package.	56,974.83	1,379.70
23 52 16 16-0038	EA	1,332 MBH Water, Gas Fired, Frame Mounted Aluminum Condensing Boiler Back To Back Cascade Package (Four Boilers) (Buderus GB162/100-TR4) Note: Includes an aluminum heat exchangers, connection pump module, back to back cascade package (stand), RC35 controller, outdoor temperature sensor, MCM10 intelligent sequencing module, WM10 low loss header module and insulation package.	57,688.28	1,379.70
23 52 16 16-0039	EA	EMS Control Module For Condensing Boiler (Buderus RC35)	758.00	106.14
23 52 16 16-0040		Buderus GB312 Aluminum Condensing Boilers *(23 52 16 16)* Note: Includes standard controls.		
23 52 16 16-0041	EA	305 MBH Water, Gas Fired, Aluminum Condensing Boiler (Buderus GB312/90) Note: Includes an aluminum heat exchanger.	16,151.14	778.32
23 52 16 16-0042	EA	409 MBH Water, Gas Fired, Aluminum Condensing Boiler (Buderus GB312/120) Note: Includes an aluminum heat exchanger.	18,847.06	849.01
23 52 16 16-0043	EA	544 MBH Water, Gas Fired, Aluminum Condensing Boiler (Buderus GB312/160) Note: Includes an aluminum heat exchanger.	23,641.19	937.42
23 52 16 16-0044	EA	676 MBH Water, Gas Fired, Aluminum Condensing Boiler (Buderus GB312/200) Note: Includes an aluminum heat exchanger.	27,187.53	1,025.95
23 52 16 16-0045	EA	810 MBH Water, Gas Fired, Aluminum Condensing Boiler (Buderus GB312/240) Note: Includes an aluminum heat exchanger.	32,544.63	1,132.09
23 52 16 16-0046	EA	944 MBH Water, Gas Fired, Aluminum Condensing Boiler (Buderus GB312/280) Note: Includes an aluminum heat exchanger.	35,938.98	1,238.22
23 52 16 16-0047	EA	Optional CSD-1 Kit Consisting Of High And Low Gas Pressure Switches For GB312 (Buderus 7747019985)	490.63	53.07
23 52 16 16-0048	EA	Optional L4006E1125 Manual Reset Aquastat For GB312 (Buderus L4006E1125)	267.26	53.07
23 52 16 16-0049	EA	Optional Hydrolevel 550 low Water Cut-Off For GB312 (Buderus 550)	380.04	53.07
23 52 16 16-0050	EA	Optional Condensate Neutralization Tank For GB312 (Buderus 63035899)	798.96	53.07
23 52 16 19		**Copper Water-Tube Condensing Boilers** *(23 52 16)*		
23 52 16 19-0001		Laars Rheos+ Copper Fin Tube Condensing Boilers *(23 52 16 19)*		
23 52 16 19-0002	EA	1,200 MBH Water, Gas Fired, Copper Fin Tube Condensing Boiler (Laars Rheos+)	45,407.19	1,344.25
23 52 16 19-0003	EA	1,600 MBH Water, Gas Fired, Copper Fin Tube Condensing Boiler (Laars Rheos+)	51,201.92	1,485.84
23 52 16 19-0004	EA	2,000 MBH Water, Gas Fired, Copper Fin Tube Condensing Boiler (Laars Rheos+)	56,039.25	1,556.53
23 52 16 19-0005	EA	2,400 MBH Water, Gas Fired, Copper Fin Tube Condensing Boiler (Laars Rheos+)	60,481.73	1,627.33
23 52 16 23		**Cast Iron Condensing Boilers** *(23 52 16)*		
23 52 16 23-0001		Hydrotherm KN Cast Iron Condensing Boilers *(23 52 16 23)* Note: Rated by gross rated output.		
23 52 16 23-0002	EA	199 MBH Water, Gas Fired, Cast Iron Condensing Boiler (Hydrotherm KN-2)	15,955.49	672.18
23 52 16 23-0003	EA	399 MBH Water, Gas Fired, Cast Iron Condensing Boiler (Hydrotherm KN-4)	23,373.60	849.01
23 52 16 23-0004	EA	600 MBH Water, Gas Fired, Cast Iron Condensing Boiler (Hydrotherm KN-6)	38,482.11	990.50
23 52 16 23-0005	EA	1,000 MBH Water, Gas Fired, Cast Iron Condensing Boiler (Hydrotherm KN-10)	50,515.72	1,273.56
23 52 16 23-0006	EA	1,600 MBH Water, Gas Fired, Cast Iron Condensing Boiler (Hydrotherm KN-16)	87,874.02	1,485.84
23 52 16 23-0007	EA	1,999 MBH Water, Gas Fired, Cast Iron Condensing Boiler (Hydrotherm KN-20)	73,496.62	1,556.53
23 52 16 23-0008	EA	2,600 MBH Water, Gas Fired, Cast Iron Condensing Boiler (Hydrotherm KN-26)	122,417.74	1,698.02
23 52 16 23-0009	EA	3,000 MBH Water, Gas Fired, Cast Iron Condensing Boiler (Hydrotherm KN-30)	133,948.61	1,733.47
23 52 23		**Cast-Iron Boilers** *(23 52)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 23 00-0001		**Weil-McLain Model 80 Cast Iron Boiler** *(23 52 23)* Note: Capacities are the net AHRI ratings for steam or water MBH output. Includes burner unit and controls. Excludes flue piping, fuel piping, boiler base or pad.		
23 52 23 00-0002		**Gas Fired Weil-McLain Model 80 Cast Iron Boiler** *(23 52 23 00-0001)* Note: Field assembled boilers can only be used in situations where package units cannot be installed.		
23 52 23 00-0003	EA	209 MBH Steam, 242 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 380) Note: Includes field assembly of individual sections and testing.	17,182.84	3,350.88
23 52 23 00-0004	EA	297 MBH Steam, 344 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 480) Note: Includes field assembly of individual sections and testing.	18,787.26	3,574.27
23 52 23 00-0005	EA	386 MBH Steam, 448 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 580) Note: Includes field assembly of individual sections and testing.	20,543.18	3,797.66
23 52 23 00-0006	EA	476 MBH Steam, 551 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 680) Note: Includes field assembly of individual sections and testing.	22,176.19	4,021.05
23 52 23 00-0007	EA	565 MBH Steam, 655 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 780) Note: Includes field assembly of individual sections and testing.	23,684.45	4,244.45
23 52 23 00-0008	EA	654 MBH Steam, 758 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 880) Note: Includes field assembly of individual sections and testing.	25,748.54	4,467.84
23 52 23 00-0009	EA	743 MBH Steam, 862 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 980) Note: Includes field assembly of individual sections and testing.	27,344.18	4,691.23
23 52 23 00-0010	EA	833 MBH Steam, 965 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 1080) Note: Includes field assembly of individual sections and testing.	28,611.24	4,914.62
23 52 23 00-0011	EA	922 MBH Steam, 1,069 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 1180) Note: Includes field assembly of individual sections and testing.	29,873.66	5,138.02
23 52 23 00-0012	EA	1,018 MBH Steam, 1,172 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 1280) Note: Includes field assembly of individual sections and testing.	31,331.14	5,361.41
23 52 23 00-0013		**Gas Fired Package Weil-McLain Model 80 Cast Iron Boiler** *(23 52 23 00-0001)*		
23 52 23 00-0014	EA	209 MBH Steam, 242 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 380) Note: Fire tested factory assembled package unit.	12,266.60	469.16
23 52 23 00-0015	EA	297 MBH Steam, 344 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 480) Note: Fire tested factory assembled package unit.	13,633.55	469.16
23 52 23 00-0016	EA	386 MBH Steam, 448 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 580) Note: Fire tested factory assembled package unit.	15,623.75	586.45
23 52 23 00-0017	EA	476 MBH Steam, 551 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 680) Note: Fire tested factory assembled package unit.	17,017.56	586.45
23 52 23 00-0018	EA	565 MBH Steam, 655 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 780) Note: Fire tested factory assembled package unit.	18,760.38	703.74
23 52 23 00-0019	EA	654 MBH Steam, 758 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 880) Note: Fire tested factory assembled package unit.	20,603.71	703.74
23 52 23 00-0020	EA	743 MBH Steam, 862 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 980) Note: Fire tested factory assembled package unit.	22,431.34	821.04
23 52 23 00-0021	EA	833 MBH Steam, 965 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 1080) Note: Fire tested factory assembled package unit.	23,931.02	938.33
23 52 23 00-0022	EA	922 MBH Steam, 1,069 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 1180) Note: Fire tested factory assembled package unit.	24,958.70	938.33
23 52 23 00-0023	EA	1018 MBH Steam, 1172 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 1280) Note: Fire tested factory assembled package unit.	26,646.39	1,055.61
23 52 23 00-0024		**Gas/Oil Fired Weil-McLain Model 80 Cast Iron Boiler** *(23 52 23 00-0001)* Note: Field assembled boilers can only be used in situations where package units cannot be installed.		
23 52 23 00-0025	EA	209 MBH Steam, 242 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 380) Note: Includes field assembly of individual sections and testing.	17,981.52	3,350.88
23 52 23 00-0026	EA	297 MBH Steam, 344 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.	19,728.72	3,574.27
23 52 23 00-0027	EA	386 MBH Steam, 448 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.	21,398.41	3,797.66
23 52 23 00-0028	EA	476 MBH Steam, 551 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.	23,263.25	4,021.05
23 52 23 00-0029	EA	565 MBH Steam, 655 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.	24,801.19	4,244.45
23 52 23 00-0030	EA	654 MBH Steam, 758 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.	27,046.23	4,467.84
23 52 23 00-0031	EA	743 MBH Steam, 862 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.	28,458.10	4,691.23
23 52 23 00-0032	EA	833 MBH Steam, 965 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.	29,831.18	4,914.62
23 52 23 00-0033	EA	922 MBH Steam, 1069 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.	31,095.01	5,138.02
23 52 23 00-0034	EA	1,018 MBH Steam, 1172 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.	32,590.66	5,361.41
23 52 23 00-0035		**Gas/Oil Fired Package Weil-McLain Model 80 Cast Iron Boiler** *(23 52 23 00-0001)*		
23 52 23 00-0036	EA	209 MBH Steam, 242 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 380) Note: Fire tested factory assembled package cast iron unit.	13,065.28	469.16
23 52 23 00-0037	EA	297 MBH Steam, 344 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 480) Note: Fire tested factory assembled package cast iron unit.	14,575.01	469.16
23 52 23 00-0038	EA	386 MBH Steam, 448 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 580) Note: Fire tested factory assembled package cast iron unit.	16,478.98	586.45
23 52 23 00-0039	EA	476 MBH Steam, 551 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 680) Note: Fire tested factory assembled package cast iron unit.	18,104.62	586.45

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 23 00-0040	EA	565 MBH Steam, 655 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 780) Note: Fire tested factory assembled package cast iron unit.	19,877.12	703.74
23 52 23 00-0041	EA	654 MBH Steam, 758 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 880) Note: Fire tested factory assembled package cast iron unit.	21,901.40	703.74
23 52 23 00-0042	EA	743 MBH Steam, 862 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 980) Note: Fire tested factory assembled package cast iron unit.	23,545.26	821.04
23 52 23 00-0043	EA	833 MBH Steam, 965 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 1080) Note: Fire tested factory assembled package cast iron unit.	25,150.95	938.33
23 52 23 00-0044	EA	922 MBH Steam, 1,069 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 1180) Note: Fire tested factory assembled package cast iron unit.	26,180.05	938.33
23 52 23 00-0045	EA	1,018 MBH Steam, 1,172 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 1280) Note: Fire tested factory assembled package cast iron unit.	27,905.90	1,055.61
23 52 23 00-0046		Weil-McLain Model 88 Cast Iron Boiler *(23 52 23)* Note: Capacities are the net AHRI ratings for steam or water MBH output. Includes burner unit and controls. Excludes flue piping, fuel piping, boiler base or pad.		
23 52 23 00-0047		Gas Fired Weil-McLain Model 88 Cast Iron Boiler *(23 52 23 00-0046)* Note: Field assembled boilers can only be used in situations where package units cannot be installed.		
23 52 23 00-0048	EA	629 MBH Steam, 730 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 488) Note: Includes field assembly of individual sections and testing.	27,949.38	5,026.32
23 52 23 00-0049	EA	845 MBH Steam, 979 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 588) Note: Includes field assembly of individual sections and testing.	30,866.47	5,333.48
23 52 23 00-0050	EA	1072 MBH Steam, 1229 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 688) Note: Includes field assembly of individual sections and testing.	34,476.33	5,640.65
23 52 23 00-0051	EA	1,311 MBH Steam, 1,478 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 788) Note: Includes field assembly of individual sections and testing.	37,657.37	5,947.81
23 52 23 00-0052	EA	1,543 MBH Steam, 1,728 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 888) Note: Includes field assembly of individual sections and testing.	40,423.68	6,254.97
23 52 23 00-0053	EA	1,766 MBH Steam, 1,977 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 988) Note: Includes field assembly of individual sections and testing.	44,430.95	6,562.14
23 52 23 00-0054	EA	1,988 MBH Steam, 2,227 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 1088) Note: Includes field assembly of individual sections and testing.	47,223.27	6,869.30
23 52 23 00-0055	EA	2,211 MBH Steam, 2,477 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 1188) Note: Includes field assembly of individual sections and testing.	49,693.99	7,176.46
23 52 23 00-0056	EA	2,434 MBH Steam, 2,726 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 1288) Note: Includes field assembly of individual sections and testing.	52,991.25	7,483.63
23 52 23 00-0057	EA	2,657 MBH Steam, 2,976 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 1388) Note: Includes field assembly of individual sections and testing.	55,644.04	7,790.79
23 52 23 00-0058	EA	2,880 MBH Steam, 3,225 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 1488) Note: Includes field assembly of individual sections and testing.	59,997.96	8,097.95
23 52 23 00-0059	EA	3,102 MBH Steam, 3,475 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 1588) Note: Includes field assembly of individual sections and testing.	62,522.26	8,405.12
23 52 23 00-0060	EA	3,325 MBH Steam, 3,724 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 1688) Note: Includes field assembly of individual sections and testing.	65,199.44	8,712.28
23 52 23 00-0061	EA	3,548 MBH Steam, 3,974 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 1788) Note: Includes field assembly of individual sections and testing.	68,182.08	9,019.44
23 52 23 00-0062	EA	3,771 MBH Steam, 4,223 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 1888) Note: Includes field assembly of individual sections and testing.	70,609.52	9,326.61
23 52 23 00-0063		Gas Fired Package Weil-McLain Model 88 Cast Iron Boiler *(23 52 23 00-0046)*		
23 52 23 00-0064	EA	629 MBH Steam, 730 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 488) Note: Fire tested factory assembled package unit.	22,451.13	821.04
23 52 23 00-0065	EA	845 MBH Steam, 979 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 588) Note: Fire tested factory assembled package unit.	25,464.77	938.33
23 52 23 00-0066	EA	1,072 MBH Steam, 1,229 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 688) Note: Fire tested factory assembled package unit.	29,188.04	1,055.61
23 52 23 00-0067	EA	1,311 MBH Steam, 1,478 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 788) Note: Fire tested factory assembled package unit.	32,451.89	1,172.90
23 52 23 00-0068	EA	1,543 MBH Steam, 1,728 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 888) Note: Fire tested factory assembled package unit.	34,843.70	1,172.90
23 52 23 00-0069	EA	1,766 MBH Steam, 1,977 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 988) Note: Fire tested factory assembled package unit.	38,951.45	1,290.19
23 52 23 00-0070	EA	1,988 MBH Steam, 2,227 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 1088) Note: Fire tested factory assembled package unit.	41,372.95	1,290.19
23 52 23 00-0071	EA	2,211 MBH Steam, 2,477 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 1188) Note: Fire tested factory assembled package unit.	43,939.90	1,407.48
23 52 23 00-0072	EA	2,434 MBH Steam, 2,726 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 1288) Note: Fire tested factory assembled package unit.	46,867.47	1,407.48
23 52 23 00-0073	EA	2,657 MBH Steam, 2,976 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 1388) Note: Fire tested factory assembled package unit.	49,616.81	1,524.77
23 52 23 00-0074	EA	2,880 MBH Steam, 3,225 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 1488) Note: Fire tested factory assembled package unit.	52,279.85	1,642.06
23 52 23 00-0075	EA	3,102 MBH Steam, 3,475 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 1588) Note: Fire tested factory assembled package unit.	54,434.18	1,642.06
23 52 23 00-0076	EA	3,325 MBH Steam, 3,724 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 1688) Note: Fire tested factory assembled package unit.	57,208.91	1,759.35
23 52 23 00-0077	EA	3,548 MBH Steam, 3,974 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 1788) Note: Fire tested factory assembled package unit.	59,819.83	1,759.35
23 52 23 00-0078	EA	3,771 MBH Steam, 4,223 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 1888) Note: Fire tested factory assembled package unit.	62,373.99	1,876.64

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 23 00-0079		**Gas/Oil Fired Weil-McLain Model 88 Cast Iron Boiler** *(23 52 23 00-0046)*		
		Note: Field assembled boilers can only be used in situations where package units cannot be installed.		
23 52 23 00-0080	EA	629 MBH Steam, 730 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 488)	28,933.24	5,026.32
		Note: Includes field assembly of individual sections and testing.		
23 52 23 00-0081	EA	845 MBH Steam, 979 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 588)	31,844.68	5,333.48
		Note: Includes field assembly of individual sections and testing.		
23 52 23 00-0082	EA	1,072 MBH Steam, 1,229 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 688)	35,708.99	5,640.65
		Note: Includes field assembly of individual sections and testing.		
23 52 23 00-0083	EA	1,311 MBH Steam, 1,478 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 788)	39,014.42	5,947.81
		Note: Includes field assembly of individual sections and testing.		
23 52 23 00-0084	EA	1,543 MBH Steam, 1,728 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 888)	41,642.21	6,254.97
		Note: Includes field assembly of individual sections and testing.		
23 52 23 00-0085	EA	1,766 MBH Steam, 1,977 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 988)	45,573.14	6,562.14
		Note: Includes field assembly of individual sections and testing.		
23 52 23 00-0086	EA	1,988 MBH Steam, 2,227 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 1088)	48,937.97	6,869.30
		Note: Includes field assembly of individual sections and testing.		
23 52 23 00-0087	EA	2,211 MBH Steam, 2,477 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 1188)	51,408.69	7,176.46
		Note: Includes field assembly of individual sections and testing.		
23 52 23 00-0088	EA	2,434 MBH Steam, 2,726 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 1288)	54,672.02	7,483.63
		Note: Includes field assembly of individual sections and testing.		
23 52 23 00-0089	EA	2,657 MBH Steam, 2,976 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 1388)	58,047.16	7,790.79
		Note: Includes field assembly of individual sections and testing.		
23 52 23 00-0090	EA	2,880 MBH Steam, 3,225 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 1488)	62,522.65	8,097.95
		Note: Includes field assembly of individual sections and testing.		
23 52 23 00-0091	EA	3,102 MBH Steam, 3,475 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 1588)	65,896.52	8,405.12
		Note: Includes field assembly of individual sections and testing.		
23 52 23 00-0092	EA	3,325 MBH Steam, 3,724 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 1688)	67,722.72	8,712.28
		Note: Includes field assembly of individual sections and testing.		
23 52 23 00-0093	EA	3,548 MBH Steam, 3,974 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 1788)	70,629.03	9,019.44
		Note: Includes field assembly of individual sections and testing.		
23 52 23 00-0094	EA	3,771 MBH Steam, 4,223 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 1888)	73,083.32	9,326.61
		Note: Includes field assembly of individual sections and testing.		
23 52 23 00-0095		**Gas/Oil Fired Package Weil-McLain Model 88 Cast Iron Boiler** *(23 52 23 00-0046)*		
23 52 23 00-0096	EA	629 MBH Steam, 730 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 488)	23,435.00	821.04
		Note: Fire tested factory assembled package cast iron unit.		
23 52 23 00-0097	EA	845 MBH Steam, 979 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 588)	26,442.98	938.33
		Note: Fire tested factory assembled package cast iron unit.		
23 52 23 00-0098	EA	1,072 MBH Steam, 1,229 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 688)	30,406.56	1,055.61
		Note: Fire tested factory assembled package cast iron unit.		
23 52 23 00-0099	EA	1,311 MBH Steam, 1,478 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 788)	33,808.94	1,172.90
		Note: Fire tested factory assembled package cast iron unit.		
23 52 23 00-0100	EA	1,543 MBH Steam, 1,728 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 888)	36,065.05	1,172.90
		Note: Fire tested factory assembled package cast iron unit.		
23 52 23 00-0101	EA	1,766 MBH Steam, 1,977 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 988)	40,093.64	1,290.19
		Note: Weil-McLain Model 88. Fire tested factory assembled package cast iron unit.		
23 52 23 00-0102	EA	1,988 MBH Steam, 2,227 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 1088)	43,087.65	1,290.19
		Note: Fire tested factory assembled package cast iron unit.		
23 52 23 00-0103	EA	2,211 MBH Steam, 2,477 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 1188)	45,654.60	1,407.48
		Note: Fire tested factory assembled package cast iron unit.		
23 52 23 00-0104	EA	2,434 MBH Steam, 2,726 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 1288)	48,548.24	1,407.48
		Note: Fire tested factory assembled package cast iron unit.		
23 52 23 00-0105	EA	2,657 MBH Steam, 2,976 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 1388)	52,026.99	1,524.77
		Note: Fire tested factory assembled package cast iron unit.		
23 52 23 00-0106	EA	2,880 MBH Steam, 3,225 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 1488)	54,804.54	1,642.06
		Note: Fire tested factory assembled package cast iron unit.		
23 52 23 00-0107	EA	3,102 MBH Steam, 3,475 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 1588)	56,394.84	1,642.06
		Note: Fire tested factory assembled package cast iron unit.		
23 52 23 00-0108	EA	3,325 MBH Steam, 3,724 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 1688)	59,732.19	1,759.35
		Note: Fire tested factory assembled package cast iron unit.		
23 52 23 00-0109	EA	3,548 MBh Steam, 3,974 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 1788)	62,266.77	1,759.35
		Note: Fire tested factory assembled package cast iron unit.		
23 52 23 00-0110	EA	3,771 MBH Steam, 4,223 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 1888)	64,819.52	1,876.64
		Note: Fire tested factory assembled package cast iron unit.		
23 52 23 00-0111		**Weil-McLain Model 94 Cast Iron Boiler** *(23 52 23)*		
		Note: Capacities are the net AHRI ratings for steam or water MBH output. Includes burner unit and controls. Excludes flue piping, fuel piping, boiler base or pad.		
23 52 23 00-0112		**Gas Fired Weil-McLain Model 94 Cast Iron Boiler** *(23 52 23 00-0111)*		
		Note: Field assembled boilers can only be used in situations where package units cannot be installed.		
23 52 23 00-0113	EA	1,584 MBH Steam, 1,784 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-894)	76,332.35	9,773.40
		Note: Includes field assembly of individual sections and testing.		
23 52 23 00-0114	EA	1,800 MBH Steam, 2,050 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-994)	82,766.16	10,331.87
		Note: Includes field assembly of individual sections and testing.		
23 52 23 00-0115	EA	2,024 MBH Steam, 2,310 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-1094)	88,640.94	10,890.35
		Note: Includes field assembly of individual sections and testing.		
23 52 23 00-0116	EA	2,249 MBH Steam, 2,571 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-1194)	94,392.82	11,448.84
		Note: Includes field assembly of individual sections and testing.		
23 52 23 00-0117	EA	2,474 MBH Steam, 2,834 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-1294)	100,198.30	12,007.32
		Note: Includes field assembly of individual sections and testing.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 23 00-0118	EA	2,703 MBH Steam, 3,098 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-1394) Note: Includes field assembly of individual sections and testing.	107,603.25	12,565.80
23 52 23 00-0119	EA	2,928 MBH Steam, 3,362 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-1494) Note: Includes field assembly of individual sections and testing.	113,072.62	13,124.27
23 52 23 00-0120	EA	3,154 MBH Steam, 3,628 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-1594) Note: Includes field assembly of individual sections and testing.	118,364.43	13,682.75
23 52 23 00-0121	EA	3,378 MBH Steam, 3,894 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-1694) Note: Includes field assembly of individual sections and testing.	126,985.26	14,241.24
23 52 23 00-0122	EA	3,604 MBH Steam, 4,162 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-1794) Note: Includes field assembly of individual sections and testing.	132,274.02	14,799.72
23 52 23 00-0123	EA	3,834 MBH Steam, 4,430 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-1894) Note: Includes field assembly of individual sections and testing.	136,809.22	15,358.19
23 52 23 00-0124	EA	4,059 MBH Steam, 4,700 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-1994) Note: Includes field assembly of individual sections and testing.	145,129.16	15,916.67
23 52 23 00-0125	EA	4,285 MBH Steam, 4,970 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-2094) Note: Includes field assembly of individual sections and testing.	150,461.96	16,475.15
23 52 23 00-0126	EA	4,510 MBH Steam, 5,241 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-2194) Note: Includes field assembly of individual sections and testing.	158,973.44	17,033.64
23 52 23 00-0127	EA	4,781 MBH Steam, 5,568 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-2294) Note: Includes field assembly of individual sections and testing.	164,587.93	17,592.12
23 52 23 00-0128	EA	4,961 MBH Steam, 5,787 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-2394) Note: Includes field assembly of individual sections and testing.	170,732.49	18,150.59
23 52 23 00-0129	EA	5,232 MBH Steam, 6,117 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-2494) Note: Includes field assembly of individual sections and testing.	176,008.43	18,709.07
23 52 23 00-0130	EA	5,413 MBH Steam, 6,338 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-2594) Note: Includes field assembly of individual sections and testing.	181,436.37	19,267.55
23 52 23 00-0131		**Gas Fired Package Weil-McLain Model 94 Cast Iron Boiler** *(23 52 23 00-0111)*		
23 52 23 00-0132	EA	1,584 MBH Steam, 1,784 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-894) Note: Fire tested factory assembled package cast iron unit.	68,742.81	1,524.77
23 52 23 00-0133	EA	1,800 MBH Steam, 2,050 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-994) Note: Fire tested factory assembled package cast iron unit.	74,975.20	1,642.06
23 52 23 00-0134	EA	2,024 MBH Steam, 2,310 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-1094) Note: Fire tested factory assembled package cast iron unit.	80,644.99	1,759.35
23 52 23 00-0135	EA	2,249 MBH Steam, 2,571 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-1194) Note: Fire tested factory assembled package cast iron unit.	86,195.98	1,876.64
23 52 23 00-0136	EA	2,474 MBH Steam, 2,834 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-1294) Note: Fire tested factory assembled package cast iron unit.	91,327.35	1,876.64
23 52 23 00-0137	EA	2,703 MBH Steam, 3,098 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-1394) Note: Fire tested factory assembled package cast iron unit.	96,745.63	1,993.93
23 52 23 00-0138	EA	2,928 MBH Steam, 3,362 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-1494) Note: Fire tested factory assembled package cast iron unit.	101,541.97	1,993.93
23 52 23 00-0139	EA	3,154 MBH Steam, 3,628 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-1594) Note: Fire tested factory assembled package cast iron unit.	106,630.73	2,111.22
23 52 23 00-0140	EA	3,378 MBH Steam, 3,894 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-1694) Note: Fire tested factory assembled package cast iron unit.	114,579.40	2,111.22
23 52 23 00-0141	EA	3,604 MBH Steam, 4,162 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-1794) Note: Fire tested factory assembled package cast iron unit.	119,666.72	2,228.52
23 52 23 00-0142	EA	3,834 MBH Steam, 4,430 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-1894) Note: Fire tested factory assembled package cast iron unit.	123,528.68	2,228.52
23 52 23 00-0143	EA	4,059 MBH Steam, 4,700 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-1994) Note: Fire tested factory assembled package cast iron unit.	131,648.31	2,345.81
23 52 23 00-0144	EA	4,285 MBH Steam, 4,970 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-2094) Note: Fire tested factory assembled package cast iron unit.	136,307.54	2,345.81
23 52 23 00-0145	EA	4,510 MBH Steam, 5,241 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-2194) Note: Fire tested factory assembled package cast iron unit.	144,642.04	2,463.10
23 52 23 00-0146	EA	4,781 MBH Steam, 5,568 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-2294) Note: Fire tested factory assembled package cast iron unit.	149,557.12	2,463.10
23 52 23 00-0147	EA	4,961 MBH Steam, 5,787 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-2394) Note: Fire tested factory assembled package cast iron unit.	155,496.93	2,580.39
23 52 23 00-0148	EA	5,232 MBH Steam, 6,117 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-2494) Note: Fire tested factory assembled package cast iron unit.	160,101.02	2,580.39
23 52 23 00-0149	EA	5,413 MBH Steam, 6,338 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-2594) Note: Fire tested factory assembled package cast iron unit.	165,325.47	2,697.68
23 52 23 00-0150		**Oil Fired Weil-McLain Model 94 Cast Iron Boiler** *(23 52 23 00-0111)* Note: Field assembled boilers can only be used in situations where package units cannot be installed.		
23 52 23 00-0151	EA	1,584 MBH Steam, 1,784 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-894) Note: Includes field assembly of individual sections and testing.	72,114.17	9,773.40
23 52 23 00-0152	EA	1,800 MBH Steam, 2,050 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-994) Note: Includes field assembly of individual sections and testing.	78,547.98	10,331.87
23 52 23 00-0153	EA	2,024 MBH Steam, 2,310 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-1094) Note: Includes field assembly of individual sections and testing.	86,376.35	10,890.35
23 52 23 00-0154	EA	2,249 MBH Steam, 2,571 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-1194) Note: Includes field assembly of individual sections and testing.	91,617.92	11,448.84
23 52 23 00-0155	EA	2,474 MBH Steam, 2,834 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-1294) Note: Includes field assembly of individual sections and testing.	97,075.66	12,007.32
23 52 23 00-0156	EA	2,703 MBH Steam, 3,098 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-1394) Note: Includes field assembly of individual sections and testing.	104,091.87	12,565.80
23 52 23 00-0157	EA	2,928 MBH Steam, 3,362 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-1494) Note: Includes field assembly of individual sections and testing.	109,824.17	13,124.27

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 23 00-0158	EA	3,154 MBH Steam, 3,628 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-1594) Note: Includes field assembly of individual sections and testing.	115,118.80	13,682.75
23 52 23 00-0159	EA	3,378 MBH Steam, 3,894 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-1694) Note: Includes field assembly of individual sections and testing.	124,748.95	14,241.24
23 52 23 00-0160	EA	3,604 MBH Steam, 4,162 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-1794) Note: Includes field assembly of individual sections and testing.	130,039.12	14,799.72
23 52 23 00-0161	EA	3,834 MBH Steam, 4,430 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-1894) Note: Includes field assembly of individual sections and testing.	135,327.77	15,358.19
23 52 23 00-0162	EA	4,059 MBH Steam, 4,700 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-1994) Note: Includes field assembly of individual sections and testing.	145,139.06	15,916.67
23 52 23 00-0163	EA	4,285 MBH Steam, 4970 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-2094) Note: Includes field assembly of individual sections and testing.	150,471.85	16,475.15
23 52 23 00-0164	EA	4,510 MBH Steam, 5,241 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-2194) Note: Includes field assembly of individual sections and testing.	159,210.93	17,033.64
23 52 23 00-0165	EA	4,781 MBH Steam, 5,568 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-2294) Note: Includes field assembly of individual sections and testing.	164,824.00	17,592.12
23 52 23 00-0166	EA	4,961 MBH Steam, 5,787 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-2394) Note: Includes field assembly of individual sections and testing.	170,847.00	18,150.59
23 52 23 00-0167	EA	5,232 MBH Steam, 6,117 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-2494) Note: Includes field assembly of individual sections and testing.	176,122.93	18,709.07
23 52 23 00-0168	EA	5,413 MBH Steam, 6,338 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-2594) Note: Includes field assembly of individual sections and testing.	181,559.35	19,267.55
23 52 23 00-0169		**Oil Fired Package Weil-McLain Model 94 Cast Iron Boiler** *(23 52 23 00-0111)*		
23 52 23 00-0170	EA	1,584 MBH Steam, 1,784 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-894) Note: Fire tested factory assembled package cast iron unit.	64,295.63	1,524.77
23 52 23 00-0171	EA	1,800 MBH Steam, 2,050 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-994) Note: Fire tested factory assembled package cast iron unit.	70,528.02	1,642.06
23 52 23 00-0172	EA	2,024 MBH Steam, 2,310 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-1094) Note: Fire tested factory assembled package cast iron unit.	78,151.40	1,759.35
23 52 23 00-0173	EA	2,249 MBH Steam, 2,571 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-1194) Note: Fire tested factory assembled package cast iron unit.	83,192.08	1,876.64
23 52 23 00-0174	EA	2,474 MBH Steam, 2,834 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-1294) Note: Fire tested factory assembled package cast iron unit.	87,975.70	1,876.64
23 52 23 00-0175	EA	2,703 MBH Steam, 3,098 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-1394) Note: Fire tested factory assembled package cast iron unit.	93,005.24	1,993.93
23 52 23 00-0176	EA	2,928 MBH Steam, 3,362 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-1494) Note: Fire tested factory assembled package cast iron unit.	98,064.52	1,993.93
23 52 23 00-0177	EA	3,154 MBH Steam, 3,628 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-1594) Note: Fire tested factory assembled package cast iron unit.	103,153.27	2,111.22
23 52 23 00-0178	EA	3,378 MBH Steam, 3,894 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-1694) Note: Fire tested factory assembled package cast iron unit.	112,114.08	2,111.22
23 52 23 00-0179	EA	3,604 MBH Steam, 4,162 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-1794) Note: Fire tested factory assembled package cast iron unit.	117,199.99	2,228.52
23 52 23 00-0180	EA	3,834 MBH Steam, 4,430 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-1894) Note: Fire tested factory assembled package cast iron unit.	121,818.22	2,228.52
23 52 23 00-0181	EA	4,059 MBH Steam, 4,700 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-1994) Note: Fire tested factory assembled package cast iron unit.	131,429.20	2,345.81
23 52 23 00-0182	EA	4,285 MBH Steam, 4,970 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-2094) Note: Fire tested factory assembled package cast iron unit.	136,088.43	2,345.81
23 52 23 00-0183	EA	4,510 MBH Steam, 5,241 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-2194) Note: Fire tested factory assembled package cast iron unit.	144,622.25	2,463.10
23 52 23 00-0184	EA	4,781 MBH Steam, 5,568 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-2294) Note: Fire tested factory assembled package cast iron unit.	149,564.19	2,463.10
23 52 23 00-0185	EA	4,961 MBH Steam, 5,787 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-2394) Note: Fire tested factory assembled package cast iron unit.	155,382.42	2,580.39
23 52 23 00-0186	EA	5,232 MBH Steam, 6,117 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-2494) Note: Fire tested factory assembled package cast iron unit.	159,986.52	2,580.39
23 52 23 00-0187	EA	5,413 MBH Steam, 6,338 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-2594) Note: Fire tested factory assembled package cast iron unit.	165,219.45	2,697.68
23 52 23 00-0188		**Gas/Oil Fired Weil-McLain Model 94 Cast Iron Boiler** *(23 52 23 00-0111)* Note: Field assembled boilers can only be used in situations where package units cannot be installed.		
23 52 23 00-0189	EA	1,584 MBH Steam, 1,784 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-894) Note: Includes field assembly of individual sections and testing.	77,658.31	9,773.40
23 52 23 00-0190	EA	1,800 MBH Steam, 2,050 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-994) Note: Includes field assembly of individual sections and testing.	84,093.53	10,331.87
23 52 23 00-0191	EA	2,024 MBH Steam, 2,310 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-1094) Note: Includes field assembly of individual sections and testing.	90,330.19	10,890.35
23 52 23 00-0192	EA	2,249 MBH Steam, 2,571 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-1194) Note: Includes field assembly of individual sections and testing.	96,224.84	11,448.84
23 52 23 00-0193	EA	2,474 MBH Steam, 2,834 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-1294) Note: Includes field assembly of individual sections and testing.	101,997.81	12,007.32
23 52 23 00-0194	EA	2,703 MBH Steam, 3,098 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-1394) Note: Includes field assembly of individual sections and testing.	108,267.64	12,565.80
23 52 23 00-0195	EA	2,928 MBH Steam, 3,362 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-1494) Note: Includes field assembly of individual sections and testing.	115,279.25	13,124.27
23 52 23 00-0196	EA	3,154 MBH Steam, 3,628 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-1594) Note: Includes field assembly of individual sections and testing.	120,918.80	13,682.75
23 52 23 00-0197	EA	3,378 MBH Steam, 3,894 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-1694) Note: Includes field assembly of individual sections and testing.	129,761.57	14,241.24

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 23 00-0198	EA	3,604 MBH Steam, 4,162 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-1794) Note: Includes field assembly of individual sections and testing.	135,050.33	14,799.72
23 52 23 00-0199	EA	3,834 MBH Steam, 4,430 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-1894) Note: Includes field assembly of individual sections and testing.	139,684.48	15,358.19
23 52 23 00-0200	EA	4,059 MBH Steam, 4,700 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-1994) Note: Includes field assembly of individual sections and testing.	148,100.55	15,916.67
23 52 23 00-0201	EA	4,285 MBH Steam, 4,970 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-2094) Note: Includes field assembly of individual sections and testing.	154,846.94	16,475.15
23 52 23 00-0202	EA	4,510 MBH Steam, 5,241 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-2194) Note: Includes field assembly of individual sections and testing.	164,116.12	17,033.64
23 52 23 00-0203	EA	4,781 MBH Steam, 5,568 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-2294) Note: Includes field assembly of individual sections and testing.	169,688.20	17,592.12
23 52 23 00-0204	EA	4,961 MBH Steam, 5,787 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-2394) Note: Includes field assembly of individual sections and testing.	176,095.69	18,150.59
23 52 23 00-0205	EA	5,232 MBH Steam, 6,117 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-2494) Note: Includes field assembly of individual sections and testing.	181,373.04	18,709.07
23 52 23 00-0206	EA	5,413 MBH Steam, 6,338 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-2594) Note: Includes field assembly of individual sections and testing.	186,805.22	19,267.55
23 52 23 00-0207		**Gas/Oil Fired Package Weil-McLain Model 94 Cast Iron Boiler** *(23 52 23 00-0111)*		
23 52 23 00-0208	EA	1,584 MBH Steam, 1,784 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-894) Note: Fire tested factory assembled package cast iron unit.	70,171.96	1,524.77
23 52 23 00-0209	EA	1,800 MBH Steam, 2,050 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-994) Note: Fire tested factory assembled package cast iron unit.	76,405.76	1,642.06
23 52 23 00-0210	EA	2,024 MBH Steam, 2,310 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-1094) Note: Fire tested factory assembled package cast iron unit.	82,441.67	1,759.35
23 52 23 00-0211	EA	2,249 MBH Steam, 2,571 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-1194) Note: Fire tested factory assembled package cast iron unit.	88,132.61	1,876.64
23 52 23 00-0212	EA	2,474 MBH Steam, 2,834 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-1294) Note: Fire tested factory assembled package cast iron unit.	93,231.46	1,876.64
23 52 23 00-0213	EA	2,703 MBH Steam, 3,098 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-1394) Note: Fire tested factory assembled package cast iron unit.	97,513.21	1,993.93
23 52 23 00-0214	EA	2,928 MBH Steam, 3,362 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-1494) Note: Fire tested factory assembled package cast iron unit.	103,851.80	1,993.93
23 52 23 00-0215	EA	3,154 MBH Steam, 3,628 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-1594) Note: Fire tested factory assembled package cast iron unit.	109,286.88	2,111.22
23 52 23 00-0216	EA	3,378 MBH Steam, 3,894 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-1694) Note: Fire tested factory assembled package cast iron unit.	117,460.32	2,111.22
23 52 23 00-0217	EA	3,604 MBH Steam, 4,162 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-1794) Note: Fire tested factory assembled package cast iron unit.	122,544.81	2,228.52
23 52 23 00-0218	EA	3,834 MBH Steam, 4,430 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-1894) Note: Fire tested factory assembled package cast iron unit.	126,507.13	2,228.52
23 52 23 00-0219	EA	4,059 MBH Steam, 4,700 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-1994) Note: Fire tested factory assembled package cast iron unit.	134,722.89	2,345.81
23 52 23 00-0220	EA	4,285 MBH Steam, 4,970 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-2094) Note: Fire tested factory assembled package cast iron unit.	140,797.13	2,345.81
23 52 23 00-0221	EA	4,510 MBH Steam, 5,241 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-2194) Note: Fire tested factory assembled package cast iron unit.	149,861.05	2,463.10
23 52 23 00-0222	EA	4,781 MBH Steam, 5,568 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-2294) Note: Fire tested factory assembled package cast iron unit.	154,762.00	2,463.10
23 52 23 00-0223	EA	4,961 MBH Steam, 5,787 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-2394) Note: Fire tested factory assembled package cast iron unit.	160,963.32	2,580.39
23 52 23 00-0224	EA	5,232 MBH Steam, 6,117 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-2494) Note: Fire tested factory assembled package cast iron unit.	165,568.83	2,580.39
23 52 23 00-0225	EA	5,413 MBH Steam, 6,338 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-2594) Note: Fire tested factory assembled package cast iron unit.	170,798.93	2,697.68

23 52 33 Water-Tube Boilers *(23 52)*

23 52 33 16 Steel Water-Tube Boilers *(23 52 33)*

23 52 33 16-0001		**Package Oil Fired Water Tube Boiler** *(23 52 33 16)* Note: Steel shell with insulating jacket, standard safety controls (low water cut-off, high/low temperature and pressure operating controls, flame failure, main and pilot gas control, etc.), burner, copper finned tubes, safety devices, all controls, set-up and wiring. Excludes flue piping, fuel piping, or circulator. Rated by MBH gross rated output.		
23 52 33 16-0002	EA	200 MBH Oil Fired Water Tube Boiler, Steel Shell Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.	14,308.74	938.33
		For Steam System, Add	*2,486.42*	
23 52 33 16-0003	EA	285 MBH Oil Fired Water Tube Boiler, Steel Shell Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.	14,769.36	1,055.61
		For Steam System, Add	*2,531.63*	
23 52 33 16-0004	EA	350 MBH Oil Fired Water Tube Boiler, Steel Shell Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.	15,229.98	1,172.90
		For Steam System, Add	*2,576.83*	
23 52 33 16-0005	EA	430 MBH Oil Fired Water Tube Boiler, Steel Shell Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.	16,048.65	1,290.19
		For Steam System, Add	*2,693.65*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 33 16-0006	EA	520 MBH Oil Fired Water Tube Boiler, Steel Shell Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.	16,874.54	1,407.48
		For Steam System, Add	*2,811.91*	
23 52 33 16-0007	EA	600 MBH Oil Fired Water Tube Boiler, Steel Shell Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.	18,284.51	1,524.77
		For Steam System, Add	*3,046.99*	
23 52 33 16-0008	EA	680 MBH Oil Fired Water Tube Boiler, Steel Shell Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.	19,192.93	1,583.42
		For Steam System, Add	*3,205.22*	
23 52 33 16-0009	EA	770 MBH Oil Fired Water Tube Boiler, Steel Shell Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.	20,101.37	1,642.06
		For Steam System, Add	*3,363.45*	
23 52 33 16-0010	EA	860 MBH Oil Fired Water Tube Boiler, Steel Shell Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.	21,782.58	1,759.35
		For Steam System, Add	*3,652.78*	
23 52 33 16-0011	EA	1,020 MBH Oil Fired Water Tube Boiler, Steel Shell Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.	23,463.81	1,876.64
		For Steam System, Add	*3,942.10*	
23 52 33 16-0012	EA	1,220 MBH Oil Fired Water Tube Boiler, Steel Shell Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.	25,560.45	2,111.22
		For Steam System, Add	*4,267.60*	
23 52 33 16-0013	EA	1,440 MBH Oil Fired Water Tube Boiler, Steel Shell Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.	27,476.25	2,345.81
		For Steam System, Add	*4,556.93*	
23 52 33 16-0014	EA	1,700 MBH Oil Fired Water Tube Boiler, Steel Shell Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.	30,242.45	2,463.10
		For Steam System, Add	*5,063.25*	
23 52 33 16-0015	EA	2,050 MBH Oil Fired Water Tube Boiler, Steel Shell Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.	31,923.67	2,580.39
		For Steam System, Add	*5,352.58*	
23 52 33 16-0016	EA	2,200 MBH Oil Fired Water Tube Boiler, Steel Shell Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.	34,328.24	2,697.68
		For Steam System, Add	*5,786.58*	
23 52 33 16-0017	EA	2,450 MBH Oil Fired Water Tube Boiler, Steel Shell Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.	38,179.42	2,814.97
		For Steam System, Add	*6,509.90*	
23 52 33 16-0018	EA	2,750 MBH Oil Fired Water Tube Boiler, Steel Shell Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.	40,999.38	3,049.54
		For Steam System, Add	*6,980.06*	
23 52 33 16-0019	EA	3,100 MBH Oil Fired Water Tube Boiler, Steel Shell Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.	43,819.35	3,284.12
		For Steam System, Add	*7,450.22*	
23 52 33 16-0020	EA	3,450 MBH Oil Fired Water Tube Boiler, Steel Shell Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.	46,820.13	3,518.70
		For Steam System, Add	*7,956.54*	
23 52 33 16-0021	EA	4,300 MBH Oil Fired Water Tube Boiler, Steel Shell Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.	51,737.71	3,753.29
		For Steam System, Add	*8,846.23*	
23 52 33 16-0022	EA	5,160 MBH Oil Fired Water Tube Boiler, Steel Shell Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.	53,906.69	3,987.87
		For Steam System, Add	*9,186.19*	

23 52 33 16-0023 Package Gas Fired Water Tube Boiler *(23 52 33 16)*

Note: Steel shell with insulating jacket, standard safety controls (low water cut-off, high/low temperature and pressure operating controls, flame failure, main and pilot gas control, etc.), burner, copper finned tubes, safety devices, all controls, set-up and wiring. Excludes flue piping, fuel piping, or circulator. Rated by MBH gross rated output.

23 52 33 16-0024	EA	200 MBH Gas Fired Water Tube Boiler, Steel Shell Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.	14,005.52	938.33
		For Steam System, Add	*2,425.78*	
		For LP Gas Burner, Add	*606.44*	
23 52 33 16-0025	EA	285 MBH Gas Fired Water Tube Boiler, Steel Shell Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.	14,460.62	1,055.61
		For Steam System, Add	*2,469.88*	
		For LP Gas Burner, Add	*617.47*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 33 16-0026	EA	350 MBH Gas Fired Water Tube Boiler, Steel Shell Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.	14,915.73	1,172.90
		For Steam System, Add	*2,513.98*	
		For LP Gas Burner, Add	*628.50*	
23 52 33 16-0027	EA	430 MBH Gas Fired Water Tube Boiler, Steel Shell Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.	15,723.68	1,290.19
		For Steam System, Add	*2,628.66*	
		For LP Gas Burner, Add	*657.16*	
23 52 33 16-0028	EA	520 MBH Gas Fired Water Tube Boiler, Steel Shell Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.	16,531.63	1,407.48
		For Steam System, Add	*2,743.33*	
		For LP Gas Burner, Add	*685.83*	
23 52 33 16-0029	EA	600 MBH Gas Fired Water Tube Boiler, Steel Shell Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.	17,912.92	1,524.77
		For Steam System, Add	*2,972.68*	
		For LP Gas Burner, Add	*743.17*	
23 52 33 16-0030	EA	680 MBH Gas Fired Water Tube Boiler, Steel Shell Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.	18,802.05	1,583.42
		For Steam System, Add	*3,127.04*	
		For LP Gas Burner, Add	*781.76*	
23 52 33 16-0031	EA	770 MBH Gas Fired Water Tube Boiler, Steel Shell Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.	19,691.19	1,642.06
		For Steam System, Add	*3,281.41*	
		For LP Gas Burner, Add	*820.35*	
23 52 33 16-0032	EA	860 MBH Gas Fired Water Tube Boiler, Steel Shell Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.	21,337.12	1,759.35
		For Steam System, Add	*3,563.68*	
		For LP Gas Burner, Add	*890.92*	
23 52 33 16-0033	EA	1,020 MBH Gas Fired Water Tube Boiler, Steel Shell Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.	22,983.07	1,876.64
		For Steam System, Add	*3,845.96*	
		For LP Gas Burner, Add	*961.49*	
23 52 33 16-0034	EA	1,220 MBH Gas Fired Water Tube Boiler, Steel Shell Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.	25,040.01	2,111.22
		For Steam System, Add	*4,163.51*	
		For LP Gas Burner, Add	*1,040.88*	
23 52 33 16-0035	EA	1,440 MBH Gas Fired Water Tube Boiler, Steel Shell Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.	26,920.53	2,345.81
		For Steam System, Add	*4,445.78*	
		For LP Gas Burner, Add	*1,111.45*	
23 52 33 16-0036	EA	1,700 MBH Gas Fired Water Tube Boiler, Steel Shell Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.	29,624.98	2,463.10
		For Steam System, Add	*4,939.76*	
		For LP Gas Burner, Add	*1,234.94*	
23 52 33 16-0037	EA	2,050 MBH Gas Fired Water Tube Boiler, Steel Shell Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.	31,270.92	2,580.39
		For Steam System, Add	*5,222.03*	
		For LP Gas Burner, Add	*1,305.51*	
23 52 33 16-0038	EA	2,220 MBH Gas Fired Water Tube Boiler, Steel Shell Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.	33,622.56	2,697.68
		For Steam System, Add	*5,645.44*	
		For LP Gas Burner, Add	*1,411.36*	
23 52 33 16-0039	EA	2,450 MBH Gas Fired Water Tube Boiler, Steel Shell Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.	37,385.53	2,814.97
		For Steam System, Add	*6,351.12*	
		For LP Gas Burner, Add	*1,587.78*	
23 52 33 16-0040	EA	2,750 MBH Gas Fired Water Tube Boiler, Steel Shell Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.	40,148.15	3,049.54
		For Steam System, Add	*6,809.81*	
		For LP Gas Burner, Add	*1,702.45*	
23 52 33 16-0041	EA	3,100 MBH Gas Fired Water Tube Boiler, Steel Shell Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.	42,910.79	3,284.12
		For Steam System, Add	*7,268.50*	
		For LP Gas Burner, Add	*1,817.13*	
23 52 33 16-0042	EA	3,450 MBH Gas Fired Water Tube Boiler, Steel Shell Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.	45,849.82	3,518.70
		For Steam System, Add	*7,762.48*	
		For LP Gas Burner, Add	*1,940.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 33 16-0043	EA	4,300 MBH Gas Fired Water Tube Boiler, Steel Shell Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.	49,600.38	3,753.29
		For Steam System, Add	*8,418.76*	
		For LP Gas Burner, Add	*2,104.69*	
23 52 33 16-0044	EA	5,160 MBH Gas Fired Water Tube Boiler, Steel Shell Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.	51,727.90	3,987.87
		For Steam System, Add	*8,750.43*	
		For LP Gas Burner, Add	*2,187.61*	

23 52 36 Fire-Box Boiler *(23 52)*

23 52 36 00-0001 Package Oil Fired Firebox Boilers *(23 52 36)*

Note: Prices are good for 15 PSI steam or 30 PSI water. Packaged type, complete with burner and all basic safety controls (low water cut-off, high/low temperature and pressure operating controls, flame failure, main and pilot gas control, etc.) Normally required (Boiler HP). boiler sizes are based on HP rating and gross output.

23 52 36 00-0002	EA	40 HP, 1,339 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	83,899.28	2,814.97
23 52 36 00-0003	EA	46 HP, 1,553 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	87,718.53	3,049.54
23 52 36 00-0004	EA	53 HP, 1,784 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	91,842.27	3,284.12
23 52 36 00-0005	EA	61 HP, 2,062 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	99,316.07	3,518.70
23 52 36 00-0006	EA	69 HP, 2,313 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	103,744.32	3,753.29
23 52 36 00-0007	EA	80 HP, 2,678 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	108,096.60	3,987.87
23 52 36 00-0008	EA	100 HP, 3,348 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	120,229.98	4,222.45
23 52 36 00-0009	EA	127 HP, 4,251 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	139,121.52	4,691.61
23 52 36 00-0010	EA	151 HP, 5,055 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	158,332.92	5,160.77
23 52 36 00-0011	EA	183 HP, 6,126 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	173,702.25	5,688.57
23 52 36 00-0012	EA	220 HP, 7,388 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	189,071.71	6,216.38
23 52 36 00-0013	EA	257 HP, 8,606 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	198,796.87	7,271.99
23 52 36 00-0014	EA	294 HP, 9,842 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	242,250.70	8,327.61
23 52 36 00-0015	EA	368 HP, 12,302 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	286,770.44	9,383.22
23 52 36 00-0016	EA	441 HP, 14,766 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	331,753.25	10,556.12
23 52 36 00-0017	EA	514 HP, 17,220 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	375,692.70	11,435.80

23 52 39 Fire-Tube Boilers *(23 52)*

23 52 39 13 Scotch Marine Boilers *(23 52 39)*

23 52 39 13-0001 15 PSI Steam Scotch Marine Boilers *(23 52 39 13)*

Note: Includes all standard safety controls (low water cut-off, high/low temperature and pressure operating controls, flame failure, main and pilot gas control, etc.), setting boilers and controls. Rated by boiler horsepower and MBH gross rated output.

23 52 39 13-0002 15 PSI Gas Fired Steam Scotch Marine Boilers *(23 52 39 13-0001)*

23 52 39 13-0003	EA	30 HP, 1,033 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	66,879.75	1,290.19
23 52 39 13-0004	EA	40 HP, 1,339 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	71,991.42	1,407.48
23 52 39 13-0005	EA	50 HP, 1,674 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	78,191.83	1,524.77
23 52 39 13-0006	EA	60 HP, 2,009 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	81,713.08	1,759.35
23 52 39 13-0007	EA	70 HP, 2,343 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	85,624.99	1,876.64
23 52 39 13-0008	EA	80 HP, 2,678 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	89,634.94	1,993.93
23 52 39 13-0009	EA	90 HP, 3,013 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	92,401.34	2,052.58
23 52 39 13-0010	EA	100 HP, 3,348 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	97,537.96	2,111.22
23 52 39 13-0011	EA	125 HP, 4,184 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	110,278.39	2,345.81
23 52 39 13-0012	EA	150 HP, 5,021 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	125,305.64	2,580.39
23 52 39 13-0013	EA	175 HP, 5,858 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	137,443.60	2,844.29
23 52 39 13-0014	EA	200 HP, 6,695 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	149,579.15	3,108.19
23 52 39 13-0015	EA	250 HP, 8,369 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	157,803.49	3,636.00
23 52 39 13-0016	EA	300 HP, 10,043 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	191,894.20	4,163.80
23 52 39 13-0017	EA	350 HP, 11,716 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	207,756.42	4,691.61
23 52 39 13-0018	EA	400 HP, 13,390 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	244,590.42	5,219.41
23 52 39 13-0019	EA	500 HP, 16,738 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	297,018.73	5,747.22
23 52 39 13-0020	EA	600 HP, 20,085 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	347,438.88	6,275.03
23 52 39 13-0021	EA	700 HP, 23,433 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	395,708.95	6,802.84

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 39 13-0022	EA	800 HP, 26,780 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	442,045.68	7,330.64
23 52 39 13-0023	EA	900 HP, 30,128 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	687,954.45	7,858.45
23 52 39 13-0024	EA	1,000 HP, 33,476 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	748,510.62	8,386.25
23 52 39 13-0025		**15 PSI Oil Fired Steam Scotch Marine Boilers** *(23 52 39 13-0001)*		
23 52 39 13-0026	EA	30 HP, 1,033 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	61,994.00	1,290.19
23 52 39 13-0027	EA	40 HP, 1,339 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	66,737.93	1,407.48
23 52 39 13-0028	EA	50 HP, 1,674 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	72,481.52	1,524.77
23 52 39 13-0029	EA	60 HP, 2,009 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	78,981.27	1,759.35
23 52 39 13-0030	EA	70 HP, 2,343 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	82,402.85	1,876.64
23 52 39 13-0031	EA	80 HP, 2,678 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	85,818.93	1,993.93
23 52 39 13-0032	EA	90 HP, 3,013 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	89,008.65	2,052.58
23 52 39 13-0033	EA	100 HP, 3,348 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	95,366.52	2,111.22
23 52 39 13-0034	EA	125 HP, 4,184 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	110,381.93	2,345.81
23 52 39 13-0035	EA	150 HP, 5,021 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	125,418.32	2,580.39
23 52 39 13-0036	EA	175 HP, 5,858 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	137,568.47	2,844.29
23 52 39 13-0037	EA	200 HP, 6,695 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	149,716.20	3,108.19
23 52 39 13-0038	EA	250 HP, 8,369 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	157,946.62	3,636.00
23 52 39 13-0039	EA	300 HP, 10,043 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	192,070.84	4,163.80
23 52 39 13-0040	EA	350 HP, 11,716 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	207,945.24	4,691.61
23 52 39 13-0041	EA	400 HP, 13,390 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	244,815.79	5,219.41
23 52 39 13-0042	EA	500 HP, 16,738 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	297,292.82	5,747.22
23 52 39 13-0043	EA	600 HP, 20,085 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	347,761.71	6,275.03
23 52 39 13-0044	EA	700 HP, 23,433 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	396,077.46	6,802.84
23 52 39 13-0045	EA	800 HP, 26,780 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	442,459.87	7,330.64
23 52 39 13-0046	EA	900 HP, 30,128 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	688,609.19	7,858.45
23 52 39 13-0047	EA	1,000 HP, 33,476 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	749,226.87	8,386.25
23 52 39 13-0048		**15 PSI Gas/Oil Fired Steam Scotch Marine Boilers** *(23 52 39 13-0001)*		
23 52 39 13-0049	EA	30 HP, 1,033 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	69,018.14	1,290.19
23 52 39 13-0050	EA	40 HP, 1,339 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	74,290.77	1,407.48
23 52 39 13-0051	EA	50 HP, 1,674 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	80,686.10	1,524.77
23 52 39 13-0052	EA	60 HP, 2,009 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	84,813.40	1,759.35
23 52 39 13-0053	EA	70 HP, 2,343 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	88,475.57	1,876.64
23 52 39 13-0054	EA	80 HP, 2,678 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	92,132.25	1,993.93
23 52 39 13-0055	EA	90 HP, 3,013 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	95,559.52	2,052.58
23 52 39 13-0056	EA	100 HP, 3,348 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	98,987.62	2,111.22
23 52 39 13-0057	EA	125 HP, 4,184 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	114,590.81	2,345.81
23 52 39 13-0058	EA	150 HP, 5,021 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	130,214.99	2,580.39
23 52 39 13-0059	EA	175 HP, 5,858 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	142,828.05	2,844.29
23 52 39 13-0060	EA	200 HP, 6,695 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	155,435.65	3,108.19
23 52 39 13-0061	EA	250 HP, 8,369 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	163,921.90	3,636.00
23 52 39 13-0062	EA	300 HP, 10,043 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	199,380.04	4,163.80

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 39 13-0063	EA	350 HP, 11,716 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	215,826.99	4,691.61
23 52 39 13-0064	EA	400 HP, 13,390 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	254,147.20	5,219.41
23 52 39 13-0065	EA	500 HP, 16,738 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	308,722.58	5,747.22
23 52 39 13-0066	EA	600 HP, 20,085 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	361,204.54	6,275.03
23 52 39 13-0067	EA	700 HP, 23,433 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	411,448.10	6,802.84
23 52 39 13-0068	EA	800 HP, 26,780 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	459,673.04	7,330.64
23 52 39 13-0069	EA	900 HP, 30,128 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	715,993.84	7,858.45
23 52 39 13-0070	EA	1,000 HP, 33,476 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	779,045.91	8,386.25
23 52 39 13-0071		**125 PSI Water Scotch Marine Boilers** *(23 52 39 13)* Note: Includes all standard safety controls (low water cut-off, high/low temperature and pressure operating controls, flame failure, main and pilot gas control, etc.), setting boilers and controls. Rated by boiler horsepower and MBH gross rated output.		
23 52 39 13-0072		**125 PSI Gas Fired Water Scotch Marine Boilers** *(23 52 39 13-0071)*		
23 52 39 13-0073	EA	40 HP, 1,339 MBH 125 PSI Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	79,163.57	1,407.48
23 52 39 13-0074	EA	50 HP, 1,674 MBH 125 PSI Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	88,832.81	1,524.77
23 52 39 13-0075	EA	60 HP, 2,009 MBH 125 PSI Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	95,445.24	1,759.35
23 52 39 13-0076	EA	70 HP, 2,343 MBH 125 PSI Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	102,597.56	1,876.64
23 52 39 13-0077	EA	80 HP, 2,678 MBH 125 PSI Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	109,899.69	1,993.93
23 52 39 13-0078	EA	90 HP, 3,013 MBH 125 PSI Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	115,705.50	2,052.58
23 52 39 13-0079	EA	100 HP, 3,348 MBH 125 PSI Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	124,569.82	2,111.22
23 52 39 13-0080	EA	125 HP, 4,184 MBH 125 PSI Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	133,652.60	2,345.81
23 52 39 13-0081	EA	150 HP, 5,021 MBH 125 PSI Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	145,707.45	2,580.39
23 52 39 13-0082	EA	175 HP, 5,858 MBH 125 PSI Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	155,003.96	2,844.29
23 52 39 13-0083	EA	200 HP, 6,695 MBH 125 PSI Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	160,500.32	3,108.19
23 52 39 13-0084	EA	250 HP, 8,369 MBH 125 PSI Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	194,282.48	3,636.00
23 52 39 13-0085	EA	300 HP, 10,043 MBH 125 PSI Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	226,198.71	4,163.80
23 52 39 13-0086	EA	350 HP, 11,716 MBH 125 PSI Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	243,827.32	4,691.61
23 52 39 13-0087	EA	400 HP, 13,390 MBH 125 PSI Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	272,045.60	5,219.41
23 52 39 13-0088	EA	500 HP, 16,738 MBH 125 PSI Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	329,593.39	5,747.22
23 52 39 13-0089	EA	600 HP, 20,085 MBH 125 PSI Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	385,748.23	6,275.03
23 52 39 13-0090	EA	700 HP, 23,433 MBH 125 PSI Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	439,509.34	6,802.84
23 52 39 13-0091	EA	800 HP, 26,780 MBH 125 PSI Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	491,102.60	7,330.64
23 52 39 13-0092	EA	900 HP, 30,128 MBH 125 PSI Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	765,991.05	7,858.45
23 52 39 13-0093	EA	1,000 HP, 33,476 125 PSI MBH Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	833,490.05	8,386.25
23 52 39 13-0094		**125 PSI Oil Fired Water Scotch Marine Boilers** *(23 52 39 13-0071)*		
23 52 39 13-0095	EA	40 HP, 1,339 MBH 125 PSI Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	73,340.58	1,407.48
23 52 39 13-0096	EA	50 HP, 1,674 MBH 125 PSI Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	82,278.89	1,524.77
23 52 39 13-0097	EA	60 HP, 2,009 MBH 125 PSI Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	92,207.87	1,759.35
23 52 39 13-0098	EA	70 HP, 2,343 MBH 125 PSI Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	98,678.00	1,876.64
23 52 39 13-0099	EA	80 HP, 2,678 MBH 125 PSI Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	105,139.58	1,993.93
23 52 39 13-0100	EA	90 HP, 3,013 MBH 125 PSI Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	111,371.76	2,052.58
23 52 39 13-0101	EA	100 HP, 3,348 MBH 125 PSI Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	121,737.50	2,111.22

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 39 13-0102	EA	125 HP, 4,184 MBH 125 PSI Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	133,777.46	2,345.81
23 52 39 13-0103	EA	150 HP, 5,021 MBH 125 PSI Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	145,841.45	2,580.39
23 52 39 13-0104	EA	175 HP, 5,858 MBH 125 PSI Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	155,147.09	2,844.29
23 52 39 13-0105	EA	200 HP, 6,695 MBH 125 PSI Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	160,649.55	3,108.19
23 52 39 13-0106	EA	250 HP, 8,369 MBH 125 PSI Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	194,462.17	3,636.00
23 52 39 13-0107	EA	300 HP, 10,043 MBH 125 PSI Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	226,408.85	4,163.80
23 52 39 13-0108	EA	350 HP, 11,716 MBH 125 PSI Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	244,052.68	4,691.61
23 52 39 13-0109	EA	400 HP, 13,390 MBH 125 PSI Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	272,298.38	5,219.41
23 52 39 13-0110	EA	500 HP, 16,738 MBH 125 PSI Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	329,900.99	5,747.22
23 52 39 13-0111	EA	600 HP, 20,085 MBH 125 PSI Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	386,110.64	6,275.03
23 52 39 13-0112	EA	700 HP, 23,433 MBH 125 PSI Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	439,923.52	6,802.84
23 52 39 13-0113	EA	800 HP, 26,780 MBH 125 PSI Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	491,565.51	7,330.64
23 52 39 13-0114	EA	900 HP, 30,128 MBH 125 PSI Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	766,724.88	7,858.45
23 52 39 13-0115	EA	1,000 HP, 33,476 MBH 125 PSI Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	834,289.80	8,386.25
23 52 39 13-0116		125 PSI Gas/Oil Fired Water Scotch Marine Boilers *(23 52 39 13-0071)*		
23 52 39 13-0117	EA	40 HP, 1,339 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	81,709.61	1,407.48
23 52 39 13-0118	EA	50 HP, 1,674 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	91,695.58	1,524.77
23 52 39 13-0119	EA	60 HP, 2,009 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	99,115.07	1,759.35
23 52 39 13-0120	EA	70 HP, 2,343 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	106,069.43	1,876.64
23 52 39 13-0121	EA	80 HP, 2,678 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	113,018.29	1,993.93
23 52 39 13-0122	EA	90 HP, 3,013 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	119,737.75	2,052.58
23 52 39 13-0123	EA	100 HP, 3,348 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	126,458.02	2,111.22
23 52 39 13-0124	EA	125 HP, 4,184 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	138,960.90	2,345.81
23 52 39 13-0125	EA	150 HP, 5,021 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	151,487.80	2,580.39
23 52 39 13-0126	EA	175 HP, 5,858 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	161,137.59	2,844.29
23 52 39 13-0127	EA	200 HP, 6,695 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	166,825.82	3,108.19
23 52 39 13-0128	EA	250 HP, 8,369 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	201,960.19	3,636.00
23 52 39 13-0129	EA	300 HP, 10,043 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	235,149.44	4,163.80
23 52 39 13-0130	EA	350 HP, 11,716 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	253,438.92	4,691.61
23 52 39 13-0131	EA	400 HP, 13,390 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	282,774.90	5,219.41
23 52 39 13-0132	EA	500 HP, 16,738 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	342,692.09	5,747.22
23 52 39 13-0133	EA	600 HP, 20,085 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	401,152.37	6,275.03
23 52 39 13-0134	EA	700 HP, 23,433 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	457,121.46	6,802.84
23 52 39 13-0135	EA	800 HP, 26,780 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	510,825.26	7,330.64
23 52 39 13-0136	EA	900 HP, 30,128 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	797,365.64	7,858.45
23 52 39 13-0137	EA	1,000 HP, 33,476 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	867,650.56	8,386.25
23 52 39 13-0138		150 PSI Steam Scotch Marine Boilers *(23 52 39 13)* Note: Includes all standard safety controls (low water cut-off, high/low temperature and pressure operating controls, flame failure, main and pilot gas control, etc.), setting boilers and controls. Rated by boiler horsepower and MBH gross rated output.		
23 52 39 13-0139		150 PSI Gas Fired Steam Scotch Marine Boilers *(23 52 39 13-0138)*		
23 52 39 13-0140	EA	40 HP, 1,339 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	91,899.85	1,407.48

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 39 13-0141	EA	50 HP, 1,674 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	99,817.93	1,524.77
23 52 39 13-0142	EA	60 HP, 2,009 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	104,115.78	1,759.35
23 52 39 13-0143	EA	70 HP, 2,343 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	109,060.11	1,876.64
23 52 39 13-0144	EA	80 HP, 2,678 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	114,132.94	1,993.93
23 52 39 13-0145	EA	90 HP, 3,013 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	117,660.71	2,052.58
23 52 39 13-0146	EA	100 HP, 3,348 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	124,268.31	2,111.22
23 52 39 13-0147	EA	125 HP, 4,184 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	140,550.66	2,345.81
23 52 39 13-0148	EA	150 HP, 5,021 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	159,798.97	2,580.39
23 52 39 13-0149	EA	175 HP, 5,858 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	175,262.62	2,844.29
23 52 39 13-0150	EA	200 HP, 6,695 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	190,723.86	3,108.19
23 52 39 13-0151	EA	250 HP, 8,369 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	200,781.58	3,636.00
23 52 39 13-0152	EA	300 HP, 10,043 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	244,468.67	4,163.80
23 52 39 13-0153	EA	350 HP, 11,716 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	264,431.70	4,691.61
23 52 39 13-0154	EA	400 HP, 13,390 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	311,710.20	5,219.41
23 52 39 13-0155	EA	500 HP, 16,738 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	379,238.09	5,747.22
23 52 39 13-0156	EA	600 HP, 20,085 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	444,130.46	6,275.03
23 52 39 13-0157	EA	700 HP, 23,433 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	506,260.60	6,802.84
23 52 39 13-0158	EA	800 HP, 26,780 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	565,863.53	7,330.64
23 52 39 13-0159	EA	900 HP, 30,128 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	884,915.68	7,858.45
23 52 39 13-0160	EA	1,000 HP, 33,476 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	962,978.34	8,386.25
23 52 39 13-0161		150 PSI Oil Fired Steam Scotch Marine Boilers *(23 52 39 13-0138)*		
23 52 39 13-0162	EA	40 HP, 1,339 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	85,068.80	1,407.48
23 52 39 13-0163	EA	50 HP, 1,674 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	92,396.04	1,524.77
23 52 39 13-0164	EA	60 HP, 2,009 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	100,561.68	1,759.35
23 52 39 13-0165	EA	70 HP, 2,343 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	104,872.55	1,876.64
23 52 39 13-0166	EA	80 HP, 2,678 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	109,174.86	1,993.93
23 52 39 13-0167	EA	90 HP, 3,013 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	113,247.79	2,052.58
23 52 39 13-0168	EA	100 HP, 3,348 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	121,442.09	2,111.22
23 52 39 13-0169	EA	125 HP, 4,184 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	140,681.61	2,345.81
23 52 39 13-0170	EA	150 HP, 5,021 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	159,948.20	2,580.39
23 52 39 13-0171	EA	175 HP, 5,858 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	175,427.08	2,844.29
23 52 39 13-0172	EA	200 HP, 6,695 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	190,903.54	3,108.19
23 52 39 13-0173	EA	250 HP, 8,369 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	200,967.36	3,636.00
23 52 39 13-0174	EA	300 HP, 10,043 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	244,697.08	4,163.80
23 52 39 13-0175	EA	350 HP, 11,716 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	264,678.38	4,691.61
23 52 39 13-0176	EA	400 HP, 13,390 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	312,002.56	5,219.41
23 52 39 13-0177	EA	500 HP, 16,738 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	379,594.41	5,747.22
23 52 39 13-0178	EA	600 HP, 20,085 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	444,550.74	6,275.03
23 52 39 13-0179	EA	700 HP, 23,433 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	506,738.75	6,802.84
23 52 39 13-0180	EA	800 HP, 26,780 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	566,399.54	7,330.64
23 52 39 13-0181	EA	900 HP, 30,128 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	885,768.15	7,858.45

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 39 13-0182	EA	1,000 HP, 33,476 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	963,909.91	8,386.25
23 52 39 13-0183		150 PSI Gas/Oil Fired Steam Scotch Marine Boilers *(23 52 39 13-0138)*		
23 52 39 13-0184	EA	40 HP, 1,339 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	94,887.49	1,407.48
23 52 39 13-0185	EA	50 HP, 1,674 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	103,061.38	1,524.77
23 52 39 13-0186	EA	60 HP, 2,009 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	108,144.97	1,759.35
23 52 39 13-0187	EA	70 HP, 2,343 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	112,766.48	1,876.64
23 52 39 13-0188	EA	80 HP, 2,678 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	117,379.44	1,993.93
23 52 39 13-0189	EA	90 HP, 3,013 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	121,766.05	2,052.58
23 52 39 13-0190	EA	100 HP, 3,348 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	126,150.43	2,111.22
23 52 39 13-0191	EA	125 HP, 4,184 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	146,154.38	2,345.81
23 52 39 13-0192	EA	150 HP, 5,021 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	166,182.34	2,580.39
23 52 39 13-0193	EA	175 HP, 5,858 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	182,261.18	2,844.29
23 52 39 13-0194	EA	200 HP, 6,695 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	198,340.65	3,108.19
23 52 39 13-0195	EA	250 HP, 8,369 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	208,736.43	3,636.00
23 52 39 13-0196	EA	300 HP, 10,043 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	254,199.04	4,163.80
23 52 39 13-0197	EA	350 HP, 11,716 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	274,923.44	4,691.61
23 52 39 13-0198	EA	400 HP, 13,390 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	324,132.79	5,219.41
23 52 39 13-0199	EA	500 HP, 16,738 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	394,456.45	5,747.22
23 52 39 13-0200	EA	600 HP, 20,085 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	462,025.82	6,275.03
23 52 39 13-0201	EA	700 HP, 23,433 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	526,720.27	6,802.84
23 52 39 13-0202	EA	800 HP, 26,780 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	588,777.87	7,330.64
23 52 39 13-0203	EA	900 HP, 30,128 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	921,365.57	7,858.45
23 52 39 13-0204	EA	1,000 HP, 33,476 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	1,002,671.15	8,386.25

23 53 Heating Boiler Feedwater Equipment *(23 50)*

23 53 13 Boiler Feedwater Pumps *(23 53)*

See CSI section 23 53 16 00-0001 for boiler feedwater units.

23 53 16 Deaerators *(23 53)*

23 53 16 00-0001 Boiler Feed System *(23 53 16)*

23 53 16 00-0002 Low Pressure Boiler Feed System *(23 53 16 00-0001)*

Note: With deaerator includes pumps and accessories.

23 53 16 00-0003	EA	20 HP, 200 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System	6,857.09	1,326.45
23 53 16 00-0004	EA	34 HP, 340 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System	7,405.42	1,562.70
23 53 16 00-0005	EA	54 HP, 530 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System	7,953.67	1,617.44
23 53 16 00-0006	EA	67 HP, 660 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System	8,207.90	1,676.79
23 53 16 00-0007	EA	78 HP, 760 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System	8,685.76	1,792.04
23 53 16 00-0008	EA	104 HP, 1,020 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System	13,877.30	1,941.85
23 53 16 00-0009	EA	158 HP, 1,550 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System	15,655.52	2,074.39
23 53 16 00-0010	EA	219 HP, 2,150 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System	17,947.08	2,362.49
23 53 16 00-0011	EA	254 HP, 2,500 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System	19,748.67	2,535.36
23 53 16 00-0012	EA	305 HP, 3,000 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System	21,276.72	2,708.23

23 53 16 00-0013 High Pressure Boiler Feed System *(23 53 16 00-0001)*

Note: With deaerator includes pumps and accessories.

23 53 16 00-0014	EA	10 HP, 100 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System	9,504.07	1,130.89
23 53 16 00-0015	EA	20 HP, 200 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System	9,904.93	1,326.45
23 53 16 00-0016	EA	34 HP, 340 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System	11,023.96	1,562.70
23 53 16 00-0017	EA	54 HP, 530 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System	11,913.02	1,617.44
23 53 16 00-0018	EA	67 HP, 660 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System	12,121.50	1,676.79
23 53 16 00-0019	EA	78 HP, 760 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System	14,627.72	1,792.04
23 53 16 00-0020	EA	104 HP, 1,020 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System	19,028.32	1,941.85
23 53 16 00-0021	EA	158 HP, 1,550 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System	19,520.66	2,074.39
23 53 16 00-0022	EA	183 HP, 1,800 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System	21,472.95	2,221.44
23 53 16 00-0023	EA	219 HP, 2,150 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System	23,106.73	2,362.49

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 53 16 00-0024	EA	254 HP, 2,500 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System	24,718.52	2,535.36
23 53 16 00-0025	EA	305 HP, 3,000 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System	26,667.00	2,708.23
23 53 16 00-0026		Boiler Feedwater System *(23 53 16)*		
		Note: With deaerator includes pumps and accessories.		
23 53 16 00-0027	EA	1,380 LB/Hour Feedwater System With Deaerator, Pumps, And Accessories	11,877.11	1,562.70
23 53 16 00-0028	EA	2,600 LB/Hour Feedwater System With Deaerator, Pumps, And Accessories	15,484.40	1,790.31
23 53 16 00-0029	EA	4,300 LB/Hour Feedwater System With Deaerator, Pumps, And Accessories	20,437.16	2,049.03
23 53 16 00-0030	EA	6,900 LB/Hour Feedwater System With Deaerator, Pumps, And Accessories	24,585.93	2,363.65
23 53 16 00-0031	EA	8,500 LB/Hour Feedwater System With Deaerator, Pumps, And Accessories	26,093.12	2,535.36
23 53 16 00-0032	EA	11,000 LB/Hour Feedwater System With Deaerator, Pumps, And Accessories	27,526.94	2,708.23
23 53 16 00-0033	EA	13,800 LB/Hour Feedwater System With Deaerator, Pumps, And Accessories	30,644.98	3,111.70
23 53 16 00-0034	EA	17,250 LB/Hour Feedwater System With Deaerator, Pumps, And Accessories	39,635.75	3,572.78
23 53 16 00-0035	EA	20,700 LB/Hour Feedwater System With Deaerator, Pumps, And Accessories	51,462.52	4,128.27
23 53 16 00-0036	EA	27,600 LB/Hour Feedwater System With Deaerator, Pumps, And Accessories	65,155.81	4,738.82
23 53 16 00-0037	EA	34,500 LB/Hour Feedwater System With Deaerator, Pumps, And Accessories	83,511.33	5,452.18
23 53 16 00-0038		Duplex Vacuum Condensate Pumps *(23 53 16)*		
23 53 16 00-0039	EA	7 CFM, 15 GPM, 45 Gallon Duplex Vacuum Condensate Pump	33,071.68	921.95
		Note: Two 3/4 HP vacuum pumps rated for 7 CFM, two 3/4 HP condensate pumps rated for 15 GPM at 20 PSI and 45 GAL cast iron receiver. Skidmore JVC-7-45-102.		
23 53 16 00-0040	EA	9 CFM, 30 GPM, 45 Gallon Duplex Vacuum Condensate Pump	33,813.76	979.57
		Note: Two 1 HP vacuum pumps rated for 9 CFM, two 3/4 HP condensate pumps rated for 30 GPM at 15 PSI and 45 GAL cast iron receiver. Skidmore JVC-9-45-201.5.		
23 53 16 00-0041	EA	12 CFM, 45 GPM, 45 Gallon Duplex Vacuum Condensate Pump	34,669.81	1,037.19
		Note: Two 1-1/2 HP vacuum pumps rated for 12 CFM, two 1 HP condensate pumps rated for 45 GPM at 15 PSI and 45 GAL cast iron receiver. Skidmore JVC-12-45-301.5.		
23 53 16 00-0042	EA	18 CFM, 37.5 GPM, 65 Gallon Duplex Vacuum Condensate Pump	33,467.34	1,094.82
		Note: Two 2 HP vacuum pumps rated for 18 CFM, two 1 HP condensate pumps rated for 37.5 GPM at 20 PSI and 65 GAL cast iron receiver. Skidmore JVC-18-65-252.		
23 53 16 00-0043	EA	28 CFM, 60 GPM, 110 Gallon Duplex Vacuum Condensate Pump	45,499.51	1,152.44
		Note: Two 3 HP vacuum pumps rated for 28 CFM, two 1-1/2 HP condensate pumps rated for 60 GPM at 20 PSI and 110 GAL cast iron receiver. Skidmore JVC-28-110-402.		
23 53 16 00-0044	EA	42 CFM, 75 GPM, 110 Gallon Duplex Vacuum Condensate Pump	47,894.14	1,210.06
		Note: Two 5 HP vacuum pumps rated for 42 CFM, two 2 HP condensate pumps rated for 75 GPM at 20 PSI and 110 GAL cast iron receiver. Skidmore JVC-42-110-502.		

23 54 Furnaces *(23 50)*

Note: All units based on output. See CSI section 23 84 13 00-0000 for humidifiers.

23 54 13 Electric-Resistance Furnaces *(23 54)*

23 54 13 00-0001		Down Flow Multi-Speed Air Handler/Electric Furnace *(23 54 13)*		
23 54 13 00-0002	EA	Up To 2 Ton Down Flow Multi-Speed Air Handler/Electric Furnace	1,175.35	107.37
		Note: Excludes cooling equipment.		
23 54 13 00-0003	EA	>2 To 3.5 Ton Down Flow Multi-Speed Air Handler/Electric Furnace	1,554.10	134.21
		Note: Excludes cooling equipment.		
23 54 13 00-0004	EA	>3.5 To 5 Ton Down Flow Multi-Speed Air Handler/Electric Furnace	2,012.76	161.06
		Note: Excludes cooling equipment.		
23 54 13 00-0005		Up/Horizontal Flow Multi-Speed Air Handler/Electric Furnace *(23 54 13)*		
23 54 13 00-0006	EA	Up To 2 Ton Up/Horizontal Flow Multi-Speed Air Handler/Electric Furnace	1,175.35	107.37
		Note: Excludes cooling equipment.		
23 54 13 00-0007	EA	>2 To 2.5 Ton Up/Horizontal Flow Multi-Speed Air Handler/ Electric Furnace	1,407.18	120.79
		Note: Excludes cooling equipment.		
23 54 13 00-0008	EA	>2.5 To 3 Ton Up/Horizontal Flow Multi-Speed Air Handler/ Electric Furnace	1,537.45	134.21
		Note: Excludes cooling equipment.		
23 54 13 00-0009	EA	>3 to 3.5 Ton Up/Horizontal Flow Multi-Speed Air Handler/ Electric Furnace	1,607.78	147.64
		Note: Excludes cooling equipment.		
23 54 13 00-0010	EA	>3.5 To 5 Ton Up/Horizontal Flow Multi-Speed Air Handler/ Electric Furnace	2,012.76	161.06
		Note: Excludes cooling equipment.		
23 54 13 00-0011		Heating Coil For Air Handler/Electric Furnace *(23 54 13)*		
23 54 13 00-0012	EA	5 KW Heating Coil For Air Handler/Electric Furnace	207.66	29.03
23 54 13 00-0013	EA	7 KW Heating Coil For Air Handler/Electric Furnace	237.58	31.93
23 54 13 00-0014	EA	10 KW Heating Coil For Air Handler/Electric Furnace	257.51	34.83
23 54 13 00-0015	EA	15 KW Heating Coil For Air Handler/Electric Furnace	352.38	37.73
23 54 13 00-0016	EA	20 KW Heating Coil For Air Handler/Electric Furnace	380.63	40.63

23 54 16 Fuel-Fired Furnaces *(23 54)*

23 54 16 13 Gas-Fired Furnaces *(23 54 16)*

23 54 16 13-0001		Natural Gas Fired Forced Air Furnaces *(23 54 16 13)*		
		Note: Excludes flue, condenser, evaporator coil, piping, thermostat, ductwork and electrical connections.		
23 54 16 13-0002		Up/Horizontal Flow Multi-Speed, Two Stage 96% AFUE Gas Furnace *(23 54 16 13-0001)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 54 16 13-0003	EA	40 MBH, 800 CFM Up/Horizontal Flow Multi-Speed, Two Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 3 tons.	1,860.89	93.95
23 54 16 13-0004	EA	60 MBH, 1,200 CFM Up/Horizontal Flow Multi-Speed, Two Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 3 tons.	1,981.16	107.37
23 54 16 13-0005	EA	80 MBH, 1,200 CFM Up/Horizontal Flow Multi-Speed, Two Stage 95% AFUE Gas Furnace Note: Blower cooling capacity up to 4 tons.	2,286.25	120.79
23 54 16 13-0006	EA	100 MBH. 1,600 CFM Up/Horizontal Flow Multi-Speed, Two Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 5 tons.	2,671.65	147.64
23 54 16 13-0007	EA	120 MBH, 2,000 CFM Up/Horizontal Flow Multi-Speed, Two Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 5 tons.	2,850.21	161.06
23 54 16 13-0008		Up/Horizontal Flow Variable Speed, Two Stage 95% AFUE Gas Furnace *(23 54 16 13-0001)*		
23 54 16 13-0009	EA	40 MBH, 1,200 CFM Up/Horizontal Flow Variable Speed, Two Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 3 tons.	2,073.98	93.95
23 54 16 13-0010	EA	60 MBH, 1,200 CFM Up/Horizontal Flow Variable Speed, Two Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 3 tons.	2,270.85	107.37
23 54 16 13-0011	EA	80 MBH, 1,200 CFM Up/Horizontal Flow Variable Speed, Two Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 3 tons.	2,407.40	120.79
23 54 16 13-0012	EA	80 MBH, 1,600 CFM Up/Horizontal Flow Variable Speed, Two Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 3.5 tons.	3,035.80	134.21
23 54 16 13-0013	EA	100 MBH, 2,000 CFM Up/Horizontal Flow Variable Speed, Two Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 5 tons.	2,839.80	147.64
23 54 16 13-0014	EA	120 MBH, 2,000 CFM Up/Horizontal Flow Variable Speed, Two Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 5 tons.	2,993.39	161.06
23 54 16 13-0015		Down Flow Multi-Speed, Two Stage 95% AFUE Gas Furnace *(23 54 16 13-0001)*		
23 54 16 13-0016	EA	45 MBH, 1,600 CFM Down Flow Multi-Speed, Two Stage 95% AFUE Gas Furnace Note: Blower cooling capacity up to 4 tons.	1,824.18	93.95
23 54 16 13-0017	EA	70 MBH, 1,600 CFM Down Flow Multi-Speed, Two Stage 95% AFUE Gas Furnace Note: Blower cooling capacity up to 4 tons.	2,094.31	107.37
23 54 16 13-0018	EA	90 MBH, 1,600 CFM Down Flow Multi-Speed, Two Stage 95% AFUE Gas Furnace Note: Blower cooling capacity up to 4 tons.	2,268.27	134.21
23 54 16 13-0019	EA	90 MBH, 2,000 CFM Down Flow Multi-Speed, Two Stage 95% AFUE Gas Furnace Note: Blower cooling capacity up to 5 tons.	2,421.85	147.64
23 54 16 13-0020		Down Flow Variable Speed, Two Stage 93% AFUE Gas Furnace *(23 54 16 13-0001)*		
23 54 16 13-0021	EA	40 MBH, 1,200 CFM Down Flow Variable Speed, Two Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 4 tons.	2,400.30	93.95
23 54 16 13-0022	EA	60 MBH, 1,200 CFM Down Flow Variable Speed, Two Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 3 tons.	2,527.25	107.37
23 54 16 13-0023	EA	80 MBH, 1,600 CFM Down Flow Variable Speed, Two Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 4 tons.	2,814.02	120.79
23 54 16 13-0024	EA	100 MBH, 2,000 CFM Down Flow Variable Speed, Two Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 4 tons.	3,071.22	147.64
23 54 16 13-0025	EA	120 MBH, 2,000 CFM Down Flow Variable Speed, Two Stage 93% AFUE Gas Furnace Note: Blower cooling capacity up to 5 tons.	3,291.40	161.06
23 54 16 13-0026		Up/Horizontal Flow Multi-Speed, One Stage 96% AFUE Gas Furnace *(23 54 16 13-0001)*		
23 54 16 13-0027	EA	40 MBH, 800 CFM Up/Horizontal Flow Multi-Speed, One Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 3 tons.	1,657.76	93.95
23 54 16 13-0028	EA	60 MBH, 1,200 CFM Up/Horizontal Flow Multi-Speed, One Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 3 tons.	1,746.41	107.37
23 54 16 13-0029	EA	80 MBH, 1,200 CFM Up/Horizontal Flow Multi-Speed, One Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 3 tons.	1,948.28	120.79
23 54 16 13-0030	EA	80 MBH, 1,600 CFM Up/Horizontal Flow Multi-Speed, One Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 4 tons.	1,964.92	120.79
23 54 16 13-0031	EA	80 MBH, 2,000 CFM Up/Horizontal Flow Multi-Speed, One Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 5 tons.	2,143.47	134.21
23 54 16 13-0032	EA	100 MBH, 2,000 CFM Up/Horizontal Flow Multi-Speed, One Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 5 tons.	2,258.76	147.64
23 54 16 13-0033	EA	120 MBH, 2,000 CFM Up/Horizontal Flow Multi-Speed, One Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 5 tons.	2,394.02	161.06
23 54 16 13-0034		Up/Horizontal Flow Multi-Speed, One Stage 80% AFUE Gas Furnace *(23 54 16 13-0001)*		
23 54 16 13-0035	EA	40 MBH, 1,200 CFM Up/Horizontal Flow Multi-Speed, One Stage 80% AFUE Gas Furnace Note: Blower cooling capacity up to 3 tons.	1,146.63	93.95
23 54 16 13-0036	EA	60 MBH, 1,200 CFM Up/Horizontal Flow Multi-Speed, One Stage 80% AFUE Gas Furnace Note: Blower cooling capacity up to 3 tons.	1,253.60	107.37
23 54 16 13-0037	EA	60 MBH, 1,600 CFM Up/Horizontal Flow Multi-Speed, One Stage 80% AFUE Gas Furnace Note: Blower cooling capacity up to 4 tons.	1,433.82	120.79
23 54 16 13-0038	EA	80 MBH, 1,600 CFM Up/Horizontal Flow Multi-Speed, One Stage 80% AFUE Gas Furnace Note: Blower cooling capacity up to 4 tons.	1,435.49	120.79
23 54 16 13-0039	EA	80 MBH, 2,000 CFM Up/Horizontal Flow Multi-Speed, One Stage 80% AFUE Gas Furnace Note: Blower cooling capacity up to 5 tons.	1,575.74	134.21
23 54 16 13-0040	EA	100 MBH, 2,000 CFM Up/Horizontal Flow Multi-Speed, One Stage 80% AFUE Gas Furnace Note: Blower cooling capacity up to 5 tons.	1,616.10	147.64

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 54 16 13-0041	EA	120 MBH, 2,000 CFM Up/Horizontal Flow Multi-Speed, One Stage 80% AFUE Gas Furnace Note: Blower cooling capacity up to 5 tons.	1,796.32	161.06
23 54 16 13-0042		**Down Flow Multi-Speed, One Stage 80% AFUE Gas Furnace** *(23 54 16 13-0001)*		
23 54 16 13-0043	EA	40 MBH, 1,200 CFM Down Flow Multi-Speed, One Stage 80% AFUE Gas Furnace Note: Blower cooling capacity up to 3 tons.	1,163.28	93.95
23 54 16 13-0044	EA	60 MBH, 1,200 CFM Down Flow Multi-Speed, One Stage 80% AFUE Gas Furnace Note: Blower cooling capacity up to 3 tons.	1,258.59	107.37
23 54 16 13-0045	EA	80 MBH, 1,600 CFM Down Flow Multi-Speed, One Stage 80% AFUE Gas Furnace Note: Blower cooling capacity up to 4 tons.	1,508.74	120.79
23 54 16 13-0046	EA	100 MBH, 2,000 CFM Down Flow Multi-Speed, One Stage 80% AFUE Gas Furnace Note: Blower cooling capacity up to 5 tons.	1,660.65	134.21
23 54 16 13-0047		**75% AFUE Gas Wall/Recessed Furnace** *(23 54 16 13-0001)*		
23 54 16 13-0048	EA	35 MBH 75% AFUE Electronic Ignition Gas Wall/Recessed Furnace	1,988.59	80.53
23 54 16 13-0049	EA	55 MBH 75% AFUE Electronic Ignition Gas Wall/Recessed Furnace	2,293.88	100.71
23 54 16 13-0050	EA	35 MBH 75% AFUE Gas Wall/Recessed Furnace	1,797.13	80.53
23 54 16 13-0051	EA	40 MBH 75% AFUE Gas Wall/Recessed Furnace	1,920.54	87.29
23 54 16 13-0052	EA	50 MBH 75% AFUE Gas Wall/Recessed Furnace	1,902.43	93.95
23 54 16 13-0053	EA	65 MBH 75% AFUE Gas Wall/Recessed Furnace	1,959.32	100.71
23 54 16 13-0054	EA	75 MBH 75% AFUE Gas Wall/Recessed Furnace	2,029.37	100.71
23 54 16 13-0055		**Gas Fired Indoor Duct Furnace** *(23 54 16 13-0001)* Note: Includes burner, controls and electronic ignition.		
23 54 16 13-0056		**Aluminized Steel Heat Exchanger Gas Fired Indoor Duct Furnace** *(23 54 16 13-0055)*		
23 54 16 13-0057	EA	100 MBH, Aluminized Steel Heat Exchanger Gas Fired Indoor Duct Furnace	2,763.38	209.38
23 54 16 13-0058	EA	150 MBH, Aluminized Steel Heat Exchanger Gas Fired Indoor Duct Furnace	3,068.39	257.69
23 54 16 13-0059	EA	200 MBH, Aluminized Steel Heat Exchanger Gas Fired Indoor Duct Furnace	3,451.79	370.43
23 54 16 13-0060	EA	250 MBH, Aluminized Steel Heat Exchanger Gas Fired Indoor Duct Furnace	3,892.84	418.75
23 54 16 13-0061	EA	300 MBH, Aluminized Steel Heat Exchanger Gas Fired Indoor Duct Furnace	4,539.27	483.18
23 54 16 13-0062	EA	350 MBH, Aluminized Steel Heat Exchanger Gas Fired Indoor Duct Furnace	4,968.82	579.81
23 54 16 13-0063	EA	400 MBH, Aluminized Steel Heat Exchanger Gas Fired Indoor Duct Furnace	5,623.87	773.08
23 54 16 13-0064		**Stainless Steel Heat Exchanger Gas Fired Indoor Duct Furnace** *(23 54 16 13-0055)* Note: Includes burner, controls and electronic ignition.		
23 54 16 13-0065	EA	100 MBH, Stainless Steel Heat Exchanger Gas Fired Indoor Duct Furnace	3,105.14	209.38
23 54 16 13-0066	EA	150 MBH, Stainless Steel Heat Exchanger Gas Fired Indoor Duct Furnace	3,405.05	257.69
23 54 16 13-0067	EA	200 MBH, Stainless Steel Heat Exchanger Gas Fired Indoor Duct Furnace	3,914.28	370.43
23 54 16 13-0068	EA	250 MBH, Stainless Steel Heat Exchanger Gas Fired Indoor Duct Furnace	4,438.64	418.75
23 54 16 13-0069	EA	300 MBH, Stainless Steel Heat Exchanger Gas Fired Indoor Duct Furnace	5,481.25	483.18
23 54 16 13-0070	EA	350 MBH, Stainless Steel Heat Exchanger Gas Fired Indoor Duct Furnace	5,990.72	579.81
23 54 16 13-0071	EA	400 MBH, Stainless Steel Heat Exchanger Gas Fired Indoor Duct Furnace	6,589.65	773.08
23 54 16 16		**Oil-Fired Furnaces** *(23 54 16)*		
23 54 16 16-0001		**Oil Fired Forced Air Furnaces** *(23 54 16 16)* Note: Excludes flue, condenser, evaporator coil, piping, thermostat, ductwork and electrical connections.		
23 54 16 16-0002		**Up Flow Single Speed, One Stage 81% AFUE Oil Furnace** *(23 54 16 16-0001)*		
23 54 16 16-0003	EA	72 MBH, 1,220 CFM Up Flow Single Speed, One Stage 84% AFUE Oil Furnace Note: Blower cooling capacity up to 3 tons.	3,213.19	107.37
23 54 16 16-0004	EA	95 MBH, 1,590 CFM Up Flow Single Speed, One Stage 83% AFUE Oil Furnace Note: Blower cooling capacity up to 4 tons.	3,410.86	147.64
23 54 16 16-0005	EA	126 MBH, 1,835 CFM Up Flow Single Speed, One Stage 83% AFUE Oil Furnace Note: Blower cooling capacity up to 5 tons.	3,936.12	174.48
23 54 16 16-0006		**Down/Horizontal Flow Single Speed, One Stage 81% AFUE Oil Furnace** *(23 54 16 16-0001)*		
23 54 16 16-0007	EA	95 MBH, 1,210 CFM Down/Horizontal Flow Single Speed, One Stage 83% AFUE Oil Furnace Note: Blower cooling capacity up to 3 tons.	3,720.54	147.64
23 54 16 16-0008	EA	126 MBH, 2,005 CFM Down/Horizontal Flow Single Speed, One Stage 84% AFUE Oil Furnace Note: Blower cooling capacity up to 5 tons.	3,747.99	174.48
23 54 16 16-0009		**Up Flow Lowboy Single Speed, One Stage 81% AFUE Oil Furnace** *(23 54 16 16-0001)*		
23 54 16 16-0010	EA	95 MBH, 1,550 CFM Up Flow Lowboy Single Speed, One Stage 83% AFUE Oil Furnace Note: Blower cooling capacity up to 4 tons.	3,214.41	147.64
23 54 16 16-0011	EA	127 MBH, 2,130 CFM Up Flow Lowboy Single Speed, One Stage 83% AFUE Oil Furnace Note: Blower cooling capacity up to 5 tons.	3,816.25	174.48
23 54 19		**Furnace Accessories** *(23 54)*		
23 54 19 00-0001	EA	LP Gas Furnace Conversion Kit	197.67	26.84
23 54 19 00-0002	EA	1" Furnace External Filter Rack	60.94	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 54 19 00-0003	EA	Removal And Reinstallation Of Forced Air Furnace Note: Includes storage and cleaning. Excludes ductwork.	497.09	

23 55 Fuel-Fired Heaters *(23 50)*

23 55 23 Gas-Fired Radiant Heaters *(23 55)*

23 55 23 13 Low-Intensity Gas-Fired Radiant Heaters *(23 55 23)*

23 55 23 13-0001 Infrared Heaters-Radiant Energy *(23 55 23 13)*
Note: For spot localized or total heating, ceiling hung units, no fan required.

23 55 23 13-0002 Gas Fired Electric Ignition Infrared Gas Heater *(23 55 23 13-0001)*
Note: Ceramic combustion, surface chromized wire screen aluminized steel housing and polished aluminum reflector.

23 55 23 13-0003	EA	15,000 BTU Infrared Gas Heater, Electric Ignition, Ceiling Hung Unit Without Fan	961.02	115.24
23 55 23 13-0004	EA	37,500 BTU Infrared Gas Heater, Electric Ignition, Ceiling Hung Unit Without Fan	1,062.48	126.77
23 55 23 13-0005	EA	50,000 BTU Infrared Gas Heater, Electric Ignition, Ceiling Hung Unit Without Fan	1,135.89	126.77
23 55 23 13-0006	EA	75,000 BTU Infrared Gas Heater, Electric Ignition, Ceiling Hung Unit Without Fan	1,424.24	152.12
23 55 23 13-0007	EA	100,000 BTU Infrared Gas Heater, Electric Ignition, Ceiling Hung Unit Without Fan	1,436.61	152.12

23 55 23 13-0008 Rolled Steel Or Aluminum Housing Infrared Electric Heater *(23 55 23 13-0001)*
Note: Anodized aluminum reflector and quartz/tungsten tubular element with an inner heavy-duty coiled element.

23 55 23 13-0009	EA	1,000 Watt Infrared Elect Heater, Ceiling Hung Unit, No Fan Required	1,058.45	118.10
		For Stainless Steel Housing, Add	*175.14*	
23 55 23 13-0010	EA	3,200 Watt Infrared Elect Heater, Ceiling Hung Unit, No Fan Required	1,133.90	118.10
		For Stainless Steel Housing, Add	*194.00*	
23 55 23 13-0011	EA	5,000 Watt Infrared Elect Heater, Ceiling Hung Unit, No Fan Required	1,220.12	118.10
		For Stainless Steel Housing, Add	*215.55*	
23 55 23 13-0012	EA	7,300 Watt Infrared Elect Heater, Ceiling Hung Unit, No Fan Required	1,323.77	118.10
		For Stainless Steel Housing, Add	*241.47*	
23 55 23 13-0013	EA	10,950 Watt Infrared Elect Heater, Ceiling Hung Unit, No Fan Required	1,446.70	128.84
		For Stainless Steel Housing, Add	*269.06*	
23 55 23 13-0014	EA	13,500 Watt Infrared Elect Heater, Ceiling Hung Unit, No Fan Required	1,545.94	139.58
		For Stainless Steel Housing, Add	*289.76*	
23 55 23 13-0015	EA	24,000 Watt Infrared Elect Heater, Ceiling Hung Unit, No Fan Required	2,499.61	150.33
		For Stainless Steel Housing, Add	*517.43*	

23 55 23 13-0016 Gas Fired Tubular Infrared Heater *(23 55 23 13-0001)*
Note: Per Tube Length. Includes controls and supports.

23 55 23 13-0017 "U" Package *(23 55 23 13-0016)*

23 55 23 13-0018	LF	Up To 75 MBH Input Radiant Heater	95.00	5.76
23 55 23 13-0019	LF	76 To 105 MBH Input Radiant Heater	109.55	6.91
23 55 23 13-0020	LF	106 To 130 MBH Input Radiant Heater	134.06	8.07

23 55 23 13-0021 "S" Straight Package *(23 55 23 13-0016)*

23 55 23 13-0022	LF	Up To 75 MBH Input Radiant Heater	77.15	4.61
23 55 23 13-0023	LF	76 To 105 MBH Input Radiant Heater	98.33	5.76
23 55 23 13-0024	LF	106 To 130 MBH Input Radiant Heater	119.50	6.91

23 55 33 Fuel-Fired Unit Heaters *(23 55)*

23 55 33 13 Oil-Fired Unit Heaters *(23 55 33)*

23 55 33 13-0001 Oil Fired Unit Heater *(23 55 33 13)*

23 55 33 13-0002 Horizontal Fan Propelled Oil Fired Unit Heater, 115 Volt *(23 55 33 13-0001)*

23 55 33 13-0003	EA	97 MBH Output, 2,000 CFM Oil Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	8,385.13	530.69
23 55 33 13-0004	EA	142 MBH Output, 3,200 CFM Oil Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	8,993.37	583.76
23 55 33 13-0005	EA	188 MBH Output, 3,200 CFM Oil Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	9,658.85	636.83

23 55 33 16 Gas-Fired Unit Heaters *(23 55 33)*

23 55 33 16-0001 Gas Fired Unit Heaters *(23 55 33 16)*

23 55 33 16-0002 Horizontal Fan Propelled Gas Fired Unit Heaters, 115 Volt *(23 55 33 16-0001)*

23 55 33 16-0003	EA	24.3 MBH Output, 30 MBH Input, 500 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	2,090.63	199.01
23 55 33 16-0004	EA	36.5 MBH Output, 45 MBH Input, 750 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	2,286.54	238.82
23 55 33 16-0005	EA	48.6 MBH Output, 60 MBH Input, 1,000 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	2,321.99	238.82
23 55 33 16-0006	EA	60.8 MBH Output, 75 MBH Input, 1,250 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	2,535.00	278.61
23 55 33 16-0007	EA	72.9 MBH Output, 90 MBH Input, 1,400 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	2,787.65	318.42
23 55 33 16-0008	EA	81 MBH Output, 100 MBH Input, 1,600 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	2,992.01	338.32
23 55 33 16-0009	EA	101.3 MBH Output, 125 MBH Input, 2,200 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	3,081.41	338.32
23 55 33 16-0010	EA	121.5 MBH Output, 150 MBH Input, 2,400 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	3,004.80	338.32
23 55 33 16-0011	EA	141.8 MBH Output, 175 MBH Input, 2,850 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	3,576.63	358.22
23 55 33 16-0012	EA	162 MBH Output, 200 MBH Input, 3,200 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	3,925.65	358.22
23 55 33 16-0013	EA	202.5 MBH Output, 250 MBH Input, 3,450 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	4,215.08	358.22

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 55 33 16-0014	EA	243 MBH Output, 300 MBH Input, 5,000 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	5,041.10	398.03
23 55 33 16-0015	EA	283.5 MBH Output, 350 MBH Input, 5,600 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	5,696.58	398.03
23 55 33 16-0016	EA	324 MBH Output, 400 MBH Input, 5,800 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	6,110.94	437.82

23 55 33 16-0017 Removal And Reinstallation Of Unit Heaters *(23 55 33 16)*

Note: Includes disconnection/reconnection of power and piping, storage, cleaning and reinstallation. Excludes removal and reinstallation of equipment supports.

23 55 33 16-0018	EA	Removal And Reinstallation Of Up To 101.3 MBH Output Gas or Oil Unit Heater	662.65	
23 55 33 16-0019	EA	Removal And Reinstallation Of >101.3 MBH Output Gas or Oil Unit Heater	893.14	

23 57 Heat Exchangers for HVAC *(23 50)*

23 57 13 Steam-To-Steam Heat Exchangers *(23 57)*

23 57 13 00-0001 Steam Generator Heat Exchanger *(23 57 13)*

Note: 35 PSI generated steam using 180 degree feed water; 400 degree F water to valve.

23 57 13 00-0002	EA	75 LB/Hour Steam Generator Heat Exchanger, 35 PSI	21,869.80	1,843.90
23 57 13 00-0003	EA	300 LB/Hour Steam Generator Heat Exchanger, 35 PSI	29,588.41	1,959.14
23 57 13 00-0004	EA	525 LB/Hour Steam Generator Heat Exchanger, 35 PSI	39,947.92	2,444.10

23 57 16 Steam-To-Water Heat Exchangers *(23 57)*

23 57 16 00-0001 Heat Exchanger, Hot Water 40 To 180 Degree By Steam 10 PSI *(23 57 16)*

Note: Cast iron head steel shell 4 pass 3/4" outside diameter copper tubes. Excludes controls expansion tank and accessories.

23 57 16 00-0002	EA	8 GPM Heat Exchanger By Steam At 10 PSI, 40-180 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	2,549.13	288.11
		For Bronze Head And Tube Sheet, Add	*974.24*	
		For Copper Nickel Tubes, Add	*216.50*	
		For Double Wall Tube Bundles, Add	*324.75*	
23 57 16 00-0003	EA	10 GPM Heat Exchanger By Steam At 10 PSI, 40-180 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	3,739.38	288.11
		For Bronze Head And Tube Sheet, Add	*1,475.28*	
		For Copper Nickel Tubes, Add	*327.84*	
		For Double Wall Tube Bundles, Add	*491.76*	
23 57 16 00-0004	EA	40 GPM Heat Exchanger By Steam At 10 PSI, 40-180 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	5,648.45	403.36
		For Bronze Head And Tube Sheet, Add	*2,282.51*	
		For Copper Nickel Tubes, Add	*507.22*	
		For Double Wall Tube Bundles, Add	*760.84*	
23 57 16 00-0005	EA	64 GPM Heat Exchanger By Steam At 10 PSI, 40-180 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	8,884.52	403.36
		For Bronze Head And Tube Sheet, Add	*3,479.44*	
		For Copper Nickel Tubes, Add	*773.21*	
		For Double Wall Tube Bundles, Add	*1,159.81*	
23 57 16 00-0006	EA	96 GPM Heat Exchanger By Steam At 10 PSI, 40-180 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	11,708.74	474.81
		For Bronze Head And Tube Sheet, Add	*4,620.69*	
		For Copper Nickel Tubes, Add	*1,026.82*	
		For Double Wall Tube Bundles, Add	*1,540.23*	
23 57 16 00-0007	EA	120 GPM Heat Exchanger By Steam At 10 PSI, 40-180 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	15,408.53	605.91
		For Bronze Head And Tube Sheet, Add	*6,068.13*	
		For Copper Nickel Tubes, Add	*1,348.47*	
		For Double Wall Tube Bundles, Add	*2,022.71*	
23 57 16 00-0008	EA	168 GPM Heat Exchanger By Steam At 10 PSI, 40-180 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	19,016.66	909.43
		For Bronze Head And Tube Sheet, Add	*7,432.07*	
		For Copper Nickel Tubes, Add	*1,651.57*	
		For Double Wall Tube Bundles, Add	*2,477.36*	
23 57 16 00-0009	EA	240 GPM Heat Exchanger By Steam At 10 PSI, 40-180 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	28,858.54	909.43
		For Bronze Head And Tube Sheet, Add	*11,579.56*	
		For Copper Nickel Tubes, Add	*2,573.24*	
		For Double Wall Tube Bundles, Add	*3,859.85*	

23 57 19 Liquid-To-Liquid Heat Exchangers *(23 57)*

23 57 19 13 Plate-Type, Liquid-To-Liquid Heat Exchangers *(23 57 19)*

23 57 19 13-0001 Plate And Frame Heat Exchanger *(23 57 19 13)*

23 57 19 13-0002	EA	8" W x 18-7/8"H Plate And Frame Heat Exchanger	4,022.35	288.11
23 57 19 13-0003	EA	8" W x 24-9/16"H Plate And Frame Heat Exchanger	5,367.19	288.11
23 57 19 13-0004	EA	11-3/16" W x 34-11/16"H Plate And Frame Heat Exchanger	7,163.43	345.74
23 57 19 13-0005	EA	16-3/4" W x 46-1/4"H Plate And Frame Heat Exchanger	9,742.70	374.55
23 57 19 13-0006	EA	16-1/2" W x 49-5/8"H Plate And Frame Heat Exchanger	10,667.27	374.55
23 57 19 13-0007	EA	24" W x 57-11/16"H Plate And Frame Heat Exchanger	13,918.95	403.36
23 57 19 13-0008	EA	26-5/16" W x 56-5/8"H Plate And Frame Heat Exchanger	14,675.42	403.36
23 57 19 13-0009	EA	24-1/4" W x 68-3/8"H Plate And Frame Heat Exchanger	18,152.66	460.98
23 57 19 13-0010	EA	24" W x 69-11/16"H Plate And Frame Heat Exchanger	22,218.27	518.59
23 57 19 13-0011	EA	26-5/16" W x 68-3/4"H Plate And Frame Heat Exchanger	23,058.80	518.59
23 57 19 13-0012	EA	24" W x 89-13/16"H Plate And Frame Heat Exchanger	28,567.45	613.86
23 57 19 13-0013	EA	26-5/16" W x 88-9/16"H Plate And Frame Heat Exchanger	34,491.93	675.14
23 57 19 13-0014	EA	40-13/16" W x 89-1/4"H Plate And Frame Heat Exchanger	39,827.90	736.41

23 57 19 19 Copper Tube, Water-To-Water Heat Exchanger *(23 57 19)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 57 19 19-0001		Heat Exchanger Hot Water 40-140 Degree By Water At 200 Degree F *(23 57 19 19)*		
		Note: Cast iron head steel shell 4 pass 3/4" outside diameter copper tubes.		
23 57 19 19-0002	EA	7 GPM Heat Exchanger By 200 Degree Water, 40-140 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	3,043.98	288.11
		For Copper Nickel Tubes, Add	*265.98*	
		For Double Wall Tube Bundles, Add	*398.97*	
23 57 19 19-0003	EA	16 GPM Heat Exchanger By 200 Degree Water, 40-140 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	4,234.23	288.11
		For Copper Nickel Tubes, Add	*377.33*	
		For Double Wall Tube Bundles, Add	*565.99*	
23 57 19 19-0004	EA	34 GPM Heat Exchanger By 200 Degree Water, 40-140 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	6,328.88	403.36
		For Copper Nickel Tubes, Add	*575.27*	
		For Double Wall Tube Bundles, Add	*862.90*	
23 57 19 19-0005	EA	55 GPM Heat Exchanger By 200 Degree Water, 40-140 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	9,057.08	403.36
		For Copper Nickel Tubes, Add	*828.88*	
		For Double Wall Tube Bundles, Add	*1,243.32*	
23 57 19 19-0006	EA	74 GPM Heat Exchanger By 200 Degree Water, 40-140 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	11,208.46	460.98
		For Copper Nickel Tubes, Add	*1,020.63*	
		For Double Wall Tube Bundles, Add	*1,530.95*	
23 57 19 19-0007	EA	86 GPM Heat Exchanger By 200 Degree Water, 40-140 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	14,945.26	460.98
		For Copper Nickel Tubes, Add	*1,373.22*	
		For Double Wall Tube Bundles, Add	*2,059.83*	
23 57 19 19-0008	EA	112 GPM Heat Exchanger By 200 Degree Water, 40-140 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	18,543.57	454.71
		For Copper Nickel Tubes, Add	*1,707.24*	
		For Double Wall Tube Bundles, Add	*2,560.86*	
23 57 19 19-0009	EA	126 GPM Heat Exchanger By 200 Degree Water, 40-140 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	23,065.07	454.71
		For Copper Nickel Tubes, Add	*2,127.87*	
		For Double Wall Tube Bundles, Add	*3,191.80*	
23 57 19 19-0010	EA	152 GPM Heat Exchanger By 200 Degree Water, 40-140 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	29,490.50	454.71
		For Copper Nickel Tubes, Add	*2,721.69*	
		For Double Wall Tube Bundles, Add	*4,082.54*	
23 57 19 23		**Refrigerant-To-Water Heat Exchanger** *(23 57 19)*		
23 57 19 23-0001		Heat Exchanger Refrigerant To Water *(23 57 19 23)*		
23 57 19 23-0002	EA	10 GPM Heat Exchanger By 385 Degree Water, 40-180 Degree, 3 Pass 3/4" Outside Diameter Copper Tube	3,438.38	230.49
		For Copper Nickel Tubes, Add	*297.74*	
		For Double Wall Tube Bundles, Add	*446.61*	
23 57 19 23-0003	EA	53 GPM Heat Exchanger By 385 Degree Water, 40-180 Degree, 3 Pass 3/4" Outside Diameter Copper Tube	9,188.87	384.11
		For Copper Nickel Tubes, Add	*842.06*	
		For Double Wall Tube Bundles, Add	*1,263.09*	
23 57 19 23-0004	EA	70 GPM Heat Exchanger By 385 Degree Water, 40-180 Degree, 3 Pass 3/4" Outside Diameter Copper Tube	12,383.87	501.08
		For Copper Nickel Tubes, Add	*1,138.35*	
		For Double Wall Tube Bundles, Add	*1,707.52*	
23 57 19 23-0005	EA	87 GPM Heat Exchanger By 385 Degree Water, 40-180 Degree, 3 Pass 3/4" Outside Diameter Copper Tube	13,276.24	606.52
		For Copper Nickel Tubes, Add	*1,206.57*	
		For Double Wall Tube Bundles, Add	*1,809.86*	
23 57 19 23-0006	EA	105 GPM Heat Exchanger By 385 Degree Water, 40-180 Degree, 3 Pass 3/4" Outside Diameter Copper Tube	16,025.31	722.20
		For Copper Nickel Tubes, Add	*1,455.76*	
		For Double Wall Tube Bundles, Add	*2,183.64*	

23 60 Central Cooling Equipment *(23)*

Note: Where required, mechanical equipment excludes electrical connection, disconnect, or starter unless title states otherwise. See CSI section 26 05 19 16-0010 for electrical connection and termination, 26 05 83 00-0001 for terminations, 26 28 16 16-0001 for disconnect.

23 61 Refrigerant Compressors *(23 60)*

23 61 16 Reciprocating Refrigerant Compressors *(23 61)*

23 61 16 00-0001		Reciprocating Open Type Refrigerant Compressors *(23 61 16)*		
		Note: Includes manual reversible oil pump and automatic pressure regulator. Excludes muffler, vibration isolators, crank case oil heaters, couplings and flywheel.		
23 61 16 00-0002	EA	1/4 Ton Refrigerant Compressor, Reciprocating Open Type	717.04	109.25
23 61 16 00-0003	EA	1/3 Ton Refrigerant Compressor, Reciprocating Open Type	854.56	109.25
23 61 16 00-0004	EA	1/2 Ton Refrigerant Compressor, Reciprocating Open Type	1,161.32	136.52
23 61 16 00-0005	EA	3/4 Ton Refrigerant Compressor, Reciprocating Open Type	1,444.96	136.52
23 61 16 00-0006	EA	1 Ton Refrigerant Compressor, Reciprocating Open Type	1,616.86	136.52
23 61 16 00-0007	EA	1-1/4 Ton Refrigerant Compressor, Reciprocating Open Type	1,637.80	142.04
23 61 16 00-0008	EA	1-1/2 Ton Refrigerant Compressor, Reciprocating Open Type	1,647.83	142.04
23 61 16 00-0009	EA	1-3/4 Ton Refrigerant Compressor, Reciprocating Open Type	1,810.08	152.96
23 61 16 00-0010	EA	2 Ton Refrigerant Compressor, Reciprocating Open Type	1,946.54	163.89
23 61 16 00-0011	EA	2-1/2 Ton Refrigerant Compressor, Reciprocating Open Type	2,123.09	174.81
23 61 16 00-0012	EA	3 Ton Refrigerant Compressor, Reciprocating Open Type	2,418.19	174.81
23 61 16 00-0013	EA	3-1/2 Ton Refrigerant Compressor, Reciprocating Open Type	2,715.08	185.73
23 61 16 00-0014	EA	4 Ton Refrigerant Compressor, Reciprocating Open Type	2,771.34	196.66
23 61 16 00-0015	EA	4-1/2 Ton Refrigerant Compressor, Reciprocating Open Type	2,816.61	202.08
23 61 16 00-0016	EA	5 Ton Refrigerant Compressor, Reciprocating Open Type	4,095.30	1,057.85
23 61 16 00-0017	EA	7.5 Ton Refrigerant Compressor, Reciprocating Open Type	6,231.69	1,208.92
23 61 16 00-0018	EA	10 Ton Refrigerant Compressor, Reciprocating Open Type	8,368.24	1,360.10
23 61 16 00-0019	EA	12.5 Ton Refrigerant Compressor, Reciprocating Open Type	11,105.35	1,473.34
23 61 16 00-0020	EA	15 Ton Refrigerant Compressor, Reciprocating Open Type	13,842.79	1,586.78
23 61 16 00-0021	EA	20 Ton Refrigerant Compressor, Reciprocating Open Type	16,611.35	1,904.14
23 61 16 00-0022	EA	25 Ton Refrigerant Compressor, Reciprocating Open Type	20,025.49	2,046.58

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 61 16 00-0023	EA	30 Ton Refrigerant Compressor, Reciprocating Open Type	23,304.35	2,163.80
23 61 16 00-0024	EA	50 Ton Refrigerant Compressor, Reciprocating Open Type	30,597.02	2,441.23
23 61 16 00-0025	EA	60 Ton Refrigerant Compressor, Reciprocating Open Type	36,137.10	2,505.25
23 61 16 00-0026	EA	70 Ton Refrigerant Compressor, Reciprocating Open Type	45,305.39	2,569.17
23 61 16 00-0027	EA	75 Ton Refrigerant Compressor, Reciprocating Open Type	47,595.12	2,601.24
23 61 16 00-0028	EA	80 Ton Refrigerant Compressor, Reciprocating Open Type	49,788.58	2,633.19
23 61 16 00-0029	EA	90 Ton Refrigerant Compressor, Reciprocating Open Type	53,893.68	2,697.12
23 61 16 00-0030	EA	100 Ton Refrigerant Compressor, Reciprocating Open Type	57,619.45	2,761.24
23 61 16 00-0031	EA	110 Ton Refrigerant Compressor, Reciprocating Open Type	61,819.16	3,244.13
23 61 16 00-0032	EA	120 Ton Refrigerant Compressor, Reciprocating Open Type	64,792.11	3,316.73
23 61 16 00-0033	EA	130 Ton Refrigerant Compressor, Reciprocating Open Type	67,340.99	3,358.96
23 61 16 00-0034	EA	140 Ton Refrigerant Compressor, Reciprocating Open Type	69,601.45	3,462.88
23 61 16 00-0035	EA	150 Ton Refrigerant Compressor, Reciprocating Open Type	71,435.05	3,535.48
23 61 16 00-0036	EA	175 Ton Refrigerant Compressor, Reciprocating Open Type	73,304.24	3,632.36
23 61 16 00-0037	EA	185 Ton Refrigerant Compressor, Reciprocating Open Type	75,085.64	3,671.42
23 61 16 00-0038	EA	200 Ton Refrigerant Compressor, Reciprocating Open Type	76,900.81	3,732.17
23 61 16 00-0039	EA	225 Ton Refrigerant Compressor, Reciprocating Open Type	79,016.37	3,983.88
23 61 16 00-0040	EA	250 Ton Refrigerant Compressor, Reciprocating Open Type	81,071.94	4,198.64

23 61 16 00-0041 Reciprocating Hermetic Type Refrigerant Compressors *(23 61 16)*

Note: Includes automatic reversible oil pump, suction and discharge shut-off valves, device for loading and unloading compressor cylinders and crank case oil heater. Excludes mufflers and vibration isolators.

23 61 16 00-0042 Reciprocating Hermetic Type Refrigerant Compressors <5 Tons *(23 61 16 00-0041)*

23 61 16 00-0043	EA	1/4 Ton Refrigerant Compressor, Reciprocating Hermetic Type	1,085.77	109.25
23 61 16 00-0044	EA	1/3 Ton Refrigerant Compressor, Reciprocating Hermetic Type	1,122.68	109.25
23 61 16 00-0045	EA	1/2 Ton Refrigerant Compressor, Reciprocating Hermetic Type	1,214.22	136.52
23 61 16 00-0046	EA	3/4 Ton Refrigerant Compressor, Reciprocating Hermetic Type	1,251.11	136.52
23 61 16 00-0047	EA	1 Ton Refrigerant Compressor, Reciprocating Hermetic Type	1,269.56	136.52
23 61 16 00-0048	EA	1-1/4 Ton Refrigerant Compressor, Reciprocating Hermetic Type	1,310.00	142.04
23 61 16 00-0049	EA	1-1/2 Ton Refrigerant Compressor, Reciprocating Hermetic Type	1,350.60	142.04
23 61 16 00-0050	EA	1-3/4 Ton Refrigerant Compressor, Reciprocating Hermetic Type	1,449.94	152.96
23 61 16 00-0051	EA	2 Ton Refrigerant Compressor, Reciprocating Hermetic Type	1,545.62	163.89
23 61 16 00-0052	EA	2-1/2 Ton Refrigerant Compressor, Reciprocating Hermetic Type	1,678.17	174.81
23 61 16 00-0053	EA	3 Ton Refrigerant Compressor, Reciprocating Hermetic Type	1,751.99	174.81
23 61 16 00-0054	EA	3-1/2 Ton Refrigerant Compressor, Reciprocating Hermetic Type	1,884.53	185.73
23 61 16 00-0055	EA	4 Ton Refrigerant Compressor, Reciprocating Hermetic Type	2,238.55	196.66
23 61 16 00-0056	EA	4-1/2 Ton Refrigerant Compressor, Reciprocating Hermetic Type	2,452.42	202.08

23 61 16 00-0057 Reciprocating Hermetic Type Refrigerant Compressors *(23 61 16 00-0041)*

23 61 16 00-0058	EA	5 Ton Refrigerant Compressor, Reciprocating Hermetic Type	3,079.78	544.04
23 61 16 00-0059	EA	10 Ton Refrigerant Compressor, Reciprocating Hermetic Type	5,870.17	680.04
23 61 16 00-0060	EA	15 Ton Refrigerant Compressor, Reciprocating Hermetic Type	9,810.82	827.90
23 61 16 00-0061	EA	20 Ton Refrigerant Compressor, Reciprocating Hermetic Type	12,500.27	952.06
23 61 16 00-0062	EA	25 Ton Refrigerant Compressor, Reciprocating Hermetic Type	13,805.17	1,057.85
23 61 16 00-0063	EA	30 Ton Refrigerant Compressor, Reciprocating Hermetic Type	15,305.41	1,190.08
23 61 16 00-0064	EA	35 Ton Refrigerant Compressor, Reciprocating Hermetic Type	19,801.35	1,360.10
23 61 16 00-0065	EA	40 Ton Refrigerant Compressor, Reciprocating Hermetic Type	25,478.43	1,360.10
23 61 16 00-0066	EA	50 Ton Refrigerant Compressor, Reciprocating Hermetic Type	31,470.87	1,586.78
23 61 16 00-0067	EA	60 Ton Refrigerant Compressor, Reciprocating Hermetic Type	35,433.00	1,700.12
23 61 16 00-0068	EA	70 Ton Refrigerant Compressor, Reciprocating Hermetic Type	37,438.30	1,781.70
23 61 16 00-0069	EA	75 Ton Refrigerant Compressor, Reciprocating Hermetic Type	38,486.68	1,869.72
23 61 16 00-0070	EA	80 Ton Refrigerant Compressor, Reciprocating Hermetic Type	39,580.67	1,876.97
23 61 16 00-0071	EA	90 Ton Refrigerant Compressor, Reciprocating Hermetic Type	41,577.01	1,965.30
23 61 16 00-0072	EA	100 Ton Refrigerant Compressor, Reciprocating Hermetic Type	43,593.65	2,046.58

23 61 19 Scroll Refrigerant Compressors *(23 61)*

23 61 19 00-0001 Scroll Refrigerant Compressors *(23 61 19)*

23 61 19 00-0002	EA	Up To 3 Ton Scroll Refrigerant Compressor	1,449.47	174.61
23 61 19 00-0003	EA	3.5 Ton Scroll Refrigerant Compressor	1,519.56	185.84
23 61 19 00-0004	EA	4 Ton Scroll Refrigerant Compressor	1,556.25	196.56
23 61 19 00-0005	EA	4.5 Ton Scroll Refrigerant Compressor	1,586.53	202.18
23 61 19 00-0006	EA	5 Ton Scroll Refrigerant Compressor	1,965.17	255.27
23 61 19 00-0007	EA	7.5 Ton Scroll Refrigerant Compressor	3,750.68	382.91
23 61 19 00-0008	EA	8.75 Ton Scroll Refrigerant Compressor	4,290.68	446.73
23 61 19 00-0009	EA	10 Ton Scroll Refrigerant Compressor	4,806.38	510.55
23 61 19 00-0010	EA	12 Ton Scroll Refrigerant Compressor	5,809.11	612.65
23 61 19 00-0011	EA	13.5 Ton Scroll Refrigerant Compressor	6,852.27	689.23
23 61 19 00-0012	EA	15 Ton Scroll Refrigerant Compressor	8,040.76	765.82
23 61 19 00-0013	EA	20 Ton Scroll Refrigerant Compressor	11,337.01	1,021.09
23 61 19 00-0014	EA	25 Ton Scroll Refrigerant Compressor	12,770.62	1,276.36
23 61 19 00-0015	EA	30 Ton Scroll Refrigerant Compressor	13,640.46	1,531.64

23 61 23 Rotary-Screw Refrigerant Compressors *(23 61)*

23 61 23 00-0001 Rotary Screw Type Refrigerant Compressors *(23 61 23)*

23 61 23 00-0002	EA	75 Ton Refrigerant Compressor, Rotary Screw Type	44,959.62	2,601.24

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 61 23 00-0003	EA	80 Ton Refrigerant Compressor, Rotary Screw Type	46,331.44	2,633.19
23 61 23 00-0004	EA	90 Ton Refrigerant Compressor, Rotary Screw Type	49,305.85	2,697.12
23 61 23 00-0005	EA	100 Ton Refrigerant Compressor, Rotary Screw Type	52,248.92	2,761.24
23 61 23 00-0006	EA	110 Ton Refrigerant Compressor, Rotary Screw Type	56,549.24	3,244.13
23 61 23 00-0007	EA	120 Ton Refrigerant Compressor, Rotary Screw Type	60,003.89	3,316.73
23 61 23 00-0008	EA	130 Ton Refrigerant Compressor, Rotary Screw Type	63,382.41	3,358.96
23 61 23 00-0009	EA	140 Ton Refrigerant Compressor, Rotary Screw Type	66,881.91	3,462.88
23 61 23 00-0010	EA	150 Ton Refrigerant Compressor, Rotary Screw Type	70,339.68	3,535.48
23 61 23 00-0011	EA	170 Ton Refrigerant Compressor, Rotary Screw Type	75,201.90	3,632.36
23 61 23 00-0012	EA	185 Ton Refrigerant Compressor, Rotary Screw Type	78,605.75	3,671.42
23 61 23 00-0013	EA	200 Ton Refrigerant Compressor, Rotary Screw Type	80,191.33	3,732.17
23 61 23 00-0014	EA	215 Ton Refrigerant Compressor, Rotary Screw Type	90,013.28	3,983.88
23 61 23 00-0015	EA	225 Ton Refrigerant Compressor, Rotary Screw Type	99,700.05	4,198.64

23 62 Packaged Compressor and Condenser Units *(23 60)*

23 62 13 Packaged Air-Cooled Refrigerant Compressor and Condenser Units *(23 62)*

23 62 13 00-0001 Combination Direct-Expansion Liquid Cooler And Compressors *(23 62 13)*

Note: Shell and tube type. Chilled water temperature rise is 12 degree F. Rated by cooling capacity in tons. Includes power panel, factory wired and installed control panel, pressure and safety switches and gauges for oil pressure and high and low refrigerant pressure, flow switches, phase monitoring, sight glasses and filter dryers, start-up costs and equipment rigging. Units greater than 5 tons include dual compressors. Excludes motor starter, piping or power wiring.

23 62 13 00-0002	EA	1 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube	7,279.91	943.49
23 62 13 00-0003	EA	5 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube	16,212.28	1,010.88
23 62 13 00-0004	EA	10 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube	28,513.79	1,078.27
23 62 13 00-0005	EA	15 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube	33,785.13	1,145.67
23 62 13 00-0006	EA	20 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube	40,090.33	1,213.06
23 62 13 00-0007	EA	25 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube	44,429.94	1,347.84
23 62 13 00-0008	EA	30 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube	45,803.90	1,572.31
23 62 13 00-0009	EA	40 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube	49,364.64	1,857.57
23 62 13 00-0010	EA	50 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube	52,673.73	2,012.37
23 62 13 00-0011	EA	60 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube	60,369.15	2,167.17
23 62 13 00-0012	EA	75 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube	68,250.87	2,399.36
23 62 13 00-0013	EA	80 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube	72,128.46	2,489.72
23 62 13 00-0014	EA	90 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube	81,436.55	2,645.32
23 62 13 00-0015	EA	100 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube	89,012.21	2,800.93

23 62 13 00-0016 Direct-Expansion Liquid Cooler Shell And Tube Type *(23 62 13)*

Note: For built-up systems. Chilled water temperature rise is 12 degree F. Rated by cooling capacity in tons. Excludes compressors. Includes power panel, factory wired and installed control panel, pressure and safety switches and gauges for oil pressure and high and low refrigerant pressure, flow switches, phase monitoring, sight glasses and filter dryers, start-up costs and equipment rigging. Units greater than 5 tons include dual compressors. Excludes motor starter, piping or power wiring.

23 62 13 00-0017	EA	1 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems	6,946.04	943.49
23 62 13 00-0018	EA	5 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems	14,311.97	1,010.88
23 62 13 00-0019	EA	10 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems	22,366.03	1,078.27
23 62 13 00-0020	EA	15 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems	24,157.43	1,145.67
23 62 13 00-0021	EA	20 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems	25,948.85	1,213.06
23 62 13 00-0022	EA	25 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems	30,760.24	1,347.84
23 62 13 00-0023	EA	30 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems	34,939.66	1,572.31
23 62 13 00-0024	EA	40 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems	44,893.36	1,857.57
23 62 13 00-0025	EA	50 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems	50,349.36	2,012.37
23 62 13 00-0026	EA	60 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems	54,495.82	2,167.17
23 62 13 00-0027	EA	75 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems	62,666.58	2,399.36
23 62 13 00-0028	EA	80 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems	66,367.05	2,489.72
23 62 13 00-0029	EA	90 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems	72,801.65	2,645.32
23 62 13 00-0030	EA	100 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems	83,019.63	2,800.93

23 62 13 00-0031 Packaged Chiller With Remote Air Cooled Condenser *(23 62 13)*

Note: With remote air cooled condenser rated by cooling capacity, Units are factory assembled package type. Includes hermetic compressor, motor, cooler, condenser, internal piping, oil, discharge/suction gauges, lead lag switch, compressor unloaders, removable core filter drier with 3 valve by-pass, sight glass, internal wiring, motor starters, insulation, fan cycling controls, standard oil hi/low safety control switches, operation and safety controls, factory wired and installed control panel, vibration eliminators, phase monitoring for 3 phase units, start-up and equipment rigging. Units include dual compressors. Excludes piping and power wiring.

23 62 13 00-0032	EA	15 Ton Packaged Chiller With Remote Air Cooled Condensers	38,246.56	9,025.40
		For Gas Fired Engine Driven, Add	*6,296.19*	
23 62 13 00-0033	EA	20 Ton Packaged Chiller With Remote Air Cooled Condensers	42,918.10	9,513.25
		For Gas Fired Engine Driven, Add	*7,157.35*	
23 62 13 00-0034	EA	25 Ton Packaged Chiller With Remote Air Cooled Condensers	49,549.46	10,352.56
		For Gas Fired Engine Driven, Add	*8,357.78*	
23 62 13 00-0035	EA	30 Ton Packaged Chiller With Remote Air Cooled Condensers	55,176.03	10,999.66
		For Gas Fired Engine Driven, Add	*9,386.09*	
23 62 13 00-0036	EA	40 Ton Packaged Chiller With Remote Air Cooled Condensers	68,344.19	12,137.53
		For Gas Fired Engine Driven, Add	*11,849.12*	
23 62 13 00-0037	EA	50 Ton Packaged Chiller With Remote Air Cooled Condensers	75,083.37	12,570.97
		For Gas Fired Engine Driven, Add	*13,131.96*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 62 13 00-0038	EA	60 Ton Packaged Chiller With Remote Air Cooled Condensers	81,547.85	13,537.98
		For Gas Fired Engine Driven, Add	*14,279.88*	
23 62 13 00-0039	EA	70 Ton Packaged Chiller With Remote Air Cooled Condensers	98,462.44	14,485.17
		For Gas Fired Engine Driven, Add	*17,493.66*	
23 62 13 00-0040	EA	75 Ton Packaged Chiller With Remote Air Cooled Condensers	99,562.47	14,742.82
		For Gas Fired Engine Driven, Add	*17,702.17*	
23 62 13 00-0041	EA	80 Ton Packaged Chiller With Remote Air Cooled Condensers	101,508.51	15,383.88
		For Gas Fired Engine Driven, Add	*17,995.27*	
23 62 13 00-0042	EA	90 Ton Packaged Chiller With Remote Air Cooled Condensers	112,267.90	16,083.17
		For Gas Fired Engine Driven, Add	*20,042.31*	
23 62 13 00-0043	EA	100 Ton Packaged Chiller With Remote Air Cooled Condensers	123,863.41	16,849.06
		For Gas Fired Engine Driven, Add	*22,246.59*	
23 62 13 00-0044	EA	110 Ton Packaged Chiller With Remote Air Cooled Condensers	136,966.71	17,691.46
		For Gas Fired Engine Driven, Add	*24,740.95*	
23 62 13 00-0045	EA	120 Ton Packaged Chiller With Remote Air Cooled Condensers	147,914.53	18,622.63
		For Gas Fired Engine Driven, Add	*26,790.91*	
23 62 13 00-0046	EA	140 Ton Packaged Chiller With Remote Air Cooled Condensers	162,897.86	19,657.18
		For Gas Fired Engine Driven, Add	*29,632.47*	

23 62 23 Packaged Water-Cooled Refrigerant Compressor and Condenser Units *(23 62)*

23 62 23 00-0001 Water Cooled Condensing Units *(23 62 23)*

Note: Includes compressor, condenser and motor, and equipment rigging. Excludes piping and power wiring.

23 62 23 00-0002	EA	5 Ton Water Cooled Condensing Unit With Compressor, Condenser And Motor	8,109.64	737.67
23 62 23 00-0003	EA	10 Ton Water Cooled Condensing Unit With Compressor, Condenser And Motor	12,305.49	1,077.31
23 62 23 00-0004	EA	15 Ton Water Cooled Condensing Unit With Compressor, Condenser And Motor	14,097.66	1,167.54
23 62 23 00-0005	EA	20 Ton Water Cooled Condensing Unit With Compressor, Condenser And Motor	17,487.63	1,401.04
23 62 23 00-0006	EA	30 Ton Water Cooled Condensing Unit With Compressor, Condenser And Motor	18,873.12	1,648.35
23 62 23 00-0007	EA	60 Ton Water Cooled Condensing Unit With Compressor, Condenser And Motor	40,172.54	2,471.88
23 62 23 00-0008	EA	80 Ton Water Cooled Condensing Unit With Compressor, Condenser And Motor	49,867.33	2,983.35
23 62 23 00-0009	EA	120 Ton Water Cooled Condensing Unit With Compressor, Condenser And Motor	69,066.61	3,264.24

23 63 Refrigerant Condensers *(23 60)*

23 63 13 Air-Cooled Refrigerant Condensers *(23 63)*

23 63 13 00-0001 Air Cooled Condensing Units *(23 63 13)*

Note: Includes compressor(s), condenser, fan, motors, discharge/suction gauges, sight glass, fan cycling controls, standard oil hi/low safety control switches, standard controls and liquid line filter dryers and phase monitoring for 3 phase units and equipment rigging. Meets minimum ASHRAE EER requirements. Excludes piping and power wiring.

23 63 13 00-0002	EA	6 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor	7,094.15	737.67
		For >10 To 25, Deduct	*-179.31*	
		For >25 To 50, Deduct	*-298.84*	
		For >50, Deduct	*-478.15*	
		For Low Ambient Protection, 0 Degree F, Add	*1,056.31*	
		For Winter Start Control, Add	*350.80*	
23 63 13 00-0003	EA	7.5 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor	8,499.00	875.65
		For >10 To 25, Deduct	*-215.17*	
		For >25 To 50, Deduct	*-358.61*	
		For >50, Deduct	*-573.78*	
		For Low Ambient Protection, 0 Degree F, Add	*905.47*	
		For Winter Start Control, Add	*276.12*	
23 63 13 00-0004	EA	10 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor	11,067.57	1,077.31
		For >10 To 25, Deduct	*-283.04*	
		For >25 To 50, Deduct	*-471.73*	
		For >50, Deduct	*-754.77*	
		For Low Ambient Protection, 0 Degree F, Add	*1,068.65*	
		For Winter Start Control, Add	*351.98*	
23 63 13 00-0005	EA	12.5 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor	13,756.30	1,120.83
		For >10 To 25, Deduct	*-361.74*	
		For >25 To 50, Deduct	*-602.90*	
		For >50, Deduct	*-964.65*	
		For Low Ambient Protection, 0 Degree F, Add	*1,268.62*	
		For Winter Start Control, Add	*410.98*	
23 63 13 00-0006	EA	15 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor	16,450.47	1,167.54
		For >10 To 25, Deduct	*-440.44*	
		For >25 To 50, Deduct	*-734.07*	
		For >50, Deduct	*-1,174.52*	
		For Low Ambient Protection, 0 Degree F, Add	*1,323.14*	
		For Winter Start Control, Add	*323.71*	
23 63 13 00-0007	EA	20 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor	21,232.78	1,401.04
		For >10 To 25, Deduct	*-573.30*	
		For >25 To 50, Deduct	*-955.50*	
		For >50, Deduct	*-1,528.80*	
		For Low Ambient Protection, 0 Degree F, Add	*1,677.30*	
		For Winter Start Control, Add	*403.38*	
23 63 13 00-0008	EA	25 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor	24,183.47	1,507.18
		For >10 To 25, Deduct	*-657.06*	
		For >25 To 50, Deduct	*-1,095.09*	
		For >50, Deduct	*-1,752.15*	
		For Low Ambient Protection, 0 Degree F, Add	*1,775.00*	
		For Winter Start Control, Add	*447.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 63 13 00-0009	EA	30 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor	27,760.60	1,645.16
		For >10 To 25, Deduct	*-758.14*	
		For >25 To 50, Deduct	*-1,263.57*	
		For >50, Deduct	*-2,021.71*	
		For Low Ambient Protection, 0 Degree F, Add	*1,885.87*	
		For Winter Start Control, Add	*501.63*	
23 63 13 00-0010	EA	40 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor	38,292.02	1,966.27
		For >10 To 25, Deduct	*-1,057.79*	
		For >25 To 50, Deduct	*-1,762.98*	
		For >50, Deduct	*-2,820.77*	
		For Low Ambient Protection, 0 Degree F, Add	*2,521.08*	
		For Winter Start Control, Add	*655.84*	
23 63 13 00-0011	EA	50 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor	46,472.69	2,471.88
		For >10 To 25, Deduct	*-1,279.82*	
		For >25 To 50, Deduct	*-2,133.03*	
		For >50, Deduct	*-3,412.84*	
		For Low Ambient Protection, 0 Degree F, Add	*2,659.46*	
		For Winter Start Control, Add	*594.52*	
23 63 13 00-0012	EA	60 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor	53,599.43	2,728.20
		For >10 To 25, Deduct	*-1,485.09*	
		For >25 To 50, Deduct	*-2,475.15*	
		For >50, Deduct	*-3,960.24*	
		For Low Ambient Protection, 0 Degree F, Add	*3,004.21*	
		For Winter Start Control, Add	*657.15*	
23 63 13 00-0013	EA	80 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor	69,584.47	2,983.35
		For >10 To 25, Deduct	*-1,949.51*	
		For >25 To 50, Deduct	*-3,249.18*	
		For >50, Deduct	*-5,198.69*	
		For Low Ambient Protection, 0 Degree F, Add	*3,749.56*	
		For Winter Start Control, Add	*785.01*	
23 63 13 00-0014	EA	100 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor	96,204.61	2,686.19
		For >10 To 25, Deduct	*-2,722.09*	
		For >25 To 50, Deduct	*-4,536.82*	
		For >50, Deduct	*-7,258.91*	
		For Low Ambient Protection, 0 Degree F, Add	*4,089.15*	
		For Winter Start Control, Add	*1,000.51*	
23 63 13 00-0015	EA	120 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor	118,773.22	2,777.24
		For >10 To 25, Deduct	*-3,393.59*	
		For >25 To 50, Deduct	*-5,655.98*	
		For >50, Deduct	*-9,049.57*	
		For Low Ambient Protection, 0 Degree F, Add	*4,806.99*	

23 63 13 00-0016 Air Cooled Condensing Units *(23 63 13)*

Note: Includes compressor(s), condenser, fan, motors, discharge/suction gauges, sight glass, fan cycling controls, standard oil hi/low safety control switches, standard controls and liquid line filter dryers, 14 SEER, 1 or 3 phase and equipment rigging. Higher SEER ratings can be obtained by oversizing evaporators. Includes 20' length of piping (liquid line and insulated suction line). Excludes additional piping and power wiring.

23 63 13 00-0017	EA	1.5 Ton, 14 SEER, Air Cooled Condensing Unit Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.	2,224.82	349.04
		For >10 To 25, Deduct	*-51.04*	
		For >25 To 50, Deduct	*-85.06*	
		For >50, Deduct	*-136.10*	
		For 15 SEER, Add	*408.30*	
		For 16 SEER, Add	*697.52*	
		For 18 SEER, Add	*1,463.09*	
23 63 13 00-0018	EA	2 Ton, 14 SEER, Air Cooled Condensing Unit Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.	2,391.38	388.01
		For >10 To 25, Deduct	*-54.29*	
		For >25 To 50, Deduct	*-90.48*	
		For >50, Deduct	*-144.77*	
		For 15 SEER, Add	*434.32*	
		For 16 SEER, Add	*741.96*	
		For 18 SEER, Add	*1,556.31*	
23 63 13 00-0019	EA	2.5 Ton, 14 SEER, Air Cooled Condensing Unit Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.	2,535.91	426.81
		For >10 To 25, Deduct	*-56.88*	
		For >25 To 50, Deduct	*-94.80*	
		For >50, Deduct	*-151.68*	
		For 15 SEER, Add	*455.04*	
		For 16 SEER, Add	*777.36*	
		For 18 SEER, Add	*1,630.57*	
23 63 13 00-0020	EA	3 Ton, 14 SEER, Air Cooled Condensing Unit Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.	2,915.59	465.37
		For >10 To 25, Deduct	*-66.53*	
		For >25 To 50, Deduct	*-110.88*	
		For >50, Deduct	*-177.40*	
		For 15 SEER, Add	*532.20*	
		For 16 SEER, Add	*909.18*	
		For 18 SEER, Add	*1,907.07*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 63 13 00-0021	EA	3.5 Ton, 14 SEER, Air Cooled Condensing Unit	3,085.83	504.41
		Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
		For >10 To 25, Deduct	*-69.89*	
		For >25 To 50, Deduct	*-116.48*	
		For >50, Deduct	*-186.37*	
		For 15 SEER, Add	*559.10*	
		For 16 SEER, Add	*955.14*	
		For 18 SEER, Add	*2,003.46*	
23 63 13 00-0022	EA	4 Ton, 14 SEER, Air Cooled Condensing Unit	3,441.63	543.21
		Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
		For >10 To 25, Deduct	*-78.82*	
		For >25 To 50, Deduct	*-131.36*	
		For >50, Deduct	*-210.18*	
		For 15 SEER, Add	*630.53*	
		For 16 SEER, Add	*1,077.16*	
		For 18 SEER, Add	*2,259.41*	
23 63 13 00-0023	EA	5 Ton, 14 SEER, Air Cooled Condensing Unit	3,888.29	581.72
		Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
		For >10 To 25, Deduct	*-90.47*	
		For >25 To 50, Deduct	*-150.79*	
		For >50, Deduct	*-241.26*	
		For 15 SEER, Add	*723.77*	
		For 16 SEER, Add	*1,236.44*	
		For 18 SEER, Add	*2,593.51*	

23 63 13 00-0024 Removal And Reinstallation Of AC Condensing Unit *(23 63 13)*
Note: Includes storage and cleaning.

23 63 13 00-0025	EA	Removal And Reinstallation Of Up To 5 Tons Air Cooled Condensing Unit	357.91	
23 63 13 00-0026	EA	Removal And Reinstallation Of 7.5 To 15 Tons Air Cooled Condensing Unit	1,342.15	
23 63 13 00-0027	EA	Removal And Reinstallation Of 20 To 40 Tons Air Cooled Condensing Unit	2,229.82	

23 64 Packaged Water Chillers *(23 60)*

See CSI section 26 29 23 00-0000 for variable frequency motor controllers.

23 64 13 Absorption Water Chillers *(23 64)*

23 64 13 16 Indirect-Fired Absorption Water Chillers *(23 64 13)*

23 64 13 16-0001 Packaged, Steam Driven, Water Cooled Absorption Chillers *(23 64 13 16)*
Note: Includes refrigerant monitor with scanner, audible alarm, and lights, 460 voltage motor rating, and all accessories, controls (water temperature controller with PE switches, flow switch, etc.) factory wired and installed control panel, and also includes start-up. Price includes closed transition starter. (rated by cooling capacity in tons). Units are factory assembled package type consisting of motor, cooler, condenser, internal piping and wiring, motor starters, insulation, purge unit, controls, gauges, lubrication system, refrigerant charge, oil, phase monitoring for 3 phase units, start-up costs and equipment rigging. Exclude piping and power wiring.

23 64 13 16-0002	EA	50 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller	209,043.54	12,313.44
		For Two Stage Unit, Add	*136,479.73*	
23 64 13 16-0003	EA	100 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller	263,780.31	14,146.10
		For Two Stage Unit, Add	*173,329.34*	
23 64 13 16-0004	EA	150 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller	334,178.33	15,207.06
		For Two Stage Unit, Add	*221,759.19*	
23 64 13 16-0005	EA	200 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller	371,135.59	16,268.01
		For Two Stage Unit, Add	*246,780.50*	
23 64 13 16-0006	EA	250 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller	414,345.55	16,739.55
		For Two Stage Unit, Add	*276,650.25*	
23 64 13 16-0007	EA	300 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller	466,616.24	17,328.97
		For Two Stage Unit, Add	*312,768.19*	
23 64 13 16-0008	EA	350 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller	500,308.07	17,918.39
		For Two Stage Unit, Add	*335,880.93*	
23 64 13 16-0009	EA	400 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller	595,088.47	18,861.47
		For Two Stage Unit, Add	*401,472.76*	
23 64 13 16-0010	EA	500 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller	665,938.01	19,450.88
		For Two Stage Unit, Add	*450,595.90*	
23 64 13 16-0011	EA	650 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller	806,458.24	20,040.30
		For Two Stage Unit, Add	*548,488.52*	
23 64 13 16-0012	EA	750 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller	874,313.41	21,454.91
		For Two Stage Unit, Add	*594,855.46*	
23 64 13 16-0013	EA	850 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller	937,288.15	22,751.64
		For Two Stage Unit, Add	*637,900.39*	
23 64 13 16-0014	EA	950 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller	1,006,004.10	24,596.64
		For Two Stage Unit, Add	*684,525.57*	
23 64 13 16-0015	EA	1,125 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller	1,151,310.03	25,196.55
		For Two Stage Unit, Add	*785,711.78*	
23 64 13 16-0016	EA	1,250 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller	1,260,898.02	26,636.36
		For Two Stage Unit, Add	*861,319.54*	
23 64 13 16-0017	EA	1,450 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller	1,472,309.80	27,836.19
		For Two Stage Unit, Add	*1,008,347.90*	
23 64 13 16-0018	EA	1,700 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller	1,720,623.78	28,676.08
		For Two Stage Unit, Add	*1,181,495.79*	

23 64 13 16-0019 Single Effect Steam/Hot Water Absorption Chillers *(23 64 13 16)*
Note: Includes start-up, and all accessories. Includes factory charge of refrigerant and equipment rigging.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 64 13 16-0020	EA	100 Ton Single Effect Steam/Hot Water Absorption Chiller (Carrier 16JB)	313,063.50	5,845.52
23 64 13 16-0021	EA	150 Ton Single Effect Steam/Hot Water Absorption Chiller (Carrier 16JB)	318,095.50	6,001.36
23 64 13 16-0022	EA	200 Ton Single Effect Steam/Hot Water Absorption Chiller (Carrier 16JB)	354,477.38	6,115.47
23 64 13 16-0023	EA	250 Ton Single Effect Steam/Hot Water Absorption Chiller (Carrier 16JB)	395,315.19	6,268.84
23 64 13 16-0024	EA	300 Ton Single Effect Steam/Hot Water Absorption Chiller (Carrier 16JB)	436,964.34	6,638.65
23 64 13 16-0025	EA	350 Ton Single Effect Steam/Hot Water Absorption Chiller (Carrier 16JB)	479,474.15	6,799.09
23 64 13 16-0026	EA	400 Ton Single Effect Steam/Hot Water Absorption Chiller (Carrier 16JB)	525,270.32	7,077.06
23 64 13 16-0027	EA	500 Ton Single Effect Steam/Hot Water Absorption Chiller (Carrier 16JB)	628,075.80	7,283.24
23 64 13 16-0028	EA	680 Ton Single Effect Steam/Hot Water Absorption Chiller (Carrier 16JB)	737,450.57	10,276.32
23 64 13 16-0029		**Double Effect, Direct-Fired Absorption Chiller/Heaters** *(23 64 13 16)* Note: Includes start-up, and all accessories. Includes factory charge of refrigerant and equipment rigging.		
23 64 13 16-0030	EA	135 Ton Double Effect, Direct-Fired Absorption Chiller/Heater (Carrier 16DF)	313,430.93	6,001.36
23 64 13 16-0031	EA	200 Ton Double Effect, Direct-Fired Absorption Chiller/Heater (Carrier 16DF)	456,796.98	6,115.47
23 64 13 16-0032	EA	250 Ton Double Effect, Direct-Fired Absorption Chiller/Heater (Carrier 16DF)	490,111.29	6,268.84
23 64 13 16-0033	EA	350 Ton Double Effect, Direct-Fired Absorption Chiller/Heater (Carrier 16DF)	608,502.17	6,799.09
23 64 13 16-0034	EA	400 Ton Double Effect, Direct-Fired Absorption Chiller/Heater (Carrier 16DF)	693,796.72	7,077.06
23 64 13 16-0035	EA	500 Ton Double Effect, Direct-Fired Absorption Chiller/Heater (Carrier 16DF)	863,561.35	7,283.24
23 64 13 16-0036	EA	600 Ton Double Effect, Direct-Fired Absorption Chiller/Heater (Carrier 16DF)	1,039,895.27	10,276.32
23 64 13 16-0037	EA	700 Ton Double Effect, Direct-Fired Absorption Chiller/Heater (Carrier 16DF)	1,211,813.97	11,970.78
23 64 13 16-0038	EA	800 Ton Double Effect, Direct-Fired Absorption Chiller/Heater (Carrier 16DF)	1,382,346.81	12,502.91
23 64 13 16-0039	EA	900 Ton Double Effect, Direct-Fired Absorption Chiller/Heater (Carrier 16DF)	1,552,580.98	13,047.38
23 64 13 16-0040	EA	1,000 Ton Double Effect, Direct-Fired Absorption Chiller/Heater (Carrier 16DF)	1,722,914.11	13,499.47
23 64 13 16-0041		**Double Effect Steam Absorption Chillers** *(23 64 13 16)* Note: Includes start-up, and all accessories. Includes factory charge of refrigerant and equipment rigging.		
23 64 13 16-0042	EA	100 Ton Double-Effect Steam Absorption Chiller (Carrier 16JT)	528,386.07	5,845.52
23 64 13 16-0043	EA	150 Ton Double-Effect Steam Absorption Chiller (Carrier 16JT)	536,577.94	6,001.36
23 64 13 16-0044	EA	200 Ton Double-Effect Steam Absorption Chiller (Carrier 16JT)	597,486.43	6,115.47
23 64 13 16-0045	EA	250 Ton Double-Effect Steam Absorption Chiller (Carrier 16JT)	670,148.64	6,268.84
23 64 13 16-0046	EA	300 Ton Double-Effect Steam Absorption Chiller (Carrier 16JT)	743,321.26	6,638.65
23 64 13 16-0047	EA	350 Ton Double-Effect Steam Absorption Chiller (Carrier 16JT)	816,000.31	6,799.09
23 64 13 16-0048	EA	400 Ton Double-Effect Steam Absorption Chiller (Carrier 16JT)	891,288.60	7,077.06
23 64 13 16-0049	EA	500 Ton Double-Effect Steam Absorption Chiller (Carrier 16JT)	1,067,861.99	7,283.24
23 64 13 16-0050	EA	600 Ton Double-Effect Steam Absorption Chiller (Carrier 16JT)	1,251,004.68	10,276.32
23 64 13 16-0051	EA	1,125 Ton Double-Effect Steam Absorption Chiller (Carrier 16JT)	1,920,750.77	13,427.51
23 64 13 16-0052	EA	1,250 Ton Double-Effect Steam Absorption Chiller (Carrier 16JT)	2,063,864.78	13,912.69
23 64 13 16-0053	EA	1,450 Ton Double-Effect Steam Absorption Chiller (Carrier 16JT)	2,449,244.93	17,150.34
23 64 13 16-0054	EA	1,700 Ton Double-Effect Steam Absorption Chiller (Carrier 16JT)	2,876,968.24	18,058.97
23 64 16		**Centrifugal Water Chillers** *(23 64)*		
23 64 16 13		**Air-Cooled Centrifugal Water Chillers** *(23 64 16)*		
23 64 16 13-0001		**Magnetic Bearing, Air Cooled Centrifugal Chillers** *(23 64 16 13)* Note: SMARDT air cooled oil-free centrifugal chiller with variable speed control, magnetic bearings, lowest ARI IPLV in industry. Includes start up, freight, R-134a refrigerant charge, BACnet or equivalent interface.		
23 64 16 13-0002	EA	85 Ton, Single Compressor, Magnetic Bearing, Air Cooled Centrifugal Chiller	239,314.18	6,542.54
		For 5 Year Parts Only Compressor Warranty, Add	*6,649.50*	
23 64 16 13-0003	EA	175 Ton, Two Compressor, Magnetic Bearing, Air Cooled Centrifugal Chiller	339,634.41	8,758.20
		For 5 Year Parts Only Compressor Warranty, Add	*13,299.00*	
23 64 16 13-0004	EA	240 Ton, Three Compressor, Magnetic Bearing, Air Cooled Centrifugal Chiller	424,712.93	9,262.52
		For 5 Year Parts Only Compressor Warranty, Add	*19,948.50*	
23 64 16 16		**Water-Cooled Centrifugal Water Chillers** *(23 64 16)*		
23 64 16 16-0001		**Packaged Water-Cooled Centrifugal Water Chillers** *(23 64 16 16)* Note: Includes integral heat exchanger, refrigerant monitor with scanner, audible alarm, and lights, 460 voltage motor rating, controls (water temperature controller with PE switches, flow switch, etc.), start-up, and closed transition starter. Rated by cooling capacity in tons. Units are factory assembled package type consisting of compressor, motor, cooler, condenser, internal piping and wiring, motor starters, insulation, purge unit, factory wired and installed control panel, gauges, lubrication system, refrigerant charge, oil, phase monitoring for 3 phase units, start-up costs and equipment rigging. Units greater than 20 tons include dual compressors. Excludes piping and power wiring.		
23 64 16 16-0002	EA	180 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	159,132.16	6,725.88
		For 208/230 Voltage Motor Rating, Add	*5,933.12*	
23 64 16 16-0003	EA	200 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	173,949.63	6,896.23
		For 208/230 Voltage Motor Rating, Add	*6,514.74*	
23 64 16 16-0004	EA	225 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	191,857.94	7,071.51
		For 208/230 Voltage Motor Rating, Add	*7,219.95*	
23 64 16 16-0005	EA	250 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	209,337.42	7,355.03
		For 208/230 Voltage Motor Rating, Add	*7,900.91*	
23 64 16 16-0006	EA	275 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	226,422.54	7,770.34
		For 208/230 Voltage Motor Rating, Add	*8,557.63*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 64 16 16-0007	EA	300 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	242,883.13	8,174.32
		For 208/230 Voltage Motor Rating, Add	*9,190.10*	
23 64 16 16-0008	EA	325 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	258,806.94	8,622.51
		For 208/230 Voltage Motor Rating, Add	*9,798.25*	
23 64 16 16-0009	EA	350 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	274,089.49	9,047.73
		For 208/230 Voltage Motor Rating, Add	*10,382.23*	
23 64 16 16-0010	EA	375 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	288,703.92	9,435.45
		For 208/230 Voltage Motor Rating, Add	*10,941.90*	
23 64 16 16-0011	EA	400 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	302,581.14	9,741.59
		For 208/230 Voltage Motor Rating, Add	*11,477.31*	
23 64 16 16-0012	EA	425 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	316,135.56	10,224.21
		For 208/230 Voltage Motor Rating, Add	*11,988.48*	
23 64 16 16-0013	EA	450 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	328,942.38	10,618.65
		For 208/230 Voltage Motor Rating, Add	*12,475.41*	
23 64 16 16-0014	EA	475 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	341,134.79	11,008.03
		For 208/230 Voltage Motor Rating, Add	*12,938.09*	
23 64 16 16-0015	EA	500 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	352,580.09	11,309.57
		For 208/230 Voltage Motor Rating, Add	*13,376.52*	
23 64 16 16-0016	EA	550 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	373,325.74	11,710.61
		For 208/230 Voltage Motor Rating, Add	*14,180.58*	
23 64 16 16-0017	EA	600 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	391,411.53	11,965.24
		For 208/230 Voltage Motor Rating, Add	*14,887.65*	
23 64 16 16-0018	EA	650 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	407,612.07	12,556.67
		For 208/230 Voltage Motor Rating, Add	*15,497.67*	
23 64 16 16-0019	EA	700 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	421,402.28	13,157.05
		For 208/230 Voltage Motor Rating, Add	*16,010.71*	
23 64 16 16-0020	EA	750 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	432,868.33	13,817.56
		For 208/230 Voltage Motor Rating, Add	*16,426.90*	
23 64 16 16-0021	EA	800 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	459,782.86	14,484.19
		For 208/230 Voltage Motor Rating, Add	*17,460.65*	
23 64 16 16-0022	EA	850 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	486,507.31	15,148.70
		For 208/230 Voltage Motor Rating, Add	*18,486.94*	
23 64 16 16-0023	EA	900 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	513,144.29	15,876.99
		For 208/230 Voltage Motor Rating, Add	*19,505.62*	
23 64 16 16-0024	EA	950 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	539,707.54	16,678.84
		For 208/230 Voltage Motor Rating, Add	*20,516.63*	
23 64 16 16-0025	EA	1,000 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	566,261.80	17,784.21
		For 208/230 Voltage Motor Rating, Add	*21,519.96*	
23 64 16 16-0026	EA	1,100 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	614,415.60	20,520.31
		For 208/230 Voltage Motor Rating, Add	*23,272.19*	
23 64 16 16-0027	EA	1,200 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	660,767.17	23,264.21
		For 208/230 Voltage Motor Rating, Add	*24,951.82*	
23 64 16 16-0028	EA	1,300 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	704,471.89	25,486.91
		For 208/230 Voltage Motor Rating, Add	*26,558.72*	
23 64 16 16-0029	EA	1,400 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	745,000.55	26,855.44
		For 208/230 Voltage Motor Rating, Add	*28,092.87*	
23 64 16 16-0030	EA	1,500 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	783,634.57	28,179.22
		For 208/230 Voltage Motor Rating, Add	*29,554.08*	
23 64 16 16-0031	EA	1,600 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	819,662.24	28,996.07
		For 208/230 Voltage Motor Rating, Add	*30,943.26*	
23 64 16 16-0032	EA	1,700 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	855,782.98	31,018.99
		For 208/230 Voltage Motor Rating, Add	*32,259.50*	
23 64 16 16-0033	EA	1,800 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	889,275.03	32,532.11
		For 208/230 Voltage Motor Rating, Add	*33,502.99*	
23 64 16 16-0034	EA	1,900 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	921,663.81	34,495.28
		For 208/230 Voltage Motor Rating, Add	*34,673.75*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 64 16 16-0035	EA	2,000 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	951,075.75	35,727.27
		For 208/230 Voltage Motor Rating, Add	*35,771.91*	
23 64 16 16-0036	EA	2,250 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	1,012,792.58	37,749.60
		For 208/230 Voltage Motor Rating, Add	*38,199.29*	
23 64 16 16-0037	EA	2,500 Ton Packaged Water-Cooled Centrifugal Water Chiller Note: Includes integral heat exchanger, controls, and 440/460 V motor.	1,067,900.93	40,014.53
		For 208/230 Voltage Motor Rating, Add	*40,172.39*	
23 64 16 16-0038		**High-Efficiency Hermetic Centrifugal Liquid Chillers** *(23 64 16 16)* Note: Includes start-up, factory charge of refrigerant and equipment rigging.		
23 64 16 16-0039	EA	200 Ton High-Efficiency Hermetic Centrifugal Liquid Chiller (Carrier 19XR)	260,241.65	4,583.58
23 64 16 16-0040	EA	225 Ton High-Efficiency Hermetic Centrifugal Liquid Chiller (Carrier 19XR)	274,289.01	4,819.11
23 64 16 16-0041	EA	250 Ton High-Efficiency Hermetic Centrifugal Liquid Chiller (Carrier 19XR)	288,236.52	5,012.32
23 64 16 16-0042	EA	275 Ton High-Efficiency Hermetic Centrifugal Liquid Chiller (Carrier 19XR)	300,272.06	5,295.36
23 64 16 16-0043	EA	300 Ton High-Efficiency Hermetic Centrifugal Liquid Chiller (Carrier 19XR)	312,330.87	5,570.61
23 64 16 16-0044	EA	325 Ton High-Efficiency Hermetic Centrifugal Liquid Chiller (Carrier 19XR)	333,039.15	5,876.06
23 64 16 16-0045	EA	350 Ton High-Efficiency Hermetic Centrifugal Liquid Chiller (Carrier 19XR)	353,710.52	6,165.81
23 64 16 16-0046	EA	375 Ton High-Efficiency Hermetic Centrifugal Liquid Chiller (Carrier 19XR)	374,321.71	6,429.99
23 64 16 16-0047	EA	400 Ton High-Efficiency Hermetic Centrifugal Liquid Chiller (Carrier 19XR)	394,801.84	6,638.65
23 64 16 16-0048	EA	425 Ton High-Efficiency Hermetic Centrifugal Liquid Chiller (Carrier 19XR)	425,663.58	6,967.55
23 64 16 16-0049	EA	450 Ton High-Efficiency Hermetic Centrifugal Liquid Chiller (Carrier 19XR)	456,383.87	7,236.44
23 64 16 16-0050	EA	475 Ton High-Efficiency Hermetic Centrifugal Liquid Chiller (Carrier 19XR)	487,095.89	7,501.68
23 64 16 16-0051	EA	500 Ton High-Efficiency Hermetic Centrifugal Liquid Chiller (Carrier 19XR)	517,666.94	7,707.26
23 64 16 16-0052	EA	550 Ton High-Efficiency Hermetic Centrifugal Liquid Chiller (Carrier 19XR)	530,887.14	7,980.53
23 64 16 16-0053	EA	600 Ton High-Efficiency Hermetic Centrifugal Liquid Chiller (Carrier 19XR)	543,872.07	8,154.04
23 64 16 16-0054	EA	650 Ton High-Efficiency Hermetic Centrifugal Liquid Chiller (Carrier 19XR)	562,124.52	8,557.09
23 64 16 16-0055	EA	700 Ton High-Efficiency Hermetic Centrifugal Liquid Chiller (Carrier 19XR)	580,391.22	8,966.15
23 64 16 16-0056	EA	750 Ton High-Efficiency Hermetic Centrifugal Liquid Chiller (Carrier 19XR)	631,839.60	9,416.35
23 64 16 16-0057	EA	800 Ton High-Efficiency Hermetic Centrifugal Liquid Chiller (Carrier 19XR)	683,131.11	9,870.68
23 64 16 16-0058	EA	850 Ton High-Efficiency Hermetic Centrifugal Liquid Chiller (Carrier 19XR)	719,760.95	10,323.47
23 64 16 16-0059	EA	900 Ton High-Efficiency Hermetic Centrifugal Liquid Chiller (Carrier 19XR)	756,035.34	10,819.76
23 64 16 16-0060	EA	950 Ton High-Efficiency Hermetic Centrifugal Liquid Chiller (Carrier 19XR)	793,010.89	11,366.27
23 64 16 16-0061	EA	1,000 Ton High-Efficiency Hermetic Centrifugal Liquid Chiller (Carrier 19XR)	829,503.04	12,119.54
23 64 16 16-0062	EA	1,100 Ton High-Efficiency Hermetic Centrifugal Liquid Chiller (Carrier 19XR)	900,853.70	13,984.09
23 64 16 16-0063	EA	1,200 Ton High-Efficiency Hermetic Centrifugal Liquid Chiller (Carrier 19XR)	971,675.62	15,854.03
23 64 16 16-0064	EA	1,300 Ton High-Efficiency Hermetic Centrifugal Liquid Chiller (Carrier 19XR)	1,034,173.50	17,368.83
23 64 16 16-0065	EA	1,400 Ton High-Efficiency Hermetic Centrifugal Liquid Chiller (Carrier 19XR)	1,095,272.12	18,301.33
23 64 16 16-0066	EA	1,500 Ton High-Efficiency Hermetic Centrifugal Liquid Chiller (Carrier 19XR)	1,255,283.76	19,203.50
23 64 16 16-0067		**Hermetic Centrifugal Liquid Chillers** *(23 64 16 16)* Note: Includes start-up, factory charge of refrigerant and equipment rigging.		
23 64 16 16-0068	EA	1,500 Ton Hermetic Centrifugal Liquid Chiller (Carrier 19EX)	1,284,655.41	19,263.37
23 64 16 16-0069	EA	1,600 Ton Hermetic Centrifugal Liquid Chiller (Carrier 19EX)	1,396,933.34	19,760.10
23 64 16 16-0070	EA	1,700 Ton Hermetic Centrifugal Liquid Chiller (Carrier 19EX)	1,521,761.25	21,138.71
23 64 16 16-0071	EA	1,800 Ton Hermetic Centrifugal Liquid Chiller (Carrier 19EX)	1,656,650.52	22,169.97
23 64 16 16-0072	EA	1,900 Ton Hermetic Centrifugal Liquid Chiller (Carrier 19EX)	1,852,347.34	23,507.78
23 64 16 16-0073	EA	2,000 Ton Hermetic Centrifugal Liquid Chiller (Carrier 19EX)	2,016,100.56	24,347.31
23 64 16 16-0074	EA	2,200 Ton Hermetic Centrifugal Liquid Chiller (Carrier 19EX)	2,307,552.76	24,790.05
23 64 16 16-0075		**Open-Drive Centrifugal Liquid Chillers** *(23 64 16 16)*		
23 64 16 16-0076	EA	1,500 Ton Open-Drive Centrifugal Liquid Chiller (Carrier 17EX)	1,311,740.01	19,263.37
23 64 16 16-0077	EA	1,600 Ton Open-Drive Centrifugal Liquid Chiller (Carrier 17EX)	1,428,348.52	19,760.10
23 64 16 16-0078	EA	1,700 Ton Open-Drive Centrifugal Liquid Chiller (Carrier 17EX)	1,556,004.63	21,138.71
23 64 16 16-0079	EA	1,800 Ton Open-Drive Centrifugal Liquid Chiller (Carrier 17EX)	1,693,974.95	22,169.97
23 64 16 16-0080	EA	1,900 Ton Open-Drive Centrifugal Liquid Chiller (Carrier 17EX)	1,894,150.30	23,507.78
23 64 16 16-0081	EA	2,000 Ton Open-Drive Centrifugal Liquid Chiller (Carrier 17EX)	2,061,666.20	24,347.31
23 64 16 16-0082	EA	2,250 Ton Open-Drive Centrifugal Liquid Chiller (Carrier 17EX)	2,359,872.36	24,790.05
23 64 16 16-0083		**Magnetic Bearing, Water Cooled Centrifugal Water Chillers** *(23 64 16 16)* Note: SMARDT water cooled oil-free centrifugal chiller with variable speed control, magnetic bearings, 10 amp maximum inrush current and ARI part load <0.4kW per ton. Includes start up, freight, R-134a refrigerant charge, BACnet or equivalent interface, 12/18 month compressor warranty.		
23 64 16 16-0084	EA	60 To 85 Ton, Single Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller	150,698.30	5,658.44
		For 5 Year Parts Only Compressor Warranty, Add	*6,649.50*	
		For Marine Water Box Connections, Add	*4,457.88*	
23 64 16 16-0085	EA	130 To 137 Ton, Single Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller	189,746.91	6,576.76
		For 5 Year Parts Only Compressor Warranty, Add	*6,649.50*	
		For Marine Water Box Connections, Add	*4,457.88*	
23 64 16 16-0086	EA	125 To 170 Ton, Dual Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller	237,645.08	6,725.88
		For 5 Year Parts Only Compressor Warranty, Add	*13,299.00*	
		For Marine Water Box Connections, Add	*4,457.88*	
23 64 16 16-0087	EA	240 To 270 Ton, Dual Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller	309,472.91	7,770.34
		For 5 Year Parts Only Compressor Warranty, Add	*13,299.00*	
		For Marine Water Box Connections, Add	*4,457.88*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 64 16 16-0088	EA	210 To 260 Ton, Three Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller	311,857.84	7,355.03
		For 5 Year Parts Only Compressor Warranty, Add	*19,948.50*	
		For Marine Water Box Connections, Add	*4,457.88*	
23 64 16 16-0089	EA	355 To 405 Ton, Three Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller	467,858.67	9,741.59
		For 5 Year Parts Only Compressor Warranty, Add	*19,948.50*	
		For Marine Water Box Connections, Add	*4,457.88*	
23 64 16 16-0090	EA	299 To 340 Ton, Four Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller	414,505.53	9,047.73
		For 5 Year Parts Only Compressor Warranty, Add	*24,381.50*	
		For Marine Water Box Connections, Add	*6,209.19*	
23 64 16 16-0091	EA	540 Ton, Four Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller	575,921.93	11,710.61
		For 5 Year Parts Only Compressor Warranty, Add	*24,381.50*	
		For Marine Water Box Connections, Add	*6,209.19*	
23 64 16 16-0092	EA	425 Ton, Five Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller	515,896.25	10,224.21
		For 5 Year Parts Only Compressor Warranty, Add	*28,814.50*	
		For Marine Water Box Connections, Add	*6,209.19*	
23 64 16 16-0093	EA	650 Ton, Five Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller	690,475.36	12,556.67
		For 5 Year Parts Only Compressor Warranty, Add	*28,814.50*	
		For Marine Water Box Connections, Add	*6,209.19*	
23 64 16 16-0094	EA	510 Ton, Six Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller	614,281.46	11,309.57
		For 5 Year Parts Only Compressor Warranty, Add	*33,247.50*	
		For Marine Water Box Connections, Add	*6,527.61*	
23 64 16 16-0095	EA	800 Ton, Six Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller	791,461.18	14,484.19
		For 5 Year Parts Only Compressor Warranty, Add	*33,247.50*	
		For Marine Water Box Connections, Add	*6,527.61*	

23 64 23 Scroll Water Chillers *(23 64)*

23 64 23 13 Air-Cooled Scroll Water Chillers *(23 64 23)*

23 64 23 13-0001 Packaged Air Cooled Scroll Water Chillers *(23 64 23 13)*

Note: With integral heat exchanger. Rated by cooling capacity, tons. Units are factory assembled package type. Includes scroll compressor, motor, cooler, condenser, internal piping, oil, discharge/suction gauges, lead lag switch, compressor unloaders, removable core filter drier with 3-valve by-pass, sight glass, internal wiring, motor starters, insulation, fan cycling controls, standard oil hi/low safety control switches, operation and safety controls, factory wired and installed control panel, refrigerant charge, vibration eliminators, phase monitoring for 3 phase units, factory charge of refrigerant, start-up and equipment rigging. Units greater than 20 tons include dual compressors. Excludes piping and power wiring. Excludes crane and associated personnel.

23 64 23 13-0002	EA	10 Ton Packaged Air Cooled Scroll Water Chiller	25,790.29	1,672.81
23 64 23 13-0003	EA	15 Ton Packaged Air Cooled Scroll Water Chiller	37,757.90	1,694.26
23 64 23 13-0004	EA	18 Ton Packaged Air Cooled Scroll Water Chiller	41,205.86	1,812.22
23 64 23 13-0005	EA	22 Ton Packaged Air Cooled Scroll Water Chiller	45,330.01	1,940.89
23 64 23 13-0006	EA	25 Ton Packaged Air Cooled Scroll Water Chiller	46,074.45	2,069.57
23 64 23 13-0007	EA	30 Ton Packaged Air Cooled Scroll Water Chiller	48,619.39	2,219.69
23 64 23 13-0008	EA	40 Ton Packaged Air Cooled Scroll Water Chiller	55,585.16	2,401.99
23 64 23 13-0009	EA	45 Ton Packaged Air Cooled Scroll Water Chiller	59,695.94	2,605.73
23 64 23 13-0010	EA	50 Ton Packaged Air Cooled Scroll Water Chiller	63,033.80	2,680.80
23 64 23 13-0011	EA	55 Ton Packaged Air Cooled Scroll Water Chiller	65,834.67	2,798.75
23 64 23 13-0012	EA	60 Ton Packaged Air Cooled Scroll Water Chiller	68,046.03	2,895.26
23 64 23 13-0013	EA	70 Ton Packaged Air Cooled Scroll Water Chiller	78,500.12	3,259.84
23 64 23 13-0014	EA	80 Ton Packaged Air Cooled Scroll Water Chiller	84,502.03	3,570.81
23 64 23 13-0015	EA	90 Ton Packaged Air Cooled Scroll Water Chiller	86,038.36	3,581.54
23 64 23 13-0016	EA	100 Ton Packaged Air Cooled Scroll Water Chiller	91,024.29	3,592.26
23 64 23 13-0017	EA	110 Ton Packaged Air Cooled Scroll Water Chiller	95,878.04	3,602.98
23 64 23 13-0018	EA	120 Ton Packaged Air Cooled Scroll Water Chiller	100,792.14	3,613.71
23 64 23 13-0019	EA	130 Ton Packaged Air Cooled Scroll Water Chiller	105,958.96	3,624.43

23 64 23 16 Water-Cooled Scroll Water Chillers *(23 64 23)*

23 64 23 16-0001 Packaged Water Cooled Scroll Water Chillers *(23 64 23 16)*

Note: Integral heat exchanger. Rated by cooling capacity in tons. Units are factory assembled package type. Includes hermetic compressor, motor, cooler, condenser, internal piping, oil, discharge/suction gauges, lead lag switch, compressor unloaders, removable core filter drier with 3 valve by-pass, sight glass, internal wiring, motor starters, insulation, fan cycling controls, standard oil hi/low safety control switches, operation and safety controls, factory wired and installed control panel, refrigerant charge, vibration eliminators, phase monitoring for 3 phase units, start-up costs and equipment rigging. Units greater than 20 tons include dual compressors. Excludes piping and power wiring.

23 64 23 16-0002	EA	20 Ton Packaged Water Cooled Scroll Water Chiller	28,175.68	2,172.23
23 64 23 16-0003	EA	25 Ton Packaged Water Cooled Scroll Water Chiller	32,340.72	2,237.85
23 64 23 16-0004	EA	30 Ton Packaged Water Cooled Scroll Water Chiller	35,870.30	2,456.69
23 64 23 16-0005	EA	40 Ton Packaged Water Cooled Scroll Water Chiller	44,166.79	3,142.74
23 64 23 16-0006	EA	50 Ton Packaged Water Cooled Scroll Water Chiller	48,849.64	3,444.13
23 64 23 16-0007	EA	60 Ton Packaged Water Cooled Scroll Water Chiller	51,389.82	3,805.32

23 64 26 Rotary-Screw Water Chillers *(23 64)*

23 64 26 13 Air-Cooled, Rotary-Screw Water Chillers *(23 64 26)*

23 64 26 13-0001 Packaged Air Cooled Rotary-Screw Water Chillers *(23 64 26 13)*

Note: Includes hermetic direct-drive compressors start-up, coil guards, copper fins, copper tubes, factory wired and installed control panel, refrigerant monitor with scanner, audible alarm, and lights, phase monitoring for 3 phase units, 440/460 voltage motor rating, motor starters, factory charge of refrigerant and equipment rigging. Units greater than 20 tons include dual compressors. Excludes crane and associated personnel.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 64 26 13-0002	EA	70 Ton Packaged Air Cooled Rotary-Screw Water Chiller	106,891.44	4,106.97
		For Aluminum Fins Instead Of Copper, Deduct	*-1,511.05*	
		For 208/230 Voltage Motor Rating, Add	*4,029.45*	
23 64 26 13-0003	EA	80 Ton Packaged Air Cooled Rotary-Screw Water Chiller	114,876.03	4,460.84
		For Aluminum Fins Instead Of Copper, Deduct	*-1,622.93*	
		For 208/230 Voltage Motor Rating, Add	*4,327.82*	
23 64 26 13-0004	EA	90 Ton Packaged Air Cooled Rotary-Screw Water Chiller	120,843.85	4,653.86
		For Aluminum Fins Instead Of Copper, Deduct	*-1,707.95*	
		For 208/230 Voltage Motor Rating, Add	*4,554.52*	
23 64 26 13-0005	EA	100 Ton Packaged Air Cooled Rotary-Screw Water Chiller	125,290.26	5,007.72
		For Aluminum Fins Instead Of Copper, Deduct	*-1,766.76*	
		For 208/230 Voltage Motor Rating, Add	*4,711.36*	
23 64 26 13-0006	EA	110 Ton Packaged Air Cooled Rotary-Screw Water Chiller	134,477.79	5,254.35
		For Aluminum Fins Instead Of Copper, Deduct	*-1,899.10*	
		For 208/230 Voltage Motor Rating, Add	*5,064.28*	
23 64 26 13-0007	EA	120 Ton Packaged Air Cooled Rotary-Screw Water Chiller	142,929.90	5,361.58
		For Aluminum Fins Instead Of Copper, Deduct	*-2,023.31*	
		For 208/230 Voltage Motor Rating, Add	*5,395.50*	
23 64 26 13-0008	EA	130 Ton Packaged Air Cooled Rotary-Screw Water Chiller	150,891.14	5,543.88
		For Aluminum Fins Instead Of Copper, Deduct	*-2,138.71*	
		For 208/230 Voltage Motor Rating, Add	*5,703.23*	
23 64 26 13-0009	EA	140 Ton Packaged Air Cooled Rotary-Screw Water Chiller	155,722.80	5,661.83
		For Aluminum Fins Instead Of Copper, Deduct	*-2,208.45*	
		For 208/230 Voltage Motor Rating, Add	*5,889.20*	
23 64 26 13-0010	EA	160 Ton Packaged Air Cooled Rotary-Screw Water Chiller	164,456.06	5,779.79
		For Aluminum Fins Instead Of Copper, Deduct	*-2,336.72*	
		For 208/230 Voltage Motor Rating, Add	*6,231.24*	
23 64 26 13-0011	EA	170 Ton Packaged Air Cooled Rotary-Screw Water Chiller	171,671.07	5,962.08
		For Aluminum Fins Instead Of Copper, Deduct	*-2,440.92*	
		For 208/230 Voltage Motor Rating, Add	*6,509.12*	
23 64 26 13-0012	EA	180 Ton Packaged Air Cooled Rotary-Screw Water Chiller	181,036.96	6,197.99
		For Aluminum Fins Instead Of Copper, Deduct	*-2,576.10*	
		For 208/230 Voltage Motor Rating, Add	*6,869.60*	
23 64 26 13-0013	EA	200 Ton Packaged Air Cooled Rotary-Screw Water Chiller	189,254.92	6,326.67
		For Aluminum Fins Instead Of Copper, Deduct	*-2,696.63*	
		For 208/230 Voltage Motor Rating, Add	*7,191.03*	
23 64 26 13-0014	EA	215 Ton Packaged Air Cooled Rotary-Screw Water Chiller	202,909.66	6,433.90
		For Aluminum Fins Instead Of Copper, Deduct	*-2,898.88*	
		For 208/230 Voltage Motor Rating, Add	*7,730.35*	
23 64 26 13-0015	EA	225 Ton Packaged Air Cooled Rotary-Screw Water Chiller	211,984.23	6,498.24
		For Aluminum Fins Instead Of Copper, Deduct	*-3,033.71*	
		For 208/230 Voltage Motor Rating, Add	*8,089.90*	
23 64 26 13-0016	EA	240 Ton Packaged Air Cooled Rotary-Screw Water Chiller	221,058.80	6,551.86
		For Aluminum Fins Instead Of Copper, Deduct	*-3,168.55*	
		For 208/230 Voltage Motor Rating, Add	*8,449.46*	
23 64 26 13-0017	EA	260 Ton Packaged Air Cooled Rotary-Screw Water Chiller	248,218.15	6,680.54
		For Aluminum Fins Instead Of Copper, Deduct	*-3,573.04*	
		For 208/230 Voltage Motor Rating, Add	*9,528.11*	
23 64 26 13-0018	EA	280 Ton Packaged Air Cooled Rotary-Screw Water Chiller	261,883.64	6,809.21
		For Aluminum Fins Instead Of Copper, Deduct	*-3,775.29*	
		For 208/230 Voltage Motor Rating, Add	*10,067.44*	
23 64 26 13-0019	EA	300 Ton Packaged Air Cooled Rotary-Screw Water Chiller	280,032.77	6,916.44
		For Aluminum Fins Instead Of Copper, Deduct	*-4,044.95*	
		For 208/230 Voltage Motor Rating, Add	*10,786.54*	
23 64 26 13-0020	EA	325 Ton Packaged Air Cooled Rotary-Screw Water Chiller	307,170.69	7,034.40
		For Aluminum Fins Instead Of Copper, Deduct	*-4,449.45*	
		For 208/230 Voltage Motor Rating, Add	*11,865.19*	

23 64 26 13-0021 Package Air Cooled Screw Liquid Chillers *(23 64 26 13)*

Note: Low noise 06N twin screw compressors, chlorine free R-134A refrigerant, compact footprint, new "Aeroacoustic" fans, low pressure drop cleanable coolers and advanced microprocessor charge of refrigerant and equipment or controls. Includes start-up, factory charge or refrigerant and equipment rigging. Excludes crane and associated personnel.

23 64 26 13-0022	EA	80 Ton Package Air Cooled Screw Liquid Chiller (Carrier Ecologic 30GX)	104,302.74	2,830.92
23 64 26 13-0023	EA	90 Ton Package Air Cooled Screw Liquid Chiller (Carrier Ecologic 30GX)	111,059.84	2,959.60
23 64 26 13-0024	EA	100 Ton Package Air Cooled Screw Liquid Chiller (Carrier Ecologic 30GX)	115,838.55	3,184.78
23 64 26 13-0025	EA	110 Ton Package Air Cooled Screw Liquid Chiller (Carrier Ecologic 30GX)	136,146.13	3,334.91
23 64 26 13-0026	EA	120 Ton Package Air Cooled Screw Liquid Chiller (Carrier Ecologic 30GX)	148,689.76	3,409.97
23 64 26 13-0027	EA	130 Ton Package Air Cooled Screw Liquid Chiller (Carrier Ecologic 30GX)	171,548.98	3,527.92
23 64 26 13-0028	EA	140 Ton Package Air Cooled Screw Liquid Chiller (Carrier Ecologic 30GX)	179,839.42	3,602.98
23 64 26 13-0029	EA	155 Ton Package Air Cooled Screw Liquid Chiller (Carrier Ecologic 30GX)	185,466.02	3,678.05
23 64 26 13-0030	EA	175 Ton Package Air Cooled Screw Liquid Chiller (Carrier Ecologic 30GX)	193,908.27	3,796.00
23 64 26 13-0031	EA	185 Ton Package Air Cooled Screw Liquid Chiller (Carrier Ecologic 30GX)	203,802.76	3,946.12
23 64 26 13-0032	EA	200 Ton Package Air Cooled Screw Liquid Chiller (Carrier Ecologic 30GX)	207,942.88	4,021.19
23 64 26 13-0033	EA	215 Ton Package Air Cooled Screw Liquid Chiller (Carrier Ecologic 30GX)	220,160.27	4,096.25
23 64 26 13-0034	EA	235 Ton Package Air Cooled Screw Liquid Chiller (Carrier Ecologic 30GX)	277,144.76	4,171.31
23 64 26 13-0035	EA	265 Ton Package Air Cooled Screw Liquid Chiller (Carrier Ecologic 30GX)	281,030.92	4,246.37
23 64 26 13-0036	EA	280 Ton Package Air Cooled Screw Liquid Chiller (Carrier Ecologic 30GX)	286,906.83	4,332.16
23 64 26 13-0037	EA	300 Ton Package Air Cooled Screw Liquid Chiller (Carrier Ecologic 30GX)	310,129.80	4,396.49
23 64 26 13-0038	EA	325 Ton Package Air Cooled Screw Liquid Chiller (Carrier Ecologic 30GX)	344,770.75	4,471.56
23 64 26 13-0039	EA	350 Ton Package Air Cooled Screw Liquid Chiller (Carrier Ecologic 30GX)	368,938.28	4,589.52

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

23 64 26 16 Water-Cooled, Rotary-Screw Water Chillers *(23 64 26)*

23 64 26 16-0001 Packaged Water Cooled Helical Rotary Water Chillers *(23 64 26 16)*

Note: Integral heat exchanger. Rated by cooling capacity in tons. Factory assembled package type includes semi-hermetic compressor, motor, cooler, condenser, internal piping, oil, discharge/suction gages, lead-lag switch, compressor unloaders, removable core filter dryer, 3-valve by-pass, sight glass, internal wiring, motor starters, insulation, standard oil hi/low safety control switches, operation and safety controls, factory wired and installed control panel, full factory refrigerant charge, vibration eliminators, NEMA 1 flow switches, wye-delta starter, extended warranty on compressor(s), start-up costs and equipment rigging. Excludes piping and power wiring.

23 64 26 16-0002	EA	70 Ton Packaged Water Cooled Helical Rotary Water Chiller	70,648.86	5,304.78
23 64 26 16-0003	EA	80 Ton Packaged Water Cooled Helical Rotary Water Chiller	76,667.17	5,511.09
23 64 26 16-0004	EA	90 Ton Packaged Water Cooled Helical Rotary Water Chiller	81,895.88	5,658.44
23 64 26 16-0005	EA	100 Ton Packaged Water Cooled Helical Rotary Water Chiller	86,451.38	5,897.16
23 64 26 16-0006	EA	110 Ton Packaged Water Cooled Helical Rotary Water Chiller	90,973.32	6,059.24
23 64 26 16-0007	EA	125 Ton Packaged Water Cooled Helical Rotary Water Chiller	96,480.53	6,229.35
23 64 26 16-0008	EA	130 Ton Packaged Water Cooled Helical Rotary Water Chiller	130,127.74	6,403.47
23 64 26 16-0009	EA	150 Ton Packaged Water Cooled Helical Rotary Water Chiller	135,090.98	6,576.76
23 64 26 16-0010	EA	175 Ton Packaged Water Cooled Helical Rotary Water Chiller	138,807.77	6,739.56
23 64 26 16-0011	EA	190 Ton Packaged Water Cooled Helical Rotary Water Chiller	140,218.54	7,076.59
23 64 26 16-0012	EA	200 Ton Packaged Water Cooled Helical Rotary Water Chiller	139,245.80	7,417.86
23 64 26 16-0013	EA	210 Ton Packaged Water Cooled Helical Rotary Water Chiller	147,319.40	7,576.65
23 64 26 16-0014	EA	235 Ton Packaged Water Cooled Helical Rotary Water Chiller	160,094.38	7,742.39
23 64 26 16-0015	EA	255 Ton Packaged Water Cooled Helical Rotary Water Chiller	170,086.36	8,096.75
23 64 26 16-0016	EA	275 Ton Packaged Water Cooled Helical Rotary Water Chiller	179,539.35	8,424.48
23 64 26 16-0017	EA	300 Ton Packaged Water Cooled Helical Rotary Water Chiller	190,541.53	8,758.20
23 64 26 16-0018	EA	350 Ton Packaged Water Cooled Helical Rotary Water Chiller	209,172.74	9,534.47
23 64 26 16-0019	EA	400 Ton Packaged Water Cooled Helical Rotary Water Chiller	224,432.73	10,486.97
23 64 26 16-0020	EA	450 Ton Packaged Water Cooled Helical Rotary Water Chiller	236,338.66	11,536.14

23 64 26 16-0021 Package Water Cooled Hermetic Screw Liquid Chillers *(23 64 26 16)*

Note: Includes start-up, factory charge of refrigerant and equipment rigging.

23 64 26 16-0022	EA	165 Ton Package Water Cooled Hermetic Screw Liquid Chiller (Carrier 23XL)	164,724.13	4,286.74
23 64 26 16-0023	EA	190 Ton Package Water Cooled Hermetic Screw Liquid Chiller (Carrier 23XL)	173,292.74	4,501.05
23 64 26 16-0024	EA	200 Ton Package Water Cooled Hermetic Screw Liquid Chiller (Carrier 23XL)	180,113.43	4,718.08
23 64 26 16-0025	EA	210 Ton Package Water Cooled Hermetic Screw Liquid Chiller (Carrier 23XL)	185,737.40	4,819.11
23 64 26 16-0026	EA	230 Ton Package Water Cooled Hermetic Screw Liquid Chiller (Carrier 23XL)	195,280.40	4,924.49
23 64 26 16-0027	EA	250 Ton Package Water Cooled Hermetic Screw Liquid Chiller (Carrier 23XL)	205,444.62	5,149.89
23 64 26 16-0028	EA	270 Ton Package Water Cooled Hermetic Screw Liquid Chiller (Carrier 23XL)	212,614.39	5,358.42
23 64 26 16-0029	EA	300 Ton Package Water Cooled Hermetic Screw Liquid Chiller (Carrier 23XL)	213,822.46	5,570.61
23 64 26 16-0030	EA	330 Ton Package Water Cooled Hermetic Screw Liquid Chiller (Carrier 23XL)	231,011.19	6,012.09
23 64 26 16-0031	EA	360 Ton Package Water Cooled Hermetic Screw Liquid Chiller (Carrier 23XL)	265,218.24	6,483.63

23 65 Cooling Towers *(23 60)*

23 65 13 Forced-Draft Cooling Towers *(23 65)*

23 65 13 16 Closed-Circuit, Forced-Draft Cooling Towers *(23 65 13)*

23 65 13 16-0001 Closed-Circuit, Forced-Draft Cooling Towers *(23 65 13 16)*

23 65 13 16-0002 Blow-Thru Centrifugal Fan Type Galvanized Cooling Towers *(23 65 13 16-0001)*

Note: Including 2-speed motor internal piping, vibration switch, basin, start-up costs and equipment rigging. Excludes motor starter, piping and power wiring. Rated by cooling capacity in tons. Design temperature 95 degree F in, 85 degree F out. Excludes crane and associated personnel.

23 65 13 16-0003	EA	50 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	20,637.98	1,780.05
		For Stainless Steel Cooling Tower, Add	*10,780.75*	
23 65 13 16-0004	EA	75 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	28,484.96	2,176.80
		For Stainless Steel Cooling Tower, Add	*15,141.50*	
23 65 13 16-0005	EA	100 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	35,688.93	2,734.41
		For Stainless Steel Cooling Tower, Add	*18,775.46*	
23 65 13 16-0006	EA	125 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	41,173.91	3,056.11
		For Stainless Steel Cooling Tower, Add	*21,757.62*	
23 65 13 16-0007	EA	150 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	47,064.13	3,442.14
		For Stainless Steel Cooling Tower, Add	*24,918.59*	
23 65 13 16-0008	EA	175 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	52,920.34	3,860.34
		For Stainless Steel Cooling Tower, Add	*28,033.41*	
23 65 13 16-0009	EA	200 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	59,396.26	4,299.99
		For Stainless Steel Cooling Tower, Add	*31,494.32*	
23 65 13 16-0010	EA	225 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	64,890.11	4,846.87
		For Stainless Steel Cooling Tower, Add	*34,263.05*	
23 65 13 16-0011	EA	250 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	70,680.88	5,383.03
		For Stainless Steel Cooling Tower, Add	*37,216.37*	
23 65 13 16-0012	EA	275 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	77,333.19	6,369.57
		For Stainless Steel Cooling Tower, Add	*40,261.97*	
23 65 13 16-0013	EA	300 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	84,024.32	7,055.85
		For Stainless Steel Cooling Tower, Add	*43,607.53*	
23 65 13 16-0014	EA	325 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	88,534.62	7,506.22
		For Stainless Steel Cooling Tower, Add	*45,914.80*	
23 65 13 16-0015	EA	350 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	93,814.38	7,945.86
		For Stainless Steel Cooling Tower, Add	*48,625.85*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 65 13 16-0016	EA	375 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	98,954.74	8,331.90
		For Stainless Steel Cooling Tower, Add	*51,336.90*	
23 65 13 16-0017	EA	400 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	104,853.47	8,717.94
		For Stainless Steel Cooling Tower, Add	*54,509.41*	
23 65 13 16-0018	EA	425 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	111,094.59	9,189.75
		For Stainless Steel Cooling Tower, Add	*57,797.27*	
23 65 13 16-0019	EA	450 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	118,190.23	9,661.57
		For Stainless Steel Cooling Tower, Add	*61,604.29*	
23 65 13 16-0020	EA	475 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	125,093.22	10,069.06
		For Stainless Steel Cooling Tower, Add	*65,353.61*	
23 65 13 16-0021	EA	500 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	132,006.92	10,476.54
		For Stainless Steel Cooling Tower, Add	*69,102.93*	
23 65 13 16-0022	EA	550 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	145,201.68	10,916.18
		For Stainless Steel Cooling Tower, Add	*76,601.58*	
23 65 13 16-0023	EA	600 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	159,550.07	11,345.11
		For Stainless Steel Cooling Tower, Add	*84,792.41*	
23 65 13 16-0024	EA	650 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	165,404.06	11,581.02
		For Stainless Steel Cooling Tower, Add	*88,253.33*	
23 65 13 16-0025	EA	700 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	172,411.66	11,731.15
		For Stainless Steel Cooling Tower, Add	*92,406.43*	
23 65 13 16-0026	EA	750 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	180,469.41	12,331.64
		For Stainless Steel Cooling Tower, Add	*96,674.89*	
23 65 13 16-0027	EA	800 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	189,873.05	12,932.14
		For Stainless Steel Cooling Tower, Add	*101,750.89*	
23 65 13 16-0028	EA	850 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	199,362.50	13,586.26
		For Stainless Steel Cooling Tower, Add	*106,826.90*	
23 65 13 16-0029	EA	900 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	210,390.13	14,240.37
		For Stainless Steel Cooling Tower, Add	*112,825.82*	
23 65 13 16-0030	EA	950 Ton Blow-Thru Centrifugal Fan Type Cooling Tower	221,760.15	14,990.98
		For Stainless Steel Cooling Tower, Add	*118,940.11*	
23 65 13 16-0031	EA	1,000 Ton Centrifugal Type Cooling Tower	234,657.61	15,741.61
		For Stainless Steel Cooling Tower, Add	*125,977.30*	

23 65 14 Induced-Draft Cooling Towers *(23 65)*

23 65 14 13 Open-Circuit, Induced-Draft Counterflow Cooling Towers *(23 65 14)*

23 65 14 13-0001 Galvanized Induced Draft Axial Single Flow Propeller Type Cooling Towers
(23 65 14 13)
Note: Includes internal piping, fan, motor, vibration switch, start-up costs and equipment rigging. Excludes motor starter, piping or power wiring. Rated by cooling capacity in tons. Based on design water temperature 95 degree F in, 85 degree F out 78 degree F wet bulb. 3 GPM/ton. Excludes crane and associated personnel.

23 65 14 13-0002	EA	10 Ton Induced Draft Axial Single Flow Propeller Type Cooling Tower	10,482.62	1,201.00
		For Polymer Coating Over Galvanized Components, Add	*1,302.17*	
		For Stainless Steel Support Structure, Add	*2,604.34*	
23 65 14 13-0003	EA	20 Ton Induced Draft Axial Single Flow Propeller Type Cooling Tower	12,449.73	1,297.51
		For Polymer Coating Over Galvanized Components, Add	*1,574.72*	
		For Stainless Steel Support Structure, Add	*3,149.43*	
23 65 14 13-0004	EA	30 Ton Induced Draft Axial Single Flow Propeller Type Cooling Tower	14,906.38	1,458.35
		For Polymer Coating Over Galvanized Components, Add	*1,907.83*	
		For Stainless Steel Support Structure, Add	*3,815.66*	
23 65 14 13-0005	EA	40 Ton Induced Draft Axial Single Flow Propeller Type Cooling Tower	16,544.78	1,608.48
		For Polymer Coating Over Galvanized Components, Add	*2,119.81*	
		For Stainless Steel Support Structure, Add	*4,239.62*	
23 65 14 13-0006	EA	50 Ton Induced Draft Axial Single Flow Propeller Type Cooling Tower	19,628.54	1,780.05
		For Polymer Coating Over Galvanized Components, Add	*2,543.77*	
		For Stainless Steel Support Structure, Add	*5,087.54*	
23 65 14 13-0007	EA	60 Ton Induced Draft Axial Single Flow Propeller Type Cooling Tower	22,869.80	1,919.45
		For Polymer Coating Over Galvanized Components, Add	*2,999.40*	
		For Stainless Steel Support Structure, Add	*5,998.80*	
23 65 14 13-0008	EA	75 Ton Induced Draft Axial Single Flow Propeller Type Cooling Tower	26,264.20	2,176.80
		For Polymer Coating Over Galvanized Components, Add	*3,452.26*	
		For Stainless Steel Support Structure, Add	*6,904.52*	
23 65 14 13-0009	EA	100 Ton Induced Draft Axial Single Flow Propeller Type Cooling Tower	32,660.63	2,734.41
		For Polymer Coating Over Galvanized Components, Add	*4,239.62*	
		For Stainless Steel Support Structure, Add	*8,479.24*	
23 65 14 13-0010	EA	125 Ton Induced Draft Axial Single Flow Propeller Type Cooling Tower	35,597.99	3,056.11
		For Polymer Coating Over Galvanized Components, Add	*4,603.02*	
		For Stainless Steel Support Structure, Add	*9,206.03*	
23 65 14 13-0011	EA	150 Ton Induced Draft Axial Single Flow Propeller Type Cooling Tower	54,634.23	3,442.14
		For Polymer Coating Over Galvanized Components, Add	*7,365.16*	
		For Stainless Steel Support Structure, Add	*14,730.32*	
23 65 14 13-0012	EA	200 Ton Induced Draft Axial Single Flow Propeller Type Cooling Tower	66,082.56	4,299.99
		For Polymer Coating Over Galvanized Components, Add	*8,876.53*	
		For Stainless Steel Support Structure, Add	*17,753.05*	
23 65 14 13-0013	EA	300 Ton Induced Draft Axial Single Flow Propeller Type Cooling Tower	85,166.04	7,055.85
		For Polymer Coating Over Galvanized Components, Add	*11,073.14*	
		For Stainless Steel Support Structure, Add	*22,146.28*	

23 65 14 13-0014 Galvanized Induced Draft Double Flow Propeller Type Packaged Cooling Towers *(23 65 14 13)*
Note: 3 GPM/ton draft. Includes internal piping, fan, 2-speed motor, vibration switch, start-up costs and equipment rigging. Excludes motor starter, piping and power wiring. Excludes crane and associated personnel.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 65 14 13-0015	EA	100 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower	32,660.63	2,734.41
		For Polymer Coating Over Galvanized Components, Add	*4,239.62*	
		For Stainless Steel Support Structure, Add	*8,479.24*	
23 65 14 13-0016	EA	150 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower	43,555.14	3,442.14
		For Polymer Coating Over Galvanized Components, Add	*5,703.30*	
		For Stainless Steel Support Structure, Add	*11,406.60*	
23 65 14 13-0017	EA	200 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower	55,358.53	4,299.99
		For Polymer Coating Over Galvanized Components, Add	*7,267.92*	
		For Stainless Steel Support Structure, Add	*14,535.84*	
23 65 14 13-0018	EA	250 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower	65,624.10	5,383.03
		For Polymer Coating Over Galvanized Components, Add	*8,545.58*	
		For Stainless Steel Support Structure, Add	*17,091.15*	
23 65 14 13-0019	EA	300 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower	77,842.74	7,055.85
		For Polymer Coating Over Galvanized Components, Add	*9,974.64*	
		For Stainless Steel Support Structure, Add	*19,949.29*	
23 65 14 13-0020	EA	350 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower	86,748.34	7,945.86
		For Polymer Coating Over Galvanized Components, Add	*11,096.56*	
		For Stainless Steel Support Structure, Add	*22,193.12*	
23 65 14 13-0021	EA	400 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower	96,778.01	8,717.94
		For Polymer Coating Over Galvanized Components, Add	*12,416.03*	
		For Stainless Steel Support Structure, Add	*24,832.07*	
23 65 14 13-0022	EA	450 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower	109,730.21	9,661.57
		For Polymer Coating Over Galvanized Components, Add	*14,132.07*	
		For Stainless Steel Support Structure, Add	*28,264.14*	
23 65 14 13-0023	EA	500 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower	123,835.32	10,476.54
		For Polymer Coating Over Galvanized Components, Add	*16,049.99*	
		For Stainless Steel Support Structure, Add	*32,099.99*	
23 65 14 13-0024	EA	550 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower	132,703.93	11,044.86
		For Polymer Coating Over Galvanized Components, Add	*17,275.73*	
		For Stainless Steel Support Structure, Add	*34,551.47*	
23 65 14 13-0025	EA	600 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower	142,297.41	11,345.11
		For Polymer Coating Over Galvanized Components, Add	*18,610.20*	
		For Stainless Steel Support Structure, Add	*37,220.41*	
23 65 14 13-0026	EA	700 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower	161,740.50	11,731.15
		For Polymer Coating Over Galvanized Components, Add	*21,500.93*	
		For Stainless Steel Support Structure, Add	*43,001.87*	
23 65 14 13-0027	EA	800 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower	177,375.31	12,932.14
		For Polymer Coating Over Galvanized Components, Add	*23,563.06*	
		For Stainless Steel Support Structure, Add	*47,126.12*	
23 65 14 13-0028	EA	900 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower	195,969.65	14,240.37
		For Polymer Coating Over Galvanized Components, Add	*26,043.38*	
		For Stainless Steel Support Structure, Add	*52,086.77*	

23 65 14 14 Open-Circuit, Induced-Draft Crossflow Cooling Towers *(23 65 14)*

23 65 14 14-0001 Galvanized Induced Draft Crossflow Film Filled Propeller Type Cooling Towers *(23 65 14 14)*

Note: Includes fan, 2-speed motor, geared speed reducer, louvers, drift eliminators, hot water distribution system, cold water collection basin, float valve and access door, vibration switch, start-up costs and equipment rigging. Excludes motor starter, piping and power wiring. Excludes crane and associated personnel.

23 65 14 14-0002	EA	10 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	8,872.36	1,201.00
		For Polymer Coating Over Galvanized Components, Add	*1,060.63*	
		For Stainless Steel Support Structure, Add	*2,121.26*	
23 65 14 14-0003	EA	15 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	9,591.80	1,222.44
		For Polymer Coating Over Galvanized Components, Add	*1,165.33*	
		For Stainless Steel Support Structure, Add	*2,330.66*	
23 65 14 14-0004	EA	20 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	10,431.00	1,329.68
		For Polymer Coating Over Galvanized Components, Add	*1,265.47*	
		For Stainless Steel Support Structure, Add	*2,530.95*	
23 65 14 14-0005	EA	25 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	12,226.95	1,394.01
		For Polymer Coating Over Galvanized Components, Add	*1,520.39*	
		For Stainless Steel Support Structure, Add	*3,040.78*	
23 65 14 14-0006	EA	30 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	13,871.15	1,458.35
		For Polymer Coating Over Galvanized Components, Add	*1,752.54*	
		For Stainless Steel Support Structure, Add	*3,505.09*	
23 65 14 14-0007	EA	35 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	15,476.12	1,533.41
		For Polymer Coating Over Galvanized Components, Add	*1,975.60*	
		For Stainless Steel Support Structure, Add	*3,951.19*	
23 65 14 14-0008	EA	40 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	16,948.97	1,608.48
		For Polymer Coating Over Galvanized Components, Add	*2,180.44*	
		For Stainless Steel Support Structure, Add	*4,360.88*	
23 65 14 14-0009	EA	45 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	18,584.28	1,694.26
		For Polymer Coating Over Galvanized Components, Add	*2,408.04*	
		For Stainless Steel Support Structure, Add	*4,816.09*	
23 65 14 14-0010	EA	50 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	20,180.34	1,780.05
		For Polymer Coating Over Galvanized Components, Add	*2,626.54*	
		For Stainless Steel Support Structure, Add	*5,253.08*	
23 65 14 14-0011	EA	60 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	23,327.76	1,919.45
		For Polymer Coating Over Galvanized Components, Add	*3,068.09*	
		For Stainless Steel Support Structure, Add	*6,136.19*	
23 65 14 14-0012	EA	70 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	26,739.39	2,069.57
		For Polymer Coating Over Galvanized Components, Add	*3,546.06*	
		For Stainless Steel Support Structure, Add	*7,092.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 65 14 14-0013	EA	75 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	28,315.82	2,176.80
		For Polymer Coating Over Galvanized Components, Add	*3,760.01*	
		For Stainless Steel Support Structure, Add	*7,520.01*	
23 65 14 14-0014	EA	80 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	30,020.94	2,359.09
		For Polymer Coating Over Galvanized Components, Add	*3,973.95*	
		For Stainless Steel Support Structure, Add	*7,947.91*	
23 65 14 14-0015	EA	90 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	31,270.85	2,541.39
		For Polymer Coating Over Galvanized Components, Add	*4,119.62*	
		For Stainless Steel Support Structure, Add	*8,239.24*	
23 65 14 14-0016	EA	100 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	33,590.40	2,734.41
		For Polymer Coating Over Galvanized Components, Add	*4,379.09*	
		For Stainless Steel Support Structure, Add	*8,758.17*	
23 65 14 14-0017	EA	125 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	34,924.49	3,056.11
		For Polymer Coating Over Galvanized Components, Add	*4,501.99*	
		For Stainless Steel Support Structure, Add	*9,003.98*	
23 65 14 14-0018	EA	150 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	40,584.05	3,442.14
		For Polymer Coating Over Galvanized Components, Add	*5,257.64*	
		For Stainless Steel Support Structure, Add	*10,515.27*	
23 65 14 14-0019	EA	175 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	44,829.85	3,860.34
		For Polymer Coating Over Galvanized Components, Add	*5,794.78*	
		For Stainless Steel Support Structure, Add	*11,589.56*	
23 65 14 14-0020	EA	200 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	47,145.97	4,299.99
		For Polymer Coating Over Galvanized Components, Add	*6,036.04*	
		For Stainless Steel Support Structure, Add	*12,072.08*	
23 65 14 14-0021	EA	225 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	54,519.55	4,846.87
		For Polymer Coating Over Galvanized Components, Add	*7,010.18*	
		For Stainless Steel Support Structure, Add	*14,020.36*	
23 65 14 14-0022	EA	250 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	59,758.12	5,383.03
		For Polymer Coating Over Galvanized Components, Add	*7,665.68*	
		For Stainless Steel Support Structure, Add	*15,331.36*	
23 65 14 14-0023	EA	275 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	63,792.53	6,369.57
		For Polymer Coating Over Galvanized Components, Add	*8,034.39*	
		For Stainless Steel Support Structure, Add	*16,068.79*	
23 65 14 14-0024	EA	300 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	68,792.17	7,055.85
		For Polymer Coating Over Galvanized Components, Add	*8,617.06*	
		For Stainless Steel Support Structure, Add	*17,234.12*	
23 65 14 14-0025	EA	350 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	78,654.84	7,945.86
		For Polymer Coating Over Galvanized Components, Add	*9,882.53*	
		For Stainless Steel Support Structure, Add	*19,765.07*	
23 65 14 14-0026	EA	400 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	86,716.11	8,717.94
		For Polymer Coating Over Galvanized Components, Add	*10,906.75*	
		For Stainless Steel Support Structure, Add	*21,813.50*	
23 65 14 14-0027	EA	450 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	95,845.19	9,661.57
		For Polymer Coating Over Galvanized Components, Add	*12,049.32*	
		For Stainless Steel Support Structure, Add	*24,098.63*	
23 65 14 14-0028	EA	500 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	104,447.45	10,476.54
		For Polymer Coating Over Galvanized Components, Add	*13,141.81*	
		For Stainless Steel Support Structure, Add	*26,283.62*	
23 65 14 14-0029	EA	600 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	119,497.65	11,345.11
		For Polymer Coating Over Galvanized Components, Add	*15,190.24*	
		For Stainless Steel Support Structure, Add	*30,380.48*	
23 65 14 14-0030	EA	700 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	134,266.18	11,731.15
		For Polymer Coating Over Galvanized Components, Add	*17,379.78*	
		For Stainless Steel Support Structure, Add	*34,759.57*	
23 65 14 14-0031	EA	800 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	150,113.12	12,932.14
		For Polymer Coating Over Galvanized Components, Add	*19,473.73*	
		For Stainless Steel Support Structure, Add	*38,947.47*	
23 65 14 14-0032	EA	900 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	165,464.01	14,240.37
		For Polymer Coating Over Galvanized Components, Add	*21,467.54*	
		For Stainless Steel Support Structure, Add	*42,935.08*	
23 65 14 14-0033	EA	1,000 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	180,467.11	15,741.61
		For Polymer Coating Over Galvanized Components, Add	*23,365.75*	
		For Stainless Steel Support Structure, Add	*46,731.50*	
23 65 14 14-0034	EA	1,100 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	197,650.30	16,502.96
		For Polymer Coating Over Galvanized Components, Add	*25,764.69*	
		For Stainless Steel Support Structure, Add	*51,529.38*	
23 65 14 14-0035	EA	1,200 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	214,222.93	17,210.69
		For Polymer Coating Over Galvanized Components, Add	*28,081.69*	
		For Stainless Steel Support Structure, Add	*56,163.38*	
23 65 14 14-0036	EA	1,300 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	227,797.89	18,690.48
		For Polymer Coating Over Galvanized Components, Add	*29,770.50*	
		For Stainless Steel Support Structure, Add	*59,541.01*	
23 65 14 14-0037	EA	1,400 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	240,907.16	20,277.51
		For Polymer Coating Over Galvanized Components, Add	*31,363.73*	
		For Stainless Steel Support Structure, Add	*62,727.46*	
23 65 14 14-0038	EA	1,500 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	253,518.53	21,950.31
		For Polymer Coating Over Galvanized Components, Add	*32,861.36*	
		For Stainless Steel Support Structure, Add	*65,722.71*	
23 65 14 14-0039	EA	1,600 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	265,163.86	23,462.29
		For Polymer Coating Over Galvanized Components, Add	*34,254.29*	
		For Stainless Steel Support Structure, Add	*68,508.58*	
23 65 14 14-0040	EA	1,700 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	276,495.37	25,188.71
		For Polymer Coating Over Galvanized Components, Add	*35,547.08*	
		For Stainless Steel Support Structure, Add	*71,094.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 65 14 14-0041	EA	1,800 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	287,618.52	27,183.24
		For Polymer Coating Over Galvanized Components, Add	*36,744.27*	
		For Stainless Steel Support Structure, Add	*73,488.54*	
23 65 14 14-0042	EA	1,900 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	298,033.03	29,177.74
		For Polymer Coating Over Galvanized Components, Add	*37,836.77*	
		For Stainless Steel Support Structure, Add	*75,673.53*	
23 65 14 14-0043	EA	2,000 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower	308,946.88	31,901.43
		For Polymer Coating Over Galvanized Components, Add	*38,833.67*	
		For Stainless Steel Support Structure, Add	*77,667.33*	

23 65 14 14-0044 Induced Draft Crossflow Stainless Steel Propeller Type Cooling Towers *(23 65 14 14)*

Note: Excludes crane and associated personnel.

23 65 14 14-0045	EA	100 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower	90,869.83	2,734.41
		For Induced Draft Counter Flow Type, Add	*4,323.67*	
23 65 14 14-0046	EA	125 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower	103,001.86	3,034.66
		For Induced Draft Counter Flow Type, Add	*4,904.53*	
23 65 14 14-0047	EA	150 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower	112,551.83	3,442.14
		For Induced Draft Counter Flow Type, Add	*5,350.93*	
23 65 14 14-0048	EA	200 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower	125,039.17	4,299.99
		For Induced Draft Counter Flow Type, Add	*5,906.67*	
23 65 14 14-0049	EA	250 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower	141,541.84	5,383.03
		For Induced Draft Counter Flow Type, Add	*6,644.41*	
23 65 14 14-0050	EA	300 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower	162,356.54	7,055.85
		For Induced Draft Counter Flow Type, Add	*7,550.57*	
23 65 14 14-0051	EA	350 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower	176,839.74	7,945.86
		For Induced Draft Counter Flow Type, Add	*8,203.42*	
23 65 14 14-0052	EA	400 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower	191,129.93	8,717.94
		For Induced Draft Counter Flow Type, Add	*8,856.27*	
23 65 14 14-0053	EA	500 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower	220,532.15	10,476.54
		For Induced Draft Counter Flow Type, Add	*10,184.84*	
23 65 14 14-0054	EA	600 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower	249,180.73	11,345.11
		For Induced Draft Counter Flow Type, Add	*11,547.57*	
23 65 14 14-0055	EA	750 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower	308,829.45	12,331.64
		For Induced Draft Counter Flow Type, Add	*14,422.77*	
23 65 14 14-0056	EA	1,000 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower	401,043.30	15,741.61
		For Induced Draft Counter Flow Type, Add	*18,817.39*	

23 65 14 16 Closed-Circuit, Induced-Draft Counterflow Cooling Towers *(23 65 14)*

23 65 14 16-0001 Stainless Steel Packaged Propeller Type Cooling Towers *(23 65 14 16)*

Note: Including internal piping, fan, motor, vibration switch, start-up costs and equipment rigging. Excludes motor starter, piping or power wiring. Rated by cooling capacity in tons. Based on design water temperature 95 degree F in, 85 degree F out 79 degree F wet Bulb. 3 GPM/ton.

23 65 14 16-0002 Draw-Thru Stainless Steel Propeller Type Cooling Towers *(23 65 14 16-0001)*

Note: Excludes crane and associated personnel.

23 65 14 16-0003	EA	50 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower	38,101.49	1,780.05
23 65 14 16-0004	EA	75 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower	54,209.53	2,176.80
23 65 14 16-0005	EA	100 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower	63,832.20	2,734.41
23 65 14 16-0006	EA	125 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower	72,369.47	3,056.11
23 65 14 16-0007	EA	150 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower	79,375.04	3,442.14
23 65 14 16-0008	EA	200 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower	95,153.80	4,299.99
23 65 14 16-0009	EA	250 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower	111,932.65	5,383.03
23 65 14 16-0010	EA	300 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower	132,579.83	7,055.85
23 65 14 16-0011	EA	350 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower	145,107.19	7,945.86
23 65 14 16-0012	EA	400 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower	164,563.15	8,717.94
23 65 14 16-0013	EA	500 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower	190,701.11	10,476.54
23 65 14 16-0014	EA	600 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower	215,361.43	11,345.11
23 65 14 16-0015	EA	750 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower	266,587.61	12,331.64
23 65 14 16-0016	EA	1,000 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower	339,689.31	15,570.04

23 65 14 16-0017 Belt Driven Stainless Steel Propeller Type Cooling Towers *(23 65 14 16-0001)*

Note: Excludes crane and associated personnel.

23 65 14 16-0018	EA	100 Ton Belt Driven Stainless Steel Propeller Type Cooling Tower	66,507.89	2,734.41
23 65 14 16-0019	EA	125 Ton Belt Driven Stainless Steel Propeller Type Cooling Tower	71,952.95	3,056.11
23 65 14 16-0020	EA	150 Ton Belt Driven Stainless Steel Propeller Type Cooling Tower	77,509.76	3,442.14
23 65 14 16-0021	EA	200 Ton Belt Driven Stainless Steel Propeller Type Cooling Tower	91,626.96	4,299.99
23 65 14 16-0022	EA	250 Ton Belt Driven Stainless Steel Propeller Type Cooling Tower	100,890.32	5,383.03

23 65 14 16-0023 Fiberglass Packaged Draw-Thru Propeller Type Cooling Towers *(23 65 14 16)*

Note: Includes internal piping, fan, 2-speed motor, vibration switch, start-up costs and equipment rigging. Excludes motor starter, piping and power wiring. Rated by cooling capacity in tons. Based on design water temperature 95 degree F in, 85 degree F out 78 degree F wet bulb. 3 GPM/ton. Excludes crane and associated personnel.

23 65 14 16-0024	EA	5 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	4,375.15	1,115.21
23 65 14 16-0025	EA	8 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	4,605.45	1,168.83
23 65 14 16-0026	EA	10 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	5,356.44	1,201.00
23 65 14 16-0027	EA	15 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	6,057.08	1,222.44
23 65 14 16-0028	EA	20 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	7,933.87	1,329.68

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 65 14 16-0029	EA	25 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	8,391.66	1,394.01
23 65 14 16-0030	EA	30 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	9,485.28	1,458.35
23 65 14 16-0031	EA	40 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	10,938.80	1,608.48
23 65 14 16-0032	EA	50 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	12,207.72	1,780.05
23 65 14 16-0033	EA	60 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	13,683.16	1,919.45
23 65 14 16-0034	EA	70 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	15,786.98	2,069.57
23 65 14 16-0035	EA	80 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	17,184.12	2,359.09
23 65 14 16-0036	EA	100 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	20,799.05	2,734.41
23 65 14 16-0037	EA	125 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	25,720.65	3,056.11
23 65 14 16-0038	EA	150 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	28,885.97	3,442.14
23 65 14 16-0039	EA	175 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	35,085.54	3,860.34
23 65 14 16-0040	EA	200 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	39,131.45	4,299.99
23 65 14 16-0041	EA	225 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	43,247.77	4,846.87
23 65 14 16-0042	EA	250 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	47,179.97	5,383.03
23 65 14 16-0043	EA	300 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	56,504.49	7,055.85
23 65 14 16-0044	EA	350 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	64,216.85	7,945.86
23 65 14 16-0045	EA	400 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	71,374.93	8,717.94
23 65 14 16-0046	EA	500 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	86,778.21	10,262.07
23 65 14 16-0047	EA	600 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	99,154.98	11,345.11
23 65 14 16-0048	EA	700 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	105,126.89	8,717.94
23 65 14 16-0049	EA	800 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	120,231.35	12,932.14
23 65 14 16-0050	EA	1,000 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	137,464.96	10,776.78

23 65 43 Cooling Tower Basins and Accessories *(23 65)*

23 65 43 00-0001 Fiberglass Cooling Tower Remote Sump Basins *(23 65 43)*

Note: Includes one inlet sleeve. Excludes cover, excavation, backfill, concrete cut and concrete patch. Excludes crane and associated personnel.

23 65 43 00-0002	EA	30" Diameter x 30" Depth, 92 Gallon Capacity, Fiberglass Cooling Tower Sump Basin	1,303.69
		For Anti-Flotation Flanges, Add	*115.00*
		For Perforated Basins, Add	*80.00*
23 65 43 00-0003	EA	30" Diameter x 36" Depth, 110 Gallon Capacity, Fiberglass Cooling Tower Sump Basin	1,474.96
		For Anti-Flotation Flanges, Add	*115.00*
		For Perforated Basins, Add	*80.00*
23 65 43 00-0004	EA	36" Diameter x 30" Depth, 132 Gallon Capacity, Fiberglass Cooling Tower Sump Basin	1,450.45
		For Anti-Flotation Flanges, Add	*253.00*
		For Perforated Basins, Add	*80.00*
23 65 43 00-0005	EA	36" Diameter x 36" Depth, 159 Gallon Capacity, Fiberglass Cooling Tower Sump Basin	1,698.64
		For Anti-Flotation Flanges, Add	*253.00*
		For Perforated Basins, Add	*80.00*
23 65 43 00-0006	EA	42" Diameter x 30" Depth, 180 Gallon Capacity, Fiberglass Cooling Tower Sump Basin	1,840.80
		For Anti-Flotation Flanges, Add	*276.00*
		For Perforated Basins, Add	*100.00*
23 65 43 00-0007	EA	42" Diameter x 36" Depth, 216 Gallon Capacity, Fiberglass Cooling Tower Sump Basin	2,044.09
		For Anti-Flotation Flanges, Add	*276.00*
		For Perforated Basins, Add	*100.00*
23 65 43 00-0008	EA	42" Diameter x 42" Depth, 252 Gallon Capacity, Fiberglass Cooling Tower Sump Basin	2,247.38
		For Anti-Flotation Flanges, Add	*276.00*
		For Perforated Basins, Add	*100.00*
23 65 43 00-0009	EA	48" Diameter x 36" Depth, 282 Gallon Capacity, Fiberglass Cooling Tower Sump Basin	2,278.18
		For Anti-Flotation Flanges, Add	*294.00*
		For Perforated Basins, Add	*140.00*
23 65 43 00-0010	EA	48" Diameter x 42" Depth, 329 Gallon Capacity, Fiberglass Cooling Tower Sump Basin	2,519.31
		For Anti-Flotation Flanges, Add	*294.00*
		For Perforated Basins, Add	*140.00*
23 65 43 00-0011	EA	48" Diameter x 48" Depth, 376 Gallon Capacity, Fiberglass Cooling Tower Sump Basin	2,870.59
		For Anti-Flotation Flanges, Add	*294.00*
		For Perforated Basins, Add	*140.00*
23 65 43 00-0012	EA	48" Diameter x 54" Depth, 423 Gallon Capacity, Fiberglass Cooling Tower Sump Basin	3,224.77
		For Anti-Flotation Flanges, Add	*294.00*
		For Perforated Basins, Add	*140.00*
23 65 43 00-0013	EA	48" Diameter x 60" Depth, 470 Gallon Capacity, Fiberglass Cooling Tower Sump Basin	3,460.08
		For Anti-Flotation Flanges, Add	*294.00*
		For Perforated Basins, Add	*140.00*

23 70 Central HVAC Equipment *(23)*

Note: New air filters shall be provided on HVAC equipment prior to turning over to owner. Where required, mechanical equipment excludes electrical connection, disconnect, or starter unless title states otherwise. See CSI section 26 05 19 16-0010 for electrical connection and termination, 26 05 83 00-0001 for terminations, 26 28 16 16-0001 for disconnect.

23 71 Thermal Storage *(23 70)*

23 71 13 Thermal Heat Storage *(23 71)*

23 71 13 23 Pressurized-Water Thermal Storage Tanks *(23 71 13)*

23 71 13 23-0001 Nickelshield Storage Tanks *(23 71 13 23)*

23 71 13 23-0002	EA	325 Gallon Nickelshield Storage Tank	29,975.92	204.01
23 71 13 23-0003	EA	490 Gallon Nickelshield Storage Tank	41,833.16	270.49
23 71 13 23-0004	EA	605 Gallon Nickelshield Storage Tank	47,890.39	327.16
23 71 13 23-0005	EA	740 Gallon Nickelshield Storage Tank	56,699.89	408.95
23 71 13 23-0006	EA	940 Gallon Nickelshield Storage Tank	65,957.14	543.63

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 71 13 23-0007	EA	1,505 Gallon Nickelshield Storage Tank	85,203.17	818.00
23 71 13 23-0008	EA	1,615 Gallon Nickelshield Storage Tank	96,216.76	921.33
23 71 13 23-0009	EA	2,275 Gallon Nickelshield Storage Tank	132,137.40	1,223.78
23 71 13 23-0010	EA	3,815 Gallon Nickelshield Storage Tank	170,997.94	1,422.69

23 72 Air-To-Air Energy Recovery Equipment *(23 70)*

23 72 13 Heat-Wheel Air-To-Air Energy-Recovery Equipment *(23 72)*

23 72 13 00-0001 Enthalpy Recovery Wheel *(23 72 13)*

23 72 13 00-0002	EA	Up To 1,000 CFM Enthalpy Recovery Wheel	10,574.92	768.10
23 72 13 00-0003	EA	>1,000 To 2,000 CFM Enthalpy Recovery Wheel	11,734.27	921.95
23 72 13 00-0004	EA	>2,000 To 4,000 CFM Enthalpy Recovery Wheel	14,683.48	1,152.44
23 72 13 00-0005	EA	>4,000 To 6,000 CFM Enthalpy Recovery Wheel	17,173.49	1,316.66
23 72 13 00-0006	EA	>6,000 To 8,000 CFM Enthalpy Recovery Wheel	19,007.78	1,382.93
23 72 13 00-0007	EA	>8,000 To 10,000 CFM Enthalpy Recovery Wheel	23,113.08	1,536.77
23 72 13 00-0008	EA	>10,000 To 15,000 CFM Enthalpy Recovery Wheel	30,734.31	1,613.41
23 72 13 00-0009	EA	>15,000 To 20,000 CFM Enthalpy Recovery Wheel	38,302.16	1,728.66
23 72 13 00-0010	EA	>20,000 To 25,000 CFM Enthalpy Recovery Wheel	46,393.03	1,975.28
23 72 13 00-0011	EA	>25,000 To 30,000 CFM Enthalpy Recovery Wheel	51,966.95	2,535.36
23 72 13 00-0012	EA	>30,000 To 40,000 CFM Enthalpy Recovery Wheel	69,685.55	2,881.09
23 72 13 00-0013	EA	>40,000 To 50,000 CFM Enthalpy Recovery Wheel	82,883.59	3,457.31

23 72 16 Heat-Pipe Air-To-Air Energy-Recovery Equipment *(23 72)*

23 72 16 00-0001 Glycol Heat Pipe Type, 50 Percent Efficient *(23 72 16)*

23 72 16 00-0002	EA	100 MBH, 1,700 CFM Glycol Heat Recovery Unit	19,125.96	576.21
23 72 16 00-0003	EA	160 MBH, 2,700 CFM Glycol Heat Recovery Unit	30,082.75	768.33
23 72 16 00-0004	EA	620 MBH, 4,000 CFM Glycol Heat Recovery Unit	44,595.50	1,152.44

23 73 Indoor Central-Station Air-Handling Units *(23 70)*

23 73 13 Modular Indoor Central-Station Air-Handling Units *(23 73)*

Note: Sized by CFM. Includes motor drive vibration isolators. Use modifiers for Filters and heating and cooling coils. Includes double wall insulated casing, fan section, fan motor, internal dampers, starter, vibration isolators and equipment rigging. Variable speed drives are included on units with 10 HP or greater fans. Modifiers include cooling coil sections with 6 row aluminum fin coil and drain pan, heating coil section with 1 row aluminum fin coil, and filter section with replaceable filters.

23 73 13 00-0001 Single Zone Units *(23 73 13)*

Note: Horizontal/vertical draw-thru fan, motor and cabinet.

23 73 13 00-0002	EA	300 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	2,748.27	608.08
		For Flat Filter Box And Throwaway Filters, Add	*231.39*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*436.72*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*650.74*	
		For Manual Roll Filter, Add	*1,120.64*	
		For Automatic Roll Filter, Add	*1,214.62*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*556.76*	
		For Electric Heating Coil, Add	*932.68*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*932.68*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*838.70*	
		For Steam Heating Coil, Aluminum Fins, Add	*744.72*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*607.31*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*1,120.64*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*1,026.66*	
		For Hot Water Heating Coil, Copper Fins, Add	*744.72*	
		For Variable Air Volume, Add	*263.14*	
		For Economizer, Panel, Controls And Damper(s), Add	*1,248.08*	
		For 2 Coils, Independent Circuits, Add	*312.42*	
23 73 13 00-0003	EA	500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	4,367.01	729.70
		For Flat Filter Box And Throwaway Filters, Add	*384.62*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*737.99*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*1,101.78*	
		For Manual Roll Filter, Add	*1,933.14*	
		For Automatic Roll Filter, Add	*2,099.41*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*935.51*	
		For Electric Heating Coil, Add	*1,600.59*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*1,600.59*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*1,434.32*	
		For Steam Heating Coil, Aluminum Fins, Add	*1,268.05*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*1,049.70*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*1,933.14*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*1,766.87*	
		For Hot Water Heating Coil, Copper Fins, Add	*1,268.05*	
		For Variable Air Volume, Add	*465.56*	
		For Economizer, Panel, Controls And Damper(s), Add	*1,369.12*	
		For 2 Coils, Independent Circuits, Add	*503.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0004	EA	800 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	4,941.13	783.67
		For Flat Filter Box And Throwaway Filters, Add	*438.14*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*842.70*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*1,258.45*	
		For Manual Roll Filter, Add	*2,213.87*	
		For Automatic Roll Filter, Add	*2,404.95*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*1,067.37*	
		For Electric Heating Coil, Add	*1,831.70*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*1,831.70*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*1,640.62*	
		For Steam Heating Coil, Aluminum Fins, Add	*1,449.53*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*1,202.48*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*2,213.87*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*2,022.79*	
		For Hot Water Heating Coil, Copper Fins, Add	*1,449.53*	
		For Variable Air Volume, Add	*535.04*	
		For Economizer, Panel, Controls And Damper(s), Add	*1,423.62*	
		For 2 Coils, Independent Circuits, Add	*570.55*	
23 73 13 00-0005	EA	1,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	5,579.74	842.09
		For Flat Filter Box And Throwaway Filters, Add	*497.82*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*959.54*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*1,433.29*	
		For Manual Roll Filter, Add	*2,527.43*	
		For Automatic Roll Filter, Add	*2,746.26*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*1,214.46*	
		For Electric Heating Coil, Add	*2,089.77*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*2,089.77*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*1,870.95*	
		For Steam Heating Coil, Aluminum Fins, Add	*1,652.12*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*1,373.13*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*2,527.43*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*2,308.60*	
		For Hot Water Heating Coil, Copper Fins, Add	*1,652.12*	
		For Variable Air Volume, Add	*612.72*	
		For Economizer, Panel, Controls And Damper(s), Add	*1,482.22*	
		For 2 Coils, Independent Circuits, Add	*645.51*	
23 73 13 00-0006	EA	1,200 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	6,333.57	905.94
		For Flat Filter Box And Throwaway Filters, Add	*568.72*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*1,098.66*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*1,641.53*	
		For Manual Roll Filter, Add	*2,901.75*	
		For Automatic Roll Filter, Add	*3,153.79*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*1,389.49*	
		For Electric Heating Coil, Add	*2,397.66*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*2,397.66*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*2,145.62*	
		For Steam Heating Coil, Aluminum Fins, Add	*1,893.57*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*1,576.90*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*2,901.75*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*2,649.71*	
		For Hot Water Heating Coil, Copper Fins, Add	*1,893.57*	
		For Variable Air Volume, Add	*705.72*	
		For Economizer, Panel, Controls And Damper(s), Add	*1,544.89*	
		For 2 Coils, Independent Circuits, Add	*734.17*	
23 73 13 00-0007	EA	1,400 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	7,213.20	973.58
		For Flat Filter Box And Throwaway Filters, Add	*651.78*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*1,261.84*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*1,885.80*	
		For Manual Roll Filter, Add	*3,341.40*	
		For Automatic Roll Filter, Add	*3,632.52*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*1,594.68*	
		For Electric Heating Coil, Add	*2,759.16*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*2,759.16*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*2,468.04*	
		For Steam Heating Coil, Aluminum Fins, Add	*2,176.92*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*1,816.26*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*3,341.40*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*3,050.28*	
		For Hot Water Heating Coil, Copper Fins, Add	*2,176.92*	
		For Variable Air Volume, Add	*815.14*	
		For Economizer, Panel, Controls And Damper(s), Add	*1,613.56*	
		For 2 Coils, Independent Circuits, Add	*837.77*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0008	EA	1,600 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	7,900.64	1,046.67
		For Flat Filter Box And Throwaway Filters, Add	*715.46*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*1,386.16*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*2,071.77*	
		For Manual Roll Filter, Add	*3,673.91*	
		For Automatic Roll Filter, Add	*3,994.34*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*1,751.35*	
		For Electric Heating Coil, Add	*3,033.06*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*3,033.06*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*2,712.63*	
		For Steam Heating Coil, Aluminum Fins, Add	*2,392.20*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*1,997.17*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*3,673.91*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*3,353.48*	
		For Hot Water Heating Coil, Copper Fins, Add	*2,392.20*	
		For Variable Air Volume, Add	*897.20*	
		For Economizer, Panel, Controls And Damper(s), Add	*1,684.46*	
		For 2 Coils, Independent Circuits, Add	*918.24*	
23 73 13 00-0009	EA	1,800 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	8,644.85	1,128.00
		For Flat Filter Box And Throwaway Filters, Add	*783.93*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*1,519.53*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*2,271.24*	
		For Manual Roll Filter, Add	*4,029.68*	
		For Automatic Roll Filter, Add	*4,381.37*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*1,919.55*	
		For Electric Heating Coil, Add	*3,326.30*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*3,326.30*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*2,974.62*	
		For Steam Heating Coil, Aluminum Fins, Add	*2,622.93*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*2,190.69*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*4,029.68*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*3,677.99*	
		For Hot Water Heating Coil, Copper Fins, Add	*2,622.93*	
		For Variable Air Volume, Add	*984.73*	
		For Economizer, Panel, Controls And Damper(s), Add	*1,636.09*	
		For 2 Coils, Independent Circuits, Add	*1,005.16*	
23 73 13 00-0010	EA	2,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	9,464.87	1,209.34
		For Flat Filter Box And Throwaway Filters, Add	*860.10*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*1,668.37*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*2,493.92*	
		For Manual Roll Filter, Add	*4,428.20*	
		For Automatic Roll Filter, Add	*4,815.06*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*2,107.06*	
		For Electric Heating Coil, Add	*3,654.49*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*3,654.49*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*3,267.63*	
		For Steam Heating Coil, Aluminum Fins, Add	*2,880.77*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*2,407.53*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*4,428.20*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*4,041.35*	
		For Hot Water Heating Coil, Copper Fins, Add	*2,880.77*	
		For Variable Air Volume, Add	*1,083.20*	
		For Economizer, Panel, Controls And Damper(s), Add	*1,700.25*	
		For 2 Coils, Independent Circuits, Add	*1,101.23*	
23 73 13 00-0011	EA	2,250 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	10,219.34	1,299.89
		For Flat Filter Box And Throwaway Filters, Add	*929.09*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*1,802.46*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*2,694.41*	
		For Manual Roll Filter, Add	*4,785.00*	
		For Automatic Roll Filter, Add	*5,203.12*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*2,276.29*	
		For Electric Heating Coil, Add	*3,948.76*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*3,948.76*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*3,530.65*	
		For Steam Heating Coil, Aluminum Fins, Add	*3,112.53*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*2,601.56*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*4,785.00*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*4,366.88*	
		For Hot Water Heating Coil, Copper Fins, Add	*3,112.53*	
		For Variable Air Volume, Add	*1,170.73*	
		For Economizer, Panel, Controls And Damper(s), Add	*1,771.33*	
		For 2 Coils, Independent Circuits, Add	*1,189.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0012	EA	2,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	11,024.59	1,398.70
		For Flat Filter Box And Throwaway Filters, Add	*1,002.56*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*1,945.19*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*2,907.79*	
		For Manual Roll Filter, Add	*5,164.46*	
		For Automatic Roll Filter, Add	*5,615.79*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*2,456.46*	
		For Electric Heating Coil, Add	*4,261.79*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*4,261.79*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*3,810.46*	
		For Steam Heating Coil, Aluminum Fins, Add	*3,359.13*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*2,807.90*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*5,164.46*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*4,713.13*	
		For Hot Water Heating Coil, Copper Fins, Add	*3,359.13*	
		For Variable Air Volume, Add	*1,263.73*	
		For Economizer, Panel, Controls And Damper(s), Add	*1,848.86*	
		For 2 Coils, Independent Circuits, Add	*1,282.99*	
23 73 13 00-0013	EA	3,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	12,824.39	1,619.03
		For Flat Filter Box And Throwaway Filters, Add	*1,166.80*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*2,264.21*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*3,384.76*	
		For Manual Roll Filter, Add	*6,012.65*	
		For Automatic Roll Filter, Add	*6,538.23*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*2,859.18*	
		For Electric Heating Coil, Add	*4,961.49*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*4,961.49*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*4,435.91*	
		For Steam Heating Coil, Aluminum Fins, Add	*3,910.33*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*3,269.11*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*6,012.65*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*5,487.07*	
		For Hot Water Heating Coil, Copper Fins, Add	*3,910.33*	
		For Variable Air Volume, Add	*1,471.62*	
		For Economizer, Panel, Controls And Damper(s), Add	*2,022.05*	
		For 2 Coils, Independent Circuits, Add	*1,492.67*	
23 73 13 00-0014	EA	3,250 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	13,427.67	1,739.89
		For Flat Filter Box And Throwaway Filters, Add	*1,218.45*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*2,362.32*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*3,531.05*	
		For Manual Roll Filter, Add	*6,266.41*	
		For Automatic Roll Filter, Add	*6,813.48*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*2,983.98*	
		For Electric Heating Coil, Add	*5,172.26*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*5,172.26*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*4,625.19*	
		For Steam Heating Coil, Aluminum Fins, Add	*4,078.12*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*3,406.74*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*6,266.41*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*5,719.34*	
		For Hot Water Heating Coil, Copper Fins, Add	*4,078.12*	
		For Variable Air Volume, Add	*1,531.80*	
		For Economizer, Panel, Controls And Damper(s), Add	*2,117.44*	
		For 2 Coils, Independent Circuits, Add	*1,561.60*	
23 73 13 00-0015	EA	3,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	14,042.53	1,869.86
		For Flat Filter Box And Throwaway Filters, Add	*1,270.69*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*2,461.24*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*3,678.51*	
		For Manual Roll Filter, Add	*6,521.32*	
		For Automatic Roll Filter, Add	*7,089.88*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*3,109.94*	
		For Electric Heating Coil, Add	*5,384.19*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*5,384.19*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*4,815.63*	
		For Steam Heating Coil, Aluminum Fins, Add	*4,247.07*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*3,544.94*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*6,521.32*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*5,952.76*	
		For Hot Water Heating Coil, Copper Fins, Add	*4,247.07*	
		For Variable Air Volume, Add	*1,591.98*	
		For Economizer, Panel, Controls And Damper(s), Add	*2,219.20*	
		For 2 Coils, Independent Circuits, Add	*1,631.68*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0016	EA	4,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	15,393.96	2,158.71
		For Flat Filter Box And Throwaway Filters, Add	*1,385.15*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*2,677.76*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*4,001.22*	
		For Manual Roll Filter, Add	*7,078.49*	
		For Automatic Roll Filter, Add	*7,693.95*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*3,385.76*	
		For Electric Heating Coil, Add	*5,847.58*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*5,847.58*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*5,232.13*	
		For Steam Heating Coil, Aluminum Fins, Add	*4,616.67*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*3,846.97*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*7,078.49*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*6,463.04*	
		For Hot Water Heating Coil, Copper Fins, Add	*4,616.67*	
		For Variable Air Volume, Add	*1,723.27*	
		For Economizer, Panel, Controls And Damper(s), Add	*2,173.94*	
		For 2 Coils, Independent Circuits, Add	*1,785.58*	
23 73 13 00-0017	EA	4,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	15,393.96	2,158.71
		For Flat Filter Box And Throwaway Filters, Add	*1,385.15*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*2,677.76*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*4,001.22*	
		For Manual Roll Filter, Add	*7,078.49*	
		For Automatic Roll Filter, Add	*7,693.95*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*3,385.76*	
		For Electric Heating Coil, Add	*5,847.58*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*5,847.58*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*5,232.13*	
		For Steam Heating Coil, Aluminum Fins, Add	*4,616.67*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*3,846.97*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*7,078.49*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*6,463.04*	
		For Hot Water Heating Coil, Copper Fins, Add	*4,616.67*	
		For Variable Air Volume, Add	*1,723.27*	
		For Economizer, Panel, Controls And Damper(s), Add	*2,173.94*	
		For 2 Coils, Independent Circuits, Add	*1,785.58*	
23 73 13 00-0018	EA	5,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	16,867.90	2,479.47
		For Flat Filter Box And Throwaway Filters, Add	*1,509.65*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*2,913.01*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*4,351.81*	
		For Manual Roll Filter, Add	*7,683.08*	
		For Automatic Roll Filter, Add	*8,349.34*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*3,685.55*	
		For Electric Heating Coil, Add	*6,350.57*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*6,350.57*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*5,684.32*	
		For Steam Heating Coil, Aluminum Fins, Add	*5,018.06*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*4,174.67*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*7,683.08*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*7,016.83*	
		For Hot Water Heating Coil, Copper Fins, Add	*5,018.06*	
		For Variable Air Volume, Add	*1,865.51*	
		For Economizer, Panel, Controls And Damper(s), Add	*2,357.12*	
		For 2 Coils, Independent Circuits, Add	*1,953.29*	
23 73 13 00-0019	EA	5,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	17,715.94	2,690.03
		For Flat Filter Box And Throwaway Filters, Add	*1,579.41*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*3,043.50*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*4,546.03*	
		For Manual Roll Filter, Add	*8,014.07*	
		For Automatic Roll Filter, Add	*8,707.67*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*3,852.42*	
		For Electric Heating Coil, Add	*6,626.85*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*6,626.85*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*5,933.24*	
		For Steam Heating Coil, Aluminum Fins, Add	*5,239.63*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*4,353.84*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*8,014.07*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*7,320.46*	
		For Hot Water Heating Coil, Copper Fins, Add	*5,239.63*	
		For Variable Air Volume, Add	*1,942.10*	
		For Economizer, Panel, Controls And Damper(s), Add	*2,477.51*	
		For 2 Coils, Independent Circuits, Add	*2,049.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0020	EA	6,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	18,548.01	2,889.93
		For Flat Filter Box And Throwaway Filters, Add	*1,648.36*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*3,172.86*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*4,738.65*	
		For Manual Roll Filter, Add	*8,343.45*	
		For Automatic Roll Filter, Add	*9,064.42*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*4,017.69*	
		For Electric Heating Coil, Add	*6,901.53*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*6,901.53*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*6,180.57*	
		For Steam Heating Coil, Aluminum Fins, Add	*5,459.61*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*4,532.21*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*8,343.45*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*7,622.49*	
		For Hot Water Heating Coil, Copper Fins, Add	*5,459.61*	
		For Variable Air Volume, Add	*2,018.69*	
		For Economizer, Panel, Controls And Damper(s), Add	*2,591.51*	
		For 2 Coils, Independent Circuits, Add	*2,143.19*	
23 73 13 00-0021	EA	6,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	19,384.89	3,093.64
		For Flat Filter Box And Throwaway Filters, Add	*1,717.56*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*3,302.56*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*4,931.75*	
		For Manual Roll Filter, Add	*8,673.32*	
		For Automatic Roll Filter, Add	*9,421.64*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*4,183.43*	
		For Electric Heating Coil, Add	*7,176.69*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*7,176.69*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*6,428.38*	
		For Steam Heating Coil, Aluminum Fins, Add	*5,680.06*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*4,710.82*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*8,673.32*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*7,925.01*	
		For Hot Water Heating Coil, Copper Fins, Add	*5,680.06*	
		For Variable Air Volume, Add	*2,095.28*	
		For Economizer, Panel, Controls And Damper(s), Add	*2,707.44*	
		For 2 Coils, Independent Circuits, Add	*2,237.82*	
23 73 13 00-0022	EA	7,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	20,348.90	3,330.03
		For Flat Filter Box And Throwaway Filters, Add	*1,797.02*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*3,451.32*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*5,153.20*	
		For Manual Roll Filter, Add	*9,051.08*	
		For Automatic Roll Filter, Add	*9,830.66*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*4,373.62*	
		For Electric Heating Coil, Add	*7,491.93*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*7,491.93*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*6,712.35*	
		For Steam Heating Coil, Aluminum Fins, Add	*5,932.77*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*4,915.33*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*9,051.08*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*8,271.50*	
		For Hot Water Heating Coil, Copper Fins, Add	*5,932.77*	
		For Variable Air Volume, Add	*2,182.81*	
		For Economizer, Panel, Controls And Damper(s), Add	*2,842.95*	
		For 2 Coils, Independent Circuits, Add	*2,346.72*	
23 73 13 00-0023	EA	7,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	21,326.72	3,567.95
		For Flat Filter Box And Throwaway Filters, Add	*1,877.17*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*3,601.05*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*5,376.02*	
		For Manual Roll Filter, Add	*9,430.21*	
		For Automatic Roll Filter, Add	*10,241.05*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*4,565.18*	
		For Electric Heating Coil, Add	*7,808.53*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*7,808.53*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*6,997.70*	
		For Steam Heating Coil, Aluminum Fins, Add	*6,186.86*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*5,120.52*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*9,430.21*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*8,619.37*	
		For Hot Water Heating Coil, Copper Fins, Add	*6,186.86*	
		For Variable Air Volume, Add	*2,270.35*	
		For Economizer, Panel, Controls And Damper(s), Add	*2,712.99*	
		For 2 Coils, Independent Circuits, Add	*2,457.01*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0024	EA	8,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	22,333.09	3,842.24
		For Flat Filter Box And Throwaway Filters, Add	*1,958.75*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*3,752.77*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*5,601.71*	
		For Manual Roll Filter, Add	*9,812.20*	
		For Automatic Roll Filter, Add	*10,654.30*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*4,759.61*	
		For Electric Heating Coil, Add	*8,128.00*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*8,128.00*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*7,285.90*	
		For Steam Heating Coil, Aluminum Fins, Add	*6,443.80*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*5,327.15*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*9,812.20*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*8,970.10*	
		For Hot Water Heating Coil, Copper Fins, Add	*6,443.80*	
		For Variable Air Volume, Add	*2,357.88*	
		For Economizer, Panel, Controls And Damper(s), Add	*2,827.33*	
		For 2 Coils, Independent Circuits, Add	*2,570.15*	
23 73 13 00-0025	EA	9,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	23,479.05	4,162.35
		For Flat Filter Box And Throwaway Filters, Add	*2,051.22*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*3,924.43*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*5,856.98*	
		For Manual Roll Filter, Add	*10,243.31*	
		For Automatic Roll Filter, Add	*11,120.58*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*4,979.71*	
		For Electric Heating Coil, Add	*8,488.78*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*8,488.78*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*7,611.51*	
		For Steam Heating Coil, Aluminum Fins, Add	*6,734.24*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*5,560.29*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*10,243.31*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*9,366.05*	
		For Hot Water Heating Coil, Copper Fins, Add	*6,734.24*	
		For Variable Air Volume, Add	*2,456.35*	
		For Economizer, Panel, Controls And Damper(s), Add	*2,960.11*	
		For 2 Coils, Independent Circuits, Add	*2,698.81*	
23 73 13 00-0026	EA	10,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	24,598.84	4,444.03
		For Flat Filter Box And Throwaway Filters, Add	*2,142.38*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*4,094.25*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*6,109.63*	
		For Manual Roll Filter, Add	*10,671.81*	
		For Automatic Roll Filter, Add	*11,584.25*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*5,197.19*	
		For Electric Heating Coil, Add	*8,846.94*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*8,846.94*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*7,934.50*	
		For Steam Heating Coil, Aluminum Fins, Add	*7,022.07*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*5,792.12*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*10,671.81*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*9,759.38*	
		For Hot Water Heating Coil, Copper Fins, Add	*7,022.07*	
		For Variable Air Volume, Add	*2,554.82*	
		For Economizer, Panel, Controls And Damper(s), Add	*3,085.03*	
		For 2 Coils, Independent Circuits, Add	*2,824.86*	
23 73 13 00-0027	EA	11,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	24,726.62	4,302.97
		For Flat Filter Box And Throwaway Filters, Add	*2,166.35*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*4,148.92*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*6,192.75*	
		For Manual Roll Filter, Add	*10,842.85*	
		For Automatic Roll Filter, Add	*11,772.87*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*5,262.73*	
		For Electric Heating Coil, Add	*8,982.81*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*8,982.81*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*8,052.79*	
		For Steam Heating Coil, Aluminum Fins, Add	*7,122.77*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*5,886.44*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*10,842.85*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*9,912.83*	
		For Hot Water Heating Coil, Copper Fins, Add	*7,122.77*	
		For Variable Air Volume, Add	*2,604.06*	
		For Economizer, Panel, Controls And Damper(s), Add	*3,017.86*	
		For 2 Coils, Independent Circuits, Add	*2,844.67*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0028	EA	12,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	25,770.75	4,774.02
		For Flat Filter Box And Throwaway Filters, Add	*2,236.14*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*4,267.73*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*6,367.50*	
		For Manual Roll Filter, Add	*11,105.52*	
		For Automatic Roll Filter, Add	*12,053.13*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*5,419.89*	
		For Electric Heating Coil, Add	*9,210.31*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*9,210.31*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*8,262.71*	
		For Steam Heating Coil, Aluminum Fins, Add	*7,315.10*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*6,026.57*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*11,105.52*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*10,157.92*	
		For Hot Water Heating Coil, Copper Fins, Add	*7,315.10*	
		For Variable Air Volume, Add	*2,653.30*	
		For Economizer, Panel, Controls And Damper(s), Add	*3,225.59*	
		For 2 Coils, Independent Circuits, Add	*2,956.12*	
23 73 13 00-0029	EA	13,700 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	27,147.88	4,965.78
		For Flat Filter Box And Throwaway Filters, Add	*2,361.66*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*4,511.44*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*6,731.85*	
		For Manual Roll Filter, Add	*11,753.19*	
		For Automatic Roll Filter, Add	*12,757.45*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*5,727.59*	
		For Electric Heating Coil, Add	*9,744.65*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*9,744.65*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*8,740.39*	
		For Steam Heating Coil, Aluminum Fins, Add	*7,736.12*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*6,378.73*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*11,753.19*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*10,748.92*	
		For Hot Water Heating Coil, Copper Fins, Add	*7,736.12*	
		For Variable Air Volume, Add	*2,811.95*	
		For Economizer, Panel, Controls And Damper(s), Add	*2,812.51*	
		For 2 Coils, Independent Circuits, Add	*3,116.49*	
23 73 13 00-0030	EA	15,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	28,592.87	5,158.09
		For Flat Filter Box And Throwaway Filters, Add	*2,490.57*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*4,759.91*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*7,103.00*	
		For Manual Roll Filter, Add	*12,407.63*	
		For Automatic Roll Filter, Add	*13,468.56*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*6,042.07*	
		For Electric Heating Coil, Add	*10,285.78*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*10,285.78*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*9,224.85*	
		For Steam Heating Coil, Aluminum Fins, Add	*8,163.92*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*6,734.28*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*12,407.63*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*11,346.71*	
		For Hot Water Heating Coil, Copper Fins, Add	*8,163.92*	
		For Variable Air Volume, Add	*2,970.60*	
		For Economizer, Panel, Controls And Damper(s), Add	*2,874.86*	
		For 2 Coils, Independent Circuits, Add	*3,283.66*	
23 73 13 00-0031	EA	16,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	30,131.17	5,356.48
		For Flat Filter Box And Throwaway Filters, Add	*2,631.96*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*5,035.23*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*7,514.73*	
		For Manual Roll Filter, Add	*13,141.75*	
		For Automatic Roll Filter, Add	*14,267.15*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*6,389.33*	
		For Electric Heating Coil, Add	*10,890.94*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*10,890.94*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*9,765.54*	
		For Steam Heating Coil, Aluminum Fins, Add	*8,640.13*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*7,133.58*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*13,141.75*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*12,016.35*	
		For Hot Water Heating Coil, Copper Fins, Add	*8,640.13*	
		For Variable Air Volume, Add	*3,151.13*	
		For Economizer, Panel, Controls And Damper(s), Add	*2,924.62*	
		For 2 Coils, Independent Circuits, Add	*3,463.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0032	EA	17,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	31,730.07	5,555.09
		For Flat Filter Box And Throwaway Filters, Add	*2,776.38*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*5,314.79*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*7,932.53*	
		For Manual Roll Filter, Add	*13,881.93*	
		For Automatic Roll Filter, Add	*15,071.81*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*6,742.65*	
		For Electric Heating Coil, Add	*11,502.17*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*11,502.17*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*10,312.29*	
		For Steam Heating Coil, Aluminum Fins, Add	*9,122.41*	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*7,535.90*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*13,881.93*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*12,692.05*	
		For Hot Water Heating Coil, Copper Fins, Add	*9,122.41*	
		For Variable Air Volume, Add	*3,331.66*	
		For Economizer, Panel, Controls And Damper(s), Add	*2,986.49*	
		For 2 Coils, Independent Circuits, Add	*3,648.96*	
23 73 13 00-0033	EA	20,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	35,397.55	5,955.45
		For Flat Filter Box And Throwaway Filters, Add	*3,114.11*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*5,972.83*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*10,260.92*	
		For Manual Roll Filter, Add	*14,831.30*	
		For Automatic Roll Filter, Add	*15,637.84*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*6,228.22*	
		For Electric Heating Coil, Add	*6,765.91*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*11,605.15*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*10,260.92*	
		For Steam Heating Coil, Aluminum Fins, Add	*8,916.68*	
		For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	*7,146.81*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*14,293.61*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*12,949.38*	
		For Hot Water Heating Coil, Copper Fins, Add	*10,260.92*	
		For Variable Air Volume, Add	*3,763.85*	
		For Economizer, Panel, Controls And Damper(s), Add	*3,224.76*	
		For 2 Coils, Independent Circuits, Add	*4,077.45*	
23 73 13 00-0034	EA	22,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	39,291.19	6,418.35
		For Flat Filter Box And Throwaway Filters, Add	*3,469.01*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*6,661.94*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*11,451.35*	
		For Manual Roll Filter, Add	*16,566.46*	
		For Automatic Roll Filter, Add	*17,469.13*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*6,938.01*	
		For Electric Heating Coil, Add	*7,539.79*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*12,955.79*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*11,451.35*	
		For Steam Heating Coil, Aluminum Fins, Add	*9,946.90*	
		For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	*7,982.34*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*15,964.68*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*14,460.24*	
		For Hot Water Heating Coil, Copper Fins, Add	*11,451.35*	
		For Variable Air Volume, Add	*4,212.45*	
		For Economizer, Panel, Controls And Damper(s), Add	*3,345.40*	
		For 2 Coils, Independent Circuits, Add	*4,530.90*	
23 73 13 00-0035	EA	25,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	43,554.84	6,877.13
		For Flat Filter Box And Throwaway Filters, Add	*3,863.89*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*7,432.83*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*12,786.24*	
		For Manual Roll Filter, Add	*18,519.16*	
		For Automatic Roll Filter, Add	*19,530.85*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*7,727.79*	
		For Electric Heating Coil, Add	*8,402.25*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*14,472.39*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*12,786.24*	
		For Steam Heating Coil, Aluminum Fins, Add	*11,100.09*	
		For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	*8,922.35*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*17,844.70*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*16,158.54*	
		For Hot Water Heating Coil, Copper Fins, Add	*12,786.24*	
		For Variable Air Volume, Add	*4,721.22*	
		For Economizer, Panel, Controls And Damper(s), Add	*3,455.57*	
		For 2 Coils, Independent Circuits, Add	*5,029.94*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0036	EA	27,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	53,717.11	7,406.49
		For Flat Filter Box And Throwaway Filters, Add	*4,842.88*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*9,368.46*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*16,156.83*	
		For Manual Roll Filter, Add	*23,490.71*	
		For Automatic Roll Filter, Add	*24,784.92*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*9,685.76*	
		For Electric Heating Coil, Add	*10,548.57*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*18,313.85*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*16,156.83*	
		For Steam Heating Coil, Aluminum Fins, Add	*13,999.81*	
		For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	*11,313.95*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*22,627.90*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*20,470.88*	
		For Hot Water Heating Coil, Copper Fins, Add	*16,156.83*	
		For Variable Air Volume, Add	*6,039.67*	
		For Economizer, Panel, Controls And Damper(s), Add	*3,585.91*	
		For 2 Coils, Independent Circuits, Add	*6,234.52*	
23 73 13 00-0037	EA	30,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	60,052.48	7,905.34
		For Flat Filter Box And Throwaway Filters, Add	*5,441.00*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*10,543.45*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*18,197.12*	
		For Manual Roll Filter, Add	*26,487.59*	
		For Automatic Roll Filter, Add	*27,950.62*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*10,882.00*	
		For Electric Heating Coil, Add	*11,857.35*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*20,635.50*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*18,197.12*	
		For Steam Heating Coil, Aluminum Fins, Add	*15,758.75*	
		For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	*12,756.12*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*25,512.24*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*23,073.87*	
		For Hot Water Heating Coil, Copper Fins, Add	*18,197.12*	
		For Variable Air Volume, Add	*6,827.45*	
		For Economizer, Panel, Controls And Damper(s), Add	*3,457.75*	
		For 2 Coils, Independent Circuits, Add	*6,980.60*	
23 73 13 00-0038	EA	32,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	65,807.26	8,512.89
		For Flat Filter Box And Throwaway Filters, Add	*5,972.97*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*11,581.27*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*19,993.74*	
		For Manual Roll Filter, Add	*29,114.59*	
		For Automatic Roll Filter, Add	*30,724.15*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*11,945.93*	
		For Electric Heating Coil, Add	*13,018.97*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*22,676.34*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*19,993.74*	
		For Steam Heating Coil, Aluminum Fins, Add	*17,311.14*	
		For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	*14,020.77*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*28,041.55*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*25,358.94*	
		For Hot Water Heating Coil, Copper Fins, Add	*19,993.74*	
		For Variable Air Volume, Add	*7,511.29*	
		For Economizer, Panel, Controls And Damper(s), Add	*3,588.28*	
		For 2 Coils, Independent Circuits, Add	*7,653.77*	
23 73 13 00-0039	EA	35,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	72,212.07	9,937.22
		For Flat Filter Box And Throwaway Filters, Add	*6,560.88*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*12,725.56*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*21,972.59*	
		For Manual Roll Filter, Add	*32,003.53*	
		For Automatic Roll Filter, Add	*33,773.70*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*13,121.76*	
		For Electric Heating Coil, Add	*14,301.87*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*24,922.87*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*21,972.59*	
		For Steam Heating Coil, Aluminum Fins, Add	*19,022.31*	
		For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	*15,411.71*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*30,823.42*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*27,873.14*	
		For Hot Water Heating Coil, Copper Fins, Add	*21,972.59*	
		For Variable Air Volume, Add	*8,260.77*	
		For Economizer, Panel, Controls And Damper(s), Add	*3,745.98*	
		For 2 Coils, Independent Circuits, Add	*8,401.32*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0040	EA	37,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	77,734.98	9,805.50
		For Flat Filter Box And Throwaway Filters, Add	*7,073.44*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*13,726.84*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*23,706.95*	
		For Manual Roll Filter, Add	*34,541.69*	
		For Automatic Roll Filter, Add	*36,453.70*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*14,146.88*	
		For Electric Heating Coil, Add	*15,421.55*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*26,893.64*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*23,706.95*	
		For Steam Heating Coil, Aluminum Fins, Add	*20,520.26*	
		For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	*16,633.51*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*33,267.01*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*30,080.32*	
		For Hot Water Heating Coil, Copper Fins, Add	*23,706.95*	
		For Variable Air Volume, Add	*8,922.73*	
		For Economizer, Panel, Controls And Damper(s), Add	*3,865.18*	
		For 2 Coils, Independent Circuits, Add	*9,048.17*	
23 73 13 00-0041	EA	40,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	83,848.89	10,489.49
		For Flat Filter Box And Throwaway Filters, Add	*7,633.13*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*14,815.21*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*25,588.32*	
		For Manual Roll Filter, Add	*37,286.66*	
		For Automatic Roll Filter, Add	*39,351.07*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*15,266.26*	
		For Electric Heating Coil, Add	*16,642.54*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*29,029.01*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*25,588.32*	
		For Steam Heating Coil, Aluminum Fins, Add	*22,147.64*	
		For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	*17,955.19*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*35,910.39*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*32,469.70*	
		For Hot Water Heating Coil, Copper Fins, Add	*25,588.32*	
		For Variable Air Volume, Add	*9,633.92*	
		For Economizer, Panel, Controls And Damper(s), Add	*3,709.39*	
		For 2 Coils, Independent Circuits, Add	*9,761.16*	
23 73 13 00-0042	EA	45,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	90,503.72	11,325.71
		For Flat Filter Box And Throwaway Filters, Add	*8,241.36*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*15,997.32*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*27,631.25*	
		For Manual Roll Filter, Add	*40,266.25*	
		For Automatic Roll Filter, Add	*42,495.96*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*16,482.73*	
		For Electric Heating Coil, Add	*17,969.20*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*31,347.43*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*27,631.25*	
		For Steam Heating Coil, Aluminum Fins, Add	*23,915.08*	
		For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	*19,389.89*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*38,779.78*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*35,063.61*	
		For Hot Water Heating Coil, Copper Fins, Add	*27,631.25*	
		For Variable Air Volume, Add	*10,405.29*	
		For Economizer, Panel, Controls And Damper(s), Add	*3,852.52*	
		For 2 Coils, Independent Circuits, Add	*10,536.84*	
23 73 13 00-0043	EA	47,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	94,279.43	11,857.68
		For Flat Filter Box And Throwaway Filters, Add	*8,582.55*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*16,657.85*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*28,770.82*	
		For Manual Roll Filter, Add	*41,923.97*	
		For Automatic Roll Filter, Add	*44,245.11*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*17,165.09*	
		For Electric Heating Coil, Add	*18,712.52*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*32,639.39*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*28,770.82*	
		For Steam Heating Coil, Aluminum Fins, Add	*24,902.24*	
		For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	*20,188.27*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*40,376.54*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*36,507.96*	
		For Hot Water Heating Coil, Copper Fins, Add	*28,770.82*	
		For Variable Air Volume, Add	*10,832.01*	
		For Economizer, Panel, Controls And Damper(s), Add	*3,943.49*	
		For 2 Coils, Independent Circuits, Add	*10,975.37*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0044	EA	50,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	97,840.21	12,313.74
		For Flat Filter Box And Throwaway Filters, Add	*8,905.17*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*17,283.03*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*29,849.81*	
		For Manual Roll Filter, Add	*43,494.55*	
		For Automatic Roll Filter, Add	*45,902.44*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*17,810.34*	
		For Electric Heating Coil, Add	*19,415.60*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*33,862.97*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*29,849.81*	
		For Steam Heating Coil, Aluminum Fins, Add	*25,836.65*	
		For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	*20,944.64*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*41,889.29*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*37,876.13*	
		For Hot Water Heating Coil, Copper Fins, Add	*29,849.81*	
		For Variable Air Volume, Add	*11,236.84*	
		For Economizer, Panel, Controls And Damper(s), Add	*4,027.13*	
		For 2 Coils, Independent Circuits, Add	*11,389.28*	
23 73 13 00-0045	EA	55,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	105,504.66	13,149.87
		For Flat Filter Box And Throwaway Filters, Add	*9,610.77*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*18,657.73*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*32,228.16*	
		For Manual Roll Filter, Add	*46,968.99*	
		For Automatic Roll Filter, Add	*49,570.32*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*19,221.54*	
		For Electric Heating Coil, Add	*20,955.76*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*36,563.70*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*32,228.16*	
		For Steam Heating Coil, Aluminum Fins, Add	*27,892.62*	
		For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	*22,617.39*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*45,234.78*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*40,899.24*	
		For Hot Water Heating Coil, Copper Fins, Add	*32,228.16*	
		For Variable Air Volume, Add	*12,139.51*	
		For Economizer, Panel, Controls And Damper(s), Add	*4,179.24*	
		For 2 Coils, Independent Circuits, Add	*12,284.68*	
23 73 13 00-0046	EA	60,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	115,455.34	14,061.99
		For Flat Filter Box And Throwaway Filters, Add	*10,540.10*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*20,476.94*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*35,382.21*	
		For Manual Roll Filter, Add	*51,591.14*	
		For Automatic Roll Filter, Add	*54,451.54*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*21,080.20*	
		For Electric Heating Coil, Add	*22,987.14*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*40,149.54*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*35,382.21*	
		For Steam Heating Coil, Aluminum Fins, Add	*30,614.87*	
		For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	*24,842.11*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*49,684.21*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*44,916.88*	
		For Hot Water Heating Coil, Copper Fins, Add	*35,382.21*	
		For Variable Air Volume, Add	*13,348.54*	
		For Economizer, Panel, Controls And Damper(s), Add	*3,910.87*	
		For 2 Coils, Independent Circuits, Add	*13,452.47*	
23 73 13 00-0047	EA	65,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	126,598.72	15,202.15
		For Flat Filter Box And Throwaway Filters, Add	*11,574.00*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*22,496.49*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*38,880.21*	
		For Manual Roll Filter, Add	*56,710.04*	
		For Automatic Roll Filter, Add	*59,856.48*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*23,148.01*	
		For Electric Heating Coil, Add	*25,245.64*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*44,124.28*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*38,880.21*	
		For Steam Heating Coil, Aluminum Fins, Add	*33,636.14*	
		For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	*27,306.21*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*54,612.42*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*49,368.35*	
		For Hot Water Heating Coil, Copper Fins, Add	*38,880.21*	
		For Variable Air Volume, Add	*14,683.39*	
		For Economizer, Panel, Controls And Damper(s), Add	*4,071.74*	
		For 2 Coils, Independent Circuits, Add	*14,757.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0048	EA	70,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	138,998.73	16,494.34
		For Flat Filter Box And Throwaway Filters, Add	*12,719.58*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*24,730.99*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*42,748.11*	
		For Manual Roll Filter, Add	*62,364.91*	
		For Automatic Roll Filter, Add	*65,826.70*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*25,439.17*	
		For Electric Heating Coil, Add	*27,747.03*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*48,517.76*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*42,748.11*	
		For Steam Heating Coil, Aluminum Fins, Add	*36,978.46*	
		For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	*30,028.52*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*60,057.05*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*54,287.40*	
		For Hot Water Heating Coil, Copper Fins, Add	*42,748.11*	
		For Variable Air Volume, Add	*16,155.01*	
		For Economizer, Panel, Controls And Damper(s), Add	*4,260.58*	
		For 2 Coils, Independent Circuits, Add	*16,207.73*	

23 73 13 00-0049 Multi-Zone Units *(23 73 13)*

Note: Horizontal/vertical blow-thru fan, motor and cabinet.

23 73 13 00-0050	EA	1,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	8,206.12	1,367.97
		For Economizer, Panel, Controls And Damper(s), Add	*2,007.72*	
		For Flat Filter Box And Throwaway Filters, Add	*722.92*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*1,387.22*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*1,758.45*	
		For Manual Roll Filter, Add	*3,634.12*	
		For Automatic Roll Filter, Add	*3,634.12*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*820.61*	
		For Electric Heating Coil, Add	*945.66*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*3,008.90*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*3,008.90*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*3,634.12*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*3,634.12*	
		For 2 Coils, Independent Circuits, Add	*945.66*	
23 73 13 00-0051	EA	1,200 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	10,224.63	1,713.83
		For Economizer, Panel, Controls And Damper(s), Add	*2,353.88*	
		For Flat Filter Box And Throwaway Filters, Add	*900.04*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*1,726.63*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*2,188.90*	
		For Manual Roll Filter, Add	*4,521.77*	
		For Automatic Roll Filter, Add	*4,521.77*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*1,022.46*	
		For Electric Heating Coil, Add	*1,177.99*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*3,744.14*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*3,744.14*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*4,521.77*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*4,521.77*	
		For 2 Coils, Independent Circuits, Add	*1,177.99*	
23 73 13 00-0052	EA	1,600 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	12,687.30	1,824.04
		For Economizer, Panel, Controls And Damper(s), Add	*2,463.89*	
		For Flat Filter Box And Throwaway Filters, Add	*1,138.45*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*2,198.74*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*2,780.99*	
		For Manual Roll Filter, Add	*5,805.51*	
		For Automatic Roll Filter, Add	*5,805.51*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*1,268.73*	
		For Electric Heating Coil, Add	*1,470.36*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*4,797.34*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*4,797.34*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*5,805.51*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*5,805.51*	
		For 2 Coils, Independent Circuits, Add	*1,470.36*	
23 73 13 00-0053	EA	2,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	13,183.99	1,953.26
		For Economizer, Panel, Controls And Damper(s), Add	*2,592.75*	
		For Flat Filter Box And Throwaway Filters, Add	*1,178.92*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*2,274.14*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*2,877.55*	
		For Manual Roll Filter, Add	*5,995.86*	
		For Automatic Roll Filter, Add	*5,995.86*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*1,318.40*	
		For Electric Heating Coil, Add	*1,526.29*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*4,956.42*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*4,956.42*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*5,995.86*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*5,995.86*	
		For 2 Coils, Independent Circuits, Add	*1,526.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0054	EA	2,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	15,456.78	2,093.88
		For Economizer, Panel, Controls And Damper(s), Add	*2,733.96*	
		For Flat Filter Box And Throwaway Filters, Add	*1,396.11*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*2,702.48*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*3,415.49*	
		For Manual Roll Filter, Add	*7,155.11*	
		For Automatic Roll Filter, Add	*7,155.11*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*1,545.68*	
		For Electric Heating Coil, Add	*1,794.99*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*5,908.57*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*5,908.57*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*7,155.11*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*7,155.11*	
		For 2 Coils, Independent Circuits, Add	*1,794.99*	
23 73 13 00-0055	EA	3,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	16,293.78	2,242.32
		For Economizer, Panel, Controls And Damper(s), Add	*2,882.21*	
		For Flat Filter Box And Throwaway Filters, Add	*1,469.22*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*2,842.35*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*3,592.97*	
		For Manual Roll Filter, Add	*7,520.16*	
		For Automatic Roll Filter, Add	*7,520.16*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*1,629.38*	
		For Electric Heating Coil, Add	*1,891.19*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*6,211.10*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*6,211.10*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*7,520.16*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*7,520.16*	
		For 2 Coils, Independent Circuits, Add	*1,891.19*	
23 73 13 00-0056	EA	3,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	17,174.98	2,394.23
		For Economizer, Panel, Controls And Damper(s), Add	*3,034.04*	
		For Flat Filter Box And Throwaway Filters, Add	*1,546.50*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*2,990.39*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*3,780.74*	
		For Manual Roll Filter, Add	*7,907.22*	
		For Automatic Roll Filter, Add	*7,907.22*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*1,717.50*	
		For Electric Heating Coil, Add	*1,992.60*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*6,531.72*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*6,531.72*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*7,907.22*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*7,907.22*	
		For 2 Coils, Independent Circuits, Add	*1,992.60*	
23 73 13 00-0057	EA	4,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	19,175.67	2,569.16
		For Economizer, Panel, Controls And Damper(s), Add	*2,764.26*	
		For Flat Filter Box And Throwaway Filters, Add	*1,734.45*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*3,359.04*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*4,244.57*	
		For Manual Roll Filter, Add	*8,898.59*	
		For Automatic Roll Filter, Add	*8,898.59*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*1,917.57*	
		For Electric Heating Coil, Add	*2,227.83*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*7,347.25*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*7,347.25*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*8,898.59*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*8,898.59*	
		For 2 Coils, Independent Circuits, Add	*2,227.83*	
23 73 13 00-0058	EA	4,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	20,968.11	2,751.38
		For Economizer, Panel, Controls And Damper(s), Add	*2,911.91*	
		For Flat Filter Box And Throwaway Filters, Add	*1,900.27*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*3,682.62*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*4,652.42*	
		For Manual Roll Filter, Add	*9,763.62*	
		For Automatic Roll Filter, Add	*9,763.62*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*2,096.81*	
		For Electric Heating Coil, Add	*2,437.56*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*8,059.89*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*8,059.89*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*9,763.62*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*9,763.62*	
		For 2 Coils, Independent Circuits, Add	*2,437.56*	
23 73 13 00-0059	EA	5,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	22,163.70	2,938.58
		For Economizer, Panel, Controls And Damper(s), Add	*3,053.68*	
		For Flat Filter Box And Throwaway Filters, Add	*2,006.95*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*3,888.24*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*4,912.65*	
		For Manual Roll Filter, Add	*10,305.21*	
		For Automatic Roll Filter, Add	*10,305.21*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*2,216.37*	
		For Electric Heating Coil, Add	*2,575.87*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*8,507.69*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*8,507.69*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*10,305.21*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*10,305.21*	
		For 2 Coils, Independent Circuits, Add	*2,575.87*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0060	EA	5,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	24,455.16	3,139.46
		For Economizer, Panel, Controls And Damper(s), Add	*3,217.88*	
		For Flat Filter Box And Throwaway Filters, Add	*2,221.16*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*4,307.71*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*5,440.73*	
		For Manual Roll Filter, Add	*11,431.16*	
		For Automatic Roll Filter, Add	*11,431.16*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*2,445.52*	
		For Electric Heating Coil, Add	*2,844.88*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*9,434.35*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*9,434.35*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*11,431.16*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*11,431.16*	
		For 2 Coils, Independent Circuits, Add	*2,844.88*	
23 73 13 00-0061	EA	6,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	26,017.97	3,359.89
		For Economizer, Panel, Controls And Damper(s), Add	*3,389.68*	
		For Flat Filter Box And Throwaway Filters, Add	*2,361.83*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*4,579.67*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*5,784.58*	
		For Manual Roll Filter, Add	*12,150.14*	
		For Automatic Roll Filter, Add	*12,150.14*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*2,601.80*	
		For Electric Heating Coil, Add	*3,026.17*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*10,028.29*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*10,028.29*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*12,150.14*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*12,150.14*	
		For 2 Coils, Independent Circuits, Add	*3,026.17*	
23 73 13 00-0062	EA	6,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	28,536.68	3,648.51
		For Economizer, Panel, Controls And Damper(s), Add	*3,614.40*	
		For Flat Filter Box And Throwaway Filters, Add	*2,593.27*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*5,030.30*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*6,352.97*	
		For Manual Roll Filter, Add	*13,351.57*	
		For Automatic Roll Filter, Add	*13,351.57*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*2,853.67*	
		For Electric Heating Coil, Add	*3,320.24*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*11,018.71*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*11,018.71*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*13,351.57*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*13,351.57*	
		For 2 Coils, Independent Circuits, Add	*3,320.24*	
23 73 13 00-0063	EA	7,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	30,659.76	3,929.86
		For Economizer, Panel, Controls And Damper(s), Add	*3,836.45*	
		For Flat Filter Box And Throwaway Filters, Add	*2,785.39*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*5,402.43*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*6,823.18*	
		For Manual Roll Filter, Add	*14,337.59*	
		For Automatic Roll Filter, Add	*14,337.59*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*3,065.98*	
		For Electric Heating Coil, Add	*3,566.94*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*11,832.79*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*11,832.79*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*14,337.59*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*14,337.59*	
		For 2 Coils, Independent Circuits, Add	*3,566.94*	
23 73 13 00-0064	EA	7,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	32,160.96	4,249.00
		For Economizer, Panel, Controls And Damper(s), Add	*3,363.14*	
		For Flat Filter Box And Throwaway Filters, Add	*2,913.20*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*5,644.67*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*7,131.56*	
		For Manual Roll Filter, Add	*14,962.50*	
		For Automatic Roll Filter, Add	*14,962.50*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*3,216.10*	
		For Electric Heating Coil, Add	*3,738.16*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*12,352.18*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*12,352.18*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*14,962.50*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*14,962.50*	
		For 2 Coils, Independent Circuits, Add	*3,738.16*	
23 73 13 00-0065	EA	8,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	35,702.32	4,583.24
		For Economizer, Panel, Controls And Damper(s), Add	*3,560.50*	
		For Flat Filter Box And Throwaway Filters, Add	*3,242.67*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*6,288.80*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*7,942.89*	
		For Manual Roll Filter, Add	*16,688.22*	
		For Automatic Roll Filter, Add	*16,688.22*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*3,570.23*	
		For Electric Heating Coil, Add	*4,153.25*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*13,773.11*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*13,773.11*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*16,688.22*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*16,688.22*	
		For 2 Coils, Independent Circuits, Add	*4,153.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0066	EA	8,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	37,581.31	4,940.48
		For Economizer, Panel, Controls And Damper(s), Add	*3,765.02*	
		For Flat Filter Box And Throwaway Filters, Add	*3,405.00*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*6,598.13*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*8,335.95*	
		For Manual Roll Filter, Add	*17,491.57*	
		For Automatic Roll Filter, Add	*17,491.57*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*3,758.13*	
		For Electric Heating Coil, Add	*4,368.51*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*14,439.70*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*14,439.70*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*17,491.57*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*17,491.57*	
		For 2 Coils, Independent Circuits, Add	*4,368.51*	
23 73 13 00-0067	EA	9,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	39,662.87	5,351.16
		For Economizer, Panel, Controls And Damper(s), Add	*3,988.05*	
		For Flat Filter Box And Throwaway Filters, Add	*3,585.28*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*6,941.96*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*8,772.70*	
		For Manual Roll Filter, Add	*18,385.52*	
		For Automatic Roll Filter, Add	*18,385.52*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*3,966.29*	
		For Electric Heating Coil, Add	*4,607.14*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*15,181.25*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*15,181.25*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*18,385.52*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*18,385.52*	
		For 2 Coils, Independent Circuits, Add	*4,607.14*	
23 73 13 00-0068	EA	10,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	41,902.43	5,776.50
		For Economizer, Panel, Controls And Damper(s), Add	*3,657.27*	
		For Flat Filter Box And Throwaway Filters, Add	*3,777.37*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*7,307.00*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*9,236.98*	
		For Manual Roll Filter, Add	*19,330.44*	
		For Automatic Roll Filter, Add	*19,330.44*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*4,190.24*	
		For Electric Heating Coil, Add	*4,863.14*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*15,965.95*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*15,965.95*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*19,330.44*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*19,330.44*	
		For 2 Coils, Independent Circuits, Add	*4,863.14*	
23 73 13 00-0069	EA	11,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	43,072.73	5,997.25
		For Economizer, Panel, Controls And Damper(s), Add	*3,756.31*	
		For Flat Filter Box And Throwaway Filters, Add	*3,877.89*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*7,498.14*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*9,480.03*	
		For Manual Roll Filter, Add	*19,825.53*	
		For Automatic Roll Filter, Add	*19,825.53*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*4,307.27*	
		For Electric Heating Coil, Add	*4,996.97*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*16,377.03*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*16,377.03*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*19,825.53*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*19,825.53*	
		For 2 Coils, Independent Circuits, Add	*4,996.97*	
23 73 13 00-0070	EA	12,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	44,193.42	6,211.28
		For Economizer, Panel, Controls And Damper(s), Add	*3,840.48*	
		For Flat Filter Box And Throwaway Filters, Add	*3,975.93*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*7,685.81*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*9,718.12*	
		For Manual Roll Filter, Add	*20,315.67*	
		For Automatic Roll Filter, Add	*20,315.67*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*4,419.34*	
		For Electric Heating Coil, Add	*5,125.85*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*16,783.15*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*16,783.15*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*20,315.67*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*20,315.67*	
		For 2 Coils, Independent Circuits, Add	*5,125.85*	
23 73 13 00-0071	EA	13,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	50,050.44	6,460.92
		For Economizer, Panel, Controls And Damper(s), Add	*3,250.91*	
		For Flat Filter Box And Throwaway Filters, Add	*4,542.32*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*8,807.00*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*11,124.43*	
		For Manual Roll Filter, Add	*23,363.19*	
		For Automatic Roll Filter, Add	*23,363.19*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*5,005.04*	
		For Electric Heating Coil, Add	*5,820.96*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*19,283.60*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*19,283.60*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*23,363.19*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*23,363.19*	
		For 2 Coils, Independent Circuits, Add	*5,820.96*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0072	EA	15,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	55,866.60	6,716.86
		For Economizer, Panel, Controls And Damper(s), Add	*3,415.00*	
		For Flat Filter Box And Throwaway Filters, Add	*5,106.66*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*9,925.32*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*12,526.65*	
		For Manual Roll Filter, Add	*26,406.63*	
		For Automatic Roll Filter, Add	*26,406.63*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*5,586.66*	
		For Electric Heating Coil, Add	*6,511.99*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*21,779.97*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*21,779.97*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*26,406.63*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*26,406.63*	
		For 2 Coils, Independent Circuits, Add	*6,511.99*	
23 73 13 00-0073	EA	16,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	64,365.99	6,970.19
		For Economizer, Panel, Controls And Damper(s), Add	*3,476.59*	
		For Flat Filter Box And Throwaway Filters, Add	*5,939.00*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*11,579.44*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*14,598.71*	
		For Manual Roll Filter, Add	*30,922.92*	
		For Automatic Roll Filter, Add	*30,922.92*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*6,436.60*	
		For Electric Heating Coil, Add	*7,524.88*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*25,481.51*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*25,481.51*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*30,922.92*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*30,922.92*	
		For 2 Coils, Independent Circuits, Add	*7,524.88*	
23 73 13 00-0074	EA	17,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	72,870.37	7,221.02
		For Economizer, Panel, Controls And Damper(s), Add	*3,539.05*	
		For Flat Filter Box And Throwaway Filters, Add	*6,771.59*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*13,233.92*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*16,671.26*	
		For Manual Roll Filter, Add	*35,439.71*	
		For Automatic Roll Filter, Add	*35,439.71*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*7,287.04*	
		For Electric Heating Coil, Add	*8,538.27*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*29,183.56*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*29,183.56*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*35,439.71*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*35,439.71*	
		For 2 Coils, Independent Circuits, Add	*8,538.27*	
23 73 13 00-0075	EA	20,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	81,871.14	7,829.11
		For Economizer, Panel, Controls And Damper(s), Add	*3,691.80*	
		For Flat Filter Box And Throwaway Filters, Add	*7,628.03*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*11,386.13*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*18,790.53*	
		For Manual Roll Filter, Add	*29,393.94*	
		For Automatic Roll Filter, Add	*36,462.88*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*8,187.11*	
		For Electric Heating Coil, Add	*9,600.90*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*29,393.94*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*29,393.94*	
		For Steam Heating Coil, Aluminum Fins, Add	*15,256.06*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*36,462.88*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*36,462.88*	
		For 2 Coils, Independent Circuits, Add	*9,600.90*	
23 73 13 00-0076	EA	22,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	88,294.26	8,513.21
		For Economizer, Panel, Controls And Damper(s), Add	*3,579.26*	
		For Flat Filter Box And Throwaway Filters, Add	*8,224.67*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*12,276.53*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*20,259.31*	
		For Manual Roll Filter, Add	*31,689.19*	
		For Automatic Roll Filter, Add	*39,309.11*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*8,829.43*	
		For Electric Heating Coil, Add	*10,353.41*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*31,689.19*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*31,689.19*	
		For Steam Heating Coil, Aluminum Fins, Add	*16,449.35*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*39,309.11*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*39,309.11*	
		For 2 Coils, Independent Circuits, Add	*10,353.41*	
23 73 13 00-0077	EA	25,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	105,512.40	9,196.97
		For Economizer, Panel, Controls And Damper(s), Add	*3,735.33*	
		For Flat Filter Box And Throwaway Filters, Add	*9,894.46*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*14,776.02*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*24,407.77*	
		For Manual Roll Filter, Add	*38,264.30*	
		For Automatic Roll Filter, Add	*47,501.99*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*10,551.24*	
		For Electric Heating Coil, Add	*12,398.78*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*38,264.30*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*38,264.30*	
		For Steam Heating Coil, Aluminum Fins, Add	*19,788.93*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*47,501.99*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*47,501.99*	
		For 2 Coils, Independent Circuits, Add	*12,398.78*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0078	EA	27,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	119,359.56	9,957.41
		For Economizer, Panel, Controls And Damper(s), Add	*3,895.70*	
		For Flat Filter Box And Throwaway Filters, Add	*11,225.72*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*16,767.56*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*27,709.19*	
		For Manual Roll Filter, Add	*43,482.42*	
		For Automatic Roll Filter, Add	*53,997.91*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*11,935.96*	
		For Electric Heating Coil, Add	*14,039.05*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*43,482.42*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*43,482.42*	
		For Steam Heating Coil, Aluminum Fins, Add	*22,451.45*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*53,997.91*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*53,997.91*	
		For 2 Coils, Independent Circuits, Add	*14,039.05*	
23 73 13 00-0079	EA	30,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	129,382.25	10,717.84
		For Economizer, Panel, Controls And Damper(s), Add	*4,062.69*	
		For Flat Filter Box And Throwaway Filters, Add	*12,172.33*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*18,181.90*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*30,047.88*	
		For Manual Roll Filter, Add	*47,157.53*	
		For Automatic Roll Filter, Add	*58,563.96*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*12,938.23*	
		For Electric Heating Coil, Add	*15,219.51*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*47,157.53*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*47,157.53*	
		For Steam Heating Coil, Aluminum Fins, Add	*24,344.66*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*58,563.96*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*58,563.96*	
		For 2 Coils, Independent Circuits, Add	*15,219.51*	
23 73 13 00-0080	EA	32,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	144,506.81	12,541.46
		For Economizer, Panel, Controls And Damper(s), Add	*4,067.36*	
		For Flat Filter Box And Throwaway Filters, Add	*13,555.74*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*20,244.11*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*33,441.87*	
		For Manual Roll Filter, Add	*52,433.05*	
		For Automatic Roll Filter, Add	*65,093.84*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*14,450.68*	
		For Electric Heating Coil, Add	*16,982.84*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*52,433.05*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*52,433.05*	
		For Steam Heating Coil, Aluminum Fins, Add	*27,111.47*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*65,093.84*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*65,093.84*	
		For 2 Coils, Independent Circuits, Add	*16,982.84*	
23 73 13 00-0081	EA	35,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	145,176.25	12,997.84
		For Economizer, Panel, Controls And Damper(s), Add	*4,151.04*	
		For Flat Filter Box And Throwaway Filters, Add	*13,589.21*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*20,290.97*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*33,508.81*	
		For Manual Roll Filter, Add	*52,500.00*	
		For Automatic Roll Filter, Add	*65,160.79*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*14,517.63*	
		For Electric Heating Coil, Add	*17,049.78*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*52,500.00*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*52,500.00*	
		For Steam Heating Coil, Aluminum Fins, Add	*27,178.42*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*65,160.79*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*65,160.79*	
		For 2 Coils, Independent Circuits, Add	*17,049.78*	
23 73 13 00-0082	EA	37,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	151,863.47	13,453.48
		For Economizer, Panel, Controls And Damper(s), Add	*4,234.72*	
		For Flat Filter Box And Throwaway Filters, Add	*14,224.46*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*21,240.50*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*35,080.20*	
		For Manual Roll Filter, Add	*54,974.05*	
		For Automatic Roll Filter, Add	*68,236.62*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*15,186.35*	
		For Electric Heating Coil, Add	*17,838.86*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*54,974.05*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*54,974.05*	
		For Steam Heating Coil, Aluminum Fins, Add	*28,448.92*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*68,236.62*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*68,236.62*	
		For 2 Coils, Independent Circuits, Add	*17,838.86*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0083	EA	40,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	158,831.32	14,442.05
		For Economizer, Panel, Controls And Damper(s), Add	*4,407.21*	
		For Flat Filter Box And Throwaway Filters, Add	*14,852.25*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*22,175.28*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*36,615.18*	
		For Manual Roll Filter, Add	*57,347.22*	
		For Automatic Roll Filter, Add	*71,168.58*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*15,883.13*	
		For Electric Heating Coil, Add	*18,647.40*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*57,347.22*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*57,347.22*	
		For Steam Heating Coil, Aluminum Fins, Add	*29,704.49*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*71,168.58*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*71,168.58*	
		For 2 Coils, Independent Circuits, Add	*18,647.40*	
23 73 13 00-0084	EA	45,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	171,245.22	15,202.15
		For Economizer, Panel, Controls And Damper(s), Add	*4,532.66*	
		For Flat Filter Box And Throwaway Filters, Add	*16,043.46*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*23,957.08*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*39,568.12*	
		For Manual Roll Filter, Add	*62,011.71*	
		For Automatic Roll Filter, Add	*76,974.11*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*17,124.52*	
		For Electric Heating Coil, Add	*20,117.00*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*62,011.71*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*62,011.71*	
		For Steam Heating Coil, Aluminum Fins, Add	*32,086.92*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*76,974.11*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*76,974.11*	
		For 2 Coils, Independent Circuits, Add	*20,117.00*	
23 73 13 00-0085	EA	50,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	184,131.53	16,038.28
		For Economizer, Panel, Controls And Damper(s), Add	*4,194.09*	
		For Flat Filter Box And Throwaway Filters, Add	*17,266.11*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*25,784.46*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*42,591.74*	
		For Manual Roll Filter, Add	*66,770.34*	
		For Automatic Roll Filter, Add	*82,889.40*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*18,413.15*	
		For Electric Heating Coil, Add	*21,636.97*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*66,770.34*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*66,770.34*	
		For Steam Heating Coil, Aluminum Fins, Add	*34,532.21*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*82,889.40*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*82,889.40*	
		For 2 Coils, Independent Circuits, Add	*21,636.97*	
23 73 13 00-0086	EA	55,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	198,396.38	17,026.42
		For Economizer, Panel, Controls And Damper(s), Add	*4,331.05*	
		For Flat Filter Box And Throwaway Filters, Add	*18,624.11*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*27,814.62*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*45,952.52*	
		For Manual Roll Filter, Add	*72,065.40*	
		For Automatic Roll Filter, Add	*89,473.98*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*19,839.64*	
		For Electric Heating Coil, Add	*23,321.36*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*72,065.40*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*72,065.40*	
		For Steam Heating Coil, Aluminum Fins, Add	*37,248.22*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*89,473.98*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*89,473.98*	
		For 2 Coils, Independent Circuits, Add	*23,321.36*	
23 73 13 00-0087	EA	60,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	212,966.84	17,482.48
		For Economizer, Panel, Controls And Damper(s), Add	*4,393.07*	
		For Flat Filter Box And Throwaway Filters, Add	*20,050.15*	
		For Medium Capacity Filter Box And Throwaway Filters, Add	*29,950.57*	
		For Combination Filter Mixing Box And Throwaway Filters, Add	*49,502.11*	
		For Manual Roll Filter, Add	*77,707.54*	
		For Automatic Roll Filter, Add	*96,511.15*	
		For Hot Water Heating Coil, Aluminum Fins, Add	*21,296.68*	
		For Electric Heating Coil, Add	*25,057.41*	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	*77,707.54*	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	*77,707.54*	
		For Steam Heating Coil, Aluminum Fins, Add	*40,100.30*	
		For Chilled Water Cooling Coil, Copper Fins, Add	*96,511.15*	
		For Direct Expansion Cooling Coil, Copper Fins, Add	*96,511.15*	
		For 2 Coils, Independent Circuits, Add	*25,057.41*	

23 73 13 00-0088 Return/Supply Air Fan *(23 73 13)*

Note: Includes vibration mounts.

23 73 13 00-0089	EA	300 CFM Return Air Fan	3,451.39	607.98
23 73 13 00-0090	EA	500 CFM Return Air Fan	4,483.57	729.59
23 73 13 00-0091	EA	750 CFM Return Air Fan	4,683.57	760.00
23 73 13 00-0092	EA	1,000 CFM Return Air Fan	5,354.46	805.61
23 73 13 00-0093	EA	1,250 CFM Return Air Fan	5,515.62	843.61
23 73 13 00-0094	EA	1,500 CFM Return Air Fan	5,641.02	881.61
23 73 13 00-0095	EA	1,750 CFM Return Air Fan	5,920.05	927.22
23 73 13 00-0096	EA	2,000 CFM Return Air Fan	6,590.93	972.83

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0097	EA	2,250 CFM Return Air Fan	6,905.49	1,018.44
23 73 13 00-0098	EA	2,500 CFM Return Air Fan	7,077.56	1,064.04
23 73 13 00-0099	EA	3,000 CFM Return Air Fan	7,489.49	1,178.06
23 73 13 00-0100	EA	3,500 CFM Return Air Fan	7,683.45	1,238.87
23 73 13 00-0101	EA	4,000 CFM Return Air Fan	7,866.29	1,292.08
23 73 13 00-0102	EA	4,500 CFM Return Air Fan	8,095.86	1,353.00
23 73 13 00-0103	EA	5,000 CFM Return Air Fan	8,300.33	1,421.41
23 73 13 00-0104	EA	5,500 CFM Return Air Fan	8,681.53	1,588.63
23 73 13 00-0105	EA	6,000 CFM Return Air Fan	9,853.10	1,885.06
23 73 13 00-0106	EA	6,500 CFM Return Air Fan	10,110.95	1,915.47
23 73 13 00-0107	EA	7,000 CFM Return Air Fan	10,228.21	1,923.08
23 73 13 00-0108	EA	8,000 CFM Return Air Fan	10,771.09	1,953.47
23 73 13 00-0109	EA	9,000 CFM Return Air Fan	11,013.82	1,976.28
23 73 13 00-0110	EA	10,000 CFM Return Air Fan	11,589.30	2,052.61
23 73 13 00-0111	EA	12,500 CFM Return Air Fan	12,354.16	2,090.18
23 73 13 00-0112	EA	15,000 CFM Return Air Fan	13,972.54	2,149.59
23 73 13 00-0113	EA	17,500 CFM Return Air Fan	15,241.67	2,265.01
23 73 13 00-0114	EA	20,000 CFM Return Air Fan	18,161.23	2,363.60
23 73 13 00-0115	EA	22,500 CFM Return Air Fan	19,034.63	2,446.02
23 73 13 00-0116	EA	25,000 CFM Return Air Fan	19,905.17	2,515.96
23 73 13 00-0117	EA	27,500 CFM Return Air Fan	21,087.07	2,766.79
23 73 13 00-0118	EA	30,000 CFM Return Air Fan	22,550.09	2,918.60
23 73 13 00-0119	EA	35,000 CFM Return Air Fan	25,468.17	3,040.11
23 73 13 00-0120	EA	40,000 CFM Return Air Fan	30,035.31	3,344.15
23 73 13 00-0121	EA	45,000 CFM Return Air Fan	36,991.70	3,800.21
23 73 13 00-0122	EA	50,000 CFM Return Air Fan	45,097.03	3,937.35
23 73 13 00-0123	EA	55,000 CFM Return Air Fan	47,213.65	4,051.05
23 73 13 00-0124	EA	60,000 CFM Return Air Fan	48,298.09	4,157.46
23 73 13 00-0125	EA	65,000 CFM Return Air Fan	50,654.16	4,339.78
23 73 13 00-0126	EA	70,000 CFM Return Air Fan	53,204.53	4,553.48
23 73 13 00-0127	EA	75,000 CFM Return Air Fan	57,236.52	4,776.84
23 73 13 00-0128	EA	80,000 CFM Return Air Fan	59,771.37	5,030.07
23 73 13 00-0129	EA	90,000 CFM Return Air Fan	61,705.48	5,316.52
23 73 13 00-0130	EA	100,000 CFM Return Air Fan	66,362.98	5,559.86
23 73 13 00-0131	EA	115,000 CFM Return Air Fan	71,409.94	5,825.80
23 73 13 00-0132	EA	130,000 CFM Return Air Fan	76,887.01	6,119.30
23 73 13 00-0133	EA	150,000 CFM Return Air Fan	84,153.98	6,445.28

23 73 13 00-0134 Removal And Reinstallation Of Air Handling Unit *(23 73 13)*

Note: Air handling units with filter and coils. Includes storage and cleaning. Excludes ductwork.

23 73 13 00-0135	EA	Removal And Reinstallation Of Up To 11,500 CFM Air Handling Unit	2,784.28	
23 73 13 00-0136	EA	Removal And Reinstallation Of >11,500 To 16,500 CFM Air Handling Unit	3,776.93	
23 73 13 00-0137	EA	Removal And Reinstallation Of >16,500 To 22,000 CFM Air Handling Unit	4,698.47	
23 73 13 00-0138	EA	Removal And Reinstallation Of >22,000 CFM Air Handling Unit	8,572.64	

23 74 Packaged Outdoor HVAC Equipment *(23 70)*

23 74 16 Packaged Rooftop Air-Conditioning Units *(23 74)*

23 74 16 13 Packaged, Large-Capacity, Rooftop Air-Conditioning Units *(23 74 16)*

23 74 16 13-0001 Electric Cooling, Electric Heat, Self Contained Packaged Rooftop Air-Conditioning Units *(23 74 16 13)*

Note: Electric heating capacity is approximately 1/2 the cooling capacity. Units < 5 tons have 14 SEER, units 5 to < 20 tons have 11 EER, and units 20 tons and over have 10 EER. Includes roof curb and economizer. Excludes crane and associated personnel. See CSI section 26 28 16 16-0001 for disconnects.

23 74 16 13-0002	EA	2 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	5,742.65	1,769.32
		For Unit Without Heat, Deduct	*-405.09*	
		For Unit Without Factory Installed Economizer, Deduct	*-1,103.56*	
		For Unit Without Roof Curb, Deduct	*-742.32*	
23 74 16 13-0003	EA	3 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	6,500.02	1,849.75
		For Unit Without Heat, Deduct	*-448.32*	
		For Unit Without Factory Installed Economizer, Deduct	*-1,103.56*	
		For Unit Without Roof Curb, Deduct	*-742.32*	
23 74 16 13-0004	EA	4 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	7,768.43	1,930.17
		For Unit Without Heat, Deduct	*-517.10*	
		For Unit Without Factory Installed Economizer, Deduct	*-1,103.56*	
		For Unit Without Roof Curb, Deduct	*-742.32*	
23 74 16 13-0005	EA	5 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	9,289.03	2,050.80
		For Unit Without Heat, Deduct	*-601.17*	
		For Unit Without Factory Installed Economizer, Deduct	*-1,103.56*	
		For Unit Without Roof Curb, Deduct	*-742.32*	
23 74 16 13-0006	EA	6 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	10,063.53	2,171.44
		For Unit Without Heat, Deduct	*-647.94*	
		For Unit Without Factory Installed Economizer, Deduct	*-1,103.56*	
		For Unit Without Roof Curb, Deduct	*-742.32*	
23 74 16 13-0007	EA	7.5 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	11,715.16	2,332.29
		For Unit Without Heat, Deduct	*-741.24*	
		For Unit Without Factory Installed Economizer, Deduct	*-1,126.35*	
		For Unit Without Roof Curb, Deduct	*-890.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 74 16 13-0008	EA	8.5 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	14,057.33	2,452.92
		For Unit Without Heat, Deduct	*-866.40*	
		For Unit Without Factory Installed Economizer, Deduct	*-1,126.35*	
		For Unit Without Roof Curb, Deduct	*-890.80*	
23 74 16 13-0009	EA	10 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	14,819.68	2,613.77
		For Unit Without Heat, Deduct	*-915.24*	
		For Unit Without Factory Installed Economizer, Deduct	*-1,151.88*	
		For Unit Without Roof Curb, Deduct	*-890.80*	
23 74 16 13-0010	EA	12.5 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	18,204.20	2,824.48
		For Unit Without Heat, Deduct	*-1,098.54*	
		For Unit Without Factory Installed Economizer, Deduct	*-1,244.02*	
		For Unit Without Roof Curb, Deduct	*-890.80*	
23 74 16 13-0011	EA	15 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	19,765.74	3,035.99
		For Unit Without Heat, Deduct	*-1,190.69*	
		For Unit Without Factory Installed Economizer, Deduct	*-2,351.59*	
		For Unit Without Roof Curb, Deduct	*-890.80*	
23 74 16 13-0012	EA	17.5 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	22,595.23	3,246.97
		For Unit Without Heat, Deduct	*-1,346.24*	
		For Unit Without Factory Installed Economizer, Deduct	*-2,351.59*	
		For Unit Without Roof Curb, Deduct	*-890.80*	
23 74 16 13-0013	EA	20 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	25,490.07	3,458.22
		For Unit Without Heat, Deduct	*-1,505.05*	
		For Unit Without Factory Installed Economizer, Deduct	*-2,351.59*	
		For Unit Without Roof Curb, Deduct	*-890.80*	
23 74 16 13-0014	EA	22.5 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	28,372.60	3,809.94
		For Unit Without Heat, Deduct	*-1,672.64*	
		For Unit Without Factory Installed Economizer, Deduct	*-2,351.59*	
		For Unit Without Roof Curb, Deduct	*-890.80*	
23 74 16 13-0015	EA	25 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	30,266.24	4,161.93
		For Unit Without Heat, Deduct	*-1,790.77*	
		For Unit Without Factory Installed Economizer, Deduct	*-2,351.59*	
		For Unit Without Roof Curb, Deduct	*-890.80*	
23 74 16 13-0016	EA	27.5 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	32,511.60	4,554.13
		For Unit Without Heat, Deduct	*-1,929.18*	
		For Unit Without Factory Installed Economizer, Deduct	*-2,351.59*	
		For Unit Without Roof Curb, Deduct	*-1,344.93*	
23 74 16 13-0017	EA	30 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	35,499.99	4,946.06
		For Unit Without Heat, Deduct	*-2,104.74*	
		For Unit Without Factory Installed Economizer, Deduct	*-2,351.59*	
		For Unit Without Roof Curb, Deduct	*-1,344.93*	
23 74 16 13-0018	EA	35 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	41,162.07	5,770.41
		For Unit Without Heat, Deduct	*-2,442.80*	
		For Unit Without Factory Installed Economizer, Deduct	*-2,351.59*	
		For Unit Without Roof Curb, Deduct	*-1,344.93*	
23 74 16 13-0019	EA	40 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	47,247.26	6,594.75
		For Unit Without Heat, Deduct	*-2,802.01*	
		For Unit Without Factory Installed Economizer, Deduct	*-2,351.59*	
		For Unit Without Roof Curb, Deduct	*-2,045.05*	
23 74 16 13-0020	EA	45 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	51,684.54	7,439.20
		For Unit Without Heat, Deduct	*-3,080.17*	
		For Unit Without Factory Installed Economizer, Deduct	*-2,351.59*	
		For Unit Without Roof Curb, Deduct	*-2,045.05*	
23 74 16 13-0021	EA	50 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	59,608.86	8,283.65
		For Unit Without Heat, Deduct	*-3,532.69*	
		For Unit Without Factory Installed Economizer, Deduct	*-2,351.59*	
		For Unit Without Roof Curb, Deduct	*-2,045.05*	
23 74 16 13-0022	EA	55 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	66,385.68	9,087.88
		For Unit Without Heat, Deduct	*-3,925.14*	
		For Unit Without Factory Installed Economizer, Deduct	*-2,351.59*	
		For Unit Without Roof Curb, Deduct	*-2,543.37*	
23 74 16 13-0023	EA	60 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	71,782.54	9,892.12
		For Unit Without Heat, Deduct	*-4,248.60*	
		For Unit Without Factory Installed Economizer, Deduct	*-2,351.59*	
		For Unit Without Roof Curb, Deduct	*-2,543.37*	
23 74 16 13-0024	EA	65 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	76,934.31	10,696.36
		For Unit Without Heat, Deduct	*-4,559.81*	
		For Unit Without Factory Installed Economizer, Deduct	*-2,351.59*	
		For Unit Without Roof Curb, Deduct	*-2,646.80*	
23 74 16 13-0025	EA	70 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	82,736.62	11,500.60
		For Unit Without Heat, Deduct	*-4,903.54*	
		For Unit Without Factory Installed Economizer, Deduct	*-2,351.59*	
		For Unit Without Roof Curb, Deduct	*-2,646.80*	
23 74 16 13-0026	EA	75 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	89,626.09	12,385.26
		For Unit Without Heat, Deduct	*-5,306.99*	
		For Unit Without Factory Installed Economizer, Deduct	*-2,351.59*	
		For Unit Without Roof Curb, Deduct	*-2,947.13*	

23 74 16 13-0027 Electric Cooling, Gas Heat, Self Contained Packaged Rooftop Air-Conditioning Units *(23 74 16 13)*

Note: Units < 5 tons have 14 SEER, units 5 to < 20 tons have 11 EER, and units 20 tons and over have 10 EER. Includes roof curb and economizer. Excludes crane and associated personnel. See CSI section 26 28 16 16-0001 for Disconnects.

23 74 16 13-0028	EA	2 Ton Electric Cooling, 50 MBH Gas Heating, Self Contained Package Rooftop Unit	5,630.79	1,608.48
		For Unit Without Factory Installed Economizer, Deduct	*-1,103.56*	
		For Unit Without Roof Curb, Deduct	*-742.32*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 74 16 13-0029	EA	3 Ton Electric Cooling, 60 To 80 MBH Gas Heating, Self Contained Package Rooftop Unit	6,574.97	1,849.75
		For Unit Without Factory Installed Economizer, Deduct	*-1,103.56*	
		For Unit Without Roof Curb, Deduct	*-742.32*	
23 74 16 13-0030	EA	4 Ton Electric Cooling, 80 To 110 MBH Gas Heating, Self Contained Package Rooftop Unit	8,296.25	2,131.23
		For Unit Without Factory Installed Economizer, Deduct	*-1,103.56*	
		For Unit Without Roof Curb, Deduct	*-742.32*	
23 74 16 13-0031	EA	5 Ton Electric Cooling, 100 To 120 MBH Gas Heating, Self Contained Package Rooftop Unit	9,421.14	2,292.08
		For Unit Without Factory Installed Economizer, Deduct	*-1,103.56*	
		For Unit Without Roof Curb, Deduct	*-742.32*	
23 74 16 13-0032	EA	6 Ton Electric Cooling, 140 MBH Gas Heating, Self Contained Package Rooftop Unit	10,666.30	2,473.04
		For Unit Without Factory Installed Economizer, Deduct	*-1,103.56*	
		For Unit Without Roof Curb, Deduct	*-742.32*	
23 74 16 13-0033	EA	7.5 Ton Electric Cooling, 150 To 180 MBH Gas Heating, Self Contained Package Rooftop Unit	12,493.94	2,593.67
		For Unit Without Factory Installed Economizer, Deduct	*-1,126.35*	
		For Unit Without Roof Curb, Deduct	*-890.80*	
23 74 16 13-0034	EA	8.5 Ton Electric Cooling, 170 To 190 MBH Gas Heating, Self Contained Package Rooftop Unit	15,591.74	2,151.33
		For Unit Without Factory Installed Economizer, Deduct	*-1,126.35*	
		For Unit Without Roof Curb, Deduct	*-890.80*	
23 74 16 13-0035	EA	10 Ton Electric Cooling, 200 To 240 MBH Gas Heating, Self Contained Package Rooftop Unit	16,045.10	2,895.26
		For Unit Without Factory Installed Economizer, Deduct	*-1,151.88*	
		For Unit Without Roof Curb, Deduct	*-890.80*	
23 74 16 13-0036	EA	12.5 Ton Electric Cooling, 250 MBH Gas Heating, Self Contained Package Rooftop Unit	20,063.49	3,136.52
		For Unit Without Factory Installed Economizer, Deduct	*-1,244.02*	
		For Unit Without Roof Curb, Deduct	*-890.80*	
23 74 16 13-0037	EA	15 Ton Electric Cooling, 300 MBH Gas Heating, Self Contained Package Rooftop Unit	21,826.25	3,377.80
		For Unit Without Factory Installed Economizer, Deduct	*-2,351.59*	
		For Unit Without Roof Curb, Deduct	*-890.80*	
23 74 16 13-0038	EA	17.5 Ton Electric Cooling, 330 MBH Gas Heating, Self Contained Package Rooftop Unit	25,374.40	3,619.07
		For Unit Without Factory Installed Economizer, Deduct	*-2,351.59*	
		For Unit Without Roof Curb, Deduct	*-890.80*	
23 74 16 13-0039	EA	20 Ton Electric Cooling, 350 MBH Gas Heating, Self Contained Package Rooftop Unit	32,174.12	3,860.34
		For Unit Without Factory Installed Economizer, Deduct	*-2,351.59*	
		For Unit Without Roof Curb, Deduct	*-890.80*	
23 74 16 13-0040	EA	22.5 Ton Electric Cooling, 380 MBH Gas Heating, Self Contained Package Rooftop Unit	39,293.78	4,262.46
		For Unit Without Factory Installed Economizer, Deduct	*-2,351.59*	
		For Unit Without Roof Curb, Deduct	*-890.80*	
23 74 16 13-0041	EA	25 Ton Electric Cooling, 400 MBH Gas Heating, Self Contained Package Rooftop Unit	46,413.43	4,610.97
		For Unit Without Factory Installed Economizer, Deduct	*-2,351.59*	
		For Unit Without Roof Curb, Deduct	*-890.80*	
23 74 16 13-0042	EA	27.5 Ton Electric Cooling, 450 MBH Gas Heating, Self Contained Package Rooftop Unit	47,815.85	5,066.69
		For Unit Without Factory Installed Economizer, Deduct	*-2,351.59*	
		For Unit Without Roof Curb, Deduct	*-1,344.93*	
23 74 16 13-0043	EA	30 Ton Electric Cooling, 500 MBH Gas Heating, Self Contained Package Rooftop Unit	49,917.67	5,468.82
		For Unit Without Factory Installed Economizer, Deduct	*-2,351.59*	
		For Unit Without Roof Curb, Deduct	*-1,344.93*	
23 74 16 13-0044	EA	35 Ton Electric Cooling, 550 MBH Gas Heating, Self Contained Package Rooftop Unit	55,573.02	6,393.69
		For Unit Without Factory Installed Economizer, Deduct	*-2,351.59*	
		For Unit Without Roof Curb, Deduct	*-1,344.93*	
23 74 16 13-0045	EA	40 Ton Electric Cooling, 600 MBH Gas Heating, Self Contained Package Rooftop Unit	61,756.76	7,318.57
		For Unit Without Factory Installed Economizer, Deduct	*-2,351.59*	
		For Unit Without Roof Curb, Deduct	*-2,045.05*	
23 74 16 13-0046	EA	45 Ton Electric Cooling, 650 MBH Gas Heating, Self Contained Package Rooftop Unit	66,839.90	8,243.43
		For Unit Without Factory Installed Economizer, Deduct	*-2,351.59*	
		For Unit Without Roof Curb, Deduct	*-2,045.05*	
23 74 16 13-0047	EA	50 Ton Electric Cooling, 750 MBH Gas Heating, Self Contained Package Rooftop Unit	71,361.57	9,168.31
		For Unit Without Factory Installed Economizer, Deduct	*-2,351.59*	
		For Unit Without Roof Curb, Deduct	*-2,045.05*	
23 74 16 13-0048	EA	55 Ton Electric Cooling, 800 MBH Gas Heating, Self Contained Package Rooftop Unit	78,486.82	10,093.18
		For Unit Without Factory Installed Economizer, Deduct	*-2,351.59*	
		For Unit Without Roof Curb, Deduct	*-2,543.37*	
23 74 16 13-0049	EA	60 Ton Electric Cooling, 850 MBH Gas Heating, Self Contained Package Rooftop Unit	85,310.74	11,018.06
		For Unit Without Factory Installed Economizer, Deduct	*-2,351.59*	
		For Unit Without Roof Curb, Deduct	*-2,543.37*	
23 74 16 13-0050	EA	65 Ton Electric Cooling, 900 MBH Gas Heating, Self Contained Package Rooftop Unit	92,081.82	11,480.49
		For Unit Without Factory Installed Economizer, Deduct	*-2,351.59*	
		For Unit Without Roof Curb, Deduct	*-2,646.80*	
23 74 16 13-0051	EA	70 Ton Electric Cooling, 950 MBH Gas Heating, Self Contained Package Rooftop Unit	98,927.84	11,922.82
		For Unit Without Factory Installed Economizer, Deduct	*-2,351.59*	
		For Unit Without Roof Curb, Deduct	*-2,646.80*	
23 74 16 13-0052	EA	75 Ton Electric Cooling, 1,000 MBH Gas Heating, Self Contained Package Rooftop Unit	108,777.06	12,385.26
		For Unit Without Factory Installed Economizer, Deduct	*-2,351.59*	
		For Unit Without Roof Curb, Deduct	*-2,947.13*	
23 74 16 13-0053	EA	80 Ton Electric Cooling, 1,100 MBH Gas Heating, Self Contained Package Rooftop Unit	103,507.07	12,867.80
		For Unit Without Factory Installed Economizer, Deduct	*-2,351.59*	
		For Unit Without Roof Curb, Deduct	*-2,947.13*	
23 74 16 13-0054	EA	90 Ton Electric Cooling, 1,200 MBH Gas Heating, Self Contained Package Rooftop Unit	149,676.22	15,119.66
		For Unit Without Factory Installed Economizer, Deduct	*-2,351.59*	
		For Unit Without Roof Curb, Deduct	*-2,947.13*	
23 74 16 13-0055	EA	100 Ton Electric Cooling, 1,350 MBH Gas Heating, Self Contained Package Rooftop Unit	168,537.59	18,417.04
		For Unit Without Factory Installed Economizer, Deduct	*-2,351.59*	
		For Unit Without Roof Curb, Deduct	*-2,947.13*	

23 74 16 13-0056 Heat Pump, Packaged Rooftop Heat Pump Units *(23 74 16 13)*

See CSI section 26 28 16 16-0001 for disconnects.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 74 16 13-0057		**Packaged Rooftop Heat Pump Units** *(23 74 16 13-0056)* Note: Includes evaporator and condenser coils, electric heat, thermostatic expansion valve, compressor, evaporator and condenser fans, refrigerant charge, filter section with filter, operation and safety controls, motors, condensate drain pan, condenser coil guards, manual outside air damper, and roof curb. Excludes crane and associated personnel.		
23 74 16 13-0058	EA	2 Ton Packaged Rooftop Heat Pump	6,779.79	1,447.63
		For Economizer With Outside Air Control, Add	*1,983.51*	
		For Upgrade Of Economizer To OS Air Enthalpy Control, Add	*242.48*	
		For Unit Without Roof Curb, Deduct	*-742.32*	
23 74 16 13-0059	EA	2.5 Ton Packaged Rooftop Heat Pump	7,137.73	1,556.26
		For Economizer With Outside Air Control, Add	*2,100.66*	
		For Upgrade Of Economizer To OS Air Enthalpy Control, Add	*253.14*	
		For Unit Without Roof Curb, Deduct	*-742.32*	
23 74 16 13-0060	EA	3 Ton Packaged Rooftop Heat Pump	7,548.94	1,664.77
		For Economizer With Outside Air Control, Add	*2,228.99*	
		For Upgrade Of Economizer To OS Air Enthalpy Control, Add	*266.46*	
		For Unit Without Roof Curb, Deduct	*-742.32*	
23 74 16 13-0061	EA	3.5 Ton Packaged Rooftop Heat Pump	8,100.66	1,791.41
		For Economizer With Outside Air Control, Add	*2,165.34*	
		For Upgrade Of Economizer To OS Air Enthalpy Control, Add	*285.60*	
		For Unit Without Roof Curb, Deduct	*-742.32*	
23 74 16 13-0062	EA	4 Ton Packaged Rooftop Heat Pump	8,652.63	1,918.16
		For Economizer With Outside Air Control, Add	*2,314.92*	
		For Upgrade Of Economizer To OS Air Enthalpy Control, Add	*304.76*	
		For Unit Without Roof Curb, Deduct	*-742.32*	
23 74 16 13-0063	EA	5 Ton Packaged Rooftop Heat Pump	9,273.73	2,062.92
		For Economizer With Outside Air Control, Add	*2,484.20*	
		For Upgrade Of Economizer To OS Air Enthalpy Control, Add	*260.93*	
		For Unit Without Roof Curb, Deduct	*-742.32*	
23 74 16 13-0064	EA	6 Ton Packaged Rooftop Heat Pump	10,435.94	2,225.70
		For Economizer With Outside Air Control, Add	*2,753.43*	
		For Upgrade Of Economizer To OS Air Enthalpy Control, Add	*224.05*	
		For Unit Without Roof Curb, Deduct	*-742.32*	
23 74 16 13-0065	EA	7.5 Ton Packaged Rooftop Heat Pump	13,433.34	2,334.33
		For Economizer With Outside Air Control, Add	*2,794.71*	
		For Upgrade Of Economizer To OS Air Enthalpy Control, Add	*309.63*	
		For Unit Without Roof Curb, Deduct	*-890.80*	
23 74 16 13-0066	EA	8.5 Ton Packaged Rooftop Heat Pump	15,027.92	2,515.23
		For Economizer With Outside Air Control, Add	*2,961.00*	
		For Upgrade Of Economizer To OS Air Enthalpy Control, Add	*350.23*	
		For Unit Without Roof Curb, Deduct	*-890.80*	
23 74 16 13-0067	EA	10 Ton Packaged Rooftop Heat Pump	16,160.41	2,605.73
		For Economizer With Outside Air Control, Add	*3,005.77*	
		For Upgrade Of Economizer To OS Air Enthalpy Control, Add	*253.72*	
		For Unit Without Roof Curb, Deduct	*-890.80*	
23 74 16 13-0068	EA	12.5 Ton Packaged Rooftop Heat Pump	18,752.35	2,822.88
		For Economizer With Outside Air Control, Add	*3,380.77*	
		For Upgrade Of Economizer To OS Air Enthalpy Control, Add	*299.77*	
		For Unit Without Roof Curb, Deduct	*-890.80*	
23 74 16 13-0069	EA	15 Ton Packaged Rooftop Heat Pump	21,344.30	3,040.02
		For Economizer With Outside Air Control, Add	*3,755.77*	
		For Upgrade Of Economizer To OS Air Enthalpy Control, Add	*345.82*	
		For Unit Without Roof Curb, Deduct	*-890.80*	
23 74 16 13-0070	EA	17.5 Ton Packaged Rooftop Heat Pump	23,908.96	3,257.17
		For Economizer With Outside Air Control, Add	*4,128.05*	
		For Upgrade Of Economizer To OS Air Enthalpy Control, Add	*391.32*	
		For Unit Without Roof Curb, Deduct	*-890.80*	
23 74 16 13-0071	EA	20 Ton Packaged Rooftop Heat Pump	26,473.61	3,474.31
		For Economizer With Outside Air Control, Add	*4,500.33*	
		For Upgrade Of Economizer To OS Air Enthalpy Control, Add	*436.82*	
		For Unit Without Roof Curb, Deduct	*-890.80*	
23 74 16 13-0072		**Heating Only Packaged Rooftop Units** *(23 74 16 13-0056)* Note: Includes throwaway filters, filter rack, manual outside air damper, roof curbs and electric heat. Units are shipped fully factory assembled in one piece, prewired and include start-up. Excludes crane and associated personnel. See CSI section 26 28 16 16-0001 for disconnects.		
23 74 16 13-0073	EA	24 MBH Electric Heating Only, Self Contained Package Rooftop Unit	6,733.15	1,447.63
		For Gas Heat, Add	*432.72*	
		For Unit Without Roof Curb, Deduct	*-742.32*	
23 74 16 13-0074	EA	32 MBH Electric Heating Only, Self Contained Package Rooftop Unit	7,910.50	1,664.77
		For Gas Heat, Add	*509.34*	
		For Unit Without Roof Curb, Deduct	*-742.32*	
23 74 16 13-0075	EA	45 MBH Electric Heating Only, Self Contained Package Rooftop Unit	10,824.44	1,918.16
		For Gas Heat, Add	*706.56*	
		For Unit Without Roof Curb, Deduct	*-742.32*	
23 74 16 13-0076	EA	60 MBH Electric Heating Only, Self Contained Package Rooftop Unit	12,210.91	2,062.92
		For Gas Heat, Add	*799.75*	
		For Unit Without Roof Curb, Deduct	*-742.32*	
23 74 16 13-0077	EA	95 MBH Electric Heating Only, Self Contained Package Rooftop Unit	14,348.47	2,334.33
		For Gas Heat, Add	*942.14*	
		For Unit Without Roof Curb, Deduct	*-890.80*	
23 74 16 13-0078	EA	112 MBH Electric Heating Only, Self Contained Package Rooftop Unit	16,161.63	2,515.23
		For Gas Heat, Add	*1,064.24*	
		For Unit Without Roof Curb, Deduct	*-890.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 74 16 13-0079	EA	140 MBH Electric Heating Only, Self Contained Package Rooftop Unit	19,123.31	2,605.73
		For Gas Heat, Add	*1,269.15*	
		For Unit Without Roof Curb, Deduct	*-890.80*	
23 74 16 13-0080	EA	170 MBH Electric Heating Only, Self Contained Package Rooftop Unit	24,837.18	3,040.02
		For Gas Heat, Add	*1,657.54*	
		For Unit Without Roof Curb, Deduct	*-890.80*	
23 74 16 13-0081	EA	200 MBH Electric Heating Only, Self Contained Package Rooftop Unit	32,796.93	3,257.17
		For Gas Heat, Add	*2,208.93*	
		For Unit Without Roof Curb, Deduct	*-890.80*	
23 74 16 13-0082	EA	230 MBH Electric Heating Only, Self Contained Package Rooftop Unit	38,282.41	3,474.31
		For Gas Heat, Add	*2,587.12*	
		For Unit Without Roof Curb, Deduct	*-890.80*	
23 74 16 13-0083	EA	270 MBH Electric Heating Only, Self Contained Package Rooftop Unit	49,773.98	3,836.21
		For Gas Heat, Add	*3,381.88*	
		For Unit Without Roof Curb, Deduct	*-890.80*	
23 74 16 13-0084	EA	330 MBH Electric Heating Only, Self Contained Package Rooftop Unit	62,245.85	4,881.72
		For Gas Heat, Add	*4,235.61*	
		For Unit Without Roof Curb, Deduct	*-1,344.93*	
23 74 16 13-0085	EA	360 MBH Electric Heating Only, Self Contained Package Rooftop Unit	76,584.28	4,921.94
		For Gas Heat, Add	*5,229.65*	
		For Unit Without Roof Curb, Deduct	*-1,344.93*	
23 74 16 13-0086	EA	450 MBH Electric Heating Only, Self Contained Package Rooftop Unit	93,282.00	5,754.38
		For Gas Heat, Add	*6,376.29*	
		For Unit Without Roof Curb, Deduct	*-1,344.93*	
23 74 16 13-0087	EA	540 MBH Electric Heating Only, Self Contained Package Rooftop Unit	120,986.62	7,419.15
		For Gas Heat, Add	*8,271.22*	
		For Unit Without Roof Curb, Deduct	*-2,045.05*	

23 74 23 Packaged, Outdoor, Heating-Only Makeup-Air Units *(23 74)*

23 74 23 13 Packaged, Direct-Fired, Outdoor, Heating-Only Makeup-Air Units *(23 74 23)*

23 74 23 13-0001 Make-Up Air Units *(23 74 23 13)*

Note: Units are shipped fully factory assembled in one piece, prewired, prepiped, charged with refrigerant. Includes throwaway filters and start-up. Excludes crane and associated personnel.

23 74 23 13-0002 Gas-Fired Electric Spark Make-Up Air Units *(23 74 23 13-0001)*

Note: With 2-position damper curb filter and thermostat with capillary. Excludes crane and associated personnel.

23 74 23 13-0003	EA	100,000 BTU 1/2 HP, 1,200 CFM, Make-up Air Unit, Gas Fired, Electric Spark	7,850.32	482.54
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*2,113.82*	
		For Equipment Base Roof Curb, Add	*957.16*	
23 74 23 13-0004	EA	300,000 BTU 1-1/2 HP, 3,500 CFM, Make-up Air Unit, Gas Fired, Electric Spark	10,163.04	546.88
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*2,772.79*	
		For Equipment Base Roof Curb, Add	*1,242.77*	
23 74 23 13-0005	EA	500,000 BTU 2 HP, 4,000 CFM, Make-up Air Unit, Gas Fired, Electric Spark	14,170.12	643.39
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*3,929.34*	
		For Equipment Base Roof Curb, Add	*1,739.10*	
23 74 23 13-0006	EA	670,000 BTU 3 HP, 6,000 CFM, Make-up Air Unit, Gas Fired, Electric Spark	14,277.20	686.28
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*3,937.34*	
		For Equipment Base Roof Curb, Add	*1,750.07*	
23 74 23 13-0007	EA	800,000 BTU 5 HP, 7,500 CFM, Make-up Air Unit, Gas Fired, Electric Spark	19,550.73	772.06
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*5,479.18*	
		For Equipment Base Roof Curb, Add	*2,405.24*	
23 74 23 13-0008	EA	1,200,000 BTU 10 HP, 10,000 CFM, Make-up Air Unit, Gas Fired, Electric Spark	29,691.26	965.09
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*8,424.84*	
		For Equipment Base Roof Curb, Add	*3,663.15*	

23 74 23 13-0009 Electric Make-Up Air Units *(23 74 23 13-0001)*

Note: With 2-position damper curb filter and thermostat with capillary. Excludes crane and associated personnel.

23 74 23 13-0010	EA	33 KW, 1/2 HP, 1,200 CFM Make-up Air Unit, Electric	16,328.40	482.54
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*4,657.25*	
		For Equipment Base Roof Curb, Add	*2,016.92*	
23 74 23 13-0011	EA	100 KW, 1-1/2 HP, 3,500 CFM Make-up Air Unit, Electric	23,394.50	546.88
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*6,742.23*	
		For Equipment Base Roof Curb, Add	*2,896.70*	
23 74 23 13-0012	EA	150 KW, 2 HP, 4,000 CFM Make-up Air Unit, Electric	28,998.66	643.39
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*8,377.90*	
		For Equipment Base Roof Curb, Add	*3,592.66*	
23 74 23 13-0013	EA	250 KW, 5 HP, 7,500 CFM Make-up Air Unit, Electric	37,535.52	772.06
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*10,874.62*	
		For Equipment Base Roof Curb, Add	*4,653.34*	
23 74 23 13-0014	EA	400 KW, 10 HP, 10,000 CFM Make-up Air Unit, Electric	60,787.30	965.09
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	*17,753.65*	
		For Equipment Base Roof Curb, Add	*7,550.16*	

23 80 Decentralized Unitary HVAC Equipment *(23)*

Note: Where required, mechanical equipment excludes electrical connection, disconnect, or starter unless title states otherwise. See CSI section 23 05 29 00-0000 for hangers and supports, 26 05 19 16-0010 for electrical connection and termination, 26 05 83 00-0001 for terminations, 26 28 16 16-0001 for disconnect.

23 81 Decentralized Unitary HVAC Equipment *(23 80)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

23 81 13 Packaged Terminal Air-Conditioners *(23 81)*

Note: Units consists of fresh air intake, throwaway filters, exhaust, automatic thermostat, hermetically sealed compressor with 5 year guarantee, "sleeve-type" construction, condensing fan motor enclosed, fan to be aluminum, three wire ground cord, multi speed fan, exposed steel parts to be phosphate bonderized with baked enamel finish and copper tubes mechanically expanded into aluminum of evaporator and condensing coils. Includes equipment rigging. Efficiency Rating (ER) not less than 9.

23 81 13 11 Packaged Terminal Air-Conditioners, Through-Wall Units *(23 81 13)*

23 81 13 11-0001 Packaged Terminal Air-Conditioners *(23 81 13 11)*

23 81 13 11-0002 Electric Heat, Heating And Cooling, Packaged Terminal Air-Conditioners *(23 81 13 11-0001)*

23 81 13 11-0003	EA	7,200 BTU, 13 EER, 230/208 Volt, Electric Heat, Heating And Cooling, Packaged Terminal Air-Conditioner	2,010.69	201.33
		For >35 To 70, Deduct	*-48.24*	
		For >70 To 100, Deduct	*-80.40*	
		For >100, Deduct	*-112.56*	
23 81 13 11-0004	EA	9,400 BTU, 12.1 EER, 230/208 Volt, Electric Heat, Heating And Cooling, Packaged Terminal Air-Conditioner	2,125.85	245.47
		For >35 To 70, Deduct	*-49.06*	
		For >70 To 100, Deduct	*-81.77*	
		For >100, Deduct	*-114.48*	
23 81 13 11-0005	EA	11,800 BTU, 11.6 EER, 230/208 Volt, Electric Heat, Heating And Cooling, Packaged Terminal Air-Conditioner	2,249.90	261.60
		For >35 To 70, Deduct	*-51.78*	
		For >70 To 100, Deduct	*-86.30*	
		For >100, Deduct	*-120.82*	
23 81 13 11-0006	EA	14,500 BTU, 10.4 EER, 230/208 Volt, Electric Heat, Heating And Cooling, Packaged Terminal Air-Conditioner	2,431.54	281.20
		For >35 To 70, Deduct	*-56.08*	
		For >70 To 100, Deduct	*-93.47*	
		For >100, Deduct	*-130.86*	

23 81 13 11-0007 Heat Pump, Heating And Cooling, Packaged Terminal Air-Conditioners *(23 81 13 11-0001)*

23 81 13 11-0008	EA	7,200 BTU, 13 EER, 230/208 Volt, Heat Pump, Heating And Cooling, Packaged Terminal Air-Conditioner	2,154.45	217.82
		For >35 To 70, Deduct	*-51.59*	
		For >70 To 100, Deduct	*-85.98*	
		For >100, Deduct	*-120.37*	
23 81 13 11-0009	EA	9,400 BTU, 12.1 EER, 230/208 Volt, Heat Pump, Heating And Cooling, Packaged Terminal Air-Conditioner	2,271.27	245.47
		For >35 To 70, Deduct	*-53.43*	
		For >70 To 100, Deduct	*-89.04*	
		For >100, Deduct	*-124.66*	
23 81 13 11-0010	EA	11,800 BTU, 11.6 EER, 230/208 Volt, Heat Pump, Heating And Cooling, Packaged Terminal Air-Conditioner	2,355.28	261.60
		For >35 To 70, Deduct	*-54.94*	
		For >70 To 100, Deduct	*-91.57*	
		For >100, Deduct	*-128.20*	
23 81 13 11-0011	EA	14,500 BTU, 10.4 EER, 230/208 Volt, Heat Pump, Heating And Cooling, Packaged Terminal Air-Conditioner	2,570.64	281.20
		For >35 To 70, Deduct	*-60.25*	
		For >70 To 100, Deduct	*-100.42*	
		For >100, Deduct	*-140.59*	

23 81 13 11-0012 Packaged Terminal Air-Conditioners, Through-Wall Unit Sleeve *(23 81 13 11)*

Note: Includes wall case, exterior grille, weather panel and steel closure panels. Includes bolts, nuts, washers, caulking and lintel supports. Not for use with new A/C units where wall sleeve is provided. Excludes cutting opening for unit or patching masonry or concrete.

23 81 13 11-0013	EA	Up To 10,000 BTU Unit, Thru Wall A/C Sleeve	90.66
23 81 13 11-0014	EA	>10,000 To 20,000 BTU Unit, Thru Wall A/C Sleeve	102.19
23 81 13 11-0015	EA	>20,000 To 30,000 BTU Unit, Thru Wall A/C Sleeve	113.73

23 81 13 11-0016 Removal And Reinstallation Of Packaged Terminal Air-Conditioners, Through-Wall Units *(23 81 13 11)*

Note: Includes storage and cleaning.

23 81 13 11-0017	EA	Removal And Reinstallation Of Packaged Terminal Air-Conditioners, Through-Wall Units	214.75

23 81 13 13 Packaged Terminal Air-Conditioners, Outdoor, Wall-Mounted Units *(23 81 13)*

23 81 13 13-0001 Single Package Vertical Wall Cooling Unit *(23 81 13 13)*

Note: Air-to-air type with electric heat. Includes throwaway filters. Wall units are wired for 230/208 Volt, 1 phase, 60 HZ. With solid state electronic controls, thermostat, cord and NEMA plug. Units are shipped fully factory assembled in one piece, prewired, prepiped and charged with refrigerant, complete with push button controls, insulated steel cabinet, with wall sleeve and outdoor grille and stainless steel drain pan. Excludes crane and associated personnel.

23 81 13 13-0002	EA	1/2 Ton Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat	5,002.75	244.32
23 81 13 13-0003	EA	1 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat	7,921.59	255.96
23 81 13 13-0004	EA	1-1/2 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat	10,374.92	267.60
23 81 13 13-0005	EA	2 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat	11,935.26	290.86
23 81 13 13-0006	EA	2-1/2 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat	14,976.27	337.40
23 81 13 13-0007	EA	3 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat	16,055.40	418.84
23 81 13 13-0008	EA	3-1/2 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat	17,773.52	465.37
23 81 13 13-0009	EA	4 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat	19,571.30	523.55
23 81 13 13-0010	EA	5 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat	22,011.60	628.26
23 81 13 13-0011	EA	7-1/2 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat	28,460.63	779.51
23 81 13 13-0012	EA	10 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat	33,923.96	1,047.10

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 81 13 13-0013	EA	15 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat	47,606.94	1,279.79
23 81 13 13-0014	EA	20 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat	54,836.32	1,524.11
23 81 13 13-0015	EA	25 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat	65,566.25	1,710.26

23 81 16 Room Air-Conditioners *(23 81)*

Note: Units consists of fresh air intake, throwaway filters, exhaust, automatic thermostat, hermetically sealed compressor with 5 year guarantee, "sleeve-type" construction, condensing fan motor enclosed, fan to be aluminum, three wire ground cord, multi speed fan, exposed steel parts to be phosphate bonderized with baked enamel finish and copper tubes mechanically expanded into aluminum of evaporator and condensing coils. Includes equipment rigging. Efficiency Rating (ER) not less than 9.

23 81 16 00-0001 Window Unit, Room Air-Conditioners *(23 81 16)*

23 81 16 00-0002 Cooling Only, Window Unit, Room Air-Conditioners *(23 81 16 00-0001)*

23 81 16 00-0003 Cooling Only, Window Unit, Room Air-Conditioners (Frigidaire) *(23 81 16 00-0002)*

23 81 16 00-0004	EA	5,000 BTU, 11.2 EER, 115 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Frigidaire FFRE0533Q1)	485.06	112.74
		For >10 To 50, Deduct	*-12.98*	
		For >50 To 75, Deduct	*-18.17*	
		For >75 To 100, Deduct	*-25.96*	
		For >100, Deduct	*-31.15*	
23 81 16 00-0005	EA	6,000 BTU, 11.2 EER, 115 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Frigidaire FFRE0633Q1)	511.14	112.74
		For >10 To 50, Deduct	*-14.28*	
		For >50 To 75, Deduct	*-20.00*	
		For >75 To 100, Deduct	*-28.57*	
		For >100, Deduct	*-34.28*	
23 81 16 00-0006	EA	8,000 BTU, 11.3 EER, 115 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Frigidaire FFRE0833U1)	576.36	112.74
		For >10 To 50, Deduct	*-17.54*	
		For >50 To 75, Deduct	*-24.56*	
		For >75 To 100, Deduct	*-35.09*	
		For >100, Deduct	*-42.11*	
23 81 16 00-0007	EA	10,000 BTU, 11.3 EER, 115 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Frigidaire FFRE1033U1)	667.67	112.74
		For >10 To 50, Deduct	*-22.11*	
		For >50 To 75, Deduct	*-30.95*	
		For >75 To 100, Deduct	*-44.22*	
		For >100, Deduct	*-53.06*	
23 81 16 00-0008	EA	12,000 BTU, 11.3 EER, 115 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Frigidaire FFRE1233Q1)	785.07	112.74
		For >10 To 50, Deduct	*-27.98*	
		For >50 To 75, Deduct	*-39.17*	
		For >75 To 100, Deduct	*-55.96*	
		For >100, Deduct	*-67.15*	
23 81 16 00-0009	EA	15,100 BTU, 11.2 EER, 115 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Frigidaire FFRE1533Q1)	915.51	112.74
		For >10 To 50, Deduct	*-34.50*	
		For >50 To 75, Deduct	*-48.30*	
		For >75 To 100, Deduct	*-69.00*	
		For >100, Deduct	*-82.80*	
23 81 16 00-0010	EA	8,000 BTU, 10.9 EER, 115 Volt, Cooling Only, Casement Window Unit, Room Air-Conditioner (Frigidaire FFRS0833Q1)	863.33	112.74
		For >10 To 50, Deduct	*-31.89*	
		For >50 To 75, Deduct	*-44.65*	
		For >75 To 100, Deduct	*-63.79*	
		For >100, Deduct	*-76.54*	
23 81 16 00-0011	EA	10,000 BTU, 9.5 EER, 115 Volt, Cooling Only, Casement Window Unit, Room Air-Conditioner (Frigidaire FFRS1022Q1)	928.55	112.74
		For >10 To 50, Deduct	*-35.15*	
		For >50 To 75, Deduct	*-49.21*	
		For >75 To 100, Deduct	*-70.31*	
		For >100, Deduct	*-84.37*	
23 81 16 00-0012	EA	12,000 BTU, 9.5 EER, 115 Volt, Cooling Only, Casement Window Unit, Room Air-Conditioner (Frigidaire FFRS1222Q1)	980.73	112.74
		For >10 To 50, Deduct	*-37.76*	
		For >50 To 75, Deduct	*-52.87*	
		For >75 To 100, Deduct	*-75.53*	
		For >100, Deduct	*-90.63*	
23 81 16 00-0013	EA	18,500 BTU, 11.2 EER, 230/208 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Frigidaire FFRE1833Q2)	1,032.90	112.74
		For >10 To 50, Deduct	*-40.37*	
		For >50 To 75, Deduct	*-56.52*	
		For >75 To 100, Deduct	*-80.74*	
		For >100, Deduct	*-96.89*	
23 81 16 00-0014	EA	22,000 BTU, 9.8 EER, 230/208 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Frigidaire FFRE2233S2)	1,137.26	112.74
		For >10 To 50, Deduct	*-45.59*	
		For >50 To 75, Deduct	*-63.82*	
		For >75 To 100, Deduct	*-91.18*	
		For >100, Deduct	*-109.41*	
23 81 16 00-0015	EA	25,000 BTU, 9.8 EER, 230/208 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Frigidaire FFRE2533S2)	1,150.30	112.74
		For >10 To 50, Deduct	*-46.24*	
		For >50 To 75, Deduct	*-64.74*	
		For >75 To 100, Deduct	*-92.48*	
		For >100, Deduct	*-110.98*	
23 81 16 00-0016	EA	28,000 BTU, 9.0 EER, 230/208 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Frigidaire FFRA2822R2)	1,901.88	112.74
		For >10 To 50, Deduct	*-83.82*	
		For >50 To 75, Deduct	*-117.35*	
		For >75 To 100, Deduct	*-167.64*	
		For >100, Deduct	*-201.17*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 81 16 00-0017		Cooling Only, Window Unit, Room Air-Conditioners (Friedrich Kuhl) *(23 81 16 00-0002)*		
23 81 16 00-0018	EA	8,000 BTU, 12.2 EER, 110 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Friedrich SS08N10C)	2,018.73	112.74
23 81 16 00-0019	EA	10,000 BTU, 12.2 EER, 110 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Friedrich SS10N10C)	2,218.19	112.74
23 81 16 00-0020	EA	11,900 BTU, 12.2 EER, 110 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Friedrich SS12N10C)	2,308.85	112.74
23 81 16 00-0021	EA	12,000 BTU, 12.2 EER, 230/208 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Friedrich SS12N30C)	2,345.11	112.74
23 81 16 00-0022	EA	20,000 BTU, 10.4 EER, 230/208 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Friedrich SM18N30C)	2,671.49	112.74
23 81 16 00-0023	EA	24,000 BTU, 10.4 EER, 230/208 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Friedrich SL24N30C)	3,487.43	112.74
23 81 16 00-0024	EA	28,000 BTU, 10.0 EER, 230/208 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Friedrich SL28N30C)	3,759.41	112.74
23 81 16 00-0025	EA	36,000 BTU, 9.0 EER, 230/208 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Friedrich SL36N30B)	4,122.05	112.74
23 81 16 00-0026		Heating And Cooling, Window Unit, Room Air-Conditioners *(23 81 16 00-0001)*		
23 81 16 00-0027		Electric Heat, Heating And Cooling, Window Unit, Room Air-Conditioners (Frigidaire) *(23 81 16 00-0026)*		
23 81 16 00-0028	EA	8,000 BTU, 9.8 EER, 115 Volt, Electric Heat, Heating And Cooling, Window Unit, Room Air-Conditioner (Frigidaire FFRH0822R1)	980.73	112.74
		For >10 To 50, Deduct	*-37.76*	
		For >50 To 75, Deduct	*-52.87*	
		For >75 To 100, Deduct	*-75.53*	
		For >100, Deduct	*-90.63*	
23 81 16 00-0029	EA	12,000 BTU, 10.9 EER, 230/208 Volt, Electric Heat, Heating And Cooling, Window Unit, Room Air-Conditioner (Frigidaire FFRH1222R2)	1,124.21	112.74
		For >10 To 50, Deduct	*-44.94*	
		For >50 To 75, Deduct	*-62.91*	
		For >75 To 100, Deduct	*-89.87*	
		For >100, Deduct	*-107.85*	
23 81 16 00-0030	EA	18,500 BTU, 10.7 EER, 230/208 Volt, Electric Heat, Heating And Cooling, Window Unit, Room Air-Conditioner (Frigidaire FFRH1822R2)	1,202.48	112.74
		For >10 To 50, Deduct	*-48.85*	
		For >50 To 75, Deduct	*-68.39*	
		For >75 To 100, Deduct	*-97.70*	
		For >100, Deduct	*-117.24*	
23 81 16 00-0031	EA	25,000 BTU, 9.4 EER, 230/208 Volt, Electric Heat, Heating And Cooling, Window Unit, Room Air-Conditioner (Frigidaire FFRH2522R2)	1,489.44	112.74
		For >10 To 50, Deduct	*-63.20*	
		For >50 To 75, Deduct	*-88.48*	
		For >75 To 100, Deduct	*-126.40*	
		For >100, Deduct	*-151.68*	
23 81 16 00-0032		Electric Heat, Heating And Cooling, Window Unit, Room Air-Conditioners (Friedrich) *(23 81 16 00-0026)*		
23 81 16 00-0033	EA	12,000 BTU, 11.3 EER, 230/208 Volt, Electric Heat, Heating And Cooling, Window Unit, Room Air-Conditioner (Friedrich ES12N33B)	2,435.77	112.74
23 81 16 00-0034		Accessories *(23 81 16 00-0001)*		
23 81 16 00-0035	SET	Aluminum Air Conditioner Unit Frame And Bracket Assembly	602.65	63.38
23 81 16 00-0036		Removal And Reinstallation Of Room Air-Conditioners *(23 81 16)*		
		Note: Includes storage and cleaning.		
23 81 16 00-0037	EA	Removal And Reinstallation Of Room Air-Conditioning Unit In Window Lower Sash	134.21	
23 81 16 00-0038	EA	Removal And Reinstallation Of Room Air-Conditioning Unit In Window Upper Sash	289.09	
23 81 16 00-0039		Through-The-Wall, Room Air-Conditioners *(23 81 16)*		
		Note: Base unit excludes wall sleeve.		
23 81 16 00-0040		Cooling Only, Through-The-Wall, Room Air-Conditioners *(23 81 16 00-0039)*		
23 81 16 00-0041		Cooling Only, Through-The-Wall, Room Air-Conditioners (Friedrich) *(23 81 16 00-0040)*		
23 81 16 00-0042	EA	8,000 BTU, 10.7 EER, 115 Volt, Cooling Only, Through-The-Wall, Room Air-Conditioner (Friedrich WS08D10A)	1,519.15	80.53
		For >10 To 50, Deduct	*-67.90*	
		For >50 To 75, Deduct	*-95.07*	
		For >75 To 100, Deduct	*-135.81*	
		For >100, Deduct	*-162.97*	
		For 27" Wide x 16-3/4" Deep x 16-3/4" High, Wall Sleeve (Friedrich WSE), Add	*266.27*	
23 81 16 00-0043	EA	9,800 BTU, 10.7 EER, 115 Volt, Cooling Only, Through-The-Wall, Room Air-Conditioner (Friedrich WS10D10B)	1,646.07	80.53
		For >10 To 50, Deduct	*-74.25*	
		For >50 To 75, Deduct	*-103.95*	
		For >75 To 100, Deduct	*-148.50*	
		For >100, Deduct	*-178.20*	
		For 27" Wide x 16-3/4" Deep x 16-3/4" High, Wall Sleeve (Friedrich WSE), Add	*266.27*	
23 81 16 00-0044	EA	12,000 BTU, 9.8 EER, 115 Volt, Cooling Only, Through-The-Wall, Room Air-Conditioner (Friedrich WS12D10A)	1,881.79	80.53
		For >10 To 50, Deduct	*-86.04*	
		For >50 To 75, Deduct	*-120.45*	
		For >75 To 100, Deduct	*-172.07*	
		For >100, Deduct	*-206.49*	
		For 27" Wide x 16-3/4" Deep x 16-3/4" High, Wall Sleeve (Friedrich WSE), Add	*266.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 81 16 00-0045	EA	10,000 BTU, 10.7 EER, 230/208 Volt, Cooling Only, Through-The-Wall, Room Air-Conditioner (Friedrich WS10D30A)	1,646.07	80.53
		For >10 To 50, Deduct	*-74.25*	
		For >50 To 75, Deduct	*-103.95*	
		For >75 To 100, Deduct	*-148.50*	
		For >100, Deduct	*-178.20*	
		For 27" Wide x 16-3/4" Deep x 16-3/4" High, Wall Sleeve (Friedrich WSE), Add	*266.27*	
23 81 16 00-0046	EA	12,000 BTU, 9.8 EER, 230/208 Volt, Cooling Only, Through-The-Wall, Room Air-Conditioner (Friedrich WS12D30A)	1,881.79	80.53
		For >10 To 50, Deduct	*-86.04*	
		For >50 To 75, Deduct	*-120.45*	
		For >75 To 100, Deduct	*-172.07*	
		For >100, Deduct	*-206.49*	
		For 27" Wide x 16-3/4" Deep x 16-3/4" High, Wall Sleeve (Friedrich WSE), Add	*266.27*	

23 81 16 00-0047 Heating And Cooling, Through-The-Wall, Room Air-Conditioners *(23 81 16 00-0039)*

23 81 16 00-0048 Electric Heat, Heating And Cooling, Through-The-Wall, Room Air-Conditioners (Friedrich) *(23 81 16 00-0047)*

23 81 16 00-0049	EA	10,000 BTU, 9.8 EER, 230/208 Volt, Heating And Cooling, Through-The-Wall, Room Air-Conditioner (Friedrich WE10D33)	1,936.18	80.53
		For >10 To 50, Deduct	*-88.76*	
		For >50 To 75, Deduct	*-124.26*	
		For >75 To 100, Deduct	*-177.51*	
		For >100, Deduct	*-213.01*	
		For 27" Wide x 16-3/4" Deep x 16-3/4" High, Wall Sleeve (Friedrich WSE), Add	*266.27*	
23 81 16 00-0050	EA	12,000 BTU, 9.8 EER, 230/208 Volt, Heating And Cooling, Through-The-Wall, Room Air-Conditioner (Friedrich WE12D33)	2,081.24	80.53
		For >10 To 50, Deduct	*-96.01*	
		For >50 To 75, Deduct	*-134.41*	
		For >75 To 100, Deduct	*-192.02*	
		For >100, Deduct	*-230.42*	
		For 27" Wide x 16-3/4" Deep x 16-3/4" High, Wall Sleeve (Friedrich WSE), Add	*266.27*	

23 81 23 Computer-Room Air-Conditioners *(23 81)*

Note: Includes equipment rigging. Indoor units include filters.

23 81 23 12 Large-Capacity, Computer-Room Air-Conditioners, Floor Mounted Units *(23 81 23)*

23 81 23 12-0001 Floor Mounted Air Cooled Direct Expansion Type *(23 81 23 12)*

Note: Includes compressor sequence switch, mode alert monitor, non-locking disconnect switch, firestat, infrared humidifier, auto flush on humidifier, two liquitect sensors, floor stand, and outdoor air cooled condenser complete with fan speed control. Excludes precharged copper pipe.

23 81 23 12-0002	EA	3 Ton Air Cooled Computer Room Air Conditioner, Direct Expansion Type Note: Includes interior unit and remote condenser. Excludes piping.	40,375.59	2,291.75
		For Liebert Unit, Add	*4,616.77*	
23 81 23 12-0003	EA	5 Ton Air Cooled Computer Room Air Conditioner, Direct Expansion Type Note: Includes interior unit and remote condenser. Excludes piping.	44,566.74	2,506.59
		For Liebert Unit, Add	*5,098.26*	
23 81 23 12-0004	EA	6 Ton Air Cooled Computer Room Air Conditioner, Direct Expansion Type Note: Includes interior unit and remote condenser. Excludes piping.	61,904.89	2,864.68
		For Liebert Unit, Add	*7,205.51*	
23 81 23 12-0005	EA	8 Ton Air Cooled Computer Room Air Conditioner, Direct Expansion Type Note: Includes interior unit and remote condenser. Excludes piping.	67,790.61	3,043.73
		For Liebert Unit, Add	*7,907.94*	
23 81 23 12-0006	EA	10 Ton Air Cooled Computer Room Air Conditioner, Direct Expansion Type Note: Includes interior unit and remote condenser. Excludes piping.	73,676.34	3,222.77
		For Liebert Unit, Add	*8,610.37*	
23 81 23 12-0007	EA	16 Ton Air Cooled Computer Room Air Conditioner, Direct Expansion Type Note: Includes interior unit and remote condenser. Excludes piping.	82,444.76	3,867.32
		For Liebert Unit, Add	*9,576.17*	
23 81 23 12-0008	EA	20 Ton Air Cooled Computer Room Air Conditioner, Direct Expansion Type Note: Includes interior unit and remote condenser. Excludes piping.	93,197.29	4,297.02
		For Liebert Unit, Add	*10,850.76*	
23 81 23 12-0009	EA	22 Ton Air Cooled Computer Room Air Conditioner, Direct Expansion Type Note: Includes interior unit and remote condenser. Excludes piping.	97,519.11	4,438.75
		For Liebert Unit, Add	*11,360.44*	
23 81 23 12-0010	EA	24 Ton Air Cooled Computer Room Air Conditioner, Direct Expansion Type Note: Includes interior unit and remote condenser. Excludes piping.	106,249.79	4,583.48
		For Liebert Unit, Add	*12,420.87*	
23 81 23 12-0011	EA	30 Ton Air Cooled Computer Room Air Conditioner, Direct Expansion Type Note: Includes interior unit and remote condenser. Excludes piping.	114,869.07	5,156.42
		For Liebert Unit, Add	*13,399.96*	

23 81 23 12-0012 Floor Mounted Chilled Water Type *(23 81 23 12)*

Note: Includes mode alert monitor, non-locking disconnect switch, firestat, infrared humidifier, auto flush on humidifier, two liquitect sensors, floor stand. Excludes chilled water source. See CSI section 23 81 23 12-0020 for chilled water source.

23 81 23 12-0013	EA	3 Ton Computer Room Air Conditioner, Chilled Water Type, Excludes Water Source	24,129.26	1,570.32
		For Liebert Unit, Add	*2,754.44*	
23 81 23 12-0014	EA	5 Ton Computer Room Air Conditioner, Chilled Water Type, Excludes Water Source	25,923.90	1,739.42
		For Liebert Unit, Add	*2,950.59*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 81 23 12-0015	EA	12 Ton Computer Room Air Conditioner, Chilled Water Type, Excludes Water Source	32,006.86	2,649.40
		For Liebert Unit, Add	*3,559.29*	
23 81 23 12-0016	EA	16 Ton Computer Room Air Conditioner, Chilled Water Type, Excludes Water Source	33,473.13	2,684.30
		For Liebert Unit, Add	*3,736.81*	
23 81 23 12-0017	EA	20 Ton Computer Room Air Conditioner, Chilled Water Type, Excludes Water Source	34,758.06	2,791.67
		For Liebert Unit, Add	*3,877.69*	
23 81 23 12-0018	EA	22 Ton Computer Room Air Conditioner, Chilled Water Type, Excludes Water Source	35,552.48	3,060.10
		For Liebert Unit, Add	*3,934.04*	
23 81 23 12-0019	EA	31 Ton Computer Room Air Conditioner, Chilled Water Type, Excludes Water Source	37,704.73	3,328.53
		For Liebert Unit, Add	*4,159.46*	

23 81 23 12-0020 Floor Mounted Water Source *(23 81 23 12)*

Note: Includes mode alert monitor, non-locking disconnect switch, firestat, infrared humidifier, auto flush on humidifier, two liquitect sensors, floor stand. Excludes water source.

23 81 23 12-0021	EA	3 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit	18,641.09	1,432.34
		For Liebert Unit, Add	*2,062.56*	
23 81 23 12-0022	EA	5 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit	20,525.64	1,503.96
		For Liebert Unit, Add	*2,284.69*	
23 81 23 12-0023	EA	6 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit	26,661.17	1,575.58
		For Liebert Unit, Add	*3,038.32*	
23 81 23 12-0024	EA	8 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit	28,728.01	1,718.81
		For Liebert Unit, Add	*3,268.37*	
23 81 23 12-0025	EA	9 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit	30,231.75	1,790.64
		For Liebert Unit, Add	*3,442.90*	
23 81 23 12-0026	EA	10 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit	31,735.50	1,862.04
		For Liebert Unit, Add	*3,617.42*	
23 81 23 12-0027	EA	12 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit	32,970.83	2,005.27
		For Liebert Unit, Add	*3,744.35*	
23 81 23 12-0028	EA	16 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit	34,419.63	2,148.51
		For Liebert Unit, Add	*3,903.01*	
23 81 23 12-0029	EA	20 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit	35,439.87	2,291.75
		For Liebert Unit, Add	*4,005.25*	
23 81 23 12-0030	EA	25 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit	40,452.86	2,721.44
		For Liebert Unit, Add	*4,548.22*	
23 81 23 12-0031	EA	30 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit	48,411.19	2,984.08
		For Liebert Unit, Add	*5,492.17*	

23 81 23 12-0032 Floor Mounted Glycol System Type *(23 81 23 12)*

Note: Includes mode alert monitor, non-locking disconnect switch, firestat, infrared humidifier, auto flush on humidifier, two liquitect sensors, floor stand. Excludes chilled water source. See CSI section 23 81 23 12-0020 for water source.

23 81 23 12-0033	EA	3 Ton Computer Room Air Conditioner, Glycol System Type	49,337.75	1,570.32
		For Drycooler, Add	*17,582.28*	
		Note: Installation is externally mounted.		
		For Integrated Fluid Econocoil (Economizer Functionality), Add	*8,700.00*	
23 81 23 12-0034	EA	5 Ton Computer Room Air Conditioner, Glycol System Type	53,078.58	1,739.42
		For Drycooler, Add	*18,925.39*	
		Note: Installation is externally mounted.		
		For Integrated Fluid Econocoil (Economizer Functionality), Add	*8,700.00*	
23 81 23 12-0035	EA	6 Ton Computer Room Air Conditioner, Glycol System Type	69,519.42	1,948.80
		For Drycooler, Add	*24,721.56*	
		Note: Installation is externally mounted.		
		For Integrated Fluid Econocoil (Economizer Functionality), Add	*8,700.00*	
23 81 23 12-0036	EA	8 Ton Computer Room Air Conditioner, Glycol System Type	80,456.95	2,158.18
		For Drycooler, Add	*28,591.57*	
		Note: Installation is externally mounted.		
		For Integrated Fluid Econocoil (Economizer Functionality), Add	*8,700.00*	
23 81 23 12-0037	EA	9 Ton Computer Room Air Conditioner, Glycol System Type	85,008.35	2,262.86
		For Drycooler, Add	*30,205.50*	
		Note: Installation is externally mounted.		
		For Integrated Fluid Econocoil (Economizer Functionality), Add	*8,700.00*	
23 81 23 12-0038	EA	10 Ton Computer Room Air Conditioner, Glycol System Type	90,796.89	2,367.54
		For Drycooler, Add	*32,252.42*	
		Note: Installation is externally mounted.		
		For Integrated Fluid Econocoil (Economizer Functionality), Add	*8,700.00*	
23 81 23 12-0039	EA	12 Ton Computer Room Air Conditioner, Glycol System Type	96,971.72	2,472.77
		For Drycooler, Add	*34,434.55*	
		Note: Installation is externally mounted.		
		For Integrated Fluid Econocoil (Economizer Functionality), Add	*8,700.00*	
23 81 23 12-0040	EA	15 Ton Computer Room Air Conditioner, Glycol System Type	104,145.50	2,566.19
		For Drycooler, Add	*36,966.31*	
		Note: Installation is externally mounted.		
		For Integrated Fluid Econocoil (Economizer Functionality), Add	*8,700.00*	
23 81 23 12-0041	EA	16 Ton Computer Room Air Conditioner, Glycol System Type	110,923.86	2,684.30
		For Drycooler, Add	*39,362.89*	
		Note: Installation is externally mounted.		
		For 10 HP Gylcol Pump, Add	*21,500.00*	
		For Remote Pump Control Panel, Add	*7,630.00*	
		For Integrated Fluid Econocoil (Economizer Functionality), Add	*8,700.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 81 23 12-0042	EA	20 Ton Computer Room Air Conditioner, Glycol System Type	121,723.56	2,791.67
		For Drycooler, Add	*43,163.73*	
		Note: Installation is externally mounted.		
		For 10 HP Gylcol Pump, Add	*21,500.00*	
		For Remote Pump Control Panel, Add	*7,630.00*	
		For Integrated Fluid Econocoil (Economizer Functionality), Add	*8,700.00*	
23 81 23 12-0043	EA	22 Ton Computer Room Air Conditioner, Glycol System Type	126,132.11	3,060.10
		For Drycooler, Add	*44,758.26*	
		Note: Installation is externally mounted.		
		For 10 HP Gylcol Pump, Add	*21,500.00*	
		For Remote Pump Control Panel, Add	*7,630.00*	
		For Integrated Fluid Econocoil (Economizer Functionality), Add	*8,700.00*	
23 81 23 12-0044	EA	30 Ton Computer Room Air Conditioner, Glycol System Type	153,898.67	3,328.53
		For Drycooler, Add	*54,528.90*	
		Note: Installation is externally mounted.		
		For 10 HP Gylcol Pump, Add	*21,500.00*	
		For Remote Pump Control Panel, Add	*7,630.00*	
		For Integrated Fluid Econocoil (Economizer Functionality), Add	*8,700.00*	

23 81 23 12-0045 Removal And Reinstallation Of Computer Room Unit *(23 81 23 12)*

Note: Includes storage and cleaning. Excludes main mechanical piping. Reconnection of existing valves are included.

23 81 23 12-0046	EA	Removal And Reinstallation Up To 6 Ton, Floor Mounted Chilled Water Computer Room Unit	2,147.44
23 81 23 12-0047	EA	Removal And Reinstallation Up To 6 Ton Direct Expansion Computer Room Unit	1,789.53

23 81 23 13 Computer-Room Air-Conditioners, Ceiling Mounted Units *(23 81 23)*

23 81 23 13-0001 Ceiling Mounted Packaged Computer Room Air Conditioner *(23 81 23 13)*

Note: Includes compressor sequence switch, mode alert monitor, non-locking disconnect switch, firestat, infrared humidifier, auto flush on humidifier, two liquitect sensors, floor stand, and outdoor air cooled condenser complete with fan speed control.

23 81 23 13-0002	EA	1 Ton Packaged Computer Room Air Conditioner, Ceiling Mounted, Split System	16,069.38	680.74
		For Liebert Unit, Add	*1,881.09*	
23 81 23 13-0003	EA	1.5 Ton Packaged Computer Room Air Conditioner, Ceiling Mounted, Split System	17,753.06	817.53
		For Liebert Unit, Add	*2,065.92*	
23 81 23 13-0004	EA	2 Ton Packaged Computer Room Air Conditioner, Ceiling Mounted, Split System	20,256.44	1,023.15
		For Liebert Unit, Add	*2,340.32*	
23 81 23 13-0005	EA	3 Ton Packaged Computer Room Air Conditioner, Ceiling Mounted, Split System	24,902.55	1,193.66
		For Liebert Unit, Add	*2,889.13*	
23 81 23 13-0006	EA	5 Ton Packaged Computer Room Air Conditioner, Ceiling Mounted, Split System	33,839.06	1,297.37
		For Liebert Unit, Add	*3,986.74*	

23 81 26 Split-System Air-Conditioners *(23 81)*

23 81 26 13 Small-Capacity Split-System Air-Conditioners *(23 81 26)*

23 81 26 13-0001 Split System A/C Unit *(23 81 26 13)*

See CSI section 22 07 19 00-1190 for insulation, 23 23 16 00-0001 for piping, 23 54 00 00-0000 for furnaces.

23 81 26 13-0002 Ductless Split System Air Conditioners *(23 81 26 13-0001)*

Note: Excludes refrigerant piping, electrical, and pad. Panasonic units or equal. See CSI section 23 81 49 00-0025 for ductless heat pumps.

23 81 26 13-0003 Wall Mounted Ductless Split System Air Conditioners *(23 81 26 13-0002)*

23 81 26 13-0004	EA	9,000 BTU, 16 SEER, Wall Mounted Ductless Split System Air Conditioners Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	2,157.54	354.32
23 81 26 13-0005	EA	11,900 BTU, 17 SEER, Wall Mounted Ductless Split System Air Conditioner Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	2,335.92	386.53
23 81 26 13-0006	EA	17,500 BTU, 20 SEER, Wall Mounted Ductless Split System Air Conditioners Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	2,919.99	429.49
23 81 26 13-0007	EA	24,200 BTU, 17 SEER, Wall Mounted Ductless Split System Air Conditioners Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	3,243.72	472.44
23 81 26 13-0008	EA	25,200 BTU, 14.9 SEER, Wall Mounted Ductless Split System Air Conditioners Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	4,996.33	515.39
23 81 26 13-0009	EA	29,800 BTU, 15 SEER, Wall Mounted Ductless Split System Air Conditioners Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	5,816.98	536.86
23 81 26 13-0010	EA	31,400 BTU, 15.9 SEER, Wall Mounted Ductless Split System Air Conditioners Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	6,382.28	572.29

23 81 26 13-0011 Dual and Tri Zone Wall Mounted Ductless Split System Air Conditioners *(23 81 26 13-0002)*

Note: Use this section only when matching indoor and outdoor capacity units are not used.

23 81 26 13-0012	EA	7,500 BTU Indoor Unit, Wall Mounted Ductless Split System Air Conditioners Note: Includes indoor unit and wireless thermostat.	929.79	171.80
23 81 26 13-0013	EA	9,000 BTU Indoor Unit, Wall Mounted Ductless Split System Air Conditioners Note: Includes indoor unit and wireless thermostat.	982.67	182.54
23 81 26 13-0014	EA	11,900 BTU Indoor Unit, Wall Mounted Ductless Split System Air Conditioners Note: Includes indoor unit and wireless thermostat.	1,036.44	193.27
23 81 26 13-0015	EA	17,500 BTU Indoor Unit, Wall Mounted Ductless Split System Air Conditioners Note: Includes indoor unit and wireless thermostat.	1,171.92	204.01
23 81 26 13-0016	EA	24,200 BTU Indoor Unit, Wall Mounted Ductless Split System Air Conditioners Note: Includes indoor unit and wireless thermostat.	1,253.52	214.75

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 81 26 13-0017	EA	19,700 BTU, 16.5 SEER, Outdoor Unit, Wall Mounted Ductless Split System Air Conditioners Note: Includes outdoor unit and refrigerant charge.	2,574.62	257.69
23 81 26 13-0018	EA	25,400 BTU, 16.2 SEER, Outdoor Unit, Wall Mounted Ductless Split System Air Conditioners Note: Includes outdoor unit and refrigerant charge.	2,848.26	279.17
23 81 26 13-0019	EA	30,600 BTU, 17.6 SEER, Outdoor Unit, Wall Mounted Ductless Split System Air Conditioners Note: Includes outdoor unit and refrigerant charge.	4,504.39	300.64
23 81 26 13-0020		**Suspended Ceiling Mounted Ductless Split System Air Conditioners** *(23 81 26 13-0002)* Note: Excludes hangers.		
23 81 26 13-0021	EA	24,400 BTU, 14.5 SEER, Ceiling Suspended Ductless Split System Air Conditioners Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	5,349.44	515.39
23 81 26 13-0022	EA	31,200 BTU, 15.1 SEER, Ceiling Suspended Ductless Split System Air Conditioners Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	6,519.25	615.24
23 81 26 13-0023	EA	39,000 BTU, 15.6 SEER, Ceiling Suspended Ductless Split System Air Conditioners Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	7,956.29	644.23
23 81 26 13-0024		**Recessed Ceiling Mounted Ductless Split System Air Conditioners** *(23 81 26 13-0002)* Note: Excludes hangers.		
23 81 26 13-0025	EA	11,900 BTU, 16 SEER, Ceiling Recessed Ductless Split System Air Conditioners Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	3,283.57	429.49
23 81 26 13-0026	EA	17,500 BTU, 16 SEER, Ceiling Recessed Ductless Split System Air Conditioners Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	3,828.15	472.44
23 81 26 13-0027	EA	24,800 BTU, 14.1 SEER, Ceiling Recessed Ductless Split System Air Conditioners Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	5,322.15	558.33
23 81 26 13-0028	EA	32,600 BTU, 14.6 SEER, Ceiling Recessed Ductless Split System Air Conditioners Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	6,160.16	615.24
23 81 26 13-0029	EA	39,500 BTU, 14.6 SEER, Ceiling Recessed Ductless Split System Air Conditioners Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	7,776.74	644.23
23 81 26 13-0030		**Ductless Split System Accessories** *(23 81 26 13-0002)*		
23 81 26 13-0031	LF	3" Line Set Cover, Rigid Polyvinyl Chloride (PVC) Line Set Covers	13.69	1.54
23 81 26 13-0032	LF	4" Line Set Cover, Rigid Polyvinyl Chloride (PVC) Line Set Covers	17.76	1.69
23 81 26 13-0033	LF	6" Line Set Cover, Rigid Polyvinyl Chloride (PVC) Line Set Covers	22.25	1.86
23 81 26 13-0034	EA	3" Union Coupling, Rigid Polyvinyl Chloride (PVC) Line Set Covers	22.80	2.89
23 81 26 13-0035	EA	4" Union Coupling, Rigid Polyvinyl Chloride (PVC) Line Set Covers	40.12	3.17
23 81 26 13-0036	EA	6" Union Coupling, Rigid Polyvinyl Chloride (PVC) Line Set Covers	45.77	3.49
23 81 26 13-0037	EA	3" 90 Degree Elbow, Rigid Polyvinyl Chloride (PVC) Line Set Covers	57.38	5.77
23 81 26 13-0038	EA	4" 90 Degree Elbow, Rigid Polyvinyl Chloride (PVC) Line Set Covers	96.68	6.34
23 81 26 13-0039	EA	6" 90 Degree Elbow, Rigid Polyvinyl Chloride (PVC) Line Set Covers	108.00	6.98
23 81 26 13-0040	EA	3" 90 Degree Long Radius Elbow, Rigid Polyvinyl Chloride (PVC) Line Set Covers	77.33	6.15
23 81 26 13-0041	EA	4" 90 Degree Long Radius Elbow, Rigid Polyvinyl Chloride (PVC) Line Set Covers	90.93	6.77
23 81 26 13-0042	EA	6" 90 Degree Long Radius Elbow, Rigid Polyvinyl Chloride (PVC) Line Set Covers	142.28	7.45
23 81 26 13-0043	EA	3" 45 Degree Elbow, Rigid Polyvinyl Chloride (PVC) Line Set Covers	57.38	5.77
23 81 26 13-0044	EA	4" 45 Degree Elbow, Rigid Polyvinyl Chloride (PVC) Line Set Covers	96.68	6.34
23 81 26 13-0045	EA	6" 45 Degree Elbow, Rigid Polyvinyl Chloride (PVC) Line Set Covers	108.00	6.98
23 81 26 13-0046	EA	3" Wall Penetration Cover, Rigid Polyvinyl Chloride (PVC) Line Set Covers	73.73	9.62
23 81 26 13-0047	EA	4" Wall Penetration Cover, Rigid Polyvinyl Chloride (PVC) Line Set Covers	109.51	10.58
23 81 26 13-0048	EA	6" Wall Penetration Cover, Rigid Polyvinyl Chloride (PVC) Line Set Covers	131.50	11.64
23 81 26 13-0049	EA	2-1/2" Wall Sleeve, Rigid Polyvinyl Chloride (PVC) Line Set Covers	43.37	1.92
23 81 26 13-0050	EA	3" x 20" Flexible Joint, Rigid Polyvinyl Chloride (PVC) Line Set Covers	45.64	5.77
23 81 26 13-0051	EA	4" x 20' Flexible Joint, Rigid Polyvinyl Chloride (PVC) Line Set Covers	75.55	6.34
23 81 26 13-0052	EA	3" Duct End Termination, Rigid Polyvinyl Chloride (PVC) Line Set Covers	40.94	5.77
23 81 26 13-0053	EA	4" Duct End Termination, Rigid Polyvinyl Chloride (PVC) Line Set Covers	56.77	6.34
23 81 26 13-0054	EA	6" Duct End Termination, Rigid Polyvinyl Chloride (PVC) Line Set Covers	61.04	6.98
23 81 26 13-0055	EA	4" T Joint, Rigid Polyvinyl Chloride (PVC) Line Set Covers	208.77	7.69
23 81 26 13-0056	EA	6" T Joint, Rigid Polyvinyl Chloride (PVC) Line Set Covers	236.92	8.47
23 81 26 13-0057	EA	14" Condensing Unit Mounting Blocks With End Caps	120.28	28.86
23 81 26 13-0058	EA	17" Condensing Unit Mounting Blocks With End Caps	133.15	30.78
23 81 26 13-0059	EA	36" Condensing Unit Mounting Blocks With End Caps	185.94	32.70
23 81 26 13-0060	EA	End Cap, Set of 4	23.45	
23 81 26 13-0061	EA	18" Condensing Unit Type 2 Wall Bracket, 165 LB Capacity	257.14	57.70
23 81 26 13-0062	EA	21" Condensing Unit Type 2 Wall Bracket, 220 LB Capacity	272.81	61.55
23 81 26 13-0063	LF	5/8" ID Condensate Drain Line	3.07	0.15
23 81 26 13-0064	LF	3/4" ID Condensate Drain Line	3.18	0.15
23 81 26 13-0065		**Cased A/C Evaporator Coils** *(23 81 26 13-0001)*		
23 81 26 13-0066		**Vertical Cased A/C Evaporator Coils** *(23 81 26 13-0065)*		
23 81 26 13-0067	EA	1-1/2 Ton Vertical Cased A/C Evaporator Coil	813.69	115.24
23 81 26 13-0068	EA	2 Ton Vertical Cased A/C Evaporator Coil	847.30	123.89
23 81 26 13-0069	EA	2-1/2 Ton Vertical Cased A/C Evaporator Coil	1,013.89	132.53
23 81 26 13-0070	EA	3 Ton Vertical Cased A/C Evaporator Coil	1,159.50	141.18
23 81 26 13-0071	EA	3-1/2 Ton Vertical Cased A/C Evaporator Coil	1,348.32	146.94
23 81 26 13-0072	EA	4 Ton Vertical Cased A/C Evaporator Coil	1,509.14	152.70
23 81 26 13-0073	EA	4-1/2 Ton Vertical Cased A/C Evaporator Coil	1,620.84	164.23
23 81 26 13-0074	EA	5 Ton Vertical Cased A/C Evaporator Coil	1,628.82	172.87

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 81 26 13-0075		**"A" Style Horizontal Cased A/C Evaporator Coils** *(23 81 26 13-0065)*		
23 81 26 13-0076	EA	2 Ton "A" Style Horizontal Cased A/C Evaporator Coil	1,006.08	118.13
23 81 26 13-0077	EA	2-1/2 Ton "A" Style Horizontal Cased A/C Evaporator Coil	1,161.59	124.75
23 81 26 13-0078	EA	3 Ton "A" Style Horizontal Cased A/C Evaporator Coil	1,334.69	132.53
23 81 26 13-0079	EA	3-1/2 Ton "A" Style Horizontal Cased A/C Evaporator Coil	1,382.73	137.31
23 81 26 13-0080	EA	4 Ton "A" Style Horizontal Cased A/C Evaporator Coil	1,447.54	144.06
23 81 26 13-0081	EA	4-1/2 Ton "A" Style Horizontal Cased A/C Evaporator Coil	1,462.67	151.54
23 81 26 13-0082	EA	5 Ton "A" Style Horizontal Cased A/C Evaporator Coil	1,477.51	159.03
23 81 26 13-0083		**Slab Style Horizontal Cased A/C Evaporator Coils** *(23 81 26 13-0065)*		
23 81 26 13-0084	EA	2 Ton Slab Style Horizontal Cased A/C Evaporator Coil	873.11	118.13
23 81 26 13-0085	EA	3 Ton Slab Style Horizontal Cased A/C Evaporator Coil	1,052.41	132.53
23 81 26 13-0086	EA	4 Ton Slab Style Horizontal Cased A/C Evaporator Coil	1,218.91	144.06
23 81 26 13-0087	EA	5 Ton Slab Style Horizontal Cased A/C Evaporator Coil	1,475.18	159.03
23 81 26 16		**Large-Capacity Split-System Air-Conditioners** *(23 81 26)*		
23 81 26 16-0001		**Split System Air Conditioners, Variable Refrigerant Flow (Mitsubishi City Multi)** *(23 81 26 16)*		
23 81 26 16-0002		**Outdoor Units** *(23 81 26 16-0001)*		
23 81 26 16-0003	EA	6 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P72YKMU-A)	17,041.04	563.70
23 81 26 16-0004	EA	8 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P96YKMU-A)	18,464.03	671.07
23 81 26 16-0005	EA	10 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P120YKMU-A)	20,777.17	805.29
23 81 26 16-0006	EA	12 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P144YKMU-A)	25,612.17	832.13
23 81 26 16-0007	EA	12 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P144YSKMU-A)	34,123.53	858.97
23 81 26 16-0008	EA	14 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P168YSKMU-A)	35,385.45	885.82
23 81 26 16-0009	EA	16 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P192YSKMU-A)	36,647.38	912.66
23 81 26 16-0010	EA	18 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P216YSKMU-A)	38,799.46	966.34
23 81 26 16-0011	EA	20 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P240YSKMU-A)	40,951.55	1,020.04
23 81 26 16-0012	EA	22 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P264YSKMU-A)	45,840.25	1,073.72
23 81 26 16-0013	EA	24 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P288YSKMU-A)	50,728.94	1,127.40
23 81 26 16-0014		**Indoor Units** *(23 81 26 16-0001)*		
23 81 26 16-0015	EA	6 MBH Cooling, 6.7 MBH Heating Wall Mounted Indoor Unit (Mitsubishi PKFY-P06NBMU-E2)	1,743.08	174.48
23 81 26 16-0016	EA	8 MBH Cooling, 9 MBH Heating Wall Mounted Indoor Unit (Mitsubishi PKFY-P08NHMU-E2)	1,831.88	187.90
23 81 26 16-0017	EA	12 MBH Cooling, 13.5 MBH Heating Wall Mounted Indoor Unit (Mitsubishi PKFY-P12NHMU-E2)	1,910.36	201.33
23 81 26 16-0018	EA	15 MBH Cooling, 17 MBH Heating Wall Mounted Indoor Unit (Mitsubishi PKFY-P15NHMU-E2)	2,004.33	214.75
23 81 26 16-0019	EA	18 MBH Cooling, 20 MBH Heating Wall Mounted Indoor Unit (Mitsubishi PKFY-P18NHMU-E2)	2,167.48	255.01
23 81 26 16-0020	EA	24 MBH Cooling, 27 MBH Heating Wall Mounted Indoor Unit (Mitsubishi PKFY-P24NKMU-E2)	2,416.32	308.69
23 81 26 16-0021	EA	30 MBH Cooling, 34 MBH Heating Wall Mounted Indoor Unit (Mitsubishi PKFY-P30NKMU-E2)	2,617.68	335.53
23 81 26 16-0022	EA	6 MBH Cooling, 6.7 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P06NMAU-E3)	2,536.99	191.93
23 81 26 16-0023	EA	8 MBH Cooling, 9 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P08NMAU-E3)	2,623.32	206.69
23 81 26 16-0024	EA	12 MBH Cooling, 13.5 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P12NMAU-E3)	2,766.45	221.46
23 81 26 16-0025	EA	15 MBH Cooling, 17 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P15NMAU-E3)	3,002.51	236.22
23 81 26 16-0026	EA	18 MBH Cooling, 20 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P18NMAU-E3)	3,163.38	280.51
23 81 26 16-0027	EA	24 MBH Cooling, 27 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P24NMAU-E3)	3,467.36	339.56
23 81 26 16-0028	EA	27 MBH Cooling, 30 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P27NMAU-E3)	3,646.64	354.32
23 81 26 16-0029	EA	30 MBH Cooling, 34 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P30NMAU-E3)	3,846.57	369.09
23 81 26 16-0030	EA	36 MBH Cooling, 40 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P36NMAU-E3)	4,266.32	406.00
23 81 26 16-0031	EA	48 MBH Cooling, 54 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P48NMAU-E3)	4,729.62	446.60
23 81 26 16-0032	EA	54 MBH Cooling, 60 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P54NMAU-E3)	5,118.41	491.26
23 81 26 16-0033	EA	72 MBH Cooling, 80 MBH Heating Ceiling Concealed High Static Ducted Indoor Unit (Mitsubishi PEFY-P72NMHSU-E)	6,502.35	540.39
23 81 26 16-0034	EA	96 MBH Cooling, 108 MBH Heating Ceiling Concealed High Static Ducted Indoor Unit (Mitsubishi PEFY-P96NMHSU-E)	7,384.95	594.42
23 81 26 16-0035	EA	12 MBH Cooling, 13.5 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Mitsubishi PLFY-EP12NEMU-E)	2,883.14	221.46
23 81 26 16-0036	EA	15 MBH Cooling, 17 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Mitsubishi PLFY-EP15NEMU-E)	3,039.69	236.22
23 81 26 16-0037	EA	18 MBH Cooling, 20 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Mitsubishi PLFY-EP18NEMU-E)	3,203.66	280.51
23 81 26 16-0038	EA	24 MBH Cooling, 27 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Mitsubishi PLFY-EP24NEMU-E)	3,587.15	339.56
23 81 26 16-0039	EA	30 MBH Cooling, 34 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Mitsubishi PLFY-EP30NEMU-E)	3,864.12	369.09
23 81 26 16-0040	EA	36 MBH Cooling, 40 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Mitsubishi PLFY-EP36NEMU-E)	4,736.19	406.01
23 81 26 16-0041	EA	6 MBH Cooling, 6.7 MBH Heating 1-Way Ceiling Recessed Cassette With Grille (Mitsubishi PMFY-P06NBMU-ER5)	2,593.79	191.93
23 81 26 16-0042	EA	8 MBH Cooling, 9 MBH Heating 1-Way Ceiling Recessed Cassette With Grille (Mitsubishi PMFY-P08NBMU-ER5)	2,726.59	206.69
23 81 26 16-0043	EA	12 MBH Cooling, 13.5 MBH Heating 1-Way Ceiling Recessed Cassette With Grille (Mitsubishi PMFY-P12NBMU-ER5)	2,931.68	221.46
23 81 26 16-0044	EA	15 MBH Cooling, 17 MBH Heating 1-Way Ceiling Recessed Cassette With Grille (Mitsubishi PMFY-P15NBMU-ER5)	3,085.13	236.22
23 81 26 16-0045	EA	8 MBH Cooling, 9 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Mitsubishi PLFY-P08NCMU-ER4)	2,396.13	206.69
23 81 26 16-0046	EA	12 MBH Cooling, 13.5 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Mitsubishi PLFY-P12NCMU-ER4)	2,518.60	221.46

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 81 26 16-0047	EA	15 MBH Cooling, 17 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Mitsubishi PLFY-P15NCMU-ER4)	2,646.24	236.22
23 81 26 16-0048		**Controllers For Outdoor Units** *(23 81 26 16-0001)*		
23 81 26 16-0049	EA	8 Branch (Main BC) (Mitsubishi CMB-P108NU-HA1)	9,254.82	161.06
23 81 26 16-0050	EA	10 Branch (Main BC) (Mitsubishi CMB-P1010NU-HA1)	10,702.63	187.90
23 81 26 16-0051	EA	13 Branch (Main BC) (Mitsubishi CMB-P1013NU-GA)	11,825.14	214.75
23 81 26 16-0052	EA	16 Branch (Main BC) (Mitsubishi CMB-P1016NU-HA)	14,037.14	241.59
23 81 26 16-0053	EA	4 Branch (Sub BC) (Mitsubishi CMB-P104NU-GB)	5,156.14	107.37
23 81 26 16-0054	EA	8 Branch (Sub BC) (Mitsubishi CMB-P108NU-GB)	7,943.31	161.06
23 81 26 16-0055	EA	16 Branch (Sub BC) (Mitsubishi CMB-P1016NU-HB)	12,142.17	241.59
23 81 26 16-0056		**Energy Recovery Units** *(23 81 26 16-0001)*		
23 81 26 16-0057	EA	36.2 MBH Cooling, 39.9 MBH Heating Hydronic Heat Exchanger Auxiliary Unit (Mitsubishi PWFY-P36NMU-E2-AU)	6,538.86	161.06
23 81 26 16-0058	EA	39.9 MBH Hydronic Heat Exchanger Booster Unit (Mitsubishi PWFY-P36NMU-E-BU)	12,404.50	161.06
23 81 26 16-0059	EA	112 MBH Cooling, 61.4 MBH Heating Reheat Unit (Mitsubishi PEFY-AF1200CFMR)	12,576.95	187.90
23 81 26 16-0060	EA	Lossnay Energy Recovery Ventilator ERV, 300 CFM (Mitsubishi LGH-F300RX5-E)	2,591.97	134.21
23 81 26 16-0061	EA	Lossnay Energy Recovery Ventilator ERV, 470 CFM (Mitsubishi LGH-F470RX5-E)	3,310.09	139.58
23 81 26 16-0062	EA	Lossnay Energy Recovery Ventilator ERV, 600 CFM (Mitsubishi LGH-F600RX5-E)	3,950.76	144.96
23 81 26 16-0063	EA	Lossnay Energy Recovery Ventilator ERV, 1,200 CFM (Mitsubishi LGH-F1200RX5-E1)	7,225.59	161.06
23 81 26 16-0064		**Piping Specialties** *(23 81 26 16-0001)*		
23 81 26 16-0065	EA	Maintenance Tool Interface (Mitsubishi CMS-MNG-E)	919.09	
23 81 26 16-0066	EA	Branch Joint (Mitsubishi CMY-Y102SS-G2)	241.19	43.72
23 81 26 16-0067	EA	Branch Joint (Mitsubishi CMY-Y102LS-G2)	241.19	43.72
23 81 26 16-0068	EA	Branch Joint (Mitsubishi CMY-Y202S-G2)	267.60	46.03
23 81 26 16-0069	EA	Branch Joint (Mitsubishi CMY-Y302S-G2)	335.90	51.78
23 81 26 16-0070	EA	Header - 4 Branch (Mitsubishi CMY-Y64-G-E)	438.73	74.78
23 81 26 16-0071	EA	Header - 8 Branch (Mitsubishi CMY-Y68-G-E)	743.20	149.58
23 81 26 16-0072	EA	Refrigeration Ball Valve-Flare/Schrader/Insulated - 3/8" (Mitsubishi BV38FFSI)	134.91	18.41
23 81 26 16-0073	EA	Refrigeration Ball Valve-Flare/Schrader/Insulated - 5/8" (Mitsubishi BV58FFSI)	151.83	25.31

23 81 43 Air-Source Unitary Heat Pumps *(23 81)*

23 81 43 00-0001 Single Package Thru-Wall Heat Pumps *(23 81 43)*

Note: Air-to-air type with electric heat. Includes throwaway filters. Through the wall units are wired for 230/208 Volt, 1 phase, 60 HZ. With electronic controls, thermostat, cord and NEMA plug. Units are shipped fully factory assembled in one piece, prewired, prepiped and charged with refrigerant, complete with push button controls all mounted in a steel cabinet, wall sleeve and outdoor grille. Excludes crane and associated personnel.

23 81 43 00-0002	EA	1/2 Ton Single Package Heat Pump, Air To Air Type With Electric Heat	2,206.76	174.51
		For Unit Economizer, Add	*295.45*	
		For >35 To 70, Deduct	*-56.08*	
		For >70 To 100, Deduct	*-93.47*	
		For >100, Deduct	*-130.86*	
		For Low Ambient Protection, 0 Degree F, Add	*252.59*	
23 81 43 00-0003	EA	1 Ton Single Package Heat Pump, Air To Air Type With Electric Heat	2,437.74	186.16
		For Unit Economizer, Add	*326.86*	
		For >35 To 70, Deduct	*-62.31*	
		For >70 To 100, Deduct	*-103.85*	
		For >100, Deduct	*-145.39*	
		For Low Ambient Protection, 0 Degree F, Add	*277.10*	
23 81 43 00-0004	EA	1-1/2 Ton Single Package Heat Pump, Air To Air Type With Electric Heat	4,182.48	186.16
		For Unit Economizer, Add	*571.12*	
		For >35 To 70, Deduct	*-114.65*	
		For >70 To 100, Deduct	*-191.09*	
		For >100, Deduct	*-267.53*	
		For Low Ambient Protection, 0 Degree F, Add	*434.13*	
23 81 43 00-0005	EA	2 Ton Single Package Heat Pump, Air To Air Type With Electric Heat	4,579.61	186.16
		For Unit Economizer, Add	*625.79*	
		For >35 To 70, Deduct	*-125.87*	
		For >70 To 100, Deduct	*-209.78*	
		For >100, Deduct	*-293.70*	
		For Low Ambient Protection, 0 Degree F, Add	*221.85*	
23 81 43 00-0006	EA	2-1/2 Ton Single Package Heat Pump, Air To Air Type With Electric Heat	5,184.47	197.79
		For Unit Economizer, Add	*709.54*	
		For >35 To 70, Deduct	*-143.32*	
		For >70 To 100, Deduct	*-238.86*	
		For >100, Deduct	*-334.41*	
		For Low Ambient Protection, 0 Degree F, Add	*245.12*	
23 81 43 00-0007	EA	3 Ton Single Package Heat Pump, Air To Air Type With Electric Heat	5,433.72	209.42
		For Unit Economizer, Add	*744.43*	
		For >35 To 70, Deduct	*-150.80*	
		For >70 To 100, Deduct	*-251.33*	
		For >100, Deduct	*-351.86*	
		For Low Ambient Protection, 0 Degree F, Add	*755.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 81 43 00-0008	EA	3-1/2 Ton Single Package Heat Pump, Air To Air Type With Electric Heat	6,121.65	209.42
		For Unit Economizer, Add	*839.81*	
		For >35 To 70, Deduct	*-170.74*	
		For >70 To 100, Deduct	*-284.56*	
		For >100, Deduct	*-398.38*	
		For Low Ambient Protection, 0 Degree F, Add	*847.47*	
23 81 43 00-0009	EA	4 Ton Single Package Heat Pump, Air To Air Type With Electric Heat	6,756.40	221.05
		For Unit Economizer, Add	*928.21*	
		For >35 To 70, Deduct	*-189.43*	
		For >70 To 100, Deduct	*-315.71*	
		For >100, Deduct	*-442.00*	
		For Low Ambient Protection, 0 Degree F, Add	*931.39*	
23 81 43 00-0010	EA	5 Ton Single Package Heat Pump, Air To Air Type With Electric Heat	7,781.65	255.96
		For Unit Economizer, Add	*1,068.95*	
		For >35 To 70, Deduct	*-218.09*	
		For >70 To 100, Deduct	*-363.49*	
		For >100, Deduct	*-508.88*	
		For Low Ambient Protection, 0 Degree F, Add	*1,073.04*	
23 81 43 00-0011	EA	7-1/2 Ton Single Package Heat Pump, Air To Air Type With Electric Heat	14,283.74	302.49
		For Unit Economizer, Add	*1,975.06*	
		For >35 To 70, Deduct	*-410.01*	
		For >70 To 100, Deduct	*-683.36*	
		For >100, Deduct	*-956.70*	
		For Low Ambient Protection, 0 Degree F, Add	*1,930.88*	
23 81 43 00-0012	EA	10 Ton Single Package Heat Pump, Air To Air Type With Electric Heat	18,393.06	383.93
		For Unit Economizer, Add	*2,543.85*	
		For >35 To 70, Deduct	*-528.41*	
		For >70 To 100, Deduct	*-880.68*	
		For >100, Deduct	*-1,232.95*	
		For Low Ambient Protection, 0 Degree F, Add	*371.01*	
23 81 43 00-0013	EA	12-1/2 Ton Single Package Heat Pump, Air To Air Type With Electric Heat	22,462.48	430.48
		For Unit Economizer, Add	*3,110.31*	
		For >35 To 70, Deduct	*-648.05*	
		For >70 To 100, Deduct	*-1,080.08*	
		For >100, Deduct	*-1,512.11*	
		For Low Ambient Protection, 0 Degree F, Add	*431.25*	
23 81 43 00-0014	EA	15 Ton Single Package Heat Pump, Air To Air Type With Electric Heat	27,718.32	488.65
		For Unit Economizer, Add	*3,841.94*	
		For >35 To 70, Deduct	*-802.58*	
		For >70 To 100, Deduct	*-1,337.63*	
		For >100, Deduct	*-1,872.69*	
		For Low Ambient Protection, 0 Degree F, Add	*508.94*	
23 81 43 00-0015	EA	20 Ton Single Package Heat Pump, Air To Air Type With Electric Heat	36,938.87	523.55
		For Unit Economizer, Add	*5,129.56*	
		For >35 To 70, Deduct	*-1,076.75*	
		For >70 To 100, Deduct	*-1,794.59*	
		For >100, Deduct	*-2,512.42*	
		For Low Ambient Protection, 0 Degree F, Add	*620.69*	
23 81 43 00-0016	EA	25 Ton Single Package Heat Pump, Air To Air Type With Electric Heat	44,509.40	570.09
		For Unit Economizer, Add	*6,185.71*	
		For >35 To 70, Deduct	*-1,301.08*	
		For >70 To 100, Deduct	*-2,168.46*	
		For >100, Deduct	*-3,035.85*	
		For Low Ambient Protection, 0 Degree F, Add	*718.74*	

23 81 43 00-0017 Single Package Vertical Wall Heat Pumps *(23 81 43)*

Note: Air-to-air type with electric heat. Includes throwaway filters. Wall units are wired for 230/208 Volt, 1 phase, 60 HZ. With solid state electronic controls, thermostat, cord and NEMA plug. Units are shipped fully factory assembled in one piece, prewired, prepiped and charged with refrigerant, complete with push button controls, insulated steel cabinet, with wall sleeve and outdoor grille and stainless steel drain pan. Excludes crane and associated personnel.

23 81 43 00-0018	EA	1/2 Ton Package Heat Pump, Vertical Wall Unit, Air To Air Type With Electric Heat	3,392.90	232.69
23 81 43 00-0019	EA	1 Ton Single Package Heat Pump, Vertical Wall Unit, Air To Air Type With Electric Heat	4,122.60	255.96
23 81 43 00-0020	EA	1-1/2 Ton Single Package Heat Pump, Vertical Wall Unit, Air To Air Type With Electric Heat	5,338.97	267.60
23 81 43 00-0021	EA	2 Ton Single Package Heat Pump, Vertical Wall Unit, Air To Air Type With Electric Heat	6,123.34	290.86
23 81 43 00-0022	EA	2-1/2 Ton Single Package Heat Pump, Vertical Wall Unit, Air To Air Type With Electric Heat	7,660.69	337.40
23 81 43 00-0023	EA	3 Ton Single Package Heat Pump, Vertical Wall Unit, Air To Air Type With Electric Heat	8,181.69	383.93
23 81 43 00-0024	EA	3-1/2 Ton Single Package Heat Pump, Vertical Wall Unit, Air To Air Type With Electric Heat	8,882.96	430.48
23 81 43 00-0025	EA	4 Ton Single Package Heat Pump, Vertical Wall Unit, Air To Air Type With Electric Heat	9,996.44	477.02
23 81 43 00-0026	EA	5 Ton Single Package Heat Pump, Vertical Wall Unit, Air To Air Type With Electric Heat	11,265.81	570.09

23 81 43 00-0027 Heat Pump, Room Air-Conditioners *(23 81 43)*

Note: Includes throwaway filters and supplemental heat.

23 81 43 00-0028 Heat Pump, Window Unit, Room Air-Conditioners *(23 81 43 00-0027)*

23 81 43 00-0029 Heat Pump, Window Unit, Room Air-Conditioners (Friedrich) *(23 81 43 00-0028)*

23 81 43 00-0030	EA	10,000 BTU, 10.9 EER, 230/208 Volt, Heat Pump, Through-The-Wall, Room Air-Conditioner (Friedrich YS10N10C)	2,490.17	112.74
		For >10 To 50, Deduct	*-113.23*	
		For >50 To 75, Deduct	*-158.53*	
		For >75 To 100, Deduct	*-226.47*	
		For >100, Deduct	*-271.76*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 81 43 00-0031	EA	12,000 BTU, 10.9 EER, 230/208 Volt, Heat Pump, Through-The-Wall, Room Air-Conditioner (Friedrich YS12N33C)	2,816.54	112.74
		For >10 To 50, Deduct	*-129.55*	
		For >50 To 75, Deduct	*-181.37*	
		For >75 To 100, Deduct	*-259.11*	
		For >100, Deduct	*-310.93*	
23 81 43 00-0032	EA	17,500 BTU, 10.9 EER, 230/208 Volt, Heat Pump, Through-The-Wall, Room Air-Conditioner (Friedrich KHM18A34A)	3,306.11	112.74
		For >10 To 50, Deduct	*-154.03*	
		For >50 To 75, Deduct	*-215.64*	
		For >75 To 100, Deduct	*-308.06*	
		For >100, Deduct	*-369.68*	
23 81 43 00-0033	EA	24,000 BTU, 10.3 EER, 230/208 Volt, Heat Pump, Through-The-Wall, Room Air-Conditioner (Friedrich YL24N35D)	3,850.07	112.74
		For >10 To 50, Deduct	*-181.23*	
		For >50 To 75, Deduct	*-253.72*	
		For >75 To 100, Deduct	*-362.46*	
		For >100, Deduct	*-434.95*	

23 81 43 00-0034 Heat Pump, Through-The-Wall, Room Air-Conditioners *(23 81 43 00-0027)*

Note: Base unit excludes wall sleeve.

23 81 43 00-0035 Heat Pump, Through-The-Wall, Room Air-Conditioners (Friedrich) *(23 81 43 00-0034)*

23 81 43 00-0036	EA	9,300 BTU, 9.8 EER, 230/208 Volt, Heat Pump, Through-The-Wall, Room Air-Conditioner (Friedrich WY09C33D)	2,516.41	80.53
		For >10 To 50, Deduct	*-117.77*	
		For >50 To 75, Deduct	*-164.87*	
		For >75 To 100, Deduct	*-235.54*	
		For >100, Deduct	*-282.64*	
		For 27" Wide x 16-3/4" Deep x 16-3/4" High, Wall Sleeve (Friedrich WSE), Add	*266.27*	
23 81 43 00-0037	EA	11,300 BTU, 9.3 EER, 230/208 Volt, Heat Pump, Through-The-Wall, Room Air-Conditioner (Friedrich WY12D33A)	2,516.41	80.53
		For >10 To 50, Deduct	*-117.77*	
		For >50 To 75, Deduct	*-164.87*	
		For >75 To 100, Deduct	*-235.54*	
		For >100, Deduct	*-282.64*	
		For 27" Wide x 16-3/4" Deep x 16-3/4" High, Wall Sleeve (Friedrich WSE), Add	*266.27*	

23 81 46 Water-Source Unitary Heat Pumps *(23 81)*

23 81 46 00-0001 Horizontal, Ceiling Mounted, Geothermal Water Source Heat Pumps *(23 81 46)*

Note: R410a. Includes rubber isolator hanger brackets. McQuay CCW Series.

23 81 46 00-0002	EA	7 MBH, 300 CFM Horizontal, Ceiling Mounted, Geothermal Water Source Heat Pump	3,447.71	230.49
23 81 46 00-0003	EA	9 MBH, 300 CFM Horizontal, Ceiling Mounted, Geothermal Water Source Heat Pump	3,557.43	230.49
23 81 46 00-0004	EA	12 MBH, 400 CFM Horizontal, Ceiling Mounted, Geothermal Water Source Heat Pump	4,113.09	253.54
23 81 46 00-0005	EA	19 MBH, 630 CFM Horizontal, Ceiling Mounted, Geothermal Water Source Heat Pump	4,332.30	276.58
23 81 46 00-0006	EA	24 MBH, 800 CFM Horizontal, Ceiling Mounted, Geothermal Water Source Heat Pump	4,646.60	299.63
23 81 46 00-0007	EA	30 MBH, 1,000 CFM Horizontal, Ceiling Mounted, Geothermal Water Source Heat Pump	5,472.91	322.68
23 81 46 00-0008	EA	36 MBH, 1,200 CFM Horizontal, Ceiling Mounted, Geothermal Water Source Heat Pump	5,592.14	345.74
23 81 46 00-0009	EA	42 MBH, 1,400 CFM Horizontal, Ceiling Mounted, Geothermal Water Source Heat Pump	6,101.49	368.78
23 81 46 00-0010	EA	48 MBH, 1,600 CFM Horizontal, Ceiling Mounted, Geothermal Water Source Heat Pump	6,513.30	391.83
23 81 46 00-0011	EA	60 MBH, 2,000 CFM Horizontal, Ceiling Mounted, Geothermal Water Source Heat Pump	6,620.37	414.88

23 81 49 Split System Heat Pumps *(23 81)*

23 81 49 00-0001 Split System Heat Pump *(23 81 49)*

See CSI section 22 07 19 00-1190 for insulation, 23 23 16 00-0001 for piping.

23 81 49 00-0002 Air Cooled, Outdoor Section *(23 81 49 00-0001)*

Note: Includes 20' length of piping (liquid line and insulated suction line). Excludes additional piping.

23 81 49 00-0003	EA	1.5 Ton, 14 SEER, Outdoor Heat Pump Unit Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.	4,228.35	345.54
		For Low Ambient Protection, 0 Degree F, Add	*760.70*	
		For Winterstart Control, Add	*200.55*	
		For 15 SEER, Add	*666.86*	
		For 16 SEER, Add	*1,074.39*	
		For 18 SEER, Add	*1,630.11*	
23 81 49 00-0004	EA	2 Ton, 14 SEER, Outdoor Heat Pump Unit Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.	4,358.72	383.93
		For Low Ambient Protection, 0 Degree F, Add	*787.52*	
		For Winterstart Control, Add	*209.25*	
		For 15 SEER, Add	*679.86*	
		For 16 SEER, Add	*1,095.33*	
		For 18 SEER, Add	*1,661.88*	
23 81 49 00-0005	EA	2.5 Ton, 14 SEER, Outdoor Heat Pump Unit Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.	4,760.53	445.60
		For Low Ambient Protection, 0 Degree F, Add	*863.27*	
		For Winterstart Control, Add	*230.91*	
		For 15 SEER, Add	*735.43*	
		For 16 SEER, Add	*1,184.86*	
		For 18 SEER, Add	*1,797.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 81 49 00-0006	EA	3 Ton, 14 SEER, Outdoor Heat Pump Unit	5,195.04	511.91
		Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
		For Low Ambient Protection, 0 Degree F, Add	*724.24*	
		For Winterstart Control, Add	*254.34*	
		For 15 SEER, Add	*795.49*	
		For 16 SEER, Add	*1,281.62*	
		For 18 SEER, Add	*1,944.52*	
23 81 49 00-0007	EA	3.5 Ton, 14 SEER, Outdoor Heat Pump Unit	5,359.26	531.70
		Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
		For Low Ambient Protection, 0 Degree F, Add	*747.82*	
		For Winterstart Control, Add	*262.70*	
		For 15 SEER, Add	*819.69*	
		For 16 SEER, Add	*1,320.61*	
		For 18 SEER, Add	*2,003.68*	
23 81 49 00-0008	EA	4 Ton, 14 SEER, Outdoor Heat Pump Unit	5,954.24	610.81
		Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
		For Low Ambient Protection, 0 Degree F, Add	*827.94*	
		For Winterstart Control, Add	*290.52*	
		For 15 SEER, Add	*914.70*	
		For 16 SEER, Add	*1,473.68*	
		For 18 SEER, Add	*2,235.93*	
23 81 49 00-0009	EA	5 Ton, 14 SEER, Outdoor Heat Pump Unit	6,780.97	671.88
		Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
		For Low Ambient Protection, 0 Degree F, Add	*531.02*	
		For Winterstart Control, Add	*154.20*	
		For 15 SEER, Add	*1,047.80*	
		For 16 SEER, Add	*1,688.13*	
		For 18 SEER, Add	*2,561.30*	
23 81 49 00-0010	EA	7.5 Ton, 11.5 EER, Outdoor Heat Pump Unit	7,502.65	751.61
		Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
		For Low Ambient Protection, 0 Degree F, Add	*589.88*	
		For Winterstart Control, Add	*171.66*	
23 81 49 00-0011	EA	10 Ton, 11.1 EER, Outdoor Heat Pump Unit	10,391.71	901.92
		Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
		For Low Ambient Protection, 0 Degree F, Add	*403.23*	
		For Winterstart Control, Add	*220.06*	
23 81 49 00-0012	EA	15 Ton, 10.9 EER, Outdoor Heat Pump Unit	13,682.06	1,052.25
		Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
		For Low Ambient Protection, 0 Degree F, Add	*455.50*	
		For Winterstart Control, Add	*271.79*	
23 81 49 00-0013	EA	20 Ton, 10.3 EER, Outdoor Heat Pump Unit	24,659.56	1,127.40
		Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
		For Low Ambient Protection, 0 Degree F, Add	*483.16*	
		For Winterstart Control, Add	*391.52*	

23 81 49 00-0014 Indoor Section, Horizontal Upflow *(23 81 49 00-0001)*

Note: Electric heat. Includes throwaway filters.

23 81 49 00-0015	EA	2 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 5 KW Electric Heat	1,294.77	114.89
		For Additional 5 KW Electric Heat, Add	*117.93*	
23 81 49 00-0016	EA	2-1/2 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 5 KW Electric Heat	1,425.38	143.13
		For Additional 5 KW Electric Heat, Add	*128.22*	
23 81 49 00-0017	EA	3 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 5 KW Electric Heat	1,485.42	172.86
		For Additional 5 KW Electric Heat, Add	*131.22*	
23 81 49 00-0018	EA	3-1/2 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 5 KW Electric Heat	2,005.79	202.40
		For Additional 5 KW Electric Heat, Add	*180.32*	
23 81 49 00-0019	EA	4 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 10 KW Electric Heat	2,057.52	228.17
		For Additional 5 KW Electric Heat, Add	*182.91*	
23 81 49 00-0020	EA	5 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 10 KW Electric Heat	2,281.26	261.99
		For Additional 5 KW Electric Heat, Add	*201.94*	
23 81 49 00-0021	EA	7-1/2 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 10 KW Electric Heat	4,883.30	429.49
		For Additional 5 KW Electric Heat, Add	*445.38*	
23 81 49 00-0022	EA	10 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 15 kW Electric Heat	7,217.58	483.18
		For Additional 5 KW Electric Heat, Add	*673.44*	
23 81 49 00-0023	EA	15 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 15KW Electric Heat	10,142.35	536.86
		For Additional 5 KW Electric Heat, Add	*960.55*	
23 81 49 00-0024	EA	20 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 15 KW Electric Heat	11,523.40	644.23
		For Additional 5 KW Electric Heat, Add	*1,087.91*	

23 81 49 00-0025 Ductless Split System Heat Pumps *(23 81 49 00-0001)*

Note: Excludes refrigerant piping, electrical, and pad. Sanyo units or equal. See CSI section 23 81 26 13-0030 for accessories.

23 81 49 00-0026 Wall Mounted Ductless Split System Heat Pumps *(23 81 49 00-0025)*

23 81 49 00-0027	EA	9,000 BTU Cooling, 12,200 BTU Heating, 16 SEER, Wall Mounted Ductless Split System Heat Pumps	2,337.09	354.32
		Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.		
23 81 49 00-0028	EA	11,900 BTU Cooling, 13,300 BTU Heating, 17 SEER, Wall Mounted Ductless Split System Heat Pumps	2,581.90	386.53
		Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.		
23 81 49 00-0029	EA	17,500 BTU Cooling, 20,400 BTU Heating, 20 SEER, Wall Mounted Ductless Split System Heat Pumps	3,149.81	429.49
		Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.		
23 81 49 00-0030	EA	24,200 BTU Cooling, 29,000 BTU Heating, 17 SEER, Wall Mounted Ductless Split System Heat Pumps	3,625.26	472.44
		Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.		
23 81 49 00-0031	EA	25,200 BTU Cooling, 29,200 BTU Heating, 14.9 SEER, Wall Mounted Ductless Split System Heat Pumps	5,139.37	515.39
		Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 81 49 00-0032	EA	29,800 BTU Cooling, 34,800 BTU Heating, 15 SEER, Wall Mounted Ductless Split System Heat Pumps Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	5,953.44	536.86
23 81 49 00-0033	EA	31,400 BTU Cooling, 36,400 BTU Heating, 15.9 SEER, Wall Mounted Ductless Split System Heat Pumps Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	6,530.41	572.29
23 81 49 00-0034		Dual and Tri Zone Wall Mounted Ductless Split System Heat Pumps *(23 81 49 00-0025)* Note: Use this section only when matching indoor and outdoor capacity units are not used.		
23 81 49 00-0035	EA	7,500 BTU Cooling, 8,500 BTU Heating Indoor Unit, Wall Mounted Ductless Split System Heat Pumps Note: Includes indoor unit and wireless thermostat.	969.29	171.80
23 81 49 00-0036	EA	9,000 BTU Cooling, 12,200 BTU Heating Indoor Unit, Wall Mounted Ductless Split System Heat Pumps Note: Includes indoor unit and wireless thermostat.	1,023.07	182.54
23 81 49 00-0037	EA	11,900 BTU Cooling, 14,300 BTU Heating Indoor Unit, Wall Mounted Ductless Split System Heat Pumps Note: Includes indoor unit and wireless thermostat.	1,077.74	193.27
23 81 49 00-0038	EA	17,500 BTU Cooling, 20,400 BTU Heating Indoor Unit, Wall Mounted Ductless Split System Heat Pumps Note: Includes indoor unit and wireless thermostat.	1,226.68	204.01
23 81 49 00-0039	EA	24,200 BTU Cooling, 29,000 BTU Heating Indoor Unit, Wall Mounted Ductless Split System Heat Pumps Note: Includes indoor unit and wireless thermostat.	1,307.38	214.75
23 81 49 00-0040	EA	19,700 BTU Cooling, 24,800 BTU Heating, 16.4 SEER, Outdoor Unit, Wall Mounted Ductless Split System Heat Pumps Note: Includes outdoor unit and refrigerant charge.	2,906.78	257.69
23 81 49 00-0041	EA	23,200 BTU Cooling, 29,200 BTU Heating, 16.5 SEER, Outdoor Unit, Wall Mounted Ductless Split System Heat Pumps Note: Includes outdoor unit and refrigerant charge.	3,445.25	279.17
23 81 49 00-0042	EA	30,600 BTU Cooling, 32,000 BTU Heating, 17.2 SEER, Outdoor Unit, Wall Mounted Ductless Split System Heat Pumps Note: Includes outdoor unit and refrigerant charge.	5,587.95	300.64
23 81 49 00-0043		Suspended Ceiling Mounted Ductless Split System Heat Pumps *(23 81 49 00-0025)* Note: Excludes hangers.		
23 81 49 00-0044	EA	24,400 BTU Cooling, 30,800 BTU Heating, 14.5 SEER, Ceiling Suspended Ductless Split System Heat Pumps Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	5,493.08	515.39
23 81 49 00-0045	EA	31,200 BTU Cooling, 37,400 BTU Heating, 15.1 SEER, Ceiling Suspended Ductless Split System Heat Pumps Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	6,667.38	615.24
23 81 49 00-0046	EA	39,000 BTU Cooling, 44,500 BTU Heating, 15.6 SEER, Ceiling Suspended Ductless Split System Heat Pumps Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	8,046.06	644.23
23 81 49 00-0047		Recessed Ceiling Mounted Ductless Split System Heat Pumps *(23 81 49 00-0025)* Note: Excludes hangers.		
23 81 49 00-0048	EA	11,900 BTU Cooling, 13,600 BTU Heating, 16 SEER, Ceiling Recessed Ductless Split System Heat Pumps Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	3,642.67	429.49
23 81 49 00-0049	EA	17,500 BTU Cooling, 20,400 BTU Heating, 16 SEER, Ceiling Recessed Ductless Split System Heat Pumps Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	4,130.68	472.44
23 81 49 00-0050	EA	24,800 BTU Cooling, 29,800 BTU Heating, 14.1 SEER, Ceiling Recessed Ductless Split System Heat Pumps Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	5,465.79	558.33
23 81 49 00-0051	EA	32,600 BTU Cooling, 37,600 BTU Heating, 14.6 SEER, Ceiling Recessed Ductless Split System Heat Pumps Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	6,308.29	615.24
23 81 49 00-0052	EA	39,500 BTU Cooling, 48,000 BTU Heating, 14.6 SEER, Ceiling Recessed Ductless Split System Heat Pumps Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	7,866.52	644.23

23 82 Convection Heating and Cooling Units *(23 80)*

23 82 16 Air Coils *(23 82)*

23 82 16 11 Hydronic Air Coils *(23 82 16)*

23 82 16 11-0001		Chilled Water Cooling Coils *(23 82 16 11)* Note: Flanged construction, 16 gauge galvanized steel casing.		
23 82 16 11-0002		2 Row Chilled Water Cooling Coils *(23 82 16 11-0001)*		
23 82 16 11-0003	EA	12" x 12" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	1,939.03	57.62
23 82 16 11-0004	EA	12" x 24" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	3,228.56	78.37
23 82 16 11-0005	EA	24" x 30" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	4,335.65	123.31
23 82 16 11-0006	EA	24" x 48" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	5,220.62	176.32
23 82 16 11-0007	EA	30" x 48" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	5,523.79	216.66
23 82 16 11-0008	EA	30" x 60" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	6,170.60	262.75
23 82 16 11-0009	EA	30" x 72" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	6,598.09	304.24
23 82 16 11-0010	EA	30" x 84" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	7,123.58	537.49
23 82 16 11-0011	EA	34" x 32" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	4,455.35	204.33
23 82 16 11-0012	EA	34" x 48" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	5,692.44	347.92

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 16 11-0013	EA	34" x 60" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	6,362.81	432.17
23 82 16 11-0014	EA	34" x 72" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	6,955.71	521.94
23 82 16 11-0015	EA	34" x 84" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	7,583.80	607.79
23 82 16 11-0016		4 Row Chilled Water Cooling Coils *(23 82 16 11-0001)*		
23 82 16 11-0017	EA	12" x 12" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	2,402.21	119.85
23 82 16 11-0018	EA	12" x 24" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	3,875.48	172.87
23 82 16 11-0019	EA	24" x 30" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	5,260.81	288.11
23 82 16 11-0020	EA	24" x 48" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	6,403.10	427.55
23 82 16 11-0021	EA	30" x 48" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	7,389.90	524.36
23 82 16 11-0022	EA	30" x 60" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	8,775.85	640.75
23 82 16 11-0023	EA	30" x 72" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	9,752.64	768.67
23 82 16 11-0024	EA	30" x 84" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	9,474.49	894.75
23 82 16 11-0025	EA	34" x 32" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	6,033.13	386.18
23 82 16 11-0026	EA	34" x 48" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	7,657.26	580.83
23 82 16 11-0027	EA	34" x 60" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	8,470.82	720.27
23 82 16 11-0028	EA	34" x 72" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	9,421.01	867.79
23 82 16 11-0029	EA	34" x 84" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	10,307.54	1,014.49
23 82 16 11-0030		6 Row Chilled Water Cooling Coils *(23 82 16 11-0001)*		
23 82 16 11-0031	EA	12" x 12" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	3,402.32	152.12
23 82 16 11-0032	EA	12" x 24" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	3,983.41	225.87
23 82 16 11-0033	EA	24" x 30" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	5,380.82	384.91
23 82 16 11-0034	EA	24" x 48" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	7,278.45	576.21
23 82 16 11-0035	EA	30" x 48" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	9,584.53	720.27
23 82 16 11-0036	EA	30" x 60" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	10,853.89	886.22
23 82 16 11-0037	EA	30" x 72" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	12,617.67	1,047.56
23 82 16 11-0038	EA	30" x 84" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	11,900.10	1,220.77
23 82 16 11-0039	EA	34" x 32" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	7,530.02	527.70
23 82 16 11-0040	EA	34" x 48" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	9,577.45	791.49
23 82 16 11-0041	EA	34" x 60" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	10,727.79	991.09
23 82 16 11-0042	EA	34" x 72" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	11,839.99	1,190.59
23 82 16 11-0043	EA	34" x 84" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	12,959.27	1,385.11
23 82 16 11-0044		8 Row Chilled Water Cooling Coils *(23 82 16 11-0001)*		
23 82 16 11-0045	EA	12" x 12" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	4,257.67	183.23
23 82 16 11-0046	EA	12" x 24" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	5,174.69	281.20
23 82 16 11-0047	EA	24" x 30" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	7,668.66	501.31
23 82 16 11-0048	EA	24" x 48" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	10,113.00	768.67
23 82 16 11-0049	EA	30" x 48" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	12,118.74	961.14
23 82 16 11-0050	EA	30" x 60" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	14,052.41	1,152.44
23 82 16 11-0051	EA	30" x 72" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	16,182.34	1,280.36
23 82 16 11-0052	EA	30" x 84" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	13,611.00	1,485.15

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 16 11-0053	EA	34" x 32" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	8,570.26	643.06
23 82 16 11-0054	EA	34" x 48" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	10,927.37	966.78
23 82 16 11-0055	EA	34" x 60" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	12,259.60	1,204.29
23 82 16 11-0056	EA	34" x 72" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	13,522.38	1,440.54
23 82 16 11-0057	EA	34" x 84" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	14,852.22	1,694.77

23 82 16 11-0058 Hot Water Heating Coils *(23 82 16 11)*

Note: Flanged construction.

23 82 16 11-0059 1 Row Hot Water Heating Coils *(23 82 16 11-0058)*

23 82 16 11-0060	EA	12" x 12" Hot Water Heating Coil, 1 Row Flanged Construction	1,506.24	155.58
		For 10 Fins Per Inch, Add	*23.90*	
		For 12 Fins Per Inch, Add	*59.74*	
		For 230 PSIG Heavy Duty, Add	*332.40*	
23 82 16 11-0061	EA	12" x 24" Hot Water Heating Coil, 1 Row Flanged Construction	2,243.85	199.37
		For 10 Fins Per Inch, Add	*36.93*	
		For 12 Fins Per Inch, Add	*92.32*	
		For 230 PSIG Heavy Duty, Add	*488.51*	
23 82 16 11-0062	EA	24" x 30" Hot Water Heating Coil, 1 Row Flanged Construction	2,721.09	274.28
		For 10 Fins Per Inch, Add	*43.45*	
		For 12 Fins Per Inch, Add	*108.62*	
		For 230 PSIG Heavy Duty, Add	*599.10*	
23 82 16 11-0063	EA	24" x 48" Hot Water Heating Coil, 1 Row Flanged Construction	3,212.14	384.91
		For 10 Fins Per Inch, Add	*48.88*	
		For 12 Fins Per Inch, Add	*122.19*	
		For 230 PSIG Heavy Duty, Add	*719.26*	
23 82 16 11-0064	EA	30" x 48" Hot Water Heating Coil, 1 Row Flanged Construction	3,637.34	460.98
		For 10 Fins Per Inch, Add	*54.31*	
		For 12 Fins Per Inch, Add	*135.77*	
		For 230 PSIG Heavy Duty, Add	*819.66*	
23 82 16 11-0065	EA	30" x 60" Hot Water Heating Coil, 1 Row Flanged Construction	4,247.98	576.21
		For 10 Fins Per Inch, Add	*61.91*	
		For 12 Fins Per Inch, Add	*154.78*	
		For 230 PSIG Heavy Duty, Add	*964.84*	
23 82 16 11-0066	EA	30" x 72" Hot Water Heating Coil, 1 Row Flanged Construction	4,756.18	639.61
		For 10 Fins Per Inch, Add	*69.51*	
		For 12 Fins Per Inch, Add	*173.78*	
		For 230 PSIG Heavy Duty, Add	*1,079.29*	
23 82 16 11-0067	EA	30" x 84" Hot Water Heating Coil, 1 Row Flanged Construction	5,898.39	743.67
		For 10 Fins Per Inch, Add	*88.11*	
		For 12 Fins Per Inch, Add	*220.28*	
		For 230 PSIG Heavy Duty, Add	*1,328.96*	
23 82 16 11-0068	EA	34" x 32" Hot Water Heating Coil, 1 Row Flanged Construction	2,546.66	322.23
		For 10 Fins Per Inch, Add	*38.04*	
		For 12 Fins Per Inch, Add	*95.11*	
		For 230 PSIG Heavy Duty, Add	*573.79*	
23 82 16 11-0069	EA	34" x 48" Hot Water Heating Coil, 1 Row Flanged Construction	3,819.97	483.45
		For 10 Fins Per Inch, Add	*57.06*	
		For 12 Fins Per Inch, Add	*142.66*	
		For 230 PSIG Heavy Duty, Add	*860.68*	
23 82 16 11-0070	EA	34" x 72" Hot Water Heating Coil, 1 Row Flanged Construction	5,742.24	731.22
		For 10 Fins Per Inch, Add	*85.60*	
		For 12 Fins Per Inch, Add	*213.99*	
		For 230 PSIG Heavy Duty, Add	*1,294.70*	
23 82 16 11-0071	EA	34" x 84" Hot Water Heating Coil, 1 Row Flanged Construction	6,687.77	847.39
		For 10 Fins Per Inch, Add	*99.86*	
		For 12 Fins Per Inch, Add	*249.65*	
		For 230 PSIG Heavy Duty, Add	*1,507.03*	
23 82 16 11-0072	SF	>15 SF Hot Water Heating Coil, 1 Row, Flanged Construction	303.93	42.64
		For 10 Fins Per Inch, Add	*4.37*	
		For 12 Fins Per Inch, Add	*10.93*	
		For 230 PSIG Heavy Duty, Add	*69.32*	

23 82 16 11-0073 2 Row Hot Water Heating Coils *(23 82 16 11-0058)*

23 82 16 11-0074	EA	12" x 12" Hot Water Heating Coil, 2 Row Flanged Construction	2,447.84	192.46
		For 10 Fins Per Inch, Add	*41.27*	
		For 12 Fins Per Inch, Add	*103.18*	
		For 230 PSIG Heavy Duty, Add	*527.98*	
23 82 16 11-0075	EA	12" x 24" Hot Water Heating Coil, 2 Row Flanged Construction	2,630.20	255.84
		For 10 Fins Per Inch, Add	*42.36*	
		For 12 Fins Per Inch, Add	*105.90*	
		For 230 PSIG Heavy Duty, Add	*577.26*	
23 82 16 11-0076	EA	24" x 30" Hot Water Heating Coil, 2 Row Flanged Construction	3,537.98	384.91
		For 10 Fins Per Inch, Add	*55.39*	
		For 12 Fins Per Inch, Add	*138.48*	
		For 230 PSIG Heavy Duty, Add	*784.43*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 16 11-0077	EA	24" x 48" Hot Water Heating Coil, 2 Row Flanged Construction	4,247.41	548.56
		For 10 Fins Per Inch, Add	*63.00*	
		For 12 Fins Per Inch, Add	*157.49*	
		For 230 PSIG Heavy Duty, Add	*959.24*	
23 82 16 11-0078	EA	30" x 48" Hot Water Heating Coil, 2 Row Flanged Construction	4,885.81	677.63
		For 10 Fins Per Inch, Add	*70.60*	
		For 12 Fins Per Inch, Add	*176.50*	
		For 230 PSIG Heavy Duty, Add	*1,112.74*	
23 82 16 11-0079	EA	30" x 60" Hot Water Heating Coil, 2 Row Flanged Construction	5,176.34	822.84
		For 10 Fins Per Inch, Add	*70.60*	
		For 12 Fins Per Inch, Add	*176.50*	
		For 230 PSIG Heavy Duty, Add	*1,199.90*	
23 82 16 11-0080	EA	30" x 72" Hot Water Heating Coil, 2 Row Flanged Construction	5,830.89	961.14
		For 10 Fins Per Inch, Add	*78.20*	
		For 12 Fins Per Inch, Add	*195.51*	
		For 230 PSIG Heavy Duty, Add	*1,358.25*	
23 82 16 11-0081	EA	30" x 84" Hot Water Heating Coil, 2 Row Flanged Construction	7,189.73	1,116.71
		For 10 Fins Per Inch, Add	*99.13*	
		For 12 Fins Per Inch, Add	*247.82*	
		For 230 PSIG Heavy Duty, Add	*1,661.29*	
23 82 16 11-0082	EA	34" x 32" Hot Water Heating Coil, 2 Row Flanged Construction	3,103.43	481.84
		For 10 Fins Per Inch, Add	*42.80*	
		For 12 Fins Per Inch, Add	*106.99*	
		For 230 PSIG Heavy Duty, Add	*717.04*	
23 82 16 11-0083	EA	34" x 48" Hot Water Heating Coil, 2 Row Flanged Construction	4,657.57	723.85
		For 10 Fins Per Inch, Add	*64.20*	
		For 12 Fins Per Inch, Add	*160.49*	
		For 230 PSIG Heavy Duty, Add	*1,076.29*	
23 82 16 11-0084	EA	34" x 72" Hot Water Heating Coil, 2 Row Flanged Construction	6,997.32	1,091.36
		For 10 Fins Per Inch, Add	*96.29*	
		For 12 Fins Per Inch, Add	*240.73*	
		For 230 PSIG Heavy Duty, Add	*1,617.73*	
23 82 16 11-0085	EA	34" x 84" Hot Water Heating Coil, 2 Row Flanged Construction	8,166.81	1,274.83
		For 10 Fins Per Inch, Add	*112.34*	
		For 12 Fins Per Inch, Add	*280.86*	
		For 230 PSIG Heavy Duty, Add	*1,888.33*	

23 82 16 11-0086 Hot Water Preheat Coils For Multi-Zone Air Handling Units *(23 82 16 11)*

Note: 2 Row coils. Coils are sized by air handling unit capacity.

23 82 16 11-0087	EA	3,000 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit	1,991.58	146.36
23 82 16 11-0088	EA	4,000 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit	2,556.38	145.21
23 82 16 11-0089	EA	5,000 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit	3,140.90	155.58
23 82 16 11-0090	EA	6,500 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit	3,651.73	169.41
23 82 16 11-0091	EA	7,500 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit	3,667.37	177.47
23 82 16 11-0092	EA	9,200 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit	4,444.84	186.70
23 82 16 11-0093	EA	11,500 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit	4,600.77	209.75
23 82 16 11-0094	EA	13,200 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit	5,086.54	235.10
23 82 16 11-0095	EA	16,500 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit	5,721.39	281.20
23 82 16 11-0096	EA	19,500 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit	6,238.99	295.03
23 82 16 11-0097	EA	22,000 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit	8,008.79	312.31
23 82 16 11-0098	EA	27,000 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit	10,194.58	427.55
23 82 16 11-0099	EA	34,000 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit	12,810.73	524.36
23 82 16 11-0100	EA	40,000 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit	14,936.34	548.56
23 82 16 11-0101	EA	47,000 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit	17,545.65	639.61

23 82 16 12 Steam Air Coils *(23 82 16)*

23 82 16 12-0001 Steam Heating Coils *(23 82 16 12)*

Note: Flanged construction.

23 82 16 12-0002	EA	12" x 12" Steam Heating Coils, 1 Row Flanged Construction	2,368.72	108.33
		For 2 Row Coil, Add	*753.70*	
		For 4 Row Coil, Add	*1,987.60*	
23 82 16 12-0003	EA	12" x 24" Steam Heating Coils, 1 Row Flanged Construction	2,606.46	149.82
		For 2 Row Coil, Add	*841.81*	
		For 4 Row Coil, Add	*2,213.88*	
23 82 16 12-0004	EA	24" x 30" Steam Heating Coils, 1 Row Flanged Construction	3,381.46	268.51
		For 2 Row Coil, Add	*1,121.64*	
		For 4 Row Coil, Add	*2,935.66*	
23 82 16 12-0005	EA	24" x 48" Steam Heating Coils, 1 Row Flanged Construction	4,228.96	384.91
		For 2 Row Coil, Add	*1,422.35*	
		For 4 Row Coil, Add	*3,713.53*	
23 82 16 12-0006	EA	30" x 48" Steam Heating Coils, 1 Row Flanged Construction	4,690.24	460.98
		For 2 Row Coil, Add	*1,591.46*	
		For 4 Row Coil, Add	*4,148.63*	
23 82 16 12-0007	EA	30" x 60" Steam Heating Coils, 1 Row Flanged Construction	5,228.34	576.21
		For 2 Row Coil, Add	*1,798.99*	
		For 4 Row Coil, Add	*4,678.22*	
23 82 16 12-0008	EA	30" x 72" Steam Heating Coils, 1 Row Flanged Construction	5,740.91	639.61
		For 2 Row Coil, Add	*1,978.37*	
		For 4 Row Coil, Add	*5,143.34*	
23 82 16 12-0009	EA	30" x 84" Steam Heating Coils, 1 Row Flanged Construction	7,146.55	746.43
		For 2 Row Coil, Add	*2,442.52*	
		For 4 Row Coil, Add	*6,359.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 16 12-0010	EA	34" x 32" Steam Heating Coils, 1 Row Flanged Construction	3,085.55	322.23
		For 2 Row Coil, Add	*1,054.57*	
		For 4 Row Coil, Add	*2,745.59*	
23 82 16 12-0011	EA	34" x 48" Steam Heating Coils, 1 Row Flanged Construction	4,628.32	483.45
		For 2 Row Coil, Add	*1,581.86*	
		For 4 Row Coil, Add	*4,118.38*	
23 82 16 12-0012	EA	34" x 72" Steam Heating Coils, 1 Row Flanged Construction	6,940.02	723.85
		For 2 Row Coil, Add	*2,371.56*	
		For 4 Row Coil, Add	*6,174.57*	
23 82 16 12-0013	EA	34" x 84" Steam Heating Coils, 1 Row Flanged Construction	8,102.39	847.39
		For 2 Row Coil, Add	*2,769.67*	
		For 4 Row Coil, Add	*7,210.66*	

23 82 16 13 Refrigerant Air Coils *(23 82 16)*

23 82 16 13-0001 Direct Expansion Cooling Coils *(23 82 16 13)*

Note: Flanged construction 16 gauge galvanized steel casing.

23 82 16 13-0002 2 Row Direct Expansion Cooling Coils *(23 82 16 13-0001)*

23 82 16 13-0003	EA	12" x 12" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	1,860.28	86.43
		For 10 Fins Per Inch, Add	*33.74*	
		For 12 Fins Per Inch, Add	*84.35*	
23 82 16 13-0004	EA	12" x 24" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	3,611.59	118.70
		For 10 Fins Per Inch, Add	*67.48*	
		For 12 Fins Per Inch, Add	*168.70*	
23 82 16 13-0005	EA	24" x 30" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	4,965.03	186.70
		For 10 Fins Per Inch, Add	*91.87*	
		For 12 Fins Per Inch, Add	*229.66*	
23 82 16 13-0006	EA	24" x 48" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	5,964.43	268.51
		For 10 Fins Per Inch, Add	*108.57*	
		For 12 Fins Per Inch, Add	*271.42*	
23 82 16 13-0007	EA	30" x 48" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	6,922.08	328.44
		For 10 Fins Per Inch, Add	*125.27*	
		For 12 Fins Per Inch, Add	*313.18*	
23 82 16 13-0008	EA	30" x 60" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	7,726.44	397.59
		For 10 Fins Per Inch, Add	*138.63*	
		For 12 Fins Per Inch, Add	*346.58*	
23 82 16 13-0009	EA	30" x 72" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	8,855.78	460.98
		For 10 Fins Per Inch, Add	*158.68*	
		For 12 Fins Per Inch, Add	*396.69*	
23 82 16 13-0010	EA	30" x 84" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	11,131.53	537.49
		For 10 Fins Per Inch, Add	*201.13*	
		For 12 Fins Per Inch, Add	*502.83*	
23 82 16 13-0011	EA	34" x 32" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	4,274.96	204.33
		For 10 Fins Per Inch, Add	*77.33*	
		For 12 Fins Per Inch, Add	*193.32*	
23 82 16 13-0012	EA	34" x 48" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	5,469.69	347.92
		For 10 Fins Per Inch, Add	*95.48*	
		For 12 Fins Per Inch, Add	*238.69*	
23 82 16 13-0013	EA	34" x 72" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	6,692.18	521.94
		For 10 Fins Per Inch, Add	*112.97*	
		For 12 Fins Per Inch, Add	*282.42*	
23 82 16 13-0014	EA	34" x 84" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	7,299.75	607.79
		For 10 Fins Per Inch, Add	*121.68*	
		For 12 Fins Per Inch, Add	*304.21*	

23 82 16 13-0015 4 Row Direct Expansion Cooling Coils *(23 82 16 13-0001)*

23 82 16 13-0016	EA	12" x 12" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	3,104.62	119.85
		For 10 Fins Per Inch, Add	*57.29*	
		For 12 Fins Per Inch, Add	*143.23*	
23 82 16 13-0017	EA	12" x 24" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	4,436.19	172.87
		For 10 Fins Per Inch, Add	*81.84*	
		For 12 Fins Per Inch, Add	*204.61*	
23 82 16 13-0018	EA	24" x 30" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	6,004.62	288.11
		For 10 Fins Per Inch, Add	*108.57*	
		For 12 Fins Per Inch, Add	*271.42*	
23 82 16 13-0019	EA	24" x 48" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	7,284.23	427.55
		For 10 Fins Per Inch, Add	*128.61*	
		For 12 Fins Per Inch, Add	*321.53*	
23 82 16 13-0020	EA	30" x 48" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	8,396.91	524.36
		For 10 Fins Per Inch, Add	*146.98*	
		For 12 Fins Per Inch, Add	*367.46*	
23 82 16 13-0021	EA	30" x 60" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	9,965.94	640.75
		For 10 Fins Per Inch, Add	*173.71*	
		For 12 Fins Per Inch, Add	*434.27*	
23 82 16 13-0022	EA	30" x 72" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	11,057.17	768.67
		For 10 Fins Per Inch, Add	*190.41*	
		For 12 Fins Per Inch, Add	*476.03*	
23 82 16 13-0023	EA	30" x 84" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	10,694.70	894.75
		For 10 Fins Per Inch, Add	*178.10*	
		For 12 Fins Per Inch, Add	*445.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 16 13-0024	EA	34" x 32" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	6,868.42	386.18
		For 10 Fins Per Inch, Add	*121.92*	
		For 12 Fins Per Inch, Add	*304.80*	
23 82 16 13-0025	EA	34" x 48" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	8,688.60	580.83
		For 10 Fins Per Inch, Add	*150.54*	
		For 12 Fins Per Inch, Add	*376.34*	
23 82 16 13-0026	EA	34" x 72" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	13,011.46	1,021.64
		For 10 Fins Per Inch, Add	*219.36*	
		For 12 Fins Per Inch, Add	*548.41*	
23 82 16 13-0027	EA	34" x 84" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	14,881.99	1,190.59
		For 10 Fins Per Inch, Add	*250.02*	
		For 12 Fins Per Inch, Add	*625.05*	

23 82 16 13-0028 6 Row Direct Expansion Cooling Coils *(23 82 16 13-0001)*

23 82 16 13-0029	EA	12" x 12" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	3,977.90	150.97
		For 10 Fins Per Inch, Add	*73.49*	
		For 12 Fins Per Inch, Add	*183.73*	
23 82 16 13-0030	EA	12" x 24" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	4,544.12	225.87
		For 10 Fins Per Inch, Add	*81.84*	
		For 12 Fins Per Inch, Add	*204.61*	
23 82 16 13-0031	EA	24" x 30" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	6,530.76	384.91
		For 10 Fins Per Inch, Add	*115.25*	
		For 12 Fins Per Inch, Add	*288.12*	
23 82 16 13-0032	EA	24" x 48" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	8,251.13	576.21
		For 10 Fins Per Inch, Add	*141.97*	
		For 12 Fins Per Inch, Add	*354.93*	
23 82 16 13-0033	EA	30" x 48" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	10,877.62	720.27
		For 10 Fins Per Inch, Add	*188.74*	
		For 12 Fins Per Inch, Add	*471.85*	
23 82 16 13-0034	EA	30" x 60" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	12,295.74	886.22
		For 10 Fins Per Inch, Add	*210.46*	
		For 12 Fins Per Inch, Add	*526.14*	
23 82 16 13-0035	EA	30" x 72" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	14,288.38	1,047.56
		For 10 Fins Per Inch, Add	*243.86*	
		For 12 Fins Per Inch, Add	*609.65*	
23 82 16 13-0036	EA	30" x 84" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	13,401.90	1,220.77
		For 10 Fins Per Inch, Add	*219.21*	
		For 12 Fins Per Inch, Add	*548.02*	
23 82 16 13-0037	EA	34" x 32" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	8,558.06	527.70
		For 10 Fins Per Inch, Add	*150.05*	
		For 12 Fins Per Inch, Add	*375.14*	
23 82 16 13-0038	EA	34" x 48" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	10,846.78	791.49
		For 10 Fins Per Inch, Add	*185.28*	
		For 12 Fins Per Inch, Add	*463.19*	
23 82 16 13-0039	EA	34" x 72" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	13,322.34	1,180.78
		For 10 Fins Per Inch, Add	*219.22*	
		For 12 Fins Per Inch, Add	*548.04*	
23 82 16 13-0040	EA	34" x 84" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	14,577.06	1,385.11
		For 10 Fins Per Inch, Add	*236.14*	
		For 12 Fins Per Inch, Add	*590.34*	

23 82 16 13-0041 8 Row Direct Expansion Cooling Coils *(23 82 16 13-0001)*

23 82 16 13-0042	EA	12" x 12" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	4,959.12	182.09
		For 10 Fins Per Inch, Add	*91.87*	
		For 12 Fins Per Inch, Add	*229.66*	
23 82 16 13-0043	EA	12" x 24" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	5,907.05	281.20
		For 10 Fins Per Inch, Add	*106.90*	
		For 12 Fins Per Inch, Add	*267.24*	
23 82 16 13-0044	EA	24" x 30" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	8,727.16	501.31
		For 10 Fins Per Inch, Add	*154.50*	
		For 12 Fins Per Inch, Add	*386.25*	
23 82 16 13-0045	EA	24" x 48" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	11,474.74	768.67
		For 10 Fins Per Inch, Add	*198.76*	
		For 12 Fins Per Inch, Add	*496.91*	
23 82 16 13-0046	EA	30" x 48" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	13,737.96	961.14
		For 10 Fins Per Inch, Add	*236.34*	
		For 12 Fins Per Inch, Add	*590.86*	
23 82 16 13-0047	EA	30" x 60" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	15,917.66	1,152.44
		For 10 Fins Per Inch, Add	*272.26*	
		For 12 Fins Per Inch, Add	*680.64*	
23 82 16 13-0048	EA	30" x 72" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	18,345.11	1,280.36
		For 10 Fins Per Inch, Add	*315.68*	
		For 12 Fins Per Inch, Add	*789.21*	
23 82 16 13-0049	EA	30" x 84" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	15,300.52	1,485.15
		For 10 Fins Per Inch, Add	*246.61*	
		For 12 Fins Per Inch, Add	*616.52*	
23 82 16 13-0050	EA	34" x 32" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	9,726.81	643.06
		For 10 Fins Per Inch, Add	*168.81*	
		For 12 Fins Per Inch, Add	*422.03*	
23 82 16 13-0051	EA	34" x 48" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	12,355.38	966.78
		For 10 Fins Per Inch, Add	*208.44*	
		For 12 Fins Per Inch, Add	*521.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 16 13-0052	EA	34" x 72" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	15,241.09	1,455.07
		For 10 Fins Per Inch, Add	*246.62*	
		For 12 Fins Per Inch, Add	*616.54*	
23 82 16 13-0053	EA	34" x 84" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	16,672.25	1,694.77
		For 10 Fins Per Inch, Add	*265.65*	
		For 12 Fins Per Inch, Add	*664.14*	

23 82 16 14 Electric-Resistance Air Coils *(23 82 16)*

23 82 16 14-0001 Standard Electric Slip-In Blast Coil Heater *(23 82 16 14)*

23 82 16 14-0002 Electric Slip-In Blast Coil Heater With Open Coil Element *(23 82 16 14-0001)*

23 82 16 14-0003	EA	1/2 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	597.57	82.68
23 82 16 14-0004	EA	1 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	611.33	89.12
23 82 16 14-0005	EA	2 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	627.60	97.71
23 82 16 14-0006	EA	3 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	633.07	100.93
23 82 16 14-0007	EA	4 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	647.13	107.37
23 82 16 14-0008	EA	5 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	663.29	115.96
23 82 16 14-0009	EA	6 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	766.11	129.92
23 82 16 14-0010	EA	7 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	779.20	136.36
23 82 16 14-0011	EA	8 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	789.94	140.65
23 82 16 14-0012	EA	9 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	805.63	149.25
23 82 16 14-0013	EA	10 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	884.95	157.84
23 82 16 14-0014	EA	12-1/2 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	915.51	172.86
23 82 16 14-0015	EA	15 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	945.89	187.90
23 82 16 14-0016	EA	20 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	978.73	202.93
23 82 16 14-0017	EA	30 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	1,382.49	283.46
23 82 16 14-0018	EA	40 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	2,570.26	301.72
23 82 16 14-0019	EA	50 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	2,818.02	345.74
23 82 16 14-0020	EA	60 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	3,342.31	383.32
23 82 16 14-0021	EA	70 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	3,499.42	416.60
23 82 16 14-0022	EA	80 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	3,834.10	457.40
23 82 16 14-0023	EA	90 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	4,746.62	488.54
23 82 16 14-0024	EA	100 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	5,220.61	525.05
23 82 16 14-0025	EA	125 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	6,374.01	566.92
23 82 16 14-0026	EA	150 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater	7,189.93	616.31

23 82 16 14-0027 Electric Slip-In Blast Coil Heater With Finned Tubular Element *(23 82 16 14-0001)*

23 82 16 14-0028	EA	1 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater	971.06	118.10
23 82 16 14-0029	EA	2 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater	999.03	128.84
23 82 16 14-0030	EA	3 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater	1,010.92	128.84
23 82 16 14-0031	EA	4 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater	1,092.21	141.73
23 82 16 14-0032	EA	5 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater	1,142.11	141.73
23 82 16 14-0033	EA	6 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater	1,168.67	141.73
23 82 16 14-0034	EA	8 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater	1,225.33	157.84
23 82 16 14-0035	EA	9 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater	1,275.51	177.17
23 82 16 14-0036	EA	10 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater	1,302.07	177.17
23 82 16 14-0037	EA	15 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater	1,465.38	202.93
23 82 16 14-0038	EA	20 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater	1,889.86	202.93
23 82 16 14-0039	EA	25 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater	2,006.17	220.11
23 82 16 14-0040	EA	30 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater	2,366.21	236.22
23 82 16 14-0041	EA	35 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater	2,537.30	236.22
23 82 16 14-0042	EA	40 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater	2,823.01	236.22
23 82 16 14-0043	EA	45 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater	3,083.41	246.96
23 82 16 14-0044	EA	50 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater	3,241.79	246.96

23 82 19 Fan Coil Units *(23 82)*

23 82 19 00-0001 Ceiling Suspended Horizontal Fan Coil Units *(23 82 19)*

Note: Includes cabinet, chilled water coil, baked enamel finish, multispeed fan and fan switch with integral and/or remote thermostat to control valves and on/off and fan speeds. Excludes supports.

23 82 19 00-0002 Horizontal Fan Coil Units With Electric Heating Coil *(23 82 19 00-0001)*

23 82 19 00-0003	EA	200 CFM, 6 MBH Cooling, Horizontal Fan Coil, Electric Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	2,085.87	186.70
		For 2-Way Valve Instead Of 3-Way, Deduct	*-53.59*	
23 82 19 00-0004	EA	300 CFM, 9 MBH Cooling, Horizontal Fan Coil, Electric Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	2,372.58	217.82
		For 2-Way Valve Instead Of 3-Way, Deduct	*-56.74*	
23 82 19 00-0005	EA	400 CFM, 12 MBH Cooling, Horizontal Fan Coil, Electric Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	2,815.64	245.47
		For 2-Way Valve Instead Of 3-Way, Deduct	*-59.52*	
23 82 19 00-0006	EA	600 CFM, 18 MBH Cooling, Horizontal Fan Coil, Electric Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	3,236.19	281.20
		For 2-Way Valve Instead Of 3-Way, Deduct	*-63.11*	
23 82 19 00-0007	EA	800 CFM, 24 MBH Cooling, Horizontal Fan Coil, Electric Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	3,652.54	295.03
		For 2-Way Valve Instead Of 3-Way, Deduct	*-109.32*	
23 82 19 00-0008	EA	1,000 CFM, 30 MBH Cooling, Horizontal Fan Coil, Electric Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	4,692.10	312.31
		For 2-Way Valve Instead Of 3-Way, Deduct	*-111.72*	
23 82 19 00-0009	EA	1,200 CFM, 36 MBH Cooling, Horizontal Fan Coil, Electric Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	5,522.13	338.82
		For 2-Way Valve Instead Of 3-Way, Deduct	*-115.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 19 00-0010		**Horizontal Fan Coil Units With Hot Water Heating Coil** *(23 82 19 00-0001)*		
23 82 19 00-0011	EA	200 CFM, 6 MBH Cooling, Horizontal Fan Coil, Hot Water Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	3,039.14	186.70
		For 2-Way Valve Instead Of 3-Way, Deduct	*-53.59*	
23 82 19 00-0012	EA	300 CFM, 9 MBH Cooling, Horizontal Fan Coil, Hot Water Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	3,422.35	217.82
		For 2-Way Valve Instead Of 3-Way, Deduct	*-56.74*	
23 82 19 00-0013	EA	400 CFM, 12 MBH Cooling, Horizontal Fan Coil, Hot Water Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	4,224.73	245.47
		For 2-Way Valve Instead Of 3-Way, Deduct	*-59.52*	
23 82 19 00-0014	EA	600 CFM, 18 MBH Cooling, Horizontal Fan Coil, Hot Water Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	4,572.41	281.20
		For 2-Way Valve Instead Of 3-Way, Deduct	*-63.11*	
23 82 19 00-0015	EA	800 CFM, 24 MBH Cooling, Horizontal Fan Coil, Hot Water Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	4,877.18	296.18
		For 2-Way Valve Instead Of 3-Way, Deduct	*-109.32*	
23 82 19 00-0016	EA	1,000 CFM, 30 MBH Cooling, Horizontal Fan Coil, Hot Water Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	6,490.93	312.31
		For 2-Way Valve Instead Of 3-Way, Deduct	*-111.72*	
23 82 19 00-0017	EA	1,200 CFM, 36 MBH Cooling, Horizontal Fan Coil, Hot Water Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	7,613.12	338.82
		For 2-Way Valve Instead Of 3-Way, Deduct	*-115.84*	
23 82 19 00-0018	EA	1,400 CFM, 42 MBH Cooling, Horizontal Fan Coil, Hot Water Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	8,117.47	351.50
		For 2-Way Valve Instead Of 3-Way, Deduct	*-117.72*	
23 82 19 00-0019	EA	1,600 CFM, 48 MBH Cooling, Horizontal Fan Coil, Hot Water Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	9,061.03	365.90
		For 2-Way Valve Instead Of 3-Way, Deduct	*-119.89*	
23 82 19 00-0020	EA	1,800 CFM, 54 MBH Cooling, Horizontal Fan Coil, Hot Water Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	9,746.51	380.31
		For 2-Way Valve Instead Of 3-Way, Deduct	*-122.05*	
23 82 19 00-0021		**Floor Mounted Vertical Fan Coil Units** *(23 82 19)*		
		Note: Includes cabinet, chilled water coil, baked enamel finish, multispeed fan and fan switch with integral and/or remote thermostat to control valves and on/off and fan speeds.		
23 82 19 00-0022		**Vertical Fan Coil Units With Electric Heating Coil** *(23 82 19 00-0021)*		
23 82 19 00-0023	EA	200 CFM, 6 MBH Cooling, Vertical Fan Coil, Electric Heating, Floor Mounted, Chilled Water Coil, With Cabinet	2,011.35	185.54
		For Fan Coil Units Without Cabinet, Deduct	*-264.53*	
		For Thru-Wall Sleeve, Add	*129.35*	
		For 2-Way Valve Instead Of 3-Way, Deduct	*-53.59*	
23 82 19 00-0024	EA	300 CFM, 9 MBH Cooling, Vertical Fan Coil, Electric Heating, Floor Mounted, Chilled Water Coil, With Cabinet	2,298.06	217.82
		For Fan Coil Units Without Cabinet, Deduct	*-301.22*	
		For Thru-Wall Sleeve, Add	*141.98*	
		For 2-Way Valve Instead Of 3-Way, Deduct	*-56.74*	
23 82 19 00-0025	EA	400 CFM, 12 MBH Cooling, Vertical Fan Coil, Electric Heating, Floor Mounted, Chilled Water Coil, With Cabinet	2,726.20	245.47
		For Fan Coil Units Without Cabinet, Deduct	*-359.89*	
		For Thru-Wall Sleeve, Add	*153.08*	
		For 2-Way Valve Instead Of 3-Way, Deduct	*-59.52*	
23 82 19 00-0026	EA	600 CFM, 18 MBH Cooling, Vertical Fan Coil, Electric Heating, Floor Mounted, Chilled Water Coil, With Cabinet	3,133.33	281.20
		For Fan Coil Units Without Cabinet, Deduct	*-413.78*	
		For Thru-Wall Sleeve, Add	*167.43*	
		For 2-Way Valve Instead Of 3-Way, Deduct	*-63.11*	
23 82 19 00-0027	EA	800 CFM, 24 MBH Cooling, Vertical Fan Coil, Electric Heating, Floor Mounted, Chilled Water Coil, With Cabinet	3,534.79	296.18
		For Fan Coil Units Without Cabinet, Deduct	*-471.12*	
		For Thru-Wall Sleeve, Add	*173.20*	
		For 2-Way Valve Instead Of 3-Way, Deduct	*-109.32*	
23 82 19 00-0028	EA	1,000 CFM, 30 MBH Cooling, Vertical Fan Coil, Electric Heating, Floor Mounted, Chilled Water Coil, With Cabinet	4,535.59	312.31
		For Fan Coil Units Without Cabinet, Deduct	*-618.04*	
		For Thru-Wall Sleeve, Add	*179.59*	
		For 2-Way Valve Instead Of 3-Way, Deduct	*-111.72*	
23 82 19 00-0029	EA	1,200 CFM, 36 MBH Cooling, Vertical Fan Coil, Electric Heating, Floor Mounted, Chilled Water Coil, With Cabinet	5,335.82	338.82
		For Fan Coil Units Without Cabinet, Deduct	*-732.58*	
		For Thru-Wall Sleeve, Add	*190.58*	
		For 2-Way Valve Instead Of 3-Way, Deduct	*-115.84*	
23 82 19 00-0030		**Vertical Fan Coil Units With Hot Water Heating Coil** *(23 82 19 00-0021)*		
23 82 19 00-0031	EA	200 CFM, 6 MBH Cooling, Vertical Fan Coil, Hot Water Heating, Floor Mounted, Chilled Water Coil, With Cabinet	2,923.06	185.54
		For Fan Coil Units Without Cabinet, Deduct	*-401.28*	
		For Thru-Wall Sleeve, Add	*129.35*	
		For 2-Way Valve Instead Of 3-Way, Deduct	*-53.59*	
23 82 19 00-0032	EA	300 CFM, 9 MBH Cooling, Vertical Fan Coil, Hot Water Heating, Floor Mounted, Chilled Water Coil, With Cabinet	3,292.35	217.82
		For Fan Coil Units Without Cabinet, Deduct	*-450.36*	
		For Thru-Wall Sleeve, Add	*141.98*	
		For 2-Way Valve Instead Of 3-Way, Deduct	*-56.74*	
23 82 19 00-0033	EA	400 CFM, 12 MBH Cooling, Vertical Fan Coil, Hot Water Heating, Floor Mounted, Chilled Water Coil, With Cabinet	4,062.22	245.47
		For Fan Coil Units Without Cabinet, Deduct	*-560.29*	
		For Thru-Wall Sleeve, Add	*153.08*	
		For 2-Way Valve Instead Of 3-Way, Deduct	*-59.52*	
23 82 19 00-0034	EA	600 CFM, 18 MBH Cooling, Vertical Fan Coil, Hot Water Heating, Floor Mounted, Chilled Water Coil, With Cabinet	4,644.24	281.20
		For Fan Coil Units Without Cabinet, Deduct	*-640.42*	
		For Thru-Wall Sleeve, Add	*167.43*	
		For 2-Way Valve Instead Of 3-Way, Deduct	*-63.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 19 00-0035	EA	800 CFM, 24 MBH Cooling, Vertical Fan Coil, Hot Water Heating, Floor Mounted, Chilled Water Coil, With Cabinet	5,183.33	296.18
		For Fan Coil Units Without Cabinet, Deduct	*-718.40*	
		For Thru-Wall Sleeve, Add	*173.20*	
		For 2-Way Valve Instead Of 3-Way, Deduct	*-109.32*	
23 82 19 00-0036	EA	1,000 CFM, 30 MBH Cooling, Vertical Fan Coil, Hot Water Heating, Floor Mounted, Chilled Water Coil, With Cabinet	6,235.80	312.31
		For Fan Coil Units Without Cabinet, Deduct	*-873.08*	
		For Thru-Wall Sleeve, Add	*179.59*	
		For 2-Way Valve Instead Of 3-Way, Deduct	*-111.72*	
23 82 19 00-0037	EA	1,200 CFM, 36 MBH Cooling, Vertical Fan Coil, Hot Water Heating, Floor Mounted, Chilled Water Coil, With Cabinet	7,311.28	338.82
		For Fan Coil Units Without Cabinet, Deduct	*-1,028.90*	
		For Thru-Wall Sleeve, Add	*190.58*	
		For 2-Way Valve Instead Of 3-Way, Deduct	*-115.84*	
23 82 19 00-0038	EA	1,400 CFM, 42 MBH Cooling, Vertical Fan Coil, Hot Water Heating, Floor Mounted, Chilled Water Coil, With Cabinet	8,011.95	351.50
		For Fan Coil Units Without Cabinet, Deduct	*-1,131.49*	
		For Thru-Wall Sleeve, Add	*195.60*	
		For 2-Way Valve Instead Of 3-Way, Deduct	*-117.72*	
23 82 19 00-0039	EA	1,600 CFM, 48 MBH Cooling, Vertical Fan Coil, Hot Water Heating, Floor Mounted, Chilled Water Coil, With Cabinet	8,849.99	365.90
		For Fan Coil Units Without Cabinet, Deduct	*-1,254.32*	
		For Thru-Wall Sleeve, Add	*201.36*	
		For 2-Way Valve Instead Of 3-Way, Deduct	*-119.89*	
23 82 19 00-0040	EA	1,800 CFM, 54 MBH Cooling, Vertical Fan Coil, Hot Water Heating, Floor Mounted, Chilled Water Coil, With Cabinet	9,438.84	365.90
		For Fan Coil Units Without Cabinet, Deduct	*-1,339.77*	
		For Thru-Wall Sleeve, Add	*207.12*	
		For 2-Way Valve Instead Of 3-Way, Deduct	*-122.05*	

23 82 19 00-0041 Removal And Reinstallation Of Fan Coil Units *(23 82 19)*

Note: Includes storage and cleaning. Excludes supports.

23 82 19 00-0042	EA	Removal And Reinstallation Of Fan Coil Unit Horizontal Or Vertical	489.99

23 82 29 Radiators *(23 82)*

23 82 29 00-0001 Demolish Cast Iron Radiators *(23 82 29)*

23 82 29 00-0002	LF	Demolish Cast Iron Radiator	34.52
23 82 29 00-0003	EA	Cap Radiator	56.05

23 82 29 00-0004 Cast Iron Radiator *(23 82 29)*

23 82 29 00-0005	EA	19" High Cast Iron Radiator Section, Free Standing	68.15
		For Wall Support Bracket, Add	*28.71*
23 82 29 00-0006	EA	25" High Cast Iron Radiator Section, Free Standing	99.31
		For Wall Support Bracket, Add	*30.20*
23 82 29 00-0007	EA	30" High Cast Iron Radiator Section, Free Standing	116.46
23 82 29 00-0008	EA	36" High Cast Iron Radiator Section, Free Standing	148.37
23 82 29 00-0009	EA	20" High Cast Iron Radiator Section, Recessed With Grille	92.87

23 82 29 00-0010 Radiator Covers *(23 82 29)*

Note: Includes field cutouts, vent grilles, and insulation backing. To calculate quantity, measure the surface area of front, top and sides.

23 82 29 00-0011	SF	14 Gauge Stainless Steel Radiator Cover	132.09	5.83
23 82 29 00-0012	SF	Primed And Painted, Galvanized Steel Radiator Cover	81.91	5.83

23 82 29 00-0013 Radiator Shields *(23 82 29)*

23 82 29 00-0014	SF	Stainless Steel Radiator Shield	60.16	5.83
23 82 29 00-0015	SF	Primed And Painted, Galvanized Steel Radiator Shield	48.80	5.83

23 82 29 00-0016 Removal And Reinstallation Of Radiator *(23 82 29)*

Note: Includes storage and cleaning.

23 82 29 00-0017	LF	Removal And Reinstallation Of Cast Iron Radiator	86.43
23 82 29 00-0018	LF	Removal And Reinstallation Of Electric Radiator	57.62

23 82 33 Convectors *(23 82)*

23 82 33 00-0001 Multi-Fin Convectors For Two-Pipe System *(23 82 33)*

Note: Complete with 6-1/4" deep cabinet enclosure.

23 82 33 00-0002 20" High Multi-Fin Convectors For Two-Pipe System *(23 82 33 00-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 33 00-0003	EA	20" High x 2' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	591.75	126.77
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*63.62*	
		For Snap-On Inlet Grille, Add	*48.42*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*139.88*	
23 82 33 00-0004	EA	20" High x 3' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	698.01	138.30
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*68.86*	
		For Snap-On Inlet Grille, Add	*51.91*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*170.97*	
23 82 33 00-0005	EA	20" High x 4' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	802.82	163.65
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*80.32*	
		For Snap-On Inlet Grille, Add	*59.55*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*194.28*	
23 82 33 00-0006	EA	20" High x 6' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	961.71	190.15
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*92.42*	
		For Snap-On Inlet Grille, Add	*67.62*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*235.77*	
23 82 33 00-0007	EA	20" High x 8' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,146.74	228.18
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*109.70*	
		For Snap-On Inlet Grille, Add	*79.13*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*280.37*	
23 82 33 00-0008	EA	20" High x 10' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,290.50	251.00
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*120.06*	
		For Snap-On Inlet Grille, Add	*86.04*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*318.61*	
23 82 33 00-0009	EA	20" High x 12' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,498.57	304.24
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*144.25*	
		For Snap-On Inlet Grille, Add	*102.16*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*363.21*	
23 82 33 00-0010	EA	20" High x 14' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,636.64	323.26
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*152.90*	
		For Snap-On Inlet Grille, Add	*107.93*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*401.45*	
23 82 33 00-0011	EA	20" High x 16' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,785.23	361.29
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*170.16*	
		For Snap-On Inlet Grille, Add	*119.44*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*433.31*	
23 82 33 00-0012	EA	20" High x 18' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,970.36	399.32
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*187.47*	
		For Snap-On Inlet Grille, Add	*130.98*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*477.91*	
23 82 33 00-0013	EA	20" High x 20' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	2,118.97	437.35
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*204.74*	
		For Snap-On Inlet Grille, Add	*142.49*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*509.78*	

23 82 33 00-0014 26" High Multi-Fin Convectors For Two-Pipe System *(23 82 33 00-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 33 00-0015	EA	26" High x 2' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	694.17	166.75
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*81.03*	
		For Snap-On Inlet Grille, Add	*60.02*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*155.43*	
23 82 33 00-0016	EA	26" High x 3' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	815.25	193.72
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*93.13*	
		For Snap-On Inlet Grille, Add	*68.09*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*183.69*	
23 82 33 00-0017	EA	26" High x 4' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	986.89	227.50
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*108.29*	
		For Snap-On Inlet Grille, Add	*78.19*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*226.08*	
23 82 33 00-0018	EA	26" High x 6' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,157.84	253.66
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*120.03*	
		For Snap-On Inlet Grille, Add	*86.02*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*272.21*	
23 82 33 00-0019	EA	26" High x 8' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,352.35	285.23
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*134.24*	
		For Snap-On Inlet Grille, Add	*95.49*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*323.71*	
23 82 33 00-0020	EA	26" High x 10' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,514.20	308.97
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*144.96*	
		For Snap-On Inlet Grille, Add	*102.64*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*367.85*	
23 82 33 00-0021	EA	26" High x 12' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,726.79	352.07
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*164.59*	
		For Snap-On Inlet Grille, Add	*115.73*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*419.35*	
23 82 33 00-0022	EA	26" High x 14' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,884.79	373.62
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*174.16*	
		For Snap-On Inlet Grille, Add	*122.10*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*463.49*	
23 82 33 00-0023	EA	26" High x 16' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	2,039.77	407.38
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*189.12*	
		For Snap-On Inlet Grille, Add	*132.08*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*500.28*	
23 82 33 00-0024	EA	26" High x 18' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	2,237.31	440.47
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*204.24*	
		For Snap-On Inlet Grille, Add	*142.16*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*551.78*	
23 82 33 00-0025	EA	26" High x 20' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	2,387.76	470.77
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*217.85*	
		For Snap-On Inlet Grille, Add	*151.23*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*588.56*	

23 82 33 00-0026 32" High Multi-Fin Convectors For Two-Pipe System *(23 82 33 00-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 33 00-0027	EA	32" High x 2' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	795.64	202.83
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*98.15*	
		For Snap-On Inlet Grille, Add	*71.43*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*170.97*	
23 82 33 00-0028	EA	32" High x 3' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	949.05	245.47
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*117.53*	
		For Snap-On Inlet Grille, Add	*84.35*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*202.05*	
23 82 33 00-0029	EA	32" High x 4' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,145.07	286.96
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*136.37*	
		For Snap-On Inlet Grille, Add	*96.91*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*248.68*	
23 82 33 00-0030	EA	32" High x 6' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,327.98	311.85
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*147.74*	
		For Snap-On Inlet Grille, Add	*104.49*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*299.43*	
23 82 33 00-0031	EA	32" High x 8' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,527.47	336.97
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*159.03*	
		For Snap-On Inlet Grille, Add	*112.02*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*356.08*	
23 82 33 00-0032	EA	32" High x 10' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,703.30	361.29
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*170.16*	
		For Snap-On Inlet Grille, Add	*119.44*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*404.63*	
23 82 33 00-0033	EA	32" High x 12' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,911.50	391.71
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*184.07*	
		For Snap-On Inlet Grille, Add	*128.71*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*461.28*	
23 82 33 00-0034	EA	32" High x 14' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	2,088.50	416.83
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*195.55*	
		For Snap-On Inlet Grille, Add	*136.36*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*509.84*	
23 82 33 00-0035	EA	32" High x 16' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	2,245.60	444.96
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*207.99*	
		For Snap-On Inlet Grille, Add	*144.66*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*550.30*	
23 82 33 00-0036	EA	32" High x 18' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	2,448.87	471.58
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*220.42*	
		For Snap-On Inlet Grille, Add	*152.95*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*606.95*	
23 82 33 00-0037	EA	32" High x 20' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	2,598.48	494.40
		For Knob Operated Damper, Add	*15.00*	
		For Metal Trim Strips, Add	*230.62*	
		For Snap-On Inlet Grille, Add	*159.75*	
		For Access Doors Hinged, Add	*15.00*	
		For Air Chamber, Auto-vent, Add	*18.00*	
		For 3 Tubes System, Add	*647.41*	

23 82 33 00-0038 Electric Convectors, Floor Standing Units *(23 82 33)*

23 82 33 00-0039 4" Deep Electric Convectors *(23 82 33 00-0038)*

23 82 33 00-0040	EA	38" Long x 14" High x 4" Deep Electric Convectors, Floor Standing Units	610.70	115.18
23 82 33 00-0041	EA	50" Long x 14" High x 4" Deep Electric Convectors, Floor Standing Units	676.64	115.18

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 33 00-0042		**6" Deep Electric Convectors** *(23 82 33 00-0038)*		
23 82 33 00-0043	EA	38" Long x 14" High x 6" Deep Electric Convectors, Floor Standing Units	707.07	115.18
23 82 33 00-0044	EA	50" Long x 14" High x 6" Deep Electric Convectors, Floor Standing Units	808.51	115.18
23 82 33 00-0045	EA	62" Long x 20" High x 6" Deep Electric Convectors, Floor Standing Units	897.27	115.18
23 82 33 00-0046	EA	74" Long x 20" High x 6" Deep Electric Convectors, Floor Standing Units	1,036.75	115.18
23 82 36		**Finned-Tube Radiation Heaters** *(23 82)*		
23 82 36 00-0001		Finned Tube Baseboard Units *(23 82 36)*		
		Note: Complete with steel enclosure. Single heating element.		
23 82 36 00-0002		3/4" IPS Steel Tube With Steel Fins *(23 82 36 00-0001)*		
23 82 36 00-0003	EA	4' Long Finned Tube Baseboard Unit Complete With Enclosure And 3/4" IPS Heat Element	372.86	44.95
		For 90 Degree Corner, Add	*53.49*	
		For Valve Enclosure, Add	*53.49*	
		For Filler Piece, Add	*46.49*	
		For End Cap, Add	*36.27*	
		For Copper Tube With Aluminum Fins, Add	*8.55*	
23 82 36 00-0004	EA	6' Long Finned Tube Baseboard Unit Complete With Enclosure And 3/4" IPS Heat Element	495.05	67.99
		For 90 Degree Corner, Add	*62.38*	
		For Valve Enclosure, Add	*62.38*	
		For Filler Piece, Add	*55.38*	
		For End Cap, Add	*42.05*	
		For Copper Tube With Aluminum Fins, Add	*12.82*	
23 82 36 00-0005	EA	8' Long Finned Tube Baseboard Unit Complete With Enclosure And 3/4" IPS Heat Element	598.95	89.89
		For 90 Degree Corner, Add	*67.62*	
		For Valve Enclosure, Add	*67.62*	
		For Filler Piece, Add	*60.62*	
		For End Cap, Add	*45.45*	
		For Copper Tube With Aluminum Fins, Add	*17.10*	
23 82 36 00-0006	EA	10' Long Finned Tube Baseboard Unit Complete With Enclosure And 3/4" IPS Heat Element	746.07	125.85
		For 90 Degree Corner, Add	*81.91*	
		For Valve Enclosure, Add	*81.91*	
		For Filler Piece, Add	*74.91*	
		For End Cap, Add	*54.74*	
		For Copper Tube With Aluminum Fins, Add	*21.26*	
23 82 36 00-0007	EA	12' Long Finned Tube Baseboard Unit Complete With Enclosure And 3/4" IPS Heat Element	892.28	151.20
		For 90 Degree Corner, Add	*96.43*	
		For Valve Enclosure, Add	*96.43*	
		For Filler Piece, Add	*89.43*	
		For End Cap, Add	*64.18*	
		For Copper Tube With Aluminum Fins, Add	*25.31*	
23 82 36 00-0008	EA	14' Long Finned Tube Baseboard Unit Complete With Enclosure And 3/4" IPS Heat Element	1,013.14	161.34
		For 90 Degree Corner, Add	*102.20*	
		For Valve Enclosure, Add	*102.20*	
		For Filler Piece, Add	*95.20*	
		For End Cap, Add	*67.93*	
		For Copper Tube With Aluminum Fins, Add	*30.37*	
23 82 36 00-0009	EA	16' Long Finned Tube Baseboard Unit Complete With Enclosure And 3/4" IPS Heat Element	1,116.76	178.28
		For 90 Degree Corner, Add	*111.88*	
		For Valve Enclosure, Add	*111.88*	
		For Filler Piece, Add	*104.88*	
		For End Cap, Add	*74.22*	
		For Copper Tube With Aluminum Fins, Add	*33.41*	
23 82 36 00-0010	EA	18' Long Finned Tube Baseboard Unit Complete With Enclosure And 3/4" IPS Heat Element	1,275.61	201.68
		For 90 Degree Corner, Add	*125.24*	
		For Valve Enclosure, Add	*125.24*	
		For Filler Piece, Add	*118.24*	
		For End Cap, Add	*82.91*	
		For Copper Tube With Aluminum Fins, Add	*38.47*	
23 82 36 00-0011	EA	20' Long Finned Tube Baseboard Unit Complete With Enclosure And 3/4" IPS Heat Element	1,406.92	221.84
		For 90 Degree Corner, Add	*136.78*	
		For Valve Enclosure, Add	*136.78*	
		For Filler Piece, Add	*129.78*	
		For End Cap, Add	*90.41*	
		For Copper Tube With Aluminum Fins, Add	*42.52*	
23 82 36 00-0012		1" IPS Steel Tube With Steel Fins *(23 82 36 00-0001)*		
23 82 36 00-0013	EA	4' Long Finned Tube Baseboard Unit Complete With Enclosure And 1" IPS Heat Element	439.48	44.95
		For 90 Degree Corner, Add	*53.49*	
		For Valve Enclosure, Add	*53.49*	
		For Filler Piece, Add	*46.49*	
		For End Cap, Add	*36.27*	
		For Copper Tube With Aluminum Fins, Add	*12.21*	
23 82 36 00-0014	EA	6' Long Finned Tube Baseboard Unit Complete With Enclosure And 1" IPS Heat Element	594.97	67.99
		For 90 Degree Corner, Add	*62.38*	
		For Valve Enclosure, Add	*62.38*	
		For Filler Piece, Add	*55.38*	
		For End Cap, Add	*42.05*	
		For Copper Tube With Aluminum Fins, Add	*18.32*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 36 00-0015	EA	8' Long Finned Tube Baseboard Unit Complete With Enclosure And 1" IPS Heat Element	732.18	89.89
		For 90 Degree Corner, Add	*67.62*	
		For Valve Enclosure, Add	*67.62*	
		For Filler Piece, Add	*60.62*	
		For End Cap, Add	*45.45*	
		For Copper Tube With Aluminum Fins, Add	*24.42*	
23 82 36 00-0016	EA	10' Long Finned Tube Baseboard Unit Complete With Enclosure And 1" IPS Heat Element	911.86	125.85
		For 90 Degree Corner, Add	*81.94*	
		For Valve Enclosure, Add	*81.94*	
		For Filler Piece, Add	*74.94*	
		For End Cap, Add	*54.76*	
		For Copper Tube With Aluminum Fins, Add	*30.37*	
23 82 36 00-0017	EA	12' Long Finned Tube Baseboard Unit Complete With Enclosure And 1" IPS Heat Element	1,089.28	151.20
		For 90 Degree Corner, Add	*96.39*	
		For Valve Enclosure, Add	*96.39*	
		For Filler Piece, Add	*89.39*	
		For End Cap, Add	*64.15*	
		For Copper Tube With Aluminum Fins, Add	*36.15*	
23 82 36 00-0018	EA	14' Long Finned Tube Baseboard Unit Complete With Enclosure And 1" IPS Heat Element	1,249.79	161.34
		For 90 Degree Corner, Add	*102.20*	
		For Valve Enclosure, Add	*102.20*	
		For Filler Piece, Add	*95.20*	
		For End Cap, Add	*67.93*	
		For Copper Tube With Aluminum Fins, Add	*43.38*	
23 82 36 00-0019	EA	16' Long Finned Tube Baseboard Unit Complete With Enclosure And 1" IPS Heat Element	1,376.71	178.28
		For 90 Degree Corner, Add	*111.80*	
		For Valve Enclosure, Add	*111.80*	
		For Filler Piece, Add	*104.80*	
		For End Cap, Add	*74.17*	
		For Copper Tube With Aluminum Fins, Add	*47.72*	
23 82 36 00-0020	EA	18' Long Finned Tube Baseboard Unit Complete With Enclosure And 1" IPS Heat Element	1,575.37	201.68
		For 90 Degree Corner, Add	*125.24*	
		For Valve Enclosure, Add	*125.24*	
		For Filler Piece, Add	*118.24*	
		For End Cap, Add	*82.91*	
		For Copper Tube With Aluminum Fins, Add	*54.95*	
23 82 36 00-0021	EA	20' Long Finned Tube Baseboard Unit Complete With Enclosure And 1" IPS Heat Element	1,737.54	221.84
		For 90 Degree Corner, Add	*136.64*	
		For Valve Enclosure, Add	*136.64*	
		For Filler Piece, Add	*129.64*	
		For End Cap, Add	*90.32*	
		For Copper Tube With Aluminum Fins, Add	*60.74*	
23 82 36 00-0022		1-1/4" IPS Steel Tube With Steel Fins *(23 82 36 00-0001)*		
23 82 36 00-0023	EA	4' Long Finned Tube Baseboard Unit Complete With Enclosure And 1-1/4" IPS Heat Element	506.09	44.95
		For 90 Degree Corner, Add	*53.49*	
		For Valve Enclosure, Add	*53.49*	
		For Filler Piece, Add	*46.49*	
		For End Cap, Add	*36.27*	
		For Copper Tube With Aluminum Fins, Add	*15.88*	
23 82 36 00-0024	EA	6' Long Finned Tube Baseboard Unit Complete With Enclosure And 1-1/4" IPS Heat Element	694.89	67.99
		For 90 Degree Corner, Add	*62.38*	
		For Valve Enclosure, Add	*62.38*	
		For Filler Piece, Add	*55.38*	
		For End Cap, Add	*42.05*	
		For Copper Tube With Aluminum Fins, Add	*23.81*	
23 82 36 00-0025	EA	8' Long Finned Tube Baseboard Unit Complete With Enclosure And 1-1/4" IPS Heat Element	865.40	89.89
		For 90 Degree Corner, Add	*67.62*	
		For Valve Enclosure, Add	*67.62*	
		For Filler Piece, Add	*60.62*	
		For End Cap, Add	*45.45*	
		For Copper Tube With Aluminum Fins, Add	*31.75*	
23 82 36 00-0026	EA	10' Long Finned Tube Baseboard Unit Complete With Enclosure And 1-1/4" IPS Heat Element	1,077.51	125.85
		For 90 Degree Corner, Add	*81.94*	
		For Valve Enclosure, Add	*81.94*	
		For Filler Piece, Add	*74.94*	
		For End Cap, Add	*54.76*	
		For Copper Tube With Aluminum Fins, Add	*39.48*	
23 82 36 00-0027	EA	12' Long Finned Tube Baseboard Unit Complete With Enclosure And 1-1/4" IPS Heat Element	1,286.48	151.20
		For 90 Degree Corner, Add	*96.39*	
		For Valve Enclosure, Add	*96.39*	
		For Filler Piece, Add	*89.39*	
		For End Cap, Add	*64.15*	
		For Copper Tube With Aluminum Fins, Add	*47.00*	
23 82 36 00-0028	EA	14' Long Finned Tube Baseboard Unit Complete With Enclosure And 1-1/4" IPS Heat Element	1,486.43	161.34
		For 90 Degree Corner, Add	*102.20*	
		For Valve Enclosure, Add	*102.20*	
		For Filler Piece, Add	*95.20*	
		For End Cap, Add	*67.93*	
		For Copper Tube With Aluminum Fins, Add	*56.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 36 00-0029	EA	16' Long Finned Tube Baseboard Unit Complete With Enclosure And 1-1/4" IPS Heat Element	1,637.02	178.28
		For 90 Degree Corner, Add	*111.80*	
		For Valve Enclosure, Add	*111.80*	
		For Filler Piece, Add	*104.80*	
		For End Cap, Add	*74.17*	
		For Copper Tube With Aluminum Fins, Add	*62.04*	
23 82 36 00-0030	EA	18' Long Finned Tube Baseboard Unit Complete With Enclosure And 1-1/4" IPS Heat Element	1,875.12	201.68
		For 90 Degree Corner, Add	*125.24*	
		For Valve Enclosure, Add	*125.24*	
		For Filler Piece, Add	*118.24*	
		For End Cap, Add	*82.91*	
		For Copper Tube With Aluminum Fins, Add	*71.44*	
23 82 36 00-0031	EA	20' Long Finned Tube Baseboard Unit Complete With Enclosure And 1-1/4" IPS Heat Element	2,068.84	221.84
		For 90 Degree Corner, Add	*136.64*	
		For Valve Enclosure, Add	*136.64*	
		For Filler Piece, Add	*129.64*	
		For End Cap, Add	*90.32*	
		For Copper Tube With Aluminum Fins, Add	*78.96*	

23 82 36 00-0032 Electric Baseboard Heating *(23 82 36)*

Note: Includes 24 gauge steel enclosure and heating element

23 82 36 00-0033 Electric Wall Heating 10" Enclosure *(23 82 36 00-0032)*

23 82 36 00-0034	LF	Electric Wall Heating, 10" Enclosure, Low Capacity Electric Unit, Element <250 Watts/FT	138.94	63.99
23 82 36 00-0035	LF	Electric Wall Heating, 10" Enclosure, Low Capacity Electric Unit, Element >= 250 Watts/FT	141.99	63.99

23 82 36 00-0036 Electric Wall Heating 16" Enclosure *(23 82 36 00-0032)*

23 82 36 00-0037	LF	Electric Wall Heating, 16" Enclosure, Low Capacity Electric Unit, Element <350 Watts/FT	169.37	63.99
23 82 36 00-0038	LF	Electric Wall Heating, 16" Enclosure, Low Capacity Electric Unit, Element >= 350 Watts/FT	176.98	63.99

23 82 39 Unit Heaters *(23 82)*

23 82 39 13 Cabinet Unit Heaters *(23 82 39)*

23 82 39 13-0001 Electric Cabinet Unit Heaters *(23 82 39 13)*

Note: Can be mounted on the ceiling, floor or wall. Includes built-in thermostat. 208, 240/208, 277, or 480 Volt.

23 82 39 13-0002 Electric Cabinet Unit Heaters, 35" Cabinet Length *(23 82 39 13-0001)*

23 82 39 13-0003	EA	2 KW, 250 CFM, 35" Electric Cabinet Unit Heater Note: Wall or floor mounted.	3,062.82	145.43
23 82 39 13-0004	EA	3 KW, 250 CFM, 35" Electric Cabinet Unit Heater Note: Wall or floor mounted.	3,087.15	145.43
23 82 39 13-0005	EA	4 KW, 250 CFM, 35" Electric Cabinet Unit Heater Note: Wall or floor mounted.	3,111.48	145.43
23 82 39 13-0006	EA	5 KW, 250 CFM, 35" Electric Cabinet Unit Heater Note: Wall or floor mounted.	3,135.79	145.43
23 82 39 13-0007	EA	6 KW, 250 CFM, 35" Electric Cabinet Unit Heater Note: Wall or floor mounted.	3,160.12	145.43
23 82 39 13-0008	EA	7 KW, 250 CFM, 35" Electric Cabinet Unit Heater Note: Wall or floor mounted.	3,184.45	145.43
23 82 39 13-0009	EA	8 KW, 250 CFM, 35" Electric Cabinet Unit Heater	3,209.74	145.43
23 82 39 13-0010	EA	For Ceiling Installation of 35" Cabinet Unit Heater, Add	194.29	96.57

23 82 39 13-0011 Electric Cabinet Unit Heaters, 45" Cabinet Length *(23 82 39 13-0001)*

23 82 39 13-0012	EA	4 KW, 500 CFM, 45" Electric Cabinet Unit Heater Note: Wall or floor mounted.	3,252.35	174.51
23 82 39 13-0013	EA	6 KW, 500 CFM, 45" Electric Cabinet Unit Heater Note: Wall or floor mounted.	3,301.01	174.51
23 82 39 13-0014	EA	8 KW, 500 CFM, 45" Electric Cabinet Unit Heater Note: Wall or floor mounted.	3,349.64	174.51
23 82 39 13-0015	EA	10 KW, 500 CFM, 45" Electric Cabinet Unit Heater Note: Wall or floor mounted.	3,398.30	174.51
23 82 39 13-0016	EA	12 KW, 500 CFM, 45" Electric Cabinet Unit Heater Note: Wall or floor mounted.	3,446.94	174.51
23 82 39 13-0017	EA	14 KW, 500 CFM, 45" Electric Cabinet Unit Heater Note: Wall or floor mounted.	3,495.60	174.51
23 82 39 13-0018	EA	16 KW, 500 CFM, 45" Electric Cabinet Unit Heater Note: Wall or floor mounted.	3,544.24	174.51
23 82 39 13-0019	EA	For Ceiling Installation of 45" Cabinet Unit Heater, Add	232.69	116.35

23 82 39 13-0020 Electric Cabinet Unit Heaters, 58" Cabinet Length *(23 82 39 13-0001)*

23 82 39 13-0021	EA	6 KW, 750 CFM, 58" Electric Cabinet Unit Heater Note: Wall or floor mounted.	4,081.87	232.69
23 82 39 13-0022	EA	8 KW, 750 CFM, 58" Electric Cabinet Unit Heater Note: Wall or floor mounted.	4,130.50	232.69
23 82 39 13-0023	EA	10 KW, 750 CFM, 58" Electric Cabinet Unit Heater Note: Wall or floor mounted.	4,179.16	232.69
23 82 39 13-0024	EA	12 KW, 750 CFM, 58" Electric Cabinet Unit Heater Note: Wall or floor mounted.	4,227.80	232.69

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 39 13-0025	EA	14 KW, 750 CFM, 58" Electric Cabinet Unit Heater Note: Wall or floor mounted.	4,276.46	232.69
23 82 39 13-0026	EA	16 KW, 750 CFM, 58" Electric Cabinet Unit Heater Note: Wall or floor mounted.	4,325.10	232.69
23 82 39 13-0027	EA	For Ceiling Installation of 58" Cabinet Unit Heater, Add	290.86	145.43
23 82 39 13-0028		Electric Cabinet Unit Heaters, 68" Cabinet Length *(23 82 39 13-0001)*		
23 82 39 13-0029	EA	6 KW, 750 CFM, 68" Electric Cabinet Unit Heater Note: Wall or floor mounted.	4,814.11	290.86
23 82 39 13-0030	EA	9 KW, 750 CFM, 68" Electric Cabinet Unit Heater Note: Wall or floor mounted.	4,887.08	290.86
23 82 39 13-0031	EA	12 KW, 750 CFM, 68" Electric Cabinet Unit Heater Note: Wall or floor mounted.	4,960.04	290.86
23 82 39 13-0032	EA	15 KW, 750 CFM, 68" Electric Cabinet Unit Heater Note: Wall or floor mounted.	5,033.01	290.86
23 82 39 13-0033	EA	18 KW, 750 CFM, 68" Electric Cabinet Unit Heater Note: Wall or floor mounted.	5,106.00	290.86
23 82 39 13-0034	EA	21 KW, 750 CFM, 68" Electric Cabinet Unit Heater Note: Wall or floor mounted.	5,178.97	290.86
23 82 39 13-0035	EA	24 KW, 750 CFM, 68" Electric Cabinet Unit Heater Note: Wall or floor mounted.	5,251.93	290.86
23 82 39 13-0036	EA	For Ceiling Installation of 68" Cabinet Unit Heater, Add	388.59	194.29
23 82 39 13-0037		Electric Cabinet Unit Heaters, 78" Cabinet Length *(23 82 39 13-0001)*		
23 82 39 13-0038	EA	8 KW, 1,000 CFM, 78" Electric Cabinet Unit Heater Note: Wall or floor mounted.	5,643.63	349.04
23 82 39 13-0039	EA	12 KW, 1,000 CFM, 78" Electric Cabinet Unit Heater Note: Wall or floor mounted.	5,740.93	349.04
23 82 39 13-0040	EA	16 KW, 1,000 CFM, 78" Electric Cabinet Unit Heater Note: Wall or floor mounted.	5,838.22	349.04
23 82 39 13-0041	EA	20 KW, 1,000 CFM, 78" Electric Cabinet Unit Heater Note: Wall or floor mounted.	5,935.52	349.04
23 82 39 13-0042	EA	24 KW, 1,000 CFM, 78" Electric Cabinet Unit Heater Note: Wall or floor mounted.	6,032.81	349.04
23 82 39 13-0043	EA	28 KW, 1,000 CFM, 78" Electric Cabinet Unit Heater Note: Wall or floor mounted.	6,130.11	349.04
23 82 39 13-0044	EA	32 KW, 1,000 CFM, 78" Electric Cabinet Unit Heater Note: Wall or floor mounted.	6,227.41	349.04
23 82 39 13-0045	EA	For Ceiling Installation of 78" Cabinet Unit Heater, Add	465.37	232.69
23 82 39 13-0046		Removal and Reinstallation of Cabinet Unit Heaters *(23 82 39 13)* Note: Includes disconnection/reconnection of power and piping, storage, cleaning and reinstallation. Excludes removal and reinstallation of equipment supports.		
23 82 39 13-0047	EA	Removal And Reinstallation Of Up To 58" Cabinet Unit Heater, Floor or Wall	316.92	
23 82 39 13-0048	EA	Removal And Reinstallation Of >58" Cabinet Unit Heater, Floor or Wall	547.42	
23 82 39 13-0049	EA	Removal And Reinstallation Of Up To 58" Cabinet Unit Heater, Ceiling	653.44	
23 82 39 13-0050	EA	Removal And Reinstallation Of >58" Cabinet Unit Heater, Ceiling	883.92	
23 82 39 16		**Propeller Unit Heaters** *(23 82 39)*		
23 82 39 16-0001		Hydronic Unit Heaters Using Steam Or Hot Water *(23 82 39 16)* Note: For use with either steam or heating hot water. Heating output capacities for both are listed.		
23 82 39 16-0002		Horizontal Hydronic Unit Heaters, Fan Propelled, 115 Volt *(23 82 39 16-0001)*		
23 82 39 16-0003	EA	18 MBH Steam, 13 MBH Hot Water, 395 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt	1,008.70	115.24
23 82 39 16-0004	EA	24 MBH Steam, 17.4 MBH Hot Water, 450 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt	1,010.82	115.24
23 82 39 16-0005	EA	36 MBH Steam, 26.1 MBH Hot Water, 550 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt	1,132.83	115.24
23 82 39 16-0006	EA	48 MBH Steam, 34.8 MBH Hot Water, 750 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt	1,375.07	172.87
23 82 39 16-0007	EA	60 MBH Steam, 43.6 MBH Hot Water, 900 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt	1,437.49	172.87
23 82 39 16-0008	EA	72 MBH Steam, 52.3 MBH Hot Water, 1,100 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt	1,530.44	172.87
23 82 39 16-0009	EA	84 MBH Steam, 61 MBH Hot Water, 2,400 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt	1,828.68	230.49
23 82 39 16-0010	EA	96 MBH Steam, 69.7 MBH Hot Water, 2,400 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt	2,015.96	230.49
23 82 39 16-0011	EA	108 MBH Steam, 78.4 MBH Hot Water, 2,800 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt	2,135.14	230.49
23 82 39 16-0012	EA	120 MBH Steam, 87.1 MBH Hot Water, 2,900 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt	2,231.61	230.49
23 82 39 16-0013	EA	132 MBH Steam, 95.8 MBH Hot Water, 2.000 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt	2,508.58	288.11
23 82 39 16-0014	EA	144 MBH Steam, 104 MBH Hot Water, 2,200 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt	2,541.23	288.11
23 82 39 16-0015	EA	156 MBH Steam, 113 MBH Hot Water, 2,600 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt	2,572.44	288.11
23 82 39 16-0016	EA	180 MBH Steam, 118 MBH Hot Water, 2,200 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt	2,725.94	345.74
23 82 39 16-0017	EA	204 MBH Steam, 148 MBH Hot Water, 2,900 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt	2,969.97	345.74
23 82 39 16-0018	EA	240 MBH Steam, 174 MBH Hot Water, 3,500 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt	3,384.73	403.36
23 82 39 16-0019	EA	280 MBH Steam, 209.1 MBH Hot Water, 4,200 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt	4,268.62	403.36
23 82 39 16-0020	EA	300 MBH Steam, 230 MBH Hot Water, 5,000 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt	4,528.48	460.98
23 82 39 16-0021	EA	360 MBH Steam, 261.3 MBH Hot Water, 5,500 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt	5,436.50	460.98
23 82 39 16-0022	EA	Fan Guard For Fan Propelled Steam Unit Heater, Horizontal Note: Required only for unit heaters located within 7' of a working surface.	273.96	28.81
23 82 39 16-0023		Vertical Hydronic Unit Heaters, Fan Propelled, 115 Volt *(23 82 39 16-0001)*		
23 82 39 16-0024	EA	41.3 MBH Steam, 22.7 MBH Hot Water, 595 CFM Unit Heater Fan Propelled, Vertical, 115 Volt	1,458.79	115.24

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 39 16-0025	EA	65.5 MBH Steam, 39.6 MBH Hot Water, 989 CFM Unit Heater Fan Propelled, Vertical, 115 Volt	1,526.17	172.87
23 82 39 16-0026	EA	80.6 MBH Steam, 48.4 MBH Hot Water, 1,200 CFM Unit Heater Fan Propelled, Vertical, 115 Volt	1,648.90	172.87
23 82 39 16-0027	EA	101.8 MBH Steam, 68.3 MBH Hot Water, 1,490 CFM Unit Heater Fan Propelled, Vertical, 115 Volt	2,020.23	230.49
23 82 39 16-0028	EA	124.4 MBH Steam, 83.7 MBH Hot Water, 1,790 CFM Unit Heater Fan Propelled, Vertical, 115 Volt	2,140.81	230.49
23 82 39 16-0029	EA	152 MBH Steam, 105.2 MBH Hot Water, 2,220 CFM Unit Heater Fan Propelled, Vertical, 115 Volt	2,507.44	345.74
23 82 39 16-0030	EA	173 MBH Steam, 118.6 MBH Hot Water, 2,620 CFM Unit Heater Fan Propelled, Vertical, 115 Volt	2,691.89	345.74
23 82 39 16-0031	EA	210.2 MBH Steam, 139.7 MBH Hot Water, 3,200 CFM Unit Heater Fan Propelled, Vertical, 115 Volt	2,846.55	345.74
23 82 39 16-0032	EA	249.8 MBH Steam, 180.1 MBH Hot Water, 4,180 CFM Unit Heater Fan Propelled, Vertical, 115 Volt	3,173.32	403.36
23 82 39 16-0033	EA	283.8 MBH Steam, 205.4 MBH Hot Water, 4,430 CFM Unit Heater Fan Propelled, Vertical, 115 Volt	3,356.36	403.36
23 82 39 16-0034	EA	333.4 MBH Steam, 242.9 MBH Hot Water, 5,210 CFM Unit Heater Fan Propelled, Vertical, 115 Volt	3,726.64	403.36
23 82 39 16-0035	EA	386 MBH Steam, 280.8 MBH Hot Water, 6,140 CFM Unit Heater Fan Propelled, Vertical, 115 Volt	4,294.70	518.59
23 82 39 16-0036	EA	496 MBH Steam, 368.1 MBH Hot Water, 8,020 CFM Unit Heater Fan Propelled, Vertical, 115 Volt	5,526.20	518.59
23 82 39 16-0037	EA	585 MBH Steam, 431.1 MBH Hot Water, 9,450 CFM Unit Heater Fan Propelled, Vertical, 115 Volt	5,903.60	518.59
23 82 39 16-0038	EA	705 MBH Steam, 519.4 MBH Hot Water, 11,000 CFM Unit Heater Fan Propelled, Vertical, 115 Volt	6,725.40	576.21
23 82 39 16-0039	EA	Fan Guard For Fan Propelled Steam Unit Heater, Vertical Note: Required only for unit heaters located within 7' of a working surface.	378.95	28.81

23 82 39 16-0040 Removal and Reinstallation of Propeller Unit Heaters *(23 82 39 16)*

Note: Includes disconnection/reconnection of power and piping, storage, cleaning and reinstallation. Excludes removal and reinstallation of equipment supports.

23 82 39 16-0041	EA	Removal And Reinstallation Of Up To 120 MBH Steam, 87.1 MBH Hot Water Hydronic Unit Heater, Horizontal or Vertical	691.46	
23 82 39 16-0042	EA	Removal And Reinstallation Of >120 MBH Steam, 87.1 MBH Hot Water Hydronic Unit Heater, Horizontal or Vertical	921.95	

23 82 39 19 Wall and Ceiling Unit Heaters *(23 82 39)*

23 82 39 19-0001 Electric Unit Heaters *(23 82 39 19)*

Note: May be mounted both vertically and horizontally.

23 82 39 19-0002	EA	3 KW, 350 CFM Electric Unit Heater, 208, 240/208, or 277 Volt	882.01	116.35
23 82 39 19-0003	EA	5 KW, 350 CFM Electric Unit Heater, 208, 240/208, or 277 Volt	882.01	116.35
23 82 39 19-0004	EA	7.5 KW, 650 CFM Electric Unit Heater, 208, 240/208, or 277 Volt	1,184.62	145.43
23 82 39 19-0005	EA	10 KW, 650 CFM Electric Unit Heater, 208, 240/208, or 277 Volt	1,357.59	174.51
23 82 39 19-0006	EA	15 KW, 910 CFM Electric Unit Heater, 208, 240/208, or 277 Volt	1,984.08	232.69
23 82 39 19-0007	EA	20 KW, 1,320 CFM Electric Unit Heater, 208, 240/208, 277, or 480 Volt	2,897.07	290.86
23 82 39 19-0008	EA	30 KW, 2,100 CFM Electric Unit Heater, Two speed; 208, 240/208, 277, or 480 Volt	4,006.28	349.04
23 82 39 19-0009	EA	50 KW, 3,000 CFM Electric Unit Heater, Two speed; 208, 240/208, 277, or 480 Volt	5,870.98	407.21
23 82 39 19-0010	EA	3 KW, 350 CFM Electric Unit Heater - 480 Volt	1,093.10	116.35
23 82 39 19-0011	EA	5 KW, 350 CFM Electric Unit Heater - 480 Volt	1,051.89	116.35
23 82 39 19-0012	EA	7.5 KW, 650 CFM Electric Unit Heater - 480 Volt	1,244.95	145.43
23 82 39 19-0013	EA	10 KW, 650 CFM Electric Unit Heater - 480 Volt	1,436.07	174.51
23 82 39 19-0014	EA	15 KW, 910 CFM Electric Unit Heater - 480 Volt	2,141.05	232.69

23 82 39 19-0015 Electric Ceiling and Wall Heaters *(23 82 39 19)*

Note: The "/" between wattages indicates two or three speed operation. 120, 240/208 or 277 Volt.

23 82 39 19-0016	EA	1,000, 1,500 Or 2,000 Watt Recessed Electric Wall Heater	400.71	72.72
23 82 39 19-0017	EA	1,500/750 Or 2,000/1,000 Watt Recessed Electric Wall Heater	469.32	81.44
23 82 39 19-0018	EA	3,000, 3,600, 4,000 Or 4,800 Watt Recessed Electric Wall Heater	740.07	81.44
23 82 39 19-0019	EA	1,500 Watt Surface Mounted Wall Heater	754.56	116.35
23 82 39 19-0020	EA	2,000 Watt Surface Mounted Wall Heater	768.40	93.07
		For Thermostat, SPST, Range 45 To 90 Degrees, Add	*75.00*	
23 82 39 19-0021	EA	2,500 Watt Surface Mounted Wall Heater	898.48	93.07
		For Thermostat, SPST, Range 45 To 90 Degrees, Add	*75.00*	
23 82 39 19-0022	EA	3,000 Watt Surface Mounted Wall Heater	971.35	116.35
		For Thermostat, SPST, Range 45 To 90 Degrees, Add	*75.00*	
23 82 39 19-0023	EA	4,000 Watt Surface Mounted Wall Heater	1,040.98	133.22
		For Thermostat, SPST, Range 45 To 90 Degrees, Add	*75.00*	
23 82 39 19-0024	EA	1,000, 1,500 Or 2,000 Watt Surface Mounted Electric Wall Heater	456.31	72.72
23 82 39 19-0025	EA	1,500/750 Or 2,000/1,000 Watt Surface Mounted Electric Wall Heater	557.08	81.44
23 82 39 19-0026	EA	3,000, 3,600, 4,000 Or 4,800 Watt Surface Mounted Electric Wall Heater	843.14	81.44
23 82 39 19-0027	EA	1,500 Watt Recessed Wall Heater	754.56	116.35
23 82 39 19-0028	EA	2,000 Watt Recessed Wall Heater	832.38	122.16
		For Thermostat, STSP, Range 45 To 90 Degrees, Add	*75.00*	
23 82 39 19-0029	EA	2,500 Watt Recessed Wall Heater	921.74	133.22
		For Thermostat, STSP, Range 45 To 90 Degrees, Add	*75.00*	
23 82 39 19-0030	EA	3,000 Watt Recessed Wall Heater	1,013.70	155.32
		For Thermostat, STSP, Range 45 To 90 Degrees, Add	*75.00*	
23 82 39 19-0031	EA	4,000 Watt Recessed Wall Heater	1,083.35	172.19
		For Thermostat, STSP, Range 45 To 90 Degrees, Add	*75.00*	
23 82 39 19-0032	EA	1,000, 1,500 Or 2,000/1,500 Watt Surface Mounted Electric Ceiling Heater	674.40	95.98
		For Surface Mounted Enclosure, Add	*203.25*	
		For Thermostat. SPST. Range 45-90 Degrees , Add	*75.00*	
23 82 39 19-0033	EA	3,000, 4,000 Or 4,000/3,000 Watt Surface Mounted Electric Ceiling Heater	1,245.83	101.80
		For Surface Mounted Enclosure, Add	*203.25*	
		For Thermostat. SPST. Range 45-90 Degrees , Add	*75.00*	
23 82 39 19-0034	EA	4,800/3,600 Watt Surface Mounted Electric Ceiling Heater	1,388.91	101.80
		For Surface Mounted Enclosure, Add	*203.25*	
		For Thermostat. SPST. Range 45-90 Degrees , Add	*75.00*	
23 82 39 19-0035	EA	Selectable Wattage (500 Or 750 Or 1000 Or 1,250 Or 1,500 Or 1,750 Or 2,250 Watt), 240 Volt, Surface Mounted, Electric Wall Heater (Markel Series 305 - Model H30522T2DWB)	650.15	72.72

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 39 19-0036		Removal And Reinstallation Of Electric Unit Heaters *(23 82 39 19)* Note: Includes disconnection/reconnection of power and piping, storage, cleaning and reinstallation. Excludes removal and reinstallation of equipment supports.		
23 82 39 19-0037	EA	Removal And Reinstallation Of Up To 15KW Electric Unit Heater	414.90	
23 82 39 19-0038	EA	Removal And Reinstallation Of >15 KW Electric Unit Heater	852.90	

23 83 Radiant Heating Units *(23 80)*

23 83 13 Radiant-Heating Electric Cables *(23 83)*

23 83 13 13 Radiant-Heating Electric Cables *(23 83 13)*

CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 83 13 13-0001		Self Regulating Heating Cable *(23 83 13 13)*		
23 83 13 13-0002	LF	3 Watt, 120 Volt, Self Regulating Low Temperature Heating Cable Note: Tinned copper braid, at 50 Degrees F.	9.03	0.81
23 83 13 13-0003	LF	5 Watt, 120 Volt, Self Regulating Low Temperature Heating Cable Note: Tinned copper braid, at 50 degrees F.	9.64	0.81
23 83 13 13-0004	LF	8 Watt, 120 Volt, Self Regulating Low Temperature Heating Cable Note: Tinned copper braid, at 50 degrees F.	10.07	0.81
23 83 13 13-0005	LF	3 Watt, 240 Volt, Self Regulating Low Temperature Heating Cable Note: Tinned copper braid, at 50 degrees F.	9.03	0.81
23 83 13 13-0006	LF	5 Watt, 240 Volt, Self Regulating Low Temperature Heating Cable Note: Tinned copper braid, at 50 degrees F	10.67	0.81
23 83 13 13-0007	LF	8 Watt, 240 Volt, Self Regulating Low Temperature Heating Cable Note: Tinned copper braid, at 50 degrees F.	11.28	0.81
23 83 13 13-0008	LF	3 Watt, 120 Volt, Self Regulating Low Temperature Heating Cable With TPR Overjacket For Protection Against Inorganic Chemical Solutions Note: Tinned copper braid, at 50 Degrees F.	11.26	0.81
23 83 13 13-0009	LF	5 Watt, 120 Volt, Self Regulating Low Temperature Heating Cable With TPR Overjacket For Protection Against Inorganic Chemical Solutions Note: Tinned copper braid, at 50 degrees F.	11.55	0.81
23 83 13 13-0010	LF	8 Watt, 120 Volt, Self Regulating Low Temperature Heating Cable With TPR Overjacket For Protection Against Inorganic Chemical Solutions Note: Tinned copper braid, at 50 degrees F.	11.83	0.81
23 83 13 13-0011	LF	3 Watt, 240 Volt, Self Regulating Low Temperature Heating Cable With TPR Overjacket For Protection Against Inorganic Chemical Solutions Note: Tinned copper braid, at 50 degrees F.	11.26	0.81
23 83 13 13-0012	LF	5 Watt, 240 Volt, Self Regulating Low Temperature Heating Cable With TPR Overjacket For Protection Against Inorganic Chemical Solutions Note: Tinned copper braid, at 50 degrees F	11.55	0.81
23 83 13 13-0013	LF	8 Watt, 240 Volt, Self Regulating Low Temperature Heating Cable With TPR Overjacket For Protection Against Inorganic Chemical Solutions Note: Tinned copper braid, at 50 degrees F.	11.83	0.81
23 83 13 13-0014	LF	3 Watt, 120 Volt, Self Regulating Low Temperature Heating Cable With TPE Overjacket For Hostile/Corrosive Environments Note: Tinned copper braid, at 50 Degrees F.	14.07	0.81
23 83 13 13-0015	LF	5 Watt, 120 Volt, Self Regulating Low Temperature Heating Cable With TPE Overjacket For Hostile/Corrosive Environments Note: Tinned copper braid, at 50 degrees F.	14.63	0.81
23 83 13 13-0016	LF	8 Watt, 120 Volt, Self Regulating Low Temperature Heating Cable With TPE Overjacket For Hostile/Corrosive Environments Note: Tinned copper braid, at 50 degrees F.	14.91	0.81
23 83 13 13-0017	LF	3 Watt, 240 Volt, Self Regulating Low Temperature Heating Cable With TPE Overjacket For Hostile/Corrosive Environments Note: Tinned copper braid, at 50 degrees F.	14.07	0.81
23 83 13 13-0018	LF	5 Watt, 240 Volt, Self Regulating Low Temperature Heating Cable With TPE Overjacket For Hostile/Corrosive Environments Note: Tinned copper braid, at 50 degrees F	14.63	0.81
23 83 13 13-0019	LF	8 Watt, 240 Volt, Self Regulating Low Temperature Heating Cable With TPE Overjacket For Hostile/Corrosive Environments Note: Tinned copper braid, at 50 degrees F.	14.91	0.81
23 83 13 13-0020	EA	Power Connection Kit With Pre-set Thermostat For Self Regulating Low Temperature Heating Cable	318.70	63.86
23 83 13 13-0021	EA	Splice And Tee Kit For Self Regulating Low Temperature Heating Cable	318.70	63.86
23 83 13 13-0022	EA	End Seal Kit For Self Regulating Low Temperature Heating Cable	214.21	11.61
23 83 13 13-0023	EA	Ambient Air Sensing Thermostat For Self Regulating Low Temperature Heating Cable	581.05	29.03
23 83 13 13-0024	EA	Mechanical Or Electrical Line Sensing Thermostat For Self Regulating Low Temperature Heating Cable	640.47	29.03

23 84 Humidity Control Equipment *(23 80)*

23 84 13 Humidifiers *(23 84)*

23 84 13 16 Wetted-Element Humidifiers *(23 84 13)*

CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 84 13 16-0001		Electric Steam Humidifiers, Self-Steam Producing *(23 84 13 16)* Note: Electronic modulating duct or air handling unit installation 208V-108V with 12" to 72" manifolds included.		
23 84 13 16-0002	EA	1-96 LB/Hour Electric Steam Humidifier, Self-Steam Producing With 12-72" Manifold	12,998.56	474.81
23 84 13 16-0003	EA	20-168 LB/Hour Electric Steam Humidifier, Self-Steam Producing With 12-72" Manifold	16,493.35	475.95

23 84 13 23 Direct-Steam-Injection Humidifiers *(23 84 13)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 84 13 23-0001		**Steam Type Pneumatically Controlled** *(23 84 13 23)* Note: For duct or air handling installation standard unit with integral operator distribution manifold strainer trap and pneumatic modulating valve. Excludes humidistat and piping.		
23 84 13 23-0002	EA	3-191 LB/Hour Steam Humidifier, 24" Manifold, Pneumatic Controls	2,078.27	304.24
		For Electrically Controlled Unit, Add	*700.00*	
		For Each Additional Manifold, Add	*638.85*	
23 84 13 23-0003	EA	3-191 LB/Hour Steam Humidifier, 48" Manifold, Pneumatic Controls	2,078.27	304.24
		For Electrically Controlled Unit, Add	*700.00*	
		For Each Additional Manifold, Add	*638.85*	
23 84 13 23-0004	EA	65-334 LB/Hour Steam Humidifier, 36" Manifold, Pneumatic Controls	2,997.76	304.24
		For Electrically Controlled Unit, Add	*700.00*	
		For Each Additional Manifold, Add	*914.69*	
23 84 13 23-0005	EA	65-334 LB/Hour Steam Humidifier, 72" Manifold, Pneumatic Controls	3,112.99	380.31
		For Electrically Controlled Unit, Add	*700.00*	
		For Each Additional Manifold, Add	*953.10*	
23 84 13 23-0006	EA	100-690 LB/Hour Steam Humidifier, 48" Manifold, Pneumatic Controls	4,509.65	304.24
		For Electrically Controlled Unit, Add	*700.00*	
		For Each Additional Manifold, Add	*1,368.26*	
23 84 13 23-0007	EA	100-690 LB/Hour Steam Humidifier, 84" Manifold, Pneumatic Controls	4,624.88	380.31
		For Electrically Controlled Unit, Add	*700.00*	
		For Each Additional Manifold, Add	*1,406.67*	
23 84 13 23-0008	EA	220-2,000 LB/Hour Steam Humidifier, 72" Manifold, Pneumatic Controls	6,987.20	380.31
		For Electrically Controlled Unit, Add	*700.00*	
		For Each Additional Manifold, Add	*2,115.37*	
23 84 13 23-0009	EA	220-2,000 LB/Hour Steam Humidifier, 144" Manifold, Pneumatic Controls	7,131.26	475.95
		For Electrically Controlled Unit, Add	*700.00*	
		For Each Additional Manifold, Add	*2,163.39*	
23 84 13 29		**Self-Contained Steam Humidifiers** *(23 84 13)*		
23 84 13 29-0001		**Residential Humidifiers** *(23 84 13 29)* Note: Includes solenoid valve and flow through water supply.		
23 84 13 29-0002	EA	Duct Or Furnace Mounted Humidifier, Residential Type	593.93	57.62
23 84 16		**Mechanical Dehumidification Units** *(23 84)*		
23 84 16 16		**Indoor, Mechanical Dehumidification Units** *(23 84 16)*		
23 84 16 16-0001		**Mechanical Dehumidification Units** *(23 84 16 16)* Note: Sized by moisture removal per 24 hours.		
23 84 16 16-0002	EA	65 Pint Per Day, 160 CFM, 8" Duct Connection, Refrigerant Dehumidifier	2,304.30	58.17
23 84 16 16-0003	EA	90 Pint Per Day, 235 CFM, 10"/6" Duct Connection, Refrigerant Dehumidifier	2,901.06	67.86
23 84 16 16-0004	EA	120 Pint Per Day, 350 CFM, 10"/6" Duct Connection, Refrigerant Dehumidifier	3,893.54	77.56
23 84 16 33		**Portable Dehumidifiers** *(23 84 16)*		
23 84 16 33-0001		**Self Contained Free Standing Unit** *(23 84 16 33)* Note: Sized by moisture removal per 24 hours.		
23 84 16 33-0002	EA	30 Pint/24 Hour Dehumidifier	510.78	125.91
23 84 16 33-0003	EA	50 Pint/24 Hour Dehumidifier	618.05	125.91
23 84 16 33-0004	EA	70 Pint/24 Hour Dehumidifier	682.42	125.91

END OF SECTION 23

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

25 Integrated Automation

25 50 Integrated Automation Facility Controls *(25)*

25 55 Integrated Automation Control of HVAC *(25 50)*

See CSI section 23 09 00 00-0000 for Instrumentation And Control For HVAC.

END OF SECTION 25

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

26 Electrical

Note: Termination costs are included with all electrical equipment, panel boards, fixtures and devices. Terminations are not included with patch panels.

26 01 Operation and Maintenance of Electrical Systems *(26)*

26 01 10 Operation and Maintenance of Medium-Voltage Electrical Distribution *(26 01)*

26 01 10 91 Medium-Voltage Electrical Distribution Restoration *(26 01 10)*

26 01 10 91-0001 Retrofit Distribution Enclosures *(26 01 10 91)*
Note: Includes removal of equipment housing, punch or drill hole for window, touch-up area, and reinstallation of equipment housing.

26 01 10 91-0002	EA	2" Infrared Window Installed In Medium Voltage Equipment, NEMA Type 3/12 Rated (Flir IRW-2C) Note: 2mm thick, aluminum frame, hinged cover.	478.50	
		For Up To 20, Add	*101.80*	
		For >20 To 50, Add	*81.44*	
		For >50 To 100, Add	*40.72*	
26 01 10 91-0003	EA	3" Infrared Window Installed In Medium Voltage Equipment, NEMA Type 3/12 Rated (Flir IRW-3C) Note: 2mm thick, aluminum frame, hinged cover.	624.45	
		For Up To 20, Add	*138.28*	
		For >20 To 50, Add	*110.63*	
		For >50 To 100, Add	*55.31*	
26 01 10 91-0004	EA	4" Infrared Window Installed In Medium Voltage Equipment, NEMA Type 3/12 Rated (Flir IRW-4C) Note: 4mm thick, aluminum frame, hinged cover.	945.52	
		For Up To 20, Add	*218.55*	
		For >20 To 50, Add	*174.84*	
		For >50 To 100, Add	*87.42*	
26 01 10 91-0005	EA	2" Infrared Window Installed In Medium Voltage Equipment, NEMA Type 3/12 Rated (Fluke CLKT-2) Note: 2mm thick, aluminum frame, twist cover.	476.91	
		For Up To 20, Add	*101.40*	
		For >20 To 50, Add	*81.12*	
		For >50 To 100, Add	*40.56*	
26 01 10 91-0006	EA	3" Infrared Window Installed In Medium Voltage Equipment, NEMA Type 3/12 Rated (Fluke CLKT-3) Note: 2mm thick, aluminum frame, twist cover.	612.56	
		For Up To 20, Add	*135.31*	
		For >20 To 50, Add	*108.25*	
		For >50 To 100, Add	*54.12*	
26 01 10 91-0007	EA	4" Infrared Window Installed In Medium Voltage Equipment, NEMA Type 3/12 Rated (Fluke CLKT-4) Note: 4mm thick, aluminum frame, twist cover.	919.13	
		For Up To 20, Add	*211.95*	
		For >20 To 50, Add	*169.56*	
		For >50 To 100, Add	*84.78*	
26 01 10 91-0008	EA	2" Infrared Window Pane Installed In Medium Voltage Equipment, NEMA Type 4 Rated (Schneider Electric VPFR) Note: 0.25mm thick, composite frame, metal grille reinforced polymer.	373.42	
		For Up To 20, Add	*75.53*	
		For >20 To 50, Add	*60.42*	
		For >50 To 100, Add	*30.21*	
26 01 10 91-0009	EA	3" Infrared Window Pane Installed In Medium Voltage Equipment, NEMA Type 4 Rated (Schneider Electric VPFR) Note: 0.25mm thick, composite frame, metal grille reinforced polymer.	531.04	
		For Up To 20, Add	*114.93*	
		For >20 To 50, Add	*91.94*	
		For >50 To 100, Add	*45.97*	
26 01 10 91-0010	EA	4" Infrared Window Pane Installed In Medium Voltage Equipment, NEMA Type 4 Rated (Schneider Electric VPFR) Note: 0.25mm thick, composite frame, metal grille reinforced polymer.	760.91	
		For Up To 20, Add	*172.40*	
		For >20 To 50, Add	*137.92*	
		For >50 To 100, Add	*68.96*	
26 01 10 91-0011	EA	2" Infrared Window Installed In Medium Voltage Equipment, Longwave, NEMA Type 4 Rated (Schneider Electric IRHVIR) Note: 4mm thick, aluminum frame, magnetic cover.	692.70	
		For Up To 20, Add	*155.35*	
		For >20 To 50, Add	*124.28*	
		For >50 To 100, Add	*62.14*	
26 01 10 91-0012	EA	3" Infrared Window Installed In Medium Voltage Equipment, Longwave, NEMA Type 4 Rated (Schneider Electric IRHVIR) Note: 4mm thick, aluminum frame, magnetic cover.	956.41	
		For Up To 20, Add	*221.27*	
		For >20 To 50, Add	*177.02*	
		For >50 To 100, Add	*88.51*	
26 01 10 91-0013	EA	4" Infrared Window Installed In Medium Voltage Equipment, Longwave, NEMA Type 4 Rated (Schneider Electric IRHVIR) Note: 4mm thick, aluminum frame, magnetic cover.	1,761.86	
		For Up To 20, Add	*422.64*	
		For >20 To 50, Add	*338.11*	
		For >50 To 100, Add	*169.05*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 10 91-0014	EA	3" Infrared Window Installed In Medium Voltage Equipment, Shortwave, NEMA Type 4 Rated (Schneider Electric IRHVIR) Note: 4mm thick, aluminum frame, magnetic cover.	797.52	
		For Up To 20, Add	*181.55*	
		For >20 To 50, Add	*145.24*	
		For >50 To 100, Add	*72.62*	
26 01 10 91-0015	EA	4" Infrared Window Installed In Medium Voltage Equipment, Shortwave, NEMA Type 4 Rated (Schneider Electric IRHVIR) Note: 4mm thick, aluminum frame, magnetic cover.	1,179.35	
		For Up To 20, Add	*277.01*	
		For >20 To 50, Add	*221.61*	
		For >50 To 100, Add	*110.80*	

26 01 20 Operation and Maintenance of Low-Voltage Electrical Distribution *(26 01)*

26 01 20 91 Low-Voltage Electrical Distribution Restoration *(26 01 20)*

26 01 20 91-0001 Lock Out/Tag Out Devices *(26 01 20 91)*

Note: Includes following OSHA procedures and completing Owner's paperwork. Excludes circuit tracing.

26 01 20 91-0002	EA	Lock Out/Tag Out Local Disconnect Note: Excludes tag or padlock See CSI section 26 01 20 91-0004 for padlock, 26 01 20 91-0005 for tag(s).	41.80
26 01 20 91-0003	EA	Lock Out/Tag Out Breaker Or Motor Starter Note: Excludes tag or padlock See CSI section 26 01 20 91-0004 for padlock, 26 01 20 91-0005 for tag(s).	41.80
26 01 20 91-0004	EA	Lock Out Padlock Device Note: Includes the installation and removal of pad lock when required	11.61
26 01 20 91-0005	EA	Lock Out Tags Note: Includes filling out tag information, installation and removal of identifying tags.	4.96

26 01 20 91-0006 Existing Circuit Tracing *(26 01 20 91)*

26 01 20 91-0007	EA	Motors, Diconnects And Other Single Source Devices, Existing Circuit Tracing Per Device	24.15
26 01 20 91-0008	EA	Lighting, Existing Circuit Tracing Per Circuit	24.15

26 01 50 Operation and Maintenance of Lighting *(26 01)*

26 01 50 51 Luminaire Relamping *(26 01 50)*

26 01 50 51-0001 Replace Lamps In Existing Fixtures *(26 01 50 51)*

Note: Includes removal of existing lamp from fixture and installation of new lamp. Excludes disposal of hazardous lamps.

26 01 50 51-0002 Halogen Lamps *(26 01 50 51-0001)*

26 01 50 51-0003	EA	300 Watt, T3, Tungsten Halogen Lamp	49.44
26 01 50 51-0004	EA	500 Watt, T3, Tungsten Halogen Lamp	63.59
26 01 50 51-0005	EA	1,000 Watt, T3, Tungsten Halogen Lamp	94.72
26 01 50 51-0006	EA	60 Watt, PAR38, Halogen Lamp	24.69
26 01 50 51-0007	EA	75 Watt, PAR38, Halogen Lamp	24.69
26 01 50 51-0008	EA	90 Watt, PAR38, Halogen Lamp	23.42
26 01 50 51-0009	EA	100 Watt, PAR38, Halogen Lamp	23.42
26 01 50 51-0010	EA	60 Watt, PAR38, Halogen IR Reflective Lamp	36.66
26 01 50 51-0011	EA	67 Watt, PAR38, Halogen IR Reflective Lamp	40.39
26 01 50 51-0012	EA	70 Watt, PAR38, Halogen IR Reflective Lamp	39.43
26 01 50 51-0013	EA	90 Watt, PAR38, Halogen IR Reflective Lamp	42.28
26 01 50 51-0014	EA	100 Watt, PAR38, Halogen IR Reflective Lamp	42.88

26 01 50 51-0015 Incandescent Lamps *(26 01 50 51-0001)*

26 01 50 51-0016	EA	100 Watt, Frosted, Interior Incandescent Lamp	6.59
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-1.92*
26 01 50 51-0017	EA	150 Watt, Frosted, Interior Incandescent Lamp	8.19
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-1.92*
26 01 50 51-0018	EA	200 Watt, Frosted, Interior Incandescent Lamp	9.98
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-1.92*
26 01 50 51-0019	EA	300 Watt, PS25, Interior Incandescent Lamp	12.24
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-1.92*
26 01 50 51-0020	EA	60 Watt, G25, Clear, Interior Incandescent Lamp	9.20
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-1.92*
26 01 50 51-0021	EA	75 Watt, R20, Interior Incandescent Lamp	14.54
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-2.31*
26 01 50 51-0022	EA	75 Watt, PAR38, Exterior Incandescent Lamp	17.71
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-2.31*
26 01 50 51-0023	EA	100 Watt, PAR38, Exterior Incandescent Lamp	16.44
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-2.31*
26 01 50 51-0024	EA	150 Watt, PAR38, Exterior Incandescent Lamp	28.43
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-2.31*
26 01 50 51-0025	EA	250 Watt, PAR38, Exterior Incandescent Lamp	58.63
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-2.69*
26 01 50 51-0026	EA	300 Watt, PAR56, Exterior Incandescent Lamp	67.43
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-2.69*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 51-0027		**Exit Light Lamps** *(26 01 50 51-0001)*		
26 01 50 51-0028	EA	Convert Exit Light Lamps To Red LED Lamps	109.97	
		For Green LED Lamps, Add	*25.00*	
26 01 50 51-0029	EA	Fluorescent Lamp For Exit Light	31.22	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-7.69*	
26 01 50 51-0030	EA	Lamp Replacement For Emergency Lights On Exit Sign	40.34	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.84*	
26 01 50 51-0031		**Fluorescent Lamps** *(26 01 50 51-0001)*		
26 01 50 51-0032	EA	18", 15 Watt, T8 Fluorescent Lamp	12.38	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.07*	
26 01 50 51-0033	EA	2', 17 Watt, T8 Fluorescent Lamp	15.03	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.07*	
26 01 50 51-0034	EA	3', 25 Watt, T8 Fluorescent Lamp	17.29	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.46*	
26 01 50 51-0035	EA	4', 32 Watt, T8 Fluorescent Lamp	17.26	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.46*	
26 01 50 51-0036	EA	4', 30 Watt, T8 Fluorescent Lamp	21.86	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.46*	
26 01 50 51-0037	EA	4', 28 Watt, T8 Fluorescent Lamp	19.07	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.46*	
26 01 50 51-0038	EA	4', 25 Watt, T8 Fluorescent Lamp	18.96	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.46*	
26 01 50 51-0039	EA	4', 44 Watt, T8HO Fluorescent Lamp	30.95	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.46*	
26 01 50 51-0040	EA	8', 59 Watt, T8 Fluorescent Lamp	23.42	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.46*	
26 01 50 51-0041	EA	18", 15 Watt, T12 Fluorescent Lamp	19.06	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.07*	
26 01 50 51-0042	EA	2', 20 Watt, T12 Fluorescent Lamp	14.27	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.07*	
26 01 50 51-0043	EA	3', 30 Watt, T12 Fluorescent Lamp	16.03	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.46*	
26 01 50 51-0044	EA	4', 34 Watt, T12 Fluorescent Lamp	16.11	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.46*	
26 01 50 51-0045	EA	4', 40 Watt, T12 Fluorescent Lamp	15.77	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.46*	
26 01 50 51-0046	EA	8', 60 Watt, T12 Fluorescent Lamp	24.03	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.46*	
26 01 50 51-0047	EA	8', 75 Watt, T12 Fluorescent Lamp	20.18	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.46*	
26 01 50 51-0048	EA	6" Diameter, 20 Watt, Circular T9 Fluorescent Lamp	19.29	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.07*	
26 01 50 51-0049	EA	8" Diameter, 22 Watt, Circular T9 Fluorescent Lamp	15.75	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.07*	
26 01 50 51-0050	EA	12" Diameter, 32 Watt, Circular T9 Fluorescent Lamp	15.21	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.07*	
26 01 50 51-0051	EA	16" Diameter, 40 Watt, Circular T9 Fluorescent Lamp	16.90	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.07*	
26 01 50 51-0052	EA	32 Watt, Rapid Start, U-Shaped T8 Fluorescent Lamp	28.22	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.84*	
26 01 50 51-0053	EA	40 Watt, Rapid Start, U-Shaped T12 Fluorescent Lamp	27.17	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.84*	
26 01 50 51-0054	EA	6", 4 Watt, T5 Fluorescent Lamp	13.81	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.07*	
26 01 50 51-0055	EA	9", 6 Watt, T5 Fluorescent Lamp	13.57	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.07*	
26 01 50 51-0056	EA	12", 8 Watt, T5 Fluorescent Lamp	14.03	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.07*	
26 01 50 51-0057	EA	21", 13 Watt, T5 Fluorescent Lamp	14.71	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.07*	
26 01 50 51-0058	EA	24", 14 Watt, T5 Fluorescent Lamp	17.05	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.07*	
26 01 50 51-0059	EA	34", 21 Watt, T5 Fluorescent Lamp	18.53	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.46*	
26 01 50 51-0060	EA	46", 28 Watt, T5 Fluorescent Lamp	17.92	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.46*	
26 01 50 51-0061	EA	46", 54 Watt, T5HO Fluorescent Lamp	19.68	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.46*	
26 01 50 51-0062	EA	5-13 Watt, 2-Pin Compact Fluorescent Lamp	11.04	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-1.92*	
26 01 50 51-0063	EA	9-26 Watt, 4-Pin Compact Fluorescent Lamp	12.26	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-1.92*	
26 01 50 51-0064	EA	27-55 Watt, 4-Pin Compact Fluorescent Lamp	25.68	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-1.92*	
26 01 50 51-0065	EA	<9 Watt, Screw-In, Spiral Compact Fluorescent Lamps	11.54	
26 01 50 51-0066	EA	9 To 27 Watt, Screw-In, Spiral Compact Fluorescent Lamps	9.89	
26 01 50 51-0067	EA	29 To 32 Watt, Screw-In, Spiral Compact Fluorescent Lamps	10.40	
26 01 50 51-0068	EA	33 To 42 Watt, Screw-In, Spiral Compact Fluorescent Lamps	44.60	
26 01 50 51-0069	EA	43 To 65 Watt, Screw-In, Spiral Compact Fluorescent Lamps	48.70	
26 01 50 51-0070	EA	85 Watt, Screw-In, Spiral Compact Fluorescent Lamps	93.26	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 51-0071	EA	105 Watt, Screw-In, Spiral Compact Fluorescent Lamps	111.83	
26 01 50 51-0072	EA	200 Watt, Screw-In, Spiral Compact Fluorescent Lamps	115.60	
26 01 50 51-0073	EA	11 Watt, Screw-In, Compact Fluorescent Reflector Lamps	41.46	
26 01 50 51-0074	EA	15 Watt, Screw-In, Compact Fluorescent Reflector Lamps	43.28	
26 01 50 51-0075	EA	20 To 28 Watt, Screw-In, Compact Fluorescent Reflector Lamps	50.08	

26 01 50 51-0076 Metal Halide Lamps *(26 01 50 51-0001)*

26 01 50 51-0077	EA	50 Watt, Pulse Start Metal Halide Lamp	48.81	
26 01 50 51-0078	EA	70 Watt, Pulse Start Metal Halide Lamp	46.64	
26 01 50 51-0079	EA	100 Watt, Pulse Start Metal Halide Lamp	53.50	
26 01 50 51-0080	EA	150 Watt, Pulse Start Metal Halide Lamp	51.94	
26 01 50 51-0081	EA	175 Watt, Pulse Start Metal Halide Lamp	51.49	
26 01 50 51-0082	EA	250 Watt, Pulse Start Metal Halide Lamp	51.80	
26 01 50 51-0083	EA	400 Watt, Pulse Start Metal Halide Lamp	62.74	
26 01 50 51-0084	EA	1,000 Watt, Pulse Start Metal Halide Lamp	73.22	
26 01 50 51-0085	EA	1,500 Watt, Pulse Start Metal Halide Lamp	72.79	

26 01 50 51-0086 High Pressure Sodium Lamps *(26 01 50 51-0001)*

26 01 50 51-0087	EA	35 Watt, High Pressure Sodium Lamp	39.97	
		For Enclosed And Gasket Light Fixtures, Add	*2.96*	
26 01 50 51-0088	EA	50 Watt, High Pressure Sodium Lamp	39.97	
		For Enclosed And Gasket Light Fixtures, Add	*2.96*	
26 01 50 51-0089	EA	70 Watt, High Pressure Sodium Lamp	40.90	
		For Enclosed And Gasket Light Fixtures, Add	*2.96*	
26 01 50 51-0090	EA	100 Watt, High Pressure Sodium Lamp	42.68	
		For Enclosed And Gasket Light Fixtures, Add	*2.96*	
26 01 50 51-0091	EA	150 Watt, High Pressure Sodium Lamp	40.90	
		For Enclosed And Gasket Light Fixtures, Add	*2.96*	
26 01 50 51-0092	EA	250 Watt, High Pressure Sodium Lamp	40.90	
		For Enclosed And Gasket Light Fixtures, Add	*2.96*	
26 01 50 51-0093	EA	400 Watt, High Pressure Sodium Lamp	38.25	
		For Enclosed And Gasket Light Fixtures, Add	*2.96*	
26 01 50 51-0094	EA	1,000 Watt, High Pressure Sodium Lamp	90.71	

26 01 50 51-0095 Low Pressure Sodium Lamps *(26 01 50 51-0001)*

26 01 50 51-0096	EA	35 Watt, Low Pressure Sodium Lamp	104.38	
26 01 50 51-0097	EA	55 Watt, Low Pressure Sodium Lamp	116.68	
26 01 50 51-0098	EA	70 Watt, Low Pressure Sodium Lamp	119.45	
26 01 50 51-0099	EA	90 Watt, Low Pressure Sodium Lamp	122.23	
26 01 50 51-0100	EA	135 Watt, Low Pressure Sodium Lamp	133.31	
26 01 50 51-0101	EA	180 Watt, Low Pressure Sodium Lamp	183.18	

26 01 50 51-0102 LED Lamps *(26 01 50 51-0001)*

26 01 50 51-0103 LED Lamps, Candelabra Base, CA10 *(26 01 50 51-0102)*

26 01 50 51-0104	EA	3 Watt (25 Watt Incandescent Equivalent), Candelabra Base, CA10, Dimmable LED Lamp (Energy Star)	15.98	

26 01 50 51-0105 LED Lamps, Medium Base, A19 Or A21 *(26 01 50 51-0102)*

26 01 50 51-0106	EA	6 Watt (40 Watt Incandescent Equivalent), Medium Base, A19, Dimmable LED Lamp (Energy Star)	21.35	
26 01 50 51-0107	EA	11 Watt (60 Watt Incandescent Equivalent), Medium Base, A19, Dimmable LED Lamp (Energy Star)	21.35	
26 01 50 51-0108	EA	14 Watt (75 Watt Incandescent Equivalent), Medium Base, A19, Dimmable LED Lamp (Energy Star)	35.76	
26 01 50 51-0109	EA	17 Watt (75 Watt Incandescent Equivalent), Medium Base, A21, Dimmable LED Lamp (Energy Star)	24.99	
26 01 50 51-0110	EA	18 Watt (100 Watt Incandescent Equivalent), Medium Base, A21, Dimmable LED Lamp (Energy Star)	44.77	

26 01 50 51-0111 LED Lamps, Medium Base, BR30 Or BR40 *(26 01 50 51-0102)*

26 01 50 51-0112	EA	9.5 Watt (65 Watt Incandescent Equivalent), Medium Base, BR30, Dimmable LED Lamp (Energy Star)	28.82	
26 01 50 51-0113	EA	14 Watt (85 Watt Incandescent Equivalent), Medium Base, BR30, Dimmable LED Lamp (Energy Star)	25.77	
26 01 50 51-0114	EA	11 Watt (65 Watt Incandescent Equivalent), Medium Base, BR40, Dimmable LED Lamp (Energy Star)	33.86	
26 01 50 51-0115	EA	14.5 Watt (75 Watt Incandescent Equivalent), Medium Base, BR40, Dimmable LED Lamp (Energy Star)	28.48	
26 01 50 51-0116	EA	14 Watt (85 Watt Incandescent Equivalent), Medium Base, BR40, Dimmable LED Lamp (Energy Star)	37.47	
26 01 50 51-0117	EA	18 Watt (90 Watt Incandescent Equivalent), Medium Base, BR40, Dimmable LED Lamp (Energy Star)	28.48	

26 01 50 51-0118 LED Lamps, Medium Base, PAR *(26 01 50 51-0102)*

26 01 50 51-0119	EA	7 Watt (45 Watt Halogen Equivalent), Medium Base, PAR20, Dimmable LED Lamp (Energy Star)	31.70	
26 01 50 51-0120	EA	12 Watt (60 Watt Halogen Equivalent), Medium Base, Short Neck Par30, Dimmable LED Lamp (Energy Star)	42.89	
26 01 50 51-0121	EA	16.3 Watt (65 Watt Halogen Equivalent), Medium Base, Short Neck PAR30, Dimmable LED Lamp (Energy Star)	42.89	
26 01 50 51-0122	EA	15.6 Watt (70 Watt Halogen Equivalent), Medium Base, Short Neck PAR30, Dimmable LED Lamp (Energy Star)	41.09	
26 01 50 51-0123	EA	12 Watt (50 Watt Halogen Equivalent), Medium Base, Short Neck PAR30, Dimmable LED Lamp (Energy Star)	39.29	
26 01 50 51-0124	EA	15 Watt (75 Watt Halogen Equivalent), Medium Base, Long Neck PAR30, Dimmable LED Lamp (Energy Star)	39.29	
26 01 50 51-0125	EA	18 Watt (90 Watt Halogen Equivalent), Medium Base, Long Neck PAR30, Dimmable LED Lamp (Energy Star)	75.68	
26 01 50 51-0126	EA	15 Watt (75 Watt Halogen Equivalent), Medium Base, PAR38, Dimmable LED Lamp (Energy Star)	42.89	
26 01 50 51-0127	EA	18 Watt (90 Watt Halogen Equivalent), Medium Base, PAR38, Dimmable LED Lamp (Energy Star)	41.09	
26 01 50 51-0128	EA	19 Watt (120 Watt Halogen Equivalent), Medium Base, Par38, Dimmable LED Lamp (Energy Star)	42.89	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 51-0129	EA	24 Watt (120 Watt Halogen Equivalent), Medium Base, PAR38, Dimmable LED Lamp (Energy Star)	42.89	
26 01 50 51-0130		**LED Lamps, GU Base, MR16** *(26 01 50 51-0102)*		
26 01 50 51-0131	EA	4 Watt (20 Watt Halogen Equivalent), GU5.3 Base, MR16, LED Lamp (Energy Star)	22.17	
26 01 50 51-0132	EA	6 Watt (30 Watt Halogen Equivalent), GU10 Base, MR16, Dimmable LED Lamp (Energy Star)	28.82	
26 01 50 51-0133	EA	8 Watt (50 Watt Halogen Equivalent), GU5.3 Base, MR16, Dimmable LED Lamp (Energy Star)	31.70	
26 01 50 51-0134		**LED Lamps, PL Series** *(26 01 50 51-0102)*		
26 01 50 51-0135	EA	3.5 Watt, 2-Pin CFL G23 Base , Hybrid Lamp (GreenCreative PLS 3.5 HYB G23)	15.73	
26 01 50 51-0136	EA	26 Watt, 2700K CCT, PL EDGE DIRect Series (Green Creative 9.5PLH/827/DIR)	20.93	
26 01 50 51-0137	EA	26 Watt, 3000K CCT, PL EDGE DIRect Series (Green Creative 9.5PLH/830/DIR)	17.93	
26 01 50 51-0138	EA	26 Watt, 3500K CCT, PL EDGE DIRect Series (Green Creative 9.5PLH/835/DIR)	19.81	
26 01 50 51-0139	EA	26 Watt, 4000K CCT, PL EDGE DIRect Series (Green Creative 9.5PLH/840/DIR)	19.81	
26 01 50 51-0140	EA	26 Watt, 3000K CCT, High CRI, PL EDGE DIRect Series (Green Creative 10.5PLH/930/DIR)	23.18	
26 01 50 51-0141	EA	13-18 Watt, 2700K CCT, PL EDGE DIRect Series (Green Creative 5.5PLH/827/DIR)	19.81	
26 01 50 51-0142	EA	13-18 Watt, 3000K CCT, PL EDGE DIRect Series (Green Creative 5.5PLH/830/DIR)	19.81	
26 01 50 51-0143	EA	13-18 Watt, 3500K CCT, PL EDGE DIRect Series (Green Creative 5.5PLH/835/DIR)	19.81	
26 01 50 51-0144	EA	13-18 Watt, 4000K CCT, PL EDGE DIRect Series (Green Creative 5.5PLH/840/DIR)	19.81	
26 01 50 51-0145	EA	26 Watt, 2700K CCT, PL EDGE DIRect Series (Green Creative 10PLV/827/DIR)	22.06	
26 01 50 51-0146	EA	26 Watt, 3000K CCT, PL EDGE DIRect Series (Green Creative 10PLV/830/DIR)	22.06	
26 01 50 51-0147	EA	26 Watt, 3500K CCT, PL EDGE DIRect Series (Green Creative 10PLV/835/DIR)	22.06	
26 01 50 51-0148	EA	26 Watt, 4000K CCT, PL EDGE DIRect Series (Green Creative 10PLV/840/DIR)	22.06	
26 01 50 51-0149	EA	26 Watt, 3000K CCT, High CRI, PL EDGE DIRect Series (Green Creative 11PLV/930/DIR)	20.93	
26 01 50 51-0150	EA	13-18 Watt, 2700K CCT, PL EDGE DIRect Series (Green Creative 6.5PLV/827/DIR)	20.93	
26 01 50 51-0151	EA	13-18 Watt, 3000K CCT, PL EDGE DIRect Series (Green Creative 6.5PLV/830/DIR)	20.93	
26 01 50 51-0152	EA	13-18 Watt, 3500K CCT, PL EDGE DIRect Series (Green Creative 6.5PLV/835/DIR)	21.68	
26 01 50 51-0153	EA	13-18 Watt, 4000K CCT, PL EDGE DIRect Series (Green Creative 6.5PLV/840/DIR)	21.68	
26 01 50 51-0154	EA	26 Watt, 2700K CCT, PL EDGE BYPass Series (Green Creative 10.5PLH/827/BYP)	21.85	
26 01 50 51-0155	EA	26 Watt, 3000K CCT, PL EDGE BYPass Series (Green Creative 10.5PLH/830/BYP)	21.85	
26 01 50 51-0156	EA	26 Watt, 3500K CCT, PL EDGE BYPass Series (Green Creative 10.5PLH/835/BYP)	21.85	
26 01 50 51-0157	EA	26 Watt, 4000K CCT, PL EDGE BYPass Series (Green Creative 10.5PLH/840/BYP)	21.85	
26 01 50 51-0158	EA	13-18 Watt, 3500K CCT, PL EDGE BYPass Series (Green Creative 6PLH/835/BYP)	22.43	
26 01 50 51-0159	EA	13-18 Watt, 4000K CCT, PL EDGE BYPass Series (Green Creative 6PLH/840/BYP)	22.43	
26 01 50 51-0160	EA	13 Watt, 3000K CCT, PL EDGE BYPass Series (Green Creative 6PLH/830/BYP/E26)	22.43	
26 01 50 51-0161	EA	13 Watt, 3500K CCT, PL EDGE BYPass Series (Green Creative 6PLH/835/BYP/E26)	22.43	
26 01 50 51-0162	EA	13 Watt, 4000K CCT, PL EDGE BYPass Series (Green Creative 6PLH/840/BYP/E26)	22.43	
26 01 50 51-0163	EA	13 Watt, 3000K CCT, PL EDGE BYPass Series (Green Creative 6PLH/830/BYP/GU24)	22.43	
26 01 50 51-0164	EA	13 Watt, 3500K CCT, PL EDGE BYPass Series (Green Creative 6PLH/835/BYP/GU24)	22.43	
26 01 50 51-0165	EA	13 Watt, 4000K CCT, PL EDGE BYPass Series (Green Creative 6PLH/840/BYP/GU24)	22.43	
26 01 50 51-0166	EA	26 Watt, 2700K CCT, PL EDGE BYPass Series (Green Creative 11.5PLV/827/BYP)	28.29	
26 01 50 51-0167	EA	26 Watt, 3000K CCT, PL EDGE BYPass Series (Green Creative 11.5PLV/830/BYP)	28.29	
26 01 50 51-0168	EA	26 Watt, 3500K CCT, PL EDGE BYPass Series (Green Creative 11.5PLV/835/BYP)	28.29	
26 01 50 51-0169	EA	26 Watt, 4000K CCT, PL EDGE BYPass Series (Green Creative 11.5PLV/840/BYP)	26.94	
26 01 50 51-0170	EA	13-18 Watt, 3500K CCT, PL EDGE BYPass Series (Green Creative 7PLV/835/BYP)	26.94	
26 01 50 51-0171	EA	13-18 Watt, 4000K CCT, PL EDGE BYPass Series (Green Creative 7PLV/840/BYP)	26.94	
26 01 50 51-0172	EA	4 Pin, 6 Watt, 560 Lumens 4000K CCT, Horizontal Mount LED PL Lamp (Green Creative 57898)	25.99	
26 01 50 51-0173		**HID LED Lamps, Medium Base E26** *(26 01 50 51-0102)*		
26 01 50 51-0174	EA	27 Watt, 4000K CCT, Medium Base E26, LED Lamp (Green Creative 27HID/840/277V/E26)	52.81	
26 01 50 51-0175	EA	27 Watt, 5000K CCT, Medium Base E26, LED Lamp (Green Creative 27HID/850/277V/E26)	52.81	
26 01 50 51-0176	EA	45 Watt, 4000K CCT, Medium Base E26, LED Lamp (Green Creative 45HID/840/277V/E26)	66.67	
26 01 50 51-0177	EA	45 Watt, 5000K CCT, Medium Base E26, LED Lamp (Green Creative 45HID/850/277V/E26)	66.67	
26 01 50 51-0178	EA	10 Watt, 3000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED10-3026)	47.06	
26 01 50 51-0179	EA	10 Watt, 4000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED10-4026)	47.06	
26 01 50 51-0180	EA	10 Watt, 5000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED10-5026)	47.06	
26 01 50 51-0181	EA	10 Watt, 6000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED10-6026)	47.06	
26 01 50 51-0182	EA	15 Watt, 3000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED15-3026)	48.56	
26 01 50 51-0183	EA	15 Watt, 4000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED15-4026)	48.56	
26 01 50 51-0184	EA	15 Watt, 5000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED15-5026)	48.56	
26 01 50 51-0185	EA	15 Watt, 6000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED15-6026)	48.56	
26 01 50 51-0186	EA	20 Watt, 3000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED20-3026)	54.56	
26 01 50 51-0187	EA	20 Watt, 4000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED20-4026)	54.56	
26 01 50 51-0188	EA	20 Watt, 5000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED20-5026)	54.56	
26 01 50 51-0189	EA	20 Watt, 6000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED20-6026)	54.56	
26 01 50 51-0190	EA	25 Watt, 3000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED25-3026)	62.06	
26 01 50 51-0191	EA	25 Watt, 4000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED25-4026)	62.06	
26 01 50 51-0192	EA	25 Watt, 5000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED25-5026)	62.06	
26 01 50 51-0193	EA	25 Watt, 6000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED25-6026)	62.06	
26 01 50 51-0194	EA	30 Watt, 3000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED30-3026)	78.55	
26 01 50 51-0195	EA	30 Watt, 4000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED30-4026)	78.55	
26 01 50 51-0196	EA	30 Watt, 5000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED30-5026)	78.55	
26 01 50 51-0197	EA	30 Watt, 6000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED30-6026)	78.55	
26 01 50 51-0198	EA	40 Watt, 3000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED40-3026)	92.80	
26 01 50 51-0199	EA	40 Watt, 4000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED40-4026)	92.80	
26 01 50 51-0200	EA	40 Watt, 5000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED40-5026)	92.80	
26 01 50 51-0201	EA	40 Watt, 6000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED40-6026)	92.80	
26 01 50 51-0202	EA	60 Watt, 3000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED60-3026)	102.55	
26 01 50 51-0203	EA	60 Watt, 4000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED60-4026)	102.55	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 51-0204	EA	60 Watt, 5000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED60-5026)	102.55	
26 01 50 51-0205	EA	60 Watt, 6000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED60-6026)	102.55	
26 01 50 51-0206	EA	80 Watt, 3000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED80-3026)	137.79	
26 01 50 51-0207	EA	80 Watt, 4000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED80-4026)	137.79	
26 01 50 51-0208	EA	80 Watt, 5000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED80-5026)	137.79	
26 01 50 51-0209	EA	80 Watt, 6000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED80-6026)	137.79	
26 01 50 51-0210	EA	100 Watt, 3000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED100-3026)	142.29	
26 01 50 51-0211	EA	100 Watt, 4000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED100-4026)	142.29	
26 01 50 51-0212	EA	100 Watt, 5000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED100-5026)	142.29	
26 01 50 51-0213	EA	100 Watt, 6000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED100-6026)	142.29	
26 01 50 51-0214	EA	120 Watt, 3000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED120-3026)	168.53	
26 01 50 51-0215	EA	120 Watt, 4000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED120-4026)	168.53	
26 01 50 51-0216	EA	120 Watt, 5000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED120-5026)	168.53	
26 01 50 51-0217	EA	120 Watt, 6000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED120-6026)	168.53	
26 01 50 51-0218	EA	150 Watt, 3000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED150-3026)	200.02	
26 01 50 51-0219	EA	150 Watt, 4000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED150-4026)	200.02	
26 01 50 51-0220	EA	150 Watt, 5000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED150-5026)	200.02	
26 01 50 51-0221	EA	150 Watt, 6000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED150-6026)	200.02	
26 01 50 51-0222	EA	20 Watt, 4000K CCT, Medium Base E26, LED Post Top Lamp (EiKO industries LED20WPT40KMED-G6)	65.15	
26 01 50 51-0223	EA	20 Watt, 5000K CCT, Medium Base E26, LED Post Top Lamp (EiKO industries LED20WPT50KMED-G6)	70.40	
26 01 50 51-0224	EA	27 Watt, 4000K CCT, Medium Base E26, LED Post Top Lamp (EiKO industries LED27WPT40KMED-G5)	70.40	
26 01 50 51-0225	EA	27 Watt, 5000K CCT, Medium Base E26, LED Post Top Lamp (EiKO industries LED27WPT50KMED-G5)	65.15	
26 01 50 51-0226	EA	36 Watt, 4000K CCT, Medium Base E26, LED Post Top Lamp (EiKO industries LED36WPT40KMED-G5)	81.64	
26 01 50 51-0227	EA	36 Watt, 5000K CCT, Medium Base E26, LED Post Top Lamp (EiKO industries LED36WPT50KMED-G5)	74.90	
26 01 50 51-0228	EA	45 Watt, 4000K CCT, Medium Base E26, LED Post Top Lamp (EiKO industries LED45WPT40KMED-G5)	89.89	
26 01 50 51-0229	EA	45 Watt, 5000K CCT, Medium Base E26, LED Post Top Lamp (EiKO industries LED45WPT50KMED-G5)	89.01	
26 01 50 51-0230	EA	54 Watt, 4000K CCT, Medium Base E26, LED Post Top Lamp (EiKO industries LED54WPT40KMED-G5)	91.02	
26 01 50 51-0231	EA	54 Watt, 5000K CCT, Medium Base E26, LED Post Top Lamp (EiKO industries LED54WPT50KMED-G5)	91.02	
26 01 50 51-0232	EA	27 Watt, 4000K CCT, Medium Base E26, LED Lamp (EiKO industries LED27WPT40KMED-G7)	55.42	
26 01 50 51-0233	EA	27 Watt, 5000K CCT, Medium Base E26, LED Lamp (EiKO industries LED27WPT50KMED-G7)	55.42	
26 01 50 51-0234	EA	36 Watt, 4000K CCT, Medium Base E26, LED Lamp (EiKO industries LED36WPT40KMED-G7)	62.36	
26 01 50 51-0235	EA	36 Watt, 5000K CCT, Medium Base E26, LED Lamp (EiKO industries LED36WPT50KMED-G7)	62.36	
26 01 50 51-0236	EA	45 Watt, 4000K CCT, Medium Base E26, LED Lamp (EiKO industries LED45WPT40KMED-G7)	66.97	
26 01 50 51-0237	EA	45 Watt, 5000K CCT, Medium Base E26, LED Lamp (EiKO industries LED45WPT50KMED-G7)	66.97	
26 01 50 51-0238	EA	54 Watt, 4000K CCT, Medium Base E26, LED Lamp (EiKO industries LED54WPT40KMED-G7)	73.90	
26 01 50 51-0239	EA	54 Watt, 5000K CCT, Medium Base E26, LED Lamp (EiKO industries LED54WPT50KMED-G7)	73.90	
26 01 50 51-0240	EA	20 Watt, 5500K CCT, Medium Base E26, LED Lamp (Olympic CL-20W8-55K-E26)	74.26	
26 01 50 51-0241	EA	30 Watt, 5500K CCT, Medium Base E26, LED Lamp (Olympic CL-30W8-55K-E26)	80.41	
26 01 50 51-0242	EA	40 Watt, 5500K CCT, Medium Base E26, LED Lamp (Olympic CL-40W8-55K-E26)	99.83	
26 01 50 51-0243	EA	50 Watt, 5500K CCT, Medium Base E26, LED Lamp (Olympic CL-50W8-55K-E26)	109.87	
26 01 50 51-0244	EA	10 Watt, 5500K CCT, Medium Base E26, Compact LED Lamp (Olympic CCL-10W12-55K-E26)	43.67	
26 01 50 51-0245	EA	15 Watt, 5500K CCT, Medium Base E26, Compact LED Lamp (Olympic CCL-15W12-55K-E26)	49.06	
26 01 50 51-0246	EA	20 Watt, 5500K CCT, Medium Base E26, Compact LED Lamp (Olympic CCL-20W12-55K-E26)	51.76	
26 01 50 51-0247	EA	25 Watt, 5500K CCT, Medium Base E26, Compact LED Lamp (Olympic CCL-25W12-55K-E26)	56.79	
26 01 50 51-0248	EA	15 Watt, Medium Base E26, LED Self-Ballasted Retrofit Lamp (Neptun LED-N148015-UNV)	68.12	
26 01 50 51-0249	EA	20 Watt, Medium Base E26, LED Self-Ballasted Retrofit Lamp (Neptun LED-N148020-UNV)	79.66	
26 01 50 51-0250	EA	25 Watt, Medium Base E26, LED Self-Ballasted Retrofit Lamp (Neptun LED-N148025-UNV)	108.50	
26 01 50 51-0251	EA	30 Watt, Medium Base E26, LED Self-Ballasted Retrofit Lamp (Neptun LED-N148030-UNV)	114.27	
26 01 50 51-0252	EA	35 Watt, Medium Base E26, LED Self-Ballasted Retrofit Lamp (Neptun LED-N148035-UNV)	123.50	
26 01 50 51-0253	EA	40 Watt, Medium Base E26, LED Self-Ballasted Retrofit Lamp (Neptun LED-N148040-UNV)	129.26	
26 01 50 51-0254	EA	60 Watt, Medium Base E26, LED Self-Ballasted Retrofit Lamp (Neptun LED-N148060-UNV)	185.79	
26 01 50 51-0255	EA	20 Watt, 5000K CCT, 120-277 Volt, E26 (Medium) Base, LED Retrofit Omni-Directional Lamp (HYLITE HL-IOD-20W-E26-50K)	63.09	

26 01 50 51-0256 HID LED Lamps, Mogul Base E39 Or EX39 *(26 01 50 51-0102)*

26 01 50 51-0257	EA	120 Watt, 2700K CCT, Mogul Base EX39, HID LED Lamp (Green Creative 120HID/827/277V/EX39)	177.96	
26 01 50 51-0258	EA	120 Watt, 5000K CCT, Mogul Base EX39, HID LED Lamp (Green Creative 120HID/850/277V/EX39)	177.96	
26 01 50 51-0259	EA	120 Watt, 5700 CCT, Mogul Base EX39, HID LED Lamp (Green Creative 120HID/857/277V/EX39)	177.96	
26 01 50 51-0260	EA	27 Watt, 3000K CCT, Mogul Base E39, LED Lamp (Green Creative 27HID/830/277V/EX39)	52.81	
26 01 50 51-0261	EA	27 Watt, 4000K CCT, Mogul Base E39, LED Lamp (Green Creative 27HID/840/277V/EX39/R)	52.81	
26 01 50 51-0262	EA	27 Watt, 5000K CCT, Mogul Base E39, LED Lamp (Green Creative 27HID/850/277V/EX39)	52.81	
26 01 50 51-0263	EA	45 Watt, 3000K CCT, Mogul Base E39, LED Lamp (Green Creative 45HID/830/277V/EX39)	66.67	
26 01 50 51-0264	EA	45 Watt, 4000K CCT, Mogul Base E39, LED Lamp (Green Creative 45HID/840/277V/EX39/R)	66.67	
26 01 50 51-0265	EA	45 Watt, 5000K CCT, Mogul Base E39, LED Lamp (Green Creative 45HID/850/277V/EX39)	66.67	
26 01 50 51-0266	EA	80 Watt, 5000K CCT, Mogul Base E39, LED Lamp (Green Creative 80HID/850/277V/EX39)	122.91	
26 01 50 51-0267	EA	80 Watt, 3000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED80-3039)	137.79	
26 01 50 51-0268	EA	80 Watt, 4000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED80-4039)	137.79	
26 01 50 51-0269	EA	80 Watt, 5000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED80-5039)	137.79	
26 01 50 51-0270	EA	80 Watt, 6000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED80-6039)	137.79	
26 01 50 51-0271	EA	100 Watt, 3000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED100-3039)	142.29	
26 01 50 51-0272	EA	100 Watt, 4000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED100-4039)	142.29	
26 01 50 51-0273	EA	100 Watt, 5000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED100-5039)	142.29	
26 01 50 51-0274	EA	100 Watt, 6000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED100-6039)	142.29	
26 01 50 51-0275	EA	120 Watt, 3000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED120-3039)	168.53	
26 01 50 51-0276	EA	120 Watt, 4000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED120-4039)	168.53	
26 01 50 51-0277	EA	120 Watt, 5000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED120-5039)	168.53	
26 01 50 51-0278	EA	120 Watt, 6000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED120-6039)	168.53	
26 01 50 51-0279	EA	150 Watt, 3000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED150-3039)	200.02	
26 01 50 51-0280	EA	150 Watt, 4000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED150-4039)	200.02	
26 01 50 51-0281	EA	150 Watt, 5000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED150-5039)	200.02	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 51-0282	EA	150 Watt, 6000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED150-6039)	200.02	
26 01 50 51-0283	EA	27 Watt, 4000K CCT, Mogul Base E39, LED Post Top Lamp (EiKO industries LED27WPT40KMOG-G5)	70.40	
26 01 50 51-0284	EA	27 Watt, 5000K CCT, Mogul Base E39, LED Post Top Lamp (EiKO industries LED27WPT50KMOG-G5)	70.40	
26 01 50 51-0285	EA	36 Watt, 4000K CCT, Mogul Base E39, LED Post Top Lamp (EiKO industries LED36WPT40KMOG-G5)	81.64	
26 01 50 51-0286	EA	36 Watt, 5000K CCT, Mogul Base E39, LED Post Top Lamp (EiKO industries LED36WPT50KMOG-G5)	80.61	
26 01 50 51-0287	EA	45 Watt, 4000K CCT, Mogul Base E39, LED Post Top Lamp (EiKO industries LED45WPT40KMOG-G5)	89.89	
26 01 50 51-0288	EA	45 Watt, 5000K CCT, Mogul Base E39, LED Post Top Lamp (EiKO industries LED45WPT50KMOG-G5)	89.01	
26 01 50 51-0289	EA	54 Watt, 4000K CCT, Mogul Base E39, LED Post Top Lamp (EiKO industries LED54WPT40KMOG-G5)	91.02	
26 01 50 51-0290	EA	54 Watt, 5000K CCT, Mogul Base E39, LED Post Top Lamp (EiKO industries LED54WPT50KMOG-G5)	88.41	
26 01 50 51-0291	EA	100 Watt, 4000K CCT, Mogul Base E39, LED Post Top Lamp (EiKO industries LED100WPT40KMOG-G5)	190.36	
26 01 50 51-0292	EA	20 Watt, 4000K CCT, Mogul Base E39, Horizontal LED Lamp (EiKO industries LED20WPT/180/40KMOG-G7)	70.37	
26 01 50 51-0293	EA	20 Watt, 5000K CCT, Mogul Base E39, Horizontal LED Lamp (EiKO industries LED20WPT/180/50KMOG-G7)	70.37	
26 01 50 51-0294	EA	30 Watt, 4000K CCT, Mogul Base E39, Horizontal LED Lamp (EiKO industries LED30WPT/180/40KMOG-G7)	79.70	
26 01 50 51-0295	EA	30 Watt, 5000K CCT, Mogul Base E39, Horizontal LED Lamp (EiKO industries LED30WPT/180/50KMOG-G7)	79.70	
26 01 50 51-0296	EA	40 Watt, 4000K CCT, Mogul Base E39, Horizontal LED Lamp (EiKO industries LED40WPT/180/40KMOG-G7)	85.31	
26 01 50 51-0297	EA	40 Watt, 5000K CCT, Mogul Base E39, Horizontal LED Lamp (EiKO industries LED40WPT/180/50KMOG-G7)	85.31	
26 01 50 51-0298	EA	27 Watt, 4000K CCT, Mogul Base E39, LED Lamp (EiKO industries LED27WPT40KMOG-G7)	55.33	
26 01 50 51-0299	EA	27 Watt, 5000K CCT, Mogul Base E39, LED Lamp (EiKO industries LED27WPT50KMOG-G7)	55.33	
26 01 50 51-0300	EA	36 Watt, 4000K CCT, Mogul Base E39, LED Lamp (EiKO industries LED36WPT40KMOG-G7)	62.36	
26 01 50 51-0301	EA	36 Watt, 5000K CCT, Mogul Base E39, LED Lamp (EiKO industries LED36WPT50KMOG-G7)	62.36	
26 01 50 51-0302	EA	45 Watt, 4000K CCT, Mogul Base E39, LED Lamp (EiKO industries LED45WPT40KMOG-G7)	66.97	
26 01 50 51-0303	EA	45 Watt, 5000K CCT, Mogul Base E39, LED Lamp (EiKO industries LED45WPT50KMOG-G7)	66.97	
26 01 50 51-0304	EA	54 Watt, 4000K CCT, Mogul Base E39, LED Lamp (EiKO industries LED54WPT40KMOG-G7)	73.90	
26 01 50 51-0305	EA	54 Watt, 5000K CCT, Mogul Base E39, LED Lamp (EiKO industries LED54WPT50KMOG-G7)	73.90	
26 01 50 51-0306	EA	65 Watt, 5500K CCT, Mogul Base E39, LED Lamp (Olympic CL-65W8-55K-E39)	132.29	
26 01 50 51-0307	EA	80 Watt, 5500K CCT, Mogul Base E39, LED Lamp (Olympic CL-80W8-55K-E39)	152.84	
26 01 50 51-0308	EA	100 Watt, 5500K CCT, Mogul Base E39, LED Lamp (Olympic CL-100W8-55K-E39)	182.08	
26 01 50 51-0309	EA	120 Watt, 5500K CCT, Mogul Base E39, LED Lamp (Olympic CL-120W8-55K-E39)	354.28	
26 01 50 51-0310	EA	150 Watt, 5500K CCT, Mogul Base E39, LED Lamp (Olympic CL-150W8-55K-E39)	334.61	
26 01 50 51-0311	EA	200 Watt, 5500K CCT, Mogul Base E39, LED Lamp (Olympic CL-200W8-55K-E39)	354.28	
26 01 50 51-0312	EA	250 Watt, 5500K CCT, Mogul Base E39, LED Lamp (Olympic CL-250W8-55K-E39)	355.81	
26 01 50 51-0313	EA	24 Watt, 3000K CCT, Mogul Base E39, LED Lamp (Light Efficient Design LED-8029M30-A)	54.99	
26 01 50 51-0314	EA	24 Watt, 4000K CCT, Mogul Base E39, LED Lamp (Light Efficient Design LED-8029M40-A)	54.99	
26 01 50 51-0315	EA	24 Watt, 5700K CCT, Mogul Base E39, LED Lamp (Light Efficient Design LED-8029M57-A)	54.99	
26 01 50 51-0316	EA	100 Watt, Mogul Base E39, LED Area Lamp (MaxLite AR100LED50)	160.96	
26 01 50 51-0317	EA	115 Watt, 4000K CCT, Mogul Base EX39, HID LED Lamp (Keystone KT-LED115HID-V-EX39-840-D)	409.57	
26 01 50 51-0318	EA	40 Watt, 120-277 Volt, 5000K CCT, E39 Base, LED Arc-Cob Lamp (HYLITE HL-AC-40W-E39-50K)	167.00	
26 01 50 51-0319	EA	100 Watt, 480 Volt, 5000K CCT, E39 Base, LED Omni-Cob Lamp (HYLITE HL-OC-100W-E39-50K)	196.70	
26 01 50 51-0320	EA	45 Watt, 120-277 Volt, 5000K CCT, E39 Base, LED Omni-Cob Lamp (HYLITE HL-OC-45W-E39-50K)	86.84	
26 01 50 51-0321	EA	40 Watt, 5680 Lumens, Mogul Base E39, LED Directional Flood Lamp (HYLITE HL-IDL-40W-E39-50K)	285.02	

26 01 50 51-0322 LED Lamps, 2G11 Base *(26 01 50 51-0102)*

26 01 50 51-0323	EA	19 Watt, 1550 Lumens, 3500K CCT, 2G11 Base, Dimmable LED Lamp (Green Creative 14.5PLL/835/DIR)	47.75	

26 01 50 51-0324 LED Lamps, GX23 Or G23 Base *(26 01 50 51-0102)*

26 01 50 51-0325	EA	5 Watt, 580 Lumens, 2 Pin GX23 Base, Dimmable LED Lamp (Lunera HN-H-GX23-U-5W-840-G4)	23.29	

26 01 50 51-0326 LED Lamps, G24 Base *(26 01 50 51-0102)*

26 01 50 51-0327	EA	5.5 Watt, 500 Lumens, G24 Base, LED Lamp (Green Creative 5.5PLH/835/DIR/R)	30.38	

26 01 50 51-0328 LED Tubes (Fluorescent Lamp Replacement) *(26 01 50 51-0102)*

26 01 50 51-0329	EA	2', 1,250 Lumens, 4000K CCT, LED Tube (T8 Fluorescent Lamp Replacement) (Remphos RPT-TOTALTUBEG2-T8-24IN-4000K)	41.69	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.07*	
26 01 50 51-0330	EA	2', 1,900 Lumens, 4000K CCT, LED Tube (T8 Fluorescent Lamp Replacement) (Remphos RPT-TOTALTUBEG2-T8-24INU-4000K)	54.43	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.07*	
26 01 50 51-0331	EA	3', 1,900 Lumens, 4000K CCT, LED Tube (T8 Fluorescent Lamp Replacement) (Remphos RPT-TOTALTUBEG2-T8-36IN-4000K)	44.93	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.27*	
26 01 50 51-0332	EA	4', 1,900 Lumens, 4000K CCT, LED Tube (T8 Fluorescent Lamp Replacement) (Remphos RPT-TOTALTUBEG2-T8-48IN-4000K)	49.23	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.46*	
26 01 50 51-0333	EA	4', 2,200 Lumens, 4000K CCT, LED Tube (T8 Fluorescent Lamp Replacement) (Remphos RPT-TOTALTUBEG2HO-T8-48IN-4000K)	54.01	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.46*	
26 01 50 51-0334	EA	4', 2,539 Lumens, LED Tube (T8 Fluorescent Lamp Replacement) (Carson Technology CT-D02018TBN)	33.69	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.46*	
26 01 50 51-0335	EA	2', 1,348 Lumens, LED Tube (T8 Fluorescent Lamp Replacement) (Carson Technology CT-D02010TBN)	32.52	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.07*	
26 01 50 51-0336	EA	2', 1,100 Lumens, LED Tube (T8 Fluorescent Lamp Replacement) (Sylvania LED9T8/L24/FG/835/BF)	29.56	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.07*	
26 01 50 51-0337	EA	3', 1,650 Lumens, LED Tube (T8 Fluorescent Lamp Replacement) (Sylvania LED12T8/L36/FG/835/BF)	30.05	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.27*	
26 01 50 51-0338	EA	4', 1,700 Lumens, LED Tube (T8 Fluorescent Lamp Replacement) (Sylvania LED14T8/L48/FG/835/BF)	30.01	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.46*	
26 01 50 51-0339	EA	4', 2,100 Lumens, LED Tube (T8 Fluorescent Lamp Replacement) (Sylvania LED17T8/L48/FG/835/BF)	31.14	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-3.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 51-0340		**Filament LED Lamps** *(26 01 50 51-0102)*		
26 01 50 51-0341	EA	7.5 Watt, 2700K CCT, Clear A19 Filament LED Lamp (Green Creative 7.5FA19DIM/827)	17.48	
26 01 50 51-0342	EA	4.5 Watt, 2700K CCT, Clear A19 Filament LED Lamp (Green Creative 4.5A19DIM/827/R)	17.48	
26 01 50 51-0343	EA	4.5 Watt, 2700K CCT, Clear A19 Filament LED Lamp (Green Creative 4.5FA19DIM/827)	16.73	
26 01 50 51-0344	EA	4.5 Watt, 2400 CCT, Amber A19 Filament LED Lamp (Green Creative 4.5FA19DIM/824/A)	16.73	
26 01 50 51-0345	EA	4.5 Watt, 2700K CCT, Clear G25 Globe Filament LED Lamp (Green Creative 4.5FG25DIM/827)	17.93	
26 01 50 51-0346	EA	4.5 Watt, 2400 CCT, Amber G25 Globe Filament LED Lamp (Green Creative 4.5FG25DIM/824/A)	17.93	
26 01 50 51-0347	EA	3.5 Watt, 2700K CCT, Clear B10 Candle Filament LED Lamp (Green Creative 3.5FB10DIM/827)	15.23	
26 01 50 51-0348	EA	3.5 Watt, 2700K CCT, Clear B11 Candle Filament LED Lamp (Green Creative 3.5FB11DIM/827/E26)	15.23	
26 01 50 51-0349	EA	3.5 Watt, 2400 CCT, Amber B10 Candle Filament LED Lamp (Green Creative 3.5FBA10DIM/824/FT/A)	15.68	
26 01 50 51-0350	EA	3.5 Watt, 2400 CCT, Amber ST19 Filament LED Lamp (Green Creative 5FST19DIM/824/A)	18.98	
26 01 50 51-0351	EA	4.5 Watt, 120 Volt 450 Lumens ULTRA LED Filament Lamp (Sylvania 79521)	22.57	
26 01 50 51-0352		**Other Lamps** *(26 01 50 51-0102)*		
26 01 50 51-0353	EA	8 Watt, Medium Base, A19, A-Shape Dimmable LED Lamp (Philips 8A19/END/2700 DIM 6/1)	16.61	
26 01 50 51-0354	EA	8 Watt, Medium Base, A19, A-Shape Dimmable LED Lamp (Philips 7A19/2700 DIM)	16.61	
26 01 50 51-0355	EA	11 Watt, Medium Base, A19, A-Shape Dimmable LED Lamp (Philips 11A19/2700 DIM)	16.61	
26 01 50 51-0356	EA	12 Watt, Medium Base, Dimmable BR40 LED Lamp (Philips 12BR40/F90 2700 DIM AF 6/1)	17.36	
26 01 50 51-0357	EA	13 Watt, Medium Base, Dimmable PAR38 LED Single Optic Lamp (Philips 13PAR38/S15 4000 DIM AF SO 6/1)	17.36	
26 01 50 51-0358	EA	8 Watt, Medium Base, Dimmable PAR20 LED Lamp (Philips 8PAR20/END/F36 3000 DIM 6/1)	17.36	
26 01 50 51-0359		**LED Lamps, Light Engines, Round, LER Series** *(26 01 50 51-0102)*		
26 01 50 51-0360	EA	5.5" Diameter, 17 Watt, 3000K CCT, Round LED Light Engine (Maxlite LER5.5A1730)	54.32	
26 01 50 51-0361	EA	9 Watt, 120 Volt, 800 Lumens, 2700K, Omnidirectional Ultra LED A-line Lamp (Sylvania LED9A19/DIM/O/827/U)	30.74	
26 01 50 51-0362		**Remove Hazardous Lamps From Fixture For Recycling** *(26 01 50 51)* Note: Excludes containers, shipping costs and recycling fees. See CSI section 26 01 50 51-0371 for recycling hazardous lamps.		
26 01 50 51-0363	EA	Removal Of 2' Length Linear Fluorescent Lamps	4.08	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-1.35*	
26 01 50 51-0364	EA	Removal Of 3' Length Linear Fluorescent Lamps	4.66	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-1.54*	
26 01 50 51-0365	EA	Removal Of 4' Length Linear Fluorescent Lamps	5.23	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-1.73*	
26 01 50 51-0366	EA	Removal Of 6' Length Linear Fluorescent Lamps	5.82	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-1.92*	
26 01 50 51-0367	EA	Removal Of 8' Length Linear Fluorescent Lamps	6.40	
		For Removal Of Multiple Lamps In A Fixture, Deduct	*-2.11*	
26 01 50 51-0368	EA	Removal Of Compact Fluorescent Lamps	3.49	
		For >25 To 40, Deduct	*-0.35*	
		For >40, Deduct	*-0.70*	
26 01 50 51-0369	EA	Removal Of U-Shaped Or Circular Fluorescent Lamps	5.53	
		For >25 To 40, Deduct	*-0.55*	
		For >40, Deduct	*-1.11*	
26 01 50 51-0370	EA	Removal Of High Intensity Discharge (HID) Or Metal Halide Lamps	9.90	
		For >25 To 40, Deduct	*-0.99*	
		For >40, Deduct	*-1.98*	
26 01 50 51-0371		**Recycle Hazardous Lamps** *(26 01 50 51)* Note: Includes containers, shipping costs and recycling fees. Excludes lamp removal. See CSI section 26 01 50 51-0001 for removal of lamps from fixtures.		
26 01 50 51-0372	EA	Recycle 2' Length Linear Fluorescent Lamps	1.73	
26 01 50 51-0373	EA	Recycle 3' Length Linear Fluorescent Lamps	2.22	
26 01 50 51-0374	EA	Recycle 4' Length Linear Fluorescent Lamps	2.71	
26 01 50 51-0375	EA	Recycle 6' Length Linear Fluorescent Lamps	3.83	
26 01 50 51-0376	EA	Recycle 8' Length Linear Fluorescent Lamps	4.80	
26 01 50 51-0377	EA	Recycle Compact Fluorescent Lamps	4.42	
26 01 50 51-0378	EA	Recycle U-Shaped Or Circular Fluorescent Lamps	4.42	
26 01 50 51-0379	EA	Recycle High Intensity Discharge (HID) Lamps	6.99	
26 01 50 52		**Ballasts Replacement** *(26 01 50)*		
26 01 50 52-0001		**Lighting Ballasts** *(26 01 50 52)* Note: Excludes recycling fees. See CSI section 02 84 16 00-0003 for ballast recycling.		
26 01 50 52-0002		**Fluorescent Ballasts** *(26 01 50 52-0001)*		
26 01 50 52-0003		**T5 Fluorescent Ballasts** *(26 01 50 52-0002)*		
26 01 50 52-0004		**T5 Fluorescent Electronic Ballasts** *(26 01 50 52-0003)* Note: Includes 120/277 Volt and normal ballast factor.		
26 01 50 52-0005		**14 Watt, T5 Fluorescent Electronic Ballasts** *(26 01 50 52-0004)*		
26 01 50 52-0006	EA	1 Lamp, 14 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast	131.73	23.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.99*	
		For High Ballast Factor, Add	*7.61*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 52-0007	EA	2 Lamp, 14 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast	137.54	29.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.73*	
		For High Ballast Factor, Add	*7.61*	
26 01 50 52-0008		**21 Watt, T5 Fluorescent Electronic Ballasts** *(26 01 50 52-0004)*		
26 01 50 52-0009	EA	1 Lamp, 21 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast	131.73	23.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.99*	
		For High Ballast Factor, Add	*7.61*	
26 01 50 52-0010	EA	2 Lamp, 21 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast	137.54	29.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.73*	
		For High Ballast Factor, Add	*7.61*	
26 01 50 52-0011		**28 Watt, T5 Fluorescent Electronic Ballasts** *(26 01 50 52-0004)*		
26 01 50 52-0012	EA	1 Lamp, 28 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast	131.73	23.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.99*	
		For High Ballast Factor, Add	*7.61*	
26 01 50 52-0013	EA	2 Lamp, 28 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast	137.54	29.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.73*	
		For High Ballast Factor, Add	*7.61*	
26 01 50 52-0014		**35 Watt, T5 Fluorescent Electronic Ballasts** *(26 01 50 52-0004)*		
26 01 50 52-0015	EA	1 Lamp, 35 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast	131.73	23.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.99*	
26 01 50 52-0016	EA	2 Lamp, 35 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast	137.54	29.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.73*	
26 01 50 52-0017		**54 Watt, T5 Fluorescent Electronic Ballasts** *(26 01 50 52-0004)*		
26 01 50 52-0018	EA	1 Lamp, 54 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast	131.57	23.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.99*	
26 01 50 52-0019	EA	2 Lamp, 54 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast	137.38	29.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.73*	
26 01 50 52-0020	EA	3 Lamp, 54 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast	188.74	34.92
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.48*	
26 01 50 52-0021	EA	4 Lamp, 54 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast	194.56	40.74
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.22*	
26 01 50 52-0022		**High-Output, T5HO Fluorescent Electronic Ballasts** *(26 01 50 52-0003)*		
		Note: Includes 120/277 Volt and normal ballast factor.		
26 01 50 52-0023		**12 Watt, High-Output, T5HO Fluorescent Electronic Ballasts** *(26 01 50 52-0022)*		
26 01 50 52-0024	EA	1 Lamp, 12 Watt, Programmed Start, High-Output, T5HO Fluorescent Electronic Ballast	110.10	23.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.99*	
26 01 50 52-0025	EA	2 Lamp, 12 Watt, Programmed Start, High-Output, T5HO Fluorescent Electronic Ballast	115.91	29.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.73*	
26 01 50 52-0026		**24 Watt, High-Output, T5HO Fluorescent Electronic Ballasts** *(26 01 50 52-0022)*		
26 01 50 52-0027	EA	1 Lamp, 24 Watt, Programmed Start, High-Output, T5HO Fluorescent Electronic Ballast	144.67	23.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.99*	
26 01 50 52-0028	EA	2 Lamp, 24 Watt, Programmed Start, High-Output, T5HO Fluorescent Electronic Ballast	150.48	29.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.73*	
26 01 50 52-0029		**39 Watt, High-Output, T5HO Fluorescent Electronic Ballasts** *(26 01 50 52-0022)*		
26 01 50 52-0030	EA	1 Lamp, 39 Watt, Programmed Start, High-Output, T5HO Fluorescent Electronic Ballast	144.67	23.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.99*	
26 01 50 52-0031	EA	2 Lamp, 39 Watt, Programmed Start, High-Output, T5HO Fluorescent Electronic Ballast	150.48	29.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.73*	
26 01 50 52-0032		**54 Watt, High-Output, T5HO Fluorescent Electronic Ballasts** *(26 01 50 52-0022)*		
26 01 50 52-0033	EA	1 Lamp, 54 Watt, Programmed Start, High-Output, T5HO Fluorescent Electronic Ballast	110.10	23.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.99*	
26 01 50 52-0034	EA	2 Lamp, 54 Watt, Programmed Start, High-Output, T5HO Fluorescent Electronic Ballast	115.91	29.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.73*	
26 01 50 52-0035		**Dimming, T5 Fluorescent Electronic Ballasts** *(26 01 50 52-0003)*		
26 01 50 52-0036		**Step Dimming, T5 Fluorescent Electronic Ballasts** *(26 01 50 52-0035)*		
		Note: Includes 120/277 Volt and normal ballast factor.		
26 01 50 52-0037		**28 Watt, Step Dimming, T5 Fluorescent Electronic Ballast** *(26 01 50 52-0036)*		
26 01 50 52-0038	EA	2 Lamp, 28 Watt, Programmed Start, Step Dimming, T5 Fluorescent Electronic Ballast	121.75	29.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 52-0039		Dimming To 5%, T5 Fluorescent Electronic Ballasts *(26 01 50 52-0035)* Note: Includes 120/277 Volt and normal ballast factor.		
26 01 50 52-0040		54 Watt, Dimming To 5%, High-Output, T5HO Fluorescent Electronic Ballasts *(26 01 50 52-0039)*		
26 01 50 52-0041	EA	1 Lamp, 54 Watt, Programmed Start, Dimming To 5%, High-Output, T5HO Fluorescent Electronic Ballast	472.17	23.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.99*	
26 01 50 52-0042	EA	2 Lamp, 54 Watt, Programmed Start, Dimming To 5%, High-Output, T5HO Fluorescent Electronic Ballast	464.91	29.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.73*	
26 01 50 52-0043		T8 Fluorescent Ballasts *(26 01 50 52-0002)*		
26 01 50 52-0044		T8 Fluorescent Electronic Ballasts *(26 01 50 52-0043)* Note: Includes 120/277 Volt and low or normal ballast factor.		
26 01 50 52-0045		17 Watt, T8 Fluorescent Electronic Ballasts *(26 01 50 52-0044)*		
26 01 50 52-0046	EA	1 Lamp, 17 Watt, Instant Start, T8 Fluorescent Electronic Ballast	56.40	23.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.99*	
		For High Ballast Factor, Add	*18.52*	
26 01 50 52-0047	EA	1 Lamp, 17 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	100.96	23.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.99*	
		For High Ballast Factor, Add	*12.18*	
26 01 50 52-0048	EA	2 Lamp, 17 Watt, Instant Start, T8 Fluorescent Electronic Ballast	62.21	29.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.73*	
		For High Ballast Factor, Add	*18.52*	
26 01 50 52-0049	EA	2 Lamp, 17 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	106.77	29.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.73*	
		For High Ballast Factor, Add	*12.18*	
26 01 50 52-0050	EA	3 Lamp, 17 Watt, Instant Start, T8 Fluorescent Electronic Ballast	75.86	34.92
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.48*	
		For High Ballast Factor, Add	*18.03*	
26 01 50 52-0051	EA	3 Lamp, 17 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	119.44	34.92
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.48*	
		For High Ballast Factor, Add	*10.36*	
26 01 50 52-0052	EA	4 Lamp, 17 Watt, Instant Start, T8 Fluorescent Electronic Ballast	86.76	40.74
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.22*	
		For High Ballast Factor, Add	*45.66*	
26 01 50 52-0053	EA	4 Lamp, 17 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	130.60	40.74
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.22*	
		For High Ballast Factor, Add	*26.65*	
26 01 50 52-0054		25 Watt, T8 Fluorescent Electronic Ballasts *(26 01 50 52-0044)*		
26 01 50 52-0055	EA	1 Lamp, 25 Watt, Instant Start, T8 Fluorescent Electronic Ballast	56.40	23.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.99*	
		For High Ballast Factor, Add	*18.52*	
26 01 50 52-0056	EA	1 Lamp, 25 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	100.96	23.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.99*	
		For High Ballast Factor, Add	*12.18*	
26 01 50 52-0057	EA	2 Lamp, 25 Watt, Instant Start, T8 Fluorescent Electronic Ballast	62.21	29.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.73*	
		For High Ballast Factor, Add	*18.52*	
26 01 50 52-0058	EA	2 Lamp, 25 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	106.77	29.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.73*	
		For High Ballast Factor, Add	*12.18*	
26 01 50 52-0059	EA	3 Lamp, 25 Watt, Instant Start, T8 Fluorescent Electronic Ballast	75.86	34.92
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.48*	
		For High Ballast Factor, Add	*18.03*	
26 01 50 52-0060	EA	3 Lamp, 25 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	119.44	34.92
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.48*	
		For High Ballast Factor, Add	*10.36*	
26 01 50 52-0061	EA	4 Lamp, 25 Watt, Instant Start, T8 Fluorescent Electronic Ballast	86.76	40.74
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.22*	
		For High Ballast Factor, Add	*45.66*	
26 01 50 52-0062	EA	4 Lamp, 25 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	130.60	40.74
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.22*	
		For High Ballast Factor, Add	*26.65*	
26 01 50 52-0063		28 Watt, T8 Fluorescent Electronic Ballasts *(26 01 50 52-0044)*		
26 01 50 52-0064	EA	1 Lamp, 28 Watt, Instant Start, T8 Fluorescent Electronic Ballast	56.40	23.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.99*	
		For High Ballast Factor, Add	*18.52*	
26 01 50 52-0065	EA	1 Lamp, 28 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	100.96	23.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.99*	
		For High Ballast Factor, Add	*12.18*	
26 01 50 52-0066	EA	2 Lamp, 28 Watt, Instant Start, T8 Fluorescent Electronic Ballast	62.21	29.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.73*	
		For High Ballast Factor, Add	*18.52*	
26 01 50 52-0067	EA	2 Lamp, 28 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	106.77	29.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.73*	
		For High Ballast Factor, Add	*12.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 52-0068	EA	3 Lamp, 28 Watt, Instant Start, T8 Fluorescent Electronic Ballast	75.86	34.92
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.48*	
		For High Ballast Factor, Add	*18.03*	
26 01 50 52-0069	EA	3 Lamp, 28 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	119.44	34.92
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.48*	
		For High Ballast Factor, Add	*10.36*	
26 01 50 52-0070	EA	4 Lamp, 28 Watt, Instant Start, T8 Fluorescent Electronic Ballast	86.76	40.74
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.22*	
		For High Ballast Factor, Add	*45.66*	
26 01 50 52-0071	EA	4 Lamp, 28 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	130.60	40.74
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.22*	
		For High Ballast Factor, Add	*26.65*	
26 01 50 52-0072		**32 Watt, T8 Fluorescent Electronic Ballasts** *(26 01 50 52-0044)*		
26 01 50 52-0073	EA	1 Lamp, 32 Watt, Instant Start, T8 Fluorescent Electronic Ballast	56.40	23.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.99*	
		For High Ballast Factor, Add	*18.52*	
26 01 50 52-0074	EA	1 Lamp, 32 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	100.96	23.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.99*	
		For High Ballast Factor, Add	*12.18*	
26 01 50 52-0075	EA	2 Lamp, 32 Watt, Instant Start, T8 Fluorescent Electronic Ballast	62.21	29.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.73*	
		For High Ballast Factor, Add	*18.52*	
26 01 50 52-0076	EA	2 Lamp, 32 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	106.77	29.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.73*	
		For High Ballast Factor, Add	*12.18*	
26 01 50 52-0077	EA	3 Lamp, 32 Watt, Instant Start, T8 Fluorescent Electronic Ballast	75.86	34.92
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.48*	
		For High Ballast Factor, Add	*18.03*	
26 01 50 52-0078	EA	3 Lamp, 32 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	119.44	34.92
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.48*	
		For High Ballast Factor, Add	*10.36*	
26 01 50 52-0079	EA	4 Lamp, 32 Watt, Instant Start, T8 Fluorescent Electronic Ballast	86.76	40.74
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.22*	
		For High Ballast Factor, Add	*45.66*	
26 01 50 52-0080	EA	4 Lamp, 32 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	130.60	40.74
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.22*	
		For High Ballast Factor, Add	*26.65*	
26 01 50 52-0081		**40 Watt, T8 Fluorescent Electronic Ballasts** *(26 01 50 52-0044)*		
26 01 50 52-0082	EA	1 Lamp, 40 Watt, Instant Start, T8 Fluorescent Electronic Ballast	91.52	23.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.99*	
		For High Ballast Factor, Add	*7.92*	
26 01 50 52-0083	EA	1 Lamp, 40 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	100.96	23.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.99*	
		For High Ballast Factor, Add	*12.18*	
26 01 50 52-0084	EA	2 Lamp, 40 Watt, Instant Start, T8 Fluorescent Electronic Ballast	97.33	29.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.73*	
		For High Ballast Factor, Add	*7.92*	
26 01 50 52-0085	EA	2 Lamp, 40 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	106.77	29.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.73*	
		For High Ballast Factor, Add	*12.18*	
26 01 50 52-0086	EA	3 Lamp, 40 Watt, Instant Start, T8 Fluorescent Electronic Ballast	121.73	34.92
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.48*	
		For High Ballast Factor, Add	*4.87*	
26 01 50 52-0087	EA	3 Lamp, 40 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	119.44	34.92
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.48*	
26 01 50 52-0088	EA	4 Lamp, 40 Watt, Instant Start, T8 Fluorescent Electronic Ballast	127.55	40.74
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.22*	
		For High Ballast Factor, Add	*4.87*	
26 01 50 52-0089	EA	4 Lamp, 40 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast	130.60	40.74
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.22*	
26 01 50 52-0090		**96 Watt, T8 Fluorescent Electronic Ballasts** *(26 01 50 52-0044)*		
26 01 50 52-0091	EA	1 Lamp, 96 Watt, Instant Start, T8 Fluorescent Electronic Ballast	110.10	23.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.99*	
		For High Ballast Factor, Add	*16.97*	
26 01 50 52-0092	EA	2 Lamp, 96 Watt, Instant Start, T8 Fluorescent Electronic Ballast	115.91	29.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.73*	
		For High Ballast Factor, Add	*16.97*	
26 01 50 52-0093		**High-Output, T8HO Fluorescent Electronic Ballasts** *(26 01 50 52-0043)*		
		Note: Includes 120/277 Volt and normal ballast factor.		
26 01 50 52-0094		**48 Watt, High-Output, T8HO Fluorescent Electronic Ballasts** *(26 01 50 52-0093)*		
26 01 50 52-0095	EA	1 Lamp, 48 Watt, Instant Start, High-Output, T8HO Fluorescent Electronic Ballast	134.01	23.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.99*	
26 01 50 52-0096	EA	1 Lamp, 48 Watt, Programmed Start, High-Output, T8HO Fluorescent Electronic Ballast	175.31	23.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.99*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 52-0097	EA	2 Lamp, 48 Watt, Instant Start, High-Output, T8HO Fluorescent Electronic Ballast	139.82	29.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.73*	
26 01 50 52-0098	EA	2 Lamp, 48 Watt, Programmed Start, High-Output, T8HO Fluorescent Electronic Ballast	181.12	29.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.73*	
26 01 50 52-0099		**60 Watt, High-Output, T8HO Fluorescent Electronic Ballasts** *(26 01 50 52-0093)*		
26 01 50 52-0100	EA	1 Lamp, 60 Watt, Instant Start, High-Output, T8HO Fluorescent Electronic Ballast	134.01	23.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.99*	
26 01 50 52-0101	EA	1 Lamp, 60 Watt, Programmed Start, High-Output, T8HO Fluorescent Electronic Ballast	175.31	23.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.99*	
26 01 50 52-0102	EA	2 Lamp, 60 Watt, Instant Start, High-Output, T8HO Fluorescent Electronic Ballast	139.82	29.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.73*	
26 01 50 52-0103	EA	2 Lamp, 60 Watt, Programmed Start, High-Output, T8HO Fluorescent Electronic Ballast	181.12	29.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.73*	
26 01 50 52-0104		**72 Watt, High-Output, T8HO Fluorescent Electronic Ballasts** *(26 01 50 52-0093)*		
26 01 50 52-0105	EA	1 Lamp, 72 Watt, Instant Start, High-Output, T8HO Fluorescent Electronic Ballast	134.01	23.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.99*	
26 01 50 52-0106	EA	1 Lamp, 72 Watt, Programmed Start, High-Output, T8HO Fluorescent Electronic Ballast	175.31	23.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.99*	
26 01 50 52-0107	EA	2 Lamp, 72 Watt, Instant Start, High-Output, T8HO Fluorescent Electronic Ballast	139.82	29.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.73*	
26 01 50 52-0108	EA	2 Lamp, 72 Watt, Programmed Start, High-Output, T8HO Fluorescent Electronic Ballast	181.12	29.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.73*	
26 01 50 52-0109		**96 Watt, High-Output, T8HO Fluorescent Electronic Ballasts** *(26 01 50 52-0093)*		
26 01 50 52-0110	EA	1 Lamp, 96 Watt, Instant Start, High-Output, T8HO Fluorescent Electronic Ballast	134.01	23.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.99*	
26 01 50 52-0111	EA	1 Lamp, 96 Watt, Programmed Start, High-Output, T8HO Fluorescent Electronic Ballast	175.31	23.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.99*	
26 01 50 52-0112	EA	2 Lamp, 96 Watt, Instant Start, High-Output, T8HO Fluorescent Electronic Ballast	139.82	29.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.73*	
26 01 50 52-0113	EA	2 Lamp, 96 Watt, Programmed Start, High-Output, T8HO Fluorescent Electronic Ballast	181.12	29.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.73*	
26 01 50 52-0114		**Dimming, T8 Fluorescent Electronic Ballasts** *(26 01 50 52-0043)*		
26 01 50 52-0115		**Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballasts** *(26 01 50 52-0114)*		
		Note: Includes 120/277 Volt and high ballast factor.		
26 01 50 52-0116		**17 Watt, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballasts** *(26 01 50 52-0115)*		
26 01 50 52-0117	EA	1 Lamp, 17 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	68.13	23.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.99*	
26 01 50 52-0118	EA	2 Lamp, 17 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	73.94	29.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.73*	
26 01 50 52-0119	EA	3 Lamp, 17 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	85.08	34.92
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.48*	
26 01 50 52-0120	EA	4 Lamp, 17 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	102.71	40.74
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.22*	
26 01 50 52-0121	EA	5 Lamp, 17 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	155.61	46.56
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.97*	
26 01 50 52-0122	EA	6 Lamp, 17 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	161.44	52.39
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.72*	
26 01 50 52-0123		**25 Watt, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballasts** *(26 01 50 52-0115)*		
26 01 50 52-0124	EA	1 Lamp, 25 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	68.13	23.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.99*	
26 01 50 52-0125	EA	2 Lamp, 25 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	73.94	29.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.73*	
26 01 50 52-0126	EA	3 Lamp, 25 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	85.08	34.92
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.48*	
26 01 50 52-0127	EA	4 Lamp, 25 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	102.71	40.74
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.22*	
26 01 50 52-0128	EA	5 Lamp, 25 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	155.61	46.56
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.97*	
26 01 50 52-0129	EA	6 Lamp, 25 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	161.44	52.39
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.72*	
26 01 50 52-0130		**28 Watt, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballasts** *(26 01 50 52-0115)*		
26 01 50 52-0131	EA	1 Lamp, 28 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	68.13	23.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.99*	
26 01 50 52-0132	EA	2 Lamp, 28 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	73.94	29.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.73*	
26 01 50 52-0133	EA	3 Lamp, 28 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	85.08	34.92
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 52-0134	EA	4 Lamp, 28 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	102.71	40.74
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.22*	
26 01 50 52-0135	EA	5 Lamp, 28 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	155.61	46.56
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.97*	
26 01 50 52-0136	EA	6 Lamp, 28 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	161.44	52.39
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.72*	
26 01 50 52-0137		**32 Watt, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballasts** *(26 01 50 52-0115)*		
26 01 50 52-0138	EA	1 Lamp, 32 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	68.13	23.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.99*	
26 01 50 52-0139	EA	2 Lamp, 32 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	73.94	29.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.73*	
26 01 50 52-0140	EA	3 Lamp, 32 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	85.08	34.92
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.48*	
26 01 50 52-0141	EA	4 Lamp, 32 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	102.71	40.74
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.22*	
26 01 50 52-0142	EA	5 Lamp, 32 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	155.61	46.56
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.97*	
26 01 50 52-0143	EA	6 Lamp, 32 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	161.44	52.39
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.72*	
26 01 50 52-0144		**40 Watt, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballasts** *(26 01 50 52-0115)*		
26 01 50 52-0145	EA	1 Lamp, 40 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	68.13	23.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.99*	
26 01 50 52-0146	EA	2 Lamp, 40 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	73.94	29.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.73*	
26 01 50 52-0147	EA	3 Lamp, 40 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	85.08	34.92
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.48*	
26 01 50 52-0148	EA	4 Lamp, 40 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	102.71	40.74
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.22*	
26 01 50 52-0149	EA	5 Lamp, 40 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	155.61	46.56
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.97*	
26 01 50 52-0150	EA	6 Lamp, 40 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	161.44	52.39
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.72*	
26 01 50 52-0151		**Step Dimming, T8 Fluorescent Electronic Ballasts** *(26 01 50 52-0114)*		
		Note: Includes 120/277 Volt and high ballast factor.		
26 01 50 52-0152		**17 Watt, Step Dimming, T8 Fluorescent Electronic Ballasts** *(26 01 50 52-0151)*		
26 01 50 52-0153	EA	1 Lamp, 17 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	68.13	23.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.99*	
26 01 50 52-0154	EA	2 Lamp, 17 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	73.94	29.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.73*	
26 01 50 52-0155	EA	3 Lamp, 17 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	82.71	34.92
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.48*	
26 01 50 52-0156	EA	4 Lamp, 17 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	102.71	40.74
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.22*	
26 01 50 52-0157	EA	5 Lamp, 17 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	148.08	46.56
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.97*	
26 01 50 52-0158	EA	6 Lamp, 17 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	153.91	52.39
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.72*	
26 01 50 52-0159		**25 Watt, Step Dimming, T8 Fluorescent Electronic Ballasts** *(26 01 50 52-0151)*		
26 01 50 52-0160	EA	1 Lamp, 25 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	68.13	23.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.99*	
26 01 50 52-0161	EA	2 Lamp, 25 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	73.94	29.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.73*	
26 01 50 52-0162	EA	3 Lamp, 25 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	82.71	34.92
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.48*	
26 01 50 52-0163	EA	4 Lamp, 25 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	102.71	40.74
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.22*	
26 01 50 52-0164	EA	5 Lamp, 25 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	148.08	46.56
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.97*	
26 01 50 52-0165	EA	6 Lamp, 25 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	153.91	52.39
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.72*	
26 01 50 52-0166		**28 Watt, Step Dimming, T8 Fluorescent Electronic Ballasts** *(26 01 50 52-0151)*		
26 01 50 52-0167	EA	1 Lamp, 28 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	68.13	23.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.99*	
26 01 50 52-0168	EA	2 Lamp, 28 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	73.94	29.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.73*	
26 01 50 52-0169	EA	3 Lamp, 28 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	82.71	34.92
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.48*	
26 01 50 52-0170	EA	4 Lamp, 28 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	102.71	40.74
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.22*	
26 01 50 52-0171	EA	5 Lamp, 28 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	148.08	46.56
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 52-0172	EA	6 Lamp, 28 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	153.91	52.39
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.72*	

26 01 50 52-0173 32 Watt, Step Dimming, T8 Fluorescent Electronic Ballasts *(26 01 50 52-0151)*

26 01 50 52-0174	EA	1 Lamp, 32 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	68.13	23.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.99*	
26 01 50 52-0175	EA	2 Lamp, 32 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	73.94	29.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.73*	
26 01 50 52-0176	EA	3 Lamp, 32 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	82.71	34.92
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.48*	
26 01 50 52-0177	EA	4 Lamp, 32 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	102.71	40.74
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.22*	
26 01 50 52-0178	EA	5 Lamp, 32 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	148.08	46.56
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.97*	
26 01 50 52-0179	EA	6 Lamp, 32 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	153.91	52.39
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.72*	

26 01 50 52-0180 40 Watt, Step Dimming, T8 Fluorescent Electronic Ballasts *(26 01 50 52-0151)*

26 01 50 52-0181	EA	1 Lamp, 40 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	68.13	23.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.99*	
26 01 50 52-0182	EA	2 Lamp, 40 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	73.94	29.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.73*	
26 01 50 52-0183	EA	3 Lamp, 40 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	82.71	34.92
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.48*	
26 01 50 52-0184	EA	4 Lamp, 40 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	102.71	40.74
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.22*	
26 01 50 52-0185	EA	5 Lamp, 40 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	148.08	46.56
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.97*	
26 01 50 52-0186	EA	6 Lamp, 40 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast	153.91	52.39
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.72*	

26 01 50 52-0187 Dimming To 3%, T8 Fluorescent Electronic Ballasts *(26 01 50 52-0114)*

Note: Includes 120/277 Volt and normal ballast factor.

26 01 50 52-0188 17 Watt, Dimming To 3%, T8 Fluorescent Electronic Ballasts *(26 01 50 52-0187)*

26 01 50 52-0189	EA	1 Lamp, 17 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast	165.69	23.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.99*	
26 01 50 52-0190	EA	2 Lamp, 17 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast	171.50	29.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.73*	
26 01 50 52-0191	EA	3 Lamp, 17 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast	204.88	34.92
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.48*	
26 01 50 52-0192	EA	4 Lamp, 17 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast	210.70	40.74
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.22*	

26 01 50 52-0193 25 Watt, Dimming To 3%, T8 Fluorescent Electronic Ballasts *(26 01 50 52-0187)*

26 01 50 52-0194	EA	1 Lamp, 25 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast	165.69	23.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.99*	
26 01 50 52-0195	EA	2 Lamp, 25 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast	171.50	29.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.73*	
26 01 50 52-0196	EA	3 Lamp, 25 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast	204.88	34.92
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.48*	
26 01 50 52-0197	EA	4 Lamp, 25 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast	210.70	40.74
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.22*	

26 01 50 52-0198 28 Watt, Dimming To 3%, T8 Fluorescent Electronic Ballasts *(26 01 50 52-0187)*

26 01 50 52-0199	EA	1 Lamp, 28 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast	165.69	23.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.99*	
26 01 50 52-0200	EA	2 Lamp, 28 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast	171.50	29.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.73*	
26 01 50 52-0201	EA	3 Lamp, 28 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast	204.88	34.92
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.48*	
26 01 50 52-0202	EA	4 Lamp, 28 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast	210.70	40.74
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.22*	

26 01 50 52-0203 32 Watt, Dimming To 3%, T8 Fluorescent Electronic Ballasts *(26 01 50 52-0187)*

26 01 50 52-0204	EA	1 Lamp, 32 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast	165.69	23.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.99*	
26 01 50 52-0205	EA	2 Lamp, 32 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast	171.50	29.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.73*	
26 01 50 52-0206	EA	3 Lamp, 32 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast	204.88	34.92
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.48*	
26 01 50 52-0207	EA	4 Lamp, 32 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast	210.70	40.74
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.22*	

26 01 50 52-0208 T10 Fluorescent Ballasts *(26 01 50 52-0002)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 52-0209		T10 Fluorescent Electronic Ballasts *(26 01 50 52-0208)*		
		Note: Includes 120/277 Volt and normal ballast factor.		
26 01 50 52-0210		40 Watt, T10 Fluorescent Electronic Ballasts *(26 01 50 52-0209)*		
26 01 50 52-0211	EA	1 Lamp, 40 Watt, Program/Rapid Start, T10 Fluorescent Electronic Ballast	80.86	23.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.99*	
26 01 50 52-0212	EA	2 Lamp, 40 Watt, Program/Rapid Start, T10 Fluorescent Electronic Ballast	86.67	29.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.73*	
26 01 50 52-0213	EA	3 Lamp, 40 Watt, Program/Rapid Start, T10 Fluorescent Electronic Ballast	106.35	34.92
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.48*	
26 01 50 52-0214		T12 Fluorescent Ballasts *(26 01 50 52-0002)*		
26 01 50 52-0215		T12 Fluorescent Electronic Ballasts *(26 01 50 52-0214)*		
		Note: Includes 120/277 Volt and normal ballast factor.		
26 01 50 52-0216		25 Watt, T12 Fluorescent Electronic Ballasts *(26 01 50 52-0215)*		
26 01 50 52-0217	EA	1 Lamp, 25 Watt, Instant Start, T12 Fluorescent Electronic Ballast	56.40	23.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.99*	
26 01 50 52-0218	EA	1 Lamp, 25 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast	80.86	23.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.99*	
26 01 50 52-0219	EA	2 Lamp, 25 Watt, Instant Start, T12 Fluorescent Electronic Ballast	62.21	29.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.73*	
26 01 50 52-0220	EA	2 Lamp, 25 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast	86.67	29.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.73*	
26 01 50 52-0221	EA	3 Lamp, 25 Watt, Instant Start, T12 Fluorescent Electronic Ballast	75.86	34.92
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.48*	
26 01 50 52-0222	EA	4 Lamp, 25 Watt, Instant Start, T12 Fluorescent Electronic Ballast	86.76	40.74
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.22*	
26 01 50 52-0223		30 Watt, T12 Fluorescent Electronic Ballasts *(26 01 50 52-0215)*		
26 01 50 52-0224	EA	1 Lamp, 30 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast	80.86	23.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.99*	
26 01 50 52-0225	EA	2 Lamp, 30 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast	86.67	29.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.73*	
26 01 50 52-0226	EA	3 Lamp, 30 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast	106.35	34.92
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.48*	
26 01 50 52-0227		34 Watt, T12 Fluorescent Electronic Ballasts *(26 01 50 52-0215)*		
26 01 50 52-0228	EA	1 Lamp, 34 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast	80.86	23.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.99*	
26 01 50 52-0229	EA	2 Lamp, 34 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast	86.67	29.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.73*	
26 01 50 52-0230	EA	3 Lamp, 34 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast	106.35	34.92
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.48*	
26 01 50 52-0231		40 Watt, T12 Fluorescent Electronic Ballasts *(26 01 50 52-0215)*		
26 01 50 52-0232	EA	1 Lamp, 40 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast	80.86	23.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.99*	
26 01 50 52-0233	EA	2 Lamp, 40 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast	86.67	29.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.73*	
26 01 50 52-0234	EA	3 Lamp, 40 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast	106.35	34.92
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.48*	
26 01 50 52-0235		96 Watt, T12 Fluorescent Electronic Ballasts *(26 01 50 52-0215)*		
26 01 50 52-0236	EA	1 Lamp, 96 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast	102.03	23.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.99*	
26 01 50 52-0237	EA	2 Lamp, 96 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast	115.91	29.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.73*	
26 01 50 52-0238		High-Output, T12HO Fluorescent Electronic Ballasts *(26 01 50 52-0214)*		
		Note: Includes 120/277 Volt and normal ballast factor.		
26 01 50 52-0239		48 Watt, High-Output, T12HO Fluorescent Electronic Ballasts *(26 01 50 52-0238)*		
26 01 50 52-0240	EA	1 Lamp, 48 Watt, Program/Rapid Start, High-Output, T12HO Fluorescent Electronic Ballast	134.47	23.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.99*	
26 01 50 52-0241	EA	2 Lamp, 48 Watt, Program/Rapid Start, High-Output, T12HO Fluorescent Electronic Ballast	140.28	29.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.73*	
26 01 50 52-0242		60 Watt, High-Output, T12HO Fluorescent Electronic Ballasts *(26 01 50 52-0238)*		
26 01 50 52-0243	EA	1 Lamp, 60 Watt, Program/Rapid Start, High-Output, T12HO Fluorescent Electronic Ballast	134.47	23.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.99*	
26 01 50 52-0244	EA	2 Lamp, 60 Watt, Program/Rapid Start, High-Output, T12HO Fluorescent Electronic Ballast	140.28	29.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 52-0245		**72 Watt, High-Output, T12HO Fluorescent Electronic Ballasts** *(26 01 50 52-0238)*		
26 01 50 52-0246	EA	1 Lamp, 72 Watt, Program/Rapid Start, High-Output, T12HO Fluorescent Electronic Ballast	134.47	23.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.99*	
26 01 50 52-0247	EA	2 Lamp, 72 Watt, Program/Rapid Start, High-Output, T12HO Fluorescent Electronic Ballast	140.28	29.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.73*	
26 01 50 52-0248		**96 Watt, High-Output, T12HO Fluorescent Electronic Ballasts** *(26 01 50 52-0238)*		
26 01 50 52-0249	EA	2 Lamp, 96 Watt, Program/Rapid Start, High-Output, T12HO Fluorescent Electronic Ballast	134.47	23.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.99*	
26 01 50 52-0250	EA	2 Lamp, 96 Watt, Program/Rapid Start, High-Output, T12HO Fluorescent Electronic Ballast	140.28	29.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.73*	
26 01 50 52-0251		**Emergency Fluorescent Ballasts** *(26 01 50 52-0002)* Note: 120/277 Volt.		
26 01 50 52-0252	EA	350 To 450 Lumens, One Lamp, Code Compliance, Ninety Minute Illumination, Emergency Fluorescent Ballast (Bodine B100)	209.27	23.29
		For Factory Installation In New Fixtures, Deduct	*-46.56*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.97*	
26 01 50 52-0253	EA	600 To 700 Lumens, Two Lamp, Ninety Minute Illumination, Emergency Fluorescent Ballast (Bodine B60)	349.32	29.10
		For Factory Installation In New Fixtures, Deduct	*-48.90*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.67*	
26 01 50 52-0254	EA	1,100 To 1,400 Lumens, One Or Two Lamp, Ninety Minute Illumination, Emergency Fluorescent Ballast (Bodine B50)	436.16	29.10
		For Factory Installation In New Fixtures, Deduct	*-48.90*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.67*	
26 01 50 52-0255	EA	600 To 700 Lumens, One Or Two Lamp, Two Hour Illumination, Emergency Fluorescent Ballast (Bodine B70A)	320.29	29.10
		For Factory Installation In New Fixtures, Deduct	*-48.90*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.67*	
26 01 50 52-0256	EA	2,700 To 3,400 Lumens, Two Or Three Lamp, Ninety Minute Illumination, Emergency Fluorescent Ballast (Bodine B33)	1,534.05	34.92
		For Factory Installation In New Fixtures, Deduct	*-51.22*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.37*	
26 01 50 52-0257	EA	225 To 450 Lumens, One Lamp, Four Hour Illumination, Emergency Fluorescent Ballast (Bodine B54)	442.96	23.29
		For Factory Installation In New Fixtures, Deduct	*-46.56*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.97*	
26 01 50 52-0258	EA	325 To 1,000 Lumens, One Or Two Lamp, Ninety Minute Illumination, Emergency Compact Fluorescent Ballast (Bodine B84CG)	747.64	29.10
		For Factory Installation In New Fixtures, Deduct	*-48.90*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.67*	
26 01 50 52-0259	EA	300 To 750 Lumens, One Or Two Lamp, Ninety Minute Illumination, Emergency Compact Fluorescent Ballast (Bodine B94CG)	407.56	29.10
		For Factory Installation In New Fixtures, Deduct	*-48.90*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.67*	
26 01 50 52-0260	EA	200 To 625 Lumens, One Lamp, Ninety Minute Illumination, Damp Location, Emergency Compact Fluorescent Ballast (Bodine B413)	559.34	23.29
		For Factory Installation In New Fixtures, Deduct	*-46.56*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.97*	
26 01 50 52-0261	EA	300 To 650 Lumens, One Lamp, Damp Location, Ninety Minute Illumination, Emergency Compact Fluorescent Ballast (Bodine B463)	431.87	23.29
		For Factory Installation In New Fixtures, Deduct	*-46.56*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.97*	
26 01 50 52-0262	EA	450 To 950 Lumens, One Or Two Lamp, Ninety Minute Illumination, Damp Location, Emergency Compact Fluorescent Ballast (Bodine B426)	488.46	29.10
		For Factory Installation In New Fixtures, Deduct	*-48.90*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.67*	
26 01 50 52-0263	EA	1,100 To 1,400 Lumens, One Or Two Lamp, Ninety Minute Illumination, Damp Location, Emergency Fluorescent Ballast (Bodine BDL500)	529.31	29.10
		For Factory Installation In New Fixtures, Deduct	*-48.90*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.67*	
26 01 50 52-0264	EA	600 To 700 Lumens, Two Lamp, Damp Location, Emergency Fluorescent Ballast (Bodine BDL600)	444.11	29.10
		For Factory Installation In New Fixtures, Deduct	*-48.90*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.67*	
26 01 50 52-0265	EA	600 To 700 Lumens, One Lamp, Two Hour Illumination, Emergency Fluorescent Ballast (Bodine BDL700)	451.43	23.29
		For Factory Installation In New Fixtures, Deduct	*-46.56*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.97*	
26 01 50 52-0266	EA	500 To 600 Lumens, One Lamp, Damp Location, Ninety Minute Illumination, Emergency Fluorescent Ballast (Bodine BDL900)	392.37	23.29
		For Factory Installation In New Fixtures, Deduct	*-46.56*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.97*	
26 01 50 52-0267	EA	300 To 750 Lumens, One Or Two Lamp, Damp Location, Ninety Minute Illumination, Emergency Compact Fluorescent Ballast (Bodine BDL94C)	407.56	29.10
		For Factory Installation In New Fixtures, Deduct	*-48.90*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.67*	
26 01 50 52-0268	EA	450 Lumens, One Lamp, Low Profile, Ninety Minute Illumination, Emergency Fluorescent Ballast (Bodine LP400)	398.73	23.29
		For Factory Installation In New Fixtures, Deduct	*-46.56*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.97*	
26 01 50 52-0269	EA	1,100 To 1,400 Lumens, One Or Two Lamp, Self Testing, Ninety Minute Illumination, Emergency Fluorescent Ballast (Bodine B50ST)	735.76	29.10
		For Factory Installation In New Fixtures, Deduct	*-48.90*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.67*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 52-0270	EA	1,800 To 3,500 Lumens, One Or Two Lamp, Self Testing, Ninety Minute Illumination, Emergency Fluorescent Ballast (Bodine B30ST)	922.08	29.10
		For Factory Installation In New Fixtures, Deduct	*-48.90*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.67*	
26 01 50 52-0271	EA	1,450 To 3,500 Lumens, One Or Two Lamp, Remote Control Testing, Ninety Minute Illumination, Emergency Fluorescent Ballast (Bodine B30RCT)	1,732.55	29.10
		For Factory Installation In New Fixtures, Deduct	*-48.90*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.67*	
26 01 50 52-0272	EA	1,100 To 1,400 Lumens, One Or Two Lamp, Remote Control Testing, Ninety Minute Illumination, Emergency Fluorescent Ballast (Bodine B50RCT)	1,201.03	29.10
		For Factory Installation In New Fixtures, Deduct	*-48.90*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.67*	
26 01 50 52-0273	EA	1,100 To 3,100 Lumens, One Or Two Lamp, Central Battery, Emergency Fluorescent Ballast With Voltage Sensing Circuit (Bodine CB90-48)	606.76	29.10
		For Factory Installation In New Fixtures, Deduct	*-48.90*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.67*	
26 01 50 52-0274	EA	1,050 To 3,200 Lumens, One Lamp, Interim Lighting For Generator Backup, Five Minute Illumination, Emergency Fluorescent Ballast (Bodine GEN1)	789.41	23.29
		For Factory Installation In New Fixtures, Deduct	*-46.56*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.97*	
26 01 50 52-0275	EA	250 Watt, Self-Diagnostic, Ninety Minute Illumination, Fluorescent Emergency Lighting Inverter (Bodine ELI-250-SD)	4,452.37	29.10
		For Factory Installation In New Fixtures, Deduct	*-46.56*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.97*	

26 01 50 52-0276 LED Emergency Ballasts *(26 01 50 52-0001)*

26 01 50 52-0277	EA	Up To 520 Lumens, Ninety Minute Illumination, 120-277 Volt, 4 Watt Output, Emergency LED Driver (Bodine BSL4L)	141.74	23.29
		For Factory Installation In New Fixtures, Deduct	*-46.56*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.97*	
26 01 50 52-0278	EA	Up To 780 Lumens, Ninety Minute Illumination, 120-277 Volt, 6 Watt Output, Emergency LED Driver (Bodine BSL6LST)	212.34	23.29
		For Factory Installation In New Fixtures, Deduct	*-46.56*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.97*	
26 01 50 52-0279	EA	Up To 975 Lumens, Ninety Minute Illumination, 120-277 Volt, 7.5 Watt Output, Emergency LED Driver (Bodine BSL17C)	254.68	23.29
		For Factory Installation In New Fixtures, Deduct	*-46.56*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.97*	
26 01 50 52-0280	EA	Up To 1,300 Lumens, Ninety Minute Illumination, 120-277 Volt, 10 Watt Output, Emergency LED Driver (Bodine BSL310)	284.91	23.29
		For Factory Installation In New Fixtures, Deduct	*-46.56*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.97*	
26 01 50 52-0281	EA	Up To 2,200 Lumens, Ninety Minute Illumination, 120-277 Volt, 18 Watt Output, Emergency LED Driver (Bodine BSL718)	292.55	23.29
		For Factory Installation In New Fixtures, Deduct	*-46.56*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.97*	
26 01 50 52-0282	EA	Up To 2,600 Lumens, Ninety Minute Illumination, 120-277 Volt, 20 Watt Output, Emergency LED Driver (Bodine BSL20LV)	381.04	23.29
		For Factory Installation In New Fixtures, Deduct	*-46.56*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.97*	
26 01 50 52-0283	EA	Up To 2,300 Lumens, Ninety Minute Illumination, 120-277 Volt, 23 Watt LED Emergency Battery Backup (LiteTronics EB23UQ)	452.03	23.29
		For Factory Installation In New Fixtures, Deduct	*-46.56*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.97*	

26 01 50 52-0284 Compact Fluorescent Ballasts *(26 01 50 52-0001)*

26 01 50 52-0285 Compact Fluorescent Electronic Ballasts *(26 01 50 52-0284)*

Note: Includes 120/277 Volt and normal ballast factor.

26 01 50 52-0286 18 Watt, Compact Fluorescent Electronic Ballasts *(26 01 50 52-0285)*

26 01 50 52-0287	EA	1 Lamp, 18 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast	124.42	23.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.99*	
26 01 50 52-0288	EA	2 Lamp, 18 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast	130.23	29.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.73*	

26 01 50 52-0289 26 Watt, Compact Fluorescent Electronic Ballasts *(26 01 50 52-0285)*

26 01 50 52-0290	EA	1 Lamp, 26 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast	124.42	23.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.99*	
26 01 50 52-0291	EA	2 Lamp, 26 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast	130.23	29.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.73*	

26 01 50 52-0292 32 Watt, Compact Fluorescent Electronic Ballasts *(26 01 50 52-0285)*

26 01 50 52-0293	EA	1 Lamp, 32 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast	155.03	23.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.99*	
26 01 50 52-0294	EA	2 Lamp, 32 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast	160.84	29.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.73*	

26 01 50 52-0295 40 Watt, Compact Fluorescent Electronic Ballasts *(26 01 50 52-0285)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 52-0296	EA	1 Lamp, 40 Watt, Instant Start, Compact Fluorescent Electronic Ballast	120.76	23.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.99*	
26 01 50 52-0297	EA	1 Lamp, 40 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast	155.03	23.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.99*	
26 01 50 52-0298	EA	2 Lamp, 40 Watt, Instant Start, Compact Fluorescent Electronic Ballast	229.41	29.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.73*	
26 01 50 52-0299	EA	2 Lamp, 40 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast	160.84	29.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.73*	
26 01 50 52-0300	EA	3 Lamp, 40 Watt, Instant Start, Compact Fluorescent Electronic Ballast	271.05	34.92
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.48*	
26 01 50 52-0301		42 Watt, Compact Fluorescent Electronic Ballasts *(26 01 50 52-0285)*		
26 01 50 52-0302	EA	1 Lamp, 42 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast	155.03	23.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.99*	
26 01 50 52-0303	EA	2 Lamp, 42 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast	160.84	29.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.73*	
26 01 50 52-0304		55 Watt, Compact Fluorescent Electronic Ballasts *(26 01 50 52-0285)*		
26 01 50 52-0305	EA	1 Lamp, 55 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast	155.03	23.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.99*	
26 01 50 52-0306	EA	2 Lamp, 55 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast	160.84	29.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.73*	
26 01 50 52-0307		Dimming, Compact Fluorescent Electronic Ballasts *(26 01 50 52-0284)*		
26 01 50 52-0308		Dimming To 5%, Compact Fluorescent Electronic Ballasts *(26 01 50 52-0307)*		
		Note: Includes 120/277 Volt and normal ballast factor.		
26 01 50 52-0309		18 Watt, Dimming To 5%, Compact Fluorescent Electronic Ballasts *(26 01 50 52-0308)*		
26 01 50 52-0310	EA	1 Lamp, 18 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast	233.31	23.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.99*	
26 01 50 52-0311	EA	2 Lamp, 18 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast	239.12	29.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.73*	
26 01 50 52-0312		26 Watt, Dimming To 5%, Compact Fluorescent Electronic Ballasts *(26 01 50 52-0308)*		
26 01 50 52-0313	EA	1 Lamp, 26 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast	233.31	23.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.99*	
26 01 50 52-0314	EA	2 Lamp, 26 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast	239.12	29.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.73*	
26 01 50 52-0315		32 Watt, Dimming To 5%, Compact Fluorescent Electronic Ballasts *(26 01 50 52-0308)*		
26 01 50 52-0316	EA	1 Lamp, 32 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast	233.31	23.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.99*	
26 01 50 52-0317	EA	2 Lamp, 32 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast	256.02	29.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.73*	
26 01 50 52-0318		40 Watt, Dimming To 5%, Compact Fluorescent Electronic Ballasts *(26 01 50 52-0308)*		
26 01 50 52-0319	EA	2 Lamp, 40 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast	256.02	29.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.73*	
26 01 50 52-0320		42 Watt, Dimming To 5%, Compact Fluorescent Electronic Ballasts *(26 01 50 52-0308)*		
26 01 50 52-0321	EA	1 Lamp, 42 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast	233.31	23.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.99*	
26 01 50 52-0322	EA	2 Lamp, 42 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast	256.02	29.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.73*	
26 01 50 52-0323		55 Watt, Dimming To 5%, Compact Fluorescent Electronic Ballasts *(26 01 50 52-0308)*		
26 01 50 52-0324	EA	1 Lamp, 55 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast	374.94	23.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.99*	
26 01 50 52-0325	EA	2 Lamp, 55 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast	420.50	29.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.73*	
26 01 50 52-0326		High Intensity Discharge (HID) Ballasts *(26 01 50 52-0001)*		
26 01 50 52-0327		Magnetic High Intensity Discharge (HID) Ballasts *(26 01 50 52-0326)*		
26 01 50 52-0328		Core And Coil High Intensity Discharge (HID) Ballasts *(26 01 50 52-0327)*		
26 01 50 52-0329		Metal Halide, Core And Coil High Intensity Discharge (HID) Ballasts *(26 01 50 52-0328)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 52-0330	EA	1 Lamp, 100 Watt Metal Halide, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast	165.07	29.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.22*	
26 01 50 52-0331	EA	1 Lamp, 250 Watt Metal Halide, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast	169.09	29.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.22*	
26 01 50 52-0332	EA	1 Lamp, 250 Watt Metal Halide, 480 Volt, Core And Coil High Intensity Discharge (HID) Ballast	169.09	29.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.22*	
26 01 50 52-0333	EA	1 Lamp, 400 Watt Metal Halide, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast	157.64	29.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.22*	
26 01 50 52-0334	EA	1 Lamp, 400 Watt Metal Halide, 480 Volt, Core And Coil High Intensity Discharge (HID) Ballast	157.64	29.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.22*	
26 01 50 52-0335	EA	1 Lamp, 1,000 Watt Metal Halide, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast	234.35	29.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.22*	
26 01 50 52-0336	EA	1 Lamp, 1,000 Watt Metal Halide, 480 Volt, Core And Coil High Intensity Discharge (HID) Ballast	234.35	29.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.22*	
26 01 50 52-0337	EA	1 Lamp, 1,500 Watt Metal Halide, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast	301.92	29.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.22*	
26 01 50 52-0338	EA	1 Lamp, 1,500 Watt Metal Halide, 480 Volt, Core And Coil High Intensity Discharge (HID) Ballast	336.38	29.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.22*	

26 01 50 52-0339 High Pressure Sodium, Core And Coil High Intensity Discharge (HID) Ballasts *(26 01 50 52-0328)*

26 01 50 52-0340	EA	1 Lamp, 50 Watt High Pressure Sodium, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast	149.18	29.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.22*	
26 01 50 52-0341	EA	1 Lamp, 70 Watt High Pressure Sodium, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast	158.17	29.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.22*	
26 01 50 52-0342	EA	1 Lamp, 100 Watt High Pressure Sodium, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast	154.29	29.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.22*	
26 01 50 52-0343	EA	1 Lamp, 150 Watt High Pressure Sodium, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast	181.31	29.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.22*	
26 01 50 52-0344	EA	1 Lamp, 150 Watt High Pressure Sodium, 480 Volt, Core And Coil High Intensity Discharge (HID) Ballast	177.45	29.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.22*	
26 01 50 52-0345	EA	1 Lamp, 250 Watt High Pressure Sodium, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast	202.52	29.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.22*	
26 01 50 52-0346	EA	1 Lamp, 250 Watt High Pressure Sodium, 480 Volt, Core And Coil High Intensity Discharge (HID) Ballast	202.52	29.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.22*	
26 01 50 52-0347	EA	1 Lamp, 400 Watt High Pressure Sodium, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast	244.22	29.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.22*	
26 01 50 52-0348	EA	1 Lamp, 400 Watt High Pressure Sodium, 480 Volt, Core And Coil High Intensity Discharge (HID) Ballast	244.22	29.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.22*	
26 01 50 52-0349	EA	1 Lamp, 1,000 Watt High Pressure Sodium, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast	390.55	29.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.22*	
26 01 50 52-0350	EA	1 Lamp, 1,000 Watt High Pressure Sodium, 480 Volt, Core And Coil High Intensity Discharge (HID) Ballast	390.55	29.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.22*	

26 01 50 52-0351 Mounting Brackets For Core And Coil High Intensity Discharge (HID) Ballasts *(26 01 50 52-0328)*

26 01 50 52-0352	EA	Single Mounting Bracket For Core And Coil Type	17.78	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.49*	
26 01 50 52-0353	EA	Double Mounting Bracket For Core And Coil Type	29.81	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.24*	

26 01 50 52-0354 F-Can High Intensity Discharge (HID) Ballasts *(26 01 50 52-0327)*

26 01 50 52-0355 Metal Halide, F-Can High Intensity Discharge (HID) Ballasts *(26 01 50 52-0354)*

26 01 50 52-0356	EA	1 Lamp, 70 Watt Metal Halide, 120/277 Volt, F-Can High Intensity Discharge (HID) Ballast	209.35	29.10
		For Pulse Start Ballast, Add	*16.86*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.22*	
26 01 50 52-0357	EA	1 Lamp, 100 Watt Metal Halide, 120/277 Volt, F-Can High Intensity Discharge (HID) Ballast	220.50	29.10
		For Pulse Start Ballast, Add	*17.98*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.22*	
26 01 50 52-0358	EA	1 Lamp, 175 Watt Metal Halide, 120/277 Volt, F-Can High Intensity Discharge (HID) Ballast	200.90	29.10
		For Pulse Start Ballast, Add	*16.02*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.22*	
26 01 50 52-0359	EA	1 Lamp, 250 Watt Metal Halide, 120/277 Volt, F-Can High Intensity Discharge (HID) Ballast	233.11	29.10
		For Pulse Start Ballast, Add	*19.24*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.22*	
26 01 50 52-0360	EA	1 Lamp, 400 Watt Metal Halide, 120/277 Volt, F-Can High Intensity Discharge (HID) Ballast	323.36	29.10
		For Pulse Start Ballast, Add	*28.26*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.22*	

26 01 50 52-0361 High Pressure Sodium, F-Can High Intensity Discharge (HID) Ballasts *(26 01 50 52-0354)*

26 01 50 52-0362	EA	1 Lamp, 70 Watt High Pressure Sodium, 120/277 Volt, F-Can High Intensity Discharge (HID) Ballast	251.61	29.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.22*	
26 01 50 52-0363	EA	1 Lamp, 100 Watt High Pressure Sodium, 120/277 Volt, F-Can High Intensity Discharge (HID) Ballast	269.00	29.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.22*	

26 01 50 52-0364 Postline High Intensity Discharge (HID) Ballasts *(26 01 50 52-0327)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 52-0365		**Metal Halide, Postline High Intensity Discharge (HID) Ballasts** *(26 01 50 52-0364)*		
26 01 50 52-0366	EA	1 Lamp, 50 Watt Metal Halide, 120 Volt, Postline High Intensity Discharge (HID) Ballast	418.27	29.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.22*	
26 01 50 52-0367		**High Pressure Sodium, Postline High Intensity Discharge (HID) Ballasts** *(26 01 50 52-0364)*		
26 01 50 52-0368	EA	1 Lamp, 70 Watt High Pressure Sodium, 120 Volt, Postline High Intensity Discharge (HID) Ballast	643.96	29.03
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.19*	
26 01 50 52-0369	EA	1 Lamp, 100 Watt High Pressure Sodium, 120 Volt, Postline High Intensity Discharge (HID) Ballast	718.07	29.03
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.19*	
26 01 50 52-0370	EA	1 Lamp, 150 Watt High Pressure Sodium, 120 Volt, Postline High Intensity Discharge (HID) Ballast	692.43	29.03
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.19*	
26 01 50 52-0371		**Indoor Enclosed High Intensity Discharge (HID) Ballasts** *(26 01 50 52-0327)*		
26 01 50 52-0372		**Metal Halide, Indoor Enclosed High Intensity Discharge (HID) Ballasts** *(26 01 50 52-0371)*		
26 01 50 52-0373	EA	1 Lamp, 175 Watt Metal Halide, 120/277 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast	514.81	29.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.22*	
26 01 50 52-0374	EA	1 Lamp, 250 Watt Metal Halide, 120/277 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast	584.20	29.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.22*	
26 01 50 52-0375	EA	1 Lamp, 400 Watt Metal Halide, 120/277 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast	771.36	29.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.22*	
26 01 50 52-0376	EA	1 Lamp, 400 Watt Metal Halide, 480 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast	767.33	29.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.22*	
26 01 50 52-0377	EA	2 Lamp, 400 Watt Metal Halide, 120/277 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast	1,074.83	31.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.92*	
26 01 50 52-0378	EA	2 Lamp, 400 Watt Metal Halide, 480 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast	1,074.83	31.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.92*	
26 01 50 52-0379	EA	1 Lamp, 1,000 Watt Metal Halide, 120/277 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast	739.79	29.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.22*	
26 01 50 52-0380	EA	1 Lamp, 1,000 Watt Metal Halide, 480 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast	870.23	29.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.22*	
26 01 50 52-0381		**High Pressure Sodium, Indoor Enclosed High Intensity Discharge (HID) Ballasts** *(26 01 50 52-0371)*		
26 01 50 52-0382	EA	1 Lamp, 400 Watt High Pressure Sodium, 120/277 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast	959.92	29.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.22*	
26 01 50 52-0383	EA	1 Lamp, 400 Watt High Pressure Sodium, 480 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast	913.95	29.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.22*	
26 01 50 52-0384	EA	1 Lamp, 1,000 Watt High Pressure Sodium, 120/277 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast	1,174.58	29.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.22*	
26 01 50 52-0385	EA	1 Lamp, 1,000 Watt High Pressure Sodium, 480 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast	1,174.58	29.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.22*	
26 01 50 52-0386		**Outdoor Weatherproof High Intensity Discharge (HID) Ballasts** *(26 01 50 52-0327)*		
26 01 50 52-0387		**Metal Halide, Outdoor Weatherproof High Intensity Discharge (HID) Ballasts** *(26 01 50 52-0386)*		
26 01 50 52-0388	EA	1 Lamp, 175 Watt Metal Halide, 120/277 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast	578.40	29.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.22*	
26 01 50 52-0389	EA	1 Lamp, 250 Watt Metal Halide, 120/277 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast	624.72	29.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.22*	
26 01 50 52-0390	EA	1 Lamp, 400 Watt Metal Halide, 120/277 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast	620.16	29.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.22*	
26 01 50 52-0391	EA	1 Lamp, 400 Watt Metal Halide, 480 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast	651.19	29.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.22*	
26 01 50 52-0392	EA	2 Lamp, 400 Watt Metal Halide, 120/277 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast	1,034.36	31.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.92*	
26 01 50 52-0393	EA	2 Lamp, 400 Watt Metal Halide, 480 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast	1,271.32	31.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.92*	
26 01 50 52-0394	EA	1 Lamp, 1,000 Watt Metal Halide, 120/277 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast	965.31	29.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.22*	
26 01 50 52-0395	EA	1 Lamp, 1,000 Watt Metal Halide, 480 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast	878.91	29.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.22*	
26 01 50 52-0396		**High Pressure Sodium, Outdoor Weatherproof High Intensity Discharge (HID) Ballasts** *(26 01 50 52-0386)*		
26 01 50 52-0397	EA	1 Lamp, 400 Watt High Pressure Sodium, 120/277 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast	746.47	29.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.22*	
26 01 50 52-0398	EA	1 Lamp, 400 Watt High Pressure Sodium, 480 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast	804.89	29.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.22*	
26 01 50 52-0399	EA	1 Lamp, 1,000 Watt High Pressure Sodium, 120/277 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast	1,201.54	29.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 52-0400	EA	1 Lamp, 1,000 Watt High Pressure Sodium, 480 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast	1,033.95	29.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.22*	

26 01 50 52-0401 Electronic High Intensity Discharge (HID) Ballasts *(26 01 50 52-0326)*

26 01 50 52-0402 Electronic Low Frequency High Intensity Discharge (HID) Ballasts *(26 01 50 52-0401)*

26 01 50 52-0403	EA	1 Lamp, 70 Watt Metal Halide, 120/277 Volt, Electronic Low Frequency High Intensity Discharge (HID) Ballast	231.56	29.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.22*	
26 01 50 52-0404	EA	1 Lamp, 100 Watt Metal Halide, 120/277 Volt, Electronic Low Frequency High Intensity Discharge (HID) Ballast	231.56	29.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.22*	
26 01 50 52-0405	EA	1 Lamp, 150 Watt Metal Halide, 120/277 Volt, Electronic Low Frequency High Intensity Discharge (HID) Ballast	260.84	29.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.22*	
26 01 50 52-0406	EA	1 Lamp, 250 Watt Metal Halide, 120/277 Volt, Electronic Low Frequency High Intensity Discharge (HID) Ballast	671.16	29.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.22*	
26 01 50 52-0407	EA	1 Lamp, 300 Watt Metal Halide, 120/277 Volt, Electronic Low Frequency High Intensity Discharge (HID) Ballast	671.16	29.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.22*	
26 01 50 52-0408	EA	1 Lamp, 320 Watt Metal Halide, 120/277 Volt, Electronic Low Frequency High Intensity Discharge (HID) Ballast	671.16	29.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.22*	
26 01 50 52-0409	EA	1 Lamp, 350 Watt Metal Halide, 120/277 Volt, Electronic Low Frequency High Intensity Discharge (HID) Ballast	671.16	29.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.22*	
26 01 50 52-0410	EA	1 Lamp, 400 Watt Metal Halide, 120/277 Volt, Electronic Low Frequency High Intensity Discharge (HID) Ballast	671.16	29.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.22*	

26 01 50 52-0411 Owner Supplied Ballasts *(26 01 50 52-0001)*

26 01 50 52-0412	EA	Install Owner Supplied, 1 Lamp Fluorescent Ballast	23.29	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.99*	
26 01 50 52-0413	EA	Install Owner Supplied, 2 Lamp Fluorescent Ballast	29.10	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.73*	
26 01 50 52-0414	EA	Install Owner Supplied, 3 Lamp Fluorescent Ballast	33.76	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.13*	
26 01 50 52-0415	EA	Install Owner Supplied, 4 Lamp Fluorescent Ballast	36.09	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.83*	
26 01 50 52-0416	EA	Install Owner Supplied, 1 Lamp High Intensity Discharge (HID) Ballast	40.74	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.22*	
26 01 50 52-0417	EA	Install Owner Supplied, 2 Lamp High Intensity Discharge (HID) Ballast	43.08	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.92*	

26 01 50 53 Lens and Accessory Replacement *(26 01 50)*

26 01 50 53-0001 Lens and Accessory Replacement *(26 01 50 53)*

26 01 50 53-0002	EA	Removal And Replacement Of Parabolic Aluminum Louver	83.43	
26 01 50 53-0003	EA	Removal And Replacement Of Visor For Fixtures	182.73	
26 01 50 53-0004	EA	Removal And Replacement Of Globe On Pole	207.73	
26 01 50 53-0005	EA	Removal And Replacement Of Lenses For Flat Top Pole Fixtures	86.87	
26 01 50 53-0006	EA	Removal And Replacement Of 1' x 4' Diffuser With 0.125" Thick Prismatic Acrylic Diffuser	29.74	
26 01 50 53-0007	EA	Removal And Replacement Of 2' x 2' Diffuser With 0.125" Thick Prismatic Acrylic Diffuser	30.79	
26 01 50 53-0008	EA	Removal And Replacement Of 2' x 4' Diffuser With 0.125" Thick Prismatic Acrylic Diffuser	35.33	
26 01 50 53-0009	EA	Removal And Replacement Of Slide-On Lampholder	13.25	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.48*	
26 01 50 53-0010	EA	Removal And Replacement Of Screw Mount Lampholder	13.42	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.48*	
26 01 50 53-0011	EA	Removal And Replacement Of Medium Bi-Pin Lampholder	14.80	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.48*	
26 01 50 53-0012	EA	Removal And Replacement Of Fixed High Output Lampholder, Recessed, Double Contact Double Pedestal Type	16.93	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.48*	
26 01 50 53-0013	EA	Removal And Replacement Of Plunger High Output Lampholder, Recessed, Double Contact Double Pedestal Type	18.32	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.48*	
26 01 50 53-0014	EA	Removal And Replacement Of Compact Twin-Tube Lampholder, Snap-in	14.59	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.48*	
26 01 50 53-0015	EA	Removal And Replacement Of Exterior Light Globes	59.44	

26 01 50 81 Luminaire Replacement *(26 01 50)*

26 01 50 81-0001 Retrofit Lighting Fixtures *(26 01 50 81)*

26 01 50 81-0002 Retrofit Existing (T12) Fluorescent Fixtures *(26 01 50 81-0001)*

Note: Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling, 02 84 16 00-0008 for leaking ballast disposal.

26 01 50 81-0003 Retrofit Existing (T12) Strip Style Fluorescent Fixtures Without Reflector *(26 01 50 81-0002)*

Note: Includes ballast, white reflective ballast cover, lamps, lamp holders, clips, wiring, cable connectors and cleaning of fixture.

26 01 50 81-0004	EA	Retrofit An Existing 4' (T12) Strip Style Fixture Without Reflector To Operate One 4' (T8) Lamp	107.12	
		For Specular Ballast Cover, Add	*13.30*	
26 01 50 81-0005	EA	Retrofit An Existing 4' (T12) Strip Style Fixture Without Reflector To Operate Two 4' (T8) Lamps	113.68	
		For Specular Ballast Cover, Add	*14.61*	
26 01 50 81-0006	EA	Retrofit An Existing 8' (T12) Strip Style Fixture Without Reflector To Operate Two 4' (T8) Lamps	155.13	
		For Specular Ballast Cover, Add	*22.90*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 81-0007	EA	Retrofit An Existing 8' (T12) Strip Style Fixture Without Reflector To Operate Four 4' (T8) Lamps	178.72	
		For Specular Ballast Cover, Add	*27.62*	

26 01 50 81-0008 Retrofit Existing (T12) Strip Style Fluorescent Fixtures With Reflector *(26 01 50 81-0002)*

Note: Includes ballast, white reflector and ballast cover, lamps, lamp holders, clips, wiring, cable connectors and cleaning of fixture.

26 01 50 81-0009	EA	Retrofit An Existing 4' (T12) Strip Style Fixture With Reflector To Operate One 4' (T8) Lamp	113.21	
		For Specular Reflector, Add	*17.05*	
26 01 50 81-0010	EA	Retrofit An Existing 4' (T12) Strip Style Fixture With Reflector To Operate Two 4' (T8) Lamps	120.50	
		For Specular Reflector, Add	*17.05*	
26 01 50 81-0011	EA	Retrofit An Existing 8' (T12) Strip Style Fixture With Reflector To Operate Two 4' (T8) Lamps	163.66	
		For Specular Reflector, Add	*17.05*	
26 01 50 81-0012	EA	Retrofit An Existing 8' (T12) Strip Style Fixture With Reflector To Operate Four 4' (T8) Lamps	210.68	
		For Specular Reflector, Add	*17.05*	

26 01 50 81-0013 Retrofit Existing (T12) Troffer Style Fluorescent Fixtures *(26 01 50 81-0002)*

Note: Includes ballast, white reflector and ballast cover, lamps, lamp holders, clips, wiring, cable connectors and cleaning of fixture.

26 01 50 81-0014	EA	Retrofit An Existing 1 x 4 (T12) Troffer Style Fixture To Operate One 4' (T8) Lamps	140.68	
		For Specular Reflector, Add	*17.05*	
26 01 50 81-0015	EA	Retrofit An Existing 1 x 4 (T12) Troffer Style Fixture To Operate Two 4' (T8) Lamps	147.24	
		For Specular Reflector, Add	*17.05*	
26 01 50 81-0016	EA	Retrofit An Existing 2 x 2 (T12) Troffer Style Fixture To Operate Two 2' (T8) Lamps	150.44	
		For Specular Reflector, Add	*17.05*	
26 01 50 81-0017	EA	Retrofit An Existing 2 x 2 (T12) Troffer Style Fixture To Operate Three 2' (T8) Lamps	168.87	
		For Specular Reflector, Add	*17.05*	
26 01 50 81-0018	EA	Retrofit An Existing 2 x 2 (T12) Troffer Style Fixture To Operate Four 2' (T8) Lamps	206.76	
		For Specular Reflector, Add	*17.05*	
26 01 50 81-0019	EA	Retrofit An Existing 2 x 4 (T12) Troffer Style Fixture To Operate Two 4' (T8) Lamps	154.56	
		For Specular Reflector, Add	*17.05*	
26 01 50 81-0020	EA	Retrofit An Existing 2 x 4 (T12) Troffer Style Fixture To Operate Three 4' (T8) Lamps	170.16	
		For Specular Reflector, Add	*17.05*	
26 01 50 81-0021	EA	Retrofit An Existing 2 x 4 (T12) Troffer Style Fixture To Operate Four 4' (T8) Lamps	183.03	
		For Specular Reflector, Add	*17.05*	

26 01 50 81-0022 Retrofit Existing Recessed Lay-In/Troffer Fixtures *(26 01 50 81-0001)*

26 01 50 81-0023 Fluorescent Volumetric Lighting Retrofits For Existing Recessed Lay-In/Troffer Fixtures (Lithonia) *(26 01 50 81-0022)*

Note: Includes removing existing lamps and ballast. Includes installing adaptor frame, volumetric reflectors, lamps and ballasts. Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling.

26 01 50 81-0024	EA	2 T8 Lamps, 0.78 Ballast Factor, 2' x 4', Volumetric Lighting Retrofit For Existing Parabolic Recessed Fluorescent Fixtures (Lithonia 2RT8R)	161.47
26 01 50 81-0025	EA	2 T8 Lamps, 0.88 Ballast Factor, 2' x 4', Volumetric Lighting Retrofit For Existing Parabolic Recessed Fluorescent Fixtures (Lithonia 2RT8R)	161.47
26 01 50 81-0026	EA	2 T8 Lamps, 1.20 Ballast Factor, 2' x 4', Volumetric Lighting Retrofit For Existing Parabolic Recessed Fluorescent Fixtures (Lithonia 2RT8R)	161.47
26 01 50 81-0027	EA	2 T8 Lamps, 0.88 Ballast Factor, Step Dimming Ballast, 2' x 4', Volumetric Lighting Retrofit For Existing Parabolic Recessed Fluorescent Fixtures (Lithonia 2RT8R)	175.30
26 01 50 81-0028	EA	2 T8 Lamps, 0.78 Ballast Factor, 2' x 4', Volumetric Lighting Retrofit For Existing Lensed Recessed Fluorescent Fixtures (Lithonia 2RT8RT)	161.47
26 01 50 81-0029	EA	2 T8 Lamps, 0.88 Ballast Factor, 2' x 4', Volumetric Lighting Retrofit For Existing Lensed Recessed Fluorescent Fixtures (Lithonia 2RT8RT)	161.47
26 01 50 81-0030	EA	2 T8 Lamps, 1.20 Ballast Factor, 2' x 4', Volumetric Lighting Retrofit For Existing Lensed Recessed Fluorescent Fixtures (Lithonia 2RT8RT)	161.47
26 01 50 81-0031	EA	2 T8 Lamps, 0.88 Ballast Factor, Step Dimming Ballast, 2' x 4', Volumetric Lighting Retrofit For Existing Lensed Recessed Fluorescent Fixtures (Lithonia 2RT8RT)	175.30
26 01 50 81-0032	EA	2 T8 Lamps, 0.78 Ballast Factor, 2' x 2', Volumetric Lighting Retrofit For Existing Parabolic Recessed Fluorescent Fixtures (Lithonia 2RT8R)	162.50
26 01 50 81-0033	EA	2 T8 Lamps, 0.88 Ballast Factor, 2' x 2', Volumetric Lighting Retrofit For Existing Parabolic Recessed Fluorescent Fixtures (Lithonia 2RT8R)	162.50
26 01 50 81-0034	EA	2 T8 Lamps, 1.20 Ballast Factor, 2' x 2', Volumetric Lighting Retrofit For Existing Parabolic Recessed Fluorescent Fixtures (Lithonia 2RT8R)	162.50
26 01 50 81-0035	EA	2 T8 Lamps, 0.88 Ballast Factor, Step Dimming Ballast, 2' x 2', Volumetric Lighting Retrofit For Existing Parabolic Recessed Fluorescent Fixtures (Lithonia 2RT8R)	176.32
26 01 50 81-0036	EA	2 T8 Lamps, 0.78 Ballast Factor, 2' x 2', Volumetric Lighting Retrofit For Existing Lensed Recessed Fluorescent Fixtures (Lithonia 2RT8RT)	162.50
26 01 50 81-0037	EA	2 T8 Lamps, 0.88 Ballast Factor, 2' x 2', Volumetric Lighting Retrofit For Existing Lensed Recessed Fluorescent Fixtures (Lithonia 2RT8RT)	162.50
26 01 50 81-0038	EA	2 T8 Lamps, 1.20 Ballast Factor, 2' x 2', Volumetric Lighting Retrofit For Existing Lensed Recessed Fluorescent Fixtures (Lithonia 2RT8RT)	162.50
26 01 50 81-0039	EA	2 T8 Lamps, 0.88 Ballast Factor, Step Dimming Ballast, 2' x 2', Volumetric Lighting Retrofit For Existing Lensed Recessed Fluorescent Fixtures (Lithonia 2RT8RT)	176.32

26 01 50 81-0040 LED Architectural Lighting Retrofits For Existing Recessed Lay-In/Troffer Fixtures (PlanLED) *(26 01 50 81-0022)*

Note: Includes adaptor frame, optical system, LEDs and driver. Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 81-0041	EA	2,400 Lumens, 2' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (PlanLED FR3E-025)	221.49	
26 01 50 81-0042	EA	4,300 Lumens, 2' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (PlanLED FR3E-045)	230.89	

26 01 50 81-0043 LED Architectural Lighting Retrofits For Existing Recessed Lay-In/Troffer Fixtures (Raffino™) *(26 01 50 81-0022)*

Note: Includes removing existing lamps and disconnecting existing ballast. Includes installing adaptor frame, LED light panel, dimming driver and trim. Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling.

26 01 50 81-0044	EA	1,800 Lumens, 1' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Raffino™ LR14-1800L)	349.51	
26 01 50 81-0045	EA	2,600 Lumens, 1' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Raffino™ LR14-2700L)	358.01	
26 01 50 81-0046	EA	2,200 Lumens, 2' x 2', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Raffino™ LR22-2200L)	349.51	
26 01 50 81-0047	EA	3,300 Lumens, 2' x 2', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Raffino™ LR22-3300L)	358.01	
26 01 50 81-0048	EA	3,300 Lumens, 2' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Raffino™ LR24-3000L)	400.47	
26 01 50 81-0049	EA	4,150 Lumens, 2' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Raffino™ LR24-4000L)	413.21	
26 01 50 81-0050	EA	5,000 Lumens, 2' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Raffino™ LR24-5000L)	442.94	

26 01 50 81-0051 LED Architectural Lighting Retrofits For Existing Recessed Lay-In/Troffer Fixtures (Orion) *(26 01 50 81-0022)*

Note: Includes removing existing lamps and disconnecting existing ballast. Includes installing adaptor frame, LED light panel, dimming driver and trim. Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling.

26 01 50 81-0052	EA	3,000 Lumens, 2' x 2', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Orion LDR-030L-FO-UNV-FDX-840-22-1P-CT-M-ST)	323.52	
26 01 50 81-0053	EA	3,500 Lumens, 2' x 2', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Orion LDR-035L-FO-UNV-FDX-840-22-1P-CT-M-ST)	335.37	
26 01 50 81-0054	EA	3,200 Lumens, 2' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Orion LDR-032L-FO-UNV-FDX-840-24-1P-CT-M-ST)	338.92	
26 01 50 81-0055	EA	3,800 Lumens, 2' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Orion LDR-038L-FO-UNV-FDX-840-24-1P-CT-M-ST)	350.77	
26 01 50 81-0056	EA	2,000 Lumens, 2' x 2', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Orion LDRE1A1UNVFDSX84022MST)	243.56	
26 01 50 81-0057	EA	4,000 Lumens, 2' x 2', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Orion LDRE1B1UNVFDSX84022MST)	249.19	
26 01 50 81-0058	EA	3,000 Lumens, 2' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Orion LDRE1D1UNVFDSX84024MST)	258.19	
26 01 50 81-0059	EA	4,000 Lumens, 2' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Orion LDRE1E1UNVFDSX84024MST)	263.82	
26 01 50 81-0060	EA	6,000 Lumens, 2' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Orion LDRE1F1UNVFDSX84024MST)	326.84	
26 01 50 81-0061	EA	8,000 Lumens, 2' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (ORION LDRE1G1UNVFDSX84024MST)	389.86	

26 01 50 81-0062 Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components) *(26 01 50 81-0022)*

Note: Includes adaptor frame, optical system, lamps and ballasts. Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling.

26 01 50 81-0063	EA	1 T5 Lamp, 2' x 2', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components)	299.70	
26 01 50 81-0064	EA	1 T8 Lamp, 2' x 2', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components)	217.53	
26 01 50 81-0065	EA	2 T5 Lamps, 2' x 2', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components)	307.69	
26 01 50 81-0066	EA	2 T8 Lamps, 2' x 2', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components)	225.45	
26 01 50 81-0067	EA	3 T5 Lamps, 2' x 2', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components)	322.06	
26 01 50 81-0068	EA	3 T8 Lamps, 2' x 2', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components)	246.53	
26 01 50 81-0069	EA	1 T5 Lamp, 2' x 4', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components)	352.75	
26 01 50 81-0070	EA	1 T8 Lamp, 2' x 4', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components)	270.39	
26 01 50 81-0071	EA	2 T5 Lamps, 2' x 4', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components)	360.22	
26 01 50 81-0072	EA	2 T8 Lamps, 2' x 4', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components)	277.94	
26 01 50 81-0073	EA	3 T5 Lamps, 2' x 4', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components)	374.41	
26 01 50 81-0074	EA	3 T8 Lamps, 2' x 4', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components)	298.91	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 81-0075		LED Volumetric Lighting Retrofit For Existing Lensed Or Parabolic Recessed Lay-In/Troffer Fixtures (Lithonia 2VTL2R/RT) *(26 01 50 81-0022)* Note: Includes removing existing lamps and ballast. Includes installing LED light engine assembly, dimming driver and trim. Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling.		
26 01 50 81-0076	EA	3,300 Lumens, 2' x 2', LED Volumetric Lighting Retrofit For Existing Lensed Or Parabolic Recessed Lay-In/Troffer Fixtures (Lithonia 2VTL2R/RT)	648.16	
26 01 50 81-0077	EA	4,800 Lumens, 2' x 4', LED Volumetric Lighting Retrofit For Existing Lensed Or Parabolic Recessed Lay-In/Troffer Fixtures (Lithonia 2VTL4R/RT)	720.58	
26 01 50 81-0078		Retrofit Existing HID Fixtures *(26 01 50 81-0001)*		
26 01 50 81-0079	EA	Tear Drop LED Retrofit Kit (Holophane LTDRL2 P35S 40K AS BK TDRD 3 P)	1,469.47	
26 01 50 81-0080		LED Lighting Retrofits For Existing Fluorescent Fixtures *(26 01 50 81-0001)* Note: Excludes recycling or disposal of lamps and ballasts.		
26 01 50 81-0081		LED Lightbar Retrofit For Existing Fluorescent Fixtures (Lithonia) *(26 01 50 81-0080)*		
26 01 50 81-0082	EA	2' Length, 2 Bar, 2,000 Lumens, 3500K CCT, Lightbar Kit LED Retrofit System (Lithonia LBK 2FT 2 2000LMHE 80CRI 35K MIN10 GZT MVOLT)	112.97	
		For >25 To 50, Deduct	*-5.65*	
		For >50 To 100, Deduct	*-9.78*	
		For >100, Deduct	*-16.52*	
26 01 50 81-0083	EA	2' Length, 4 Bar, 8,000 Lumens, 3500K CCT, Lightbar Kit LED Retrofit System (Lithonia LBK 2FT 4 8000LMHE 80CRI MIN10 GZT MVOLT)	165.02	
		For >25 To 50, Deduct	*-8.25*	
		For >50 To 100, Deduct	*-13.68*	
		For >100, Deduct	*-21.73*	
26 01 50 81-0084	EA	3' Length, 2 Bar, 4,000 Lumens, 3500K CCT, Lightbar Kit LED Retrofit System (Lithonia LBK 3FT 2 4000LMHE 80CRI 35K MIN10 GZT MVOLT)	122.94	
		For >25 To 50, Deduct	*-6.15*	
		For >50 To 100, Deduct	*-10.60*	
		For >100, Deduct	*-17.81*	
26 01 50 81-0085	EA	3' Length, 1 Bar, 1,600 Lumens, 3500K CCT, Lightbar Kit LED Retrofit System (Lithonia LBK 3FT 1 1600LMHE 80CRI 35K MIN10 GZT MVOLT)	112.78	
		For >25 To 50, Deduct	*-5.64*	
		For >50 To 100, Deduct	*-9.84*	
		For >100, Deduct	*-16.79*	
26 01 50 81-0086	EA	4' Length, 2 Bar, 6,000 Lumens, 3500K CCT, Lightbar Kit LED Retrofit System (Lithonia LBK 4FT 2 6000LMHE 80CRI 35K MIN10 GZT MVOLT)	148.27	
		For >25 To 50, Deduct	*-7.41*	
		For >50 To 100, Deduct	*-12.57*	
		For >100, Deduct	*-20.63*	
26 01 50 81-0087	EA	4' Length, 4 Bar, 6,000 Lumens, 3500K CCT, Lightbar Kit LED Retrofit System (Lithonia LBK 4FT 4 6000LMHE 80CRI 35K MIN10 GZT MVOLT)	193.38	
		For >25 To 50, Deduct	*-9.67*	
		For >50 To 100, Deduct	*-15.95*	
		For >100, Deduct	*-25.14*	
26 01 50 81-0088	EA	4' Length, 1 Bar, 3,000 Lumens, 3500K CCT, Lightbar Kit LED Retrofit System (Lithonia LBK 4FT 1 3000LMHE 80CRI 35K MIN10 GZT MVOLT)	121.95	
		For >25 To 50, Deduct	*-6.10*	
		For >50 To 100, Deduct	*-10.60*	
		For >100, Deduct	*-18.00*	
26 01 50 81-0089	EA	4' Length, 1 Bar, 4,000 Lumens, 3500K CCT, Lightbar Kit LED Retrofit System (Lithonia LBK 4FT 1 4000LMHE 80CRI 35K MIN10 GZT MVOLT)	121.95	
		For >25 To 50, Deduct	*-6.10*	
		For >50 To 100, Deduct	*-10.60*	
		For >100, Deduct	*-18.00*	
26 01 50 81-0090	EA	4' Length, 4 Bar, 8,000 Lumens, 3500K CCT, Lightbar Kit LED Retrofit System (Lithonia LBK 4FT 4 8000LMHE 80CRI 35K MIN10 GZT MVOLT)	157.29	
		For >25 To 50, Deduct	*-7.86*	
		For >50 To 100, Deduct	*-13.25*	
		For >100, Deduct	*-21.53*	
26 01 50 81-0091	EA	4' Length, 2 Bar, 4,000 Lumens, 3500K CCT, Lightbar Kit LED Retrofit System (Lithonia LBK 4FT 2 4000LMHE 80CRI 35K MIN10 GZT MVOLT)	133.23	
		For >25 To 50, Deduct	*-6.66*	
		For >50 To 100, Deduct	*-11.44*	
		For >100, Deduct	*-19.13*	
26 01 50 81-0092	EA	4' Length, 2 Bar, 3,000 Lumens, 3500K CCT, Lightbar Kit LED Retrofit System (Lithonia LBK 4FT 2 3000LMHE 80CRI 35K MIN10 GZT MVOLT)	133.23	
		For >25 To 50, Deduct	*-6.66*	
		For >50 To 100, Deduct	*-11.44*	
		For >100, Deduct	*-19.13*	
26 01 50 81-0093		LED Retrofit For Existing Fluorescent Fixtures (Lithonia) *(26 01 50 81-0080)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 81-0094	EA	1'x 4', 4,000 Lumens, 3500K CCT, Square Smooth Diffuser, Dimming LED Relight Assembly (Lithonia BLT4R F 40LHE SDSMT MVOLT EZ1 LP835 NLTAIR2)	271.23	
		For nLight AIR PIR integral occupancy sensor with automatic dimming photocell for Networking Capabilities Individual Control (nLight RES7), Add	*179.91*	
		For nLight AIR radio module without sensor (nLight RIO), Add	*116.95*	
		For >25 To 50, Deduct	*-13.56*	
		For >50 To 100, Deduct	*-21.79*	
		For >100, Deduct	*-32.93*	
26 01 50 81-0095	EA	1'x 4', 4,800 Lumens, 3500K CCT, Curved Smooth Diffuser, Dimming LED Relight Assembly (Lithonia BLT4R 48LHE ADSMT MVOLT EZ1 LP835 NLTAIR2)	292.57	
		For nLight AIR PIR integral occupancy sensor with automatic dimming photocell for Networking Capabilities Individual Control (nLight RES7), Add	*179.91*	
		For nLight AIR radio module without sensor (nLight RIO), Add	*116.95*	
		For >25 To 50, Deduct	*-14.63*	
		For >50 To 100, Deduct	*-23.39*	
		For >100, Deduct	*-35.06*	
26 01 50 81-0096	EA	2'x 2', 3,300 Lumens, 3500K CCT, Square Smooth Diffuser, Dimming LED Relight Assembly (Lithonia 2BLT2R 33LHE SDSMT MVOLT EZ1 LP835 NLTAIR2)	308.52	
		For nLight AIR PIR integral occupancy sensor with automatic dimming photocell for Networking Capabilities Individual Control (nLight RES7), Add	*179.91*	
		For nLight AIR radio module without sensor (nLight RIO), Add	*116.95*	
		For >25 To 50, Deduct	*-15.43*	
		For >50 To 100, Deduct	*-24.59*	
		For >100, Deduct	*-36.66*	
26 01 50 81-0097	EA	2'x 2', 4,000 Lumens, 3500K CCT, Square Smooth Diffuser, Dimming LED Relight Assembly (Lithonia 2BLT2R F 40LHE SDSMT MVOLT EZ1 LP835 NLTAIR2)	333.44	
		For nLight AIR PIR integral occupancy sensor with automatic dimming photocell for Networking Capabilities Individual Control (nLight RES7), Add	*179.91*	
		For nLight AIR radio module without sensor (nLight RIO), Add	*116.95*	
		For >25 To 50, Deduct	*-16.67*	
		For >50 To 100, Deduct	*-26.46*	
		For >100, Deduct	*-39.15*	
26 01 50 81-0098	EA	2'x 4', 4,000 Lumens, 3500K CCT, Curved Smooth Diffuser, Dimming LED Relight Assembly (Lithonia 2BLT4R 40LHE ADSMT MVOLT EZ1 LP835 NLTAIR2 RIO)	357.32	
		For nLight AIR PIR integral occupancy sensor with automatic dimming photocell for Networking Capabilities Individual Control (nLight RES7), Add	*179.91*	
		For nLight AIR radio module without sensor (nLight RIO), Add	*116.95*	
		For >25 To 50, Deduct	*-17.87*	
		For >50 To 100, Deduct	*-28.54*	
		For >100, Deduct	*-42.70*	
26 01 50 81-0099	EA	2'x 4', 4,800 Lumens, 3500K CCT, Curved Smooth Diffuser, Dimming LED Relight Assembly (Lithonia 2BLT4R 48LHE ADSMT MVOLT EZ1 LP835 NLTAIR2 RIO)	386.26	
		For nLight AIR PIR integral occupancy sensor with automatic dimming photocell for Networking Capabilities Individual Control (nLight RES7), Add	*179.91*	
		For nLight AIR radio module without sensor (nLight RIO), Add	*116.95*	
		For >25 To 50, Deduct	*-19.31*	
		For >50 To 100, Deduct	*-30.71*	
		For >100, Deduct	*-45.59*	

26 01 50 81-0100 LED Lighting Retrofits For Existing Fluorescent Fixtures (ELED Lights) *(26 01 50 81-0080)*

Note: Includes removal of existing fluorescent lamps, installing LED strip lighting and trim. Excludes recycling or disposal of lamps. See CSI section 02 84 16 00-0003 for ballast recycling.

26 01 50 81-0101	EA	2' Dimmable, 20 Watts, 2900 Lumens, 4000K, Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 2X2STRPD20W40)	103.66	
		Note: Kit contains two 2-foot magnetic linear LED strips, connectors, and magnetic-mount LED driver		
		For >25 To 50, Deduct	*-5.18*	
		For >50 To 100, Deduct	*-9.08*	
		For >100, Deduct	*-15.59*	
26 01 50 81-0102	EA	2' Dimmable, 20 Watts, 2900 Lumens, 5000K, Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 2X2STRPD20W50)	103.66	
		Note: Kit contains two 2-foot magnetic linear LED strips, connectors, and magnetic-mount LED driver		
		For >25 To 50, Deduct	*-5.18*	
		For >50 To 100, Deduct	*-9.08*	
		For >100, Deduct	*-15.59*	
26 01 50 81-0103	EA	4' Dimmable, 32 Watts, 5000 Lumens, 4000K, Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 2X4STRPD32W40)	137.00	
		Note: Kit contains two 4-foot magnetic linear LED strips, connectors, and magnetic-mount LED driver		
		For >25 To 50, Deduct	*-6.85*	
		For >50 To 100, Deduct	*-11.73*	
		For >100, Deduct	*-19.51*	
26 01 50 81-0104	EA	4' Dimmable, 32 Watts, 5000 Lumens, 5000K, Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 2X4STRPD32W50)	137.00	
		Note: Kit contains two 4-foot magnetic linear LED strips, connectors, and magnetic-mount LED driver		
		For >25 To 50, Deduct	*-6.85*	
		For >50 To 100, Deduct	*-11.73*	
		For >100, Deduct	*-19.51*	
26 01 50 81-0105	EA	4' Dimmable, 35 Watts, 5500 Lumens, 3000K, Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4STRPUSA035UN30)	137.11	
		Note: Kit contains four 2-foot magnetic linear LED strips, connectors, and magnetic-mount LED driver		
		For >25 To 50, Deduct	*-6.86*	
		For >50 To 100, Deduct	*-11.73*	
		For >100, Deduct	*-19.52*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 81-0106	EA	4' Dimmable, 35 Watts, 5500 Lumens, 3000K, Frosted Lens, Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4STRPUSA035UN30F) Note: Kit contains four 2-foot magnetic linear LED strips, frosted lens covers, connectors, and magnetic-mount LED driver	149.77	
		For >25 To 50, Deduct	*-7.49*	
		For >50 To 100, Deduct	*-12.68*	
		For >100, Deduct	*-20.78*	
26 01 50 81-0107	EA	4' Dimmable, 35 Watts, 5500 Lumens, 3500K, Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4STRPUSA035UN35) Note: Kit contains four 2-foot magnetic linear LED strips, connectors, and magnetic-mount LED driver	137.11	
		For >25 To 50, Deduct	*-6.86*	
		For >50 To 100, Deduct	*-11.73*	
		For >100, Deduct	*-19.52*	
26 01 50 81-0108	EA	4' Dimmable, 35 Watts, 5500 Lumens, 3500K, Frosted Lens, Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4STRPUSA035UN35F) Note: Kit contains four 2-foot magnetic linear LED strips, frosted lens covers, connectors, and magnetic-mount LED driver	149.77	
		For >25 To 50, Deduct	*-7.49*	
		For >50 To 100, Deduct	*-12.68*	
		For >100, Deduct	*-20.78*	
26 01 50 81-0109	EA	4' Dimmable, 35 Watts, 5500 Lumens, 4000K, Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4STRPUSA035UN40) Note: Kit contains four 2-foot magnetic linear LED strips, connectors, and magnetic-mount LED driver	137.11	
		For >25 To 50, Deduct	*-6.86*	
		For >50 To 100, Deduct	*-11.73*	
		For >100, Deduct	*-19.52*	
26 01 50 81-0110	EA	4' Dimmable, 35 Watts, 5500 Lumens, 4000K, Frosted Lens, Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4STRPUSA035UN40F) Note: Kit contains four 2-foot magnetic linear LED strips, frosted lens covers, connectors, and magnetic-mount LED driver	149.77	
		For >25 To 50, Deduct	*-7.49*	
		For >50 To 100, Deduct	*-12.68*	
		For >100, Deduct	*-20.78*	
26 01 50 81-0111	EA	4' Dimmable, 35 Watts, 5500 Lumens, 5000K, Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4STRPUSA035UN50) Note: Kit contains four 2-foot magnetic linear LED strips, connectors, and magnetic-mount LED driver	137.11	
		For >25 To 50, Deduct	*-6.86*	
		For >50 To 100, Deduct	*-11.73*	
		For >100, Deduct	*-19.52*	
26 01 50 81-0112	EA	4' Dimmable, 35 Watts, 5500 Lumens, 5000K, Frosted Lens, Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4STRPUSA035UN50F) Note: Kit contains four 2-foot magnetic linear LED strips, frosted lens covers, connectors, and magnetic-mount LED driver	149.77	
		For >25 To 50, Deduct	*-7.49*	
		For >50 To 100, Deduct	*-12.68*	
		For >100, Deduct	*-20.78*	
26 01 50 81-0113	EA	4' Dimmable, 46 Watts, 6800 Lumens, 5000K, Ultra High Lumen Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 2X4STRPD46W50) Note: Kit contains two 4-foot magnetic linear LED strips, connectors, and magnetic-mount LED driver	149.66	
		For >25 To 50, Deduct	*-7.48*	
		For >50 To 100, Deduct	*-12.68*	
		For >100, Deduct	*-20.77*	
26 01 50 81-0114	EA	4' Dimmable, 31 Watts, 5730 Lumens, 4000K, High Efficacy Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4C3STRP031DD40) Note: Kit contains two 4-foot magnetic linear LED strips, connectors, and magnetic-mount LED driver	176.75	
		For >25 To 50, Deduct	*-8.84*	
		For >50 To 100, Deduct	*-14.71*	
		For >100, Deduct	*-23.48*	
26 01 50 81-0115	EA	4' Dimmable, 31 Watts, 5730 Lumens, 4000K, Frosted Lens, High Efficacy Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4C3STRP031DD40F) Note: Kit contains two 4-foot magnetic linear LED strips, frosted lens covers, connectors, and magnetic-mount LED driver	192.58	
		For >25 To 50, Deduct	*-9.63*	
		For >50 To 100, Deduct	*-15.89*	
		For >100, Deduct	*-25.06*	
26 01 50 81-0116	EA	4' Dimmable, 31 Watts, 5730 Lumens, 5000K, High Efficacy Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4C3STRP031DD50) Note: Kit contains two 4-foot magnetic linear LED strips, connectors, and magnetic-mount LED driver	176.75	
		For >25 To 50, Deduct	*-8.84*	
		For >50 To 100, Deduct	*-14.71*	
		For >100, Deduct	*-23.48*	
26 01 50 81-0117	EA	4' Dimmable, 31 Watts, 5730 Lumens, 5000K, Frosted Lens, High Efficacy Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4C3STRP031DD50F) Note: Kit contains two 4-foot magnetic linear LED strips, frosted lens covers, connectors, and magnetic-mount LED driver	192.58	
		For >25 To 50, Deduct	*-9.63*	
		For >50 To 100, Deduct	*-15.89*	
		For >100, Deduct	*-25.06*	
26 01 50 81-0118	EA	20 Watts, Emergency Battery Backup, For Use With 2' And 4' Linear LED Retrofit Kits (ELEDLIGHTS BLD-AM20D-480800) Note: 90-minute emergency battery with DIP switch-selectable power output of 10 Watts, 15 Watts, or 20 Watts	193.62	
		For >25 To 50, Deduct	*-9.68*	
		For >50 To 100, Deduct	*-14.81*	
		For >100, Deduct	*-20.52*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 81-0119	EA	20 Watts, Emergency Battery Backup, For Use With 2' And 4' Linear LED Retrofit Kits (ELEDLIGHTS EM-HM-20W)	177.60	
		Note: 90-minute emergency battery with power output of 20 Watts		
		For >25 To 50, Deduct	*-8.88*	
		For >50 To 100, Deduct	*-13.61*	
		For >100, Deduct	*-18.92*	
26 01 50 81-0120	EA	8' Dimmable, 46 Watts, 7400 Lumens, 5000K, Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4X4STRPD46W50)	178.15	
		Note: Kit contains four 4-foot magnetic linear LED strips, connectors, and magnetic-mount LED driver		
		For >25 To 50, Deduct	*-8.91*	
		For >50 To 100, Deduct	*-15.25*	
		For >100, Deduct	*-25.36*	
26 01 50 81-0121	EA	8' Dimmable, 49 Watts, 6680 Lumens, 5000K, Frosted Lens, Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4X4STRPD49W50F)	186.06	
		Note: Kit contains four 4-foot magnetic linear LED strips, frosted lens covers, connectors, and magnetic-mount LED driver		
		For >25 To 50, Deduct	*-9.30*	
		For >50 To 100, Deduct	*-15.84*	
		For >100, Deduct	*-26.15*	
26 01 50 81-0122	EA	8' Dimmable, 64 Watts, 11850 Lumens, 4000K, High Efficacy Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4C3STRP031DD40)	263.80	
		Note: Kit contains four 4-foot magnetic linear LED strips, connectors, and magnetic-mount LED driver		
		For >25 To 50, Deduct	*-13.19*	
		For >50 To 100, Deduct	*-21.67*	
		For >100, Deduct	*-33.93*	
26 01 50 81-0123	EA	8' Dimmable, 64 Watts, 11850 Lumens, 4000K, Frosted Lens, High Efficacy Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4C3STRP031DD40F)	295.46	
		Note: Kit contains four 4-foot magnetic linear LED strips, frosted lens covers, connectors, and magnetic-mount LED driver		
		For >25 To 50, Deduct	*-14.77*	
		For >50 To 100, Deduct	*-24.05*	
		For >100, Deduct	*-37.09*	
26 01 50 81-0124	EA	8' Dimmable, 64 Watts, 11850 Lumens, 5000K, High Efficacy Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4C3STRP031DD50)	263.80	
		Note: Kit contains four 4-foot magnetic linear LED strips, connectors, and magnetic-mount LED driver		
		For >25 To 50, Deduct	*-13.19*	
		For >50 To 100, Deduct	*-21.67*	
		For >100, Deduct	*-33.93*	
26 01 50 81-0125	EA	8' Dimmable, 64 Watts, 11850 Lumens, 5000K, Frosted Lens, High Efficacy Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4C3STRP031DD50F)	295.46	
		Note: Kit contains four 4-foot magnetic linear LED strips, frosted lens covers, connectors, and magnetic-mount LED driver		
		For >25 To 50, Deduct	*-14.77*	
		For >50 To 100, Deduct	*-24.05*	
		For >100, Deduct	*-37.09*	

26 05 Common Work Results for Electrical *(26)*

26 05 13 Medium-Voltage Cables *(26 05)*

26 05 13 16 Medium-Voltage, Single-and Multi-Conductor Cables *(26 05 13)*

26 05 13 16-0001 Wire And Cable *(26 05 13 16)*

Note: Pulled in conduit except as noted. Includes pull wires, pulling branch circuit conductors, testing, and splicing (#8 and lighter). All conductors are copper except as otherwise noted. No special set-up is required. Excludes terminations.

26 05 13 16-0002 5 KV Cable *(26 05 13 16-0001)*

26 05 13 16-0003 Cross-Linked Polyethylene (XLP) Insulation, 5 KV, Shielded, Single Copper Conductor, 133 Percent Insulation, Installed In Duct *(26 05 13 16-0002)*

26 05 13 16-0004	MLF	#6 AWG, XLP, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct	3,403.93	909.51
26 05 13 16-0005	MLF	#4 AWG, XLP, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct	4,010.70	993.09
26 05 13 16-0006	MLF	#2 AWG, XLP, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct	4,772.70	1,122.05
26 05 13 16-0007	MLF	1/0 AWG, XLP, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct	6,177.02	1,382.40
26 05 13 16-0008	MLF	2/0 AWG, XLP, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct	7,031.54	1,556.70
26 05 13 16-0009	MLF	3/0 AWG, XLP, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct	8,589.95	1,727.90
26 05 13 16-0010	MLF	4/0 AWG, XLP, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct	9,668.09	1,941.48
26 05 13 16-0011	MLF	250 MCM, XLP, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct	11,444.92	2,159.97
26 05 13 16-0012	MLF	350 MCM, XLP, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct	13,355.04	2,578.96
26 05 13 16-0013	MLF	500 MCM, XLP, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct	16,788.70	3,031.51
26 05 13 16-0014	MLF	750 MCM, XLP, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct	24,806.17	3,572.96
26 05 13 16-0015	MLF	1,000 MCM, XLP, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct	32,829.35	4,114.15

26 05 13 16-0016 Cross-Linked Polyethylene (XLP) Insulation, 5 KV, Shielded, Single Copper Conductor, 133 Percent Insulation, Direct Burial *(26 05 13 16-0002)*

Note: Excludes excavation.

26 05 13 16-0017	MLF	#6 AWG, XLP, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	3,290.25
26 05 13 16-0018	MLF	#4 AWG, XLP, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	3,687.96
26 05 13 16-0019	MLF	#2 AWG, XLP, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	4,127.53
26 05 13 16-0020	MLF	1/0 AWG, XLP, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	5,094.68
26 05 13 16-0021	MLF	2/0 AWG, XLP, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	5,513.32

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 13 16-0022	MLF	3/0 AWG, XLP, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	6,856.84	
26 05 13 16-0023	MLF	4/0 AWG, XLP, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	7,401.06	
26 05 13 16-0024	MLF	250 MCM, XLP, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	8,850.22	
26 05 13 16-0025	MLF	350 MCM, XLP, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	9,826.31	
26 05 13 16-0026	MLF	500 MCM, XLP, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	12,230.86	
26 05 13 16-0027		**Cross-Linked Polyethylene (XLP) Insulation, 5 KV, Shielded, Single Copper Conductor, 133 Percent Insulation, Installed On Poles (Aerial)** *(26 05 13 16-0002)*		
26 05 13 16-0028	MLF	#6 AWG, XLP, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	2,629.16	570.56
26 05 13 16-0029	MLF	#4 AWG, XLP, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	3,135.35	611.76
26 05 13 16-0030	MLF	#2 AWG, XLP, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	3,999.92	773.62
26 05 13 16-0031	MLF	1/0 AWG, XLP, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	5,188.35	939.15
26 05 13 16-0032	MLF	2/0 AWG, XLP, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	6,036.08	1,102.49
26 05 13 16-0033	MLF	3/0 AWG, XLP, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	7,582.44	1,260.80
26 05 13 16-0034	MLF	4/0 AWG, XLP, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	8,657.49	1,462.89
26 05 13 16-0035	MLF	250 MCM, XLP, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	10,880.08	1,840.41
26 05 13 16-0036	MLF	350 MCM, XLP, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	13,025.20	2,328.70
26 05 13 16-0037	MLF	500 MCM, XLP, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	16,896.34	2,925.78
26 05 13 16-0038		**5 KV Non-Shielded Single Copper Conductor** *(26 05 13 16-0002)*		
26 05 13 16-0039	MLF	1/0 AWG, 5 KV, Non-Shielded, Single Copper Conductor Cable, Installed In Duct	7,356.39	1,812.53
26 05 13 16-0040	MLF	2/0 AWG, 5 KV, Non-Shielded, Single Copper Conductor Cable, Installed In Duct	8,410.35	1,838.58
26 05 13 16-0041	MLF	3/0 AWG, 5 KV, Non-Shielded, Single Copper Conductor Cable, Installed In Duct	9,464.33	1,864.63
26 05 13 16-0042	MLF	4/0 AWG, 5 KV, Non-Shielded, Single Copper Conductor Cable, Installed In Duct	9,849.66	1,905.84
26 05 13 16-0043	MLF	350 MCM, 5 KV, Non-Shielded, Single Copper Conductor Cable, Installed In Duct	11,706.68	1,978.54
26 05 13 16-0044	MLF	500 MCM, 5 KV, Non-Shielded, Single Copper Conductor Cable, Installed In Duct	16,484.07	2,073.54
26 05 13 16-0045	MLF	750 MCM, 5 KV, Non-Shielded, Single Copper Conductor Cable, Installed In Duct	25,313.51	2,591.92
26 05 13 16-0046	MLF	1,000 MCM, 5 KV, Non-Shielded, Single Copper Conductor Cable, Installed In Duct	29,356.81	3,455.94
26 05 13 16-0047		**Ethylene-Propylene Rubber (EPR) Insulation, 5 KV, Shielded, Single Copper Conductor, 133 Percent Insulation, Installed In Duct** *(26 05 13 16-0002)*		
26 05 13 16-0048	MLF	#6 AWG, EPR, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct	3,607.38	909.51
26 05 13 16-0049	MLF	#4 AWG, EPR, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct	4,285.74	993.09
26 05 13 16-0050	MLF	#2 AWG, EPR, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct	5,126.86	1,122.05
26 05 13 16-0051	MLF	#1 AWG, EPR, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct	5,896.68	1,252.16
26 05 13 16-0052	MLF	1/0 AWG, EPR, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct	6,666.83	1,382.40
26 05 13 16-0053	MLF	2/0 AWG, EPR, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct	7,596.70	1,556.70
26 05 13 16-0054	MLF	3/0 AWG, EPR, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct	9,358.56	1,727.90
26 05 13 16-0055	MLF	4/0 AWG, EPR, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct	10,534.67	1,941.48
26 05 13 16-0056	MLF	250 MCM, EPR, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct	12,533.04	2,159.97
26 05 13 16-0057	MLF	350 MCM, EPR, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct	14,598.39	2,578.96
26 05 13 16-0058	MLF	500 MCM, EPR, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct	18,446.50	3,031.51
26 05 13 16-0059	MLF	750 MCM, EPR, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct	27,664.03	3,572.96
26 05 13 16-0060	MLF	1,000 MCM, EPR, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct	36,887.26	4,114.15
26 05 13 16-0061		**Ethylene-Propylene Rubber (EPR) Insulation, 5 KV, Shielded, Single Copper Conductor, 133 Percent Insulation, Direct Burial** *(26 05 13 16-0002)* Note: Excludes excavation.		
26 05 13 16-0062	MLF	#6 AWG, EPR, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	3,493.71	
26 05 13 16-0063	MLF	#4 AWG, EPR, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	3,963.01	
26 05 13 16-0064	MLF	#2 AWG, EPR, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	4,481.70	
26 05 13 16-0065	MLF	#1 AWG, EPR, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	5,033.58	
26 05 13 16-0066	MLF	1/0 AWG, EPR, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	5,584.48	
26 05 13 16-0067	MLF	2/0 AWG, EPR, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	6,078.48	
26 05 13 16-0068	MLF	3/0 AWG, EPR, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	7,625.45	
26 05 13 16-0069	MLF	4/0 AWG, EPR, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	8,267.64	
26 05 13 16-0070	MLF	250 MCM, EPR, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	9,938.34	
26 05 13 16-0071	MLF	350 MCM, EPR, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	11,069.66	
26 05 13 16-0072	MLF	500 MCM, EPR, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	13,888.66	
26 05 13 16-0073		**Ethylene-Propylene Rubber (EPR) Insulation, 5 KV, Shielded, Single Copper Conductor, 133 Percent Insulation, Installed On Poles (Aerial)** *(26 05 13 16-0002)*		
26 05 13 16-0074	MLF	#6 AWG, EPR, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	2,832.61	570.56
26 05 13 16-0075	MLF	#4 AWG, EPR, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	3,410.39	611.76
26 05 13 16-0076	MLF	#2 AWG, EPR, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	4,354.08	773.62
26 05 13 16-0077	MLF	#1 AWG, EPR, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	5,014.60	855.78
26 05 13 16-0078	MLF	1/0 AWG, EPR, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	5,678.16	939.15
26 05 13 16-0079	MLF	2/0 AWG, EPR, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	6,601.24	1,102.49
26 05 13 16-0080	MLF	3/0 AWG, EPR, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	8,351.05	1,260.80
26 05 13 16-0081	MLF	4/0 AWG, EPR, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	9,524.07	1,462.89
26 05 13 16-0082	MLF	250 MCM, EPR, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	11,968.20	1,840.41
26 05 13 16-0083	MLF	350 MCM, EPR, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	14,268.55	2,328.70
26 05 13 16-0084	MLF	500 MCM, EPR, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	18,554.14	2,925.78

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CSI	UOM	MINOR DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 13 16-0085		15 KV Cable *(26 05 13 16-0001)*		
26 05 13 16-0086		Cross-Linked Polyethylene (XLP) Insulation, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable *(26 05 13 16-0085)*		
26 05 13 16-0087		Cross-Linked Polyethylene (XLP) Insulation, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed In Duct *(26 05 13 16-0086)*		
26 05 13 16-0088	MLF	#4 AWG, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installled In Duct	7,296.44	1,812.53
26 05 13 16-0089	MLF	#2 AWG, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installled In Duct	7,858.94	1,812.53
26 05 13 16-0090	MLF	#1 AWG, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installled In Duct	8,073.50	1,812.53
26 05 13 16-0091	MLF	1/0 AWG, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installled In Duct	8,772.46	1,812.53
26 05 13 16-0092	MLF	2/0 AWG, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installled In Duct	9,435.87	1,812.53
26 05 13 16-0093	MLF	3/0 AWG, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installled In Duct	10,747.92	1,891.98
26 05 13 16-0094	MLF	4/0 AWG, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installled In Duct	11,008.54	1,891.98
26 05 13 16-0095	MLF	250 MCM, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installled In Duct	12,646.78	1,978.54
26 05 13 16-0096	MLF	350 MCM, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installled In Duct	14,290.94	2,024.94
26 05 13 16-0097	MLF	500 MCM, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installled In Duct	17,572.64	2,280.89
26 05 13 16-0098		Cross-Linked Polyethylene (XLP) Insulation, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial *(26 05 13 16-0086)* Note: Excludes excavation.		
26 05 13 16-0099	MLF	#1 AWG, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	6,123.77	
26 05 13 16-0100	MLF	1/0 AWG, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	6,822.73	
26 05 13 16-0101	MLF	2/0 AWG, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	7,486.14	
26 05 13 16-0102	MLF	3/0 AWG, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	8,823.25	
26 05 13 16-0103	MLF	4/0 AWG, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	9,083.87	
26 05 13 16-0104	MLF	250 MCM, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	10,829.47	
26 05 13 16-0105	MLF	350 MCM, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	12,476.61	
26 05 13 16-0106	MLF	500 MCM, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	15,499.11	
26 05 13 16-0107		Cross-Linked Polyethylene (XLP) Insulation, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial) *(26 05 13 16-0086)*		
26 05 13 16-0108	MLF	#1 AWG, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	5,683.37	815.07
26 05 13 16-0109	MLF	1/0 AWG, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	6,708.35	939.15
26 05 13 16-0110	MLF	2/0 AWG, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	7,800.85	1,102.49
26 05 13 16-0111	MLF	3/0 AWG, XLP, 15 KV, Installed On Poles (Aerial), Shielded, Single Copper Conductor, 133% Insulation Cable	9,330.49	1,260.80
26 05 13 16-0112	MLF	4/0 AWG, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	10,121.94	1,462.89
26 05 13 16-0113	MLF	250 MCM, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	12,174.53	1,702.99
26 05 13 16-0114	MLF	350 MCM, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	14,441.94	1,984.43
26 05 13 16-0115	MLF	500 MCM, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	17,926.35	2,305.10
26 05 13 16-0116		Ethylene-Propylene Rubber (EPR) Insulation, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable *(26 05 13 16-0085)*		
26 05 13 16-0117		Ethylene-Propylene Rubber (EPR), 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed In Duct *(26 05 13 16-0116)*		
26 05 13 16-0118	MLF	#4 AWG, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed In Duct	7,794.16	1,812.53
26 05 13 16-0119	MLF	#2 AWG, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed In Duct	8,457.91	1,812.53
26 05 13 16-0120	MLF	#1 AWG, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed In Duct	8,711.09	1,812.53
26 05 13 16-0121	MLF	1/0 AWG, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed In Duct	9,535.86	1,812.53
26 05 13 16-0122	MLF	2/0 AWG, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed In Duct	10,318.69	1,812.53
26 05 13 16-0123	MLF	3/0 AWG, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed In Duct	11,831.18	1,891.98
26 05 13 16-0124	MLF	4/0 AWG, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed In Duct	12,138.72	1,891.98
26 05 13 16-0125	MLF	250 MCM, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed In Duct	14,032.85	1,978.54
26 05 13 16-0126	MLF	350 MCM, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed In Duct	15,952.09	2,024.94
26 05 13 16-0127	MLF	500 MCM, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed In Duct	19,709.31	2,280.89
26 05 13 16-0128		Ethylene-Propylene Rubber (EPR), 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial *(26 05 13 16-0116)* Note: Excludes excavation.		
26 05 13 16-0129	MLF	#1 AWG, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	6,761.37	
26 05 13 16-0130	MLF	1/0 AWG, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	7,586.13	
26 05 13 16-0131	MLF	2/0 AWG, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	8,368.96	
26 05 13 16-0132	MLF	3/0 AWG, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	9,906.51	
26 05 13 16-0133	MLF	4/0 AWG, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	10,214.04	
26 05 13 16-0134	MLF	250 MCM, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	12,211.50	
26 05 13 16-0135	MLF	350 MCM, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	14,129.64	
26 05 13 16-0136	MLF	500 MCM, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	17,635.78	
26 05 13 16-0137		Ethylene-Propylene Rubber (EPR), 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial) *(26 05 13 16-0116)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 13 16-0138	MLF	#1 AWG, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	6,320.97	815.07
26 05 13 16-0139	MLF	1/0 AWG, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	7,471.75	939.15
26 05 13 16-0140	MLF	2/0 AWG, EPEPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	8,683.67	1,102.49
26 05 13 16-0141	MLF	3/0 AWG, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	10,413.75	1,260.80
26 05 13 16-0142	MLF	4/0 AWG, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	11,252.11	1,462.89
26 05 13 16-0143	MLF	250 MCM, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	13,560.60	1,702.99
26 05 13 16-0144	MLF	350 MCM, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	16,103.09	1,984.43
26 05 13 16-0145	MLF	500 MCM, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	20,063.02	2,305.10
26 05 13 16-0146		**15 KV Non-Shielded Single Copper Conductor** *(26 05 13 16-0085)*		
26 05 13 16-0147	MLF	1/0 AWG, 15 KV, Non-Shielded, Single Copper Conductor Cable, Installed In Duct	10,303.23	1,818.88
26 05 13 16-0148	MLF	2/0 AWG, 15 KV, Non-Shielded, Single Copper Conductor Cable, Installed In Duct	8,972.90	1,862.36
26 05 13 16-0149	MLF	3/0 AWG, 15 KV, Non-Shielded, Single Copper Conductor Cable, Installed In Duct	13,291.99	1,905.84
26 05 13 16-0150	MLF	350 MCM, 15 KV, Non-Shielded, Single Copper Conductor Cable, Installed In Duct	18,144.07	2,032.84
26 05 13 16-0151		**Shielded, Armored Copper, 15 KV, 3 Conductor Cable** *(26 05 13 16-0085)* Note: Laid in cable tray or hung in vertical cable shaft.		
26 05 13 16-0152		**Galvanized Steel Interlocked Armor Cable** *(26 05 13 16-0151)*		
26 05 13 16-0153	LF	3 Conductors, #2 AWG, TC, 15 KV, Galvanized Armored Shielded Cable, Laid In Cable Tray Or Hung Vertically	50.05	13.87
26 05 13 16-0154	LF	3 Conductors, 1/0 AWG, TC, 15 KV, Galvanized Armored Shielded Cable, Laid In Cable Tray Or Hung Vertically	59.46	14.77
26 05 13 16-0155		**Aluminum Interlocked Armor Cable** *(26 05 13 16-0151)*		
26 05 13 16-0156	LF	3 Conductors, #2 AWG, TC, 15 KV, Aluminum Armored Shielded Cable, Laid In Cable Tray Or Hung Vertically	50.05	13.87
26 05 13 16-0157	LF	3 Conductor, 1/0 AWG, TC, 15 KV, Aluminum Armored Shielded Cable, Laid In Cable Tray Or Hung Vertically	59.46	14.77
26 05 13 16-0158		**Type URD, 15 KV Primary Concentric UD Cable** *(26 05 13 16-0085)* Note: 0.175" XLPE insulation, copper conductor.		
26 05 13 16-0159	MLF	#4 AWG, Type URD (XLPE), 15 KV, Shielded, Single Conductor Cable, Installed In Conduit	3,614.75	909.51
26 05 13 16-0160	MLF	#2 AWG, Type URD (XLPE), 15 KV, Shielded, Single Conductor Cable, Installed In Conduit	4,295.70	993.09
26 05 13 16-0161	MLF	#1 AWG, Type URD (XLPE), 15 KV, Shielded, Single Conductor Cable, Installed In Conduit	5,139.69	1,122.05
26 05 13 16-0162	MLF	1/0 AWG, Type URD (XLPE), 15 KV, Shielded, Single Conductor Cable, Installed In Conduit	6,675.37	1,378.64
26 05 13 16-0163	MLF	2/0 AWG, Type URD (XLPE), 15 KV, Shielded, Single Conductor Cable, Installed In Conduit	7,605.51	1,552.04
26 05 13 16-0164	MLF	3/0 AWG, Type URD (XLPE), 15 KV, Shielded, Single Conductor Cable, Installed In Conduit	9,386.38	1,727.90
26 05 13 16-0165	MLF	4/0 AWG, Type URD (XLPE), 15 KV, Shielded, Single Conductor Cable, Installed In Conduit	10,547.93	1,934.22
26 05 13 16-0166		**15 KV, URD Copper Cable, Direct Burial** *(26 05 13 16-0085)*		
26 05 13 16-0167	MLF	3 Conductors, #6 AWG, 15 KV, URD Copper Cable, Direct Burial	16,894.80	
26 05 13 16-0168		**Wire Connections** *(26 05 13 16-0001)*		
26 05 13 16-0169		**Medium Voltage Up To 5 KV** *(26 05 13 16-0168)*		
26 05 13 16-0170		**Shielded One Conductor Cable Splice** *(26 05 13 16-0169)*		
26 05 13 16-0171	EA	#6 AWG Cable Splice, To 5 KV One Conductor, Shielded Medium Voltage To 5 KV	364.96	115.91
26 05 13 16-0172	EA	#2 AWG Cable Splice, To 5 KV One Conductor, Shielded Medium Voltage To 5 KV	495.04	115.91
26 05 13 16-0173	EA	1/0 AWG Cable Splice, To 5 KV One Conductor, Shielded Medium Voltage To 5 KV	495.04	115.91
26 05 13 16-0174	EA	2/0 AWG Cable Splice, To 5 KV One Conductor, Shielded Medium Voltage To 5 KV	529.53	139.08
26 05 13 16-0175	EA	3/0 AWG Cable Splice, To 5 KV One Conductor, Shielded Medium Voltage To 5 KV	529.53	139.08
26 05 13 16-0176	EA	4/0 AWG Cable Splice, To 5 KV One Conductor, Shielded Medium Voltage To 5 KV	529.53	139.08
26 05 13 16-0177	EA	250 MCM Cable Splice, To 5 KV One Conductor, Shielded Medium Voltage To 5 KV	575.52	162.27
26 05 13 16-0178	EA	350 MCM Cable Splice, To 5 KV One Conductor, Shielded Medium Voltage To 5 KV	575.52	162.27
26 05 13 16-0179	EA	500 MCM Cable Splice, To 5 KV One Conductor, Shielded Medium Voltage To 5 KV	575.52	162.27
26 05 13 16-0180		**Cable Termination Without Stress Cone** *(26 05 13 16-0169)*		
26 05 13 16-0181	EA	#6 To 4/0 AWG Cable Termination Without Stress Cone, Medium Voltage To 5 KV	552.05	139.08
26 05 13 16-0182	EA	250 To 500 MCM Cable Termination Without Stress Cone, Medium Voltage To 5 KV	636.82	162.27
26 05 13 16-0183		**Cable Termination With Stress Cone** *(26 05 13 16-0169)*		
26 05 13 16-0184	EA	#6 To 4/0 AWG Cable Termination With Stress Cone, Medium Voltage To 5 KV	1,669.78	278.17
26 05 13 16-0185	EA	250 To 500 MCM Cable Termination With Stress Cone, Medium Voltage To 5 KV	2,294.10	382.48
26 05 13 16-0186		**Connect To Pothead, Pothead Included** *(26 05 13 16-0169)*		
26 05 13 16-0187	EA	#6 To 4/0 AWG Connection To Pothead (Included) Medium Voltage To 5 KV	1,748.34	278.17
26 05 13 16-0188	EA	250 To 500 MCM Connection To Pothead (Included) Medium Voltage To 5 KV	2,243.91	318.74
26 05 13 16-0189		**Two Conductor Pothead** *(26 05 13 16-0169)* Note: Includes 5 KV pothead.		
26 05 13 16-0190	EA	#6 To 4/0 AWG, Two Conductors, 5 KV Pothead (Included) Medium Voltage To 5 KV	1,245.96	382.48
26 05 13 16-0191	EA	250 To 350 MCM, Two Conductors, 5 KV Pothead (Included) Medium Voltage To 5 KV	1,675.76	486.80

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 13 16-0192	EA	400 To 700 MCM, Two Conductors, 5 KV Pothead (Included) Medium Voltage To 5 KV	2,592.64	551.94
26 05 13 16-0193	EA	750 MCM, Two Conductors, 5 KV Pothead (Included) Medium Voltage To 5 KV	4,265.43	643.96
26 05 13 16-0194	EA	1,000 MCM, Two Conductors, 5 KV Pothead (Included) Medium Voltage To 5 KV	7,886.95	965.82
26 05 13 16-0195		Three Conductor Pothead *(26 05 13 16-0169)*		
		Note: Includes 5 KV pothead.		
26 05 13 16-0196	EA	#6 To 4/0 AWG, Three Conductors, 5 KV Pothead (Included) Medium Voltage To 5 KV	5,250.25	556.34
26 05 13 16-0197	EA	250 To 500 MCM, Three Conductors, 5 KV Pothead (Included) Medium Voltage To 5 KV	5,741.35	649.06
26 05 13 16-0198		Copper Cable Splice, Crimp Compression Connection *(26 05 13 16-0169)*		
		Note: For bare wire.		
26 05 13 16-0199	EA	#6 AWG Crimp Compression Connection For Bare Copper Wire	76.62	
26 05 13 16-0200	EA	#4 AWG Crimp Compression Connection For Bare Copper Wire	84.81	
26 05 13 16-0201	EA	#3 AWG Crimp Compression Connection For Bare Copper Wire	98.87	
26 05 13 16-0202	EA	#2 AWG Crimp Compression Connection For Bare Copper Wire	111.83	
26 05 13 16-0203	EA	#1 AWG Crimp Compression Connection For Bare Copper Wire	126.33	
26 05 13 16-0204	EA	1/0 AWG Crimp Compression Connection For Bare Copper Wire	140.23	
26 05 13 16-0205	EA	2/0 AWG Crimp Compression Connection For Bare Copper Wire	153.88	
26 05 13 16-0206	EA	3/0 AWG Crimp Compression Connection For Bare Copper Wire	168.58	
26 05 13 16-0207	EA	4/0 AWG Crimp Compression Connection For Bare Copper Wire	182.63	
26 05 13 16-0208	EA	250 MCM Crimp Compression Connection For Bare Copper Wire	197.17	
26 05 13 16-0209	EA	300 MCM Crimp Compression Connection For Bare Copper Wire	212.30	
26 05 13 16-0210	EA	350 MCM Crimp Compression Connection For Bare Copper Wire	225.99	
26 05 13 16-0211	EA	400 MCM Crimp Compression Connection For Bare Copper Wire	255.89	
26 05 13 16-0212	EA	500 MCM Crimp Compression Connection For Bare Copper Wire	287.24	
26 05 13 16-0213		Aluminum Cable Splice, Crimp Compression Connection *(26 05 13 16-0169)*		
		Note: For bare wire.		
26 05 13 16-0214	EA	#6 AWG Crimp Compression Connection For Bare Aluminum Wire	79.42	
26 05 13 16-0215	EA	#4 AWG Crimp Compression Connection For Bare Aluminum Wire	86.36	
26 05 13 16-0216	EA	#2 AWG Crimp Compression Connection For Bare Aluminum Wire	116.94	
26 05 13 16-0217	EA	#1 AWG Crimp Compression Connection For Bare Aluminum Wire	139.33	
26 05 13 16-0218	EA	1/0 AWG Crimp Compression Connection For Bare Aluminum Wire	152.50	
26 05 13 16-0219	EA	2/0 AWG Crimp Compression Connection For Bare Aluminum Wire	165.60	
26 05 13 16-0220	EA	3/0 AWG Crimp Compression Connection For Bare Aluminum Wire	182.18	
26 05 13 16-0221	EA	4/0 AWG Crimp Compression Connection For Bare Aluminum Wire	197.02	
26 05 13 16-0222	EA	250 MCM Crimp Compression Connection For Bare Aluminum Wire	211.22	
26 05 13 16-0223	EA	300 MCM Crimp Compression Connection For Bare Aluminum Wire	226.04	
26 05 13 16-0224	EA	350 MCM Crimp Compression Connection For Bare Aluminum Wire	240.41	
26 05 13 16-0225	EA	400 MCM Crimp Compression Connection For Bare Aluminum Wire	276.55	
26 05 13 16-0226	EA	500 MCM Crimp Compression Connection For Bare Aluminum Wire	313.01	
26 05 13 16-0227		15 KV *(26 05 13 16-0168)*		
26 05 13 16-0228		Single Conductor Pothead On Racks *(26 05 13 16-0227)*		
		Note: Includes pothead.		
26 05 13 16-0229	EA	#2 To 4/0 AWG, Single Conductor, 15 KV Pothead (Included), On Racks	1,511.64	486.80
26 05 13 16-0230	EA	250 To 500 MCM, Single Conductor, 15 KV Pothead (Included), On Racks	1,930.76	602.70
26 05 13 16-0231		Two Conductor Pothead On Rack *(26 05 13 16-0227)*		
		Note: Includes pothead.		
26 05 13 16-0232	EA	#2 To 4/0 AWG, Two Conductors, 15 KV Pothead (Included), On Racks	2,222.03	741.78
26 05 13 16-0233	EA	250 To 500 MCM, Two Conductors, 15 KV Pothead (Included), On Racks	2,674.60	880.87
26 05 13 16-0234		Three Conductor Pothead On Rack *(26 05 13 16-0227)*		
		Note: Includes pothead.		
26 05 13 16-0235	EA	#2 To 4/0 AWG, Three Conductors, 15 KV Pothead (Included), On Racks	2,834.31	962.00
26 05 13 16-0236	EA	250 To 500 MCM, Three Conductors, 15 KV Pothead (Included), On Racks	3,530.22	1,205.40
26 05 13 16-0237		Stress Relief Cone On Rack *(26 05 13 16-0227)*		
26 05 13 16-0238	EA	#2 To 4/0 AWG Stress Relief Cone, On Rack	1,416.72	486.80
26 05 13 16-0239	EA	250 To 500 MCM Stress Relief Cone, On Rack	1,824.04	602.70
26 05 13 16-0240		Grounded, Shielded Cable Splice *(26 05 13 16-0227)*		
26 05 13 16-0241	EA	#2 To 4/0 AWG Cable Splice, Grounded, Shielded, 15 KV	972.17	359.30
26 05 13 16-0242	EA	250 To 500 MCM Cable Splice, Grounded, Shielded, 15 KV	1,245.07	463.61
26 05 13 16-0243	EA	3/0 To 500 MCM 15 KV Splice Kit, Cable Splice, Grounded, Shielded, Universal Mechanical Type CE - CE 2-Way	6,136.39	1,274.94
26 05 13 16-0244	EA	3/0 To 500 MCM 15 KV Splice Kit, Cable Splice, Grounded, Shielded, Universal Mechanical Type CE - CE - CE 3-Way	7,919.13	1,390.85
26 05 13 16-0245		Cable Termination *(26 05 13 16-0227)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 13 16-0246	EA	#2 To 3/0 AWG Cable Termination 15 KV	650.66	202.83
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*121.70*	
26 05 13 16-0247	EA	4/0 To 250 MCM Cable Termination 15 KV	821.33	260.78
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*156.47*	
26 05 13 16-0248	EA	350 To 500 MCM Cable Termination 15 KV	1,018.96	318.74
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*191.24*	
26 05 13 16-0249	EA	#2 To 3/0 AWG Cable Elbow Termination 15 KV	416.62	115.91
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*69.54*	
26 05 13 16-0250		Stress Cones, 5-15 KV, 4 Skirted *(26 05 13 16-0227)*		
26 05 13 16-0251	EA	#4 To 1/0 AWG Stress Cones, 5-15 KV, 4 Skirted	848.05	150.68
26 05 13 16-0252	EA	2/0 To 3/0 AWG Stress Cones, 5-15 KV, 4 Skirted	966.81	166.53
26 05 13 16-0253	EA	4/0 To 350 MCM Stress Cones, 5-15 KV, 4 Skirted	1,150.68	182.25
26 05 13 16-0254	EA	400 To 500 MCM Stress Cones, 5-15 KV, 4 Skirted	1,483.92	209.98
26 05 13 16-0255		Stress Cones, 5-15 KV, 6 Skirted *(26 05 13 16-0227)*		
26 05 13 16-0256	EA	#4 To 1/0 AWG Stress Cones, 5-15 KV, 6 Skirted	1,696.14	301.86
26 05 13 16-0257	EA	2/0 To 3/0 AWG Stress Cones, 5-15 KV, 6 Skirted	1,933.85	333.06
26 05 13 16-0258	EA	4/0 To 350 MCM Stress Cones, 5-15 KV, 6 Skirted	2,287.85	357.73
26 05 13 16-0259	EA	400 To 500 MCM Stress Cones, 5-15 KV, 6 Skirted	2,967.83	419.94
26 05 13 16-0260		35 KV *(26 05 13 16-0168)*		
26 05 13 16-0261		35 KV One Conductor Splice *(26 05 13 16-0260)*		
26 05 13 16-0262	EA	#1 Stranded To 4/0 Stranded, 35 KV, Cable Splicing	2,430.61	
26 05 13 16-0263		Cable Termination *(26 05 13 16-0260)*		
26 05 13 16-0264	EA	#2 To 3/0 AWG Cable Termination, 35 KV	574.01	139.20
26 05 13 16-0265	EA	3/0 AWG To 250 MCM, 35 KV, Cable Termination	781.69	210.02
26 05 13 16-0266	EA	350 To 500 MCM Cable Termination 35 KV	909.63	224.62
26 05 13 16-0267	EA	#2 To 3/0 AWG Cable Elbow Termination 35 KV	454.84	115.91
26 05 13 16-0268		70 KV *(26 05 13 16-0168)*		
26 05 13 16-0269		Cable Splice *(26 05 13 16-0268)*		
26 05 13 16-0270	EA	350 MCM, 70 KV, Cable Splicing	13,384.23	
26 05 13 16-0271	EA	#2 To 4/0, 70 KV, Cable Splicing	2,526.63	

26 05 19 Low-Voltage Electrical Power Conductors and Cables *(26 05)*

26 05 19 13 Undercarpet Electrical Power Cables *(26 05 19)*

26 05 19 13-0001		Under Carpet Power System *(26 05 19 13)*		
		Note: Includes laying out, floor prep, taping, drill floor, folds, identifying, tagging and testing		
26 05 19 13-0002	LF	3-Conductor, #12 Flat Cable With Attached Bottom Shield	6.40	0.53
26 05 19 13-0003	LF	Steel, Top Shield	14.93	0.53
26 05 19 13-0004	EA	3-Conductor, Splice	35.22	9.00
26 05 19 13-0005	EA	Splice Top Shield For 3 Conductor	9.89	4.23
26 05 19 13-0006	EA	3-Conductor, Tap	44.04	10.59
26 05 19 13-0007	EA	Insulating Patch, Splice Tap And End	69.97	9.00
26 05 19 13-0008	EA	3-Conductor, Transition Block Assembly	45.75	5.29
26 05 19 13-0009	EA	Single, Direct Connected, Receptacle With Box	137.82	16.94
26 05 19 13-0010	EA	Dual, Direct Connected, Receptacle With Box	229.99	26.47
26 05 19 13-0011	EA	Floor Mounted Box With Cover	230.09	21.18
26 05 19 13-0012	LF	5-Conductor, #12 Cable With Attached Bottom Shield	10.23	0.53
26 05 19 13-0013	LF	Steel, Top Shield For 5-Conductor Cable	10.15	0.53
26 05 19 13-0014	EA	5-Conductor, Splice	35.72	9.00
26 05 19 13-0015	EA	5-Conductor, Transition Block Assembly	60.83	5.29
26 05 19 13-0016	EA	Box, Wall, Flush With Cover	101.25	21.18
26 05 19 13-0017	EA	Telephone, Transition Fitting Wall Box	66.12	17.48
26 05 19 13-0018	EA	RJ-45, Telephone Fitting With Duplex Jack And Cover	87.53	20.12
26 05 19 13-0019	EA	Miniature Telephone With Duplex RJ-45	37.79	7.94
26 05 19 13-0020	LF	4-Pair, Level 5, Under Carpet Telephone Wire	2.18	0.53
26 05 19 13-0021	EA	BNC, Coax Plug, Connector	29.41	10.59
26 05 19 13-0022	EA	TNC, Coax Plug, Connector	29.41	10.59
26 05 19 13-0023	CLF	Under Carpet Power System; Flat RG A/U 59, 75 Ohm, RG A/U 62, 93 Ohm, RG A/U 58, 50 Ohm	155.11	52.94

26 05 19 16 Low-Voltage, Single-and Multi-Conductor Cables *(26 05 19)*

26 05 19 16-0001		Cable Installation Methods *(26 05 19 16)*		
26 05 19 16-0002		Pull Cord *(26 05 19 16-0001)*		
		Note: Left in conduit for others to pull cable. Not to be used when contractor has priced new wire in a conduit. Priced when owner wants a pull cord left in a conduit for owner to pull wire at a later time.		
26 05 19 16-0003	LF	Pull String Installed To Remain In Place, In Existing Conduit	0.37	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0004	LF	Pull String Installed To Remain In Place, In New Conduits	0.19	
26 05 19 16-0005	LF	1/4" Nylon Pull Cord Installed To Remain In Place, In Existing Conduit	0.64	
26 05 19 16-0006	LF	1/4" Nylon Pull Cord Installed To Remain In Place, In New Conduits	0.41	
26 05 19 16-0007		**Bore Conduit Into Dirt Or Sand** *(26 05 19 16-0001)* Note: For installation under roads, driveways or other structures up to 20'.		
26 05 19 16-0008	LF	Bore 1" To 4" Conduit Into Dirt Or Sand	3.64	
26 05 19 16-0009	LF	Bore 5" To 8" Conduit Into Dirt Or Sand	4.64	
26 05 19 16-0010		**Wire and Cable** *(26 05 19 16)* Note: Pulled in conduit except as noted. Includes pull wires, pulling branch circuit conductors, splicing (#8 and lighter), identifying, tagging and testing. All conductors are copper except as otherwise noted. No special set-up is required. For tasks installed in conduit, tasks exclude conduit. Excludes terminations. See CSI section 26 05 33 13-0058 for various conduit types.		
26 05 19 16-0011		**Multi-Conductor Cords, Cables And Associated Equipment** *(26 05 19 16-0010)*		
26 05 19 16-0012		**Multi-Conductor Cords** *(26 05 19 16-0011)* Note: Includes installation in cable tray, surface mounting or installation between junction boxes. Excludes strain relief devices, plugs and connector bodies.		
26 05 19 16-0013		**Multi-Conductor Type SOOW And SJOOW Cord** *(26 05 19 16-0012)* Note: Includes ethylene propylene diene monomer (EPDM) rubber insulation.		
26 05 19 16-0014		**300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord** *(26 05 19 16-0013)*		
26 05 19 16-0015		**#18 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord** *(26 05 19 16-0014)*		
26 05 19 16-0016	LF	2 Conductors, #18 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene)	1.07	0.46
26 05 19 16-0017	LF	3 Conductors, #18 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene)	1.11	0.46
26 05 19 16-0018	LF	4 Conductors, #18 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene)	1.21	0.46
26 05 19 16-0019		**#16 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord** *(26 05 19 16-0014)*		
26 05 19 16-0020	LF	2 Conductors, #16 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene)	1.24	0.46
26 05 19 16-0021	LF	3 Conductors, #16 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene)	1.31	0.46
26 05 19 16-0022	LF	4 Conductors, #16 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene)	1.40	0.46
26 05 19 16-0023		**#14 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord** *(26 05 19 16-0014)*		
26 05 19 16-0024	LF	2 Conductors, #14 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene)	1.36	0.46
26 05 19 16-0025	LF	3 Conductors, #14 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene)	1.46	0.46
26 05 19 16-0026	LF	4 Conductors, #14 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene)	1.66	0.46
26 05 19 16-0027		**#12 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord** *(26 05 19 16-0014)*		
26 05 19 16-0028	LF	2 Conductors, #12 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene)	1.53	0.46
26 05 19 16-0029	LF	3 Conductors, #12 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene)	1.65	0.46
26 05 19 16-0030	LF	4 Conductors, #12 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene)	1.83	0.46
26 05 19 16-0031		**#10 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord** *(26 05 19 16-0014)*		
26 05 19 16-0032	LF	2 Conductors, #10 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene)	1.94	0.58
26 05 19 16-0033	LF	3 Conductors, #10 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene)	2.02	0.58
26 05 19 16-0034	LF	4 Conductors, #10 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene)	2.15	0.58
26 05 19 16-0035		**600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord** *(26 05 19 16-0013)*		
26 05 19 16-0036		**#18 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord** *(26 05 19 16-0035)*		
26 05 19 16-0037	LF	2 Conductors, #18 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	1.11	0.46
26 05 19 16-0038	LF	3 Conductors, #18 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	1.18	0.46
26 05 19 16-0039	LF	4 Conductors, #18 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	1.28	0.46
26 05 19 16-0040	LF	5 Conductors, #18 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	2.10	0.62
26 05 19 16-0041	LF	6 Conductors, #18 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	2.28	0.64
26 05 19 16-0042	LF	7 Conductors, #18 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	2.41	0.66
26 05 19 16-0043	LF	8 Conductors, #18 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	2.63	0.68
26 05 19 16-0044	LF	10 Conductors, #18 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	3.00	0.71
26 05 19 16-0045	LF	12 Conductors, #18 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	3.37	0.73
26 05 19 16-0046	LF	14 Conductors, #18 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	4.35	0.75
26 05 19 16-0047	LF	16 Conductors, #18 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	4.43	0.76

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0048	LF	18 Conductors, #18 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	4.55	0.78
26 05 19 16-0049	LF	20 Conductors, #18 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	5.03	0.80
26 05 19 16-0050	LF	24 Conductors, #18 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	6.26	0.82
26 05 19 16-0051	LF	30 Conductors, #18 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	6.54	0.87
26 05 19 16-0052		#16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord *(26 05 19 16-0035)*		
26 05 19 16-0053	LF	2 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	1.30	0.46
26 05 19 16-0054	LF	3 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	1.37	0.46
26 05 19 16-0055	LF	4 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	1.49	0.46
26 05 19 16-0056	LF	5 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	2.19	0.62
26 05 19 16-0057	LF	6 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	2.39	0.64
26 05 19 16-0058	LF	7 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	2.59	0.66
26 05 19 16-0059	LF	8 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	2.85	0.68
26 05 19 16-0060	LF	9 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	2.96	0.69
26 05 19 16-0061	LF	10 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	3.26	0.71
26 05 19 16-0062	LF	12 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	3.75	0.73
26 05 19 16-0063	LF	14 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	4.01	0.75
26 05 19 16-0064	LF	16 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	4.50	0.76
26 05 19 16-0065	LF	18 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	5.15	0.78
26 05 19 16-0066	LF	20 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	5.75	0.80
26 05 19 16-0067	LF	24 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	6.88	0.82
26 05 19 16-0068	LF	26 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	7.53	0.83
26 05 19 16-0069	LF	30 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	8.73	0.87
26 05 19 16-0070		#14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord *(26 05 19 16-0035)*		
26 05 19 16-0071	LF	2 Conductors, #14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	1.48	0.46
26 05 19 16-0072	LF	3 Conductors, #14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	1.55	0.46
26 05 19 16-0073	LF	4 Conductors, #14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	1.73	0.46
26 05 19 16-0074	LF	5 Conductors, #14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	2.75	0.62
26 05 19 16-0075	LF	6 Conductors, #14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	3.25	0.64
26 05 19 16-0076	LF	7 Conductors, #14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	3.43	0.66
26 05 19 16-0077	LF	8 Conductors, #14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	3.83	0.68
26 05 19 16-0078	LF	9 Conductors, #14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	4.10	0.69
26 05 19 16-0079	LF	10 Conductors, #14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	4.55	0.71
26 05 19 16-0080	LF	12 Conductors, #14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	4.98	0.73
26 05 19 16-0081	LF	14 Conductors, #14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	5.47	0.75
26 05 19 16-0082	LF	16 Conductors, #14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	6.52	0.76
26 05 19 16-0083	LF	20 Conductors, #14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	7.29	0.80
26 05 19 16-0084	LF	24 Conductors, #14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	8.54	0.82
26 05 19 16-0085	LF	30 Conductors, #14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	10.06	0.87
26 05 19 16-0086		#12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord *(26 05 19 16-0035)*		
26 05 19 16-0087	LF	2 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	1.66	0.46
26 05 19 16-0088	LF	3 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	1.80	0.46
26 05 19 16-0089	LF	4 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	1.94	0.46
26 05 19 16-0090	LF	5 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	3.11	0.62
26 05 19 16-0091	LF	6 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	3.57	0.64
26 05 19 16-0092	LF	7 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	4.04	0.66
26 05 19 16-0093	LF	8 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	4.56	0.68
26 05 19 16-0094	LF	9 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	4.92	0.69
26 05 19 16-0095	LF	10 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	5.54	0.71
26 05 19 16-0096	LF	12 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	6.26	0.73
26 05 19 16-0097	LF	14 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	6.94	0.75
26 05 19 16-0098	LF	16 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	7.62	0.76

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26 05 19 16-0099	LF	18 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	7.95	0.78
26 05 19 16-0100	LF	20 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	9.12	0.80
26 05 19 16-0101	LF	24 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	10.32	0.82
26 05 19 16-0102	LF	26 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	11.52	0.83
26 05 19 16-0103	LF	28 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	11.91	0.85
26 05 19 16-0104	LF	30 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	12.34	0.87
26 05 19 16-0105		**#10 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord** *(26 05 19 16-0035)*		
26 05 19 16-0106	LF	2 Conductors, #10 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	1.90	0.58
26 05 19 16-0107	LF	3 Conductors, #10 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	2.02	0.58
26 05 19 16-0108	LF	4 Conductors, #10 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	2.14	0.58
26 05 19 16-0109	LF	5 Conductors, #10 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	2.73	0.62
26 05 19 16-0110	LF	6 Conductors, #10 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	4.31	0.64
26 05 19 16-0111	LF	7 Conductors, #10 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	5.02	0.66
26 05 19 16-0112	LF	10 Conductors, #10 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	6.41	0.71
26 05 19 16-0113	LF	12 Conductors, #10 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	7.30	0.73
26 05 19 16-0114	LF	16 Conductors, #10 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	9.23	0.76
26 05 19 16-0115	LF	20 Conductors, #10 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron)	13.30	0.80
26 05 19 16-0116		**#8 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord** *(26 05 19 16-0035)*		
26 05 19 16-0117	LF	3 Conductors, #8 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	3.64	0.69
26 05 19 16-0118	LF	4 Conductors, #8 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	3.93	0.81
26 05 19 16-0119	LF	5 Conductors, #8 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	5.24	0.81
26 05 19 16-0120		**#6 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord** *(26 05 19 16-0035)*		
26 05 19 16-0121	LF	3 Conductors, #6 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	5.08	0.81
26 05 19 16-0122	LF	4 Conductors, #6 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	6.12	0.93
26 05 19 16-0123	LF	5 Conductors, #6 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	7.35	1.16
26 05 19 16-0124		**#4 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord** *(26 05 19 16-0035)*		
26 05 19 16-0125	LF	3 Conductors, #4 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	8.03	1.16
26 05 19 16-0126	LF	4 Conductors, #4 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	8.78	1.27
26 05 19 16-0127	LF	5 Conductors, #4 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	10.54	1.39
26 05 19 16-0128		**#2 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord** *(26 05 19 16-0035)*		
26 05 19 16-0129	LF	3 Conductors, #2 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	12.39	2.32
26 05 19 16-0130	LF	4 Conductors, #2 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	15.73	2.90
26 05 19 16-0131	LF	5 Conductors, #2 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene)	19.24	3.83
26 05 19 16-0132		**300 Volt, 105 Degree Celsius, Multi-Conductor Type SJOOW Cord** *(26 05 19 16-0013)*		
26 05 19 16-0133		**#18 AWG, 300 Volt, Multi-Conductor Type SJOOW Cord** *(26 05 19 16-0132)*		
26 05 19 16-0134	LF	2 Conductors, #18 AWG, 300 Volt, 105 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Super Vu-Tron III)	1.40	0.46
26 05 19 16-0135	LF	3 Conductors, #18 AWG, 300 Volt, 105 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Super Vu-Tron III)	1.51	0.46
26 05 19 16-0136	LF	4 Conductors, #18 AWG, 300 Volt, 105 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Super Vu-Tron III)	1.74	0.46
26 05 19 16-0137		**#16 AWG, 300 Volt, Multi-Conductor Type SJOOW Cord** *(26 05 19 16-0132)*		
26 05 19 16-0138	LF	2 Conductors, #16 AWG, 300 Volt, 105 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Super Vu-Tron III)	1.47	0.46
26 05 19 16-0139	LF	3 Conductors, #16 AWG, 300 Volt, 105 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Super Vu-Tron III)	1.65	0.46
26 05 19 16-0140	LF	4 Conductors, #16 AWG, 300 Volt, 105 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Super Vu-Tron III)	1.73	0.46
26 05 19 16-0141		**#14 AWG, 300 Volt, Multi-Conductor Type SJOOW Cord** *(26 05 19 16-0132)*		
26 05 19 16-0142	LF	2 Conductors, #14 AWG, 300 Volt, 105 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Super Vu-Tron III)	1.92	0.46

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0143	LF	3 Conductors, #14 AWG, 300 Volt, 105 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Super Vu-Tron III)	2.66	0.46
26 05 19 16-0144	LF	4 Conductors, #14 AWG, 300 Volt, 105 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Super Vu-Tron III)	3.36	0.58
26 05 19 16-0145		600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord *(26 05 19 16-0013)*		
26 05 19 16-0146		#18 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord *(26 05 19 16-0145)*		
26 05 19 16-0147	LF	2 Conductors, #18 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III)	1.87	0.46
26 05 19 16-0148	LF	3 Conductors, #18 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III)	2.18	0.46
26 05 19 16-0149	LF	4 Conductors, #18 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III)	2.50	0.46
26 05 19 16-0150		#16 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord *(26 05 19 16-0145)*		
26 05 19 16-0151	LF	2 Conductors, #16 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III)	1.98	0.46
26 05 19 16-0152	LF	3 Conductors, #16 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III)	2.29	0.46
26 05 19 16-0153	LF	4 Conductors, #16 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III)	2.80	0.46
26 05 19 16-0154	LF	5 Conductors, #16 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III)	3.03	0.58
26 05 19 16-0155		#14 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord *(26 05 19 16-0145)*		
26 05 19 16-0156	LF	3 Conductors, #14 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III)	2.37	0.46
26 05 19 16-0157	LF	4 Conductors, #14 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III)	2.78	0.46
26 05 19 16-0158	LF	5 Conductors, #14 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III)	3.10	0.58
26 05 19 16-0159		#12 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord *(26 05 19 16-0145)*		
26 05 19 16-0160	LF	3 Conductors, #12 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III)	2.76	0.46
26 05 19 16-0161	LF	4 Conductors, #12 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III)	3.12	0.46
26 05 19 16-0162	LF	5 Conductors, #12 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III)	3.47	0.58
26 05 19 16-0163		#10 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord *(26 05 19 16-0145)*		
26 05 19 16-0164	LF	3 Conductors, #10 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III)	3.14	0.58
26 05 19 16-0165	LF	4 Conductors, #10 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III)	3.47	0.58
26 05 19 16-0166	LF	5 Conductors, #10 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III)	3.80	0.58
26 05 19 16-0167		Multi-Conductor Type SEOW Cord *(26 05 19 16-0012)* Note: Includes thermoplastic elastomeric (TPE) insulation.		
26 05 19 16-0168		600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord *(26 05 19 16-0167)*		
26 05 19 16-0169		#16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord *(26 05 19 16-0168)*		
26 05 19 16-0170	LF	3 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord	1.48	0.46
26 05 19 16-0171	LF	4 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord	1.61	0.46
26 05 19 16-0172	LF	5 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord	2.32	0.58
26 05 19 16-0173		#14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord *(26 05 19 16-0168)*		
26 05 19 16-0174	LF	3 Conductors, #14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord	1.86	0.46
26 05 19 16-0175	LF	4 Conductors, #14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord	2.10	0.46
26 05 19 16-0176	LF	5 Conductors, #14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord	2.92	0.58
26 05 19 16-0177		#12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord *(26 05 19 16-0168)*		
26 05 19 16-0178	LF	3 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord	2.25	0.46

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26 05 19 16-0179	LF	4 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord	2.55	0.46
26 05 19 16-0180	LF	5 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord	3.17	0.58
26 05 19 16-0181		**#10 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord** *(26 05 19 16-0168)*		
26 05 19 16-0182	LF	3 Conductors, #10 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord	2.80	0.58
26 05 19 16-0183	LF	4 Conductors, #10 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord	3.17	0.58
26 05 19 16-0184	LF	5 Conductors, #10 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord	3.39	0.58
26 05 19 16-0185		**Multi-Conductor Type W Cord** *(26 05 19 16-0012)* Note: Includes ethylene propylene diene monomer (EPDM) rubber insulation.		
26 05 19 16-0186		**2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord** *(26 05 19 16-0185)*		
26 05 19 16-0187		**#8 AWG, 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord** *(26 05 19 16-0186)*		
26 05 19 16-0188	LF	3 Conductors, #8 AWG, 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord (Carol Super Vu-Tron)	3.95	0.69
26 05 19 16-0189	LF	4 Conductors, #8 AWG, 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord (Carol Super Vu-Tron)	4.22	0.81
26 05 19 16-0190	LF	5 Conductors, #8 AWG, 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord (Carol Super Vu-Tron)	4.95	0.81
26 05 19 16-0191		**#6 AWG, 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord** *(26 05 19 16-0186)*		
26 05 19 16-0192	LF	3 Conductors, #6 AWG, 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord (Carol Super Vu-Tron)	4.25	0.81
26 05 19 16-0193	LF	4 Conductors, #6 AWG, 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord (Carol Super Vu-Tron)	5.06	0.93
26 05 19 16-0194	LF	5 Conductors, #6 AWG, 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord (Carol Super Vu-Tron)	6.27	1.16
26 05 19 16-0195		**#4 AWG, 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord** *(26 05 19 16-0186)*		
26 05 19 16-0196	LF	3 Conductors, #4 AWG, 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord (Carol Super Vu-Tron)	5.61	0.81
26 05 19 16-0197	LF	4 Conductors, #4 AWG, 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord (Carol Super Vu-Tron)	6.63	0.93
26 05 19 16-0198	LF	5 Conductors, #4 AWG, 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord (Carol Super Vu-Tron)	8.48	1.16
26 05 19 16-0199		**Cord Grips, Cable Reels, Extension Cords, And Accessories** *(26 05 19 16-0011)*		
26 05 19 16-0200		**Cord Grips** *(26 05 19 16-0199)*		
26 05 19 16-0201	EA	Cord Grip With Watertight Connector For 1/2" NPT Zinc Plated Steel	73.91	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.07*	
26 05 19 16-0202	EA	Cord Grip With Watertight Connector For 3/4" NPT Zinc Plated Steel	74.32	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.07*	
26 05 19 16-0203		**Cable Reels** *(26 05 19 16-0199)* Note: Includes handling, mounting, electrical connections and installing cord. See CSI section 26 05 19 16-0011 for cords.		
26 05 19 16-0204	EA	30', 16-3, SJO, Extension Cord Reel (Cox Reels PC10-3016-A)	674.11	57.95
26 05 19 16-0205	EA	50', 10-4, SEOOW, Extension Cord Reel (Reelcraft L 7050 104 X 1)	1,873.44	57.95
26 05 19 16-0206	EA	50', 16-3, SOOW, Extension Cord Reel (KH Industries RTFD3L-WW-B16K)	1,399.35	57.95
26 05 19 16-0207		**Extension Cords For Cable Reel** *(26 05 19 16-0199)*		
26 05 19 16-0208	EA	100 LF, 120 Volt, 12 Gauge, 3 Wire, Extension Cord	204.65	
26 05 19 16-0209	EA	100 LF, 240 Volt, 10 Gauge, 3 Wire, Extension Cord	292.11	
26 05 19 16-0210		**Plugs And Connector Bodies** *(26 05 19 16-0199)* Note: Up to 277 volt		
26 05 19 16-0211		**NEMA Twist-Lock Plugs** *(26 05 19 16-0210)*		
26 05 19 16-0212	EA	15 Amperes, 2 Pole 2 Wire, NEMA Twist-Lock Plug (Hubbell HBL7545C)	78.34	
26 05 19 16-0213	EA	15 Amperes, 2 Pole 3 Wire, NEMA Twist-Lock Plug (Hubbell HBL4770CBK)	79.91	
26 05 19 16-0214	EA	20 Amperes, 2 Pole 2 Wire, NEMA Twist-Lock Plug (Hubbell HBL7102C)	73.31	
26 05 19 16-0215	EA	20 Amperes, 2 Pole 3 Wire, NEMA Twist-Lock Plug (Hubbell HBL2331)	78.14	
26 05 19 16-0216	EA	20 Amperes, 3 Pole 4 Wire, NEMA Twist-Lock Plug (Hubbell HBL2411)	100.82	
26 05 19 16-0217	EA	20 Amperes, 4 Pole 4 Wire, NEMA Twist-Lock Plug (Hubbell HBL2441)	106.97	
26 05 19 16-0218	EA	20 Amperes, 4 Pole 5 Wire, NEMA Twist-Lock Plug (Hubbell HBL2511BK)	112.98	
26 05 19 16-0219	EA	30 Amperes, 2 Pole 3 Wire, NEMA Twist-Lock Plug (Hubbell HBL2611BK)	101.74	
26 05 19 16-0220	EA	30 Amperes, 3 Pole 4 Wire, NEMA Twist-Lock Plug (Hubbell HBL2711BK)	116.51	
26 05 19 16-0221	EA	30 Amperes, 4 Pole 4 Wire, NEMA Twist-Lock Plug (Hubbell HBL2761)	119.38	
26 05 19 16-0222	EA	30 Amperes, 4 Pole 5 Wire, NEMA Twist-Lock Plug (Hubbell HBL2811BK)	123.04	
26 05 19 16-0223		**NEMA Twist-Lock Connector Bodies** *(26 05 19 16-0210)*		
26 05 19 16-0224	EA	15 Amperes, 2 Pole 2 Wire, NEMA Twist-Lock Connector Body (Hubbell HBL7506C)	82.78	
26 05 19 16-0225	EA	15 Amperes, 2 Pole 3 Wire, NEMA Twist-Lock Connector Body (Hubbell HBL4779C)	88.34	
26 05 19 16-0226	EA	20 Amperes, 2 Pole 2 Wire, NEMA Twist-Lock Connector Body (Hubbell HBL7101C)	76.64	
26 05 19 16-0227	EA	20 Amperes, 2 Pole 3 Wire, NEMA Twist-Lock Connector Body (Hubbell HBL2323BK)	101.74	
26 05 19 16-0228	EA	20 Amperes, 3 Pole 4 Wire, NEMA Twist-Lock Connector Body (Hubbell HBL2413BK)	117.95	
26 05 19 16-0229	EA	20 Amperes, 4 Pole 4 Wire, NEMA Twist-Lock Connector Body (Hubbell HBL2443)	125.79	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0230	EA	20 Amperes, 4 Pole 5 Wire, NEMA Twist-Lock Connector Body (Hubbell HBL2513BK)	152.19	
26 05 19 16-0231	EA	30 Amperes, 2 Pole 3 Wire, NEMA Twist-Lock Connector Body (Hubbell HBL2623BK)	145.53	
26 05 19 16-0232	EA	30 Amperes, 3 Pole 4 Wire, NEMA Twist-Lock Connector Body (Hubbell HBL2713BK)	178.60	
26 05 19 16-0233	EA	30 Amperes, 4 Pole 4 Wire, NEMA Twist-Lock Connector Body (Hubbell HBL2753)	187.35	
26 05 19 16-0234	EA	30 Amperes, 4 Pole 5 Wire, NEMA Twist-Lock Connector Body (Hubbell HBL2813BK)	177.81	
26 05 19 16-0235		**Watertight Pin And Sleeve Plug** *(26 05 19 16-0210)*		
26 05 19 16-0236	EA	20 Amperes, 2 Pole, 3 Wire, 125 Volt, Watertight Pin And Sleeve Plug (Hubbell 320P4W)	265.31	34.77
26 05 19 16-0237	EA	20 Amperes, 2 Pole, 3 Wire, 250 Volt, Watertight Pin And Sleeve Plug (Hubbell 320P6W)	268.15	34.77
26 05 19 16-0238	EA	20 Amperes, 2 Pole, 3 Wire, 480 Volt, Watertight Pin And Sleeve Plug (Hubbell 320P7W)	290.19	34.77
26 05 19 16-0239	EA	20 Amperes, 3 Pole, 4 Wire, 125/250 Volt, Watertight Pin And Sleeve Plug (Hubbell 420P12W)	290.51	38.25
26 05 19 16-0240	EA	20 Amperes, 3 Pole, 4 Wire, 250 Volt, Watertight Pin And Sleeve Plug (Hubbell 420P9W)	286.23	38.25
26 05 19 16-0241	EA	20 Amperes, Pole, 4 Wire, 480 Volt, Watertight Pin And Sleeve Plug (Hubbell 420P7W)	287.50	38.25
26 05 19 16-0242	EA	30 Amperes, 2 Pole, 3 Wire, 125 Volt, Watertight Pin And Sleeve Plug (Hubbell 330P4W)	405.20	42.77
26 05 19 16-0243	EA	30 Amperes, 2 Pole, 3 Wire, 250 Volt, Watertight Pin And Sleeve Plug (Hubbell 330P6W)	394.55	42.77
26 05 19 16-0244	EA	30 Amperes, 2 Pole, 3 Wire, 480 Volt, Watertight Pin And Sleeve Plug (Hubbell 330P7W)	440.30	42.77
26 05 19 16-0245	EA	30 Amperes, 3 Pole, 4 Wire, 125/250 Volt, Watertight Pin And Sleeve Plug (Hubbell 430P12W)	432.35	46.94
26 05 19 16-0246	EA	30 Amperes, 3 Pole, 4 Wire, 250 Volt, Watertight Pin And Sleeve Plug (Hubbell 430P9W)	413.85	46.94
26 05 19 16-0247	EA	30 Amperes, 3 Pole, 4 Wire, 480 Volt, Watertight Pin And Sleeve Plug (Hubbell 430P7W)	426.58	46.94
26 05 19 16-0248	EA	60 Amperes, 2 Pole, 3 Wire, 125 Volt, Watertight Pin And Sleeve Plug (Hubbell 360P4W)	550.68	55.64
26 05 19 16-0249	EA	60 Amperes, 2 Pole, 3 Wire, 250 Volt, Watertight Pin And Sleeve Plug (Hubbell 360P6W)	560.82	55.64
26 05 19 16-0250	EA	60 Amperes, 2 Pole, 3 Wire, 480 Volt, Watertight Pin And Sleeve Plug (Hubbell 360P7W)	536.77	55.64
26 05 19 16-0251	EA	60 Amperes, 3 Pole, 4 Wire, 125/250 Volt, Watertight Pin And Sleeve Plug (Hubbell 460P12W)	611.37	61.89
26 05 19 16-0252	EA	60 Amperes, 3 Pole, 4 Wire, 250 Volt, Watertight Pin And Sleeve Plug (Hubbell 460P9W)	595.58	61.89
26 05 19 16-0253	EA	60 Amperes, 3 Pole, 4 Wire, 480 Volt, Watertight Pin And Sleeve Plug (Hubbell 460P7W)	602.41	61.89
26 05 19 16-0254	EA	100 Amperes, 2 Pole, 3 Wire, 250 Volt, Watertight Pin And Sleeve Plug (Hubbell 3100P6W)	756.03	69.54
26 05 19 16-0255	EA	100 Amperes, 2 Pole, 3 Wire, 480 Volt, Watertight Pin And Sleeve Plug (Hubbell 3100P7W)	795.21	69.54
26 05 19 16-0256	EA	100 Amperes, 3 Pole, 4 Wire, 125/250 Volt, Watertight Pin And Sleeve Plug (Hubbell 4100P12W)	774.87	76.50
26 05 19 16-0257	EA	100 Amperes, 3 Pole, 4 Wire, 250 Volt, Watertight Pin And Sleeve Plug (Hubbell 4100P9W)	761.50	76.50
26 05 19 16-0258	EA	100 Amperes, 3 Pole, 4 Wire, 480 Volt, Watertight Pin And Sleeve Plug (Hubbell 4100P7W)	768.72	76.50
26 05 19 16-0259		**Watertight Pin And Sleeve Connector** *(26 05 19 16-0210)*		
26 05 19 16-0260	EA	20 Amperes, 2 Pole, 3 Wire, 125 Volt, Watertight Pin And Sleeve Connector (Hubbell 320C4W)	281.63	34.77
26 05 19 16-0261	EA	20 Amperes, 2 Pole, 3 Wire, 250 Volt, Watertight Pin And Sleeve Connector (Hubbell 320C6W)	283.60	34.77
26 05 19 16-0262	EA	20 Amperes, 2 Pole, 3 Wire, 480 Volt, Watertight Pin And Sleeve Connector (Hubbell 320C7W)	334.37	34.77
26 05 19 16-0263	EA	20 Amperes, 3 Pole, 4 Wire, 125/250 Volt, Watertight Pin And Sleeve Connector (Hubbell 420C12W)	331.65	38.25
26 05 19 16-0264	EA	20 Amperes, 3 Pole, 4 Wire, 250 Volt, Watertight Pin And Sleeve Connector (Hubbell 420C9W)	326.50	38.25
26 05 19 16-0265	EA	20 Amperes, 3 Pole, 4 Wire, 480 Volt, Watertight Pin And Sleeve Connector (Hubbell 420C7W)	331.16	38.25
26 05 19 16-0266	EA	30 Amperes, 2 Pole, 3 Wire, 125 Volt, Watertight Pin And Sleeve Connector (Hubbell 330C4W)	414.96	42.77
26 05 19 16-0267	EA	30 Amperes, 2 Pole, 3 Wire, 250 Volt, Watertight Pin And Sleeve Connector (Hubbell 330C6W)	414.85	42.77
26 05 19 16-0268	EA	30 Amperes, 2 Pole, 3 Wire, 480 Volt, Watertight Pin And Sleeve Connector (Hubbell 330C7W)	432.36	42.77
26 05 19 16-0269	EA	30 Amperes, 3 Pole, 4 Wire, 125/250 Volt, Watertight Pin And Sleeve Connector (Hubbell 430C12W)	427.60	46.94
26 05 19 16-0270	EA	30 Amperes, 3 Pole, 4 Wire, 250 Volt, Watertight Pin And Sleeve Connector (Hubbell 430C9W)	431.20	46.94
26 05 19 16-0271	EA	30 Amperes, 3 Pole, 4 Wire, 480 Volt, Watertight Pin And Sleeve Connector (Hubbell 430C7W)	427.40	46.94
26 05 19 16-0272	EA	60 Amperes, 2 Pole, 3 Wire, 125 Volt, Watertight Pin And Sleeve Connector (Hubbell 360C4W)	650.75	55.64
26 05 19 16-0273	EA	60 Amperes, 2 Pole, 3 Wire, 250 Volt, Watertight Pin And Sleeve Connector (Hubbell 360C6W)	629.30	55.64
26 05 19 16-0274	EA	60 Amperes, 2 Pole, 3 Wire, 480 Volt, Watertight Pin And Sleeve Connector (Hubbell 360C7W)	616.52	55.64
26 05 19 16-0275	EA	60 Amperes, 3 Pole, 4 Wire, 125/250 Volt, Watertight Pin And Sleeve Connector (Hubbell 460C12W)	670.93	61.89
26 05 19 16-0276	EA	60 Amperes, 3 Pole, 4 Wire, 250 Volt, Watertight Pin And Sleeve Connector (Hubbell 460C9W)	689.57	61.89
26 05 19 16-0277	EA	60 Amperes, 3 Pole, 4 Wire, 480 Volt, Watertight Pin And Sleeve Connector (Hubbell 460C7W)	690.94	61.89
26 05 19 16-0278	EA	100 Amperes, 2 Pole, 3 Wire, 250 Volt, Watertight Pin And Sleeve Connector (Hubbell 3100C6W)	865.80	69.54
26 05 19 16-0279	EA	100 Amperes, 2 Pole, 3 Wire, 480 Volt, Watertight Pin And Sleeve Connector (Hubbell 3100C7W)	890.40	69.54
26 05 19 16-0280	EA	100 Amperes, 3 Pole, 4 Wire, 125/250 Volt, Watertight Pin And Sleeve Connector (Hubbell 4100C12W)	962.09	76.50
26 05 19 16-0281	EA	100 Amperes, 3 Pole, 4 Wire, 250 Volt, Watertight Pin And Sleeve Connector (Hubbell 4100C9W)	928.30	76.50
26 05 19 16-0282	EA	100 Amperes, 3 Pole, 4 Wire, 480 Volt, Watertight Pin And Sleeve Connector (Hubbell 4100C7W)	939.82	76.50
26 05 19 16-0283		**Accessories** *(26 05 19 16-0199)*		
26 05 19 16-0284	EA	1/2" Straight Steel Cord Connector	61.45	11.59
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.95*	
26 05 19 16-0285	EA	1/2" Straight Nylon Cord Connector	36.52	8.69
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.22*	
26 05 19 16-0286	EA	1/2" 90 Degree Steel Cord Connector	70.11	14.48
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.69*	
26 05 19 16-0287	EA	1/2" 90 Degree Nylon Cord Connector	43.74	11.59
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.95*	
26 05 19 16-0288	EA	1/2" Straight Steel Cord Connector With Strain Relief Mesh	69.16	14.48
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.69*	
26 05 19 16-0289	EA	1/2" 90 Degree Steel Cord Connector With Strain Relief Mesh	121.14	17.39
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.43*	
26 05 19 16-0290	EA	1/2" Straight Nylon Cord Connector With Strain Relief Mesh	43.01	11.59
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.95*	
26 05 19 16-0291	EA	1/2" 90 Degree Nylon Cord Connector With Strain Relief Mesh	73.59	14.48
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.69*	
26 05 19 16-0292	EA	3/4" Straight Steel Cord Connector	64.14	11.59
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.95*	
26 05 19 16-0293	EA	3/4" Straight Nylon Cord Connector	37.87	8.69
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0294	EA	3/4" 90 Degree Steel Cord Connector	78.52	14.48
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.69*	
26 05 19 16-0295	EA	3/4" 90 Degree Nylon Cord Connector	47.95	11.59
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.95*	
26 05 19 16-0296	EA	3/4" Straight Steel Cord Connector With Strain Relief Mesh	77.78	17.39
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.43*	
26 05 19 16-0297	EA	3/4" 90 Degree Steel Cord Connector With Strain Relief Mesh	92.59	20.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.17*	
26 05 19 16-0298	EA	3/4" Straight Nylon Cord Connector With Strain Relief Mesh	51.64	14.48
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.69*	
26 05 19 16-0299	EA	3/4" 90 Degree Nylon Cord Connector With Strain Relief Mesh	62.39	17.39
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.43*	
26 05 19 16-0300	EA	1" Straight Steel Cord Connector	81.42	11.59
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.95*	
26 05 19 16-0301	EA	1" Straight Nylon Cord Connector	46.51	8.69
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.22*	
26 05 19 16-0302	EA	1" 90 Degree Steel Cord Connector	89.94	14.48
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.69*	
26 05 19 16-0303	EA	1" 90 Degree Nylon Cord Connector	53.66	11.59
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.95*	
26 05 19 16-0304	EA	1" Straight Steel Cord Connector With Strain Relief Mesh	95.93	17.39
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.43*	
26 05 19 16-0305	EA	1" 90 Degree Steel Cord Connector With Strain Relief Mesh	104.57	20.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.17*	
26 05 19 16-0306	EA	1" Straight Nylon Cord Connector With Strain Relief Mesh	60.85	14.48
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.69*	
26 05 19 16-0307	EA	1" 90 Degree Nylon Cord Connector With Strain Relief Mesh	70.18	17.39
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.43*	

26 05 19 16-0308 600 Volt Wire *(26 05 19 16-0010)*

26 05 19 16-0309 Single Solid Conductor, Copper *(26 05 19 16-0308)*

26 05 19 16-0310	MLF	#14 AWG,Type THHN-THWN, 600 Volt, Copper, Single Solid Cable, Installed In Conduit	636.61	256.99
26 05 19 16-0311	MLF	#12 AWG, Type THHN-THWN, 600 Volt, Copper, Single Solid Cable, Installed In Conduit	796.28	302.31
26 05 19 16-0312	MLF	#10 AWG,Type THHN-THWN, 600 Volt, Copper, Single Solid Cable, Installed In Conduit	984.26	369.65
26 05 19 16-0313	MLF	#14 AWG, Type XHHW, 600 Volt, Copper, Single Solid Cable, Installed In Conduit	816.64	256.99
26 05 19 16-0314	MLF	#12 AWG, Type XHHW, 600 Volt, Copper, Single Solid Cable, Installed In Conduit	986.59	302.31
26 05 19 16-0315	MLF	#10 AWG, Type XHHW, 600 Volt, Copper, Single Solid Cable, Installed In Conduit	1,182.88	369.65

26 05 19 16-0316 Power Cable, Stranded Conductor, Copper *(26 05 19 16-0308)*

26 05 19 16-0317 Power Cable, Stranded, Single Conductor, XHHW-2 *(26 05 19 16-0316)*

26 05 19 16-0318	MLF	#16 AWG, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit	667.25	211.77
26 05 19 16-0319	MLF	#14 AWG, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit	787.70	254.13
26 05 19 16-0320	MLF	#12 AWG, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit	969.67	296.49
26 05 19 16-0321	MLF	#10 AWG, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit	1,193.14	338.84
26 05 19 16-0322	MLF	#8 AWG, XLP (XHHW-2), 600 Volt, Copper, Single Stranded, Power Cable, Installed In Conduit	1,590.37	423.55
26 05 19 16-0323	MLF	#6 AWG, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit	2,149.41	508.26
26 05 19 16-0324	MLF	#4 AWG, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit	2,943.43	635.33
26 05 19 16-0325	MLF	#3 AWG, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit	3,483.00	720.04
26 05 19 16-0326	MLF	#2 AWG, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit	4,124.80	804.75
26 05 19 16-0327	MLF	#1 AWG, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit	5,114.96	889.46
26 05 19 16-0328	MLF	1/0 AWG, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit	6,137.54	1,016.53
26 05 19 16-0329	MLF	2/0 AWG, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit	7,353.30	1,143.59
26 05 19 16-0330	MLF	3/0 AWG, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit	8,803.04	1,270.65
26 05 19 16-0331	MLF	4/0 AWG, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit	10,550.88	1,397.72
26 05 19 16-0332	MLF	250 MCM, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit	11,180.79	1,524.79
26 05 19 16-0333	MLF	300 MCM, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit	13,259.86	1,651.86
26 05 19 16-0334	MLF	350 MCM, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit	14,145.00	1,778.91
26 05 19 16-0335	MLF	400 MCM, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit	15,823.35	1,905.98
26 05 19 16-0336	MLF	500 MCM, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit	18,325.18	2,033.05
26 05 19 16-0337	MLF	600 MCM, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit	21,106.20	2,202.47
26 05 19 16-0338	MLF	750 MCM, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit	32,096.19	2,456.60
26 05 19 16-0339	MLF	1,000 MCM, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit	45,280.48	2,880.15

26 05 19 16-0340 Power Cable, Stranded, Multi Conductor, XHHW-2 *(26 05 19 16-0316)*

26 05 19 16-0341	MLF	2 Conductors, #14 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	1,575.40	508.16
26 05 19 16-0342	MLF	3 Conductors, #14 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	1,939.56	593.08
26 05 19 16-0343	MLF	4 Conductors, #14 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	2,409.70	720.04
26 05 19 16-0344	MLF	6 Conductors, #14 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	2,872.33	783.25
26 05 19 16-0345	MLF	7 Conductors, #14 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	3,131.20	825.82
26 05 19 16-0346	MLF	9 Conductors, #14 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	3,647.36	910.43
26 05 19 16-0347	MLF	10 Conductors, #14 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	2,524.67	948.97
26 05 19 16-0348	MLF	12 Conductors, #14 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	4,422.79	1,037.71
26 05 19 16-0349	MLF	14 Conductors, #14 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	4,886.78	1,101.45
26 05 19 16-0350	MLF	24 Conductors, #14 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	7,151.55	1,397.83
26 05 19 16-0351	MLF	37 Conductors, #14 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	10,826.42	2,075.40
26 05 19 16-0352	MLF	2 Conductors, #12 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	1,939.59	593.08
26 05 19 16-0353	MLF	3 Conductors, #12 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	2,485.56	720.04

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0354		MLF	4 Conductors, #12 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	3,031.56	847.10
26 05 19 16-0355		MLF	2 Conductors, #10 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	2,597.26	762.07
26 05 19 16-0356		MLF	3 Conductors, #10 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	3,365.67	930.97
26 05 19 16-0357		MLF	4 Conductors, #10 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	4,349.55	1,186.16
26 05 19 16-0358		MLF	6 Conductors, #10 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	5,889.54	1,525.32
26 05 19 16-0359		MLF	9 Conductors, #10 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	7,985.45	1,948.44
26 05 19 16-0360		MLF	2 Conductors, #8 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	3,233.70	868.29
26 05 19 16-0361		MLF	3 Conductors, #8 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	4,135.79	1,016.53
26 05 19 16-0362		MLF	4 Conductors, #8 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	5,355.57	1,291.83
26 05 19 16-0363		MLF	2 Conductors, #6 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	4,193.04	974.17
26 05 19 16-0364		MLF	3 Conductors, #6 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	5,654.07	1,207.13
26 05 19 16-0365		MLF	4 Conductors, #6 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	7,236.98	1,488.78
26 05 19 16-0366		MLF	2 Conductors, #4 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	5,664.93	1,181.92
26 05 19 16-0367		MLF	3 Conductors, #4 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	7,445.04	1,351.87
26 05 19 16-0368		MLF	4 Conductors, #4 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	9,637.84	1,687.01
26 05 19 16-0369		MLF	2 Conductors, #2 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	7,824.97	1,439.65
26 05 19 16-0370		MLF	3 Conductors, #2 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	10,363.58	1,609.93
26 05 19 16-0371		MLF	4 Conductors, #2 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	13,746.13	2,117.76
26 05 19 16-0372		MLF	3 Conductors, #1 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	13,755.68	2,032.73
26 05 19 16-0373		MLF	4 Conductors, #1 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	17,915.78	2,540.26
26 05 19 16-0374		MLF	3 Conductors, 1/0 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	16,295.81	2,202.89
26 05 19 16-0375		MLF	3 Conductors, 2/0 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	19,833.54	2,540.26
26 05 19 16-0376		MLF	3 Conductors, 3/0 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	24,288.15	2,963.59
26 05 19 16-0377		MLF	4 Conductors, 3/0 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	32,031.39	3,810.38
26 05 19 16-0378		MLF	3 Conductors, 4/0 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	29,648.03	3,391.28
26 05 19 16-0379		MLF	3 Conductors, 250 MCM, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	31,632.27	3,810.38
26 05 19 16-0380		MLF	3 Conductors, 350 MCM, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	39,681.86	4,235.52
26 05 19 16-0381		MLF	3 Conductors, 500 MCM, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit	51,365.32	4,655.05

26 05 19 16-0382 Underground Feeder And Branch Circuit Suitable, Single Stranded Copper

(26 05 19 16-0308)

Note: Direct bury.

26 05 19 16-0383		MLF	#14 AWG, Type USE, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	964.48	
26 05 19 16-0384		MLF	#12 AWG, Type USE, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	1,135.77	
26 05 19 16-0385		MLF	#10 AWG, Type USE, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	1,432.28	
26 05 19 16-0386		MLF	#8 AWG, Type USE, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	1,890.25	
26 05 19 16-0387		MLF	#6 AWG, Type USE, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	2,667.55	
26 05 19 16-0388		MLF	#4 AWG, Type USE, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	3,522.68	
26 05 19 16-0389		MLF	#2 AWG, Type USE, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	5,120.54	
26 05 19 16-0390		MLF	#1 AWG, Type USE, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	6,396.69	
26 05 19 16-0391		MLF	1/0 AWG, Type USE, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	7,864.08	
26 05 19 16-0392		MLF	2/0 AWG, Type USE, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	9,549.80	
26 05 19 16-0393		MLF	3/0 AWG, Type USE, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	11,537.67	
26 05 19 16-0394		MLF	4/0 AWG, Type USE, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	13,042.52	
26 05 19 16-0395		MLF	250 MCM, Type USE, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	14,121.29	
26 05 19 16-0396		MLF	300 MCM, Type USE, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	16,947.13	
26 05 19 16-0397		MLF	350 MCM, Type USE, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	18,963.66	
26 05 19 16-0398		MLF	400 MCM, Type USE, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	21,327.44	
26 05 19 16-0399		MLF	500 MCM, Type USE, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	25,312.98	
26 05 19 16-0400		MLF	600 MCM, Type USE, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	29,932.77	
26 05 19 16-0401		MLF	750 MCM, Type USE, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	47,835.98	
26 05 19 16-0402		MLF	#14 AWG, XLP (XHHW), 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	781.53	
26 05 19 16-0403		MLF	#12 AWG, XLP (XHHW), 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	936.91	
26 05 19 16-0404		MLF	#10 AWG, XLP (XHHW), 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	1,121.63	
26 05 19 16-0405		MLF	#8 AWG, XLP (XHHW), 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	1,375.88	
26 05 19 16-0406		MLF	#6 AWG, XLP (XHHW), 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	1,769.28	
26 05 19 16-0407		MLF	#4 AWG, XLP (XHHW), 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	2,352.42	
26 05 19 16-0408		MLF	#2 AWG, XLP (XHHW), 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	3,193.39	
26 05 19 16-0409		MLF	#1 AWG, XLP (XHHW), 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	3,777.80	
26 05 19 16-0410		MLF	1/0 AWG, XLP (XHHW), 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	4,276.39	
26 05 19 16-0411		MLF	2/0 AWG, XLP (XHHW), 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	4,819.74	
26 05 19 16-0412		MLF	3/0 AWG, XLP (XHHW), 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	5,600.33	
26 05 19 16-0413		MLF	4/0 AWG, XLP (XHHW), 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	6,543.82	
26 05 19 16-0414		MLF	250 MCM, XLP (XHHW), 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	7,422.01	
26 05 19 16-0415		MLF	300 MCM, XLP (XHHW), 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	8,348.26	
26 05 19 16-0416		MLF	350 MCM, XLP (XHHW), 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	9,353.51	
26 05 19 16-0417		MLF	400 MCM, XLP (XHHW), 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	10,393.14	
26 05 19 16-0418		MLF	500 MCM, XLP (XHHW), 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	12,103.19	
26 05 19 16-0419		MLF	750 MCM, XLP (XHHW), 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	20,232.25	
26 05 19 16-0420		MLF	#14 AWG, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	653.14	
26 05 19 16-0421		MLF	#12 AWG, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	812.31	
26 05 19 16-0422		MLF	#10 AWG, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	1,007.09	
26 05 19 16-0423		MLF	#8 AWG, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	1,415.78	
26 05 19 16-0424		MLF	#6 AWG, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	1,929.94	
26 05 19 16-0425		MLF	#4 AWG, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	2,555.82	
26 05 19 16-0426		MLF	#2 AWG, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	3,655.92	
26 05 19 16-0427		MLF	#1 AWG, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	4,358.81	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0428		MLF	1/0 AWG, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	5,071.17	
26 05 19 16-0429		MLF	2/0 AWG, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	5,758.62	
26 05 19 16-0430		MLF	3/0 AWG, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	6,840.13	
26 05 19 16-0431		MLF	4/0 AWG, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	8,156.82	
26 05 19 16-0432		MLF	250 MCM, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	9,582.07	
26 05 19 16-0433		MLF	300 MCM, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	11,067.45	
26 05 19 16-0434		MLF	350 MCM, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	12,664.77	
26 05 19 16-0435		MLF	400 MCM, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	14,205.62	
26 05 19 16-0436		MLF	500 MCM, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	16,882.94	
26 05 19 16-0437		MLF	600 MCM, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	20,308.48	
26 05 19 16-0438		MLF	750 MCM, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	32,166.65	
26 05 19 16-0439		MLF	#2 AWG, Type EPR, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	5,408.16	
26 05 19 16-0440		MLF	1/0 AWG, Type EPR, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	7,760.80	
26 05 19 16-0441		MLF	2/0 AWG, Type EPR, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	8,617.04	
26 05 19 16-0442		MLF	3/0 AWG, Type EPR, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	9,786.84	
26 05 19 16-0443		MLF	4/0 AWG, Type EPR, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	10,876.59	
26 05 19 16-0444		MLF	250 MCM,Type EPR, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	11,721.84	
26 05 19 16-0445		MLF	350 MCM, Type EPR, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	16,796.74	
26 05 19 16-0446		MLF	400 MCM, Type EPR, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	18,259.58	
26 05 19 16-0447		MLF	500 MCM, Type EPR, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	20,821.21	
26 05 19 16-0448			**600 Volt, Armored Cable, Copper Conductors** *(26 05 19 16-0308)*		
26 05 19 16-0449			**ACTHH, Solid** *(26 05 19 16-0448)*		
26 05 19 16-0450		MLF	1 Conductor, #8 AWG, Type ACT, Solid, Armored Cable	2,635.64	695.42
26 05 19 16-0451		MLF	1 Conductor, #6 AWG, Type ACT, Solid, Armored Cable	3,046.85	788.14
26 05 19 16-0452		MLF	1 Conductor, #4 AWG, Type ACT, Solid, Armored Cable	3,520.73	834.51
26 05 19 16-0453		MLF	2 Conductors, #14 AWG, Type ACTHH, Solid, Armored Cable	3,721.34	1,159.04
26 05 19 16-0454		MLF	2 Conductors, #12 AWG, Type ACTHH, Solid, Armored Cable	3,958.53	1,297.89
26 05 19 16-0455		MLF	2 Conductors, #10 AWG, Type ACTHH, Solid, Armored Cable	5,116.32	1,438.01
26 05 19 16-0456		MLF	2 Conductors, #8 AWG, Type ACTHH, Solid, Armored Cable	6,841.46	1,576.87
26 05 19 16-0457		MLF	3 Conductors, #14 AWG, Type ACTHH, Solid, Armored Cable	4,552.67	1,297.89
26 05 19 16-0458		MLF	3 Conductors, #12 AWG, Type ACTHH, Solid, Armored Cable	4,729.60	1,438.01
26 05 19 16-0459		MLF	3 Conductors, #10 AWG, Type ACTHH, Solid, Armored Cable	6,157.75	1,623.34
26 05 19 16-0460		MLF	3 Conductors, #8 AWG, Type ACTHH, Solid, Armored Cable	8,175.89	1,761.50
26 05 19 16-0461		MLF	4 Conductors, #14 AWG, Type ACTHH, Solid, Armored Cable	5,484.56	1,438.01
26 05 19 16-0462		MLF	4 Conductors, #12 AWG, Type ACTHH, Solid, Armored Cable	5,985.69	1,623.34
26 05 19 16-0463		MLF	4 Conductors, #10 AWG, Type ACTHH, Solid, Armored Cable	7,747.72	1,808.21
26 05 19 16-0464		MLF	4 Conductors, #8 AWG, Type ACTHH, Solid, Armored Cable	10,252.90	1,947.99
26 05 19 16-0465			**ACTHH, Stranded** *(26 05 19 16-0448)*		
26 05 19 16-0466		MLF	2 Conductors, #8 AWG, Type ACTHH, Stranded, Armored Cable	7,074.37	1,670.05
26 05 19 16-0467		MLF	2 Conductors, #6 AWG, Type ACTHH, Stranded, Armored Cable	8,699.08	1,900.00
26 05 19 16-0468		MLF	3 Conductors, #8 AWG, Type ACTHH, Stranded, Armored Cable	8,408.40	1,854.46
26 05 19 16-0469		MLF	3 Conductors, #6 AWG, Type ACTHH, Stranded, Armored Cable	10,673.67	2,084.64
26 05 19 16-0470		MLF	3 Conductors, #4 AWG, Type ACTHH, Stranded, Armored Cable	13,678.10	2,318.07
26 05 19 16-0471		MLF	3 Conductors, #3 AWG, Type ACTHH, Stranded, Armored Cable	15,788.60	2,547.33
26 05 19 16-0472		MLF	3 Conductors, #2 AWG, Type ACTHH, Stranded, Armored Cable	18,166.72	2,779.48
26 05 19 16-0473		MLF	4 Conductors, #8 AWG, Type ACTHH, Stranded, Armored Cable	10,944.59	2,224.65
26 05 19 16-0474		MLF	4 Conductors, #6 AWG, Type ACTHH, Stranded, Armored Cable	13,378.26	2,455.54
26 05 19 16-0475		MLF	4 Conductors, #4 AWG, Type ACTHH, Stranded, Armored Cable	17,462.59	2,689.20
26 05 19 16-0476		MLF	4 Conductors, #3 AWG, Type ACTHH, Stranded, Armored Cable	19,152.35	2,919.50
26 05 19 16-0477		MLF	4 Conductors, #2 AWG, Type ACTHH, Stranded, Armored Cable	22,892.99	3,149.56
26 05 19 16-0478			**HCFC, Solid** *(26 05 19 16-0448)*		
26 05 19 16-0479		MLF	2 Conductors, #14 AWG, Type HCF, Solid, Armored Cable	4,238.76	1,159.04
26 05 19 16-0480		MLF	2 Conductors, #12 AWG, Type HCF, Solid, Armored Cable	4,623.26	1,302.29
26 05 19 16-0481		MLF	2 Conductors, #10 AWG, Type HCF, Solid, Armored Cable	5,180.90	1,430.95
26 05 19 16-0482		MLF	3 Conductors, #14 AWG, Type HCF, Solid, Armored Cable	5,193.46	1,302.29
26 05 19 16-0483		MLF	3 Conductors, #12 AWG, Type HCF, Solid, Armored Cable	5,554.01	1,430.95
26 05 19 16-0484		MLF	3 Conductors, #10 AWG, Type HCF, Solid, Armored Cable	7,392.14	1,632.50
26 05 19 16-0485		MLF	4 Conductors, #14 AWG, Type HCF, Solid, Armored Cable	6,471.86	1,430.95
26 05 19 16-0486		MLF	4 Conductors, #12 AWG, Type HCF, Solid, Armored Cable	7,034.20	1,632.50
26 05 19 16-0487		MLF	4 Conductors, #10 AWG, Type HCF, Solid, Armored Cable	9,841.68	1,811.00
26 05 19 16-0488			**MC, Solid Or Stranded, Galvanized Steel Armor** *(26 05 19 16-0448)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0489	MLF	2 Conductors, #14 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable	3,696.09	1,159.04
26 05 19 16-0490	MLF	2 Conductors, #12 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable	4,124.18	1,302.29
26 05 19 16-0491	MLF	2 Conductors, #10 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable	5,029.47	1,430.95
26 05 19 16-0492	MLF	2 Conductors, #8 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable	6,592.94	1,529.11
26 05 19 16-0493	MLF	2 Conductors, #6 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable	8,360.20	1,621.03
26 05 19 16-0494	MLF	3 Conductors, #14 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable	4,288.45	1,302.29
26 05 19 16-0495	MLF	3 Conductors, #12 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable	4,859.13	1,430.95
26 05 19 16-0496	MLF	3 Conductors, #10 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable	6,274.32	1,632.50
26 05 19 16-0497	MLF	3 Conductors, #8 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable	8,347.15	1,761.50
26 05 19 16-0498	MLF	3 Conductors, #6 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable	9,847.76	1,900.00
26 05 19 16-0499	MLF	3 Conductors, #4 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable	12,353.89	2,040.60
26 05 19 16-0500	MLF	3 Conductors, #2 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable	17,436.54	2,178.64
26 05 19 16-0501	MLF	4 Conductors, #14 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable	5,014.57	1,430.95
26 05 19 16-0502	MLF	4 Conductors, #12 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable	5,748.38	1,632.50
26 05 19 16-0503	MLF	4 Conductors, #10 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable	9,042.34	1,811.00
26 05 19 16-0504	MLF	4 Conductors, #8 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable	12,515.94	1,994.93
26 05 19 16-0505	MLF	4 Conductors, #6 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable	15,462.75	2,134.48
26 05 19 16-0506	MLF	4 Conductors, #4 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable	20,702.44	2,272.63
26 05 19 16-0507	MLF	4 Conductors, #2 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable	27,034.50	2,409.63
26 05 19 16-0508		**MC, Solid Or Stranded, Aluminum Armor** *(26 05 19 16-0448)*		
26 05 19 16-0509	MLF	2 Conductors, #14 AWG, Type MC, Solid Or Stranded, Aluminum Armored Cable	3,660.74	1,159.04
26 05 19 16-0510	MLF	2 Conductors, #12 AWG, Type MC, Solid Or Stranded, Aluminum Armored Cable	4,032.53	1,302.29
26 05 19 16-0511	MLF	2 Conductors, #10 AWG, Type MC, Solid Or Stranded, Aluminum Armored Cable	4,948.41	1,430.95
26 05 19 16-0512	MLF	3 Conductors, #14 AWG, Type MC, Solid Or Stranded, Aluminum Armored Cable	4,436.07	1,302.29
26 05 19 16-0513	MLF	3 Conductors, #12 AWG, Type MC, Solid Or Stranded, Aluminum Armored Cable	4,777.69	1,430.95
26 05 19 16-0514	MLF	3 Conductors, #10 AWG, Type MC, Solid Or Stranded, Aluminum Armored Cable	6,209.92	1,632.50
26 05 19 16-0515	MLF	4 Conductors, #14 AWG, Type MC, Solid Or Stranded, Aluminum Armored Cable	5,716.39	1,430.95
26 05 19 16-0516	MLF	4 Conductors, #12 AWG, Type MC, Solid Or Stranded, Aluminum Armored Cable	6,257.04	1,632.50
26 05 19 16-0517	MLF	4 Conductors, #10 AWG, Type MC, Solid Or Stranded, Aluminum Armored Cable	9,042.34	1,811.00
26 05 19 16-0518		**FPLP Solid TFN Red Armored Cable** *(26 05 19 16-0448)*		
		Note: Color coded red.		
26 05 19 16-0519	MLF	#18/2 With Bare #18 Ground Type TFN FPLP Red Armored Cable	3,902.85	880.87
26 05 19 16-0520	MLF	#18/4 With Bare #18 Ground Type TFN FPLP Red Armored Cable	4,422.86	1,019.95
26 05 19 16-0521	MLF	#18/6 With Bare #18 Ground Type TFN FPLP Red Armored Cable	5,532.21	1,159.04
26 05 19 16-0522	MLF	#18/8 With Bare #18 Ground Type TFN FPLP Red Armored Cable	6,360.15	1,298.12
26 05 19 16-0523	MLF	#16/2 With Bare #16 Ground Type TFN FPLP Red Armored Cable	4,434.07	1,019.95
26 05 19 16-0524	MLF	#16/4 With Bare #16 Ground Type TFN FPLP Red Armored Cable	5,263.04	1,159.04
26 05 19 16-0525	MLF	#16/6 With Bare #16 Ground Type TFN FPLP Red Armored Cable	6,683.36	1,298.12
26 05 19 16-0526	MLF	#16/8 With Bare #16 Ground Type TFN FPLP Red Armored Cable	7,621.41	1,437.20
26 05 19 16-0527		**FPLP Solid THHN Red Armored Cable** *(26 05 19 16-0448)*		
		Note: Color coded red.		
26 05 19 16-0528	MLF	#14/2 With #14 Ground Type THHN FPLP Red Armored Cable	4,913.32	1,159.04
26 05 19 16-0529	MLF	#14/4 With #14 Ground Type THHN FPLP Red Armored Cable	6,167.44	1,298.12
26 05 19 16-0530	MLF	#14/6 With #14 Ground Type THHN FPLP Red Armored Cable	8,342.26	1,437.20
26 05 19 16-0531	MLF	#14/8 With #14 Ground Type THHN FPLP Red Armored Cable	9,714.66	1,576.28
26 05 19 16-0532	MLF	#12/2 With #12 Ground Type THHN FPLP Red Armored Cable	6,275.52	1,298.12
26 05 19 16-0533	MLF	#12/4 With #12 Ground Type THHN FPLP Red Armored Cable	7,749.88	1,437.20
26 05 19 16-0534		**FPLP Twisted Shielded Pair Red Armored Cable** *(26 05 19 16-0448)*		
		Note: Color coded red.		
26 05 19 16-0535	MLF	#18/2 With #18 Tinned Ground FPLP Twisted Shielded Pair Red Armored Cable	4,269.90	880.87
26 05 19 16-0536	MLF	#18/2 With #18 Tinned Ground And #14/2 With #14 Tinned Ground FPLP Twisted Shielded Pair Red Armored Cable	6,895.43	1,298.12
26 05 19 16-0537	MLF	#16/2 With #16 Tinned Ground FPLP Twisted Shielded Pair Red Armored Cable	5,281.35	1,019.95
26 05 19 16-0538	MLF	#16/4 With Two #16 Tinned Grounds FPLP Twisted Shielded Pair Red Armored Cable	6,260.20	1,159.04
26 05 19 16-0539	MLF	#16/2 With #16 Tinned Ground And #12/2 With #12 Ground FPLP Twisted Shielded Pair Red Armored Cable	8,787.82	1,437.20
26 05 19 16-0540	MLF	#14/2 With One #16 Tinned Ground And One #14 Ground FPLP Twisted Shielded Pair Red Armored Cable	6,181.37	1,205.40
26 05 19 16-0541	MLF	#14/4 With Two #16 Tinned Ground And One #14 Ground FPLP Twisted Shielded Pair Red Armored Cable	7,682.92	1,390.85
26 05 19 16-0542		**Armored Cable Connectors** *(26 05 19 16-0448)*		
26 05 19 16-0543	EA	3/4" Armored Cable Connector	7.12	2.54
		For Work In Restricted Working Space, Add	*1.91*	
		For Elevated Installation >10' To 15', Add	*0.64*	
		For Elevated Installation >15' To 20', Add	*1.27*	
		For Elevated Installation >20' To 25', Add	*1.59*	
		For Elevated Installation >25' To 30', Add	*2.23*	
		For Elevated Installation >30' To 35', Add	*2.54*	
		For Elevated Installation >35' To 40', Add	*3.18*	
		For Elevated Installation >40', Add	*3.50*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.91*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0544	EA	1" Armored Cable Connector	9.49	3.39
		For Work In Restricted Working Space, Add	*2.54*	
		For Elevated Installation >10' To 15', Add	*0.85*	
		For Elevated Installation >15' To 20', Add	*1.69*	
		For Elevated Installation >20' To 25', Add	*2.12*	
		For Elevated Installation >25' To 30', Add	*2.96*	
		For Elevated Installation >30' To 35', Add	*3.39*	
		For Elevated Installation >35' To 40', Add	*4.24*	
		For Elevated Installation >40', Add	*4.66*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.54*	
26 05 19 16-0545	EA	1-1/4" Armored Cable Connector	11.94	4.23
		For Work In Restricted Working Space, Add	*3.18*	
		For Elevated Installation >10' To 15', Add	*1.06*	
		For Elevated Installation >15' To 20', Add	*2.12*	
		For Elevated Installation >20' To 25', Add	*2.65*	
		For Elevated Installation >25' To 30', Add	*3.71*	
		For Elevated Installation >30' To 35', Add	*4.24*	
		For Elevated Installation >35' To 40', Add	*5.30*	
		For Elevated Installation >40', Add	*5.82*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.18*	

26 05 19 16-0546 600 Volt, Feeder Wire, Single Stranded Copper *(26 05 19 16-0308)*

26 05 19 16-0547	MLF	#14 AWG, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	882.41	169.74
		For EPR Insulation, Add	*37.06*	
		For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add	*86.48*	
26 05 19 16-0548	MLF	#12 AWG, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	993.09	187.95
		For EPR Insulation, Add	*37.78*	
		For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add	*88.15*	
26 05 19 16-0549	MLF	#10 AWG, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	1,214.83	234.96
		For EPR Insulation, Add	*55.16*	
		For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add	*128.71*	
26 05 19 16-0550	MLF	#8 AWG, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	1,663.43	373.78
		For EPR Insulation, Add	*90.68*	
		For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add	*211.59*	
26 05 19 16-0551	MLF	#6 AWG, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	2,286.53	448.54
		For EPR Insulation, Add	*152.38*	
		For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add	*355.56*	
26 05 19 16-0552	MLF	#4 AWG, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	3,125.21	520.75
		For EPR Insulation, Add	*230.53*	
		For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add	*537.91*	
26 05 19 16-0553	MLF	#3 AWG, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	3,566.36	596.04
		For EPR Insulation, Add	*264.94*	
		For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add	*618.19*	
26 05 19 16-0554	MLF	#2 AWG, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	4,507.99	671.33
		For EPR Insulation, Add	*374.42*	
		For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add	*873.64*	
26 05 19 16-0555	MLF	#1 AWG, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	5,596.32	747.68
		For EPR Insulation, Add	*505.90*	
		For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add	*1,180.43*	
26 05 19 16-0556	MLF	1/0 AWG, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	6,753.55	843.50
		For EPR Insulation, Add	*631.84*	
		For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add	*1,474.28*	
26 05 19 16-0557	MLF	2/0 AWG, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	8,153.85	935.41
		For EPR Insulation, Add	*794.23*	
		For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add	*1,853.21*	
26 05 19 16-0558	MLF	3/0 AWG, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	9,793.24	1,044.26
		For EPR Insulation, Add	*992.49*	
		For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add	*2,315.81*	
26 05 19 16-0559	MLF	4/0 AWG, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	11,050.43	1,161.06
		For EPR Insulation, Add	*1,133.42*	
		For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add	*2,644.64*	
26 05 19 16-0560	MLF	250 MCM, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	11,763.90	1,273.41
		For EPR Insulation, Add	*1,192.79*	
		For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add	*2,783.18*	
26 05 19 16-0561	MLF	300 MCM, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	13,897.31	1,399.84
		For EPR Insulation, Add	*1,465.15*	
		For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add	*3,418.68*	
26 05 19 16-0562	MLF	350 MCM, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	15,509.61	1,484.02
		For EPR Insulation, Add	*1,659.35*	
		For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add	*3,871.81*	
26 05 19 16-0563	MLF	400 MCM, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	17,386.51	1,658.63
		For EPR Insulation, Add	*1,893.23*	
		For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add	*4,417.54*	
26 05 19 16-0564	MLF	500 MCM, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	19,882.60	1,844.68
		For EPR Insulation, Add	*2,220.00*	
		For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add	*5,179.99*	
26 05 19 16-0565	MLF	600 MCM, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	23,298.56	1,919.22
		For EPR Insulation, Add	*2,668.86*	
		For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add	*6,227.34*	
26 05 19 16-0566	MLF	750 MCM, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	37,914.98	1,993.65
		For EPR Insulation, Add	*4,766.02*	
		For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add	*11,120.72*	
26 05 19 16-0567	MLF	1,000 MCM, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	47,790.02	2,130.26
		For EPR Insulation, Add	*6,183.74*	
		For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add	*14,428.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0568	MLF	#16 AWG, Type SFF-2, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	1,507.70	380.98
26 05 19 16-0569	MLF	#14 AWG, Type SFF-2, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	1,882.85	423.55
26 05 19 16-0570	MLF	#12 AWG, Type SFF-2, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	2,362.04	508.69
26 05 19 16-0571	MLF	#10 AWG, Type SFF-2, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	2,799.90	592.76
26 05 19 16-0572	MLF	#8 AWG, Type SFF-2, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	4,159.61	634.70
26 05 19 16-0573	MLF	#18 AWG, Type TFFN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	504.21	211.77
26 05 19 16-0574	MLF	#16 AWG, Type TFFN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	628.71	232.96
26 05 19 16-0575	MLF	#14 AWG, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	647.25	169.84
26 05 19 16-0576	MLF	#12 AWG, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	803.89	202.46
26 05 19 16-0577	MLF	#10 AWG, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	994.45	254.66
26 05 19 16-0578	MLF	#8 AWG, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	1,393.74	335.66
26 05 19 16-0579	MLF	#6 AWG, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	1,893.51	405.34
26 05 19 16-0580	MLF	#4 AWG, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	2,499.66	479.04
26 05 19 16-0581	MLF	#3 AWG, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	2,986.43	542.25
26 05 19 16-0582	MLF	#2 AWG, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	3,567.55	607.27
26 05 19 16-0583	MLF	#1 AWG, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	4,247.05	685.31
26 05 19 16-0584	MLF	1/0 AWG, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	4,940.62	750.43
26 05 19 16-0585	MLF	2/0 AWG, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	5,605.41	829.31
26 05 19 16-0586	MLF	3/0 AWG, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	6,645.51	877.18
26 05 19 16-0587	MLF	4/0 AWG, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	7,914.64	986.88
26 05 19 16-0588	MLF	250 MCM, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	9,287.13	1,049.88
26 05 19 16-0589	MLF	300 MCM, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	10,716.91	1,189.02
26 05 19 16-0590	MLF	350 MCM, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	12,253.31	1,315.87
26 05 19 16-0591	MLF	400 MCM, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	13,735.92	1,351.87
26 05 19 16-0592	MLF	500 MCM, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	16,300.85	1,430.23
26 05 19 16-0593	MLF	600 MCM, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	20,202.60	1,683.09
26 05 19 16-0594	MLF	750 MCM, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	30,907.17	1,993.65
26 05 19 16-0595	MLF	1,000 MCM, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	37,023.78	2,407.04
26 05 19 16-0596	MLF	#16 AWG, Type TGGT High Temperature, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	2,728.56	508.69
26 05 19 16-0597	MLF	#14 AWG, Type TGGT High Temperature, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	3,027.59	592.76
26 05 19 16-0598	MLF	#12 AWG, Type TGGT High Temperature, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	3,509.92	678.21
26 05 19 16-0599	MLF	#10 AWG, Type TGGT High Temperature, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	4,582.31	762.07
26 05 19 16-0600	MLF	#8 AWG, Type TGGT High Temperature, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	5,195.56	847.10
26 05 19 16-0601	MLF	#6 AWG, Type TGGT High Temperature, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	6,652.64	930.97

26 05 19 16-0602 600 Volt, Feeder Wire, Single Stranded Aluminum *(26 05 19 16-0308)*

26 05 19 16-0603	MLF	#6 AWG,Type THHN-THWN, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	1,303.90	342.38
26 05 19 16-0604	MLF	#4 AWG, Type THHN-THWN, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	1,547.45	398.12
26 05 19 16-0605	MLF	#2 AWG, Type THHN-THWN, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	2,027.05	511.05
26 05 19 16-0606	MLF	#1 AWG,Type THHN-THWN, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	2,524.25	570.67
26 05 19 16-0607	MLF	1/0 AWG,Type THHN-THWN, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	2,924.62	642.94
26 05 19 16-0608	MLF	2/0 AWG,Type THHN-THWN, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	3,330.68	709.63
26 05 19 16-0609	MLF	3/0 AWG,Type THHN-THWN, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	3,935.91	800.86
26 05 19 16-0610	MLF	4/0 AWG,Type THHN-THWN, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	4,357.67	883.56
26 05 19 16-0611	MLF	250 MCM,Type THHN-THWN, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	5,051.55	971.32
26 05 19 16-0612	MLF	300 MCM,Type THHN-THWN, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	6,264.11	1,056.30
26 05 19 16-0613	MLF	350 MCM,Type THHN-THWN, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	6,536.45	1,141.24
26 05 19 16-0614	MLF	400 MCM,Type THHN-THWN, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	7,479.79	1,269.37
26 05 19 16-0615	MLF	500 MCM,Type THHN-THWN, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	8,243.58	1,397.46
26 05 19 16-0616	MLF	600 MCM,Type THHN-THWN, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	10,087.89	1,627.89
26 05 19 16-0617	MLF	700 MCM,Type THHN-THWN, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	11,409.05	1,784.62
26 05 19 16-0618	MLF	750 MCM,Type THHN-THWN, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	11,645.16	1,850.77
26 05 19 16-0619	MLF	1,000 MCM,Type THHN-THWN, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	16,061.67	2,245.09
26 05 19 16-0620	MLF	#8 AWG, XHHW, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	1,511.67	376.01
26 05 19 16-0621	MLF	#6 AWG, XHHW, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	1,699.42	423.55
26 05 19 16-0622	MLF	#4 AWG, XHHW, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	2,092.20	521.07
26 05 19 16-0623	MLF	#2 AWG, XHHW, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	2,668.64	638.72
26 05 19 16-0624	MLF	#1 AWG, XHHW, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	3,449.36	751.91
26 05 19 16-0625	MLF	1/0 AWG, XHHW, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	4,002.19	847.42
26 05 19 16-0626	MLF	2/0 AWG, XHHW, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	4,579.05	941.24
26 05 19 16-0627	MLF	3/0 AWG, XHHW, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	5,332.37	1,026.90
26 05 19 16-0628	MLF	4/0 AWG, XHHW, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	5,804.84	1,092.87
26 05 19 16-0629	MLF	250 MCM, XHHW, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	6,674.42	1,169.33
26 05 19 16-0630	MLF	300 MCM, XHHW, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	8,314.23	1,253.19
26 05 19 16-0631	MLF	350 MCM, XHHW, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	8,651.25	1,353.78
26 05 19 16-0632	MLF	400 MCM, XHHW, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	9,848.58	1,476.29
26 05 19 16-0633	MLF	500 MCM, XHHW, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	11,027.65	1,694.21
26 05 19 16-0634	MLF	600 MCM, XHHW, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	13,063.32	1,782.95
26 05 19 16-0635	MLF	700 MCM, XHHW, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	14,633.91	1,879.72
26 05 19 16-0636	MLF	750 MCM, XHHW, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	15,030.29	1,997.69
26 05 19 16-0637	MLF	1,000 MCM, XHHW, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	21,940.52	2,799.68
26 05 19 16-0638	MLF	#6 AWG, XLPE-USE, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	1,757.61	423.55
26 05 19 16-0639	MLF	#4 AWG, XLPE-USE, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	2,200.66	520.97
26 05 19 16-0640	MLF	#2 AWG, XLPE-USE, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	2,756.85	639.57
26 05 19 16-0641	MLF	#1 AWG, XLPE-USE, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	3,526.07	747.68
26 05 19 16-0642	MLF	1/0 AWG, XLPE-USE, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	3,985.30	843.50
26 05 19 16-0643	MLF	2/0 AWG, XLPE-USE, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	4,534.58	935.41
26 05 19 16-0644	MLF	3/0 AWG, XLPE-USE, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	5,322.31	1,026.90
26 05 19 16-0645	MLF	4/0 AWG, XLPE-USE, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	5,846.56	1,092.87
26 05 19 16-0646	MLF	250 MCM, XLPE-USE, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	6,714.58	1,168.58

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0647	MLF	300 MCM, XLPE-USE, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	8,327.48	1,254.77
26 05 19 16-0648	MLF	350 MCM, XLPE-USE, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	8,779.20	1,355.58
26 05 19 16-0649	MLF	400 MCM, XLPE-USE, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	9,751.33	1,472.90
26 05 19 16-0650	MLF	500 MCM, XLPE-USE, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	11,222.81	1,694.21
26 05 19 16-0651	MLF	600 MCM, XLPE-USE, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	13,029.78	1,778.18
26 05 19 16-0652	MLF	700 MCM, XLPE-USE, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	14,561.48	1,879.72
26 05 19 16-0653	MLF	750 MCM, XLPE-USE, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	15,080.82	1,991.65

26 05 19 16-0654 Non-Metallic Sheathed Cable *(26 05 19 16-0308)*

26 05 19 16-0655 Indoor Installation *(26 05 19 16-0654)*

Note: For NM, NM-B, NMC-B and NMS-B.

26 05 19 16-0656	MLF	#14 AWG, 2 Conductors, 600 Volt, Type NM, Copper, Non-Metallic Sheathed Cable	2,973.45	804.65
		For Installation In Wood Stud Wall (Includes Drilling), Add	*301.74*	
26 05 19 16-0657	MLF	#14 AWG, 3 Conductors, 600 Volt, Type NM, Copper, Non-Metallic Sheathed Cable	3,754.26	974.17
		For Installation In Wood Stud Wall (Includes Drilling), Add	*365.33*	
26 05 19 16-0658	MLF	#14 AWG, 4 Conductors, 600 Volt, Type NM, Copper, Non-Metallic Sheathed Cable	5,770.36	1,077.94
		For Installation In Wood Stud Wall (Includes Drilling), Add	*404.23*	
26 05 19 16-0659	MLF	#12 AWG, 2 Conductors, 600 Volt, Type NM, Copper, Non-Metallic Sheathed Cable	3,831.10	914.87
		For Installation In Wood Stud Wall (Includes Drilling), Add	*325.61*	
26 05 19 16-0660	MLF	#12 AWG, 3 Conductors, 600 Volt, Type NM, Copper, Non-Metallic Sheathed Cable	5,678.62	1,016.31
		For Installation In Wood Stud Wall (Includes Drilling), Add	*381.13*	
26 05 19 16-0661	MLF	#12 AWG, 4 Conductors, 600 Volt, Type NM, Copper, Non-Metallic Sheathed Cable	7,690.54	1,135.11
		For Installation In Wood Stud Wall (Includes Drilling), Add	*425.67*	
26 05 19 16-0662	MLF	#10 AWG, 2 Conductors, 600 Volt, Type NM, Copper, Non-Metallic Sheathed Cable	4,833.01	1,016.84
		For Installation In Wood Stud Wall (Includes Drilling), Add	*381.33*	
26 05 19 16-0663	MLF	#10 AWG, 3 Conductors, 600 Volt, Type NM, Copper, Non-Metallic Sheathed Cable	7,963.93	1,186.16
		For Installation In Wood Stud Wall (Includes Drilling), Add	*444.81*	
26 05 19 16-0664	MLF	#10 AWG, 4 Conductors, 600 Volt, Type NM, Copper, Non-Metallic Sheathed Cable	9,536.12	1,355.37
		For Installation In Wood Stud Wall (Includes Drilling), Add	*508.26*	
26 05 19 16-0665	MLF	#8 AWG, 2 Conductors, 600 Volt, Type NM, Copper, Non-Metallic Sheathed Cable	9,630.22	1,217.71
		For Installation In Wood Stud Wall (Includes Drilling), Add	*433.61*	
26 05 19 16-0666	MLF	#8 AWG, 3 Conductors, 600 Volt, Type NM, Copper, Non-Metallic Sheathed Cable	12,356.32	1,471.84
		For Installation In Wood Stud Wall (Includes Drilling), Add	*524.15*	
26 05 19 16-0667	MLF	#6 AWG, 2 Conductors, 600 Volt, Type NM, Copper, Non-Metallic Sheathed Cable	12,767.74	1,387.13
		For Installation In Wood Stud Wall (Includes Drilling), Add	*492.38*	
26 05 19 16-0668	MLF	#6 AWG, 3 Conductors, 600 Volt, Type NM, Copper, Non-Metallic Sheathed Cable	17,166.03	1,673.03
		For Installation In Wood Stud Wall (Includes Drilling), Add	*595.62*	
26 05 19 16-0669	MLF	#4 AWG, 3 Conductors, 600 Volt, Type NM, Copper, Non-Metallic Sheathed Cable	41,067.52	1,842.45
		For Installation In Wood Stud Wall (Includes Drilling), Add	*655.18*	
26 05 19 16-0670	MLF	#2 AWG, 3 Conductors, 600 Volt, Type NM, Copper, Non-Metallic Sheathed Cable	48,005.73	2,001.29
		For Installation In Wood Stud Wall (Includes Drilling), Add	*714.74*	

26 05 19 16-0671 Direct Burial Cable *(26 05 19 16-0654)*

Note: Excludes trench and backfill. For NM, NM-B, NMC-B and NMS-B. Copper.

26 05 19 16-0672	MLF	#14 AWG, 2 Conductors, 600 Volt, Type UF Copper, Direct Burial Non-Metallic Sheathed Cable, Placed In Trench	2,386.86	
26 05 19 16-0673	MLF	#14 AWG, 3 Conductors, 600 Volt, Type UF Copper, Direct Burial Non-Metallic Sheathed Cable, Placed In Trench	3,108.40	
26 05 19 16-0674	MLF	#12 AWG, 2 Conductors, 600 Volt, Type UF Copper, Direct Burial Non-Metallic Sheathed Cable, Placed In Trench	3,025.62	
26 05 19 16-0675	MLF	#12 AWG, 3 Conductors, 600 Volt, Type UF Copper, Direct Burial Non-Metallic Sheathed Cable, Placed In Trench	3,865.37	
26 05 19 16-0676	MLF	#10 AWG, 2 Conductors, 600 Volt, Type UF Copper, Direct Burial Non-Metallic Sheathed Cable, Placed In Trench	3,283.30	
26 05 19 16-0677	MLF	#10 AWG, 3 Conductors, 600 Volt, Type UF Copper, Direct Burial Non-Metallic Sheathed Cable, Placed In Trench	4,688.75	
26 05 19 16-0678	MLF	#8 AWG, 2 Conductors, 600 Volt, Type UF Copper, Direct Burial Non-Metallic Sheathed Cable, Placed In Trench	5,044.54	
26 05 19 16-0679	MLF	#8 AWG, 3 Conductors, 600 Volt, Type UF Copper, Direct Burial Non-Metallic Sheathed Cable, Placed In Trench	6,445.22	
26 05 19 16-0680	MLF	#6 AWG, 2 Conductors, 600 Volt, Type UF Copper, Direct Burial Non-Metallic Sheathed Cable, Placed In Trench	6,349.41	
26 05 19 16-0681	MLF	#6 AWG, 3 Conductors, 600 Volt, Type UF Copper, Direct Burial Non-Metallic Sheathed Cable, Placed In Trench	8,334.86	

26 05 19 16-0682 SEU Cable Copper, 3 Conductor *(26 05 19 16-0654)*

26 05 19 16-0683	MLF	12-12-12 Cable SEU Copper	3,113.48	1,020.30
26 05 19 16-0684	MLF	10-10-10 Cable SEU Copper	3,903.64	1,159.04
26 05 19 16-0685	MLF	8-8-8 Cable SEU Copper	4,852.86	1,297.89
26 05 19 16-0686	MLF	6-6-8 Cable SEU Copper	5,855.58	1,391.43
26 05 19 16-0687	MLF	6-6-6 Cable SEU Copper	6,297.33	1,438.01
26 05 19 16-0688	MLF	4-4-6 Cable SEU Copper	7,671.96	1,576.87
26 05 19 16-0689	MLF	4-4-4 Cable SEU Copper	8,264.72	1,623.34
26 05 19 16-0690	MLF	3-3-5 Cable SEU Copper	9,619.85	1,761.50
26 05 19 16-0691	MLF	3-3-3 Cable SEU Copper	10,217.56	1,854.46
26 05 19 16-0692	MLF	2-2-4 Cable SEU Copper	10,914.40	1,947.99
26 05 19 16-0693	MLF	2-2-2 Cable SEU Copper	11,668.14	2,040.60
26 05 19 16-0694	MLF	1-1-1 Cable SEU Copper	14,278.94	2,318.07
26 05 19 16-0695	MLF	1/0-1/0-1/0 Cable SEU Copper	16,990.16	2,598.79
26 05 19 16-0696	MLF	2/0-2/0-2/0 Cable SEU Copper	20,455.97	2,926.92
26 05 19 16-0697	MLF	3/0-3/0-3/0 Cable SEU Copper	24,606.59	3,255.73
26 05 19 16-0698	MLF	4/0-4/0-4/0 Cable SEU Copper	27,499.13	3,633.34

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0699			**SEU Cable Aluminum, 3 Conductor** *(26 05 19 16-0654)*		
26 05 19 16-0700		MLF	8-8-8 Cable SEU Aluminum	4,488.64	1,302.29
26 05 19 16-0701		MLF	6-6-6 Cable SEU Aluminum	5,162.42	1,430.95
26 05 19 16-0702		MLF	4-4-6 Cable SEU Aluminum	5,832.20	1,566.32
26 05 19 16-0703		MLF	4-4-4 Cable SEU Aluminum	6,113.45	1,632.50
26 05 19 16-0704		MLF	2-2-4 Cable SEU Aluminum	7,332.80	1,931.77
26 05 19 16-0705		MLF	2-2-2 Cable SEU Aluminum	7,798.60	2,033.41
26 05 19 16-0706		MLF	1-1-1 Cable SEU Aluminum	9,474.55	2,318.07
26 05 19 16-0707		MLF	1/0-1/0-2 Cable SEU Aluminum	10,041.09	2,440.12
26 05 19 16-0708		MLF	1/0-1/0-1/0 Cable SEU Aluminum	12,539.63	2,575.60
26 05 19 16-0709		MLF	2/0-2/0-1 Cable SEU Aluminum	11,333.03	2,759.66
26 05 19 16-0710		MLF	2/0-2/0-2/0 Cable SEU Aluminum	11,987.41	2,897.59
26 05 19 16-0711		MLF	3/0-3/0-1/0 Cable SEU Aluminum	13,163.86	3,034.12
26 05 19 16-0712		MLF	3/0-3/0-3/0 Cable SEU Aluminum	14,105.94	3,219.57
26 05 19 16-0713		MLF	4/0-4/0-2/0 Cable SEU Aluminum	14,822.44	3,480.59
26 05 19 16-0714		MLF	4/0-4/0-4/0 Cable SEU Aluminum	15,700.99	3,621.98
26 05 19 16-0715			**SER Cable Copper, 4 Conductor** *(26 05 19 16-0654)*		
26 05 19 16-0716		MLF	6-6-6-6 Cable SER Copper	10,126.57	1,670.05
26 05 19 16-0717		MLF	4-4-4-6 Cable SER Copper	11,107.28	1,808.21
26 05 19 16-0718		MLF	3-3-3-5 Cable SER Copper	13,789.72	2,040.60
26 05 19 16-0719		MLF	2-2-2-4 Cable SER Copper	15,800.76	2,224.65
26 05 19 16-0720		MLF	1-1-1-3 Cable SER Copper	18,422.09	2,547.33
26 05 19 16-0721		MLF	1/0-1/0-1/0-2 Cable SER Copper	22,460.26	2,919.50
26 05 19 16-0722		MLF	2/0-2/0-2/0-1 Cable SER Copper	28,204.48	3,149.56
26 05 19 16-0723		MLF	3/0-3/0-3/0-1/0 Cable SER Copper	32,592.08	3,522.88
26 05 19 16-0724			**SER Cable Aluminum, 4 Conductor** *(26 05 19 16-0654)*		
26 05 19 16-0725		MLF	8-8-8-8 Cable SER Aluminum	5,062.88	1,558.78
26 05 19 16-0726		MLF	6-6-6-6 Cable SER Aluminum	5,511.36	1,670.05
26 05 19 16-0727		MLF	4-4-4-6 Cable SER Aluminum	6,151.89	1,808.21
26 05 19 16-0728		MLF	2-2-2-4 Cable SER Aluminum	7,734.41	2,224.65
26 05 19 16-0729		MLF	1-1-1-3 Cable SER Aluminum	9,274.58	2,547.33
26 05 19 16-0730		MLF	1/0-1/0-1/0-2 Cable SER Aluminum	10,489.53	2,919.50
26 05 19 16-0731		MLF	2/0-2/0-2/0-1 Cable SER Aluminum	11,703.35	3,149.56
26 05 19 16-0732		MLF	3/0-3/0-3/0-1/0 Cable SER Aluminum	13,306.27	3,522.88
26 05 19 16-0733		MLF	4/0-4/0-4/0-2/0 Cable SER Aluminum	15,089.26	3,925.53
26 05 19 16-0734			**Control Tray Cable, Low Voltage** *(26 05 19 16-0010)*		
			Note: Type "TC" multi-conductor (individually numbered conductors) control cables installed in conduit.		
26 05 19 16-0735		MLF	2 Conductor #18 AWG, Stranded, Type TC Control Cable	1,054.81	513.66
			For Work In Restricted Working Space, Add	*256.83*	
26 05 19 16-0736		MLF	3 Conductor #18 AWG, Stranded, Type TC Control Cable	1,213.13	574.59
			For Work In Restricted Working Space, Add	*287.30*	
26 05 19 16-0737		MLF	4 Conductor #18 AWG, Stranded, Type TC Control Cable	1,265.18	574.55
			For Work In Restricted Working Space, Add	*287.30*	
26 05 19 16-0738		MLF	5 Conductor #18 AWG, Stranded, Type TC Control Cable	1,584.32	720.65
			For Work In Restricted Working Space, Add	*360.33*	
26 05 19 16-0739		MLF	7 Conductor #18 AWG, Stranded, Type TC Control Cable	1,988.80	878.18
			For Work In Restricted Working Space, Add	*439.09*	
26 05 19 16-0740		MLF	9 Conductor #18 AWG, Stranded, Type TC Control Cable	2,262.40	965.69
			For Work In Restricted Working Space, Add	*482.85*	
26 05 19 16-0741		MLF	12 Conductor #18 AWG, Stranded, Type TC Control Cable	2,680.42	1,097.27
			For Work In Restricted Working Space, Add	*548.64*	
26 05 19 16-0742		MLF	15 Conductor #18 AWG, Stranded, Type TC Control Cable	3,380.25	1,341.18
			For Work In Restricted Working Space, Add	*670.59*	
26 05 19 16-0743		MLF	19 Conductor #18 AWG, Stranded, Type TC Control Cable	3,848.50	1,463.16
			For Work In Restricted Working Space, Add	*731.58*	
26 05 19 16-0744		MLF	25 Conductor #18 AWG, Stranded, Type TC Control Cable	4,511.41	1,508.91
			For Work In Restricted Working Space, Add	*754.45*	
26 05 19 16-0745		MLF	30 Conductor #18 AWG, Stranded, Type TC Control Cable	5,540.41	1,885.02
			For Work In Restricted Working Space, Add	*942.51*	
26 05 19 16-0746		MLF	37 Conductor #18 AWG, Stranded, Type TC Control Cable	6,633.40	2,203.00
			For Work In Restricted Working Space, Add	*1,101.50*	
26 05 19 16-0747		MLF	2 Conductor #16 AWG, Stranded, Type TC Control Cable	1,149.49	541.09
			For Work In Restricted Working Space, Add	*270.33*	
26 05 19 16-0748		MLF	3 Conductor #16 AWG, Stranded, Type TC Control Cable	1,327.42	604.84
			For Work In Restricted Working Space, Add	*302.42*	
26 05 19 16-0749		MLF	4 Conductor #16 AWG, Stranded, Type TC Control Cable	1,544.94	696.32
			For Work In Restricted Working Space, Add	*348.16*	
26 05 19 16-0750		MLF	5 Conductor #16 AWG, Stranded, Type TC Control Cable	1,743.34	758.58
			For Work In Restricted Working Space, Add	*379.29*	
26 05 19 16-0751		MLF	7 Conductor #16 AWG, Stranded, Type TC Control Cable	2,197.12	924.41
			For Work In Restricted Working Space, Add	*462.20*	
26 05 19 16-0752		MLF	9 Conductor #16 AWG, Stranded, Type TC Control Cable	2,510.34	1,016.53
			For Work In Restricted Working Space, Add	*508.26*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0753	MLF	12 Conductor #16 AWG, Stranded, Type TC Control Cable	2,989.56	1,155.03
		For Work In Restricted Working Space, Add	*577.51*	
26 05 19 16-0754	MLF	15 Conductor #16 AWG, Stranded, Type TC Control Cable	3,784.02	1,411.70
		For Work In Restricted Working Space, Add	*705.85*	
26 05 19 16-0755	MLF	19 Conductor #16 AWG, Stranded, Type TC Control Cable	4,329.10	1,540.04
		For Work In Restricted Working Space, Add	*770.02*	
26 05 19 16-0756	MLF	25 Conductor #16 AWG, Stranded, Type TC Control Cable	5,142.91	1,588.32
		For Work In Restricted Working Space, Add	*794.16*	
26 05 19 16-0757	MLF	30 Conductor #16 AWG, Stranded, Type TC Control Cable	6,305.28	1,984.13
		For Work In Restricted Working Space, Add	*992.06*	
26 05 19 16-0758	MLF	37 Conductor #16 AWG, Stranded, Type TC Control Cable	7,567.07	2,318.95
		For Work In Restricted Working Space, Add	*1,159.47*	
26 05 19 16-0759	MLF	2 Conductor #14 AWG, Stranded, Type TC Control Cable	1,242.95	564.81
		For Work In Restricted Working Space, Add	*282.40*	
26 05 19 16-0760	MLF	3 Conductor #14 AWG, Stranded, Type TC Control Cable	1,478.77	635.33
		For Work In Restricted Working Space, Add	*317.66*	
26 05 19 16-0761	MLF	4 Conductor #14 AWG, Stranded, Type TC Control Cable	1,730.73	726.18
		For Work In Restricted Working Space, Add	*363.09*	
26 05 19 16-0762	MLF	5 Conductor #14 AWG, Stranded, Type TC Control Cable	1,942.19	782.09
		For Work In Restricted Working Space, Add	*391.04*	
26 05 19 16-0763	MLF	7 Conductor #14 AWG, Stranded, Type TC Control Cable	2,573.66	958.71
		For Work In Restricted Working Space, Add	*479.36*	
26 05 19 16-0764	MLF	9 Conductor #14 AWG, Stranded, Type TC Control Cable	2,959.79	1,058.88
		For Work In Restricted Working Space, Add	*529.55*	
26 05 19 16-0765	MLF	12 Conductor #14 AWG, Stranded, Type TC Control Cable	3,613.61	1,181.71
		For Work In Restricted Working Space, Add	*590.86*	
26 05 19 16-0766	MLF	15 Conductor #14 AWG, Stranded, Type TC Control Cable	4,316.28	1,411.49
		For Work In Restricted Working Space, Add	*705.85*	
26 05 19 16-0767	MLF	19 Conductor #14 AWG, Stranded, Type TC Control Cable	7,180.30	1,640.21
		For Work In Restricted Working Space, Add	*819.89*	
26 05 19 16-0768	MLF	25 Conductor #14 AWG, Stranded, Type TC Control Cable	6,437.63	1,917.63
		For Work In Restricted Working Space, Add	*959.03*	
26 05 19 16-0769	MLF	30 Conductor #14 AWG, Stranded, Type TC Control Cable	7,469.53	2,142.96
		For Work In Restricted Working Space, Add	*1,071.48*	
26 05 19 16-0770	MLF	37 Conductor #14 AWG, Stranded, Type TC Control Cable	8,986.92	2,504.46
		For Work In Restricted Working Space, Add	*1,252.23*	
26 05 19 16-0771	MLF	2 Conductor #12 AWG, Stranded, Type TC Control Cable	1,439.78	604.84
		For Work In Restricted Working Space, Add	*302.42*	
26 05 19 16-0772	MLF	3 Conductor #12 AWG, Stranded, Type TC Control Cable	1,712.31	669.22
		For Work In Restricted Working Space, Add	*334.50*	
26 05 19 16-0773	MLF	4 Conductor #12 AWG, Stranded, Type TC Control Cable	2,075.84	770.02
		For Work In Restricted Working Space, Add	*385.01*	
26 05 19 16-0774	MLF	5 Conductor #12 AWG, Stranded, Type TC Control Cable	2,341.77	819.58
		For Work In Restricted Working Space, Add	*409.79*	
26 05 19 16-0775	MLF	7 Conductor #12 AWG, Stranded, Type TC Control Cable	3,071.58	977.14
		For Work In Restricted Working Space, Add	*488.57*	
26 05 19 16-0776	MLF	9 Conductor #12 AWG, Stranded, Type TC Control Cable	3,782.04	1,155.03
		For Work In Restricted Working Space, Add	*577.51*	
26 05 19 16-0777	MLF	12 Conductor #12 AWG, Stranded, Type TC Control Cable	4,584.68	1,303.06
		For Work In Restricted Working Space, Add	*651.53*	
26 05 19 16-0778	MLF	15 Conductor #12 AWG, Stranded, Type TC Control Cable	5,448.55	1,494.93
		For Work In Restricted Working Space, Add	*747.47*	
26 05 19 16-0779	MLF	19 Conductor #12 AWG, Stranded, Type TC Control Cable	6,431.57	1,694.42
		For Work In Restricted Working Space, Add	*847.21*	
26 05 19 16-0780	MLF	25 Conductor #12 AWG, Stranded, Type TC Control Cable	8,209.15	1,980.32
		For Work In Restricted Working Space, Add	*990.16*	
26 05 19 16-0781	MLF	30 Conductor #12 AWG, Stranded, Type TC Control Cable	9,509.48	2,314.50
		For Work In Restricted Working Space, Add	*1,157.25*	
26 05 19 16-0782	MLF	37 Conductor #12 AWG, Stranded, Type TC Control Cable	11,487.29	2,705.22
		For Work In Restricted Working Space, Add	*1,352.61*	
26 05 19 16-0783	MLF	2 Conductor #10 AWG, Stranded, Type TC Control Cable	1,703.51	635.33
		For Work In Restricted Working Space, Add	*317.66*	
26 05 19 16-0784	MLF	3 Conductor #10 AWG, Stranded, Type TC Control Cable	2,112.68	696.74
		For Work In Restricted Working Space, Add	*348.16*	
26 05 19 16-0785	MLF	4 Conductor #10 AWG, Stranded, Type TC Control Cable	2,565.54	794.16
		For Work In Restricted Working Space, Add	*397.08*	
26 05 19 16-0786	MLF	5 Conductor #10 AWG, Stranded, Type TC Control Cable	2,973.48	861.51
		For Work In Restricted Working Space, Add	*430.75*	
26 05 19 16-0787	MLF	7 Conductor #10 AWG, Stranded, Type TC Control Cable	4,014.06	1,081.33
		For Work In Restricted Working Space, Add	*540.67*	
26 05 19 16-0788	MLF	9 Conductor #10 AWG, Stranded, Type TC Control Cable	4,749.44	1,210.30
		For Work In Restricted Working Space, Add	*605.15*	
26 05 19 16-0789	MLF	12 Conductor #10 AWG, Stranded, Type TC Control Cable	5,534.56	1,411.70
		For Work In Restricted Working Space, Add	*705.85*	
26 05 19 16-0790	MLF	15 Conductor #10 AWG, Stranded, Type TC Control Cable	6,534.72	1,614.37
		For Work In Restricted Working Space, Add	*807.19*	
26 05 19 16-0791	MLF	19 Conductor #10 AWG, Stranded, Type TC Control Cable	7,739.38	1,829.75
		For Work In Restricted Working Space, Add	*914.87*	
26 05 19 16-0792	MLF	25 Conductor #10 AWG, Stranded, Type TC Control Cable	9,945.40	2,138.52
		For Work In Restricted Working Space, Add	*1,069.26*	
26 05 19 16-0793	MLF	30 Conductor #10 AWG, Stranded, Type TC Control Cable	11,513.20	2,499.38
		For Work In Restricted Working Space, Add	*1,249.69*	
26 05 19 16-0794	MLF	37 Conductor #10 AWG, Stranded, Type TC Control Cable	13,941.94	2,921.87
		For Work In Restricted Working Space, Add	*1,460.94*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0795		ACSR (Aluminum Conductor Steel Reinforced) *(26 05 19 16-0010)*		
		Note: Concentric lay stranded Class A galvanizing installed on poles, aerially.		
26 05 19 16-0796		ACSR Cable *(26 05 19 16-0795)*		
26 05 19 16-0797	MLF	#4 AWG, ACSR Cable Swan 6/1, Aluminum Cable, Installed On Poles (Aerial)	1,994.11	529.11
26 05 19 16-0798	MLF	#4 AWG, ACSR Cable Swanate 7/1, Aluminum Cable, Installed On Poles (Aerial)	2,169.58	549.40
26 05 19 16-0799	MLF	#2 AWG, ACSR Cable Sparrow 6/1, Aluminum Cable, Installed On Poles (Aerial)	2,436.68	570.56
26 05 19 16-0800	MLF	#2 AWG, ACSR Cable Sparate 7/1, Aluminum Cable, Installed On Poles (Aerial)	2,612.05	591.22
26 05 19 16-0801	MLF	1/0 AWG, ACSR Cable Raven 6/1, Aluminum Cable, Installed On Poles (Aerial)	3,100.39	611.27
26 05 19 16-0802	MLF	2/0 AWG, ACSR Cable Quail 6/1, Aluminum Cable, Installed On Poles (Aerial)	3,690.08	692.94
26 05 19 16-0803	MLF	3/0 AWG, ACSR Cable Pigeon 6/1, Aluminum Cable, Installed On Poles (Aerial)	4,383.70	772.77
26 05 19 16-0804	MLF	4/0 AWG, ACSR Cable Penguin 6/1, Aluminum Cable, Installed On Poles (Aerial)	5,183.22	853.70
26 05 19 16-0805	MLF	336 AWG ACSR Cable Merlin 18/1, Aluminum Cable, Installed On Poles (Aerial)	5,680.28	1,097.11
26 05 19 16-0806	MLF	477 AWG, ACSR Cable Hawk 26/1, Aluminum Cable, Installed On Poles (Aerial)	6,418.79	1,258.48
26 05 19 16-0807		All Aluminum Conductors *(26 05 19 16-0795)*		
26 05 19 16-0808	MLF	795.0 ACSR Conductor Aluminum	40,910.29	10,367.67
26 05 19 16-0809		Single Conductor Installed On Poles *(26 05 19 16-0010)*		
26 05 19 16-0810		Bare Stranded Conductor *(26 05 19 16-0809)*		
26 05 19 16-0811	MLF	#12 AWG, Single Conductor, Bare Stranded Copper Cable, Installed On Poles	1,309.21	448.30
26 05 19 16-0812	MLF	#10 AWG, Single Conductor, Bare Stranded Copper Cable, Installed On Poles	1,516.17	488.65
26 05 19 16-0813	MLF	#8 AWG, Single Conductor, Bare Stranded Copper Cable, Installed On Poles	1,724.43	529.48
26 05 19 16-0814	MLF	#6 AWG, Single Conductor, Bare Stranded Copper Cable, Installed On Poles	2,074.70	570.56
26 05 19 16-0815	MLF	#4 AWG, Single Conductor, Bare Stranded Copper Cable, Installed On Poles	2,482.90	611.76
26 05 19 16-0816	MLF	#2 AWG, Single Conductor, Bare Stranded Copper Cable, Installed On Poles	3,486.96	733.77
26 05 19 16-0817	MLF	#1 AWG, Single Conductor, Bare Stranded Copper Cable, Installed On Poles	3,993.37	815.07
26 05 19 16-0818	MLF	1/0 AWG, Single Conductor, Bare Stranded Copper Cable, Installed On Poles	4,540.05	894.90
26 05 19 16-0819	MLF	2/0 AWG, Single Conductor, Bare Stranded Copper Cable, Installed On Poles	6,021.40	1,061.41
26 05 19 16-0820	MLF	3/0 AWG, Single Conductor, Bare Stranded Copper Cable, Installed On Poles	7,274.10	1,220.34
26 05 19 16-0821	MLF	4/0 AWG, Single Conductor, Bare Stranded Copper Cable, Installed On Poles	7,843.03	1,383.05
26 05 19 16-0822	MLF	250 MCM, Single Conductor, Bare Stranded Copper Cable, Installed On Poles	9,869.21	1,630.01
26 05 19 16-0823	MLF	300 MCM, Single Conductor, Bare Stranded Copper Cable, Installed On Poles	10,119.01	1,715.83
26 05 19 16-0824	MLF	350 MCM, Single Conductor, Bare Stranded Copper Cable, Installed On Poles	12,466.19	1,796.89
26 05 19 16-0825	MLF	400 MCM, Single Conductor, Bare Stranded Copper Cable, Installed On Poles	13,720.44	1,870.60
26 05 19 16-0826	MLF	500 MCM, Single Conductor, Bare Stranded Copper Cable, Installed On Poles	15,883.65	1,950.44
26 05 19 16-0827		Insulated Stranded Conductor *(26 05 19 16-0809)*		
26 05 19 16-0828	MLF	#12 AWG, Single Conductor, Insulated Stranded Copper Cable, Installed On Poles	1,397.84	448.30
26 05 19 16-0829	MLF	#10 AWG, Single Conductor, Insulated Stranded Copper Cable, Installed On Poles	1,630.54	488.65
26 05 19 16-0830	MLF	#8 AWG, Single Conductor, Insulated Stranded Copper Cable, Installed On Poles	1,950.19	529.48
26 05 19 16-0831	MLF	#6 AWG, Single Conductor, Insulated Stranded Copper Cable, Installed On Poles	2,117.43	570.56
26 05 19 16-0832	MLF	#4 AWG, Single Conductor, Insulated Stranded Copper Cable, Installed On Poles	2,548.10	611.76
26 05 19 16-0833	MLF	#2 AWG, Single Conductor, Insulated Stranded Copper Cable, Installed On Poles	3,392.80	733.77
26 05 19 16-0834	MLF	#1 AWG, Single Conductor, Insulated Stranded Copper Cable, Installed On Poles	3,983.97	815.07
26 05 19 16-0835	MLF	1/0 AWG, Single Conductor, Insulated Stranded Copper Cable, Installed On Poles	4,671.14	894.90
26 05 19 16-0836	MLF	2/0 AWG, Single Conductor, Insulated Stranded Copper Cable, Installed On Poles	5,618.81	1,061.41
26 05 19 16-0837	MLF	3/0 AWG, Single Conductor, Insulated Stranded Copper Cable, Installed On Poles	6,712.93	1,220.34
26 05 19 16-0838	MLF	4/0 AWG, Single Conductor, Insulated Stranded Copper Cable, Installed On Poles	7,886.81	1,383.05
26 05 19 16-0839	MLF	250 MCM, Single Conductor, Insulated Stranded Copper Cable, Installed On Poles	9,601.35	1,630.01
26 05 19 16-0840	MLF	300 MCM, Single Conductor, Insulated Stranded Copper Cable, Installed On Poles	10,828.01	1,715.83
26 05 19 16-0841	MLF	350 MCM, Single Conductor, Insulated Stranded Copper Cable, Installed On Poles	11,833.72	1,796.89
26 05 19 16-0842	MLF	400 MCM, Single Conductor, Insulated Stranded Copper Cable, Installed On Poles	13,196.04	1,870.60
26 05 19 16-0843	MLF	500 MCM, Single Conductor, Insulated Stranded Copper Cable, Installed On Poles	14,768.27	1,950.44
26 05 19 16-0844		Bare Solid Conductor *(26 05 19 16-0809)*		
26 05 19 16-0845	MLF	#12 AWG, Single Conductor, Bare Solid Copper Cable, Installed On Poles	1,309.21	448.30
26 05 19 16-0846	MLF	#8 AWG, Single Conductor, Bare Solid Copper Cable, Installed On Poles	1,724.43	529.48
26 05 19 16-0847	MLF	#6 AWG, Single Conductor, Bare Solid Copper Cable, Installed On Poles	2,074.70	570.56
26 05 19 16-0848	MLF	#4 AWG, Single Conductor, Bare Solid Copper Cable, Installed On Poles	2,455.96	611.76

26 05 23 Control-Voltage Electrical Power Cables *(26 05)*

26 05 23 00-0001		Cable For HVAC System Controls *(26 05 23)*		
26 05 23 00-0002		Low Voltage Thermostat Cable To 300 Volt *(26 05 23 00-0001)*		
		Note: For surface or conduit installation.		
26 05 23 00-0003	MLF	#20/2 Conductor, Low Volt Thermostat Cable	461.99	135.01
26 05 23 00-0004	MLF	#20/3 Conductor, Low Volt Thermostat Cable	528.16	142.21
26 05 23 00-0005	MLF	#20/4 Conductor, Low Volt Thermostat Cable	572.67	150.36
26 05 23 00-0006	MLF	#20/5 Conductor, Low Volt Thermostat Cable	687.80	156.72
26 05 23 00-0007	MLF	#20/6 Conductor, Low Volt Thermostat Cable	721.20	164.13
26 05 23 00-0008	MLF	#20/7 Conductor, Low Volt Thermostat Cable	794.09	170.95

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 23 00-0009	MLF	#20/8 Conductor, Low Volt Thermostat Cable	857.31	177.78
26 05 23 00-0010	MLF	#20/9 Conductor, Low Volt Thermostat Cable	931.30	184.88
26 05 23 00-0011	MLF	#20/10 Conductor, Low Volt Thermostat Cable	1,002.47	190.43
26 05 23 00-0012	MLF	#18/2 Conductor, Low Volt Thermostat Cable	502.46	135.01
26 05 23 00-0013	MLF	#18/3 Conductor, Low Volt Thermostat Cable	600.37	142.21
26 05 23 00-0014	MLF	#18/4 Conductor, Low Volt Thermostat Cable	687.23	150.36
26 05 23 00-0015	MLF	#18/5 Conductor, Low Volt Thermostat Cable	735.10	156.72
26 05 23 00-0016	MLF	#18/6 Conductor, Low Volt Thermostat Cable	816.20	164.13
26 05 23 00-0017	MLF	#18/7 Conductor, Low Volt Thermostat Cable	837.71	170.95
26 05 23 00-0018	MLF	#18/8 Conductor, Low Volt Thermostat Cable	923.88	177.78
26 05 23 00-0019	MLF	#18/9 Conductor, Low Volt Thermostat Cable	1,091.02	184.88
26 05 23 00-0020	MLF	#18/10 Conductor, Low Volt Thermostat Cable	1,199.47	190.43

26 05 26 Grounding and Bonding for Electrical Systems *(26 05)*

26 05 26 00-0001 Conductors, Straps And Conduit Jumpers *(26 05 26)*

26 05 26 00-0002 Single Conductor *(26 05 26 00-0001)*

26 05 26 00-0003 Copper Bare Stranded Conductors *(26 05 26 00-0002)*

26 05 26 00-0004	MLF	12 AWG Copper Bare Single Stranded Conductor	590.85	231.76
26 05 26 00-0005	MLF	10 AWG Copper Bare Single Stranded Conductor	766.63	231.76
26 05 26 00-0006	MLF	8 AWG Copper Bare Single Stranded Conductor	943.34	279.18
26 05 26 00-0007	MLF	6 AWG Copper Bare Single Stranded Conductor	1,269.34	279.18
26 05 26 00-0008	MLF	4 AWG Copper Bare Single Stranded Conductor	1,679.78	337.11
26 05 26 00-0009	MLF	2 AWG Copper Bare Single Stranded Conductor	2,598.65	337.11
26 05 26 00-0010	MLF	1 AWG Copper Bare Single Stranded Conductor	2,996.27	405.59
26 05 26 00-0011	MLF	1/0 AWG Copper Bare Single Stranded Conductor	3,510.78	405.59
26 05 26 00-0012	MLF	2/0 AWG Copper Bare Single Stranded Conductor	4,880.46	510.94
26 05 26 00-0013	MLF	3/0 AWG Copper Bare Single Stranded Conductor	5,997.39	510.94
26 05 26 00-0014	MLF	4/0 AWG Copper Bare Single Stranded Conductor	6,387.95	679.51
26 05 26 00-0015	MLF	250 MCM Copper Bare Single Stranded Conductor	8,159.88	679.51
26 05 26 00-0016	MLF	300 MCM Copper Bare Single Stranded Conductor	8,203.32	784.85
26 05 26 00-0017	MLF	350 MCM Copper Bare Single Stranded Conductor	10,986.06	784.85
26 05 26 00-0018	MLF	500 MCM Copper Bare Single Stranded Conductor	14,952.22	969.21

26 05 26 00-0019 Copper Insulated Single Stranded Conductors *(26 05 26 00-0002)*

26 05 26 00-0020	MLF	12 AWG Copper Insulated Single Stranded Conductor	1,060.75	316.05
26 05 26 00-0021	MLF	10 AWG Copper Insulated Single Stranded Conductor	1,142.40	316.05
26 05 26 00-0022	MLF	8 AWG Copper Insulated Single Stranded Conductor	1,453.03	316.05
26 05 26 00-0023	MLF	6 AWG Copper Insulated Single Stranded Conductor	1,661.01	547.81
26 05 26 00-0024	MLF	4 AWG Copper Insulated Single Stranded Conductor	2,224.50	547.81
26 05 26 00-0025	MLF	2 AWG Copper Insulated Single Stranded Conductor	3,114.18	547.81
26 05 26 00-0026	MLF	1 AWG Copper Insulated Single Stranded Conductor	3,749.97	958.67
26 05 26 00-0027	MLF	1/0 AWG Copper Insulated Single Stranded Conductor	4,561.17	958.67
26 05 26 00-0028	MLF	2/0 AWG Copper Insulated Single Stranded Conductor	5,324.49	958.67
26 05 26 00-0029	MLF	3/0 AWG Copper Insulated Single Stranded Conductor	6,315.52	958.67
26 05 26 00-0030	MLF	4/0 AWG Copper Insulated Single Stranded Conductor	7,425.55	1,253.65
26 05 26 00-0031	MLF	250 MCM Copper Insulated Single Stranded Conductor	8,943.61	1,253.65
26 05 26 00-0032	MLF	300 MCM Copper Insulated Single Stranded Conductor	10,392.44	1,253.65
26 05 26 00-0033	MLF	350 MCM Copper Insulated Single Stranded Conductor	12,224.03	1,948.96
26 05 26 00-0034	MLF	500 MCM Copper Insulated Single Stranded Conductor	15,888.44	1,948.96

26 05 26 00-0035 Copper Bare Single Solid Conductors *(26 05 26 00-0002)*

26 05 26 00-0036	MLF	12 AWG Copper Bare Single Solid Conductor	590.85	231.76
26 05 26 00-0037	MLF	10 AWG Copper Bare Single Solid Conductor	766.63	231.76
26 05 26 00-0038	MLF	8 AWG Copper Bare Single Solid Conductor	943.34	279.18
26 05 26 00-0039	MLF	6 AWG Copper Bare Single Solid Conductor	1,269.34	279.18
26 05 26 00-0040	MLF	4 AWG Copper Bare Single Solid Conductor	1,679.78	337.11
26 05 26 00-0041	MLF	2 AWG Copper Bare Single Solid Conductor	2,598.65	337.11
26 05 26 00-0042	MLF	1/0 AWG Copper Bare Single Solid Conductor	3,510.78	405.59
26 05 26 00-0043	MLF	4/0 AWG Copper Bare Single Solid Conductor	6,387.95	537.28

26 05 26 00-0044 Aluminum Bare Single Stranded Conductors *(26 05 26 00-0002)*

26 05 26 00-0045	MLF	8 AWG Aluminum Bare Single Stranded Conductor	791.96	279.18
26 05 26 00-0046	MLF	6 AWG Aluminum Bare Single Stranded Conductor	881.59	279.18
26 05 26 00-0047	MLF	4 AWG Aluminum Bare Single Stranded Conductor	1,021.34	337.11
26 05 26 00-0048	MLF	2 AWG Aluminum Bare Single Stranded Conductor	1,310.63	337.11
26 05 26 00-0049	MLF	1 AWG Aluminum Bare Single Stranded Conductor	1,547.93	405.59
26 05 26 00-0050	MLF	1/0 AWG Aluminum Bare Single Stranded Conductor	1,773.59	405.59
26 05 26 00-0051	MLF	2/0 AWG Aluminum Bare Single Stranded Conductor	2,034.74	510.94
26 05 26 00-0052	MLF	3/0 AWG Aluminum Bare Single Stranded Conductor	2,362.24	510.94
26 05 26 00-0053	MLF	4/0 AWG Aluminum Bare Single Stranded Conductor	2,803.22	679.51
26 05 26 00-0054	MLF	250 MCM Aluminum Bare Single Stranded Conductor	3,169.24	679.51
26 05 26 00-0055	MLF	300 MCM Aluminum Bare Single Stranded Conductor	3,852.36	784.85
26 05 26 00-0056	MLF	350 MCM Aluminum Bare Single Stranded Conductor	4,427.52	784.85
26 05 26 00-0057	MLF	500 MCM Aluminum Bare Single Stranded Conductor	5,191.73	969.21

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 26 00-0058		**Aluminum Bare Single Solid Conductors** *(26 05 26 00-0002)*		
26 05 26 00-0059	MLF	8 AWG Aluminum Bare Single Solid Conductor	791.96	279.18
26 05 26 00-0060	MLF	6 AWG Aluminum Bare Single Solid Conductor	881.59	279.18
26 05 26 00-0061	MLF	4 AWG Aluminum Bare Single Solid Conductor	1,021.34	337.11
26 05 26 00-0062	MLF	2 AWG Aluminum Bare Single Solid Conductor	1,310.63	337.11
26 05 26 00-0063	MLF	1 AWG Aluminum Bare Single Solid Conductor	1,505.41	537.28
26 05 26 00-0064	MLF	1/0 AWG Aluminum Bare Single Solid Conductor	1,773.59	537.28
26 05 26 00-0065	MLF	2/0 AWG Aluminum Bare Single Solid Conductor	1,929.42	510.94
26 05 26 00-0066	MLF	3/0 AWG Aluminum Bare Single Solid Conductor	2,150.17	510.94
26 05 26 00-0067	MLF	4/0 AWG Aluminum Bare Single Solid Conductor	2,803.22	679.51
26 05 26 00-0068	MLF	250 MCM Aluminum Bare Single Solid Conductor	3,169.24	679.51
26 05 26 00-0069	MLF	300 MCM Aluminum Bare Single Solid Conductor	3,852.36	784.85
26 05 26 00-0070	MLF	350 MCM Aluminum Bare Single Solid Conductor	4,427.52	784.85
26 05 26 00-0071	MLF	500 MCM Aluminum Bare Single Solid Conductor	5,191.73	969.21
26 05 26 00-0072		**Aluminum Smooth Woven Conductors** *(26 05 26 00-0002)*		
26 05 26 00-0073	LF	10 Strand x 14 AWG Smooth Weave Aluminum Conductor	2.82	0.80
26 05 26 00-0074	LF	16 Strand x 14 AWG Smooth Weave Aluminum Conductor	3.12	0.88
26 05 26 00-0075	LF	24 Strand x 14 AWG Smooth Weave Aluminum Conductor	3.72	1.01
26 05 26 00-0076	LF	26 Strand x 14 AWG Smooth Weave Aluminum Conductor	3.74	1.03
26 05 26 00-0077	LF	28 Strand x 14 AWG Smooth Weave Aluminum Conductor	3.92	1.08
26 05 26 00-0078		**Copper Flexible Braid Connector Jumper Strap** *(26 05 26 00-0001)* Note: Manufactured from flat extra flexible tinned braid. Ferrules are tin plated pure electrolytic copper with 2 holes, on each end.		
26 05 26 00-0079	EA	100 Amperes, Copper Flexible Braid Jumper Strap, 12" Length	138.52	28.98
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.39*	
26 05 26 00-0080	EA	225 Amperes, Copper Flexible Braid Jumper Strap, 12" Length	240.76	34.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.86*	
26 05 26 00-0081	EA	225 Amperes, Copper Flexible Braid Jumper Strap, 18" Length	309.31	34.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.86*	
26 05 26 00-0082	EA	225 Amperes, Copper Flexible Braid Jumper Strap, 24" Length	376.92	34.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.86*	
26 05 26 00-0083	EA	400 Amperes, Copper Flexible Braid Jumper Strap, 12" Length	324.52	37.67
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*26.08*	
26 05 26 00-0084	EA	400 Amperes, Copper Flexible Braid Jumper Strap, 18" Length	423.14	37.67
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*26.08*	
26 05 26 00-0085	EA	400 Amperes, Copper Flexible Braid Jumper Strap, 24" Length	508.82	37.67
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*26.08*	
26 05 26 00-0086	EA	600 Amperes, Copper Flexible Braid Jumper Strap, 12" Length	423.41	47.81
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*28.69*	
26 05 26 00-0087	EA	800 Amperes, Copper Flexible Braid Jumper Strap, 12" Length	509.14	57.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*34.77*	
26 05 26 00-0088		**Bonding Jumper For Metallic Conduit** *(26 05 26 00-0001)*		
26 05 26 00-0089	EA	1/2" To 1" Conductor, Bonding Jumper, Metallic Conduit	182.22	63.75
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*36.22*	
26 05 26 00-0090	EA	1-1/4" To 2" Conductor, Bonding Jumper, Metallic Conduit	224.50	63.75
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*44.58*	
26 05 26 00-0091	EA	2-1/2" To 4" Conductor, Bonding Jumper, Metallic Conduit	331.52	98.52
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*52.69*	
26 05 26 00-0092	EA	5" To 6" Conductor, Bonding Jumper, Metallic Conduit	492.84	98.52
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*64.39*	
26 05 26 00-0093		**Ground Rods** *(26 05 26)*		
26 05 26 00-0094		**Copper-Clad Ground Rods** *(26 05 26 00-0093)*		
26 05 26 00-0095	EA	1/2" Diameter x 8' Long Copper-Clad Ground Rods	100.89	86.93
26 05 26 00-0096	EA	5/8" Diameter x 8' Long Copper-Clad Ground Rods	105.46	86.93
26 05 26 00-0097	EA	3/4" Diameter x 8' Long Copper-Clad Ground Rods	123.89	86.93
26 05 26 00-0098	EA	1/2" Diameter x 10' Long Copper-Clad Ground Rods	118.89	86.93
26 05 26 00-0099	EA	5/8" Diameter x 10' Long Copper-Clad Ground Rods	124.60	86.93
26 05 26 00-0100	EA	3/4" Diameter x 10' Long Copper-Clad Ground Rods	147.64	86.93
26 05 26 00-0101		**Ground Access Wells** *(26 05 26 00-0093)*		
26 05 26 00-0102		**Precast Ground Access Wells** *(26 05 26 00-0101)*		
26 05 26 00-0103	EA	8" Diameter x 24" Deep Precast Ground Access Well Note: With cast iron grate.	295.72	
26 05 26 00-0104	EA	10" Diameter x 24" Deep Precast Ground Access Well Note: With cast iron grate.	307.08	
26 05 26 00-0105	EA	12" Diameter x 24" Deep Precast Ground Access Well Note: With cast iron grate.	876.68	
26 05 26 00-0106	EA	18" Diameter x 24" Deep Precast Ground Access Well Note: With cast iron grate.	888.05	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 26 00-0107		**Polyvinyl Chloride (PVC) Ground Access Well** *(26 05 26 00-0101)*		
26 05 26 00-0108	EA	10" Diameter x 24" Deep Polyvinyl Chloride (PVC) Belled Hub Ground Access Well Note: Schedule 40 with cast iron grated cover.	571.17	
26 05 26 00-0109	EA	12" Diameter x 24" Deep Polyvinyl Chloride (PVC) Belled Hub Ground Access Well Note: Schedule 40 with cast iron grated cover.	694.60	
26 05 26 00-0110	EA	18" Diameter x 24" Deep Polyvinyl Chloride (PVC) Belled Hub Ground Access Well Note: Schedule 40 with cast iron grated cover.	1,521.01	
26 05 26 00-0111	EA	10" Diameter x 24" Deep Polyvinyl Chloride (PVC) Belled Hub Ground Access Well Note: Schedule 40 with flat steel cover.	434.48	
26 05 26 00-0112	EA	12" Diameter x 24" Deep Polyvinyl Chloride (PVC) Belled Hub Ground Access Well Note: Schedule 40 with flat steel cover.	524.61	
26 05 26 00-0113	EA	18" Diameter x 24" Deep Polyvinyl Chloride (PVC) Belled Hub Ground Access Well Note: Schedule 40 with flat steel cover.	1,361.35	
26 05 26 00-0114	EA	8" Diameter x 24" Deep Polyvinyl Chloride (PVC) Ground Access Well Note: Schedule 40 with flat steel cover.	251.91	
26 05 26 00-0115	EA	10" Diameter x 24" Deep Polyvinyl Chloride (PVC) Ground Access Well Note: Schedule 40 with flat steel cover.	344.89	
26 05 26 00-0116	EA	12" Diameter x 24" Deep Polyvinyl Chloride (PVC) Ground Access Well Note: Schedule 40 with flat steel cover.	409.75	
26 05 26 00-0117	EA	8" Diameter x 24" Deep Schedule 40 Polyvinyl Chloride (PVC) Ground Access Well, Plastic Cover	205.96	
26 05 26 00-0118	EA	10" Diameter x 24" Deep Schedule 40 Polyvinyl Chloride (PVC) Ground Access Well, Plastic Cover	318.47	
26 05 26 00-0119	EA	8" Diameter x 42" Deep Polyvinyl Chloride (PVC) Slotted Ground Access Well Note: Schedule 40 with flat steel cover.	474.56	
26 05 26 00-0120	EA	10" Diameter x 42" Deep Polyvinyl Chloride (PVC) Slotted Ground Access Well Note: Schedule 40 with flat steel cover.	652.53	
26 05 26 00-0121	EA	8" Diameter x 42" Deep Polyvinyl Chloride (PVC) Slotted Ground Access Well Note: Schedule 40 with plastic cover.	455.03	
26 05 26 00-0122	EA	10" Diameter x 42" Deep Polyvinyl Chloride (PVC) Slotted Ground Access Well Note: Schedule 40 with plastic cover.	489.43	
26 05 26 00-0123	EA	10" Diameter x 36" Deep Polyvinyl Chloride (PVC) Schedule 80 Ground Access Well Note: With cast iron cover, heavy duty.	869.81	
26 05 26 00-0124	EA	10" Diameter x 42" Deep Polyvinyl Chloride (PVC) Schedule 80 Ground Access Well Note: With cast iron cover, heavy duty.	1,098.20	
26 05 26 00-0125	EA	12" Diameter x 12" Deep Polyvinyl Chloride (PVC) Schedule 80 Ground Access Well Note: With cast iron cover, heavy duty.	486.17	
26 05 26 00-0126	EA	12" Diameter x 24" Deep Polyvinyl Chloride (PVC) Schedule 80 Ground Access Well Note: With cast iron cover, heavy duty.	661.29	
26 05 26 00-0127	EA	12" Diameter x 30" Deep Polyvinyl Chloride (PVC) Schedule 80 Ground Access Well Note: With cast iron cover, heavy duty.	653.80	
26 05 26 00-0128		**Polymer Concrete Ground Access Well** *(26 05 26 00-0101)*		
26 05 26 00-0129	EA	12" x 12" x 12" Polymer Concrete Ground Access Well	554.11	
26 05 26 00-0130	EA	12" x 12" x 12" Heavy Duty Polymer Concrete Ground Access Well	607.44	
26 05 26 00-0131	EA	12" x 12" x 18" Polymer Concrete Ground Access Well	610.28	
26 05 26 00-0132	EA	12" x 12" x 18" Heavy Duty Polymer Concrete Ground Access Well	668.95	
26 05 26 00-0133	EA	12" x 12" x 24" Polymer Concrete Ground Access Well	668.61	
26 05 26 00-0134	EA	12" x 12" x 24" Heavy Duty Polymer Concrete Ground Access Well	733.12	
26 05 26 00-0135	EA	13" x 24" x 18" Polymer Concrete Ground Access Well	890.48	
26 05 26 00-0136	EA	13" x 24" x 18" Heavy Duty Polymer Concrete Ground Access Well	978.37	
26 05 26 00-0137		**High Density Polyethylene (HDPE) Ground Access Well** *(26 05 26 00-0101)*		
26 05 26 00-0138	EA	9" Diameter x 10" Deep High Density Polyethylene (HDPE) Ground Access Well Note: With cover.	204.30	
26 05 26 00-0139	EA	14" Diameter x 18" Deep High Density Polyethylene (HDPE) Ground Access Well Note: With cover.	284.14	
26 05 26 00-0140		**Clay Tile Ground Access Wells** *(26 05 26 00-0101)*		
26 05 26 00-0141	EA	8" Diameter x 24" Deep Clay Tile Ground Access Well With Concrete Cover	322.41	
26 05 26 00-0142	EA	8" Diameter x 24" Deep Clay Tile Ground Access Well With Cast Iron Grated Cover	338.68	
26 05 26 00-0143	EA	Concrete Cover For 8" Diameter x 24" Deep Clay Tile Ground Access Well	101.82	
26 05 26 00-0144		**Ground Rod Clamps And Fittings** *(26 05 26)*		
26 05 26 00-0145		**Bronze Ground Rod Clamp** *(26 05 26 00-0144)*		
26 05 26 00-0146	EA	1/2" Bronze Ground Rod Clamp	23.85	13.10
26 05 26 00-0147	EA	5/8" Bronze Ground Rod Clamp	25.00	13.10
26 05 26 00-0148	EA	3/4" Bronze Ground Rod Clamp	26.64	13.10
26 05 26 00-0149		**Bronze Pipe Clamps** *(26 05 26 00-0144)*		
26 05 26 00-0150	EA	1/2" To 1" Bronze Pipe Ground Clamps	31.15	21.79
26 05 26 00-0151	EA	1-1/4" To 2" Bronze Ground Clamps For Pipe	39.59	26.08
26 05 26 00-0152	EA	2-1/2" To 3" Bronze Ground Clamps For Pipe	58.64	30.48
26 05 26 00-0153	EA	2-1/2" To 4" Bronze Ground Clamps For Pipe	71.79	39.17
26 05 26 00-0154	EA	4" To 6" Bronze Ground Clamps For Pipe	109.79	56.56

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 26 00-0155		**Grounding Fittings** *(26 05 26 00-0144)*		
26 05 26 00-0156		**Embedded Fittings** *(26 05 26 00-0155)*		
26 05 26 00-0157	EA	Ground Insert With Two 3/8 x 16 Holes #2 To 250 MCM Cable Range, Embedded	160.69	
26 05 26 00-0158	EA	Ground Insert With Four 3/8 x 16 Holes #2 To 250 MCM Cable Range, Embedded	171.12	
26 05 26 00-0159	EA	Ground Insert With Four 3/8 x 16 Holes 250 To 500 MCM Cable Range, Embedded	189.63	
26 05 26 00-0160	EA	#8 To 1 AWG, Copper To Aluminum, Grounding Wire Splice	153.94	
26 05 26 00-0161	EA	1/0 To 3/0 AWG, Copper To Aluminum, Grounding Wire Splice	184.43	
26 05 26 00-0162	EA	4/0 To 300 MCM, Copper To Aluminum, Grounding Wire Splice	216.44	
26 05 26 00-0163	EA	350 To 500 MCM, Copper To Aluminum, Grounding Wire Splice	244.14	
26 05 26 00-0164		**Ground Rod Receptacle** *(26 05 26 00-0155)*		
26 05 26 00-0165	EA	1/2" Ground Rod Receptacle	347.38	120.54
26 05 26 00-0166	EA	5/8" Ground Rod Receptacle	363.41	123.94
26 05 26 00-0167	EA	3/4" Ground Rod Receptacle	379.79	127.30
26 05 26 00-0168		**Ground Kits For Circuit Breaker Panels** *(26 05 26 00-0155)*		
26 05 26 00-0169	EA	14-8 AWG Copper Ground Kit	77.60	28.98
26 05 26 00-0170	EA	12-8 AWG Aluminum Ground Kit	84.35	28.98
26 05 26 00-0171	EA	14-4 AWG Copper Ground Kit	86.37	28.98
26 05 26 00-0172	EA	12-4 AWG Aluminum Ground Kit	102.82	28.98
26 05 26 00-0173		**Insulated Grounding Bars** *(26 05 26 00-0144)*		
26 05 26 00-0174	EA	1/2" x 4" x 10" Insulated Ground Bar	328.17	29.09
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*52.16*	
26 05 26 00-0175	EA	Insulated Ground Bar SK 9560 1/2" x 4" x 20"	345.12	29.09
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*52.16*	
26 05 26 00-0176		**Ground Conductor Bonding** *(26 05 26)*		
26 05 26 00-0177		**Ground Conductor Bonding** *(26 05 26 00-0176)*		
26 05 26 00-0178		**Splice, Lug, Ground Rod, Rebar Or Structural Steel Cadweld** *(26 05 26 00-0177)*		
26 05 26 00-0179	EA	Up To #6 AWG Cadweld Connection For Splice, Lug, Ground Rod, Rebar Or Structural Steel Note: Includes molds, materials and all necessary tools to make connections.	135.78	
26 05 26 00-0180	EA	#4 To #1 AWG Cadweld Connection For Splice, Lug, Ground Rod, Rebar Or Structural Steel Note: Includes molds, materials and all necessary tools to make connections.	147.36	
26 05 26 00-0181	EA	1/0 To 4/0 AWG Cadweld Connection For Splice, Lug, Ground Rod, Rebar Or Structural Steel Note: Includes molds, materials and all necessary tools to make connections.	158.95	
26 05 26 00-0182	EA	250 To 1,000 MCM AWG Cadweld Connection For Splice, Lug, Ground Rod, Rebar Or Structural Steel Note: Includes molds, materials and all necessary tools to make connections.	228.49	
26 05 26 00-0183		**Tee, Wye Or Cross Cadweld** *(26 05 26 00-0177)*		
26 05 26 00-0184	EA	Up To #6 AWG Cadweld Connection For Tee, Wye Or Cross Note: Includes molds, materials and all necessary tools to make connections.	153.16	
26 05 26 00-0185	EA	#4 To #1 AWG Cadweld Connection For Tee, Wye Or Cross Note: Includes molds, materials and all necessary tools to make connections.	176.33	
26 05 26 00-0186	EA	1/0 To 4/0 AWG Cadweld Connection For Tee, Wye Or Cross Note: Includes molds, materials and all necessary tools to make connections.	216.91	
26 05 26 00-0187	EA	250 To 1,000 MCM AWG Cadweld Connection For Tee, Wye Or Cross Note: Includes molds, materials and all necessary tools to make connections.	263.26	
26 05 26 00-0188		**Grounding Equipment** *(26 05 26)*		
26 05 26 00-0189		**Special Grounding Equipment** *(26 05 26 00-0188)*		
26 05 26 00-0190		**Ground Reels And Ground Bus** *(26 05 26 00-0189)*		
26 05 26 00-0191	EA	Ground Reel With 50' Of Galvanized Steel Cable	778.64	
26 05 26 00-0192		**Copper Bars** *(26 05 26 00-0189)*		
26 05 26 00-0193	LF	1/4" x 2" Copper Bar	44.80	
26 05 26 00-0194		**Phenolic Insulators** *(26 05 26 00-0189)*		
26 05 26 00-0195	EA	2" x 2" x 1" Long Phenolic Insulators	31.04	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.95*	
26 05 26 00-0196		**Grounding Studs** *(26 05 26 00-0189)*		
26 05 26 00-0197	EA	Ball Grounding Stud	44.88	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 26 00-0198		**Equipment Ground Bar Kits** *(26 05 26 00-0189)*		
26 05 26 00-0199	EA	Switch Rating 30 Ground Bar Kit	34.97	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.95*	
26 05 26 00-0200	EA	Switch Rating 60 Ground Bar Kit	44.91	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.65*	
26 05 26 00-0201	EA	Switch Rating 100 Ground Bar Kit	52.38	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.69*	
26 05 26 00-0202	EA	Switch Rating 200 Ground Bar Kit	91.73	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.43*	
26 05 26 00-0203		**Panelboard Ground Bar Kits** *(26 05 26 00-0189)*		
26 05 26 00-0204	EA	Panelboard Ground Bar Kit	134.20	8.69
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.69*	
26 05 26 00-0205		**Circuit Breaker Ground Bar Kits** *(26 05 26 00-0189)*		
26 05 26 00-0206	EA	3 Circuit, Ground Bar Kit	29.18	5.21
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.22*	
26 05 26 00-0207	EA	4 Circuit, Ground Bar Kit	28.64	5.21
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.22*	
26 05 26 00-0208	EA	7 Circuit, Ground Bar Kit	29.54	5.21
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.22*	
26 05 26 00-0209	EA	12 Circuit, Ground Bar Kit	33.50	5.91
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.91*	
26 05 26 00-0210	EA	20 Circuit, Ground Bar Kit	38.17	6.61
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.61*	
26 05 26 00-0211	EA	24 Circuit, Ground Bar Kit	42.12	7.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.30*	
26 05 26 00-0212	EA	30 Circuit, Ground Bar Kit	47.04	8.35
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.34*	
26 05 26 00-0213	EA	54 Circuit, Ground Bar Kit	54.41	9.73
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.74*	
26 05 26 00-0214	EA	24 Circuit, Ground Bar Kit With #1 To 4/0 Aluminum/Copper Lug	60.44	7.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.30*	
26 05 26 00-0215	EA	30 Circuit, Ground Bar Kit With #1 To 4/0 Aluminum/Copper Lug	66.81	8.35
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.34*	
26 05 26 00-0216	EA	54 Circuit, Ground Bar Kit With #1 To 4/0 Aluminum/Copper Lug	74.37	9.73
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.74*	

26 05 29 Hangers and Supports for Electrical Systems *(26 05)*

26 05 29 00-0001 Metal Framing Channel And Fittings *(26 05 29)*
See CSI section 05 43 00 00-0001 for additional unistrut fittings.

26 05 29 00-0002 Metal Framing Channel *(26 05 29 00-0001)*
Note: Excludes fasteners and accessories.

26 05 29 00-0003 14 Gauge Metal Framing Channels *(26 05 29 00-0002)*

26 05 29 00-0004 14 Gauge, Steel Unistrut Channel *(26 05 29 00-0003)*

26 05 29 00-0005	EA	Up To 1' Length x 1-5/8" Wide x 1-5/8" High, 14 Gauge, Steel Unistrut Channel	20.91	6.36
26 05 29 00-0006	EA	>1' To 2' Length x 1-5/8" Wide x 1-5/8" High, 14 Gauge, Steel Unistrut Channel	23.83	6.36
26 05 29 00-0007	LF	>2' Length x 1-5/8" Wide x 1-5/8" High, 14 Gauge, Steel Unistrut Channel	10.87	2.39

26 05 29 00-0008 14 Gauge, 304 Stainless Steel Unistrut Channel *(26 05 29 00-0003)*

26 05 29 00-0009	EA	Up To 1' Length x 1-5/8" Wide x 13/16" High, 14 Gauge, 304 Stainless Steel Unistrut Channel	43.75	6.36
26 05 29 00-0010	EA	Up To 1' Length x 1-5/8" Wide x 1-5/8" High, 14 Gauge, 304 Stainless Steel Unistrut Channel	49.06	6.36
26 05 29 00-0011	EA	>1' To 2' Length x 1-5/8" Wide x 13/16" High, 14 Gauge, 304 Stainless Steel Unistrut Channel	69.51	6.36
26 05 29 00-0012	EA	>1' To 2' Length x 1-5/8" Wide x 1-5/8" High, 14 Gauge, 304 Stainless Steel Unistrut Channel	80.13	6.36
26 05 29 00-0013	LF	>2' Length x 1-5/8" Wide x 13/16" High, 14 Gauge, 304 Stainless Steel Unistrut Channel	33.70	2.40
26 05 29 00-0014	LF	>2' Length x 1-5/8" Wide x 1-5/8" High, 14 Gauge, 304 Stainless Steel Unistrut Channel	39.01	2.40

26 05 29 00-0015 14 Gauge, 316 Stainless Steel Unistrut Channel *(26 05 29 00-0003)*

26 05 29 00-0016	EA	Up To 1' Length x 1-5/8" Wide x 13/16" High, 14 Gauge, 316 Stainless Steel Unistrut Channel	66.68	6.36
26 05 29 00-0017	EA	>1' To 2' Length x 1-5/8" Wide x 13/16" High, 14 Gauge, 316 Stainless Steel Unistrut Channel	115.37	6.36
26 05 29 00-0018	LF	>2' Length x 1-5/8" Wide x 13/16" High, 14 Gauge, 316 Stainless Steel Unistrut Channel	56.63	2.40

26 05 29 00-0019 12 Gauge Metal Framing Channels *(26 05 29 00-0002)*

26 05 29 00-0020 12 Gauge, Steel Unistrut Channel *(26 05 29 00-0019)*

26 05 29 00-0021	EA	Up To 1' Length x 1-5/8" Wide x 13/16" High, 12 Gauge, Steel Unistrut Channel	22.39	6.36
26 05 29 00-0022	EA	Up To 1' Length x 1-5/8" Wide x 1-3/8" High, 12 Gauge, Steel Unistrut Channel	21.89	6.36
26 05 29 00-0023	EA	Up To 1' Length x 1-5/8" Wide x 1-5/8" High, 12 Gauge, Steel Unistrut Channel	21.56	6.36
26 05 29 00-0024	EA	>1' To 2' Length x 1-5/8" Wide x 13/16" High, 12 Gauge, Steel Unistrut Channel	26.80	6.36
26 05 29 00-0025	EA	>1' To 2' Length x 1-5/8" Wide x 1-3/8" High, 12 Gauge, Steel Unistrut Channel	25.79	6.36
26 05 29 00-0026	EA	>1' To 2' Length x 1-5/8" Wide x 1-5/8" High, 12 Gauge, Steel Unistrut Channel	25.14	6.36
26 05 29 00-0027	LF	>2' Length x 1-5/8" Wide x 13/16" High, 12 Gauge, Steel Unistrut Channel	12.35	2.39

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0028	LF	>2' Length x 1-5/8" Wide x 1-3/8" High, 12 Gauge, Steel Unistrut Channel	11.85	2.39
26 05 29 00-0029	LF	>2' Length x 1-5/8" Wide x 1-5/8" High, 12 Gauge, Steel Unistrut Channel	11.52	2.39
26 05 29 00-0030		**12 Gauge, 304 Stainless Steel Unistrut Channel** *(26 05 29 00-0019)*		
26 05 29 00-0031	EA	Up To 1' Length x 1-5/8" Wide x 13/16" High, 12 Gauge, 304 Stainless Steel Unistrut Channel	50.82	6.36
26 05 29 00-0032	EA	Up To 1' Length x 1-5/8" Wide x 1-5/8" High, 12 Gauge, 304 Stainless Steel Unistrut Channel	59.98	6.36
26 05 29 00-0033	EA	>1' To 2' Length x 1-5/8" Wide x 13/16" High, 12 Gauge, 304 Stainless Steel Unistrut Channel	83.65	6.36
26 05 29 00-0034	EA	>1' To 2' Length x 1-5/8" Wide x 1-5/8" High, 12 Gauge, 304 Stainless Steel Unistrut Channel	101.97	6.36
26 05 29 00-0035	LF	>2' Length x 1-5/8" Wide x 13/16" High, 12 Gauge, 304 Stainless Steel Unistrut Channel	40.78	2.39
26 05 29 00-0036	LF	>2' Length x 1-5/8" Wide x 1-5/8" High, 12 Gauge, 304 Stainless Steel Unistrut Channel	49.94	2.39
26 05 29 00-0037		**Metal Framing Channel Fittings** *(26 05 29 00-0001)*		
26 05 29 00-0038		**Unistrut Channel Closure Strips And Caps** *(26 05 29 00-0037)*		
26 05 29 00-0039		**Steel Unistrut Channel Closure Strips And Caps** *(26 05 29 00-0038)*		
26 05 29 00-0040	LF	Steel Raceway Closure Strip, Unistrut Channel Fittings	6.23	0.58
26 05 29 00-0041	EA	Steel End Cap, Unistrut Channel Fittings	7.80	2.90
26 05 29 00-0042		**Stainless Steel Unistrut Channel Closure Strips And Caps** *(26 05 29 00-0038)*		
26 05 29 00-0043	EA	Stainless Steel End Cap For Unistrut Channel	19.51	2.90
26 05 29 00-0044		**Flat Splice Plate, Unistrut Channel Fittings** *(26 05 29 00-0037)*		
26 05 29 00-0045		**Steel Flat Splice Plate, Unistrut Channel Fittings** *(26 05 29 00-0044)*		
26 05 29 00-0046	EA	2-Hole, 3-1/4" Length, In-Line, Flat Splice Plate, Steel, Unistrut Channel Fitting	6.22	
26 05 29 00-0047	EA	3-Hole, 5-3/8" Length, In-Line, Flat Splice Plate, Steel, Unistrut Channel Fitting	6.18	
26 05 29 00-0048	EA	4-Hole, 7-1/4" Length, In-Line, Flat Splice Plate, Steel, Unistrut Channel Fitting	7.49	
26 05 29 00-0049		**Stainless Steel Flat Splice Plate, Unistrut Channel Fittings** *(26 05 29 00-0044)*		
26 05 29 00-0050	EA	2-Hole, 3-1/2" Length, In-Line, Flat Splice Plate, 304 Stainless Steel, Unistrut Channel Fitting	24.66	
26 05 29 00-0051	EA	3-Hole, 5-3/8" Length, In-Line, Flat Splice Plate, 304 Stainless Steel, Unistrut Channel Fitting	37.12	
26 05 29 00-0052	EA	4-Hole, 7-1/4" Length, In-Line, Flat Splice Plate, 304 Stainless Steel, Unistrut Channel Fitting	47.66	
26 05 29 00-0053		**90 Degree Angle, Unistrut Channel Fittings** *(26 05 29 00-0037)*		
26 05 29 00-0054		**Steel 90 Degree Angle, Unistrut Channel Fittings** *(26 05 29 00-0053)*		
26 05 29 00-0055	EA	2-Hole, 1-7/8" x 2", 90 Degree Angle, Steel, Unistrut Channel Fitting	6.03	
26 05 29 00-0056	EA	2-Hole, 1-5/8" x 2-1/4", 90 Degree Angle, Steel, Unistrut Channel Fitting	5.07	
26 05 29 00-0057	EA	3-Hole, 1-5/8" x 4-1/8", 90 Degree Angle, Steel, Unistrut Channel Fitting	8.65	
26 05 29 00-0058	EA	3-Hole, 1-7/8" x 3-7/8", 90 Degree Angle, Steel, Unistrut Channel Fitting	8.53	
26 05 29 00-0059		**Stainless Steel 90 Degree Angle, Unistrut Channel Fittings** *(26 05 29 00-0053)*		
26 05 29 00-0060	EA	2-Hole, 1-7/8" x 2", 90 Degree Angle, 304 Stainless Steel, Unistrut Channel Fitting	13.74	
26 05 29 00-0061	EA	2-Hole, 1-7/8" x 2", 90 Degree Angle, 316 Stainless Steel, Unistrut Channel Fitting	17.39	
26 05 29 00-0062	EA	2-Hole, 1-5/8" x 2-1/4", 90 Degree Angle, 304 Stainless Steel, Unistrut Channel Fitting	14.62	
26 05 29 00-0063	EA	2-Hole, 1-5/8" x 2-1/4", 90 Degree Angle, 316 Stainless Steel, Unistrut Channel Fitting	21.13	
26 05 29 00-0064	EA	3-Hole, 1-5/8" x 4-1/8", 90 Degree Angle, 304 Stainless Steel, Unistrut Channel Fitting	19.24	
26 05 29 00-0065	EA	3-Hole, 1-5/8" x 4-1/8", 90 Degree Angle, 316 Stainless Steel, Unistrut Channel Fitting	36.25	
26 05 29 00-0066	EA	3-Hole, 1-7/8" x 3-7/8", 90 Degree Angle, 304 Stainless Steel, Unistrut Channel Fitting	20.27	
26 05 29 00-0067	EA	3-Hole, 1-7/8" x 3-7/8", 90 Degree Angle, 316 Stainless Steel, Unistrut Channel Fitting	29.80	
26 05 29 00-0068		**60 Degree Angle, Unistrut Channel Fittings** *(26 05 29 00-0037)*		
26 05 29 00-0069		**Steel 60 Degree Angle, Unistrut Channel Fittings** *(26 05 29 00-0068)*		
26 05 29 00-0070	EA	2-Hole, 1-7/8" x 3-3/8", 60 Degree Angle, Steel, Unistrut Channel Fitting	12.31	
26 05 29 00-0071		**U-Connector, Unistrut Channel Fittings** *(26 05 29 00-0037)*		
26 05 29 00-0072		**Steel, U-Connector, Unistrut Channel Fittings** *(26 05 29 00-0071)*		
26 05 29 00-0073	EA	3-Hole, 1-5/8" x 13/16", U-Connector, Steel, Unistrut Channel Fitting	4.44	
26 05 29 00-0074	EA	5-Hole, 1-5/8" x 1-5/8", U-Connector, Steel, Unistrut Channel Fitting	4.93	
26 05 29 00-0075		**Stainless Steel, U-Connector, Unistrut Channel Fittings** *(26 05 29 00-0071)*		
26 05 29 00-0076	EA	5-Hole, 1-5/8" x 1-5/8", U-Connector, 304 Stainless Steel, Unistrut Channel Fitting	29.58	
26 05 29 00-0077		**Z-Bracket, Unistrut Channel Fittings** *(26 05 29 00-0037)*		
26 05 29 00-0078		**Steel Z-Bracket, Unistrut Channel Fittings** *(26 05 29 00-0077)*		
26 05 29 00-0079	EA	3-Hole, Z-Bracket, Steel, Unistrut Channel Fitting	12.63	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0080		Stainless Steel Z-Bracket, Unistrut Channel Fittings *(26 05 29 00-0077)*		
26 05 29 00-0081	EA	3-Hole, Z-Bracket, 304 Stainless Steel, Unistrut Channel Fitting	58.38	
26 05 29 00-0082		Standard Pipe And Rigid Conduit Clamps For Unistrut Channel *(26 05 29 00-0037)* Note: Includes hex screw and nut.		
26 05 29 00-0083		Steel, Standard Pipe And Rigid Conduit Clamps For Unistrut Channel *(26 05 29 00-0082)* Note: Includes hex screw and nut.		
26 05 29 00-0084	EA	1/2" Diameter, Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	4.89	1.74
26 05 29 00-0085	EA	3/4" Diameter, Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	4.91	1.74
26 05 29 00-0086	EA	1" Diameter, Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	5.02	1.74
26 05 29 00-0087	EA	1-1/4" Diameter, Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	6.35	2.32
26 05 29 00-0088	EA	1-1/2" Diameter, Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	6.92	2.32
26 05 29 00-0089	EA	2" Diameter, Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	6.98	2.32
26 05 29 00-0090	EA	2-1/2" Diameter, Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	8.54	2.90
26 05 29 00-0091	EA	3" Diameter, Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	9.05	2.90
26 05 29 00-0092	EA	3-1/2" Diameter, Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	9.54	2.90
26 05 29 00-0093	EA	4" Diameter, Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	9.72	2.90
26 05 29 00-0094		304 Stainless Steel, Standard Pipe And Rigid Conduit Clamps For Unistrut Channel *(26 05 29 00-0082)* Note: Includes hex screw and nut.		
26 05 29 00-0095	EA	1/2" Diameter, 304 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	10.17	1.74
26 05 29 00-0096	EA	3/4" Diameter, 304 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	11.55	1.74
26 05 29 00-0097	EA	1" Diameter, 304 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	12.94	1.74
26 05 29 00-0098	EA	1-1/4" Diameter, 304 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	15.94	2.32
26 05 29 00-0099	EA	1-1/2" Diameter, 304 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	19.80	2.32
26 05 29 00-0100	EA	2" Diameter, 304 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	20.82	2.32
26 05 29 00-0101	EA	2-1/2" Diameter, 304 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	24.86	2.90
26 05 29 00-0102	EA	3" Diameter, 304 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	28.30	2.90
26 05 29 00-0103	EA	3-1/2" Diameter, 304 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	29.77	2.90
26 05 29 00-0104	EA	4" Diameter, 304 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	35.22	2.90
26 05 29 00-0105		316 Stainless Steel, Standard Pipe And Rigid Conduit Clamps For Unistrut Channel *(26 05 29 00-0082)* Note: Includes hex screw and nut.		
26 05 29 00-0106	EA	1/2" Diameter, 316 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	11.01	1.74
26 05 29 00-0107	EA	3/4" Diameter, 316 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	12.98	1.74
26 05 29 00-0108	EA	1" Diameter, 316 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	13.54	1.74
26 05 29 00-0109	EA	1-1/4" Diameter, 316 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	16.21	2.32
26 05 29 00-0110	EA	1-1/2" Diameter, 316 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	22.97	2.32
26 05 29 00-0111	EA	2" Diameter, 316 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	23.31	2.32
26 05 29 00-0112	EA	2-1/2" Diameter, 316 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	27.47	2.90
26 05 29 00-0113	EA	3" Diameter, 316 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	29.21	2.90
26 05 29 00-0114	EA	3-1/2" Diameter, 316 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	41.65	2.90
26 05 29 00-0115	EA	4" Diameter, 316 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	49.26	2.90
26 05 29 00-0116		Beam Clamps, Unistrut Channel Fittings *(26 05 29 00-0037)*		
26 05 29 00-0117		Steel Beam Clamps, Unistrut Channel Fittings *(26 05 29 00-0116)*		
26 05 29 00-0118	EA	Set Screw Beam Clamp, Steel Unistrut Channel Fitting	35.99	10.59
26 05 29 00-0119	EA	"C" Beam Clamp Use With 1/2" Rod, Steel Unistrut Channel Fittings	24.59	10.59
26 05 29 00-0120	EA	"U" Bolt Beam Clamp, Steel Unistrut Channel Fitting	34.84	10.59
26 05 29 00-0121		304 Stainless Steel Beam Clamps, Unistrut Channel Fittings *(26 05 29 00-0116)*		
26 05 29 00-0122	EA	"U" Bolt Beam Clamp, 304 Stainless Steel Unistrut Channel Fitting	62.32	10.59
26 05 29 00-0123		Square Washers For Unistrut Channel *(26 05 29 00-0037)*		
26 05 29 00-0124		Steel Square Washers For Unistrut Channel *(26 05 29 00-0123)*		
26 05 29 00-0125	EA	1/2" Bolt Size, Steel, Square Washer For Unistrut Channel	4.40	
26 05 29 00-0126		Stainless Steel Square Washers For Unistrut Channel *(26 05 29 00-0123)*		
26 05 29 00-0127	EA	1/2" Bolt Size, 304 Stainless Steel, Square Washer For Unistrut Channel	6.51	
26 05 29 00-0128	EA	1/2" Bolt Size, 316 Stainless Steel, Square Washer For Unistrut Channel	8.41	
26 05 29 00-0129		Strut Braces, Unistrut Channel Fittings *(26 05 29 00-0037)*		
26 05 29 00-0130	EA	16" Diagonal Steel Bar Brace For Unistrut Channel	34.45	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0131		**Trolley Hangers, Unistrut Channel Fittings** *(26 05 29 00-0037)*		
26 05 29 00-0132	EA	Steel Trolley Track Hanger For Unistrut Channel	42.85	
26 05 29 00-0133		**Lock Nuts With Spring For Unistrut Channel** *(26 05 29 00-0037)*		
		Note: Includes hex bolt.		
26 05 29 00-0134		**Steel Lock Nuts With Spring For Unistrut Channel** *(26 05 29 00-0133)*		
		Note: Includes hex bolt.		
26 05 29 00-0135	EA	1/4-20, Steel Lock Nut With Spring For Unistrut Channel	7.76	
26 05 29 00-0136	EA	3/8-16, Steel Lock Nut With Spring For Unistrut Channel	8.46	
26 05 29 00-0137	EA	1/2-13, Steel Lock Nut With Spring For Unistrut Channel	8.98	
26 05 29 00-0138	EA	5/8-11, Steel Lock Nut With Spring For Unistrut Channel	11.80	
26 05 29 00-0139		**Stainless Steel Lock Nuts With Spring For Unistrut Channel** *(26 05 29 00-0133)*		
		Note: Includes hex bolt.		
26 05 29 00-0140	EA	1/4-20, 316 Stainless Steel Lock Nut With Spring For Unistrut Channel	19.95	
26 05 29 00-0141	EA	3/8-16, 316 Stainless Steel Lock Nut With Spring For Unistrut Channel	21.25	
26 05 29 00-0142	EA	1/2-13, 316 Stainless Steel Lock Nut With Spring For Unistrut Channel	30.14	
26 05 29 00-0143	EA	5/8-11, 316 Stainless Steel Lock Nut With Spring For Unistrut Channel	51.67	
26 05 29 00-0144		**Lock Nuts Without Spring For Unistrut Channel** *(26 05 29 00-0037)*		
		Note: Includes hex bolt.		
26 05 29 00-0145		**Steel Lock Nuts Without Spring For Unistrut Channel** *(26 05 29 00-0144)*		
		Note: Includes hex bolt.		
26 05 29 00-0146	EA	1/4-20, Steel Lock Nut Without Spring For Unistrut Channel	7.78	
26 05 29 00-0147	EA	3/8-16, Steel Lock Nut Without Spring For Unistrut Channel	8.56	
26 05 29 00-0148	EA	1/2-13, Steel Lock Nut Without Spring For Unistrut Channel	9.02	
26 05 29 00-0149	EA	5/8-11, Steel Lock Nut Without Spring For Unistrut Channel	12.61	
26 05 29 00-0150		**Stainless Steel Lock Nuts Without Spring For Unistrut Channel** *(26 05 29 00-0144)*		
		Note: Includes hex bolt.		
26 05 29 00-0151	EA	1/4-20, 316 Stainless Steel Lock Nut Without Spring For Unistrut Channel	14.25	
26 05 29 00-0152	EA	3/8-16, 316 Stainless Steel Lock Nut Without Spring For Unistrut Channel	17.22	
26 05 29 00-0153	EA	1/2-13, 316 Stainless Steel Lock Nut Without Spring For Unistrut Channel	18.78	
26 05 29 00-0154	EA	5/8-11, 316 Stainless Steel Lock Nut Without Spring For Unistrut Channel	50.33	
26 05 29 00-0155		**Mounting Assemblies** *(26 05 29)*		
26 05 29 00-0156		**Galvanized Steel Mounting Assemblies** *(26 05 29 00-0155)*		
26 05 29 00-0157		**Galvanized Steel Back Plate** *(26 05 29 00-0156)*		
26 05 29 00-0158	EA	1/4" x 4' x 4', Galvanized Steel Back Plate, Painted	548.58	69.54
26 05 29 00-0159	EA	3/8" x 14" x 16", Galvanized Steel Back Plate, Painted	133.55	23.18
26 05 29 00-0160	EA	3/16" x 30" x 48", Galvanized Steel Back Plate, Painted	338.43	57.95
26 05 29 00-0161		**Aluminum Mounting Assemblies** *(26 05 29 00-0155)*		
26 05 29 00-0162		**Aluminum Back Plate** *(26 05 29 00-0161)*		
26 05 29 00-0163	EA	3/16" x 2' x 2' Aluminum Back Plate	455.29	86.93
26 05 29 00-0164	EA	3/16" x 4' x 4' Aluminum Back Plate	1,325.93	86.93
26 05 29 00-0165		**Supports** *(26 05 29)*		
26 05 29 00-0166		**One Hole Steel Conduit Straps** *(26 05 29 00-0165)*		
26 05 29 00-0167	EA	1/2", One Hole Steel Conduit Strap	4.25	
		For Work In Restricted Working Space, Add	*1.11*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.03*	
		For >50 To 100, Deduct	*-0.20*	
		For >100 To 250, Deduct	*-0.40*	
		For >250 To 500, Deduct	*-0.78*	
		For >500, Deduct	*-1.17*	
26 05 29 00-0168	EA	3/4", One Hole Steel Conduit Strap	4.30	
		For Work In Restricted Working Space, Add	*1.11*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.03*	
		For >50 To 100, Deduct	*-0.20*	
		For >100 To 250, Deduct	*-0.40*	
		For >250 To 500, Deduct	*-0.79*	
		For >500, Deduct	*-1.17*	
26 05 29 00-0169	EA	1", One Hole Steel Conduit Strap	4.56	
		For Work In Restricted Working Space, Add	*1.11*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.03*	
		For >50 To 100, Deduct	*-0.21*	
		For >100 To 250, Deduct	*-0.41*	
		For >250 To 500, Deduct	*-0.81*	
		For >500, Deduct	*-1.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0170	EA	1-1/4", One Hole Steel Conduit Strap	4.76	
		For Work In Restricted Working Space, Add	*1.11*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.03*	
		For >50 To 100, Deduct	*-0.21*	
		For >100 To 250, Deduct	*-0.42*	
		For >250 To 500, Deduct	*-0.82*	
		For >500, Deduct	*-1.22*	
26 05 29 00-0171	EA	1-1/2", One Hole Steel Conduit Strap	4.89	
		For Work In Restricted Working Space, Add	*1.11*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.03*	
		For >50 To 100, Deduct	*-0.22*	
		For >100 To 250, Deduct	*-0.43*	
		For >250 To 500, Deduct	*-0.83*	
		For >500, Deduct	*-1.23*	
26 05 29 00-0172	EA	2", One Hole Steel Conduit Strap	5.68	
		For Work In Restricted Working Space, Add	*1.11*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.03*	
		For >50 To 100, Deduct	*-0.23*	
		For >100 To 250, Deduct	*-0.47*	
		For >250 To 500, Deduct	*-0.89*	
		For >500, Deduct	*-1.31*	
26 05 29 00-0173	EA	2-1/2", One Hole Steel Conduit Strap	6.49	
		For Work In Restricted Working Space, Add	*1.11*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.03*	
		For >50 To 100, Deduct	*-0.26*	
		For >100 To 250, Deduct	*-0.51*	
		For >250 To 500, Deduct	*-0.95*	
		For >500, Deduct	*-1.39*	
26 05 29 00-0174	EA	3", One Hole Steel Conduit Strap	6.76	
		For Work In Restricted Working Space, Add	*1.11*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.03*	
		For >50 To 100, Deduct	*-0.26*	
		For >100 To 250, Deduct	*-0.52*	
		For >250 To 500, Deduct	*-0.97*	
		For >500, Deduct	*-1.42*	
26 05 29 00-0175	EA	3-1/2", One Hole Steel Conduit Strap	8.09	
		For Work In Restricted Working Space, Add	*1.11*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.03*	
		For >50 To 100, Deduct	*-0.30*	
		For >100 To 250, Deduct	*-0.59*	
		For >250 To 500, Deduct	*-1.07*	
		For >500, Deduct	*-1.55*	
26 05 29 00-0176	EA	4", One Hole Steel Conduit Strap	9.15	
		For Work In Restricted Working Space, Add	*1.11*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.03*	
		For >50 To 100, Deduct	*-0.32*	
		For >100 To 250, Deduct	*-0.64*	
		For >250 To 500, Deduct	*-1.15*	
		For >500, Deduct	*-1.66*	

26 05 29 00-0177 One Hole Iron Conduit Straps *(26 05 29 00-0165)*

26 05 29 00-0178	EA	1/2", One Hole Iron Conduit Strap	4.38	
		For Work In Restricted Working Space, Add	*1.11*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.03*	
		For >50 To 100, Deduct	*-0.20*	
		For >100 To 250, Deduct	*-0.40*	
		For >250 To 500, Deduct	*-0.79*	
		For >500, Deduct	*-1.18*	
26 05 29 00-0179	EA	3/4", One Hole Iron Conduit Strap	4.51	
		For Work In Restricted Working Space, Add	*1.11*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.03*	
		For >50 To 100, Deduct	*-0.21*	
		For >100 To 250, Deduct	*-0.41*	
		For >250 To 500, Deduct	*-0.80*	
		For >500, Deduct	*-1.19*	
26 05 29 00-0180	EA	1", One Hole Iron Conduit Strap	4.73	
		For Work In Restricted Working Space, Add	*1.11*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.03*	
		For >50 To 100, Deduct	*-0.21*	
		For >100 To 250, Deduct	*-0.42*	
		For >250 To 500, Deduct	*-0.82*	
		For >500, Deduct	*-1.22*	
26 05 29 00-0181	EA	1-1/4", One Hole Iron Conduit Strap	5.29	
		For Work In Restricted Working Space, Add	*1.11*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.03*	
		For >50 To 100, Deduct	*-0.23*	
		For >100 To 250, Deduct	*-0.45*	
		For >250 To 500, Deduct	*-0.86*	
		For >500, Deduct	*-1.27*	
26 05 29 00-0182	EA	1-1/2", One Hole Iron Conduit Strap	5.51	
		For Work In Restricted Working Space, Add	*1.11*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.03*	
		For >50 To 100, Deduct	*-0.23*	
		For >100 To 250, Deduct	*-0.46*	
		For >250 To 500, Deduct	*-0.88*	
		For >500, Deduct	*-1.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0183	EA	2", One Hole Iron Conduit Strap	6.91	
		For Work In Restricted Working Space, Add	*1.11*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.03*	
		For >50 To 100, Deduct	*-0.27*	
		For >100 To 250, Deduct	*-0.53*	
		For >250 To 500, Deduct	*-0.98*	
		For >500, Deduct	*-1.43*	
26 05 29 00-0184	EA	2-1/2", One Hole Iron Conduit Strap	9.92	
		For Work In Restricted Working Space, Add	*1.11*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.03*	
		For >50 To 100, Deduct	*-0.34*	
		For >100 To 250, Deduct	*-0.68*	
		For >250 To 500, Deduct	*-1.21*	
		For >500, Deduct	*-1.73*	
26 05 29 00-0185	EA	3", One Hole Iron Conduit Strap	12.43	
		For Work In Restricted Working Space, Add	*1.11*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.03*	
		For >50 To 100, Deduct	*-0.40*	
		For >100 To 250, Deduct	*-0.81*	
		For >250 To 500, Deduct	*-1.40*	
		For >500, Deduct	*-1.99*	
26 05 29 00-0186	EA	3-1/2", One Hole Iron Conduit Strap	16.10	
		For Work In Restricted Working Space, Add	*1.11*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.03*	
		For >50 To 100, Deduct	*-0.50*	
		For >100 To 250, Deduct	*-0.99*	
		For >250 To 500, Deduct	*-1.67*	
		For >500, Deduct	*-2.35*	
26 05 29 00-0187	EA	4", One Hole Iron Conduit Strap	30.80	
		For Work In Restricted Working Space, Add	*1.11*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.03*	
		For >50 To 100, Deduct	*-0.86*	
		For >100 To 250, Deduct	*-1.73*	
		For >250 To 500, Deduct	*-2.77*	
		For >500, Deduct	*-3.82*	
26 05 29 00-0188	EA	5", One Hole Iron Conduit Strap	38.70	
		For Work In Restricted Working Space, Add	*1.11*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.03*	
		For >50 To 100, Deduct	*-1.06*	
		For >100 To 250, Deduct	*-2.12*	
		For >250 To 500, Deduct	*-3.37*	
		For >500, Deduct	*-4.61*	

26 05 29 00-0189 Two Hole Steel Conduit Straps *(26 05 29 00-0165)*

26 05 29 00-0190	EA	1/2", Two Hole Steel Conduit Strap	4.94	
		For Work In Restricted Working Space, Add	*1.25*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.24*	
		For >50 To 100, Deduct	*-0.23*	
		For >100 To 250, Deduct	*-0.46*	
		For >250 To 500, Deduct	*-0.89*	
		For >500, Deduct	*-1.33*	
26 05 29 00-0191	EA	3/4", Two Hole Steel Conduit Strap	5.03	
		For Work In Restricted Working Space, Add	*1.25*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.24*	
		For >50 To 100, Deduct	*-0.23*	
		For >100 To 250, Deduct	*-0.46*	
		For >250 To 500, Deduct	*-0.90*	
		For >500, Deduct	*-1.34*	
26 05 29 00-0192	EA	1", Two Hole Steel Conduit Strap	5.07	
		For Work In Restricted Working Space, Add	*1.25*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.24*	
		For >50 To 100, Deduct	*-0.23*	
		For >100 To 250, Deduct	*-0.46*	
		For >250 To 500, Deduct	*-0.90*	
		For >500, Deduct	*-1.34*	
26 05 29 00-0193	EA	1-1/4", Two Hole Steel Conduit Strap	5.13	
		For Work In Restricted Working Space, Add	*1.25*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.24*	
		For >50 To 100, Deduct	*-0.23*	
		For >100 To 250, Deduct	*-0.47*	
		For >250 To 500, Deduct	*-0.91*	
		For >500, Deduct	*-1.35*	
26 05 29 00-0194	EA	1-1/2", Two Hole Steel Conduit Strap	5.18	
		For Work In Restricted Working Space, Add	*1.25*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.24*	
		For >50 To 100, Deduct	*-0.23*	
		For >100 To 250, Deduct	*-0.47*	
		For >250 To 500, Deduct	*-0.91*	
		For >500, Deduct	*-1.35*	
26 05 29 00-0195	EA	2", Two Hole Steel Conduit Strap	5.29	
		For Work In Restricted Working Space, Add	*1.25*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.24*	
		For >50 To 100, Deduct	*-0.24*	
		For >100 To 250, Deduct	*-0.47*	
		For >250 To 500, Deduct	*-0.92*	
		For >500, Deduct	*-1.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0196	EA	2-1/2", Two Hole Steel Conduit Strap	5.89	
		For Work In Restricted Working Space, Add	*1.25*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.24*	
		For >50 To 100, Deduct	*-0.25*	
		For >100 To 250, Deduct	*-0.50*	
		For >250 To 500, Deduct	*-0.96*	
		For >500, Deduct	*-1.42*	
26 05 29 00-0197	EA	3", Two Hole Steel Conduit Strap	6.02	
		For Work In Restricted Working Space, Add	*1.25*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.24*	
		For >50 To 100, Deduct	*-0.25*	
		For >100 To 250, Deduct	*-0.51*	
		For >250 To 500, Deduct	*-0.97*	
		For >500, Deduct	*-1.44*	
26 05 29 00-0198	EA	3-1/2", Two Hole Steel Conduit Strap	6.50	
		For Work In Restricted Working Space, Add	*1.25*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.24*	
		For >50 To 100, Deduct	*-0.27*	
		For >100 To 250, Deduct	*-0.53*	
		For >250 To 500, Deduct	*-1.01*	
		For >500, Deduct	*-1.48*	
26 05 29 00-0199	EA	4", Two Hole Steel Conduit Strap	6.82	
		For Work In Restricted Working Space, Add	*1.25*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.24*	
		For >50 To 100, Deduct	*-0.27*	
		For >100 To 250, Deduct	*-0.55*	
		For >250 To 500, Deduct	*-1.03*	
		For >500, Deduct	*-1.52*	
26 05 29 00-0200	EA	5", Two Hole Steel Conduit Strap	7.25	
		For Work In Restricted Working Space, Add	*1.25*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.24*	
		For >50 To 100, Deduct	*-0.29*	
		For >100 To 250, Deduct	*-0.57*	
		For >250 To 500, Deduct	*-1.07*	
		For >500, Deduct	*-1.56*	

26 05 29 00-0201 Clamp Back Spacers *(26 05 29 00-0165)*

26 05 29 00-0202	EA	1/2" Conduit, Clamp Back Spacer	3.87	
		For Work In Restricted Working Space, Add	*0.87*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*0.83*	
		For >50 To 100, Deduct	*-0.17*	
		For >100 To 250, Deduct	*-0.34*	
		For >250 To 500, Deduct	*-0.65*	
		For >500, Deduct	*-0.97*	
26 05 29 00-0203	EA	3/4" Conduit, Clamp Back Spacer	4.18	
		For Work In Restricted Working Space, Add	*0.87*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*0.83*	
		For >50 To 100, Deduct	*-0.18*	
		For >100 To 250, Deduct	*-0.35*	
		For >250 To 500, Deduct	*-0.68*	
		For >500, Deduct	*-1.00*	
26 05 29 00-0204	EA	1" Conduit, Clamp Back Spacer	4.46	
		For Work In Restricted Working Space, Add	*0.87*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*0.83*	
		For >50 To 100, Deduct	*-0.18*	
		For >100 To 250, Deduct	*-0.37*	
		For >250 To 500, Deduct	*-0.70*	
		For >500, Deduct	*-1.03*	
26 05 29 00-0205	EA	1-1/4" Conduit, Clamp Back Spacer	5.57	
		For Work In Restricted Working Space, Add	*0.87*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*0.83*	
		For >50 To 100, Deduct	*-0.21*	
		For >100 To 250, Deduct	*-0.42*	
		For >250 To 500, Deduct	*-0.78*	
		For >500, Deduct	*-1.14*	
26 05 29 00-0206	EA	1-1/2" Conduit, Clamp Back Spacer	6.46	
		For Work In Restricted Working Space, Add	*0.87*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*0.83*	
		For >50 To 100, Deduct	*-0.23*	
		For >100 To 250, Deduct	*-0.47*	
		For >250 To 500, Deduct	*-0.85*	
		For >500, Deduct	*-1.23*	
26 05 29 00-0207	EA	2" Conduit, Clamp Back Spacer	7.40	
		For Work In Restricted Working Space, Add	*0.87*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*0.83*	
		For >50 To 100, Deduct	*-0.26*	
		For >100 To 250, Deduct	*-0.52*	
		For >250 To 500, Deduct	*-0.92*	
		For >500, Deduct	*-1.32*	
26 05 29 00-0208	EA	2-1/2" Conduit, Clamp Back Spacer	11.20	
		For Work In Restricted Working Space, Add	*0.87*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*0.83*	
		For >50 To 100, Deduct	*-0.35*	
		For >100 To 250, Deduct	*-0.71*	
		For >250 To 500, Deduct	*-1.20*	
		For >500, Deduct	*-1.70*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0209	EA	3" Conduit, Clamp Back Spacer	15.75	
		For Work In Restricted Working Space, Add	*0.87*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*0.83*	
		For >50 To 100, Deduct	*-0.47*	
		For >100 To 250, Deduct	*-0.93*	
		For >250 To 500, Deduct	*-1.54*	
		For >500, Deduct	*-2.16*	
26 05 29 00-0210	EA	3-1/2" Conduit, Clamp Back Spacer	20.17	
		For Work In Restricted Working Space, Add	*0.87*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*0.83*	
		For >50 To 100, Deduct	*-0.58*	
		For >100 To 250, Deduct	*-1.15*	
		For >250 To 500, Deduct	*-1.88*	
		For >500, Deduct	*-2.60*	
26 05 29 00-0211	EA	4" Conduit, Clamp Back Spacer	40.90	
		For Work In Restricted Working Space, Add	*0.87*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*0.83*	
		For >50 To 100, Deduct	*-1.10*	
		For >100 To 250, Deduct	*-2.19*	
		For >250 To 500, Deduct	*-3.43*	
		For >500, Deduct	*-4.67*	
26 05 29 00-0212	EA	5" Conduit, Clamp Back Spacer	75.90	
		For Work In Restricted Working Space, Add	*0.87*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*0.83*	
		For >50 To 100, Deduct	*-1.97*	
		For >100 To 250, Deduct	*-3.94*	
		For >250 To 500, Deduct	*-6.06*	
		For >500, Deduct	*-8.17*	

26 05 29 00-0213 Conduit Clips *(26 05 29 00-0165)*

Note: Push in or clip.

26 05 29 00-0214	EA	1/2" Conduit Clip	4.88	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.03*	
		For >50 To 100, Deduct	*-0.21*	
		For >100 To 250, Deduct	*-0.43*	
		For >250 To 500, Deduct	*-0.83*	
		For >500, Deduct	*-1.23*	
26 05 29 00-0215	EA	3/4" Conduit Clip	4.88	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.03*	
		For >50 To 100, Deduct	*-0.21*	
		For >100 To 250, Deduct	*-0.43*	
		For >250 To 500, Deduct	*-0.83*	
		For >500, Deduct	*-1.23*	
26 05 29 00-0216	EA	1" Conduit Clip	4.78	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.03*	
		For >50 To 100, Deduct	*-0.21*	
		For >100 To 250, Deduct	*-0.42*	
		For >250 To 500, Deduct	*-0.82*	
		For >500, Deduct	*-1.22*	
26 05 29 00-0217	EA	1-1/4" Conduit Clip	5.01	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.03*	
		For >50 To 100, Deduct	*-0.22*	
		For >100 To 250, Deduct	*-0.44*	
		For >250 To 500, Deduct	*-0.84*	
		For >500, Deduct	*-1.24*	

26 05 29 00-0218 Bolt And Nut Conduit Clips *(26 05 29 00-0165)*

26 05 29 00-0219	EA	3/4" Bolt And Nut Conduit Clip (Minerallac 1B)	6.05	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.26*	
		For >50 To 100, Deduct	*-0.27*	
		For >100 To 250, Deduct	*-0.53*	
		For >250 To 500, Deduct	*-1.03*	
		For >500, Deduct	*-1.53*	
26 05 29 00-0220	EA	1" Bolt And Nut Conduit Clip (Minerallac 2B)	6.28	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.26*	
		For >50 To 100, Deduct	*-0.27*	
		For >100 To 250, Deduct	*-0.55*	
		For >250 To 500, Deduct	*-1.05*	
		For >500, Deduct	*-1.56*	
26 05 29 00-0221	EA	1-1/4" Bolt And Nut Conduit Clip (Minerallac 2-1/2B)	6.68	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.33*	
		For >50 To 100, Deduct	*-0.29*	
		For >100 To 250, Deduct	*-0.58*	
		For >250 To 500, Deduct	*-1.12*	
		For >500, Deduct	*-1.65*	
26 05 29 00-0222	EA	1-1/2" Bolt And Nut Conduit Clip (Minerallac 3B)	6.81	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.33*	
		For >50 To 100, Deduct	*-0.29*	
		For >100 To 250, Deduct	*-0.59*	
		For >250 To 500, Deduct	*-1.13*	
		For >500, Deduct	*-1.67*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0223	EA	2" Bolt And Nut Conduit Clip (Minerallac 5B)	7.67	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.33*	
		For >50 To 100, Deduct	*-0.31*	
		For >100 To 250, Deduct	*-0.63*	
		For >250 To 500, Deduct	*-1.19*	
		For >500, Deduct	*-1.75*	
26 05 29 00-0224	EA	2-1/2" Bolt And Nut Conduit Clip (Minerallac 6B)	8.33	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.40*	
		For >50 To 100, Deduct	*-0.34*	
		For >100 To 250, Deduct	*-0.68*	
		For >250 To 500, Deduct	*-1.28*	
		For >500, Deduct	*-1.88*	
26 05 29 00-0225	EA	3" Bolt And Nut Conduit Clip (Minerallac 7B)	9.09	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.40*	
		For >50 To 100, Deduct	*-0.36*	
		For >100 To 250, Deduct	*-0.72*	
		For >250 To 500, Deduct	*-1.33*	
		For >500, Deduct	*-1.95*	
26 05 29 00-0226	EA	4" Bolt And Nut Conduit Clip (Minerallac 9B)	16.87	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.55*	
		For >50 To 100, Deduct	*-0.57*	
		For >100 To 250, Deduct	*-1.13*	
		For >250 To 500, Deduct	*-1.99*	
		For >500, Deduct	*-2.85*	

26 05 29 00-0227 Conduit Hanger From Flange, Wire Or Rod *(26 05 29 00-0165)*

Note: Bat wing.

26 05 29 00-0228	EA	1/2", Conduit Hanger From Flange, Wire Or Rod	3.52	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*0.80*	
		For >50 To 100, Deduct	*-0.16*	
		For >100 To 250, Deduct	*-0.32*	
		For >250 To 500, Deduct	*-0.61*	
		For >500, Deduct	*-0.91*	
26 05 29 00-0229	EA	3/4", Conduit Hanger From Flange, Wire Or Rod	3.58	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*0.80*	
		For >50 To 100, Deduct	*-0.16*	
		For >100 To 250, Deduct	*-0.32*	
		For >250 To 500, Deduct	*-0.62*	
		For >500, Deduct	*-0.92*	
26 05 29 00-0230	EA	1", Conduit Hanger From Flange, Wire Or Rod	3.75	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*0.80*	
		For >50 To 100, Deduct	*-0.16*	
		For >100 To 250, Deduct	*-0.33*	
		For >250 To 500, Deduct	*-0.63*	
		For >500, Deduct	*-0.93*	
26 05 29 00-0231	EA	1-1/4", Conduit Hanger From Flange, Wire Or Rod	4.18	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*0.80*	
		For >50 To 100, Deduct	*-0.17*	
		For >100 To 250, Deduct	*-0.35*	
		For >250 To 500, Deduct	*-0.66*	
		For >500, Deduct	*-0.98*	

26 05 29 00-0232 Beam Flange Clamps *(26 05 29 00-0165)*

Note: For threaded rod, nut not required.

26 05 29 00-0233	EA	1/8" To 1/4" Flange Thickness, Beam Clamp (Caddy 6TA24)	5.32	
		For >50 To 100, Deduct	*-0.21*	
		For >100 To 250, Deduct	*-0.41*	
		For >250 To 500, Deduct	*-0.76*	
		For >500, Deduct	*-1.11*	
26 05 29 00-0234	EA	5/16" To 1/2" Flange Thickness, Beam Clamp (Caddy 6TA58)	5.21	
		For >50 To 100, Deduct	*-0.20*	
		For >100 To 250, Deduct	*-0.41*	
		For >250 To 500, Deduct	*-0.75*	
		For >500, Deduct	*-1.10*	
26 05 29 00-0235	EA	9/16" To 3/4" Flange Thickness, Beam Clamp (Caddy 6TA912)	5.87	
		For >50 To 100, Deduct	*-0.22*	
		For >100 To 250, Deduct	*-0.44*	
		For >250 To 500, Deduct	*-0.80*	
		For >500, Deduct	*-1.17*	

26 05 29 00-0236 T-Bar Support Clips *(26 05 29 00-0165)*

26 05 29 00-0237	EA	9/16" Grid Size, Independent T-Bar Support Clip (Caddy IDS95)	8.72	
		For >50 To 100, Deduct	*-0.36*	
		For >100 To 250, Deduct	*-0.73*	
		For >250 To 500, Deduct	*-1.38*	
		For >500, Deduct	*-2.03*	
26 05 29 00-0238	EA	15/16" Grid Size, Independent T-Bar Support Clip (Caddy IDS)	8.20	
		For >50 To 100, Deduct	*-0.35*	
		For >100 To 250, Deduct	*-0.70*	
		For >250 To 500, Deduct	*-1.34*	
		For >500, Deduct	*-1.98*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0239	EA	15/16 Grid Size, Twist On T-Bar Support Clip (Caddy 4G16)	3.25	
		For >50 To 100, Deduct	*-0.12*	
		For >100 To 250, Deduct	*-0.24*	
		For >250 To 500, Deduct	*-0.43*	
		For >500, Deduct	*-0.62*	
26 05 29 00-0240	EA	24" Long Snap On T-Bar Electrical Box Hanger (Caddy 512)	28.15	
		For >50 To 100, Deduct	*-0.76*	
		For >100 To 250, Deduct	*-1.52*	
		For >250 To 500, Deduct	*-2.40*	
		For >500, Deduct	*-3.28*	

26 05 29 00-0241 Switch And Outlet Box Type Supports *(26 05 29 00-0165)*

26 05 29 00-0242	EA	1/4" To 3/4" Drywall Thickness, Adjustable Switch And Outlet Box Support (Caddy MFS)	6.73	
		For >50 To 100, Deduct	*-0.23*	
		For >100 To 250, Deduct	*-0.45*	
		For >250 To 500, Deduct	*-0.79*	
		For >500, Deduct	*-1.14*	
26 05 29 00-0243	EA	1/2" Drywall Thickness, Riveted Switch And Outlet Box Support (Caddy MF500)	5.64	
		For >50 To 100, Deduct	*-0.20*	
		For >100 To 250, Deduct	*-0.40*	
		For >250 To 500, Deduct	*-0.71*	
		For >500, Deduct	*-1.03*	
26 05 29 00-0244	EA	Flush, Riveted Switch And Outlet Box Support (Caddy MFO)	6.58	
		For >50 To 100, Deduct	*-0.22*	
		For >100 To 250, Deduct	*-0.45*	
		For >250 To 500, Deduct	*-0.78*	
		For >500, Deduct	*-1.12*	
26 05 29 00-0245	EA	Snap On, Switch And Outlet Box Support (Caddy MSF)	4.09	
		For >50 To 100, Deduct	*-0.16*	
		For >100 To 250, Deduct	*-0.32*	
		For >250 To 500, Deduct	*-0.60*	
		For >500, Deduct	*-0.87*	
26 05 29 00-0246	EA	1/4-20 Thread Impression, Switch And Outlet Box Support (Caddy MFI)	4.29	
		For >50 To 100, Deduct	*-0.17*	
		For >100 To 250, Deduct	*-0.33*	
		For >250 To 500, Deduct	*-0.61*	
		For >500, Deduct	*-0.89*	

26 05 29 00-0247 Lighting Fixture Hanger *(26 05 29 00-0165)*

Note: For existing or owner furnished fixtures.

26 05 29 00-0248	EA	Lay-In/Troffer, Straight Lip Type Fixture Support Clip (Caddy 515)	5.70	
		For >50 To 100, Deduct	*-0.26*	
		For >100 To 250, Deduct	*-0.52*	
		For >250 To 500, Deduct	*-1.01*	
		For >500, Deduct	*-1.50*	
26 05 29 00-0249	PR	Support Bars For Recessed "High Hat" Light Fixtures (Caddy 517)	21.82	
		For >50 To 100, Deduct	*-0.66*	
		For >100 To 250, Deduct	*-1.32*	
		For >250 To 500, Deduct	*-2.22*	
		For >500, Deduct	*-3.11*	
26 05 29 00-0250	PR	Support Bars For Recessed "Lightolier" Light Fixtures (Caddy 520)	30.28	
		For >50 To 100, Deduct	*-0.87*	
		For >100 To 250, Deduct	*-1.75*	
		For >250 To 500, Deduct	*-2.85*	
		For >500, Deduct	*-3.96*	

26 05 29 00-0251 Rigid Steel Conduit Clamps For Unistrut Channel *(26 05 29 00-0165)*

26 05 29 00-0252	EA	1/2" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel	4.89	
		For >50 To 100, Deduct	*-0.21*	
		For >100 To 250, Deduct	*-0.42*	
		For >250 To 500, Deduct	*-0.80*	
		For >500, Deduct	*-1.19*	
		For Work In Restricted Working Space, Add	*1.04*	
26 05 29 00-0253	EA	3/4" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel	4.91	
		For >50 To 100, Deduct	*-0.21*	
		For >100 To 250, Deduct	*-0.42*	
		For >250 To 500, Deduct	*-0.80*	
		For >500, Deduct	*-1.19*	
		For Work In Restricted Working Space, Add	*1.04*	
26 05 29 00-0254	EA	1" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel	5.02	
		For >50 To 100, Deduct	*-0.21*	
		For >100 To 250, Deduct	*-0.43*	
		For >250 To 500, Deduct	*-0.81*	
		For >500, Deduct	*-1.20*	
		For Work In Restricted Working Space, Add	*1.04*	
26 05 29 00-0255	EA	1-1/4" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel	6.34	
		For >50 To 100, Deduct	*-0.27*	
		For >100 To 250, Deduct	*-0.55*	
		For >250 To 500, Deduct	*-1.06*	
		For >500, Deduct	*-1.56*	
		For Work In Restricted Working Space, Add	*1.39*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0256	EA	1-1/2" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel	6.91	
		For >50 To 100, Deduct	*-0.29*	
		For >100 To 250, Deduct	*-0.58*	
		For >250 To 500, Deduct	*-1.10*	
		For >500, Deduct	*-1.62*	
		For Work In Restricted Working Space, Add	*1.39*	
26 05 29 00-0257	EA	2" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel	6.97	
		For >50 To 100, Deduct	*-0.29*	
		For >100 To 250, Deduct	*-0.58*	
		For >250 To 500, Deduct	*-1.10*	
		For >500, Deduct	*-1.63*	
		For Work In Restricted Working Space, Add	*1.39*	
26 05 29 00-0258	EA	2-1/2" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel	8.53	
		For >50 To 100, Deduct	*-0.36*	
		For >100 To 250, Deduct	*-0.72*	
		For >250 To 500, Deduct	*-1.36*	
		For >500, Deduct	*-2.01*	
		For Work In Restricted Working Space, Add	*1.74*	
26 05 29 00-0259	EA	3" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel	9.04	
		For >50 To 100, Deduct	*-0.37*	
		For >100 To 250, Deduct	*-0.74*	
		For >250 To 500, Deduct	*-1.40*	
		For >500, Deduct	*-2.06*	
		For Work In Restricted Working Space, Add	*1.74*	
26 05 29 00-0260	EA	3-1/2" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel	9.53	
		For >50 To 100, Deduct	*-0.38*	
		For >100 To 250, Deduct	*-0.77*	
		For >250 To 500, Deduct	*-1.44*	
		For >500, Deduct	*-2.11*	
		For Work In Restricted Working Space, Add	*1.74*	
26 05 29 00-0261	EA	4" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel	9.71	
		For >50 To 100, Deduct	*-0.39*	
		For >100 To 250, Deduct	*-0.78*	
		For >250 To 500, Deduct	*-1.45*	
		For >500, Deduct	*-2.13*	
		For Work In Restricted Working Space, Add	*1.74*	

26 05 29 00-0262 Electrical Metallic Tubing (EMT) Conduit Clamps For Unistrut Channel *(26 05 29 00-0165)*

26 05 29 00-0263	EA	1/2" Diameter, Electrical Metallic Tubing (EMT) Conduit Clamp For Unistrut Channel	5.26	
		For >50 To 100, Deduct	*-0.22*	
		For >100 To 250, Deduct	*-0.44*	
		For >250 To 500, Deduct	*-0.83*	
		For >500, Deduct	*-1.22*	
		For Work In Restricted Working Space, Add	*1.04*	
26 05 29 00-0264	EA	3/4" Diameter, Electrical Metallic Tubing (EMT) Conduit Clamp For Unistrut Channel	5.22	
		For >50 To 100, Deduct	*-0.22*	
		For >100 To 250, Deduct	*-0.44*	
		For >250 To 500, Deduct	*-0.83*	
		For >500, Deduct	*-1.22*	
		For Work In Restricted Working Space, Add	*1.04*	
26 05 29 00-0265	EA	1" Diameter, Electrical Metallic Tubing (EMT) Conduit Clamp For Unistrut Channel	5.16	
		For >50 To 100, Deduct	*-0.22*	
		For >100 To 250, Deduct	*-0.43*	
		For >250 To 500, Deduct	*-0.82*	
		For >500, Deduct	*-1.21*	
		For Work In Restricted Working Space, Add	*1.04*	
26 05 29 00-0266	EA	1-1/4" Diameter, Electrical Metallic Tubing (EMT) Conduit Clamp For Unistrut Channel	6.79	
		For >50 To 100, Deduct	*-0.29*	
		For >100 To 250, Deduct	*-0.57*	
		For >250 To 500, Deduct	*-1.09*	
		For >500, Deduct	*-1.61*	
		For Work In Restricted Working Space, Add	*1.39*	
26 05 29 00-0267	EA	1-1/2" Diameter, Electrical Metallic Tubing (EMT) Conduit Clamp For Unistrut Channel	7.79	
		For >50 To 100, Deduct	*-0.31*	
		For >100 To 250, Deduct	*-0.62*	
		For >250 To 500, Deduct	*-1.16*	
		For >500, Deduct	*-1.71*	
		For Work In Restricted Working Space, Add	*1.39*	
26 05 29 00-0268	EA	2" Diameter, Electrical Metallic Tubing (EMT) Conduit Clamp For Unistrut Channel	7.85	
		For >50 To 100, Deduct	*-0.31*	
		For >100 To 250, Deduct	*-0.62*	
		For >250 To 500, Deduct	*-1.17*	
		For >500, Deduct	*-1.71*	
		For Work In Restricted Working Space, Add	*1.39*	

26 05 29 00-0269 "J" Type Conduit Hangers *(26 05 29 00-0165)*

26 05 29 00-0270	EA	1/2", "J" Type Conduit Hanger (Unistrut J1205)	25.89	
		For >50 To 100, Deduct	*-0.85*	
		For >100 To 250, Deduct	*-1.70*	
		For >250 To 500, Deduct	*-2.96*	
		For >500, Deduct	*-4.21*	
		For Work In Restricted Working Space, Add	*2.43*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0271	EA	3/4", "J" Type Conduit Hanger (Unistrut J1207)	26.20	
		For >50 To 100, Deduct	*-0.86*	
		For >100 To 250, Deduct	*-1.72*	
		For >250 To 500, Deduct	*-2.98*	
		For >500, Deduct	*-4.24*	
		For Work In Restricted Working Space, Add	*2.43*	
26 05 29 00-0272	EA	1", "J" Type Conduit Hanger (Unistrut J1210)	27.64	
		For >50 To 100, Deduct	*-0.92*	
		For >100 To 250, Deduct	*-1.85*	
		For >250 To 500, Deduct	*-3.23*	
		For >500, Deduct	*-4.62*	
		For Work In Restricted Working Space, Add	*2.78*	
26 05 29 00-0273	EA	1-1/4", "J" Type Conduit Hanger (Unistrut J1212)	27.98	
		For >50 To 100, Deduct	*-0.93*	
		For >100 To 250, Deduct	*-1.86*	
		For >250 To 500, Deduct	*-3.26*	
		For >500, Deduct	*-4.65*	
		For Work In Restricted Working Space, Add	*2.78*	
26 05 29 00-0274	EA	1-1/2", "J" Type Conduit Hanger (Unistrut J1215)	29.36	
		For >50 To 100, Deduct	*-0.99*	
		For >100 To 250, Deduct	*-1.99*	
		For >250 To 500, Deduct	*-3.51*	
		For >500, Deduct	*-5.02*	
		For Work In Restricted Working Space, Add	*3.13*	
26 05 29 00-0275	EA	2", "J" Type Conduit Hanger (Unistrut J1220)	30.62	
		For >50 To 100, Deduct	*-1.03*	
		For >100 To 250, Deduct	*-2.05*	
		For >250 To 500, Deduct	*-3.60*	
		For >500, Deduct	*-5.15*	
		For Work In Restricted Working Space, Add	*3.13*	
26 05 29 00-0276	EA	2-1/2", "J" Type Conduit Hanger (Unistrut J1225)	49.82	
		For >50 To 100, Deduct	*-1.54*	
		For >100 To 250, Deduct	*-3.07*	
		For >250 To 500, Deduct	*-5.19*	
		For >500, Deduct	*-7.30*	
		For Work In Restricted Working Space, Add	*3.48*	
26 05 29 00-0277	EA	3", "J" Type Conduit Hanger (Unistrut J1230)	52.89	
		For >50 To 100, Deduct	*-1.64*	
		For >100 To 250, Deduct	*-3.28*	
		For >250 To 500, Deduct	*-5.56*	
		For >500, Deduct	*-7.84*	
		For Work In Restricted Working Space, Add	*3.83*	
26 05 29 00-0278	EA	3-1/2", "J" Type Conduit Hanger (Unistrut J1235)	56.91	
		For >50 To 100, Deduct	*-1.77*	
		For >100 To 250, Deduct	*-3.54*	
		For >250 To 500, Deduct	*-6.01*	
		For >500, Deduct	*-8.47*	
		For Work In Restricted Working Space, Add	*4.17*	
26 05 29 00-0279	EA	4", "J" Type Conduit Hanger (Unistrut J1240)	76.48	
		For >50 To 100, Deduct	*-2.26*	
		For >100 To 250, Deduct	*-4.52*	
		For >250 To 500, Deduct	*-7.47*	
		For >500, Deduct	*-10.43*	
		For Work In Restricted Working Space, Add	*4.17*	
26 05 29 00-0280	EA	5", "J" Type Conduit Hanger (Unistrut J1250)	84.06	
		For >50 To 100, Deduct	*-2.48*	
		For >100 To 250, Deduct	*-4.96*	
		For >250 To 500, Deduct	*-8.19*	
		For >500, Deduct	*-11.42*	
		For Work In Restricted Working Space, Add	*4.52*	
26 05 29 00-0281	EA	6", "J" Type Conduit Hanger (Unistrut J1260)	119.19	
		For >50 To 100, Deduct	*-3.41*	
		For >100 To 250, Deduct	*-6.83*	
		For >250 To 500, Deduct	*-11.11*	
		For >500, Deduct	*-15.40*	
		For Work In Restricted Working Space, Add	*5.22*	

26 05 29 00-0282 Between Studs Box Brackets *(26 05 29 00-0165)*

26 05 29 00-0283	EA	16" Stud Spacing, 1-1/2" Or 2-1/8" Box Depth, Screw Gun Between Studs Box Bracket (Caddy SGB16A)	9.24	
		For >50 To 100, Deduct	*-0.32*	
		For >100 To 250, Deduct	*-0.64*	
		For >250 To 500, Deduct	*-1.13*	
		For >500, Deduct	*-1.62*	
		For Work In Restricted Working Space, Add	*1.04*	
26 05 29 00-0284	EA	24" Stud Spacing, 1-1/2" Or 2-1/8" Box Depth, Screw Gun Between Studs Box Bracket (Caddy SGB24A)	11.24	
		For >50 To 100, Deduct	*-0.37*	
		For >100 To 250, Deduct	*-0.74*	
		For >250 To 500, Deduct	*-1.28*	
		For >500, Deduct	*-1.82*	
		For Work In Restricted Working Space, Add	*1.04*	

26 05 29 00-0285 Hangers And Brackets *(26 05 29 00-0165)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0286	EA	Rod Hangers Only With 1/4" Thread Impression (Caddy 4TI)	3.07	
		For >50 To 100, Deduct	*-0.13*	
		For >100 To 250, Deduct	*-0.27*	
		For >250 To 500, Deduct	*-0.52*	
		For >500, Deduct	*-0.77*	
26 05 29 00-0287	EA	Angle Bracket Only With 1/4" Hole (Caddy AB)	2.96	
		For >50 To 100, Deduct	*-0.13*	
		For >100 To 250, Deduct	*-0.26*	
		For >250 To 500, Deduct	*-0.51*	
		For >500, Deduct	*-0.76*	
26 05 29 00-0288	EA	Offset Bracket Only With 1/4" Hole (Caddy AO)	2.96	
		For >50 To 100, Deduct	*-0.13*	
		For >100 To 250, Deduct	*-0.26*	
		For >250 To 500, Deduct	*-0.51*	
		For >500, Deduct	*-0.76*	
26 05 29 00-0289	EA	Angle Bracket Mount, 1/4" Threaded Rod Hanger With Thread Impression (Caddy 4TIB)	4.16	
		For >50 To 100, Deduct	*-0.16*	
		For >100 To 250, Deduct	*-0.32*	
		For >250 To 500, Deduct	*-0.60*	
		For >500, Deduct	*-0.88*	
26 05 29 00-0290	EA	Angle Bracket Mount, 3/8" Threaded Rod Hanger With Thread Impression (Caddy 6TIB)	4.18	
		For >50 To 100, Deduct	*-0.16*	
		For >100 To 250, Deduct	*-0.33*	
		For >250 To 500, Deduct	*-0.60*	
		For >500, Deduct	*-0.88*	
26 05 29 00-0291	EA	Angle Bracket Mount, 1/4" Or 3/8" Threaded Rod Hanger With Nut (Caddy 6TB)	4.05	
		For >50 To 100, Deduct	*-0.16*	
		For >100 To 250, Deduct	*-0.32*	
		For >250 To 500, Deduct	*-0.59*	
		For >500, Deduct	*-0.87*	
26 05 29 00-0292	EA	Offset Bracket Mount, 1/4" Threaded Rod Hanger With Thread Impression (Caddy 4TIO)	4.16	
		For >50 To 100, Deduct	*-0.16*	
		For >100 To 250, Deduct	*-0.32*	
		For >250 To 500, Deduct	*-0.60*	
		For >500, Deduct	*-0.88*	
26 05 29 00-0293	EA	Offset Bracket Mount, 3/8" Threaded Rod Hanger With Thread Impression (Caddy 6TIO)	4.18	
		For >50 To 100, Deduct	*-0.16*	
		For >100 To 250, Deduct	*-0.33*	
		For >250 To 500, Deduct	*-0.60*	
		For >500, Deduct	*-0.88*	

26 05 29 00-0294 Clips And Accessories *(26 05 29 00-0165)*

26 05 29 00-0295	EA	1/2" Diameter Center, Bridle Ring (Caddy 2BR)	2.11	
		For >50 To 100, Deduct	*-0.09*	
		For >100 To 250, Deduct	*-0.18*	
		For >250 To 500, Deduct	*-0.34*	
		For >500, Deduct	*-0.50*	
26 05 29 00-0296	EA	3/4" Diameter Center, Bridle Ring (Caddy 2BR12)	2.16	
		For >50 To 100, Deduct	*-0.09*	
		For >100 To 250, Deduct	*-0.18*	
		For >250 To 500, Deduct	*-0.34*	
		For >500, Deduct	*-0.51*	
26 05 29 00-0297	EA	1-1/4" Diameter Center, Bridle Ring (Caddy 2BR20)	2.34	
		For >50 To 100, Deduct	*-0.09*	
		For >100 To 250, Deduct	*-0.19*	
		For >250 To 500, Deduct	*-0.36*	
		For >500, Deduct	*-0.52*	
26 05 29 00-0298	EA	2" Diameter Center, Bridle Ring (Caddy 2BR32)	2.71	
		For >50 To 100, Deduct	*-0.10*	
		For >100 To 250, Deduct	*-0.21*	
		For >250 To 500, Deduct	*-0.38*	
		For >500, Deduct	*-0.56*	

26 05 29 00-0299 Wire Ties *(26 05 29 00-0165)*

Note: Per hundred (C).

26 05 29 00-0300	C	3" Length, 18 LB Tensile Strength, Nylon Cable Ties	29.91	
		For Up To 0.1, Add	*24.19*	
		For >0.1 To 0.25, Add	*12.10*	
		For >0.25 To 0.75, Add	*6.05*	
		For >2.0, Deduct	*-2.42*	
		For UV Black, Add	*0.86*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.26*	
26 05 29 00-0301	C	4" Length, 18 LB Tensile Strength, Nylon Cable Ties	30.13	
		For Up To 0.1, Add	*24.19*	
		For >0.1 To 0.25, Add	*12.10*	
		For >0.25 To 0.75, Add	*6.05*	
		For >2.0, Deduct	*-2.42*	
		For UV Black, Add	*0.89*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0302	C	4-3/4" Length, 18 LB Tensile Strength, Nylon Cable Ties	30.29	
		For Up To 0.1, Add	*24.19*	
		For >0.1 To 0.25, Add	*12.10*	
		For >0.25 To 0.75, Add	*6.05*	
		For >2.0, Deduct	*-2.42*	
		For UV Black, Add	*0.92*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.26*	
26 05 29 00-0303	C	5-1/2" Length, 18 LB Tensile Strength, Nylon Cable Ties	30.35	
		For Up To 0.1, Add	*24.19*	
		For >0.1 To 0.25, Add	*12.10*	
		For >0.25 To 0.75, Add	*6.05*	
		For >2.0, Deduct	*-2.42*	
		For UV Black, Add	*0.92*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.26*	
26 05 29 00-0304	C	6-1/2" Length, 18 LB Tensile Strength, Nylon Cable Ties	31.47	
		For Up To 0.1, Add	*25.24*	
		For >0.1 To 0.25, Add	*12.62*	
		For >0.25 To 0.75, Add	*6.31*	
		For >2.0, Deduct	*-2.52*	
		For UV Black, Add	*0.93*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.57*	
26 05 29 00-0305	C	8" Length, 18 LB Tensile Strength, Nylon Cable Ties	37.45	
		For Up To 0.1, Add	*26.39*	
		For >0.1 To 0.25, Add	*13.20*	
		For >0.25 To 0.75, Add	*6.60*	
		For >2.0, Deduct	*-2.64*	
		For UV Black, Add	*1.66*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.92*	
26 05 29 00-0306	C	4-3/4" Length, 40 LB Tensile Strength, Nylon Cable Ties	36.05	
		For Up To 0.1, Add	*24.19*	
		For >0.1 To 0.25, Add	*12.10*	
		For >0.25 To 0.75, Add	*6.05*	
		For >2.0, Deduct	*-2.42*	
		For UV Black, Add	*1.78*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.26*	
26 05 29 00-0307	C	6" Length, 40 LB Tensile Strength, Nylon Cable Ties	37.19	
		For Up To 0.1, Add	*25.24*	
		For >0.1 To 0.25, Add	*12.62*	
		For >0.25 To 0.75, Add	*6.31*	
		For >2.0, Deduct	*-2.52*	
		For UV Black, Add	*1.79*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.57*	
26 05 29 00-0308	C	8" Length, 40 LB Tensile Strength, Nylon Cable Ties	38.40	
		For Up To 0.1, Add	*26.39*	
		For >0.1 To 0.25, Add	*13.20*	
		For >0.25 To 0.75, Add	*6.60*	
		For >2.0, Deduct	*-2.64*	
		For UV Black, Add	*1.80*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.92*	
26 05 29 00-0309	C	10" Length, 40 LB Tensile Strength, Nylon Cable Ties	56.16	
		For Up To 0.1, Add	*28.45*	
		For >0.1 To 0.25, Add	*14.23*	
		For >0.25 To 0.75, Add	*7.11*	
		For >2.0, Deduct	*-2.85*	
		For UV Black, Add	*4.16*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.54*	
26 05 29 00-0310	C	11-1/2" Length, 40 LB Tensile Strength, Nylon Cable Ties	58.66	
		For Up To 0.1, Add	*28.45*	
		For >0.1 To 0.25, Add	*14.23*	
		For >0.25 To 0.75, Add	*7.11*	
		For >2.0, Deduct	*-2.85*	
		For UV Black, Add	*4.53*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.54*	
26 05 29 00-0311	C	7" Length, 50 LB Tensile Strength, Nylon Cable Ties	40.15	
		For Up To 0.1, Add	*26.39*	
		For >0.1 To 0.25, Add	*13.20*	
		For >0.25 To 0.75, Add	*6.60*	
		For >2.0, Deduct	*-2.64*	
		For UV Black, Add	*2.06*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.92*	
26 05 29 00-0312	C	8" Length, 50 LB Tensile Strength, Nylon Cable Ties	37.94	
		For Up To 0.1, Add	*26.39*	
		For >0.1 To 0.25, Add	*13.20*	
		For >0.25 To 0.75, Add	*6.60*	
		For >2.0, Deduct	*-2.64*	
		For UV Black, Add	*1.73*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.92*	
26 05 29 00-0313	C	11" Length, 50 LB Tensile Strength, Nylon Cable Ties	56.84	
		For Up To 0.1, Add	*28.45*	
		For >0.1 To 0.25, Add	*14.23*	
		For >0.25 To 0.75, Add	*7.11*	
		For >2.0, Deduct	*-2.85*	
		For UV Black, Add	*4.26*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0314	C	14-1/2" Length, 50 LB Tensile Strength, Nylon Cable Ties	65.14	
		For Up To 0.1, Add	*30.23*	
		For >0.1 To 0.25, Add	*15.12*	
		For >0.25 To 0.75, Add	*7.56*	
		For >2.0, Deduct	*-3.02*	
		For UV Black, Add	*5.24*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.07*	
26 05 29 00-0315	C	8" Length, 120 LB Tensile Strength, Nylon Cable Ties	63.85	
		For Up To 0.1, Add	*26.39*	
		For >0.1 To 0.25, Add	*13.20*	
		For >0.25 To 0.75, Add	*6.60*	
		For >2.0, Deduct	*-2.64*	
		For UV Black, Add	*5.62*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.92*	
26 05 29 00-0316	C	11" Length, 120 LB Tensile Strength, Nylon Cable Ties	69.92	
		For Up To 0.1, Add	*28.45*	
		For >0.1 To 0.25, Add	*14.23*	
		For >0.25 To 0.75, Add	*7.11*	
		For >2.0, Deduct	*-2.85*	
		For UV Black, Add	*6.22*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.54*	
26 05 29 00-0317	C	15" Length, 120 LB Tensile Strength, Nylon Cable Ties	84.78	
		For Up To 0.1, Add	*30.23*	
		For >0.1 To 0.25, Add	*15.12*	
		For >0.25 To 0.75, Add	*7.56*	
		For >2.0, Deduct	*-3.02*	
		For UV Black, Add	*8.18*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.07*	
26 05 29 00-0318	C	17" Length, 120 LB Tensile Strength, Nylon Cable Ties	121.62	
		For Up To 0.1, Add	*32.25*	
		For >0.1 To 0.25, Add	*16.13*	
		For >0.25 To 0.75, Add	*8.06*	
		For >2.0, Deduct	*-3.23*	
		For UV Black, Add	*13.41*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.68*	
26 05 29 00-0319	C	17-3/4" Length, 175 LB Tensile Strength, Nylon Cable Ties	117.81	
		For Up To 0.1, Add	*32.25*	
		For >0.1 To 0.25, Add	*16.13*	
		For >0.25 To 0.75, Add	*8.06*	
		For >2.0, Deduct	*-3.23*	
		For UV Black, Add	*12.83*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.68*	
26 05 29 00-0320	C	21-11/16" Length, 175 LB Tensile Strength, Nylon Cable Ties	143.70	
		For Up To 0.1, Add	*33.76*	
		For >0.1 To 0.25, Add	*16.88*	
		For >0.25 To 0.75, Add	*8.44*	
		For >2.0, Deduct	*-3.38*	
		For UV Black, Add	*16.49*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.13*	
26 05 29 00-0321	C	30" Length, 175 LB Tensile Strength, Nylon Cable Ties	166.43	
		For Up To 0.1, Add	*35.39*	
		For >0.1 To 0.25, Add	*17.70*	
		For >0.25 To 0.75, Add	*8.85*	
		For >2.0, Deduct	*-3.54*	
		For UV Black, Add	*19.66*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.62*	
26 05 29 00-0322	C	46" Length, 175 LB Tensile Strength, Nylon Cable Ties	228.59	
		For Up To 0.1, Add	*38.19*	
		For >0.1 To 0.25, Add	*19.10*	
		For >0.25 To 0.75, Add	*9.55*	
		For >2.0, Deduct	*-3.82*	
		For UV Black, Add	*28.56*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.46*	
26 05 29 00-0323	C	3/4" x 3/4" Self Adhesive Tie Mounts	39.08	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.89*	
26 05 29 00-0324	C	1.1" x 1.1" Tie Mounts With Screw	77.44	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.77*	
26 05 29 00-0325	EA	6" Length x 1/2" Width, Velcro Grip Cable Tie	2.38	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*0.17*	
26 05 29 00-0326	EA	8" Length x 1/2" Width, Velcro Grip Cable Tie	2.39	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*0.14*	
26 05 29 00-0327	EA	12" Length x 1/2" Width, Velcro Grip Cable Tie	2.94	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*0.14*	
26 05 29 00-0328	EA	15" Length x 3/4" Width, Velcro Grip Cable Tie	4.14	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*0.14*	
26 05 29 00-0329	EA	180" Length x 3/4" Width, Velcro Grip Cable Tie Roll Note: Cut to length.	106.80	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.09*	

26 05 29 00-0330 Fastening Devices For Wireway And Conduit *(26 05 29)*

Note: Includes drilling of holes with power tools in concrete, brick, concrete block, wood, tile or steel and alignment of hangers and supports for bolts.

26 05 29 00-0331 Toggle Bolts *(26 05 29 00-0330)*

Note: Includes machine screw, toggle wing and drilling in concrete, concrete block, wood or steel.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0332	EA	1/8" Diameter, 3" Length, Zinc Plated Steel, Toggle Bolt	9.09	
		For >50 To 100, Deduct	*-0.86*	
		For >100 To 250, Deduct	*-1.73*	
		For >250 To 500, Deduct	*-3.01*	
		For >500, Deduct	*-4.30*	
26 05 29 00-0333	EA	1/8" Diameter, 4" Length, Zinc Plated Steel, Toggle Bolt	9.34	
		For >50 To 100, Deduct	*-0.88*	
		For >100 To 250, Deduct	*-1.77*	
		For >250 To 500, Deduct	*-3.09*	
		For >500, Deduct	*-4.41*	
26 05 29 00-0334	EA	3/16" Diameter, 3" Length, Zinc Plated Steel, Toggle Bolt	9.88	
		For >50 To 100, Deduct	*-0.91*	
		For >100 To 250, Deduct	*-1.83*	
		For >250 To 500, Deduct	*-3.19*	
		For >500, Deduct	*-4.54*	
26 05 29 00-0335	EA	3/16" Diameter, 4" Length, Zinc Plated Steel, Toggle Bolt	10.13	
		For >50 To 100, Deduct	*-0.94*	
		For >100 To 250, Deduct	*-1.87*	
		For >250 To 500, Deduct	*-3.26*	
		For >500, Deduct	*-4.65*	
26 05 29 00-0336	EA	1/4" Diameter, 4" Length, Zinc Plated Steel, Toggle Bolt	10.36	
		For >50 To 100, Deduct	*-0.96*	
		For >100 To 250, Deduct	*-1.91*	
		For >250 To 500, Deduct	*-3.34*	
		For >500, Deduct	*-4.76*	
26 05 29 00-0337	EA	5/16" Diameter, 4" Length, Zinc Plated Steel, Toggle Bolt	11.90	
		For >50 To 100, Deduct	*-1.01*	
		For >100 To 250, Deduct	*-2.02*	
		For >250 To 500, Deduct	*-3.51*	
		For >500, Deduct	*-5.00*	
26 05 29 00-0338	EA	3/8" Diameter, 4" Length, Zinc Plated Steel, Toggle Bolt	12.42	
		For >50 To 100, Deduct	*-1.04*	
		For >100 To 250, Deduct	*-2.08*	
		For >250 To 500, Deduct	*-3.61*	
		For >500, Deduct	*-5.14*	

26 05 29 00-0339 Machine Screws *(26 05 29 00-0330)*

Note: Includes drilling in concrete, concrete block, wood or steel.

26 05 29 00-0340	EA	#8 Diameter, 2" Length, Zinc Plated Steel, Machine Screw	2.67	
		For >50 To 100, Deduct	*-0.26*	
		For >100 To 250, Deduct	*-0.52*	
		For >250 To 500, Deduct	*-0.91*	
		For >500, Deduct	*-1.30*	
26 05 29 00-0341	EA	#10 Diameter, 2" Length, Zinc Plated Steel, Machine Screw	2.72	
		For >50 To 100, Deduct	*-0.26*	
		For >100 To 250, Deduct	*-0.52*	
		For >250 To 500, Deduct	*-0.91*	
		For >500, Deduct	*-1.30*	
26 05 29 00-0342	EA	1/4" Diameter, 2" Length, Zinc Plated Steel, Machine Screw	3.42	
		For >50 To 100, Deduct	*-0.33*	
		For >100 To 250, Deduct	*-0.66*	
		For >250 To 500, Deduct	*-1.14*	
		For >500, Deduct	*-1.63*	
26 05 29 00-0343	EA	5/16" Diameter, 2" Length, Zinc Plated Steel, Machine Screw	3.60	
		For >50 To 100, Deduct	*-0.33*	
		For >100 To 250, Deduct	*-0.66*	
		For >250 To 500, Deduct	*-1.16*	
		For >500, Deduct	*-1.65*	
26 05 29 00-0344	EA	3/8" Diameter, 2" Length, Zinc Plated Steel, Machine Screw	4.45	
		For >50 To 100, Deduct	*-0.40*	
		For >100 To 250, Deduct	*-0.80*	
		For >250 To 500, Deduct	*-1.39*	
		For >500, Deduct	*-1.99*	

26 05 29 00-0345 Hex Lag Bolts With Lag Shield Expansion Anchors *(26 05 29 00-0330)*

Note: Includes lag bolt, lag shield expansion anchor and drilling in concrete, concrete block, wood or steel.

26 05 29 00-0346	EA	1/4" Diameter, 2" Length, Zinc Plated Steel, Hex Lag Bolt With Lag Shield Expansion Anchor	4.53	
		For >50 To 100, Deduct	*-0.36*	
		For >100 To 250, Deduct	*-0.71*	
		For >250 To 500, Deduct	*-1.23*	
		For >500, Deduct	*-1.75*	
26 05 29 00-0347	EA	5/16" Diameter, 2" Length, Zinc Plated Steel, Hex Lag Bolt With Lag Shield Expansion Anchor	4.46	
		For >50 To 100, Deduct	*-0.35*	
		For >100 To 250, Deduct	*-0.71*	
		For >250 To 500, Deduct	*-1.22*	
		For >500, Deduct	*-1.74*	
26 05 29 00-0348	EA	3/8" Diameter, 2" Length, Zinc Plated Steel, Hex Lag Bolt With Lag Shield Expansion Anchor	6.43	
		For >50 To 100, Deduct	*-0.45*	
		For >100 To 250, Deduct	*-0.90*	
		For >250 To 500, Deduct	*-1.54*	
		For >500, Deduct	*-2.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0349	EA	1/2" Diameter, 2" Length, Zinc Plated Steel, Hex Lag Bolt With Lag Shield Expansion Anchor	8.27	
		For >50 To 100, Deduct	*-0.54*	
		For >100 To 250, Deduct	*-1.09*	
		For >250 To 500, Deduct	*-1.85*	
		For >500, Deduct	*-2.62*	

26 05 29 00-0350 Hanger Lag Bolts With Hex Nuts *(26 05 29 00-0330)*

Note: Includes hanger lag bolt (threaded one side), hex nut and drilling in concrete, concrete block, wood or steel.

26 05 29 00-0351	EA	1/4" Diameter, 2" Length, Zinc Plated Steel, Hanger Lag Bolt With Hex Nut	3.35	
		For >50 To 100, Deduct	*-0.28*	
		For >100 To 250, Deduct	*-0.55*	
		For >250 To 500, Deduct	*-0.96*	
		For >500, Deduct	*-1.36*	
26 05 29 00-0352	EA	5/16" Diameter, 2" Length, Zinc Plated Steel, Hanger Lag Bolt With Hex Nut	3.41	
		For >50 To 100, Deduct	*-0.28*	
		For >100 To 250, Deduct	*-0.56*	
		For >250 To 500, Deduct	*-0.96*	
		For >500, Deduct	*-1.37*	
26 05 29 00-0353	EA	3/8" Diameter, 2-1/2" Length, Zinc Plated Steel, Hanger Lag Bolt With Hex Nut	4.07	
		For >50 To 100, Deduct	*-0.32*	
		For >100 To 250, Deduct	*-0.63*	
		For >250 To 500, Deduct	*-1.09*	
		For >500, Deduct	*-1.56*	

26 05 29 00-0354 Hollow Wall Screw Anchors *(26 05 29 00-0330)*

26 05 29 00-0355	EA	6-32 Screw Size, 5/16" Hole Diameter, 1/8" To 5/8" Grip Range, Zinc Plated Steel, Hollow Wall Screw Anchor	1.97	
		For >50 To 100, Deduct	*-0.16*	
		For >100 To 250, Deduct	*-0.33*	
		For >250 To 500, Deduct	*-0.57*	
		For >500, Deduct	*-0.81*	
26 05 29 00-0356	EA	6-32 Screw Size, 5/16" Hole Diameter, 5/8" To 1-1/4" Grip Range, Zinc Plated Steel, Hollow Wall Screw Anchor	2.04	
		For >50 To 100, Deduct	*-0.17*	
		For >100 To 250, Deduct	*-0.33*	
		For >250 To 500, Deduct	*-0.58*	
		For >500, Deduct	*-0.82*	
26 05 29 00-0357	EA	6-32 Screw Size, 5/16" Hole Diameter, 1-1/4" To 1-3/4" Grip Range, Zinc Plated Steel, Hollow Wall Screw Anchor	2.14	
		For >50 To 100, Deduct	*-0.17*	
		For >100 To 250, Deduct	*-0.34*	
		For >250 To 500, Deduct	*-0.58*	
		For >500, Deduct	*-0.83*	
26 05 29 00-0358	EA	10-24 Screw Size, 3/8" Hole Diameter, 1/8" To 5/8" Grip Range, Zinc Plated Steel, Hollow Wall Screw Anchor	2.74	
		For >50 To 100, Deduct	*-0.20*	
		For >100 To 250, Deduct	*-0.41*	
		For >250 To 500, Deduct	*-0.70*	
		For >500, Deduct	*-0.99*	
26 05 29 00-0359	EA	10-24 Screw Size, 3/8" Hole Diameter, 5/8" To 1-1/4" Grip Range, Zinc Plated Steel, Hollow Wall Screw Anchor	2.89	
		For >50 To 100, Deduct	*-0.21*	
		For >100 To 250, Deduct	*-0.41*	
		For >250 To 500, Deduct	*-0.71*	
		For >500, Deduct	*-1.01*	
26 05 29 00-0360	EA	10-24 Screw Size, 3/8" Hole Diameter, 1-1/4" To 1-3/4" Grip Range, Zinc Plated Steel, Hollow Wall Screw Anchor	2.93	
		For >50 To 100, Deduct	*-0.21*	
		For >100 To 250, Deduct	*-0.42*	
		For >250 To 500, Deduct	*-0.71*	
		For >500, Deduct	*-1.01*	
26 05 29 00-0361	EA	1/4-20 Screw Size, 7/16" Hole Diameter, 1/8" To 5/8" Grip Range, Zinc Plated Steel, Hollow Wall Screw Anchor	2.96	
		For >50 To 100, Deduct	*-0.21*	
		For >100 To 250, Deduct	*-0.42*	
		For >250 To 500, Deduct	*-0.71*	
		For >500, Deduct	*-1.01*	
26 05 29 00-0362	EA	1/4-20 Screw Size, 7/16" Hole Diameter, 5/8" To 1-1/4" Grip Range, Zinc Plated Steel, Hollow Wall Screw Anchor	3.18	
		For >50 To 100, Deduct	*-0.21*	
		For >100 To 250, Deduct	*-0.43*	
		For >250 To 500, Deduct	*-0.73*	
		For >500, Deduct	*-1.03*	
26 05 29 00-0363	EA	1/4-20 Screw Size, 7/16" Hole Diameter, 1-1/4" To 1-3/4" Grip Range, Zinc Plated Steel, Hollow Wall Screw Anchor	3.26	
		For >50 To 100, Deduct	*-0.22*	
		For >100 To 250, Deduct	*-0.43*	
		For >250 To 500, Deduct	*-0.74*	
		For >500, Deduct	*-1.04*	

26 05 29 00-0364 Lead Screw Anchors *(26 05 29 00-0330)*

Note: Includes screw.

26 05 29 00-0365	EA	#6-8 Screw Size, 1/4" Hole Diameter, Lead Screw Anchor With Screw	4.51	
		For >50 To 100, Deduct	*-0.41*	
		For >100 To 250, Deduct	*-0.82*	
		For >250 To 500, Deduct	*-1.42*	
		For >500, Deduct	*-2.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0366	EA	#10-14 Screw Size, 5/16" Hole Diameter, Lead Screw Anchor With Screw	5.39	
		For >50 To 100, Deduct	*-0.48*	
		For >100 To 250, Deduct	*-0.96*	
		For >250 To 500, Deduct	*-1.66*	
		For >500, Deduct	*-2.37*	
26 05 29 00-0367	EA	#16-18 Screw Size, 5/16" Hole Diameter, Lead Screw Anchor With Screw	7.35	
		For >50 To 100, Deduct	*-0.62*	
		For >100 To 250, Deduct	*-1.24*	
		For >250 To 500, Deduct	*-2.15*	
		For >500, Deduct	*-3.06*	

26 05 29 00-0368 Acoustical T-Bar Clips *(26 05 29 00-0330)*

Note: For conduit installation above suspended ceilings up to 15' height.

26 05 29 00-0369	EA	1/2" Conduit, Push-In Acoustical T-Bar Clip	7.13	
		For >50 To 100, Deduct	*-0.55*	
		For >100 To 250, Deduct	*-1.10*	
		For >250 To 500, Deduct	*-1.89*	
		For >500, Deduct	*-2.69*	
26 05 29 00-0370	EA	3/4" Conduit, Push-In Acoustical T-Bar Clip	7.47	
		For >50 To 100, Deduct	*-0.58*	
		For >100 To 250, Deduct	*-1.15*	
		For >250 To 500, Deduct	*-1.99*	
		For >500, Deduct	*-2.82*	
26 05 29 00-0371	EA	1" Conduit, Push-In Acoustical T-Bar Clip	8.13	
		For >50 To 100, Deduct	*-0.61*	
		For >100 To 250, Deduct	*-1.23*	
		For >250 To 500, Deduct	*-2.12*	
		For >500, Deduct	*-3.01*	

26 05 29 00-0372 Threaded Rod, Accessories And Attachments *(26 05 29)*

26 05 29 00-0373 Threaded Rod And Rod Accessories *(26 05 29 00-0372)*

26 05 29 00-0374 Carbon Steel Threaded Rod *(26 05 29 00-0373)*

Note: Includes plain finish.

26 05 29 00-0375	LF	3/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	5.17	0.73
		For Galvanized, Add	*1.48*	
		For Zinc Coated, Add	*1.06*	
26 05 29 00-0376	LF	1/2" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	7.45	0.77
		For Galvanized, Add	*2.36*	
		For Zinc Coated, Add	*1.68*	
26 05 29 00-0377	LF	5/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	10.75	0.80
		For Galvanized, Add	*3.66*	
		For Zinc Coated, Add	*2.60*	
26 05 29 00-0378	LF	3/4" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	18.25	0.82
		For Galvanized, Add	*6.64*	
		For Zinc Coated, Add	*4.73*	
26 05 29 00-0379	LF	7/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	19.95	0.85
		For Galvanized, Add	*7.30*	
		For Zinc Coated, Add	*5.20*	
26 05 29 00-0380	LF	1" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	27.55	0.96
		For Galvanized, Add	*10.24*	
		For Zinc Coated, Add	*7.30*	
26 05 29 00-0381	LF	1-1/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	34.45	1.07
		For Galvanized, Add	*12.92*	
		For Zinc Coated, Add	*9.21*	

26 05 29 00-0382 Threaded Rod Couplings *(26 05 29 00-0373)*

26 05 29 00-0383	EA	3/8" Diameter, Threaded Rod Coupling Nut	9.55
26 05 29 00-0384	EA	1/2" Diameter, Threaded Rod Coupling Nut	10.85
26 05 29 00-0385	EA	5/8" Diameter, Threaded Rod Coupling Nut	13.69
26 05 29 00-0386	EA	3/4" Diameter, Threaded Rod Coupling Nut	16.83
26 05 29 00-0387	EA	7/8" Diameter, Threaded Rod Coupling Nut	25.15
26 05 29 00-0388	EA	1" Diameter, Threaded Rod Coupling Nut	29.84
26 05 29 00-0389	EA	1-1/8" Diameter, Threaded Rod Coupling Nut	58.36

26 05 29 00-0390 Flat Washers *(26 05 29 00-0373)*

26 05 29 00-0391	EA	3/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.82	0.29
		For Galvanized, Add	*0.04*	
26 05 29 00-0392	EA	1/2" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	1.06	0.29
		For Galvanized, Add	*0.09*	
26 05 29 00-0393	EA	5/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	1.42	0.29
		For Galvanized, Add	*0.17*	
26 05 29 00-0394	EA	3/4" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	1.75	0.58
		For Galvanized, Add	*0.24*	
26 05 29 00-0395	EA	7/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	1.98	0.58
		For Galvanized, Add	*0.28*	
26 05 29 00-0396	EA	1" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	2.35	0.58
		For Galvanized, Add	*0.35*	
26 05 29 00-0397	EA	1-1/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	2.64	0.58
		For Galvanized, Add	*0.39*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0398		**Malleable Iron Eye Sockets** *(26 05 29 00-0373)*		
		Note: Type 16.		
26 05 29 00-0399	EA	3/8" Rod Size, Malleable Iron Eye Socket	11.38	
26 05 29 00-0400	EA	1/2" Rod Size, Malleable Iron Eye Socket	13.64	
26 05 29 00-0401	EA	5/8" Rod Size, Malleable Iron Eye Socket	23.99	
26 05 29 00-0402	EA	3/4" Rod Size, Malleable Iron Eye Socket	34.31	
26 05 29 00-0403	EA	7/8" Rod Size, Malleable Iron Eye Socket	36.52	
26 05 29 00-0404		**Hex Nuts** *(26 05 29 00-0373)*		
26 05 29 00-0405	EA	3/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	0.79	0.29
		For Galvanized, Add	*0.03*	
26 05 29 00-0406	EA	1/2" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	1.01	0.29
		For Galvanized, Add	*0.07*	
26 05 29 00-0407	EA	5/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	1.42	0.29
		For Galvanized, Add	*0.17*	
26 05 29 00-0408	EA	3/4" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	1.69	0.58
		For Galvanized, Add	*0.22*	
26 05 29 00-0409	EA	7/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	2.53	0.58
		For Galvanized, Add	*0.42*	
26 05 29 00-0410	EA	1" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	3.23	0.58
		For Galvanized, Add	*0.57*	
26 05 29 00-0411	EA	1-1/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	5.37	0.58
		For Galvanized, Add	*1.08*	
26 05 29 00-0412		**Forged Steel Turnbuckles** *(26 05 29 00-0373)*		
		Note: Type 13.		
26 05 29 00-0413	EA	3/8" Thread Diameter, Forged Steel Turnbuckle Body	27.77	
26 05 29 00-0414	EA	1/2" Thread Diameter, Forged Steel Turnbuckle Body	34.37	
26 05 29 00-0415	EA	5/8" Thread Diameter, Forged Steel Turnbuckle Body	46.14	
26 05 29 00-0416	EA	3/4" Thread Diameter, Forged Steel Turnbuckle Body	57.16	
26 05 29 00-0417	EA	7/8" Thread Diameter, Forged Steel Turnbuckle Body	141.61	
26 05 29 00-0418	EA	1" Thread Diameter, Forged Steel Turnbuckle Body	93.81	
26 05 29 00-0419	EA	1-1/4" Thread Diameter, Forged Steel Turnbuckle Body	189.38	
26 05 29 00-0420		**Attachments** *(26 05 29 00-0372)*		
26 05 29 00-0421		**Welded Beam Attachments** *(26 05 29 00-0420)*		
		Note: Type 22.		
26 05 29 00-0422	EA	3/8" Rod Size, Welded Beam Attachment	50.92	11.59
26 05 29 00-0423	EA	1/2" Rod Size, Welded Beam Attachment	54.31	12.17
26 05 29 00-0424	EA	5/8" Rod Size, Welded Beam Attachment	57.83	12.87
26 05 29 00-0425	EA	3/4" Rod Size, Welded Beam Attachment	73.71	13.67
26 05 29 00-0426	EA	7/8" Rod Size, Welded Beam Attachment	88.41	14.48
26 05 29 00-0427	EA	1" Rod Size, Welded Beam Attachment	123.86	16.58
26 05 29 00-0428	EA	1-1/8" Rod Size, Welded Beam Attachment	175.26	17.39
26 05 29 00-0429		**C-Clamp Style Beam Clamps** *(26 05 29 00-0420)*		
		Note: Type 23. Top or bottom flange mount.		
26 05 29 00-0430	EA	3/8" Rod Size, C-Clamp Style Beam Clamp	17.90	8.71
26 05 29 00-0431	EA	1/2" Rod Size, C-Clamp Style Beam Clamp	21.35	9.29
26 05 29 00-0432	EA	5/8" Rod Size, C-Clamp Style Beam Clamp	24.23	9.95
26 05 29 00-0433	EA	3/4" Rod Size, C-Clamp Style Beam Clamp	31.11	10.71
26 05 29 00-0434	EA	7/8" Rod Size, C-Clamp Style Beam Clamp	45.09	11.61
26 05 29 00-0435		**Bottom Mount I-Beam Clamps** *(26 05 29 00-0420)*		
		Note: Type 21. For attaching threaded rod centered under beam flanges.		
26 05 29 00-0436	EA	3/8" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp	49.13	11.61
26 05 29 00-0437	EA	1/2" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp	72.13	12.66
26 05 29 00-0438	EA	5/8" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp	103.01	13.94
26 05 29 00-0439	EA	3/4" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp	123.28	15.48
26 05 29 00-0440	EA	1" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp	298.19	17.42
26 05 29 00-0441		**Steel U-Bolts** *(26 05 29 00-0420)*		
		Note: Type 24. Includes plate and nuts.		
26 05 29 00-0442	EA	1/2" Pipe Size, Zinc Plated Steel, U-Bolt	14.59	6.97
26 05 29 00-0443	EA	3/4" Pipe Size, Zinc Plated Steel, U-Bolt	15.83	7.33
26 05 29 00-0444	EA	1" Pipe Size, Zinc Plated Steel, U-Bolt	17.03	7.74
26 05 29 00-0445	EA	1-1/4" Pipe Size, Zinc Plated Steel, U-Bolt	19.35	8.19
26 05 29 00-0446	EA	1-1/2" Pipe Size, Zinc Plated Steel, U-Bolt	19.99	8.71
26 05 29 00-0447	EA	2" Pipe Size, Zinc Plated Steel, U-Bolt	21.40	9.29
26 05 29 00-0448	EA	2-1/2" Pipe Size, Zinc Plated Steel, U-Bolt	30.77	9.95
26 05 29 00-0449	EA	3" Pipe Size, Zinc Plated Steel, U-Bolt	33.91	10.71
26 05 29 00-0450	EA	4" Pipe Size, Zinc Plated Steel, U-Bolt	40.95	11.61

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0451		**Stainless Steel Threaded Rod** *(26 05 29 00-0372)*		
26 05 29 00-0452	LF	1/4" Diameter, 304/18-8 Stainless Steel Threaded Rod	4.11	0.58
		For 316 Stainless Steel, Add	*1.19*	
26 05 29 00-0453	LF	5/16" Diameter, 304/18-8 Stainless Steel Threaded Rod	6.32	0.64
		For 316 Stainless Steel, Add	*2.04*	
26 05 29 00-0454	LF	3/8" Diameter, 304/18-8 Stainless Steel Threaded Rod	8.19	0.73
		For 316 Stainless Steel, Add	*2.73*	
26 05 29 00-0455	LF	7/16" Diameter, 304/18-8 Stainless Steel Threaded Rod	11.51	0.75
		For 316 Stainless Steel, Add	*4.05*	
26 05 29 00-0456	LF	1/2" Diameter, 304/18-8 Stainless Steel Threaded Rod	13.88	0.77
		For 316 Stainless Steel, Add	*4.99*	
26 05 29 00-0457	LF	5/8" Diameter, 304/18-8 Stainless Steel Threaded Rod	21.01	0.78
		For 316 Stainless Steel, Add	*7.87*	
26 05 29 00-0458	LF	3/4" Diameter, 304/18-8 Stainless Steel Threaded Rod	29.58	0.80
		For 316 Stainless Steel, Add	*11.33*	
26 05 29 00-0459	LF	7/8" Diameter, 304/18-8 Stainless Steel Threaded Rod	40.84	0.82
		For 316 Stainless Steel, Add	*15.87*	
26 05 29 00-0460	LF	1" Diameter, 304/18-8 Stainless Steel Threaded Rod	52.54	0.96
		For 316 Stainless Steel, Add	*20.49*	
26 05 29 00-0461	LF	1-1/4" Diameter, 304/18-8 Stainless Steel Threaded Rod	111.67	1.16
		For 316 Stainless Steel, Add	*44.25*	
26 05 29 00-0462		**Polyvinyl Chloride (PVC) Coated Supports** *(26 05 29)*		
		Note: Includes stainless steel and/or Polyvinyl Chloride (PVC) coated hardware.		
26 05 29 00-0463		**Polyvinyl Chloride (PVC) Coated Beam Clamps** *(26 05 29 00-0462)*		
26 05 29 00-0464		**Right Angle, Polyvinyl Chloride (PVC) Coated Beam Clamps** *(26 05 29 00-0463)*		
26 05 29 00-0465	EA	1/2", Right Angle, Polyvinyl Chloride (PVC) Coated Beam Clamp	64.85	23.18
26 05 29 00-0466	EA	3/4", Right Angle, Polyvinyl Chloride (PVC) Coated Beam Clamp	70.46	25.27
26 05 29 00-0467	EA	1", Right Angle, Polyvinyl Chloride (PVC) Coated Beam Clamp	75.01	27.81
26 05 29 00-0468	EA	1-1/4", Right Angle, Polyvinyl Chloride (PVC) Coated Beam Clamp	90.45	30.94
26 05 29 00-0469	EA	1-1/2", Right Angle, Polyvinyl Chloride (PVC) Coated Beam Clamp	104.68	34.77
26 05 29 00-0470	EA	2", Right Angle, Polyvinyl Chloride (PVC) Coated Beam Clamp	125.87	38.25
26 05 29 00-0471	EA	2-1/2", Right Angle, Polyvinyl Chloride (PVC) Coated Beam Clamp	137.67	41.73
26 05 29 00-0472	EA	3", Right Angle, Polyvinyl Chloride (PVC) Coated Beam Clamp	151.76	45.20
26 05 29 00-0473	EA	3-1/2", Right Angle, Polyvinyl Chloride (PVC) Coated Beam Clamp	160.09	48.68
26 05 29 00-0474	EA	4", Right Angle, Polyvinyl Chloride (PVC) Coated Beam Clamp	173.12	52.16
26 05 29 00-0475		**Parallel, Polyvinyl Chloride (PVC) Coated Beam Clamps** *(26 05 29 00-0463)*		
26 05 29 00-0476	EA	1/2", Parallel, Polyvinyl Chloride (PVC) Coated Beam Clamp	69.92	23.18
26 05 29 00-0477	EA	3/4", Parallel, Polyvinyl Chloride (PVC) Coated Beam Clamp	73.89	25.27
26 05 29 00-0478	EA	1", Parallel, Polyvinyl Chloride (PVC) Coated Beam Clamp	85.28	27.81
26 05 29 00-0479	EA	1-1/4", Parallel, Polyvinyl Chloride (PVC) Coated Beam Clamp	94.11	30.94
26 05 29 00-0480	EA	1-1/2", Parallel, Polyvinyl Chloride (PVC) Coated Beam Clamp	106.10	34.77
26 05 29 00-0481	EA	2", Parallel, Polyvinyl Chloride (PVC) Coated Beam Clamp	123.46	38.25
26 05 29 00-0482	EA	2-1/2", Parallel, Polyvinyl Chloride (PVC) Coated Beam Clamp	142.25	41.73
26 05 29 00-0483	EA	3", Parallel, Polyvinyl Chloride (PVC) Coated Beam Clamp	157.82	45.20
26 05 29 00-0484	EA	3-1/2", Parallel, Polyvinyl Chloride (PVC) Coated Beam Clamp	167.71	48.68
26 05 29 00-0485	EA	4", Parallel, Polyvinyl Chloride (PVC) Coated Beam Clamp	174.13	52.16
26 05 29 00-0486		**Edge, Polyvinyl Chloride (PVC) Coated Beam Clamps** *(26 05 29 00-0463)*		
26 05 29 00-0487	EA	1/2", Edge, Polyvinyl Chloride (PVC) Coated Beam Clamp	65.83	22.95
26 05 29 00-0488	EA	3/4", Edge, Polyvinyl Chloride (PVC) Coated Beam Clamp	70.72	25.04
26 05 29 00-0489	EA	1", Edge, Polyvinyl Chloride (PVC) Coated Beam Clamp	80.17	27.81
26 05 29 00-0490	EA	1-1/4", Edge, Polyvinyl Chloride (PVC) Coated Beam Clamp	94.45	30.60
26 05 29 00-0491	EA	1-1/2", Edge, Polyvinyl Chloride (PVC) Coated Beam Clamp	124.03	34.77
26 05 29 00-0492	EA	2", Edge, Polyvinyl Chloride (PVC) Coated Beam Clamp	135.97	38.25
26 05 29 00-0493		**Polyvinyl Chloride (PVC) Coated Conduit Straps** *(26 05 29 00-0462)*		
26 05 29 00-0494		**One Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Straps** *(26 05 29 00-0493)*		
26 05 29 00-0495	EA	1/2", One Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	8.36	0.69
26 05 29 00-0496	EA	3/4", One Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	9.10	0.69
26 05 29 00-0497	EA	1", One Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	13.43	0.69
26 05 29 00-0498	EA	1-1/4", One Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	16.35	0.69
26 05 29 00-0499	EA	1-1/2", One Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	21.56	0.69
26 05 29 00-0500	EA	2", One Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	32.44	0.69
26 05 29 00-0501	EA	2-1/2", One Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	43.24	0.69
26 05 29 00-0502	EA	3", One Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	57.97	0.69
26 05 29 00-0503	EA	3-1/2", One Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	102.68	0.69
26 05 29 00-0504	EA	4", One Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	109.13	0.69
26 05 29 00-0505		**Two Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Straps** *(26 05 29 00-0493)*		
26 05 29 00-0506	EA	1/2", Two Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	16.49	1.39

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0507	EA	3/4", Two Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	16.56	1.39
26 05 29 00-0508	EA	1", Two Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	17.00	1.39
26 05 29 00-0509	EA	1-1/4", Two Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	21.45	1.39
26 05 29 00-0510	EA	1-1/2", Two Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	22.06	1.39
26 05 29 00-0511	EA	2", Two Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	25.35	1.39
26 05 29 00-0512	EA	2-1/2", Two Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	28.53	1.39
26 05 29 00-0513	EA	3", Two Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	29.85	1.39
26 05 29 00-0514	EA	3-1/2", Two Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	31.89	1.39
26 05 29 00-0515	EA	4", Two Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	34.62	1.39
26 05 29 00-0516		Polyvinyl Chloride (PVC) Coated Clamp Back Spacer *(26 05 29 00-0462)*		
26 05 29 00-0517		Polyvinyl Chloride (PVC) Coated Clamp Back Spacer *(26 05 29 00-0516)*		
26 05 29 00-0518	EA	1/2" Polyvinyl Chloride (PVC) Coated Clamp Back Spacer	14.93	1.39
26 05 29 00-0519	EA	3/4" Polyvinyl Chloride (PVC) Coated Clamp Back Spacer	17.41	1.39
26 05 29 00-0520	EA	1" Polyvinyl Chloride (PVC) Coated Clamp Back Spacer	21.96	1.39
26 05 29 00-0521	EA	1-1/4" Polyvinyl Chloride (PVC) Coated Clamp Back Spacer	25.74	1.39
26 05 29 00-0522	EA	1-1/2" Polyvinyl Chloride (PVC) Coated Clamp Back Spacer	34.55	1.39
26 05 29 00-0523	EA	2" Polyvinyl Chloride (PVC) Coated Clamp Back Spacer	60.34	1.39
26 05 29 00-0524	EA	2-1/2" Polyvinyl Chloride (PVC) Coated Clamp Back Spacer	85.22	1.39
26 05 29 00-0525	EA	3" Polyvinyl Chloride (PVC) Coated Clamp Back Spacer	116.48	1.39
26 05 29 00-0526	EA	3-1/2" Polyvinyl Chloride (PVC) Coated Clamp Back Spacer	204.08	1.39
26 05 29 00-0527	EA	4" Polyvinyl Chloride (PVC) Coated Clamp Back Spacer	204.08	1.39
26 05 29 00-0528		Polyvinyl Chloride (PVC) Coated Threaded Rod And Accessories *(26 05 29 00-0462)*		
26 05 29 00-0529		Polyvinyl Chloride (PVC) Coated Threaded Rod *(26 05 29 00-0528)*		
26 05 29 00-0530	LF	3/8" Diameter, Polyvinyl Chloride (PVC) Coated Threaded Rod	10.32	0.93
26 05 29 00-0531	LF	1/2" Diameter, Polyvinyl Chloride (PVC) Coated Threaded Rod	12.71	1.04
26 05 29 00-0532		Attachments *(26 05 29 00-0462)*		
26 05 29 00-0533		Polyvinyl Chloride (PVC) Coated U-Bolts And Encapsulation Nuts *(26 05 29 00-0532)*		
26 05 29 00-0534	EA	1/2" Polyvinyl Chloride (PVC) Coated U-Bolt And Encapsulated Nuts	19.11	6.97
26 05 29 00-0535	EA	3/4" Polyvinyl Chloride (PVC) Coated U-Bolt And Encapsulated Nuts	19.72	7.31
26 05 29 00-0536	EA	1" Polyvinyl Chloride (PVC) Coated U-Bolt And Encapsulated Nuts	20.76	7.78
26 05 29 00-0537	EA	1-1/4" Polyvinyl Chloride (PVC) Coated U-Bolt And Encapsulated Nuts	22.10	8.24
26 05 29 00-0538	EA	1-1/2" Polyvinyl Chloride (PVC) Coated U-Bolt And Encapsulated Nuts	23.54	8.71
26 05 29 00-0539	EA	2" Polyvinyl Chloride (PVC) Coated U-Bolt And Encapsulated Nuts	26.55	9.29
26 05 29 00-0540	EA	2-1/2" Polyvinyl Chloride (PVC) Coated U-Bolt And Encapsulated Nuts	38.96	9.98
26 05 29 00-0541	EA	3" Polyvinyl Chloride (PVC) Coated U-Bolt And Encapsulated Nuts	40.81	10.68
26 05 29 00-0542	EA	4" Polyvinyl Chloride (PVC) Coated U-Bolt And Encapsulated Nuts	43.47	11.61
26 05 29 00-0543	EA	5" Polyvinyl Chloride (PVC) Coated U-Bolt And Encapsulated Nuts	71.96	13.23
26 05 29 00-0544	EA	6" Polyvinyl Chloride (PVC) Coated U-Bolt And Encapsulated Nuts	89.38	15.32
26 05 29 00-0545		Polyvinyl Chloride (PVC) Coated Hanger Rod Beam Clamps *(26 05 29 00-0532)*		
26 05 29 00-0546	EA	1/4", 20 Hole, 15/16" Jaw, Polyvinyl Chloride (PVC) Coated Hanger Rod Beam Clamp	66.58	22.95
26 05 29 00-0547	EA	5/16", 18 Hole, 7/8" Jaw, Polyvinyl Chloride (PVC) Coated Hanger Rod Beam Clamp	78.63	22.95
26 05 29 00-0548	EA	3/8", 16 Hole, 1" Jaw, Polyvinyl Chloride (PVC) Coated Hanger Rod Beam Clamp	83.60	22.95
26 05 29 00-0549	EA	1/2", 13 Hole, 1" Jaw, Polyvinyl Chloride (PVC) Coated Hanger Rod Beam Clamp	92.41	24.34
26 05 29 00-0550	EA	1/2", 13 Hole, 2-1/8" Jaw, Polyvinyl Chloride (PVC) Coated Hanger Rod Beam Clamp	108.33	27.81
26 05 29 00-0551		Polyvinyl Chloride (PVC) Coated Pipe Straps *(26 05 29 00-0532)*		
		Note: Includes stainless steel nuts and bolts.		
26 05 29 00-0552	EA	1/2" Polyvinyl Chloride (PVC) Coated Pipe Strap	24.38	7.65
26 05 29 00-0553	EA	3/4" Polyvinyl Chloride (PVC) Coated Pipe Strap	25.57	8.35
26 05 29 00-0554	EA	1" Polyvinyl Chloride (PVC) Coated Pipe Strap	27.86	9.04
26 05 29 00-0555	EA	1-1/4" Polyvinyl Chloride (PVC) Coated Pipe Strap	31.30	10.43
26 05 29 00-0556	EA	1-1/2" Polyvinyl Chloride (PVC) Coated Pipe Strap	35.85	11.82
26 05 29 00-0557	EA	2" Polyvinyl Chloride (PVC) Coated Pipe Strap	40.02	12.52
26 05 29 00-0558	EA	2-1/2" Polyvinyl Chloride (PVC) Coated Pipe Strap	44.20	13.91
26 05 29 00-0559	EA	3" Polyvinyl Chloride (PVC) Coated Pipe Strap	52.88	15.30
26 05 29 00-0560	EA	3-1/2" Polyvinyl Chloride (PVC) Coated Pipe Strap	58.00	16.00
26 05 29 00-0561	EA	4" Polyvinyl Chloride (PVC) Coated Pipe Strap	60.79	17.39
26 05 29 00-0562	EA	5" Polyvinyl Chloride (PVC) Coated Pipe Strap	64.75	19.47
26 05 29 00-0563		Polyvinyl Chloride (PVC) Coated Channel *(26 05 29 00-0462)*		
26 05 29 00-0564	LF	A12, Polyvinyl Chloride (PVC) Coated Channel	26.34	3.48
26 05 29 00-0565	LF	A12A, Polyvinyl Chloride (PVC) Coated Channel	46.95	4.87
26 05 29 00-0566	LF	A12P, Polyvinyl Chloride (PVC) Coated Channel	28.18	3.48
26 05 29 00-0567	LF	C14, Polyvinyl Chloride (PVC) Coated Channel	20.68	3.48
26 05 29 00-0568	LF	C14P, Polyvinyl Chloride (PVC) Coated Channel	21.82	3.48
26 05 29 00-0569		Polymer Concrete Pads *(26 05 29)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
		Note: Excludes excavation and backfill.		
26 05 29 00-0570		Polymer Concrete, Box Pads *(26 05 29 00-0569)*		
26 05 29 00-0571	EA	24" x 36", 18" Depth, Polymer Concrete, Box Pad	1,398.58	138.93
26 05 29 00-0572	EA	25" x 25", 24" Depth, Polymer Concrete, Box Pad	1,444.89	138.93
26 05 29 00-0573	EA	40" x 44", 15" Depth, Polymer Concrete, Box Pad	1,870.45	138.93
26 05 29 00-0574	EA	40" x 44", 24" Depth, Polymer Concrete, Box Pad	1,941.00	138.93
26 05 29 00-0575	EA	52" x 36", 18" Depth, Polymer Concrete, Box Pad	1,804.77	138.93
26 05 29 00-0576	EA	44" x 44", 32" Depth, Polymer Concrete, Box Pad	2,137.98	138.93
26 05 29 00-0577	EA	40" x 58", 24" Depth, Polymer Concrete, Box Pad	2,393.47	138.93
26 05 29 00-0578	EA	52" x 50", 18" Depth, Polymer Concrete, Box Pad	2,295.85	173.66
26 05 29 00-0579	EA	74" x 76", 36" Depth, Polymer Concrete, Box Pad	3,489.62	173.66
26 05 29 00-0580	EA	93" x 93", 36" Depth, Polymer Concrete, Box Pad	4,689.30	173.66
26 05 29 00-0581		Polymer Concrete, Telecommunications Equipment Pads *(26 05 29 00-0569)*		
26 05 29 00-0582	EA	42" x 42", 3" Thick, Polymer Concrete, Telecommunications Equipment Pad	682.45	79.27
26 05 29 00-0583	EA	48" x 46", 3" Thick, Polymer Concrete, Telecommunications Equipment Pad	808.96	79.27
26 05 29 00-0584	EA	60" x 42", 3" Thick, Polymer Concrete, Telecommunications Equipment Pad	1,037.73	104.19
26 05 29 00-0585	EA	54" x 48", 4" Thick, Polymer Concrete, Telecommunications Equipment Pad	1,084.75	104.19
26 05 29 00-0586	EA	57" x 60", 4" Thick, Polymer Concrete, Telecommunications Equipment Pad	1,563.38	104.19
26 05 29 00-0587	EA	72" x 60", 4" Thick, Polymer Concrete, Telecommunications Equipment Pad	1,629.90	104.19
26 05 29 00-0588	EA	64" x 72", 4" Thick, Polymer Concrete, Telecommunications Equipment Pad	1,753.86	104.19
26 05 29 00-0589	EA	72" x 64", 4" Thick, Polymer Concrete, Telecommunications Equipment Pad	1,753.86	104.19
26 05 29 00-0590	EA	76" x 84", 4" Thick, Polymer Concrete, Telecommunications Equipment Pad	3,311.08	104.19
26 05 29 00-0591	EA	96" x 84", 4" Thick, Polymer Concrete, Telecommunications Equipment Pad	3,755.42	104.19
26 05 29 00-0592		Polymer Concrete, Electrical Equipment Pads *(26 05 29 00-0569)*		
26 05 29 00-0593	EA	24" x 25", 2" Thick, Polymer Concrete, Electrical Equipment Pad	414.52	79.27
26 05 29 00-0594	EA	24" x 36", 2" Thick, Polymer Concrete, Electrical Equipment Pad	447.04	79.27
26 05 29 00-0595	EA	24" x 44", 2" Thick, Polymer Concrete, Electrical Equipment Pad	476.66	79.27
26 05 29 00-0596	EA	24" x 58", 2" Thick, Polymer Concrete, Electrical Equipment Pad	575.07	79.27
26 05 29 00-0597	EA	40" x 40", 3" Thick, Polymer Concrete, Electrical Equipment Pad	531.15	79.27
26 05 29 00-0598	EA	42" x 42", 3" Thick, Polymer Concrete, Electrical Equipment Pad	551.85	79.27
26 05 29 00-0599	EA	48" x 42", 4" Thick, Polymer Concrete, Electrical Equipment Pad	605.49	79.27
26 05 29 00-0600	EA	48" x 46", 3" Thick, Polymer Concrete, Electrical Equipment Pad	636.78	79.27
26 05 29 00-0601	EA	54" x 48", 4" Thick, Polymer Concrete, Electrical Equipment Pad	741.30	79.27
26 05 29 00-0602	EA	56" x 44", 3" Thick, Polymer Concrete, Electrical Equipment Pad	913.45	79.27
26 05 29 00-0603	EA	64" x 64", 4" Thick, Polymer Concrete, Electrical Equipment Pad	1,332.79	104.19
26 05 29 00-0604	EA	66" x 72", 4" Thick, Polymer Concrete, Electrical Equipment Pad	1,395.72	104.19
26 05 29 00-0605	EA	75" x 52", 4" Thick, Polymer Concrete, Electrical Equipment Pad	1,415.57	104.19
26 05 29 00-0606	EA	90" x 48", 4" Thick, Polymer Concrete, Electrical Equipment Pad	1,547.84	104.19
26 05 29 00-0607	EA	84" x 96", 4" Thick, Polymer Concrete, Electrical Equipment Pad	3,317.06	104.19
26 05 29 00-0608	EA	96" x 80", 4" Thick, Polymer Concrete, Electrical Equipment Pad	3,909.66	104.19

26 05 33 Raceway and Boxes for Electrical Systems *(26 05)*

26 05 33 13 Conduit for Electrical Systems *(26 05 33)*

26 05 33 13-0001 Conduit Assemblies With Wire *(26 05 33 13)*

Note: Includes conduit, field bending conduit up to and including 1", fittings and wire. Excludes hangers or supports.

26 05 33 13-0002 Electrical Metallic Tubing (EMT) Conduit Assemblies *(26 05 33 13-0001)*

Note: Includes conduit, field bends, fittings, set screw connectors, set screw couplings, straps, and copper wire as indicated. Per CLF. See CSI section 26 05 19 16-0546 for larger copper conducter, 26 05 33 13-0599 for larger EMT conduit.

26 05 33 13-0003	CLF	1/2" Electrical Metallic Tubing (EMT) Conduit Assembly With 2 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	903.35	258.79
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*221.86*	
		For 2 #12 THWN Conductor Instead Of THHN, Add	*1.69*	
26 05 33 13-0004	CLF	1/2" Electrical Metallic Tubing (EMT) Conduit Assembly With 3 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	983.74	281.03
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*240.92*	
		For 3 #12 THWN Conductor Instead Of THHN, Add	*2.53*	
26 05 33 13-0005	CLF	1/2" Electrical Metallic Tubing (EMT) Conduit Assembly With 4 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,064.13	303.27
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*259.98*	
		For 4 #12 THWN Conductor Instead Of THHN, Add	*3.37*	
26 05 33 13-0006	CLF	1/2" Electrical Metallic Tubing (EMT) Conduit Assembly With 2 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	952.06	269.91
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*231.39*	
		For 2 #10 THWN Conductor Instead Of THHN, Add	*2.53*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0007	CLF	1/2" Electrical Metallic Tubing (EMT) Conduit Assembly With 3 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,051.50	295.86
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*253.62*	
		For 3 #10 THWN Conductor Instead Of THHN, Add	*3.79*	
26 05 33 13-0008	CLF	1/2" Electrical Metallic Tubing (EMT) Conduit Assembly With 4 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conducter	1,150.94	321.79
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*275.86*	
		For 4 #10 THWN Conductor Instead Of THHN, Add	*5.05*	
26 05 33 13-0009	CLF	1/2" Electrical Metallic Tubing (EMT) Conduit Assembly With 2 #8 Copper THHN And 1 #10 Copper Insulated Grounding Conductor	1,061.56	292.15
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*250.45*	
		For 2 #8 THWN Conductor Instead Of THHN, Add	*4.41*	
26 05 33 13-0010	CLF	3/4" Electrical Metallic Tubing (EMT) Conduit Assembly With 2 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,021.83	279.01
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*239.14*	
		For 2 #12 THWN Conductor Instead Of THHN, Add	*1.69*	
26 05 33 13-0011	CLF	3/4" Electrical Metallic Tubing (EMT) Conduit Assembly With 3 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,102.22	301.25
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*258.20*	
		For 3 #12 THWN Conductor Instead Of THHN, Add	*2.53*	
26 05 33 13-0012	CLF	3/4" Electrical Metallic Tubing (EMT) Conduit Assembly With 4 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,182.61	323.49
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*277.26*	
26 05 33 13-0013	CLF	3/4" Electrical Metallic Tubing (EMT) Conduit Assembly With 5 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,262.99	345.73
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*296.32*	
		For 5 #12 THWN Conductor Instead Of THHN, Add	*4.21*	
26 05 33 13-0014	CLF	3/4" Electrical Metallic Tubing (EMT) Conduit Assembly With 2 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,070.53	290.13
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*248.67*	
		For 2 #10 THWN Conductor Instead Of THHN, Add	*2.53*	
26 05 33 13-0015	CLF	3/4" Electrical Metallic Tubing (EMT) Conduit Assembly With 3 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,169.97	316.08
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*270.90*	
		For 3 #10 THWN Conductor Instead Of THHN, Add	*3.79*	
26 05 33 13-0016	CLF	3/4" Electrical Metallic Tubing (EMT) Conduit Assembly With 4 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,269.43	342.02
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*293.14*	
		For 4 #10 THWN Conductor Instead Of THHN, Add	*5.05*	
26 05 33 13-0017	CLF	3/4" Electrical Metallic Tubing (EMT) Conduit Assembly With 5 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,368.86	367.96
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*315.38*	
		For 5 #10 THWN Conductor Instead Of THHN, Add	*6.32*	
26 05 33 13-0018	CLF	3/4" Electrical Metallic Tubing (EMT) Conduit Assembly With 3 #8 Copper THHN And 1 #10 Copper Insulated Grounding Conductor	1,319.41	345.73
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*296.32*	
		For 3 #8 THWN Conductor Instead Of THHN, Add	*6.61*	
26 05 33 13-0019	CLF	3/4" Electrical Metallic Tubing (EMT) Conduit Assembly With 4 #8 Copper THHN And 1 #10 Copper Insulated Grounding Conductor	1,458.79	379.08
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*324.91*	
		For 4 #8 THWN Conductor Instead Of THHN, Add	*8.82*	
26 05 33 13-0020	CLF	3/4" Electrical Metallic Tubing (EMT) Conduit Assembly With 2 #6 Copper THHN And 1 #8 Copper Insulated Grounding Conductor	1,319.92	334.61
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*286.79*	
		For 2 #6 THWN Conductor Instead Of THHN, Add	*7.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0021	CLF	3/4" Electrical Metallic Tubing (EMT) Conduit Assembly With 3 #6 Copper THHN And 1 #8 Copper Insulated Grounding Conductor	1,509.27	375.38
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*321.73*	
		For 3 #6 THWN Conductor Instead Of THHN, Add	*10.93*	
26 05 33 13-0022	CLF	1" Electrical Metallic Tubing (EMT) Conduit Assembly With 2 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,196.75	300.30
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*257.44*	
		For 2 #12 THWN Conductor Instead Of THHN, Add	*1.69*	
26 05 33 13-0023	CLF	1" Electrical Metallic Tubing (EMT) Conduit Assembly With 3 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,277.13	322.54
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*276.50*	
		For 3 #12 THWN Conductor Instead Of THHN, Add	*2.53*	
26 05 33 13-0024	CLF	1" Electrical Metallic Tubing (EMT) Conduit Assembly With 4 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,357.53	344.78
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*295.56*	
26 05 33 13-0025	CLF	1" Electrical Metallic Tubing (EMT) Conduit Assembly With 5 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,437.91	367.00
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*314.62*	
		For 5 #12 THWN Conductor Instead Of THHN, Add	*4.21*	
26 05 33 13-0026	CLF	1" Electrical Metallic Tubing (EMT) Conduit Assembly With 2 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,245.44	311.42
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*266.96*	
		For 2 #10 THWN Conductor Instead Of THHN, Add	*2.53*	
26 05 33 13-0027	CLF	1" Electrical Metallic Tubing (EMT) Conduit Assembly With 3 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,344.89	337.36
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*289.20*	
		For 3 #10 THWN Conductor Instead Of THHN, Add	*3.79*	
26 05 33 13-0028	CLF	1" Electrical Metallic Tubing (EMT) Conduit Assembly With 4 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,444.34	363.30
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*311.44*	
		For 4 #10 THWN Conductor Instead Of THHN, Add	*5.05*	
26 05 33 13-0029	CLF	1" Electrical Metallic Tubing (EMT) Conduit Assembly With 5 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,543.77	389.24
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*333.67*	
		For 5 #10 THWN Conductor Instead Of THHN, Add	*6.32*	
26 05 33 13-0030	CLF	1" Electrical Metallic Tubing (EMT) Conduit Assembly With 3 #8 Copper THHN And 1 #10 Copper Insulated Grounding Conductor	1,494.33	367.00
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*314.62*	
		For 3 #8 THWN Conductor Instead Of THHN, Add	*6.61*	
26 05 33 13-0031	CLF	1" Electrical Metallic Tubing (EMT) Conduit Assembly With 3 #6 Copper THHN And 1 #8 Copper Insulated Grounding Conductor	1,684.19	396.65
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*340.03*	
		For 3 #6 THWN Conductor Instead Of THHN, Add	*10.93*	
26 05 33 13-0032	CLF	1" Electrical Metallic Tubing (EMT) Conduit Assembly With 4 #6 Copper THHN And 1 #8 Copper Insulated Grounding Conductor	1,873.53	437.42
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*374.97*	
		For 4 #6 THWN Conductor Instead Of THHN, Add	*14.57*	
26 05 33 13-0033		Rigid Galvanized Steel (RGS) Conduit Assemblies *(26 05 33 13-0001)*		
		Note: Includes conduit, field bends, fittings, terminations, straps, and copper wire as indicated. Per CLF. See CSI section 26 05 19 16-0546 for larger copper conducter, 26 05 33 13-0060 for larger RGS conduit.		
26 05 33 13-0034	CLF	1/2" Rigid Galvanized Steel (RGS) Conduit Assembly With 2 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,185.42	294.58
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*252.48*	
		For 2 #12 THWN Conductor Instead Of THHN, Add	*1.69*	
26 05 33 13-0035	CLF	1/2" Rigid Galvanized Steel (RGS) Conduit Assembly With 3 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,265.81	316.82
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*271.54*	
		For 3 #12 THWN Conductor Instead Of THHN, Add	*2.53*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0036	CLF	1/2" Rigid Galvanized Steel (RGS) Conduit Assembly With 2 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,234.12	305.70
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*262.01*	
		For 2 #10 THWN Conductor Instead Of THHN, Add	*2.53*	
26 05 33 13-0037	CLF	1/2" Rigid Galvanized Steel (RGS) Conduit Assembly With 3 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,333.57	331.64
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*284.25*	
		For 3 #10 THWN Conductor Instead Of THHN, Add	*3.79*	
26 05 33 13-0038	CLF	1/2" Rigid Galvanized Steel (RGS) Conduit Assembly With 2 #8 Copper THHN And 1 #10 Copper Insulated Grounding Conductor	1,343.63	327.93
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*281.07*	
		For 2 #8 THWN Conductor Instead Of THHN, Add	*4.41*	
26 05 33 13-0039	CLF	3/4" Rigid Galvanized Steel (RGS) Conduit Assembly With 2 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,309.90	314.17
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*269.25*	
		For 2 #12 THWN Conductor Instead Of THHN, Add	*1.69*	
26 05 33 13-0040	CLF	3/4" Rigid Galvanized Steel (RGS) Conduit Assembly With 3 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,390.30	336.40
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*288.31*	
		For 3 #12 THWN Conductor Instead Of THHN, Add	*2.53*	
26 05 33 13-0041	CLF	3/4" Rigid Galvanized Steel (RGS) Conduit Assembly With 4 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,470.68	358.64
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*307.37*	
26 05 33 13-0042	CLF	3/4" Rigid Galvanized Steel (RGS) Conduit Assembly With 2 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,358.61	325.28
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*278.78*	
		For 2 #10 THWN Conductor Instead Of THHN, Add	*2.53*	
26 05 33 13-0043	CLF	3/4" Rigid Galvanized Steel (RGS) Conduit Assembly With 3 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,458.05	351.23
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*301.02*	
		For 3 #10 THWN Conductor Instead Of THHN, Add	*3.79*	
26 05 33 13-0044	CLF	3/4" Rigid Galvanized Steel (RGS) Conduit Assembly With 4 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,557.49	377.17
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*323.25*	
		For 4 #10 THWN Conductor Instead Of THHN, Add	*5.05*	
26 05 33 13-0045	CLF	3/4" Rigid Galvanized Steel (RGS) Conduit Assembly With 3 #8 Copper THHN And 1 #10 Copper Insulated Grounding Conductor	1,607.49	380.88
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*326.43*	
		For 3 #8 THWN Conductor Instead Of THHN, Add	*6.61*	
26 05 33 13-0046	CLF	3/4" Rigid Galvanized Steel (RGS) Conduit Assembly With 4 #8 Copper THHN And 1 #10 Copper Insulated Grounding Conductor	1,746.86	414.23
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*355.02*	
		For 4 #8 THWN Conductor Instead Of THHN, Add	*8.82*	
26 05 33 13-0047	CLF	3/4" Rigid Galvanized Steel (RGS) Conduit Assembly With 2 #6 Copper THHN And 1 #8 Copper Insulated Grounding Conductor	1,608.00	369.76
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*316.90*	
		For 2 #6 THWN Conductor Instead Of THHN, Add	*7.29*	
26 05 33 13-0048	CLF	3/4" Rigid Galvanized Steel (RGS) Conduit Assembly With 3 #6 Copper THHN And 1 #8 Copper Insulated Grounding Conductor	1,797.34	410.53
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*351.84*	
		For 3 #6 THWN Conductor Instead Of THHN, Add	*10.93*	
26 05 33 13-0049	CLF	1" Rigid Galvanized Steel (RGS) Conduit Assembly With 3 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,699.00	375.16
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*321.57*	
		For 3 #12 THWN Conductor Instead Of THHN, Add	*2.53*	
26 05 33 13-0050	CLF	1" Rigid Galvanized Steel (RGS) Conduit Assembly With 4 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,779.39	397.40
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*340.63*	
26 05 33 13-0051	CLF	1" Rigid Galvanized Steel (RGS) Conduit Assembly With 5 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,859.78	419.63
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*359.69*	
		For 5 #12 THWN Conductor Instead Of THHN, Add	*4.21*	
26 05 33 13-0052	CLF	1" Rigid Galvanized Steel (RGS) Conduit Assembly With 3 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,766.76	389.99
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*334.28*	
		For 3 #10 THWN Conductor Instead Of THHN, Add	*3.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0053	CLF	1" Rigid Galvanized Steel (RGS) Conduit Assembly With 4 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,866.21	415.92
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*356.52*	
		For 4 #10 THWN Conductor Instead Of THHN, Add	*5.05*	
26 05 33 13-0054	CLF	1" Rigid Galvanized Steel (RGS) Conduit Assembly With 5 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,965.64	441.87
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*378.75*	
		For 5 #10 THWN Conductor Instead Of THHN, Add	*6.32*	
26 05 33 13-0055	CLF	1" Rigid Galvanized Steel (RGS) Conduit Assembly With 3 #8 Copper THHN And 1 #10 Copper Insulated Grounding Conductor	1,916.19	419.63
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*359.69*	
		For 3 #8 THWN Conductor Instead Of THHN, Add	*6.61*	
26 05 33 13-0056	CLF	1" Rigid Galvanized Steel (RGS) Conduit Assembly With 3 #6 Copper THHN And 1 #8 Copper Insulated Grounding Conductor	2,106.05	449.28
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*385.10*	
		For 3 #6 THWN Conductor Instead Of THHN, Add	*10.93*	
26 05 33 13-0057	CLF	1" Rigid Galvanized Steel (RGS) Conduit Assembly With 4 #6 Copper THHN And 1 #8 Copper Insulated Grounding Conductor	2,295.40	490.05
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*420.05*	
		For 4 #6 THWN Conductor Instead Of THHN, Add	*14.57*	

26 05 33 13-0058 Conduit *(26 05 33 13)*

Note: Where 4-1/2" conduit is required, use tasks for 5" conduit. Add couplings as required at each fitting.

26 05 33 13-0059 Conduit Installed Above Grade *(26 05 33 13-0058)*

See CSI section 26 05 29 00-0000 for supporting strap, hanger and fastening.

26 05 33 13-0060 Rigid Galvanized Steel (RGS) Or Galvanized Rigid Steel Conduit (GRC) Conduit *(26 05 33 13-0059)*

Note: Exposed installation, branch and feeder conduit. Excludes supporting strap, hanger and fastening.

26 05 33 13-0061 Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling *(26 05 33 13-0060)*

Note: Includes field bending conduit up to and including 1". See CSI section 26 05 33 13-2314 for field bending >1".

26 05 33 13-0062	LF	1/2" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling	8.64	2.33
		For >250 To 500, Deduct	*-0.14*	
		For >500 To 1,000, Deduct	*-0.50*	
		For >1,000, Deduct	*-0.72*	
		For Installation In Metal Stud Wall, Add	*0.58*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*1.46*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.87*	
		For Work In Restricted Working Space, Add	*1.75*	
		For Elevated Installation >10' To 15', Add	*0.58*	
		For Elevated Installation >15' To 20', Add	*1.17*	
		For Elevated Installation >20' To 25', Add	*1.46*	
		For Elevated Installation >25' To 30', Add	*2.04*	
		For Elevated Installation >30' To 35', Add	*2.33*	
		For Elevated Installation >35' To 40', Add	*2.92*	
		For Elevated Installation >40', Add	*3.21*	
26 05 33 13-0063	LF	3/4" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling	10.25	2.54
		For >250 To 500, Deduct	*-0.17*	
		For >500 To 1,000, Deduct	*-0.60*	
		For >1,000, Deduct	*-0.86*	
		For Installation In Metal Stud Wall, Add	*0.68*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*1.70*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*1.02*	
		For Work In Restricted Working Space, Add	*2.03*	
		For Elevated Installation >10' To 15', Add	*0.68*	
		For Elevated Installation >15' To 20', Add	*1.36*	
		For Elevated Installation >20' To 25', Add	*1.70*	
		For Elevated Installation >25' To 30', Add	*2.37*	
		For Elevated Installation >30' To 35', Add	*2.71*	
		For Elevated Installation >35' To 40', Add	*3.39*	
		For Elevated Installation >40', Add	*3.73*	
26 05 33 13-0064	LF	1" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling	14.47	2.97
		For >250 To 500, Deduct	*-0.27*	
		For >500 To 1,000, Deduct	*-0.86*	
		For >1,000, Deduct	*-1.22*	
		For Installation In Metal Stud Wall, Add	*0.91*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*2.28*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*1.37*	
		For Work In Restricted Working Space, Add	*2.73*	
		For Elevated Installation >10' To 15', Add	*0.91*	
		For Elevated Installation >15' To 20', Add	*1.82*	
		For Elevated Installation >20' To 25', Add	*2.28*	
		For Elevated Installation >25' To 30', Add	*3.19*	
		For Elevated Installation >30' To 35', Add	*3.64*	
		For Elevated Installation >35' To 40', Add	*4.55*	
		For Elevated Installation >40', Add	*5.01*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0065	LF	1-1/4" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling	16.80	3.39
		For >250 To 500, Deduct	*-0.36*	
		For >500 To 1,000, Deduct	*-1.02*	
		For >1,000, Deduct	*-1.44*	
		For Installation In Metal Stud Wall, Add	*0.96*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*2.41*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*1.45*	
		For Work In Restricted Working Space, Add	*2.89*	
		For Elevated Installation >10' To 15', Add	*0.96*	
		For Elevated Installation >15' To 20', Add	*1.93*	
		For Elevated Installation >20' To 25', Add	*2.41*	
		For Elevated Installation >25' To 30', Add	*3.37*	
		For Elevated Installation >30' To 35', Add	*3.86*	
		For Elevated Installation >35' To 40', Add	*4.82*	
		For Elevated Installation >40', Add	*5.30*	
26 05 33 13-0066	LF	1-1/2" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling	19.36	3.81
		For >250 To 500, Deduct	*-0.44*	
		For >500 To 1,000, Deduct	*-1.19*	
		For >1,000, Deduct	*-1.67*	
		For Installation In Metal Stud Wall, Add	*1.06*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*2.65*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*1.59*	
		For Work In Restricted Working Space, Add	*3.18*	
		For Elevated Installation >10' To 15', Add	*1.06*	
		For Elevated Installation >15' To 20', Add	*2.12*	
		For Elevated Installation >20' To 25', Add	*2.65*	
		For Elevated Installation >25' To 30', Add	*3.71*	
		For Elevated Installation >30' To 35', Add	*4.24*	
		For Elevated Installation >35' To 40', Add	*5.30*	
		For Elevated Installation >40', Add	*5.82*	
26 05 33 13-0067	LF	2" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling	24.75	4.66
		For >250 To 500, Deduct	*-0.59*	
		For >500 To 1,000, Deduct	*-1.53*	
		For >1,000, Deduct	*-2.15*	
		For Installation In Metal Stud Wall, Add	*1.30*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*3.26*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*1.95*	
		For Work In Restricted Working Space, Add	*3.91*	
		For Elevated Installation >10' To 15', Add	*1.30*	
		For Elevated Installation >15' To 20', Add	*2.60*	
		For Elevated Installation >20' To 25', Add	*3.26*	
		For Elevated Installation >25' To 30', Add	*4.56*	
		For Elevated Installation >30' To 35', Add	*5.21*	
		For Elevated Installation >35' To 40', Add	*6.51*	
		For Elevated Installation >40', Add	*7.16*	
26 05 33 13-0068	LF	2-1/2" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling	37.12	6.36
		For >250 To 500, Deduct	*-0.97*	
		For >500 To 1,000, Deduct	*-2.34*	
		For >1,000, Deduct	*-3.27*	
		For Installation In Metal Stud Wall, Add	*1.77*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*4.42*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*2.65*	
		For Work In Restricted Working Space, Add	*5.31*	
		For Elevated Installation >10' To 15', Add	*1.77*	
		For Elevated Installation >15' To 20', Add	*3.54*	
		For Elevated Installation >20' To 25', Add	*4.42*	
		For Elevated Installation >25' To 30', Add	*6.19*	
		For Elevated Installation >30' To 35', Add	*7.08*	
		For Elevated Installation >35' To 40', Add	*8.85*	
		For Elevated Installation >40', Add	*9.73*	
26 05 33 13-0069	LF	3" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling	48.55	8.47
		For >250 To 500, Deduct	*-1.24*	
		For >500 To 1,000, Deduct	*-3.05*	
		For >1,000, Deduct	*-4.26*	
		For Installation In Metal Stud Wall, Add	*2.38*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*5.96*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*3.57*	
		For Work In Restricted Working Space, Add	*7.15*	
		For Elevated Installation >10' To 15', Add	*2.38*	
		For Elevated Installation >15' To 20', Add	*4.76*	
		For Elevated Installation >20' To 25', Add	*5.96*	
		For Elevated Installation >25' To 30', Add	*8.34*	
		For Elevated Installation >30' To 35', Add	*9.53*	
		For Elevated Installation >35' To 40', Add	*11.91*	
		For Elevated Installation >40', Add	*13.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0070	LF	3-1/2" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling	58.45	10.59
		For >250 To 500, Deduct	*-1.51*	
		For >500 To 1,000, Deduct	*-3.68*	
		For >1,000, Deduct	*-5.14*	
		For Installation In Metal Stud Wall, Add	*2.83*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*7.07*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*4.24*	
		For Work In Restricted Working Space, Add	*8.48*	
		For Elevated Installation >10' To 15', Add	*2.83*	
		For Elevated Installation >15' To 20', Add	*5.66*	
		For Elevated Installation >20' To 25', Add	*7.07*	
		For Elevated Installation >25' To 30', Add	*9.90*	
		For Elevated Installation >30' To 35', Add	*11.31*	
		For Elevated Installation >35' To 40', Add	*14.14*	
		For Elevated Installation >40', Add	*15.55*	
26 05 33 13-0071	LF	4" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling	69.48	12.70
		For >250 To 500, Deduct	*-1.84*	
		For >500 To 1,000, Deduct	*-4.40*	
		For >1,000, Deduct	*-6.13*	
		For Installation In Metal Stud Wall, Add	*3.26*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*8.16*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*4.89*	
		For Work In Restricted Working Space, Add	*9.79*	
		For Elevated Installation >10' To 15', Add	*3.26*	
		For Elevated Installation >15' To 20', Add	*6.52*	
		For Elevated Installation >20' To 25', Add	*8.16*	
		For Elevated Installation >25' To 30', Add	*11.42*	
		For Elevated Installation >30' To 35', Add	*13.05*	
		For Elevated Installation >35' To 40', Add	*16.31*	
		For Elevated Installation >40', Add	*17.94*	
26 05 33 13-0072	LF	5" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling	111.40	16.09
		For >250 To 500, Deduct	*-3.56*	
		For >500 To 1,000, Deduct	*-7.35*	
		For >1,000, Deduct	*-10.13*	
		For Installation In Metal Stud Wall, Add	*4.02*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*10.06*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*6.04*	
		For Work In Restricted Working Space, Add	*12.07*	
		For Elevated Installation >10' To 15', Add	*4.02*	
		For Elevated Installation >15' To 20', Add	*8.05*	
		For Elevated Installation >20' To 25', Add	*10.06*	
		For Elevated Installation >25' To 30', Add	*14.08*	
		For Elevated Installation >30' To 35', Add	*16.10*	
		For Elevated Installation >35' To 40', Add	*20.12*	
		For Elevated Installation >40', Add	*22.13*	
26 05 33 13-0073	LF	6" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling	150.85	20.33
		For >250 To 500, Deduct	*-5.00*	
		For >500 To 1,000, Deduct	*-10.04*	
		For >1,000, Deduct	*-13.81*	
		For Installation In Metal Stud Wall, Add	*5.08*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*12.71*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*7.62*	
		For Work In Restricted Working Space, Add	*15.25*	
		For Elevated Installation >10' To 15', Add	*5.08*	
		For Elevated Installation >15' To 20', Add	*10.17*	
		For Elevated Installation >20' To 25', Add	*12.71*	
		For Elevated Installation >25' To 30', Add	*17.79*	
		For Elevated Installation >30' To 35', Add	*20.33*	
		For Elevated Installation >35' To 40', Add	*25.42*	
		For Elevated Installation >40', Add	*27.96*	

26 05 33 13-0074 Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow *(26 05 33 13-0060)*

See CSI section 26 05 33 13-2314 for conduit field bending.

26 05 33 13-0075	EA	1/2" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow	31.79	10.49
		For Work In Restricted Working Space, Add	*7.89*	
		For Elevated Installation >10' To 15', Add	*2.63*	
		For Elevated Installation >15' To 20', Add	*5.26*	
		For Elevated Installation >20' To 25', Add	*6.57*	
		For Elevated Installation >25' To 30', Add	*9.20*	
		For Elevated Installation >30' To 35', Add	*10.52*	
		For Elevated Installation >35' To 40', Add	*13.15*	
		For Elevated Installation >40', Add	*14.46*	
26 05 33 13-0076	EA	3/4" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow	39.94	13.02
		For Work In Restricted Working Space, Add	*9.81*	
		For Elevated Installation >10' To 15', Add	*3.27*	
		For Elevated Installation >15' To 20', Add	*6.54*	
		For Elevated Installation >20' To 25', Add	*8.17*	
		For Elevated Installation >25' To 30', Add	*11.44*	
		For Elevated Installation >30' To 35', Add	*13.08*	
		For Elevated Installation >35' To 40', Add	*16.35*	
		For Elevated Installation >40', Add	*17.98*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0077	EA	1" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow	51.03	15.99
		For Work In Restricted Working Space, Add	*11.96*	
		For Elevated Installation >10' To 15', Add	*3.99*	
		For Elevated Installation >15' To 20', Add	*7.97*	
		For Elevated Installation >20' To 25', Add	*9.97*	
		For Elevated Installation >25' To 30', Add	*13.95*	
		For Elevated Installation >30' To 35', Add	*15.95*	
		For Elevated Installation >35' To 40', Add	*19.94*	
		For Elevated Installation >40', Add	*21.93*	
26 05 33 13-0078	EA	1-1/4" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow	65.37	18.53
		For Work In Restricted Working Space, Add	*13.88*	
		For Elevated Installation >10' To 15', Add	*4.63*	
		For Elevated Installation >15' To 20', Add	*9.26*	
		For Elevated Installation >20' To 25', Add	*11.57*	
		For Elevated Installation >25' To 30', Add	*16.20*	
		For Elevated Installation >30' To 35', Add	*18.51*	
		For Elevated Installation >35' To 40', Add	*23.14*	
		For Elevated Installation >40', Add	*25.45*	
26 05 33 13-0079	EA	1-1/2" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow	75.89	21.29
		For Work In Restricted Working Space, Add	*15.94*	
		For Elevated Installation >10' To 15', Add	*5.31*	
		For Elevated Installation >15' To 20', Add	*10.63*	
		For Elevated Installation >20' To 25', Add	*13.28*	
		For Elevated Installation >25' To 30', Add	*18.60*	
		For Elevated Installation >30' To 35', Add	*21.25*	
		For Elevated Installation >35' To 40', Add	*26.57*	
		For Elevated Installation >40', Add	*29.22*	
26 05 33 13-0080	EA	2" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow	89.73	23.40
		For Work In Restricted Working Space, Add	*17.53*	
		For Elevated Installation >10' To 15', Add	*5.84*	
		For Elevated Installation >15' To 20', Add	*11.69*	
		For Elevated Installation >20' To 25', Add	*14.61*	
		For Elevated Installation >25' To 30', Add	*20.45*	
		For Elevated Installation >30' To 35', Add	*23.38*	
		For Elevated Installation >35' To 40', Add	*29.22*	
		For Elevated Installation >40', Add	*32.14*	
26 05 33 13-0081	EA	2-1/2" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow	128.81	29.23
		For Work In Restricted Working Space, Add	*21.92*	
		For Elevated Installation >10' To 15', Add	*7.31*	
		For Elevated Installation >15' To 20', Add	*14.61*	
		For Elevated Installation >20' To 25', Add	*18.26*	
		For Elevated Installation >25' To 30', Add	*25.57*	
		For Elevated Installation >30' To 35', Add	*29.22*	
		For Elevated Installation >35' To 40', Add	*36.53*	
		For Elevated Installation >40', Add	*40.18*	
26 05 33 13-0082	EA	3" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow	182.54	39.82
		For Work In Restricted Working Space, Add	*29.86*	
		For Elevated Installation >10' To 15', Add	*9.95*	
		For Elevated Installation >15' To 20', Add	*19.90*	
		For Elevated Installation >20' To 25', Add	*24.88*	
		For Elevated Installation >25' To 30', Add	*34.83*	
		For Elevated Installation >30' To 35', Add	*39.81*	
		For Elevated Installation >35' To 40', Add	*49.76*	
		For Elevated Installation >40', Add	*54.74*	
26 05 33 13-0083	EA	3-1/2" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow	242.05	44.90
		For Work In Restricted Working Space, Add	*33.68*	
		For Elevated Installation >10' To 15', Add	*11.23*	
		For Elevated Installation >15' To 20', Add	*22.45*	
		For Elevated Installation >20' To 25', Add	*28.07*	
		For Elevated Installation >25' To 30', Add	*39.29*	
		For Elevated Installation >30' To 35', Add	*44.90*	
		For Elevated Installation >35' To 40', Add	*56.13*	
		For Elevated Installation >40', Add	*61.74*	
26 05 33 13-0084	EA	4" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow	295.67	58.46
		For Work In Restricted Working Space, Add	*43.83*	
		For Elevated Installation >10' To 15', Add	*14.61*	
		For Elevated Installation >15' To 20', Add	*29.22*	
		For Elevated Installation >20' To 25', Add	*36.53*	
		For Elevated Installation >25' To 30', Add	*51.14*	
		For Elevated Installation >30' To 35', Add	*58.44*	
		For Elevated Installation >35' To 40', Add	*73.05*	
		For Elevated Installation >40', Add	*80.36*	
26 05 33 13-0085	EA	5" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow	483.68	95.30
		For Work In Restricted Working Space, Add	*71.48*	
		For Elevated Installation >10' To 15', Add	*23.83*	
		For Elevated Installation >15' To 20', Add	*47.65*	
		For Elevated Installation >20' To 25', Add	*59.57*	
		For Elevated Installation >25' To 30', Add	*83.39*	
		For Elevated Installation >30' To 35', Add	*95.30*	
		For Elevated Installation >35' To 40', Add	*119.13*	
		For Elevated Installation >40', Add	*131.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0086	EA	6" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow	727.15	143.16
		For Work In Restricted Working Space, Add	*107.36*	
		For Elevated Installation >10' To 15', Add	*35.79*	
		For Elevated Installation >15' To 20', Add	*71.57*	
		For Elevated Installation >20' To 25', Add	*89.47*	
		For Elevated Installation >25' To 30', Add	*125.25*	
		For Elevated Installation >30' To 35', Add	*143.15*	
		For Elevated Installation >35' To 40', Add	*178.94*	
		For Elevated Installation >40', Add	*196.83*	

26 05 33 13-0087 Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow *(26 05 33 13-0060)*

See CSI section 26 05 33 13-2314 for conduit field bending.

26 05 33 13-0088	EA	1/2" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow	31.79	10.49
		For Work In Restricted Working Space, Add	*7.89*	
		For Elevated Installation >10' To 15', Add	*2.63*	
		For Elevated Installation >15' To 20', Add	*5.26*	
		For Elevated Installation >20' To 25', Add	*6.57*	
		For Elevated Installation >25' To 30', Add	*9.20*	
		For Elevated Installation >30' To 35', Add	*10.52*	
		For Elevated Installation >35' To 40', Add	*13.15*	
		For Elevated Installation >40', Add	*14.46*	
26 05 33 13-0089	EA	3/4" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow	39.94	13.02
		For Work In Restricted Working Space, Add	*9.81*	
		For Elevated Installation >10' To 15', Add	*3.27*	
		For Elevated Installation >15' To 20', Add	*6.54*	
		For Elevated Installation >20' To 25', Add	*8.17*	
		For Elevated Installation >25' To 30', Add	*11.44*	
		For Elevated Installation >30' To 35', Add	*13.08*	
		For Elevated Installation >35' To 40', Add	*16.35*	
		For Elevated Installation >40', Add	*17.98*	
26 05 33 13-0090	EA	1" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow	51.03	15.99
		For Work In Restricted Working Space, Add	*11.96*	
		For Elevated Installation >10' To 15', Add	*3.99*	
		For Elevated Installation >15' To 20', Add	*7.97*	
		For Elevated Installation >20' To 25', Add	*9.97*	
		For Elevated Installation >25' To 30', Add	*13.95*	
		For Elevated Installation >30' To 35', Add	*15.95*	
		For Elevated Installation >35' To 40', Add	*19.94*	
		For Elevated Installation >40', Add	*21.93*	
26 05 33 13-0091	EA	1-1/4" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow	65.37	18.53
		For Work In Restricted Working Space, Add	*13.88*	
		For Elevated Installation >10' To 15', Add	*4.63*	
		For Elevated Installation >15' To 20', Add	*9.26*	
		For Elevated Installation >20' To 25', Add	*11.57*	
		For Elevated Installation >25' To 30', Add	*16.20*	
		For Elevated Installation >30' To 35', Add	*18.51*	
		For Elevated Installation >35' To 40', Add	*23.14*	
		For Elevated Installation >40', Add	*25.45*	
26 05 33 13-0092	EA	1-1/2" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow	75.89	21.29
		For Work In Restricted Working Space, Add	*15.94*	
		For Elevated Installation >10' To 15', Add	*5.31*	
		For Elevated Installation >15' To 20', Add	*10.63*	
		For Elevated Installation >20' To 25', Add	*13.28*	
		For Elevated Installation >25' To 30', Add	*18.60*	
		For Elevated Installation >30' To 35', Add	*21.25*	
		For Elevated Installation >35' To 40', Add	*26.57*	
		For Elevated Installation >40', Add	*29.22*	
26 05 33 13-0093	EA	2" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow	89.73	23.40
		For Work In Restricted Working Space, Add	*17.53*	
		For Elevated Installation >10' To 15', Add	*5.84*	
		For Elevated Installation >15' To 20', Add	*11.69*	
		For Elevated Installation >20' To 25', Add	*14.61*	
		For Elevated Installation >25' To 30', Add	*20.45*	
		For Elevated Installation >30' To 35', Add	*23.38*	
		For Elevated Installation >35' To 40', Add	*29.22*	
		For Elevated Installation >40', Add	*32.14*	
26 05 33 13-0094	EA	2-1/2" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow	126.55	29.23
		For Work In Restricted Working Space, Add	*21.92*	
		For Elevated Installation >10' To 15', Add	*7.31*	
		For Elevated Installation >15' To 20', Add	*14.61*	
		For Elevated Installation >20' To 25', Add	*18.26*	
		For Elevated Installation >25' To 30', Add	*25.57*	
		For Elevated Installation >30' To 35', Add	*29.22*	
		For Elevated Installation >35' To 40', Add	*36.53*	
		For Elevated Installation >40', Add	*40.18*	
26 05 33 13-0095	EA	3" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow	173.72	39.82
		For Work In Restricted Working Space, Add	*29.86*	
		For Elevated Installation >10' To 15', Add	*9.95*	
		For Elevated Installation >15' To 20', Add	*19.90*	
		For Elevated Installation >20' To 25', Add	*24.88*	
		For Elevated Installation >25' To 30', Add	*34.83*	
		For Elevated Installation >30' To 35', Add	*39.81*	
		For Elevated Installation >35' To 40', Add	*49.76*	
		For Elevated Installation >40', Add	*54.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0096	EA	3-1/2" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow	229.65	44.90
		For Work In Restricted Working Space, Add	*33.68*	
		For Elevated Installation >10' To 15', Add	*11.23*	
		For Elevated Installation >15' To 20', Add	*22.45*	
		For Elevated Installation >20' To 25', Add	*28.07*	
		For Elevated Installation >25' To 30', Add	*39.29*	
		For Elevated Installation >30' To 35', Add	*44.90*	
		For Elevated Installation >35' To 40', Add	*56.13*	
		For Elevated Installation >40', Add	*61.74*	
26 05 33 13-0097	EA	4" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow	279.18	58.46
		For Work In Restricted Working Space, Add	*43.83*	
		For Elevated Installation >10' To 15', Add	*14.61*	
		For Elevated Installation >15' To 20', Add	*29.22*	
		For Elevated Installation >20' To 25', Add	*36.53*	
		For Elevated Installation >25' To 30', Add	*51.14*	
		For Elevated Installation >30' To 35', Add	*58.44*	
		For Elevated Installation >35' To 40', Add	*73.05*	
		For Elevated Installation >40', Add	*80.36*	
26 05 33 13-0098	EA	5" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow	483.68	95.30
		For Work In Restricted Working Space, Add	*71.48*	
		For Elevated Installation >10' To 15', Add	*23.83*	
		For Elevated Installation >15' To 20', Add	*47.65*	
		For Elevated Installation >20' To 25', Add	*59.57*	
		For Elevated Installation >25' To 30', Add	*83.39*	
		For Elevated Installation >30' To 35', Add	*95.30*	
		For Elevated Installation >35' To 40', Add	*119.13*	
		For Elevated Installation >40', Add	*131.04*	
26 05 33 13-0099	EA	6" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow	727.15	143.16
		For Work In Restricted Working Space, Add	*107.36*	
		For Elevated Installation >10' To 15', Add	*35.79*	
		For Elevated Installation >15' To 20', Add	*71.57*	
		For Elevated Installation >20' To 25', Add	*89.47*	
		For Elevated Installation >25' To 30', Add	*125.25*	
		For Elevated Installation >30' To 35', Add	*143.15*	
		For Elevated Installation >35' To 40', Add	*178.94*	
		For Elevated Installation >40', Add	*196.83*	

26 05 33 13-0100 Rigid Galvanized Steel (RGS) 12" Large Radius Elbow *(26 05 33 13-0060)*

See CSI section 26 05 33 13-2314 for conduit field bending.

26 05 33 13-0101	EA	1" Rigid Galvanized Steel (RGS) 12" Large Radius Elbow	78.89	26.15
		For Work In Restricted Working Space, Add	*15.69*	
		For Elevated Installation >10' To 15', Add	*5.23*	
		For Elevated Installation >15' To 20', Add	*10.46*	
		For Elevated Installation >20' To 25', Add	*13.08*	
		For Elevated Installation >25' To 30', Add	*18.31*	
		For Elevated Installation >30' To 35', Add	*20.92*	
		For Elevated Installation >35' To 40', Add	*26.16*	
		For Elevated Installation >40', Add	*28.77*	
26 05 33 13-0102	EA	1-1/4" Rigid Galvanized Steel (RGS) 12" Large Radius Elbow	90.91	30.28
		For Work In Restricted Working Space, Add	*18.17*	
		For Elevated Installation >10' To 15', Add	*6.06*	
		For Elevated Installation >15' To 20', Add	*12.11*	
		For Elevated Installation >20' To 25', Add	*15.14*	
		For Elevated Installation >25' To 30', Add	*21.20*	
		For Elevated Installation >30' To 35', Add	*24.23*	
		For Elevated Installation >35' To 40', Add	*30.29*	
		For Elevated Installation >40', Add	*33.31*	
26 05 33 13-0103	EA	1-1/2" Rigid Galvanized Steel (RGS) 12" Large Radius Elbow	105.16	34.41
		For Work In Restricted Working Space, Add	*20.65*	
		For Elevated Installation >10' To 15', Add	*6.88*	
		For Elevated Installation >15' To 20', Add	*13.76*	
		For Elevated Installation >20' To 25', Add	*17.21*	
		For Elevated Installation >25' To 30', Add	*24.09*	
		For Elevated Installation >30' To 35', Add	*27.53*	
		For Elevated Installation >35' To 40', Add	*34.41*	
		For Elevated Installation >40', Add	*37.85*	
26 05 33 13-0104	EA	2" Rigid Galvanized Steel (RGS) 12" Large Radius Elbow	118.53	37.85
		For Work In Restricted Working Space, Add	*22.71*	
		For Elevated Installation >10' To 15', Add	*7.57*	
		For Elevated Installation >15' To 20', Add	*15.14*	
		For Elevated Installation >20' To 25', Add	*18.93*	
		For Elevated Installation >25' To 30', Add	*26.50*	
		For Elevated Installation >30' To 35', Add	*30.28*	
		For Elevated Installation >35' To 40', Add	*37.86*	
		For Elevated Installation >40', Add	*41.64*	

26 05 33 13-0105 Rigid Galvanized Steel (RGS) 15" Large Radius Elbow *(26 05 33 13-0060)*

See CSI section 26 05 33 13-2314 for conduit field bending.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0106	EA	1" Rigid Galvanized Steel (RGS) 15" Large Radius Elbow	85.78	26.15
		For Work In Restricted Working Space, Add	*15.69*	
		For Elevated Installation >10' To 15', Add	*5.23*	
		For Elevated Installation >15' To 20', Add	*10.46*	
		For Elevated Installation >20' To 25', Add	*13.08*	
		For Elevated Installation >25' To 30', Add	*18.31*	
		For Elevated Installation >30' To 35', Add	*20.92*	
		For Elevated Installation >35' To 40', Add	*26.16*	
		For Elevated Installation >40', Add	*28.77*	
26 05 33 13-0107	EA	1-1/4" Rigid Galvanized Steel (RGS) 15" Large Radius Elbow	99.77	30.28
		For Work In Restricted Working Space, Add	*18.17*	
		For Elevated Installation >10' To 15', Add	*6.06*	
		For Elevated Installation >15' To 20', Add	*12.11*	
		For Elevated Installation >20' To 25', Add	*15.14*	
		For Elevated Installation >25' To 30', Add	*21.20*	
		For Elevated Installation >30' To 35', Add	*24.23*	
		For Elevated Installation >35' To 40', Add	*30.29*	
		For Elevated Installation >40', Add	*33.31*	
26 05 33 13-0108	EA	1-1/2" Rigid Galvanized Steel (RGS) 15" Large Radius Elbow	109.20	34.41
		For Work In Restricted Working Space, Add	*20.65*	
		For Elevated Installation >10' To 15', Add	*6.88*	
		For Elevated Installation >15' To 20', Add	*13.76*	
		For Elevated Installation >20' To 25', Add	*17.21*	
		For Elevated Installation >25' To 30', Add	*24.09*	
		For Elevated Installation >30' To 35', Add	*27.53*	
		For Elevated Installation >35' To 40', Add	*34.41*	
		For Elevated Installation >40', Add	*37.85*	
26 05 33 13-0109	EA	2" Rigid Galvanized Steel (RGS) 15" Large Radius Elbow	123.04	37.85
		For Work In Restricted Working Space, Add	*22.71*	
		For Elevated Installation >10' To 15', Add	*7.57*	
		For Elevated Installation >15' To 20', Add	*15.14*	
		For Elevated Installation >20' To 25', Add	*18.93*	
		For Elevated Installation >25' To 30', Add	*26.50*	
		For Elevated Installation >30' To 35', Add	*30.28*	
		For Elevated Installation >35' To 40', Add	*37.86*	
		For Elevated Installation >40', Add	*41.64*	
26 05 33 13-0110	EA	2-1/2" Rigid Galvanized Steel (RGS) 15" Large Radius Elbow	163.67	47.49
		For Work In Restricted Working Space, Add	*28.49*	
		For Elevated Installation >10' To 15', Add	*9.50*	
		For Elevated Installation >15' To 20', Add	*19.00*	
		For Elevated Installation >20' To 25', Add	*23.75*	
		For Elevated Installation >25' To 30', Add	*33.24*	
		For Elevated Installation >30' To 35', Add	*37.99*	
		For Elevated Installation >35' To 40', Add	*47.49*	
		For Elevated Installation >40', Add	*52.24*	
26 05 33 13-0111	EA	3" Rigid Galvanized Steel (RGS) 15" Large Radius Elbow	220.24	64.70
		For Work In Restricted Working Space, Add	*38.82*	
		For Elevated Installation >10' To 15', Add	*12.94*	
		For Elevated Installation >15' To 20', Add	*25.88*	
		For Elevated Installation >20' To 25', Add	*32.35*	
		For Elevated Installation >25' To 30', Add	*45.29*	
		For Elevated Installation >30' To 35', Add	*51.76*	
		For Elevated Installation >35' To 40', Add	*64.70*	
		For Elevated Installation >40', Add	*71.16*	

26 05 33 13-0112 Rigid Galvanized Steel (RGS) 18" Large Radius Elbow *(26 05 33 13-0060)*

See CSI section 26 05 33 13-2314 for conduit field bending.

26 05 33 13-0113	EA	1" Rigid Galvanized Steel (RGS) 18" Large Radius Elbow	86.11	26.15
		For Work In Restricted Working Space, Add	*15.69*	
		For Elevated Installation >10' To 15', Add	*5.23*	
		For Elevated Installation >15' To 20', Add	*10.46*	
		For Elevated Installation >20' To 25', Add	*13.08*	
		For Elevated Installation >25' To 30', Add	*18.31*	
		For Elevated Installation >30' To 35', Add	*20.92*	
		For Elevated Installation >35' To 40', Add	*26.16*	
		For Elevated Installation >40', Add	*28.77*	
26 05 33 13-0114	EA	1-1/4" Rigid Galvanized Steel (RGS) 18" Large Radius Elbow	98.89	30.28
		For Work In Restricted Working Space, Add	*18.17*	
		For Elevated Installation >10' To 15', Add	*6.06*	
		For Elevated Installation >15' To 20', Add	*12.11*	
		For Elevated Installation >20' To 25', Add	*15.14*	
		For Elevated Installation >25' To 30', Add	*21.20*	
		For Elevated Installation >30' To 35', Add	*24.23*	
		For Elevated Installation >35' To 40', Add	*30.29*	
		For Elevated Installation >40', Add	*33.31*	
26 05 33 13-0115	EA	1-1/2" Rigid Galvanized Steel (RGS) 18" Large Radius Elbow	113.56	34.41
		For Work In Restricted Working Space, Add	*20.65*	
		For Elevated Installation >10' To 15', Add	*6.88*	
		For Elevated Installation >15' To 20', Add	*13.76*	
		For Elevated Installation >20' To 25', Add	*17.21*	
		For Elevated Installation >25' To 30', Add	*24.09*	
		For Elevated Installation >30' To 35', Add	*27.53*	
		For Elevated Installation >35' To 40', Add	*34.41*	
		For Elevated Installation >40', Add	*37.85*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0116	EA	2" Rigid Galvanized Steel (RGS) 18" Large Radius Elbow	132.80	37.85
		For Work In Restricted Working Space, Add	*22.71*	
		For Elevated Installation >10' To 15', Add	*7.57*	
		For Elevated Installation >15' To 20', Add	*15.14*	
		For Elevated Installation >20' To 25', Add	*18.93*	
		For Elevated Installation >25' To 30', Add	*26.50*	
		For Elevated Installation >30' To 35', Add	*30.28*	
		For Elevated Installation >35' To 40', Add	*37.86*	
		For Elevated Installation >40', Add	*41.64*	
26 05 33 13-0117	EA	2-1/2" Rigid Galvanized Steel (RGS) 18" Large Radius Elbow	172.77	47.49
		For Work In Restricted Working Space, Add	*28.49*	
		For Elevated Installation >10' To 15', Add	*9.50*	
		For Elevated Installation >15' To 20', Add	*19.00*	
		For Elevated Installation >20' To 25', Add	*23.75*	
		For Elevated Installation >25' To 30', Add	*33.24*	
		For Elevated Installation >30' To 35', Add	*37.99*	
		For Elevated Installation >35' To 40', Add	*47.49*	
		For Elevated Installation >40', Add	*52.24*	
26 05 33 13-0118	EA	3" Rigid Galvanized Steel (RGS) 18" Large Radius Elbow	227.57	64.70
		For Work In Restricted Working Space, Add	*38.82*	
		For Elevated Installation >10' To 15', Add	*12.94*	
		For Elevated Installation >15' To 20', Add	*25.88*	
		For Elevated Installation >20' To 25', Add	*32.35*	
		For Elevated Installation >25' To 30', Add	*45.29*	
		For Elevated Installation >30' To 35', Add	*51.76*	
		For Elevated Installation >35' To 40', Add	*64.70*	
		For Elevated Installation >40', Add	*71.16*	
26 05 33 13-0119	EA	3-1/2" Rigid Galvanized Steel (RGS) 18" Large Radius Elbow	284.70	72.95
		For Work In Restricted Working Space, Add	*43.78*	
		For Elevated Installation >10' To 15', Add	*14.59*	
		For Elevated Installation >15' To 20', Add	*29.18*	
		For Elevated Installation >20' To 25', Add	*36.48*	
		For Elevated Installation >25' To 30', Add	*51.07*	
		For Elevated Installation >30' To 35', Add	*58.37*	
		For Elevated Installation >35' To 40', Add	*72.96*	
		For Elevated Installation >40', Add	*80.26*	
26 05 33 13-0120	EA	4" Rigid Galvanized Steel (RGS) 18" Large Radius Elbow	345.03	94.98
		For Work In Restricted Working Space, Add	*56.99*	
		For Elevated Installation >10' To 15', Add	*19.00*	
		For Elevated Installation >15' To 20', Add	*37.99*	
		For Elevated Installation >20' To 25', Add	*47.49*	
		For Elevated Installation >25' To 30', Add	*66.49*	
		For Elevated Installation >30' To 35', Add	*75.98*	
		For Elevated Installation >35' To 40', Add	*94.98*	
		For Elevated Installation >40', Add	*104.48*	

26 05 33 13-0121 Rigid Galvanized Steel (RGS) 24" Large Radius Elbow *(26 05 33 13-0060)*

See CSI section 26 05 33 13-2314 for conduit field bending.

26 05 33 13-0122	EA	1" Rigid Galvanized Steel (RGS) 24" Large Radius Elbow	97.10	26.15
		For Work In Restricted Working Space, Add	*15.69*	
		For Elevated Installation >10' To 15', Add	*5.23*	
		For Elevated Installation >15' To 20', Add	*10.46*	
		For Elevated Installation >20' To 25', Add	*13.08*	
		For Elevated Installation >25' To 30', Add	*18.31*	
		For Elevated Installation >30' To 35', Add	*20.92*	
		For Elevated Installation >35' To 40', Add	*26.16*	
		For Elevated Installation >40', Add	*28.77*	
26 05 33 13-0123	EA	1-1/4" Rigid Galvanized Steel (RGS) 24" Large Radius Elbow	109.68	30.28
		For Work In Restricted Working Space, Add	*18.17*	
		For Elevated Installation >10' To 15', Add	*6.06*	
		For Elevated Installation >15' To 20', Add	*12.11*	
		For Elevated Installation >20' To 25', Add	*15.14*	
		For Elevated Installation >25' To 30', Add	*21.20*	
		For Elevated Installation >30' To 35', Add	*24.23*	
		For Elevated Installation >35' To 40', Add	*30.29*	
		For Elevated Installation >40', Add	*33.31*	
26 05 33 13-0124	EA	1-1/2" Rigid Galvanized Steel (RGS) 24" Large Radius Elbow	121.64	34.41
		For Work In Restricted Working Space, Add	*20.65*	
		For Elevated Installation >10' To 15', Add	*6.88*	
		For Elevated Installation >15' To 20', Add	*13.76*	
		For Elevated Installation >20' To 25', Add	*17.21*	
		For Elevated Installation >25' To 30', Add	*24.09*	
		For Elevated Installation >30' To 35', Add	*27.53*	
		For Elevated Installation >35' To 40', Add	*34.41*	
		For Elevated Installation >40', Add	*37.85*	
26 05 33 13-0125	EA	2" Rigid Galvanized Steel (RGS) 24" Large Radius Elbow	144.71	37.85
		For Work In Restricted Working Space, Add	*22.71*	
		For Elevated Installation >10' To 15', Add	*7.57*	
		For Elevated Installation >15' To 20', Add	*15.14*	
		For Elevated Installation >20' To 25', Add	*18.93*	
		For Elevated Installation >25' To 30', Add	*26.50*	
		For Elevated Installation >30' To 35', Add	*30.28*	
		For Elevated Installation >35' To 40', Add	*37.86*	
		For Elevated Installation >40', Add	*41.64*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0126	EA	2-1/2" Rigid Galvanized Steel (RGS) 24" Large Radius Elbow	189.01	47.49
		For Work In Restricted Working Space, Add	*28.49*	
		For Elevated Installation >10' To 15', Add	*9.50*	
		For Elevated Installation >15' To 20', Add	*19.00*	
		For Elevated Installation >20' To 25', Add	*23.75*	
		For Elevated Installation >25' To 30', Add	*33.24*	
		For Elevated Installation >30' To 35', Add	*37.99*	
		For Elevated Installation >35' To 40', Add	*47.49*	
		For Elevated Installation >40', Add	*52.24*	
26 05 33 13-0127	EA	3" Rigid Galvanized Steel (RGS) 24" Large Radius Elbow	253.03	64.70
		For Work In Restricted Working Space, Add	*38.82*	
		For Elevated Installation >10' To 15', Add	*12.94*	
		For Elevated Installation >15' To 20', Add	*25.88*	
		For Elevated Installation >20' To 25', Add	*32.35*	
		For Elevated Installation >25' To 30', Add	*45.29*	
		For Elevated Installation >30' To 35', Add	*51.76*	
		For Elevated Installation >35' To 40', Add	*64.70*	
		For Elevated Installation >40', Add	*71.16*	
26 05 33 13-0128	EA	3-1/2" Rigid Galvanized Steel (RGS) 24" Large Radius Elbow	309.45	72.95
		For Work In Restricted Working Space, Add	*43.78*	
		For Elevated Installation >10' To 15', Add	*14.59*	
		For Elevated Installation >15' To 20', Add	*29.18*	
		For Elevated Installation >20' To 25', Add	*36.48*	
		For Elevated Installation >25' To 30', Add	*51.07*	
		For Elevated Installation >30' To 35', Add	*58.37*	
		For Elevated Installation >35' To 40', Add	*72.96*	
		For Elevated Installation >40', Add	*80.26*	
26 05 33 13-0129	EA	4" Rigid Galvanized Steel (RGS) 24" Large Radius Elbow	364.76	94.98
		For Work In Restricted Working Space, Add	*56.99*	
		For Elevated Installation >10' To 15', Add	*19.00*	
		For Elevated Installation >15' To 20', Add	*37.99*	
		For Elevated Installation >20' To 25', Add	*47.49*	
		For Elevated Installation >25' To 30', Add	*66.49*	
		For Elevated Installation >30' To 35', Add	*75.98*	
		For Elevated Installation >35' To 40', Add	*94.98*	
		For Elevated Installation >40', Add	*104.48*	

26 05 33 13-0130 Rigid Galvanized Steel (RGS) 30" Large Radius Elbow *(26 05 33 13-0060)*

See CSI section 26 05 33 13-2314 for conduit field bending.

26 05 33 13-0131	EA	1" Rigid Galvanized Steel (RGS) 30" Large Radius Elbow	96.43	26.15
		For Work In Restricted Working Space, Add	*15.69*	
		For Elevated Installation >10' To 15', Add	*5.23*	
		For Elevated Installation >15' To 20', Add	*10.46*	
		For Elevated Installation >20' To 25', Add	*13.08*	
		For Elevated Installation >25' To 30', Add	*18.31*	
		For Elevated Installation >30' To 35', Add	*20.92*	
		For Elevated Installation >35' To 40', Add	*26.16*	
		For Elevated Installation >40', Add	*28.77*	
26 05 33 13-0132	EA	1-1/4" Rigid Galvanized Steel (RGS) 30" Large Radius Elbow	117.69	30.28
		For Work In Restricted Working Space, Add	*18.17*	
		For Elevated Installation >10' To 15', Add	*6.06*	
		For Elevated Installation >15' To 20', Add	*12.11*	
		For Elevated Installation >20' To 25', Add	*15.14*	
		For Elevated Installation >25' To 30', Add	*21.20*	
		For Elevated Installation >30' To 35', Add	*24.23*	
		For Elevated Installation >35' To 40', Add	*30.29*	
		For Elevated Installation >40', Add	*33.31*	
26 05 33 13-0133	EA	1-1/2" Rigid Galvanized Steel (RGS) 30" Large Radius Elbow	130.32	34.41
		For Work In Restricted Working Space, Add	*20.65*	
		For Elevated Installation >10' To 15', Add	*6.88*	
		For Elevated Installation >15' To 20', Add	*13.76*	
		For Elevated Installation >20' To 25', Add	*17.21*	
		For Elevated Installation >25' To 30', Add	*24.09*	
		For Elevated Installation >30' To 35', Add	*27.53*	
		For Elevated Installation >35' To 40', Add	*34.41*	
		For Elevated Installation >40', Add	*37.85*	
26 05 33 13-0134	EA	2" Rigid Galvanized Steel (RGS) 30" Large Radius Elbow	156.05	37.85
		For Work In Restricted Working Space, Add	*22.71*	
		For Elevated Installation >10' To 15', Add	*7.57*	
		For Elevated Installation >15' To 20', Add	*15.14*	
		For Elevated Installation >20' To 25', Add	*18.93*	
		For Elevated Installation >25' To 30', Add	*26.50*	
		For Elevated Installation >30' To 35', Add	*30.28*	
		For Elevated Installation >35' To 40', Add	*37.86*	
		For Elevated Installation >40', Add	*41.64*	
26 05 33 13-0135	EA	2-1/2" Rigid Galvanized Steel (RGS) 30" Large Radius Elbow	204.58	47.49
		For Work In Restricted Working Space, Add	*28.49*	
		For Elevated Installation >10' To 15', Add	*9.50*	
		For Elevated Installation >15' To 20', Add	*19.00*	
		For Elevated Installation >20' To 25', Add	*23.75*	
		For Elevated Installation >25' To 30', Add	*33.24*	
		For Elevated Installation >30' To 35', Add	*37.99*	
		For Elevated Installation >35' To 40', Add	*47.49*	
		For Elevated Installation >40', Add	*52.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0136	EA	3" Rigid Galvanized Steel (RGS) 30" Large Radius Elbow	273.13	64.70
		For Work In Restricted Working Space, Add	*38.82*	
		For Elevated Installation >10' To 15', Add	*12.94*	
		For Elevated Installation >15' To 20', Add	*25.88*	
		For Elevated Installation >20' To 25', Add	*32.35*	
		For Elevated Installation >25' To 30', Add	*45.29*	
		For Elevated Installation >30' To 35', Add	*51.76*	
		For Elevated Installation >35' To 40', Add	*64.70*	
		For Elevated Installation >40', Add	*71.16*	
26 05 33 13-0137	EA	3-1/2" Rigid Galvanized Steel (RGS) 30" Large Radius Elbow	333.91	72.95
		For Work In Restricted Working Space, Add	*43.78*	
		For Elevated Installation >10' To 15', Add	*14.59*	
		For Elevated Installation >15' To 20', Add	*29.18*	
		For Elevated Installation >20' To 25', Add	*36.48*	
		For Elevated Installation >25' To 30', Add	*51.07*	
		For Elevated Installation >30' To 35', Add	*58.37*	
		For Elevated Installation >35' To 40', Add	*72.96*	
		For Elevated Installation >40', Add	*80.26*	
26 05 33 13-0138	EA	4" Rigid Galvanized Steel (RGS) 30" Large Radius Elbow	400.97	94.98
		For Work In Restricted Working Space, Add	*56.99*	
		For Elevated Installation >10' To 15', Add	*19.00*	
		For Elevated Installation >15' To 20', Add	*37.99*	
		For Elevated Installation >20' To 25', Add	*47.49*	
		For Elevated Installation >25' To 30', Add	*66.49*	
		For Elevated Installation >30' To 35', Add	*75.98*	
		For Elevated Installation >35' To 40', Add	*94.98*	
		For Elevated Installation >40', Add	*104.48*	
26 05 33 13-0139	EA	5" Rigid Galvanized Steel (RGS) 30" Large Radius Elbow	580.75	154.86
		For Work In Restricted Working Space, Add	*92.92*	
		For Elevated Installation >10' To 15', Add	*30.97*	
		For Elevated Installation >15' To 20', Add	*61.94*	
		For Elevated Installation >20' To 25', Add	*77.43*	
		For Elevated Installation >25' To 30', Add	*108.40*	
		For Elevated Installation >30' To 35', Add	*123.89*	
		For Elevated Installation >35' To 40', Add	*154.86*	
		For Elevated Installation >40', Add	*170.35*	

26 05 33 13-0140 Rigid Galvanized Steel (RGS) 36" Large Radius Elbow *(26 05 33 13-0060)*

See CSI section 26 05 33 13-2314 for conduit field bending.

26 05 33 13-0141	EA	1" Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	102.30	26.15
		For Work In Restricted Working Space, Add	*15.69*	
		For Elevated Installation >10' To 15', Add	*5.23*	
		For Elevated Installation >15' To 20', Add	*10.46*	
		For Elevated Installation >20' To 25', Add	*13.08*	
		For Elevated Installation >25' To 30', Add	*18.31*	
		For Elevated Installation >30' To 35', Add	*20.92*	
		For Elevated Installation >35' To 40', Add	*26.16*	
		For Elevated Installation >40', Add	*28.77*	
26 05 33 13-0142	EA	1-1/4" Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	121.64	30.28
		For Work In Restricted Working Space, Add	*18.17*	
		For Elevated Installation >10' To 15', Add	*6.06*	
		For Elevated Installation >15' To 20', Add	*12.11*	
		For Elevated Installation >20' To 25', Add	*15.14*	
		For Elevated Installation >25' To 30', Add	*21.20*	
		For Elevated Installation >30' To 35', Add	*24.23*	
		For Elevated Installation >35' To 40', Add	*30.29*	
		For Elevated Installation >40', Add	*33.31*	
26 05 33 13-0143	EA	1-1/2" Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	145.53	34.41
		For Work In Restricted Working Space, Add	*20.65*	
		For Elevated Installation >10' To 15', Add	*6.88*	
		For Elevated Installation >15' To 20', Add	*13.76*	
		For Elevated Installation >20' To 25', Add	*17.21*	
		For Elevated Installation >25' To 30', Add	*24.09*	
		For Elevated Installation >30' To 35', Add	*27.53*	
		For Elevated Installation >35' To 40', Add	*34.41*	
		For Elevated Installation >40', Add	*37.85*	
26 05 33 13-0144	EA	2" Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	164.91	37.85
		For Work In Restricted Working Space, Add	*22.71*	
		For Elevated Installation >10' To 15', Add	*7.57*	
		For Elevated Installation >15' To 20', Add	*15.14*	
		For Elevated Installation >20' To 25', Add	*18.93*	
		For Elevated Installation >25' To 30', Add	*26.50*	
		For Elevated Installation >30' To 35', Add	*30.28*	
		For Elevated Installation >35' To 40', Add	*37.86*	
		For Elevated Installation >40', Add	*41.64*	
26 05 33 13-0145	EA	2-1/2" Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	223.06	47.49
		For Work In Restricted Working Space, Add	*28.49*	
		For Elevated Installation >10' To 15', Add	*9.50*	
		For Elevated Installation >15' To 20', Add	*19.00*	
		For Elevated Installation >20' To 25', Add	*23.75*	
		For Elevated Installation >25' To 30', Add	*33.24*	
		For Elevated Installation >30' To 35', Add	*37.99*	
		For Elevated Installation >35' To 40', Add	*47.49*	
		For Elevated Installation >40', Add	*52.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0146	EA	3" Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	290.32	64.70
		For Work In Restricted Working Space, Add	*38.82*	
		For Elevated Installation >10' To 15', Add	*12.94*	
		For Elevated Installation >15' To 20', Add	*25.88*	
		For Elevated Installation >20' To 25', Add	*32.35*	
		For Elevated Installation >25' To 30', Add	*45.29*	
		For Elevated Installation >30' To 35', Add	*51.76*	
		For Elevated Installation >35' To 40', Add	*64.70*	
		For Elevated Installation >40', Add	*71.16*	
26 05 33 13-0147	EA	3-1/2" Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	365.51	72.95
		For Work In Restricted Working Space, Add	*43.78*	
		For Elevated Installation >10' To 15', Add	*14.59*	
		For Elevated Installation >15' To 20', Add	*29.18*	
		For Elevated Installation >20' To 25', Add	*36.48*	
		For Elevated Installation >25' To 30', Add	*51.07*	
		For Elevated Installation >30' To 35', Add	*58.37*	
		For Elevated Installation >35' To 40', Add	*72.96*	
		For Elevated Installation >40', Add	*80.26*	
26 05 33 13-0148	EA	4" Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	418.01	94.98
		For Work In Restricted Working Space, Add	*56.99*	
		For Elevated Installation >10' To 15', Add	*19.00*	
		For Elevated Installation >15' To 20', Add	*37.99*	
		For Elevated Installation >20' To 25', Add	*47.49*	
		For Elevated Installation >25' To 30', Add	*66.49*	
		For Elevated Installation >30' To 35', Add	*75.98*	
		For Elevated Installation >35' To 40', Add	*94.98*	
		For Elevated Installation >40', Add	*104.48*	
26 05 33 13-0149	EA	5" Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	719.74	154.86
		For Work In Restricted Working Space, Add	*92.92*	
		For Elevated Installation >10' To 15', Add	*30.97*	
		For Elevated Installation >15' To 20', Add	*61.94*	
		For Elevated Installation >20' To 25', Add	*77.43*	
		For Elevated Installation >25' To 30', Add	*108.40*	
		For Elevated Installation >30' To 35', Add	*123.89*	
		For Elevated Installation >35' To 40', Add	*154.86*	
		For Elevated Installation >40', Add	*170.35*	
26 05 33 13-0150	EA	6" Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	915.74	232.64
		For Work In Restricted Working Space, Add	*139.58*	
		For Elevated Installation >10' To 15', Add	*46.53*	
		For Elevated Installation >15' To 20', Add	*93.06*	
		For Elevated Installation >20' To 25', Add	*116.32*	
		For Elevated Installation >25' To 30', Add	*162.85*	
		For Elevated Installation >30' To 35', Add	*186.11*	
		For Elevated Installation >35' To 40', Add	*232.64*	
		For Elevated Installation >40', Add	*255.90*	

26 05 33 13-0151 Rigid Galvanized Steel (RGS) 42" Large Radius Elbow *(26 05 33 13-0060)*

See CSI section 26 05 33 13-2314 for conduit field bending.

26 05 33 13-0152	EA	1" Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	110.90	26.15
		For Work In Restricted Working Space, Add	*15.69*	
		For Elevated Installation >10' To 15', Add	*5.23*	
		For Elevated Installation >15' To 20', Add	*10.46*	
		For Elevated Installation >20' To 25', Add	*13.08*	
		For Elevated Installation >25' To 30', Add	*18.31*	
		For Elevated Installation >30' To 35', Add	*20.92*	
		For Elevated Installation >35' To 40', Add	*26.16*	
		For Elevated Installation >40', Add	*28.77*	
26 05 33 13-0153	EA	1-1/4" Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	132.14	30.28
		For Work In Restricted Working Space, Add	*18.17*	
		For Elevated Installation >10' To 15', Add	*6.06*	
		For Elevated Installation >15' To 20', Add	*12.11*	
		For Elevated Installation >20' To 25', Add	*15.14*	
		For Elevated Installation >25' To 30', Add	*21.20*	
		For Elevated Installation >30' To 35', Add	*24.23*	
		For Elevated Installation >35' To 40', Add	*30.29*	
		For Elevated Installation >40', Add	*33.31*	
26 05 33 13-0154	EA	1-1/2" Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	156.70	34.41
		For Work In Restricted Working Space, Add	*20.65*	
		For Elevated Installation >10' To 15', Add	*6.88*	
		For Elevated Installation >15' To 20', Add	*13.77*	
		For Elevated Installation >20' To 25', Add	*17.21*	
		For Elevated Installation >25' To 30', Add	*24.09*	
		For Elevated Installation >30' To 35', Add	*27.53*	
		For Elevated Installation >35' To 40', Add	*34.42*	
		For Elevated Installation >40', Add	*37.86*	
26 05 33 13-0155	EA	2" Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	176.58	37.85
		For Work In Restricted Working Space, Add	*22.71*	
		For Elevated Installation >10' To 15', Add	*7.57*	
		For Elevated Installation >15' To 20', Add	*15.14*	
		For Elevated Installation >20' To 25', Add	*18.93*	
		For Elevated Installation >25' To 30', Add	*26.50*	
		For Elevated Installation >30' To 35', Add	*30.28*	
		For Elevated Installation >35' To 40', Add	*37.86*	
		For Elevated Installation >40', Add	*41.64*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0156	EA	2-1/2" Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	237.18	47.49
		For Work In Restricted Working Space, Add	*28.49*	
		For Elevated Installation >10' To 15', Add	*9.50*	
		For Elevated Installation >15' To 20', Add	*19.00*	
		For Elevated Installation >20' To 25', Add	*23.75*	
		For Elevated Installation >25' To 30', Add	*33.24*	
		For Elevated Installation >30' To 35', Add	*37.99*	
		For Elevated Installation >35' To 40', Add	*47.49*	
		For Elevated Installation >40', Add	*52.24*	
26 05 33 13-0157	EA	3" Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	315.51	64.70
		For Work In Restricted Working Space, Add	*38.82*	
		For Elevated Installation >10' To 15', Add	*12.94*	
		For Elevated Installation >15' To 20', Add	*25.88*	
		For Elevated Installation >20' To 25', Add	*32.35*	
		For Elevated Installation >25' To 30', Add	*45.29*	
		For Elevated Installation >30' To 35', Add	*51.76*	
		For Elevated Installation >35' To 40', Add	*64.70*	
		For Elevated Installation >40', Add	*71.16*	
26 05 33 13-0158	EA	3-1/2" Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	390.77	72.95
		For Work In Restricted Working Space, Add	*43.78*	
		For Elevated Installation >10' To 15', Add	*14.59*	
		For Elevated Installation >15' To 20', Add	*29.18*	
		For Elevated Installation >20' To 25', Add	*36.48*	
		For Elevated Installation >25' To 30', Add	*51.07*	
		For Elevated Installation >30' To 35', Add	*58.37*	
		For Elevated Installation >35' To 40', Add	*72.96*	
		For Elevated Installation >40', Add	*80.26*	
26 05 33 13-0159	EA	4" Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	490.69	94.98
		For Work In Restricted Working Space, Add	*56.99*	
		For Elevated Installation >10' To 15', Add	*19.00*	
		For Elevated Installation >15' To 20', Add	*37.99*	
		For Elevated Installation >20' To 25', Add	*47.49*	
		For Elevated Installation >25' To 30', Add	*66.49*	
		For Elevated Installation >30' To 35', Add	*75.98*	
		For Elevated Installation >35' To 40', Add	*94.98*	
		For Elevated Installation >40', Add	*104.48*	
26 05 33 13-0160	EA	5" Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	820.01	154.86
		For Work In Restricted Working Space, Add	*92.92*	
		For Elevated Installation >10' To 15', Add	*30.97*	
		For Elevated Installation >15' To 20', Add	*61.94*	
		For Elevated Installation >20' To 25', Add	*77.43*	
		For Elevated Installation >25' To 30', Add	*108.40*	
		For Elevated Installation >30' To 35', Add	*123.89*	
		For Elevated Installation >35' To 40', Add	*154.86*	
		For Elevated Installation >40', Add	*170.35*	
26 05 33 13-0161	EA	6" Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	1,002.56	232.64
		For Work In Restricted Working Space, Add	*139.58*	
		For Elevated Installation >10' To 15', Add	*46.53*	
		For Elevated Installation >15' To 20', Add	*93.06*	
		For Elevated Installation >20' To 25', Add	*116.32*	
		For Elevated Installation >25' To 30', Add	*162.85*	
		For Elevated Installation >30' To 35', Add	*186.11*	
		For Elevated Installation >35' To 40', Add	*232.64*	
		For Elevated Installation >40', Add	*255.90*	

26 05 33 13-0162 Rigid Galvanized Steel (RGS) 48" Large Radius Elbow *(26 05 33 13-0060)*

See CSI section 26 05 33 13-2314 for conduit field bending.

26 05 33 13-0163	EA	1" Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	118.06	26.15
		For Work In Restricted Working Space, Add	*15.69*	
		For Elevated Installation >10' To 15', Add	*5.23*	
		For Elevated Installation >15' To 20', Add	*10.46*	
		For Elevated Installation >20' To 25', Add	*13.08*	
		For Elevated Installation >25' To 30', Add	*18.31*	
		For Elevated Installation >30' To 35', Add	*20.92*	
		For Elevated Installation >35' To 40', Add	*26.16*	
		For Elevated Installation >40', Add	*28.77*	
26 05 33 13-0164	EA	1-1/4" Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	140.23	30.28
		For Work In Restricted Working Space, Add	*18.17*	
		For Elevated Installation >10' To 15', Add	*6.06*	
		For Elevated Installation >15' To 20', Add	*12.11*	
		For Elevated Installation >20' To 25', Add	*15.14*	
		For Elevated Installation >25' To 30', Add	*21.20*	
		For Elevated Installation >30' To 35', Add	*24.23*	
		For Elevated Installation >35' To 40', Add	*30.29*	
		For Elevated Installation >40', Add	*33.31*	
26 05 33 13-0165	EA	1-1/2" Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	163.76	34.41
		For Work In Restricted Working Space, Add	*20.65*	
		For Elevated Installation >10' To 15', Add	*6.88*	
		For Elevated Installation >15' To 20', Add	*13.77*	
		For Elevated Installation >20' To 25', Add	*17.21*	
		For Elevated Installation >25' To 30', Add	*24.09*	
		For Elevated Installation >30' To 35', Add	*27.53*	
		For Elevated Installation >35' To 40', Add	*34.42*	
		For Elevated Installation >40', Add	*37.86*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0166	EA	2" Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	198.39	37.85
		For Work In Restricted Working Space, Add	*22.71*	
		For Elevated Installation >10' To 15', Add	*7.57*	
		For Elevated Installation >15' To 20', Add	*15.14*	
		For Elevated Installation >20' To 25', Add	*18.93*	
		For Elevated Installation >25' To 30', Add	*26.50*	
		For Elevated Installation >30' To 35', Add	*30.28*	
		For Elevated Installation >35' To 40', Add	*37.86*	
		For Elevated Installation >40', Add	*41.64*	
26 05 33 13-0167	EA	2-1/2" Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	263.24	47.49
		For Work In Restricted Working Space, Add	*28.49*	
		For Elevated Installation >10' To 15', Add	*9.50*	
		For Elevated Installation >15' To 20', Add	*19.00*	
		For Elevated Installation >20' To 25', Add	*23.75*	
		For Elevated Installation >25' To 30', Add	*33.24*	
		For Elevated Installation >30' To 35', Add	*37.99*	
		For Elevated Installation >35' To 40', Add	*47.49*	
		For Elevated Installation >40', Add	*52.24*	
26 05 33 13-0168	EA	3" Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	340.89	64.70
		For Work In Restricted Working Space, Add	*38.82*	
		For Elevated Installation >10' To 15', Add	*12.94*	
		For Elevated Installation >15' To 20', Add	*25.88*	
		For Elevated Installation >20' To 25', Add	*32.35*	
		For Elevated Installation >25' To 30', Add	*45.29*	
		For Elevated Installation >30' To 35', Add	*51.76*	
		For Elevated Installation >35' To 40', Add	*64.70*	
		For Elevated Installation >40', Add	*71.16*	
26 05 33 13-0169	EA	3-1/2" Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	422.53	72.95
		For Work In Restricted Working Space, Add	*43.78*	
		For Elevated Installation >10' To 15', Add	*14.59*	
		For Elevated Installation >15' To 20', Add	*29.18*	
		For Elevated Installation >20' To 25', Add	*36.48*	
		For Elevated Installation >25' To 30', Add	*51.07*	
		For Elevated Installation >30' To 35', Add	*58.37*	
		For Elevated Installation >35' To 40', Add	*72.96*	
		For Elevated Installation >40', Add	*80.26*	
26 05 33 13-0170	EA	4" Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	529.27	94.98
		For Work In Restricted Working Space, Add	*56.99*	
		For Elevated Installation >10' To 15', Add	*19.00*	
		For Elevated Installation >15' To 20', Add	*37.99*	
		For Elevated Installation >20' To 25', Add	*47.49*	
		For Elevated Installation >25' To 30', Add	*66.49*	
		For Elevated Installation >30' To 35', Add	*75.98*	
		For Elevated Installation >35' To 40', Add	*94.98*	
		For Elevated Installation >40', Add	*104.48*	
26 05 33 13-0171	EA	5" Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	851.41	154.86
		For Work In Restricted Working Space, Add	*92.92*	
		For Elevated Installation >10' To 15', Add	*30.97*	
		For Elevated Installation >15' To 20', Add	*61.94*	
		For Elevated Installation >20' To 25', Add	*77.43*	
		For Elevated Installation >25' To 30', Add	*108.40*	
		For Elevated Installation >30' To 35', Add	*123.89*	
		For Elevated Installation >35' To 40', Add	*154.86*	
		For Elevated Installation >40', Add	*170.35*	
26 05 33 13-0172	EA	6" Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	1,020.13	232.64
		For Work In Restricted Working Space, Add	*139.58*	
		For Elevated Installation >10' To 15', Add	*46.53*	
		For Elevated Installation >15' To 20', Add	*93.06*	
		For Elevated Installation >20' To 25', Add	*116.32*	
		For Elevated Installation >25' To 30', Add	*162.85*	
		For Elevated Installation >30' To 35', Add	*186.11*	
		For Elevated Installation >35' To 40', Add	*232.64*	
		For Elevated Installation >40', Add	*255.90*	

26 05 33 13-0173 Rigid Galvanized Steel (RGS) Plastic Insulating Bushing *(26 05 33 13-0060)*

26 05 33 13-0174	EA	1/2" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing	13.89	6.75
		For Work In Restricted Working Space, Add	*4.05*	
		For Elevated Installation >10' To 15', Add	*1.35*	
		For Elevated Installation >15' To 20', Add	*2.70*	
		For Elevated Installation >20' To 25', Add	*3.38*	
		For Elevated Installation >25' To 30', Add	*4.73*	
		For Elevated Installation >30' To 35', Add	*5.40*	
		For Elevated Installation >35' To 40', Add	*6.75*	
		For Elevated Installation >40', Add	*7.43*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.05*	
26 05 33 13-0175	EA	3/4" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing	14.91	7.20
		For Work In Restricted Working Space, Add	*4.32*	
		For Elevated Installation >10' To 15', Add	*1.44*	
		For Elevated Installation >15' To 20', Add	*2.88*	
		For Elevated Installation >20' To 25', Add	*3.60*	
		For Elevated Installation >25' To 30', Add	*5.04*	
		For Elevated Installation >30' To 35', Add	*5.76*	
		For Elevated Installation >35' To 40', Add	*7.20*	
		For Elevated Installation >40', Add	*7.92*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.32*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0176	EA	1" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing	16.98	8.10
		For Work In Restricted Working Space, Add	*4.86*	
		For Elevated Installation >10' To 15', Add	*1.62*	
		For Elevated Installation >15' To 20', Add	*3.24*	
		For Elevated Installation >20' To 25', Add	*4.05*	
		For Elevated Installation >25' To 30', Add	*5.67*	
		For Elevated Installation >30' To 35', Add	*6.48*	
		For Elevated Installation >35' To 40', Add	*8.10*	
		For Elevated Installation >40', Add	*8.91*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.86*	
26 05 33 13-0177	EA	1-1/4" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing	19.12	9.00
		For Work In Restricted Working Space, Add	*5.40*	
		For Elevated Installation >10' To 15', Add	*1.80*	
		For Elevated Installation >15' To 20', Add	*3.60*	
		For Elevated Installation >20' To 25', Add	*4.50*	
		For Elevated Installation >25' To 30', Add	*6.30*	
		For Elevated Installation >30' To 35', Add	*7.20*	
		For Elevated Installation >35' To 40', Add	*9.00*	
		For Elevated Installation >40', Add	*9.90*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.40*	
26 05 33 13-0178	EA	1-1/2" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing	24.04	11.25
		For Work In Restricted Working Space, Add	*6.75*	
		For Elevated Installation >10' To 15', Add	*2.25*	
		For Elevated Installation >15' To 20', Add	*4.50*	
		For Elevated Installation >20' To 25', Add	*5.63*	
		For Elevated Installation >25' To 30', Add	*7.88*	
		For Elevated Installation >30' To 35', Add	*9.00*	
		For Elevated Installation >35' To 40', Add	*11.25*	
		For Elevated Installation >40', Add	*12.38*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.75*	
26 05 33 13-0179	EA	2" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing	29.85	13.50
		For Work In Restricted Working Space, Add	*8.10*	
		For Elevated Installation >10' To 15', Add	*2.70*	
		For Elevated Installation >15' To 20', Add	*5.40*	
		For Elevated Installation >20' To 25', Add	*6.75*	
		For Elevated Installation >25' To 30', Add	*9.45*	
		For Elevated Installation >30' To 35', Add	*10.80*	
		For Elevated Installation >35' To 40', Add	*13.50*	
		For Elevated Installation >40', Add	*14.85*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.10*	
26 05 33 13-0180	EA	2-1/2" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing	37.80	15.75
		For Work In Restricted Working Space, Add	*9.45*	
		For Elevated Installation >10' To 15', Add	*3.15*	
		For Elevated Installation >15' To 20', Add	*6.30*	
		For Elevated Installation >20' To 25', Add	*7.88*	
		For Elevated Installation >25' To 30', Add	*11.03*	
		For Elevated Installation >30' To 35', Add	*12.60*	
		For Elevated Installation >35' To 40', Add	*15.75*	
		For Elevated Installation >40', Add	*17.33*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.45*	
26 05 33 13-0181	EA	3" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing	42.65	18.00
		For Work In Restricted Working Space, Add	*10.80*	
		For Elevated Installation >10' To 15', Add	*3.60*	
		For Elevated Installation >15' To 20', Add	*7.20*	
		For Elevated Installation >20' To 25', Add	*9.00*	
		For Elevated Installation >25' To 30', Add	*12.60*	
		For Elevated Installation >30' To 35', Add	*14.40*	
		For Elevated Installation >35' To 40', Add	*18.01*	
		For Elevated Installation >40', Add	*19.81*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.80*	
26 05 33 13-0182	EA	3-1/2" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing	49.72	16.94
		For Work In Restricted Working Space, Add	*12.15*	
		For Elevated Installation >10' To 15', Add	*4.05*	
		For Elevated Installation >15' To 20', Add	*8.10*	
		For Elevated Installation >20' To 25', Add	*10.13*	
		For Elevated Installation >25' To 30', Add	*14.18*	
		For Elevated Installation >30' To 35', Add	*16.20*	
		For Elevated Installation >35' To 40', Add	*20.25*	
		For Elevated Installation >40', Add	*22.28*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.15*	
26 05 33 13-0183	EA	4" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing	55.16	22.50
		For Work In Restricted Working Space, Add	*13.50*	
		For Elevated Installation >10' To 15', Add	*4.50*	
		For Elevated Installation >15' To 20', Add	*9.00*	
		For Elevated Installation >20' To 25', Add	*11.25*	
		For Elevated Installation >25' To 30', Add	*15.75*	
		For Elevated Installation >30' To 35', Add	*18.00*	
		For Elevated Installation >35' To 40', Add	*22.50*	
		For Elevated Installation >40', Add	*24.75*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0184	EA	5" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing	66.82	24.76
		For Work In Restricted Working Space, Add	*14.85*	
		For Elevated Installation >10' To 15', Add	*4.95*	
		For Elevated Installation >15' To 20', Add	*9.90*	
		For Elevated Installation >20' To 25', Add	*12.38*	
		For Elevated Installation >25' To 30', Add	*17.33*	
		For Elevated Installation >30' To 35', Add	*19.80*	
		For Elevated Installation >35' To 40', Add	*24.75*	
		For Elevated Installation >40', Add	*27.23*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.85*	
26 05 33 13-0185	EA	6" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing	97.87	27.00
		For Work In Restricted Working Space, Add	*16.20*	
		For Elevated Installation >10' To 15', Add	*5.40*	
		For Elevated Installation >15' To 20', Add	*10.80*	
		For Elevated Installation >20' To 25', Add	*13.50*	
		For Elevated Installation >25' To 30', Add	*18.90*	
		For Elevated Installation >30' To 35', Add	*21.60*	
		For Elevated Installation >35' To 40', Add	*27.00*	
		For Elevated Installation >40', Add	*29.70*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.20*	

26 05 33 13-0186 Rigid Galvanized Steel (RGS) Steel Bushing *(26 05 33 13-0060)*

26 05 33 13-0187	EA	1/2" Rigid Galvanized Steel (RGS) Steel Bushing	16.84	7.94
		For Work In Restricted Working Space, Add	*4.76*	
		For Elevated Installation >10' To 15', Add	*1.59*	
		For Elevated Installation >15' To 20', Add	*3.18*	
		For Elevated Installation >20' To 25', Add	*3.97*	
		For Elevated Installation >25' To 30', Add	*5.56*	
		For Elevated Installation >30' To 35', Add	*6.35*	
		For Elevated Installation >35' To 40', Add	*7.94*	
		For Elevated Installation >40', Add	*8.73*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.76*	
26 05 33 13-0188	EA	3/4" Rigid Galvanized Steel (RGS) Steel Bushing	18.35	8.47
		For Work In Restricted Working Space, Add	*5.08*	
		For Elevated Installation >10' To 15', Add	*1.69*	
		For Elevated Installation >15' To 20', Add	*3.39*	
		For Elevated Installation >20' To 25', Add	*4.24*	
		For Elevated Installation >25' To 30', Add	*5.93*	
		For Elevated Installation >30' To 35', Add	*6.78*	
		For Elevated Installation >35' To 40', Add	*8.47*	
		For Elevated Installation >40', Add	*9.32*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.08*	
26 05 33 13-0189	EA	1" Rigid Galvanized Steel (RGS) Steel Bushing	21.50	9.53
		For Work In Restricted Working Space, Add	*5.72*	
		For Elevated Installation >10' To 15', Add	*1.91*	
		For Elevated Installation >15' To 20', Add	*3.81*	
		For Elevated Installation >20' To 25', Add	*4.77*	
		For Elevated Installation >25' To 30', Add	*6.67*	
		For Elevated Installation >30' To 35', Add	*7.62*	
		For Elevated Installation >35' To 40', Add	*9.53*	
		For Elevated Installation >40', Add	*10.48*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.72*	
26 05 33 13-0190	EA	1-1/4" Rigid Galvanized Steel (RGS) Steel Bushing	24.20	10.59
		For Work In Restricted Working Space, Add	*6.35*	
		For Elevated Installation >10' To 15', Add	*2.12*	
		For Elevated Installation >15' To 20', Add	*4.24*	
		For Elevated Installation >20' To 25', Add	*5.30*	
		For Elevated Installation >25' To 30', Add	*7.41*	
		For Elevated Installation >30' To 35', Add	*8.47*	
		For Elevated Installation >35' To 40', Add	*10.59*	
		For Elevated Installation >40', Add	*11.65*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.35*	
26 05 33 13-0191	EA	1-1/2" Rigid Galvanized Steel (RGS) Steel Bushing	30.93	13.24
		For Work In Restricted Working Space, Add	*7.94*	
		For Elevated Installation >10' To 15', Add	*2.65*	
		For Elevated Installation >15' To 20', Add	*5.29*	
		For Elevated Installation >20' To 25', Add	*6.62*	
		For Elevated Installation >25' To 30', Add	*9.26*	
		For Elevated Installation >30' To 35', Add	*10.59*	
		For Elevated Installation >35' To 40', Add	*13.24*	
		For Elevated Installation >40', Add	*14.56*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.94*	
26 05 33 13-0192	EA	2" Rigid Galvanized Steel (RGS) Steel Bushing	36.56	15.88
		For Work In Restricted Working Space, Add	*9.53*	
		For Elevated Installation >10' To 15', Add	*3.18*	
		For Elevated Installation >15' To 20', Add	*6.35*	
		For Elevated Installation >20' To 25', Add	*7.94*	
		For Elevated Installation >25' To 30', Add	*11.12*	
		For Elevated Installation >30' To 35', Add	*12.70*	
		For Elevated Installation >35' To 40', Add	*15.88*	
		For Elevated Installation >40', Add	*17.47*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.53*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0193	EA	2-1/2" Rigid Galvanized Steel (RGS) Steel Bushing	52.14	18.53
		For Work In Restricted Working Space, Add	*11.12*	
		For Elevated Installation >10' To 15', Add	*3.71*	
		For Elevated Installation >15' To 20', Add	*7.41*	
		For Elevated Installation >20' To 25', Add	*9.27*	
		For Elevated Installation >25' To 30', Add	*12.97*	
		For Elevated Installation >30' To 35', Add	*14.82*	
		For Elevated Installation >35' To 40', Add	*18.53*	
		For Elevated Installation >40', Add	*20.38*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.12*	
26 05 33 13-0194	EA	3" Rigid Galvanized Steel (RGS) Steel Bushing	62.14	21.18
		For Work In Restricted Working Space, Add	*12.71*	
		For Elevated Installation >10' To 15', Add	*4.24*	
		For Elevated Installation >15' To 20', Add	*8.47*	
		For Elevated Installation >20' To 25', Add	*10.59*	
		For Elevated Installation >25' To 30', Add	*14.82*	
		For Elevated Installation >30' To 35', Add	*16.94*	
		For Elevated Installation >35' To 40', Add	*21.18*	
		For Elevated Installation >40', Add	*23.29*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.71*	
26 05 33 13-0195	EA	3-1/2" Rigid Galvanized Steel (RGS) Steel Bushing	93.86	23.82
		For Work In Restricted Working Space, Add	*14.30*	
		For Elevated Installation >10' To 15', Add	*4.77*	
		For Elevated Installation >15' To 20', Add	*9.53*	
		For Elevated Installation >20' To 25', Add	*11.91*	
		For Elevated Installation >25' To 30', Add	*16.68*	
		For Elevated Installation >30' To 35', Add	*19.06*	
		For Elevated Installation >35' To 40', Add	*23.83*	
		For Elevated Installation >40', Add	*26.21*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.30*	
26 05 33 13-0196	EA	4" Rigid Galvanized Steel (RGS) Steel Bushing	127.89	26.47
		For Work In Restricted Working Space, Add	*15.88*	
		For Elevated Installation >10' To 15', Add	*5.29*	
		For Elevated Installation >15' To 20', Add	*10.59*	
		For Elevated Installation >20' To 25', Add	*13.24*	
		For Elevated Installation >25' To 30', Add	*18.53*	
		For Elevated Installation >30' To 35', Add	*21.18*	
		For Elevated Installation >35' To 40', Add	*26.47*	
		For Elevated Installation >40', Add	*29.12*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.88*	
26 05 33 13-0197	EA	5" Rigid Galvanized Steel (RGS) Steel Bushing	171.91	29.12
		For Work In Restricted Working Space, Add	*17.47*	
		For Elevated Installation >10' To 15', Add	*5.82*	
		For Elevated Installation >15' To 20', Add	*11.65*	
		For Elevated Installation >20' To 25', Add	*14.56*	
		For Elevated Installation >25' To 30', Add	*20.38*	
		For Elevated Installation >30' To 35', Add	*23.29*	
		For Elevated Installation >35' To 40', Add	*29.12*	
		For Elevated Installation >40', Add	*32.03*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.47*	
26 05 33 13-0198	EA	6" Rigid Galvanized Steel (RGS) Steel Bushing	255.39	31.76
		For Work In Restricted Working Space, Add	*19.06*	
		For Elevated Installation >10' To 15', Add	*6.35*	
		For Elevated Installation >15' To 20', Add	*12.71*	
		For Elevated Installation >20' To 25', Add	*15.88*	
		For Elevated Installation >25' To 30', Add	*22.24*	
		For Elevated Installation >30' To 35', Add	*25.41*	
		For Elevated Installation >35' To 40', Add	*31.77*	
		For Elevated Installation >40', Add	*34.94*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.06*	

26 05 33 13-0199 Rigid Galvanized Steel (RGS) Steel Insulated Bushing *(26 05 33 13-0060)*

26 05 33 13-0200	EA	1/2" Rigid Galvanized Steel (RGS) Steel Insulated Bushing	17.98	7.94
		For Work In Restricted Working Space, Add	*4.76*	
		For Elevated Installation >10' To 15', Add	*1.59*	
		For Elevated Installation >15' To 20', Add	*3.18*	
		For Elevated Installation >20' To 25', Add	*3.97*	
		For Elevated Installation >25' To 30', Add	*5.56*	
		For Elevated Installation >30' To 35', Add	*6.35*	
		For Elevated Installation >35' To 40', Add	*7.94*	
		For Elevated Installation >40', Add	*8.73*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.76*	
26 05 33 13-0201	EA	3/4" Rigid Galvanized Steel (RGS) Steel Insulated Bushing	20.06	8.47
		For Work In Restricted Working Space, Add	*5.08*	
		For Elevated Installation >10' To 15', Add	*1.69*	
		For Elevated Installation >15' To 20', Add	*3.39*	
		For Elevated Installation >20' To 25', Add	*4.24*	
		For Elevated Installation >25' To 30', Add	*5.93*	
		For Elevated Installation >30' To 35', Add	*6.78*	
		For Elevated Installation >35' To 40', Add	*8.47*	
		For Elevated Installation >40', Add	*9.32*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0202	EA	1" Rigid Galvanized Steel (RGS) Steel Insulated Bushing	23.66	9.53
		For Work In Restricted Working Space, Add	*5.72*	
		For Elevated Installation >10' To 15', Add	*1.91*	
		For Elevated Installation >15' To 20', Add	*3.81*	
		For Elevated Installation >20' To 25', Add	*4.77*	
		For Elevated Installation >25' To 30', Add	*6.67*	
		For Elevated Installation >30' To 35', Add	*7.62*	
		For Elevated Installation >35' To 40', Add	*9.53*	
		For Elevated Installation >40', Add	*10.48*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.72*	
26 05 33 13-0203	EA	1-1/4" Rigid Galvanized Steel (RGS) Steel Insulated Bushing	27.84	10.59
		For Work In Restricted Working Space, Add	*6.35*	
		For Elevated Installation >10' To 15', Add	*2.12*	
		For Elevated Installation >15' To 20', Add	*4.24*	
		For Elevated Installation >20' To 25', Add	*5.30*	
		For Elevated Installation >25' To 30', Add	*7.41*	
		For Elevated Installation >30' To 35', Add	*8.47*	
		For Elevated Installation >35' To 40', Add	*10.59*	
		For Elevated Installation >40', Add	*11.65*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.35*	
26 05 33 13-0204	EA	1-1/2" Rigid Galvanized Steel (RGS) Steel Insulated Bushing	34.73	13.24
		For Work In Restricted Working Space, Add	*7.94*	
		For Elevated Installation >10' To 15', Add	*2.65*	
		For Elevated Installation >15' To 20', Add	*5.29*	
		For Elevated Installation >20' To 25', Add	*6.62*	
		For Elevated Installation >25' To 30', Add	*9.26*	
		For Elevated Installation >30' To 35', Add	*10.59*	
		For Elevated Installation >35' To 40', Add	*13.24*	
		For Elevated Installation >40', Add	*14.56*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.94*	
26 05 33 13-0205	EA	2" Rigid Galvanized Steel (RGS) Steel Insulated Bushing	43.29	15.88
		For Work In Restricted Working Space, Add	*9.53*	
		For Elevated Installation >10' To 15', Add	*3.18*	
		For Elevated Installation >15' To 20', Add	*6.35*	
		For Elevated Installation >20' To 25', Add	*7.94*	
		For Elevated Installation >25' To 30', Add	*11.12*	
		For Elevated Installation >30' To 35', Add	*12.70*	
		For Elevated Installation >35' To 40', Add	*15.88*	
		For Elevated Installation >40', Add	*17.47*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.53*	
26 05 33 13-0206	EA	2-1/2" Rigid Galvanized Steel (RGS) Steel Insulated Bushing	61.27	18.53
		For Work In Restricted Working Space, Add	*11.12*	
		For Elevated Installation >10' To 15', Add	*3.71*	
		For Elevated Installation >15' To 20', Add	*7.41*	
		For Elevated Installation >20' To 25', Add	*9.27*	
		For Elevated Installation >25' To 30', Add	*12.97*	
		For Elevated Installation >30' To 35', Add	*14.82*	
		For Elevated Installation >35' To 40', Add	*18.53*	
		For Elevated Installation >40', Add	*20.38*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.12*	
26 05 33 13-0207	EA	3" Rigid Galvanized Steel (RGS) Steel Insulated Bushing	72.84	21.18
		For Work In Restricted Working Space, Add	*12.71*	
		For Elevated Installation >10' To 15', Add	*4.24*	
		For Elevated Installation >15' To 20', Add	*8.47*	
		For Elevated Installation >20' To 25', Add	*10.59*	
		For Elevated Installation >25' To 30', Add	*14.82*	
		For Elevated Installation >30' To 35', Add	*16.94*	
		For Elevated Installation >35' To 40', Add	*21.18*	
		For Elevated Installation >40', Add	*23.29*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.71*	
26 05 33 13-0208	EA	3-1/2" Rigid Galvanized Steel (RGS) Steel Insulated Bushing	95.85	23.82
		For Work In Restricted Working Space, Add	*14.30*	
		For Elevated Installation >10' To 15', Add	*4.77*	
		For Elevated Installation >15' To 20', Add	*9.53*	
		For Elevated Installation >20' To 25', Add	*11.91*	
		For Elevated Installation >25' To 30', Add	*16.68*	
		For Elevated Installation >30' To 35', Add	*19.06*	
		For Elevated Installation >35' To 40', Add	*23.83*	
		For Elevated Installation >40', Add	*26.21*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.30*	
26 05 33 13-0209	EA	4" Rigid Galvanized Steel (RGS) Steel Insulated Bushing	136.80	26.47
		For Work In Restricted Working Space, Add	*15.88*	
		For Elevated Installation >10' To 15', Add	*5.29*	
		For Elevated Installation >15' To 20', Add	*10.59*	
		For Elevated Installation >20' To 25', Add	*13.24*	
		For Elevated Installation >25' To 30', Add	*18.53*	
		For Elevated Installation >30' To 35', Add	*21.18*	
		For Elevated Installation >35' To 40', Add	*26.47*	
		For Elevated Installation >40', Add	*29.12*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.88*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0210	EA	5" Rigid Galvanized Steel (RGS) Steel Insulated Bushing	181.62	29.12
		For Work In Restricted Working Space, Add	*17.47*	
		For Elevated Installation >10' To 15', Add	*5.82*	
		For Elevated Installation >15' To 20', Add	*11.65*	
		For Elevated Installation >20' To 25', Add	*14.56*	
		For Elevated Installation >25' To 30', Add	*20.38*	
		For Elevated Installation >30' To 35', Add	*23.29*	
		For Elevated Installation >35' To 40', Add	*29.12*	
		For Elevated Installation >40', Add	*32.03*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.47*	
26 05 33 13-0211	EA	6" Rigid Galvanized Steel (RGS) Steel Insulated Bushing	258.82	31.76
		For Work In Restricted Working Space, Add	*19.06*	
		For Elevated Installation >10' To 15', Add	*6.35*	
		For Elevated Installation >15' To 20', Add	*12.71*	
		For Elevated Installation >20' To 25', Add	*15.88*	
		For Elevated Installation >25' To 30', Add	*22.24*	
		For Elevated Installation >30' To 35', Add	*25.41*	
		For Elevated Installation >35' To 40', Add	*31.77*	
		For Elevated Installation >40', Add	*34.94*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.06*	

26 05 33 13-0212 Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing *(26 05 33 13-0060)*

26 05 33 13-0213	EA	1/2" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing	27.53	9.53
		For Work In Restricted Working Space, Add	*5.72*	
		For Elevated Installation >10' To 15', Add	*1.91*	
		For Elevated Installation >15' To 20', Add	*3.81*	
		For Elevated Installation >20' To 25', Add	*4.77*	
		For Elevated Installation >25' To 30', Add	*6.67*	
		For Elevated Installation >30' To 35', Add	*7.62*	
		For Elevated Installation >35' To 40', Add	*9.53*	
		For Elevated Installation >40', Add	*10.48*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.72*	
26 05 33 13-0214	EA	3/4" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing	30.85	10.59
		For Work In Restricted Working Space, Add	*6.35*	
		For Elevated Installation >10' To 15', Add	*2.12*	
		For Elevated Installation >15' To 20', Add	*4.24*	
		For Elevated Installation >20' To 25', Add	*5.30*	
		For Elevated Installation >25' To 30', Add	*7.41*	
		For Elevated Installation >30' To 35', Add	*8.47*	
		For Elevated Installation >35' To 40', Add	*10.59*	
		For Elevated Installation >40', Add	*11.65*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.35*	
26 05 33 13-0215	EA	1" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing	35.35	11.65
		For Work In Restricted Working Space, Add	*6.99*	
		For Elevated Installation >10' To 15', Add	*2.33*	
		For Elevated Installation >15' To 20', Add	*4.66*	
		For Elevated Installation >20' To 25', Add	*5.82*	
		For Elevated Installation >25' To 30', Add	*8.15*	
		For Elevated Installation >30' To 35', Add	*9.32*	
		For Elevated Installation >35' To 40', Add	*11.65*	
		For Elevated Installation >40', Add	*12.81*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.99*	
26 05 33 13-0216	EA	1-1/4" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing	42.07	13.24
		For Work In Restricted Working Space, Add	*7.94*	
		For Elevated Installation >10' To 15', Add	*2.65*	
		For Elevated Installation >15' To 20', Add	*5.29*	
		For Elevated Installation >20' To 25', Add	*6.62*	
		For Elevated Installation >25' To 30', Add	*9.26*	
		For Elevated Installation >30' To 35', Add	*10.59*	
		For Elevated Installation >35' To 40', Add	*13.24*	
		For Elevated Installation >40', Add	*14.56*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.94*	
26 05 33 13-0217	EA	1-1/2" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing	50.83	16.41
		For Work In Restricted Working Space, Add	*9.85*	
		For Elevated Installation >10' To 15', Add	*3.28*	
		For Elevated Installation >15' To 20', Add	*6.57*	
		For Elevated Installation >20' To 25', Add	*8.21*	
		For Elevated Installation >25' To 30', Add	*11.49*	
		For Elevated Installation >30' To 35', Add	*13.13*	
		For Elevated Installation >35' To 40', Add	*16.42*	
		For Elevated Installation >40', Add	*18.06*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.85*	
26 05 33 13-0218	EA	2" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing	64.18	19.59
		For Work In Restricted Working Space, Add	*11.75*	
		For Elevated Installation >10' To 15', Add	*3.92*	
		For Elevated Installation >15' To 20', Add	*7.83*	
		For Elevated Installation >20' To 25', Add	*9.79*	
		For Elevated Installation >25' To 30', Add	*13.71*	
		For Elevated Installation >30' To 35', Add	*15.67*	
		For Elevated Installation >35' To 40', Add	*19.59*	
		For Elevated Installation >40', Add	*21.54*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.75*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0219	EA	2-1/2" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing	86.39	22.77
		For Work In Restricted Working Space, Add	*13.66*	
		For Elevated Installation >10' To 15', Add	*4.55*	
		For Elevated Installation >15' To 20', Add	*9.11*	
		For Elevated Installation >20' To 25', Add	*11.38*	
		For Elevated Installation >25' To 30', Add	*15.94*	
		For Elevated Installation >30' To 35', Add	*18.21*	
		For Elevated Installation >35' To 40', Add	*22.77*	
		For Elevated Installation >40', Add	*25.04*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.66*	
26 05 33 13-0220	EA	3" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing	95.09	26.47
		For Work In Restricted Working Space, Add	*15.88*	
		For Elevated Installation >10' To 15', Add	*5.29*	
		For Elevated Installation >15' To 20', Add	*10.59*	
		For Elevated Installation >20' To 25', Add	*13.24*	
		For Elevated Installation >25' To 30', Add	*18.53*	
		For Elevated Installation >30' To 35', Add	*21.18*	
		For Elevated Installation >35' To 40', Add	*26.47*	
		For Elevated Installation >40', Add	*29.12*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.88*	
26 05 33 13-0221	EA	3-1/2" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing	107.57	29.65
		For Work In Restricted Working Space, Add	*17.79*	
		For Elevated Installation >10' To 15', Add	*5.93*	
		For Elevated Installation >15' To 20', Add	*11.86*	
		For Elevated Installation >20' To 25', Add	*14.83*	
		For Elevated Installation >25' To 30', Add	*20.76*	
		For Elevated Installation >30' To 35', Add	*23.72*	
		For Elevated Installation >35' To 40', Add	*29.65*	
		For Elevated Installation >40', Add	*32.62*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.79*	
26 05 33 13-0222	EA	4" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing	139.54	32.83
		For Work In Restricted Working Space, Add	*19.70*	
		For Elevated Installation >10' To 15', Add	*6.57*	
		For Elevated Installation >15' To 20', Add	*13.13*	
		For Elevated Installation >20' To 25', Add	*16.41*	
		For Elevated Installation >25' To 30', Add	*22.98*	
		For Elevated Installation >30' To 35', Add	*26.26*	
		For Elevated Installation >35' To 40', Add	*32.83*	
		For Elevated Installation >40', Add	*36.11*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.70*	
26 05 33 13-0223	EA	5" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing	199.19	36.01
		For Work In Restricted Working Space, Add	*21.60*	
		For Elevated Installation >10' To 15', Add	*7.20*	
		For Elevated Installation >15' To 20', Add	*14.40*	
		For Elevated Installation >20' To 25', Add	*18.00*	
		For Elevated Installation >25' To 30', Add	*25.20*	
		For Elevated Installation >30' To 35', Add	*28.80*	
		For Elevated Installation >35' To 40', Add	*36.00*	
		For Elevated Installation >40', Add	*39.60*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.60*	
26 05 33 13-0224	EA	6" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing	275.48	39.71
		For Work In Restricted Working Space, Add	*23.83*	
		For Elevated Installation >10' To 15', Add	*7.94*	
		For Elevated Installation >15' To 20', Add	*15.88*	
		For Elevated Installation >20' To 25', Add	*19.86*	
		For Elevated Installation >25' To 30', Add	*27.80*	
		For Elevated Installation >30' To 35', Add	*31.77*	
		For Elevated Installation >35' To 40', Add	*39.71*	
		For Elevated Installation >40', Add	*43.68*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.83*	

26 05 33 13-0225 Rigid Galvanized Steel (RGS) Box Connectors With Set Screw *(26 05 33 13-0060)*

26 05 33 13-0226	EA	1/2" Rigid Galvanized Steel (RGS) Box Connector With Set Screw	16.60	4.87
		For Work In Restricted Working Space, Add	*3.62*	
		For Elevated Installation >10' To 15', Add	*1.21*	
		For Elevated Installation >15' To 20', Add	*2.42*	
		For Elevated Installation >20' To 25', Add	*3.02*	
		For Elevated Installation >25' To 30', Add	*4.23*	
		For Elevated Installation >30' To 35', Add	*4.83*	
		For Elevated Installation >35' To 40', Add	*6.04*	
		For Elevated Installation >40', Add	*6.64*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.62*	
26 05 33 13-0227	EA	3/4" Rigid Galvanized Steel (RGS) Box Connector With Set Screw	20.26	5.61
		For Work In Restricted Working Space, Add	*4.20*	
		For Elevated Installation >10' To 15', Add	*1.40*	
		For Elevated Installation >15' To 20', Add	*2.80*	
		For Elevated Installation >20' To 25', Add	*3.50*	
		For Elevated Installation >25' To 30', Add	*4.90*	
		For Elevated Installation >30' To 35', Add	*5.60*	
		For Elevated Installation >35' To 40', Add	*7.00*	
		For Elevated Installation >40', Add	*7.69*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0228	EA	1" Rigid Galvanized Steel (RGS) Box Connector With Set Screw	26.85	6.78
		For Work In Restricted Working Space, Add	*5.06*	
		For Elevated Installation >10' To 15', Add	*1.69*	
		For Elevated Installation >15' To 20', Add	*3.37*	
		For Elevated Installation >20' To 25', Add	*4.22*	
		For Elevated Installation >25' To 30', Add	*5.90*	
		For Elevated Installation >30' To 35', Add	*6.74*	
		For Elevated Installation >35' To 40', Add	*8.43*	
		For Elevated Installation >40', Add	*9.27*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.06*	
26 05 33 13-0229	EA	1-1/4" Rigid Galvanized Steel (RGS) Box Connector, Insulated With Set Screw	40.58	8.36
		For Work In Restricted Working Space, Add	*6.29*	
		For Elevated Installation >10' To 15', Add	*2.10*	
		For Elevated Installation >15' To 20', Add	*4.20*	
		For Elevated Installation >20' To 25', Add	*5.25*	
		For Elevated Installation >25' To 30', Add	*7.34*	
		For Elevated Installation >30' To 35', Add	*8.39*	
		For Elevated Installation >35' To 40', Add	*10.49*	
		For Elevated Installation >40', Add	*11.54*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.29*	
26 05 33 13-0230	EA	1-1/2" Rigid Galvanized Steel (RGS) Box Connector, Insulated With Set Screw	55.00	11.22
		For Work In Restricted Working Space, Add	*8.42*	
		For Elevated Installation >10' To 15', Add	*2.81*	
		For Elevated Installation >15' To 20', Add	*5.62*	
		For Elevated Installation >20' To 25', Add	*7.02*	
		For Elevated Installation >25' To 30', Add	*9.83*	
		For Elevated Installation >30' To 35', Add	*11.23*	
		For Elevated Installation >35' To 40', Add	*14.04*	
		For Elevated Installation >40', Add	*15.44*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.42*	
26 05 33 13-0231	EA	2" Rigid Galvanized Steel (RGS) Box Connector, Insulated With Set Screw	94.83	16.83
		For Work In Restricted Working Space, Add	*12.62*	
		For Elevated Installation >10' To 15', Add	*4.21*	
		For Elevated Installation >15' To 20', Add	*8.41*	
		For Elevated Installation >20' To 25', Add	*10.52*	
		For Elevated Installation >25' To 30', Add	*14.72*	
		For Elevated Installation >30' To 35', Add	*16.82*	
		For Elevated Installation >35' To 40', Add	*21.03*	
		For Elevated Installation >40', Add	*23.13*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.62*	
26 05 33 13-0232	EA	2-1/2" Rigid Galvanized Steel (RGS) Box Connector, Insulated With Set Screw	177.19	18.64
		For Work In Restricted Working Space, Add	*13.98*	
		For Elevated Installation >10' To 15', Add	*4.66*	
		For Elevated Installation >15' To 20', Add	*9.32*	
		For Elevated Installation >20' To 25', Add	*11.65*	
		For Elevated Installation >25' To 30', Add	*16.31*	
		For Elevated Installation >30' To 35', Add	*18.64*	
		For Elevated Installation >35' To 40', Add	*23.30*	
		For Elevated Installation >40', Add	*25.62*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.98*	
26 05 33 13-0233	EA	3" Rigid Galvanized Steel (RGS) Box Connector, Insulated With Set Screw	211.02	22.55
		For Work In Restricted Working Space, Add	*16.93*	
		For Elevated Installation >10' To 15', Add	*5.64*	
		For Elevated Installation >15' To 20', Add	*11.29*	
		For Elevated Installation >20' To 25', Add	*14.11*	
		For Elevated Installation >25' To 30', Add	*19.75*	
		For Elevated Installation >30' To 35', Add	*22.57*	
		For Elevated Installation >35' To 40', Add	*28.22*	
		For Elevated Installation >40', Add	*31.04*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.93*	
26 05 33 13-0234	EA	3-1/2" Rigid Galvanized Steel (RGS) Box Connector, Insulated With Set Screw	286.53	28.28
		For Work In Restricted Working Space, Add	*21.19*	
		For Elevated Installation >10' To 15', Add	*7.06*	
		For Elevated Installation >15' To 20', Add	*14.13*	
		For Elevated Installation >20' To 25', Add	*17.66*	
		For Elevated Installation >25' To 30', Add	*24.72*	
		For Elevated Installation >30' To 35', Add	*28.26*	
		For Elevated Installation >35' To 40', Add	*35.32*	
		For Elevated Installation >40', Add	*38.85*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.19*	
26 05 33 13-0235	EA	4" Rigid Galvanized Steel (RGS) Box Connector, Insulated With Set Screw	335.25	33.88
		For Work In Restricted Working Space, Add	*25.41*	
		For Elevated Installation >10' To 15', Add	*8.47*	
		For Elevated Installation >15' To 20', Add	*16.94*	
		For Elevated Installation >20' To 25', Add	*21.18*	
		For Elevated Installation >25' To 30', Add	*29.65*	
		For Elevated Installation >30' To 35', Add	*33.88*	
		For Elevated Installation >35' To 40', Add	*42.36*	
		For Elevated Installation >40', Add	*46.59*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*25.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0236	EA	5" Rigid Galvanized Steel (RGS) Box Connector, Insulated With Set Screw	600.54	37.70
		For Work In Restricted Working Space, Add	*28.24*	
		For Elevated Installation >10' To 15', Add	*9.41*	
		For Elevated Installation >15' To 20', Add	*18.83*	
		For Elevated Installation >20' To 25', Add	*23.53*	
		For Elevated Installation >25' To 30', Add	*32.95*	
		For Elevated Installation >30' To 35', Add	*37.65*	
		For Elevated Installation >35' To 40', Add	*47.07*	
		For Elevated Installation >40', Add	*51.77*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*28.24*	
26 05 33 13-0237	EA	6" Rigid Galvanized Steel (RGS) Box Connector, Insulated With Set Screw	718.88	42.35
		For Work In Restricted Working Space, Add	*31.76*	
		For Elevated Installation >10' To 15', Add	*10.59*	
		For Elevated Installation >15' To 20', Add	*21.17*	
		For Elevated Installation >20' To 25', Add	*26.47*	
		For Elevated Installation >25' To 30', Add	*37.05*	
		For Elevated Installation >30' To 35', Add	*42.34*	
		For Elevated Installation >35' To 40', Add	*52.93*	
		For Elevated Installation >40', Add	*58.22*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*31.76*	

26 05 33 13-0238 Rigid Galvanized Steel (RGS) Nipples *(26 05 33 13-0060)*

26 05 33 13-0239	EA	1/2" x 2" Long, Rigid Galvanized Steel (RGS) Nipple	15.59	6.88
		For Work In Restricted Working Space, Add	*4.13*	
		For Elevated Installation >10' To 15', Add	*1.38*	
		For Elevated Installation >15' To 20', Add	*2.75*	
		For Elevated Installation >20' To 25', Add	*3.44*	
		For Elevated Installation >25' To 30', Add	*4.82*	
		For Elevated Installation >30' To 35', Add	*5.51*	
		For Elevated Installation >35' To 40', Add	*6.89*	
		For Elevated Installation >40', Add	*7.57*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.13*	
26 05 33 13-0240	EA	3/4" x 2" Long, Rigid Galvanized Steel (RGS) Nipple	17.93	7.94
		For Work In Restricted Working Space, Add	*4.76*	
		For Elevated Installation >10' To 15', Add	*1.59*	
		For Elevated Installation >15' To 20', Add	*3.18*	
		For Elevated Installation >20' To 25', Add	*3.97*	
		For Elevated Installation >25' To 30', Add	*5.56*	
		For Elevated Installation >30' To 35', Add	*6.35*	
		For Elevated Installation >35' To 40', Add	*7.94*	
		For Elevated Installation >40', Add	*8.73*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.76*	
26 05 33 13-0241	EA	1" x 2" Long, Rigid Galvanized Steel (RGS) Nipple	22.97	10.06
		For Work In Restricted Working Space, Add	*6.03*	
		For Elevated Installation >10' To 15', Add	*2.01*	
		For Elevated Installation >15' To 20', Add	*4.02*	
		For Elevated Installation >20' To 25', Add	*5.03*	
		For Elevated Installation >25' To 30', Add	*7.04*	
		For Elevated Installation >30' To 35', Add	*8.04*	
		For Elevated Installation >35' To 40', Add	*10.06*	
		For Elevated Installation >40', Add	*11.06*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.03*	
26 05 33 13-0242	EA	1-1/4" x 2" Long, Rigid Galvanized Steel (RGS) Nipple	26.93	11.65
		For Work In Restricted Working Space, Add	*6.99*	
		For Elevated Installation >10' To 15', Add	*2.33*	
		For Elevated Installation >15' To 20', Add	*4.66*	
		For Elevated Installation >20' To 25', Add	*5.82*	
		For Elevated Installation >25' To 30', Add	*8.15*	
		For Elevated Installation >30' To 35', Add	*9.32*	
		For Elevated Installation >35' To 40', Add	*11.65*	
		For Elevated Installation >40', Add	*12.81*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.99*	
26 05 33 13-0243	EA	1-1/2" x 2" Long, Rigid Galvanized Steel (RGS) Nipple	30.79	13.24
		For Work In Restricted Working Space, Add	*7.94*	
		For Elevated Installation >10' To 15', Add	*2.65*	
		For Elevated Installation >15' To 20', Add	*5.29*	
		For Elevated Installation >20' To 25', Add	*6.62*	
		For Elevated Installation >25' To 30', Add	*9.26*	
		For Elevated Installation >30' To 35', Add	*10.59*	
		For Elevated Installation >35' To 40', Add	*13.24*	
		For Elevated Installation >40', Add	*14.56*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.94*	
26 05 33 13-0244	EA	1/2" x 2-1/2" Long, Rigid Galvanized Steel (RGS) Nipple	15.74	6.88
		For Work In Restricted Working Space, Add	*4.13*	
		For Elevated Installation >10' To 15', Add	*1.38*	
		For Elevated Installation >15' To 20', Add	*2.75*	
		For Elevated Installation >20' To 25', Add	*3.44*	
		For Elevated Installation >25' To 30', Add	*4.82*	
		For Elevated Installation >30' To 35', Add	*5.51*	
		For Elevated Installation >35' To 40', Add	*6.89*	
		For Elevated Installation >40', Add	*7.57*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0245	EA	3/4" x 2-1/2" Long, Rigid Galvanized Steel (RGS) Nipple	18.16	7.94
		For Work In Restricted Working Space, Add	*4.76*	
		For Elevated Installation >10' To 15', Add	*1.59*	
		For Elevated Installation >15' To 20', Add	*3.18*	
		For Elevated Installation >20' To 25', Add	*3.97*	
		For Elevated Installation >25' To 30', Add	*5.56*	
		For Elevated Installation >30' To 35', Add	*6.35*	
		For Elevated Installation >35' To 40', Add	*7.94*	
		For Elevated Installation >40', Add	*8.73*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.76*	
26 05 33 13-0246	EA	1" x 2-1/2" Long, Rigid Galvanized Steel (RGS) Nipple	23.22	10.06
		For Work In Restricted Working Space, Add	*6.03*	
		For Elevated Installation >10' To 15', Add	*2.01*	
		For Elevated Installation >15' To 20', Add	*4.02*	
		For Elevated Installation >20' To 25', Add	*5.03*	
		For Elevated Installation >25' To 30', Add	*7.04*	
		For Elevated Installation >30' To 35', Add	*8.04*	
		For Elevated Installation >35' To 40', Add	*10.06*	
		For Elevated Installation >40', Add	*11.06*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.03*	
26 05 33 13-0247	EA	1-1/4" x 2-1/2" Long, Rigid Galvanized Steel (RGS) Nipple	27.28	11.65
		For Work In Restricted Working Space, Add	*6.99*	
		For Elevated Installation >10' To 15', Add	*2.33*	
		For Elevated Installation >15' To 20', Add	*4.66*	
		For Elevated Installation >20' To 25', Add	*5.82*	
		For Elevated Installation >25' To 30', Add	*8.15*	
		For Elevated Installation >30' To 35', Add	*9.32*	
		For Elevated Installation >35' To 40', Add	*11.65*	
		For Elevated Installation >40', Add	*12.81*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.99*	
26 05 33 13-0248	EA	1-1/2" x 2-1/2" Long, Rigid Galvanized Steel (RGS) Nipple	31.34	13.24
		For Work In Restricted Working Space, Add	*7.94*	
		For Elevated Installation >10' To 15', Add	*2.65*	
		For Elevated Installation >15' To 20', Add	*5.29*	
		For Elevated Installation >20' To 25', Add	*6.62*	
		For Elevated Installation >25' To 30', Add	*9.26*	
		For Elevated Installation >30' To 35', Add	*10.59*	
		For Elevated Installation >35' To 40', Add	*13.24*	
		For Elevated Installation >40', Add	*14.56*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.94*	
26 05 33 13-0249	EA	2" x 2-1/2" Long, Rigid Galvanized Steel (RGS) Nipple	35.53	14.82
		For Work In Restricted Working Space, Add	*8.90*	
		For Elevated Installation >10' To 15', Add	*2.97*	
		For Elevated Installation >15' To 20', Add	*5.93*	
		For Elevated Installation >20' To 25', Add	*7.41*	
		For Elevated Installation >25' To 30', Add	*10.38*	
		For Elevated Installation >30' To 35', Add	*11.86*	
		For Elevated Installation >35' To 40', Add	*14.83*	
		For Elevated Installation >40', Add	*16.31*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.90*	
26 05 33 13-0250	EA	1/2" x 3" Long, Rigid Galvanized Steel (RGS) Nipple	15.90	6.88
		For Work In Restricted Working Space, Add	*4.13*	
		For Elevated Installation >10' To 15', Add	*1.38*	
		For Elevated Installation >15' To 20', Add	*2.75*	
		For Elevated Installation >20' To 25', Add	*3.44*	
		For Elevated Installation >25' To 30', Add	*4.82*	
		For Elevated Installation >30' To 35', Add	*5.51*	
		For Elevated Installation >35' To 40', Add	*6.89*	
		For Elevated Installation >40', Add	*7.57*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.13*	
26 05 33 13-0251	EA	3/4" x 3" Long, Rigid Galvanized Steel (RGS) Nipple	18.37	7.94
		For Work In Restricted Working Space, Add	*4.76*	
		For Elevated Installation >10' To 15', Add	*1.59*	
		For Elevated Installation >15' To 20', Add	*3.18*	
		For Elevated Installation >20' To 25', Add	*3.97*	
		For Elevated Installation >25' To 30', Add	*5.56*	
		For Elevated Installation >30' To 35', Add	*6.35*	
		For Elevated Installation >35' To 40', Add	*7.94*	
		For Elevated Installation >40', Add	*8.73*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.76*	
26 05 33 13-0252	EA	1" x 3" Long, Rigid Galvanized Steel (RGS) Nipple	23.58	10.06
		For Work In Restricted Working Space, Add	*6.03*	
		For Elevated Installation >10' To 15', Add	*2.01*	
		For Elevated Installation >15' To 20', Add	*4.02*	
		For Elevated Installation >20' To 25', Add	*5.03*	
		For Elevated Installation >25' To 30', Add	*7.04*	
		For Elevated Installation >30' To 35', Add	*8.04*	
		For Elevated Installation >35' To 40', Add	*10.06*	
		For Elevated Installation >40', Add	*11.06*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0253	EA	1-1/4" x 3" Long, Rigid Galvanized Steel (RGS) Nipple	27.59	11.65
		For Work In Restricted Working Space, Add	*6.99*	
		For Elevated Installation >10' To 15', Add	*2.33*	
		For Elevated Installation >15' To 20', Add	*4.66*	
		For Elevated Installation >20' To 25', Add	*5.82*	
		For Elevated Installation >25' To 30', Add	*8.15*	
		For Elevated Installation >30' To 35', Add	*9.32*	
		For Elevated Installation >35' To 40', Add	*11.65*	
		For Elevated Installation >40', Add	*12.81*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.99*	
26 05 33 13-0254	EA	1-1/2" x 3" Long, Rigid Galvanized Steel (RGS) Nipple	31.71	13.24
		For Work In Restricted Working Space, Add	*7.94*	
		For Elevated Installation >10' To 15', Add	*2.65*	
		For Elevated Installation >15' To 20', Add	*5.29*	
		For Elevated Installation >20' To 25', Add	*6.62*	
		For Elevated Installation >25' To 30', Add	*9.26*	
		For Elevated Installation >30' To 35', Add	*10.59*	
		For Elevated Installation >35' To 40', Add	*13.24*	
		For Elevated Installation >40', Add	*14.56*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.94*	
26 05 33 13-0255	EA	2" x 3" Long, Rigid Galvanized Steel (RGS) Nipple	36.45	14.82
		For Work In Restricted Working Space, Add	*8.90*	
		For Elevated Installation >10' To 15', Add	*2.97*	
		For Elevated Installation >15' To 20', Add	*5.93*	
		For Elevated Installation >20' To 25', Add	*7.41*	
		For Elevated Installation >25' To 30', Add	*10.38*	
		For Elevated Installation >30' To 35', Add	*11.86*	
		For Elevated Installation >35' To 40', Add	*14.83*	
		For Elevated Installation >40', Add	*16.31*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.90*	
26 05 33 13-0256	EA	2-1/2" x 3" Long, Rigid Galvanized Steel (RGS) Nipple	50.05	18.00
		For Work In Restricted Working Space, Add	*10.80*	
		For Elevated Installation >10' To 15', Add	*3.60*	
		For Elevated Installation >15' To 20', Add	*7.20*	
		For Elevated Installation >20' To 25', Add	*9.00*	
		For Elevated Installation >25' To 30', Add	*12.60*	
		For Elevated Installation >30' To 35', Add	*14.40*	
		For Elevated Installation >35' To 40', Add	*18.00*	
		For Elevated Installation >40', Add	*19.80*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.80*	
26 05 33 13-0257	EA	3" x 3" Long, Rigid Galvanized Steel (RGS) Nipple	67.03	24.89
		For Work In Restricted Working Space, Add	*14.93*	
		For Elevated Installation >10' To 15', Add	*4.98*	
		For Elevated Installation >15' To 20', Add	*9.95*	
		For Elevated Installation >20' To 25', Add	*12.44*	
		For Elevated Installation >25' To 30', Add	*17.42*	
		For Elevated Installation >30' To 35', Add	*19.90*	
		For Elevated Installation >35' To 40', Add	*24.88*	
		For Elevated Installation >40', Add	*27.37*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.93*	
26 05 33 13-0258	EA	1/2" x 3-1/2" Long, Rigid Galvanized Steel (RGS) Nipple	16.10	6.88
		For Work In Restricted Working Space, Add	*4.13*	
		For Elevated Installation >10' To 15', Add	*1.38*	
		For Elevated Installation >15' To 20', Add	*2.75*	
		For Elevated Installation >20' To 25', Add	*3.44*	
		For Elevated Installation >25' To 30', Add	*4.82*	
		For Elevated Installation >30' To 35', Add	*5.51*	
		For Elevated Installation >35' To 40', Add	*6.89*	
		For Elevated Installation >40', Add	*7.57*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.13*	
26 05 33 13-0259	EA	3/4" x 3-1/2" Long, Rigid Galvanized Steel (RGS) Nipple	18.47	7.94
		For Work In Restricted Working Space, Add	*4.76*	
		For Elevated Installation >10' To 15', Add	*1.59*	
		For Elevated Installation >15' To 20', Add	*3.18*	
		For Elevated Installation >20' To 25', Add	*3.97*	
		For Elevated Installation >25' To 30', Add	*5.56*	
		For Elevated Installation >30' To 35', Add	*6.35*	
		For Elevated Installation >35' To 40', Add	*7.94*	
		For Elevated Installation >40', Add	*8.73*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.76*	
26 05 33 13-0260	EA	1" x 3-1/2" Long, Rigid Galvanized Steel (RGS) Nipple	24.04	10.06
		For Work In Restricted Working Space, Add	*6.03*	
		For Elevated Installation >10' To 15', Add	*2.01*	
		For Elevated Installation >15' To 20', Add	*4.02*	
		For Elevated Installation >20' To 25', Add	*5.03*	
		For Elevated Installation >25' To 30', Add	*7.04*	
		For Elevated Installation >30' To 35', Add	*8.04*	
		For Elevated Installation >35' To 40', Add	*10.06*	
		For Elevated Installation >40', Add	*11.06*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0261	EA	1-1/4" x 3-1/2" Long, Rigid Galvanized Steel (RGS) Nipple	28.18	11.65
		For Work In Restricted Working Space, Add	*6.99*	
		For Elevated Installation >10' To 15', Add	*2.33*	
		For Elevated Installation >15' To 20', Add	*4.66*	
		For Elevated Installation >20' To 25', Add	*5.82*	
		For Elevated Installation >25' To 30', Add	*8.15*	
		For Elevated Installation >30' To 35', Add	*9.32*	
		For Elevated Installation >35' To 40', Add	*11.65*	
		For Elevated Installation >40', Add	*12.81*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.99*	
26 05 33 13-0262	EA	1-1/2" x 3-1/2" Long, Rigid Galvanized Steel (RGS) Nipple	32.49	13.24
		For Work In Restricted Working Space, Add	*7.94*	
		For Elevated Installation >10' To 15', Add	*2.65*	
		For Elevated Installation >15' To 20', Add	*5.29*	
		For Elevated Installation >20' To 25', Add	*6.62*	
		For Elevated Installation >25' To 30', Add	*9.26*	
		For Elevated Installation >30' To 35', Add	*10.59*	
		For Elevated Installation >35' To 40', Add	*13.24*	
		For Elevated Installation >40', Add	*14.56*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.94*	
26 05 33 13-0263	EA	2" x 3-1/2" Long, Rigid Galvanized Steel (RGS), Nipple	37.40	14.82
		For Work In Restricted Working Space, Add	*8.90*	
		For Elevated Installation >10' To 15', Add	*2.97*	
		For Elevated Installation >15' To 20', Add	*5.93*	
		For Elevated Installation >20' To 25', Add	*7.41*	
		For Elevated Installation >25' To 30', Add	*10.38*	
		For Elevated Installation >30' To 35', Add	*11.86*	
		For Elevated Installation >35' To 40', Add	*14.83*	
		For Elevated Installation >40', Add	*16.31*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.90*	
26 05 33 13-0264	EA	2-1/2" x 3-1/2" Long, Rigid Galvanized Steel (RGS) Nipple	52.61	18.00
		For Work In Restricted Working Space, Add	*10.80*	
		For Elevated Installation >10' To 15', Add	*3.60*	
		For Elevated Installation >15' To 20', Add	*7.20*	
		For Elevated Installation >20' To 25', Add	*9.00*	
		For Elevated Installation >25' To 30', Add	*12.60*	
		For Elevated Installation >30' To 35', Add	*14.40*	
		For Elevated Installation >35' To 40', Add	*18.00*	
		For Elevated Installation >40', Add	*19.80*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.80*	
26 05 33 13-0265	EA	3" x 3-1/2" Long, Rigid Galvanized Steel (RGS) Nipple	69.25	24.89
		For Work In Restricted Working Space, Add	*14.93*	
		For Elevated Installation >10' To 15', Add	*4.98*	
		For Elevated Installation >15' To 20', Add	*9.95*	
		For Elevated Installation >20' To 25', Add	*12.44*	
		For Elevated Installation >25' To 30', Add	*17.42*	
		For Elevated Installation >30' To 35', Add	*19.90*	
		For Elevated Installation >35' To 40', Add	*24.88*	
		For Elevated Installation >40', Add	*27.37*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.93*	
26 05 33 13-0266	EA	1/2" x 4" Long, Rigid Galvanized Steel (RGS) Nipple	16.30	6.88
		For Work In Restricted Working Space, Add	*4.13*	
		For Elevated Installation >10' To 15', Add	*1.38*	
		For Elevated Installation >15' To 20', Add	*2.75*	
		For Elevated Installation >20' To 25', Add	*3.44*	
		For Elevated Installation >25' To 30', Add	*4.82*	
		For Elevated Installation >30' To 35', Add	*5.51*	
		For Elevated Installation >35' To 40', Add	*6.89*	
		For Elevated Installation >40', Add	*7.57*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.13*	
26 05 33 13-0267	EA	3/4" x 4" Long, Rigid Galvanized Steel (RGS) Nipple	18.83	7.94
		For Work In Restricted Working Space, Add	*4.76*	
		For Elevated Installation >10' To 15', Add	*1.59*	
		For Elevated Installation >15' To 20', Add	*3.18*	
		For Elevated Installation >20' To 25', Add	*3.97*	
		For Elevated Installation >25' To 30', Add	*5.56*	
		For Elevated Installation >30' To 35', Add	*6.35*	
		For Elevated Installation >35' To 40', Add	*7.94*	
		For Elevated Installation >40', Add	*8.73*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.76*	
26 05 33 13-0268	EA	1" x 4" Long, Rigid Galvanized Steel (RGS) Nipple	24.33	10.06
		For Work In Restricted Working Space, Add	*6.03*	
		For Elevated Installation >10' To 15', Add	*2.01*	
		For Elevated Installation >15' To 20', Add	*4.02*	
		For Elevated Installation >20' To 25', Add	*5.03*	
		For Elevated Installation >25' To 30', Add	*7.04*	
		For Elevated Installation >30' To 35', Add	*8.04*	
		For Elevated Installation >35' To 40', Add	*10.06*	
		For Elevated Installation >40', Add	*11.06*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0269	EA	1-1/4" x 4" Long, Rigid Galvanized Steel (RGS) Nipple	28.46	11.65
		For Work In Restricted Working Space, Add	*6.99*	
		For Elevated Installation >10' To 15', Add	*2.33*	
		For Elevated Installation >15' To 20', Add	*4.66*	
		For Elevated Installation >20' To 25', Add	*5.82*	
		For Elevated Installation >25' To 30', Add	*8.15*	
		For Elevated Installation >30' To 35', Add	*9.32*	
		For Elevated Installation >35' To 40', Add	*11.65*	
		For Elevated Installation >40', Add	*12.81*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.99*	
26 05 33 13-0270	EA	1-1/2" x 4" Long, Rigid Galvanized Steel (RGS) Nipple	33.03	13.24
		For Work In Restricted Working Space, Add	*7.94*	
		For Elevated Installation >10' To 15', Add	*2.65*	
		For Elevated Installation >15' To 20', Add	*5.29*	
		For Elevated Installation >20' To 25', Add	*6.62*	
		For Elevated Installation >25' To 30', Add	*9.26*	
		For Elevated Installation >30' To 35', Add	*10.59*	
		For Elevated Installation >35' To 40', Add	*13.24*	
		For Elevated Installation >40', Add	*14.56*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.94*	
26 05 33 13-0271	EA	2" x 4" Long, Rigid Galvanized Steel (RGS) Nipple	38.20	14.82
		For Work In Restricted Working Space, Add	*8.90*	
		For Elevated Installation >10' To 15', Add	*2.97*	
		For Elevated Installation >15' To 20', Add	*5.93*	
		For Elevated Installation >20' To 25', Add	*7.41*	
		For Elevated Installation >25' To 30', Add	*10.38*	
		For Elevated Installation >30' To 35', Add	*11.86*	
		For Elevated Installation >35' To 40', Add	*14.83*	
		For Elevated Installation >40', Add	*16.31*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.90*	
26 05 33 13-0272	EA	2-1/2" x 4" Long, Rigid Galvanized Steel (RGS) Nipple	53.39	18.00
		For Work In Restricted Working Space, Add	*10.80*	
		For Elevated Installation >10' To 15', Add	*3.60*	
		For Elevated Installation >15' To 20', Add	*7.20*	
		For Elevated Installation >20' To 25', Add	*9.00*	
		For Elevated Installation >25' To 30', Add	*12.60*	
		For Elevated Installation >30' To 35', Add	*14.40*	
		For Elevated Installation >35' To 40', Add	*18.00*	
		For Elevated Installation >40', Add	*19.80*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.80*	
26 05 33 13-0273	EA	3" x 4" Long, Rigid Galvanized Steel (RGS) Nipple	70.88	24.89
		For Work In Restricted Working Space, Add	*14.93*	
		For Elevated Installation >10' To 15', Add	*4.98*	
		For Elevated Installation >15' To 20', Add	*9.95*	
		For Elevated Installation >20' To 25', Add	*12.44*	
		For Elevated Installation >25' To 30', Add	*17.42*	
		For Elevated Installation >30' To 35', Add	*19.90*	
		For Elevated Installation >35' To 40', Add	*24.88*	
		For Elevated Installation >40', Add	*27.37*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.93*	
26 05 33 13-0274	EA	3-1/2" x 4" Long, Rigid Galvanized Steel (RGS) Nipple	81.83	28.06
		For Work In Restricted Working Space, Add	*16.84*	
		For Elevated Installation >10' To 15', Add	*5.61*	
		For Elevated Installation >15' To 20', Add	*11.22*	
		For Elevated Installation >20' To 25', Add	*14.03*	
		For Elevated Installation >25' To 30', Add	*19.64*	
		For Elevated Installation >30' To 35', Add	*22.45*	
		For Elevated Installation >35' To 40', Add	*28.06*	
		For Elevated Installation >40', Add	*30.87*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.84*	
26 05 33 13-0275	EA	4" x 4" Long, Rigid Galvanized Steel (RGS) Nipple	101.92	36.53
		For Work In Restricted Working Space, Add	*21.92*	
		For Elevated Installation >10' To 15', Add	*7.31*	
		For Elevated Installation >15' To 20', Add	*14.61*	
		For Elevated Installation >20' To 25', Add	*18.26*	
		For Elevated Installation >25' To 30', Add	*25.57*	
		For Elevated Installation >30' To 35', Add	*29.22*	
		For Elevated Installation >35' To 40', Add	*36.53*	
		For Elevated Installation >40', Add	*40.18*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.92*	
26 05 33 13-0276	EA	1/2" x 5" Long, Rigid Galvanized Steel (RGS) Nipple	16.60	6.88
		For Work In Restricted Working Space, Add	*4.13*	
		For Elevated Installation >10' To 15', Add	*1.38*	
		For Elevated Installation >15' To 20', Add	*2.75*	
		For Elevated Installation >20' To 25', Add	*3.44*	
		For Elevated Installation >25' To 30', Add	*4.82*	
		For Elevated Installation >30' To 35', Add	*5.51*	
		For Elevated Installation >35' To 40', Add	*6.89*	
		For Elevated Installation >40', Add	*7.57*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0277	EA	3/4" x 5" Long, Rigid Galvanized Steel (RGS) Nipple	19.27	7.94
		For Work In Restricted Working Space, Add	*4.76*	
		For Elevated Installation >10' To 15', Add	*1.59*	
		For Elevated Installation >15' To 20', Add	*3.18*	
		For Elevated Installation >20' To 25', Add	*3.97*	
		For Elevated Installation >25' To 30', Add	*5.56*	
		For Elevated Installation >30' To 35', Add	*6.35*	
		For Elevated Installation >35' To 40', Add	*7.94*	
		For Elevated Installation >40', Add	*8.73*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.76*	
26 05 33 13-0278	EA	1" x 5" Long, Rigid Galvanized Steel (RGS) Nipple	24.89	10.06
		For Work In Restricted Working Space, Add	*6.03*	
		For Elevated Installation >10' To 15', Add	*2.01*	
		For Elevated Installation >15' To 20', Add	*4.02*	
		For Elevated Installation >20' To 25', Add	*5.03*	
		For Elevated Installation >25' To 30', Add	*7.04*	
		For Elevated Installation >30' To 35', Add	*8.04*	
		For Elevated Installation >35' To 40', Add	*10.06*	
		For Elevated Installation >40', Add	*11.06*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.03*	
26 05 33 13-0279	EA	1-1/4" x 5" Long, Rigid Galvanized Steel (RGS) Nipple	29.28	11.65
		For Work In Restricted Working Space, Add	*6.99*	
		For Elevated Installation >10' To 15', Add	*2.33*	
		For Elevated Installation >15' To 20', Add	*4.66*	
		For Elevated Installation >20' To 25', Add	*5.82*	
		For Elevated Installation >25' To 30', Add	*8.15*	
		For Elevated Installation >30' To 35', Add	*9.32*	
		For Elevated Installation >35' To 40', Add	*11.65*	
		For Elevated Installation >40', Add	*12.81*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.99*	
26 05 33 13-0280	EA	1-1/2" x 5" Long, Rigid Galvanized Steel (RGS) Nipple	33.83	13.24
		For Work In Restricted Working Space, Add	*7.94*	
		For Elevated Installation >10' To 15', Add	*2.65*	
		For Elevated Installation >15' To 20', Add	*5.29*	
		For Elevated Installation >20' To 25', Add	*6.62*	
		For Elevated Installation >25' To 30', Add	*9.26*	
		For Elevated Installation >30' To 35', Add	*10.59*	
		For Elevated Installation >35' To 40', Add	*13.24*	
		For Elevated Installation >40', Add	*14.56*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.94*	
26 05 33 13-0281	EA	2" x 5" Long, Rigid Galvanized Steel (RGS) Nipple	39.63	14.82
		For Work In Restricted Working Space, Add	*8.90*	
		For Elevated Installation >10' To 15', Add	*2.97*	
		For Elevated Installation >15' To 20', Add	*5.93*	
		For Elevated Installation >20' To 25', Add	*7.41*	
		For Elevated Installation >25' To 30', Add	*10.38*	
		For Elevated Installation >30' To 35', Add	*11.86*	
		For Elevated Installation >35' To 40', Add	*14.83*	
		For Elevated Installation >40', Add	*16.31*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.90*	
26 05 33 13-0282	EA	2-1/2" x 5" Long, Rigid Galvanized Steel (RGS) Nipple	56.56	18.00
		For Work In Restricted Working Space, Add	*10.80*	
		For Elevated Installation >10' To 15', Add	*3.60*	
		For Elevated Installation >15' To 20', Add	*7.20*	
		For Elevated Installation >20' To 25', Add	*9.00*	
		For Elevated Installation >25' To 30', Add	*12.60*	
		For Elevated Installation >30' To 35', Add	*14.40*	
		For Elevated Installation >35' To 40', Add	*18.00*	
		For Elevated Installation >40', Add	*19.80*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.80*	
26 05 33 13-0283	EA	3" x 5" Long, Rigid Galvanized Steel (RGS) Nipple	74.32	24.89
		For Work In Restricted Working Space, Add	*14.93*	
		For Elevated Installation >10' To 15', Add	*4.98*	
		For Elevated Installation >15' To 20', Add	*9.95*	
		For Elevated Installation >20' To 25', Add	*12.44*	
		For Elevated Installation >25' To 30', Add	*17.42*	
		For Elevated Installation >30' To 35', Add	*19.90*	
		For Elevated Installation >35' To 40', Add	*24.88*	
		For Elevated Installation >40', Add	*27.37*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.93*	
26 05 33 13-0284	EA	3-1/2" x 5" Long, Rigid Galvanized Steel (RGS) Nipple	85.24	28.06
		For Work In Restricted Working Space, Add	*16.84*	
		For Elevated Installation >10' To 15', Add	*5.61*	
		For Elevated Installation >15' To 20', Add	*11.22*	
		For Elevated Installation >20' To 25', Add	*14.03*	
		For Elevated Installation >25' To 30', Add	*19.64*	
		For Elevated Installation >30' To 35', Add	*22.45*	
		For Elevated Installation >35' To 40', Add	*28.06*	
		For Elevated Installation >40', Add	*30.87*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0285	EA	4" x 5" Long, Rigid Galvanized Steel (RGS) Nipple	106.90	36.53
		For Work In Restricted Working Space, Add	*21.92*	
		For Elevated Installation >10' To 15', Add	*7.31*	
		For Elevated Installation >15' To 20', Add	*14.61*	
		For Elevated Installation >20' To 25', Add	*18.26*	
		For Elevated Installation >25' To 30', Add	*25.57*	
		For Elevated Installation >30' To 35', Add	*29.22*	
		For Elevated Installation >35' To 40', Add	*36.53*	
		For Elevated Installation >40', Add	*40.18*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.92*	
26 05 33 13-0286	EA	5" x 5" Long, Rigid Galvanized Steel (RGS) Nipple	166.29	50.29
		For Work In Restricted Working Space, Add	*30.18*	
		For Elevated Installation >10' To 15', Add	*10.06*	
		For Elevated Installation >15' To 20', Add	*20.12*	
		For Elevated Installation >20' To 25', Add	*25.15*	
		For Elevated Installation >25' To 30', Add	*35.21*	
		For Elevated Installation >30' To 35', Add	*40.24*	
		For Elevated Installation >35' To 40', Add	*50.30*	
		For Elevated Installation >40', Add	*55.32*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*30.18*	
26 05 33 13-0287	EA	6" x 5" Long, Rigid Galvanized Steel (RGS) Nipple	210.93	64.48
		For Work In Restricted Working Space, Add	*38.72*	
		For Elevated Installation >10' To 15', Add	*12.91*	
		For Elevated Installation >15' To 20', Add	*25.81*	
		For Elevated Installation >20' To 25', Add	*32.26*	
		For Elevated Installation >25' To 30', Add	*45.17*	
		For Elevated Installation >30' To 35', Add	*51.62*	
		For Elevated Installation >35' To 40', Add	*64.53*	
		For Elevated Installation >40', Add	*70.98*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*38.72*	
26 05 33 13-0288	EA	1/2" x 6" Long, Rigid Galvanized Steel (RGS) Nipple	17.15	6.88
		For Work In Restricted Working Space, Add	*4.13*	
		For Elevated Installation >10' To 15', Add	*1.38*	
		For Elevated Installation >15' To 20', Add	*2.75*	
		For Elevated Installation >20' To 25', Add	*3.44*	
		For Elevated Installation >25' To 30', Add	*4.82*	
		For Elevated Installation >30' To 35', Add	*5.51*	
		For Elevated Installation >35' To 40', Add	*6.89*	
		For Elevated Installation >40', Add	*7.57*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.13*	
26 05 33 13-0289	EA	3/4" x 6" Long, Rigid Galvanized Steel (RGS) Nipple	19.83	7.94
		For Work In Restricted Working Space, Add	*4.76*	
		For Elevated Installation >10' To 15', Add	*1.59*	
		For Elevated Installation >15' To 20', Add	*3.18*	
		For Elevated Installation >20' To 25', Add	*3.97*	
		For Elevated Installation >25' To 30', Add	*5.56*	
		For Elevated Installation >30' To 35', Add	*6.35*	
		For Elevated Installation >35' To 40', Add	*7.94*	
		For Elevated Installation >40', Add	*8.73*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.76*	
26 05 33 13-0290	EA	1" x 6" Long, Rigid Galvanized Steel (RGS) Nipple	25.34	10.06
		For Work In Restricted Working Space, Add	*6.03*	
		For Elevated Installation >10' To 15', Add	*2.01*	
		For Elevated Installation >15' To 20', Add	*4.02*	
		For Elevated Installation >20' To 25', Add	*5.03*	
		For Elevated Installation >25' To 30', Add	*7.04*	
		For Elevated Installation >30' To 35', Add	*8.04*	
		For Elevated Installation >35' To 40', Add	*10.06*	
		For Elevated Installation >40', Add	*11.06*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.03*	
26 05 33 13-0291	EA	1-1/4" x 6" Long, Rigid Galvanized Steel (RGS) Nipple	30.04	11.65
		For Work In Restricted Working Space, Add	*6.99*	
		For Elevated Installation >10' To 15', Add	*2.33*	
		For Elevated Installation >15' To 20', Add	*4.66*	
		For Elevated Installation >20' To 25', Add	*5.82*	
		For Elevated Installation >25' To 30', Add	*8.15*	
		For Elevated Installation >30' To 35', Add	*9.32*	
		For Elevated Installation >35' To 40', Add	*11.65*	
		For Elevated Installation >40', Add	*12.81*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.99*	
26 05 33 13-0292	EA	1-1/2" x 6" Long, Rigid Galvanized Steel (RGS) Nipple	35.51	13.24
		For Work In Restricted Working Space, Add	*7.94*	
		For Elevated Installation >10' To 15', Add	*2.65*	
		For Elevated Installation >15' To 20', Add	*5.29*	
		For Elevated Installation >20' To 25', Add	*6.62*	
		For Elevated Installation >25' To 30', Add	*9.26*	
		For Elevated Installation >30' To 35', Add	*10.59*	
		For Elevated Installation >35' To 40', Add	*13.24*	
		For Elevated Installation >40', Add	*14.56*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.94*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0293	EA	2" x 6" Long, Rigid Galvanized Steel (RGS) Nipple	41.06	14.82
		For Work In Restricted Working Space, Add	*8.90*	
		For Elevated Installation >10' To 15', Add	*2.97*	
		For Elevated Installation >15' To 20', Add	*5.93*	
		For Elevated Installation >20' To 25', Add	*7.41*	
		For Elevated Installation >25' To 30', Add	*10.38*	
		For Elevated Installation >30' To 35', Add	*11.86*	
		For Elevated Installation >35' To 40', Add	*14.83*	
		For Elevated Installation >40', Add	*16.31*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.90*	
26 05 33 13-0294	EA	2-1/2" x 6" Long, Rigid Galvanized Steel (RGS) Nipple	59.33	18.00
		For Work In Restricted Working Space, Add	*10.80*	
		For Elevated Installation >10' To 15', Add	*3.60*	
		For Elevated Installation >15' To 20', Add	*7.20*	
		For Elevated Installation >20' To 25', Add	*9.00*	
		For Elevated Installation >25' To 30', Add	*12.60*	
		For Elevated Installation >30' To 35', Add	*14.40*	
		For Elevated Installation >35' To 40', Add	*18.00*	
		For Elevated Installation >40', Add	*19.80*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.80*	
26 05 33 13-0295	EA	3" x 6" Long, Rigid Galvanized Steel (RGS) Nipple	77.80	24.89
		For Work In Restricted Working Space, Add	*14.93*	
		For Elevated Installation >10' To 15', Add	*4.98*	
		For Elevated Installation >15' To 20', Add	*9.95*	
		For Elevated Installation >20' To 25', Add	*12.44*	
		For Elevated Installation >25' To 30', Add	*17.42*	
		For Elevated Installation >30' To 35', Add	*19.90*	
		For Elevated Installation >35' To 40', Add	*24.88*	
		For Elevated Installation >40', Add	*27.37*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.93*	
26 05 33 13-0296	EA	3-1/2" x 6" Long, Rigid Galvanized Steel (RGS) Nipple	89.40	28.06
		For Work In Restricted Working Space, Add	*16.84*	
		For Elevated Installation >10' To 15', Add	*5.61*	
		For Elevated Installation >15' To 20', Add	*11.22*	
		For Elevated Installation >20' To 25', Add	*14.03*	
		For Elevated Installation >25' To 30', Add	*19.64*	
		For Elevated Installation >30' To 35', Add	*22.45*	
		For Elevated Installation >35' To 40', Add	*28.06*	
		For Elevated Installation >40', Add	*30.87*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.84*	
26 05 33 13-0297	EA	4" x 6" Long, Rigid Galvanized Steel (RGS) Nipple	110.85	36.53
		For Work In Restricted Working Space, Add	*21.92*	
		For Elevated Installation >10' To 15', Add	*7.31*	
		For Elevated Installation >15' To 20', Add	*14.61*	
		For Elevated Installation >20' To 25', Add	*18.26*	
		For Elevated Installation >25' To 30', Add	*25.57*	
		For Elevated Installation >30' To 35', Add	*29.22*	
		For Elevated Installation >35' To 40', Add	*36.53*	
		For Elevated Installation >40', Add	*40.18*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.92*	
26 05 33 13-0298	EA	5" x 6" Long, Rigid Galvanized Steel (RGS) Nipple	172.08	50.29
		For Work In Restricted Working Space, Add	*30.18*	
		For Elevated Installation >10' To 15', Add	*10.06*	
		For Elevated Installation >15' To 20', Add	*20.12*	
		For Elevated Installation >20' To 25', Add	*25.15*	
		For Elevated Installation >25' To 30', Add	*35.21*	
		For Elevated Installation >30' To 35', Add	*40.24*	
		For Elevated Installation >35' To 40', Add	*50.30*	
		For Elevated Installation >40', Add	*55.32*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*30.18*	
26 05 33 13-0299	EA	6" x 6" Long, Rigid Galvanized Steel (RGS) Nipple	219.41	64.48
		For Work In Restricted Working Space, Add	*38.72*	
		For Elevated Installation >10' To 15', Add	*12.91*	
		For Elevated Installation >15' To 20', Add	*25.81*	
		For Elevated Installation >20' To 25', Add	*32.26*	
		For Elevated Installation >25' To 30', Add	*45.17*	
		For Elevated Installation >30' To 35', Add	*51.62*	
		For Elevated Installation >35' To 40', Add	*64.53*	
		For Elevated Installation >40', Add	*70.98*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*38.72*	
26 05 33 13-0300	EA	1/2" x 8" Long, Rigid Galvanized Steel (RGS) Nipple	19.15	6.88
		For Work In Restricted Working Space, Add	*4.13*	
		For Elevated Installation >10' To 15', Add	*1.38*	
		For Elevated Installation >15' To 20', Add	*2.75*	
		For Elevated Installation >20' To 25', Add	*3.44*	
		For Elevated Installation >25' To 30', Add	*4.82*	
		For Elevated Installation >30' To 35', Add	*5.51*	
		For Elevated Installation >35' To 40', Add	*6.89*	
		For Elevated Installation >40', Add	*7.57*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0301	EA	3/4" x 8" Long, Rigid Galvanized Steel (RGS) Nipple	22.39	7.94
		For Work In Restricted Working Space, Add	*4.76*	
		For Elevated Installation >10' To 15', Add	*1.59*	
		For Elevated Installation >15' To 20', Add	*3.18*	
		For Elevated Installation >20' To 25', Add	*3.97*	
		For Elevated Installation >25' To 30', Add	*5.56*	
		For Elevated Installation >30' To 35', Add	*6.35*	
		For Elevated Installation >35' To 40', Add	*7.94*	
		For Elevated Installation >40', Add	*8.73*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.76*	
26 05 33 13-0302	EA	1" x 8" Long, Rigid Galvanized Steel (RGS) Nipple	28.36	10.06
		For Work In Restricted Working Space, Add	*6.03*	
		For Elevated Installation >10' To 15', Add	*2.01*	
		For Elevated Installation >15' To 20', Add	*4.02*	
		For Elevated Installation >20' To 25', Add	*5.03*	
		For Elevated Installation >25' To 30', Add	*7.04*	
		For Elevated Installation >30' To 35', Add	*8.04*	
		For Elevated Installation >35' To 40', Add	*10.06*	
		For Elevated Installation >40', Add	*11.06*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.03*	
26 05 33 13-0303	EA	1-1/4" x 8" Long, Rigid Galvanized Steel (RGS) Nipple	34.34	11.65
		For Work In Restricted Working Space, Add	*6.99*	
		For Elevated Installation >10' To 15', Add	*2.33*	
		For Elevated Installation >15' To 20', Add	*4.66*	
		For Elevated Installation >20' To 25', Add	*5.82*	
		For Elevated Installation >25' To 30', Add	*8.15*	
		For Elevated Installation >30' To 35', Add	*9.32*	
		For Elevated Installation >35' To 40', Add	*11.65*	
		For Elevated Installation >40', Add	*12.81*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.99*	
26 05 33 13-0304	EA	1-1/2" x 8" Long, Rigid Galvanized Steel (RGS) Nipple	40.30	13.24
		For Work In Restricted Working Space, Add	*7.94*	
		For Elevated Installation >10' To 15', Add	*2.65*	
		For Elevated Installation >15' To 20', Add	*5.29*	
		For Elevated Installation >20' To 25', Add	*6.62*	
		For Elevated Installation >25' To 30', Add	*9.26*	
		For Elevated Installation >30' To 35', Add	*10.59*	
		For Elevated Installation >35' To 40', Add	*13.24*	
		For Elevated Installation >40', Add	*14.56*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.94*	
26 05 33 13-0305	EA	2" x 8" Long, Rigid Galvanized Steel (RGS) Nipple	46.11	14.82
		For Work In Restricted Working Space, Add	*8.90*	
		For Elevated Installation >10' To 15', Add	*2.97*	
		For Elevated Installation >15' To 20', Add	*5.93*	
		For Elevated Installation >20' To 25', Add	*7.41*	
		For Elevated Installation >25' To 30', Add	*10.38*	
		For Elevated Installation >30' To 35', Add	*11.86*	
		For Elevated Installation >35' To 40', Add	*14.83*	
		For Elevated Installation >40', Add	*16.31*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.90*	
26 05 33 13-0306	EA	2-1/2" x 8" Long, Rigid Galvanized Steel (RGS) Nipple	66.69	18.00
		For Work In Restricted Working Space, Add	*10.80*	
		For Elevated Installation >10' To 15', Add	*3.60*	
		For Elevated Installation >15' To 20', Add	*7.20*	
		For Elevated Installation >20' To 25', Add	*9.00*	
		For Elevated Installation >25' To 30', Add	*12.60*	
		For Elevated Installation >30' To 35', Add	*14.40*	
		For Elevated Installation >35' To 40', Add	*18.00*	
		For Elevated Installation >40', Add	*19.80*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.80*	
26 05 33 13-0307	EA	3" x 8" Long, Rigid Galvanized Steel (RGS) Nipple	86.25	24.89
		For Work In Restricted Working Space, Add	*14.93*	
		For Elevated Installation >10' To 15', Add	*4.98*	
		For Elevated Installation >15' To 20', Add	*9.95*	
		For Elevated Installation >20' To 25', Add	*12.44*	
		For Elevated Installation >25' To 30', Add	*17.42*	
		For Elevated Installation >30' To 35', Add	*19.90*	
		For Elevated Installation >35' To 40', Add	*24.88*	
		For Elevated Installation >40', Add	*27.37*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.93*	
26 05 33 13-0308	EA	3-1/2" x 8" Long, Rigid Galvanized Steel (RGS) Nipple	97.83	28.06
		For Work In Restricted Working Space, Add	*16.84*	
		For Elevated Installation >10' To 15', Add	*5.61*	
		For Elevated Installation >15' To 20', Add	*11.22*	
		For Elevated Installation >20' To 25', Add	*14.03*	
		For Elevated Installation >25' To 30', Add	*19.64*	
		For Elevated Installation >30' To 35', Add	*22.45*	
		For Elevated Installation >35' To 40', Add	*28.06*	
		For Elevated Installation >40', Add	*30.87*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0309	EA	4" x 8" Long, Rigid Galvanized Steel (RGS) Nipple	120.16	36.53
		For Work In Restricted Working Space, Add	*21.92*	
		For Elevated Installation >10' To 15', Add	*7.31*	
		For Elevated Installation >15' To 20', Add	*14.61*	
		For Elevated Installation >20' To 25', Add	*18.26*	
		For Elevated Installation >25' To 30', Add	*25.57*	
		For Elevated Installation >30' To 35', Add	*29.22*	
		For Elevated Installation >35' To 40', Add	*36.53*	
		For Elevated Installation >40', Add	*40.18*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.92*	
26 05 33 13-0310	EA	5" x 8" Long, Rigid Galvanized Steel (RGS) Nipple	185.50	50.29
		For Work In Restricted Working Space, Add	*30.18*	
		For Elevated Installation >10' To 15', Add	*10.06*	
		For Elevated Installation >15' To 20', Add	*20.12*	
		For Elevated Installation >20' To 25', Add	*25.15*	
		For Elevated Installation >25' To 30', Add	*35.21*	
		For Elevated Installation >30' To 35', Add	*40.24*	
		For Elevated Installation >35' To 40', Add	*50.30*	
		For Elevated Installation >40', Add	*55.32*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*30.18*	
26 05 33 13-0311	EA	6" x 8" Long, Rigid Galvanized Steel (RGS) Nipple	234.48	64.48
		For Work In Restricted Working Space, Add	*38.72*	
		For Elevated Installation >10' To 15', Add	*12.91*	
		For Elevated Installation >15' To 20', Add	*25.81*	
		For Elevated Installation >20' To 25', Add	*32.26*	
		For Elevated Installation >25' To 30', Add	*45.17*	
		For Elevated Installation >30' To 35', Add	*51.62*	
		For Elevated Installation >35' To 40', Add	*64.53*	
		For Elevated Installation >40', Add	*70.98*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*38.72*	
26 05 33 13-0312	EA	1/2" x 10" Long, Rigid Galvanized Steel (RGS) Nipple	20.51	6.88
		For Work In Restricted Working Space, Add	*4.13*	
		For Elevated Installation >10' To 15', Add	*1.38*	
		For Elevated Installation >15' To 20', Add	*2.75*	
		For Elevated Installation >20' To 25', Add	*3.44*	
		For Elevated Installation >25' To 30', Add	*4.82*	
		For Elevated Installation >30' To 35', Add	*5.51*	
		For Elevated Installation >35' To 40', Add	*6.89*	
		For Elevated Installation >40', Add	*7.57*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.13*	
26 05 33 13-0313	EA	3/4" x 10" Long, Rigid Galvanized Steel (RGS) Nipple	23.70	7.94
		For Work In Restricted Working Space, Add	*4.76*	
		For Elevated Installation >10' To 15', Add	*1.59*	
		For Elevated Installation >15' To 20', Add	*3.18*	
		For Elevated Installation >20' To 25', Add	*3.97*	
		For Elevated Installation >25' To 30', Add	*5.56*	
		For Elevated Installation >30' To 35', Add	*6.35*	
		For Elevated Installation >35' To 40', Add	*7.94*	
		For Elevated Installation >40', Add	*8.73*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.76*	
26 05 33 13-0314	EA	1" x 10" Long, Rigid Galvanized Steel (RGS) Nipple	30.76	10.06
		For Work In Restricted Working Space, Add	*6.03*	
		For Elevated Installation >10' To 15', Add	*2.01*	
		For Elevated Installation >15' To 20', Add	*4.02*	
		For Elevated Installation >20' To 25', Add	*5.03*	
		For Elevated Installation >25' To 30', Add	*7.04*	
		For Elevated Installation >30' To 35', Add	*8.04*	
		For Elevated Installation >35' To 40', Add	*10.06*	
		For Elevated Installation >40', Add	*11.06*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.03*	
26 05 33 13-0315	EA	1-1/4" x 10" Long, Rigid Galvanized Steel (RGS) Nipple	37.19	11.65
		For Work In Restricted Working Space, Add	*6.99*	
		For Elevated Installation >10' To 15', Add	*2.33*	
		For Elevated Installation >15' To 20', Add	*4.66*	
		For Elevated Installation >20' To 25', Add	*5.82*	
		For Elevated Installation >25' To 30', Add	*8.15*	
		For Elevated Installation >30' To 35', Add	*9.32*	
		For Elevated Installation >35' To 40', Add	*11.65*	
		For Elevated Installation >40', Add	*12.81*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.99*	
26 05 33 13-0316	EA	1-1/2" x 10" Long, Rigid Galvanized Steel (RGS) Nipple	43.11	13.24
		For Work In Restricted Working Space, Add	*7.94*	
		For Elevated Installation >10' To 15', Add	*2.65*	
		For Elevated Installation >15' To 20', Add	*5.29*	
		For Elevated Installation >20' To 25', Add	*6.62*	
		For Elevated Installation >25' To 30', Add	*9.26*	
		For Elevated Installation >30' To 35', Add	*10.59*	
		For Elevated Installation >35' To 40', Add	*13.24*	
		For Elevated Installation >40', Add	*14.56*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.94*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0317	EA	2" x 10" Long, Rigid Galvanized Steel (RGS) Nipple	49.37	14.82
		For Work In Restricted Working Space, Add	*8.90*	
		For Elevated Installation >10' To 15', Add	*2.97*	
		For Elevated Installation >15' To 20', Add	*5.93*	
		For Elevated Installation >20' To 25', Add	*7.41*	
		For Elevated Installation >25' To 30', Add	*10.38*	
		For Elevated Installation >30' To 35', Add	*11.86*	
		For Elevated Installation >35' To 40', Add	*14.83*	
		For Elevated Installation >40', Add	*16.31*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.90*	
26 05 33 13-0318	EA	2-1/2" x 10" Long, Rigid Galvanized Steel (RGS) Nipple	71.63	18.00
		For Work In Restricted Working Space, Add	*10.80*	
		For Elevated Installation >10' To 15', Add	*3.60*	
		For Elevated Installation >15' To 20', Add	*7.20*	
		For Elevated Installation >20' To 25', Add	*9.00*	
		For Elevated Installation >25' To 30', Add	*12.60*	
		For Elevated Installation >30' To 35', Add	*14.40*	
		For Elevated Installation >35' To 40', Add	*18.00*	
		For Elevated Installation >40', Add	*19.80*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.80*	
26 05 33 13-0319	EA	3" x 10" Long, Rigid Galvanized Steel (RGS) Nipple	92.88	24.89
		For Work In Restricted Working Space, Add	*14.93*	
		For Elevated Installation >10' To 15', Add	*4.98*	
		For Elevated Installation >15' To 20', Add	*9.95*	
		For Elevated Installation >20' To 25', Add	*12.44*	
		For Elevated Installation >25' To 30', Add	*17.42*	
		For Elevated Installation >30' To 35', Add	*19.90*	
		For Elevated Installation >35' To 40', Add	*24.88*	
		For Elevated Installation >40', Add	*27.37*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.93*	
26 05 33 13-0320	EA	3-1/2" x 10" Long, Rigid Galvanized Steel (RGS) Nipple	106.57	28.06
		For Work In Restricted Working Space, Add	*16.84*	
		For Elevated Installation >10' To 15', Add	*5.61*	
		For Elevated Installation >15' To 20', Add	*11.22*	
		For Elevated Installation >20' To 25', Add	*14.03*	
		For Elevated Installation >25' To 30', Add	*19.64*	
		For Elevated Installation >30' To 35', Add	*22.45*	
		For Elevated Installation >35' To 40', Add	*28.06*	
		For Elevated Installation >40', Add	*30.87*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.84*	
26 05 33 13-0321	EA	4" x 10" Long, Rigid Galvanized Steel (RGS) Nipple	131.23	36.53
		For Work In Restricted Working Space, Add	*21.92*	
		For Elevated Installation >10' To 15', Add	*7.31*	
		For Elevated Installation >15' To 20', Add	*14.61*	
		For Elevated Installation >20' To 25', Add	*18.26*	
		For Elevated Installation >25' To 30', Add	*25.57*	
		For Elevated Installation >30' To 35', Add	*29.22*	
		For Elevated Installation >35' To 40', Add	*36.53*	
		For Elevated Installation >40', Add	*40.18*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.92*	
26 05 33 13-0322	EA	5" x 10" Long, Rigid Galvanized Steel (RGS) Nipple	200.14	50.29
		For Work In Restricted Working Space, Add	*30.18*	
		For Elevated Installation >10' To 15', Add	*10.06*	
		For Elevated Installation >15' To 20', Add	*20.12*	
		For Elevated Installation >20' To 25', Add	*25.15*	
		For Elevated Installation >25' To 30', Add	*35.21*	
		For Elevated Installation >30' To 35', Add	*40.24*	
		For Elevated Installation >35' To 40', Add	*50.30*	
		For Elevated Installation >40', Add	*55.32*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*30.18*	
26 05 33 13-0323	EA	6" x 10" Long, Rigid Galvanized Steel (RGS) Nipple	260.81	64.48
		For Work In Restricted Working Space, Add	*38.72*	
		For Elevated Installation >10' To 15', Add	*12.91*	
		For Elevated Installation >15' To 20', Add	*25.81*	
		For Elevated Installation >20' To 25', Add	*32.26*	
		For Elevated Installation >25' To 30', Add	*45.17*	
		For Elevated Installation >30' To 35', Add	*51.62*	
		For Elevated Installation >35' To 40', Add	*64.53*	
		For Elevated Installation >40', Add	*70.98*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*38.72*	
26 05 33 13-0324	EA	1/2" x 12" Long, Rigid Galvanized Steel (RGS) Nipple	21.53	6.88
		For Work In Restricted Working Space, Add	*4.13*	
		For Elevated Installation >10' To 15', Add	*1.38*	
		For Elevated Installation >15' To 20', Add	*2.75*	
		For Elevated Installation >20' To 25', Add	*3.44*	
		For Elevated Installation >25' To 30', Add	*4.82*	
		For Elevated Installation >30' To 35', Add	*5.51*	
		For Elevated Installation >35' To 40', Add	*6.89*	
		For Elevated Installation >40', Add	*7.57*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0325	EA	3/4" x 12" Long, Rigid Galvanized Steel (RGS) Nipple	24.67	7.94
		For Work In Restricted Working Space, Add	*4.76*	
		For Elevated Installation >10' To 15', Add	*1.59*	
		For Elevated Installation >15' To 20', Add	*3.18*	
		For Elevated Installation >20' To 25', Add	*3.97*	
		For Elevated Installation >25' To 30', Add	*5.56*	
		For Elevated Installation >30' To 35', Add	*6.35*	
		For Elevated Installation >35' To 40', Add	*7.94*	
		For Elevated Installation >40', Add	*8.73*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.76*	
26 05 33 13-0326	EA	1" x 12" Long, Rigid Galvanized Steel (RGS) Nipple	32.20	10.06
		For Work In Restricted Working Space, Add	*6.03*	
		For Elevated Installation >10' To 15', Add	*2.01*	
		For Elevated Installation >15' To 20', Add	*4.02*	
		For Elevated Installation >20' To 25', Add	*5.03*	
		For Elevated Installation >25' To 30', Add	*7.04*	
		For Elevated Installation >30' To 35', Add	*8.04*	
		For Elevated Installation >35' To 40', Add	*10.06*	
		For Elevated Installation >40', Add	*11.06*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.03*	
26 05 33 13-0327	EA	1-1/4" x 12" Long, Rigid Galvanized Steel (RGS) Nipple	39.47	11.65
		For Work In Restricted Working Space, Add	*6.99*	
		For Elevated Installation >10' To 15', Add	*2.33*	
		For Elevated Installation >15' To 20', Add	*4.66*	
		For Elevated Installation >20' To 25', Add	*5.82*	
		For Elevated Installation >25' To 30', Add	*8.15*	
		For Elevated Installation >30' To 35', Add	*9.32*	
		For Elevated Installation >35' To 40', Add	*11.65*	
		For Elevated Installation >40', Add	*12.81*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.99*	
26 05 33 13-0328	EA	1-1/2" x 12" Long, Rigid Galvanized Steel (RGS) Nipple	44.52	13.24
		For Work In Restricted Working Space, Add	*7.94*	
		For Elevated Installation >10' To 15', Add	*2.65*	
		For Elevated Installation >15' To 20', Add	*5.29*	
		For Elevated Installation >20' To 25', Add	*6.62*	
		For Elevated Installation >25' To 30', Add	*9.26*	
		For Elevated Installation >30' To 35', Add	*10.59*	
		For Elevated Installation >35' To 40', Add	*13.24*	
		For Elevated Installation >40', Add	*14.56*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.94*	
26 05 33 13-0329	EA	2" x 12" Long, Rigid Galvanized Steel (RGS) Nipple	52.10	14.82
		For Work In Restricted Working Space, Add	*8.90*	
		For Elevated Installation >10' To 15', Add	*2.97*	
		For Elevated Installation >15' To 20', Add	*5.93*	
		For Elevated Installation >20' To 25', Add	*7.41*	
		For Elevated Installation >25' To 30', Add	*10.38*	
		For Elevated Installation >30' To 35', Add	*11.86*	
		For Elevated Installation >35' To 40', Add	*14.83*	
		For Elevated Installation >40', Add	*16.31*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.90*	
26 05 33 13-0330	EA	2-1/2" x 12" Long, Rigid Galvanized Steel (RGS) Nipple	77.44	18.00
		For Work In Restricted Working Space, Add	*10.80*	
		For Elevated Installation >10' To 15', Add	*3.60*	
		For Elevated Installation >15' To 20', Add	*7.20*	
		For Elevated Installation >20' To 25', Add	*9.00*	
		For Elevated Installation >25' To 30', Add	*12.60*	
		For Elevated Installation >30' To 35', Add	*14.40*	
		For Elevated Installation >35' To 40', Add	*18.00*	
		For Elevated Installation >40', Add	*19.80*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.80*	
26 05 33 13-0331	EA	3" x 12" Long, Rigid Galvanized Steel (RGS) Nipple	102.12	24.89
		For Work In Restricted Working Space, Add	*14.93*	
		For Elevated Installation >10' To 15', Add	*4.98*	
		For Elevated Installation >15' To 20', Add	*9.95*	
		For Elevated Installation >20' To 25', Add	*12.44*	
		For Elevated Installation >25' To 30', Add	*17.42*	
		For Elevated Installation >30' To 35', Add	*19.90*	
		For Elevated Installation >35' To 40', Add	*24.88*	
		For Elevated Installation >40', Add	*27.37*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.93*	
26 05 33 13-0332	EA	3-1/2" x 12" Long, Rigid Galvanized Steel (RGS) Nipple	115.08	28.06
		For Work In Restricted Working Space, Add	*16.84*	
		For Elevated Installation >10' To 15', Add	*5.61*	
		For Elevated Installation >15' To 20', Add	*11.22*	
		For Elevated Installation >20' To 25', Add	*14.03*	
		For Elevated Installation >25' To 30', Add	*19.64*	
		For Elevated Installation >30' To 35', Add	*22.45*	
		For Elevated Installation >35' To 40', Add	*28.06*	
		For Elevated Installation >40', Add	*30.87*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0333	EA	4" x 12" Long, Rigid Galvanized Steel (RGS) Nipple	142.32	36.53
		For Work In Restricted Working Space, Add	*21.92*	
		For Elevated Installation >10' To 15', Add	*7.31*	
		For Elevated Installation >15' To 20', Add	*14.61*	
		For Elevated Installation >20' To 25', Add	*18.26*	
		For Elevated Installation >25' To 30', Add	*25.57*	
		For Elevated Installation >30' To 35', Add	*29.22*	
		For Elevated Installation >35' To 40', Add	*36.53*	
		For Elevated Installation >40', Add	*40.18*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.92*	
26 05 33 13-0334	EA	5" x 12" Long, Rigid Galvanized Steel (RGS) Nipple	221.18	50.29
		For Work In Restricted Working Space, Add	*30.18*	
		For Elevated Installation >10' To 15', Add	*10.06*	
		For Elevated Installation >15' To 20', Add	*20.12*	
		For Elevated Installation >20' To 25', Add	*25.15*	
		For Elevated Installation >25' To 30', Add	*35.21*	
		For Elevated Installation >30' To 35', Add	*40.24*	
		For Elevated Installation >35' To 40', Add	*50.30*	
		For Elevated Installation >40', Add	*55.32*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*30.18*	
26 05 33 13-0335	EA	6" x 12" Long, Rigid Galvanized Steel (RGS) Nipple	275.45	64.48
		For Work In Restricted Working Space, Add	*38.72*	
		For Elevated Installation >10' To 15', Add	*12.91*	
		For Elevated Installation >15' To 20', Add	*25.81*	
		For Elevated Installation >20' To 25', Add	*32.26*	
		For Elevated Installation >25' To 30', Add	*45.17*	
		For Elevated Installation >30' To 35', Add	*51.62*	
		For Elevated Installation >35' To 40', Add	*64.53*	
		For Elevated Installation >40', Add	*70.98*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*38.72*	

26 05 33 13-0336 Rigid Galvanized Steel (RGS) Off-Set Nipples *(26 05 33 13-0060)*

26 05 33 13-0337	EA	1/2" Rigid Galvanized Steel (RGS) Off-Set Nipple	16.28	5.50
		For Work In Restricted Working Space, Add	*4.16*	
		For Elevated Installation >10' To 15', Add	*1.39*	
		For Elevated Installation >15' To 20', Add	*2.77*	
		For Elevated Installation >20' To 25', Add	*3.47*	
		For Elevated Installation >25' To 30', Add	*4.85*	
		For Elevated Installation >30' To 35', Add	*5.55*	
		For Elevated Installation >35' To 40', Add	*6.94*	
		For Elevated Installation >40', Add	*7.63*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.16*	
26 05 33 13-0338	EA	3/4" Rigid Galvanized Steel (RGS) Off-Set Nipple	19.47	6.36
		For Work In Restricted Working Space, Add	*4.74*	
		For Elevated Installation >10' To 15', Add	*1.58*	
		For Elevated Installation >15' To 20', Add	*3.16*	
		For Elevated Installation >20' To 25', Add	*3.95*	
		For Elevated Installation >25' To 30', Add	*5.53*	
		For Elevated Installation >30' To 35', Add	*6.32*	
		For Elevated Installation >35' To 40', Add	*7.90*	
		For Elevated Installation >40', Add	*8.68*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.74*	
26 05 33 13-0339	EA	1" Rigid Galvanized Steel (RGS) Off-Set Nipple	24.41	8.05
		For Work In Restricted Working Space, Add	*6.06*	
		For Elevated Installation >10' To 15', Add	*2.02*	
		For Elevated Installation >15' To 20', Add	*4.04*	
		For Elevated Installation >20' To 25', Add	*5.05*	
		For Elevated Installation >25' To 30', Add	*7.07*	
		For Elevated Installation >30' To 35', Add	*8.08*	
		For Elevated Installation >35' To 40', Add	*10.10*	
		For Elevated Installation >40', Add	*11.11*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.06*	
26 05 33 13-0340	EA	1-1/4" Rigid Galvanized Steel (RGS) Off-Set Nipple, Insulated	31.00	9.64
		For Work In Restricted Working Space, Add	*7.26*	
		For Elevated Installation >10' To 15', Add	*2.42*	
		For Elevated Installation >15' To 20', Add	*4.84*	
		For Elevated Installation >20' To 25', Add	*6.05*	
		For Elevated Installation >25' To 30', Add	*8.47*	
		For Elevated Installation >30' To 35', Add	*9.68*	
		For Elevated Installation >35' To 40', Add	*12.11*	
		For Elevated Installation >40', Add	*13.32*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.26*	
26 05 33 13-0341	EA	1-1/2" Rigid Galvanized Steel (RGS) Off-Set Nipple, Insulated	33.94	10.59
		For Work In Restricted Working Space, Add	*7.95*	
		For Elevated Installation >10' To 15', Add	*2.65*	
		For Elevated Installation >15' To 20', Add	*5.30*	
		For Elevated Installation >20' To 25', Add	*6.62*	
		For Elevated Installation >25' To 30', Add	*9.27*	
		For Elevated Installation >30' To 35', Add	*10.60*	
		For Elevated Installation >35' To 40', Add	*13.25*	
		For Elevated Installation >40', Add	*14.57*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.95*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0342	EA	2" Rigid Galvanized Steel (RGS) Off-Set Nipple, Insulated	44.48	13.02
		For Work In Restricted Working Space, Add	*9.79*	
		For Elevated Installation >10' To 15', Add	*3.26*	
		For Elevated Installation >15' To 20', Add	*6.53*	
		For Elevated Installation >20' To 25', Add	*8.16*	
		For Elevated Installation >25' To 30', Add	*11.42*	
		For Elevated Installation >30' To 35', Add	*13.06*	
		For Elevated Installation >35' To 40', Add	*16.32*	
		For Elevated Installation >40', Add	*17.95*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.79*	
26 05 33 13-0343	EA	2-1/2" Rigid Galvanized Steel (RGS) Off-Set Nipple, Insulated	72.67	21.18
		For Work In Restricted Working Space, Add	*15.88*	
		For Elevated Installation >10' To 15', Add	*5.29*	
		For Elevated Installation >15' To 20', Add	*10.59*	
		For Elevated Installation >20' To 25', Add	*13.24*	
		For Elevated Installation >25' To 30', Add	*18.53*	
		For Elevated Installation >30' To 35', Add	*21.18*	
		For Elevated Installation >35' To 40', Add	*26.47*	
		For Elevated Installation >40', Add	*29.12*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.88*	
26 05 33 13-0344	EA	3" Rigid Galvanized Steel (RGS) Off-Set Nipple, Insulated	117.86	29.23
		For Work In Restricted Working Space, Add	*21.92*	
		For Elevated Installation >10' To 15', Add	*7.31*	
		For Elevated Installation >15' To 20', Add	*14.61*	
		For Elevated Installation >20' To 25', Add	*18.27*	
		For Elevated Installation >25' To 30', Add	*25.57*	
		For Elevated Installation >30' To 35', Add	*29.22*	
		For Elevated Installation >35' To 40', Add	*36.53*	
		For Elevated Installation >40', Add	*40.18*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.92*	
26 05 33 13-0345	EA	3-1/2" Rigid Galvanized Steel (RGS) Off-Set Nipple, Insulated	146.32	34.52
		For Work In Restricted Working Space, Add	*25.75*	
		For Elevated Installation >10' To 15', Add	*8.58*	
		For Elevated Installation >15' To 20', Add	*17.16*	
		For Elevated Installation >20' To 25', Add	*21.46*	
		For Elevated Installation >25' To 30', Add	*30.04*	
		For Elevated Installation >30' To 35', Add	*34.33*	
		For Elevated Installation >35' To 40', Add	*42.91*	
		For Elevated Installation >40', Add	*47.20*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*25.75*	
26 05 33 13-0346	EA	4" Rigid Galvanized Steel (RGS) Off-Set Nipple, Insulated	175.64	39.82
		For Work In Restricted Working Space, Add	*29.86*	
		For Elevated Installation >10' To 15', Add	*9.95*	
		For Elevated Installation >15' To 20', Add	*19.91*	
		For Elevated Installation >20' To 25', Add	*24.89*	
		For Elevated Installation >25' To 30', Add	*34.84*	
		For Elevated Installation >30' To 35', Add	*39.82*	
		For Elevated Installation >35' To 40', Add	*49.77*	
		For Elevated Installation >40', Add	*54.75*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*29.86*	

26 05 33 13-0347 Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling *(26 05 33 13-0060)*

Note: Erickson fittings.

26 05 33 13-0348	EA	1/2" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson)	45.04	16.94
		For Work In Restricted Working Space, Add	*12.72*	
		For Elevated Installation >10' To 15', Add	*4.24*	
		For Elevated Installation >15' To 20', Add	*8.48*	
		For Elevated Installation >20' To 25', Add	*10.60*	
		For Elevated Installation >25' To 30', Add	*14.84*	
		For Elevated Installation >30' To 35', Add	*16.96*	
		For Elevated Installation >35' To 40', Add	*21.20*	
		For Elevated Installation >40', Add	*23.32*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.72*	
26 05 33 13-0349	EA	3/4" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson)	50.72	18.95
		For Work In Restricted Working Space, Add	*14.20*	
		For Elevated Installation >10' To 15', Add	*4.73*	
		For Elevated Installation >15' To 20', Add	*9.47*	
		For Elevated Installation >20' To 25', Add	*11.83*	
		For Elevated Installation >25' To 30', Add	*16.57*	
		For Elevated Installation >30' To 35', Add	*18.93*	
		For Elevated Installation >35' To 40', Add	*23.67*	
		For Elevated Installation >40', Add	*26.03*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.20*	
26 05 33 13-0350	EA	1" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson)	58.98	21.08
		For Work In Restricted Working Space, Add	*15.82*	
		For Elevated Installation >10' To 15', Add	*5.27*	
		For Elevated Installation >15' To 20', Add	*10.54*	
		For Elevated Installation >20' To 25', Add	*13.18*	
		For Elevated Installation >25' To 30', Add	*18.45*	
		For Elevated Installation >30' To 35', Add	*21.09*	
		For Elevated Installation >35' To 40', Add	*26.36*	
		For Elevated Installation >40', Add	*29.00*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0351	EA	1-1/4" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson)	71.03	23.08
		For Work In Restricted Working Space, Add	*17.31*	
		For Elevated Installation >10' To 15', Add	*5.77*	
		For Elevated Installation >15' To 20', Add	*11.54*	
		For Elevated Installation >20' To 25', Add	*14.42*	
		For Elevated Installation >25' To 30', Add	*20.19*	
		For Elevated Installation >30' To 35', Add	*23.08*	
		For Elevated Installation >35' To 40', Add	*28.85*	
		For Elevated Installation >40', Add	*31.73*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.31*	
26 05 33 13-0352	EA	1-1/2" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson)	79.11	25.20
		For Work In Restricted Working Space, Add	*18.94*	
		For Elevated Installation >10' To 15', Add	*6.31*	
		For Elevated Installation >15' To 20', Add	*12.62*	
		For Elevated Installation >20' To 25', Add	*15.78*	
		For Elevated Installation >25' To 30', Add	*22.09*	
		For Elevated Installation >30' To 35', Add	*25.25*	
		For Elevated Installation >35' To 40', Add	*31.56*	
		For Elevated Installation >40', Add	*34.72*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.94*	
26 05 33 13-0353	EA	2" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson)	100.37	27.32
		For Work In Restricted Working Space, Add	*20.51*	
		For Elevated Installation >10' To 15', Add	*6.84*	
		For Elevated Installation >15' To 20', Add	*13.67*	
		For Elevated Installation >20' To 25', Add	*17.09*	
		For Elevated Installation >25' To 30', Add	*23.92*	
		For Elevated Installation >30' To 35', Add	*27.34*	
		For Elevated Installation >35' To 40', Add	*34.18*	
		For Elevated Installation >40', Add	*37.59*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.51*	
26 05 33 13-0354	EA	2-1/2" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson)	158.89	33.88
		For Work In Restricted Working Space, Add	*25.41*	
		For Elevated Installation >10' To 15', Add	*8.47*	
		For Elevated Installation >15' To 20', Add	*16.94*	
		For Elevated Installation >20' To 25', Add	*21.18*	
		For Elevated Installation >25' To 30', Add	*29.65*	
		For Elevated Installation >30' To 35', Add	*33.88*	
		For Elevated Installation >35' To 40', Add	*42.36*	
		For Elevated Installation >40', Add	*46.59*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*25.41*	
26 05 33 13-0355	EA	3" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson)	218.48	42.35
		For Work In Restricted Working Space, Add	*31.77*	
		For Elevated Installation >10' To 15', Add	*10.59*	
		For Elevated Installation >15' To 20', Add	*21.18*	
		For Elevated Installation >20' To 25', Add	*26.47*	
		For Elevated Installation >25' To 30', Add	*37.06*	
		For Elevated Installation >30' To 35', Add	*42.36*	
		For Elevated Installation >35' To 40', Add	*52.95*	
		For Elevated Installation >40', Add	*58.24*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*31.77*	
26 05 33 13-0356	EA	3-1/2" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson)	314.64	50.83
		For Work In Restricted Working Space, Add	*38.13*	
		For Elevated Installation >10' To 15', Add	*12.71*	
		For Elevated Installation >15' To 20', Add	*25.42*	
		For Elevated Installation >20' To 25', Add	*31.78*	
		For Elevated Installation >25' To 30', Add	*44.49*	
		For Elevated Installation >30' To 35', Add	*50.84*	
		For Elevated Installation >35' To 40', Add	*63.56*	
		For Elevated Installation >40', Add	*69.91*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*38.13*	
26 05 33 13-0357	EA	4" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson)	358.18	55.07
		For Work In Restricted Working Space, Add	*41.29*	
		For Elevated Installation >10' To 15', Add	*13.76*	
		For Elevated Installation >15' To 20', Add	*27.53*	
		For Elevated Installation >20' To 25', Add	*34.41*	
		For Elevated Installation >25' To 30', Add	*48.17*	
		For Elevated Installation >30' To 35', Add	*55.06*	
		For Elevated Installation >35' To 40', Add	*68.82*	
		For Elevated Installation >40', Add	*75.70*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*41.29*	
26 05 33 13-0358	EA	5" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson)	622.02	67.77
		For Work In Restricted Working Space, Add	*50.82*	
		For Elevated Installation >10' To 15', Add	*16.94*	
		For Elevated Installation >15' To 20', Add	*33.88*	
		For Elevated Installation >20' To 25', Add	*42.35*	
		For Elevated Installation >25' To 30', Add	*59.29*	
		For Elevated Installation >30' To 35', Add	*67.76*	
		For Elevated Installation >35' To 40', Add	*84.70*	
		For Elevated Installation >40', Add	*93.17*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*50.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0359	EA	6" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson)	799.17	78.36
		For Work In Restricted Working Space, Add	*58.76*	
		For Elevated Installation >10' To 15', Add	*19.59*	
		For Elevated Installation >15' To 20', Add	*39.17*	
		For Elevated Installation >20' To 25', Add	*48.97*	
		For Elevated Installation >25' To 30', Add	*68.55*	
		For Elevated Installation >30' To 35', Add	*78.35*	
		For Elevated Installation >35' To 40', Add	*97.94*	
		For Elevated Installation >40', Add	*107.73*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*58.76*	

26 05 33 13-0360 Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connectors *(26 05 33 13-0060)*

26 05 33 13-0361	EA	1/2" Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connector	27.64	8.47
		For Work In Restricted Working Space, Add	*6.35*	
		For Elevated Installation >10' To 15', Add	*2.12*	
		For Elevated Installation >15' To 20', Add	*4.24*	
		For Elevated Installation >20' To 25', Add	*5.30*	
		For Elevated Installation >25' To 30', Add	*7.41*	
		For Elevated Installation >30' To 35', Add	*8.47*	
		For Elevated Installation >35' To 40', Add	*10.59*	
		For Elevated Installation >40', Add	*11.65*	
26 05 33 13-0362	EA	3/4" Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connector	30.93	9.31
		For Work In Restricted Working Space, Add	*6.99*	
		For Elevated Installation >10' To 15', Add	*2.33*	
		For Elevated Installation >15' To 20', Add	*4.66*	
		For Elevated Installation >20' To 25', Add	*5.82*	
		For Elevated Installation >25' To 30', Add	*8.15*	
		For Elevated Installation >30' To 35', Add	*9.32*	
		For Elevated Installation >35' To 40', Add	*11.65*	
		For Elevated Installation >40', Add	*12.81*	
26 05 33 13-0363	EA	1" Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connector	35.57	10.59
		For Work In Restricted Working Space, Add	*7.94*	
		For Elevated Installation >10' To 15', Add	*2.65*	
		For Elevated Installation >15' To 20', Add	*5.29*	
		For Elevated Installation >20' To 25', Add	*6.62*	
		For Elevated Installation >25' To 30', Add	*9.26*	
		For Elevated Installation >30' To 35', Add	*10.59*	
		For Elevated Installation >35' To 40', Add	*13.24*	
		For Elevated Installation >40', Add	*14.56*	
26 05 33 13-0364	EA	1-1/4" Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connector	40.60	11.44
		For Work In Restricted Working Space, Add	*8.58*	
		For Elevated Installation >10' To 15', Add	*2.86*	
		For Elevated Installation >15' To 20', Add	*5.72*	
		For Elevated Installation >20' To 25', Add	*7.15*	
		For Elevated Installation >25' To 30', Add	*10.01*	
		For Elevated Installation >30' To 35', Add	*11.44*	
		For Elevated Installation >35' To 40', Add	*14.30*	
		For Elevated Installation >40', Add	*15.72*	
26 05 33 13-0365	EA	1-1/2" Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connector	48.50	12.70
		For Work In Restricted Working Space, Add	*9.53*	
		For Elevated Installation >10' To 15', Add	*3.18*	
		For Elevated Installation >15' To 20', Add	*6.35*	
		For Elevated Installation >20' To 25', Add	*7.94*	
		For Elevated Installation >25' To 30', Add	*11.12*	
		For Elevated Installation >30' To 35', Add	*12.70*	
		For Elevated Installation >35' To 40', Add	*15.88*	
		For Elevated Installation >40', Add	*17.47*	
26 05 33 13-0366	EA	2" Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connector	59.69	13.98
		For Work In Restricted Working Space, Add	*10.48*	
		For Elevated Installation >10' To 15', Add	*3.49*	
		For Elevated Installation >15' To 20', Add	*6.99*	
		For Elevated Installation >20' To 25', Add	*8.74*	
		For Elevated Installation >25' To 30', Add	*12.23*	
		For Elevated Installation >30' To 35', Add	*13.98*	
		For Elevated Installation >35' To 40', Add	*17.47*	
		For Elevated Installation >40', Add	*19.22*	
26 05 33 13-0367	EA	2-1/2" Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connector	82.03	16.94
		For Work In Restricted Working Space, Add	*12.71*	
		For Elevated Installation >10' To 15', Add	*4.24*	
		For Elevated Installation >15' To 20', Add	*8.47*	
		For Elevated Installation >20' To 25', Add	*10.59*	
		For Elevated Installation >25' To 30', Add	*14.82*	
		For Elevated Installation >30' To 35', Add	*16.94*	
		For Elevated Installation >35' To 40', Add	*21.18*	
		For Elevated Installation >40', Add	*23.29*	
26 05 33 13-0368	EA	3" Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connector	101.35	21.18
		For Work In Restricted Working Space, Add	*15.88*	
		For Elevated Installation >10' To 15', Add	*5.29*	
		For Elevated Installation >15' To 20', Add	*10.59*	
		For Elevated Installation >20' To 25', Add	*13.24*	
		For Elevated Installation >25' To 30', Add	*18.53*	
		For Elevated Installation >30' To 35', Add	*21.18*	
		For Elevated Installation >35' To 40', Add	*26.47*	
		For Elevated Installation >40', Add	*29.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0369	EA	3-1/2" Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connector	121.77	25.42
		For Work In Restricted Working Space, Add	*19.06*	
		For Elevated Installation >10' To 15', Add	*6.35*	
		For Elevated Installation >15' To 20', Add	*12.71*	
		For Elevated Installation >20' To 25', Add	*15.88*	
		For Elevated Installation >25' To 30', Add	*22.24*	
		For Elevated Installation >30' To 35', Add	*25.41*	
		For Elevated Installation >35' To 40', Add	*31.77*	
		For Elevated Installation >40', Add	*34.94*	
26 05 33 13-0370	EA	4" Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connector	137.99	27.53
		For Work In Restricted Working Space, Add	*20.65*	
		For Elevated Installation >10' To 15', Add	*6.88*	
		For Elevated Installation >15' To 20', Add	*13.77*	
		For Elevated Installation >20' To 25', Add	*17.21*	
		For Elevated Installation >25' To 30', Add	*24.09*	
		For Elevated Installation >30' To 35', Add	*27.53*	
		For Elevated Installation >35' To 40', Add	*34.42*	
		For Elevated Installation >40', Add	*37.86*	

26 05 33 13-0371 Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs *(26 05 33 13-0060)*

26 05 33 13-0372	EA	1/2" Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs	23.72	9.53
		For Work In Restricted Working Space, Add	*5.72*	
		For Elevated Installation >10' To 15', Add	*1.91*	
		For Elevated Installation >15' To 20', Add	*3.81*	
		For Elevated Installation >20' To 25', Add	*4.77*	
		For Elevated Installation >25' To 30', Add	*6.67*	
		For Elevated Installation >30' To 35', Add	*7.62*	
		For Elevated Installation >35' To 40', Add	*9.53*	
		For Elevated Installation >40', Add	*10.48*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.72*	
26 05 33 13-0373	EA	3/4" Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs	26.44	10.59
		For Work In Restricted Working Space, Add	*6.35*	
		For Elevated Installation >10' To 15', Add	*2.12*	
		For Elevated Installation >15' To 20', Add	*4.24*	
		For Elevated Installation >20' To 25', Add	*5.30*	
		For Elevated Installation >25' To 30', Add	*7.41*	
		For Elevated Installation >30' To 35', Add	*8.47*	
		For Elevated Installation >35' To 40', Add	*10.59*	
		For Elevated Installation >40', Add	*11.65*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.35*	
26 05 33 13-0374	EA	1" Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs	32.64	13.24
		For Work In Restricted Working Space, Add	*7.94*	
		For Elevated Installation >10' To 15', Add	*2.65*	
		For Elevated Installation >15' To 20', Add	*5.29*	
		For Elevated Installation >20' To 25', Add	*6.62*	
		For Elevated Installation >25' To 30', Add	*9.26*	
		For Elevated Installation >30' To 35', Add	*10.59*	
		For Elevated Installation >35' To 40', Add	*13.24*	
		For Elevated Installation >40', Add	*14.56*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.94*	
26 05 33 13-0375	EA	1-1/4" Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs	40.14	15.88
		For Work In Restricted Working Space, Add	*9.53*	
		For Elevated Installation >10' To 15', Add	*3.18*	
		For Elevated Installation >15' To 20', Add	*6.35*	
		For Elevated Installation >20' To 25', Add	*7.94*	
		For Elevated Installation >25' To 30', Add	*11.12*	
		For Elevated Installation >30' To 35', Add	*12.70*	
		For Elevated Installation >35' To 40', Add	*15.88*	
		For Elevated Installation >40', Add	*17.47*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.53*	
26 05 33 13-0376	EA	1-1/2" Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs	51.56	21.18
		For Work In Restricted Working Space, Add	*12.71*	
		For Elevated Installation >10' To 15', Add	*4.24*	
		For Elevated Installation >15' To 20', Add	*8.47*	
		For Elevated Installation >20' To 25', Add	*10.59*	
		For Elevated Installation >25' To 30', Add	*14.82*	
		For Elevated Installation >30' To 35', Add	*16.94*	
		For Elevated Installation >35' To 40', Add	*21.18*	
		For Elevated Installation >40', Add	*23.29*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.71*	
26 05 33 13-0377	EA	2" Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs	59.96	23.82
		For Work In Restricted Working Space, Add	*14.30*	
		For Elevated Installation >10' To 15', Add	*4.77*	
		For Elevated Installation >15' To 20', Add	*9.53*	
		For Elevated Installation >20' To 25', Add	*11.91*	
		For Elevated Installation >25' To 30', Add	*16.68*	
		For Elevated Installation >30' To 35', Add	*19.06*	
		For Elevated Installation >35' To 40', Add	*23.83*	
		For Elevated Installation >40', Add	*26.21*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0378	EA	2-1/2" Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs	73.84	26.47
		For Work In Restricted Working Space, Add	*15.88*	
		For Elevated Installation >10' To 15', Add	*5.29*	
		For Elevated Installation >15' To 20', Add	*10.59*	
		For Elevated Installation >20' To 25', Add	*13.24*	
		For Elevated Installation >25' To 30', Add	*18.53*	
		For Elevated Installation >30' To 35', Add	*21.18*	
		For Elevated Installation >35' To 40', Add	*26.47*	
		For Elevated Installation >40', Add	*29.12*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.88*	
26 05 33 13-0379	EA	3" Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs	99.47	33.36
		For Work In Restricted Working Space, Add	*20.01*	
		For Elevated Installation >10' To 15', Add	*6.67*	
		For Elevated Installation >15' To 20', Add	*13.34*	
		For Elevated Installation >20' To 25', Add	*16.68*	
		For Elevated Installation >25' To 30', Add	*23.35*	
		For Elevated Installation >30' To 35', Add	*26.68*	
		For Elevated Installation >35' To 40', Add	*33.36*	
		For Elevated Installation >40', Add	*36.69*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.01*	
26 05 33 13-0380	EA	3-1/2" Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs	118.08	40.24
		For Work In Restricted Working Space, Add	*24.14*	
		For Elevated Installation >10' To 15', Add	*8.05*	
		For Elevated Installation >15' To 20', Add	*16.09*	
		For Elevated Installation >20' To 25', Add	*20.12*	
		For Elevated Installation >25' To 30', Add	*28.16*	
		For Elevated Installation >30' To 35', Add	*32.19*	
		For Elevated Installation >35' To 40', Add	*40.24*	
		For Elevated Installation >40', Add	*44.26*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*24.14*	
26 05 33 13-0381	EA	4" Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs	144.89	47.65
		For Work In Restricted Working Space, Add	*28.59*	
		For Elevated Installation >10' To 15', Add	*9.53*	
		For Elevated Installation >15' To 20', Add	*19.06*	
		For Elevated Installation >20' To 25', Add	*23.83*	
		For Elevated Installation >25' To 30', Add	*33.36*	
		For Elevated Installation >30' To 35', Add	*38.12*	
		For Elevated Installation >35' To 40', Add	*47.65*	
		For Elevated Installation >40', Add	*52.42*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*28.59*	

26 05 33 13-0382 Rigid Galvanized Steel (RGS) Expansion Fittings, 4" Conduit Movement *(26 05 33 13-0060)*

Note: Type AX

26 05 33 13-0383	EA	1/2" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement	96.44	16.94
		For Work In Restricted Working Space, Add	*12.71*	
		For Elevated Installation >10' To 15', Add	*4.24*	
		For Elevated Installation >15' To 20', Add	*8.47*	
		For Elevated Installation >20' To 25', Add	*10.59*	
		For Elevated Installation >25' To 30', Add	*14.83*	
		For Elevated Installation >30' To 35', Add	*16.94*	
		For Elevated Installation >35' To 40', Add	*21.18*	
		For Elevated Installation >40', Add	*23.30*	
26 05 33 13-0384	EA	3/4" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement	109.39	19.06
		For Work In Restricted Working Space, Add	*14.30*	
		For Elevated Installation >10' To 15', Add	*4.77*	
		For Elevated Installation >15' To 20', Add	*9.53*	
		For Elevated Installation >20' To 25', Add	*11.91*	
		For Elevated Installation >25' To 30', Add	*16.68*	
		For Elevated Installation >30' To 35', Add	*19.06*	
		For Elevated Installation >35' To 40', Add	*23.83*	
		For Elevated Installation >40', Add	*26.21*	
26 05 33 13-0385	EA	1" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement	128.90	21.18
		For Work In Restricted Working Space, Add	*15.89*	
		For Elevated Installation >10' To 15', Add	*5.30*	
		For Elevated Installation >15' To 20', Add	*10.59*	
		For Elevated Installation >20' To 25', Add	*13.24*	
		For Elevated Installation >25' To 30', Add	*18.53*	
		For Elevated Installation >30' To 35', Add	*21.18*	
		For Elevated Installation >35' To 40', Add	*26.48*	
		For Elevated Installation >40', Add	*29.12*	
26 05 33 13-0386	EA	1-1/4" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement	156.62	23.29
		For Work In Restricted Working Space, Add	*17.47*	
		For Elevated Installation >10' To 15', Add	*5.82*	
		For Elevated Installation >15' To 20', Add	*11.65*	
		For Elevated Installation >20' To 25', Add	*14.56*	
		For Elevated Installation >25' To 30', Add	*20.38*	
		For Elevated Installation >30' To 35', Add	*23.30*	
		For Elevated Installation >35' To 40', Add	*29.12*	
		For Elevated Installation >40', Add	*32.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0387	EA	1-1/2" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement	195.01	25.42
		For Work In Restricted Working Space, Add	*19.06*	
		For Elevated Installation >10' To 15', Add	*6.35*	
		For Elevated Installation >15' To 20', Add	*12.71*	
		For Elevated Installation >20' To 25', Add	*15.88*	
		For Elevated Installation >25' To 30', Add	*22.24*	
		For Elevated Installation >30' To 35', Add	*25.41*	
		For Elevated Installation >35' To 40', Add	*31.77*	
		For Elevated Installation >40', Add	*34.94*	
26 05 33 13-0388	EA	2" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement	266.04	27.53
		For Work In Restricted Working Space, Add	*20.65*	
		For Elevated Installation >10' To 15', Add	*6.88*	
		For Elevated Installation >15' To 20', Add	*13.76*	
		For Elevated Installation >20' To 25', Add	*17.21*	
		For Elevated Installation >25' To 30', Add	*24.09*	
		For Elevated Installation >30' To 35', Add	*27.53*	
		For Elevated Installation >35' To 40', Add	*34.41*	
		For Elevated Installation >40', Add	*37.85*	
26 05 33 13-0389	EA	2-1/2" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement	403.52	33.88
		For Work In Restricted Working Space, Add	*25.41*	
		For Elevated Installation >10' To 15', Add	*8.47*	
		For Elevated Installation >15' To 20', Add	*16.94*	
		For Elevated Installation >20' To 25', Add	*21.18*	
		For Elevated Installation >25' To 30', Add	*29.65*	
		For Elevated Installation >30' To 35', Add	*33.88*	
		For Elevated Installation >35' To 40', Add	*42.36*	
		For Elevated Installation >40', Add	*46.59*	
26 05 33 13-0390	EA	3" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement	516.50	42.35
		For Work In Restricted Working Space, Add	*31.77*	
		For Elevated Installation >10' To 15', Add	*10.59*	
		For Elevated Installation >15' To 20', Add	*21.18*	
		For Elevated Installation >20' To 25', Add	*26.47*	
		For Elevated Installation >25' To 30', Add	*37.06*	
		For Elevated Installation >30' To 35', Add	*42.36*	
		For Elevated Installation >35' To 40', Add	*52.95*	
		For Elevated Installation >40', Add	*58.24*	
26 05 33 13-0391	EA	3-1/2" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement	748.88	50.83
		For Work In Restricted Working Space, Add	*38.12*	
		For Elevated Installation >10' To 15', Add	*12.71*	
		For Elevated Installation >15' To 20', Add	*25.42*	
		For Elevated Installation >20' To 25', Add	*31.77*	
		For Elevated Installation >25' To 30', Add	*44.48*	
		For Elevated Installation >30' To 35', Add	*50.83*	
		For Elevated Installation >35' To 40', Add	*63.54*	
		For Elevated Installation >40', Add	*69.89*	
26 05 33 13-0392	EA	4" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement	798.70	55.07
		For Work In Restricted Working Space, Add	*41.29*	
		For Elevated Installation >10' To 15', Add	*13.76*	
		For Elevated Installation >15' To 20', Add	*27.53*	
		For Elevated Installation >20' To 25', Add	*34.41*	
		For Elevated Installation >25' To 30', Add	*48.17*	
		For Elevated Installation >30' To 35', Add	*55.06*	
		For Elevated Installation >35' To 40', Add	*68.82*	
		For Elevated Installation >40', Add	*75.70*	
26 05 33 13-0393	EA	5" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement	1,215.65	67.77
		For Work In Restricted Working Space, Add	*50.83*	
		For Elevated Installation >10' To 15', Add	*16.94*	
		For Elevated Installation >15' To 20', Add	*33.88*	
		For Elevated Installation >20' To 25', Add	*42.36*	
		For Elevated Installation >25' To 30', Add	*59.30*	
		For Elevated Installation >30' To 35', Add	*67.77*	
		For Elevated Installation >35' To 40', Add	*84.71*	
		For Elevated Installation >40', Add	*93.18*	
26 05 33 13-0394	EA	6" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement	1,489.60	75.18
		For Work In Restricted Working Space, Add	*56.42*	
		For Elevated Installation >10' To 15', Add	*18.81*	
		For Elevated Installation >15' To 20', Add	*37.61*	
		For Elevated Installation >20' To 25', Add	*47.02*	
		For Elevated Installation >25' To 30', Add	*65.82*	
		For Elevated Installation >30' To 35', Add	*75.22*	
		For Elevated Installation >35' To 40', Add	*94.03*	
		For Elevated Installation >40', Add	*103.43*	

26 05 33 13-0395 Rigid Galvanized Steel (RGS) Expansion Fittings, 8" Conduit Movement *(26 05 33 13-0060)*

Note: Type AX-8

26 05 33 13-0396	EA	1/2" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement	105.48	16.94
		For Work In Restricted Working Space, Add	*12.71*	
		For Elevated Installation >10' To 15', Add	*4.24*	
		For Elevated Installation >15' To 20', Add	*8.47*	
		For Elevated Installation >20' To 25', Add	*10.59*	
		For Elevated Installation >25' To 30', Add	*14.83*	
		For Elevated Installation >30' To 35', Add	*16.94*	
		For Elevated Installation >35' To 40', Add	*21.18*	
		For Elevated Installation >40', Add	*23.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0397	EA	3/4" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement	117.40	19.06
		For Work In Restricted Working Space, Add	*14.30*	
		For Elevated Installation >10' To 15', Add	*4.77*	
		For Elevated Installation >15' To 20', Add	*9.53*	
		For Elevated Installation >20' To 25', Add	*11.91*	
		For Elevated Installation >25' To 30', Add	*16.68*	
		For Elevated Installation >30' To 35', Add	*19.06*	
		For Elevated Installation >35' To 40', Add	*23.83*	
		For Elevated Installation >40', Add	*26.21*	
26 05 33 13-0398	EA	1" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement	141.47	21.18
		For Work In Restricted Working Space, Add	*15.89*	
		For Elevated Installation >10' To 15', Add	*5.30*	
		For Elevated Installation >15' To 20', Add	*10.59*	
		For Elevated Installation >20' To 25', Add	*13.24*	
		For Elevated Installation >25' To 30', Add	*18.53*	
		For Elevated Installation >30' To 35', Add	*21.18*	
		For Elevated Installation >35' To 40', Add	*26.48*	
		For Elevated Installation >40', Add	*29.12*	
26 05 33 13-0399	EA	1-1/4" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement	176.42	23.29
		For Work In Restricted Working Space, Add	*17.47*	
		For Elevated Installation >10' To 15', Add	*5.82*	
		For Elevated Installation >15' To 20', Add	*11.65*	
		For Elevated Installation >20' To 25', Add	*14.56*	
		For Elevated Installation >25' To 30', Add	*20.38*	
		For Elevated Installation >30' To 35', Add	*23.30*	
		For Elevated Installation >35' To 40', Add	*29.12*	
		For Elevated Installation >40', Add	*32.03*	
26 05 33 13-0400	EA	1-1/2" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement	234.35	25.42
		For Work In Restricted Working Space, Add	*19.06*	
		For Elevated Installation >10' To 15', Add	*6.35*	
		For Elevated Installation >15' To 20', Add	*12.71*	
		For Elevated Installation >20' To 25', Add	*15.88*	
		For Elevated Installation >25' To 30', Add	*22.24*	
		For Elevated Installation >30' To 35', Add	*25.41*	
		For Elevated Installation >35' To 40', Add	*31.77*	
		For Elevated Installation >40', Add	*34.94*	
26 05 33 13-0401	EA	2" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement	284.83	27.53
		For Work In Restricted Working Space, Add	*20.65*	
		For Elevated Installation >10' To 15', Add	*6.88*	
		For Elevated Installation >15' To 20', Add	*13.76*	
		For Elevated Installation >20' To 25', Add	*17.21*	
		For Elevated Installation >25' To 30', Add	*24.09*	
		For Elevated Installation >30' To 35', Add	*27.53*	
		For Elevated Installation >35' To 40', Add	*34.41*	
		For Elevated Installation >40', Add	*37.85*	
26 05 33 13-0402	EA	2-1/2" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement	525.37	33.88
		For Work In Restricted Working Space, Add	*25.41*	
		For Elevated Installation >10' To 15', Add	*8.47*	
		For Elevated Installation >15' To 20', Add	*16.94*	
		For Elevated Installation >20' To 25', Add	*21.18*	
		For Elevated Installation >25' To 30', Add	*29.65*	
		For Elevated Installation >30' To 35', Add	*33.88*	
		For Elevated Installation >35' To 40', Add	*42.36*	
		For Elevated Installation >40', Add	*46.59*	
26 05 33 13-0403	EA	3" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement	599.71	42.35
		For Work In Restricted Working Space, Add	*31.77*	
		For Elevated Installation >10' To 15', Add	*10.59*	
		For Elevated Installation >15' To 20', Add	*21.18*	
		For Elevated Installation >20' To 25', Add	*26.47*	
		For Elevated Installation >25' To 30', Add	*37.06*	
		For Elevated Installation >30' To 35', Add	*42.36*	
		For Elevated Installation >35' To 40', Add	*52.95*	
		For Elevated Installation >40', Add	*58.24*	
26 05 33 13-0404	EA	3-1/2" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement	913.31	50.83
		For Work In Restricted Working Space, Add	*38.12*	
		For Elevated Installation >10' To 15', Add	*12.71*	
		For Elevated Installation >15' To 20', Add	*25.42*	
		For Elevated Installation >20' To 25', Add	*31.77*	
		For Elevated Installation >25' To 30', Add	*44.48*	
		For Elevated Installation >30' To 35', Add	*50.83*	
		For Elevated Installation >35' To 40', Add	*63.54*	
		For Elevated Installation >40', Add	*69.89*	
26 05 33 13-0405	EA	4" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement	988.76	55.07
		For Work In Restricted Working Space, Add	*41.29*	
		For Elevated Installation >10' To 15', Add	*13.76*	
		For Elevated Installation >15' To 20', Add	*27.53*	
		For Elevated Installation >20' To 25', Add	*34.41*	
		For Elevated Installation >25' To 30', Add	*48.17*	
		For Elevated Installation >30' To 35', Add	*55.06*	
		For Elevated Installation >35' To 40', Add	*68.82*	
		For Elevated Installation >40', Add	*75.70*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0406	EA	5" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement	1,375.85	67.77
		For Work In Restricted Working Space, Add	*50.83*	
		For Elevated Installation >10' To 15', Add	*16.94*	
		For Elevated Installation >15' To 20', Add	*33.88*	
		For Elevated Installation >20' To 25', Add	*42.36*	
		For Elevated Installation >25' To 30', Add	*59.30*	
		For Elevated Installation >30' To 35', Add	*67.77*	
		For Elevated Installation >35' To 40', Add	*84.71*	
		For Elevated Installation >40', Add	*93.18*	
26 05 33 13-0407	EA	6" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement	1,695.71	75.18
		For Work In Restricted Working Space, Add	*56.42*	
		For Elevated Installation >10' To 15', Add	*18.81*	
		For Elevated Installation >15' To 20', Add	*37.61*	
		For Elevated Installation >20' To 25', Add	*47.02*	
		For Elevated Installation >25' To 30', Add	*65.82*	
		For Elevated Installation >30' To 35', Add	*75.22*	
		For Elevated Installation >35' To 40', Add	*94.03*	
		For Elevated Installation >40', Add	*103.43*	

26 05 33 13-0408 Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fittings, 8" Conduit Movement *(26 05 33 13-0060)*

Note: Type EX

26 05 33 13-0409	EA	1/2" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement	118.72	16.94
		For Work In Restricted Working Space, Add	*12.71*	
		For Elevated Installation >10' To 15', Add	*4.24*	
		For Elevated Installation >15' To 20', Add	*8.47*	
		For Elevated Installation >20' To 25', Add	*10.59*	
		For Elevated Installation >25' To 30', Add	*14.83*	
		For Elevated Installation >30' To 35', Add	*16.94*	
		For Elevated Installation >35' To 40', Add	*21.18*	
		For Elevated Installation >40', Add	*23.30*	
26 05 33 13-0410	EA	3/4" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement	148.60	19.06
		For Work In Restricted Working Space, Add	*14.30*	
		For Elevated Installation >10' To 15', Add	*4.77*	
		For Elevated Installation >15' To 20', Add	*9.53*	
		For Elevated Installation >20' To 25', Add	*11.91*	
		For Elevated Installation >25' To 30', Add	*16.68*	
		For Elevated Installation >30' To 35', Add	*19.06*	
		For Elevated Installation >35' To 40', Add	*23.83*	
		For Elevated Installation >40', Add	*26.21*	
26 05 33 13-0411	EA	1" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement	183.62	21.18
		For Work In Restricted Working Space, Add	*15.89*	
		For Elevated Installation >10' To 15', Add	*5.30*	
		For Elevated Installation >15' To 20', Add	*10.59*	
		For Elevated Installation >20' To 25', Add	*13.24*	
		For Elevated Installation >25' To 30', Add	*18.53*	
		For Elevated Installation >30' To 35', Add	*21.18*	
		For Elevated Installation >35' To 40', Add	*26.48*	
		For Elevated Installation >40', Add	*29.12*	
26 05 33 13-0412	EA	1-1/4" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement	222.05	23.29
		For Work In Restricted Working Space, Add	*17.47*	
		For Elevated Installation >10' To 15', Add	*5.82*	
		For Elevated Installation >15' To 20', Add	*11.65*	
		For Elevated Installation >20' To 25', Add	*14.56*	
		For Elevated Installation >25' To 30', Add	*20.38*	
		For Elevated Installation >30' To 35', Add	*23.30*	
		For Elevated Installation >35' To 40', Add	*29.12*	
		For Elevated Installation >40', Add	*32.03*	
26 05 33 13-0413	EA	1-1/2" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement	296.14	25.42
		For Work In Restricted Working Space, Add	*19.06*	
		For Elevated Installation >10' To 15', Add	*6.35*	
		For Elevated Installation >15' To 20', Add	*12.71*	
		For Elevated Installation >20' To 25', Add	*15.88*	
		For Elevated Installation >25' To 30', Add	*22.24*	
		For Elevated Installation >30' To 35', Add	*25.41*	
		For Elevated Installation >35' To 40', Add	*31.77*	
		For Elevated Installation >40', Add	*34.94*	
26 05 33 13-0414	EA	2" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement	404.25	27.53
		For Work In Restricted Working Space, Add	*20.65*	
		For Elevated Installation >10' To 15', Add	*6.88*	
		For Elevated Installation >15' To 20', Add	*13.76*	
		For Elevated Installation >20' To 25', Add	*17.21*	
		For Elevated Installation >25' To 30', Add	*24.09*	
		For Elevated Installation >30' To 35', Add	*27.53*	
		For Elevated Installation >35' To 40', Add	*34.41*	
		For Elevated Installation >40', Add	*37.85*	
26 05 33 13-0415	EA	2-1/2" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement	623.68	33.88
		For Work In Restricted Working Space, Add	*25.41*	
		For Elevated Installation >10' To 15', Add	*8.47*	
		For Elevated Installation >15' To 20', Add	*16.94*	
		For Elevated Installation >20' To 25', Add	*21.18*	
		For Elevated Installation >25' To 30', Add	*29.65*	
		For Elevated Installation >30' To 35', Add	*33.88*	
		For Elevated Installation >35' To 40', Add	*42.36*	
		For Elevated Installation >40', Add	*46.59*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0416	EA	3" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement	839.08	42.35
		For Work In Restricted Working Space, Add	*31.77*	
		For Elevated Installation >10' To 15', Add	*10.59*	
		For Elevated Installation >15' To 20', Add	*21.18*	
		For Elevated Installation >20' To 25', Add	*26.47*	
		For Elevated Installation >25' To 30', Add	*37.06*	
		For Elevated Installation >30' To 35', Add	*42.36*	
		For Elevated Installation >35' To 40', Add	*52.95*	
		For Elevated Installation >40', Add	*58.24*	
26 05 33 13-0417	EA	3-1/2" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement	1,253.78	50.83
		For Work In Restricted Working Space, Add	*38.12*	
		For Elevated Installation >10' To 15', Add	*12.71*	
		For Elevated Installation >15' To 20', Add	*25.42*	
		For Elevated Installation >20' To 25', Add	*31.77*	
		For Elevated Installation >25' To 30', Add	*44.48*	
		For Elevated Installation >30' To 35', Add	*50.83*	
		For Elevated Installation >35' To 40', Add	*63.54*	
		For Elevated Installation >40', Add	*69.89*	
26 05 33 13-0418	EA	4" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement	1,298.87	55.07
		For Work In Restricted Working Space, Add	*41.29*	
		For Elevated Installation >10' To 15', Add	*13.76*	
		For Elevated Installation >15' To 20', Add	*27.53*	
		For Elevated Installation >20' To 25', Add	*34.41*	
		For Elevated Installation >25' To 30', Add	*48.17*	
		For Elevated Installation >30' To 35', Add	*55.06*	
		For Elevated Installation >35' To 40', Add	*68.82*	
		For Elevated Installation >40', Add	*75.70*	
26 05 33 13-0419	EA	5" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement	1,947.50	67.77
		For Work In Restricted Working Space, Add	*50.83*	
		For Elevated Installation >10' To 15', Add	*16.94*	
		For Elevated Installation >15' To 20', Add	*33.88*	
		For Elevated Installation >20' To 25', Add	*42.36*	
		For Elevated Installation >25' To 30', Add	*59.30*	
		For Elevated Installation >30' To 35', Add	*67.77*	
		For Elevated Installation >35' To 40', Add	*84.71*	
		For Elevated Installation >40', Add	*93.18*	
26 05 33 13-0420	EA	6" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement	2,410.09	75.18
		For Work In Restricted Working Space, Add	*56.42*	
		For Elevated Installation >10' To 15', Add	*18.81*	
		For Elevated Installation >15' To 20', Add	*37.61*	
		For Elevated Installation >20' To 25', Add	*47.02*	
		For Elevated Installation >25' To 30', Add	*65.82*	
		For Elevated Installation >30' To 35', Add	*75.22*	
		For Elevated Installation >35' To 40', Add	*94.03*	
		For Elevated Installation >40', Add	*103.43*	

26 05 33 13-0421 Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fittings *(26 05 33 13-0060)*

Note: Type DX

26 05 33 13-0422	EA	1/2" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting	200.32	16.94
		For Work In Restricted Working Space, Add	*12.71*	
		For Elevated Installation >10' To 15', Add	*4.24*	
		For Elevated Installation >15' To 20', Add	*8.47*	
		For Elevated Installation >20' To 25', Add	*10.59*	
		For Elevated Installation >25' To 30', Add	*14.83*	
		For Elevated Installation >30' To 35', Add	*16.94*	
		For Elevated Installation >35' To 40', Add	*21.18*	
		For Elevated Installation >40', Add	*23.30*	
26 05 33 13-0423	EA	3/4" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting	238.09	19.06
		For Work In Restricted Working Space, Add	*14.30*	
		For Elevated Installation >10' To 15', Add	*4.77*	
		For Elevated Installation >15' To 20', Add	*9.53*	
		For Elevated Installation >20' To 25', Add	*11.91*	
		For Elevated Installation >25' To 30', Add	*16.68*	
		For Elevated Installation >30' To 35', Add	*19.06*	
		For Elevated Installation >35' To 40', Add	*23.83*	
		For Elevated Installation >40', Add	*26.21*	
26 05 33 13-0424	EA	1" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting	286.89	21.18
		For Work In Restricted Working Space, Add	*15.89*	
		For Elevated Installation >10' To 15', Add	*5.30*	
		For Elevated Installation >15' To 20', Add	*10.59*	
		For Elevated Installation >20' To 25', Add	*13.24*	
		For Elevated Installation >25' To 30', Add	*18.53*	
		For Elevated Installation >30' To 35', Add	*21.18*	
		For Elevated Installation >35' To 40', Add	*26.48*	
		For Elevated Installation >40', Add	*29.12*	
26 05 33 13-0425	EA	1-1/4" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting	336.48	23.29
		For Work In Restricted Working Space, Add	*17.47*	
		For Elevated Installation >10' To 15', Add	*5.82*	
		For Elevated Installation >15' To 20', Add	*11.65*	
		For Elevated Installation >20' To 25', Add	*14.56*	
		For Elevated Installation >25' To 30', Add	*20.38*	
		For Elevated Installation >30' To 35', Add	*23.30*	
		For Elevated Installation >35' To 40', Add	*29.12*	
		For Elevated Installation >40', Add	*32.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0426	EA	1-1/2" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting	371.92	25.42
		For Work In Restricted Working Space, Add	*19.06*	
		For Elevated Installation >10' To 15', Add	*6.35*	
		For Elevated Installation >15' To 20', Add	*12.71*	
		For Elevated Installation >20' To 25', Add	*15.88*	
		For Elevated Installation >25' To 30', Add	*22.24*	
		For Elevated Installation >30' To 35', Add	*25.41*	
		For Elevated Installation >35' To 40', Add	*31.77*	
		For Elevated Installation >40', Add	*34.94*	
26 05 33 13-0427	EA	2" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting	457.76	27.53
		For Work In Restricted Working Space, Add	*20.65*	
		For Elevated Installation >10' To 15', Add	*6.88*	
		For Elevated Installation >15' To 20', Add	*13.76*	
		For Elevated Installation >20' To 25', Add	*17.21*	
		For Elevated Installation >25' To 30', Add	*24.09*	
		For Elevated Installation >30' To 35', Add	*27.53*	
		For Elevated Installation >35' To 40', Add	*34.41*	
		For Elevated Installation >40', Add	*37.85*	
26 05 33 13-0428	EA	2-1/2" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting	603.81	33.88
		For Work In Restricted Working Space, Add	*25.41*	
		For Elevated Installation >10' To 15', Add	*8.47*	
		For Elevated Installation >15' To 20', Add	*16.94*	
		For Elevated Installation >20' To 25', Add	*21.18*	
		For Elevated Installation >25' To 30', Add	*29.65*	
		For Elevated Installation >30' To 35', Add	*33.88*	
		For Elevated Installation >35' To 40', Add	*42.36*	
		For Elevated Installation >40', Add	*46.59*	
26 05 33 13-0429	EA	3" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting	765.45	42.35
		For Work In Restricted Working Space, Add	*31.77*	
		For Elevated Installation >10' To 15', Add	*10.59*	
		For Elevated Installation >15' To 20', Add	*21.18*	
		For Elevated Installation >20' To 25', Add	*26.47*	
		For Elevated Installation >25' To 30', Add	*37.06*	
		For Elevated Installation >30' To 35', Add	*42.36*	
		For Elevated Installation >35' To 40', Add	*52.95*	
		For Elevated Installation >40', Add	*58.24*	
26 05 33 13-0430	EA	3-1/2" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting	862.84	50.83
		For Work In Restricted Working Space, Add	*38.12*	
		For Elevated Installation >10' To 15', Add	*12.71*	
		For Elevated Installation >15' To 20', Add	*25.42*	
		For Elevated Installation >20' To 25', Add	*31.77*	
		For Elevated Installation >25' To 30', Add	*44.48*	
		For Elevated Installation >30' To 35', Add	*50.83*	
		For Elevated Installation >35' To 40', Add	*63.54*	
		For Elevated Installation >40', Add	*69.89*	
26 05 33 13-0431	EA	4" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting	1,043.07	55.07
		For Work In Restricted Working Space, Add	*41.29*	
		For Elevated Installation >10' To 15', Add	*13.76*	
		For Elevated Installation >15' To 20', Add	*27.53*	
		For Elevated Installation >20' To 25', Add	*34.41*	
		For Elevated Installation >25' To 30', Add	*48.17*	
		For Elevated Installation >30' To 35', Add	*55.06*	
		For Elevated Installation >35' To 40', Add	*68.82*	
		For Elevated Installation >40', Add	*75.70*	
26 05 33 13-0432	EA	5" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting	1,771.11	67.77
		For Work In Restricted Working Space, Add	*50.83*	
		For Elevated Installation >10' To 15', Add	*16.94*	
		For Elevated Installation >15' To 20', Add	*33.88*	
		For Elevated Installation >20' To 25', Add	*42.36*	
		For Elevated Installation >25' To 30', Add	*59.30*	
		For Elevated Installation >30' To 35', Add	*67.77*	
		For Elevated Installation >35' To 40', Add	*84.71*	
		For Elevated Installation >40', Add	*93.18*	
26 05 33 13-0433	EA	6" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting	2,800.18	75.18
		For Work In Restricted Working Space, Add	*56.42*	
		For Elevated Installation >10' To 15', Add	*18.81*	
		For Elevated Installation >15' To 20', Add	*37.61*	
		For Elevated Installation >20' To 25', Add	*47.02*	
		For Elevated Installation >25' To 30', Add	*65.82*	
		For Elevated Installation >30' To 35', Add	*75.22*	
		For Elevated Installation >35' To 40', Add	*94.03*	
		For Elevated Installation >40', Add	*103.43*	

26 05 33 13-0434 Rigid Galvanized Steel (RGS) Conduit Bonding Jumpers *(26 05 33 13-0060)*

26 05 33 13-0435	EA	1/2" To 3/4" Conduit, 14" Bonding Jumper	53.75	8.47
		For Work In Restricted Working Space, Add	*6.35*	
		For Elevated Installation >10' To 15', Add	*2.12*	
		For Elevated Installation >15' To 20', Add	*4.24*	
		For Elevated Installation >20' To 25', Add	*5.30*	
		For Elevated Installation >25' To 30', Add	*7.41*	
		For Elevated Installation >30' To 35', Add	*8.47*	
		For Elevated Installation >35' To 40', Add	*10.59*	
		For Elevated Installation >40', Add	*11.65*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0436	EA	1" To 1-1/4" Conduit, 14" Bonding Jumper	62.33	10.59
		For Work In Restricted Working Space, Add	*7.94*	
		For Elevated Installation >10' To 15', Add	*2.65*	
		For Elevated Installation >15' To 20', Add	*5.29*	
		For Elevated Installation >20' To 25', Add	*6.62*	
		For Elevated Installation >25' To 30', Add	*9.26*	
		For Elevated Installation >30' To 35', Add	*10.59*	
		For Elevated Installation >35' To 40', Add	*13.24*	
		For Elevated Installation >40', Add	*14.56*	
26 05 33 13-0437	EA	1-1/2" To 2" Conduit, 14" Bonding Jumper	76.67	12.70
		For Work In Restricted Working Space, Add	*9.53*	
		For Elevated Installation >10' To 15', Add	*3.18*	
		For Elevated Installation >15' To 20', Add	*6.35*	
		For Elevated Installation >20' To 25', Add	*7.94*	
		For Elevated Installation >25' To 30', Add	*11.12*	
		For Elevated Installation >30' To 35', Add	*12.70*	
		For Elevated Installation >35' To 40', Add	*15.88*	
		For Elevated Installation >40', Add	*17.47*	
26 05 33 13-0438	EA	2-1/2" To 3" Conduit, 14" Bonding Jumper	107.24	16.94
		For Work In Restricted Working Space, Add	*12.71*	
		For Elevated Installation >10' To 15', Add	*4.24*	
		For Elevated Installation >15' To 20', Add	*8.47*	
		For Elevated Installation >20' To 25', Add	*10.59*	
		For Elevated Installation >25' To 30', Add	*14.82*	
		For Elevated Installation >30' To 35', Add	*16.94*	
		For Elevated Installation >35' To 40', Add	*21.18*	
		For Elevated Installation >40', Add	*23.29*	
26 05 33 13-0439	EA	3-1/2" To 4" Conduit, 14" Bonding Jumper	162.36	25.42
		For Work In Restricted Working Space, Add	*19.06*	
		For Elevated Installation >10' To 15', Add	*6.35*	
		For Elevated Installation >15' To 20', Add	*12.71*	
		For Elevated Installation >20' To 25', Add	*15.89*	
		For Elevated Installation >25' To 30', Add	*22.24*	
		For Elevated Installation >30' To 35', Add	*25.42*	
		For Elevated Installation >35' To 40', Add	*31.77*	
		For Elevated Installation >40', Add	*34.95*	
26 05 33 13-0440	EA	5" To 6" Conduit, 14" Bonding Jumper	272.47	33.88
		For Work In Restricted Working Space, Add	*25.41*	
		For Elevated Installation >10' To 15', Add	*8.47*	
		For Elevated Installation >15' To 20', Add	*16.94*	
		For Elevated Installation >20' To 25', Add	*21.18*	
		For Elevated Installation >25' To 30', Add	*29.65*	
		For Elevated Installation >30' To 35', Add	*33.88*	
		For Elevated Installation >35' To 40', Add	*42.36*	
		For Elevated Installation >40', Add	*46.59*	
26 05 33 13-0441	EA	1/2" To 3/4" Conduit, 24" Bonding Jumper	59.32	8.47
		For Work In Restricted Working Space, Add	*6.35*	
		For Elevated Installation >10' To 15', Add	*2.12*	
		For Elevated Installation >15' To 20', Add	*4.24*	
		For Elevated Installation >20' To 25', Add	*5.30*	
		For Elevated Installation >25' To 30', Add	*7.41*	
		For Elevated Installation >30' To 35', Add	*8.47*	
		For Elevated Installation >35' To 40', Add	*10.59*	
		For Elevated Installation >40', Add	*11.65*	
26 05 33 13-0442	EA	1" To 1-1/4" Conduit, 24" Bonding Jumper	69.38	10.59
		For Work In Restricted Working Space, Add	*7.94*	
		For Elevated Installation >10' To 15', Add	*2.65*	
		For Elevated Installation >15' To 20', Add	*5.29*	
		For Elevated Installation >20' To 25', Add	*6.62*	
		For Elevated Installation >25' To 30', Add	*9.26*	
		For Elevated Installation >30' To 35', Add	*10.59*	
		For Elevated Installation >35' To 40', Add	*13.24*	
		For Elevated Installation >40', Add	*14.56*	
26 05 33 13-0443	EA	1-1/2" To 2" Conduit, 24" Bonding Jumper	83.12	12.70
		For Work In Restricted Working Space, Add	*9.53*	
		For Elevated Installation >10' To 15', Add	*3.18*	
		For Elevated Installation >15' To 20', Add	*6.35*	
		For Elevated Installation >20' To 25', Add	*7.94*	
		For Elevated Installation >25' To 30', Add	*11.12*	
		For Elevated Installation >30' To 35', Add	*12.70*	
		For Elevated Installation >35' To 40', Add	*15.88*	
		For Elevated Installation >40', Add	*17.47*	
26 05 33 13-0444	EA	2-1/2" To 3" Conduit, 24" Bonding Jumper	115.81	16.94
		For Work In Restricted Working Space, Add	*12.71*	
		For Elevated Installation >10' To 15', Add	*4.24*	
		For Elevated Installation >15' To 20', Add	*8.47*	
		For Elevated Installation >20' To 25', Add	*10.59*	
		For Elevated Installation >25' To 30', Add	*14.82*	
		For Elevated Installation >30' To 35', Add	*16.94*	
		For Elevated Installation >35' To 40', Add	*21.18*	
		For Elevated Installation >40', Add	*23.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0445	EA	3-1/2" To 4" Conduit, 24" Bonding Jumper	173.73	25.42
		For Work In Restricted Working Space, Add	*19.06*	
		For Elevated Installation >10' To 15', Add	*6.35*	
		For Elevated Installation >15' To 20', Add	*12.71*	
		For Elevated Installation >20' To 25', Add	*15.89*	
		For Elevated Installation >25' To 30', Add	*22.24*	
		For Elevated Installation >30' To 35', Add	*25.42*	
		For Elevated Installation >35' To 40', Add	*31.77*	
		For Elevated Installation >40', Add	*34.95*	
26 05 33 13-0446	EA	5" To 6" Conduit, 24" Bonding Jumper	309.14	33.88
		For Work In Restricted Working Space, Add	*25.41*	
		For Elevated Installation >10' To 15', Add	*8.47*	
		For Elevated Installation >15' To 20', Add	*16.94*	
		For Elevated Installation >20' To 25', Add	*21.18*	
		For Elevated Installation >25' To 30', Add	*29.65*	
		For Elevated Installation >30' To 35', Add	*33.88*	
		For Elevated Installation >35' To 40', Add	*42.36*	
		For Elevated Installation >40', Add	*46.59*	

26 05 33 13-0447 Rigid Galvanized Steel (RGS) Sealing Fittings, Vertical/Horizontal *(26 05 33 13-0060)*

26 05 33 13-0448	EA	1/2" Rigid Galvanized Steel (RGS) Sealing Fitting, Vertical/Horizontal	97.76	26.47
		For Work In Restricted Working Space, Add	*15.88*	
		For Elevated Installation >10' To 15', Add	*5.29*	
		For Elevated Installation >15' To 20', Add	*10.59*	
		For Elevated Installation >20' To 25', Add	*13.24*	
		For Elevated Installation >25' To 30', Add	*18.53*	
		For Elevated Installation >30' To 35', Add	*21.18*	
		For Elevated Installation >35' To 40', Add	*26.47*	
		For Elevated Installation >40', Add	*29.12*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.88*	
26 05 33 13-0449	EA	3/4" Rigid Galvanized Steel (RGS) Sealing Fitting, Vertical/Horizontal	116.17	31.76
		For Work In Restricted Working Space, Add	*19.06*	
		For Elevated Installation >10' To 15', Add	*6.35*	
		For Elevated Installation >15' To 20', Add	*12.71*	
		For Elevated Installation >20' To 25', Add	*15.88*	
		For Elevated Installation >25' To 30', Add	*22.24*	
		For Elevated Installation >30' To 35', Add	*25.41*	
		For Elevated Installation >35' To 40', Add	*31.77*	
		For Elevated Installation >40', Add	*34.94*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.06*	
26 05 33 13-0450	EA	1" Rigid Galvanized Steel (RGS) Sealing Fitting, Vertical/Horizontal	141.78	37.06
		For Work In Restricted Working Space, Add	*22.24*	
		For Elevated Installation >10' To 15', Add	*7.41*	
		For Elevated Installation >15' To 20', Add	*14.82*	
		For Elevated Installation >20' To 25', Add	*18.53*	
		For Elevated Installation >25' To 30', Add	*25.94*	
		For Elevated Installation >30' To 35', Add	*29.65*	
		For Elevated Installation >35' To 40', Add	*37.06*	
		For Elevated Installation >40', Add	*40.77*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.24*	
26 05 33 13-0451	EA	1-1/4" Rigid Galvanized Steel (RGS) Sealing Fitting, Vertical/Horizontal	166.87	42.35
		For Work In Restricted Working Space, Add	*25.41*	
		For Elevated Installation >10' To 15', Add	*8.47*	
		For Elevated Installation >15' To 20', Add	*16.94*	
		For Elevated Installation >20' To 25', Add	*21.18*	
		For Elevated Installation >25' To 30', Add	*29.65*	
		For Elevated Installation >30' To 35', Add	*33.88*	
		For Elevated Installation >35' To 40', Add	*42.36*	
		For Elevated Installation >40', Add	*46.59*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*25.41*	
26 05 33 13-0452	EA	1-1/2" Rigid Galvanized Steel (RGS) Sealing Fitting, Vertical/Horizontal	218.99	47.65
		For Work In Restricted Working Space, Add	*28.59*	
		For Elevated Installation >10' To 15', Add	*9.53*	
		For Elevated Installation >15' To 20', Add	*19.06*	
		For Elevated Installation >20' To 25', Add	*23.83*	
		For Elevated Installation >25' To 30', Add	*33.36*	
		For Elevated Installation >30' To 35', Add	*38.12*	
		For Elevated Installation >35' To 40', Add	*47.65*	
		For Elevated Installation >40', Add	*52.42*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*28.59*	
26 05 33 13-0453	EA	2" Rigid Galvanized Steel (RGS) Sealing Fitting, Vertical/Horizontal	266.15	52.94
		For Work In Restricted Working Space, Add	*31.77*	
		For Elevated Installation >10' To 15', Add	*10.59*	
		For Elevated Installation >15' To 20', Add	*21.18*	
		For Elevated Installation >20' To 25', Add	*26.47*	
		For Elevated Installation >25' To 30', Add	*37.06*	
		For Elevated Installation >30' To 35', Add	*42.36*	
		For Elevated Installation >35' To 40', Add	*52.95*	
		For Elevated Installation >40', Add	*58.24*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*31.77*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0454	EA	2-1/2" Rigid Galvanized Steel (RGS) Conduit Sealing Fitting, Vertical/Horizontal	376.07	63.53
		For Work In Restricted Working Space, Add	*38.12*	
		For Elevated Installation >10' To 15', Add	*12.71*	
		For Elevated Installation >15' To 20', Add	*25.41*	
		For Elevated Installation >20' To 25', Add	*31.77*	
		For Elevated Installation >25' To 30', Add	*44.47*	
		For Elevated Installation >30' To 35', Add	*50.83*	
		For Elevated Installation >35' To 40', Add	*63.54*	
		For Elevated Installation >40', Add	*69.89*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*38.12*	
26 05 33 13-0455	EA	3" Rigid Galvanized Steel (RGS) Sealing Fitting, Vertical/Horizontal	452.40	74.12
		For Work In Restricted Working Space, Add	*44.47*	
		For Elevated Installation >10' To 15', Add	*14.82*	
		For Elevated Installation >15' To 20', Add	*29.65*	
		For Elevated Installation >20' To 25', Add	*37.06*	
		For Elevated Installation >25' To 30', Add	*51.88*	
		For Elevated Installation >30' To 35', Add	*59.30*	
		For Elevated Installation >35' To 40', Add	*74.12*	
		For Elevated Installation >40', Add	*81.53*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*44.47*	
26 05 33 13-0456	EA	3-1/2" Rigid Galvanized Steel (RGS) Sealing Fitting, Vertical/Horizontal	1,046.63	84.71
		For Work In Restricted Working Space, Add	*50.83*	
		For Elevated Installation >10' To 15', Add	*16.94*	
		For Elevated Installation >15' To 20', Add	*33.88*	
		For Elevated Installation >20' To 25', Add	*42.36*	
		For Elevated Installation >25' To 30', Add	*59.30*	
		For Elevated Installation >30' To 35', Add	*67.77*	
		For Elevated Installation >35' To 40', Add	*84.71*	
		For Elevated Installation >40', Add	*93.18*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*50.83*	
26 05 33 13-0457	EA	4" Rigid Galvanized Steel (RGS) Sealing Fitting, Vertical/Horizontal	1,205.84	95.30
		For Work In Restricted Working Space, Add	*57.18*	
		For Elevated Installation >10' To 15', Add	*19.06*	
		For Elevated Installation >15' To 20', Add	*38.12*	
		For Elevated Installation >20' To 25', Add	*47.65*	
		For Elevated Installation >25' To 30', Add	*66.71*	
		For Elevated Installation >30' To 35', Add	*76.24*	
		For Elevated Installation >35' To 40', Add	*95.30*	
		For Elevated Installation >40', Add	*104.83*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*57.18*	

26 05 33 13-0458 Rigid Galvanized Steel (RGS) Threaded Couplings *(26 05 33 13-0060)*

26 05 33 13-0459	EA	1/2" Rigid Galvanized Steel (RGS) Threaded Coupling	14.09	6.36
		For Work In Restricted Working Space, Add	*3.81*	
		For Elevated Installation >10' To 15', Add	*1.27*	
		For Elevated Installation >15' To 20', Add	*2.54*	
		For Elevated Installation >20' To 25', Add	*3.18*	
		For Elevated Installation >25' To 30', Add	*4.45*	
		For Elevated Installation >30' To 35', Add	*5.08*	
		For Elevated Installation >35' To 40', Add	*6.35*	
		For Elevated Installation >40', Add	*6.99*	
26 05 33 13-0460	EA	3/4" Rigid Galvanized Steel (RGS) Threaded Coupling	19.73	9.00
		For Work In Restricted Working Space, Add	*5.40*	
		For Elevated Installation >10' To 15', Add	*1.80*	
		For Elevated Installation >15' To 20', Add	*3.60*	
		For Elevated Installation >20' To 25', Add	*4.50*	
		For Elevated Installation >25' To 30', Add	*6.30*	
		For Elevated Installation >30' To 35', Add	*7.20*	
		For Elevated Installation >35' To 40', Add	*9.00*	
		For Elevated Installation >40', Add	*9.90*	
26 05 33 13-0461	EA	1" Rigid Galvanized Steel (RGS) Threaded Coupling	25.94	11.65
		For Work In Restricted Working Space, Add	*6.99*	
		For Elevated Installation >10' To 15', Add	*2.33*	
		For Elevated Installation >15' To 20', Add	*4.66*	
		For Elevated Installation >20' To 25', Add	*5.82*	
		For Elevated Installation >25' To 30', Add	*8.15*	
		For Elevated Installation >30' To 35', Add	*9.32*	
		For Elevated Installation >35' To 40', Add	*11.65*	
		For Elevated Installation >40', Add	*12.81*	
26 05 33 13-0462	EA	1-1/4" Rigid Galvanized Steel (RGS) Threaded Coupling	29.81	13.24
		For Work In Restricted Working Space, Add	*7.94*	
		For Elevated Installation >10' To 15', Add	*2.65*	
		For Elevated Installation >15' To 20', Add	*5.29*	
		For Elevated Installation >20' To 25', Add	*6.62*	
		For Elevated Installation >25' To 30', Add	*9.26*	
		For Elevated Installation >30' To 35', Add	*10.59*	
		For Elevated Installation >35' To 40', Add	*13.24*	
		For Elevated Installation >40', Add	*14.56*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0463	EA	1-1/2" Rigid Galvanized Steel (RGS) Threaded Coupling	35.94	15.88
		For Work In Restricted Working Space, Add	*9.53*	
		For Elevated Installation >10' To 15', Add	*3.18*	
		For Elevated Installation >15' To 20', Add	*6.35*	
		For Elevated Installation >20' To 25', Add	*7.94*	
		For Elevated Installation >25' To 30', Add	*11.12*	
		For Elevated Installation >30' To 35', Add	*12.70*	
		For Elevated Installation >35' To 40', Add	*15.88*	
		For Elevated Installation >40', Add	*17.47*	
26 05 33 13-0464	EA	2" Rigid Galvanized Steel (RGS) Threaded Coupling	42.24	18.00
		For Work In Restricted Working Space, Add	*10.80*	
		For Elevated Installation >10' To 15', Add	*3.60*	
		For Elevated Installation >15' To 20', Add	*7.20*	
		For Elevated Installation >20' To 25', Add	*9.00*	
		For Elevated Installation >25' To 30', Add	*12.60*	
		For Elevated Installation >30' To 35', Add	*14.40*	
		For Elevated Installation >35' To 40', Add	*18.01*	
		For Elevated Installation >40', Add	*19.81*	
26 05 33 13-0465	EA	2-1/2" Rigid Galvanized Steel (RGS) Threaded Coupling	54.23	20.12
		For Work In Restricted Working Space, Add	*12.07*	
		For Elevated Installation >10' To 15', Add	*4.02*	
		For Elevated Installation >15' To 20', Add	*8.05*	
		For Elevated Installation >20' To 25', Add	*10.06*	
		For Elevated Installation >25' To 30', Add	*14.08*	
		For Elevated Installation >30' To 35', Add	*16.10*	
		For Elevated Installation >35' To 40', Add	*20.12*	
		For Elevated Installation >40', Add	*22.13*	
26 05 33 13-0466	EA	3" Rigid Galvanized Steel (RGS) Threaded Coupling	63.72	22.77
		For Work In Restricted Working Space, Add	*13.66*	
		For Elevated Installation >10' To 15', Add	*4.55*	
		For Elevated Installation >15' To 20', Add	*9.11*	
		For Elevated Installation >20' To 25', Add	*11.38*	
		For Elevated Installation >25' To 30', Add	*15.94*	
		For Elevated Installation >30' To 35', Add	*18.21*	
		For Elevated Installation >35' To 40', Add	*22.77*	
		For Elevated Installation >40', Add	*25.04*	
26 05 33 13-0467	EA	3-1/2" Rigid Galvanized Steel (RGS) Threaded Coupling	74.35	24.89
		For Work In Restricted Working Space, Add	*14.93*	
		For Elevated Installation >10' To 15', Add	*4.98*	
		For Elevated Installation >15' To 20', Add	*9.95*	
		For Elevated Installation >20' To 25', Add	*12.44*	
		For Elevated Installation >25' To 30', Add	*17.42*	
		For Elevated Installation >30' To 35', Add	*19.91*	
		For Elevated Installation >35' To 40', Add	*24.89*	
		For Elevated Installation >40', Add	*27.37*	
26 05 33 13-0468	EA	4" Threaded Rigid Galvanized Steel (RGS) Coupling	78.54	26.47
		For Work In Restricted Working Space, Add	*15.88*	
		For Elevated Installation >10' To 15', Add	*5.29*	
		For Elevated Installation >15' To 20', Add	*10.59*	
		For Elevated Installation >20' To 25', Add	*13.24*	
		For Elevated Installation >25' To 30', Add	*18.53*	
		For Elevated Installation >30' To 35', Add	*21.18*	
		For Elevated Installation >35' To 40', Add	*26.47*	
		For Elevated Installation >40', Add	*29.12*	

26 05 33 13-0469 Rigid Galvanized Steel (RGS) Sealing Locknut *(26 05 33 13-0060)*

26 05 33 13-0470	EA	1/2" Rigid Galvanized Steel (RGS) Sealing Locknut	3.34	1.06
26 05 33 13-0471	EA	3/4" Rigid Galvanized Steel (RGS) Sealing Locknut	4.59	1.58
26 05 33 13-0472	EA	1" Rigid Galvanized Steel (RGS) Sealing Locknut	7.62	2.65
26 05 33 13-0473	EA	1-1/4" Rigid Galvanized Steel (RGS) Sealing Locknut	11.05	3.71
26 05 33 13-0474	EA	1-1/2" Rigid Galvanized Steel (RGS) Sealing Locknut	13.27	4.23
26 05 33 13-0475	EA	2" Rigid Galvanized Steel (RGS) Sealing Locknut	15.65	4.76

26 05 33 13-0476 Rigid Galvanized Steel (RGS) Fire Stop Fittings *(26 05 33 13-0060)*

26 05 33 13-0477	EA	1/2" Rigid Galvanized Steel (RGS) Fire Stop Fitting	210.71	12.85
		For Work In Restricted Working Space, Add	*9.64*	
		For Elevated Installation >10' To 15', Add	*3.21*	
		For Elevated Installation >15' To 20', Add	*6.43*	
		For Elevated Installation >20' To 25', Add	*8.03*	
		For Elevated Installation >25' To 30', Add	*11.25*	
		For Elevated Installation >30' To 35', Add	*12.85*	
		For Elevated Installation >35' To 40', Add	*16.07*	
		For Elevated Installation >40', Add	*17.67*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.64*	
26 05 33 13-0478	EA	3/4" Rigid Galvanized Steel (RGS) Fire Stop Fitting	213.80	14.09
		For Work In Restricted Working Space, Add	*10.57*	
		For Elevated Installation >10' To 15', Add	*3.52*	
		For Elevated Installation >15' To 20', Add	*7.04*	
		For Elevated Installation >20' To 25', Add	*8.81*	
		For Elevated Installation >25' To 30', Add	*12.33*	
		For Elevated Installation >30' To 35', Add	*14.09*	
		For Elevated Installation >35' To 40', Add	*17.61*	
		For Elevated Installation >40', Add	*19.37*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.57*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0479	EA	1" Rigid Galvanized Steel (RGS) Fire Stop Fitting	257.12	15.46
		For Work In Restricted Working Space, Add	*11.57*	
		For Elevated Installation >10' To 15', Add	*3.86*	
		For Elevated Installation >15' To 20', Add	*7.71*	
		For Elevated Installation >20' To 25', Add	*9.64*	
		For Elevated Installation >25' To 30', Add	*13.50*	
		For Elevated Installation >30' To 35', Add	*15.43*	
		For Elevated Installation >35' To 40', Add	*19.29*	
		For Elevated Installation >40', Add	*21.21*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.57*	
26 05 33 13-0480	EA	1-1/4" Rigid Galvanized Steel (RGS) Fire Stop Fitting	282.27	16.94
		For Work In Restricted Working Space, Add	*12.72*	
		For Elevated Installation >10' To 15', Add	*4.24*	
		For Elevated Installation >15' To 20', Add	*8.48*	
		For Elevated Installation >20' To 25', Add	*10.60*	
		For Elevated Installation >25' To 30', Add	*14.84*	
		For Elevated Installation >30' To 35', Add	*16.96*	
		For Elevated Installation >35' To 40', Add	*21.20*	
		For Elevated Installation >40', Add	*23.31*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.72*	
26 05 33 13-0481	EA	1-1/2" Rigid Galvanized Steel (RGS) Fire Stop Fitting	322.18	19.06
		For Work In Restricted Working Space, Add	*14.30*	
		For Elevated Installation >10' To 15', Add	*4.77*	
		For Elevated Installation >15' To 20', Add	*9.53*	
		For Elevated Installation >20' To 25', Add	*11.91*	
		For Elevated Installation >25' To 30', Add	*16.68*	
		For Elevated Installation >30' To 35', Add	*19.06*	
		For Elevated Installation >35' To 40', Add	*23.83*	
		For Elevated Installation >40', Add	*26.21*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.30*	
26 05 33 13-0482	EA	2" Rigid Galvanized Steel (RGS) Fire Stop Fitting	479.42	21.18
		For Work In Restricted Working Space, Add	*15.89*	
		For Elevated Installation >10' To 15', Add	*5.30*	
		For Elevated Installation >15' To 20', Add	*10.59*	
		For Elevated Installation >20' To 25', Add	*13.24*	
		For Elevated Installation >25' To 30', Add	*18.54*	
		For Elevated Installation >30' To 35', Add	*21.19*	
		For Elevated Installation >35' To 40', Add	*26.49*	
		For Elevated Installation >40', Add	*29.13*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.89*	
26 05 33 13-0483	EA	2-1/2" Rigid Galvanized Steel (RGS) Fire Stop Fitting	550.38	28.28
		For Work In Restricted Working Space, Add	*21.19*	
		For Elevated Installation >10' To 15', Add	*7.06*	
		For Elevated Installation >15' To 20', Add	*14.13*	
		For Elevated Installation >20' To 25', Add	*17.66*	
		For Elevated Installation >25' To 30', Add	*24.72*	
		For Elevated Installation >30' To 35', Add	*28.25*	
		For Elevated Installation >35' To 40', Add	*35.32*	
		For Elevated Installation >40', Add	*38.85*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.19*	
26 05 33 13-0484	EA	3" Rigid Galvanized Steel (RGS) Fire Stop Fitting	610.68	31.02
		For Work In Restricted Working Space, Add	*23.29*	
		For Elevated Installation >10' To 15', Add	*7.76*	
		For Elevated Installation >15' To 20', Add	*15.52*	
		For Elevated Installation >20' To 25', Add	*19.41*	
		For Elevated Installation >25' To 30', Add	*27.17*	
		For Elevated Installation >30' To 35', Add	*31.05*	
		For Elevated Installation >35' To 40', Add	*38.81*	
		For Elevated Installation >40', Add	*42.69*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.29*	
26 05 33 13-0485	EA	3-1/2" Rigid Galvanized Steel (RGS) Fire Stop Fitting	711.07	33.88
		For Work In Restricted Working Space, Add	*25.42*	
		For Elevated Installation >10' To 15', Add	*8.47*	
		For Elevated Installation >15' To 20', Add	*16.94*	
		For Elevated Installation >20' To 25', Add	*21.18*	
		For Elevated Installation >25' To 30', Add	*29.65*	
		For Elevated Installation >30' To 35', Add	*33.89*	
		For Elevated Installation >35' To 40', Add	*42.36*	
		For Elevated Installation >40', Add	*46.60*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*25.42*	
26 05 33 13-0486	EA	4" Rigid Galvanized Steel (RGS) Fire Stop Fitting	801.60	38.12
		For Work In Restricted Working Space, Add	*28.59*	
		For Elevated Installation >10' To 15', Add	*9.53*	
		For Elevated Installation >15' To 20', Add	*19.06*	
		For Elevated Installation >20' To 25', Add	*23.83*	
		For Elevated Installation >25' To 30', Add	*33.36*	
		For Elevated Installation >30' To 35', Add	*38.12*	
		For Elevated Installation >35' To 40', Add	*47.65*	
		For Elevated Installation >40', Add	*52.42*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*28.59*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0487	EA	5" Rigid Galvanized Steel (RGS) Fire Stop Fitting	1,078.73	42.35
		For Work In Restricted Working Space, Add	*31.77*	
		For Elevated Installation >10' To 15', Add	*10.59*	
		For Elevated Installation >15' To 20', Add	*21.18*	
		For Elevated Installation >20' To 25', Add	*26.47*	
		For Elevated Installation >25' To 30', Add	*37.06*	
		For Elevated Installation >30' To 35', Add	*42.36*	
		For Elevated Installation >35' To 40', Add	*52.95*	
		For Elevated Installation >40', Add	*58.24*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*31.77*	
26 05 33 13-0488	EA	6" Rigid Galvanized Steel (RGS) Fire Stop Fitting	1,343.57	47.01
		For Work In Restricted Working Space, Add	*35.26*	
		For Elevated Installation >10' To 15', Add	*11.75*	
		For Elevated Installation >15' To 20', Add	*23.51*	
		For Elevated Installation >20' To 25', Add	*29.38*	
		For Elevated Installation >25' To 30', Add	*41.14*	
		For Elevated Installation >30' To 35', Add	*47.01*	
		For Elevated Installation >35' To 40', Add	*58.77*	
		For Elevated Installation >40', Add	*64.64*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*35.26*	

26 05 33 13-0489 Rigid Galvanized Steel (RGS) Reducing Bushings *(26 05 33 13-0060)*

26 05 33 13-0490	EA	3/4" x 1/2" Rigid Galvanized Steel (RGS) Reducing Bushing	17.36	8.20
		For Work In Restricted Working Space, Add	*4.92*	
		For Elevated Installation >10' To 15', Add	*1.64*	
		For Elevated Installation >15' To 20', Add	*3.28*	
		For Elevated Installation >20' To 25', Add	*4.10*	
		For Elevated Installation >25' To 30', Add	*5.74*	
		For Elevated Installation >30' To 35', Add	*6.56*	
		For Elevated Installation >35' To 40', Add	*8.21*	
		For Elevated Installation >40', Add	*9.03*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.92*	
26 05 33 13-0491	EA	1" x 1/2" Rigid Galvanized Steel (RGS) Reducing Bushing	19.22	8.73
		For Work In Restricted Working Space, Add	*5.24*	
		For Elevated Installation >10' To 15', Add	*1.75*	
		For Elevated Installation >15' To 20', Add	*3.50*	
		For Elevated Installation >20' To 25', Add	*4.37*	
		For Elevated Installation >25' To 30', Add	*6.12*	
		For Elevated Installation >30' To 35', Add	*6.99*	
		For Elevated Installation >35' To 40', Add	*8.74*	
		For Elevated Installation >40', Add	*9.61*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.24*	
26 05 33 13-0492	EA	1" x 3/4" Rigid Galvanized Steel (RGS) Reducing Bushing	19.74	9.00
		For Work In Restricted Working Space, Add	*5.40*	
		For Elevated Installation >10' To 15', Add	*1.80*	
		For Elevated Installation >15' To 20', Add	*3.60*	
		For Elevated Installation >20' To 25', Add	*4.50*	
		For Elevated Installation >25' To 30', Add	*6.30*	
		For Elevated Installation >30' To 35', Add	*7.20*	
		For Elevated Installation >35' To 40', Add	*9.00*	
		For Elevated Installation >40', Add	*9.90*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.40*	
26 05 33 13-0493	EA	1-1/4" x 1/2" Rigid Galvanized Steel (RGS) Reducing Bushing	23.04	9.26
		For Work In Restricted Working Space, Add	*5.56*	
		For Elevated Installation >10' To 15', Add	*1.85*	
		For Elevated Installation >15' To 20', Add	*3.71*	
		For Elevated Installation >20' To 25', Add	*4.63*	
		For Elevated Installation >25' To 30', Add	*6.49*	
		For Elevated Installation >30' To 35', Add	*7.41*	
		For Elevated Installation >35' To 40', Add	*9.27*	
		For Elevated Installation >40', Add	*10.19*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.56*	
26 05 33 13-0494	EA	1-1/4" x 3/4" Rigid Galvanized Steel (RGS) Reducing Bushing	23.57	9.53
		For Work In Restricted Working Space, Add	*5.72*	
		For Elevated Installation >10' To 15', Add	*1.91*	
		For Elevated Installation >15' To 20', Add	*3.81*	
		For Elevated Installation >20' To 25', Add	*4.77*	
		For Elevated Installation >25' To 30', Add	*6.67*	
		For Elevated Installation >30' To 35', Add	*7.62*	
		For Elevated Installation >35' To 40', Add	*9.53*	
		For Elevated Installation >40', Add	*10.48*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.72*	
26 05 33 13-0495	EA	1-1/4" x 1" Rigid Galvanized Steel (RGS) Reducing Bushing	24.63	10.06
		For Work In Restricted Working Space, Add	*6.04*	
		For Elevated Installation >10' To 15', Add	*2.01*	
		For Elevated Installation >15' To 20', Add	*4.02*	
		For Elevated Installation >20' To 25', Add	*5.03*	
		For Elevated Installation >25' To 30', Add	*7.04*	
		For Elevated Installation >30' To 35', Add	*8.05*	
		For Elevated Installation >35' To 40', Add	*10.06*	
		For Elevated Installation >40', Add	*11.07*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0496	EA	1-1/2" x 1/2" Rigid Galvanized Steel (RGS) Reducing Bushing	26.64	10.59
		For Work In Restricted Working Space, Add	*6.35*	
		For Elevated Installation >10' To 15', Add	*2.12*	
		For Elevated Installation >15' To 20', Add	*4.24*	
		For Elevated Installation >20' To 25', Add	*5.30*	
		For Elevated Installation >25' To 30', Add	*7.41*	
		For Elevated Installation >30' To 35', Add	*8.47*	
		For Elevated Installation >35' To 40', Add	*10.59*	
		For Elevated Installation >40', Add	*11.65*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.35*	
26 05 33 13-0497	EA	1-1/2" x 3/4" Rigid Galvanized Steel (RGS) Reducing Bushing	27.17	10.85
		For Work In Restricted Working Space, Add	*6.51*	
		For Elevated Installation >10' To 15', Add	*2.17*	
		For Elevated Installation >15' To 20', Add	*4.34*	
		For Elevated Installation >20' To 25', Add	*5.43*	
		For Elevated Installation >25' To 30', Add	*7.60*	
		For Elevated Installation >30' To 35', Add	*8.68*	
		For Elevated Installation >35' To 40', Add	*10.86*	
		For Elevated Installation >40', Add	*11.94*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.51*	
26 05 33 13-0498	EA	1-1/2" x 1" Rigid Galvanized Steel (RGS) Reducing Bushing	28.23	11.38
		For Work In Restricted Working Space, Add	*6.83*	
		For Elevated Installation >10' To 15', Add	*2.28*	
		For Elevated Installation >15' To 20', Add	*4.55*	
		For Elevated Installation >20' To 25', Add	*5.69*	
		For Elevated Installation >25' To 30', Add	*7.97*	
		For Elevated Installation >30' To 35', Add	*9.11*	
		For Elevated Installation >35' To 40', Add	*11.39*	
		For Elevated Installation >40', Add	*12.52*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.83*	
26 05 33 13-0499	EA	1-1/2" x 1-1/4" Rigid Galvanized Steel (RGS) Reducing Bushing	29.28	11.91
		For Work In Restricted Working Space, Add	*7.15*	
		For Elevated Installation >10' To 15', Add	*2.38*	
		For Elevated Installation >15' To 20', Add	*4.76*	
		For Elevated Installation >20' To 25', Add	*5.96*	
		For Elevated Installation >25' To 30', Add	*8.34*	
		For Elevated Installation >30' To 35', Add	*9.53*	
		For Elevated Installation >35' To 40', Add	*11.91*	
		For Elevated Installation >40', Add	*13.10*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.15*	
26 05 33 13-0500	EA	2" x 1/2" Rigid Galvanized Steel (RGS) Reducing Bushing	35.81	11.91
		For Work In Restricted Working Space, Add	*7.15*	
		For Elevated Installation >10' To 15', Add	*2.38*	
		For Elevated Installation >15' To 20', Add	*4.76*	
		For Elevated Installation >20' To 25', Add	*5.96*	
		For Elevated Installation >25' To 30', Add	*8.34*	
		For Elevated Installation >30' To 35', Add	*9.53*	
		For Elevated Installation >35' To 40', Add	*11.91*	
		For Elevated Installation >40', Add	*13.10*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.15*	
26 05 33 13-0501	EA	2" x 3/4" Rigid Galvanized Steel (RGS) Reducing Bushing	36.34	12.17
		For Work In Restricted Working Space, Add	*7.31*	
		For Elevated Installation >10' To 15', Add	*2.44*	
		For Elevated Installation >15' To 20', Add	*4.87*	
		For Elevated Installation >20' To 25', Add	*6.09*	
		For Elevated Installation >25' To 30', Add	*8.52*	
		For Elevated Installation >30' To 35', Add	*9.74*	
		For Elevated Installation >35' To 40', Add	*12.18*	
		For Elevated Installation >40', Add	*13.39*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.31*	
26 05 33 13-0502	EA	2" x 1" Rigid Galvanized Steel (RGS) Reducing Bushing	37.41	12.70
		For Work In Restricted Working Space, Add	*7.63*	
		For Elevated Installation >10' To 15', Add	*2.54*	
		For Elevated Installation >15' To 20', Add	*5.08*	
		For Elevated Installation >20' To 25', Add	*6.36*	
		For Elevated Installation >25' To 30', Add	*8.90*	
		For Elevated Installation >30' To 35', Add	*10.17*	
		For Elevated Installation >35' To 40', Add	*12.71*	
		For Elevated Installation >40', Add	*13.98*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.63*	
26 05 33 13-0503	EA	2" x 1-1/4" Rigid Galvanized Steel (RGS) Reducing Bushing	38.46	13.24
		For Work In Restricted Working Space, Add	*7.94*	
		For Elevated Installation >10' To 15', Add	*2.65*	
		For Elevated Installation >15' To 20', Add	*5.29*	
		For Elevated Installation >20' To 25', Add	*6.62*	
		For Elevated Installation >25' To 30', Add	*9.26*	
		For Elevated Installation >30' To 35', Add	*10.59*	
		For Elevated Installation >35' To 40', Add	*13.24*	
		For Elevated Installation >40', Add	*14.56*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.94*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0504	EA	2" x 1-1/2" Rigid Galvanized Steel (RGS) Reducing Bushing	41.11	14.56
		For Work In Restricted Working Space, Add	*8.74*	
		For Elevated Installation >10' To 15', Add	*2.91*	
		For Elevated Installation >15' To 20', Add	*5.82*	
		For Elevated Installation >20' To 25', Add	*7.28*	
		For Elevated Installation >25' To 30', Add	*10.19*	
		For Elevated Installation >30' To 35', Add	*11.65*	
		For Elevated Installation >35' To 40', Add	*14.56*	
		For Elevated Installation >40', Add	*16.02*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.74*	
26 05 33 13-0505	EA	2-1/2" x 2" Rigid Galvanized Steel (RGS) Reducing Bushing	52.18	17.21
		For Work In Restricted Working Space, Add	*10.32*	
		For Elevated Installation >10' To 15', Add	*3.44*	
		For Elevated Installation >15' To 20', Add	*6.88*	
		For Elevated Installation >20' To 25', Add	*8.60*	
		For Elevated Installation >25' To 30', Add	*12.04*	
		For Elevated Installation >30' To 35', Add	*13.76*	
		For Elevated Installation >35' To 40', Add	*17.21*	
		For Elevated Installation >40', Add	*18.93*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.32*	

26 05 33 13-0506 Rigid Galvanized Steel (RGS) Locknuts *(26 05 33 13-0060)*

26 05 33 13-0507	EA	1/2" Rigid Galvanized Steel (RGS) Locknuts	2.21	1.06
		For Work In Restricted Working Space, Add	*0.64*	
		For Elevated Installation >10' To 15', Add	*0.21*	
		For Elevated Installation >15' To 20', Add	*0.42*	
		For Elevated Installation >20' To 25', Add	*0.53*	
		For Elevated Installation >25' To 30', Add	*0.74*	
		For Elevated Installation >30' To 35', Add	*0.85*	
		For Elevated Installation >35' To 40', Add	*1.06*	
		For Elevated Installation >40', Add	*1.17*	
26 05 33 13-0508	EA	3/4" Rigid Galvanized Steel (RGS) Locknuts	3.30	1.58
		For Work In Restricted Working Space, Add	*0.95*	
		For Elevated Installation >10' To 15', Add	*0.32*	
		For Elevated Installation >15' To 20', Add	*0.64*	
		For Elevated Installation >20' To 25', Add	*0.80*	
		For Elevated Installation >25' To 30', Add	*1.11*	
		For Elevated Installation >30' To 35', Add	*1.27*	
		For Elevated Installation >35' To 40', Add	*1.59*	
		For Elevated Installation >40', Add	*1.75*	
26 05 33 13-0509	EA	1" Rigid Galvanized Steel (RGS) Locknuts	5.49	2.65
		For Work In Restricted Working Space, Add	*1.59*	
		For Elevated Installation >10' To 15', Add	*0.53*	
		For Elevated Installation >15' To 20', Add	*1.06*	
		For Elevated Installation >20' To 25', Add	*1.32*	
		For Elevated Installation >25' To 30', Add	*1.85*	
		For Elevated Installation >30' To 35', Add	*2.12*	
		For Elevated Installation >35' To 40', Add	*2.65*	
		For Elevated Installation >40', Add	*2.91*	
26 05 33 13-0510	EA	1-1/4" Rigid Galvanized Steel (RGS) Locknuts	7.74	3.71
		For Work In Restricted Working Space, Add	*2.22*	
		For Elevated Installation >10' To 15', Add	*0.74*	
		For Elevated Installation >15' To 20', Add	*1.48*	
		For Elevated Installation >20' To 25', Add	*1.85*	
		For Elevated Installation >25' To 30', Add	*2.59*	
		For Elevated Installation >30' To 35', Add	*2.96*	
		For Elevated Installation >35' To 40', Add	*3.71*	
		For Elevated Installation >40', Add	*4.08*	
26 05 33 13-0511	EA	1-1/2" Rigid Galvanized Steel (RGS) Locknuts	8.90	4.23
		For Work In Restricted Working Space, Add	*2.54*	
		For Elevated Installation >10' To 15', Add	*0.85*	
		For Elevated Installation >15' To 20', Add	*1.69*	
		For Elevated Installation >20' To 25', Add	*2.12*	
		For Elevated Installation >25' To 30', Add	*2.96*	
		For Elevated Installation >30' To 35', Add	*3.39*	
		For Elevated Installation >35' To 40', Add	*4.24*	
		For Elevated Installation >40', Add	*4.66*	
26 05 33 13-0512	EA	2" Rigid Galvanized Steel (RGS) Locknuts	10.06	4.76
		For Work In Restricted Working Space, Add	*2.86*	
		For Elevated Installation >10' To 15', Add	*0.95*	
		For Elevated Installation >15' To 20', Add	*1.91*	
		For Elevated Installation >20' To 25', Add	*2.38*	
		For Elevated Installation >25' To 30', Add	*3.34*	
		For Elevated Installation >30' To 35', Add	*3.81*	
		For Elevated Installation >35' To 40', Add	*4.77*	
		For Elevated Installation >40', Add	*5.24*	
26 05 33 13-0513	EA	2-1/2" Rigid Galvanized Steel (RGS) Locknuts	14.12	6.36
		For Work In Restricted Working Space, Add	*3.81*	
		For Elevated Installation >10' To 15', Add	*1.27*	
		For Elevated Installation >15' To 20', Add	*2.54*	
		For Elevated Installation >20' To 25', Add	*3.18*	
		For Elevated Installation >25' To 30', Add	*4.45*	
		For Elevated Installation >30' To 35', Add	*5.08*	
		For Elevated Installation >35' To 40', Add	*6.35*	
		For Elevated Installation >40', Add	*6.99*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0514	EA	3" Rigid Galvanized Steel (RGS) Locknuts	17.45	7.94
		For Work In Restricted Working Space, Add	*4.76*	
		For Elevated Installation >10' To 15', Add	*1.59*	
		For Elevated Installation >15' To 20', Add	*3.18*	
		For Elevated Installation >20' To 25', Add	*3.97*	
		For Elevated Installation >25' To 30', Add	*5.56*	
		For Elevated Installation >30' To 35', Add	*6.35*	
		For Elevated Installation >35' To 40', Add	*7.94*	
		For Elevated Installation >40', Add	*8.73*	
26 05 33 13-0515	EA	3-1/2" Rigid Galvanized Steel (RGS) Locknuts	20.61	9.00
		For Work In Restricted Working Space, Add	*5.40*	
		For Elevated Installation >10' To 15', Add	*1.80*	
		For Elevated Installation >15' To 20', Add	*3.60*	
		For Elevated Installation >20' To 25', Add	*4.50*	
		For Elevated Installation >25' To 30', Add	*6.30*	
		For Elevated Installation >30' To 35', Add	*7.20*	
		For Elevated Installation >35' To 40', Add	*9.00*	
		For Elevated Installation >40', Add	*9.90*	
26 05 33 13-0516	EA	4" Rigid Galvanized Steel (RGS) Locknuts	23.12	10.06
		For Work In Restricted Working Space, Add	*6.04*	
		For Elevated Installation >10' To 15', Add	*2.01*	
		For Elevated Installation >15' To 20', Add	*4.02*	
		For Elevated Installation >20' To 25', Add	*5.03*	
		For Elevated Installation >25' To 30', Add	*7.04*	
		For Elevated Installation >30' To 35', Add	*8.05*	
		For Elevated Installation >35' To 40', Add	*10.06*	
		For Elevated Installation >40', Add	*11.07*	

26 05 33 13-0517 Rigid Galvanized Steel (RGS) Grounding Locknuts *(26 05 33 13-0060)*

26 05 33 13-0518	EA	1/2" Rigid Galvanized Steel (RGS) Grounding Locknuts	3.42	1.06
		For Work In Restricted Working Space, Add	*0.64*	
		For Elevated Installation >10' To 15', Add	*0.21*	
		For Elevated Installation >15' To 20', Add	*0.42*	
		For Elevated Installation >20' To 25', Add	*0.53*	
		For Elevated Installation >25' To 30', Add	*0.74*	
		For Elevated Installation >30' To 35', Add	*0.85*	
		For Elevated Installation >35' To 40', Add	*1.06*	
		For Elevated Installation >40', Add	*1.17*	
26 05 33 13-0519	EA	3/4" Rigid Galvanized Steel (RGS) Grounding Locknuts	4.74	1.58
		For Work In Restricted Working Space, Add	*0.95*	
		For Elevated Installation >10' To 15', Add	*0.32*	
		For Elevated Installation >15' To 20', Add	*0.64*	
		For Elevated Installation >20' To 25', Add	*0.80*	
		For Elevated Installation >25' To 30', Add	*1.11*	
		For Elevated Installation >30' To 35', Add	*1.27*	
		For Elevated Installation >35' To 40', Add	*1.59*	
		For Elevated Installation >40', Add	*1.75*	
26 05 33 13-0520	EA	1" Rigid Galvanized Steel (RGS) Grounding Locknuts	7.52	2.65
		For Work In Restricted Working Space, Add	*1.59*	
		For Elevated Installation >10' To 15', Add	*0.53*	
		For Elevated Installation >15' To 20', Add	*1.06*	
		For Elevated Installation >20' To 25', Add	*1.32*	
		For Elevated Installation >25' To 30', Add	*1.85*	
		For Elevated Installation >30' To 35', Add	*2.12*	
		For Elevated Installation >35' To 40', Add	*2.65*	
		For Elevated Installation >40', Add	*2.91*	
26 05 33 13-0521	EA	1-1/4" Rigid Galvanized Steel (RGS) Grounding Locknuts	10.52	3.71
		For Work In Restricted Working Space, Add	*2.22*	
		For Elevated Installation >10' To 15', Add	*0.74*	
		For Elevated Installation >15' To 20', Add	*1.48*	
		For Elevated Installation >20' To 25', Add	*1.85*	
		For Elevated Installation >25' To 30', Add	*2.59*	
		For Elevated Installation >30' To 35', Add	*2.96*	
		For Elevated Installation >35' To 40', Add	*3.71*	
		For Elevated Installation >40', Add	*4.08*	
26 05 33 13-0522	EA	1-1/2" Rigid Galvanized Steel (RGS) Grounding Locknuts	11.87	4.23
		For Work In Restricted Working Space, Add	*2.54*	
		For Elevated Installation >10' To 15', Add	*0.85*	
		For Elevated Installation >15' To 20', Add	*1.69*	
		For Elevated Installation >20' To 25', Add	*2.12*	
		For Elevated Installation >25' To 30', Add	*2.96*	
		For Elevated Installation >30' To 35', Add	*3.39*	
		For Elevated Installation >35' To 40', Add	*4.24*	
		For Elevated Installation >40', Add	*4.66*	
26 05 33 13-0523	EA	2" Rigid Galvanized Steel (RGS) Grounding Locknuts	13.96	4.76
		For Work In Restricted Working Space, Add	*2.86*	
		For Elevated Installation >10' To 15', Add	*0.95*	
		For Elevated Installation >15' To 20', Add	*1.91*	
		For Elevated Installation >20' To 25', Add	*2.38*	
		For Elevated Installation >25' To 30', Add	*3.34*	
		For Elevated Installation >30' To 35', Add	*3.81*	
		For Elevated Installation >35' To 40', Add	*4.77*	
		For Elevated Installation >40', Add	*5.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0524	EA	2-1/2" Rigid Galvanized Steel (RGS) Grounding Locknuts	20.94	6.36
		For Work In Restricted Working Space, Add	*3.81*	
		For Elevated Installation >10' To 15', Add	*1.27*	
		For Elevated Installation >15' To 20', Add	*2.54*	
		For Elevated Installation >20' To 25', Add	*3.18*	
		For Elevated Installation >25' To 30', Add	*4.45*	
		For Elevated Installation >30' To 35', Add	*5.08*	
		For Elevated Installation >35' To 40', Add	*6.35*	
		For Elevated Installation >40', Add	*6.99*	
26 05 33 13-0525	EA	3" Rigid Galvanized Steel (RGS) Grounding Locknuts	26.34	7.94
		For Work In Restricted Working Space, Add	*4.76*	
		For Elevated Installation >10' To 15', Add	*1.59*	
		For Elevated Installation >15' To 20', Add	*3.18*	
		For Elevated Installation >20' To 25', Add	*3.97*	
		For Elevated Installation >25' To 30', Add	*5.56*	
		For Elevated Installation >30' To 35', Add	*6.35*	
		For Elevated Installation >35' To 40', Add	*7.94*	
		For Elevated Installation >40', Add	*8.73*	
26 05 33 13-0526	EA	3-1/2" Rigid Galvanized Steel (RGS) Grounding Locknuts	34.99	9.00
		For Work In Restricted Working Space, Add	*5.40*	
		For Elevated Installation >10' To 15', Add	*1.80*	
		For Elevated Installation >15' To 20', Add	*3.60*	
		For Elevated Installation >20' To 25', Add	*4.50*	
		For Elevated Installation >25' To 30', Add	*6.30*	
		For Elevated Installation >30' To 35', Add	*7.20*	
		For Elevated Installation >35' To 40', Add	*9.00*	
		For Elevated Installation >40', Add	*9.90*	
26 05 33 13-0527	EA	4" Rigid Galvanized Steel (RGS) Grounding Locknuts	42.03	10.06
		For Work In Restricted Working Space, Add	*6.04*	
		For Elevated Installation >10' To 15', Add	*2.01*	
		For Elevated Installation >15' To 20', Add	*4.02*	
		For Elevated Installation >20' To 25', Add	*5.03*	
		For Elevated Installation >25' To 30', Add	*7.04*	
		For Elevated Installation >30' To 35', Add	*8.05*	
		For Elevated Installation >35' To 40', Add	*10.06*	
		For Elevated Installation >40', Add	*11.07*	

26 05 33 13-0528 Rigid Galvanized Steel (RGS) Insulated Ground Bushing *(26 05 33 13-0060)*

26 05 33 13-0529	EA	1/2" Rigid Galvanized Steel (RGS) Insulated Ground Bushing	9.61	3.18
		For Work In Restricted Working Space, Add	*1.91*	
		For Elevated Installation >10' To 15', Add	*0.64*	
		For Elevated Installation >15' To 20', Add	*1.27*	
		For Elevated Installation >20' To 25', Add	*1.59*	
		For Elevated Installation >25' To 30', Add	*2.23*	
		For Elevated Installation >30' To 35', Add	*2.54*	
		For Elevated Installation >35' To 40', Add	*3.18*	
		For Elevated Installation >40', Add	*3.50*	
26 05 33 13-0530	EA	3/4" Rigid Galvanized Steel (RGS) Insulated Ground Bushing	12.00	4.23
		For Work In Restricted Working Space, Add	*2.54*	
		For Elevated Installation >10' To 15', Add	*0.85*	
		For Elevated Installation >15' To 20', Add	*1.69*	
		For Elevated Installation >20' To 25', Add	*2.12*	
		For Elevated Installation >25' To 30', Add	*2.96*	
		For Elevated Installation >30' To 35', Add	*3.39*	
		For Elevated Installation >35' To 40', Add	*4.24*	
		For Elevated Installation >40', Add	*4.66*	
26 05 33 13-0531	EA	1" Rigid Galvanized Steel (RGS) Insulated Ground Bushing	15.34	5.29
		For Work In Restricted Working Space, Add	*3.18*	
		For Elevated Installation >10' To 15', Add	*1.06*	
		For Elevated Installation >15' To 20', Add	*2.12*	
		For Elevated Installation >20' To 25', Add	*2.65*	
		For Elevated Installation >25' To 30', Add	*3.71*	
		For Elevated Installation >30' To 35', Add	*4.24*	
		For Elevated Installation >35' To 40', Add	*5.30*	
		For Elevated Installation >40', Add	*5.82*	
26 05 33 13-0532	EA	1-1/4" Rigid Galvanized Steel (RGS) Insulated Ground Bushing	22.24	8.47
		For Work In Restricted Working Space, Add	*5.08*	
		For Elevated Installation >10' To 15', Add	*1.69*	
		For Elevated Installation >15' To 20', Add	*3.39*	
		For Elevated Installation >20' To 25', Add	*4.24*	
		For Elevated Installation >25' To 30', Add	*5.93*	
		For Elevated Installation >30' To 35', Add	*6.78*	
		For Elevated Installation >35' To 40', Add	*8.47*	
		For Elevated Installation >40', Add	*9.32*	
26 05 33 13-0533	EA	1-1/2" Rigid Galvanized Steel (RGS) Insulated Ground Bushing	25.06	9.53
		For Work In Restricted Working Space, Add	*5.72*	
		For Elevated Installation >10' To 15', Add	*1.91*	
		For Elevated Installation >15' To 20', Add	*3.81*	
		For Elevated Installation >20' To 25', Add	*4.77*	
		For Elevated Installation >25' To 30', Add	*6.67*	
		For Elevated Installation >30' To 35', Add	*7.62*	
		For Elevated Installation >35' To 40', Add	*9.53*	
		For Elevated Installation >40', Add	*10.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0534	EA	2" Rigid Galvanized Steel (RGS) Insulated Ground Bushing	28.54	10.59
		For Work In Restricted Working Space, Add	*6.35*	
		For Elevated Installation >10' To 15', Add	*2.12*	
		For Elevated Installation >15' To 20', Add	*4.24*	
		For Elevated Installation >20' To 25', Add	*5.30*	
		For Elevated Installation >25' To 30', Add	*7.41*	
		For Elevated Installation >30' To 35', Add	*8.47*	
		For Elevated Installation >35' To 40', Add	*10.59*	
		For Elevated Installation >40', Add	*11.65*	
26 05 33 13-0535	EA	2-1/2" Rigid Galvanized Steel (RGS) Insulated Ground Bushing	39.64	12.70
		For Work In Restricted Working Space, Add	*7.63*	
		For Elevated Installation >10' To 15', Add	*2.54*	
		For Elevated Installation >15' To 20', Add	*5.08*	
		For Elevated Installation >20' To 25', Add	*6.36*	
		For Elevated Installation >25' To 30', Add	*8.90*	
		For Elevated Installation >30' To 35', Add	*10.17*	
		For Elevated Installation >35' To 40', Add	*12.71*	
		For Elevated Installation >40', Add	*13.98*	
26 05 33 13-0536	EA	3" Rigid Galvanized Steel (RGS) Insulated Ground Bushing	48.05	15.88
		For Work In Restricted Working Space, Add	*9.53*	
		For Elevated Installation >10' To 15', Add	*3.18*	
		For Elevated Installation >15' To 20', Add	*6.35*	
		For Elevated Installation >20' To 25', Add	*7.94*	
		For Elevated Installation >25' To 30', Add	*11.12*	
		For Elevated Installation >30' To 35', Add	*12.70*	
		For Elevated Installation >35' To 40', Add	*15.88*	
		For Elevated Installation >40', Add	*17.47*	
26 05 33 13-0537	EA	3-1/2" Rigid Galvanized Steel (RGS) Insulated Ground Bushing	59.18	21.18
		For Work In Restricted Working Space, Add	*12.71*	
		For Elevated Installation >10' To 15', Add	*4.24*	
		For Elevated Installation >15' To 20', Add	*8.47*	
		For Elevated Installation >20' To 25', Add	*10.59*	
		For Elevated Installation >25' To 30', Add	*14.82*	
		For Elevated Installation >30' To 35', Add	*16.94*	
		For Elevated Installation >35' To 40', Add	*21.18*	
		For Elevated Installation >40', Add	*23.29*	
26 05 33 13-0538	EA	4" Rigid Galvanized Steel (RGS) Insulated Ground Bushing	71.97	26.47
		For Work In Restricted Working Space, Add	*15.88*	
		For Elevated Installation >10' To 15', Add	*5.29*	
		For Elevated Installation >15' To 20', Add	*10.59*	
		For Elevated Installation >20' To 25', Add	*13.24*	
		For Elevated Installation >25' To 30', Add	*18.53*	
		For Elevated Installation >30' To 35', Add	*21.18*	
		For Elevated Installation >35' To 40', Add	*26.47*	
		For Elevated Installation >40', Add	*29.12*	
26 05 33 13-0539		Rigid Galvanized Steel (RGS) Threadless Compression Connectors *(26 05 33 13-0060)*		
26 05 33 13-0540	EA	1/2" Rigid Galvanized Steel (RGS) Threadless Compression Connectors	22.58	9.53
		For Work In Restricted Working Space, Add	*5.72*	
		For Elevated Installation >10' To 15', Add	*1.91*	
		For Elevated Installation >15' To 20', Add	*3.81*	
		For Elevated Installation >20' To 25', Add	*4.77*	
		For Elevated Installation >25' To 30', Add	*6.67*	
		For Elevated Installation >30' To 35', Add	*7.62*	
		For Elevated Installation >35' To 40', Add	*9.53*	
		For Elevated Installation >40', Add	*10.48*	
26 05 33 13-0541	EA	3/4" Rigid Galvanized Steel (RGS) Threadless Compression Connectors	26.84	10.59
		For Work In Restricted Working Space, Add	*6.35*	
		For Elevated Installation >10' To 15', Add	*2.12*	
		For Elevated Installation >15' To 20', Add	*4.24*	
		For Elevated Installation >20' To 25', Add	*5.30*	
		For Elevated Installation >25' To 30', Add	*7.41*	
		For Elevated Installation >30' To 35', Add	*8.47*	
		For Elevated Installation >35' To 40', Add	*10.59*	
		For Elevated Installation >40', Add	*11.65*	
26 05 33 13-0542	EA	1" Rigid Galvanized Steel (RGS) Threadless Compression Connectors	35.31	13.24
		For Work In Restricted Working Space, Add	*7.94*	
		For Elevated Installation >10' To 15', Add	*2.65*	
		For Elevated Installation >15' To 20', Add	*5.29*	
		For Elevated Installation >20' To 25', Add	*6.62*	
		For Elevated Installation >25' To 30', Add	*9.26*	
		For Elevated Installation >30' To 35', Add	*10.59*	
		For Elevated Installation >35' To 40', Add	*13.24*	
		For Elevated Installation >40', Add	*14.56*	
26 05 33 13-0543	EA	1-1/4" Rigid Galvanized Steel (RGS) Threadless Compression Connectors	48.40	15.88
		For Work In Restricted Working Space, Add	*9.53*	
		For Elevated Installation >10' To 15', Add	*3.18*	
		For Elevated Installation >15' To 20', Add	*6.35*	
		For Elevated Installation >20' To 25', Add	*7.94*	
		For Elevated Installation >25' To 30', Add	*11.12*	
		For Elevated Installation >30' To 35', Add	*12.70*	
		For Elevated Installation >35' To 40', Add	*15.88*	
		For Elevated Installation >40', Add	*17.47*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0544	EA	1-1/2" Rigid Galvanized Steel (RGS) Threadless Compression Connectors	65.40	21.18
		For Work In Restricted Working Space, Add	*12.71*	
		For Elevated Installation >10' To 15', Add	*4.24*	
		For Elevated Installation >15' To 20', Add	*8.47*	
		For Elevated Installation >20' To 25', Add	*10.59*	
		For Elevated Installation >25' To 30', Add	*14.82*	
		For Elevated Installation >30' To 35', Add	*16.94*	
		For Elevated Installation >35' To 40', Add	*21.18*	
		For Elevated Installation >40', Add	*23.29*	
26 05 33 13-0545	EA	2" Rigid Galvanized Steel (RGS) Threadless Compression Connectors	97.16	26.47
		For Work In Restricted Working Space, Add	*15.88*	
		For Elevated Installation >10' To 15', Add	*5.29*	
		For Elevated Installation >15' To 20', Add	*10.59*	
		For Elevated Installation >20' To 25', Add	*13.24*	
		For Elevated Installation >25' To 30', Add	*18.53*	
		For Elevated Installation >30' To 35', Add	*21.18*	
		For Elevated Installation >35' To 40', Add	*26.47*	
		For Elevated Installation >40', Add	*29.12*	
26 05 33 13-0546	EA	2-1/2" Rigid Galvanized Steel (RGS) Threadless Compression Connectors	165.53	31.76
		For Work In Restricted Working Space, Add	*19.06*	
		For Elevated Installation >10' To 15', Add	*6.35*	
		For Elevated Installation >15' To 20', Add	*12.71*	
		For Elevated Installation >20' To 25', Add	*15.88*	
		For Elevated Installation >25' To 30', Add	*22.24*	
		For Elevated Installation >30' To 35', Add	*25.41*	
		For Elevated Installation >35' To 40', Add	*31.77*	
		For Elevated Installation >40', Add	*34.94*	
26 05 33 13-0547	EA	3" Rigid Galvanized Steel (RGS) Threadless Compression Connectors	209.35	37.06
		For Work In Restricted Working Space, Add	*22.24*	
		For Elevated Installation >10' To 15', Add	*7.41*	
		For Elevated Installation >15' To 20', Add	*14.82*	
		For Elevated Installation >20' To 25', Add	*18.53*	
		For Elevated Installation >25' To 30', Add	*25.94*	
		For Elevated Installation >30' To 35', Add	*29.65*	
		For Elevated Installation >35' To 40', Add	*37.06*	
		For Elevated Installation >40', Add	*40.77*	
26 05 33 13-0548	EA	3-1/2" Rigid Galvanized Steel (RGS) Threadless Compression Connectors	266.73	45.00
		For Work In Restricted Working Space, Add	*27.00*	
		For Elevated Installation >10' To 15', Add	*9.00*	
		For Elevated Installation >15' To 20', Add	*18.00*	
		For Elevated Installation >20' To 25', Add	*22.50*	
		For Elevated Installation >25' To 30', Add	*31.50*	
		For Elevated Installation >30' To 35', Add	*36.00*	
		For Elevated Installation >35' To 40', Add	*45.01*	
		For Elevated Installation >40', Add	*49.51*	
26 05 33 13-0549	EA	4" Rigid Galvanized Steel (RGS) Threadless Compression Connectors	322.24	52.94
		For Work In Restricted Working Space, Add	*31.77*	
		For Elevated Installation >10' To 15', Add	*10.59*	
		For Elevated Installation >15' To 20', Add	*21.18*	
		For Elevated Installation >20' To 25', Add	*26.47*	
		For Elevated Installation >25' To 30', Add	*37.06*	
		For Elevated Installation >30' To 35', Add	*42.36*	
		For Elevated Installation >35' To 40', Add	*52.95*	
		For Elevated Installation >40', Add	*58.24*	

26 05 33 13-0550 Rigid Galvanized Steel (RGS) Compression Coupling *(26 05 33 13-0060)*

26 05 33 13-0551	EA	1/2" Rigid Galvanized Steel (RGS) Compression Coupling	32.14	13.24
		For Work In Restricted Working Space, Add	*7.94*	
		For Elevated Installation >10' To 15', Add	*2.65*	
		For Elevated Installation >15' To 20', Add	*5.29*	
		For Elevated Installation >20' To 25', Add	*6.62*	
		For Elevated Installation >25' To 30', Add	*9.26*	
		For Elevated Installation >30' To 35', Add	*10.59*	
		For Elevated Installation >35' To 40', Add	*13.24*	
		For Elevated Installation >40', Add	*14.56*	
26 05 33 13-0552	EA	3/4" Rigid Galvanized Steel (RGS) Compression Coupling	40.86	15.88
		For Work In Restricted Working Space, Add	*9.53*	
		For Elevated Installation >10' To 15', Add	*3.18*	
		For Elevated Installation >15' To 20', Add	*6.35*	
		For Elevated Installation >20' To 25', Add	*7.94*	
		For Elevated Installation >25' To 30', Add	*11.12*	
		For Elevated Installation >30' To 35', Add	*12.70*	
		For Elevated Installation >35' To 40', Add	*15.88*	
		For Elevated Installation >40', Add	*17.47*	
26 05 33 13-0553	EA	1" Rigid Galvanized Steel (RGS) Compression Coupling	58.22	21.18
		For Work In Restricted Working Space, Add	*12.71*	
		For Elevated Installation >10' To 15', Add	*4.24*	
		For Elevated Installation >15' To 20', Add	*8.47*	
		For Elevated Installation >20' To 25', Add	*10.59*	
		For Elevated Installation >25' To 30', Add	*14.82*	
		For Elevated Installation >30' To 35', Add	*16.94*	
		For Elevated Installation >35' To 40', Add	*21.18*	
		For Elevated Installation >40', Add	*23.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0554	EA	1-1/4" Rigid Galvanized Steel (RGS) Compression Coupling	76.43	26.47
		For Work In Restricted Working Space, Add	*15.88*	
		For Elevated Installation >10' To 15', Add	*5.29*	
		For Elevated Installation >15' To 20', Add	*10.59*	
		For Elevated Installation >20' To 25', Add	*13.24*	
		For Elevated Installation >25' To 30', Add	*18.53*	
		For Elevated Installation >30' To 35', Add	*21.18*	
		For Elevated Installation >35' To 40', Add	*26.47*	
		For Elevated Installation >40', Add	*29.12*	
26 05 33 13-0555	EA	1-1/2" Rigid Galvanized Steel (RGS) Compression Coupling	94.11	31.76
		For Work In Restricted Working Space, Add	*19.06*	
		For Elevated Installation >10' To 15', Add	*6.35*	
		For Elevated Installation >15' To 20', Add	*12.71*	
		For Elevated Installation >20' To 25', Add	*15.88*	
		For Elevated Installation >25' To 30', Add	*22.24*	
		For Elevated Installation >30' To 35', Add	*25.41*	
		For Elevated Installation >35' To 40', Add	*31.77*	
		For Elevated Installation >40', Add	*34.94*	
26 05 33 13-0556	EA	2" Rigid Galvanized Steel (RGS) Compression Coupling	140.99	37.06
		For Work In Restricted Working Space, Add	*22.24*	
		For Elevated Installation >10' To 15', Add	*7.41*	
		For Elevated Installation >15' To 20', Add	*14.82*	
		For Elevated Installation >20' To 25', Add	*18.53*	
		For Elevated Installation >25' To 30', Add	*25.94*	
		For Elevated Installation >30' To 35', Add	*29.65*	
		For Elevated Installation >35' To 40', Add	*37.06*	
		For Elevated Installation >40', Add	*40.77*	
26 05 33 13-0557	EA	2-1/2" Rigid Galvanized Steel (RGS) Compression Coupling	225.57	42.35
		For Work In Restricted Working Space, Add	*25.41*	
		For Elevated Installation >10' To 15', Add	*8.47*	
		For Elevated Installation >15' To 20', Add	*16.94*	
		For Elevated Installation >20' To 25', Add	*21.18*	
		For Elevated Installation >25' To 30', Add	*29.65*	
		For Elevated Installation >30' To 35', Add	*33.88*	
		For Elevated Installation >35' To 40', Add	*42.36*	
		For Elevated Installation >40', Add	*46.59*	
26 05 33 13-0558	EA	3" Rigid Galvanized Steel (RGS) Compression Coupling	259.68	36.53
		For Work In Restricted Working Space, Add	*21.92*	
		For Elevated Installation >10' To 15', Add	*7.31*	
		For Elevated Installation >15' To 20', Add	*14.61*	
		For Elevated Installation >20' To 25', Add	*18.27*	
		For Elevated Installation >25' To 30', Add	*25.57*	
		For Elevated Installation >30' To 35', Add	*29.22*	
		For Elevated Installation >35' To 40', Add	*36.53*	
		For Elevated Installation >40', Add	*40.18*	
26 05 33 13-0559	EA	3-1/2" Rigid Galvanized Steel (RGS) Compression Coupling	356.86	55.59
		For Work In Restricted Working Space, Add	*33.36*	
		For Elevated Installation >10' To 15', Add	*11.12*	
		For Elevated Installation >15' To 20', Add	*22.24*	
		For Elevated Installation >20' To 25', Add	*27.80*	
		For Elevated Installation >25' To 30', Add	*38.92*	
		For Elevated Installation >30' To 35', Add	*44.48*	
		For Elevated Installation >35' To 40', Add	*55.60*	
		For Elevated Installation >40', Add	*61.15*	
26 05 33 13-0560	EA	4" Rigid Galvanized Steel (RGS) Compression Coupling	441.42	63.53
		For Work In Restricted Working Space, Add	*38.12*	
		For Elevated Installation >10' To 15', Add	*12.71*	
		For Elevated Installation >15' To 20', Add	*25.41*	
		For Elevated Installation >20' To 25', Add	*31.77*	
		For Elevated Installation >25' To 30', Add	*44.47*	
		For Elevated Installation >30' To 35', Add	*50.83*	
		For Elevated Installation >35' To 40', Add	*63.54*	
		For Elevated Installation >40', Add	*69.89*	
26 05 33 13-0561		**Zinc Plated Steel Snap-in Knock Out Seal** *(26 05 33 13-0060)*		
26 05 33 13-0562	EA	1/2" Zinc Plated Steel Snap-in Knock Out Seal	5.57	2.65
		For Work In Restricted Working Space, Add	*1.59*	
		For Elevated Installation >10' To 15', Add	*0.53*	
		For Elevated Installation >15' To 20', Add	*1.06*	
		For Elevated Installation >20' To 25', Add	*1.32*	
		For Elevated Installation >25' To 30', Add	*1.85*	
		For Elevated Installation >30' To 35', Add	*2.12*	
		For Elevated Installation >35' To 40', Add	*2.65*	
		For Elevated Installation >40', Add	*2.91*	
26 05 33 13-0563	EA	3/4" Zinc Plated Steel Snap-in Knock Out Seal	6.72	3.18
		For Work In Restricted Working Space, Add	*1.91*	
		For Elevated Installation >10' To 15', Add	*0.64*	
		For Elevated Installation >15' To 20', Add	*1.27*	
		For Elevated Installation >20' To 25', Add	*1.59*	
		For Elevated Installation >25' To 30', Add	*2.23*	
		For Elevated Installation >30' To 35', Add	*2.54*	
		For Elevated Installation >35' To 40', Add	*3.18*	
		For Elevated Installation >40', Add	*3.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0564	EA	1" Zinc Plated Steel Snap-in Knock Out Seal	7.98	3.71
		For Work In Restricted Working Space, Add	*2.22*	
		For Elevated Installation >10' To 15', Add	*0.74*	
		For Elevated Installation >15' To 20', Add	*1.48*	
		For Elevated Installation >20' To 25', Add	*1.85*	
		For Elevated Installation >25' To 30', Add	*2.59*	
		For Elevated Installation >30' To 35', Add	*2.96*	
		For Elevated Installation >35' To 40', Add	*3.71*	
		For Elevated Installation >40', Add	*4.08*	
26 05 33 13-0565	EA	1-1/4" Zinc Plated Steel Snap-in Knock Out Seal	10.28	4.76
		For Work In Restricted Working Space, Add	*2.86*	
		For Elevated Installation >10' To 15', Add	*0.95*	
		For Elevated Installation >15' To 20', Add	*1.91*	
		For Elevated Installation >20' To 25', Add	*2.38*	
		For Elevated Installation >25' To 30', Add	*3.34*	
		For Elevated Installation >30' To 35', Add	*3.81*	
		For Elevated Installation >35' To 40', Add	*4.77*	
		For Elevated Installation >40', Add	*5.24*	
26 05 33 13-0566	EA	1-1/2" Zinc Plated Steel Snap-in Knock Out Seal	11.64	5.29
		For Work In Restricted Working Space, Add	*3.18*	
		For Elevated Installation >10' To 15', Add	*1.06*	
		For Elevated Installation >15' To 20', Add	*2.12*	
		For Elevated Installation >20' To 25', Add	*2.65*	
		For Elevated Installation >25' To 30', Add	*3.71*	
		For Elevated Installation >30' To 35', Add	*4.24*	
		For Elevated Installation >35' To 40', Add	*5.30*	
		For Elevated Installation >40', Add	*5.82*	
26 05 33 13-0567	EA	2" Zinc Plated Steel Snap-in Knock Out Seal	14.17	6.36
		For Work In Restricted Working Space, Add	*3.81*	
		For Elevated Installation >10' To 15', Add	*1.27*	
		For Elevated Installation >15' To 20', Add	*2.54*	
		For Elevated Installation >20' To 25', Add	*3.18*	
		For Elevated Installation >25' To 30', Add	*4.45*	
		For Elevated Installation >30' To 35', Add	*5.08*	
		For Elevated Installation >35' To 40', Add	*6.35*	
		For Elevated Installation >40', Add	*6.99*	

26 05 33 13-0568 Zinc Plated Steel 3-Piece Knock Out Seal *(26 05 33 13-0060)*

26 05 33 13-0569	EA	1/2" Zinc Plated Steel 3-Piece Knock Out Seal	6.94	2.65
		For Work In Restricted Working Space, Add	*1.59*	
		For Elevated Installation >10' To 15', Add	*0.53*	
		For Elevated Installation >15' To 20', Add	*1.06*	
		For Elevated Installation >20' To 25', Add	*1.32*	
		For Elevated Installation >25' To 30', Add	*1.85*	
		For Elevated Installation >30' To 35', Add	*2.12*	
		For Elevated Installation >35' To 40', Add	*2.65*	
		For Elevated Installation >40', Add	*2.91*	
26 05 33 13-0570	EA	3/4" Zinc Plated Steel 3-Piece Knock Out Seal	8.28	3.18
		For Work In Restricted Working Space, Add	*1.91*	
		For Elevated Installation >10' To 15', Add	*0.64*	
		For Elevated Installation >15' To 20', Add	*1.27*	
		For Elevated Installation >20' To 25', Add	*1.59*	
		For Elevated Installation >25' To 30', Add	*2.23*	
		For Elevated Installation >30' To 35', Add	*2.54*	
		For Elevated Installation >35' To 40', Add	*3.18*	
		For Elevated Installation >40', Add	*3.50*	
26 05 33 13-0571	EA	1" Zinc Plated Steel 3-Piece Knock Out Seal	10.06	3.71
		For Work In Restricted Working Space, Add	*2.22*	
		For Elevated Installation >10' To 15', Add	*0.74*	
		For Elevated Installation >15' To 20', Add	*1.48*	
		For Elevated Installation >20' To 25', Add	*1.85*	
		For Elevated Installation >25' To 30', Add	*2.59*	
		For Elevated Installation >30' To 35', Add	*2.96*	
		For Elevated Installation >35' To 40', Add	*3.71*	
		For Elevated Installation >40', Add	*4.08*	
26 05 33 13-0572	EA	1-1/4" Zinc Plated Steel 3-Piece Knock Out Seal	12.94	4.76
		For Work In Restricted Working Space, Add	*2.86*	
		For Elevated Installation >10' To 15', Add	*0.95*	
		For Elevated Installation >15' To 20', Add	*1.91*	
		For Elevated Installation >20' To 25', Add	*2.38*	
		For Elevated Installation >25' To 30', Add	*3.34*	
		For Elevated Installation >30' To 35', Add	*3.81*	
		For Elevated Installation >35' To 40', Add	*4.77*	
		For Elevated Installation >40', Add	*5.24*	
26 05 33 13-0573	EA	1-1/2" Zinc Plated Steel 3-Piece Knock Out Seal	16.03	5.29
		For Work In Restricted Working Space, Add	*3.18*	
		For Elevated Installation >10' To 15', Add	*1.06*	
		For Elevated Installation >15' To 20', Add	*2.12*	
		For Elevated Installation >20' To 25', Add	*2.65*	
		For Elevated Installation >25' To 30', Add	*3.71*	
		For Elevated Installation >30' To 35', Add	*4.24*	
		For Elevated Installation >35' To 40', Add	*5.30*	
		For Elevated Installation >40', Add	*5.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0574	EA	2" Zinc Plated Steel 3-Piece Knock Out Seal	19.40	6.36
		For Work In Restricted Working Space, Add	*3.81*	
		For Elevated Installation >10' To 15', Add	*1.27*	
		For Elevated Installation >15' To 20', Add	*2.54*	
		For Elevated Installation >20' To 25', Add	*3.18*	
		For Elevated Installation >25' To 30', Add	*4.45*	
		For Elevated Installation >30' To 35', Add	*5.08*	
		For Elevated Installation >35' To 40', Add	*6.35*	
		For Elevated Installation >40', Add	*6.99*	
26 05 33 13-0575	EA	2-1/2" Zinc Plated Steel 3-Piece Knock Out Seal	23.76	7.94
		For Work In Restricted Working Space, Add	*4.76*	
		For Elevated Installation >10' To 15', Add	*1.59*	
		For Elevated Installation >15' To 20', Add	*3.18*	
		For Elevated Installation >20' To 25', Add	*3.97*	
		For Elevated Installation >25' To 30', Add	*5.56*	
		For Elevated Installation >30' To 35', Add	*6.35*	
		For Elevated Installation >35' To 40', Add	*7.94*	
		For Elevated Installation >40', Add	*8.73*	
26 05 33 13-0576	EA	3" Zinc Plated Steel 3-Piece Knock Out Seal	27.84	9.00
		For Work In Restricted Working Space, Add	*5.40*	
		For Elevated Installation >10' To 15', Add	*1.80*	
		For Elevated Installation >15' To 20', Add	*3.60*	
		For Elevated Installation >20' To 25', Add	*4.50*	
		For Elevated Installation >25' To 30', Add	*6.30*	
		For Elevated Installation >30' To 35', Add	*7.20*	
		For Elevated Installation >35' To 40', Add	*9.00*	
		For Elevated Installation >40', Add	*9.90*	
26 05 33 13-0577	EA	3-1/2" Zinc Plated Steel 3-Piece Knock Out Seal	33.98	10.06
		For Work In Restricted Working Space, Add	*6.04*	
		For Elevated Installation >10' To 15', Add	*2.01*	
		For Elevated Installation >15' To 20', Add	*4.02*	
		For Elevated Installation >20' To 25', Add	*5.03*	
		For Elevated Installation >25' To 30', Add	*7.04*	
		For Elevated Installation >30' To 35', Add	*8.05*	
		For Elevated Installation >35' To 40', Add	*10.06*	
		For Elevated Installation >40', Add	*11.07*	
26 05 33 13-0578	EA	4" Zinc Plated Steel 3-Piece Knock Out Seal	40.02	11.12
		For Work In Restricted Working Space, Add	*6.67*	
		For Elevated Installation >10' To 15', Add	*2.22*	
		For Elevated Installation >15' To 20', Add	*4.45*	
		For Elevated Installation >20' To 25', Add	*5.56*	
		For Elevated Installation >25' To 30', Add	*7.78*	
		For Elevated Installation >30' To 35', Add	*8.90*	
		For Elevated Installation >35' To 40', Add	*11.12*	
		For Elevated Installation >40', Add	*12.23*	

26 05 33 13-0579 Rigid Galvanized Steel (RGS) Chase Nipples *(26 05 33 13-0060)*

26 05 33 13-0580	EA	1/2" Rigid Galvanized Steel (RGS) Chase Nipple	13.12	6.36
		For Work In Restricted Working Space, Add	*3.81*	
		For Elevated Installation >10' To 15', Add	*1.27*	
		For Elevated Installation >15' To 20', Add	*2.54*	
		For Elevated Installation >20' To 25', Add	*3.18*	
		For Elevated Installation >25' To 30', Add	*4.45*	
		For Elevated Installation >30' To 35', Add	*5.08*	
		For Elevated Installation >35' To 40', Add	*6.35*	
		For Elevated Installation >40', Add	*6.99*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.81*	
26 05 33 13-0581	EA	3/4" Rigid Galvanized Steel (RGS) Chase Nipple	15.53	7.41
		For Work In Restricted Working Space, Add	*4.45*	
		For Elevated Installation >10' To 15', Add	*1.48*	
		For Elevated Installation >15' To 20', Add	*2.96*	
		For Elevated Installation >20' To 25', Add	*3.71*	
		For Elevated Installation >25' To 30', Add	*5.19*	
		For Elevated Installation >30' To 35', Add	*5.93*	
		For Elevated Installation >35' To 40', Add	*7.41*	
		For Elevated Installation >40', Add	*8.15*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.45*	
26 05 33 13-0582	EA	1" Rigid Galvanized Steel (RGS) Chase Nipple	19.54	9.00
		For Work In Restricted Working Space, Add	*5.40*	
		For Elevated Installation >10' To 15', Add	*1.80*	
		For Elevated Installation >15' To 20', Add	*3.60*	
		For Elevated Installation >20' To 25', Add	*4.50*	
		For Elevated Installation >25' To 30', Add	*6.30*	
		For Elevated Installation >30' To 35', Add	*7.20*	
		For Elevated Installation >35' To 40', Add	*9.00*	
		For Elevated Installation >40', Add	*9.90*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0583	EA	1-1/4" Rigid Galvanized Steel (RGS) Chase Nipple	23.85	10.59
		For Work In Restricted Working Space, Add	*6.35*	
		For Elevated Installation >10' To 15', Add	*2.12*	
		For Elevated Installation >15' To 20', Add	*4.24*	
		For Elevated Installation >20' To 25', Add	*5.30*	
		For Elevated Installation >25' To 30', Add	*7.41*	
		For Elevated Installation >30' To 35', Add	*8.47*	
		For Elevated Installation >35' To 40', Add	*10.59*	
		For Elevated Installation >40', Add	*11.65*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.35*	
26 05 33 13-0584	EA	1-1/2" Rigid Galvanized Steel (RGS) Chase Nipple	29.91	13.24
		For Work In Restricted Working Space, Add	*7.94*	
		For Elevated Installation >10' To 15', Add	*2.65*	
		For Elevated Installation >15' To 20', Add	*5.29*	
		For Elevated Installation >20' To 25', Add	*6.62*	
		For Elevated Installation >25' To 30', Add	*9.26*	
		For Elevated Installation >30' To 35', Add	*10.59*	
		For Elevated Installation >35' To 40', Add	*13.24*	
		For Elevated Installation >40', Add	*14.56*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.94*	
26 05 33 13-0585	EA	2" Rigid Galvanized Steel (RGS) Chase Nipple	37.34	15.88
		For Work In Restricted Working Space, Add	*9.53*	
		For Elevated Installation >10' To 15', Add	*3.18*	
		For Elevated Installation >15' To 20', Add	*6.35*	
		For Elevated Installation >20' To 25', Add	*7.94*	
		For Elevated Installation >25' To 30', Add	*11.12*	
		For Elevated Installation >30' To 35', Add	*12.70*	
		For Elevated Installation >35' To 40', Add	*15.88*	
		For Elevated Installation >40', Add	*17.47*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.53*	
26 05 33 13-0586	EA	2-1/2" Rigid Galvanized Steel (RGS) Chase Nipple	47.67	18.53
		For Work In Restricted Working Space, Add	*11.12*	
		For Elevated Installation >10' To 15', Add	*3.71*	
		For Elevated Installation >15' To 20', Add	*7.41*	
		For Elevated Installation >20' To 25', Add	*9.27*	
		For Elevated Installation >25' To 30', Add	*12.97*	
		For Elevated Installation >30' To 35', Add	*14.82*	
		For Elevated Installation >35' To 40', Add	*18.53*	
		For Elevated Installation >40', Add	*20.38*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.12*	
26 05 33 13-0587	EA	3" Rigid Galvanized Steel (RGS) Chase Nipple	53.24	21.18
		For Work In Restricted Working Space, Add	*12.71*	
		For Elevated Installation >10' To 15', Add	*4.24*	
		For Elevated Installation >15' To 20', Add	*8.47*	
		For Elevated Installation >20' To 25', Add	*10.59*	
		For Elevated Installation >25' To 30', Add	*14.82*	
		For Elevated Installation >30' To 35', Add	*16.94*	
		For Elevated Installation >35' To 40', Add	*21.18*	
		For Elevated Installation >40', Add	*23.29*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.71*	
26 05 33 13-0588	EA	3-1/2" Rigid Galvanized Steel (RGS) Chase Nipple	66.90	23.82
		For Work In Restricted Working Space, Add	*14.30*	
		For Elevated Installation >10' To 15', Add	*4.77*	
		For Elevated Installation >15' To 20', Add	*9.53*	
		For Elevated Installation >20' To 25', Add	*11.91*	
		For Elevated Installation >25' To 30', Add	*16.68*	
		For Elevated Installation >30' To 35', Add	*19.06*	
		For Elevated Installation >35' To 40', Add	*23.83*	
		For Elevated Installation >40', Add	*26.21*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.30*	
26 05 33 13-0589	EA	4" Rigid Galvanized Steel (RGS) Chase Nipple	93.28	26.47
		For Work In Restricted Working Space, Add	*15.88*	
		For Elevated Installation >10' To 15', Add	*5.29*	
		For Elevated Installation >15' To 20', Add	*10.59*	
		For Elevated Installation >20' To 25', Add	*13.24*	
		For Elevated Installation >25' To 30', Add	*18.53*	
		For Elevated Installation >30' To 35', Add	*21.18*	
		For Elevated Installation >35' To 40', Add	*26.47*	
		For Elevated Installation >40', Add	*29.12*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.88*	

26 05 33 13-0590 Rigid Galvanized Steel (RGS) Pulling Elbow *(26 05 33 13-0060)*

26 05 33 13-0591	EA	1/2" Rigid Galvanized Steel (RGS) Pulling Elbow	26.38	9.53
		For Work In Restricted Working Space, Add	*5.72*	
		For Elevated Installation >10' To 15', Add	*1.91*	
		For Elevated Installation >15' To 20', Add	*3.81*	
		For Elevated Installation >20' To 25', Add	*4.77*	
		For Elevated Installation >25' To 30', Add	*6.67*	
		For Elevated Installation >30' To 35', Add	*7.62*	
		For Elevated Installation >35' To 40', Add	*9.53*	
		For Elevated Installation >40', Add	*10.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0592	EA	3/4" Rigid Galvanized Steel (RGS) Pulling Elbow	30.64	11.12
		For Work In Restricted Working Space, Add	*6.67*	
		For Elevated Installation >10' To 15', Add	*2.22*	
		For Elevated Installation >15' To 20', Add	*4.45*	
		For Elevated Installation >20' To 25', Add	*5.56*	
		For Elevated Installation >25' To 30', Add	*7.78*	
		For Elevated Installation >30' To 35', Add	*8.90*	
		For Elevated Installation >35' To 40', Add	*11.12*	
		For Elevated Installation >40', Add	*12.23*	
26 05 33 13-0593	EA	1" Rigid Galvanized Steel (RGS) Pulling Elbow	39.37	12.70
		For Work In Restricted Working Space, Add	*7.63*	
		For Elevated Installation >10' To 15', Add	*2.54*	
		For Elevated Installation >15' To 20', Add	*5.08*	
		For Elevated Installation >20' To 25', Add	*6.36*	
		For Elevated Installation >25' To 30', Add	*8.90*	
		For Elevated Installation >30' To 35', Add	*10.17*	
		For Elevated Installation >35' To 40', Add	*12.71*	
		For Elevated Installation >40', Add	*13.98*	
26 05 33 13-0594	EA	1-1/4" Rigid Galvanized Steel (RGS) Pulling Elbow	50.54	15.88
		For Work In Restricted Working Space, Add	*9.53*	
		For Elevated Installation >10' To 15', Add	*3.18*	
		For Elevated Installation >15' To 20', Add	*6.35*	
		For Elevated Installation >20' To 25', Add	*7.94*	
		For Elevated Installation >25' To 30', Add	*11.12*	
		For Elevated Installation >30' To 35', Add	*12.70*	
		For Elevated Installation >35' To 40', Add	*15.88*	
		For Elevated Installation >40', Add	*17.47*	
26 05 33 13-0595	EA	1-1/2" Rigid Galvanized Steel (RGS) Pulling Elbow	67.93	19.06
		For Work In Restricted Working Space, Add	*11.44*	
		For Elevated Installation >10' To 15', Add	*3.81*	
		For Elevated Installation >15' To 20', Add	*7.62*	
		For Elevated Installation >20' To 25', Add	*9.53*	
		For Elevated Installation >25' To 30', Add	*13.34*	
		For Elevated Installation >30' To 35', Add	*15.25*	
		For Elevated Installation >35' To 40', Add	*19.06*	
		For Elevated Installation >40', Add	*20.97*	
26 05 33 13-0596	EA	2" Rigid Galvanized Steel (RGS) Pulling Elbow	91.65	22.24
		For Work In Restricted Working Space, Add	*13.34*	
		For Elevated Installation >10' To 15', Add	*4.45*	
		For Elevated Installation >15' To 20', Add	*8.89*	
		For Elevated Installation >20' To 25', Add	*11.12*	
		For Elevated Installation >25' To 30', Add	*15.56*	
		For Elevated Installation >30' To 35', Add	*17.79*	
		For Elevated Installation >35' To 40', Add	*22.24*	
		For Elevated Installation >40', Add	*24.46*	
26 05 33 13-0597	EA	2-1/2" Rigid Galvanized Steel (RGS) Pulling Elbow	128.72	25.42
		For Work In Restricted Working Space, Add	*15.25*	
		For Elevated Installation >10' To 15', Add	*5.08*	
		For Elevated Installation >15' To 20', Add	*10.17*	
		For Elevated Installation >20' To 25', Add	*12.71*	
		For Elevated Installation >25' To 30', Add	*17.79*	
		For Elevated Installation >30' To 35', Add	*20.33*	
		For Elevated Installation >35' To 40', Add	*25.42*	
		For Elevated Installation >40', Add	*27.96*	
26 05 33 13-0598	EA	3" Rigid Galvanized Steel (RGS) Pulling Elbow	228.54	31.76
		For Work In Restricted Working Space, Add	*19.06*	
		For Elevated Installation >10' To 15', Add	*6.35*	
		For Elevated Installation >15' To 20', Add	*12.71*	
		For Elevated Installation >20' To 25', Add	*15.88*	
		For Elevated Installation >25' To 30', Add	*22.24*	
		For Elevated Installation >30' To 35', Add	*25.41*	
		For Elevated Installation >35' To 40', Add	*31.77*	
		For Elevated Installation >40', Add	*34.94*	

26 05 33 13-0599 Electrical Metallic Tubing (EMT) Thinwall Conduit *(26 05 33 13-0059)*

Note: Exposed installation, branch and feeder conduit. Excludes supporting strap, hanger and fastening.

26 05 33 13-0600 Electrical Metallic Tubing (EMT) Thinwall Conduit *(26 05 33 13-0599)*

Note: Includes field bending conduit up to and including 1". See CSI section 26 05 33 13-2314 for field bending >1".

26 05 33 13-0601	LF	1/2" Electrical Metallic Tubing (EMT) Conduit	5.80	1.91
		For >250 To 500, Deduct	*-0.05*	
		For >500 To 1,000, Deduct	*-0.32*	
		For >1,000, Deduct	*-0.46*	
		For Installation In Metal Stud Wall, Add	*0.48*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*1.19*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.71*	
		For Work In Restricted Working Space, Add	*1.43*	
		For Elevated Installation >10' To 15', Add	*0.48*	
		For Elevated Installation >15' To 20', Add	*0.95*	
		For Elevated Installation >20' To 25', Add	*1.19*	
		For Elevated Installation >25' To 30', Add	*1.67*	
		For Elevated Installation >30' To 35', Add	*1.90*	
		For Elevated Installation >35' To 40', Add	*2.38*	
		For Elevated Installation >40', Add	*2.62*	
		For Factory Applied Color Coating, Add	*0.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0602	LF	3/4" Electrical Metallic Tubing (EMT) Conduit	6.92	2.12
		For >250 To 500, Deduct	*-0.08*	
		For >500 To 1,000, Deduct	*-0.39*	
		For >1,000, Deduct	*-0.56*	
		For Installation In Metal Stud Wall, Add	*0.53*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*1.32*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.79*	
		For Work In Restricted Working Space, Add	*1.59*	
		For Elevated Installation >10' To 15', Add	*0.53*	
		For Elevated Installation >15' To 20', Add	*1.06*	
		For Elevated Installation >20' To 25', Add	*1.32*	
		For Elevated Installation >25' To 30', Add	*1.85*	
		For Elevated Installation >30' To 35', Add	*2.12*	
		For Elevated Installation >35' To 40', Add	*2.65*	
		For Elevated Installation >40', Add	*2.91*	
		For Factory Applied Color Coating, Add	*0.49*	
26 05 33 13-0603	LF	1" Electrical Metallic Tubing (EMT) Conduit	8.54	2.33
		For >250 To 500, Deduct	*-0.14*	
		For >500 To 1,000, Deduct	*-0.49*	
		For >1,000, Deduct	*-0.71*	
		For Installation In Metal Stud Wall, Add	*0.58*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*1.46*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.87*	
		For Work In Restricted Working Space, Add	*1.75*	
		For Elevated Installation >10' To 15', Add	*0.58*	
		For Elevated Installation >15' To 20', Add	*1.17*	
		For Elevated Installation >20' To 25', Add	*1.46*	
		For Elevated Installation >25' To 30', Add	*2.04*	
		For Elevated Installation >30' To 35', Add	*2.33*	
		For Elevated Installation >35' To 40', Add	*2.92*	
		For Elevated Installation >40', Add	*3.21*	
		For Factory Applied Color Coating, Add	*0.81*	
26 05 33 13-0604	LF	1-1/4" Electrical Metallic Tubing (EMT) Conduit	10.85	2.63
		For >250 To 500, Deduct	*-0.21*	
		For >500 To 1,000, Deduct	*-0.65*	
		For >1,000, Deduct	*-0.92*	
		For Installation In Metal Stud Wall, Add	*0.66*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*1.64*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.99*	
		For Work In Restricted Working Space, Add	*1.97*	
		For Elevated Installation >10' To 15', Add	*0.66*	
		For Elevated Installation >15' To 20', Add	*1.31*	
		For Elevated Installation >20' To 25', Add	*1.64*	
		For Elevated Installation >25' To 30', Add	*2.30*	
		For Elevated Installation >30' To 35', Add	*2.63*	
		For Elevated Installation >35' To 40', Add	*3.29*	
		For Elevated Installation >40', Add	*3.61*	
		For Factory Applied Color Coating, Add	*1.28*	
26 05 33 13-0605	LF	1-1/2" Electrical Metallic Tubing (EMT) Conduit	12.74	2.97
		For >250 To 500, Deduct	*-0.27*	
		For >500 To 1,000, Deduct	*-0.77*	
		For >1,000, Deduct	*-1.09*	
		For Installation In Metal Stud Wall, Add	*0.74*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*1.85*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*1.11*	
		For Work In Restricted Working Space, Add	*2.22*	
		For Elevated Installation >10' To 15', Add	*0.74*	
		For Elevated Installation >15' To 20', Add	*1.48*	
		For Elevated Installation >20' To 25', Add	*1.85*	
		For Elevated Installation >25' To 30', Add	*2.59*	
		For Elevated Installation >30' To 35', Add	*2.96*	
		For Elevated Installation >35' To 40', Add	*3.71*	
		For Elevated Installation >40', Add	*4.08*	
		For Factory Applied Color Coating, Add	*1.60*	
26 05 33 13-0606	LF	2" Electrical Metallic Tubing (EMT) Conduit	14.79	3.39
		For >250 To 500, Deduct	*-0.32*	
		For >500 To 1,000, Deduct	*-0.90*	
		For >1,000, Deduct	*-1.27*	
		For Installation In Metal Stud Wall, Add	*0.85*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*2.12*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*1.27*	
		For Work In Restricted Working Space, Add	*2.54*	
		For Elevated Installation >10' To 15', Add	*0.85*	
		For Elevated Installation >15' To 20', Add	*1.69*	
		For Elevated Installation >20' To 25', Add	*2.12*	
		For Elevated Installation >25' To 30', Add	*2.96*	
		For Elevated Installation >30' To 35', Add	*3.39*	
		For Elevated Installation >35' To 40', Add	*4.24*	
		For Elevated Installation >40', Add	*4.66*	
		For Factory Applied Color Coating, Add	*1.90*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0607	LF	2-1/2" Electrical Metallic Tubing (EMT) Conduit	19.42	4.02
		For >250 To 500, Deduct	*-0.47*	
		For >500 To 1,000, Deduct	*-1.21*	
		For >1,000, Deduct	*-1.69*	
		For Installation In Metal Stud Wall, Add	*1.01*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*2.52*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*1.51*	
		For Work In Restricted Working Space, Add	*3.02*	
		For Elevated Installation >10' To 15', Add	*1.01*	
		For Elevated Installation >15' To 20', Add	*2.01*	
		For Elevated Installation >20' To 25', Add	*2.52*	
		For Elevated Installation >25' To 30', Add	*3.52*	
		For Elevated Installation >30' To 35', Add	*4.02*	
		For Elevated Installation >35' To 40', Add	*5.03*	
		For Elevated Installation >40', Add	*5.53*	
		For Factory Applied Color Coating, Add	*2.81*	
26 05 33 13-0608	LF	3" Electrical Metallic Tubing (EMT) Conduit	23.37	4.66
		For >250 To 500, Deduct	*-0.59*	
		For >500 To 1,000, Deduct	*-1.46*	
		For >1,000, Deduct	*-2.05*	
		For Installation In Metal Stud Wall, Add	*1.17*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*2.91*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*1.75*	
		For Work In Restricted Working Space, Add	*3.50*	
		For Elevated Installation >10' To 15', Add	*1.17*	
		For Elevated Installation >15' To 20', Add	*2.33*	
		For Elevated Installation >20' To 25', Add	*2.91*	
		For Elevated Installation >25' To 30', Add	*4.08*	
		For Elevated Installation >30' To 35', Add	*4.66*	
		For Elevated Installation >35' To 40', Add	*5.83*	
		For Elevated Installation >40', Add	*6.41*	
		For Factory Applied Color Coating, Add	*3.52*	
26 05 33 13-0609	LF	3-1/2" Electrical Metallic Tubing (EMT) Conduit	29.43	5.50
		For >250 To 500, Deduct	*-0.78*	
		For >500 To 1,000, Deduct	*-1.86*	
		For >1,000, Deduct	*-2.60*	
		For Installation In Metal Stud Wall, Add	*1.38*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*3.44*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*2.07*	
		For Work In Restricted Working Space, Add	*4.13*	
		For Elevated Installation >10' To 15', Add	*1.38*	
		For Elevated Installation >15' To 20', Add	*2.75*	
		For Elevated Installation >20' To 25', Add	*3.44*	
		For Elevated Installation >25' To 30', Add	*4.82*	
		For Elevated Installation >30' To 35', Add	*5.51*	
		For Elevated Installation >35' To 40', Add	*6.89*	
		For Elevated Installation >40', Add	*7.57*	
		For Factory Applied Color Coating, Add	*4.70*	
26 05 33 13-0610	LF	4" Electrical Metallic Tubing (EMT) Conduit	38.38	8.29
		For >250 To 500, Deduct	*-0.88*	
		For >500 To 1,000, Deduct	*-2.36*	
		For >1,000, Deduct	*-3.32*	
		For Installation In Metal Stud Wall, Add	*2.07*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*5.19*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*3.11*	
		For Work In Restricted Working Space, Add	*6.22*	
		For Elevated Installation >10' To 15', Add	*2.07*	
		For Elevated Installation >15' To 20', Add	*4.15*	
		For Elevated Installation >20' To 25', Add	*5.19*	
		For Elevated Installation >25' To 30', Add	*7.26*	
		For Elevated Installation >30' To 35', Add	*8.30*	
		For Elevated Installation >35' To 40', Add	*10.37*	
		For Elevated Installation >40', Add	*11.41*	
		For Factory Applied Color Coating, Add	*5.29*	

26 05 33 13-0611 Electrical Metallic Tubing (EMT) 90 Degree Elbows *(26 05 33 13-0599)*

See CSI section 26 05 33 13-2314 for conduit field bending.

26 05 33 13-0612	EA	1/2" Electrical Metallic Tubing (EMT) 90 Degree Elbow	13.97	4.66
		For Work In Restricted Working Space, Add	*3.50*	
		For Elevated Installation >10' To 15', Add	*1.17*	
		For Elevated Installation >15' To 20', Add	*2.33*	
		For Elevated Installation >20' To 25', Add	*2.91*	
		For Elevated Installation >25' To 30', Add	*4.08*	
		For Elevated Installation >30' To 35', Add	*4.66*	
		For Elevated Installation >35' To 40', Add	*5.83*	
		For Elevated Installation >40', Add	*6.41*	
26 05 33 13-0613	EA	3/4" Electrical Metallic Tubing (EMT) 90 Degree Elbow	14.76	5.08
		For Work In Restricted Working Space, Add	*3.81*	
		For Elevated Installation >10' To 15', Add	*1.27*	
		For Elevated Installation >15' To 20', Add	*2.54*	
		For Elevated Installation >20' To 25', Add	*3.18*	
		For Elevated Installation >25' To 30', Add	*4.45*	
		For Elevated Installation >30' To 35', Add	*5.08*	
		For Elevated Installation >35' To 40', Add	*6.35*	
		For Elevated Installation >40', Add	*6.99*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0614	EA	1" Electrical Metallic Tubing (EMT) 90 Degree Elbow	18.07	5.93
		For Work In Restricted Working Space, Add	*4.45*	
		For Elevated Installation >10' To 15', Add	*1.48*	
		For Elevated Installation >15' To 20', Add	*2.97*	
		For Elevated Installation >20' To 25', Add	*3.71*	
		For Elevated Installation >25' To 30', Add	*5.19*	
		For Elevated Installation >30' To 35', Add	*5.93*	
		For Elevated Installation >35' To 40', Add	*7.42*	
		For Elevated Installation >40', Add	*8.16*	
26 05 33 13-0615	EA	1-1/4" Electrical Metallic Tubing (EMT) 90 Degree Elbow	19.91	6.36
		For Work In Restricted Working Space, Add	*4.76*	
		For Elevated Installation >10' To 15', Add	*1.59*	
		For Elevated Installation >15' To 20', Add	*3.18*	
		For Elevated Installation >20' To 25', Add	*3.97*	
		For Elevated Installation >25' To 30', Add	*5.56*	
		For Elevated Installation >30' To 35', Add	*6.35*	
		For Elevated Installation >35' To 40', Add	*7.94*	
		For Elevated Installation >40', Add	*8.73*	
26 05 33 13-0616	EA	1-1/2" Electrical Metallic Tubing (EMT) 90 Degree Elbow	23.59	7.62
		For Work In Restricted Working Space, Add	*5.72*	
		For Elevated Installation >10' To 15', Add	*1.91*	
		For Elevated Installation >15' To 20', Add	*3.81*	
		For Elevated Installation >20' To 25', Add	*4.77*	
		For Elevated Installation >25' To 30', Add	*6.67*	
		For Elevated Installation >30' To 35', Add	*7.62*	
		For Elevated Installation >35' To 40', Add	*9.53*	
		For Elevated Installation >40', Add	*10.48*	
26 05 33 13-0617	EA	2" Electrical Metallic Tubing (EMT) 90 Degree Elbow	31.05	9.75
		For Work In Restricted Working Space, Add	*7.31*	
		For Elevated Installation >10' To 15', Add	*2.44*	
		For Elevated Installation >15' To 20', Add	*4.87*	
		For Elevated Installation >20' To 25', Add	*6.09*	
		For Elevated Installation >25' To 30', Add	*8.52*	
		For Elevated Installation >30' To 35', Add	*9.74*	
		For Elevated Installation >35' To 40', Add	*12.18*	
		For Elevated Installation >40', Add	*13.39*	
26 05 33 13-0618	EA	2-1/2" Electrical Metallic Tubing (EMT) 90 Degree Elbow	42.33	11.01
		For Work In Restricted Working Space, Add	*8.26*	
		For Elevated Installation >10' To 15', Add	*2.75*	
		For Elevated Installation >15' To 20', Add	*5.51*	
		For Elevated Installation >20' To 25', Add	*6.88*	
		For Elevated Installation >25' To 30', Add	*9.64*	
		For Elevated Installation >30' To 35', Add	*11.01*	
		For Elevated Installation >35' To 40', Add	*13.77*	
		For Elevated Installation >40', Add	*15.14*	
26 05 33 13-0619	EA	3" Electrical Metallic Tubing (EMT) 90 Degree Elbow	54.61	12.28
		For Work In Restricted Working Space, Add	*9.21*	
		For Elevated Installation >10' To 15', Add	*3.07*	
		For Elevated Installation >15' To 20', Add	*6.14*	
		For Elevated Installation >20' To 25', Add	*7.68*	
		For Elevated Installation >25' To 30', Add	*10.75*	
		For Elevated Installation >30' To 35', Add	*12.28*	
		For Elevated Installation >35' To 40', Add	*15.36*	
		For Elevated Installation >40', Add	*16.89*	
26 05 33 13-0620	EA	3-1/2" Electrical Metallic Tubing (EMT) 90 Degree Elbow	62.15	13.56
		For Work In Restricted Working Space, Add	*10.16*	
		For Elevated Installation >10' To 15', Add	*3.39*	
		For Elevated Installation >15' To 20', Add	*6.78*	
		For Elevated Installation >20' To 25', Add	*8.47*	
		For Elevated Installation >25' To 30', Add	*11.86*	
		For Elevated Installation >30' To 35', Add	*13.55*	
		For Elevated Installation >35' To 40', Add	*16.94*	
		For Elevated Installation >40', Add	*18.63*	
26 05 33 13-0621	EA	4" Electrical Metallic Tubing (EMT) 90 Degree Elbow	129.14	36.29
		For Work In Restricted Working Space, Add	*27.22*	
		For Elevated Installation >10' To 15', Add	*9.07*	
		For Elevated Installation >15' To 20', Add	*18.14*	
		For Elevated Installation >20' To 25', Add	*22.68*	
		For Elevated Installation >25' To 30', Add	*31.75*	
		For Elevated Installation >30' To 35', Add	*36.29*	
		For Elevated Installation >35' To 40', Add	*45.36*	
		For Elevated Installation >40', Add	*49.90*	

26 05 33 13-0622 Electrical Metallic Tubing (EMT) 45 Degree Elbows *(26 05 33 13-0599)*

See CSI section 26 05 33 13-2314 for conduit field bending.

26 05 33 13-0623	EA	1/2" Electrical Metallic Tubing (EMT) 45 Degree Elbow	13.72	4.66
		For Work In Restricted Working Space, Add	*3.50*	
		For Elevated Installation >10' To 15', Add	*1.17*	
		For Elevated Installation >15' To 20', Add	*2.33*	
		For Elevated Installation >20' To 25', Add	*2.91*	
		For Elevated Installation >25' To 30', Add	*4.08*	
		For Elevated Installation >30' To 35', Add	*4.66*	
		For Elevated Installation >35' To 40', Add	*5.83*	
		For Elevated Installation >40', Add	*6.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0624	EA	3/4" Electrical Metallic Tubing (EMT) 45 Degree Elbow	14.91	5.08
		For Work In Restricted Working Space, Add	*3.81*	
		For Elevated Installation >10' To 15', Add	*1.27*	
		For Elevated Installation >15' To 20', Add	*2.54*	
		For Elevated Installation >20' To 25', Add	*3.18*	
		For Elevated Installation >25' To 30', Add	*4.45*	
		For Elevated Installation >30' To 35', Add	*5.08*	
		For Elevated Installation >35' To 40', Add	*6.35*	
		For Elevated Installation >40', Add	*6.99*	
26 05 33 13-0625	EA	1" Electrical Metallic Tubing (EMT) 45 Degree Elbow	18.40	5.93
		For Work In Restricted Working Space, Add	*4.45*	
		For Elevated Installation >10' To 15', Add	*1.48*	
		For Elevated Installation >15' To 20', Add	*2.97*	
		For Elevated Installation >20' To 25', Add	*3.71*	
		For Elevated Installation >25' To 30', Add	*5.19*	
		For Elevated Installation >30' To 35', Add	*5.93*	
		For Elevated Installation >35' To 40', Add	*7.42*	
		For Elevated Installation >40', Add	*8.16*	
26 05 33 13-0626	EA	1-1/4" Electrical Metallic Tubing (EMT) 45 Degree Elbow	20.53	6.36
		For Work In Restricted Working Space, Add	*4.76*	
		For Elevated Installation >10' To 15', Add	*1.59*	
		For Elevated Installation >15' To 20', Add	*3.18*	
		For Elevated Installation >20' To 25', Add	*3.97*	
		For Elevated Installation >25' To 30', Add	*5.56*	
		For Elevated Installation >30' To 35', Add	*6.35*	
		For Elevated Installation >35' To 40', Add	*7.94*	
		For Elevated Installation >40', Add	*8.73*	
26 05 33 13-0627	EA	1-1/2" Electrical Metallic Tubing (EMT) 45 Degree Elbow	24.37	7.62
		For Work In Restricted Working Space, Add	*5.72*	
		For Elevated Installation >10' To 15', Add	*1.91*	
		For Elevated Installation >15' To 20', Add	*3.81*	
		For Elevated Installation >20' To 25', Add	*4.77*	
		For Elevated Installation >25' To 30', Add	*6.67*	
		For Elevated Installation >30' To 35', Add	*7.62*	
		For Elevated Installation >35' To 40', Add	*9.53*	
		For Elevated Installation >40', Add	*10.48*	
26 05 33 13-0628	EA	2" Electrical Metallic Tubing (EMT) 45 Degree Elbow	30.80	9.75
		For Work In Restricted Working Space, Add	*7.31*	
		For Elevated Installation >10' To 15', Add	*2.44*	
		For Elevated Installation >15' To 20', Add	*4.87*	
		For Elevated Installation >20' To 25', Add	*6.09*	
		For Elevated Installation >25' To 30', Add	*8.52*	
		For Elevated Installation >30' To 35', Add	*9.74*	
		For Elevated Installation >35' To 40', Add	*12.18*	
		For Elevated Installation >40', Add	*13.39*	
26 05 33 13-0629	EA	2-1/2" Electrical Metallic Tubing (EMT) 45 Degree Elbow	44.59	11.01
		For Work In Restricted Working Space, Add	*8.26*	
		For Elevated Installation >10' To 15', Add	*2.75*	
		For Elevated Installation >15' To 20', Add	*5.51*	
		For Elevated Installation >20' To 25', Add	*6.88*	
		For Elevated Installation >25' To 30', Add	*9.64*	
		For Elevated Installation >30' To 35', Add	*11.01*	
		For Elevated Installation >35' To 40', Add	*13.77*	
		For Elevated Installation >40', Add	*15.14*	
26 05 33 13-0630	EA	3" Electrical Metallic Tubing (EMT) 45 Degree Elbow	56.41	12.28
		For Work In Restricted Working Space, Add	*9.21*	
		For Elevated Installation >10' To 15', Add	*3.07*	
		For Elevated Installation >15' To 20', Add	*6.14*	
		For Elevated Installation >20' To 25', Add	*7.68*	
		For Elevated Installation >25' To 30', Add	*10.75*	
		For Elevated Installation >30' To 35', Add	*12.28*	
		For Elevated Installation >35' To 40', Add	*15.36*	
		For Elevated Installation >40', Add	*16.89*	
26 05 33 13-0631	EA	3-1/2" Electrical Metallic Tubing (EMT) 45 Degree Elbow	67.04	13.56
		For Work In Restricted Working Space, Add	*10.16*	
		For Elevated Installation >10' To 15', Add	*3.39*	
		For Elevated Installation >15' To 20', Add	*6.78*	
		For Elevated Installation >20' To 25', Add	*8.47*	
		For Elevated Installation >25' To 30', Add	*11.86*	
		For Elevated Installation >30' To 35', Add	*13.55*	
		For Elevated Installation >35' To 40', Add	*16.94*	
		For Elevated Installation >40', Add	*18.63*	
26 05 33 13-0632	EA	4" Electrical Metallic Tubing (EMT) 45 Degree Elbow	125.72	36.29
		For Work In Restricted Working Space, Add	*27.22*	
		For Elevated Installation >10' To 15', Add	*9.07*	
		For Elevated Installation >15' To 20', Add	*18.14*	
		For Elevated Installation >20' To 25', Add	*22.68*	
		For Elevated Installation >25' To 30', Add	*31.75*	
		For Elevated Installation >30' To 35', Add	*36.29*	
		For Elevated Installation >35' To 40', Add	*45.36*	
		For Elevated Installation >40', Add	*49.90*	

26 05 33 13-0633 Electrical Metallic Tubing (EMT) Set Screw Couplings *(26 05 33 13-0599)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0634	EA	1/2" Electrical Metallic Tubing (EMT) Set Screw Coupling	5.56	2.54
		For Work In Restricted Working Space, Add	*1.59*	
		For Elevated Installation >10' To 15', Add	*0.53*	
		For Elevated Installation >15' To 20', Add	*1.06*	
		For Elevated Installation >20' To 25', Add	*1.32*	
		For Elevated Installation >25' To 30', Add	*1.85*	
		For Elevated Installation >30' To 35', Add	*2.12*	
		For Elevated Installation >35' To 40', Add	*2.65*	
		For Elevated Installation >40', Add	*2.91*	
26 05 33 13-0635	EA	3/4" Electrical Metallic Tubing (EMT) Set Screw Coupling	6.75	2.54
		For Work In Restricted Working Space, Add	*1.91*	
		For Elevated Installation >10' To 15', Add	*0.64*	
		For Elevated Installation >15' To 20', Add	*1.27*	
		For Elevated Installation >20' To 25', Add	*1.59*	
		For Elevated Installation >25' To 30', Add	*2.23*	
		For Elevated Installation >30' To 35', Add	*2.54*	
		For Elevated Installation >35' To 40', Add	*3.18*	
		For Elevated Installation >40', Add	*3.50*	
26 05 33 13-0636	EA	1" Electrical Metallic Tubing (EMT) Set Screw Coupling	8.01	2.97
		For Work In Restricted Working Space, Add	*2.22*	
		For Elevated Installation >10' To 15', Add	*0.74*	
		For Elevated Installation >15' To 20', Add	*1.48*	
		For Elevated Installation >20' To 25', Add	*1.85*	
		For Elevated Installation >25' To 30', Add	*2.59*	
		For Elevated Installation >30' To 35', Add	*2.96*	
		For Elevated Installation >35' To 40', Add	*3.71*	
		For Elevated Installation >40', Add	*4.08*	
26 05 33 13-0637	EA	1-1/4" Electrical Metallic Tubing (EMT) Set Screw Coupling	10.84	3.81
		For Work In Restricted Working Space, Add	*2.86*	
		For Elevated Installation >10' To 15', Add	*0.95*	
		For Elevated Installation >15' To 20', Add	*1.91*	
		For Elevated Installation >20' To 25', Add	*2.38*	
		For Elevated Installation >25' To 30', Add	*3.34*	
		For Elevated Installation >30' To 35', Add	*3.81*	
		For Elevated Installation >35' To 40', Add	*4.77*	
		For Elevated Installation >40', Add	*5.24*	
26 05 33 13-0638	EA	1-1/2" Electrical Metallic Tubing (EMT) Set Screw Coupling	13.38	4.66
		For Work In Restricted Working Space, Add	*3.50*	
		For Elevated Installation >10' To 15', Add	*1.17*	
		For Elevated Installation >15' To 20', Add	*2.33*	
		For Elevated Installation >20' To 25', Add	*2.91*	
		For Elevated Installation >25' To 30', Add	*4.08*	
		For Elevated Installation >30' To 35', Add	*4.66*	
		For Elevated Installation >35' To 40', Add	*5.83*	
		For Elevated Installation >40', Add	*6.41*	
26 05 33 13-0639	EA	2" Electrical Metallic Tubing (EMT) Set Screw Coupling	18.18	6.36
		For Work In Restricted Working Space, Add	*4.76*	
		For Elevated Installation >10' To 15', Add	*1.59*	
		For Elevated Installation >15' To 20', Add	*3.18*	
		For Elevated Installation >20' To 25', Add	*3.97*	
		For Elevated Installation >25' To 30', Add	*5.56*	
		For Elevated Installation >30' To 35', Add	*6.35*	
		For Elevated Installation >35' To 40', Add	*7.94*	
		For Elevated Installation >40', Add	*8.73*	
26 05 33 13-0640	EA	2-1/2" Electrical Metallic Tubing (EMT) Set Screw Coupling	25.21	8.47
		For Work In Restricted Working Space, Add	*6.35*	
		For Elevated Installation >10' To 15', Add	*2.12*	
		For Elevated Installation >15' To 20', Add	*4.24*	
		For Elevated Installation >20' To 25', Add	*5.30*	
		For Elevated Installation >25' To 30', Add	*7.41*	
		For Elevated Installation >30' To 35', Add	*8.47*	
		For Elevated Installation >35' To 40', Add	*10.59*	
		For Elevated Installation >40', Add	*11.65*	
26 05 33 13-0641	EA	3" Electrical Metallic Tubing (EMT) Set Screw Coupling	32.72	9.75
		For Work In Restricted Working Space, Add	*7.94*	
		For Elevated Installation >10' To 15', Add	*2.65*	
		For Elevated Installation >15' To 20', Add	*5.29*	
		For Elevated Installation >20' To 25', Add	*6.62*	
		For Elevated Installation >25' To 30', Add	*9.26*	
		For Elevated Installation >30' To 35', Add	*10.59*	
		For Elevated Installation >35' To 40', Add	*13.24*	
		For Elevated Installation >40', Add	*14.56*	
26 05 33 13-0642	EA	3-1/2" Electrical Metallic Tubing (EMT) Set Screw Coupling	36.71	10.59
		For Work In Restricted Working Space, Add	*9.53*	
		For Elevated Installation >10' To 15', Add	*3.18*	
		For Elevated Installation >15' To 20', Add	*6.35*	
		For Elevated Installation >20' To 25', Add	*7.94*	
		For Elevated Installation >25' To 30', Add	*11.12*	
		For Elevated Installation >30' To 35', Add	*12.70*	
		For Elevated Installation >35' To 40', Add	*15.88*	
		For Elevated Installation >40', Add	*17.47*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0643	EA	4" Electrical Metallic Tubing (EMT) Set Screw Coupling	106.14	30.07
		For Work In Restricted Working Space, Add	*29.20*	
		For Elevated Installation >10' To 15', Add	*9.73*	
		For Elevated Installation >15' To 20', Add	*19.46*	
		For Elevated Installation >20' To 25', Add	*24.33*	
		For Elevated Installation >25' To 30', Add	*34.06*	
		For Elevated Installation >30' To 35', Add	*38.93*	
		For Elevated Installation >35' To 40', Add	*48.66*	
		For Elevated Installation >40', Add	*53.53*	

26 05 33 13-0644 Electrical Metallic Tubing (EMT) Compression Couplings *(26 05 33 13-0599)*

26 05 33 13-0645	EA	1/2 Electrical Metallic Tubing (EMT) Compression Coupling	7.02	2.54
		For Work In Restricted Working Space, Add	*1.91*	
		For Elevated Installation >10' To 15', Add	*0.64*	
		For Elevated Installation >15' To 20', Add	*1.27*	
		For Elevated Installation >20' To 25', Add	*1.59*	
		For Elevated Installation >25' To 30', Add	*2.23*	
		For Elevated Installation >30' To 35', Add	*2.54*	
		For Elevated Installation >35' To 40', Add	*3.18*	
		For Elevated Installation >40', Add	*3.50*	
26 05 33 13-0646	EA	3/4" Electrical Metallic Tubing (EMT) Compression Coupling	8.14	2.97
		For Work In Restricted Working Space, Add	*2.22*	
		For Elevated Installation >10' To 15', Add	*0.74*	
		For Elevated Installation >15' To 20', Add	*1.48*	
		For Elevated Installation >20' To 25', Add	*1.85*	
		For Elevated Installation >25' To 30', Add	*2.59*	
		For Elevated Installation >30' To 35', Add	*2.96*	
		For Elevated Installation >35' To 40', Add	*3.71*	
		For Elevated Installation >40', Add	*4.08*	
26 05 33 13-0647	EA	1" Electrical Metallic Tubing (EMT) Compression Coupling	11.60	4.23
		For Work In Restricted Working Space, Add	*3.18*	
		For Elevated Installation >10' To 15', Add	*1.06*	
		For Elevated Installation >15' To 20', Add	*2.12*	
		For Elevated Installation >20' To 25', Add	*2.65*	
		For Elevated Installation >25' To 30', Add	*3.71*	
		For Elevated Installation >30' To 35', Add	*4.24*	
		For Elevated Installation >35' To 40', Add	*5.30*	
		For Elevated Installation >40', Add	*5.82*	
26 05 33 13-0648	EA	1-1/4" Electrical Metallic Tubing (EMT) Compression Coupling	14.81	5.08
		For Work In Restricted Working Space, Add	*3.81*	
		For Elevated Installation >10' To 15', Add	*1.27*	
		For Elevated Installation >15' To 20', Add	*2.54*	
		For Elevated Installation >20' To 25', Add	*3.18*	
		For Elevated Installation >25' To 30', Add	*4.45*	
		For Elevated Installation >30' To 35', Add	*5.08*	
		For Elevated Installation >35' To 40', Add	*6.35*	
		For Elevated Installation >40', Add	*6.99*	
26 05 33 13-0649	EA	1-1/2" Electrical Metallic Tubing (EMT) Compression Coupling	17.79	5.93
		For Work In Restricted Working Space, Add	*4.45*	
		For Elevated Installation >10' To 15', Add	*1.48*	
		For Elevated Installation >15' To 20', Add	*2.96*	
		For Elevated Installation >20' To 25', Add	*3.71*	
		For Elevated Installation >25' To 30', Add	*5.19*	
		For Elevated Installation >30' To 35', Add	*5.93*	
		For Elevated Installation >35' To 40', Add	*7.41*	
		For Elevated Installation >40', Add	*8.15*	
26 05 33 13-0650	EA	2" Electrical Metallic Tubing (EMT) Compression Coupling	23.74	7.62
		For Work In Restricted Working Space, Add	*5.72*	
		For Elevated Installation >10' To 15', Add	*1.91*	
		For Elevated Installation >15' To 20', Add	*3.81*	
		For Elevated Installation >20' To 25', Add	*4.77*	
		For Elevated Installation >25' To 30', Add	*6.67*	
		For Elevated Installation >30' To 35', Add	*7.62*	
		For Elevated Installation >35' To 40', Add	*9.53*	
		For Elevated Installation >40', Add	*10.48*	
26 05 33 13-0651	EA	2-1/2" Electrical Metallic Tubing (EMT) Compression Coupling	37.64	10.17
		For Work In Restricted Working Space, Add	*7.63*	
		For Elevated Installation >10' To 15', Add	*2.54*	
		For Elevated Installation >15' To 20', Add	*5.08*	
		For Elevated Installation >20' To 25', Add	*6.36*	
		For Elevated Installation >25' To 30', Add	*8.90*	
		For Elevated Installation >30' To 35', Add	*10.17*	
		For Elevated Installation >35' To 40', Add	*12.71*	
		For Elevated Installation >40', Add	*13.98*	
26 05 33 13-0652	EA	3" Electrical Metallic Tubing (EMT) Compression Coupling	43.53	11.86
		For Work In Restricted Working Space, Add	*8.90*	
		For Elevated Installation >10' To 15', Add	*2.97*	
		For Elevated Installation >15' To 20', Add	*5.93*	
		For Elevated Installation >20' To 25', Add	*7.41*	
		For Elevated Installation >25' To 30', Add	*10.38*	
		For Elevated Installation >30' To 35', Add	*11.86*	
		For Elevated Installation >35' To 40', Add	*14.83*	
		For Elevated Installation >40', Add	*16.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0653	EA	3-1/2" Electrical Metallic Tubing (EMT) Compression Coupling	54.43	14.82
		For Work In Restricted Working Space, Add	*11.12*	
		For Elevated Installation >10' To 15', Add	*3.71*	
		For Elevated Installation >15' To 20', Add	*7.41*	
		For Elevated Installation >20' To 25', Add	*9.27*	
		For Elevated Installation >25' To 30', Add	*12.97*	
		For Elevated Installation >30' To 35', Add	*14.82*	
		For Elevated Installation >35' To 40', Add	*18.53*	
		For Elevated Installation >40', Add	*20.38*	
26 05 33 13-0654	EA	4" Electrical Metallic Tubing (EMT) Compression Coupling	69.80	19.06
		For Work In Restricted Working Space, Add	*14.30*	
		For Elevated Installation >10' To 15', Add	*4.77*	
		For Elevated Installation >15' To 20', Add	*9.53*	
		For Elevated Installation >20' To 25', Add	*11.91*	
		For Elevated Installation >25' To 30', Add	*16.68*	
		For Elevated Installation >30' To 35', Add	*19.06*	
		For Elevated Installation >35' To 40', Add	*23.83*	
		For Elevated Installation >40', Add	*26.21*	

26 05 33 13-0655 Electrical Metallic Tubing (EMT) Raintight Compression Couplings *(26 05 33 13-0599)*

26 05 33 13-0656	EA	1/2 Electrical Metallic Tubing (EMT) Raintight Compression Coupling	7.97	2.54
		For Work In Restricted Working Space, Add	*1.91*	
		For Elevated Installation >10' To 15', Add	*0.64*	
		For Elevated Installation >15' To 20', Add	*1.27*	
		For Elevated Installation >20' To 25', Add	*1.59*	
		For Elevated Installation >25' To 30', Add	*2.23*	
		For Elevated Installation >30' To 35', Add	*2.54*	
		For Elevated Installation >35' To 40', Add	*3.18*	
		For Elevated Installation >40', Add	*3.50*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.91*	
26 05 33 13-0657	EA	3/4" Electrical Metallic Tubing (EMT) Raintight Compression Coupling	9.18	2.97
		For Work In Restricted Working Space, Add	*2.22*	
		For Elevated Installation >10' To 15', Add	*0.74*	
		For Elevated Installation >15' To 20', Add	*1.48*	
		For Elevated Installation >20' To 25', Add	*1.85*	
		For Elevated Installation >25' To 30', Add	*2.59*	
		For Elevated Installation >30' To 35', Add	*2.96*	
		For Elevated Installation >35' To 40', Add	*3.71*	
		For Elevated Installation >40', Add	*4.08*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.22*	
26 05 33 13-0658	EA	1" Electrical Metallic Tubing (EMT) Raintight Compression Coupling	13.58	4.23
		For Work In Restricted Working Space, Add	*3.18*	
		For Elevated Installation >10' To 15', Add	*1.06*	
		For Elevated Installation >15' To 20', Add	*2.12*	
		For Elevated Installation >20' To 25', Add	*2.65*	
		For Elevated Installation >25' To 30', Add	*3.71*	
		For Elevated Installation >30' To 35', Add	*4.24*	
		For Elevated Installation >35' To 40', Add	*5.30*	
		For Elevated Installation >40', Add	*5.82*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.18*	
26 05 33 13-0659	EA	1-1/4" Electrical Metallic Tubing (EMT) Raintight Compression Coupling	17.21	5.08
		For Work In Restricted Working Space, Add	*3.81*	
		For Elevated Installation >10' To 15', Add	*1.27*	
		For Elevated Installation >15' To 20', Add	*2.54*	
		For Elevated Installation >20' To 25', Add	*3.18*	
		For Elevated Installation >25' To 30', Add	*4.45*	
		For Elevated Installation >30' To 35', Add	*5.08*	
		For Elevated Installation >35' To 40', Add	*6.35*	
		For Elevated Installation >40', Add	*6.99*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.81*	
26 05 33 13-0660	EA	1-1/2" Electrical Metallic Tubing (EMT) Raintight Compression Coupling	22.06	5.93
		For Work In Restricted Working Space, Add	*4.45*	
		For Elevated Installation >10' To 15', Add	*1.48*	
		For Elevated Installation >15' To 20', Add	*2.96*	
		For Elevated Installation >20' To 25', Add	*3.71*	
		For Elevated Installation >25' To 30', Add	*5.19*	
		For Elevated Installation >30' To 35', Add	*5.93*	
		For Elevated Installation >35' To 40', Add	*7.41*	
		For Elevated Installation >40', Add	*8.15*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.45*	
26 05 33 13-0661	EA	2" Electrical Metallic Tubing (EMT) Raintight Compression Coupling	26.89	7.20
		For Work In Restricted Working Space, Add	*5.40*	
		For Elevated Installation >10' To 15', Add	*1.80*	
		For Elevated Installation >15' To 20', Add	*3.60*	
		For Elevated Installation >20' To 25', Add	*4.50*	
		For Elevated Installation >25' To 30', Add	*6.30*	
		For Elevated Installation >30' To 35', Add	*7.20*	
		For Elevated Installation >35' To 40', Add	*9.00*	
		For Elevated Installation >40', Add	*9.90*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0662	EA	2-1/2" Electrical Metallic Tubing (EMT) Raintight Compression Coupling	36.18	9.75
		For Work In Restricted Working Space, Add	*7.31*	
		For Elevated Installation >10' To 15', Add	*2.44*	
		For Elevated Installation >15' To 20', Add	*4.87*	
		For Elevated Installation >20' To 25', Add	*6.09*	
		For Elevated Installation >25' To 30', Add	*8.52*	
		For Elevated Installation >30' To 35', Add	*9.74*	
		For Elevated Installation >35' To 40', Add	*12.18*	
		For Elevated Installation >40', Add	*13.39*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.31*	
26 05 33 13-0663	EA	3" Electrical Metallic Tubing (EMT) Raintight Compression Coupling	45.72	11.86
		For Work In Restricted Working Space, Add	*8.90*	
		For Elevated Installation >10' To 15', Add	*2.97*	
		For Elevated Installation >15' To 20', Add	*5.93*	
		For Elevated Installation >20' To 25', Add	*7.41*	
		For Elevated Installation >25' To 30', Add	*10.38*	
		For Elevated Installation >30' To 35', Add	*11.86*	
		For Elevated Installation >35' To 40', Add	*14.83*	
		For Elevated Installation >40', Add	*16.31*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.90*	
26 05 33 13-0664	EA	3-1/2" Electrical Metallic Tubing (EMT) Raintight Compression Coupling	60.31	14.82
		For Work In Restricted Working Space, Add	*11.12*	
		For Elevated Installation >10' To 15', Add	*3.71*	
		For Elevated Installation >15' To 20', Add	*7.41*	
		For Elevated Installation >20' To 25', Add	*9.27*	
		For Elevated Installation >25' To 30', Add	*12.97*	
		For Elevated Installation >30' To 35', Add	*14.82*	
		For Elevated Installation >35' To 40', Add	*18.53*	
		For Elevated Installation >40', Add	*20.38*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.12*	
26 05 33 13-0665	EA	4" Electrical Metallic Tubing (EMT) Raintight Compression Coupling	73.64	19.06
		For Work In Restricted Working Space, Add	*14.30*	
		For Elevated Installation >10' To 15', Add	*4.77*	
		For Elevated Installation >15' To 20', Add	*9.53*	
		For Elevated Installation >20' To 25', Add	*11.91*	
		For Elevated Installation >25' To 30', Add	*16.68*	
		For Elevated Installation >30' To 35', Add	*19.06*	
		For Elevated Installation >35' To 40', Add	*23.83*	
		For Elevated Installation >40', Add	*26.21*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.30*	

26 05 33 13-0666 Electrical Metallic Tubing (EMT) Insulated Bushing *(26 05 33 13-0599)*

26 05 33 13-0667	EA	1/2" Electrical Metallic Tubing (EMT) Insulated Bushing	7.19	2.86
		For Work In Restricted Working Space, Add	*2.13*	
		For Elevated Installation >10' To 15', Add	*0.71*	
		For Elevated Installation >15' To 20', Add	*1.42*	
		For Elevated Installation >20' To 25', Add	*1.78*	
		For Elevated Installation >25' To 30', Add	*2.49*	
		For Elevated Installation >30' To 35', Add	*2.84*	
		For Elevated Installation >35' To 40', Add	*3.55*	
		For Elevated Installation >40', Add	*3.91*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.13*	
26 05 33 13-0668	EA	3/4" Electrical Metallic Tubing (EMT) Insulated Bushing	7.87	3.07
		For Work In Restricted Working Space, Add	*2.32*	
		For Elevated Installation >10' To 15', Add	*0.77*	
		For Elevated Installation >15' To 20', Add	*1.55*	
		For Elevated Installation >20' To 25', Add	*1.93*	
		For Elevated Installation >25' To 30', Add	*2.71*	
		For Elevated Installation >30' To 35', Add	*3.09*	
		For Elevated Installation >35' To 40', Add	*3.87*	
		For Elevated Installation >40', Add	*4.25*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.32*	
26 05 33 13-0669	EA	1" Electrical Metallic Tubing (EMT) Insulated Bushing	9.87	3.81
		For Work In Restricted Working Space, Add	*2.83*	
		For Elevated Installation >10' To 15', Add	*0.94*	
		For Elevated Installation >15' To 20', Add	*1.88*	
		For Elevated Installation >20' To 25', Add	*2.36*	
		For Elevated Installation >25' To 30', Add	*3.30*	
		For Elevated Installation >30' To 35', Add	*3.77*	
		For Elevated Installation >35' To 40', Add	*4.71*	
		For Elevated Installation >40', Add	*5.18*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.83*	
26 05 33 13-0670	EA	1-1/4" Electrical Metallic Tubing (EMT) Insulated Bushing	12.62	4.87
		For Work In Restricted Working Space, Add	*3.62*	
		For Elevated Installation >10' To 15', Add	*1.21*	
		For Elevated Installation >15' To 20', Add	*2.41*	
		For Elevated Installation >20' To 25', Add	*3.02*	
		For Elevated Installation >25' To 30', Add	*4.22*	
		For Elevated Installation >30' To 35', Add	*4.83*	
		For Elevated Installation >35' To 40', Add	*6.04*	
		For Elevated Installation >40', Add	*6.64*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0671	EA	1-1/2" Electrical Metallic Tubing (EMT) Insulated Bushing	14.96	5.61
		For Work In Restricted Working Space, Add	*4.23*	
		For Elevated Installation >10' To 15', Add	*1.41*	
		For Elevated Installation >15' To 20', Add	*2.82*	
		For Elevated Installation >20' To 25', Add	*3.52*	
		For Elevated Installation >25' To 30', Add	*4.93*	
		For Elevated Installation >30' To 35', Add	*5.64*	
		For Elevated Installation >35' To 40', Add	*7.05*	
		For Elevated Installation >40', Add	*7.75*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.23*	
26 05 33 13-0672	EA	2" Electrical Metallic Tubing (EMT) Insulated Bushing	18.39	6.78
		For Work In Restricted Working Space, Add	*5.08*	
		For Elevated Installation >10' To 15', Add	*1.69*	
		For Elevated Installation >15' To 20', Add	*3.39*	
		For Elevated Installation >20' To 25', Add	*4.24*	
		For Elevated Installation >25' To 30', Add	*5.93*	
		For Elevated Installation >30' To 35', Add	*6.78*	
		For Elevated Installation >35' To 40', Add	*8.47*	
		For Elevated Installation >40', Add	*9.32*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.08*	
26 05 33 13-0673	EA	2-1/2" Electrical Metallic Tubing (EMT) Insulated Bushing	26.64	9.42
		For Work In Restricted Working Space, Add	*7.05*	
		For Elevated Installation >10' To 15', Add	*2.35*	
		For Elevated Installation >15' To 20', Add	*4.70*	
		For Elevated Installation >20' To 25', Add	*5.88*	
		For Elevated Installation >25' To 30', Add	*8.23*	
		For Elevated Installation >30' To 35', Add	*9.40*	
		For Elevated Installation >35' To 40', Add	*11.75*	
		For Elevated Installation >40', Add	*12.93*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.05*	
26 05 33 13-0674	EA	3" Electrical Metallic Tubing (EMT) Insulated Bushing	35.33	12.49
		For Work In Restricted Working Space, Add	*9.40*	
		For Elevated Installation >10' To 15', Add	*3.13*	
		For Elevated Installation >15' To 20', Add	*6.27*	
		For Elevated Installation >20' To 25', Add	*7.84*	
		For Elevated Installation >25' To 30', Add	*10.97*	
		For Elevated Installation >30' To 35', Add	*12.54*	
		For Elevated Installation >35' To 40', Add	*15.67*	
		For Elevated Installation >40', Add	*17.24*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.40*	
26 05 33 13-0675	EA	3-1/2" Electrical Metallic Tubing (EMT) Insulated Bushing	45.27	16.09
		For Work In Restricted Working Space, Add	*12.11*	
		For Elevated Installation >10' To 15', Add	*4.04*	
		For Elevated Installation >15' To 20', Add	*8.07*	
		For Elevated Installation >20' To 25', Add	*10.09*	
		For Elevated Installation >25' To 30', Add	*14.12*	
		For Elevated Installation >30' To 35', Add	*16.14*	
		For Elevated Installation >35' To 40', Add	*20.18*	
		For Elevated Installation >40', Add	*22.19*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.11*	
26 05 33 13-0676	EA	4" Electrical Metallic Tubing (EMT) Insulated Bushing	58.42	21.18
		For Work In Restricted Working Space, Add	*15.88*	
		For Elevated Installation >10' To 15', Add	*5.29*	
		For Elevated Installation >15' To 20', Add	*10.59*	
		For Elevated Installation >20' To 25', Add	*13.24*	
		For Elevated Installation >25' To 30', Add	*18.53*	
		For Elevated Installation >30' To 35', Add	*21.18*	
		For Elevated Installation >35' To 40', Add	*26.47*	
		For Elevated Installation >40', Add	*29.12*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.88*	

26 05 33 13-0677 Electrical Metallic Tubing (EMT) Straight Box Connectors With Set Screw *(26 05 33 13-0599)*

26 05 33 13-0678	EA	1/2" Electrical Metallic Tubing (EMT) Straight Box Connector With Set Screw	5.50	2.12
		For Work In Restricted Working Space, Add	*1.59*	
		For Elevated Installation >10' To 15', Add	*0.53*	
		For Elevated Installation >15' To 20', Add	*1.06*	
		For Elevated Installation >20' To 25', Add	*1.32*	
		For Elevated Installation >25' To 30', Add	*1.85*	
		For Elevated Installation >30' To 35', Add	*2.12*	
		For Elevated Installation >35' To 40', Add	*2.65*	
		For Elevated Installation >40', Add	*2.91*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.59*	
26 05 33 13-0679	EA	3/4" Electrical Metallic Tubing (EMT) Straight Box Connector With Set Screw	6.70	2.54
		For Work In Restricted Working Space, Add	*1.91*	
		For Elevated Installation >10' To 15', Add	*0.64*	
		For Elevated Installation >15' To 20', Add	*1.27*	
		For Elevated Installation >20' To 25', Add	*1.59*	
		For Elevated Installation >25' To 30', Add	*2.23*	
		For Elevated Installation >30' To 35', Add	*2.54*	
		For Elevated Installation >35' To 40', Add	*3.18*	
		For Elevated Installation >40', Add	*3.50*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.91*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0680	EA	1" Electrical Metallic Tubing (EMT) Straight Box Connector With Set Screw	8.01	2.97
		For Work In Restricted Working Space, Add	*2.22*	
		For Elevated Installation >10' To 15', Add	*0.74*	
		For Elevated Installation >15' To 20', Add	*1.48*	
		For Elevated Installation >20' To 25', Add	*1.85*	
		For Elevated Installation >25' To 30', Add	*2.59*	
		For Elevated Installation >30' To 35', Add	*2.96*	
		For Elevated Installation >35' To 40', Add	*3.71*	
		For Elevated Installation >40', Add	*4.08*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.22*	
26 05 33 13-0681	EA	1-1/4" Electrical Metallic Tubing (EMT) Straight Box Connector With Set Screw	11.69	4.23
		For Work In Restricted Working Space, Add	*3.18*	
		For Elevated Installation >10' To 15', Add	*1.06*	
		For Elevated Installation >15' To 20', Add	*2.12*	
		For Elevated Installation >20' To 25', Add	*2.65*	
		For Elevated Installation >25' To 30', Add	*3.71*	
		For Elevated Installation >30' To 35', Add	*4.24*	
		For Elevated Installation >35' To 40', Add	*5.30*	
		For Elevated Installation >40', Add	*5.82*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.18*	
26 05 33 13-0682	EA	1-1/2" Electrical Metallic Tubing (EMT) Straight Box Connector With Set Screw	14.30	5.08
		For Work In Restricted Working Space, Add	*3.81*	
		For Elevated Installation >10' To 15', Add	*1.27*	
		For Elevated Installation >15' To 20', Add	*2.54*	
		For Elevated Installation >20' To 25', Add	*3.18*	
		For Elevated Installation >25' To 30', Add	*4.45*	
		For Elevated Installation >30' To 35', Add	*5.08*	
		For Elevated Installation >35' To 40', Add	*6.35*	
		For Elevated Installation >40', Add	*6.99*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.81*	
26 05 33 13-0683	EA	2" Electrical Metallic Tubing (EMT) Straight Box Connector With Set Screw	18.25	6.36
		For Work In Restricted Working Space, Add	*4.76*	
		For Elevated Installation >10' To 15', Add	*1.59*	
		For Elevated Installation >15' To 20', Add	*3.18*	
		For Elevated Installation >20' To 25', Add	*3.97*	
		For Elevated Installation >25' To 30', Add	*5.56*	
		For Elevated Installation >30' To 35', Add	*6.35*	
		For Elevated Installation >35' To 40', Add	*7.94*	
		For Elevated Installation >40', Add	*8.73*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.76*	
26 05 33 13-0684	EA	2-1/2" Electrical Metallic Tubing (EMT) Straight Box Connector With Set Screw	27.78	8.47
		For Work In Restricted Working Space, Add	*6.35*	
		For Elevated Installation >10' To 15', Add	*2.12*	
		For Elevated Installation >15' To 20', Add	*4.24*	
		For Elevated Installation >20' To 25', Add	*5.30*	
		For Elevated Installation >25' To 30', Add	*7.41*	
		For Elevated Installation >30' To 35', Add	*8.47*	
		For Elevated Installation >35' To 40', Add	*10.59*	
		For Elevated Installation >40', Add	*11.65*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.35*	
26 05 33 13-0685	EA	3" Electrical Metallic Tubing (EMT) Straight Box Connector With Set Screw	34.54	10.59
		For Work In Restricted Working Space, Add	*7.94*	
		For Elevated Installation >10' To 15', Add	*2.65*	
		For Elevated Installation >15' To 20', Add	*5.29*	
		For Elevated Installation >20' To 25', Add	*6.62*	
		For Elevated Installation >25' To 30', Add	*9.26*	
		For Elevated Installation >30' To 35', Add	*10.59*	
		For Elevated Installation >35' To 40', Add	*13.24*	
		For Elevated Installation >40', Add	*14.56*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.94*	
26 05 33 13-0686	EA	3-1/2" Electrical Metallic Tubing (EMT) Straight Box Connector With Set Screw	40.83	12.70
		For Work In Restricted Working Space, Add	*9.53*	
		For Elevated Installation >10' To 15', Add	*3.18*	
		For Elevated Installation >15' To 20', Add	*6.35*	
		For Elevated Installation >20' To 25', Add	*7.94*	
		For Elevated Installation >25' To 30', Add	*11.12*	
		For Elevated Installation >30' To 35', Add	*12.70*	
		For Elevated Installation >35' To 40', Add	*15.88*	
		For Elevated Installation >40', Add	*17.47*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.53*	
26 05 33 13-0687	EA	4" Electrical Metallic Tubing (EMT) Straight Box Connector With Set Screw	47.56	14.82
		For Work In Restricted Working Space, Add	*11.12*	
		For Elevated Installation >10' To 15', Add	*3.71*	
		For Elevated Installation >15' To 20', Add	*7.41*	
		For Elevated Installation >20' To 25', Add	*9.27*	
		For Elevated Installation >25' To 30', Add	*12.97*	
		For Elevated Installation >30' To 35', Add	*14.82*	
		For Elevated Installation >35' To 40', Add	*18.53*	
		For Elevated Installation >40', Add	*20.38*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.12*	

26 05 33 13-0688 Electrical Metallic Tubing (EMT) Insulated Straight Box Connectors With Set Screw *(26 05 33 13-0599)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0689	EA	1/2" Electrical Metallic Tubing (EMT) Insulated Straight Box Connector With Set Screw	7.45	2.86
		For Work In Restricted Working Space, Add	*2.13*	
		For Elevated Installation >10' To 15', Add	*0.71*	
		For Elevated Installation >15' To 20', Add	*1.42*	
		For Elevated Installation >20' To 25', Add	*1.78*	
		For Elevated Installation >25' To 30', Add	*2.49*	
		For Elevated Installation >30' To 35', Add	*2.84*	
		For Elevated Installation >35' To 40', Add	*3.55*	
		For Elevated Installation >40', Add	*3.91*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.13*	
26 05 33 13-0690	EA	3/4" Electrical Metallic Tubing (EMT) Insulated Straight Box Connector With Set Screw	8.29	3.07
		For Work In Restricted Working Space, Add	*2.32*	
		For Elevated Installation >10' To 15', Add	*0.77*	
		For Elevated Installation >15' To 20', Add	*1.55*	
		For Elevated Installation >20' To 25', Add	*1.93*	
		For Elevated Installation >25' To 30', Add	*2.71*	
		For Elevated Installation >30' To 35', Add	*3.09*	
		For Elevated Installation >35' To 40', Add	*3.87*	
		For Elevated Installation >40', Add	*4.25*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.32*	
26 05 33 13-0691	EA	1" Electrical Metallic Tubing (EMT) Insulated Straight Box Connector With Set Screw	10.42	3.81
		For Work In Restricted Working Space, Add	*2.83*	
		For Elevated Installation >10' To 15', Add	*0.94*	
		For Elevated Installation >15' To 20', Add	*1.88*	
		For Elevated Installation >20' To 25', Add	*2.36*	
		For Elevated Installation >25' To 30', Add	*3.30*	
		For Elevated Installation >30' To 35', Add	*3.77*	
		For Elevated Installation >35' To 40', Add	*4.71*	
		For Elevated Installation >40', Add	*5.18*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.83*	
26 05 33 13-0692	EA	1-1/4" Electrical Metallic Tubing (EMT) Insulated Straight Box Connector With Set Screw	13.74	4.87
		For Work In Restricted Working Space, Add	*3.62*	
		For Elevated Installation >10' To 15', Add	*1.21*	
		For Elevated Installation >15' To 20', Add	*2.41*	
		For Elevated Installation >20' To 25', Add	*3.02*	
		For Elevated Installation >25' To 30', Add	*4.22*	
		For Elevated Installation >30' To 35', Add	*4.83*	
		For Elevated Installation >35' To 40', Add	*6.04*	
		For Elevated Installation >40', Add	*6.64*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.62*	
26 05 33 13-0693	EA	1-1/2" Electrical Metallic Tubing (EMT) Insulated Straight Box Connector With Set Screw	16.31	5.61
		For Work In Restricted Working Space, Add	*4.23*	
		For Elevated Installation >10' To 15', Add	*1.41*	
		For Elevated Installation >15' To 20', Add	*2.82*	
		For Elevated Installation >20' To 25', Add	*3.52*	
		For Elevated Installation >25' To 30', Add	*4.93*	
		For Elevated Installation >30' To 35', Add	*5.64*	
		For Elevated Installation >35' To 40', Add	*7.05*	
		For Elevated Installation >40', Add	*7.75*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.23*	
26 05 33 13-0694	EA	2" Electrical Metallic Tubing (EMT) Insulated Straight Box Connector With Set Screw	19.99	6.78
		For Work In Restricted Working Space, Add	*5.08*	
		For Elevated Installation >10' To 15', Add	*1.69*	
		For Elevated Installation >15' To 20', Add	*3.39*	
		For Elevated Installation >20' To 25', Add	*4.24*	
		For Elevated Installation >25' To 30', Add	*5.93*	
		For Elevated Installation >30' To 35', Add	*6.78*	
		For Elevated Installation >35' To 40', Add	*8.47*	
		For Elevated Installation >40', Add	*9.32*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.08*	
26 05 33 13-0695	EA	2-1/2" Electrical Metallic Tubing (EMT) Insulated Straight Box Connector With Set Screw	33.49	9.42
		For Work In Restricted Working Space, Add	*7.05*	
		For Elevated Installation >10' To 15', Add	*2.35*	
		For Elevated Installation >15' To 20', Add	*4.70*	
		For Elevated Installation >20' To 25', Add	*5.88*	
		For Elevated Installation >25' To 30', Add	*8.23*	
		For Elevated Installation >30' To 35', Add	*9.40*	
		For Elevated Installation >35' To 40', Add	*11.75*	
		For Elevated Installation >40', Add	*12.93*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.05*	
26 05 33 13-0696	EA	3" Electrical Metallic Tubing (EMT) Insulated Straight Box Connector With Set Screw	43.29	12.49
		For Work In Restricted Working Space, Add	*9.40*	
		For Elevated Installation >10' To 15', Add	*3.13*	
		For Elevated Installation >15' To 20', Add	*6.27*	
		For Elevated Installation >20' To 25', Add	*7.84*	
		For Elevated Installation >25' To 30', Add	*10.97*	
		For Elevated Installation >30' To 35', Add	*12.54*	
		For Elevated Installation >35' To 40', Add	*15.67*	
		For Elevated Installation >40', Add	*17.24*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0697	EA	3-1/2" Electrical Metallic Tubing (EMT) Insulated Straight Box Connector With Set Screw	55.29	16.09
		For Work In Restricted Working Space, Add	*12.11*	
		For Elevated Installation >10' To 15', Add	*4.04*	
		For Elevated Installation >15' To 20', Add	*8.07*	
		For Elevated Installation >20' To 25', Add	*10.09*	
		For Elevated Installation >25' To 30', Add	*14.12*	
		For Elevated Installation >30' To 35', Add	*16.14*	
		For Elevated Installation >35' To 40', Add	*20.18*	
		For Elevated Installation >40', Add	*22.19*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.11*	
26 05 33 13-0698	EA	4" Electrical Metallic Tubing (EMT) Insulated Straight Box Connector With Set Screw	69.38	21.18
		For Work In Restricted Working Space, Add	*15.88*	
		For Elevated Installation >10' To 15', Add	*5.29*	
		For Elevated Installation >15' To 20', Add	*10.59*	
		For Elevated Installation >20' To 25', Add	*13.24*	
		For Elevated Installation >25' To 30', Add	*18.53*	
		For Elevated Installation >30' To 35', Add	*21.18*	
		For Elevated Installation >35' To 40', Add	*26.47*	
		For Elevated Installation >40', Add	*29.12*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.88*	

26 05 33 13-0699 Electrical Metallic Tubing (EMT) Straight Box Compression Connectors *(26 05 33 13-0599)*

26 05 33 13-0700	EA	1/2" Electrical Metallic Tubing (EMT) Straight Box Compression Connector	6.70	2.54
		For Work In Restricted Working Space, Add	*1.91*	
		For Elevated Installation >10' To 15', Add	*0.64*	
		For Elevated Installation >15' To 20', Add	*1.27*	
		For Elevated Installation >20' To 25', Add	*1.59*	
		For Elevated Installation >25' To 30', Add	*2.23*	
		For Elevated Installation >30' To 35', Add	*2.54*	
		For Elevated Installation >35' To 40', Add	*3.18*	
		For Elevated Installation >40', Add	*3.50*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.91*	
26 05 33 13-0701	EA	3/4" Electrical Metallic Tubing (EMT) Straight Box Compression Connector	7.93	2.97
		For Work In Restricted Working Space, Add	*2.22*	
		For Elevated Installation >10' To 15', Add	*0.74*	
		For Elevated Installation >15' To 20', Add	*1.48*	
		For Elevated Installation >20' To 25', Add	*1.85*	
		For Elevated Installation >25' To 30', Add	*2.59*	
		For Elevated Installation >30' To 35', Add	*2.96*	
		For Elevated Installation >35' To 40', Add	*3.71*	
		For Elevated Installation >40', Add	*4.08*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.22*	
26 05 33 13-0702	EA	1" Electrical Metallic Tubing (EMT) Straight Box Compression Connector	11.33	4.23
		For Work In Restricted Working Space, Add	*3.18*	
		For Elevated Installation >10' To 15', Add	*1.06*	
		For Elevated Installation >15' To 20', Add	*2.12*	
		For Elevated Installation >20' To 25', Add	*2.65*	
		For Elevated Installation >25' To 30', Add	*3.71*	
		For Elevated Installation >30' To 35', Add	*4.24*	
		For Elevated Installation >35' To 40', Add	*5.30*	
		For Elevated Installation >40', Add	*5.82*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.18*	
26 05 33 13-0703	EA	1-1/4" Electrical Metallic Tubing (EMT) Straight Box Compression Connector	14.09	5.08
		For Work In Restricted Working Space, Add	*3.81*	
		For Elevated Installation >10' To 15', Add	*1.27*	
		For Elevated Installation >15' To 20', Add	*2.54*	
		For Elevated Installation >20' To 25', Add	*3.18*	
		For Elevated Installation >25' To 30', Add	*4.45*	
		For Elevated Installation >30' To 35', Add	*5.08*	
		For Elevated Installation >35' To 40', Add	*6.35*	
		For Elevated Installation >40', Add	*6.99*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.81*	
26 05 33 13-0704	EA	1-1/2" Electrical Metallic Tubing (EMT) Straight Box Compression Connector	16.78	5.93
		For Work In Restricted Working Space, Add	*4.45*	
		For Elevated Installation >10' To 15', Add	*1.48*	
		For Elevated Installation >15' To 20', Add	*2.96*	
		For Elevated Installation >20' To 25', Add	*3.71*	
		For Elevated Installation >25' To 30', Add	*5.19*	
		For Elevated Installation >30' To 35', Add	*5.93*	
		For Elevated Installation >35' To 40', Add	*7.41*	
		For Elevated Installation >40', Add	*8.15*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.45*	
26 05 33 13-0705	EA	2" Electrical Metallic Tubing (EMT) Straight Box Compression Connector	21.90	7.62
		For Work In Restricted Working Space, Add	*5.72*	
		For Elevated Installation >10' To 15', Add	*1.91*	
		For Elevated Installation >15' To 20', Add	*3.81*	
		For Elevated Installation >20' To 25', Add	*4.77*	
		For Elevated Installation >25' To 30', Add	*6.67*	
		For Elevated Installation >30' To 35', Add	*7.62*	
		For Elevated Installation >35' To 40', Add	*9.53*	
		For Elevated Installation >40', Add	*10.48*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.72*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0706	EA	2-1/2" Electrical Metallic Tubing (EMT) Straight Box Compression Connector	33.96	10.17
		For Work In Restricted Working Space, Add	*7.63*	
		For Elevated Installation >10' To 15', Add	*2.54*	
		For Elevated Installation >15' To 20', Add	*5.08*	
		For Elevated Installation >20' To 25', Add	*6.36*	
		For Elevated Installation >25' To 30', Add	*8.90*	
		For Elevated Installation >30' To 35', Add	*10.17*	
		For Elevated Installation >35' To 40', Add	*12.71*	
		For Elevated Installation >40', Add	*13.98*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.63*	
26 05 33 13-0707	EA	3" Electrical Metallic Tubing (EMT) Straight Box Compression Connector	42.94	12.70
		For Work In Restricted Working Space, Add	*9.53*	
		For Elevated Installation >10' To 15', Add	*3.18*	
		For Elevated Installation >15' To 20', Add	*6.35*	
		For Elevated Installation >20' To 25', Add	*7.94*	
		For Elevated Installation >25' To 30', Add	*11.12*	
		For Elevated Installation >30' To 35', Add	*12.70*	
		For Elevated Installation >35' To 40', Add	*15.88*	
		For Elevated Installation >40', Add	*17.47*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.53*	
26 05 33 13-0708	EA	3-1/2" Electrical Metallic Tubing (EMT) Straight Box Compression Connector	54.28	14.82
		For Work In Restricted Working Space, Add	*11.12*	
		For Elevated Installation >10' To 15', Add	*3.71*	
		For Elevated Installation >15' To 20', Add	*7.41*	
		For Elevated Installation >20' To 25', Add	*9.27*	
		For Elevated Installation >25' To 30', Add	*12.97*	
		For Elevated Installation >30' To 35', Add	*14.82*	
		For Elevated Installation >35' To 40', Add	*18.53*	
		For Elevated Installation >40', Add	*20.38*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.12*	
26 05 33 13-0709	EA	4" Electrical Metallic Tubing (EMT) Straight Box Compression Connector	61.03	16.94
		For Work In Restricted Working Space, Add	*12.71*	
		For Elevated Installation >10' To 15', Add	*4.24*	
		For Elevated Installation >15' To 20', Add	*8.47*	
		For Elevated Installation >20' To 25', Add	*10.59*	
		For Elevated Installation >25' To 30', Add	*14.82*	
		For Elevated Installation >30' To 35', Add	*16.94*	
		For Elevated Installation >35' To 40', Add	*21.18*	
		For Elevated Installation >40', Add	*23.29*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.71*	

26 05 33 13-0710 Electrical Metallic Tubing (EMT) Insulated Straight Box Compression Connectors *(26 05 33 13-0599)*

26 05 33 13-0711	EA	1/2" Electrical Metallic Tubing (EMT) Insulated Straight Box Compression Connector	7.69	2.86
		For Work In Restricted Working Space, Add	*2.13*	
		For Elevated Installation >10' To 15', Add	*0.71*	
		For Elevated Installation >15' To 20', Add	*1.42*	
		For Elevated Installation >20' To 25', Add	*1.78*	
		For Elevated Installation >25' To 30', Add	*2.49*	
		For Elevated Installation >30' To 35', Add	*2.84*	
		For Elevated Installation >35' To 40', Add	*3.55*	
		For Elevated Installation >40', Add	*3.91*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.13*	
26 05 33 13-0712	EA	3/4" Electrical Metallic Tubing (EMT) Insulated Straight Box Compression Connector	8.54	3.07
		For Work In Restricted Working Space, Add	*2.32*	
		For Elevated Installation >10' To 15', Add	*0.77*	
		For Elevated Installation >15' To 20', Add	*1.55*	
		For Elevated Installation >20' To 25', Add	*1.93*	
		For Elevated Installation >25' To 30', Add	*2.71*	
		For Elevated Installation >30' To 35', Add	*3.09*	
		For Elevated Installation >35' To 40', Add	*3.87*	
		For Elevated Installation >40', Add	*4.25*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.32*	
26 05 33 13-0713	EA	1" Electrical Metallic Tubing (EMT) Insulated Straight Box Compression Connector	10.63	3.81
		For Work In Restricted Working Space, Add	*2.83*	
		For Elevated Installation >10' To 15', Add	*0.94*	
		For Elevated Installation >15' To 20', Add	*1.88*	
		For Elevated Installation >20' To 25', Add	*2.36*	
		For Elevated Installation >25' To 30', Add	*3.30*	
		For Elevated Installation >30' To 35', Add	*3.77*	
		For Elevated Installation >35' To 40', Add	*4.71*	
		For Elevated Installation >40', Add	*5.18*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.83*	
26 05 33 13-0714	EA	1-1/4" Electrical Metallic Tubing (EMT) Insulated Straight Box Compression Connector	14.33	4.87
		For Work In Restricted Working Space, Add	*3.62*	
		For Elevated Installation >10' To 15', Add	*1.21*	
		For Elevated Installation >15' To 20', Add	*2.41*	
		For Elevated Installation >20' To 25', Add	*3.02*	
		For Elevated Installation >25' To 30', Add	*4.22*	
		For Elevated Installation >30' To 35', Add	*4.83*	
		For Elevated Installation >35' To 40', Add	*6.04*	
		For Elevated Installation >40', Add	*6.64*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0715	EA	1-1/2" Electrical Metallic Tubing (EMT) Insulated Straight Box Compression Connector	17.29	5.61
		For Work In Restricted Working Space, Add	*4.23*	
		For Elevated Installation >10' To 15', Add	*1.41*	
		For Elevated Installation >15' To 20', Add	*2.82*	
		For Elevated Installation >20' To 25', Add	*3.52*	
		For Elevated Installation >25' To 30', Add	*4.93*	
		For Elevated Installation >30' To 35', Add	*5.64*	
		For Elevated Installation >35' To 40', Add	*7.05*	
		For Elevated Installation >40', Add	*7.75*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.23*	
26 05 33 13-0716	EA	2" Electrical Metallic Tubing (EMT) Insulated Straight Box Compression Connector	21.41	6.78
		For Work In Restricted Working Space, Add	*5.08*	
		For Elevated Installation >10' To 15', Add	*1.69*	
		For Elevated Installation >15' To 20', Add	*3.39*	
		For Elevated Installation >20' To 25', Add	*4.24*	
		For Elevated Installation >25' To 30', Add	*5.93*	
		For Elevated Installation >30' To 35', Add	*6.78*	
		For Elevated Installation >35' To 40', Add	*8.47*	
		For Elevated Installation >40', Add	*9.32*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.08*	
26 05 33 13-0717	EA	2-1/2" Electrical Metallic Tubing (EMT) Insulated Straight Box Compression Connector	38.65	9.42
		For Work In Restricted Working Space, Add	*7.05*	
		For Elevated Installation >10' To 15', Add	*2.35*	
		For Elevated Installation >15' To 20', Add	*4.70*	
		For Elevated Installation >20' To 25', Add	*5.88*	
		For Elevated Installation >25' To 30', Add	*8.23*	
		For Elevated Installation >30' To 35', Add	*9.40*	
		For Elevated Installation >35' To 40', Add	*11.75*	
		For Elevated Installation >40', Add	*12.93*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.05*	
26 05 33 13-0718	EA	3" Electrical Metallic Tubing (EMT) Insulated Straight Box Compression Connector	51.95	12.49
		For Work In Restricted Working Space, Add	*9.40*	
		For Elevated Installation >10' To 15', Add	*3.13*	
		For Elevated Installation >15' To 20', Add	*6.27*	
		For Elevated Installation >20' To 25', Add	*7.84*	
		For Elevated Installation >25' To 30', Add	*10.97*	
		For Elevated Installation >30' To 35', Add	*12.54*	
		For Elevated Installation >35' To 40', Add	*15.67*	
		For Elevated Installation >40', Add	*17.24*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.40*	
26 05 33 13-0719	EA	3-1/2" Electrical Metallic Tubing (EMT) Insulated Straight Box Compression Connector	70.47	16.09
		For Work In Restricted Working Space, Add	*12.11*	
		For Elevated Installation >10' To 15', Add	*4.04*	
		For Elevated Installation >15' To 20', Add	*8.07*	
		For Elevated Installation >20' To 25', Add	*10.09*	
		For Elevated Installation >25' To 30', Add	*14.12*	
		For Elevated Installation >30' To 35', Add	*16.14*	
		For Elevated Installation >35' To 40', Add	*20.18*	
		For Elevated Installation >40', Add	*22.19*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.11*	
26 05 33 13-0720	EA	4" Electrical Metallic Tubing (EMT) Insulated Straight Box Compression Connector	88.17	21.18
		For Work In Restricted Working Space, Add	*15.88*	
		For Elevated Installation >10' To 15', Add	*5.29*	
		For Elevated Installation >15' To 20', Add	*10.59*	
		For Elevated Installation >20' To 25', Add	*13.24*	
		For Elevated Installation >25' To 30', Add	*18.53*	
		For Elevated Installation >30' To 35', Add	*21.18*	
		For Elevated Installation >35' To 40', Add	*26.47*	
		For Elevated Installation >40', Add	*29.12*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.88*	

26 05 33 13-0721 Electrical Metallic Tubing (EMT) Expansion Coupling *(26 05 33 13-0599)*

Note: Excludes jumper.

26 05 33 13-0722	EA	1/2" Electrical Metallic Tubing (EMT) Expansion Coupling	59.13	14.09
		For Work In Restricted Working Space, Add	*10.57*	
		For Elevated Installation >10' To 15', Add	*3.52*	
		For Elevated Installation >15' To 20', Add	*7.05*	
		For Elevated Installation >20' To 25', Add	*8.81*	
		For Elevated Installation >25' To 30', Add	*12.33*	
		For Elevated Installation >30' To 35', Add	*14.10*	
		For Elevated Installation >35' To 40', Add	*17.62*	
		For Elevated Installation >40', Add	*19.38*	
26 05 33 13-0723	EA	3/4" Electrical Metallic Tubing (EMT) Expansion Coupling	71.21	17.05
		For Work In Restricted Working Space, Add	*12.81*	
		For Elevated Installation >10' To 15', Add	*4.27*	
		For Elevated Installation >15' To 20', Add	*8.54*	
		For Elevated Installation >20' To 25', Add	*10.68*	
		For Elevated Installation >25' To 30', Add	*14.95*	
		For Elevated Installation >30' To 35', Add	*17.08*	
		For Elevated Installation >35' To 40', Add	*21.36*	
		For Elevated Installation >40', Add	*23.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0724	EA	1" Electrical Metallic Tubing (EMT) Expansion Coupling	87.42	21.39
		For Work In Restricted Working Space, Add	*16.02*	
		For Elevated Installation >10' To 15', Add	*5.34*	
		For Elevated Installation >15' To 20', Add	*10.68*	
		For Elevated Installation >20' To 25', Add	*13.35*	
		For Elevated Installation >25' To 30', Add	*18.69*	
		For Elevated Installation >30' To 35', Add	*21.36*	
		For Elevated Installation >35' To 40', Add	*26.70*	
		For Elevated Installation >40', Add	*29.36*	
26 05 33 13-0725	EA	1-1/4" Electrical Metallic Tubing (EMT) Expansion Coupling	113.35	26.26
		For Work In Restricted Working Space, Add	*19.70*	
		For Elevated Installation >10' To 15', Add	*6.57*	
		For Elevated Installation >15' To 20', Add	*13.14*	
		For Elevated Installation >20' To 25', Add	*16.42*	
		For Elevated Installation >25' To 30', Add	*22.99*	
		For Elevated Installation >30' To 35', Add	*26.27*	
		For Elevated Installation >35' To 40', Add	*32.84*	
		For Elevated Installation >40', Add	*36.12*	
26 05 33 13-0726	EA	1-1/2" Electrical Metallic Tubing (EMT) Expansion Coupling	141.27	30.81
		For Work In Restricted Working Space, Add	*23.11*	
		For Elevated Installation >10' To 15', Add	*7.70*	
		For Elevated Installation >15' To 20', Add	*15.41*	
		For Elevated Installation >20' To 25', Add	*19.26*	
		For Elevated Installation >25' To 30', Add	*26.96*	
		For Elevated Installation >30' To 35', Add	*30.81*	
		For Elevated Installation >35' To 40', Add	*38.52*	
		For Elevated Installation >40', Add	*42.37*	
26 05 33 13-0727	EA	2" Electrical Metallic Tubing (EMT) Expansion Coupling	177.35	37.48
		For Work In Restricted Working Space, Add	*28.14*	
		For Elevated Installation >10' To 15', Add	*9.38*	
		For Elevated Installation >15' To 20', Add	*18.76*	
		For Elevated Installation >20' To 25', Add	*23.45*	
		For Elevated Installation >25' To 30', Add	*32.83*	
		For Elevated Installation >30' To 35', Add	*37.52*	
		For Elevated Installation >35' To 40', Add	*46.91*	
		For Elevated Installation >40', Add	*51.60*	
26 05 33 13-0728	EA	2-1/2" Electrical Metallic Tubing (EMT) Expansion Coupling	344.08	48.18
		For Work In Restricted Working Space, Add	*36.14*	
		For Elevated Installation >10' To 15', Add	*12.05*	
		For Elevated Installation >15' To 20', Add	*24.10*	
		For Elevated Installation >20' To 25', Add	*30.12*	
		For Elevated Installation >25' To 30', Add	*42.17*	
		For Elevated Installation >30' To 35', Add	*48.19*	
		For Elevated Installation >35' To 40', Add	*60.24*	
		For Elevated Installation >40', Add	*66.26*	
26 05 33 13-0729	EA	3" Electrical Metallic Tubing (EMT) Expansion Coupling	421.45	56.33
		For Work In Restricted Working Space, Add	*42.26*	
		For Elevated Installation >10' To 15', Add	*14.09*	
		For Elevated Installation >15' To 20', Add	*28.17*	
		For Elevated Installation >20' To 25', Add	*35.22*	
		For Elevated Installation >25' To 30', Add	*49.30*	
		For Elevated Installation >30' To 35', Add	*56.35*	
		For Elevated Installation >35' To 40', Add	*70.44*	
		For Elevated Installation >40', Add	*77.48*	
26 05 33 13-0730	EA	3-1/2" Electrical Metallic Tubing (EMT) Expansion Coupling	519.46	61.41
		For Work In Restricted Working Space, Add	*46.08*	
		For Elevated Installation >10' To 15', Add	*15.36*	
		For Elevated Installation >15' To 20', Add	*30.72*	
		For Elevated Installation >20' To 25', Add	*38.40*	
		For Elevated Installation >25' To 30', Add	*53.76*	
		For Elevated Installation >30' To 35', Add	*61.44*	
		For Elevated Installation >35' To 40', Add	*76.80*	
		For Elevated Installation >40', Add	*84.47*	
26 05 33 13-0731	EA	4" Electrical Metallic Tubing (EMT) Expansion Coupling	561.92	67.77
		For Work In Restricted Working Space, Add	*50.84*	
		For Elevated Installation >10' To 15', Add	*16.95*	
		For Elevated Installation >15' To 20', Add	*33.89*	
		For Elevated Installation >20' To 25', Add	*42.37*	
		For Elevated Installation >25' To 30', Add	*59.31*	
		For Elevated Installation >30' To 35', Add	*67.79*	
		For Elevated Installation >35' To 40', Add	*84.74*	
		For Elevated Installation >40', Add	*93.21*	

26 05 33 13-0732 Electrical Metallic Tubing (EMT) To Flexible Conduit Compression Adapters

(26 05 33 13-0599)

26 05 33 13-0733	EA	1/2" To 3/8" Electrical Metallic Tubing (EMT) To Flexible Conduit Compression Adapter	10.84	3.81
		For Work In Restricted Working Space, Add	*2.82*	
		For Elevated Installation >10' To 15', Add	*0.94*	
		For Elevated Installation >15' To 20', Add	*1.88*	
		For Elevated Installation >20' To 25', Add	*2.35*	
		For Elevated Installation >25' To 30', Add	*3.29*	
		For Elevated Installation >30' To 35', Add	*3.76*	
		For Elevated Installation >35' To 40', Add	*4.70*	
		For Elevated Installation >40', Add	*5.17*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0734	EA	1/2" Electrical Metallic Tubing (EMT) To Flexible Conduit Compression Adapter	11.62	3.81
		For Work In Restricted Working Space, Add	*2.82*	
		For Elevated Installation >10' To 15', Add	*0.94*	
		For Elevated Installation >15' To 20', Add	*1.88*	
		For Elevated Installation >20' To 25', Add	*2.35*	
		For Elevated Installation >25' To 30', Add	*3.29*	
		For Elevated Installation >30' To 35', Add	*3.76*	
		For Elevated Installation >35' To 40', Add	*4.70*	
		For Elevated Installation >40', Add	*5.17*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.82*	
26 05 33 13-0735	EA	3/4" Electrical Metallic Tubing (EMT) To Flexible Conduit Compression Adapter	13.00	4.13
		For Work In Restricted Working Space, Add	*3.14*	
		For Elevated Installation >10' To 15', Add	*1.05*	
		For Elevated Installation >15' To 20', Add	*2.09*	
		For Elevated Installation >20' To 25', Add	*2.61*	
		For Elevated Installation >25' To 30', Add	*3.66*	
		For Elevated Installation >30' To 35', Add	*4.18*	
		For Elevated Installation >35' To 40', Add	*5.23*	
		For Elevated Installation >40', Add	*5.75*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.14*	
26 05 33 13-0736	EA	1" Electrical Metallic Tubing (EMT) To Flexible Conduit Compression Adapter	15.16	4.76
		For Work In Restricted Working Space, Add	*3.57*	
		For Elevated Installation >10' To 15', Add	*1.19*	
		For Elevated Installation >15' To 20', Add	*2.38*	
		For Elevated Installation >20' To 25', Add	*2.97*	
		For Elevated Installation >25' To 30', Add	*4.16*	
		For Elevated Installation >30' To 35', Add	*4.76*	
		For Elevated Installation >35' To 40', Add	*5.95*	
		For Elevated Installation >40', Add	*6.54*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.57*	
26 05 33 13-0737	EA	1-1/4" Electrical Metallic Tubing (EMT) To Flexible Conduit Compression Adapter	21.80	5.72
		For Work In Restricted Working Space, Add	*4.31*	
		For Elevated Installation >10' To 15', Add	*1.44*	
		For Elevated Installation >15' To 20', Add	*2.88*	
		For Elevated Installation >20' To 25', Add	*3.60*	
		For Elevated Installation >25' To 30', Add	*5.03*	
		For Elevated Installation >30' To 35', Add	*5.75*	
		For Elevated Installation >35' To 40', Add	*7.19*	
		For Elevated Installation >40', Add	*7.91*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.31*	
26 05 33 13-0738	EA	1-1/2" Electrical Metallic Tubing (EMT) To Flexible Conduit Compression Adapter	26.75	6.57
		For Work In Restricted Working Space, Add	*4.93*	
		For Elevated Installation >10' To 15', Add	*1.64*	
		For Elevated Installation >15' To 20', Add	*3.29*	
		For Elevated Installation >20' To 25', Add	*4.11*	
		For Elevated Installation >25' To 30', Add	*5.75*	
		For Elevated Installation >30' To 35', Add	*6.57*	
		For Elevated Installation >35' To 40', Add	*8.22*	
		For Elevated Installation >40', Add	*9.04*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.93*	
26 05 33 13-0739	EA	2" Electrical Metallic Tubing (EMT) To Flexible Conduit Compression Adapter	34.93	8.26
		For Work In Restricted Working Space, Add	*6.16*	
		For Elevated Installation >10' To 15', Add	*2.05*	
		For Elevated Installation >15' To 20', Add	*4.11*	
		For Elevated Installation >20' To 25', Add	*5.14*	
		For Elevated Installation >25' To 30', Add	*7.19*	
		For Elevated Installation >30' To 35', Add	*8.22*	
		For Elevated Installation >35' To 40', Add	*10.27*	
		For Elevated Installation >40', Add	*11.30*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.16*	

26 05 33 13-0740 Intermediate Metal Conduit (IMC) *(26 05 33 13-0059)*

Note: Exposed installation, branch and feeder conduit. Excludes supporting strap, hanger and fastening.

26 05 33 13-0741 Intermediate Metal Conduit (IMC) Conduit *(26 05 33 13-0740)*

Note: Includes field bending conduit up to and including 1". See CSI section 26 05 33 13-2314 for field bending >1".

26 05 33 13-0742	LF	1/2" Intermediate Metal Conduit (IMC) Conduit	8.08	2.12
		For >250 To 500, Deduct	*-0.13*	
		For >500 To 1,000, Deduct	*-0.19*	
		For >1,000, Deduct	*-0.26*	
		For Installation In Metal Stud Wall, Add	*0.55*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*1.38*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.83*	
		For Work In Restricted Working Space, Add	*1.65*	
		For Elevated Installation >10' To 15', Add	*0.55*	
		For Elevated Installation >15' To 20', Add	*1.10*	
		For Elevated Installation >20' To 25', Add	*1.38*	
		For Elevated Installation >25' To 30', Add	*1.93*	
		For Elevated Installation >30' To 35', Add	*2.20*	
		For Elevated Installation >35' To 40', Add	*2.75*	
		For Elevated Installation >40', Add	*3.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0743	LF	3/4" Intermediate Metal Conduit (IMC) Conduit	9.65	2.33
		For >250 To 500, Deduct	*-0.15*	
		For >500 To 1,000, Deduct	*-0.23*	
		For >1,000, Deduct	*-0.31*	
		For Installation In Metal Stud Wall, Add	*0.66*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*1.64*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.99*	
		For Work In Restricted Working Space, Add	*1.97*	
		For Elevated Installation >10' To 15', Add	*0.66*	
		For Elevated Installation >15' To 20', Add	*1.31*	
		For Elevated Installation >20' To 25', Add	*1.64*	
		For Elevated Installation >25' To 30', Add	*2.30*	
		For Elevated Installation >30' To 35', Add	*2.63*	
		For Elevated Installation >35' To 40', Add	*3.29*	
		For Elevated Installation >40', Add	*3.61*	
26 05 33 13-0744	LF	1" Intermediate Metal Conduit (IMC) Conduit	13.01	2.54
		For >250 To 500, Deduct	*-0.24*	
		For >500 To 1,000, Deduct	*-0.36*	
		For >1,000, Deduct	*-0.48*	
		For Installation In Metal Stud Wall, Add	*0.83*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*2.07*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*1.24*	
		For Work In Restricted Working Space, Add	*2.48*	
		For Elevated Installation >10' To 15', Add	*0.83*	
		For Elevated Installation >15' To 20', Add	*1.65*	
		For Elevated Installation >20' To 25', Add	*2.07*	
		For Elevated Installation >25' To 30', Add	*2.89*	
		For Elevated Installation >30' To 35', Add	*3.30*	
		For Elevated Installation >35' To 40', Add	*4.13*	
		For Elevated Installation >40', Add	*4.54*	
26 05 33 13-0745	LF	1-1/4" Intermediate Metal Conduit (IMC) Conduit	15.12	5.08
		For >250 To 500, Deduct	*-0.30*	
		For >500 To 1,000, Deduct	*-0.45*	
		For >1,000, Deduct	*-0.60*	
		For Installation In Metal Stud Wall, Add	*0.91*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*2.28*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*1.37*	
		For Work In Restricted Working Space, Add	*2.73*	
		For Elevated Installation >10' To 15', Add	*0.91*	
		For Elevated Installation >15' To 20', Add	*1.82*	
		For Elevated Installation >20' To 25', Add	*2.28*	
		For Elevated Installation >25' To 30', Add	*3.19*	
		For Elevated Installation >30' To 35', Add	*3.64*	
		For Elevated Installation >35' To 40', Add	*4.55*	
		For Elevated Installation >40', Add	*5.01*	
26 05 33 13-0746	LF	1-1/2" Intermediate Metal Conduit (IMC) Conduit	17.06	3.39
		For >250 To 500, Deduct	*-0.36*	
		For >500 To 1,000, Deduct	*-0.53*	
		For >1,000, Deduct	*-0.71*	
		For Installation In Metal Stud Wall, Add	*1.00*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*2.49*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*1.49*	
		For Work In Restricted Working Space, Add	*2.99*	
		For Elevated Installation >10' To 15', Add	*1.00*	
		For Elevated Installation >15' To 20', Add	*1.99*	
		For Elevated Installation >20' To 25', Add	*2.49*	
		For Elevated Installation >25' To 30', Add	*3.49*	
		For Elevated Installation >30' To 35', Add	*3.98*	
		For Elevated Installation >35' To 40', Add	*4.98*	
		For Elevated Installation >40', Add	*5.48*	
26 05 33 13-0747	LF	2" Intermediate Metal Conduit (IMC) Conduit	21.71	3.81
		For >250 To 500, Deduct	*-0.48*	
		For >500 To 1,000, Deduct	*-0.72*	
		For >1,000, Deduct	*-0.96*	
		For Installation In Metal Stud Wall, Add	*1.21*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*3.02*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*1.81*	
		For Work In Restricted Working Space, Add	*3.62*	
		For Elevated Installation >10' To 15', Add	*1.21*	
		For Elevated Installation >15' To 20', Add	*2.41*	
		For Elevated Installation >20' To 25', Add	*3.02*	
		For Elevated Installation >25' To 30', Add	*4.22*	
		For Elevated Installation >30' To 35', Add	*4.83*	
		For Elevated Installation >35' To 40', Add	*6.04*	
		For Elevated Installation >40', Add	*6.64*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0748	LF	2-1/2" Intermediate Metal Conduit (IMC) Conduit	37.34	5.08
		For >250 To 500, Deduct	*-1.07*	
		For >500 To 1,000, Deduct	*-1.60*	
		For >1,000, Deduct	*-2.14*	
		For Installation In Metal Stud Wall, Add	*1.60*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*4.00*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*2.40*	
		For Work In Restricted Working Space, Add	*4.80*	
		For Elevated Installation >10' To 15', Add	*1.60*	
		For Elevated Installation >15' To 20', Add	*3.20*	
		For Elevated Installation >20' To 25', Add	*4.00*	
		For Elevated Installation >25' To 30', Add	*5.60*	
		For Elevated Installation >30' To 35', Add	*6.40*	
		For Elevated Installation >35' To 40', Add	*8.00*	
		For Elevated Installation >40', Add	*8.79*	
26 05 33 13-0749	LF	3" Intermediate Metal Conduit (IMC) Conduit	47.47	6.36
		For >250 To 500, Deduct	*-1.31*	
		For >500 To 1,000, Deduct	*-1.97*	
		For >1,000, Deduct	*-2.63*	
		For Installation In Metal Stud Wall, Add	*2.12*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*5.30*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*3.18*	
		For Work In Restricted Working Space, Add	*6.35*	
		For Elevated Installation >10' To 15', Add	*2.12*	
		For Elevated Installation >15' To 20', Add	*4.24*	
		For Elevated Installation >20' To 25', Add	*5.30*	
		For Elevated Installation >25' To 30', Add	*7.41*	
		For Elevated Installation >30' To 35', Add	*8.47*	
		For Elevated Installation >35' To 40', Add	*10.59*	
		For Elevated Installation >40', Add	*11.65*	
26 05 33 13-0750	LF	3-1/2" Intermediate Metal Conduit (IMC) Conduit	54.69	7.62
		For >250 To 500, Deduct	*-1.52*	
		For >500 To 1,000, Deduct	*-2.28*	
		For >1,000, Deduct	*-3.05*	
		For Installation In Metal Stud Wall, Add	*2.42*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*6.06*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*3.64*	
		For Work In Restricted Working Space, Add	*7.27*	
		For Elevated Installation >10' To 15', Add	*2.42*	
		For Elevated Installation >15' To 20', Add	*4.85*	
		For Elevated Installation >20' To 25', Add	*6.06*	
		For Elevated Installation >25' To 30', Add	*8.48*	
		For Elevated Installation >30' To 35', Add	*9.70*	
		For Elevated Installation >35' To 40', Add	*12.12*	
		For Elevated Installation >40', Add	*13.33*	
26 05 33 13-0751	LF	4" Intermediate Metal Conduit (IMC) Conduit	64.11	8.89
		For >250 To 500, Deduct	*-1.79*	
		For >500 To 1,000, Deduct	*-2.69*	
		For >1,000, Deduct	*-3.58*	
		For Installation In Metal Stud Wall, Add	*2.83*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*7.07*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*4.24*	
		For Work In Restricted Working Space, Add	*8.48*	
		For Elevated Installation >10' To 15', Add	*2.83*	
		For Elevated Installation >15' To 20', Add	*5.66*	
		For Elevated Installation >20' To 25', Add	*7.07*	
		For Elevated Installation >25' To 30', Add	*9.90*	
		For Elevated Installation >30' To 35', Add	*11.31*	
		For Elevated Installation >35' To 40', Add	*14.14*	
		For Elevated Installation >40', Add	*15.55*	

26 05 33 13-0752 Intermediate Metal Conduit (IMC) 90 Degree Elbows *(26 05 33 13-0740)*

See CSI section 26 05 33 13-2314 for conduit field bending.

26 05 33 13-0753	EA	1/2" Intermediate Metal Conduit (IMC) 90 Degree Elbow	38.57	10.49
		For Work In Restricted Working Space, Add	*7.89*	
		For Elevated Installation >10' To 15', Add	*2.63*	
		For Elevated Installation >15' To 20', Add	*5.26*	
		For Elevated Installation >20' To 25', Add	*6.57*	
		For Elevated Installation >25' To 30', Add	*9.20*	
		For Elevated Installation >30' To 35', Add	*10.52*	
		For Elevated Installation >35' To 40', Add	*13.15*	
		For Elevated Installation >40', Add	*14.46*	
26 05 33 13-0754	EA	3/4" Intermediate Metal Conduit (IMC) 90 Degree Elbow	46.47	13.02
		For Work In Restricted Working Space, Add	*9.81*	
		For Elevated Installation >10' To 15', Add	*3.27*	
		For Elevated Installation >15' To 20', Add	*6.54*	
		For Elevated Installation >20' To 25', Add	*8.17*	
		For Elevated Installation >25' To 30', Add	*11.44*	
		For Elevated Installation >30' To 35', Add	*13.08*	
		For Elevated Installation >35' To 40', Add	*16.35*	
		For Elevated Installation >40', Add	*17.98*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0755	EA	1" Intermediate Metal Conduit (IMC) 90 Degree Elbow	59.46	15.99
		For Work In Restricted Working Space, Add	*11.96*	
		For Elevated Installation >10' To 15', Add	*3.99*	
		For Elevated Installation >15' To 20', Add	*7.97*	
		For Elevated Installation >20' To 25', Add	*9.97*	
		For Elevated Installation >25' To 30', Add	*13.95*	
		For Elevated Installation >30' To 35', Add	*15.95*	
		For Elevated Installation >35' To 40', Add	*19.94*	
		For Elevated Installation >40', Add	*21.93*	
26 05 33 13-0756	EA	1-1/4" Intermediate Metal Conduit (IMC) 90 Degree Elbow	73.75	18.53
		For Work In Restricted Working Space, Add	*13.88*	
		For Elevated Installation >10' To 15', Add	*4.63*	
		For Elevated Installation >15' To 20', Add	*9.26*	
		For Elevated Installation >20' To 25', Add	*11.57*	
		For Elevated Installation >25' To 30', Add	*16.20*	
		For Elevated Installation >30' To 35', Add	*18.51*	
		For Elevated Installation >35' To 40', Add	*23.14*	
		For Elevated Installation >40', Add	*25.45*	
26 05 33 13-0757	EA	1-1/2" Intermediate Metal Conduit (IMC) 90 Degree Elbow	87.87	21.29
		For Work In Restricted Working Space, Add	*15.94*	
		For Elevated Installation >10' To 15', Add	*5.31*	
		For Elevated Installation >15' To 20', Add	*10.63*	
		For Elevated Installation >20' To 25', Add	*13.28*	
		For Elevated Installation >25' To 30', Add	*18.60*	
		For Elevated Installation >30' To 35', Add	*21.25*	
		For Elevated Installation >35' To 40', Add	*26.57*	
		For Elevated Installation >40', Add	*29.22*	
26 05 33 13-0758	EA	2" Intermediate Metal Conduit (IMC) 90 Degree Elbow	108.45	23.40
		For Work In Restricted Working Space, Add	*17.53*	
		For Elevated Installation >10' To 15', Add	*5.84*	
		For Elevated Installation >15' To 20', Add	*11.69*	
		For Elevated Installation >20' To 25', Add	*14.61*	
		For Elevated Installation >25' To 30', Add	*20.45*	
		For Elevated Installation >30' To 35', Add	*23.38*	
		For Elevated Installation >35' To 40', Add	*29.22*	
		For Elevated Installation >40', Add	*32.14*	
26 05 33 13-0759	EA	2-1/2" Intermediate Metal Conduit (IMC) 90 Degree Elbow	157.96	29.23
		For Work In Restricted Working Space, Add	*21.92*	
		For Elevated Installation >10' To 15', Add	*7.31*	
		For Elevated Installation >15' To 20', Add	*14.61*	
		For Elevated Installation >20' To 25', Add	*18.26*	
		For Elevated Installation >25' To 30', Add	*25.57*	
		For Elevated Installation >30' To 35', Add	*29.22*	
		For Elevated Installation >35' To 40', Add	*36.53*	
		For Elevated Installation >40', Add	*40.18*	
26 05 33 13-0760	EA	3" Intermediate Metal Conduit (IMC) 90 Degree Elbow	229.52	39.82
		For Work In Restricted Working Space, Add	*29.86*	
		For Elevated Installation >10' To 15', Add	*9.95*	
		For Elevated Installation >15' To 20', Add	*19.90*	
		For Elevated Installation >20' To 25', Add	*24.88*	
		For Elevated Installation >25' To 30', Add	*34.83*	
		For Elevated Installation >30' To 35', Add	*39.81*	
		For Elevated Installation >35' To 40', Add	*49.76*	
		For Elevated Installation >40', Add	*54.74*	
26 05 33 13-0761	EA	3-1/2" Intermediate Metal Conduit (IMC) 90 Degree Elbow	341.75	44.90
		For Work In Restricted Working Space, Add	*33.68*	
		For Elevated Installation >10' To 15', Add	*11.23*	
		For Elevated Installation >15' To 20', Add	*22.45*	
		For Elevated Installation >20' To 25', Add	*28.07*	
		For Elevated Installation >25' To 30', Add	*39.29*	
		For Elevated Installation >30' To 35', Add	*44.90*	
		For Elevated Installation >35' To 40', Add	*56.13*	
		For Elevated Installation >40', Add	*61.74*	
26 05 33 13-0762	EA	4" Intermediate Metal Conduit (IMC) 90 Degree Elbow	412.32	58.46
		For Work In Restricted Working Space, Add	*43.83*	
		For Elevated Installation >10' To 15', Add	*14.61*	
		For Elevated Installation >15' To 20', Add	*29.22*	
		For Elevated Installation >20' To 25', Add	*36.53*	
		For Elevated Installation >25' To 30', Add	*51.14*	
		For Elevated Installation >30' To 35', Add	*58.44*	
		For Elevated Installation >35' To 40', Add	*73.05*	
		For Elevated Installation >40', Add	*80.36*	

26 05 33 13-0763 Intermediate Metal Conduit (IMC) Bushing Sets With Locknut *(26 05 33 13-0740)*

26 05 33 13-0764	EA	1/2" Intermediate Metal Conduit (IMC) Bushing Set With Locknut	14.62	5.50
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.13*	
26 05 33 13-0765	EA	3/4" Intermediate Metal Conduit (IMC) Bushing Set With Locknut	17.33	0.63
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.76*	
26 05 33 13-0766	EA	1" Intermediate Metal Conduit (IMC) Bushing Set With Locknut	22.54	8.05
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.04*	
26 05 33 13-0767	EA	1-1/4" Intermediate Metal Conduit (IMC) Bushing Set With Locknut	27.58	9.75
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.31*	
26 05 33 13-0768	EA	1-1/2" Intermediate Metal Conduit (IMC) Bushing Set With Locknut	31.08	10.59
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.94*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0769	EA	2" Intermediate Metal Conduit (IMC) Bushing Set With Locknut	40.42	13.13
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.85*	
26 05 33 13-0770	EA	2-1/2" Intermediate Metal Conduit (IMC) Bushing Set With Locknut	76.61	21.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.88*	
26 05 33 13-0771	EA	3" Intermediate Metal Conduit (IMC) Bushing Set With Locknut	93.06	28.81
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.60*	
26 05 33 13-0772	EA	3-1/2" Intermediate Metal Conduit (IMC) Bushing Set With Locknut	123.82	34.31
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*25.73*	
26 05 33 13-0773	EA	4" Intermediate Metal Conduit (IMC) Bushing Set With Locknut	146.59	39.82
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*29.86*	

26 05 33 13-0774 Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fittings *(26 05 33 13-0740)*

Note: 3-Piece coupling.

26 05 33 13-0775	EA	1/2" Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fitting	48.98	16.94
		For Work In Restricted Working Space, Add	*12.72*	
		For Elevated Installation >10' To 15', Add	*4.24*	
		For Elevated Installation >15' To 20', Add	*8.48*	
		For Elevated Installation >20' To 25', Add	*10.60*	
		For Elevated Installation >25' To 30', Add	*14.84*	
		For Elevated Installation >30' To 35', Add	*16.96*	
		For Elevated Installation >35' To 40', Add	*21.20*	
		For Elevated Installation >40', Add	*23.32*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.72*	
26 05 33 13-0776	EA	3/4" Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fitting	55.81	18.95
		For Work In Restricted Working Space, Add	*14.20*	
		For Elevated Installation >10' To 15', Add	*4.73*	
		For Elevated Installation >15' To 20', Add	*9.47*	
		For Elevated Installation >20' To 25', Add	*11.83*	
		For Elevated Installation >25' To 30', Add	*16.57*	
		For Elevated Installation >30' To 35', Add	*18.93*	
		For Elevated Installation >35' To 40', Add	*23.67*	
		For Elevated Installation >40', Add	*26.03*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.20*	
26 05 33 13-0777	EA	1" Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fitting	69.08	21.08
		For Work In Restricted Working Space, Add	*15.82*	
		For Elevated Installation >10' To 15', Add	*5.27*	
		For Elevated Installation >15' To 20', Add	*10.54*	
		For Elevated Installation >20' To 25', Add	*13.18*	
		For Elevated Installation >25' To 30', Add	*18.45*	
		For Elevated Installation >30' To 35', Add	*21.09*	
		For Elevated Installation >35' To 40', Add	*26.36*	
		For Elevated Installation >40', Add	*29.00*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.82*	
26 05 33 13-0778	EA	1-1/4" Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fitting	87.79	23.08
		For Work In Restricted Working Space, Add	*17.31*	
		For Elevated Installation >10' To 15', Add	*5.77*	
		For Elevated Installation >15' To 20', Add	*11.54*	
		For Elevated Installation >20' To 25', Add	*14.42*	
		For Elevated Installation >25' To 30', Add	*20.19*	
		For Elevated Installation >30' To 35', Add	*23.08*	
		For Elevated Installation >35' To 40', Add	*28.85*	
		For Elevated Installation >40', Add	*31.73*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.31*	
26 05 33 13-0779	EA	1-1/2" Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fitting	100.89	25.20
		For Work In Restricted Working Space, Add	*18.94*	
		For Elevated Installation >10' To 15', Add	*6.31*	
		For Elevated Installation >15' To 20', Add	*12.62*	
		For Elevated Installation >20' To 25', Add	*15.78*	
		For Elevated Installation >25' To 30', Add	*22.09*	
		For Elevated Installation >30' To 35', Add	*25.25*	
		For Elevated Installation >35' To 40', Add	*31.56*	
		For Elevated Installation >40', Add	*34.72*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.94*	
26 05 33 13-0780	EA	2" Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fitting	143.89	27.32
		For Work In Restricted Working Space, Add	*20.51*	
		For Elevated Installation >10' To 15', Add	*6.84*	
		For Elevated Installation >15' To 20', Add	*13.67*	
		For Elevated Installation >20' To 25', Add	*17.09*	
		For Elevated Installation >25' To 30', Add	*23.92*	
		For Elevated Installation >30' To 35', Add	*27.34*	
		For Elevated Installation >35' To 40', Add	*34.18*	
		For Elevated Installation >40', Add	*37.59*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.51*	
26 05 33 13-0781	EA	2-1/2" Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fitting	246.30	33.88
		For Work In Restricted Working Space, Add	*25.41*	
		For Elevated Installation >10' To 15', Add	*8.47*	
		For Elevated Installation >15' To 20', Add	*16.94*	
		For Elevated Installation >20' To 25', Add	*21.18*	
		For Elevated Installation >25' To 30', Add	*29.65*	
		For Elevated Installation >30' To 35', Add	*33.88*	
		For Elevated Installation >35' To 40', Add	*42.36*	
		For Elevated Installation >40', Add	*46.59*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*25.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0782	EA	3" Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fitting	352.31	42.35
		For Work In Restricted Working Space, Add	*31.77*	
		For Elevated Installation >10' To 15', Add	*10.59*	
		For Elevated Installation >15' To 20', Add	*21.18*	
		For Elevated Installation >20' To 25', Add	*26.47*	
		For Elevated Installation >25' To 30', Add	*37.06*	
		For Elevated Installation >30' To 35', Add	*42.36*	
		For Elevated Installation >35' To 40', Add	*52.95*	
		For Elevated Installation >40', Add	*58.24*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*31.77*	
26 05 33 13-0783	EA	3-1/2" Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fitting	523.00	50.83
		For Work In Restricted Working Space, Add	*38.13*	
		For Elevated Installation >10' To 15', Add	*12.71*	
		For Elevated Installation >15' To 20', Add	*25.42*	
		For Elevated Installation >20' To 25', Add	*31.78*	
		For Elevated Installation >25' To 30', Add	*44.49*	
		For Elevated Installation >30' To 35', Add	*50.84*	
		For Elevated Installation >35' To 40', Add	*63.56*	
		For Elevated Installation >40', Add	*69.91*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*38.13*	
26 05 33 13-0784	EA	4" Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fitting	606.25	55.07
		For Work In Restricted Working Space, Add	*41.29*	
		For Elevated Installation >10' To 15', Add	*13.76*	
		For Elevated Installation >15' To 20', Add	*27.53*	
		For Elevated Installation >20' To 25', Add	*34.41*	
		For Elevated Installation >25' To 30', Add	*48.17*	
		For Elevated Installation >30' To 35', Add	*55.06*	
		For Elevated Installation >35' To 40', Add	*68.82*	
		For Elevated Installation >40', Add	*75.70*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*41.29*	

26 05 33 13-0785 Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT) Connectors *(26 05 33 13-0740)*

26 05 33 13-0786	EA	1/2" Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT) Connector	28.35	8.47
		For Work In Restricted Working Space, Add	*6.35*	
		For Elevated Installation >10' To 15', Add	*2.12*	
		For Elevated Installation >15' To 20', Add	*4.24*	
		For Elevated Installation >20' To 25', Add	*5.30*	
		For Elevated Installation >25' To 30', Add	*7.41*	
		For Elevated Installation >30' To 35', Add	*8.47*	
		For Elevated Installation >35' To 40', Add	*10.59*	
		For Elevated Installation >40', Add	*11.65*	
26 05 33 13-0787	EA	3/4" Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT) Connector	31.77	9.31
		For Work In Restricted Working Space, Add	*6.99*	
		For Elevated Installation >10' To 15', Add	*2.33*	
		For Elevated Installation >15' To 20', Add	*4.66*	
		For Elevated Installation >20' To 25', Add	*5.82*	
		For Elevated Installation >25' To 30', Add	*8.15*	
		For Elevated Installation >30' To 35', Add	*9.32*	
		For Elevated Installation >35' To 40', Add	*11.65*	
		For Elevated Installation >40', Add	*12.81*	
26 05 33 13-0788	EA	1" Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT) Connector	36.57	10.59
		For Work In Restricted Working Space, Add	*7.94*	
		For Elevated Installation >10' To 15', Add	*2.65*	
		For Elevated Installation >15' To 20', Add	*5.29*	
		For Elevated Installation >20' To 25', Add	*6.62*	
		For Elevated Installation >25' To 30', Add	*9.26*	
		For Elevated Installation >30' To 35', Add	*10.59*	
		For Elevated Installation >35' To 40', Add	*13.24*	
		For Elevated Installation >40', Add	*14.56*	
26 05 33 13-0789	EA	1-1/4" Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT) Connector	41.92	11.44
		For Work In Restricted Working Space, Add	*8.58*	
		For Elevated Installation >10' To 15', Add	*2.86*	
		For Elevated Installation >15' To 20', Add	*5.72*	
		For Elevated Installation >20' To 25', Add	*7.15*	
		For Elevated Installation >25' To 30', Add	*10.01*	
		For Elevated Installation >30' To 35', Add	*11.44*	
		For Elevated Installation >35' To 40', Add	*14.30*	
		For Elevated Installation >40', Add	*15.72*	
26 05 33 13-0790	EA	1-1/2" Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT) Connector	50.34	12.70
		For Work In Restricted Working Space, Add	*9.53*	
		For Elevated Installation >10' To 15', Add	*3.18*	
		For Elevated Installation >15' To 20', Add	*6.35*	
		For Elevated Installation >20' To 25', Add	*7.94*	
		For Elevated Installation >25' To 30', Add	*11.12*	
		For Elevated Installation >30' To 35', Add	*12.70*	
		For Elevated Installation >35' To 40', Add	*15.88*	
		For Elevated Installation >40', Add	*17.47*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0791	EA	2" Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT) Connector	62.41	13.98
		For Work In Restricted Working Space, Add	*10.48*	
		For Elevated Installation >10' To 15', Add	*3.49*	
		For Elevated Installation >15' To 20', Add	*6.99*	
		For Elevated Installation >20' To 25', Add	*8.74*	
		For Elevated Installation >25' To 30', Add	*12.23*	
		For Elevated Installation >30' To 35', Add	*13.98*	
		For Elevated Installation >35' To 40', Add	*17.47*	
		For Elevated Installation >40', Add	*19.22*	
26 05 33 13-0792	EA	2-1/2" Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT) Connector	86.38	16.94
		For Work In Restricted Working Space, Add	*12.71*	
		For Elevated Installation >10' To 15', Add	*4.24*	
		For Elevated Installation >15' To 20', Add	*8.47*	
		For Elevated Installation >20' To 25', Add	*10.59*	
		For Elevated Installation >25' To 30', Add	*14.82*	
		For Elevated Installation >30' To 35', Add	*16.94*	
		For Elevated Installation >35' To 40', Add	*21.18*	
		For Elevated Installation >40', Add	*23.29*	
26 05 33 13-0793	EA	3" Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT) Connector	106.67	21.18
		For Work In Restricted Working Space, Add	*15.88*	
		For Elevated Installation >10' To 15', Add	*5.29*	
		For Elevated Installation >15' To 20', Add	*10.59*	
		For Elevated Installation >20' To 25', Add	*13.24*	
		For Elevated Installation >25' To 30', Add	*18.53*	
		For Elevated Installation >30' To 35', Add	*21.18*	
		For Elevated Installation >35' To 40', Add	*26.47*	
		For Elevated Installation >40', Add	*29.12*	
26 05 33 13-0794	EA	3-1/2" Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT) Connector	128.17	25.42
		For Work In Restricted Working Space, Add	*19.06*	
		For Elevated Installation >10' To 15', Add	*6.35*	
		For Elevated Installation >15' To 20', Add	*12.71*	
		For Elevated Installation >20' To 25', Add	*15.88*	
		For Elevated Installation >25' To 30', Add	*22.24*	
		For Elevated Installation >30' To 35', Add	*25.41*	
		For Elevated Installation >35' To 40', Add	*31.77*	
		For Elevated Installation >40', Add	*34.94*	
26 05 33 13-0795	EA	4" Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT) Connector	145.58	27.53
		For Work In Restricted Working Space, Add	*20.65*	
		For Elevated Installation >10' To 15', Add	*6.88*	
		For Elevated Installation >15' To 20', Add	*13.77*	
		For Elevated Installation >20' To 25', Add	*17.21*	
		For Elevated Installation >25' To 30', Add	*24.09*	
		For Elevated Installation >30' To 35', Add	*27.53*	
		For Elevated Installation >35' To 40', Add	*34.42*	
		For Elevated Installation >40', Add	*37.86*	

26 05 33 13-0796 Intermediate Metal Conduit (IMC) Rain Tight Threaded Hubs *(26 05 33 13-0740)*

26 05 33 13-0797	EA	1/2" Intermediate Metal Conduit (IMC) Rain Tight Threaded Hub	24.17	8.47
		For Work In Restricted Working Space, Add	*6.35*	
		For Elevated Installation >10' To 15', Add	*2.12*	
		For Elevated Installation >15' To 20', Add	*4.24*	
		For Elevated Installation >20' To 25', Add	*5.30*	
		For Elevated Installation >25' To 30', Add	*7.41*	
		For Elevated Installation >30' To 35', Add	*8.47*	
		For Elevated Installation >35' To 40', Add	*10.59*	
		For Elevated Installation >40', Add	*11.65*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.35*	
26 05 33 13-0798	EA	3/4" Intermediate Metal Conduit (IMC) Rain Tight Threaded Hub	30.95	10.59
		For Work In Restricted Working Space, Add	*7.94*	
		For Elevated Installation >10' To 15', Add	*2.65*	
		For Elevated Installation >15' To 20', Add	*5.29*	
		For Elevated Installation >20' To 25', Add	*6.62*	
		For Elevated Installation >25' To 30', Add	*9.26*	
		For Elevated Installation >30' To 35', Add	*10.59*	
		For Elevated Installation >35' To 40', Add	*13.24*	
		For Elevated Installation >40', Add	*14.56*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.94*	
26 05 33 13-0799	EA	1" Intermediate Metal Conduit (IMC) Rain Tight Threaded Hub	38.39	12.70
		For Work In Restricted Working Space, Add	*9.53*	
		For Elevated Installation >10' To 15', Add	*3.18*	
		For Elevated Installation >15' To 20', Add	*6.35*	
		For Elevated Installation >20' To 25', Add	*7.94*	
		For Elevated Installation >25' To 30', Add	*11.12*	
		For Elevated Installation >30' To 35', Add	*12.70*	
		For Elevated Installation >35' To 40', Add	*15.88*	
		For Elevated Installation >40', Add	*17.47*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.53*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0800	EA	1-1/4" Intermediate Metal Conduit (IMC) Rain Tight Threaded Hub	46.44	14.82
		For Work In Restricted Working Space, Add	*11.12*	
		For Elevated Installation >10' To 15', Add	*3.71*	
		For Elevated Installation >15' To 20', Add	*7.41*	
		For Elevated Installation >20' To 25', Add	*9.27*	
		For Elevated Installation >25' To 30', Add	*12.97*	
		For Elevated Installation >30' To 35', Add	*14.83*	
		For Elevated Installation >35' To 40', Add	*18.54*	
		For Elevated Installation >40', Add	*20.39*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.12*	
26 05 33 13-0801	EA	1-1/2" Intermediate Metal Conduit (IMC) Rain Tight Threaded Hub	54.43	16.94
		For Work In Restricted Working Space, Add	*12.71*	
		For Elevated Installation >10' To 15', Add	*4.24*	
		For Elevated Installation >15' To 20', Add	*8.47*	
		For Elevated Installation >20' To 25', Add	*10.59*	
		For Elevated Installation >25' To 30', Add	*14.82*	
		For Elevated Installation >30' To 35', Add	*16.94*	
		For Elevated Installation >35' To 40', Add	*21.18*	
		For Elevated Installation >40', Add	*23.29*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.71*	
26 05 33 13-0802	EA	2" Intermediate Metal Conduit (IMC) Rain Tight Threaded Hub	65.10	19.06
		For Work In Restricted Working Space, Add	*14.30*	
		For Elevated Installation >10' To 15', Add	*4.77*	
		For Elevated Installation >15' To 20', Add	*9.53*	
		For Elevated Installation >20' To 25', Add	*11.91*	
		For Elevated Installation >25' To 30', Add	*16.68*	
		For Elevated Installation >30' To 35', Add	*19.06*	
		For Elevated Installation >35' To 40', Add	*23.83*	
		For Elevated Installation >40', Add	*26.21*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.30*	
26 05 33 13-0803	EA	2-1/2" Intermediate Metal Conduit (IMC) Rain Tight Threaded Hub	82.19	21.18
		For Work In Restricted Working Space, Add	*15.88*	
		For Elevated Installation >10' To 15', Add	*5.29*	
		For Elevated Installation >15' To 20', Add	*10.59*	
		For Elevated Installation >20' To 25', Add	*13.24*	
		For Elevated Installation >25' To 30', Add	*18.53*	
		For Elevated Installation >30' To 35', Add	*21.18*	
		For Elevated Installation >35' To 40', Add	*26.47*	
		For Elevated Installation >40', Add	*29.12*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.88*	
26 05 33 13-0804	EA	3" Intermediate Metal Conduit (IMC) Rain Tight Threaded Hub	97.62	23.29
		For Work In Restricted Working Space, Add	*17.47*	
		For Elevated Installation >10' To 15', Add	*5.82*	
		For Elevated Installation >15' To 20', Add	*11.65*	
		For Elevated Installation >20' To 25', Add	*14.56*	
		For Elevated Installation >25' To 30', Add	*20.38*	
		For Elevated Installation >30' To 35', Add	*23.29*	
		For Elevated Installation >35' To 40', Add	*29.12*	
		For Elevated Installation >40', Add	*32.03*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.47*	
26 05 33 13-0805	EA	3-1/2" Intermediate Metal Conduit (IMC) Rain Tight Threaded Hub	119.89	27.53
		For Work In Restricted Working Space, Add	*20.65*	
		For Elevated Installation >10' To 15', Add	*6.88*	
		For Elevated Installation >15' To 20', Add	*13.77*	
		For Elevated Installation >20' To 25', Add	*17.21*	
		For Elevated Installation >25' To 30', Add	*24.09*	
		For Elevated Installation >30' To 35', Add	*27.53*	
		For Elevated Installation >35' To 40', Add	*34.42*	
		For Elevated Installation >40', Add	*37.86*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.65*	
26 05 33 13-0806	EA	4" Intermediate Metal Conduit (IMC) Rain Tight Threaded Hub	138.55	29.65
		For Work In Restricted Working Space, Add	*22.24*	
		For Elevated Installation >10' To 15', Add	*7.41*	
		For Elevated Installation >15' To 20', Add	*14.82*	
		For Elevated Installation >20' To 25', Add	*18.53*	
		For Elevated Installation >25' To 30', Add	*25.94*	
		For Elevated Installation >30' To 35', Add	*29.65*	
		For Elevated Installation >35' To 40', Add	*37.06*	
		For Elevated Installation >40', Add	*40.77*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.24*	

26 05 33 13-0807 Intermediate Metal Conduit (IMC) Expansion Fittings *(26 05 33 13-0740)*

26 05 33 13-0808	EA	1/2" Intermediate Metal Conduit (IMC) Expansion Fitting	171.63	16.94
		For Work In Restricted Working Space, Add	*12.71*	
		For Elevated Installation >10' To 15', Add	*4.24*	
		For Elevated Installation >15' To 20', Add	*8.47*	
		For Elevated Installation >20' To 25', Add	*10.59*	
		For Elevated Installation >25' To 30', Add	*14.83*	
		For Elevated Installation >30' To 35', Add	*16.94*	
		For Elevated Installation >35' To 40', Add	*21.18*	
		For Elevated Installation >40', Add	*23.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0809	EA	3/4" Intermediate Metal Conduit (IMC) Expansion Fitting	189.85	19.06
		For Work In Restricted Working Space, Add	*14.30*	
		For Elevated Installation >10' To 15', Add	*4.77*	
		For Elevated Installation >15' To 20', Add	*9.53*	
		For Elevated Installation >20' To 25', Add	*11.91*	
		For Elevated Installation >25' To 30', Add	*16.68*	
		For Elevated Installation >30' To 35', Add	*19.06*	
		For Elevated Installation >35' To 40', Add	*23.83*	
		For Elevated Installation >40', Add	*26.21*	
26 05 33 13-0810	EA	1" Intermediate Metal Conduit (IMC) Expansion Fitting	210.98	21.18
		For Work In Restricted Working Space, Add	*15.89*	
		For Elevated Installation >10' To 15', Add	*5.30*	
		For Elevated Installation >15' To 20', Add	*10.59*	
		For Elevated Installation >20' To 25', Add	*13.24*	
		For Elevated Installation >25' To 30', Add	*18.53*	
		For Elevated Installation >30' To 35', Add	*21.18*	
		For Elevated Installation >35' To 40', Add	*26.48*	
		For Elevated Installation >40', Add	*29.12*	
26 05 33 13-0811	EA	1-1/4" Intermediate Metal Conduit (IMC) Expansion Fitting	255.38	23.29
		For Work In Restricted Working Space, Add	*17.47*	
		For Elevated Installation >10' To 15', Add	*5.82*	
		For Elevated Installation >15' To 20', Add	*11.65*	
		For Elevated Installation >20' To 25', Add	*14.56*	
		For Elevated Installation >25' To 30', Add	*20.38*	
		For Elevated Installation >30' To 35', Add	*23.30*	
		For Elevated Installation >35' To 40', Add	*29.12*	
		For Elevated Installation >40', Add	*32.03*	
26 05 33 13-0812	EA	1-1/2" Intermediate Metal Conduit (IMC) Expansion Fitting	313.59	25.42
		For Work In Restricted Working Space, Add	*19.06*	
		For Elevated Installation >10' To 15', Add	*6.35*	
		For Elevated Installation >15' To 20', Add	*12.71*	
		For Elevated Installation >20' To 25', Add	*15.88*	
		For Elevated Installation >25' To 30', Add	*22.24*	
		For Elevated Installation >30' To 35', Add	*25.41*	
		For Elevated Installation >35' To 40', Add	*31.77*	
		For Elevated Installation >40', Add	*34.94*	
26 05 33 13-0813	EA	2" Intermediate Metal Conduit (IMC) Expansion Fitting	413.65	27.53
		For Work In Restricted Working Space, Add	*20.65*	
		For Elevated Installation >10' To 15', Add	*6.88*	
		For Elevated Installation >15' To 20', Add	*13.76*	
		For Elevated Installation >20' To 25', Add	*17.21*	
		For Elevated Installation >25' To 30', Add	*24.09*	
		For Elevated Installation >30' To 35', Add	*27.53*	
		For Elevated Installation >35' To 40', Add	*34.41*	
		For Elevated Installation >40', Add	*37.85*	
26 05 33 13-0814	EA	2-1/2" Intermediate Metal Conduit (IMC) Expansion Fitting	626.35	33.88
		For Work In Restricted Working Space, Add	*25.41*	
		For Elevated Installation >10' To 15', Add	*8.47*	
		For Elevated Installation >15' To 20', Add	*16.94*	
		For Elevated Installation >20' To 25', Add	*21.18*	
		For Elevated Installation >25' To 30', Add	*29.65*	
		For Elevated Installation >30' To 35', Add	*33.88*	
		For Elevated Installation >35' To 40', Add	*42.36*	
		For Elevated Installation >40', Add	*46.59*	
26 05 33 13-0815	EA	3" Intermediate Metal Conduit (IMC) Expansion Fitting	752.65	42.35
		For Work In Restricted Working Space, Add	*31.77*	
		For Elevated Installation >10' To 15', Add	*10.59*	
		For Elevated Installation >15' To 20', Add	*21.18*	
		For Elevated Installation >20' To 25', Add	*26.47*	
		For Elevated Installation >25' To 30', Add	*37.06*	
		For Elevated Installation >30' To 35', Add	*42.36*	
		For Elevated Installation >35' To 40', Add	*52.95*	
		For Elevated Installation >40', Add	*58.24*	
26 05 33 13-0816	EA	3-1/2" Intermediate Metal Conduit (IMC) Expansion Fitting	1,051.04	50.83
		For Work In Restricted Working Space, Add	*38.12*	
		For Elevated Installation >10' To 15', Add	*12.71*	
		For Elevated Installation >15' To 20', Add	*25.42*	
		For Elevated Installation >20' To 25', Add	*31.77*	
		For Elevated Installation >25' To 30', Add	*44.48*	
		For Elevated Installation >30' To 35', Add	*50.83*	
		For Elevated Installation >35' To 40', Add	*63.54*	
		For Elevated Installation >40', Add	*69.89*	
26 05 33 13-0817	EA	4" Intermediate Metal Conduit (IMC) Expansion Fitting	1,216.40	55.07
		For Work In Restricted Working Space, Add	*41.29*	
		For Elevated Installation >10' To 15', Add	*13.76*	
		For Elevated Installation >15' To 20', Add	*27.53*	
		For Elevated Installation >20' To 25', Add	*34.41*	
		For Elevated Installation >25' To 30', Add	*48.17*	
		For Elevated Installation >30' To 35', Add	*55.06*	
		For Elevated Installation >35' To 40', Add	*68.82*	
		For Elevated Installation >40', Add	*75.70*	

26 05 33 13-0818 Intermediate Metal Conduit (IMC) Sealing Fittings, Vertical/Horizontal *(26 05 33 13-0740)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0819	EA	1/2" Intermediate Metal Conduit (IMC) Sealing Fitting, Vertical/Horizontal	102.68	26.47
		For Work In Restricted Working Space, Add	*15.88*	
		For Elevated Installation >10' To 15', Add	*5.29*	
		For Elevated Installation >15' To 20', Add	*10.59*	
		For Elevated Installation >20' To 25', Add	*13.24*	
		For Elevated Installation >25' To 30', Add	*18.53*	
		For Elevated Installation >30' To 35', Add	*21.18*	
		For Elevated Installation >35' To 40', Add	*26.47*	
		For Elevated Installation >40', Add	*29.12*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.88*	
26 05 33 13-0820	EA	3/4" Intermediate Metal Conduit (IMC) Sealing Fitting, Vertical/Horizontal	121.95	31.76
		For Work In Restricted Working Space, Add	*19.06*	
		For Elevated Installation >10' To 15', Add	*6.35*	
		For Elevated Installation >15' To 20', Add	*12.71*	
		For Elevated Installation >20' To 25', Add	*15.88*	
		For Elevated Installation >25' To 30', Add	*22.24*	
		For Elevated Installation >30' To 35', Add	*25.41*	
		For Elevated Installation >35' To 40', Add	*31.77*	
		For Elevated Installation >40', Add	*34.94*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.06*	
26 05 33 13-0821	EA	1" Intermediate Metal Conduit (IMC) Sealing Fitting, Vertical/Horizontal	149.20	37.06
		For Work In Restricted Working Space, Add	*22.24*	
		For Elevated Installation >10' To 15', Add	*7.41*	
		For Elevated Installation >15' To 20', Add	*14.82*	
		For Elevated Installation >20' To 25', Add	*18.53*	
		For Elevated Installation >25' To 30', Add	*25.94*	
		For Elevated Installation >30' To 35', Add	*29.65*	
		For Elevated Installation >35' To 40', Add	*37.06*	
		For Elevated Installation >40', Add	*40.77*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.24*	
26 05 33 13-0822	EA	1-1/4" Intermediate Metal Conduit (IMC) Sealing Fitting, Vertical/Horizontal	175.89	42.35
		For Work In Restricted Working Space, Add	*25.41*	
		For Elevated Installation >10' To 15', Add	*8.47*	
		For Elevated Installation >15' To 20', Add	*16.94*	
		For Elevated Installation >20' To 25', Add	*21.18*	
		For Elevated Installation >25' To 30', Add	*29.65*	
		For Elevated Installation >30' To 35', Add	*33.88*	
		For Elevated Installation >35' To 40', Add	*42.36*	
		For Elevated Installation >40', Add	*46.59*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*25.41*	
26 05 33 13-0823	EA	1-1/2" Intermediate Metal Conduit (IMC) Sealing Fitting, Vertical/Horizontal	232.57	47.65
		For Work In Restricted Working Space, Add	*28.59*	
		For Elevated Installation >10' To 15', Add	*9.53*	
		For Elevated Installation >15' To 20', Add	*19.06*	
		For Elevated Installation >20' To 25', Add	*23.83*	
		For Elevated Installation >25' To 30', Add	*33.36*	
		For Elevated Installation >30' To 35', Add	*38.12*	
		For Elevated Installation >35' To 40', Add	*47.65*	
		For Elevated Installation >40', Add	*52.42*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*28.59*	
26 05 33 13-0824	EA	2" Intermediate Metal Conduit (IMC) Sealing Fitting, Vertical/Horizontal	283.74	52.94
		For Work In Restricted Working Space, Add	*31.77*	
		For Elevated Installation >10' To 15', Add	*10.59*	
		For Elevated Installation >15' To 20', Add	*21.18*	
		For Elevated Installation >20' To 25', Add	*26.47*	
		For Elevated Installation >25' To 30', Add	*37.06*	
		For Elevated Installation >30' To 35', Add	*42.36*	
		For Elevated Installation >35' To 40', Add	*52.95*	
		For Elevated Installation >40', Add	*58.24*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*31.77*	
26 05 33 13-0825	EA	2-1/2" Intermediate Metal Conduit (IMC) Sealing Fitting, Vertical/Horizontal	403.40	63.53
		For Work In Restricted Working Space, Add	*38.12*	
		For Elevated Installation >10' To 15', Add	*12.71*	
		For Elevated Installation >15' To 20', Add	*25.41*	
		For Elevated Installation >20' To 25', Add	*31.77*	
		For Elevated Installation >25' To 30', Add	*44.47*	
		For Elevated Installation >30' To 35', Add	*50.83*	
		For Elevated Installation >35' To 40', Add	*63.54*	
		For Elevated Installation >40', Add	*69.89*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*38.12*	
26 05 33 13-0826	EA	3" Intermediate Metal Conduit (IMC) Sealing Fitting, Vertical/Horizontal	485.78	74.12
		For Work In Restricted Working Space, Add	*44.47*	
		For Elevated Installation >10' To 15', Add	*14.82*	
		For Elevated Installation >15' To 20', Add	*29.65*	
		For Elevated Installation >20' To 25', Add	*37.06*	
		For Elevated Installation >25' To 30', Add	*51.88*	
		For Elevated Installation >30' To 35', Add	*59.30*	
		For Elevated Installation >35' To 40', Add	*74.12*	
		For Elevated Installation >40', Add	*81.53*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*44.47*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0827	EA	3-1/2" Intermediate Metal Conduit (IMC) Sealing Fitting, Vertical/Horizontal	1,142.92	84.71
		For Work In Restricted Working Space, Add	*50.83*	
		For Elevated Installation >10' To 15', Add	*16.94*	
		For Elevated Installation >15' To 20', Add	*33.88*	
		For Elevated Installation >20' To 25', Add	*42.36*	
		For Elevated Installation >25' To 30', Add	*59.30*	
		For Elevated Installation >30' To 35', Add	*67.77*	
		For Elevated Installation >35' To 40', Add	*84.71*	
		For Elevated Installation >40', Add	*93.18*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*50.83*	
26 05 33 13-0828	EA	4" Intermediate Metal Conduit (IMC) Sealing Fitting, Vertical/Horizontal	1,317.28	95.30
		For Work In Restricted Working Space, Add	*57.18*	
		For Elevated Installation >10' To 15', Add	*19.06*	
		For Elevated Installation >15' To 20', Add	*38.12*	
		For Elevated Installation >20' To 25', Add	*47.65*	
		For Elevated Installation >25' To 30', Add	*66.71*	
		For Elevated Installation >30' To 35', Add	*76.24*	
		For Elevated Installation >35' To 40', Add	*95.30*	
		For Elevated Installation >40', Add	*104.83*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*57.18*	

26 05 33 13-0829 Intermediate Metal Conduit (IMC) Threaded Couplings *(26 05 33 13-0740)*

26 05 33 13-0830	EA	1/2" Intermediate Metal Conduit (IMC) Threaded Coupling	14.40	5.08
		For Work In Restricted Working Space, Add	*3.81*	
		For Elevated Installation >10' To 15', Add	*1.27*	
		For Elevated Installation >15' To 20', Add	*2.54*	
		For Elevated Installation >20' To 25', Add	*3.18*	
		For Elevated Installation >25' To 30', Add	*4.45*	
		For Elevated Installation >30' To 35', Add	*5.08*	
		For Elevated Installation >35' To 40', Add	*6.35*	
		For Elevated Installation >40', Add	*6.99*	
26 05 33 13-0831	EA	3/4" Intermediate Metal Conduit (IMC) Threaded Coupling	20.07	7.20
		For Work In Restricted Working Space, Add	*5.40*	
		For Elevated Installation >10' To 15', Add	*1.80*	
		For Elevated Installation >15' To 20', Add	*3.60*	
		For Elevated Installation >20' To 25', Add	*4.50*	
		For Elevated Installation >25' To 30', Add	*6.30*	
		For Elevated Installation >30' To 35', Add	*7.20*	
		For Elevated Installation >35' To 40', Add	*9.01*	
		For Elevated Installation >40', Add	*9.91*	
26 05 33 13-0832	EA	1" Intermediate Metal Conduit (IMC) Threaded Coupling	26.35	9.31
		For Work In Restricted Working Space, Add	*6.98*	
		For Elevated Installation >10' To 15', Add	*2.33*	
		For Elevated Installation >15' To 20', Add	*4.66*	
		For Elevated Installation >20' To 25', Add	*5.82*	
		For Elevated Installation >25' To 30', Add	*8.15*	
		For Elevated Installation >30' To 35', Add	*9.31*	
		For Elevated Installation >35' To 40', Add	*11.64*	
		For Elevated Installation >40', Add	*12.80*	
26 05 33 13-0833	EA	1-1/4" Intermediate Metal Conduit (IMC) Threaded Coupling	30.32	10.59
		For Work In Restricted Working Space, Add	*7.94*	
		For Elevated Installation >10' To 15', Add	*2.65*	
		For Elevated Installation >15' To 20', Add	*5.30*	
		For Elevated Installation >20' To 25', Add	*6.62*	
		For Elevated Installation >25' To 30', Add	*9.27*	
		For Elevated Installation >30' To 35', Add	*10.59*	
		For Elevated Installation >35' To 40', Add	*13.24*	
		For Elevated Installation >40', Add	*14.56*	
26 05 33 13-0834	EA	1-1/2" Intermediate Metal Conduit (IMC) Threaded Coupling	36.60	12.70
		For Work In Restricted Working Space, Add	*9.53*	
		For Elevated Installation >10' To 15', Add	*3.18*	
		For Elevated Installation >15' To 20', Add	*6.35*	
		For Elevated Installation >20' To 25', Add	*7.94*	
		For Elevated Installation >25' To 30', Add	*11.11*	
		For Elevated Installation >30' To 35', Add	*12.70*	
		For Elevated Installation >35' To 40', Add	*15.88*	
		For Elevated Installation >40', Add	*17.46*	
26 05 33 13-0835	EA	2" Intermediate Metal Conduit (IMC) Threaded Coupling	42.40	14.40
		For Work In Restricted Working Space, Add	*10.81*	
		For Elevated Installation >10' To 15', Add	*3.60*	
		For Elevated Installation >15' To 20', Add	*7.20*	
		For Elevated Installation >20' To 25', Add	*9.01*	
		For Elevated Installation >25' To 30', Add	*12.61*	
		For Elevated Installation >30' To 35', Add	*14.41*	
		For Elevated Installation >35' To 40', Add	*18.01*	
		For Elevated Installation >40', Add	*19.81*	
26 05 33 13-0836	EA	2-1/2" Intermediate Metal Conduit (IMC) Threaded Coupling	54.37	16.09
		For Work In Restricted Working Space, Add	*12.07*	
		For Elevated Installation >10' To 15', Add	*4.02*	
		For Elevated Installation >15' To 20', Add	*8.05*	
		For Elevated Installation >20' To 25', Add	*10.06*	
		For Elevated Installation >25' To 30', Add	*14.08*	
		For Elevated Installation >30' To 35', Add	*16.09*	
		For Elevated Installation >35' To 40', Add	*20.12*	
		For Elevated Installation >40', Add	*22.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0837	EA	3" Intermediate Metal Conduit (IMC) Threaded Coupling	64.85	18.21
		For Work In Restricted Working Space, Add	*13.66*	
		For Elevated Installation >10' To 15', Add	*4.55*	
		For Elevated Installation >15' To 20', Add	*9.11*	
		For Elevated Installation >20' To 25', Add	*11.39*	
		For Elevated Installation >25' To 30', Add	*15.94*	
		For Elevated Installation >30' To 35', Add	*18.22*	
		For Elevated Installation >35' To 40', Add	*22.77*	
		For Elevated Installation >40', Add	*25.05*	
26 05 33 13-0838	EA	3-1/2" Intermediate Metal Conduit (IMC) Threaded Coupling	75.59	19.90
		For Work In Restricted Working Space, Add	*14.93*	
		For Elevated Installation >10' To 15', Add	*4.98*	
		For Elevated Installation >15' To 20', Add	*9.96*	
		For Elevated Installation >20' To 25', Add	*12.45*	
		For Elevated Installation >25' To 30', Add	*17.42*	
		For Elevated Installation >30' To 35', Add	*19.91*	
		For Elevated Installation >35' To 40', Add	*24.89*	
		For Elevated Installation >40', Add	*27.38*	
26 05 33 13-0839	EA	4" Intermediate Metal Conduit (IMC) Threaded Coupling	78.95	21.18
		For Work In Restricted Working Space, Add	*15.88*	
		For Elevated Installation >10' To 15', Add	*5.29*	
		For Elevated Installation >15' To 20', Add	*10.59*	
		For Elevated Installation >20' To 25', Add	*13.23*	
		For Elevated Installation >25' To 30', Add	*18.53*	
		For Elevated Installation >30' To 35', Add	*21.17*	
		For Elevated Installation >35' To 40', Add	*26.47*	
		For Elevated Installation >40', Add	*29.11*	

26 05 33 13-0840 Intermediate Metal Conduit (IMC) Reducer Bushings *(26 05 33 13-0740)*

26 05 33 13-0841	EA	1/2" To 3/4" Intermediate Metal Conduit (IMC) Reducing Bushing	7.19	2.12
		For Work In Restricted Working Space, Add	*1.59*	
		For Elevated Installation >10' To 15', Add	*0.53*	
		For Elevated Installation >15' To 20', Add	*1.06*	
		For Elevated Installation >20' To 25', Add	*1.32*	
		For Elevated Installation >25' To 30', Add	*1.85*	
		For Elevated Installation >30' To 35', Add	*2.12*	
		For Elevated Installation >35' To 40', Add	*2.65*	
		For Elevated Installation >40', Add	*2.91*	
26 05 33 13-0842	EA	3/4" To 1" Intermediate Metal Conduit (IMC) Reducing Bushing	8.28	2.12
		For Work In Restricted Working Space, Add	*1.59*	
		For Elevated Installation >10' To 15', Add	*0.53*	
		For Elevated Installation >15' To 20', Add	*1.06*	
		For Elevated Installation >20' To 25', Add	*1.32*	
		For Elevated Installation >25' To 30', Add	*1.85*	
		For Elevated Installation >30' To 35', Add	*2.12*	
		For Elevated Installation >35' To 40', Add	*2.65*	
		For Elevated Installation >40', Add	*2.91*	

26 05 33 13-0843 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit *(26 05 33 13-0059)*

Note: 40 mil polyvinyl chloride (PVC) coated, 2 mil urethane lined (Ocal Blue, Crouse-Hinds, Appleton or O-Z/Gedney). Used in hazardous locations. Exposed installation, branch and feeder conduit. Excludes supporting strap, hanger and fastening.

26 05 33 13-0844 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit *(26 05 33 13-0843)*

Note: Includes field bending conduit up to and including 1". See CSI section 26 05 33 13-2314 for field bending >1".

26 05 33 13-0845	LF	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit	13.09	2.97
		For >250 To 500, Deduct	*-0.47*	
		For >500 To 1,000, Deduct	*-0.80*	
		For >1,000, Deduct	*-1.12*	
		For Elevated Installation >10' To 15', Add	*0.74*	
		For Elevated Installation >15' To 20', Add	*1.48*	
		For Elevated Installation >20' To 25', Add	*1.85*	
		For Elevated Installation >25' To 30', Add	*2.59*	
		For Elevated Installation >30' To 35', Add	*2.96*	
		For Elevated Installation >35' To 40', Add	*3.71*	
		For Elevated Installation >40', Add	*4.08*	
		For Work In Restricted Working Space, Add	*2.22*	
26 05 33 13-0846	LF	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit	15.04	3.39
		For >250 To 500, Deduct	*-0.54*	
		For >500 To 1,000, Deduct	*-0.92*	
		For >1,000, Deduct	*-1.29*	
		For Elevated Installation >10' To 15', Add	*0.85*	
		For Elevated Installation >15' To 20', Add	*1.69*	
		For Elevated Installation >20' To 25', Add	*2.12*	
		For Elevated Installation >25' To 30', Add	*2.96*	
		For Elevated Installation >30' To 35', Add	*3.39*	
		For Elevated Installation >35' To 40', Add	*4.24*	
		For Elevated Installation >40', Add	*4.66*	
		For Work In Restricted Working Space, Add	*2.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0847	LF	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit	19.11	4.23
		For >250 To 500, Deduct	*-0.69*	
		For >500 To 1,000, Deduct	*-1.17*	
		For >1,000, Deduct	*-1.65*	
		For Elevated Installation >10' To 15', Add	*1.06*	
		For Elevated Installation >15' To 20', Add	*2.12*	
		For Elevated Installation >20' To 25', Add	*2.65*	
		For Elevated Installation >25' To 30', Add	*3.71*	
		For Elevated Installation >30' To 35', Add	*4.24*	
		For Elevated Installation >35' To 40', Add	*5.30*	
		For Elevated Installation >40', Add	*5.82*	
		For Work In Restricted Working Space, Add	*3.18*	
26 05 33 13-0848	LF	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit	23.50	5.08
		For >250 To 500, Deduct	*-0.86*	
		For >500 To 1,000, Deduct	*-1.45*	
		For >1,000, Deduct	*-2.03*	
		For Elevated Installation >10' To 15', Add	*1.27*	
		For Elevated Installation >15' To 20', Add	*2.54*	
		For Elevated Installation >20' To 25', Add	*3.18*	
		For Elevated Installation >25' To 30', Add	*4.45*	
		For Elevated Installation >30' To 35', Add	*5.08*	
		For Elevated Installation >35' To 40', Add	*6.35*	
		For Elevated Installation >40', Add	*6.99*	
		For Work In Restricted Working Space, Add	*3.81*	
26 05 33 13-0849	LF	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit	29.00	6.36
		For >250 To 500, Deduct	*-1.05*	
		For >500 To 1,000, Deduct	*-1.78*	
		For >1,000, Deduct	*-2.50*	
		For Elevated Installation >10' To 15', Add	*1.59*	
		For Elevated Installation >15' To 20', Add	*3.18*	
		For Elevated Installation >20' To 25', Add	*3.97*	
		For Elevated Installation >25' To 30', Add	*5.56*	
		For Elevated Installation >30' To 35', Add	*6.35*	
		For Elevated Installation >35' To 40', Add	*7.94*	
		For Elevated Installation >40', Add	*8.73*	
		For Work In Restricted Working Space, Add	*4.76*	
26 05 33 13-0850	LF	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit	36.16	7.62
		For >250 To 500, Deduct	*-1.33*	
		For >500 To 1,000, Deduct	*-2.24*	
		For >1,000, Deduct	*-3.14*	
		For Elevated Installation >10' To 15', Add	*1.91*	
		For Elevated Installation >15' To 20', Add	*3.81*	
		For Elevated Installation >20' To 25', Add	*4.77*	
		For Elevated Installation >25' To 30', Add	*6.67*	
		For Elevated Installation >30' To 35', Add	*7.62*	
		For Elevated Installation >35' To 40', Add	*9.53*	
		For Elevated Installation >40', Add	*10.48*	
		For Work In Restricted Working Space, Add	*5.72*	
26 05 33 13-0851	LF	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit	48.17	8.89
		For >250 To 500, Deduct	*-1.85*	
		For >500 To 1,000, Deduct	*-3.06*	
		For >1,000, Deduct	*-4.26*	
		For Elevated Installation >10' To 15', Add	*2.22*	
		For Elevated Installation >15' To 20', Add	*4.45*	
		For Elevated Installation >20' To 25', Add	*5.56*	
		For Elevated Installation >25' To 30', Add	*7.78*	
		For Elevated Installation >30' To 35', Add	*8.90*	
		For Elevated Installation >35' To 40', Add	*11.12*	
		For Elevated Installation >40', Add	*12.23*	
		For Work In Restricted Working Space, Add	*6.67*	
26 05 33 13-0852	LF	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit	60.23	11.01
		For >250 To 500, Deduct	*-2.32*	
		For >500 To 1,000, Deduct	*-3.83*	
		For >1,000, Deduct	*-5.33*	
		For Elevated Installation >10' To 15', Add	*2.75*	
		For Elevated Installation >15' To 20', Add	*5.51*	
		For Elevated Installation >20' To 25', Add	*6.88*	
		For Elevated Installation >25' To 30', Add	*9.64*	
		For Elevated Installation >30' To 35', Add	*11.01*	
		For Elevated Installation >35' To 40', Add	*13.77*	
		For Elevated Installation >40', Add	*15.14*	
		For Work In Restricted Working Space, Add	*8.26*	
26 05 33 13-0853	LF	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit	73.88	13.56
		For >250 To 500, Deduct	*-2.85*	
		For >500 To 1,000, Deduct	*-4.69*	
		For >1,000, Deduct	*-6.54*	
		For Elevated Installation >10' To 15', Add	*3.39*	
		For Elevated Installation >15' To 20', Add	*6.78*	
		For Elevated Installation >20' To 25', Add	*8.47*	
		For Elevated Installation >25' To 30', Add	*11.86*	
		For Elevated Installation >30' To 35', Add	*13.55*	
		For Elevated Installation >35' To 40', Add	*16.94*	
		For Elevated Installation >40', Add	*18.63*	
		For Work In Restricted Working Space, Add	*10.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0854	LF	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit	87.40	16.09
		For >250 To 500, Deduct	*-3.36*	
		For >500 To 1,000, Deduct	*-5.55*	
		For >1,000, Deduct	*-7.73*	
		For Elevated Installation >10' To 15', Add	*4.02*	
		For Elevated Installation >15' To 20', Add	*8.05*	
		For Elevated Installation >20' To 25', Add	*10.06*	
		For Elevated Installation >25' To 30', Add	*14.08*	
		For Elevated Installation >30' To 35', Add	*16.10*	
		For Elevated Installation >35' To 40', Add	*20.12*	
		For Elevated Installation >40', Add	*22.13*	
		For Work In Restricted Working Space, Add	*12.07*	
26 05 33 13-0855	LF	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit	131.22	19.06
		For >250 To 500, Deduct	*-5.37*	
		For >500 To 1,000, Deduct	*-8.65*	
		For >1,000, Deduct	*-11.93*	
		For Elevated Installation >10' To 15', Add	*4.77*	
		For Elevated Installation >15' To 20', Add	*9.53*	
		For Elevated Installation >20' To 25', Add	*11.91*	
		For Elevated Installation >25' To 30', Add	*16.68*	
		For Elevated Installation >30' To 35', Add	*19.06*	
		For Elevated Installation >35' To 40', Add	*23.83*	
		For Elevated Installation >40', Add	*26.21*	
		For Work In Restricted Working Space, Add	*14.30*	
26 05 33 13-0856	LF	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit	178.06	25.42
		For >250 To 500, Deduct	*-7.31*	
		For >500 To 1,000, Deduct	*-11.77*	
		For >1,000, Deduct	*-16.22*	
		For Elevated Installation >10' To 15', Add	*6.35*	
		For Elevated Installation >15' To 20', Add	*12.71*	
		For Elevated Installation >20' To 25', Add	*15.88*	
		For Elevated Installation >25' To 30', Add	*22.24*	
		For Elevated Installation >30' To 35', Add	*25.41*	
		For Elevated Installation >35' To 40', Add	*31.77*	
		For Elevated Installation >40', Add	*34.94*	
		For Work In Restricted Working Space, Add	*19.06*	

26 05 33 13-0857 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Couplings *(26 05 33 13-0843)*

26 05 33 13-0858	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling	18.69	6.36
		For Elevated Installation >10' To 15', Add	*1.27*	
		For Elevated Installation >15' To 20', Add	*2.54*	
		For Elevated Installation >20' To 25', Add	*3.18*	
		For Elevated Installation >25' To 30', Add	*4.45*	
		For Elevated Installation >30' To 35', Add	*5.08*	
		For Elevated Installation >35' To 40', Add	*6.35*	
		For Elevated Installation >40', Add	*6.99*	
		For Work In Restricted Working Space, Add	*3.81*	
26 05 33 13-0859	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling	24.28	9.00
		For Elevated Installation >10' To 15', Add	*1.80*	
		For Elevated Installation >15' To 20', Add	*3.60*	
		For Elevated Installation >20' To 25', Add	*4.50*	
		For Elevated Installation >25' To 30', Add	*6.30*	
		For Elevated Installation >30' To 35', Add	*7.20*	
		For Elevated Installation >35' To 40', Add	*9.00*	
		For Elevated Installation >40', Add	*9.90*	
		For Work In Restricted Working Space, Add	*5.40*	
26 05 33 13-0860	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling	31.44	11.65
		For Elevated Installation >10' To 15', Add	*2.33*	
		For Elevated Installation >15' To 20', Add	*4.66*	
		For Elevated Installation >20' To 25', Add	*5.82*	
		For Elevated Installation >25' To 30', Add	*8.15*	
		For Elevated Installation >30' To 35', Add	*9.32*	
		For Elevated Installation >35' To 40', Add	*11.65*	
		For Elevated Installation >40', Add	*12.81*	
		For Work In Restricted Working Space, Add	*6.99*	
26 05 33 13-0861	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling	35.98	13.24
		For Elevated Installation >10' To 15', Add	*2.65*	
		For Elevated Installation >15' To 20', Add	*5.29*	
		For Elevated Installation >20' To 25', Add	*6.62*	
		For Elevated Installation >25' To 30', Add	*9.26*	
		For Elevated Installation >30' To 35', Add	*10.59*	
		For Elevated Installation >35' To 40', Add	*13.24*	
		For Elevated Installation >40', Add	*14.56*	
		For Work In Restricted Working Space, Add	*7.94*	
26 05 33 13-0862	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling	43.06	15.88
		For Elevated Installation >10' To 15', Add	*3.18*	
		For Elevated Installation >15' To 20', Add	*6.35*	
		For Elevated Installation >20' To 25', Add	*7.94*	
		For Elevated Installation >25' To 30', Add	*11.12*	
		For Elevated Installation >30' To 35', Add	*12.70*	
		For Elevated Installation >35' To 40', Add	*15.88*	
		For Elevated Installation >40', Add	*17.47*	
		For Work In Restricted Working Space, Add	*9.53*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0863	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling	52.55	18.00
		For Elevated Installation >10' To 15', Add	*3.60*	
		For Elevated Installation >15' To 20', Add	*7.20*	
		For Elevated Installation >20' To 25', Add	*9.00*	
		For Elevated Installation >25' To 30', Add	*12.60*	
		For Elevated Installation >30' To 35', Add	*14.40*	
		For Elevated Installation >35' To 40', Add	*18.01*	
		For Elevated Installation >40', Add	*19.81*	
		For Work In Restricted Working Space, Add	*10.80*	
26 05 33 13-0864	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling	81.19	18.00
		For Elevated Installation >10' To 15', Add	*4.02*	
		For Elevated Installation >15' To 20', Add	*8.05*	
		For Elevated Installation >20' To 25', Add	*10.06*	
		For Elevated Installation >25' To 30', Add	*14.08*	
		For Elevated Installation >30' To 35', Add	*16.10*	
		For Elevated Installation >35' To 40', Add	*20.12*	
		For Elevated Installation >40', Add	*22.13*	
		For Work In Restricted Working Space, Add	*12.07*	
26 05 33 13-0865	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling	95.26	24.89
		For Elevated Installation >10' To 15', Add	*4.55*	
		For Elevated Installation >15' To 20', Add	*9.11*	
		For Elevated Installation >20' To 25', Add	*11.38*	
		For Elevated Installation >25' To 30', Add	*15.94*	
		For Elevated Installation >30' To 35', Add	*18.21*	
		For Elevated Installation >35' To 40', Add	*22.77*	
		For Elevated Installation >40', Add	*25.04*	
		For Work In Restricted Working Space, Add	*13.66*	
26 05 33 13-0866	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling	113.57	24.89
		For Elevated Installation >10' To 15', Add	*4.98*	
		For Elevated Installation >15' To 20', Add	*9.95*	
		For Elevated Installation >20' To 25', Add	*12.44*	
		For Elevated Installation >25' To 30', Add	*17.42*	
		For Elevated Installation >30' To 35', Add	*19.91*	
		For Elevated Installation >35' To 40', Add	*24.89*	
		For Elevated Installation >40', Add	*27.37*	
		For Work In Restricted Working Space, Add	*14.93*	
26 05 33 13-0867	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling	127.54	26.47
		For Elevated Installation >10' To 15', Add	*5.29*	
		For Elevated Installation >15' To 20', Add	*10.59*	
		For Elevated Installation >20' To 25', Add	*13.24*	
		For Elevated Installation >25' To 30', Add	*18.53*	
		For Elevated Installation >30' To 35', Add	*21.18*	
		For Elevated Installation >35' To 40', Add	*26.47*	
		For Elevated Installation >40', Add	*29.12*	
		For Work In Restricted Working Space, Add	*15.88*	
26 05 33 13-0868	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling	306.61	31.76
		For Elevated Installation >10' To 15', Add	*6.35*	
		For Elevated Installation >15' To 20', Add	*12.71*	
		For Elevated Installation >20' To 25', Add	*15.88*	
		For Elevated Installation >25' To 30', Add	*22.24*	
		For Elevated Installation >30' To 35', Add	*25.41*	
		For Elevated Installation >35' To 40', Add	*31.77*	
		For Elevated Installation >40', Add	*34.94*	
		For Work In Restricted Working Space, Add	*19.06*	
26 05 33 13-0869	EA	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling	345.65	37.06
		For Elevated Installation >10' To 15', Add	*7.41*	
		For Elevated Installation >15' To 20', Add	*14.82*	
		For Elevated Installation >20' To 25', Add	*18.53*	
		For Elevated Installation >25' To 30', Add	*25.94*	
		For Elevated Installation >30' To 35', Add	*29.65*	
		For Elevated Installation >35' To 40', Add	*37.06*	
		For Elevated Installation >40', Add	*40.77*	
		For Work In Restricted Working Space, Add	*22.24*	

26 05 33 13-0870 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbows *(26 05 33 13-0843)*

Note: 90, 45, or 30 degree.

26 05 33 13-0871	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow	55.42	17.21
		For Elevated Installation >10' To 15', Add	*3.44*	
		For Elevated Installation >15' To 20', Add	*6.88*	
		For Elevated Installation >20' To 25', Add	*8.60*	
		For Elevated Installation >25' To 30', Add	*12.04*	
		For Elevated Installation >30' To 35', Add	*13.76*	
		For Elevated Installation >35' To 40', Add	*17.21*	
		For Elevated Installation >40', Add	*18.93*	
		For Work In Restricted Working Space, Add	*10.32*	
26 05 33 13-0872	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow	64.48	21.34
		For Elevated Installation >10' To 15', Add	*4.27*	
		For Elevated Installation >15' To 20', Add	*8.53*	
		For Elevated Installation >20' To 25', Add	*10.67*	
		For Elevated Installation >25' To 30', Add	*14.93*	
		For Elevated Installation >30' To 35', Add	*17.07*	
		For Elevated Installation >35' To 40', Add	*21.34*	
		For Elevated Installation >40', Add	*23.47*	
		For Work In Restricted Working Space, Add	*12.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0873	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow	77.32	26.15
		For Elevated Installation >10' To 15', Add	*5.23*	
		For Elevated Installation >15' To 20', Add	*10.46*	
		For Elevated Installation >20' To 25', Add	*13.08*	
		For Elevated Installation >25' To 30', Add	*18.31*	
		For Elevated Installation >30' To 35', Add	*20.92*	
		For Elevated Installation >35' To 40', Add	*26.16*	
		For Elevated Installation >40', Add	*28.77*	
		For Work In Restricted Working Space, Add	*15.69*	
26 05 33 13-0874	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow	91.31	30.28
		For Elevated Installation >10' To 15', Add	*6.06*	
		For Elevated Installation >15' To 20', Add	*12.11*	
		For Elevated Installation >20' To 25', Add	*15.14*	
		For Elevated Installation >25' To 30', Add	*21.20*	
		For Elevated Installation >30' To 35', Add	*24.23*	
		For Elevated Installation >35' To 40', Add	*30.29*	
		For Elevated Installation >40', Add	*33.31*	
		For Work In Restricted Working Space, Add	*18.17*	
26 05 33 13-0875	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow	106.59	34.41
		For Elevated Installation >10' To 15', Add	*6.88*	
		For Elevated Installation >15' To 20', Add	*13.76*	
		For Elevated Installation >20' To 25', Add	*17.21*	
		For Elevated Installation >25' To 30', Add	*24.09*	
		For Elevated Installation >30' To 35', Add	*27.53*	
		For Elevated Installation >35' To 40', Add	*34.41*	
		For Elevated Installation >40', Add	*37.85*	
		For Work In Restricted Working Space, Add	*20.65*	
26 05 33 13-0876	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow	128.43	37.85
		For Elevated Installation >10' To 15', Add	*7.57*	
		For Elevated Installation >15' To 20', Add	*15.14*	
		For Elevated Installation >20' To 25', Add	*18.93*	
		For Elevated Installation >25' To 30', Add	*26.50*	
		For Elevated Installation >30' To 35', Add	*30.28*	
		For Elevated Installation >35' To 40', Add	*37.86*	
		For Elevated Installation >40', Add	*41.64*	
		For Work In Restricted Working Space, Add	*22.71*	
26 05 33 13-0877	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow	194.30	47.49
		For Elevated Installation >10' To 15', Add	*9.50*	
		For Elevated Installation >15' To 20', Add	*19.00*	
		For Elevated Installation >20' To 25', Add	*23.75*	
		For Elevated Installation >25' To 30', Add	*33.24*	
		For Elevated Installation >30' To 35', Add	*37.99*	
		For Elevated Installation >35' To 40', Add	*47.49*	
		For Elevated Installation >40', Add	*52.24*	
		For Work In Restricted Working Space, Add	*28.49*	
26 05 33 13-0878	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow	288.09	64.70
		For Elevated Installation >10' To 15', Add	*12.94*	
		For Elevated Installation >15' To 20', Add	*25.88*	
		For Elevated Installation >20' To 25', Add	*32.35*	
		For Elevated Installation >25' To 30', Add	*45.29*	
		For Elevated Installation >30' To 35', Add	*51.76*	
		For Elevated Installation >35' To 40', Add	*64.70*	
		For Elevated Installation >40', Add	*71.16*	
		For Work In Restricted Working Space, Add	*38.82*	
26 05 33 13-0879	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow	354.16	72.95
		For Elevated Installation >10' To 15', Add	*14.59*	
		For Elevated Installation >15' To 20', Add	*29.18*	
		For Elevated Installation >20' To 25', Add	*36.48*	
		For Elevated Installation >25' To 30', Add	*51.07*	
		For Elevated Installation >30' To 35', Add	*58.37*	
		For Elevated Installation >35' To 40', Add	*72.96*	
		For Elevated Installation >40', Add	*80.26*	
		For Work In Restricted Working Space, Add	*43.78*	
26 05 33 13-0880	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow	410.09	94.98
		For Elevated Installation >10' To 15', Add	*19.00*	
		For Elevated Installation >15' To 20', Add	*37.99*	
		For Elevated Installation >20' To 25', Add	*47.49*	
		For Elevated Installation >25' To 30', Add	*66.49*	
		For Elevated Installation >30' To 35', Add	*75.98*	
		For Elevated Installation >35' To 40', Add	*94.98*	
		For Elevated Installation >40', Add	*104.48*	
		For Work In Restricted Working Space, Add	*56.99*	
26 05 33 13-0881	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow	840.20	154.86
		For Elevated Installation >10' To 15', Add	*30.97*	
		For Elevated Installation >15' To 20', Add	*61.94*	
		For Elevated Installation >20' To 25', Add	*77.43*	
		For Elevated Installation >25' To 30', Add	*108.40*	
		For Elevated Installation >30' To 35', Add	*123.89*	
		For Elevated Installation >35' To 40', Add	*154.86*	
		For Elevated Installation >40', Add	*170.35*	
		For Work In Restricted Working Space, Add	*92.92*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0882	EA	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow	1,317.96	232.64
		For Elevated Installation >10' To 15', Add	*46.53*	
		For Elevated Installation >15' To 20', Add	*93.06*	
		For Elevated Installation >20' To 25', Add	*116.32*	
		For Elevated Installation >25' To 30', Add	*162.85*	
		For Elevated Installation >30' To 35', Add	*186.11*	
		For Elevated Installation >35' To 40', Add	*232.64*	
		For Elevated Installation >40', Add	*255.90*	
		For Work In Restricted Working Space, Add	*139.58*	

26 05 33 13-0883 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbows *(26 05 33 13-0843)*

26 05 33 13-0884	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbow	126.83	26.15
		For Elevated Installation >10' To 15', Add	*5.23*	
		For Elevated Installation >15' To 20', Add	*10.46*	
		For Elevated Installation >20' To 25', Add	*13.08*	
		For Elevated Installation >25' To 30', Add	*18.31*	
		For Elevated Installation >30' To 35', Add	*20.92*	
		For Elevated Installation >35' To 40', Add	*26.16*	
		For Elevated Installation >40', Add	*28.77*	
		For Work In Restricted Working Space, Add	*15.69*	
26 05 33 13-0885	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbow	143.00	30.28
		For Elevated Installation >10' To 15', Add	*6.06*	
		For Elevated Installation >15' To 20', Add	*12.11*	
		For Elevated Installation >20' To 25', Add	*15.14*	
		For Elevated Installation >25' To 30', Add	*21.20*	
		For Elevated Installation >30' To 35', Add	*24.23*	
		For Elevated Installation >35' To 40', Add	*30.29*	
		For Elevated Installation >40', Add	*33.31*	
		For Work In Restricted Working Space, Add	*18.17*	
26 05 33 13-0886	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbow	163.19	34.41
		For Elevated Installation >10' To 15', Add	*6.88*	
		For Elevated Installation >15' To 20', Add	*13.76*	
		For Elevated Installation >20' To 25', Add	*17.21*	
		For Elevated Installation >25' To 30', Add	*24.09*	
		For Elevated Installation >30' To 35', Add	*27.53*	
		For Elevated Installation >35' To 40', Add	*34.41*	
		For Elevated Installation >40', Add	*37.85*	
		For Work In Restricted Working Space, Add	*20.65*	
26 05 33 13-0887	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbow	193.73	37.85
		For Elevated Installation >10' To 15', Add	*7.57*	
		For Elevated Installation >15' To 20', Add	*15.14*	
		For Elevated Installation >20' To 25', Add	*18.93*	
		For Elevated Installation >25' To 30', Add	*26.50*	
		For Elevated Installation >30' To 35', Add	*30.28*	
		For Elevated Installation >35' To 40', Add	*37.86*	
		For Elevated Installation >40', Add	*41.64*	
		For Work In Restricted Working Space, Add	*22.71*	
26 05 33 13-0888	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbow	268.21	47.49
		For Elevated Installation >10' To 15', Add	*9.50*	
		For Elevated Installation >15' To 20', Add	*19.00*	
		For Elevated Installation >20' To 25', Add	*23.75*	
		For Elevated Installation >25' To 30', Add	*33.24*	
		For Elevated Installation >30' To 35', Add	*37.99*	
		For Elevated Installation >35' To 40', Add	*47.49*	
		For Elevated Installation >40', Add	*52.24*	
		For Work In Restricted Working Space, Add	*28.49*	

26 05 33 13-0889 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbows *(26 05 33 13-0843)*

26 05 33 13-0890	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow	140.23	26.15
		For Elevated Installation >10' To 15', Add	*5.23*	
		For Elevated Installation >15' To 20', Add	*10.46*	
		For Elevated Installation >20' To 25', Add	*13.08*	
		For Elevated Installation >25' To 30', Add	*18.31*	
		For Elevated Installation >30' To 35', Add	*20.92*	
		For Elevated Installation >35' To 40', Add	*26.16*	
		For Elevated Installation >40', Add	*28.77*	
		For Work In Restricted Working Space, Add	*15.69*	
26 05 33 13-0891	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow	165.13	30.28
		For Elevated Installation >10' To 15', Add	*6.06*	
		For Elevated Installation >15' To 20', Add	*12.11*	
		For Elevated Installation >20' To 25', Add	*15.14*	
		For Elevated Installation >25' To 30', Add	*21.20*	
		For Elevated Installation >30' To 35', Add	*24.23*	
		For Elevated Installation >35' To 40', Add	*30.29*	
		For Elevated Installation >40', Add	*33.31*	
		For Work In Restricted Working Space, Add	*18.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0892	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow	179.05	34.41
		For Elevated Installation >10' To 15', Add	*6.88*	
		For Elevated Installation >15' To 20', Add	*13.76*	
		For Elevated Installation >20' To 25', Add	*17.21*	
		For Elevated Installation >25' To 30', Add	*24.09*	
		For Elevated Installation >30' To 35', Add	*27.53*	
		For Elevated Installation >35' To 40', Add	*34.41*	
		For Elevated Installation >40', Add	*37.85*	
		For Work In Restricted Working Space, Add	*20.65*	
26 05 33 13-0893	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow	228.32	37.85
		For Elevated Installation >10' To 15', Add	*7.57*	
		For Elevated Installation >15' To 20', Add	*15.14*	
		For Elevated Installation >20' To 25', Add	*18.93*	
		For Elevated Installation >25' To 30', Add	*26.50*	
		For Elevated Installation >30' To 35', Add	*30.28*	
		For Elevated Installation >35' To 40', Add	*37.86*	
		For Elevated Installation >40', Add	*41.64*	
		For Work In Restricted Working Space, Add	*22.71*	
26 05 33 13-0894	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow	301.57	47.49
		For Elevated Installation >10' To 15', Add	*9.50*	
		For Elevated Installation >15' To 20', Add	*19.00*	
		For Elevated Installation >20' To 25', Add	*23.75*	
		For Elevated Installation >25' To 30', Add	*33.24*	
		For Elevated Installation >30' To 35', Add	*37.99*	
		For Elevated Installation >35' To 40', Add	*47.49*	
		For Elevated Installation >40', Add	*52.24*	
		For Work In Restricted Working Space, Add	*28.49*	
26 05 33 13-0895	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow	387.02	64.70
		For Elevated Installation >10' To 15', Add	*12.94*	
		For Elevated Installation >15' To 20', Add	*25.88*	
		For Elevated Installation >20' To 25', Add	*32.35*	
		For Elevated Installation >25' To 30', Add	*45.29*	
		For Elevated Installation >30' To 35', Add	*51.76*	
		For Elevated Installation >35' To 40', Add	*64.70*	
		For Elevated Installation >40', Add	*71.16*	
		For Work In Restricted Working Space, Add	*38.82*	

26 05 33 13-0896 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbows *(26 05 33 13-0843)*

26 05 33 13-0897	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow	156.24	26.15
		For Elevated Installation >10' To 15', Add	*5.23*	
		For Elevated Installation >15' To 20', Add	*10.46*	
		For Elevated Installation >20' To 25', Add	*13.08*	
		For Elevated Installation >25' To 30', Add	*18.31*	
		For Elevated Installation >30' To 35', Add	*20.92*	
		For Elevated Installation >35' To 40', Add	*26.16*	
		For Elevated Installation >40', Add	*28.77*	
		For Work In Restricted Working Space, Add	*15.69*	
26 05 33 13-0898	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow	176.65	30.28
		For Elevated Installation >10' To 15', Add	*6.06*	
		For Elevated Installation >15' To 20', Add	*12.11*	
		For Elevated Installation >20' To 25', Add	*15.14*	
		For Elevated Installation >25' To 30', Add	*21.20*	
		For Elevated Installation >30' To 35', Add	*24.23*	
		For Elevated Installation >35' To 40', Add	*30.29*	
		For Elevated Installation >40', Add	*33.31*	
		For Work In Restricted Working Space, Add	*18.17*	
26 05 33 13-0899	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow	199.41	34.41
		For Elevated Installation >10' To 15', Add	*6.88*	
		For Elevated Installation >15' To 20', Add	*13.76*	
		For Elevated Installation >20' To 25', Add	*17.21*	
		For Elevated Installation >25' To 30', Add	*24.09*	
		For Elevated Installation >30' To 35', Add	*27.53*	
		For Elevated Installation >35' To 40', Add	*34.41*	
		For Elevated Installation >40', Add	*37.85*	
		For Work In Restricted Working Space, Add	*20.65*	
26 05 33 13-0900	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow	239.80	37.85
		For Elevated Installation >10' To 15', Add	*7.57*	
		For Elevated Installation >15' To 20', Add	*15.14*	
		For Elevated Installation >20' To 25', Add	*18.93*	
		For Elevated Installation >25' To 30', Add	*26.50*	
		For Elevated Installation >30' To 35', Add	*30.28*	
		For Elevated Installation >35' To 40', Add	*37.86*	
		For Elevated Installation >40', Add	*41.64*	
		For Work In Restricted Working Space, Add	*22.71*	
26 05 33 13-0901	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow	339.90	47.49
		For Elevated Installation >10' To 15', Add	*9.50*	
		For Elevated Installation >15' To 20', Add	*19.00*	
		For Elevated Installation >20' To 25', Add	*23.75*	
		For Elevated Installation >25' To 30', Add	*33.24*	
		For Elevated Installation >30' To 35', Add	*37.99*	
		For Elevated Installation >35' To 40', Add	*47.49*	
		For Elevated Installation >40', Add	*52.24*	
		For Work In Restricted Working Space, Add	*28.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0902	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow	432.02	64.70
		For Elevated Installation >10' To 15', Add	*12.94*	
		For Elevated Installation >15' To 20', Add	*25.88*	
		For Elevated Installation >20' To 25', Add	*32.35*	
		For Elevated Installation >25' To 30', Add	*45.29*	
		For Elevated Installation >30' To 35', Add	*51.76*	
		For Elevated Installation >35' To 40', Add	*64.70*	
		For Elevated Installation >40', Add	*71.16*	
		For Work In Restricted Working Space, Add	*38.82*	
26 05 33 13-0903	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow	542.63	72.95
		For Elevated Installation >10' To 15', Add	*14.59*	
		For Elevated Installation >15' To 20', Add	*29.18*	
		For Elevated Installation >20' To 25', Add	*36.48*	
		For Elevated Installation >25' To 30', Add	*51.07*	
		For Elevated Installation >30' To 35', Add	*58.37*	
		For Elevated Installation >35' To 40', Add	*72.96*	
		For Elevated Installation >40', Add	*80.26*	
		For Work In Restricted Working Space, Add	*43.78*	
26 05 33 13-0904	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow	615.42	94.98
		For Elevated Installation >10' To 15', Add	*19.00*	
		For Elevated Installation >15' To 20', Add	*37.99*	
		For Elevated Installation >20' To 25', Add	*47.49*	
		For Elevated Installation >25' To 30', Add	*66.49*	
		For Elevated Installation >30' To 35', Add	*75.98*	
		For Elevated Installation >35' To 40', Add	*94.98*	
		For Elevated Installation >40', Add	*104.48*	
		For Work In Restricted Working Space, Add	*56.99*	

26 05 33 13-0905 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbows *(26 05 33 13-0843)*

26 05 33 13-0906	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow	183.89	26.15
		For Elevated Installation >10' To 15', Add	*5.23*	
		For Elevated Installation >15' To 20', Add	*10.46*	
		For Elevated Installation >20' To 25', Add	*13.08*	
		For Elevated Installation >25' To 30', Add	*18.31*	
		For Elevated Installation >30' To 35', Add	*20.92*	
		For Elevated Installation >35' To 40', Add	*26.16*	
		For Elevated Installation >40', Add	*28.77*	
		For Work In Restricted Working Space, Add	*15.69*	
26 05 33 13-0907	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow	203.70	30.28
		For Elevated Installation >10' To 15', Add	*6.06*	
		For Elevated Installation >15' To 20', Add	*12.11*	
		For Elevated Installation >20' To 25', Add	*15.14*	
		For Elevated Installation >25' To 30', Add	*21.20*	
		For Elevated Installation >30' To 35', Add	*24.23*	
		For Elevated Installation >35' To 40', Add	*30.29*	
		For Elevated Installation >40', Add	*33.31*	
		For Work In Restricted Working Space, Add	*18.17*	
26 05 33 13-0908	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow	230.12	34.41
		For Elevated Installation >10' To 15', Add	*6.88*	
		For Elevated Installation >15' To 20', Add	*13.76*	
		For Elevated Installation >20' To 25', Add	*17.21*	
		For Elevated Installation >25' To 30', Add	*24.09*	
		For Elevated Installation >30' To 35', Add	*27.53*	
		For Elevated Installation >35' To 40', Add	*34.41*	
		For Elevated Installation >40', Add	*37.85*	
		For Work In Restricted Working Space, Add	*20.65*	
26 05 33 13-0909	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow	284.02	37.85
		For Elevated Installation >10' To 15', Add	*7.57*	
		For Elevated Installation >15' To 20', Add	*15.14*	
		For Elevated Installation >20' To 25', Add	*18.93*	
		For Elevated Installation >25' To 30', Add	*26.50*	
		For Elevated Installation >30' To 35', Add	*30.28*	
		For Elevated Installation >35' To 40', Add	*37.86*	
		For Elevated Installation >40', Add	*41.64*	
		For Work In Restricted Working Space, Add	*22.71*	
26 05 33 13-0910	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow	408.51	47.49
		For Elevated Installation >10' To 15', Add	*9.50*	
		For Elevated Installation >15' To 20', Add	*19.00*	
		For Elevated Installation >20' To 25', Add	*23.75*	
		For Elevated Installation >25' To 30', Add	*33.24*	
		For Elevated Installation >30' To 35', Add	*37.99*	
		For Elevated Installation >35' To 40', Add	*47.49*	
		For Elevated Installation >40', Add	*52.24*	
		For Work In Restricted Working Space, Add	*28.49*	
26 05 33 13-0911	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow	508.27	64.70
		For Elevated Installation >10' To 15', Add	*12.94*	
		For Elevated Installation >15' To 20', Add	*25.88*	
		For Elevated Installation >20' To 25', Add	*32.35*	
		For Elevated Installation >25' To 30', Add	*45.29*	
		For Elevated Installation >30' To 35', Add	*51.76*	
		For Elevated Installation >35' To 40', Add	*64.70*	
		For Elevated Installation >40', Add	*71.16*	
		For Work In Restricted Working Space, Add	*38.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0912	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow	589.18	72.95
		For Elevated Installation >10' To 15', Add	*14.59*	
		For Elevated Installation >15' To 20', Add	*29.18*	
		For Elevated Installation >20' To 25', Add	*36.48*	
		For Elevated Installation >25' To 30', Add	*51.07*	
		For Elevated Installation >30' To 35', Add	*58.37*	
		For Elevated Installation >35' To 40', Add	*72.96*	
		For Elevated Installation >40', Add	*80.26*	
		For Work In Restricted Working Space, Add	*43.78*	
26 05 33 13-0913	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow	700.88	94.98
		For Elevated Installation >10' To 15', Add	*19.00*	
		For Elevated Installation >15' To 20', Add	*37.99*	
		For Elevated Installation >20' To 25', Add	*47.49*	
		For Elevated Installation >25' To 30', Add	*66.49*	
		For Elevated Installation >30' To 35', Add	*75.98*	
		For Elevated Installation >35' To 40', Add	*94.98*	
		For Elevated Installation >40', Add	*104.48*	
		For Work In Restricted Working Space, Add	*56.99*	

26 05 33 13-0914 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbows *(26 05 33 13-0843)*

26 05 33 13-0915	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow	205.41	26.15
		For Elevated Installation >10' To 15', Add	*5.23*	
		For Elevated Installation >15' To 20', Add	*10.46*	
		For Elevated Installation >20' To 25', Add	*13.08*	
		For Elevated Installation >25' To 30', Add	*18.31*	
		For Elevated Installation >30' To 35', Add	*20.92*	
		For Elevated Installation >35' To 40', Add	*26.16*	
		For Elevated Installation >40', Add	*28.77*	
		For Work In Restricted Working Space, Add	*15.69*	
26 05 33 13-0916	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow	228.88	30.28
		For Elevated Installation >10' To 15', Add	*6.06*	
		For Elevated Installation >15' To 20', Add	*12.11*	
		For Elevated Installation >20' To 25', Add	*15.14*	
		For Elevated Installation >25' To 30', Add	*21.20*	
		For Elevated Installation >30' To 35', Add	*24.23*	
		For Elevated Installation >35' To 40', Add	*30.29*	
		For Elevated Installation >40', Add	*33.31*	
		For Work In Restricted Working Space, Add	*18.17*	
26 05 33 13-0917	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow	260.35	34.41
		For Elevated Installation >10' To 15', Add	*6.88*	
		For Elevated Installation >15' To 20', Add	*13.76*	
		For Elevated Installation >20' To 25', Add	*17.21*	
		For Elevated Installation >25' To 30', Add	*24.09*	
		For Elevated Installation >30' To 35', Add	*27.53*	
		For Elevated Installation >35' To 40', Add	*34.41*	
		For Elevated Installation >40', Add	*37.85*	
		For Work In Restricted Working Space, Add	*20.65*	
26 05 33 13-0918	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow	322.52	37.85
		For Elevated Installation >10' To 15', Add	*7.57*	
		For Elevated Installation >15' To 20', Add	*15.14*	
		For Elevated Installation >20' To 25', Add	*18.93*	
		For Elevated Installation >25' To 30', Add	*26.50*	
		For Elevated Installation >30' To 35', Add	*30.28*	
		For Elevated Installation >35' To 40', Add	*37.86*	
		For Elevated Installation >40', Add	*41.64*	
		For Work In Restricted Working Space, Add	*22.71*	
26 05 33 13-0919	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow	445.94	47.49
		For Elevated Installation >10' To 15', Add	*9.50*	
		For Elevated Installation >15' To 20', Add	*19.00*	
		For Elevated Installation >20' To 25', Add	*23.75*	
		For Elevated Installation >25' To 30', Add	*33.24*	
		For Elevated Installation >30' To 35', Add	*37.99*	
		For Elevated Installation >35' To 40', Add	*47.49*	
		For Elevated Installation >40', Add	*52.24*	
		For Work In Restricted Working Space, Add	*28.49*	
26 05 33 13-0920	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow	569.26	64.70
		For Elevated Installation >10' To 15', Add	*12.94*	
		For Elevated Installation >15' To 20', Add	*25.88*	
		For Elevated Installation >20' To 25', Add	*32.35*	
		For Elevated Installation >25' To 30', Add	*45.29*	
		For Elevated Installation >30' To 35', Add	*51.76*	
		For Elevated Installation >35' To 40', Add	*64.70*	
		For Elevated Installation >40', Add	*71.16*	
		For Work In Restricted Working Space, Add	*38.82*	
26 05 33 13-0921	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow	702.38	72.95
		For Elevated Installation >10' To 15', Add	*14.59*	
		For Elevated Installation >15' To 20', Add	*29.18*	
		For Elevated Installation >20' To 25', Add	*36.48*	
		For Elevated Installation >25' To 30', Add	*51.07*	
		For Elevated Installation >30' To 35', Add	*58.37*	
		For Elevated Installation >35' To 40', Add	*72.96*	
		For Elevated Installation >40', Add	*80.26*	
		For Work In Restricted Working Space, Add	*43.78*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0922	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow	779.34	94.98
		For Elevated Installation >10' To 15', Add	*19.00*	
		For Elevated Installation >15' To 20', Add	*37.99*	
		For Elevated Installation >20' To 25', Add	*47.49*	
		For Elevated Installation >25' To 30', Add	*66.49*	
		For Elevated Installation >30' To 35', Add	*75.98*	
		For Elevated Installation >35' To 40', Add	*94.98*	
		For Elevated Installation >40', Add	*104.48*	
		For Work In Restricted Working Space, Add	*56.99*	
26 05 33 13-0923	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow	1,298.21	154.86
		For Elevated Installation >10' To 15', Add	*30.97*	
		For Elevated Installation >15' To 20', Add	*61.94*	
		For Elevated Installation >20' To 25', Add	*77.43*	
		For Elevated Installation >25' To 30', Add	*108.40*	
		For Elevated Installation >30' To 35', Add	*123.89*	
		For Elevated Installation >35' To 40', Add	*154.86*	
		For Elevated Installation >40', Add	*170.35*	
		For Work In Restricted Working Space, Add	*92.92*	

26 05 33 13-0924 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbows *(26 05 33 13-0843)*

26 05 33 13-0925	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	233.55	26.15
		For Elevated Installation >10' To 15', Add	*5.23*	
		For Elevated Installation >15' To 20', Add	*10.46*	
		For Elevated Installation >20' To 25', Add	*13.08*	
		For Elevated Installation >25' To 30', Add	*18.31*	
		For Elevated Installation >30' To 35', Add	*20.92*	
		For Elevated Installation >35' To 40', Add	*26.16*	
		For Elevated Installation >40', Add	*28.77*	
		For Work In Restricted Working Space, Add	*15.69*	
26 05 33 13-0926	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	259.30	30.28
		For Elevated Installation >10' To 15', Add	*6.06*	
		For Elevated Installation >15' To 20', Add	*12.11*	
		For Elevated Installation >20' To 25', Add	*15.14*	
		For Elevated Installation >25' To 30', Add	*21.20*	
		For Elevated Installation >30' To 35', Add	*24.23*	
		For Elevated Installation >35' To 40', Add	*30.29*	
		For Elevated Installation >40', Add	*33.31*	
		For Work In Restricted Working Space, Add	*18.17*	
26 05 33 13-0927	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	293.48	34.41
		For Elevated Installation >10' To 15', Add	*6.88*	
		For Elevated Installation >15' To 20', Add	*13.76*	
		For Elevated Installation >20' To 25', Add	*17.21*	
		For Elevated Installation >25' To 30', Add	*24.09*	
		For Elevated Installation >30' To 35', Add	*27.53*	
		For Elevated Installation >35' To 40', Add	*34.41*	
		For Elevated Installation >40', Add	*37.85*	
		For Work In Restricted Working Space, Add	*20.65*	
26 05 33 13-0928	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	365.22	37.85
		For Elevated Installation >10' To 15', Add	*7.57*	
		For Elevated Installation >15' To 20', Add	*15.14*	
		For Elevated Installation >20' To 25', Add	*18.93*	
		For Elevated Installation >25' To 30', Add	*26.50*	
		For Elevated Installation >30' To 35', Add	*30.28*	
		For Elevated Installation >35' To 40', Add	*37.86*	
		For Elevated Installation >40', Add	*41.64*	
		For Work In Restricted Working Space, Add	*22.71*	
26 05 33 13-0929	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	508.31	47.49
		For Elevated Installation >10' To 15', Add	*9.50*	
		For Elevated Installation >15' To 20', Add	*19.00*	
		For Elevated Installation >20' To 25', Add	*23.75*	
		For Elevated Installation >25' To 30', Add	*33.24*	
		For Elevated Installation >30' To 35', Add	*37.99*	
		For Elevated Installation >35' To 40', Add	*47.49*	
		For Elevated Installation >40', Add	*52.24*	
		For Work In Restricted Working Space, Add	*28.49*	
26 05 33 13-0930	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	646.96	64.70
		For Elevated Installation >10' To 15', Add	*12.94*	
		For Elevated Installation >15' To 20', Add	*25.88*	
		For Elevated Installation >20' To 25', Add	*32.35*	
		For Elevated Installation >25' To 30', Add	*45.29*	
		For Elevated Installation >30' To 35', Add	*51.76*	
		For Elevated Installation >35' To 40', Add	*64.70*	
		For Elevated Installation >40', Add	*71.16*	
		For Work In Restricted Working Space, Add	*38.82*	
26 05 33 13-0931	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	759.09	72.95
		For Elevated Installation >10' To 15', Add	*14.59*	
		For Elevated Installation >15' To 20', Add	*29.18*	
		For Elevated Installation >20' To 25', Add	*36.48*	
		For Elevated Installation >25' To 30', Add	*51.07*	
		For Elevated Installation >30' To 35', Add	*58.37*	
		For Elevated Installation >35' To 40', Add	*72.96*	
		For Elevated Installation >40', Add	*80.26*	
		For Work In Restricted Working Space, Add	*43.78*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0932	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	880.62	94.98
		For Elevated Installation >10' To 15', Add	*19.00*	
		For Elevated Installation >15' To 20', Add	*37.99*	
		For Elevated Installation >20' To 25', Add	*47.49*	
		For Elevated Installation >25' To 30', Add	*66.49*	
		For Elevated Installation >30' To 35', Add	*75.98*	
		For Elevated Installation >35' To 40', Add	*94.98*	
		For Elevated Installation >40', Add	*104.48*	
		For Work In Restricted Working Space, Add	*56.99*	
26 05 33 13-0933	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	1,369.19	154.86
		For Elevated Installation >10' To 15', Add	*30.97*	
		For Elevated Installation >15' To 20', Add	*61.94*	
		For Elevated Installation >20' To 25', Add	*77.43*	
		For Elevated Installation >25' To 30', Add	*108.40*	
		For Elevated Installation >30' To 35', Add	*123.89*	
		For Elevated Installation >35' To 40', Add	*154.86*	
		For Elevated Installation >40', Add	*170.35*	
		For Work In Restricted Working Space, Add	*92.92*	
26 05 33 13-0934	EA	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow	1,878.84	232.64
		For Elevated Installation >10' To 15', Add	*46.53*	
		For Elevated Installation >15' To 20', Add	*93.06*	
		For Elevated Installation >20' To 25', Add	*116.32*	
		For Elevated Installation >25' To 30', Add	*162.85*	
		For Elevated Installation >30' To 35', Add	*186.11*	
		For Elevated Installation >35' To 40', Add	*232.64*	
		For Elevated Installation >40', Add	*255.90*	
		For Work In Restricted Working Space, Add	*139.58*	

26 05 33 13-0935 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbows *(26 05 33 13-0843)*

26 05 33 13-0936	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	272.73	26.15
		For Elevated Installation >10' To 15', Add	*5.23*	
		For Elevated Installation >15' To 20', Add	*10.46*	
		For Elevated Installation >20' To 25', Add	*13.08*	
		For Elevated Installation >25' To 30', Add	*18.31*	
		For Elevated Installation >30' To 35', Add	*20.92*	
		For Elevated Installation >35' To 40', Add	*26.16*	
		For Elevated Installation >40', Add	*28.77*	
		For Work In Restricted Working Space, Add	*15.69*	
26 05 33 13-0937	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	286.42	30.28
		For Elevated Installation >10' To 15', Add	*6.06*	
		For Elevated Installation >15' To 20', Add	*12.11*	
		For Elevated Installation >20' To 25', Add	*15.14*	
		For Elevated Installation >25' To 30', Add	*21.20*	
		For Elevated Installation >30' To 35', Add	*24.23*	
		For Elevated Installation >35' To 40', Add	*30.29*	
		For Elevated Installation >40', Add	*33.31*	
		For Work In Restricted Working Space, Add	*18.17*	
26 05 33 13-0938	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	337.84	34.41
		For Elevated Installation >10' To 15', Add	*6.88*	
		For Elevated Installation >15' To 20', Add	*13.77*	
		For Elevated Installation >20' To 25', Add	*17.21*	
		For Elevated Installation >25' To 30', Add	*24.09*	
		For Elevated Installation >30' To 35', Add	*27.53*	
		For Elevated Installation >35' To 40', Add	*34.42*	
		For Elevated Installation >40', Add	*37.86*	
		For Work In Restricted Working Space, Add	*20.65*	
26 05 33 13-0939	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	424.65	37.85
		For Elevated Installation >10' To 15', Add	*7.57*	
		For Elevated Installation >15' To 20', Add	*15.14*	
		For Elevated Installation >20' To 25', Add	*18.93*	
		For Elevated Installation >25' To 30', Add	*26.50*	
		For Elevated Installation >30' To 35', Add	*30.28*	
		For Elevated Installation >35' To 40', Add	*37.86*	
		For Elevated Installation >40', Add	*41.64*	
		For Work In Restricted Working Space, Add	*22.71*	
26 05 33 13-0940	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	592.41	47.49
		For Elevated Installation >10' To 15', Add	*9.50*	
		For Elevated Installation >15' To 20', Add	*19.00*	
		For Elevated Installation >20' To 25', Add	*23.75*	
		For Elevated Installation >25' To 30', Add	*33.24*	
		For Elevated Installation >30' To 35', Add	*37.99*	
		For Elevated Installation >35' To 40', Add	*47.49*	
		For Elevated Installation >40', Add	*52.24*	
		For Work In Restricted Working Space, Add	*28.49*	
26 05 33 13-0941	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	751.71	64.70
		For Elevated Installation >10' To 15', Add	*12.94*	
		For Elevated Installation >15' To 20', Add	*25.88*	
		For Elevated Installation >20' To 25', Add	*32.35*	
		For Elevated Installation >25' To 30', Add	*45.29*	
		For Elevated Installation >30' To 35', Add	*51.76*	
		For Elevated Installation >35' To 40', Add	*64.70*	
		For Elevated Installation >40', Add	*71.16*	
		For Work In Restricted Working Space, Add	*38.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0942	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	916.78	72.95
		For Elevated Installation >10' To 15', Add	*14.59*	
		For Elevated Installation >15' To 20', Add	*29.18*	
		For Elevated Installation >20' To 25', Add	*36.48*	
		For Elevated Installation >25' To 30', Add	*51.07*	
		For Elevated Installation >30' To 35', Add	*58.37*	
		For Elevated Installation >35' To 40', Add	*72.96*	
		For Elevated Installation >40', Add	*80.26*	
		For Work In Restricted Working Space, Add	*43.78*	
26 05 33 13-0943	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	1,077.65	94.98
		For Elevated Installation >10' To 15', Add	*19.00*	
		For Elevated Installation >15' To 20', Add	*37.99*	
		For Elevated Installation >20' To 25', Add	*47.49*	
		For Elevated Installation >25' To 30', Add	*66.49*	
		For Elevated Installation >30' To 35', Add	*75.98*	
		For Elevated Installation >35' To 40', Add	*94.98*	
		For Elevated Installation >40', Add	*104.48*	
		For Work In Restricted Working Space, Add	*56.99*	
26 05 33 13-0944	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	1,600.72	154.86
		For Elevated Installation >10' To 15', Add	*30.97*	
		For Elevated Installation >15' To 20', Add	*61.94*	
		For Elevated Installation >20' To 25', Add	*77.43*	
		For Elevated Installation >25' To 30', Add	*108.40*	
		For Elevated Installation >30' To 35', Add	*123.89*	
		For Elevated Installation >35' To 40', Add	*154.86*	
		For Elevated Installation >40', Add	*170.35*	
		For Work In Restricted Working Space, Add	*92.92*	
26 05 33 13-0945	EA	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow	1,985.12	232.64
		For Elevated Installation >10' To 15', Add	*46.53*	
		For Elevated Installation >15' To 20', Add	*93.06*	
		For Elevated Installation >20' To 25', Add	*116.32*	
		For Elevated Installation >25' To 30', Add	*162.85*	
		For Elevated Installation >30' To 35', Add	*186.11*	
		For Elevated Installation >35' To 40', Add	*232.64*	
		For Elevated Installation >40', Add	*255.90*	
		For Work In Restricted Working Space, Add	*139.58*	

26 05 33 13-0946 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbows *(26 05 33 13-0843)*

26 05 33 13-0947	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	282.17	26.15
		For Elevated Installation >10' To 15', Add	*5.23*	
		For Elevated Installation >15' To 20', Add	*10.46*	
		For Elevated Installation >20' To 25', Add	*13.08*	
		For Elevated Installation >25' To 30', Add	*18.31*	
		For Elevated Installation >30' To 35', Add	*20.92*	
		For Elevated Installation >35' To 40', Add	*26.16*	
		For Elevated Installation >40', Add	*28.77*	
		For Work In Restricted Working Space, Add	*15.69*	
26 05 33 13-0948	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	332.30	30.28
		For Elevated Installation >10' To 15', Add	*6.06*	
		For Elevated Installation >15' To 20', Add	*12.11*	
		For Elevated Installation >20' To 25', Add	*15.14*	
		For Elevated Installation >25' To 30', Add	*21.20*	
		For Elevated Installation >30' To 35', Add	*24.23*	
		For Elevated Installation >35' To 40', Add	*30.29*	
		For Elevated Installation >40', Add	*33.31*	
		For Work In Restricted Working Space, Add	*18.17*	
26 05 33 13-0949	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	376.19	34.41
		For Elevated Installation >10' To 15', Add	*6.88*	
		For Elevated Installation >15' To 20', Add	*13.77*	
		For Elevated Installation >20' To 25', Add	*17.21*	
		For Elevated Installation >25' To 30', Add	*24.09*	
		For Elevated Installation >30' To 35', Add	*27.53*	
		For Elevated Installation >35' To 40', Add	*34.42*	
		For Elevated Installation >40', Add	*37.86*	
		For Work In Restricted Working Space, Add	*20.65*	
26 05 33 13-0950	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	442.53	37.85
		For Elevated Installation >10' To 15', Add	*7.57*	
		For Elevated Installation >15' To 20', Add	*15.14*	
		For Elevated Installation >20' To 25', Add	*18.93*	
		For Elevated Installation >25' To 30', Add	*26.50*	
		For Elevated Installation >30' To 35', Add	*30.28*	
		For Elevated Installation >35' To 40', Add	*37.86*	
		For Elevated Installation >40', Add	*41.64*	
		For Work In Restricted Working Space, Add	*22.71*	
26 05 33 13-0951	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	613.42	47.49
		For Elevated Installation >10' To 15', Add	*9.50*	
		For Elevated Installation >15' To 20', Add	*19.00*	
		For Elevated Installation >20' To 25', Add	*23.75*	
		For Elevated Installation >25' To 30', Add	*33.24*	
		For Elevated Installation >30' To 35', Add	*37.99*	
		For Elevated Installation >35' To 40', Add	*47.49*	
		For Elevated Installation >40', Add	*52.24*	
		For Work In Restricted Working Space, Add	*28.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0952	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	783.93	64.70
		For Elevated Installation >10' To 15', Add	*12.94*	
		For Elevated Installation >15' To 20', Add	*25.88*	
		For Elevated Installation >20' To 25', Add	*32.35*	
		For Elevated Installation >25' To 30', Add	*45.29*	
		For Elevated Installation >30' To 35', Add	*51.76*	
		For Elevated Installation >35' To 40', Add	*64.70*	
		For Elevated Installation >40', Add	*71.16*	
		For Work In Restricted Working Space, Add	*38.82*	
26 05 33 13-0953	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	1,002.66	72.95
		For Elevated Installation >10' To 15', Add	*14.59*	
		For Elevated Installation >15' To 20', Add	*29.18*	
		For Elevated Installation >20' To 25', Add	*36.48*	
		For Elevated Installation >25' To 30', Add	*51.07*	
		For Elevated Installation >30' To 35', Add	*58.37*	
		For Elevated Installation >35' To 40', Add	*72.96*	
		For Elevated Installation >40', Add	*80.26*	
		For Work In Restricted Working Space, Add	*43.78*	
26 05 33 13-0954	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	1,122.34	94.98
		For Elevated Installation >10' To 15', Add	*19.00*	
		For Elevated Installation >15' To 20', Add	*37.99*	
		For Elevated Installation >20' To 25', Add	*47.49*	
		For Elevated Installation >25' To 30', Add	*66.49*	
		For Elevated Installation >30' To 35', Add	*75.98*	
		For Elevated Installation >35' To 40', Add	*94.98*	
		For Elevated Installation >40', Add	*104.48*	
		For Work In Restricted Working Space, Add	*56.99*	
26 05 33 13-0955	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	1,662.92	154.86
		For Elevated Installation >10' To 15', Add	*30.97*	
		For Elevated Installation >15' To 20', Add	*61.94*	
		For Elevated Installation >20' To 25', Add	*77.43*	
		For Elevated Installation >25' To 30', Add	*108.40*	
		For Elevated Installation >30' To 35', Add	*123.89*	
		For Elevated Installation >35' To 40', Add	*154.86*	
		For Elevated Installation >40', Add	*170.35*	
		For Work In Restricted Working Space, Add	*92.92*	
26 05 33 13-0956	EA	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	2,039.12	232.64
		For Elevated Installation >10' To 15', Add	*46.53*	
		For Elevated Installation >15' To 20', Add	*93.06*	
		For Elevated Installation >20' To 25', Add	*116.32*	
		For Elevated Installation >25' To 30', Add	*162.85*	
		For Elevated Installation >30' To 35', Add	*186.11*	
		For Elevated Installation >35' To 40', Add	*232.64*	
		For Elevated Installation >40', Add	*255.90*	
		For Work In Restricted Working Space, Add	*139.58*	

26 05 33 13-0957 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Sealtight Fittings *(26 05 33 13-0843)*

26 05 33 13-0958	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Sealtight Fitting	105.05	17.21
		For Elevated Installation >10' To 15', Add	*3.44*	
		For Elevated Installation >15' To 20', Add	*6.88*	
		For Elevated Installation >20' To 25', Add	*8.60*	
		For Elevated Installation >25' To 30', Add	*12.04*	
		For Elevated Installation >30' To 35', Add	*13.76*	
		For Elevated Installation >35' To 40', Add	*17.21*	
		For Elevated Installation >40', Add	*18.93*	
		For Work In Restricted Working Space, Add	*10.32*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.32*	
26 05 33 13-0959	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Sealtight Fitting	128.74	22.71
		For Elevated Installation >10' To 15', Add	*4.54*	
		For Elevated Installation >15' To 20', Add	*9.09*	
		For Elevated Installation >20' To 25', Add	*11.36*	
		For Elevated Installation >25' To 30', Add	*15.90*	
		For Elevated Installation >30' To 35', Add	*18.17*	
		For Elevated Installation >35' To 40', Add	*22.72*	
		For Elevated Installation >40', Add	*24.99*	
		For Work In Restricted Working Space, Add	*13.63*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.63*	
26 05 33 13-0960	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Sealtight Fitting	171.28	26.15
		For Elevated Installation >10' To 15', Add	*5.23*	
		For Elevated Installation >15' To 20', Add	*10.46*	
		For Elevated Installation >20' To 25', Add	*13.08*	
		For Elevated Installation >25' To 30', Add	*18.31*	
		For Elevated Installation >30' To 35', Add	*20.92*	
		For Elevated Installation >35' To 40', Add	*26.16*	
		For Elevated Installation >40', Add	*28.77*	
		For Work In Restricted Working Space, Add	*15.69*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.69*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0961	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Sealtight Fitting	280.24	30.28
		For Elevated Installation >10' To 15', Add	*6.06*	
		For Elevated Installation >15' To 20', Add	*12.11*	
		For Elevated Installation >20' To 25', Add	*15.14*	
		For Elevated Installation >25' To 30', Add	*21.20*	
		For Elevated Installation >30' To 35', Add	*24.23*	
		For Elevated Installation >35' To 40', Add	*30.29*	
		For Elevated Installation >40', Add	*33.31*	
		For Work In Restricted Working Space, Add	*18.17*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.17*	
26 05 33 13-0962	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Sealtight Fitting	309.50	34.41
		For Elevated Installation >10' To 15', Add	*6.88*	
		For Elevated Installation >15' To 20', Add	*13.76*	
		For Elevated Installation >20' To 25', Add	*17.21*	
		For Elevated Installation >25' To 30', Add	*24.09*	
		For Elevated Installation >30' To 35', Add	*27.53*	
		For Elevated Installation >35' To 40', Add	*34.41*	
		For Elevated Installation >40', Add	*37.85*	
		For Work In Restricted Working Space, Add	*20.65*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.65*	
26 05 33 13-0963	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Sealtight Fitting	390.59	37.85
		For Elevated Installation >10' To 15', Add	*7.57*	
		For Elevated Installation >15' To 20', Add	*15.14*	
		For Elevated Installation >20' To 25', Add	*18.93*	
		For Elevated Installation >25' To 30', Add	*26.50*	
		For Elevated Installation >30' To 35', Add	*30.28*	
		For Elevated Installation >35' To 40', Add	*37.86*	
		For Elevated Installation >40', Add	*41.64*	
		For Work In Restricted Working Space, Add	*22.71*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.71*	
26 05 33 13-0964	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Sealtight Fitting	1,059.54	47.49
		For Elevated Installation >10' To 15', Add	*9.50*	
		For Elevated Installation >15' To 20', Add	*18.99*	
		For Elevated Installation >20' To 25', Add	*23.74*	
		For Elevated Installation >25' To 30', Add	*33.24*	
		For Elevated Installation >30' To 35', Add	*37.99*	
		For Elevated Installation >35' To 40', Add	*47.49*	
		For Elevated Installation >40', Add	*52.23*	
		For Work In Restricted Working Space, Add	*28.49*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*28.49*	
26 05 33 13-0965	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Sealtight Fitting	1,265.29	64.70
		For Elevated Installation >10' To 15', Add	*12.94*	
		For Elevated Installation >15' To 20', Add	*25.88*	
		For Elevated Installation >20' To 25', Add	*32.35*	
		For Elevated Installation >25' To 30', Add	*45.29*	
		For Elevated Installation >30' To 35', Add	*51.76*	
		For Elevated Installation >35' To 40', Add	*64.70*	
		For Elevated Installation >40', Add	*71.17*	
		For Work In Restricted Working Space, Add	*38.82*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*38.82*	
26 05 33 13-0966	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Sealtight Fitting	1,681.94	94.98
		For Elevated Installation >10' To 15', Add	*19.00*	
		For Elevated Installation >15' To 20', Add	*37.99*	
		For Elevated Installation >20' To 25', Add	*47.49*	
		For Elevated Installation >25' To 30', Add	*66.48*	
		For Elevated Installation >30' To 35', Add	*75.98*	
		For Elevated Installation >35' To 40', Add	*94.98*	
		For Elevated Installation >40', Add	*104.47*	
		For Work In Restricted Working Space, Add	*56.99*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*56.99*	

26 05 33 13-0967 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Sealtight Fittings *(26 05 33 13-0843)*

26 05 33 13-0968	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Sealtight Fitting	100.76	17.21
		For Elevated Installation >10' To 15', Add	*3.44*	
		For Elevated Installation >15' To 20', Add	*6.88*	
		For Elevated Installation >20' To 25', Add	*8.60*	
		For Elevated Installation >25' To 30', Add	*12.04*	
		For Elevated Installation >30' To 35', Add	*13.76*	
		For Elevated Installation >35' To 40', Add	*17.21*	
		For Elevated Installation >40', Add	*18.93*	
		For Work In Restricted Working Space, Add	*10.32*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.32*	
26 05 33 13-0969	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Sealtight Fitting	123.88	22.71
		For Elevated Installation >10' To 15', Add	*4.54*	
		For Elevated Installation >15' To 20', Add	*9.09*	
		For Elevated Installation >20' To 25', Add	*11.36*	
		For Elevated Installation >25' To 30', Add	*15.90*	
		For Elevated Installation >30' To 35', Add	*18.17*	
		For Elevated Installation >35' To 40', Add	*22.72*	
		For Elevated Installation >40', Add	*24.99*	
		For Work In Restricted Working Space, Add	*13.63*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.63*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0970	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Sealtight Fitting	171.28	26.15
		For Elevated Installation >10' To 15', Add	*5.23*	
		For Elevated Installation >15' To 20', Add	*10.46*	
		For Elevated Installation >20' To 25', Add	*13.08*	
		For Elevated Installation >25' To 30', Add	*18.31*	
		For Elevated Installation >30' To 35', Add	*20.92*	
		For Elevated Installation >35' To 40', Add	*26.16*	
		For Elevated Installation >40', Add	*28.77*	
		For Work In Restricted Working Space, Add	*15.69*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.69*	
26 05 33 13-0971	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Sealtight Fitting	277.74	30.28
		For Elevated Installation >10' To 15', Add	*6.06*	
		For Elevated Installation >15' To 20', Add	*12.11*	
		For Elevated Installation >20' To 25', Add	*15.14*	
		For Elevated Installation >25' To 30', Add	*21.20*	
		For Elevated Installation >30' To 35', Add	*24.23*	
		For Elevated Installation >35' To 40', Add	*30.29*	
		For Elevated Installation >40', Add	*33.31*	
		For Work In Restricted Working Space, Add	*18.17*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.17*	
26 05 33 13-0972	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Sealtight Fitting	299.43	34.41
		For Elevated Installation >10' To 15', Add	*6.88*	
		For Elevated Installation >15' To 20', Add	*13.76*	
		For Elevated Installation >20' To 25', Add	*17.21*	
		For Elevated Installation >25' To 30', Add	*24.09*	
		For Elevated Installation >30' To 35', Add	*27.53*	
		For Elevated Installation >35' To 40', Add	*34.41*	
		For Elevated Installation >40', Add	*37.85*	
		For Work In Restricted Working Space, Add	*20.65*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.65*	
26 05 33 13-0973	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Sealtight Fitting	390.72	37.85
		For Elevated Installation >10' To 15', Add	*7.57*	
		For Elevated Installation >15' To 20', Add	*15.14*	
		For Elevated Installation >20' To 25', Add	*18.93*	
		For Elevated Installation >25' To 30', Add	*26.50*	
		For Elevated Installation >30' To 35', Add	*30.28*	
		For Elevated Installation >35' To 40', Add	*37.86*	
		For Elevated Installation >40', Add	*41.64*	
		For Work In Restricted Working Space, Add	*22.71*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.71*	
26 05 33 13-0974	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Sealtight Fitting	1,016.58	47.49
		For Elevated Installation >10' To 15', Add	*9.50*	
		For Elevated Installation >15' To 20', Add	*18.99*	
		For Elevated Installation >20' To 25', Add	*23.74*	
		For Elevated Installation >25' To 30', Add	*33.24*	
		For Elevated Installation >30' To 35', Add	*37.99*	
		For Elevated Installation >35' To 40', Add	*47.49*	
		For Elevated Installation >40', Add	*52.23*	
		For Work In Restricted Working Space, Add	*28.49*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*28.49*	
26 05 33 13-0975	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Sealtight Fitting	1,233.94	64.70
		For Elevated Installation >10' To 15', Add	*12.94*	
		For Elevated Installation >15' To 20', Add	*25.88*	
		For Elevated Installation >20' To 25', Add	*32.35*	
		For Elevated Installation >25' To 30', Add	*45.29*	
		For Elevated Installation >30' To 35', Add	*51.76*	
		For Elevated Installation >35' To 40', Add	*64.70*	
		For Elevated Installation >40', Add	*71.17*	
		For Work In Restricted Working Space, Add	*38.82*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*38.82*	
26 05 33 13-0976	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Sealtight Fitting	1,681.86	94.98
		For Elevated Installation >10' To 15', Add	*19.00*	
		For Elevated Installation >15' To 20', Add	*37.99*	
		For Elevated Installation >20' To 25', Add	*47.49*	
		For Elevated Installation >25' To 30', Add	*66.48*	
		For Elevated Installation >30' To 35', Add	*75.98*	
		For Elevated Installation >35' To 40', Add	*94.98*	
		For Elevated Installation >40', Add	*104.47*	
		For Work In Restricted Working Space, Add	*56.99*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*56.99*	

26 05 33 13-0977 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Sealtight Fittings *(26 05 33 13-0843)*

26 05 33 13-0978	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Sealtight Fitting	91.25	17.21
		For Elevated Installation >10' To 15', Add	*3.44*	
		For Elevated Installation >15' To 20', Add	*6.88*	
		For Elevated Installation >20' To 25', Add	*8.60*	
		For Elevated Installation >25' To 30', Add	*12.04*	
		For Elevated Installation >30' To 35', Add	*13.76*	
		For Elevated Installation >35' To 40', Add	*17.21*	
		For Elevated Installation >40', Add	*18.93*	
		For Work In Restricted Working Space, Add	*10.32*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.32*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0979	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Sealtight Fitting	109.45	22.71
		For Elevated Installation >10' To 15', Add	*4.54*	
		For Elevated Installation >15' To 20', Add	*9.09*	
		For Elevated Installation >20' To 25', Add	*11.36*	
		For Elevated Installation >25' To 30', Add	*15.90*	
		For Elevated Installation >30' To 35', Add	*18.17*	
		For Elevated Installation >35' To 40', Add	*22.72*	
		For Elevated Installation >40', Add	*24.99*	
		For Work In Restricted Working Space, Add	*13.63*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.63*	
26 05 33 13-0980	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Sealtight Fitting	129.09	26.15
		For Elevated Installation >10' To 15', Add	*5.23*	
		For Elevated Installation >15' To 20', Add	*10.46*	
		For Elevated Installation >20' To 25', Add	*13.08*	
		For Elevated Installation >25' To 30', Add	*18.31*	
		For Elevated Installation >30' To 35', Add	*20.92*	
		For Elevated Installation >35' To 40', Add	*26.16*	
		For Elevated Installation >40', Add	*28.77*	
		For Work In Restricted Working Space, Add	*15.69*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.69*	
26 05 33 13-0981	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Sealtight Fitting	182.81	30.28
		For Elevated Installation >10' To 15', Add	*6.06*	
		For Elevated Installation >15' To 20', Add	*12.11*	
		For Elevated Installation >20' To 25', Add	*15.14*	
		For Elevated Installation >25' To 30', Add	*21.20*	
		For Elevated Installation >30' To 35', Add	*24.23*	
		For Elevated Installation >35' To 40', Add	*30.29*	
		For Elevated Installation >40', Add	*33.31*	
		For Work In Restricted Working Space, Add	*18.17*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.17*	
26 05 33 13-0982	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Sealtight Fitting	213.45	34.41
		For Elevated Installation >10' To 15', Add	*6.88*	
		For Elevated Installation >15' To 20', Add	*13.76*	
		For Elevated Installation >20' To 25', Add	*17.21*	
		For Elevated Installation >25' To 30', Add	*24.09*	
		For Elevated Installation >30' To 35', Add	*27.53*	
		For Elevated Installation >35' To 40', Add	*34.41*	
		For Elevated Installation >40', Add	*37.85*	
		For Work In Restricted Working Space, Add	*20.65*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.65*	
26 05 33 13-0983	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Sealtight Fitting	328.59	37.85
		For Elevated Installation >10' To 15', Add	*7.57*	
		For Elevated Installation >15' To 20', Add	*15.14*	
		For Elevated Installation >20' To 25', Add	*18.93*	
		For Elevated Installation >25' To 30', Add	*26.50*	
		For Elevated Installation >30' To 35', Add	*30.28*	
		For Elevated Installation >35' To 40', Add	*37.86*	
		For Elevated Installation >40', Add	*41.64*	
		For Work In Restricted Working Space, Add	*22.71*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.71*	
26 05 33 13-0984	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Sealtight Fitting	896.93	47.49
		For Elevated Installation >10' To 15', Add	*9.50*	
		For Elevated Installation >15' To 20', Add	*18.99*	
		For Elevated Installation >20' To 25', Add	*23.74*	
		For Elevated Installation >25' To 30', Add	*33.24*	
		For Elevated Installation >30' To 35', Add	*37.99*	
		For Elevated Installation >35' To 40', Add	*47.49*	
		For Elevated Installation >40', Add	*52.23*	
		For Work In Restricted Working Space, Add	*28.49*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*28.49*	
26 05 33 13-0985	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Sealtight Fitting	1,010.47	64.70
		For Elevated Installation >10' To 15', Add	*12.94*	
		For Elevated Installation >15' To 20', Add	*25.88*	
		For Elevated Installation >20' To 25', Add	*32.35*	
		For Elevated Installation >25' To 30', Add	*45.29*	
		For Elevated Installation >30' To 35', Add	*51.76*	
		For Elevated Installation >35' To 40', Add	*64.70*	
		For Elevated Installation >40', Add	*71.17*	
		For Work In Restricted Working Space, Add	*38.82*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*38.82*	
26 05 33 13-0986	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Sealtight Fitting	1,291.39	94.98
		For Elevated Installation >10' To 15', Add	*19.00*	
		For Elevated Installation >15' To 20', Add	*37.99*	
		For Elevated Installation >20' To 25', Add	*47.49*	
		For Elevated Installation >25' To 30', Add	*66.48*	
		For Elevated Installation >30' To 35', Add	*75.98*	
		For Elevated Installation >35' To 40', Add	*94.98*	
		For Elevated Installation >40', Add	*104.47*	
		For Work In Restricted Working Space, Add	*56.99*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*56.99*	

26 05 33 13-0987 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Grounded Sealtight Fittings *(26 05 33 13-0843)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0988	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Grounded Sealtight Fitting	154.86	17.21
		For Elevated Installation >10' To 15', Add	*3.44*	
		For Elevated Installation >15' To 20', Add	*6.88*	
		For Elevated Installation >20' To 25', Add	*8.60*	
		For Elevated Installation >25' To 30', Add	*12.04*	
		For Elevated Installation >30' To 35', Add	*13.76*	
		For Elevated Installation >35' To 40', Add	*17.21*	
		For Elevated Installation >40', Add	*18.93*	
		For Work In Restricted Working Space, Add	*10.32*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.32*	
26 05 33 13-0989	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Grounded Sealtight Fitting	233.15	22.71
		For Elevated Installation >10' To 15', Add	*4.54*	
		For Elevated Installation >15' To 20', Add	*9.09*	
		For Elevated Installation >20' To 25', Add	*11.36*	
		For Elevated Installation >25' To 30', Add	*15.90*	
		For Elevated Installation >30' To 35', Add	*18.17*	
		For Elevated Installation >35' To 40', Add	*22.72*	
		For Elevated Installation >40', Add	*24.99*	
		For Work In Restricted Working Space, Add	*13.63*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.63*	
26 05 33 13-0990	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Grounded Sealtight Fitting	292.91	26.15
		For Elevated Installation >10' To 15', Add	*5.23*	
		For Elevated Installation >15' To 20', Add	*10.46*	
		For Elevated Installation >20' To 25', Add	*13.08*	
		For Elevated Installation >25' To 30', Add	*18.31*	
		For Elevated Installation >30' To 35', Add	*20.92*	
		For Elevated Installation >35' To 40', Add	*26.16*	
		For Elevated Installation >40', Add	*28.77*	
		For Work In Restricted Working Space, Add	*15.69*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.69*	
26 05 33 13-0991	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Grounded Sealtight Fitting	338.12	30.28
		For Elevated Installation >10' To 15', Add	*6.06*	
		For Elevated Installation >15' To 20', Add	*12.11*	
		For Elevated Installation >20' To 25', Add	*15.14*	
		For Elevated Installation >25' To 30', Add	*21.20*	
		For Elevated Installation >30' To 35', Add	*24.23*	
		For Elevated Installation >35' To 40', Add	*30.29*	
		For Elevated Installation >40', Add	*33.31*	
		For Work In Restricted Working Space, Add	*18.17*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.17*	
26 05 33 13-0992	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Grounded Sealtight Fitting	383.99	34.41
		For Elevated Installation >10' To 15', Add	*6.88*	
		For Elevated Installation >15' To 20', Add	*13.76*	
		For Elevated Installation >20' To 25', Add	*17.21*	
		For Elevated Installation >25' To 30', Add	*24.09*	
		For Elevated Installation >30' To 35', Add	*27.53*	
		For Elevated Installation >35' To 40', Add	*34.41*	
		For Elevated Installation >40', Add	*37.85*	
		For Work In Restricted Working Space, Add	*20.65*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.65*	
26 05 33 13-0993	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Grounded Sealtight Fitting	504.76	37.85
		For Elevated Installation >10' To 15', Add	*7.57*	
		For Elevated Installation >15' To 20', Add	*15.14*	
		For Elevated Installation >20' To 25', Add	*18.93*	
		For Elevated Installation >25' To 30', Add	*26.50*	
		For Elevated Installation >30' To 35', Add	*30.28*	
		For Elevated Installation >35' To 40', Add	*37.86*	
		For Elevated Installation >40', Add	*41.64*	
		For Work In Restricted Working Space, Add	*22.71*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.71*	
26 05 33 13-0994	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Grounded Sealtight Fitting	1,582.52	47.49
		For Elevated Installation >10' To 15', Add	*9.50*	
		For Elevated Installation >15' To 20', Add	*18.99*	
		For Elevated Installation >20' To 25', Add	*23.74*	
		For Elevated Installation >25' To 30', Add	*33.24*	
		For Elevated Installation >30' To 35', Add	*37.99*	
		For Elevated Installation >35' To 40', Add	*47.49*	
		For Elevated Installation >40', Add	*52.23*	
		For Work In Restricted Working Space, Add	*28.49*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*28.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0995	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Grounded Sealtight Fitting	1,848.55	64.70
		For Elevated Installation >10' To 15', Add	*12.94*	
		For Elevated Installation >15' To 20', Add	*25.88*	
		For Elevated Installation >20' To 25', Add	*32.35*	
		For Elevated Installation >25' To 30', Add	*45.29*	
		For Elevated Installation >30' To 35', Add	*51.76*	
		For Elevated Installation >35' To 40', Add	*64.70*	
		For Elevated Installation >40', Add	*71.17*	
		For Work In Restricted Working Space, Add	*38.82*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*38.82*	
26 05 33 13-0996	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Grounded Sealtight Fitting	2,274.08	94.98
		For Elevated Installation >10' To 15', Add	*19.00*	
		For Elevated Installation >15' To 20', Add	*37.99*	
		For Elevated Installation >20' To 25', Add	*47.49*	
		For Elevated Installation >25' To 30', Add	*66.48*	
		For Elevated Installation >30' To 35', Add	*75.98*	
		For Elevated Installation >35' To 40', Add	*94.98*	
		For Elevated Installation >40', Add	*104.47*	
		For Work In Restricted Working Space, Add	*56.99*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*56.99*	

26 05 33 13-0997 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Grounded Sealtight Fittings *(26 05 33 13-0843)*

26 05 33 13-0998	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Grounded Sealtight Fitting	171.74	17.21
		For Elevated Installation >10' To 15', Add	*3.44*	
		For Elevated Installation >15' To 20', Add	*6.88*	
		For Elevated Installation >20' To 25', Add	*8.60*	
		For Elevated Installation >25' To 30', Add	*12.04*	
		For Elevated Installation >30' To 35', Add	*13.76*	
		For Elevated Installation >35' To 40', Add	*17.21*	
		For Elevated Installation >40', Add	*18.93*	
		For Work In Restricted Working Space, Add	*10.32*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.32*	
26 05 33 13-0999	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Grounded Sealtight Fitting	249.09	22.71
		For Elevated Installation >10' To 15', Add	*4.54*	
		For Elevated Installation >15' To 20', Add	*9.09*	
		For Elevated Installation >20' To 25', Add	*11.36*	
		For Elevated Installation >25' To 30', Add	*15.90*	
		For Elevated Installation >30' To 35', Add	*18.17*	
		For Elevated Installation >35' To 40', Add	*22.72*	
		For Elevated Installation >40', Add	*24.99*	
		For Work In Restricted Working Space, Add	*13.63*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.63*	
26 05 33 13-1000	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Grounded Sealtight Fitting	295.94	26.15
		For Elevated Installation >10' To 15', Add	*5.23*	
		For Elevated Installation >15' To 20', Add	*10.46*	
		For Elevated Installation >20' To 25', Add	*13.08*	
		For Elevated Installation >25' To 30', Add	*18.31*	
		For Elevated Installation >30' To 35', Add	*20.92*	
		For Elevated Installation >35' To 40', Add	*26.16*	
		For Elevated Installation >40', Add	*28.77*	
		For Work In Restricted Working Space, Add	*15.69*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.69*	
26 05 33 13-1001	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Grounded Sealtight Fitting	343.12	30.28
		For Elevated Installation >10' To 15', Add	*6.06*	
		For Elevated Installation >15' To 20', Add	*12.11*	
		For Elevated Installation >20' To 25', Add	*15.14*	
		For Elevated Installation >25' To 30', Add	*21.20*	
		For Elevated Installation >30' To 35', Add	*24.23*	
		For Elevated Installation >35' To 40', Add	*30.29*	
		For Elevated Installation >40', Add	*33.31*	
		For Work In Restricted Working Space, Add	*18.17*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.17*	
26 05 33 13-1002	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Grounded Sealtight Fitting	397.70	34.41
		For Elevated Installation >10' To 15', Add	*6.88*	
		For Elevated Installation >15' To 20', Add	*13.76*	
		For Elevated Installation >20' To 25', Add	*17.21*	
		For Elevated Installation >25' To 30', Add	*24.09*	
		For Elevated Installation >30' To 35', Add	*27.53*	
		For Elevated Installation >35' To 40', Add	*34.41*	
		For Elevated Installation >40', Add	*37.85*	
		For Work In Restricted Working Space, Add	*20.65*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.65*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1003	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Grounded Sealtight Fitting	625.23	37.85
		For Elevated Installation >10' To 15', Add	*7.57*	
		For Elevated Installation >15' To 20', Add	*15.14*	
		For Elevated Installation >20' To 25', Add	*18.93*	
		For Elevated Installation >25' To 30', Add	*26.50*	
		For Elevated Installation >30' To 35', Add	*30.28*	
		For Elevated Installation >35' To 40', Add	*37.86*	
		For Elevated Installation >40', Add	*41.64*	
		For Work In Restricted Working Space, Add	*22.71*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.71*	
26 05 33 13-1004	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Grounded Sealtight Fitting	1,764.29	47.49
		For Elevated Installation >10' To 15', Add	*9.50*	
		For Elevated Installation >15' To 20', Add	*18.99*	
		For Elevated Installation >20' To 25', Add	*23.74*	
		For Elevated Installation >25' To 30', Add	*33.24*	
		For Elevated Installation >30' To 35', Add	*37.99*	
		For Elevated Installation >35' To 40', Add	*47.49*	
		For Elevated Installation >40', Add	*52.23*	
		For Work In Restricted Working Space, Add	*28.49*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*28.49*	
26 05 33 13-1005	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Grounded Sealtight Fitting	2,483.17	64.70
		For Elevated Installation >10' To 15', Add	*12.94*	
		For Elevated Installation >15' To 20', Add	*25.88*	
		For Elevated Installation >20' To 25', Add	*32.35*	
		For Elevated Installation >25' To 30', Add	*45.29*	
		For Elevated Installation >30' To 35', Add	*51.76*	
		For Elevated Installation >35' To 40', Add	*64.70*	
		For Elevated Installation >40', Add	*71.17*	
		For Work In Restricted Working Space, Add	*38.82*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*38.82*	
26 05 33 13-1006	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Grounded Sealtight Fitting	2,595.34	94.98
		For Elevated Installation >10' To 15', Add	*19.00*	
		For Elevated Installation >15' To 20', Add	*37.99*	
		For Elevated Installation >20' To 25', Add	*47.49*	
		For Elevated Installation >25' To 30', Add	*66.48*	
		For Elevated Installation >30' To 35', Add	*75.98*	
		For Elevated Installation >35' To 40', Add	*94.98*	
		For Elevated Installation >40', Add	*104.47*	
		For Work In Restricted Working Space, Add	*56.99*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*56.99*	

26 05 33 13-1007 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Grounded Sealtight Fittings *(26 05 33 13-0843)*

26 05 33 13-1008	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Grounded Sealtight Fitting	136.25	17.21
		For Elevated Installation >10' To 15', Add	*3.44*	
		For Elevated Installation >15' To 20', Add	*6.88*	
		For Elevated Installation >20' To 25', Add	*8.60*	
		For Elevated Installation >25' To 30', Add	*12.04*	
		For Elevated Installation >30' To 35', Add	*13.76*	
		For Elevated Installation >35' To 40', Add	*17.21*	
		For Elevated Installation >40', Add	*18.93*	
		For Work In Restricted Working Space, Add	*10.32*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.32*	
26 05 33 13-1009	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Grounded Sealtight Fitting	172.01	22.71
		For Elevated Installation >10' To 15', Add	*4.54*	
		For Elevated Installation >15' To 20', Add	*9.09*	
		For Elevated Installation >20' To 25', Add	*11.36*	
		For Elevated Installation >25' To 30', Add	*15.90*	
		For Elevated Installation >30' To 35', Add	*18.17*	
		For Elevated Installation >35' To 40', Add	*22.72*	
		For Elevated Installation >40', Add	*24.99*	
		For Work In Restricted Working Space, Add	*13.63*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.63*	
26 05 33 13-1010	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Grounded Sealtight Fitting	205.99	26.15
		For Elevated Installation >10' To 15', Add	*5.23*	
		For Elevated Installation >15' To 20', Add	*10.46*	
		For Elevated Installation >20' To 25', Add	*13.08*	
		For Elevated Installation >25' To 30', Add	*18.31*	
		For Elevated Installation >30' To 35', Add	*20.92*	
		For Elevated Installation >35' To 40', Add	*26.16*	
		For Elevated Installation >40', Add	*28.77*	
		For Work In Restricted Working Space, Add	*15.69*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.69*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1011	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Grounded Sealtight Fitting	228.37	30.28
		For Elevated Installation >10' To 15', Add	*6.06*	
		For Elevated Installation >15' To 20', Add	*12.11*	
		For Elevated Installation >20' To 25', Add	*15.14*	
		For Elevated Installation >25' To 30', Add	*21.20*	
		For Elevated Installation >30' To 35', Add	*24.23*	
		For Elevated Installation >35' To 40', Add	*30.29*	
		For Elevated Installation >40', Add	*33.31*	
		For Work In Restricted Working Space, Add	*18.17*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.17*	
26 05 33 13-1012	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Grounded Sealtight Fitting	306.97	34.41
		For Elevated Installation >10' To 15', Add	*6.88*	
		For Elevated Installation >15' To 20', Add	*13.76*	
		For Elevated Installation >20' To 25', Add	*17.21*	
		For Elevated Installation >25' To 30', Add	*24.09*	
		For Elevated Installation >30' To 35', Add	*27.53*	
		For Elevated Installation >35' To 40', Add	*34.41*	
		For Elevated Installation >40', Add	*37.85*	
		For Work In Restricted Working Space, Add	*20.65*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.65*	
26 05 33 13-1013	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Grounded Sealtight Fitting	432.95	37.85
		For Elevated Installation >10' To 15', Add	*7.57*	
		For Elevated Installation >15' To 20', Add	*15.14*	
		For Elevated Installation >20' To 25', Add	*18.93*	
		For Elevated Installation >25' To 30', Add	*26.50*	
		For Elevated Installation >30' To 35', Add	*30.28*	
		For Elevated Installation >35' To 40', Add	*37.86*	
		For Elevated Installation >40', Add	*41.64*	
		For Work In Restricted Working Space, Add	*22.71*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.71*	
26 05 33 13-1014	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Grounded Sealtight Fitting	1,431.97	47.49
		For Elevated Installation >10' To 15', Add	*9.50*	
		For Elevated Installation >15' To 20', Add	*18.99*	
		For Elevated Installation >20' To 25', Add	*23.74*	
		For Elevated Installation >25' To 30', Add	*33.24*	
		For Elevated Installation >30' To 35', Add	*37.99*	
		For Elevated Installation >35' To 40', Add	*47.49*	
		For Elevated Installation >40', Add	*52.23*	
		For Work In Restricted Working Space, Add	*28.49*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*28.49*	
26 05 33 13-1015	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Grounded Sealtight Fitting	1,613.14	64.70
		For Elevated Installation >10' To 15', Add	*12.94*	
		For Elevated Installation >15' To 20', Add	*25.88*	
		For Elevated Installation >20' To 25', Add	*32.35*	
		For Elevated Installation >25' To 30', Add	*45.29*	
		For Elevated Installation >30' To 35', Add	*51.76*	
		For Elevated Installation >35' To 40', Add	*64.70*	
		For Elevated Installation >40', Add	*71.17*	
		For Work In Restricted Working Space, Add	*38.82*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*38.82*	
26 05 33 13-1016	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Grounded Sealtight Fitting	1,918.63	94.98
		For Elevated Installation >10' To 15', Add	*19.00*	
		For Elevated Installation >15' To 20', Add	*37.99*	
		For Elevated Installation >20' To 25', Add	*47.49*	
		For Elevated Installation >25' To 30', Add	*66.48*	
		For Elevated Installation >30' To 35', Add	*75.98*	
		For Elevated Installation >35' To 40', Add	*94.98*	
		For Elevated Installation >40', Add	*104.47*	
		For Work In Restricted Working Space, Add	*56.99*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*56.99*	

26 05 33 13-1017 Type C, LB, LR, LL, Two Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover *(26 05 33 13-0843)*

Note: Suitable for use in hazardous locations. Class I, Div 2.

26 05 33 13-1018	EA	1/2" Type C, LB, LR, LL, Two Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	124.91	33.04
		For Elevated Installation >10' To 15', Add	*6.61*	
		For Elevated Installation >15' To 20', Add	*13.22*	
		For Elevated Installation >20' To 25', Add	*16.52*	
		For Elevated Installation >25' To 30', Add	*23.13*	
		For Elevated Installation >30' To 35', Add	*26.43*	
		For Elevated Installation >35' To 40', Add	*33.04*	
		For Elevated Installation >40', Add	*36.34*	
		For Work In Restricted Working Space, Add	*19.82*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1019	EA	3/4" Type C, LB, LR, LL, Two Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	140.94	37.85
		For Elevated Installation >10' To 15', Add	*7.57*	
		For Elevated Installation >15' To 20', Add	*15.14*	
		For Elevated Installation >20' To 25', Add	*18.93*	
		For Elevated Installation >25' To 30', Add	*26.50*	
		For Elevated Installation >30' To 35', Add	*30.28*	
		For Elevated Installation >35' To 40', Add	*37.86*	
		For Elevated Installation >40', Add	*41.64*	
		For Work In Restricted Working Space, Add	*22.71*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.71*	
26 05 33 13-1020	EA	1" Type C, LB, LR, LL, Two Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	174.00	43.37
		For Elevated Installation >10' To 15', Add	*8.67*	
		For Elevated Installation >15' To 20', Add	*17.34*	
		For Elevated Installation >20' To 25', Add	*21.68*	
		For Elevated Installation >25' To 30', Add	*30.35*	
		For Elevated Installation >30' To 35', Add	*34.69*	
		For Elevated Installation >35' To 40', Add	*43.36*	
		For Elevated Installation >40', Add	*47.70*	
		For Work In Restricted Working Space, Add	*26.02*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*26.02*	
26 05 33 13-1021	EA	1-1/4" Type C, LB, LR, LL, Two Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	227.20	50.24
		For Elevated Installation >10' To 15', Add	*10.05*	
		For Elevated Installation >15' To 20', Add	*20.10*	
		For Elevated Installation >20' To 25', Add	*25.12*	
		For Elevated Installation >25' To 30', Add	*35.17*	
		For Elevated Installation >30' To 35', Add	*40.20*	
		For Elevated Installation >35' To 40', Add	*50.25*	
		For Elevated Installation >40', Add	*55.27*	
		For Work In Restricted Working Space, Add	*30.15*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*30.15*	
26 05 33 13-1022	EA	1-1/2" Type C, LB, LR, LL, Two Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	264.84	55.07
		For Elevated Installation >10' To 15', Add	*11.01*	
		For Elevated Installation >15' To 20', Add	*22.02*	
		For Elevated Installation >20' To 25', Add	*27.53*	
		For Elevated Installation >25' To 30', Add	*38.54*	
		For Elevated Installation >30' To 35', Add	*44.05*	
		For Elevated Installation >35' To 40', Add	*55.06*	
		For Elevated Installation >40', Add	*60.57*	
		For Work In Restricted Working Space, Add	*33.04*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*33.04*	
26 05 33 13-1023	EA	2" Type C, LB, LR, LL, Two Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	360.26	66.08
		For Elevated Installation >10' To 15', Add	*13.22*	
		For Elevated Installation >15' To 20', Add	*26.43*	
		For Elevated Installation >20' To 25', Add	*33.04*	
		For Elevated Installation >25' To 30', Add	*46.25*	
		For Elevated Installation >30' To 35', Add	*52.86*	
		For Elevated Installation >35' To 40', Add	*66.08*	
		For Elevated Installation >40', Add	*72.68*	
		For Work In Restricted Working Space, Add	*39.65*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*39.65*	
26 05 33 13-1024	EA	2-1/2" Type C, LB, LR, LL, Two Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	604.46	92.92
		For Elevated Installation >10' To 15', Add	*18.58*	
		For Elevated Installation >15' To 20', Add	*37.17*	
		For Elevated Installation >20' To 25', Add	*46.46*	
		For Elevated Installation >25' To 30', Add	*65.04*	
		For Elevated Installation >30' To 35', Add	*74.34*	
		For Elevated Installation >35' To 40', Add	*92.92*	
		For Elevated Installation >40', Add	*102.21*	
		For Work In Restricted Working Space, Add	*55.75*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*55.75*	
26 05 33 13-1025	EA	3" Type C, LB, LR, LL, Two Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	774.38	123.89
		For Elevated Installation >10' To 15', Add	*24.78*	
		For Elevated Installation >15' To 20', Add	*49.56*	
		For Elevated Installation >20' To 25', Add	*61.95*	
		For Elevated Installation >25' To 30', Add	*86.73*	
		For Elevated Installation >30' To 35', Add	*99.12*	
		For Elevated Installation >35' To 40', Add	*123.90*	
		For Elevated Installation >40', Add	*136.28*	
		For Work In Restricted Working Space, Add	*74.34*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*74.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1026	EA	3-1/2" Type C, LB, LR, LL, Two Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	1,074.81	154.86
		For Elevated Installation >10' To 15', Add	*30.97*	
		For Elevated Installation >15' To 20', Add	*61.94*	
		For Elevated Installation >20' To 25', Add	*77.43*	
		For Elevated Installation >25' To 30', Add	*108.40*	
		For Elevated Installation >30' To 35', Add	*123.89*	
		For Elevated Installation >35' To 40', Add	*154.86*	
		For Elevated Installation >40', Add	*170.35*	
		For Work In Restricted Working Space, Add	*92.92*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*92.92*	
26 05 33 13-1027	EA	4" Type C, LB, LR, LL, Two Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	1,234.79	188.59
		For Elevated Installation >10' To 15', Add	*37.72*	
		For Elevated Installation >15' To 20', Add	*75.44*	
		For Elevated Installation >20' To 25', Add	*94.30*	
		For Elevated Installation >25' To 30', Add	*132.01*	
		For Elevated Installation >30' To 35', Add	*150.87*	
		For Elevated Installation >35' To 40', Add	*188.59*	
		For Elevated Installation >40', Add	*207.45*	
		For Work In Restricted Working Space, Add	*113.15*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*113.15*	

26 05 33 13-1028 Type X, Four Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover *(26 05 33 13-0843)*

Note: Suitable for use in hazardous locations. Class I, Div 2.

26 05 33 13-1029	EA	1/2" Type X, Four Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	163.21	43.37
		For Elevated Installation >10' To 15', Add	*8.67*	
		For Elevated Installation >15' To 20', Add	*17.34*	
		For Elevated Installation >20' To 25', Add	*21.68*	
		For Elevated Installation >25' To 30', Add	*30.35*	
		For Elevated Installation >30' To 35', Add	*34.69*	
		For Elevated Installation >35' To 40', Add	*43.36*	
		For Elevated Installation >40', Add	*47.70*	
		For Work In Restricted Working Space, Add	*26.02*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*26.02*	
26 05 33 13-1030	EA	3/4" Type X, Four Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	185.92	48.18
		For Elevated Installation >10' To 15', Add	*9.64*	
		For Elevated Installation >15' To 20', Add	*19.27*	
		For Elevated Installation >20' To 25', Add	*24.09*	
		For Elevated Installation >25' To 30', Add	*33.73*	
		For Elevated Installation >30' To 35', Add	*38.54*	
		For Elevated Installation >35' To 40', Add	*48.18*	
		For Elevated Installation >40', Add	*53.00*	
		For Work In Restricted Working Space, Add	*28.91*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*28.91*	
26 05 33 13-1031	EA	1" Type X, Four Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	226.63	53.00
		For Elevated Installation >10' To 15', Add	*10.60*	
		For Elevated Installation >15' To 20', Add	*21.20*	
		For Elevated Installation >20' To 25', Add	*26.50*	
		For Elevated Installation >25' To 30', Add	*37.10*	
		For Elevated Installation >30' To 35', Add	*42.40*	
		For Elevated Installation >35' To 40', Add	*53.00*	
		For Elevated Installation >40', Add	*58.29*	
		For Work In Restricted Working Space, Add	*31.80*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*31.80*	
26 05 33 13-1032	EA	1-1/4" Type X, Four Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	303.92	60.57
		For Elevated Installation >10' To 15', Add	*12.11*	
		For Elevated Installation >15' To 20', Add	*24.23*	
		For Elevated Installation >20' To 25', Add	*30.28*	
		For Elevated Installation >25' To 30', Add	*42.40*	
		For Elevated Installation >30' To 35', Add	*48.45*	
		For Elevated Installation >35' To 40', Add	*60.57*	
		For Elevated Installation >40', Add	*66.62*	
		For Work In Restricted Working Space, Add	*36.34*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*36.34*	
26 05 33 13-1033	EA	1-1/2" Type X, Four Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	358.73	66.08
		For Elevated Installation >10' To 15', Add	*13.22*	
		For Elevated Installation >15' To 20', Add	*26.43*	
		For Elevated Installation >20' To 25', Add	*33.04*	
		For Elevated Installation >25' To 30', Add	*46.25*	
		For Elevated Installation >30' To 35', Add	*52.86*	
		For Elevated Installation >35' To 40', Add	*66.08*	
		For Elevated Installation >40', Add	*72.68*	
		For Work In Restricted Working Space, Add	*39.65*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*39.65*	
26 05 33 13-1034	EA	2" Type X, Four Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	487.89	81.22
		For Elevated Installation >10' To 15', Add	*16.24*	
		For Elevated Installation >15' To 20', Add	*32.49*	
		For Elevated Installation >20' To 25', Add	*40.61*	
		For Elevated Installation >25' To 30', Add	*56.85*	
		For Elevated Installation >30' To 35', Add	*64.97*	
		For Elevated Installation >35' To 40', Add	*81.22*	
		For Elevated Installation >40', Add	*89.34*	
		For Work In Restricted Working Space, Add	*48.73*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*48.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1035		**Type T Or TB, Three Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover** *(26 05 33 13-0843)* Note: Suitable for use in hazardous locations. Class I, Div 2.		
26 05 33 13-1036	EA	1/2" Type T Or TB, Three Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	143.61	37.85
		For Elevated Installation >10' To 15', Add	*7.57*	
		For Elevated Installation >15' To 20', Add	*15.14*	
		For Elevated Installation >20' To 25', Add	*18.93*	
		For Elevated Installation >25' To 30', Add	*26.50*	
		For Elevated Installation >30' To 35', Add	*30.28*	
		For Elevated Installation >35' To 40', Add	*37.86*	
		For Elevated Installation >40', Add	*41.64*	
		For Work In Restricted Working Space, Add	*22.71*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.71*	
26 05 33 13-1037	EA	3/4" Type T Or TB, Three Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	163.93	44.05
		For Elevated Installation >10' To 15', Add	*8.81*	
		For Elevated Installation >15' To 20', Add	*17.62*	
		For Elevated Installation >20' To 25', Add	*22.03*	
		For Elevated Installation >25' To 30', Add	*30.84*	
		For Elevated Installation >30' To 35', Add	*35.24*	
		For Elevated Installation >35' To 40', Add	*44.05*	
		For Elevated Installation >40', Add	*48.46*	
		For Work In Restricted Working Space, Add	*26.43*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*26.43*	
26 05 33 13-1038	EA	1" Type T Or TB, Three Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	197.96	48.18
		For Elevated Installation >10' To 15', Add	*9.64*	
		For Elevated Installation >15' To 20', Add	*19.27*	
		For Elevated Installation >20' To 25', Add	*24.09*	
		For Elevated Installation >25' To 30', Add	*33.73*	
		For Elevated Installation >30' To 35', Add	*38.54*	
		For Elevated Installation >35' To 40', Add	*48.18*	
		For Elevated Installation >40', Add	*53.00*	
		For Work In Restricted Working Space, Add	*28.91*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*28.91*	
26 05 33 13-1039	EA	1-1/4" Type T Or TB, Three Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	253.15	55.07
		For Elevated Installation >10' To 15', Add	*11.01*	
		For Elevated Installation >15' To 20', Add	*22.02*	
		For Elevated Installation >20' To 25', Add	*27.53*	
		For Elevated Installation >25' To 30', Add	*38.54*	
		For Elevated Installation >30' To 35', Add	*44.05*	
		For Elevated Installation >35' To 40', Add	*55.06*	
		For Elevated Installation >40', Add	*60.57*	
		For Work In Restricted Working Space, Add	*33.04*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*33.04*	
26 05 33 13-1040	EA	1-1/2" Type T Or TB, Three Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	299.76	60.57
		For Elevated Installation >10' To 15', Add	*12.11*	
		For Elevated Installation >15' To 20', Add	*24.23*	
		For Elevated Installation >20' To 25', Add	*30.29*	
		For Elevated Installation >25' To 30', Add	*42.40*	
		For Elevated Installation >30' To 35', Add	*48.46*	
		For Elevated Installation >35' To 40', Add	*60.57*	
		For Elevated Installation >40', Add	*66.63*	
		For Work In Restricted Working Space, Add	*36.34*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*36.34*	
26 05 33 13-1041	EA	2" Type T Or TB, Three Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	401.17	70.89
		For Elevated Installation >10' To 15', Add	*14.18*	
		For Elevated Installation >15' To 20', Add	*28.36*	
		For Elevated Installation >20' To 25', Add	*35.45*	
		For Elevated Installation >25' To 30', Add	*49.63*	
		For Elevated Installation >30' To 35', Add	*56.72*	
		For Elevated Installation >35' To 40', Add	*70.90*	
		For Elevated Installation >40', Add	*77.98*	
		For Work In Restricted Working Space, Add	*42.54*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*42.54*	
26 05 33 13-1042	EA	2-1/2" Type T Or TB, Three Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	644.63	103.24
		For Elevated Installation >10' To 15', Add	*20.65*	
		For Elevated Installation >15' To 20', Add	*41.30*	
		For Elevated Installation >20' To 25', Add	*51.62*	
		For Elevated Installation >25' To 30', Add	*72.27*	
		For Elevated Installation >30' To 35', Add	*82.60*	
		For Elevated Installation >35' To 40', Add	*103.25*	
		For Elevated Installation >40', Add	*113.57*	
		For Work In Restricted Working Space, Add	*61.95*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*61.95*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1043	EA	3" Type T Or TB, Three Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	853.09	134.22
		For Elevated Installation >10' To 15', Add	*26.84*	
		For Elevated Installation >15' To 20', Add	*53.68*	
		For Elevated Installation >20' To 25', Add	*67.11*	
		For Elevated Installation >25' To 30', Add	*93.95*	
		For Elevated Installation >30' To 35', Add	*107.37*	
		For Elevated Installation >35' To 40', Add	*134.21*	
		For Elevated Installation >40', Add	*147.63*	
		For Work In Restricted Working Space, Add	*80.53*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*80.53*	
26 05 33 13-1044	EA	3-1/2" Type T Or TB, Three Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	1,170.73	165.19
		For Elevated Installation >10' To 15', Add	*33.04*	
		For Elevated Installation >15' To 20', Add	*66.07*	
		For Elevated Installation >20' To 25', Add	*82.59*	
		For Elevated Installation >25' To 30', Add	*115.63*	
		For Elevated Installation >30' To 35', Add	*132.15*	
		For Elevated Installation >35' To 40', Add	*165.19*	
		For Elevated Installation >40', Add	*181.70*	
		For Work In Restricted Working Space, Add	*99.11*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*99.11*	
26 05 33 13-1045	EA	4" Type T Or TB, Three Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	1,309.52	198.91
		For Elevated Installation >10' To 15', Add	*39.78*	
		For Elevated Installation >15' To 20', Add	*79.57*	
		For Elevated Installation >20' To 25', Add	*99.46*	
		For Elevated Installation >25' To 30', Add	*139.24*	
		For Elevated Installation >30' To 35', Add	*159.14*	
		For Elevated Installation >35' To 40', Add	*198.92*	
		For Elevated Installation >40', Add	*218.81*	
		For Work In Restricted Working Space, Add	*119.35*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*119.35*	

26 05 33 13-1046 Replacement Iron Conduit Body Covers, Polyvinyl Chloride (PVC) Coated, Urethane Lined *(26 05 33 13-0843)*

26 05 33 13-1047	EA	1/2" Replacement Iron Conduit Body Covers, Polyvinyl Chloride (PVC) Coated, Urethane Lined	29.12	4.13
		For Elevated Installation >10' To 15', Add	*0.83*	
		For Elevated Installation >15' To 20', Add	*1.65*	
		For Elevated Installation >20' To 25', Add	*2.07*	
		For Elevated Installation >25' To 30', Add	*2.89*	
		For Elevated Installation >30' To 35', Add	*3.30*	
		For Elevated Installation >35' To 40', Add	*4.13*	
		For Elevated Installation >40', Add	*4.54*	
		For Work In Restricted Working Space, Add	*2.48*	
26 05 33 13-1048	EA	3/4" Replacement Iron Conduit Body Covers, Polyvinyl Chloride (PVC) Coated, Urethane Lined	32.69	4.82
		For Elevated Installation >10' To 15', Add	*0.96*	
		For Elevated Installation >15' To 20', Add	*1.93*	
		For Elevated Installation >20' To 25', Add	*2.41*	
		For Elevated Installation >25' To 30', Add	*3.37*	
		For Elevated Installation >30' To 35', Add	*3.86*	
		For Elevated Installation >35' To 40', Add	*4.82*	
		For Elevated Installation >40', Add	*5.30*	
		For Work In Restricted Working Space, Add	*2.89*	
26 05 33 13-1049	EA	1" Replacement Iron Conduit Body Covers, Polyvinyl Chloride (PVC) Coated, Urethane Lined	42.62	6.20
		For Elevated Installation >10' To 15', Add	*1.24*	
		For Elevated Installation >15' To 20', Add	*2.48*	
		For Elevated Installation >20' To 25', Add	*3.10*	
		For Elevated Installation >25' To 30', Add	*4.34*	
		For Elevated Installation >30' To 35', Add	*4.96*	
		For Elevated Installation >35' To 40', Add	*6.20*	
		For Elevated Installation >40', Add	*6.81*	
		For Work In Restricted Working Space, Add	*3.72*	
26 05 33 13-1050	EA	1-1/4" Replacement Iron Conduit Body Covers, Polyvinyl Chloride (PVC) Coated, Urethane Lined	54.78	7.57
		For Elevated Installation >10' To 15', Add	*1.51*	
		For Elevated Installation >15' To 20', Add	*3.03*	
		For Elevated Installation >20' To 25', Add	*3.79*	
		For Elevated Installation >25' To 30', Add	*5.30*	
		For Elevated Installation >30' To 35', Add	*6.06*	
		For Elevated Installation >35' To 40', Add	*7.57*	
		For Elevated Installation >40', Add	*8.33*	
		For Work In Restricted Working Space, Add	*4.54*	
26 05 33 13-1051	EA	1-1/2" Replacement Iron Conduit Body Covers, Polyvinyl Chloride (PVC) Coated, Urethane Lined	61.37	8.94
		For Elevated Installation >10' To 15', Add	*1.79*	
		For Elevated Installation >15' To 20', Add	*3.58*	
		For Elevated Installation >20' To 25', Add	*4.48*	
		For Elevated Installation >25' To 30', Add	*6.27*	
		For Elevated Installation >30' To 35', Add	*7.16*	
		For Elevated Installation >35' To 40', Add	*8.95*	
		For Elevated Installation >40', Add	*9.85*	
		For Work In Restricted Working Space, Add	*5.37*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1052	EA	2" Replacement Iron Conduit Body Covers, Polyvinyl Chloride (PVC) Coated, Urethane Lined	75.90	10.33
		For Elevated Installation >10' To 15', Add	*2.06*	
		For Elevated Installation >15' To 20', Add	*4.13*	
		For Elevated Installation >20' To 25', Add	*5.16*	
		For Elevated Installation >25' To 30', Add	*7.22*	
		For Elevated Installation >30' To 35', Add	*8.26*	
		For Elevated Installation >35' To 40', Add	*10.32*	
		For Elevated Installation >40', Add	*11.35*	
		For Work In Restricted Working Space, Add	*6.19*	
26 05 33 13-1053	EA	2-1/2" Replacement Iron Conduit Body Covers, Polyvinyl Chloride (PVC) Coated, Urethane Lined	98.12	11.70
		For Elevated Installation >10' To 15', Add	*2.34*	
		For Elevated Installation >15' To 20', Add	*4.68*	
		For Elevated Installation >20' To 25', Add	*5.85*	
		For Elevated Installation >25' To 30', Add	*8.19*	
		For Elevated Installation >30' To 35', Add	*9.36*	
		For Elevated Installation >35' To 40', Add	*11.70*	
		For Elevated Installation >40', Add	*12.87*	
		For Work In Restricted Working Space, Add	*7.02*	
26 05 33 13-1054	EA	3" Replacement Iron Conduit Body Covers, Polyvinyl Chloride (PVC) Coated, Urethane Lined	107.76	16.51
		For Elevated Installation >10' To 15', Add	*3.30*	
		For Elevated Installation >15' To 20', Add	*6.61*	
		For Elevated Installation >20' To 25', Add	*8.26*	
		For Elevated Installation >25' To 30', Add	*11.56*	
		For Elevated Installation >30' To 35', Add	*13.22*	
		For Elevated Installation >35' To 40', Add	*16.52*	
		For Elevated Installation >40', Add	*18.17*	
		For Work In Restricted Working Space, Add	*9.91*	
26 05 33 13-1055	EA	3-1/2" Replacement Iron Conduit Body Covers, Polyvinyl Chloride (PVC) Coated, Urethane Lined	130.86	18.58
		For Elevated Installation >10' To 15', Add	*3.72*	
		For Elevated Installation >15' To 20', Add	*7.43*	
		For Elevated Installation >20' To 25', Add	*9.29*	
		For Elevated Installation >25' To 30', Add	*13.01*	
		For Elevated Installation >30' To 35', Add	*14.87*	
		For Elevated Installation >35' To 40', Add	*18.59*	
		For Elevated Installation >40', Add	*20.44*	
		For Work In Restricted Working Space, Add	*11.15*	
26 05 33 13-1056	EA	4" Replacement Iron Conduit Body Covers, Polyvinyl Chloride (PVC) Coated, Urethane Lined	140.49	23.40
		For Elevated Installation >10' To 15', Add	*4.68*	
		For Elevated Installation >15' To 20', Add	*9.36*	
		For Elevated Installation >20' To 25', Add	*11.70*	
		For Elevated Installation >25' To 30', Add	*16.38*	
		For Elevated Installation >30' To 35', Add	*18.72*	
		For Elevated Installation >35' To 40', Add	*23.40*	
		For Elevated Installation >40', Add	*25.74*	
		For Work In Restricted Working Space, Add	*14.04*	

26 05 33 13-1057 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYS Sealing Conduit Bodies *(26 05 33 13-0843)*

26 05 33 13-1058	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYS Sealing Conduit Body	140.73	33.04
		For Elevated Installation >10' To 15', Add	*6.61*	
		For Elevated Installation >15' To 20', Add	*13.22*	
		For Elevated Installation >20' To 25', Add	*16.52*	
		For Elevated Installation >25' To 30', Add	*23.13*	
		For Elevated Installation >30' To 35', Add	*26.43*	
		For Elevated Installation >35' To 40', Add	*33.04*	
		For Elevated Installation >40', Add	*36.34*	
		For Work In Restricted Working Space, Add	*19.82*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.82*	
26 05 33 13-1059	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYS Sealing Conduit Body	155.98	37.85
		For Elevated Installation >10' To 15', Add	*7.57*	
		For Elevated Installation >15' To 20', Add	*15.14*	
		For Elevated Installation >20' To 25', Add	*18.93*	
		For Elevated Installation >25' To 30', Add	*26.50*	
		For Elevated Installation >30' To 35', Add	*30.28*	
		For Elevated Installation >35' To 40', Add	*37.86*	
		For Elevated Installation >40', Add	*41.64*	
		For Work In Restricted Working Space, Add	*22.71*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.71*	
26 05 33 13-1060	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYS Sealing Conduit Body	182.08	43.37
		For Elevated Installation >10' To 15', Add	*8.67*	
		For Elevated Installation >15' To 20', Add	*17.34*	
		For Elevated Installation >20' To 25', Add	*21.68*	
		For Elevated Installation >25' To 30', Add	*30.35*	
		For Elevated Installation >30' To 35', Add	*34.69*	
		For Elevated Installation >35' To 40', Add	*43.36*	
		For Elevated Installation >40', Add	*47.70*	
		For Work In Restricted Working Space, Add	*26.02*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*26.02*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1061	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYS Sealing Conduit Body	215.99	50.24
		For Elevated Installation >10' To 15', Add	*10.05*	
		For Elevated Installation >15' To 20', Add	*20.10*	
		For Elevated Installation >20' To 25', Add	*25.12*	
		For Elevated Installation >25' To 30', Add	*35.17*	
		For Elevated Installation >30' To 35', Add	*40.20*	
		For Elevated Installation >35' To 40', Add	*50.25*	
		For Elevated Installation >40', Add	*55.27*	
		For Work In Restricted Working Space, Add	*30.15*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*30.15*	
26 05 33 13-1062	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYS Sealing Conduit Body	268.00	55.07
		For Elevated Installation >10' To 15', Add	*11.01*	
		For Elevated Installation >15' To 20', Add	*22.02*	
		For Elevated Installation >20' To 25', Add	*27.53*	
		For Elevated Installation >25' To 30', Add	*38.54*	
		For Elevated Installation >30' To 35', Add	*44.05*	
		For Elevated Installation >35' To 40', Add	*55.06*	
		For Elevated Installation >40', Add	*60.57*	
		For Work In Restricted Working Space, Add	*33.04*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*33.04*	
26 05 33 13-1063	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYS Sealing Conduit Body	324.72	66.08
		For Elevated Installation >10' To 15', Add	*13.22*	
		For Elevated Installation >15' To 20', Add	*26.43*	
		For Elevated Installation >20' To 25', Add	*33.04*	
		For Elevated Installation >25' To 30', Add	*46.25*	
		For Elevated Installation >30' To 35', Add	*52.86*	
		For Elevated Installation >35' To 40', Add	*66.08*	
		For Elevated Installation >40', Add	*72.68*	
		For Work In Restricted Working Space, Add	*39.65*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*39.65*	
26 05 33 13-1064	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYS Sealing Conduit Body	469.93	92.92
		For Elevated Installation >10' To 15', Add	*18.58*	
		For Elevated Installation >15' To 20', Add	*37.17*	
		For Elevated Installation >20' To 25', Add	*46.46*	
		For Elevated Installation >25' To 30', Add	*65.04*	
		For Elevated Installation >30' To 35', Add	*74.33*	
		For Elevated Installation >35' To 40', Add	*92.92*	
		For Elevated Installation >40', Add	*102.21*	
		For Work In Restricted Working Space, Add	*55.75*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*55.75*	
26 05 33 13-1065	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYS Sealing Conduit Body	603.10	123.89
		For Elevated Installation >10' To 15', Add	*24.78*	
		For Elevated Installation >15' To 20', Add	*49.56*	
		For Elevated Installation >20' To 25', Add	*61.95*	
		For Elevated Installation >25' To 30', Add	*86.72*	
		For Elevated Installation >30' To 35', Add	*99.11*	
		For Elevated Installation >35' To 40', Add	*123.89*	
		For Elevated Installation >40', Add	*136.28*	
		For Work In Restricted Working Space, Add	*74.33*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*74.33*	
26 05 33 13-1066	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYS Sealing Conduit Body	1,196.10	154.86
		For Elevated Installation >10' To 15', Add	*30.97*	
		For Elevated Installation >15' To 20', Add	*61.94*	
		For Elevated Installation >20' To 25', Add	*77.43*	
		For Elevated Installation >25' To 30', Add	*108.40*	
		For Elevated Installation >30' To 35', Add	*123.89*	
		For Elevated Installation >35' To 40', Add	*154.86*	
		For Elevated Installation >40', Add	*170.35*	
		For Work In Restricted Working Space, Add	*92.92*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*92.92*	
26 05 33 13-1067	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYS Sealing Conduit Body	1,747.34	188.59
		For Elevated Installation >10' To 15', Add	*37.72*	
		For Elevated Installation >15' To 20', Add	*75.44*	
		For Elevated Installation >20' To 25', Add	*94.30*	
		For Elevated Installation >25' To 30', Add	*132.01*	
		For Elevated Installation >30' To 35', Add	*150.87*	
		For Elevated Installation >35' To 40', Add	*188.59*	
		For Elevated Installation >40', Add	*207.45*	
		For Work In Restricted Working Space, Add	*113.15*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*113.15*	

26 05 33 13-1068 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYD Sealing Conduit Bodies *(26 05 33 13-0843)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1069	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYD Sealing Conduit Body	237.88	33.04
		For Elevated Installation >10' To 15', Add	*6.61*	
		For Elevated Installation >15' To 20', Add	*13.22*	
		For Elevated Installation >20' To 25', Add	*16.52*	
		For Elevated Installation >25' To 30', Add	*23.13*	
		For Elevated Installation >30' To 35', Add	*26.43*	
		For Elevated Installation >35' To 40', Add	*33.04*	
		For Elevated Installation >40', Add	*36.34*	
		For Work In Restricted Working Space, Add	*19.82*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.82*	
26 05 33 13-1070	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYD Sealing Conduit Body	256.44	37.85
		For Elevated Installation >10' To 15', Add	*7.57*	
		For Elevated Installation >15' To 20', Add	*15.14*	
		For Elevated Installation >20' To 25', Add	*18.93*	
		For Elevated Installation >25' To 30', Add	*26.50*	
		For Elevated Installation >30' To 35', Add	*30.28*	
		For Elevated Installation >35' To 40', Add	*37.86*	
		For Elevated Installation >40', Add	*41.64*	
		For Work In Restricted Working Space, Add	*22.71*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.71*	
26 05 33 13-1071	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYD Sealing Conduit Body	292.85	43.37
		For Elevated Installation >10' To 15', Add	*8.67*	
		For Elevated Installation >15' To 20', Add	*17.34*	
		For Elevated Installation >20' To 25', Add	*21.68*	
		For Elevated Installation >25' To 30', Add	*30.35*	
		For Elevated Installation >30' To 35', Add	*34.69*	
		For Elevated Installation >35' To 40', Add	*43.36*	
		For Elevated Installation >40', Add	*47.70*	
		For Work In Restricted Working Space, Add	*26.02*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*26.02*	
26 05 33 13-1072	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYD Sealing Conduit Body	328.02	50.24
		For Elevated Installation >10' To 15', Add	*10.05*	
		For Elevated Installation >15' To 20', Add	*20.10*	
		For Elevated Installation >20' To 25', Add	*25.12*	
		For Elevated Installation >25' To 30', Add	*35.17*	
		For Elevated Installation >30' To 35', Add	*40.20*	
		For Elevated Installation >35' To 40', Add	*50.25*	
		For Elevated Installation >40', Add	*55.27*	
		For Work In Restricted Working Space, Add	*30.15*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*30.15*	
26 05 33 13-1073	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYD Sealing Conduit Body	396.96	55.07
		For Elevated Installation >10' To 15', Add	*11.01*	
		For Elevated Installation >15' To 20', Add	*22.02*	
		For Elevated Installation >20' To 25', Add	*27.53*	
		For Elevated Installation >25' To 30', Add	*38.54*	
		For Elevated Installation >30' To 35', Add	*44.05*	
		For Elevated Installation >35' To 40', Add	*55.06*	
		For Elevated Installation >40', Add	*60.57*	
		For Work In Restricted Working Space, Add	*33.04*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*33.04*	
26 05 33 13-1074	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYD Sealing Conduit Body	447.40	66.08
		For Elevated Installation >10' To 15', Add	*13.22*	
		For Elevated Installation >15' To 20', Add	*26.43*	
		For Elevated Installation >20' To 25', Add	*33.04*	
		For Elevated Installation >25' To 30', Add	*46.25*	
		For Elevated Installation >30' To 35', Add	*52.86*	
		For Elevated Installation >35' To 40', Add	*66.08*	
		For Elevated Installation >40', Add	*72.68*	
		For Work In Restricted Working Space, Add	*39.65*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*39.65*	
26 05 33 13-1075	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYD Sealing Conduit Body	629.43	92.92
		For Elevated Installation >10' To 15', Add	*18.58*	
		For Elevated Installation >15' To 20', Add	*37.17*	
		For Elevated Installation >20' To 25', Add	*46.46*	
		For Elevated Installation >25' To 30', Add	*65.04*	
		For Elevated Installation >30' To 35', Add	*74.33*	
		For Elevated Installation >35' To 40', Add	*92.92*	
		For Elevated Installation >40', Add	*102.21*	
		For Work In Restricted Working Space, Add	*55.75*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*55.75*	
26 05 33 13-1076	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYD Sealing Conduit Body	876.26	123.89
		For Elevated Installation >10' To 15', Add	*24.78*	
		For Elevated Installation >15' To 20', Add	*49.56*	
		For Elevated Installation >20' To 25', Add	*61.95*	
		For Elevated Installation >25' To 30', Add	*86.72*	
		For Elevated Installation >30' To 35', Add	*99.11*	
		For Elevated Installation >35' To 40', Add	*123.89*	
		For Elevated Installation >40', Add	*136.28*	
		For Work In Restricted Working Space, Add	*74.33*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*74.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1077	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYD Sealing Conduit Body	1,275.43	154.86
		For Elevated Installation >10' To 15', Add	*30.97*	
		For Elevated Installation >15' To 20', Add	*61.94*	
		For Elevated Installation >20' To 25', Add	*77.43*	
		For Elevated Installation >25' To 30', Add	*108.40*	
		For Elevated Installation >30' To 35', Add	*123.89*	
		For Elevated Installation >35' To 40', Add	*154.86*	
		For Elevated Installation >40', Add	*170.35*	
		For Work In Restricted Working Space, Add	*92.92*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*92.92*	
26 05 33 13-1078	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYD Sealing Conduit Body	1,851.14	188.59
		For Elevated Installation >10' To 15', Add	*37.72*	
		For Elevated Installation >15' To 20', Add	*75.44*	
		For Elevated Installation >20' To 25', Add	*94.30*	
		For Elevated Installation >25' To 30', Add	*132.01*	
		For Elevated Installation >30' To 35', Add	*150.87*	
		For Elevated Installation >35' To 40', Add	*188.59*	
		For Elevated Installation >40', Add	*207.45*	
		For Work In Restricted Working Space, Add	*113.15*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*113.15*	

26 05 33 13-1079 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZS Sealing Conduit Bodies *(26 05 33 13-0843)*

26 05 33 13-1080	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZS Sealing Conduit Body	191.11	33.04
		For Elevated Installation >10' To 15', Add	*6.61*	
		For Elevated Installation >15' To 20', Add	*13.22*	
		For Elevated Installation >20' To 25', Add	*16.52*	
		For Elevated Installation >25' To 30', Add	*23.13*	
		For Elevated Installation >30' To 35', Add	*26.43*	
		For Elevated Installation >35' To 40', Add	*33.04*	
		For Elevated Installation >40', Add	*36.34*	
		For Work In Restricted Working Space, Add	*19.82*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.82*	
26 05 33 13-1081	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZS Sealing Conduit Body	204.07	37.85
		For Elevated Installation >10' To 15', Add	*7.57*	
		For Elevated Installation >15' To 20', Add	*15.14*	
		For Elevated Installation >20' To 25', Add	*18.93*	
		For Elevated Installation >25' To 30', Add	*26.50*	
		For Elevated Installation >30' To 35', Add	*30.28*	
		For Elevated Installation >35' To 40', Add	*37.86*	
		For Elevated Installation >40', Add	*41.64*	
		For Work In Restricted Working Space, Add	*22.71*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.71*	
26 05 33 13-1082	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZS Sealing Conduit Body	234.43	43.37
		For Elevated Installation >10' To 15', Add	*8.67*	
		For Elevated Installation >15' To 20', Add	*17.34*	
		For Elevated Installation >20' To 25', Add	*21.68*	
		For Elevated Installation >25' To 30', Add	*30.35*	
		For Elevated Installation >30' To 35', Add	*34.69*	
		For Elevated Installation >35' To 40', Add	*43.36*	
		For Elevated Installation >40', Add	*47.70*	
		For Work In Restricted Working Space, Add	*26.02*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*26.02*	
26 05 33 13-1083	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZS Sealing Conduit Body	261.76	50.24
		For Elevated Installation >10' To 15', Add	*10.05*	
		For Elevated Installation >15' To 20', Add	*20.10*	
		For Elevated Installation >20' To 25', Add	*25.12*	
		For Elevated Installation >25' To 30', Add	*35.17*	
		For Elevated Installation >30' To 35', Add	*40.20*	
		For Elevated Installation >35' To 40', Add	*50.25*	
		For Elevated Installation >40', Add	*55.27*	
		For Work In Restricted Working Space, Add	*30.15*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*30.15*	
26 05 33 13-1084	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZS Sealing Conduit Body	358.39	55.07
		For Elevated Installation >10' To 15', Add	*11.01*	
		For Elevated Installation >15' To 20', Add	*22.02*	
		For Elevated Installation >20' To 25', Add	*27.53*	
		For Elevated Installation >25' To 30', Add	*38.54*	
		For Elevated Installation >30' To 35', Add	*44.05*	
		For Elevated Installation >35' To 40', Add	*55.06*	
		For Elevated Installation >40', Add	*60.57*	
		For Work In Restricted Working Space, Add	*33.04*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*33.04*	
26 05 33 13-1085	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZS Sealing Conduit Body	449.73	66.08
		For Elevated Installation >10' To 15', Add	*13.22*	
		For Elevated Installation >15' To 20', Add	*26.43*	
		For Elevated Installation >20' To 25', Add	*33.04*	
		For Elevated Installation >25' To 30', Add	*46.25*	
		For Elevated Installation >30' To 35', Add	*52.86*	
		For Elevated Installation >35' To 40', Add	*66.08*	
		For Elevated Installation >40', Add	*72.68*	
		For Work In Restricted Working Space, Add	*39.65*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*39.65*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1086	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZS Sealing Conduit Body	697.26	92.92
		For Elevated Installation >10' To 15', Add	*18.58*	
		For Elevated Installation >15' To 20', Add	*37.17*	
		For Elevated Installation >20' To 25', Add	*46.46*	
		For Elevated Installation >25' To 30', Add	*65.04*	
		For Elevated Installation >30' To 35', Add	*74.33*	
		For Elevated Installation >35' To 40', Add	*92.92*	
		For Elevated Installation >40', Add	*102.21*	
		For Work In Restricted Working Space, Add	*55.75*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*55.75*	
26 05 33 13-1087	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZS Sealing Conduit Body	1,014.27	123.89
		For Elevated Installation >10' To 15', Add	*24.78*	
		For Elevated Installation >15' To 20', Add	*49.56*	
		For Elevated Installation >20' To 25', Add	*61.95*	
		For Elevated Installation >25' To 30', Add	*86.72*	
		For Elevated Installation >30' To 35', Add	*99.11*	
		For Elevated Installation >35' To 40', Add	*123.89*	
		For Elevated Installation >40', Add	*136.28*	
		For Work In Restricted Working Space, Add	*74.33*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*74.33*	
26 05 33 13-1088	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZS Sealing Conduit Body	1,275.43	154.86
		For Elevated Installation >10' To 15', Add	*30.97*	
		For Elevated Installation >15' To 20', Add	*61.94*	
		For Elevated Installation >20' To 25', Add	*77.43*	
		For Elevated Installation >25' To 30', Add	*108.40*	
		For Elevated Installation >30' To 35', Add	*123.89*	
		For Elevated Installation >35' To 40', Add	*154.86*	
		For Elevated Installation >40', Add	*170.35*	
		For Work In Restricted Working Space, Add	*92.92*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*92.92*	

26 05 33 13-1089 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZD Sealing Conduit Bodies *(26 05 33 13-0843)*

26 05 33 13-1090	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZD Sealing Conduit Body	251.61	33.04
		For Elevated Installation >10' To 15', Add	*6.61*	
		For Elevated Installation >15' To 20', Add	*13.22*	
		For Elevated Installation >20' To 25', Add	*16.52*	
		For Elevated Installation >25' To 30', Add	*23.13*	
		For Elevated Installation >30' To 35', Add	*26.43*	
		For Elevated Installation >35' To 40', Add	*33.04*	
		For Elevated Installation >40', Add	*36.34*	
		For Work In Restricted Working Space, Add	*19.82*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.82*	
26 05 33 13-1091	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZD Sealing Conduit Body	279.34	37.85
		For Elevated Installation >10' To 15', Add	*7.57*	
		For Elevated Installation >15' To 20', Add	*15.14*	
		For Elevated Installation >20' To 25', Add	*18.93*	
		For Elevated Installation >25' To 30', Add	*26.50*	
		For Elevated Installation >30' To 35', Add	*30.28*	
		For Elevated Installation >35' To 40', Add	*37.86*	
		For Elevated Installation >40', Add	*41.64*	
		For Work In Restricted Working Space, Add	*22.71*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.71*	
26 05 33 13-1092	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZD Sealing Conduit Body	345.83	43.37
		For Elevated Installation >10' To 15', Add	*8.67*	
		For Elevated Installation >15' To 20', Add	*17.34*	
		For Elevated Installation >20' To 25', Add	*21.68*	
		For Elevated Installation >25' To 30', Add	*30.35*	
		For Elevated Installation >30' To 35', Add	*34.69*	
		For Elevated Installation >35' To 40', Add	*43.36*	
		For Elevated Installation >40', Add	*47.70*	
		For Work In Restricted Working Space, Add	*26.02*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*26.02*	
26 05 33 13-1093	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZD Sealing Conduit Body	426.00	50.24
		For Elevated Installation >10' To 15', Add	*10.05*	
		For Elevated Installation >15' To 20', Add	*20.10*	
		For Elevated Installation >20' To 25', Add	*25.12*	
		For Elevated Installation >25' To 30', Add	*35.17*	
		For Elevated Installation >30' To 35', Add	*40.20*	
		For Elevated Installation >35' To 40', Add	*50.25*	
		For Elevated Installation >40', Add	*55.27*	
		For Work In Restricted Working Space, Add	*30.15*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*30.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1094	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZD Sealing Conduit Body	590.43	55.07
		For Elevated Installation >10' To 15', Add	*11.01*	
		For Elevated Installation >15' To 20', Add	*22.02*	
		For Elevated Installation >20' To 25', Add	*27.53*	
		For Elevated Installation >25' To 30', Add	*38.54*	
		For Elevated Installation >30' To 35', Add	*44.05*	
		For Elevated Installation >35' To 40', Add	*55.06*	
		For Elevated Installation >40', Add	*60.57*	
		For Work In Restricted Working Space, Add	*33.04*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*33.04*	
26 05 33 13-1095	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZD Sealing Conduit Body	707.63	66.08
		For Elevated Installation >10' To 15', Add	*13.22*	
		For Elevated Installation >15' To 20', Add	*26.43*	
		For Elevated Installation >20' To 25', Add	*33.04*	
		For Elevated Installation >25' To 30', Add	*46.25*	
		For Elevated Installation >30' To 35', Add	*52.86*	
		For Elevated Installation >35' To 40', Add	*66.08*	
		For Elevated Installation >40', Add	*72.68*	
		For Work In Restricted Working Space, Add	*39.65*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*39.65*	

26 05 33 13-1096 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Couplings *(26 05 33 13-0843)*

26 05 33 13-1097	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Coupling	49.20	13.24
		For Elevated Installation >10' To 15', Add	*2.65*	
		For Elevated Installation >15' To 20', Add	*5.29*	
		For Elevated Installation >20' To 25', Add	*6.62*	
		For Elevated Installation >25' To 30', Add	*9.26*	
		For Elevated Installation >30' To 35', Add	*10.59*	
		For Elevated Installation >35' To 40', Add	*13.24*	
		For Elevated Installation >40', Add	*14.56*	
		For Work In Restricted Working Space, Add	*7.94*	
26 05 33 13-1098	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Coupling	65.07	15.88
		For Elevated Installation >10' To 15', Add	*3.18*	
		For Elevated Installation >15' To 20', Add	*6.35*	
		For Elevated Installation >20' To 25', Add	*7.94*	
		For Elevated Installation >25' To 30', Add	*11.12*	
		For Elevated Installation >30' To 35', Add	*12.70*	
		For Elevated Installation >35' To 40', Add	*15.88*	
		For Elevated Installation >40', Add	*17.47*	
		For Work In Restricted Working Space, Add	*9.53*	
26 05 33 13-1099	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Coupling	82.79	21.18
		For Elevated Installation >10' To 15', Add	*4.24*	
		For Elevated Installation >15' To 20', Add	*8.47*	
		For Elevated Installation >20' To 25', Add	*10.59*	
		For Elevated Installation >25' To 30', Add	*14.82*	
		For Elevated Installation >30' To 35', Add	*16.94*	
		For Elevated Installation >35' To 40', Add	*21.18*	
		For Elevated Installation >40', Add	*23.29*	
		For Work In Restricted Working Space, Add	*12.71*	
26 05 33 13-1100	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Coupling	113.64	26.47
		For Elevated Installation >10' To 15', Add	*5.29*	
		For Elevated Installation >15' To 20', Add	*10.59*	
		For Elevated Installation >20' To 25', Add	*13.24*	
		For Elevated Installation >25' To 30', Add	*18.53*	
		For Elevated Installation >30' To 35', Add	*21.18*	
		For Elevated Installation >35' To 40', Add	*26.47*	
		For Elevated Installation >40', Add	*29.12*	
		For Work In Restricted Working Space, Add	*15.88*	
26 05 33 13-1101	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Coupling	148.80	31.76
		For Elevated Installation >10' To 15', Add	*6.35*	
		For Elevated Installation >15' To 20', Add	*12.71*	
		For Elevated Installation >20' To 25', Add	*15.88*	
		For Elevated Installation >25' To 30', Add	*22.24*	
		For Elevated Installation >30' To 35', Add	*25.41*	
		For Elevated Installation >35' To 40', Add	*31.77*	
		For Elevated Installation >40', Add	*34.94*	
		For Work In Restricted Working Space, Add	*19.06*	
26 05 33 13-1102	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Coupling	254.41	37.06
		For Elevated Installation >10' To 15', Add	*7.41*	
		For Elevated Installation >15' To 20', Add	*14.82*	
		For Elevated Installation >20' To 25', Add	*18.53*	
		For Elevated Installation >25' To 30', Add	*25.94*	
		For Elevated Installation >30' To 35', Add	*29.65*	
		For Elevated Installation >35' To 40', Add	*37.06*	
		For Elevated Installation >40', Add	*40.77*	
		For Work In Restricted Working Space, Add	*22.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1103	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Coupling	368.57	42.35
		For Elevated Installation >10' To 15', Add	*8.47*	
		For Elevated Installation >15' To 20', Add	*16.94*	
		For Elevated Installation >20' To 25', Add	*21.18*	
		For Elevated Installation >25' To 30', Add	*29.65*	
		For Elevated Installation >30' To 35', Add	*33.88*	
		For Elevated Installation >35' To 40', Add	*42.36*	
		For Elevated Installation >40', Add	*46.59*	
		For Work In Restricted Working Space, Add	*25.41*	
26 05 33 13-1104	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Coupling	459.31	47.65
		For Elevated Installation >10' To 15', Add	*9.53*	
		For Elevated Installation >15' To 20', Add	*19.06*	
		For Elevated Installation >20' To 25', Add	*23.83*	
		For Elevated Installation >25' To 30', Add	*33.36*	
		For Elevated Installation >30' To 35', Add	*38.12*	
		For Elevated Installation >35' To 40', Add	*47.65*	
		For Elevated Installation >40', Add	*52.42*	
		For Work In Restricted Working Space, Add	*28.59*	
26 05 33 13-1105	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Coupling	638.27	55.59
		For Elevated Installation >10' To 15', Add	*11.12*	
		For Elevated Installation >15' To 20', Add	*22.24*	
		For Elevated Installation >20' To 25', Add	*27.80*	
		For Elevated Installation >25' To 30', Add	*38.92*	
		For Elevated Installation >30' To 35', Add	*44.48*	
		For Elevated Installation >35' To 40', Add	*55.60*	
		For Elevated Installation >40', Add	*61.15*	
		For Work In Restricted Working Space, Add	*33.36*	
26 05 33 13-1106	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Coupling	774.57	63.53
		For Elevated Installation >10' To 15', Add	*12.71*	
		For Elevated Installation >15' To 20', Add	*25.41*	
		For Elevated Installation >20' To 25', Add	*31.77*	
		For Elevated Installation >25' To 30', Add	*44.47*	
		For Elevated Installation >30' To 35', Add	*50.83*	
		For Elevated Installation >35' To 40', Add	*63.54*	
		For Elevated Installation >40', Add	*69.89*	
		For Work In Restricted Working Space, Add	*38.12*	
26 05 33 13-1107	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Coupling	1,239.59	100.60
		For Elevated Installation >10' To 15', Add	*20.12*	
		For Elevated Installation >15' To 20', Add	*40.24*	
		For Elevated Installation >20' To 25', Add	*50.30*	
		For Elevated Installation >25' To 30', Add	*70.41*	
		For Elevated Installation >30' To 35', Add	*80.47*	
		For Elevated Installation >35' To 40', Add	*100.59*	
		For Elevated Installation >40', Add	*110.65*	
		For Work In Restricted Working Space, Add	*60.35*	
26 05 33 13-1108	EA	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Coupling	1,696.11	153.54
		For Elevated Installation >10' To 15', Add	*30.71*	
		For Elevated Installation >15' To 20', Add	*61.42*	
		For Elevated Installation >20' To 25', Add	*76.77*	
		For Elevated Installation >25' To 30', Add	*107.48*	
		For Elevated Installation >30' To 35', Add	*122.83*	
		For Elevated Installation >35' To 40', Add	*153.54*	
		For Elevated Installation >40', Add	*168.89*	
		For Work In Restricted Working Space, Add	*92.12*	

26 05 33 13-1109 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Pulling Elbows *(26 05 33 13-0843)*

26 05 33 13-1110	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Pulling Elbow	180.44	33.04
		For Elevated Installation >10' To 15', Add	*6.61*	
		For Elevated Installation >15' To 20', Add	*13.22*	
		For Elevated Installation >20' To 25', Add	*16.52*	
		For Elevated Installation >25' To 30', Add	*23.13*	
		For Elevated Installation >30' To 35', Add	*26.43*	
		For Elevated Installation >35' To 40', Add	*33.04*	
		For Elevated Installation >40', Add	*36.34*	
		For Work In Restricted Working Space, Add	*19.82*	
26 05 33 13-1111	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Pulling Elbow	213.05	36.48
		For Elevated Installation >10' To 15', Add	*7.30*	
		For Elevated Installation >15' To 20', Add	*14.59*	
		For Elevated Installation >20' To 25', Add	*18.24*	
		For Elevated Installation >25' To 30', Add	*25.53*	
		For Elevated Installation >30' To 35', Add	*29.18*	
		For Elevated Installation >35' To 40', Add	*36.48*	
		For Elevated Installation >40', Add	*40.12*	
		For Work In Restricted Working Space, Add	*21.89*	
26 05 33 13-1112	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Pulling Elbow	235.40	43.37
		For Elevated Installation >10' To 15', Add	*8.67*	
		For Elevated Installation >15' To 20', Add	*17.34*	
		For Elevated Installation >20' To 25', Add	*21.68*	
		For Elevated Installation >25' To 30', Add	*30.35*	
		For Elevated Installation >30' To 35', Add	*34.69*	
		For Elevated Installation >35' To 40', Add	*43.36*	
		For Elevated Installation >40', Add	*47.70*	
		For Work In Restricted Working Space, Add	*26.02*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1113	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Pulling Elbow	337.09	50.24
		For Elevated Installation >10' To 15', Add	*10.05*	
		For Elevated Installation >15' To 20', Add	*20.10*	
		For Elevated Installation >20' To 25', Add	*25.12*	
		For Elevated Installation >25' To 30', Add	*35.17*	
		For Elevated Installation >30' To 35', Add	*40.20*	
		For Elevated Installation >35' To 40', Add	*50.25*	
		For Elevated Installation >40', Add	*55.27*	
		For Work In Restricted Working Space, Add	*30.15*	
26 05 33 13-1114	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Pulling Elbow	443.51	55.07
		For Elevated Installation >10' To 15', Add	*11.01*	
		For Elevated Installation >15' To 20', Add	*22.02*	
		For Elevated Installation >20' To 25', Add	*27.53*	
		For Elevated Installation >25' To 30', Add	*38.54*	
		For Elevated Installation >30' To 35', Add	*44.05*	
		For Elevated Installation >35' To 40', Add	*55.06*	
		For Elevated Installation >40', Add	*60.57*	
		For Work In Restricted Working Space, Add	*33.04*	
26 05 33 13-1115	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Pulling Elbow	479.40	66.08
		For Elevated Installation >10' To 15', Add	*13.22*	
		For Elevated Installation >15' To 20', Add	*26.43*	
		For Elevated Installation >20' To 25', Add	*33.04*	
		For Elevated Installation >25' To 30', Add	*46.25*	
		For Elevated Installation >30' To 35', Add	*52.86*	
		For Elevated Installation >35' To 40', Add	*66.08*	
		For Elevated Installation >40', Add	*72.68*	
		For Work In Restricted Working Space, Add	*39.65*	
26 05 33 13-1116	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Pulling Elbow	1,125.85	91.54
		For Elevated Installation >10' To 15', Add	*18.31*	
		For Elevated Installation >15' To 20', Add	*36.62*	
		For Elevated Installation >20' To 25', Add	*45.77*	
		For Elevated Installation >25' To 30', Add	*64.08*	
		For Elevated Installation >30' To 35', Add	*73.24*	
		For Elevated Installation >35' To 40', Add	*91.55*	
		For Elevated Installation >40', Add	*100.70*	
		For Work In Restricted Working Space, Add	*54.93*	
26 05 33 13-1117	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Pulling Elbow	1,190.77	123.89
		For Elevated Installation >10' To 15', Add	*24.78*	
		For Elevated Installation >15' To 20', Add	*49.56*	
		For Elevated Installation >20' To 25', Add	*61.95*	
		For Elevated Installation >25' To 30', Add	*86.73*	
		For Elevated Installation >30' To 35', Add	*99.12*	
		For Elevated Installation >35' To 40', Add	*123.90*	
		For Elevated Installation >40', Add	*136.28*	
		For Work In Restricted Working Space, Add	*74.34*	
26 05 33 13-1118	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Pulling Elbow	1,943.13	154.86
		For Elevated Installation >10' To 15', Add	*30.97*	
		For Elevated Installation >15' To 20', Add	*61.95*	
		For Elevated Installation >20' To 25', Add	*77.44*	
		For Elevated Installation >25' To 30', Add	*108.41*	
		For Elevated Installation >30' To 35', Add	*123.90*	
		For Elevated Installation >35' To 40', Add	*154.87*	
		For Elevated Installation >40', Add	*170.36*	
		For Work In Restricted Working Space, Add	*92.92*	
26 05 33 13-1119	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Pulling Elbow	2,026.43	188.59
		For Elevated Installation >10' To 15', Add	*37.72*	
		For Elevated Installation >15' To 20', Add	*75.44*	
		For Elevated Installation >20' To 25', Add	*94.30*	
		For Elevated Installation >25' To 30', Add	*132.02*	
		For Elevated Installation >30' To 35', Add	*150.88*	
		For Elevated Installation >35' To 40', Add	*188.60*	
		For Elevated Installation >40', Add	*207.46*	
		For Work In Restricted Working Space, Add	*113.16*	

26 05 33 13-1120 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Hazardous Locations Pulling Elbows *(26 05 33 13-0843)*

26 05 33 13-1121	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Hazardous Locations Pulling Elbow	261.83	33.04
		For Elevated Installation >10' To 15', Add	*6.61*	
		For Elevated Installation >15' To 20', Add	*13.22*	
		For Elevated Installation >20' To 25', Add	*16.52*	
		For Elevated Installation >25' To 30', Add	*23.13*	
		For Elevated Installation >30' To 35', Add	*26.43*	
		For Elevated Installation >35' To 40', Add	*33.04*	
		For Elevated Installation >40', Add	*36.34*	
		For Work In Restricted Working Space, Add	*19.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1122	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Hazardous Locations Pulling Elbow	298.29	37.85
		For Elevated Installation >10' To 15', Add	*7.57*	
		For Elevated Installation >15' To 20', Add	*15.14*	
		For Elevated Installation >20' To 25', Add	*18.93*	
		For Elevated Installation >25' To 30', Add	*26.50*	
		For Elevated Installation >30' To 35', Add	*30.28*	
		For Elevated Installation >35' To 40', Add	*37.86*	
		For Elevated Installation >40', Add	*41.64*	
		For Work In Restricted Working Space, Add	*22.71*	
26 05 33 13-1123	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Hazardous Locations Pulling Elbow	585.54	43.37
		For Elevated Installation >10' To 15', Add	*8.67*	
		For Elevated Installation >15' To 20', Add	*17.34*	
		For Elevated Installation >20' To 25', Add	*21.68*	
		For Elevated Installation >25' To 30', Add	*30.35*	
		For Elevated Installation >30' To 35', Add	*34.69*	
		For Elevated Installation >35' To 40', Add	*43.36*	
		For Elevated Installation >40', Add	*47.70*	
		For Work In Restricted Working Space, Add	*26.02*	
26 05 33 13-1124	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Hazardous Locations Pulling Elbow	614.71	50.24
		For Elevated Installation >10' To 15', Add	*10.05*	
		For Elevated Installation >15' To 20', Add	*20.10*	
		For Elevated Installation >20' To 25', Add	*25.12*	
		For Elevated Installation >25' To 30', Add	*35.17*	
		For Elevated Installation >30' To 35', Add	*40.20*	
		For Elevated Installation >35' To 40', Add	*50.25*	
		For Elevated Installation >40', Add	*55.27*	
		For Work In Restricted Working Space, Add	*30.15*	
26 05 33 13-1125	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Hazardous Locations Pulling Elbow	838.99	55.07
		For Elevated Installation >10' To 15', Add	*11.01*	
		For Elevated Installation >15' To 20', Add	*22.02*	
		For Elevated Installation >20' To 25', Add	*27.53*	
		For Elevated Installation >25' To 30', Add	*38.54*	
		For Elevated Installation >30' To 35', Add	*44.05*	
		For Elevated Installation >35' To 40', Add	*55.06*	
		For Elevated Installation >40', Add	*60.57*	
		For Work In Restricted Working Space, Add	*33.04*	
26 05 33 13-1126	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Hazardous Locations Pulling Elbow	895.59	66.08
		For Elevated Installation >10' To 15', Add	*13.22*	
		For Elevated Installation >15' To 20', Add	*26.43*	
		For Elevated Installation >20' To 25', Add	*33.04*	
		For Elevated Installation >25' To 30', Add	*46.25*	
		For Elevated Installation >30' To 35', Add	*52.86*	
		For Elevated Installation >35' To 40', Add	*66.08*	
		For Elevated Installation >40', Add	*72.68*	
		For Work In Restricted Working Space, Add	*39.65*	
26 05 33 13-1127	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Hazardous Locations Pulling Elbow	1,718.79	92.92
		For Elevated Installation >10' To 15', Add	*18.58*	
		For Elevated Installation >15' To 20', Add	*37.17*	
		For Elevated Installation >20' To 25', Add	*46.46*	
		For Elevated Installation >25' To 30', Add	*65.04*	
		For Elevated Installation >30' To 35', Add	*74.33*	
		For Elevated Installation >35' To 40', Add	*92.92*	
		For Elevated Installation >40', Add	*102.21*	
		For Work In Restricted Working Space, Add	*55.75*	
26 05 33 13-1128	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Hazardous Locations Pulling Elbow	1,811.04	123.89
		For Elevated Installation >10' To 15', Add	*24.78*	
		For Elevated Installation >15' To 20', Add	*49.56*	
		For Elevated Installation >20' To 25', Add	*61.95*	
		For Elevated Installation >25' To 30', Add	*86.72*	
		For Elevated Installation >30' To 35', Add	*99.11*	
		For Elevated Installation >35' To 40', Add	*123.89*	
		For Elevated Installation >40', Add	*136.28*	
		For Work In Restricted Working Space, Add	*74.33*	
26 05 33 13-1129	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Hazardous Locations Pulling Elbow	2,650.66	154.86
		For Elevated Installation >10' To 15', Add	*30.97*	
		For Elevated Installation >15' To 20', Add	*61.94*	
		For Elevated Installation >20' To 25', Add	*77.43*	
		For Elevated Installation >25' To 30', Add	*108.40*	
		For Elevated Installation >30' To 35', Add	*123.89*	
		For Elevated Installation >35' To 40', Add	*154.86*	
		For Elevated Installation >40', Add	*170.35*	
		For Work In Restricted Working Space, Add	*92.92*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1130	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Hazardous Locations Pulling Elbow	3,002.68	188.59
		For Elevated Installation >10' To 15', Add	*37.72*	
		For Elevated Installation >15' To 20', Add	*75.44*	
		For Elevated Installation >20' To 25', Add	*94.30*	
		For Elevated Installation >25' To 30', Add	*132.01*	
		For Elevated Installation >30' To 35', Add	*150.87*	
		For Elevated Installation >35' To 40', Add	*188.59*	
		For Elevated Installation >40', Add	*207.45*	
		For Work In Restricted Working Space, Add	*113.15*	

26 05 33 13-1131 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Male To Male 90 Degree Malleable Elbows *(26 05 33 13-0843)*

26 05 33 13-1132	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Male To Male 90 Degree Malleable Elbow	100.86	17.21
		For Elevated Installation >10' To 15', Add	*3.44*	
		For Elevated Installation >15' To 20', Add	*6.88*	
		For Elevated Installation >20' To 25', Add	*8.60*	
		For Elevated Installation >25' To 30', Add	*12.04*	
		For Elevated Installation >30' To 35', Add	*13.76*	
		For Elevated Installation >35' To 40', Add	*17.21*	
		For Elevated Installation >40', Add	*18.93*	
		For Work In Restricted Working Space, Add	*10.32*	
26 05 33 13-1133	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Male To Male 90 Degree Malleable Elbow	117.49	21.34
		For Elevated Installation >10' To 15', Add	*4.27*	
		For Elevated Installation >15' To 20', Add	*8.53*	
		For Elevated Installation >20' To 25', Add	*10.67*	
		For Elevated Installation >25' To 30', Add	*14.93*	
		For Elevated Installation >30' To 35', Add	*17.07*	
		For Elevated Installation >35' To 40', Add	*21.34*	
		For Elevated Installation >40', Add	*23.47*	
		For Work In Restricted Working Space, Add	*12.80*	
26 05 33 13-1134	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Male To Male 90 Degree Malleable Elbow	140.03	26.15
		For Elevated Installation >10' To 15', Add	*5.23*	
		For Elevated Installation >15' To 20', Add	*10.46*	
		For Elevated Installation >20' To 25', Add	*13.08*	
		For Elevated Installation >25' To 30', Add	*18.31*	
		For Elevated Installation >30' To 35', Add	*20.92*	
		For Elevated Installation >35' To 40', Add	*26.16*	
		For Elevated Installation >40', Add	*28.77*	
		For Work In Restricted Working Space, Add	*15.69*	
26 05 33 13-1135	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Male To Male 90 Degree Malleable Elbow	165.25	30.28
		For Elevated Installation >10' To 15', Add	*6.06*	
		For Elevated Installation >15' To 20', Add	*12.11*	
		For Elevated Installation >20' To 25', Add	*15.14*	
		For Elevated Installation >25' To 30', Add	*21.20*	
		For Elevated Installation >30' To 35', Add	*24.23*	
		For Elevated Installation >35' To 40', Add	*30.29*	
		For Elevated Installation >40', Add	*33.31*	
		For Work In Restricted Working Space, Add	*18.17*	

26 05 33 13-1136 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 90 Degree Malleable Elbows *(26 05 33 13-0843)*

26 05 33 13-1137	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 90 Degree Malleable Elbow	79.65	17.21
		For Elevated Installation >10' To 15', Add	*3.44*	
		For Elevated Installation >15' To 20', Add	*6.88*	
		For Elevated Installation >20' To 25', Add	*8.60*	
		For Elevated Installation >25' To 30', Add	*12.04*	
		For Elevated Installation >30' To 35', Add	*13.76*	
		For Elevated Installation >35' To 40', Add	*17.21*	
		For Elevated Installation >40', Add	*18.93*	
		For Work In Restricted Working Space, Add	*10.32*	
26 05 33 13-1138	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 90 Degree Malleable Elbow	92.04	21.34
		For Elevated Installation >10' To 15', Add	*4.27*	
		For Elevated Installation >15' To 20', Add	*8.53*	
		For Elevated Installation >20' To 25', Add	*10.67*	
		For Elevated Installation >25' To 30', Add	*14.93*	
		For Elevated Installation >30' To 35', Add	*17.07*	
		For Elevated Installation >35' To 40', Add	*21.34*	
		For Elevated Installation >40', Add	*23.47*	
		For Work In Restricted Working Space, Add	*12.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1139	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 90 Degree Malleable Elbow	127.63	26.15
		For Elevated Installation >10' To 15', Add	*5.23*	
		For Elevated Installation >15' To 20', Add	*10.46*	
		For Elevated Installation >20' To 25', Add	*13.08*	
		For Elevated Installation >25' To 30', Add	*18.31*	
		For Elevated Installation >30' To 35', Add	*20.92*	
		For Elevated Installation >35' To 40', Add	*26.16*	
		For Elevated Installation >40', Add	*28.77*	
		For Work In Restricted Working Space, Add	*15.69*	
26 05 33 13-1140	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 90 Degree Malleable Elbow	165.35	30.28
		For Elevated Installation >10' To 15', Add	*6.06*	
		For Elevated Installation >15' To 20', Add	*12.11*	
		For Elevated Installation >20' To 25', Add	*15.14*	
		For Elevated Installation >25' To 30', Add	*21.20*	
		For Elevated Installation >30' To 35', Add	*24.23*	
		For Elevated Installation >35' To 40', Add	*30.29*	
		For Elevated Installation >40', Add	*33.31*	
		For Work In Restricted Working Space, Add	*18.17*	
26 05 33 13-1141	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 90 Degree Malleable Elbow	201.32	34.41
		For Elevated Installation >10' To 15', Add	*6.88*	
		For Elevated Installation >15' To 20', Add	*13.76*	
		For Elevated Installation >20' To 25', Add	*17.21*	
		For Elevated Installation >25' To 30', Add	*24.09*	
		For Elevated Installation >30' To 35', Add	*27.53*	
		For Elevated Installation >35' To 40', Add	*34.41*	
		For Elevated Installation >40', Add	*37.85*	
		For Work In Restricted Working Space, Add	*20.65*	
26 05 33 13-1142	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 90 Degree Malleable Elbow	288.75	37.85
		For Elevated Installation >10' To 15', Add	*7.57*	
		For Elevated Installation >15' To 20', Add	*15.14*	
		For Elevated Installation >20' To 25', Add	*18.93*	
		For Elevated Installation >25' To 30', Add	*26.50*	
		For Elevated Installation >30' To 35', Add	*30.28*	
		For Elevated Installation >35' To 40', Add	*37.86*	
		For Elevated Installation >40', Add	*41.64*	
		For Work In Restricted Working Space, Add	*22.71*	
26 05 33 13-1143	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 90 Degree Malleable Elbow	394.34	47.49
		For Elevated Installation >10' To 15', Add	*9.50*	
		For Elevated Installation >15' To 20', Add	*19.00*	
		For Elevated Installation >20' To 25', Add	*23.75*	
		For Elevated Installation >25' To 30', Add	*33.24*	
		For Elevated Installation >30' To 35', Add	*37.99*	
		For Elevated Installation >35' To 40', Add	*47.49*	
		For Elevated Installation >40', Add	*52.24*	
		For Work In Restricted Working Space, Add	*28.49*	

26 05 33 13-1144 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Male To Female 90 Degree Malleable Elbows *(26 05 33 13-0843)*

26 05 33 13-1145	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Male To Female 90 Degree Malleable Elbow	100.90	17.21
		For Elevated Installation >10' To 15', Add	*3.44*	
		For Elevated Installation >15' To 20', Add	*6.88*	
		For Elevated Installation >20' To 25', Add	*8.60*	
		For Elevated Installation >25' To 30', Add	*12.04*	
		For Elevated Installation >30' To 35', Add	*13.76*	
		For Elevated Installation >35' To 40', Add	*17.21*	
		For Elevated Installation >40', Add	*18.93*	
		For Work In Restricted Working Space, Add	*10.32*	
26 05 33 13-1146	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Male To Female 90 Degree Malleable Elbow	120.42	21.34
		For Elevated Installation >10' To 15', Add	*4.27*	
		For Elevated Installation >15' To 20', Add	*8.53*	
		For Elevated Installation >20' To 25', Add	*10.67*	
		For Elevated Installation >25' To 30', Add	*14.93*	
		For Elevated Installation >30' To 35', Add	*17.07*	
		For Elevated Installation >35' To 40', Add	*21.34*	
		For Elevated Installation >40', Add	*23.47*	
		For Work In Restricted Working Space, Add	*12.80*	
26 05 33 13-1147	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Male To Female 90 Degree Malleable Elbow	140.06	26.15
		For Elevated Installation >10' To 15', Add	*5.23*	
		For Elevated Installation >15' To 20', Add	*10.46*	
		For Elevated Installation >20' To 25', Add	*13.08*	
		For Elevated Installation >25' To 30', Add	*18.31*	
		For Elevated Installation >30' To 35', Add	*20.92*	
		For Elevated Installation >35' To 40', Add	*26.16*	
		For Elevated Installation >40', Add	*28.77*	
		For Work In Restricted Working Space, Add	*15.69*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1148	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Male To Female 90 Degree Malleable Elbow	165.30	30.28
		For Elevated Installation >10' To 15', Add	*6.06*	
		For Elevated Installation >15' To 20', Add	*12.11*	
		For Elevated Installation >20' To 25', Add	*15.14*	
		For Elevated Installation >25' To 30', Add	*21.20*	
		For Elevated Installation >30' To 35', Add	*24.23*	
		For Elevated Installation >35' To 40', Add	*30.29*	
		For Elevated Installation >40', Add	*33.31*	
		For Work In Restricted Working Space, Add	*18.17*	

26 05 33 13-1149 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 45 Degree Malleable Elbows *(26 05 33 13-0843)*

26 05 33 13-1150	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 45 Degree Malleable Elbow	79.73	17.21
		For Elevated Installation >10' To 15', Add	*3.44*	
		For Elevated Installation >15' To 20', Add	*6.88*	
		For Elevated Installation >20' To 25', Add	*8.60*	
		For Elevated Installation >25' To 30', Add	*12.04*	
		For Elevated Installation >30' To 35', Add	*13.76*	
		For Elevated Installation >35' To 40', Add	*17.21*	
		For Elevated Installation >40', Add	*18.93*	
		For Work In Restricted Working Space, Add	*10.32*	
26 05 33 13-1151	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 45 Degree Malleable Elbow	92.04	21.34
		For Elevated Installation >10' To 15', Add	*4.27*	
		For Elevated Installation >15' To 20', Add	*8.53*	
		For Elevated Installation >20' To 25', Add	*10.67*	
		For Elevated Installation >25' To 30', Add	*14.93*	
		For Elevated Installation >30' To 35', Add	*17.07*	
		For Elevated Installation >35' To 40', Add	*21.34*	
		For Elevated Installation >40', Add	*23.47*	
		For Work In Restricted Working Space, Add	*12.80*	
26 05 33 13-1152	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 45 Degree Malleable Elbow	118.85	26.15
		For Elevated Installation >10' To 15', Add	*5.23*	
		For Elevated Installation >15' To 20', Add	*10.46*	
		For Elevated Installation >20' To 25', Add	*13.08*	
		For Elevated Installation >25' To 30', Add	*18.31*	
		For Elevated Installation >30' To 35', Add	*20.92*	
		For Elevated Installation >35' To 40', Add	*26.16*	
		For Elevated Installation >40', Add	*28.77*	
		For Work In Restricted Working Space, Add	*15.69*	
26 05 33 13-1153	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 45 Degree Malleable Elbow	148.29	30.28
		For Elevated Installation >10' To 15', Add	*6.06*	
		For Elevated Installation >15' To 20', Add	*12.11*	
		For Elevated Installation >20' To 25', Add	*15.14*	
		For Elevated Installation >25' To 30', Add	*21.20*	
		For Elevated Installation >30' To 35', Add	*24.23*	
		For Elevated Installation >35' To 40', Add	*30.29*	
		For Elevated Installation >40', Add	*33.31*	
		For Work In Restricted Working Space, Add	*18.17*	
26 05 33 13-1154	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 45 Degree Malleable Elbow	173.55	34.41
		For Elevated Installation >10' To 15', Add	*6.88*	
		For Elevated Installation >15' To 20', Add	*13.76*	
		For Elevated Installation >20' To 25', Add	*17.21*	
		For Elevated Installation >25' To 30', Add	*24.09*	
		For Elevated Installation >30' To 35', Add	*27.53*	
		For Elevated Installation >35' To 40', Add	*34.41*	
		For Elevated Installation >40', Add	*37.85*	
		For Work In Restricted Working Space, Add	*20.65*	
26 05 33 13-1155	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 45 Degree Malleable Elbow	199.80	37.85
		For Elevated Installation >10' To 15', Add	*7.57*	
		For Elevated Installation >15' To 20', Add	*15.14*	
		For Elevated Installation >20' To 25', Add	*18.93*	
		For Elevated Installation >25' To 30', Add	*26.50*	
		For Elevated Installation >30' To 35', Add	*30.28*	
		For Elevated Installation >35' To 40', Add	*37.86*	
		For Elevated Installation >40', Add	*41.64*	
		For Work In Restricted Working Space, Add	*22.71*	
26 05 33 13-1156	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 45 Degree Malleable Elbow	371.66	47.49
		For Elevated Installation >10' To 15', Add	*9.50*	
		For Elevated Installation >15' To 20', Add	*19.00*	
		For Elevated Installation >20' To 25', Add	*23.75*	
		For Elevated Installation >25' To 30', Add	*33.24*	
		For Elevated Installation >30' To 35', Add	*37.99*	
		For Elevated Installation >35' To 40', Add	*47.49*	
		For Elevated Installation >40', Add	*52.24*	
		For Work In Restricted Working Space, Add	*28.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1157	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 45 Degree Malleable Elbow	426.61	64.70
		For Elevated Installation >10' To 15', Add	*12.94*	
		For Elevated Installation >15' To 20', Add	*25.88*	
		For Elevated Installation >20' To 25', Add	*32.35*	
		For Elevated Installation >25' To 30', Add	*45.29*	
		For Elevated Installation >30' To 35', Add	*51.76*	
		For Elevated Installation >35' To 40', Add	*64.70*	
		For Elevated Installation >40', Add	*71.16*	
		For Work In Restricted Working Space, Add	*38.82*	
26 05 33 13-1158	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 45 Degree Malleable Elbow	460.49	72.95
		For Elevated Installation >10' To 15', Add	*14.59*	
		For Elevated Installation >15' To 20', Add	*29.18*	
		For Elevated Installation >20' To 25', Add	*36.48*	
		For Elevated Installation >25' To 30', Add	*51.07*	
		For Elevated Installation >30' To 35', Add	*58.37*	
		For Elevated Installation >35' To 40', Add	*72.96*	
		For Elevated Installation >40', Add	*80.26*	
		For Work In Restricted Working Space, Add	*43.78*	
26 05 33 13-1159	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 45 Degree Malleable Elbow	568.43	94.98
		For Elevated Installation >10' To 15', Add	*19.00*	
		For Elevated Installation >15' To 20', Add	*37.99*	
		For Elevated Installation >20' To 25', Add	*47.49*	
		For Elevated Installation >25' To 30', Add	*66.49*	
		For Elevated Installation >30' To 35', Add	*75.98*	
		For Elevated Installation >35' To 40', Add	*94.98*	
		For Elevated Installation >40', Add	*104.48*	
		For Work In Restricted Working Space, Add	*56.99*	

26 05 33 13-1160 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Service Entrance Elbows *(26 05 33 13-0843)*

26 05 33 13-1161	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Service Entrance Elbow	166.71	33.04
		For Elevated Installation >10' To 15', Add	*6.61*	
		For Elevated Installation >15' To 20', Add	*13.22*	
		For Elevated Installation >20' To 25', Add	*16.52*	
		For Elevated Installation >25' To 30', Add	*23.13*	
		For Elevated Installation >30' To 35', Add	*26.43*	
		For Elevated Installation >35' To 40', Add	*33.04*	
		For Elevated Installation >40', Add	*36.34*	
		For Work In Restricted Working Space, Add	*19.82*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.82*	
26 05 33 13-1162	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Service Entrance Elbow	180.29	37.85
		For Elevated Installation >10' To 15', Add	*7.57*	
		For Elevated Installation >15' To 20', Add	*15.14*	
		For Elevated Installation >20' To 25', Add	*18.93*	
		For Elevated Installation >25' To 30', Add	*26.50*	
		For Elevated Installation >30' To 35', Add	*30.28*	
		For Elevated Installation >35' To 40', Add	*37.86*	
		For Elevated Installation >40', Add	*41.64*	
		For Work In Restricted Working Space, Add	*22.71*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.71*	
26 05 33 13-1163	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Service Entrance Elbow	197.49	43.37
		For Elevated Installation >10' To 15', Add	*8.67*	
		For Elevated Installation >15' To 20', Add	*17.34*	
		For Elevated Installation >20' To 25', Add	*21.68*	
		For Elevated Installation >25' To 30', Add	*30.35*	
		For Elevated Installation >30' To 35', Add	*34.69*	
		For Elevated Installation >35' To 40', Add	*43.36*	
		For Elevated Installation >40', Add	*47.70*	
		For Work In Restricted Working Space, Add	*26.02*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*26.02*	
26 05 33 13-1164	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Service Entrance Elbow	264.72	50.24
		For Elevated Installation >10' To 15', Add	*10.05*	
		For Elevated Installation >15' To 20', Add	*20.10*	
		For Elevated Installation >20' To 25', Add	*25.12*	
		For Elevated Installation >25' To 30', Add	*35.17*	
		For Elevated Installation >30' To 35', Add	*40.20*	
		For Elevated Installation >35' To 40', Add	*50.25*	
		For Elevated Installation >40', Add	*55.27*	
		For Work In Restricted Working Space, Add	*30.15*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*30.15*	
26 05 33 13-1165	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Service Entrance Elbow	336.24	55.07
		For Elevated Installation >10' To 15', Add	*11.01*	
		For Elevated Installation >15' To 20', Add	*22.02*	
		For Elevated Installation >20' To 25', Add	*27.53*	
		For Elevated Installation >25' To 30', Add	*38.54*	
		For Elevated Installation >30' To 35', Add	*44.05*	
		For Elevated Installation >35' To 40', Add	*55.06*	
		For Elevated Installation >40', Add	*60.57*	
		For Work In Restricted Working Space, Add	*33.04*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*33.04*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1166		Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAB, GUAC, GUAL, GUAN Junction Boxes With Cast Iron Cover *(26 05 33 13-0843)*		
26 05 33 13-1167	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAB, GUAC, GUAL, GUAN Junction Box With Cast Iron Cover	200.31	33.04
		For Elevated Installation >10' To 15', Add	*6.61*	
		For Elevated Installation >15' To 20', Add	*13.22*	
		For Elevated Installation >20' To 25', Add	*16.52*	
		For Elevated Installation >25' To 30', Add	*23.13*	
		For Elevated Installation >30' To 35', Add	*26.43*	
		For Elevated Installation >35' To 40', Add	*33.04*	
		For Elevated Installation >40', Add	*36.34*	
		For Work In Restricted Working Space, Add	*19.82*	
26 05 33 13-1168	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAB, GUAC, GUAL, GUAN Junction Box With Cast Iron Cover	215.95	37.85
		For Elevated Installation >10' To 15', Add	*7.57*	
		For Elevated Installation >15' To 20', Add	*15.14*	
		For Elevated Installation >20' To 25', Add	*18.93*	
		For Elevated Installation >25' To 30', Add	*26.50*	
		For Elevated Installation >30' To 35', Add	*30.28*	
		For Elevated Installation >35' To 40', Add	*37.86*	
		For Elevated Installation >40', Add	*41.64*	
		For Work In Restricted Working Space, Add	*22.71*	
26 05 33 13-1169	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAB, GUAC, GUAL, GUAN Junction Box With Cast Iron Cover	252.36	43.37
		For Elevated Installation >10' To 15', Add	*8.67*	
		For Elevated Installation >15' To 20', Add	*17.34*	
		For Elevated Installation >20' To 25', Add	*21.68*	
		For Elevated Installation >25' To 30', Add	*30.35*	
		For Elevated Installation >30' To 35', Add	*34.69*	
		For Elevated Installation >35' To 40', Add	*43.36*	
		For Elevated Installation >40', Add	*47.70*	
		For Work In Restricted Working Space, Add	*26.02*	
26 05 33 13-1170	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAB, GUAC, GUAL, GUAN Junction Box With Cast Iron Cover	359.97	50.24
		For Elevated Installation >10' To 15', Add	*10.05*	
		For Elevated Installation >15' To 20', Add	*20.10*	
		For Elevated Installation >20' To 25', Add	*25.12*	
		For Elevated Installation >25' To 30', Add	*35.17*	
		For Elevated Installation >30' To 35', Add	*40.20*	
		For Elevated Installation >35' To 40', Add	*50.25*	
		For Elevated Installation >40', Add	*55.27*	
		For Work In Restricted Working Space, Add	*30.15*	
26 05 33 13-1171	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAB, GUAC, GUAL, GUAN Junction Box With Cast Iron Cover	583.03	55.07
		For Elevated Installation >10' To 15', Add	*11.01*	
		For Elevated Installation >15' To 20', Add	*22.02*	
		For Elevated Installation >20' To 25', Add	*27.53*	
		For Elevated Installation >25' To 30', Add	*38.54*	
		For Elevated Installation >30' To 35', Add	*44.05*	
		For Elevated Installation >35' To 40', Add	*55.06*	
		For Elevated Installation >40', Add	*60.57*	
		For Work In Restricted Working Space, Add	*33.04*	
26 05 33 13-1172	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAB, GUAC, GUAL, GUAN Junction Box With Cast Iron Cover	630.41	66.08
		For Elevated Installation >10' To 15', Add	*13.22*	
		For Elevated Installation >15' To 20', Add	*26.43*	
		For Elevated Installation >20' To 25', Add	*33.04*	
		For Elevated Installation >25' To 30', Add	*46.25*	
		For Elevated Installation >30' To 35', Add	*52.86*	
		For Elevated Installation >35' To 40', Add	*66.08*	
		For Elevated Installation >40', Add	*72.68*	
		For Work In Restricted Working Space, Add	*39.65*	
26 05 33 13-1173		Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAT Junction Boxes With Cast Iron Cover *(26 05 33 13-0843)*		
26 05 33 13-1174	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAT Junction Box With Cast Iron Cover	219.37	33.04
		For Elevated Installation >10' To 15', Add	*6.61*	
		For Elevated Installation >15' To 20', Add	*13.22*	
		For Elevated Installation >20' To 25', Add	*16.52*	
		For Elevated Installation >25' To 30', Add	*23.13*	
		For Elevated Installation >30' To 35', Add	*26.43*	
		For Elevated Installation >35' To 40', Add	*33.04*	
		For Elevated Installation >40', Add	*36.34*	
		For Work In Restricted Working Space, Add	*19.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1175	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAT Junction Box With Cast Iron Cover	247.76	37.85
		For Elevated Installation >10' To 15', Add	*7.57*	
		For Elevated Installation >15' To 20', Add	*15.14*	
		For Elevated Installation >20' To 25', Add	*18.93*	
		For Elevated Installation >25' To 30', Add	*26.50*	
		For Elevated Installation >30' To 35', Add	*30.28*	
		For Elevated Installation >35' To 40', Add	*37.86*	
		For Elevated Installation >40', Add	*41.64*	
		For Work In Restricted Working Space, Add	*22.71*	
26 05 33 13-1176	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAT Junction Box With Cast Iron Cover	270.51	43.37
		For Elevated Installation >10' To 15', Add	*8.67*	
		For Elevated Installation >15' To 20', Add	*17.34*	
		For Elevated Installation >20' To 25', Add	*21.68*	
		For Elevated Installation >25' To 30', Add	*30.35*	
		For Elevated Installation >30' To 35', Add	*34.69*	
		For Elevated Installation >35' To 40', Add	*43.36*	
		For Elevated Installation >40', Add	*47.70*	
		For Work In Restricted Working Space, Add	*26.02*	
26 05 33 13-1177	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAT Junction Box With Cast Iron Cover	378.40	50.24
		For Elevated Installation >10' To 15', Add	*10.05*	
		For Elevated Installation >15' To 20', Add	*20.10*	
		For Elevated Installation >20' To 25', Add	*25.12*	
		For Elevated Installation >25' To 30', Add	*35.17*	
		For Elevated Installation >30' To 35', Add	*40.20*	
		For Elevated Installation >35' To 40', Add	*50.25*	
		For Elevated Installation >40', Add	*55.27*	
		For Work In Restricted Working Space, Add	*30.15*	
26 05 33 13-1178	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAT Junction Box With Cast Iron Cover	627.01	55.07
		For Elevated Installation >10' To 15', Add	*11.01*	
		For Elevated Installation >15' To 20', Add	*22.02*	
		For Elevated Installation >20' To 25', Add	*27.53*	
		For Elevated Installation >25' To 30', Add	*38.54*	
		For Elevated Installation >30' To 35', Add	*44.05*	
		For Elevated Installation >35' To 40', Add	*55.06*	
		For Elevated Installation >40', Add	*60.57*	
		For Work In Restricted Working Space, Add	*33.04*	
26 05 33 13-1179	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAT Junction Box With Cast Iron Cover	670.78	66.08
		For Elevated Installation >10' To 15', Add	*13.22*	
		For Elevated Installation >15' To 20', Add	*26.43*	
		For Elevated Installation >20' To 25', Add	*33.04*	
		For Elevated Installation >25' To 30', Add	*46.25*	
		For Elevated Installation >30' To 35', Add	*52.86*	
		For Elevated Installation >35' To 40', Add	*66.08*	
		For Elevated Installation >40', Add	*72.68*	
		For Work In Restricted Working Space, Add	*39.65*	

26 05 33 13-1180 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAW, GUAX Junction Boxes With Cast Iron Cover *(26 05 33 13-0843)*

26 05 33 13-1181	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAW, GUAX Junction Box With Cast Iron Cover	219.52	33.04
		For Elevated Installation >10' To 15', Add	*6.61*	
		For Elevated Installation >15' To 20', Add	*13.22*	
		For Elevated Installation >20' To 25', Add	*16.52*	
		For Elevated Installation >25' To 30', Add	*23.13*	
		For Elevated Installation >30' To 35', Add	*26.43*	
		For Elevated Installation >35' To 40', Add	*33.04*	
		For Elevated Installation >40', Add	*36.34*	
		For Work In Restricted Working Space, Add	*19.82*	
26 05 33 13-1182	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAW, GUAX Junction Box With Cast Iron Cover	242.13	37.85
		For Elevated Installation >10' To 15', Add	*7.57*	
		For Elevated Installation >15' To 20', Add	*15.14*	
		For Elevated Installation >20' To 25', Add	*18.93*	
		For Elevated Installation >25' To 30', Add	*26.50*	
		For Elevated Installation >30' To 35', Add	*30.28*	
		For Elevated Installation >35' To 40', Add	*37.86*	
		For Elevated Installation >40', Add	*41.64*	
		For Work In Restricted Working Space, Add	*22.71*	
26 05 33 13-1183	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAW, GUAX Junction Box With Cast Iron Cover	288.02	43.37
		For Elevated Installation >10' To 15', Add	*8.67*	
		For Elevated Installation >15' To 20', Add	*17.34*	
		For Elevated Installation >20' To 25', Add	*21.68*	
		For Elevated Installation >25' To 30', Add	*30.35*	
		For Elevated Installation >30' To 35', Add	*34.69*	
		For Elevated Installation >35' To 40', Add	*43.36*	
		For Elevated Installation >40', Add	*47.70*	
		For Work In Restricted Working Space, Add	*26.02*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1184	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAW, GUAX Junction Box With Cast Iron Cover	392.45	50.24
		For Elevated Installation >10' To 15', Add	*10.05*	
		For Elevated Installation >15' To 20', Add	*20.10*	
		For Elevated Installation >20' To 25', Add	*25.12*	
		For Elevated Installation >25' To 30', Add	*35.17*	
		For Elevated Installation >30' To 35', Add	*40.20*	
		For Elevated Installation >35' To 40', Add	*50.25*	
		For Elevated Installation >40', Add	*55.27*	
		For Work In Restricted Working Space, Add	*30.15*	
26 05 33 13-1185	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAW, GUAX Junction Box With Cast Iron Cover	647.97	55.07
		For Elevated Installation >10' To 15', Add	*11.01*	
		For Elevated Installation >15' To 20', Add	*22.02*	
		For Elevated Installation >20' To 25', Add	*27.53*	
		For Elevated Installation >25' To 30', Add	*38.54*	
		For Elevated Installation >30' To 35', Add	*44.05*	
		For Elevated Installation >35' To 40', Add	*55.06*	
		For Elevated Installation >40', Add	*60.57*	
		For Work In Restricted Working Space, Add	*33.04*	
26 05 33 13-1186	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAW, GUAX Junction Box With Cast Iron Cover	696.61	66.08
		For Elevated Installation >10' To 15', Add	*13.22*	
		For Elevated Installation >15' To 20', Add	*26.43*	
		For Elevated Installation >20' To 25', Add	*33.04*	
		For Elevated Installation >25' To 30', Add	*46.25*	
		For Elevated Installation >30' To 35', Add	*52.86*	
		For Elevated Installation >35' To 40', Add	*66.08*	
		For Elevated Installation >40', Add	*72.68*	
		For Work In Restricted Working Space, Add	*39.65*	

26 05 33 13-1187 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAD Junction Boxes With Cast Iron Cover *(26 05 33 13-0843)*

26 05 33 13-1188	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAD Junction Box With Cast Iron Cover	272.31	33.04
		For Elevated Installation >10' To 15', Add	*6.61*	
		For Elevated Installation >15' To 20', Add	*13.22*	
		For Elevated Installation >20' To 25', Add	*16.52*	
		For Elevated Installation >25' To 30', Add	*23.13*	
		For Elevated Installation >30' To 35', Add	*26.43*	
		For Elevated Installation >35' To 40', Add	*33.04*	
		For Elevated Installation >40', Add	*36.34*	
		For Work In Restricted Working Space, Add	*19.82*	
26 05 33 13-1189	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAD Junction Box With Cast Iron Cover	300.81	37.85
		For Elevated Installation >10' To 15', Add	*7.57*	
		For Elevated Installation >15' To 20', Add	*15.14*	
		For Elevated Installation >20' To 25', Add	*18.93*	
		For Elevated Installation >25' To 30', Add	*26.50*	
		For Elevated Installation >30' To 35', Add	*30.28*	
		For Elevated Installation >35' To 40', Add	*37.86*	
		For Elevated Installation >40', Add	*41.64*	
		For Work In Restricted Working Space, Add	*22.71*	
26 05 33 13-1190	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAD Junction Box With Cast Iron Cover	326.18	43.37
		For Elevated Installation >10' To 15', Add	*8.67*	
		For Elevated Installation >15' To 20', Add	*17.34*	
		For Elevated Installation >20' To 25', Add	*21.68*	
		For Elevated Installation >25' To 30', Add	*30.35*	
		For Elevated Installation >30' To 35', Add	*34.69*	
		For Elevated Installation >35' To 40', Add	*43.36*	
		For Elevated Installation >40', Add	*47.70*	
		For Work In Restricted Working Space, Add	*26.02*	
26 05 33 13-1191	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAD Junction Box With Cast Iron Cover	819.07	50.24
		For Elevated Installation >10' To 15', Add	*10.05*	
		For Elevated Installation >15' To 20', Add	*20.10*	
		For Elevated Installation >20' To 25', Add	*25.12*	
		For Elevated Installation >25' To 30', Add	*35.17*	
		For Elevated Installation >30' To 35', Add	*40.20*	
		For Elevated Installation >35' To 40', Add	*50.25*	
		For Elevated Installation >40', Add	*55.27*	
		For Work In Restricted Working Space, Add	*30.15*	

26 05 33 13-1192 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FS Series Junction Boxes *(26 05 33 13-0843)*

Note: Excludes cover.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1193	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FS Series Junction Box	131.56	33.04
		For Elevated Installation >10' To 15', Add	*6.61*	
		For Elevated Installation >15' To 20', Add	*13.22*	
		For Elevated Installation >20' To 25', Add	*16.52*	
		For Elevated Installation >25' To 30', Add	*23.13*	
		For Elevated Installation >30' To 35', Add	*26.43*	
		For Elevated Installation >35' To 40', Add	*33.04*	
		For Elevated Installation >40', Add	*36.34*	
		For Work In Restricted Working Space, Add	*19.82*	
26 05 33 13-1194	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FS Series Junction Box	144.73	37.85
		For Elevated Installation >10' To 15', Add	*7.57*	
		For Elevated Installation >15' To 20', Add	*15.14*	
		For Elevated Installation >20' To 25', Add	*18.93*	
		For Elevated Installation >25' To 30', Add	*26.50*	
		For Elevated Installation >30' To 35', Add	*30.28*	
		For Elevated Installation >35' To 40', Add	*37.86*	
		For Elevated Installation >40', Add	*41.64*	
		For Work In Restricted Working Space, Add	*22.71*	
26 05 33 13-1195	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FS Series Junction Box	161.66	43.37
		For Elevated Installation >10' To 15', Add	*8.67*	
		For Elevated Installation >15' To 20', Add	*17.34*	
		For Elevated Installation >20' To 25', Add	*21.68*	
		For Elevated Installation >25' To 30', Add	*30.35*	
		For Elevated Installation >30' To 35', Add	*34.69*	
		For Elevated Installation >35' To 40', Add	*43.36*	
		For Elevated Installation >40', Add	*47.70*	
		For Work In Restricted Working Space, Add	*26.02*	
26 05 33 13-1196	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FS Series Junction Box	145.87	33.04
		For Elevated Installation >10' To 15', Add	*6.61*	
		For Elevated Installation >15' To 20', Add	*13.22*	
		For Elevated Installation >20' To 25', Add	*16.52*	
		For Elevated Installation >25' To 30', Add	*23.13*	
		For Elevated Installation >30' To 35', Add	*26.43*	
		For Elevated Installation >35' To 40', Add	*33.04*	
		For Elevated Installation >40', Add	*36.34*	
		For Work In Restricted Working Space, Add	*19.82*	
26 05 33 13-1197	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FS Series Junction Box	157.25	37.85
		For Elevated Installation >10' To 15', Add	*7.57*	
		For Elevated Installation >15' To 20', Add	*15.14*	
		For Elevated Installation >20' To 25', Add	*18.93*	
		For Elevated Installation >25' To 30', Add	*26.50*	
		For Elevated Installation >30' To 35', Add	*30.28*	
		For Elevated Installation >35' To 40', Add	*37.86*	
		For Elevated Installation >40', Add	*41.64*	
		For Work In Restricted Working Space, Add	*22.71*	
26 05 33 13-1198	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FS Series Junction Box	179.05	43.37
		For Elevated Installation >10' To 15', Add	*8.67*	
		For Elevated Installation >15' To 20', Add	*17.34*	
		For Elevated Installation >20' To 25', Add	*21.68*	
		For Elevated Installation >25' To 30', Add	*30.35*	
		For Elevated Installation >30' To 35', Add	*34.69*	
		For Elevated Installation >35' To 40', Add	*43.36*	
		For Elevated Installation >40', Add	*47.70*	
		For Work In Restricted Working Space, Add	*26.02*	

26 05 33 13-1199 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FD Series Junction Boxes *(26 05 33 13-0843)*

Note: Excludes cover.

26 05 33 13-1200	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FD Series Junction Box	138.32	33.04
		For Elevated Installation >10' To 15', Add	*6.61*	
		For Elevated Installation >15' To 20', Add	*13.22*	
		For Elevated Installation >20' To 25', Add	*16.52*	
		For Elevated Installation >25' To 30', Add	*23.13*	
		For Elevated Installation >30' To 35', Add	*26.43*	
		For Elevated Installation >35' To 40', Add	*33.04*	
		For Elevated Installation >40', Add	*36.34*	
		For Work In Restricted Working Space, Add	*19.82*	
26 05 33 13-1201	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FD Series Junction Box	152.34	37.85
		For Elevated Installation >10' To 15', Add	*7.57*	
		For Elevated Installation >15' To 20', Add	*15.14*	
		For Elevated Installation >20' To 25', Add	*18.93*	
		For Elevated Installation >25' To 30', Add	*26.50*	
		For Elevated Installation >30' To 35', Add	*30.28*	
		For Elevated Installation >35' To 40', Add	*37.86*	
		For Elevated Installation >40', Add	*41.64*	
		For Work In Restricted Working Space, Add	*22.71*	
26 05 33 13-1202	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FD Series Junction Box	166.92	43.37
		For Elevated Installation >10' To 15', Add	*8.67*	
		For Elevated Installation >15' To 20', Add	*17.34*	
		For Elevated Installation >20' To 25', Add	*21.68*	
		For Elevated Installation >25' To 30', Add	*30.35*	
		For Elevated Installation >30' To 35', Add	*34.69*	
		For Elevated Installation >35' To 40', Add	*43.36*	
		For Elevated Installation >40', Add	*47.70*	
		For Work In Restricted Working Space, Add	*26.02*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1203	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FD Series Junction Box	155.55	33.04
		For Elevated Installation >10' To 15', Add	*6.61*	
		For Elevated Installation >15' To 20', Add	*13.22*	
		For Elevated Installation >20' To 25', Add	*16.52*	
		For Elevated Installation >25' To 30', Add	*23.13*	
		For Elevated Installation >30' To 35', Add	*26.43*	
		For Elevated Installation >35' To 40', Add	*33.04*	
		For Elevated Installation >40', Add	*36.34*	
		For Work In Restricted Working Space, Add	*19.82*	
26 05 33 13-1204	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FD Series Junction Box	169.74	37.85
		For Elevated Installation >10' To 15', Add	*7.57*	
		For Elevated Installation >15' To 20', Add	*15.14*	
		For Elevated Installation >20' To 25', Add	*18.93*	
		For Elevated Installation >25' To 30', Add	*26.50*	
		For Elevated Installation >30' To 35', Add	*30.28*	
		For Elevated Installation >35' To 40', Add	*37.86*	
		For Elevated Installation >40', Add	*41.64*	
		For Work In Restricted Working Space, Add	*22.71*	
26 05 33 13-1205	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FD Series Junction Box	191.91	43.37
		For Elevated Installation >10' To 15', Add	*8.67*	
		For Elevated Installation >15' To 20', Add	*17.34*	
		For Elevated Installation >20' To 25', Add	*21.68*	
		For Elevated Installation >25' To 30', Add	*30.35*	
		For Elevated Installation >30' To 35', Add	*34.69*	
		For Elevated Installation >35' To 40', Add	*43.36*	
		For Elevated Installation >40', Add	*47.70*	
		For Work In Restricted Working Space, Add	*26.02*	

26 05 33 13-1206 Polyvinyl Chloride (PVC) Coated, Urethane Lined, FS And FD Series Covers *(26 05 33 13-0843)*

26 05 33 13-1207	EA	Polyvinyl Chloride (PVC) Coated, Urethane Lined, DS23, FS And FD Series Cover	48.77	4.13
		For Elevated Installation >10' To 15', Add	*0.83*	
		For Elevated Installation >15' To 20', Add	*1.65*	
		For Elevated Installation >20' To 25', Add	*2.07*	
		For Elevated Installation >25' To 30', Add	*2.89*	
		For Elevated Installation >30' To 35', Add	*3.30*	
		For Elevated Installation >35' To 40', Add	*4.13*	
		For Elevated Installation >40', Add	*4.54*	
		For Work In Restricted Working Space, Add	*2.48*	
26 05 33 13-1208	EA	Polyvinyl Chloride (PVC) Coated, Urethane Lined, DS21G, FS And FD Series Cover	66.31	4.82
		For Elevated Installation >10' To 15', Add	*0.96*	
		For Elevated Installation >15' To 20', Add	*1.93*	
		For Elevated Installation >20' To 25', Add	*2.41*	
		For Elevated Installation >25' To 30', Add	*3.37*	
		For Elevated Installation >30' To 35', Add	*3.86*	
		For Elevated Installation >35' To 40', Add	*4.82*	
		For Elevated Installation >40', Add	*5.30*	
		For Work In Restricted Working Space, Add	*2.89*	
26 05 33 13-1209	EA	Polyvinyl Chloride (PVC) Coated, Urethane Lined, DS32G, FS And FD Series Cover	62.60	4.82
		For Elevated Installation >10' To 15', Add	*0.96*	
		For Elevated Installation >15' To 20', Add	*1.93*	
		For Elevated Installation >20' To 25', Add	*2.41*	
		For Elevated Installation >25' To 30', Add	*3.37*	
		For Elevated Installation >30' To 35', Add	*3.86*	
		For Elevated Installation >35' To 40', Add	*4.82*	
		For Elevated Installation >40', Add	*5.30*	
		For Work In Restricted Working Space, Add	*2.89*	
26 05 33 13-1210	EA	Polyvinyl Chloride (PVC) Coated, Urethane Lined, DS100G, FS And FD Series Cover	55.66	4.82
		For Elevated Installation >10' To 15', Add	*0.96*	
		For Elevated Installation >15' To 20', Add	*1.93*	
		For Elevated Installation >20' To 25', Add	*2.41*	
		For Elevated Installation >25' To 30', Add	*3.37*	
		For Elevated Installation >30' To 35', Add	*3.86*	
		For Elevated Installation >35' To 40', Add	*4.82*	
		For Elevated Installation >40', Add	*5.30*	
		For Work In Restricted Working Space, Add	*2.89*	
26 05 33 13-1211	EA	Polyvinyl Chloride (PVC) Coated, Urethane Lined, WLRD1, FS And FD Series Cover	270.92	6.88
		For Elevated Installation >10' To 15', Add	*1.38*	
		For Elevated Installation >15' To 20', Add	*2.75*	
		For Elevated Installation >20' To 25', Add	*3.44*	
		For Elevated Installation >25' To 30', Add	*4.82*	
		For Elevated Installation >30' To 35', Add	*5.51*	
		For Elevated Installation >35' To 40', Add	*6.89*	
		For Elevated Installation >40', Add	*7.57*	
		For Work In Restricted Working Space, Add	*4.13*	
26 05 33 13-1212	EA	Polyvinyl Chloride (PVC) Coated, Urethane Lined, WLRS1, FS And FD Series Cover	240.84	6.88
		For Elevated Installation >10' To 15', Add	*1.38*	
		For Elevated Installation >15' To 20', Add	*2.75*	
		For Elevated Installation >20' To 25', Add	*3.44*	
		For Elevated Installation >25' To 30', Add	*4.82*	
		For Elevated Installation >30' To 35', Add	*5.51*	
		For Elevated Installation >35' To 40', Add	*6.89*	
		For Elevated Installation >40', Add	*7.57*	
		For Work In Restricted Working Space, Add	*4.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1213		Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Mogul Conduit Bodies *(26 05 33 13-0843)*		
		Note: Includes covers.		
26 05 33 13-1214	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BC Mogul Conduit Body	284.14	43.37
		For Elevated Installation >10' To 15', Add	*8.67*	
		For Elevated Installation >15' To 20', Add	*17.34*	
		For Elevated Installation >20' To 25', Add	*21.68*	
		For Elevated Installation >25' To 30', Add	*30.35*	
		For Elevated Installation >30' To 35', Add	*34.69*	
		For Elevated Installation >35' To 40', Add	*43.36*	
		For Elevated Installation >40', Add	*47.70*	
		For Work In Restricted Working Space, Add	*26.02*	
26 05 33 13-1215	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BC Mogul Conduit Body	319.21	50.24
		For Elevated Installation >10' To 15', Add	*10.05*	
		For Elevated Installation >15' To 20', Add	*20.10*	
		For Elevated Installation >20' To 25', Add	*25.12*	
		For Elevated Installation >25' To 30', Add	*35.17*	
		For Elevated Installation >30' To 35', Add	*40.20*	
		For Elevated Installation >35' To 40', Add	*50.25*	
		For Elevated Installation >40', Add	*55.27*	
		For Work In Restricted Working Space, Add	*30.15*	
26 05 33 13-1216	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BC Mogul Conduit Body	440.31	55.07
		For Elevated Installation >10' To 15', Add	*11.01*	
		For Elevated Installation >15' To 20', Add	*22.02*	
		For Elevated Installation >20' To 25', Add	*27.53*	
		For Elevated Installation >25' To 30', Add	*38.54*	
		For Elevated Installation >30' To 35', Add	*44.05*	
		For Elevated Installation >35' To 40', Add	*55.06*	
		For Elevated Installation >40', Add	*60.57*	
		For Work In Restricted Working Space, Add	*33.04*	
26 05 33 13-1217	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BC Mogul Conduit Body	524.69	66.08
		For Elevated Installation >10' To 15', Add	*13.22*	
		For Elevated Installation >15' To 20', Add	*26.43*	
		For Elevated Installation >20' To 25', Add	*33.04*	
		For Elevated Installation >25' To 30', Add	*46.25*	
		For Elevated Installation >30' To 35', Add	*52.86*	
		For Elevated Installation >35' To 40', Add	*66.08*	
		For Elevated Installation >40', Add	*72.68*	
		For Work In Restricted Working Space, Add	*39.65*	
26 05 33 13-1218	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BC Mogul Conduit Body	757.91	92.92
		For Elevated Installation >10' To 15', Add	*18.58*	
		For Elevated Installation >15' To 20', Add	*37.17*	
		For Elevated Installation >20' To 25', Add	*46.46*	
		For Elevated Installation >25' To 30', Add	*65.04*	
		For Elevated Installation >30' To 35', Add	*74.33*	
		For Elevated Installation >35' To 40', Add	*92.92*	
		For Elevated Installation >40', Add	*102.21*	
		For Work In Restricted Working Space, Add	*55.75*	
26 05 33 13-1219	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BC Mogul Conduit Body	956.54	123.89
		For Elevated Installation >10' To 15', Add	*24.78*	
		For Elevated Installation >15' To 20', Add	*49.56*	
		For Elevated Installation >20' To 25', Add	*61.95*	
		For Elevated Installation >25' To 30', Add	*86.72*	
		For Elevated Installation >30' To 35', Add	*99.11*	
		For Elevated Installation >35' To 40', Add	*123.89*	
		For Elevated Installation >40', Add	*136.28*	
		For Work In Restricted Working Space, Add	*74.33*	
26 05 33 13-1220	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BC Mogul Conduit Body	1,401.29	154.86
		For Elevated Installation >10' To 15', Add	*30.97*	
		For Elevated Installation >15' To 20', Add	*61.94*	
		For Elevated Installation >20' To 25', Add	*77.43*	
		For Elevated Installation >25' To 30', Add	*108.40*	
		For Elevated Installation >30' To 35', Add	*123.89*	
		For Elevated Installation >35' To 40', Add	*154.86*	
		For Elevated Installation >40', Add	*170.35*	
		For Work In Restricted Working Space, Add	*92.92*	
26 05 33 13-1221	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BC Mogul Conduit Body	1,738.63	188.59
		For Elevated Installation >10' To 15', Add	*37.72*	
		For Elevated Installation >15' To 20', Add	*75.44*	
		For Elevated Installation >20' To 25', Add	*94.30*	
		For Elevated Installation >25' To 30', Add	*132.01*	
		For Elevated Installation >30' To 35', Add	*150.87*	
		For Elevated Installation >35' To 40', Add	*188.59*	
		For Elevated Installation >40', Add	*207.45*	
		For Work In Restricted Working Space, Add	*113.15*	
26 05 33 13-1222	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BLB Mogul Conduit Body	284.14	43.37
		For Elevated Installation >10' To 15', Add	*8.67*	
		For Elevated Installation >15' To 20', Add	*17.34*	
		For Elevated Installation >20' To 25', Add	*21.68*	
		For Elevated Installation >25' To 30', Add	*30.35*	
		For Elevated Installation >30' To 35', Add	*34.69*	
		For Elevated Installation >35' To 40', Add	*43.36*	
		For Elevated Installation >40', Add	*47.70*	
		For Work In Restricted Working Space, Add	*26.02*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1223	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BLB Mogul Conduit Body	319.21	50.24
		For Elevated Installation >10' To 15', Add	*10.05*	
		For Elevated Installation >15' To 20', Add	*20.10*	
		For Elevated Installation >20' To 25', Add	*25.12*	
		For Elevated Installation >25' To 30', Add	*35.17*	
		For Elevated Installation >30' To 35', Add	*40.20*	
		For Elevated Installation >35' To 40', Add	*50.25*	
		For Elevated Installation >40', Add	*55.27*	
		For Work In Restricted Working Space, Add	*30.15*	
26 05 33 13-1224	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BLB Mogul Conduit Body	439.10	55.07
		For Elevated Installation >10' To 15', Add	*11.01*	
		For Elevated Installation >15' To 20', Add	*22.02*	
		For Elevated Installation >20' To 25', Add	*27.53*	
		For Elevated Installation >25' To 30', Add	*38.54*	
		For Elevated Installation >30' To 35', Add	*44.05*	
		For Elevated Installation >35' To 40', Add	*55.06*	
		For Elevated Installation >40', Add	*60.57*	
		For Work In Restricted Working Space, Add	*33.04*	
26 05 33 13-1225	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BLB Mogul Conduit Body	512.44	66.08
		For Elevated Installation >10' To 15', Add	*13.22*	
		For Elevated Installation >15' To 20', Add	*26.43*	
		For Elevated Installation >20' To 25', Add	*33.04*	
		For Elevated Installation >25' To 30', Add	*46.25*	
		For Elevated Installation >30' To 35', Add	*52.86*	
		For Elevated Installation >35' To 40', Add	*66.08*	
		For Elevated Installation >40', Add	*72.68*	
		For Work In Restricted Working Space, Add	*39.65*	
26 05 33 13-1226	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BLB Mogul Conduit Body	769.19	92.92
		For Elevated Installation >10' To 15', Add	*18.58*	
		For Elevated Installation >15' To 20', Add	*37.17*	
		For Elevated Installation >20' To 25', Add	*46.46*	
		For Elevated Installation >25' To 30', Add	*65.04*	
		For Elevated Installation >30' To 35', Add	*74.33*	
		For Elevated Installation >35' To 40', Add	*92.92*	
		For Elevated Installation >40', Add	*102.21*	
		For Work In Restricted Working Space, Add	*55.75*	
26 05 33 13-1227	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BLB Mogul Conduit Body	1,007.14	123.89
		For Elevated Installation >10' To 15', Add	*24.78*	
		For Elevated Installation >15' To 20', Add	*49.56*	
		For Elevated Installation >20' To 25', Add	*61.95*	
		For Elevated Installation >25' To 30', Add	*86.72*	
		For Elevated Installation >30' To 35', Add	*99.11*	
		For Elevated Installation >35' To 40', Add	*123.89*	
		For Elevated Installation >40', Add	*136.28*	
		For Work In Restricted Working Space, Add	*74.33*	
26 05 33 13-1228	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BLB Mogul Conduit Body	1,462.37	154.86
		For Elevated Installation >10' To 15', Add	*30.97*	
		For Elevated Installation >15' To 20', Add	*61.94*	
		For Elevated Installation >20' To 25', Add	*77.43*	
		For Elevated Installation >25' To 30', Add	*108.40*	
		For Elevated Installation >30' To 35', Add	*123.89*	
		For Elevated Installation >35' To 40', Add	*154.86*	
		For Elevated Installation >40', Add	*170.35*	
		For Work In Restricted Working Space, Add	*92.92*	
26 05 33 13-1229	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BLB Mogul Conduit Body	1,776.67	188.59
		For Elevated Installation >10' To 15', Add	*37.72*	
		For Elevated Installation >15' To 20', Add	*75.44*	
		For Elevated Installation >20' To 25', Add	*94.30*	
		For Elevated Installation >25' To 30', Add	*132.01*	
		For Elevated Installation >30' To 35', Add	*150.87*	
		For Elevated Installation >35' To 40', Add	*188.59*	
		For Elevated Installation >40', Add	*207.45*	
		For Work In Restricted Working Space, Add	*113.15*	
26 05 33 13-1230	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BT Mogul Conduit Body	284.14	43.37
		For Elevated Installation >10' To 15', Add	*8.67*	
		For Elevated Installation >15' To 20', Add	*17.34*	
		For Elevated Installation >20' To 25', Add	*21.68*	
		For Elevated Installation >25' To 30', Add	*30.35*	
		For Elevated Installation >30' To 35', Add	*34.69*	
		For Elevated Installation >35' To 40', Add	*43.36*	
		For Elevated Installation >40', Add	*47.70*	
		For Work In Restricted Working Space, Add	*26.02*	
26 05 33 13-1231	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BT Mogul Conduit Body	319.21	50.24
		For Elevated Installation >10' To 15', Add	*10.05*	
		For Elevated Installation >15' To 20', Add	*20.10*	
		For Elevated Installation >20' To 25', Add	*25.12*	
		For Elevated Installation >25' To 30', Add	*35.17*	
		For Elevated Installation >30' To 35', Add	*40.20*	
		For Elevated Installation >35' To 40', Add	*50.25*	
		For Elevated Installation >40', Add	*55.27*	
		For Work In Restricted Working Space, Add	*30.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1232	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BT Mogul Conduit Body	439.10	55.07
		For Elevated Installation >10' To 15', Add	*11.01*	
		For Elevated Installation >15' To 20', Add	*22.02*	
		For Elevated Installation >20' To 25', Add	*27.53*	
		For Elevated Installation >25' To 30', Add	*38.54*	
		For Elevated Installation >30' To 35', Add	*44.05*	
		For Elevated Installation >35' To 40', Add	*55.06*	
		For Elevated Installation >40', Add	*60.57*	
		For Work In Restricted Working Space, Add	*33.04*	
26 05 33 13-1233	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BT Mogul Conduit Body	512.44	66.08
		For Elevated Installation >10' To 15', Add	*13.22*	
		For Elevated Installation >15' To 20', Add	*26.43*	
		For Elevated Installation >20' To 25', Add	*33.04*	
		For Elevated Installation >25' To 30', Add	*46.25*	
		For Elevated Installation >30' To 35', Add	*52.86*	
		For Elevated Installation >35' To 40', Add	*66.08*	
		For Elevated Installation >40', Add	*72.68*	
		For Work In Restricted Working Space, Add	*39.65*	
26 05 33 13-1234	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BT Mogul Conduit Body	769.19	92.92
		For Elevated Installation >10' To 15', Add	*18.58*	
		For Elevated Installation >15' To 20', Add	*37.17*	
		For Elevated Installation >20' To 25', Add	*46.46*	
		For Elevated Installation >25' To 30', Add	*65.04*	
		For Elevated Installation >30' To 35', Add	*74.33*	
		For Elevated Installation >35' To 40', Add	*92.92*	
		For Elevated Installation >40', Add	*102.21*	
		For Work In Restricted Working Space, Add	*55.75*	
26 05 33 13-1235	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BT Mogul Conduit Body	1,007.14	123.89
		For Elevated Installation >10' To 15', Add	*24.78*	
		For Elevated Installation >15' To 20', Add	*49.56*	
		For Elevated Installation >20' To 25', Add	*61.95*	
		For Elevated Installation >25' To 30', Add	*86.72*	
		For Elevated Installation >30' To 35', Add	*99.11*	
		For Elevated Installation >35' To 40', Add	*123.89*	
		For Elevated Installation >40', Add	*136.28*	
		For Work In Restricted Working Space, Add	*74.33*	
26 05 33 13-1236	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BT Mogul Conduit Body	1,462.37	154.86
		For Elevated Installation >10' To 15', Add	*30.97*	
		For Elevated Installation >15' To 20', Add	*61.94*	
		For Elevated Installation >20' To 25', Add	*77.43*	
		For Elevated Installation >25' To 30', Add	*108.40*	
		For Elevated Installation >30' To 35', Add	*123.89*	
		For Elevated Installation >35' To 40', Add	*154.86*	
		For Elevated Installation >40', Add	*170.35*	
		For Work In Restricted Working Space, Add	*92.92*	
26 05 33 13-1237	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BT Mogul Conduit Body	1,776.67	188.59
		For Elevated Installation >10' To 15', Add	*37.72*	
		For Elevated Installation >15' To 20', Add	*75.44*	
		For Elevated Installation >20' To 25', Add	*94.30*	
		For Elevated Installation >25' To 30', Add	*132.01*	
		For Elevated Installation >30' To 35', Add	*150.87*	
		For Elevated Installation >35' To 40', Add	*188.59*	
		For Elevated Installation >40', Add	*207.45*	
		For Work In Restricted Working Space, Add	*113.15*	
26 05 33 13-1238	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BUB Mogul Conduit Body	284.14	43.37
		For Elevated Installation >10' To 15', Add	*8.67*	
		For Elevated Installation >15' To 20', Add	*17.34*	
		For Elevated Installation >20' To 25', Add	*21.68*	
		For Elevated Installation >25' To 30', Add	*30.35*	
		For Elevated Installation >30' To 35', Add	*34.69*	
		For Elevated Installation >35' To 40', Add	*43.36*	
		For Elevated Installation >40', Add	*47.70*	
		For Work In Restricted Working Space, Add	*26.02*	
26 05 33 13-1239	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BUB Mogul Conduit Body	319.21	50.24
		For Elevated Installation >10' To 15', Add	*10.05*	
		For Elevated Installation >15' To 20', Add	*20.10*	
		For Elevated Installation >20' To 25', Add	*25.12*	
		For Elevated Installation >25' To 30', Add	*35.17*	
		For Elevated Installation >30' To 35', Add	*40.20*	
		For Elevated Installation >35' To 40', Add	*50.25*	
		For Elevated Installation >40', Add	*55.27*	
		For Work In Restricted Working Space, Add	*30.15*	
26 05 33 13-1240	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BUB Mogul Conduit Body	440.31	55.07
		For Elevated Installation >10' To 15', Add	*11.01*	
		For Elevated Installation >15' To 20', Add	*22.02*	
		For Elevated Installation >20' To 25', Add	*27.53*	
		For Elevated Installation >25' To 30', Add	*38.54*	
		For Elevated Installation >30' To 35', Add	*44.05*	
		For Elevated Installation >35' To 40', Add	*55.06*	
		For Elevated Installation >40', Add	*60.57*	
		For Work In Restricted Working Space, Add	*33.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1241	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BUB Mogul Conduit Body	519.04	66.08
		For Elevated Installation >10' To 15', Add	*13.22*	
		For Elevated Installation >15' To 20', Add	*26.43*	
		For Elevated Installation >20' To 25', Add	*33.04*	
		For Elevated Installation >25' To 30', Add	*46.25*	
		For Elevated Installation >30' To 35', Add	*52.86*	
		For Elevated Installation >35' To 40', Add	*66.08*	
		For Elevated Installation >40', Add	*72.68*	
		For Work In Restricted Working Space, Add	*39.65*	
26 05 33 13-1242	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BUB Mogul Conduit Body	757.91	92.92
		For Elevated Installation >10' To 15', Add	*18.58*	
		For Elevated Installation >15' To 20', Add	*37.17*	
		For Elevated Installation >20' To 25', Add	*46.46*	
		For Elevated Installation >25' To 30', Add	*65.04*	
		For Elevated Installation >30' To 35', Add	*74.33*	
		For Elevated Installation >35' To 40', Add	*92.92*	
		For Elevated Installation >40', Add	*102.21*	
		For Work In Restricted Working Space, Add	*55.75*	
26 05 33 13-1243	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BUB Mogul Conduit Body	956.54	123.89
		For Elevated Installation >10' To 15', Add	*24.78*	
		For Elevated Installation >15' To 20', Add	*49.56*	
		For Elevated Installation >20' To 25', Add	*61.95*	
		For Elevated Installation >25' To 30', Add	*86.72*	
		For Elevated Installation >30' To 35', Add	*99.11*	
		For Elevated Installation >35' To 40', Add	*123.89*	
		For Elevated Installation >40', Add	*136.28*	
		For Work In Restricted Working Space, Add	*74.33*	
26 05 33 13-1244	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BUB Mogul Conduit Body	1,401.29	154.86
		For Elevated Installation >10' To 15', Add	*30.97*	
		For Elevated Installation >15' To 20', Add	*61.94*	
		For Elevated Installation >20' To 25', Add	*77.43*	
		For Elevated Installation >25' To 30', Add	*108.40*	
		For Elevated Installation >30' To 35', Add	*123.89*	
		For Elevated Installation >35' To 40', Add	*154.86*	
		For Elevated Installation >40', Add	*170.35*	
		For Work In Restricted Working Space, Add	*92.92*	
26 05 33 13-1245	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BUB Mogul Conduit Body	1,754.47	188.59
		For Elevated Installation >10' To 15', Add	*37.72*	
		For Elevated Installation >15' To 20', Add	*75.44*	
		For Elevated Installation >20' To 25', Add	*94.30*	
		For Elevated Installation >25' To 30', Add	*132.01*	
		For Elevated Installation >30' To 35', Add	*150.87*	
		For Elevated Installation >35' To 40', Add	*188.59*	
		For Elevated Installation >40', Add	*207.45*	
		For Work In Restricted Working Space, Add	*113.15*	

26 05 33 13-1246 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Replacement Rigid Galvanized Steel (RGS) Mogul Covers *(26 05 33 13-0843)*

26 05 33 13-1247	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Replacement Rigid Galvanized Steel (RGS) Mogul Cover	141.01	6.20
		For Elevated Installation >10' To 15', Add	*1.24*	
		For Elevated Installation >15' To 20', Add	*2.48*	
		For Elevated Installation >20' To 25', Add	*3.10*	
		For Elevated Installation >25' To 30', Add	*4.34*	
		For Elevated Installation >30' To 35', Add	*4.96*	
		For Elevated Installation >35' To 40', Add	*6.20*	
		For Elevated Installation >40', Add	*6.81*	
		For Work In Restricted Working Space, Add	*3.72*	
26 05 33 13-1248	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Replacement Rigid Galvanized Steel (RGS) Mogul Cover	142.39	6.88
		For Elevated Installation >10' To 15', Add	*1.38*	
		For Elevated Installation >15' To 20', Add	*2.75*	
		For Elevated Installation >20' To 25', Add	*3.44*	
		For Elevated Installation >25' To 30', Add	*4.82*	
		For Elevated Installation >30' To 35', Add	*5.51*	
		For Elevated Installation >35' To 40', Add	*6.89*	
		For Elevated Installation >40', Add	*7.57*	
		For Work In Restricted Working Space, Add	*4.13*	
26 05 33 13-1249	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Replacement Rigid Galvanized Steel (RGS) Mogul Cover	201.29	9.64
		For Elevated Installation >10' To 15', Add	*1.93*	
		For Elevated Installation >15' To 20', Add	*3.85*	
		For Elevated Installation >20' To 25', Add	*4.82*	
		For Elevated Installation >25' To 30', Add	*6.74*	
		For Elevated Installation >30' To 35', Add	*7.71*	
		For Elevated Installation >35' To 40', Add	*9.64*	
		For Elevated Installation >40', Add	*10.60*	
		For Work In Restricted Working Space, Add	*5.78*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1250	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Replacement Rigid Galvanized Steel (RGS) Mogul Cover	204.05	11.01
		For Elevated Installation >10' To 15', Add	*2.20*	
		For Elevated Installation >15' To 20', Add	*4.41*	
		For Elevated Installation >20' To 25', Add	*5.51*	
		For Elevated Installation >25' To 30', Add	*7.71*	
		For Elevated Installation >30' To 35', Add	*8.81*	
		For Elevated Installation >35' To 40', Add	*11.02*	
		For Elevated Installation >40', Add	*12.12*	
		For Work In Restricted Working Space, Add	*6.61*	
26 05 33 13-1251	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Replacement Rigid Galvanized Steel (RGS) Mogul Cover	356.44	13.07
		For Elevated Installation >10' To 15', Add	*2.62*	
		For Elevated Installation >15' To 20', Add	*5.23*	
		For Elevated Installation >20' To 25', Add	*6.54*	
		For Elevated Installation >25' To 30', Add	*9.15*	
		For Elevated Installation >30' To 35', Add	*10.46*	
		For Elevated Installation >35' To 40', Add	*13.08*	
		For Elevated Installation >40', Add	*14.38*	
		For Work In Restricted Working Space, Add	*7.85*	
26 05 33 13-1252	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Replacement Rigid Galvanized Steel (RGS) Mogul Cover	363.33	16.51
		For Elevated Installation >10' To 15', Add	*3.30*	
		For Elevated Installation >15' To 20', Add	*6.61*	
		For Elevated Installation >20' To 25', Add	*8.26*	
		For Elevated Installation >25' To 30', Add	*11.56*	
		For Elevated Installation >30' To 35', Add	*13.22*	
		For Elevated Installation >35' To 40', Add	*16.52*	
		For Elevated Installation >40', Add	*18.17*	
		For Work In Restricted Working Space, Add	*9.91*	
26 05 33 13-1253	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Replacement Rigid Galvanized Steel (RGS) Mogul Cover	547.12	18.58
		For Elevated Installation >10' To 15', Add	*3.72*	
		For Elevated Installation >15' To 20', Add	*7.43*	
		For Elevated Installation >20' To 25', Add	*9.29*	
		For Elevated Installation >25' To 30', Add	*13.01*	
		For Elevated Installation >30' To 35', Add	*14.87*	
		For Elevated Installation >35' To 40', Add	*18.59*	
		For Elevated Installation >40', Add	*20.44*	
		For Work In Restricted Working Space, Add	*11.15*	
26 05 33 13-1254	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Replacement Rigid Galvanized Steel (RGS) Mogul Cover	558.13	24.09
		For Elevated Installation >10' To 15', Add	*4.82*	
		For Elevated Installation >15' To 20', Add	*9.64*	
		For Elevated Installation >20' To 25', Add	*12.05*	
		For Elevated Installation >25' To 30', Add	*16.86*	
		For Elevated Installation >30' To 35', Add	*19.27*	
		For Elevated Installation >35' To 40', Add	*24.09*	
		For Elevated Installation >40', Add	*26.50*	
		For Work In Restricted Working Space, Add	*14.45*	
26 05 33 13-1255		Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fittings *(26 05 33 13-0843)*		
26 05 33 13-1256	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting	242.94	17.21
		For Elevated Installation >10' To 15', Add	*3.44*	
		For Elevated Installation >15' To 20', Add	*6.88*	
		For Elevated Installation >20' To 25', Add	*8.60*	
		For Elevated Installation >25' To 30', Add	*12.04*	
		For Elevated Installation >30' To 35', Add	*13.76*	
		For Elevated Installation >35' To 40', Add	*17.21*	
		For Elevated Installation >40', Add	*18.93*	
		For Work In Restricted Working Space, Add	*10.32*	
26 05 33 13-1257	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting	287.06	21.34
		For Elevated Installation >10' To 15', Add	*4.27*	
		For Elevated Installation >15' To 20', Add	*8.53*	
		For Elevated Installation >20' To 25', Add	*10.67*	
		For Elevated Installation >25' To 30', Add	*14.93*	
		For Elevated Installation >30' To 35', Add	*17.07*	
		For Elevated Installation >35' To 40', Add	*21.34*	
		For Elevated Installation >40', Add	*23.47*	
		For Work In Restricted Working Space, Add	*12.80*	
26 05 33 13-1258	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting	339.81	26.15
		For Elevated Installation >10' To 15', Add	*5.23*	
		For Elevated Installation >15' To 20', Add	*10.46*	
		For Elevated Installation >20' To 25', Add	*13.08*	
		For Elevated Installation >25' To 30', Add	*18.31*	
		For Elevated Installation >30' To 35', Add	*20.92*	
		For Elevated Installation >35' To 40', Add	*26.16*	
		For Elevated Installation >40', Add	*28.77*	
		For Work In Restricted Working Space, Add	*15.69*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1259	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting	418.59	30.28
		For Elevated Installation >10' To 15', Add	*6.06*	
		For Elevated Installation >15' To 20', Add	*12.11*	
		For Elevated Installation >20' To 25', Add	*15.14*	
		For Elevated Installation >25' To 30', Add	*21.20*	
		For Elevated Installation >30' To 35', Add	*24.23*	
		For Elevated Installation >35' To 40', Add	*30.29*	
		For Elevated Installation >40', Add	*33.31*	
		For Work In Restricted Working Space, Add	*18.17*	
26 05 33 13-1260	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting	559.46	34.41
		For Elevated Installation >10' To 15', Add	*6.88*	
		For Elevated Installation >15' To 20', Add	*13.76*	
		For Elevated Installation >20' To 25', Add	*17.21*	
		For Elevated Installation >25' To 30', Add	*24.09*	
		For Elevated Installation >30' To 35', Add	*27.53*	
		For Elevated Installation >35' To 40', Add	*34.41*	
		For Elevated Installation >40', Add	*37.85*	
		For Work In Restricted Working Space, Add	*20.65*	
26 05 33 13-1261	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting	774.45	37.85
		For Elevated Installation >10' To 15', Add	*7.57*	
		For Elevated Installation >15' To 20', Add	*15.14*	
		For Elevated Installation >20' To 25', Add	*18.93*	
		For Elevated Installation >25' To 30', Add	*26.50*	
		For Elevated Installation >30' To 35', Add	*30.28*	
		For Elevated Installation >35' To 40', Add	*37.86*	
		For Elevated Installation >40', Add	*41.64*	
		For Work In Restricted Working Space, Add	*22.71*	
26 05 33 13-1262	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting	1,105.93	47.49
		For Elevated Installation >10' To 15', Add	*9.50*	
		For Elevated Installation >15' To 20', Add	*19.00*	
		For Elevated Installation >20' To 25', Add	*23.75*	
		For Elevated Installation >25' To 30', Add	*33.24*	
		For Elevated Installation >30' To 35', Add	*37.99*	
		For Elevated Installation >35' To 40', Add	*47.49*	
		For Elevated Installation >40', Add	*52.24*	
		For Work In Restricted Working Space, Add	*28.49*	
26 05 33 13-1263	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting	1,375.24	64.70
		For Elevated Installation >10' To 15', Add	*12.94*	
		For Elevated Installation >15' To 20', Add	*25.88*	
		For Elevated Installation >20' To 25', Add	*32.35*	
		For Elevated Installation >25' To 30', Add	*45.29*	
		For Elevated Installation >30' To 35', Add	*51.76*	
		For Elevated Installation >35' To 40', Add	*64.70*	
		For Elevated Installation >40', Add	*71.16*	
		For Work In Restricted Working Space, Add	*38.82*	
26 05 33 13-1264	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting	1,929.26	72.95
		For Elevated Installation >10' To 15', Add	*14.59*	
		For Elevated Installation >15' To 20', Add	*29.18*	
		For Elevated Installation >20' To 25', Add	*36.48*	
		For Elevated Installation >25' To 30', Add	*51.07*	
		For Elevated Installation >30' To 35', Add	*58.37*	
		For Elevated Installation >35' To 40', Add	*72.96*	
		For Elevated Installation >40', Add	*80.26*	
		For Work In Restricted Working Space, Add	*43.78*	
26 05 33 13-1265	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting	2,223.70	94.98
		For Elevated Installation >10' To 15', Add	*19.00*	
		For Elevated Installation >15' To 20', Add	*37.99*	
		For Elevated Installation >20' To 25', Add	*47.49*	
		For Elevated Installation >25' To 30', Add	*66.49*	
		For Elevated Installation >30' To 35', Add	*75.98*	
		For Elevated Installation >35' To 40', Add	*94.98*	
		For Elevated Installation >40', Add	*104.48*	
		For Work In Restricted Working Space, Add	*56.99*	

26 05 33 13-1266 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fittings With Bonding Jumper *(26 05 33 13-0843)*

26 05 33 13-1267	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting With Bonding Jumper	385.80	17.21
		For Elevated Installation >10' To 15', Add	*3.44*	
		For Elevated Installation >15' To 20', Add	*6.88*	
		For Elevated Installation >20' To 25', Add	*8.60*	
		For Elevated Installation >25' To 30', Add	*12.04*	
		For Elevated Installation >30' To 35', Add	*13.76*	
		For Elevated Installation >35' To 40', Add	*17.21*	
		For Elevated Installation >40', Add	*18.93*	
		For Work In Restricted Working Space, Add	*10.32*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1268	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting With Bonding Jumper	400.69	21.34
		For Elevated Installation >10' To 15', Add	*4.27*	
		For Elevated Installation >15' To 20', Add	*8.53*	
		For Elevated Installation >20' To 25', Add	*10.67*	
		For Elevated Installation >25' To 30', Add	*14.93*	
		For Elevated Installation >30' To 35', Add	*17.07*	
		For Elevated Installation >35' To 40', Add	*21.34*	
		For Elevated Installation >40', Add	*23.47*	
		For Work In Restricted Working Space, Add	*12.80*	
26 05 33 13-1269	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting With Bonding Jumper	450.06	26.15
		For Elevated Installation >10' To 15', Add	*5.23*	
		For Elevated Installation >15' To 20', Add	*10.46*	
		For Elevated Installation >20' To 25', Add	*13.08*	
		For Elevated Installation >25' To 30', Add	*18.31*	
		For Elevated Installation >30' To 35', Add	*20.92*	
		For Elevated Installation >35' To 40', Add	*26.16*	
		For Elevated Installation >40', Add	*28.77*	
		For Work In Restricted Working Space, Add	*15.69*	
26 05 33 13-1270	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting With Bonding Jumper	544.59	30.28
		For Elevated Installation >10' To 15', Add	*6.06*	
		For Elevated Installation >15' To 20', Add	*12.11*	
		For Elevated Installation >20' To 25', Add	*15.14*	
		For Elevated Installation >25' To 30', Add	*21.20*	
		For Elevated Installation >30' To 35', Add	*24.23*	
		For Elevated Installation >35' To 40', Add	*30.29*	
		For Elevated Installation >40', Add	*33.31*	
		For Work In Restricted Working Space, Add	*18.17*	
26 05 33 13-1271	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting With Bonding Jumper	660.06	34.41
		For Elevated Installation >10' To 15', Add	*6.88*	
		For Elevated Installation >15' To 20', Add	*13.76*	
		For Elevated Installation >20' To 25', Add	*17.21*	
		For Elevated Installation >25' To 30', Add	*24.09*	
		For Elevated Installation >30' To 35', Add	*27.53*	
		For Elevated Installation >35' To 40', Add	*34.41*	
		For Elevated Installation >40', Add	*37.85*	
		For Work In Restricted Working Space, Add	*20.65*	
26 05 33 13-1272	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting With Bonding Jumper	843.71	37.85
		For Elevated Installation >10' To 15', Add	*7.57*	
		For Elevated Installation >15' To 20', Add	*15.14*	
		For Elevated Installation >20' To 25', Add	*18.93*	
		For Elevated Installation >25' To 30', Add	*26.50*	
		For Elevated Installation >30' To 35', Add	*30.28*	
		For Elevated Installation >35' To 40', Add	*37.86*	
		For Elevated Installation >40', Add	*41.64*	
		For Work In Restricted Working Space, Add	*22.71*	
26 05 33 13-1273	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting With Bonding Jumper	1,245.45	47.49
		For Elevated Installation >10' To 15', Add	*9.50*	
		For Elevated Installation >15' To 20', Add	*19.00*	
		For Elevated Installation >20' To 25', Add	*23.75*	
		For Elevated Installation >25' To 30', Add	*33.24*	
		For Elevated Installation >30' To 35', Add	*37.99*	
		For Elevated Installation >35' To 40', Add	*47.49*	
		For Elevated Installation >40', Add	*52.24*	
		For Work In Restricted Working Space, Add	*28.49*	
26 05 33 13-1274	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting With Bonding Jumper	1,561.67	64.70
		For Elevated Installation >10' To 15', Add	*12.94*	
		For Elevated Installation >15' To 20', Add	*25.88*	
		For Elevated Installation >20' To 25', Add	*32.35*	
		For Elevated Installation >25' To 30', Add	*45.29*	
		For Elevated Installation >30' To 35', Add	*51.76*	
		For Elevated Installation >35' To 40', Add	*64.70*	
		For Elevated Installation >40', Add	*71.16*	
		For Work In Restricted Working Space, Add	*38.82*	
26 05 33 13-1275	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting With Bonding Jumper	1,989.45	72.95
		For Elevated Installation >10' To 15', Add	*14.59*	
		For Elevated Installation >15' To 20', Add	*29.18*	
		For Elevated Installation >20' To 25', Add	*36.48*	
		For Elevated Installation >25' To 30', Add	*51.07*	
		For Elevated Installation >30' To 35', Add	*58.37*	
		For Elevated Installation >35' To 40', Add	*72.96*	
		For Elevated Installation >40', Add	*80.26*	
		For Work In Restricted Working Space, Add	*43.78*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1276		EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting With Bonding Jumper	2,490.26	94.98
			For Elevated Installation >10' To 15', Add	*19.00*	
			For Elevated Installation >15' To 20', Add	*37.99*	
			For Elevated Installation >20' To 25', Add	*47.49*	
			For Elevated Installation >25' To 30', Add	*66.49*	
			For Elevated Installation >30' To 35', Add	*75.98*	
			For Elevated Installation >35' To 40', Add	*94.98*	
			For Elevated Installation >40', Add	*104.48*	
			For Work In Restricted Working Space, Add	*56.99*	

26 05 33 13-1277 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS), STG Knockout Hubs *(26 05 33 13-0843)*

26 05 33 13-1278		EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STG Knockout Hub	80.31	8.26
			For Elevated Installation >10' To 15', Add	*1.65*	
			For Elevated Installation >15' To 20', Add	*3.30*	
			For Elevated Installation >20' To 25', Add	*4.13*	
			For Elevated Installation >25' To 30', Add	*5.78*	
			For Elevated Installation >30' To 35', Add	*6.60*	
			For Elevated Installation >35' To 40', Add	*8.26*	
			For Elevated Installation >40', Add	*9.08*	
			For Work In Restricted Working Space, Add	*4.95*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.95*	
26 05 33 13-1279		EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STG Knockout Hub	87.13	10.33
			For Elevated Installation >10' To 15', Add	*2.06*	
			For Elevated Installation >15' To 20', Add	*4.13*	
			For Elevated Installation >20' To 25', Add	*5.16*	
			For Elevated Installation >25' To 30', Add	*7.22*	
			For Elevated Installation >30' To 35', Add	*8.26*	
			For Elevated Installation >35' To 40', Add	*10.32*	
			For Elevated Installation >40', Add	*11.35*	
			For Work In Restricted Working Space, Add	*6.19*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.19*	
26 05 33 13-1280		EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STG Knockout Hub	95.91	12.39
			For Elevated Installation >10' To 15', Add	*2.48*	
			For Elevated Installation >15' To 20', Add	*4.96*	
			For Elevated Installation >20' To 25', Add	*6.20*	
			For Elevated Installation >25' To 30', Add	*8.67*	
			For Elevated Installation >30' To 35', Add	*9.91*	
			For Elevated Installation >35' To 40', Add	*12.39*	
			For Elevated Installation >40', Add	*13.63*	
			For Work In Restricted Working Space, Add	*7.43*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.43*	
26 05 33 13-1281		EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STG Knockout Hub	108.54	15.14
			For Elevated Installation >10' To 15', Add	*3.03*	
			For Elevated Installation >15' To 20', Add	*6.06*	
			For Elevated Installation >20' To 25', Add	*7.57*	
			For Elevated Installation >25' To 30', Add	*10.60*	
			For Elevated Installation >30' To 35', Add	*12.11*	
			For Elevated Installation >35' To 40', Add	*15.14*	
			For Elevated Installation >40', Add	*16.65*	
			For Work In Restricted Working Space, Add	*9.08*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.08*	
26 05 33 13-1282		EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STG Knockout Hub	145.88	17.21
			For Elevated Installation >10' To 15', Add	*3.44*	
			For Elevated Installation >15' To 20', Add	*6.88*	
			For Elevated Installation >20' To 25', Add	*8.60*	
			For Elevated Installation >25' To 30', Add	*12.04*	
			For Elevated Installation >30' To 35', Add	*13.76*	
			For Elevated Installation >35' To 40', Add	*17.21*	
			For Elevated Installation >40', Add	*18.93*	
			For Work In Restricted Working Space, Add	*10.32*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.32*	
26 05 33 13-1283		EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STG Knockout Hub	178.20	19.27
			For Elevated Installation >10' To 15', Add	*3.85*	
			For Elevated Installation >15' To 20', Add	*7.71*	
			For Elevated Installation >20' To 25', Add	*9.64*	
			For Elevated Installation >25' To 30', Add	*13.49*	
			For Elevated Installation >30' To 35', Add	*15.42*	
			For Elevated Installation >35' To 40', Add	*19.27*	
			For Elevated Installation >40', Add	*21.20*	
			For Work In Restricted Working Space, Add	*11.56*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.56*	
26 05 33 13-1284		EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STG Knockout Hub	254.96	24.09
			For Elevated Installation >10' To 15', Add	*4.82*	
			For Elevated Installation >15' To 20', Add	*9.64*	
			For Elevated Installation >20' To 25', Add	*12.05*	
			For Elevated Installation >25' To 30', Add	*16.86*	
			For Elevated Installation >30' To 35', Add	*19.27*	
			For Elevated Installation >35' To 40', Add	*24.09*	
			For Elevated Installation >40', Add	*26.50*	
			For Work In Restricted Working Space, Add	*14.45*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1285	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STG Knockout Hub	332.88	32.35
		For Elevated Installation >10' To 15', Add	*6.47*	
		For Elevated Installation >15' To 20', Add	*12.94*	
		For Elevated Installation >20' To 25', Add	*16.18*	
		For Elevated Installation >25' To 30', Add	*22.65*	
		For Elevated Installation >30' To 35', Add	*25.88*	
		For Elevated Installation >35' To 40', Add	*32.35*	
		For Elevated Installation >40', Add	*35.59*	
		For Work In Restricted Working Space, Add	*19.41*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.41*	
26 05 33 13-1286	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STG Knockout Hub	424.85	36.48
		For Elevated Installation >10' To 15', Add	*7.30*	
		For Elevated Installation >15' To 20', Add	*14.59*	
		For Elevated Installation >20' To 25', Add	*18.24*	
		For Elevated Installation >25' To 30', Add	*25.53*	
		For Elevated Installation >30' To 35', Add	*29.18*	
		For Elevated Installation >35' To 40', Add	*36.48*	
		For Elevated Installation >40', Add	*40.12*	
		For Work In Restricted Working Space, Add	*21.89*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.89*	
26 05 33 13-1287	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STG Knockout Hub	534.41	47.49
		For Elevated Installation >10' To 15', Add	*9.50*	
		For Elevated Installation >15' To 20', Add	*19.00*	
		For Elevated Installation >20' To 25', Add	*23.75*	
		For Elevated Installation >25' To 30', Add	*33.24*	
		For Elevated Installation >30' To 35', Add	*37.99*	
		For Elevated Installation >35' To 40', Add	*47.49*	
		For Elevated Installation >40', Add	*52.24*	
		For Work In Restricted Working Space, Add	*28.49*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*28.49*	
26 05 33 13-1288	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STG Knockout Hub	665.21	77.08
		For Elevated Installation >10' To 15', Add	*15.42*	
		For Elevated Installation >15' To 20', Add	*30.83*	
		For Elevated Installation >20' To 25', Add	*38.54*	
		For Elevated Installation >25' To 30', Add	*53.96*	
		For Elevated Installation >30' To 35', Add	*61.67*	
		For Elevated Installation >35' To 40', Add	*77.09*	
		For Elevated Installation >40', Add	*84.79*	
		For Work In Restricted Working Space, Add	*46.25*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*46.25*	
26 05 33 13-1289	EA	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STG Knockout Hub	1,003.26	116.32
		For Elevated Installation >10' To 15', Add	*23.26*	
		For Elevated Installation >15' To 20', Add	*46.53*	
		For Elevated Installation >20' To 25', Add	*58.16*	
		For Elevated Installation >25' To 30', Add	*81.42*	
		For Elevated Installation >30' To 35', Add	*93.06*	
		For Elevated Installation >35' To 40', Add	*116.32*	
		For Elevated Installation >40', Add	*127.95*	
		For Work In Restricted Working Space, Add	*69.79*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*69.79*	

26 05 33 13-1290 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS), STTB Knockout Hubs *(26 05 33 13-0843)*

26 05 33 13-1291	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub	120.90	8.26
		For Elevated Installation >10' To 15', Add	*1.65*	
		For Elevated Installation >15' To 20', Add	*3.30*	
		For Elevated Installation >20' To 25', Add	*4.13*	
		For Elevated Installation >25' To 30', Add	*5.78*	
		For Elevated Installation >30' To 35', Add	*6.60*	
		For Elevated Installation >35' To 40', Add	*8.26*	
		For Elevated Installation >40', Add	*9.08*	
		For Work In Restricted Working Space, Add	*4.95*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.95*	
26 05 33 13-1292	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub	128.01	10.33
		For Elevated Installation >10' To 15', Add	*2.06*	
		For Elevated Installation >15' To 20', Add	*4.13*	
		For Elevated Installation >20' To 25', Add	*5.16*	
		For Elevated Installation >25' To 30', Add	*7.22*	
		For Elevated Installation >30' To 35', Add	*8.26*	
		For Elevated Installation >35' To 40', Add	*10.32*	
		For Elevated Installation >40', Add	*11.35*	
		For Work In Restricted Working Space, Add	*6.19*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.19*	
26 05 33 13-1293	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub	137.68	12.39
		For Elevated Installation >10' To 15', Add	*2.48*	
		For Elevated Installation >15' To 20', Add	*4.96*	
		For Elevated Installation >20' To 25', Add	*6.20*	
		For Elevated Installation >25' To 30', Add	*8.67*	
		For Elevated Installation >30' To 35', Add	*9.91*	
		For Elevated Installation >35' To 40', Add	*12.39*	
		For Elevated Installation >40', Add	*13.63*	
		For Work In Restricted Working Space, Add	*7.43*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.43*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1294	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub	157.25	15.14
		For Elevated Installation >10' To 15', Add	*3.03*	
		For Elevated Installation >15' To 20', Add	*6.06*	
		For Elevated Installation >20' To 25', Add	*7.57*	
		For Elevated Installation >25' To 30', Add	*10.60*	
		For Elevated Installation >30' To 35', Add	*12.11*	
		For Elevated Installation >35' To 40', Add	*15.14*	
		For Elevated Installation >40', Add	*16.65*	
		For Work In Restricted Working Space, Add	*9.08*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.08*	
26 05 33 13-1295	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub	168.88	17.21
		For Elevated Installation >10' To 15', Add	*3.44*	
		For Elevated Installation >15' To 20', Add	*6.88*	
		For Elevated Installation >20' To 25', Add	*8.60*	
		For Elevated Installation >25' To 30', Add	*12.04*	
		For Elevated Installation >30' To 35', Add	*13.76*	
		For Elevated Installation >35' To 40', Add	*17.21*	
		For Elevated Installation >40', Add	*18.93*	
		For Work In Restricted Working Space, Add	*10.32*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.32*	
26 05 33 13-1296	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub	191.01	19.27
		For Elevated Installation >10' To 15', Add	*3.85*	
		For Elevated Installation >15' To 20', Add	*7.71*	
		For Elevated Installation >20' To 25', Add	*9.64*	
		For Elevated Installation >25' To 30', Add	*13.49*	
		For Elevated Installation >30' To 35', Add	*15.42*	
		For Elevated Installation >35' To 40', Add	*19.27*	
		For Elevated Installation >40', Add	*21.20*	
		For Work In Restricted Working Space, Add	*11.56*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.56*	
26 05 33 13-1297	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub	290.92	24.09
		For Elevated Installation >10' To 15', Add	*4.82*	
		For Elevated Installation >15' To 20', Add	*9.64*	
		For Elevated Installation >20' To 25', Add	*12.05*	
		For Elevated Installation >25' To 30', Add	*16.86*	
		For Elevated Installation >30' To 35', Add	*19.27*	
		For Elevated Installation >35' To 40', Add	*24.09*	
		For Elevated Installation >40', Add	*26.50*	
		For Work In Restricted Working Space, Add	*14.45*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.45*	
26 05 33 13-1298	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub	348.39	32.35
		For Elevated Installation >10' To 15', Add	*6.47*	
		For Elevated Installation >15' To 20', Add	*12.94*	
		For Elevated Installation >20' To 25', Add	*16.18*	
		For Elevated Installation >25' To 30', Add	*22.65*	
		For Elevated Installation >30' To 35', Add	*25.88*	
		For Elevated Installation >35' To 40', Add	*32.35*	
		For Elevated Installation >40', Add	*35.59*	
		For Work In Restricted Working Space, Add	*19.41*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.41*	
26 05 33 13-1299	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub	428.20	36.48
		For Elevated Installation >10' To 15', Add	*7.30*	
		For Elevated Installation >15' To 20', Add	*14.59*	
		For Elevated Installation >20' To 25', Add	*18.24*	
		For Elevated Installation >25' To 30', Add	*25.53*	
		For Elevated Installation >30' To 35', Add	*29.18*	
		For Elevated Installation >35' To 40', Add	*36.48*	
		For Elevated Installation >40', Add	*40.12*	
		For Work In Restricted Working Space, Add	*21.89*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.89*	
26 05 33 13-1300	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub	556.03	47.49
		For Elevated Installation >10' To 15', Add	*9.50*	
		For Elevated Installation >15' To 20', Add	*19.00*	
		For Elevated Installation >20' To 25', Add	*23.75*	
		For Elevated Installation >25' To 30', Add	*33.24*	
		For Elevated Installation >30' To 35', Add	*37.99*	
		For Elevated Installation >35' To 40', Add	*47.49*	
		For Elevated Installation >40', Add	*52.24*	
		For Work In Restricted Working Space, Add	*28.49*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*28.49*	
26 05 33 13-1301	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub	865.11	77.08
		For Elevated Installation >10' To 15', Add	*15.42*	
		For Elevated Installation >15' To 20', Add	*30.83*	
		For Elevated Installation >20' To 25', Add	*38.54*	
		For Elevated Installation >25' To 30', Add	*53.96*	
		For Elevated Installation >30' To 35', Add	*61.67*	
		For Elevated Installation >35' To 40', Add	*77.09*	
		For Elevated Installation >40', Add	*84.79*	
		For Work In Restricted Working Space, Add	*46.25*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*46.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1302	EA	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub	1,415.20	116.32
		For Elevated Installation >10' To 15', Add	*23.26*	
		For Elevated Installation >15' To 20', Add	*46.53*	
		For Elevated Installation >20' To 25', Add	*58.16*	
		For Elevated Installation >25' To 30', Add	*81.42*	
		For Elevated Installation >30' To 35', Add	*93.06*	
		For Elevated Installation >35' To 40', Add	*116.32*	
		For Elevated Installation >40', Add	*127.95*	
		For Work In Restricted Working Space, Add	*69.79*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*69.79*	

26 05 33 13-1303 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS), STTTB Knockout Hubs *(26 05 33 13-0843)*

26 05 33 13-1304	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTTB Knockout Hub	129.92	8.26
		For Elevated Installation >10' To 15', Add	*1.65*	
		For Elevated Installation >15' To 20', Add	*3.30*	
		For Elevated Installation >20' To 25', Add	*4.13*	
		For Elevated Installation >25' To 30', Add	*5.78*	
		For Elevated Installation >30' To 35', Add	*6.60*	
		For Elevated Installation >35' To 40', Add	*8.26*	
		For Elevated Installation >40', Add	*9.08*	
		For Work In Restricted Working Space, Add	*4.95*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.95*	
26 05 33 13-1305	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTTB Knockout Hub	136.57	10.33
		For Elevated Installation >10' To 15', Add	*2.06*	
		For Elevated Installation >15' To 20', Add	*4.13*	
		For Elevated Installation >20' To 25', Add	*5.16*	
		For Elevated Installation >25' To 30', Add	*7.22*	
		For Elevated Installation >30' To 35', Add	*8.26*	
		For Elevated Installation >35' To 40', Add	*10.32*	
		For Elevated Installation >40', Add	*11.35*	
		For Work In Restricted Working Space, Add	*6.19*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.19*	
26 05 33 13-1306	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTTB Knockout Hub	146.63	12.39
		For Elevated Installation >10' To 15', Add	*2.48*	
		For Elevated Installation >15' To 20', Add	*4.96*	
		For Elevated Installation >20' To 25', Add	*6.20*	
		For Elevated Installation >25' To 30', Add	*8.67*	
		For Elevated Installation >30' To 35', Add	*9.91*	
		For Elevated Installation >35' To 40', Add	*12.39*	
		For Elevated Installation >40', Add	*13.63*	
		For Work In Restricted Working Space, Add	*7.43*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.43*	
26 05 33 13-1307	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTTB Knockout Hub	184.42	15.14
		For Elevated Installation >10' To 15', Add	*3.03*	
		For Elevated Installation >15' To 20', Add	*6.06*	
		For Elevated Installation >20' To 25', Add	*7.57*	
		For Elevated Installation >25' To 30', Add	*10.60*	
		For Elevated Installation >30' To 35', Add	*12.11*	
		For Elevated Installation >35' To 40', Add	*15.14*	
		For Elevated Installation >40', Add	*16.65*	
		For Work In Restricted Working Space, Add	*9.08*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.08*	
26 05 33 13-1308	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTTB Knockout Hub	201.68	17.21
		For Elevated Installation >10' To 15', Add	*3.44*	
		For Elevated Installation >15' To 20', Add	*6.88*	
		For Elevated Installation >20' To 25', Add	*8.60*	
		For Elevated Installation >25' To 30', Add	*12.04*	
		For Elevated Installation >30' To 35', Add	*13.76*	
		For Elevated Installation >35' To 40', Add	*17.21*	
		For Elevated Installation >40', Add	*18.93*	
		For Work In Restricted Working Space, Add	*10.32*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.32*	
26 05 33 13-1309	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTTB Knockout Hub	213.64	19.27
		For Elevated Installation >10' To 15', Add	*3.85*	
		For Elevated Installation >15' To 20', Add	*7.71*	
		For Elevated Installation >20' To 25', Add	*9.64*	
		For Elevated Installation >25' To 30', Add	*13.49*	
		For Elevated Installation >30' To 35', Add	*15.42*	
		For Elevated Installation >35' To 40', Add	*19.27*	
		For Elevated Installation >40', Add	*21.20*	
		For Work In Restricted Working Space, Add	*11.56*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.56*	

26 05 33 13-1310 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS), UNF Conduit Unions *(26 05 33 13-0843)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1311	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union	97.02	17.21
		For Elevated Installation >10' To 15', Add	*3.44*	
		For Elevated Installation >15' To 20', Add	*6.88*	
		For Elevated Installation >20' To 25', Add	*8.60*	
		For Elevated Installation >25' To 30', Add	*12.04*	
		For Elevated Installation >30' To 35', Add	*13.76*	
		For Elevated Installation >35' To 40', Add	*17.21*	
		For Elevated Installation >40', Add	*18.93*	
		For Work In Restricted Working Space, Add	*10.32*	
26 05 33 13-1312	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union	106.42	21.34
		For Elevated Installation >10' To 15', Add	*4.27*	
		For Elevated Installation >15' To 20', Add	*8.53*	
		For Elevated Installation >20' To 25', Add	*10.67*	
		For Elevated Installation >25' To 30', Add	*14.93*	
		For Elevated Installation >30' To 35', Add	*17.07*	
		For Elevated Installation >35' To 40', Add	*21.34*	
		For Elevated Installation >40', Add	*23.47*	
		For Work In Restricted Working Space, Add	*12.80*	
26 05 33 13-1313	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union	137.78	26.15
		For Elevated Installation >10' To 15', Add	*5.23*	
		For Elevated Installation >15' To 20', Add	*10.46*	
		For Elevated Installation >20' To 25', Add	*13.08*	
		For Elevated Installation >25' To 30', Add	*18.31*	
		For Elevated Installation >30' To 35', Add	*20.92*	
		For Elevated Installation >35' To 40', Add	*26.16*	
		For Elevated Installation >40', Add	*28.77*	
		For Work In Restricted Working Space, Add	*15.69*	
26 05 33 13-1314	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union	198.12	30.28
		For Elevated Installation >10' To 15', Add	*6.06*	
		For Elevated Installation >15' To 20', Add	*12.11*	
		For Elevated Installation >20' To 25', Add	*15.14*	
		For Elevated Installation >25' To 30', Add	*21.20*	
		For Elevated Installation >30' To 35', Add	*24.23*	
		For Elevated Installation >35' To 40', Add	*30.29*	
		For Elevated Installation >40', Add	*33.31*	
		For Work In Restricted Working Space, Add	*18.17*	
26 05 33 13-1315	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union	234.73	34.41
		For Elevated Installation >10' To 15', Add	*6.88*	
		For Elevated Installation >15' To 20', Add	*13.76*	
		For Elevated Installation >20' To 25', Add	*17.21*	
		For Elevated Installation >25' To 30', Add	*24.09*	
		For Elevated Installation >30' To 35', Add	*27.53*	
		For Elevated Installation >35' To 40', Add	*34.41*	
		For Elevated Installation >40', Add	*37.85*	
		For Work In Restricted Working Space, Add	*20.65*	
26 05 33 13-1316	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union	296.81	37.85
		For Elevated Installation >10' To 15', Add	*7.57*	
		For Elevated Installation >15' To 20', Add	*15.14*	
		For Elevated Installation >20' To 25', Add	*18.93*	
		For Elevated Installation >25' To 30', Add	*26.50*	
		For Elevated Installation >30' To 35', Add	*30.28*	
		For Elevated Installation >35' To 40', Add	*37.86*	
		For Elevated Installation >40', Add	*41.64*	
		For Work In Restricted Working Space, Add	*22.71*	
26 05 33 13-1317	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union	394.31	47.49
		For Elevated Installation >10' To 15', Add	*9.50*	
		For Elevated Installation >15' To 20', Add	*19.00*	
		For Elevated Installation >20' To 25', Add	*23.75*	
		For Elevated Installation >25' To 30', Add	*33.24*	
		For Elevated Installation >30' To 35', Add	*37.99*	
		For Elevated Installation >35' To 40', Add	*47.49*	
		For Elevated Installation >40', Add	*52.24*	
		For Work In Restricted Working Space, Add	*28.49*	
26 05 33 13-1318	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union	507.65	47.49
		For Elevated Installation >10' To 15', Add	*9.50*	
		For Elevated Installation >15' To 20', Add	*19.00*	
		For Elevated Installation >20' To 25', Add	*23.75*	
		For Elevated Installation >25' To 30', Add	*33.24*	
		For Elevated Installation >30' To 35', Add	*37.99*	
		For Elevated Installation >35' To 40', Add	*47.49*	
		For Elevated Installation >40', Add	*52.24*	
		For Work In Restricted Working Space, Add	*28.49*	
26 05 33 13-1319	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union	657.81	72.95
		For Elevated Installation >10' To 15', Add	*14.59*	
		For Elevated Installation >15' To 20', Add	*29.18*	
		For Elevated Installation >20' To 25', Add	*36.48*	
		For Elevated Installation >25' To 30', Add	*51.07*	
		For Elevated Installation >30' To 35', Add	*58.37*	
		For Elevated Installation >35' To 40', Add	*72.96*	
		For Elevated Installation >40', Add	*80.26*	
		For Work In Restricted Working Space, Add	*43.78*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1320	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union	847.24	94.98
		For Elevated Installation >10' To 15', Add	*19.00*	
		For Elevated Installation >15' To 20', Add	*37.99*	
		For Elevated Installation >20' To 25', Add	*47.49*	
		For Elevated Installation >25' To 30', Add	*66.49*	
		For Elevated Installation >30' To 35', Add	*75.98*	
		For Elevated Installation >35' To 40', Add	*94.98*	
		For Elevated Installation >40', Add	*104.48*	
		For Work In Restricted Working Space, Add	*56.99*	
26 05 33 13-1321	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union	1,538.25	154.86
		For Elevated Installation >10' To 15', Add	*30.97*	
		For Elevated Installation >15' To 20', Add	*61.94*	
		For Elevated Installation >20' To 25', Add	*77.43*	
		For Elevated Installation >25' To 30', Add	*108.40*	
		For Elevated Installation >30' To 35', Add	*123.89*	
		For Elevated Installation >35' To 40', Add	*154.86*	
		For Elevated Installation >40', Add	*170.35*	
		For Work In Restricted Working Space, Add	*92.92*	
26 05 33 13-1322	EA	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union	1,928.45	232.64
		For Elevated Installation >10' To 15', Add	*46.53*	
		For Elevated Installation >15' To 20', Add	*93.06*	
		For Elevated Installation >20' To 25', Add	*116.32*	
		For Elevated Installation >25' To 30', Add	*162.85*	
		For Elevated Installation >30' To 35', Add	*186.11*	
		For Elevated Installation >35' To 40', Add	*232.64*	
		For Elevated Installation >40', Add	*255.90*	
		For Work In Restricted Working Space, Add	*139.58*	

26 05 33 13-1323 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS), UNY Conduit Unions *(26 05 33 13-0843)*

26 05 33 13-1324	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union	99.13	17.21
		For Elevated Installation >10' To 15', Add	*3.44*	
		For Elevated Installation >15' To 20', Add	*6.88*	
		For Elevated Installation >20' To 25', Add	*8.60*	
		For Elevated Installation >25' To 30', Add	*12.04*	
		For Elevated Installation >30' To 35', Add	*13.76*	
		For Elevated Installation >35' To 40', Add	*17.21*	
		For Elevated Installation >40', Add	*18.93*	
		For Work In Restricted Working Space, Add	*10.32*	
26 05 33 13-1325	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union	114.48	21.34
		For Elevated Installation >10' To 15', Add	*4.27*	
		For Elevated Installation >15' To 20', Add	*8.53*	
		For Elevated Installation >20' To 25', Add	*10.67*	
		For Elevated Installation >25' To 30', Add	*14.93*	
		For Elevated Installation >30' To 35', Add	*17.07*	
		For Elevated Installation >35' To 40', Add	*21.34*	
		For Elevated Installation >40', Add	*23.47*	
		For Work In Restricted Working Space, Add	*12.80*	
26 05 33 13-1326	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union	142.07	26.15
		For Elevated Installation >10' To 15', Add	*5.23*	
		For Elevated Installation >15' To 20', Add	*10.46*	
		For Elevated Installation >20' To 25', Add	*13.08*	
		For Elevated Installation >25' To 30', Add	*18.31*	
		For Elevated Installation >30' To 35', Add	*20.92*	
		For Elevated Installation >35' To 40', Add	*26.16*	
		For Elevated Installation >40', Add	*28.77*	
		For Work In Restricted Working Space, Add	*15.69*	
26 05 33 13-1327	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union	206.00	30.28
		For Elevated Installation >10' To 15', Add	*6.06*	
		For Elevated Installation >15' To 20', Add	*12.11*	
		For Elevated Installation >20' To 25', Add	*15.14*	
		For Elevated Installation >25' To 30', Add	*21.20*	
		For Elevated Installation >30' To 35', Add	*24.23*	
		For Elevated Installation >35' To 40', Add	*30.29*	
		For Elevated Installation >40', Add	*33.31*	
		For Work In Restricted Working Space, Add	*18.17*	
26 05 33 13-1328	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union	245.67	34.41
		For Elevated Installation >10' To 15', Add	*6.88*	
		For Elevated Installation >15' To 20', Add	*13.76*	
		For Elevated Installation >20' To 25', Add	*17.21*	
		For Elevated Installation >25' To 30', Add	*24.09*	
		For Elevated Installation >30' To 35', Add	*27.53*	
		For Elevated Installation >35' To 40', Add	*34.41*	
		For Elevated Installation >40', Add	*37.85*	
		For Work In Restricted Working Space, Add	*20.65*	
26 05 33 13-1329	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union	320.44	37.85
		For Elevated Installation >10' To 15', Add	*7.57*	
		For Elevated Installation >15' To 20', Add	*15.14*	
		For Elevated Installation >20' To 25', Add	*18.93*	
		For Elevated Installation >25' To 30', Add	*26.50*	
		For Elevated Installation >30' To 35', Add	*30.28*	
		For Elevated Installation >35' To 40', Add	*37.86*	
		For Elevated Installation >40', Add	*41.64*	
		For Work In Restricted Working Space, Add	*22.71*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1330	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union	444.87	47.49
		For Elevated Installation >10' To 15', Add	*9.50*	
		For Elevated Installation >15' To 20', Add	*19.00*	
		For Elevated Installation >20' To 25', Add	*23.75*	
		For Elevated Installation >25' To 30', Add	*33.24*	
		For Elevated Installation >30' To 35', Add	*37.99*	
		For Elevated Installation >35' To 40', Add	*47.49*	
		For Elevated Installation >40', Add	*52.24*	
		For Work In Restricted Working Space, Add	*28.49*	
26 05 33 13-1331	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union	559.06	47.49
		For Elevated Installation >10' To 15', Add	*9.50*	
		For Elevated Installation >15' To 20', Add	*19.00*	
		For Elevated Installation >20' To 25', Add	*23.75*	
		For Elevated Installation >25' To 30', Add	*33.24*	
		For Elevated Installation >30' To 35', Add	*37.99*	
		For Elevated Installation >35' To 40', Add	*47.49*	
		For Elevated Installation >40', Add	*52.24*	
		For Work In Restricted Working Space, Add	*28.49*	
26 05 33 13-1332	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union	750.75	72.95
		For Elevated Installation >10' To 15', Add	*14.59*	
		For Elevated Installation >15' To 20', Add	*29.18*	
		For Elevated Installation >20' To 25', Add	*36.48*	
		For Elevated Installation >25' To 30', Add	*51.07*	
		For Elevated Installation >30' To 35', Add	*58.37*	
		For Elevated Installation >35' To 40', Add	*72.96*	
		For Elevated Installation >40', Add	*80.26*	
		For Work In Restricted Working Space, Add	*43.78*	
26 05 33 13-1333	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union	939.83	94.98
		For Elevated Installation >10' To 15', Add	*19.00*	
		For Elevated Installation >15' To 20', Add	*37.99*	
		For Elevated Installation >20' To 25', Add	*47.49*	
		For Elevated Installation >25' To 30', Add	*66.49*	
		For Elevated Installation >30' To 35', Add	*75.98*	
		For Elevated Installation >35' To 40', Add	*94.98*	
		For Elevated Installation >40', Add	*104.48*	
		For Work In Restricted Working Space, Add	*56.99*	
26 05 33 13-1334	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union	1,707.99	154.86
		For Elevated Installation >10' To 15', Add	*30.97*	
		For Elevated Installation >15' To 20', Add	*61.94*	
		For Elevated Installation >20' To 25', Add	*77.43*	
		For Elevated Installation >25' To 30', Add	*108.40*	
		For Elevated Installation >30' To 35', Add	*123.89*	
		For Elevated Installation >35' To 40', Add	*154.86*	
		For Elevated Installation >40', Add	*170.35*	
		For Work In Restricted Working Space, Add	*92.92*	
26 05 33 13-1335	EA	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union	2,202.53	232.64
		For Elevated Installation >10' To 15', Add	*46.53*	
		For Elevated Installation >15' To 20', Add	*93.06*	
		For Elevated Installation >20' To 25', Add	*116.32*	
		For Elevated Installation >25' To 30', Add	*162.85*	
		For Elevated Installation >30' To 35', Add	*186.11*	
		For Elevated Installation >35' To 40', Add	*232.64*	
		For Elevated Installation >40', Add	*255.90*	
		For Work In Restricted Working Space, Add	*139.58*	

26 05 33 13-1336 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS), Reducing Couplings *(26 05 33 13-0843)*

26 05 33 13-1337	EA	3/4" x 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling	53.37	5.50
		For Elevated Installation >10' To 15', Add	*1.10*	
		For Elevated Installation >15' To 20', Add	*2.20*	
		For Elevated Installation >20' To 25', Add	*2.75*	
		For Elevated Installation >25' To 30', Add	*3.85*	
		For Elevated Installation >30' To 35', Add	*4.40*	
		For Elevated Installation >35' To 40', Add	*5.51*	
		For Elevated Installation >40', Add	*6.06*	
		For Work In Restricted Working Space, Add	*3.30*	
26 05 33 13-1338	EA	1" x 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling	58.67	6.88
		For Elevated Installation >10' To 15', Add	*1.38*	
		For Elevated Installation >15' To 20', Add	*2.75*	
		For Elevated Installation >20' To 25', Add	*3.44*	
		For Elevated Installation >25' To 30', Add	*4.82*	
		For Elevated Installation >30' To 35', Add	*5.51*	
		For Elevated Installation >35' To 40', Add	*6.89*	
		For Elevated Installation >40', Add	*7.57*	
		For Work In Restricted Working Space, Add	*4.13*	
26 05 33 13-1339	EA	1" x 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling	66.58	6.88
		For Elevated Installation >10' To 15', Add	*1.38*	
		For Elevated Installation >15' To 20', Add	*2.75*	
		For Elevated Installation >20' To 25', Add	*3.44*	
		For Elevated Installation >25' To 30', Add	*4.82*	
		For Elevated Installation >30' To 35', Add	*5.51*	
		For Elevated Installation >35' To 40', Add	*6.89*	
		For Elevated Installation >40', Add	*7.57*	
		For Work In Restricted Working Space, Add	*4.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1340	EA	1-1/4" x 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling	82.14	7.57
		For Elevated Installation >10' To 15', Add	*1.51*	
		For Elevated Installation >15' To 20', Add	*3.03*	
		For Elevated Installation >20' To 25', Add	*3.79*	
		For Elevated Installation >25' To 30', Add	*5.30*	
		For Elevated Installation >30' To 35', Add	*6.06*	
		For Elevated Installation >35' To 40', Add	*7.57*	
		For Elevated Installation >40', Add	*8.33*	
		For Work In Restricted Working Space, Add	*4.54*	
26 05 33 13-1341	EA	1-1/4" x 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling	86.70	7.57
		For Elevated Installation >10' To 15', Add	*1.51*	
		For Elevated Installation >15' To 20', Add	*3.03*	
		For Elevated Installation >20' To 25', Add	*3.79*	
		For Elevated Installation >25' To 30', Add	*5.30*	
		For Elevated Installation >30' To 35', Add	*6.06*	
		For Elevated Installation >35' To 40', Add	*7.57*	
		For Elevated Installation >40', Add	*8.33*	
		For Work In Restricted Working Space, Add	*4.54*	
26 05 33 13-1342	EA	1-1/2" x 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling	74.84	8.94
		For Elevated Installation >10' To 15', Add	*1.79*	
		For Elevated Installation >15' To 20', Add	*3.58*	
		For Elevated Installation >20' To 25', Add	*4.48*	
		For Elevated Installation >25' To 30', Add	*6.27*	
		For Elevated Installation >30' To 35', Add	*7.16*	
		For Elevated Installation >35' To 40', Add	*8.95*	
		For Elevated Installation >40', Add	*9.85*	
		For Work In Restricted Working Space, Add	*5.37*	
26 05 33 13-1343	EA	1-1/2" x 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling	85.02	8.94
		For Elevated Installation >10' To 15', Add	*1.79*	
		For Elevated Installation >15' To 20', Add	*3.58*	
		For Elevated Installation >20' To 25', Add	*4.48*	
		For Elevated Installation >25' To 30', Add	*6.27*	
		For Elevated Installation >30' To 35', Add	*7.16*	
		For Elevated Installation >35' To 40', Add	*8.95*	
		For Elevated Installation >40', Add	*9.85*	
		For Work In Restricted Working Space, Add	*5.37*	
26 05 33 13-1344	EA	1-1/2" x 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling	130.85	8.94
		For Elevated Installation >10' To 15', Add	*1.79*	
		For Elevated Installation >15' To 20', Add	*3.58*	
		For Elevated Installation >20' To 25', Add	*4.48*	
		For Elevated Installation >25' To 30', Add	*6.27*	
		For Elevated Installation >30' To 35', Add	*7.16*	
		For Elevated Installation >35' To 40', Add	*8.95*	
		For Elevated Installation >40', Add	*9.85*	
		For Work In Restricted Working Space, Add	*5.37*	
26 05 33 13-1345	EA	2" x 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling	145.50	10.33
		For Elevated Installation >10' To 15', Add	*2.06*	
		For Elevated Installation >15' To 20', Add	*4.13*	
		For Elevated Installation >20' To 25', Add	*5.16*	
		For Elevated Installation >25' To 30', Add	*7.22*	
		For Elevated Installation >30' To 35', Add	*8.26*	
		For Elevated Installation >35' To 40', Add	*10.32*	
		For Elevated Installation >40', Add	*11.35*	
		For Work In Restricted Working Space, Add	*6.19*	
26 05 33 13-1346	EA	2" x 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling	141.55	10.33
		For Elevated Installation >10' To 15', Add	*2.06*	
		For Elevated Installation >15' To 20', Add	*4.13*	
		For Elevated Installation >20' To 25', Add	*5.16*	
		For Elevated Installation >25' To 30', Add	*7.22*	
		For Elevated Installation >30' To 35', Add	*8.26*	
		For Elevated Installation >35' To 40', Add	*10.32*	
		For Elevated Installation >40', Add	*11.35*	
		For Work In Restricted Working Space, Add	*6.19*	
26 05 33 13-1347	EA	2" x 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling	148.90	10.33
		For Elevated Installation >10' To 15', Add	*2.06*	
		For Elevated Installation >15' To 20', Add	*4.13*	
		For Elevated Installation >20' To 25', Add	*5.16*	
		For Elevated Installation >25' To 30', Add	*7.22*	
		For Elevated Installation >30' To 35', Add	*8.26*	
		For Elevated Installation >35' To 40', Add	*10.32*	
		For Elevated Installation >40', Add	*11.35*	
		For Work In Restricted Working Space, Add	*6.19*	
26 05 33 13-1348	EA	2" x 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling	167.38	10.33
		For Elevated Installation >10' To 15', Add	*2.06*	
		For Elevated Installation >15' To 20', Add	*4.13*	
		For Elevated Installation >20' To 25', Add	*5.16*	
		For Elevated Installation >25' To 30', Add	*7.22*	
		For Elevated Installation >30' To 35', Add	*8.26*	
		For Elevated Installation >35' To 40', Add	*10.32*	
		For Elevated Installation >40', Add	*11.35*	
		For Work In Restricted Working Space, Add	*6.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1349	EA	2-1/2" x 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling	166.55	12.39
		For Elevated Installation >10' To 15', Add	*2.48*	
		For Elevated Installation >15' To 20', Add	*4.96*	
		For Elevated Installation >20' To 25', Add	*6.20*	
		For Elevated Installation >25' To 30', Add	*8.67*	
		For Elevated Installation >30' To 35', Add	*9.91*	
		For Elevated Installation >35' To 40', Add	*12.39*	
		For Elevated Installation >40', Add	*13.63*	
		For Work In Restricted Working Space, Add	*7.43*	
26 05 33 13-1350	EA	3" x 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling	212.58	17.21
		For Elevated Installation >10' To 15', Add	*3.44*	
		For Elevated Installation >15' To 20', Add	*6.88*	
		For Elevated Installation >20' To 25', Add	*8.61*	
		For Elevated Installation >25' To 30', Add	*12.05*	
		For Elevated Installation >30' To 35', Add	*13.77*	
		For Elevated Installation >35' To 40', Add	*17.21*	
		For Elevated Installation >40', Add	*18.93*	
		For Work In Restricted Working Space, Add	*10.33*	
26 05 33 13-1351	EA	3-1/2" x 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling	312.23	19.96
		For Elevated Installation >10' To 15', Add	*3.99*	
		For Elevated Installation >15' To 20', Add	*7.98*	
		For Elevated Installation >20' To 25', Add	*9.98*	
		For Elevated Installation >25' To 30', Add	*13.97*	
		For Elevated Installation >30' To 35', Add	*15.97*	
		For Elevated Installation >35' To 40', Add	*19.96*	
		For Elevated Installation >40', Add	*21.96*	
		For Work In Restricted Working Space, Add	*11.98*	
26 05 33 13-1352	EA	4" x 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling	417.87	27.53
		For Elevated Installation >10' To 15', Add	*5.51*	
		For Elevated Installation >15' To 20', Add	*11.01*	
		For Elevated Installation >20' To 25', Add	*13.77*	
		For Elevated Installation >25' To 30', Add	*19.27*	
		For Elevated Installation >30' To 35', Add	*22.03*	
		For Elevated Installation >35' To 40', Add	*27.54*	
		For Elevated Installation >40', Add	*30.29*	
		For Work In Restricted Working Space, Add	*16.52*	
26 05 33 13-1353	EA	5" x 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling	523.02	37.85
		For Elevated Installation >10' To 15', Add	*7.57*	
		For Elevated Installation >15' To 20', Add	*15.14*	
		For Elevated Installation >20' To 25', Add	*18.93*	
		For Elevated Installation >25' To 30', Add	*26.50*	
		For Elevated Installation >30' To 35', Add	*30.28*	
		For Elevated Installation >35' To 40', Add	*37.86*	
		For Elevated Installation >40', Add	*41.64*	
		For Work In Restricted Working Space, Add	*22.71*	

26 05 33 13-1354 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS), Nipples *(26 05 33 13-0843)*

26 05 33 13-1355	EA	1/2" x 2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	34.27	8.26
		For Elevated Installation >10' To 15', Add	*1.65*	
		For Elevated Installation >15' To 20', Add	*3.30*	
		For Elevated Installation >20' To 25', Add	*4.13*	
		For Elevated Installation >25' To 30', Add	*5.78*	
		For Elevated Installation >30' To 35', Add	*6.60*	
		For Elevated Installation >35' To 40', Add	*8.26*	
		For Elevated Installation >40', Add	*9.08*	
		For Work In Restricted Working Space, Add	*4.95*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.95*	
26 05 33 13-1356	EA	3/4" x 2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	38.74	10.33
		For Elevated Installation >10' To 15', Add	*2.06*	
		For Elevated Installation >15' To 20', Add	*4.13*	
		For Elevated Installation >20' To 25', Add	*5.16*	
		For Elevated Installation >25' To 30', Add	*7.22*	
		For Elevated Installation >30' To 35', Add	*8.26*	
		For Elevated Installation >35' To 40', Add	*10.32*	
		For Elevated Installation >40', Add	*11.35*	
		For Work In Restricted Working Space, Add	*6.19*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.19*	
26 05 33 13-1357	EA	1" x 2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	45.24	13.07
		For Elevated Installation >10' To 15', Add	*2.62*	
		For Elevated Installation >15' To 20', Add	*5.23*	
		For Elevated Installation >20' To 25', Add	*6.54*	
		For Elevated Installation >25' To 30', Add	*9.15*	
		For Elevated Installation >30' To 35', Add	*10.46*	
		For Elevated Installation >35' To 40', Add	*13.08*	
		For Elevated Installation >40', Add	*14.38*	
		For Work In Restricted Working Space, Add	*7.85*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.85*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1358	EA	1-1/4" x 2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	53.76	15.14
		For Elevated Installation >10' To 15', Add	*3.03*	
		For Elevated Installation >15' To 20', Add	*6.06*	
		For Elevated Installation >20' To 25', Add	*7.57*	
		For Elevated Installation >25' To 30', Add	*10.60*	
		For Elevated Installation >30' To 35', Add	*12.11*	
		For Elevated Installation >35' To 40', Add	*15.14*	
		For Elevated Installation >40', Add	*16.65*	
		For Work In Restricted Working Space, Add	*9.08*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.08*	
26 05 33 13-1359	EA	1-1/2" x 2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	58.66	17.21
		For Elevated Installation >10' To 15', Add	*3.44*	
		For Elevated Installation >15' To 20', Add	*6.88*	
		For Elevated Installation >20' To 25', Add	*8.60*	
		For Elevated Installation >25' To 30', Add	*12.04*	
		For Elevated Installation >30' To 35', Add	*13.76*	
		For Elevated Installation >35' To 40', Add	*17.21*	
		For Elevated Installation >40', Add	*18.93*	
		For Work In Restricted Working Space, Add	*10.32*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.32*	
26 05 33 13-1360	EA	1/2" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	37.94	8.94
		For Elevated Installation >10' To 15', Add	*1.79*	
		For Elevated Installation >15' To 20', Add	*3.58*	
		For Elevated Installation >20' To 25', Add	*4.48*	
		For Elevated Installation >25' To 30', Add	*6.27*	
		For Elevated Installation >30' To 35', Add	*7.16*	
		For Elevated Installation >35' To 40', Add	*8.95*	
		For Elevated Installation >40', Add	*9.85*	
		For Work In Restricted Working Space, Add	*5.37*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.37*	
26 05 33 13-1361	EA	3/4" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	41.16	10.33
		For Elevated Installation >10' To 15', Add	*2.06*	
		For Elevated Installation >15' To 20', Add	*4.13*	
		For Elevated Installation >20' To 25', Add	*5.16*	
		For Elevated Installation >25' To 30', Add	*7.22*	
		For Elevated Installation >30' To 35', Add	*8.26*	
		For Elevated Installation >35' To 40', Add	*10.32*	
		For Elevated Installation >40', Add	*11.35*	
		For Work In Restricted Working Space, Add	*6.19*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.19*	
26 05 33 13-1362	EA	1" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	47.69	13.07
		For Elevated Installation >10' To 15', Add	*2.62*	
		For Elevated Installation >15' To 20', Add	*5.23*	
		For Elevated Installation >20' To 25', Add	*6.54*	
		For Elevated Installation >25' To 30', Add	*9.15*	
		For Elevated Installation >30' To 35', Add	*10.46*	
		For Elevated Installation >35' To 40', Add	*13.08*	
		For Elevated Installation >40', Add	*14.38*	
		For Work In Restricted Working Space, Add	*7.85*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.85*	
26 05 33 13-1363	EA	1-1/4" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	56.36	15.14
		For Elevated Installation >10' To 15', Add	*3.03*	
		For Elevated Installation >15' To 20', Add	*6.06*	
		For Elevated Installation >20' To 25', Add	*7.57*	
		For Elevated Installation >25' To 30', Add	*10.60*	
		For Elevated Installation >30' To 35', Add	*12.11*	
		For Elevated Installation >35' To 40', Add	*15.14*	
		For Elevated Installation >40', Add	*16.65*	
		For Work In Restricted Working Space, Add	*9.08*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.08*	
26 05 33 13-1364	EA	1-1/2" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	61.46	17.21
		For Elevated Installation >10' To 15', Add	*3.44*	
		For Elevated Installation >15' To 20', Add	*6.88*	
		For Elevated Installation >20' To 25', Add	*8.60*	
		For Elevated Installation >25' To 30', Add	*12.04*	
		For Elevated Installation >30' To 35', Add	*13.76*	
		For Elevated Installation >35' To 40', Add	*17.21*	
		For Elevated Installation >40', Add	*18.93*	
		For Work In Restricted Working Space, Add	*10.32*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.32*	
26 05 33 13-1365	EA	2" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	66.80	19.27
		For Elevated Installation >10' To 15', Add	*3.85*	
		For Elevated Installation >15' To 20', Add	*7.71*	
		For Elevated Installation >20' To 25', Add	*9.64*	
		For Elevated Installation >25' To 30', Add	*13.49*	
		For Elevated Installation >30' To 35', Add	*15.42*	
		For Elevated Installation >35' To 40', Add	*19.27*	
		For Elevated Installation >40', Add	*21.20*	
		For Work In Restricted Working Space, Add	*11.56*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.56*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1366	EA	1/2" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	38.11	8.94
		For Elevated Installation >10' To 15', Add	*1.79*	
		For Elevated Installation >15' To 20', Add	*3.58*	
		For Elevated Installation >20' To 25', Add	*4.48*	
		For Elevated Installation >25' To 30', Add	*6.27*	
		For Elevated Installation >30' To 35', Add	*7.16*	
		For Elevated Installation >35' To 40', Add	*8.95*	
		For Elevated Installation >40', Add	*9.85*	
		For Work In Restricted Working Space, Add	*5.37*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.37*	
26 05 33 13-1367	EA	3/4" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	41.33	10.33
		For Elevated Installation >10' To 15', Add	*2.06*	
		For Elevated Installation >15' To 20', Add	*4.13*	
		For Elevated Installation >20' To 25', Add	*5.16*	
		For Elevated Installation >25' To 30', Add	*7.22*	
		For Elevated Installation >30' To 35', Add	*8.26*	
		For Elevated Installation >35' To 40', Add	*10.32*	
		For Elevated Installation >40', Add	*11.35*	
		For Work In Restricted Working Space, Add	*6.19*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.19*	
26 05 33 13-1368	EA	1" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	48.01	13.07
		For Elevated Installation >10' To 15', Add	*2.62*	
		For Elevated Installation >15' To 20', Add	*5.23*	
		For Elevated Installation >20' To 25', Add	*6.54*	
		For Elevated Installation >25' To 30', Add	*9.15*	
		For Elevated Installation >30' To 35', Add	*10.46*	
		For Elevated Installation >35' To 40', Add	*13.08*	
		For Elevated Installation >40', Add	*14.38*	
		For Work In Restricted Working Space, Add	*7.85*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.85*	
26 05 33 13-1369	EA	1-1/4" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	56.70	15.14
		For Elevated Installation >10' To 15', Add	*3.03*	
		For Elevated Installation >15' To 20', Add	*6.06*	
		For Elevated Installation >20' To 25', Add	*7.57*	
		For Elevated Installation >25' To 30', Add	*10.60*	
		For Elevated Installation >30' To 35', Add	*12.11*	
		For Elevated Installation >35' To 40', Add	*15.14*	
		For Elevated Installation >40', Add	*16.65*	
		For Work In Restricted Working Space, Add	*9.08*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.08*	
26 05 33 13-1370	EA	1-1/2" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	61.80	17.21
		For Elevated Installation >10' To 15', Add	*3.44*	
		For Elevated Installation >15' To 20', Add	*6.88*	
		For Elevated Installation >20' To 25', Add	*8.60*	
		For Elevated Installation >25' To 30', Add	*12.04*	
		For Elevated Installation >30' To 35', Add	*13.76*	
		For Elevated Installation >35' To 40', Add	*17.21*	
		For Elevated Installation >40', Add	*18.93*	
		For Work In Restricted Working Space, Add	*10.32*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.32*	
26 05 33 13-1371	EA	2" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	67.68	19.27
		For Elevated Installation >10' To 15', Add	*3.85*	
		For Elevated Installation >15' To 20', Add	*7.71*	
		For Elevated Installation >20' To 25', Add	*9.64*	
		For Elevated Installation >25' To 30', Add	*13.49*	
		For Elevated Installation >30' To 35', Add	*15.42*	
		For Elevated Installation >35' To 40', Add	*19.27*	
		For Elevated Installation >40', Add	*21.20*	
		For Work In Restricted Working Space, Add	*11.56*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.56*	
26 05 33 13-1372	EA	1/2" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	40.41	8.94
		For Elevated Installation >10' To 15', Add	*1.79*	
		For Elevated Installation >15' To 20', Add	*3.58*	
		For Elevated Installation >20' To 25', Add	*4.48*	
		For Elevated Installation >25' To 30', Add	*6.27*	
		For Elevated Installation >30' To 35', Add	*7.16*	
		For Elevated Installation >35' To 40', Add	*8.95*	
		For Elevated Installation >40', Add	*9.85*	
		For Work In Restricted Working Space, Add	*5.37*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.37*	
26 05 33 13-1373	EA	3/4" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	43.64	10.33
		For Elevated Installation >10' To 15', Add	*2.06*	
		For Elevated Installation >15' To 20', Add	*4.13*	
		For Elevated Installation >20' To 25', Add	*5.16*	
		For Elevated Installation >25' To 30', Add	*7.22*	
		For Elevated Installation >30' To 35', Add	*8.26*	
		For Elevated Installation >35' To 40', Add	*10.32*	
		For Elevated Installation >40', Add	*11.35*	
		For Work In Restricted Working Space, Add	*6.19*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1374	EA	1" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	50.48	13.07
		For Elevated Installation >10' To 15', Add	*2.62*	
		For Elevated Installation >15' To 20', Add	*5.23*	
		For Elevated Installation >20' To 25', Add	*6.54*	
		For Elevated Installation >25' To 30', Add	*9.15*	
		For Elevated Installation >30' To 35', Add	*10.46*	
		For Elevated Installation >35' To 40', Add	*13.08*	
		For Elevated Installation >40', Add	*14.38*	
		For Work In Restricted Working Space, Add	*7.85*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.85*	
26 05 33 13-1375	EA	1-1/4" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	58.11	15.14
		For Elevated Installation >10' To 15', Add	*3.03*	
		For Elevated Installation >15' To 20', Add	*6.06*	
		For Elevated Installation >20' To 25', Add	*7.57*	
		For Elevated Installation >25' To 30', Add	*10.60*	
		For Elevated Installation >30' To 35', Add	*12.11*	
		For Elevated Installation >35' To 40', Add	*15.14*	
		For Elevated Installation >40', Add	*16.65*	
		For Work In Restricted Working Space, Add	*9.08*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.08*	
26 05 33 13-1376	EA	1-1/2" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	63.35	17.21
		For Elevated Installation >10' To 15', Add	*3.44*	
		For Elevated Installation >15' To 20', Add	*6.88*	
		For Elevated Installation >20' To 25', Add	*8.60*	
		For Elevated Installation >25' To 30', Add	*12.04*	
		For Elevated Installation >30' To 35', Add	*13.76*	
		For Elevated Installation >35' To 40', Add	*17.21*	
		For Elevated Installation >40', Add	*18.93*	
		For Work In Restricted Working Space, Add	*10.32*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.32*	
26 05 33 13-1377	EA	2" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	70.39	19.27
		For Elevated Installation >10' To 15', Add	*3.85*	
		For Elevated Installation >15' To 20', Add	*7.71*	
		For Elevated Installation >20' To 25', Add	*9.64*	
		For Elevated Installation >25' To 30', Add	*13.49*	
		For Elevated Installation >30' To 35', Add	*15.42*	
		For Elevated Installation >35' To 40', Add	*19.27*	
		For Elevated Installation >40', Add	*21.20*	
		For Work In Restricted Working Space, Add	*11.56*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.56*	
26 05 33 13-1378	EA	2-1/2" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	97.35	23.40
		For Elevated Installation >10' To 15', Add	*4.68*	
		For Elevated Installation >15' To 20', Add	*9.36*	
		For Elevated Installation >20' To 25', Add	*11.70*	
		For Elevated Installation >25' To 30', Add	*16.38*	
		For Elevated Installation >30' To 35', Add	*18.72*	
		For Elevated Installation >35' To 40', Add	*23.40*	
		For Elevated Installation >40', Add	*25.73*	
		For Work In Restricted Working Space, Add	*14.04*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.04*	
26 05 33 13-1379	EA	3" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	126.55	32.35
		For Elevated Installation >10' To 15', Add	*6.47*	
		For Elevated Installation >15' To 20', Add	*12.94*	
		For Elevated Installation >20' To 25', Add	*16.17*	
		For Elevated Installation >25' To 30', Add	*22.64*	
		For Elevated Installation >30' To 35', Add	*25.88*	
		For Elevated Installation >35' To 40', Add	*32.35*	
		For Elevated Installation >40', Add	*35.58*	
		For Work In Restricted Working Space, Add	*19.41*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.41*	
26 05 33 13-1380	EA	1/2" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	40.58	8.94
		For Elevated Installation >10' To 15', Add	*1.79*	
		For Elevated Installation >15' To 20', Add	*3.58*	
		For Elevated Installation >20' To 25', Add	*4.48*	
		For Elevated Installation >25' To 30', Add	*6.27*	
		For Elevated Installation >30' To 35', Add	*7.16*	
		For Elevated Installation >35' To 40', Add	*8.95*	
		For Elevated Installation >40', Add	*9.85*	
		For Work In Restricted Working Space, Add	*5.37*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.37*	
26 05 33 13-1381	EA	3/4" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	43.95	10.33
		For Elevated Installation >10' To 15', Add	*2.06*	
		For Elevated Installation >15' To 20', Add	*4.13*	
		For Elevated Installation >20' To 25', Add	*5.16*	
		For Elevated Installation >25' To 30', Add	*7.22*	
		For Elevated Installation >30' To 35', Add	*8.26*	
		For Elevated Installation >35' To 40', Add	*10.32*	
		For Elevated Installation >40', Add	*11.35*	
		For Work In Restricted Working Space, Add	*6.19*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1382	EA	1" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	50.82	13.07
		For Elevated Installation >10' To 15', Add	*2.62*	
		For Elevated Installation >15' To 20', Add	*5.23*	
		For Elevated Installation >20' To 25', Add	*6.54*	
		For Elevated Installation >25' To 30', Add	*9.15*	
		For Elevated Installation >30' To 35', Add	*10.46*	
		For Elevated Installation >35' To 40', Add	*13.08*	
		For Elevated Installation >40', Add	*14.38*	
		For Work In Restricted Working Space, Add	*7.85*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.85*	
26 05 33 13-1383	EA	1-1/4" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	59.51	15.14
		For Elevated Installation >10' To 15', Add	*3.03*	
		For Elevated Installation >15' To 20', Add	*6.06*	
		For Elevated Installation >20' To 25', Add	*7.57*	
		For Elevated Installation >25' To 30', Add	*10.60*	
		For Elevated Installation >30' To 35', Add	*12.11*	
		For Elevated Installation >35' To 40', Add	*15.14*	
		For Elevated Installation >40', Add	*16.65*	
		For Work In Restricted Working Space, Add	*9.08*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.08*	
26 05 33 13-1384	EA	1-1/2" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	64.90	17.21
		For Elevated Installation >10' To 15', Add	*3.44*	
		For Elevated Installation >15' To 20', Add	*6.88*	
		For Elevated Installation >20' To 25', Add	*8.60*	
		For Elevated Installation >25' To 30', Add	*12.04*	
		For Elevated Installation >30' To 35', Add	*13.76*	
		For Elevated Installation >35' To 40', Add	*17.21*	
		For Elevated Installation >40', Add	*18.93*	
		For Work In Restricted Working Space, Add	*10.32*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.32*	
26 05 33 13-1385	EA	2" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	73.11	19.27
		For Elevated Installation >10' To 15', Add	*3.85*	
		For Elevated Installation >15' To 20', Add	*7.71*	
		For Elevated Installation >20' To 25', Add	*9.64*	
		For Elevated Installation >25' To 30', Add	*13.49*	
		For Elevated Installation >30' To 35', Add	*15.42*	
		For Elevated Installation >35' To 40', Add	*19.27*	
		For Elevated Installation >40', Add	*21.20*	
		For Work In Restricted Working Space, Add	*11.56*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.56*	
26 05 33 13-1386	EA	2-1/2" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	99.75	23.40
		For Elevated Installation >10' To 15', Add	*4.68*	
		For Elevated Installation >15' To 20', Add	*9.36*	
		For Elevated Installation >20' To 25', Add	*11.70*	
		For Elevated Installation >25' To 30', Add	*16.38*	
		For Elevated Installation >30' To 35', Add	*18.72*	
		For Elevated Installation >35' To 40', Add	*23.40*	
		For Elevated Installation >40', Add	*25.73*	
		For Work In Restricted Working Space, Add	*14.04*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.04*	
26 05 33 13-1387	EA	3" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	131.72	32.35
		For Elevated Installation >10' To 15', Add	*6.47*	
		For Elevated Installation >15' To 20', Add	*12.94*	
		For Elevated Installation >20' To 25', Add	*16.17*	
		For Elevated Installation >25' To 30', Add	*22.64*	
		For Elevated Installation >30' To 35', Add	*25.88*	
		For Elevated Installation >35' To 40', Add	*32.35*	
		For Elevated Installation >40', Add	*35.58*	
		For Work In Restricted Working Space, Add	*19.41*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.41*	
26 05 33 13-1388	EA	3-1/2" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	156.55	36.48
		For Elevated Installation >10' To 15', Add	*7.30*	
		For Elevated Installation >15' To 20', Add	*14.59*	
		For Elevated Installation >20' To 25', Add	*18.24*	
		For Elevated Installation >25' To 30', Add	*25.53*	
		For Elevated Installation >30' To 35', Add	*29.18*	
		For Elevated Installation >35' To 40', Add	*36.48*	
		For Elevated Installation >40', Add	*40.12*	
		For Work In Restricted Working Space, Add	*21.89*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.89*	
26 05 33 13-1389	EA	4" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	184.41	47.49
		For Elevated Installation >10' To 15', Add	*9.50*	
		For Elevated Installation >15' To 20', Add	*18.99*	
		For Elevated Installation >20' To 25', Add	*23.74*	
		For Elevated Installation >25' To 30', Add	*33.24*	
		For Elevated Installation >30' To 35', Add	*37.99*	
		For Elevated Installation >35' To 40', Add	*47.49*	
		For Elevated Installation >40', Add	*52.23*	
		For Work In Restricted Working Space, Add	*28.49*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*28.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1390	EA	1/2" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	40.90	8.94
		For Elevated Installation >10' To 15', Add	*1.79*	
		For Elevated Installation >15' To 20', Add	*3.58*	
		For Elevated Installation >20' To 25', Add	*4.48*	
		For Elevated Installation >25' To 30', Add	*6.27*	
		For Elevated Installation >30' To 35', Add	*7.16*	
		For Elevated Installation >35' To 40', Add	*8.95*	
		For Elevated Installation >40', Add	*9.85*	
		For Work In Restricted Working Space, Add	*5.37*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.37*	
26 05 33 13-1391	EA	3/4" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	44.29	10.33
		For Elevated Installation >10' To 15', Add	*2.06*	
		For Elevated Installation >15' To 20', Add	*4.13*	
		For Elevated Installation >20' To 25', Add	*5.16*	
		For Elevated Installation >25' To 30', Add	*7.22*	
		For Elevated Installation >30' To 35', Add	*8.26*	
		For Elevated Installation >35' To 40', Add	*10.32*	
		For Elevated Installation >40', Add	*11.35*	
		For Work In Restricted Working Space, Add	*6.19*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.19*	
26 05 33 13-1392	EA	1" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	51.19	13.07
		For Elevated Installation >10' To 15', Add	*2.62*	
		For Elevated Installation >15' To 20', Add	*5.23*	
		For Elevated Installation >20' To 25', Add	*6.54*	
		For Elevated Installation >25' To 30', Add	*9.15*	
		For Elevated Installation >30' To 35', Add	*10.46*	
		For Elevated Installation >35' To 40', Add	*13.08*	
		For Elevated Installation >40', Add	*14.38*	
		For Work In Restricted Working Space, Add	*7.85*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.85*	
26 05 33 13-1393	EA	1-1/4" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	60.17	15.14
		For Elevated Installation >10' To 15', Add	*3.03*	
		For Elevated Installation >15' To 20', Add	*6.06*	
		For Elevated Installation >20' To 25', Add	*7.57*	
		For Elevated Installation >25' To 30', Add	*10.60*	
		For Elevated Installation >30' To 35', Add	*12.11*	
		For Elevated Installation >35' To 40', Add	*15.14*	
		For Elevated Installation >40', Add	*16.65*	
		For Work In Restricted Working Space, Add	*9.08*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.08*	
26 05 33 13-1394	EA	1-1/2" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	65.58	17.21
		For Elevated Installation >10' To 15', Add	*3.44*	
		For Elevated Installation >15' To 20', Add	*6.88*	
		For Elevated Installation >20' To 25', Add	*8.60*	
		For Elevated Installation >25' To 30', Add	*12.04*	
		For Elevated Installation >30' To 35', Add	*13.76*	
		For Elevated Installation >35' To 40', Add	*17.21*	
		For Elevated Installation >40', Add	*18.93*	
		For Work In Restricted Working Space, Add	*10.32*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.32*	
26 05 33 13-1395	EA	2" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	74.59	19.27
		For Elevated Installation >10' To 15', Add	*3.85*	
		For Elevated Installation >15' To 20', Add	*7.71*	
		For Elevated Installation >20' To 25', Add	*9.64*	
		For Elevated Installation >25' To 30', Add	*13.49*	
		For Elevated Installation >30' To 35', Add	*15.42*	
		For Elevated Installation >35' To 40', Add	*19.27*	
		For Elevated Installation >40', Add	*21.20*	
		For Work In Restricted Working Space, Add	*11.56*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.56*	
26 05 33 13-1396	EA	2-1/2" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	109.31	23.40
		For Elevated Installation >10' To 15', Add	*4.68*	
		For Elevated Installation >15' To 20', Add	*9.36*	
		For Elevated Installation >20' To 25', Add	*11.70*	
		For Elevated Installation >25' To 30', Add	*16.38*	
		For Elevated Installation >30' To 35', Add	*18.72*	
		For Elevated Installation >35' To 40', Add	*23.40*	
		For Elevated Installation >40', Add	*25.73*	
		For Work In Restricted Working Space, Add	*14.04*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.04*	
26 05 33 13-1397	EA	3" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	139.46	32.35
		For Elevated Installation >10' To 15', Add	*6.47*	
		For Elevated Installation >15' To 20', Add	*12.94*	
		For Elevated Installation >20' To 25', Add	*16.17*	
		For Elevated Installation >25' To 30', Add	*22.64*	
		For Elevated Installation >30' To 35', Add	*25.88*	
		For Elevated Installation >35' To 40', Add	*32.35*	
		For Elevated Installation >40', Add	*35.58*	
		For Work In Restricted Working Space, Add	*19.41*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1398	EA	3-1/2" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	158.20	36.48
		For Elevated Installation >10' To 15', Add	*7.30*	
		For Elevated Installation >15' To 20', Add	*14.59*	
		For Elevated Installation >20' To 25', Add	*18.24*	
		For Elevated Installation >25' To 30', Add	*25.53*	
		For Elevated Installation >30' To 35', Add	*29.18*	
		For Elevated Installation >35' To 40', Add	*36.48*	
		For Elevated Installation >40', Add	*40.12*	
		For Work In Restricted Working Space, Add	*21.89*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.89*	
26 05 33 13-1399	EA	4" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	188.83	47.49
		For Elevated Installation >10' To 15', Add	*9.50*	
		For Elevated Installation >15' To 20', Add	*18.99*	
		For Elevated Installation >20' To 25', Add	*23.74*	
		For Elevated Installation >25' To 30', Add	*33.24*	
		For Elevated Installation >30' To 35', Add	*37.99*	
		For Elevated Installation >35' To 40', Add	*47.49*	
		For Elevated Installation >40', Add	*52.23*	
		For Work In Restricted Working Space, Add	*28.49*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*28.49*	
26 05 33 13-1400	EA	5" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	276.76	65.38
		For Elevated Installation >10' To 15', Add	*13.08*	
		For Elevated Installation >15' To 20', Add	*26.15*	
		For Elevated Installation >20' To 25', Add	*32.69*	
		For Elevated Installation >25' To 30', Add	*45.77*	
		For Elevated Installation >30' To 35', Add	*52.31*	
		For Elevated Installation >35' To 40', Add	*65.39*	
		For Elevated Installation >40', Add	*71.92*	
		For Work In Restricted Working Space, Add	*39.23*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*39.23*	
26 05 33 13-1401	EA	1/2" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	41.50	8.94
		For Elevated Installation >10' To 15', Add	*1.79*	
		For Elevated Installation >15' To 20', Add	*3.58*	
		For Elevated Installation >20' To 25', Add	*4.48*	
		For Elevated Installation >25' To 30', Add	*6.27*	
		For Elevated Installation >30' To 35', Add	*7.16*	
		For Elevated Installation >35' To 40', Add	*8.95*	
		For Elevated Installation >40', Add	*9.85*	
		For Work In Restricted Working Space, Add	*5.37*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.37*	
26 05 33 13-1402	EA	3/4" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	44.90	10.33
		For Elevated Installation >10' To 15', Add	*2.06*	
		For Elevated Installation >15' To 20', Add	*4.13*	
		For Elevated Installation >20' To 25', Add	*5.16*	
		For Elevated Installation >25' To 30', Add	*7.22*	
		For Elevated Installation >30' To 35', Add	*8.26*	
		For Elevated Installation >35' To 40', Add	*10.32*	
		For Elevated Installation >40', Add	*11.35*	
		For Work In Restricted Working Space, Add	*6.19*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.19*	
26 05 33 13-1403	EA	1" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	51.84	13.07
		For Elevated Installation >10' To 15', Add	*2.62*	
		For Elevated Installation >15' To 20', Add	*5.23*	
		For Elevated Installation >20' To 25', Add	*6.54*	
		For Elevated Installation >25' To 30', Add	*9.15*	
		For Elevated Installation >30' To 35', Add	*10.46*	
		For Elevated Installation >35' To 40', Add	*13.08*	
		For Elevated Installation >40', Add	*14.38*	
		For Work In Restricted Working Space, Add	*7.85*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.85*	
26 05 33 13-1404	EA	1-1/4" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	61.38	15.14
		For Elevated Installation >10' To 15', Add	*3.03*	
		For Elevated Installation >15' To 20', Add	*6.06*	
		For Elevated Installation >20' To 25', Add	*7.57*	
		For Elevated Installation >25' To 30', Add	*10.60*	
		For Elevated Installation >30' To 35', Add	*12.11*	
		For Elevated Installation >35' To 40', Add	*15.14*	
		For Elevated Installation >40', Add	*16.65*	
		For Work In Restricted Working Space, Add	*9.08*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.08*	
26 05 33 13-1405	EA	1-1/2" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	67.04	17.21
		For Elevated Installation >10' To 15', Add	*3.44*	
		For Elevated Installation >15' To 20', Add	*6.88*	
		For Elevated Installation >20' To 25', Add	*8.60*	
		For Elevated Installation >25' To 30', Add	*12.04*	
		For Elevated Installation >30' To 35', Add	*13.76*	
		For Elevated Installation >35' To 40', Add	*17.21*	
		For Elevated Installation >40', Add	*18.93*	
		For Work In Restricted Working Space, Add	*10.32*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.32*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1406	EA	2" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	76.07	19.27
		For Elevated Installation >10' To 15', Add	*3.85*	
		For Elevated Installation >15' To 20', Add	*7.71*	
		For Elevated Installation >20' To 25', Add	*9.64*	
		For Elevated Installation >25' To 30', Add	*13.49*	
		For Elevated Installation >30' To 35', Add	*15.42*	
		For Elevated Installation >35' To 40', Add	*19.27*	
		For Elevated Installation >40', Add	*21.20*	
		For Work In Restricted Working Space, Add	*11.56*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.56*	
26 05 33 13-1407	EA	2-1/2" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	119.01	23.40
		For Elevated Installation >10' To 15', Add	*4.68*	
		For Elevated Installation >15' To 20', Add	*9.36*	
		For Elevated Installation >20' To 25', Add	*11.70*	
		For Elevated Installation >25' To 30', Add	*16.38*	
		For Elevated Installation >30' To 35', Add	*18.72*	
		For Elevated Installation >35' To 40', Add	*23.40*	
		For Elevated Installation >40', Add	*25.73*	
		For Work In Restricted Working Space, Add	*14.04*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.04*	
26 05 33 13-1408	EA	3" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	149.74	32.35
		For Elevated Installation >10' To 15', Add	*6.47*	
		For Elevated Installation >15' To 20', Add	*12.94*	
		For Elevated Installation >20' To 25', Add	*16.17*	
		For Elevated Installation >25' To 30', Add	*22.64*	
		For Elevated Installation >30' To 35', Add	*25.88*	
		For Elevated Installation >35' To 40', Add	*32.35*	
		For Elevated Installation >40', Add	*35.58*	
		For Work In Restricted Working Space, Add	*19.41*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.41*	
26 05 33 13-1409	EA	3-1/2" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	167.46	36.48
		For Elevated Installation >10' To 15', Add	*7.30*	
		For Elevated Installation >15' To 20', Add	*14.59*	
		For Elevated Installation >20' To 25', Add	*18.24*	
		For Elevated Installation >25' To 30', Add	*25.53*	
		For Elevated Installation >30' To 35', Add	*29.18*	
		For Elevated Installation >35' To 40', Add	*36.48*	
		For Elevated Installation >40', Add	*40.12*	
		For Work In Restricted Working Space, Add	*21.89*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.89*	
26 05 33 13-1410	EA	4" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	204.45	47.49
		For Elevated Installation >10' To 15', Add	*9.50*	
		For Elevated Installation >15' To 20', Add	*18.99*	
		For Elevated Installation >20' To 25', Add	*23.74*	
		For Elevated Installation >25' To 30', Add	*33.24*	
		For Elevated Installation >30' To 35', Add	*37.99*	
		For Elevated Installation >35' To 40', Add	*47.49*	
		For Elevated Installation >40', Add	*52.23*	
		For Work In Restricted Working Space, Add	*28.49*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*28.49*	
26 05 33 13-1411	EA	5" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	300.12	65.38
		For Elevated Installation >10' To 15', Add	*13.08*	
		For Elevated Installation >15' To 20', Add	*26.15*	
		For Elevated Installation >20' To 25', Add	*32.69*	
		For Elevated Installation >25' To 30', Add	*45.77*	
		For Elevated Installation >30' To 35', Add	*52.31*	
		For Elevated Installation >35' To 40', Add	*65.39*	
		For Elevated Installation >40', Add	*71.92*	
		For Work In Restricted Working Space, Add	*39.23*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*39.23*	
26 05 33 13-1412	EA	1/2" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	42.45	8.94
		For Elevated Installation >10' To 15', Add	*1.79*	
		For Elevated Installation >15' To 20', Add	*3.58*	
		For Elevated Installation >20' To 25', Add	*4.48*	
		For Elevated Installation >25' To 30', Add	*6.27*	
		For Elevated Installation >30' To 35', Add	*7.16*	
		For Elevated Installation >35' To 40', Add	*8.95*	
		For Elevated Installation >40', Add	*9.85*	
		For Work In Restricted Working Space, Add	*5.37*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.37*	
26 05 33 13-1413	EA	3/4" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	45.82	10.33
		For Elevated Installation >10' To 15', Add	*2.06*	
		For Elevated Installation >15' To 20', Add	*4.13*	
		For Elevated Installation >20' To 25', Add	*5.16*	
		For Elevated Installation >25' To 30', Add	*7.22*	
		For Elevated Installation >30' To 35', Add	*8.26*	
		For Elevated Installation >35' To 40', Add	*10.32*	
		For Elevated Installation >40', Add	*11.35*	
		For Work In Restricted Working Space, Add	*6.19*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1414	EA	1" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	53.30	13.07
		For Elevated Installation >10' To 15', Add	*2.62*	
		For Elevated Installation >15' To 20', Add	*5.23*	
		For Elevated Installation >20' To 25', Add	*6.54*	
		For Elevated Installation >25' To 30', Add	*9.15*	
		For Elevated Installation >30' To 35', Add	*10.46*	
		For Elevated Installation >35' To 40', Add	*13.08*	
		For Elevated Installation >40', Add	*14.38*	
		For Work In Restricted Working Space, Add	*7.85*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.85*	
26 05 33 13-1415	EA	1-1/4" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	61.70	15.14
		For Elevated Installation >10' To 15', Add	*3.03*	
		For Elevated Installation >15' To 20', Add	*6.06*	
		For Elevated Installation >20' To 25', Add	*7.57*	
		For Elevated Installation >25' To 30', Add	*10.60*	
		For Elevated Installation >30' To 35', Add	*12.11*	
		For Elevated Installation >35' To 40', Add	*15.14*	
		For Elevated Installation >40', Add	*16.65*	
		For Work In Restricted Working Space, Add	*9.08*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.08*	
26 05 33 13-1416	EA	1-1/2" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	70.00	17.21
		For Elevated Installation >10' To 15', Add	*3.44*	
		For Elevated Installation >15' To 20', Add	*6.88*	
		For Elevated Installation >20' To 25', Add	*8.60*	
		For Elevated Installation >25' To 30', Add	*12.04*	
		For Elevated Installation >30' To 35', Add	*13.76*	
		For Elevated Installation >35' To 40', Add	*17.21*	
		For Elevated Installation >40', Add	*18.93*	
		For Work In Restricted Working Space, Add	*10.32*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.32*	
26 05 33 13-1417	EA	2" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	83.30	19.27
		For Elevated Installation >10' To 15', Add	*3.85*	
		For Elevated Installation >15' To 20', Add	*7.71*	
		For Elevated Installation >20' To 25', Add	*9.64*	
		For Elevated Installation >25' To 30', Add	*13.49*	
		For Elevated Installation >30' To 35', Add	*15.42*	
		For Elevated Installation >35' To 40', Add	*19.27*	
		For Elevated Installation >40', Add	*21.20*	
		For Work In Restricted Working Space, Add	*11.56*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.56*	
26 05 33 13-1418	EA	2-1/2" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	130.94	23.40
		For Elevated Installation >10' To 15', Add	*4.68*	
		For Elevated Installation >15' To 20', Add	*9.36*	
		For Elevated Installation >20' To 25', Add	*11.70*	
		For Elevated Installation >25' To 30', Add	*16.38*	
		For Elevated Installation >30' To 35', Add	*18.72*	
		For Elevated Installation >35' To 40', Add	*23.40*	
		For Elevated Installation >40', Add	*25.73*	
		For Work In Restricted Working Space, Add	*14.04*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.04*	
26 05 33 13-1419	EA	3" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	163.81	32.35
		For Elevated Installation >10' To 15', Add	*6.47*	
		For Elevated Installation >15' To 20', Add	*12.94*	
		For Elevated Installation >20' To 25', Add	*16.17*	
		For Elevated Installation >25' To 30', Add	*22.64*	
		For Elevated Installation >30' To 35', Add	*25.88*	
		For Elevated Installation >35' To 40', Add	*32.35*	
		For Elevated Installation >40', Add	*35.58*	
		For Work In Restricted Working Space, Add	*19.41*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.41*	
26 05 33 13-1420	EA	3-1/2" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	190.66	36.48
		For Elevated Installation >10' To 15', Add	*7.30*	
		For Elevated Installation >15' To 20', Add	*14.59*	
		For Elevated Installation >20' To 25', Add	*18.24*	
		For Elevated Installation >25' To 30', Add	*25.53*	
		For Elevated Installation >30' To 35', Add	*29.18*	
		For Elevated Installation >35' To 40', Add	*36.48*	
		For Elevated Installation >40', Add	*40.12*	
		For Work In Restricted Working Space, Add	*21.89*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.89*	
26 05 33 13-1421	EA	4" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	227.91	47.49
		For Elevated Installation >10' To 15', Add	*9.50*	
		For Elevated Installation >15' To 20', Add	*18.99*	
		For Elevated Installation >20' To 25', Add	*23.74*	
		For Elevated Installation >25' To 30', Add	*33.24*	
		For Elevated Installation >30' To 35', Add	*37.99*	
		For Elevated Installation >35' To 40', Add	*47.49*	
		For Elevated Installation >40', Add	*52.23*	
		For Work In Restricted Working Space, Add	*28.49*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*28.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1422	EA	5" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	316.13	65.38
		For Elevated Installation >10' To 15', Add	*13.08*	
		For Elevated Installation >15' To 20', Add	*26.15*	
		For Elevated Installation >20' To 25', Add	*32.69*	
		For Elevated Installation >25' To 30', Add	*45.77*	
		For Elevated Installation >30' To 35', Add	*52.31*	
		For Elevated Installation >35' To 40', Add	*65.39*	
		For Elevated Installation >40', Add	*71.92*	
		For Work In Restricted Working Space, Add	*39.23*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*39.23*	
26 05 33 13-1423	EA	1/2" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	43.44	8.94
		For Elevated Installation >10' To 15', Add	*1.79*	
		For Elevated Installation >15' To 20', Add	*3.58*	
		For Elevated Installation >20' To 25', Add	*4.48*	
		For Elevated Installation >25' To 30', Add	*6.27*	
		For Elevated Installation >30' To 35', Add	*7.16*	
		For Elevated Installation >35' To 40', Add	*8.95*	
		For Elevated Installation >40', Add	*9.85*	
		For Work In Restricted Working Space, Add	*5.37*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.37*	
26 05 33 13-1424	EA	3/4" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	46.79	10.33
		For Elevated Installation >10' To 15', Add	*2.06*	
		For Elevated Installation >15' To 20', Add	*4.13*	
		For Elevated Installation >20' To 25', Add	*5.16*	
		For Elevated Installation >25' To 30', Add	*7.22*	
		For Elevated Installation >30' To 35', Add	*8.26*	
		For Elevated Installation >35' To 40', Add	*10.32*	
		For Elevated Installation >40', Add	*11.35*	
		For Work In Restricted Working Space, Add	*6.19*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.19*	
26 05 33 13-1425	EA	1" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	54.73	13.07
		For Elevated Installation >10' To 15', Add	*2.62*	
		For Elevated Installation >15' To 20', Add	*5.23*	
		For Elevated Installation >20' To 25', Add	*6.54*	
		For Elevated Installation >25' To 30', Add	*9.15*	
		For Elevated Installation >30' To 35', Add	*10.46*	
		For Elevated Installation >35' To 40', Add	*13.08*	
		For Elevated Installation >40', Add	*14.38*	
		For Work In Restricted Working Space, Add	*7.85*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.85*	
26 05 33 13-1426	EA	1-1/4" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	66.06	15.14
		For Elevated Installation >10' To 15', Add	*3.03*	
		For Elevated Installation >15' To 20', Add	*6.06*	
		For Elevated Installation >20' To 25', Add	*7.57*	
		For Elevated Installation >25' To 30', Add	*10.60*	
		For Elevated Installation >30' To 35', Add	*12.11*	
		For Elevated Installation >35' To 40', Add	*15.14*	
		For Elevated Installation >40', Add	*16.65*	
		For Work In Restricted Working Space, Add	*9.08*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.08*	
26 05 33 13-1427	EA	1-1/2" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	77.03	17.21
		For Elevated Installation >10' To 15', Add	*3.44*	
		For Elevated Installation >15' To 20', Add	*6.88*	
		For Elevated Installation >20' To 25', Add	*8.60*	
		For Elevated Installation >25' To 30', Add	*12.04*	
		For Elevated Installation >30' To 35', Add	*13.76*	
		For Elevated Installation >35' To 40', Add	*17.21*	
		For Elevated Installation >40', Add	*18.93*	
		For Work In Restricted Working Space, Add	*10.32*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.32*	
26 05 33 13-1428	EA	2" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	93.92	19.27
		For Elevated Installation >10' To 15', Add	*3.85*	
		For Elevated Installation >15' To 20', Add	*7.71*	
		For Elevated Installation >20' To 25', Add	*9.64*	
		For Elevated Installation >25' To 30', Add	*13.49*	
		For Elevated Installation >30' To 35', Add	*15.42*	
		For Elevated Installation >35' To 40', Add	*19.27*	
		For Elevated Installation >40', Add	*21.20*	
		For Work In Restricted Working Space, Add	*11.56*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.56*	
26 05 33 13-1429	EA	2-1/2" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	143.56	23.40
		For Elevated Installation >10' To 15', Add	*4.68*	
		For Elevated Installation >15' To 20', Add	*9.36*	
		For Elevated Installation >20' To 25', Add	*11.70*	
		For Elevated Installation >25' To 30', Add	*16.38*	
		For Elevated Installation >30' To 35', Add	*18.72*	
		For Elevated Installation >35' To 40', Add	*23.40*	
		For Elevated Installation >40', Add	*25.73*	
		For Work In Restricted Working Space, Add	*14.04*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1430	EA	3" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	181.84	32.35
		For Elevated Installation >10' To 15', Add	*6.47*	
		For Elevated Installation >15' To 20', Add	*12.94*	
		For Elevated Installation >20' To 25', Add	*16.17*	
		For Elevated Installation >25' To 30', Add	*22.64*	
		For Elevated Installation >30' To 35', Add	*25.88*	
		For Elevated Installation >35' To 40', Add	*32.35*	
		For Elevated Installation >40', Add	*35.58*	
		For Work In Restricted Working Space, Add	*19.41*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.41*	
26 05 33 13-1431	EA	3-1/2" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	215.01	36.48
		For Elevated Installation >10' To 15', Add	*7.30*	
		For Elevated Installation >15' To 20', Add	*14.59*	
		For Elevated Installation >20' To 25', Add	*18.24*	
		For Elevated Installation >25' To 30', Add	*25.53*	
		For Elevated Installation >30' To 35', Add	*29.18*	
		For Elevated Installation >35' To 40', Add	*36.48*	
		For Elevated Installation >40', Add	*40.12*	
		For Work In Restricted Working Space, Add	*21.89*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.89*	
26 05 33 13-1432	EA	4" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	268.96	47.49
		For Elevated Installation >10' To 15', Add	*9.50*	
		For Elevated Installation >15' To 20', Add	*18.99*	
		For Elevated Installation >20' To 25', Add	*23.74*	
		For Elevated Installation >25' To 30', Add	*33.24*	
		For Elevated Installation >30' To 35', Add	*37.99*	
		For Elevated Installation >35' To 40', Add	*47.49*	
		For Elevated Installation >40', Add	*52.23*	
		For Work In Restricted Working Space, Add	*28.49*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*28.49*	
26 05 33 13-1433	EA	5" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	348.08	65.38
		For Elevated Installation >10' To 15', Add	*13.08*	
		For Elevated Installation >15' To 20', Add	*26.15*	
		For Elevated Installation >20' To 25', Add	*32.69*	
		For Elevated Installation >25' To 30', Add	*45.77*	
		For Elevated Installation >30' To 35', Add	*52.31*	
		For Elevated Installation >35' To 40', Add	*65.39*	
		For Elevated Installation >40', Add	*71.92*	
		For Work In Restricted Working Space, Add	*39.23*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*39.23*	
26 05 33 13-1434	EA	1/2" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	44.46	8.94
		For Elevated Installation >10' To 15', Add	*1.79*	
		For Elevated Installation >15' To 20', Add	*3.58*	
		For Elevated Installation >20' To 25', Add	*4.48*	
		For Elevated Installation >25' To 30', Add	*6.27*	
		For Elevated Installation >30' To 35', Add	*7.16*	
		For Elevated Installation >35' To 40', Add	*8.95*	
		For Elevated Installation >40', Add	*9.85*	
		For Work In Restricted Working Space, Add	*5.37*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.37*	
26 05 33 13-1435	EA	3/4" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	47.93	10.33
		For Elevated Installation >10' To 15', Add	*2.06*	
		For Elevated Installation >15' To 20', Add	*4.13*	
		For Elevated Installation >20' To 25', Add	*5.16*	
		For Elevated Installation >25' To 30', Add	*7.22*	
		For Elevated Installation >30' To 35', Add	*8.26*	
		For Elevated Installation >35' To 40', Add	*10.32*	
		For Elevated Installation >40', Add	*11.35*	
		For Work In Restricted Working Space, Add	*6.19*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.19*	
26 05 33 13-1436	EA	1" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	58.37	13.07
		For Elevated Installation >10' To 15', Add	*2.62*	
		For Elevated Installation >15' To 20', Add	*5.23*	
		For Elevated Installation >20' To 25', Add	*6.54*	
		For Elevated Installation >25' To 30', Add	*9.15*	
		For Elevated Installation >30' To 35', Add	*10.46*	
		For Elevated Installation >35' To 40', Add	*13.08*	
		For Elevated Installation >40', Add	*14.38*	
		For Work In Restricted Working Space, Add	*7.85*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.85*	
26 05 33 13-1437	EA	1-1/4" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	73.24	15.14
		For Elevated Installation >10' To 15', Add	*3.03*	
		For Elevated Installation >15' To 20', Add	*6.06*	
		For Elevated Installation >20' To 25', Add	*7.57*	
		For Elevated Installation >25' To 30', Add	*10.60*	
		For Elevated Installation >30' To 35', Add	*12.11*	
		For Elevated Installation >35' To 40', Add	*15.14*	
		For Elevated Installation >40', Add	*16.65*	
		For Work In Restricted Working Space, Add	*9.08*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1438	EA	1-1/2" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	85.55	17.21
		For Elevated Installation >10' To 15', Add	*3.44*	
		For Elevated Installation >15' To 20', Add	*6.88*	
		For Elevated Installation >20' To 25', Add	*8.60*	
		For Elevated Installation >25' To 30', Add	*12.04*	
		For Elevated Installation >30' To 35', Add	*13.76*	
		For Elevated Installation >35' To 40', Add	*17.21*	
		For Elevated Installation >40', Add	*18.93*	
		For Work In Restricted Working Space, Add	*10.32*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.32*	
26 05 33 13-1439	EA	2" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	102.46	19.27
		For Elevated Installation >10' To 15', Add	*3.85*	
		For Elevated Installation >15' To 20', Add	*7.71*	
		For Elevated Installation >20' To 25', Add	*9.64*	
		For Elevated Installation >25' To 30', Add	*13.49*	
		For Elevated Installation >30' To 35', Add	*15.42*	
		For Elevated Installation >35' To 40', Add	*19.27*	
		For Elevated Installation >40', Add	*21.20*	
		For Work In Restricted Working Space, Add	*11.56*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.56*	
26 05 33 13-1440	EA	2-1/2" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	160.40	23.40
		For Elevated Installation >10' To 15', Add	*4.68*	
		For Elevated Installation >15' To 20', Add	*9.36*	
		For Elevated Installation >20' To 25', Add	*11.70*	
		For Elevated Installation >25' To 30', Add	*16.38*	
		For Elevated Installation >30' To 35', Add	*18.72*	
		For Elevated Installation >35' To 40', Add	*23.40*	
		For Elevated Installation >40', Add	*25.73*	
		For Work In Restricted Working Space, Add	*14.04*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.04*	
26 05 33 13-1441	EA	3" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	208.86	32.35
		For Elevated Installation >10' To 15', Add	*6.47*	
		For Elevated Installation >15' To 20', Add	*12.94*	
		For Elevated Installation >20' To 25', Add	*16.17*	
		For Elevated Installation >25' To 30', Add	*22.64*	
		For Elevated Installation >30' To 35', Add	*25.88*	
		For Elevated Installation >35' To 40', Add	*32.35*	
		For Elevated Installation >40', Add	*35.58*	
		For Work In Restricted Working Space, Add	*19.41*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.41*	
26 05 33 13-1442	EA	3-1/2" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	229.96	36.48
		For Elevated Installation >10' To 15', Add	*7.30*	
		For Elevated Installation >15' To 20', Add	*14.59*	
		For Elevated Installation >20' To 25', Add	*18.24*	
		For Elevated Installation >25' To 30', Add	*25.53*	
		For Elevated Installation >30' To 35', Add	*29.18*	
		For Elevated Installation >35' To 40', Add	*36.48*	
		For Elevated Installation >40', Add	*40.12*	
		For Work In Restricted Working Space, Add	*21.89*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.89*	
26 05 33 13-1443	EA	4" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	281.55	47.49
		For Elevated Installation >10' To 15', Add	*9.50*	
		For Elevated Installation >15' To 20', Add	*18.99*	
		For Elevated Installation >20' To 25', Add	*23.74*	
		For Elevated Installation >25' To 30', Add	*33.24*	
		For Elevated Installation >30' To 35', Add	*37.99*	
		For Elevated Installation >35' To 40', Add	*47.49*	
		For Elevated Installation >40', Add	*52.23*	
		For Work In Restricted Working Space, Add	*28.49*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*28.49*	
26 05 33 13-1444	EA	5" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	352.64	65.38
		For Elevated Installation >10' To 15', Add	*13.08*	
		For Elevated Installation >15' To 20', Add	*26.15*	
		For Elevated Installation >20' To 25', Add	*32.69*	
		For Elevated Installation >25' To 30', Add	*45.77*	
		For Elevated Installation >30' To 35', Add	*52.31*	
		For Elevated Installation >35' To 40', Add	*65.39*	
		For Elevated Installation >40', Add	*71.92*	
		For Work In Restricted Working Space, Add	*39.23*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*39.23*	

26 05 33 13-1445 Aluminum Rigid Conduit (ARC) *(26 05 33 13-0059)*

Note: Exposed installation, branch and feeder conduit. Excludes supporting strap, hanger and fastening.

26 05 33 13-1446 Aluminum Rigid Conduit (ARC) With Threaded Coupling *(26 05 33 13-1445)*

Note: Includes field bending conduit up to and including 1". See CSI section 26 05 33 13-2314 for field bending >1".

26 05 33 13-1447	LF	1/2" Aluminum Rigid Conduit (ARC) With Threaded Coupling	6.40	2.12
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.79*	
		For Work In Restricted Working Space, Add	*1.59*	
26 05 33 13-1448	LF	3/4" Aluminum Rigid Conduit (ARC) With Threaded Coupling	7.32	2.33
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.87*	
		For Work In Restricted Working Space, Add	*1.75*	
26 05 33 13-1449	LF	1" Aluminum Rigid Conduit (ARC) With Threaded Coupling	8.47	2.54
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.95*	
		For Work In Restricted Working Space, Add	*1.91*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1450	LF	1-1/4" Aluminum Rigid Conduit (ARC) With Threaded Coupling	9.65	2.76
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*1.03*	
		For Work In Restricted Working Space, Add	*2.06*	
26 05 33 13-1451	LF	1-1/2" Aluminum Rigid Conduit (ARC) With Threaded Coupling	10.85	2.97
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*1.11*	
		For Work In Restricted Working Space, Add	*2.22*	
26 05 33 13-1452	LF	2" Aluminum Rigid Conduit (ARC) With Threaded Coupling	13.07	3.39
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*1.27*	
		For Work In Restricted Working Space, Add	*2.54*	
26 05 33 13-1453	LF	2-1/2" Aluminum Rigid Conduit (ARC) With Threaded Coupling	17.85	4.23
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*1.59*	
		For Work In Restricted Working Space, Add	*3.18*	
26 05 33 13-1454	LF	3" Aluminum Rigid Conduit (ARC) With Threaded Coupling	22.24	5.08
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*1.91*	
		For Work In Restricted Working Space, Add	*3.81*	
26 05 33 13-1455	LF	3-1/2" Aluminum Rigid Conduit (ARC) With Threaded Coupling	27.33	6.36
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*2.38*	
		For Work In Restricted Working Space, Add	*4.76*	
26 05 33 13-1456	LF	4" Aluminum Rigid Conduit (ARC) With Threaded Coupling	33.68	8.05
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*3.02*	
		For Work In Restricted Working Space, Add	*6.04*	
26 05 33 13-1457	LF	5" Aluminum Rigid Conduit (ARC) With Threaded Coupling	44.83	10.17
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*3.81*	
		For Work In Restricted Working Space, Add	*7.63*	
26 05 33 13-1458	LF	6" Aluminum Rigid Conduit (ARC) With Threaded Coupling	57.31	12.70
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*4.76*	
		For Work In Restricted Working Space, Add	*9.53*	

26 05 33 13-1459 Aluminum 90 Degree Elbows *(26 05 33 13-1445)*

26 05 33 13-1460	EA	1" Aluminum 90 Degree Elbow	39.35	11.01
		For Work In Restricted Working Space, Add	*8.26*	
26 05 33 13-1461	EA	1-1/4" Aluminum 90 Degree Elbow	50.01	12.49
		For Work In Restricted Working Space, Add	*9.37*	
26 05 33 13-1462	EA	1-1/2" Aluminum 90 Degree Elbow	61.00	14.40
		For Work In Restricted Working Space, Add	*10.80*	
26 05 33 13-1463	EA	2" Aluminum 90 Degree Elbow	78.10	16.51
		For Work In Restricted Working Space, Add	*12.39*	
26 05 33 13-1464	EA	2-1/2" Aluminum 90 Degree Elbow	112.30	20.12
		For Work In Restricted Working Space, Add	*15.09*	
26 05 33 13-1465	EA	3" Aluminum 90 Degree Elbow	160.90	26.05
		For Work In Restricted Working Space, Add	*19.54*	
26 05 33 13-1466	EA	3-1/2" Aluminum 90 Degree Elbow	222.45	29.23
		For Work In Restricted Working Space, Add	*21.92*	
26 05 33 13-1467	EA	4" Aluminum 90 Degree Elbow	268.72	36.64
		For Work In Restricted Working Space, Add	*27.48*	
26 05 33 13-1468	EA	5" Aluminum 90 Degree Elbow	673.05	59.72
		For Work In Restricted Working Space, Add	*44.79*	
26 05 33 13-1469	EA	6" Aluminum 90 Degree Elbow	949.12	89.79
		For Work In Restricted Working Space, Add	*67.35*	

26 05 33 13-1470 Aluminum Bushing Set With Locknut *(26 05 33 13-1445)*

26 05 33 13-1471	EA	1/2" Aluminum Bushing Set With Locknut	11.49	4.23
		For Work In Restricted Working Space, Add	*3.18*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.18*	
26 05 33 13-1472	EA	3/4" Aluminum Bushing Set With Locknut	17.39	5.50
		For Work In Restricted Working Space, Add	*4.13*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.13*	
26 05 33 13-1473	EA	1" Aluminum Bushing Set With Locknut	17.52	6.78
		For Work In Restricted Working Space, Add	*5.08*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.08*	
26 05 33 13-1474	EA	1-1/4" Aluminum Bushing Set With Locknut	19.71	7.62
		For Work In Restricted Working Space, Add	*5.72*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.72*	
26 05 33 13-1475	EA	1-1/2" Aluminum Bushing Set With Locknut	24.12	9.31
		For Work In Restricted Working Space, Add	*6.99*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.99*	
26 05 33 13-1476	EA	2" Aluminum Bushing Set With Locknut	29.43	11.22
		For Work In Restricted Working Space, Add	*8.42*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.42*	
26 05 33 13-1477	EA	2-1/2" Aluminum Bushing Set With Locknut	36.16	13.35
		For Work In Restricted Working Space, Add	*10.01*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.01*	
26 05 33 13-1478	EA	3" Aluminum Bushing Set With Locknut	42.27	15.25
		For Work In Restricted Working Space, Add	*11.44*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.44*	
26 05 33 13-1479	EA	3-1/2" Aluminum Bushing Set With Locknut	45.72	16.51
		For Work In Restricted Working Space, Add	*12.39*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.39*	
26 05 33 13-1480	EA	4" Aluminum Bushing Set With Locknut	49.77	17.79
		For Work In Restricted Working Space, Add	*13.34*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1481	EA	5" Aluminum Bushing Set With Locknut	65.94	23.72
		For Work In Restricted Working Space, Add	*17.79*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.79*	
26 05 33 13-1482	EA	6" Aluminum Bushing Set With Locknut	98.06	35.57
		For Work In Restricted Working Space, Add	*26.69*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*26.69*	

26 05 33 13-1483 Schedule 40 Polyvinyl Chloride (PVC) Conduit *(26 05 33 13-0059)*

Note: Exposed installation, branch and feeder conduit. Excludes supporting strap, hanger and fastening.

26 05 33 13-1484 Schedule 40 Polyvinyl Chloride (PVC) Conduit With Glued Couplings *(26 05 33 13-1483)*

Note: Includes field bending conduit up to and including 1". See CSI section 26 05 33 13-2324 for field bending >1".

26 05 33 13-1485	LF	1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End	5.35	1.72
		For Schedule 60, Add	*0.47*	
		For Schedule 80, Add	*0.79*	
26 05 33 13-1486	LF	3/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End	6.12	1.89
		For Schedule 60, Add	*0.58*	
		For Schedule 80, Add	*0.96*	
26 05 33 13-1487	LF	1" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End	7.60	2.21
		For Schedule 60, Add	*0.79*	
		For Schedule 80, Add	*1.28*	
26 05 33 13-1488	LF	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End	9.08	2.52
		For Schedule 60, Add	*1.01*	
		For Schedule 80, Add	*1.60*	
26 05 33 13-1489	LF	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End	10.68	2.94
		For Schedule 60, Add	*1.20*	
		For Schedule 80, Add	*1.90*	
26 05 33 13-1490	LF	2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End	12.78	3.38
		For Schedule 60, Add	*1.51*	
		For Schedule 80, Add	*2.37*	
26 05 33 13-1491	LF	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End	16.97	4.01
		For Schedule 60, Add	*2.24*	
		For Schedule 80, Add	*3.44*	
26 05 33 13-1492	LF	3" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End	19.88	4.64
		For Schedule 60, Add	*2.65*	
		For Schedule 80, Add	*4.06*	
26 05 33 13-1493	LF	3-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End	24.29	5.48
		For Schedule 60, Add	*3.33*	
		For Schedule 80, Add	*5.08*	
26 05 33 13-1494	LF	4" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End	28.50	6.74
		For Schedule 60, Add	*3.75*	
		For Schedule 80, Add	*5.76*	
26 05 33 13-1495	LF	5" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End	40.67	9.49
		For Schedule 60, Add	*5.43*	
		For Schedule 80, Add	*8.31*	
26 05 33 13-1496	LF	6" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End	54.01	12.64
		For Schedule 60, Add	*7.18*	
		For Schedule 80, Add	*11.00*	

26 05 33 13-1497 Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbows *(26 05 33 13-1483)*

See CSI section 26 05 33 13-2324 for conduit field bending.

26 05 33 13-1498	EA	1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow See CSI section 26 05 33 13-2324 for conduit field bending.	22.51	8.42
		For Schedule 60, Add	*1.41*	
		For Schedule 80, Add	*2.61*	
26 05 33 13-1499	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow See CSI section 26 05 33 13-2324 for conduit field bending.	24.90	9.27
		For Schedule 60, Add	*1.59*	
		For Schedule 80, Add	*2.92*	
26 05 33 13-1500	EA	1" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow See CSI section 26 05 33 13-2324 for conduit field bending.	29.03	10.54
		For Schedule 60, Add	*1.99*	
		For Schedule 80, Add	*3.58*	
26 05 33 13-1501	EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow See CSI section 26 05 33 13-2324 for conduit field bending.	37.60	13.48
		For Schedule 60, Add	*2.66*	
		For Schedule 80, Add	*4.73*	
26 05 33 13-1502	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow See CSI section 26 05 33 13-2324 for conduit field bending.	47.42	16.86
		For Schedule 60, Add	*3.43*	
		For Schedule 80, Add	*6.06*	
26 05 33 13-1503	EA	2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow See CSI section 26 05 33 13-2324 for conduit field bending.	59.97	21.07
		For Schedule 60, Add	*4.46*	
		For Schedule 80, Add	*7.82*	
26 05 33 13-1504	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow See CSI section 26 05 33 13-2324 for conduit field bending.	76.11	25.28
		For Schedule 60, Add	*6.39*	
		For Schedule 80, Add	*10.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1505	EA	3" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow See CSI section 26 05 33 13-2324 for conduit field bending.	94.82	29.50
		For Schedule 60, Add	*8.96*	
		For Schedule 80, Add	*14.75*	
26 05 33 13-1506	EA	3-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow See CSI section 26 05 33 13-2324 for conduit field bending.	118.83	35.82
		For Schedule 60, Add	*11.80*	
		For Schedule 80, Add	*19.21*	
26 05 33 13-1507	EA	4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow See CSI section 26 05 33 13-2324 for conduit field bending.	143.03	42.14
		For Schedule 60, Add	*14.69*	
		For Schedule 80, Add	*23.72*	
26 05 33 13-1508	EA	5" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow See CSI section 26 05 33 13-2324 for conduit field bending.	198.12	52.67
		For Schedule 60, Add	*23.19*	
		For Schedule 80, Add	*36.42*	
26 05 33 13-1509	EA	6" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow See CSI section 26 05 33 13-2324 for conduit field bending.	242.72	63.21
		For Schedule 60, Add	*29.08*	
		For Schedule 80, Add	*45.45*	

26 05 33 13-1510 Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbows *(26 05 33 13-1483)*

See CSI section 26 05 33 13-2324 for conduit field bending.

26 05 33 13-1511	EA	1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow See CSI section 26 05 33 13-2324 for conduit field bending.	22.51	8.42
		For Schedule 60, Add	*1.41*	
		For Schedule 80, Add	*2.61*	
26 05 33 13-1512	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow See CSI section 26 05 33 13-2324 for conduit field bending.	24.80	9.27
		For Schedule 60, Add	*1.56*	
		For Schedule 80, Add	*2.89*	
26 05 33 13-1513	EA	1" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow See CSI section 26 05 33 13-2324 for conduit field bending.	28.88	10.54
		For Schedule 60, Add	*1.95*	
		For Schedule 80, Add	*3.53*	
26 05 33 13-1514	EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow See CSI section 26 05 33 13-2324 for conduit field bending.	37.18	13.48
		For Schedule 60, Add	*2.55*	
		For Schedule 80, Add	*4.59*	
26 05 33 13-1515	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow See CSI section 26 05 33 13-2324 for conduit field bending.	46.48	16.86
		For Schedule 60, Add	*3.19*	
		For Schedule 80, Add	*5.73*	
26 05 33 13-1516	EA	2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow See CSI section 26 05 33 13-2324 for conduit field bending.	59.47	21.07
		For Schedule 60, Add	*4.33*	
		For Schedule 80, Add	*7.65*	
26 05 33 13-1517	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow See CSI section 26 05 33 13-2324 for conduit field bending.	75.17	25.28
		For Schedule 60, Add	*6.15*	
		For Schedule 80, Add	*10.51*	
26 05 33 13-1518	EA	3" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow See CSI section 26 05 33 13-2324 for conduit field bending.	93.63	29.50
		For Schedule 60, Add	*8.66*	
		For Schedule 80, Add	*14.33*	
26 05 33 13-1519	EA	3-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow See CSI section 26 05 33 13-2324 for conduit field bending.	115.50	35.82
		For Schedule 60, Add	*10.97*	
		For Schedule 80, Add	*18.04*	
26 05 33 13-1520	EA	4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow See CSI section 26 05 33 13-2324 for conduit field bending.	140.17	42.14
		For Schedule 60, Add	*13.97*	
		For Schedule 80, Add	*22.72*	
26 05 33 13-1521	EA	5" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow See CSI section 26 05 33 13-2324 for conduit field bending.	194.42	52.67
		For Schedule 60, Add	*22.27*	
		For Schedule 80, Add	*35.13*	
26 05 33 13-1522	EA	6" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow See CSI section 26 05 33 13-2324 for conduit field bending.	231.69	63.21
		For Schedule 60, Add	*26.32*	
		For Schedule 80, Add	*41.59*	

26 05 33 13-1523 Schedule 40 Polyvinyl Chloride (PVC) Conduit 18" Large Radius Elbow *(26 05 33 13-1483)*

26 05 33 13-1524	EA	1" Schedule 40, Polyvinyl Chloride (PVC), 18" Large Radius Elbow	86.47	26.15
		For Schedule 80, Add	*17.19*	
26 05 33 13-1525	EA	1-1/4" Schedule 40, Polyvinyl Chloride (PVC), 18" Large Radius Elbow	101.43	30.28
		For Schedule 80, Add	*20.36*	
26 05 33 13-1526	EA	1-1/2" Schedule 40, Polyvinyl Chloride (PVC), 18" Large Radius Elbow	114.79	34.41
		For Schedule 80, Add	*22.97*	
26 05 33 13-1527	EA	2" Schedule 40, Polyvinyl Chloride (PVC), 18" Large Radius Elbow	137.30	37.85
		For Schedule 80, Add	*29.13*	
26 05 33 13-1528	EA	2-1/2" Schedule 40, Polyvinyl Chloride (PVC), 18" Large Radius Elbow	181.20	47.49
		For Schedule 80, Add	*39.68*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1529	EA	3" Schedule 40, Polyvinyl Chloride (PVC), 18" Large Radius Elbow	235.92	64.70
		For Schedule 80, Add	*50.22*	
26 05 33 13-1530	EA	3-1/2" Schedule 40, Polyvinyl Chloride (PVC), 18" Large Radius Elbow	285.57	72.95
		For Schedule 80, Add	*63.47*	
26 05 33 13-1531	EA	4" Schedule 40, Polyvinyl Chloride (PVC), 18" Large Radius Elbow	339.73	94.98
		For Schedule 80, Add	*71.42*	
26 05 33 13-1532		**Schedule 40 Polyvinyl Chloride (PVC) Conduit 24" Large Radius Elbow** *(26 05 33 13-1483)*		
26 05 33 13-1533	EA	1" Schedule 40, Polyvinyl Chloride (PVC), 24" Large Radius Elbow	92.74	26.15
		For Schedule 80, Add	*19.38*	
26 05 33 13-1534	EA	1-1/4" Schedule 40, Polyvinyl Chloride (PVC), 24" Large Radius Elbow	116.53	30.28
		For Schedule 80, Add	*25.64*	
26 05 33 13-1535	EA	1-1/2" Schedule 40, Polyvinyl Chloride (PVC), 24" Large Radius Elbow	136.40	34.41
		For Schedule 80, Add	*30.54*	
26 05 33 13-1536	EA	2" Schedule 40, Polyvinyl Chloride (PVC), 24" Large Radius Elbow	148.00	37.85
		For Schedule 80, Add	*32.87*	
26 05 33 13-1537	EA	2-1/2" Schedule 40, Polyvinyl Chloride (PVC), 24" Large Radius Elbow	214.16	47.49
		For Schedule 80, Add	*51.21*	
26 05 33 13-1538	EA	3" Schedule 40, Polyvinyl Chloride (PVC), 24" Large Radius Elbow	283.86	64.70
		For Schedule 80, Add	*67.00*	
26 05 33 13-1539	EA	3-1/2" Schedule 40, Polyvinyl Chloride (PVC), 24" Large Radius Elbow	315.08	72.95
		For Schedule 80, Add	*73.80*	
26 05 33 13-1540	EA	4" Schedule 40, Polyvinyl Chloride (PVC), 24" Large Radius Elbow	375.46	94.98
		For Schedule 80, Add	*83.92*	
26 05 33 13-1541		**Schedule 40 Polyvinyl Chloride (PVC) Conduit 30" Large Radius Elbow** *(26 05 33 13-1483)*		
26 05 33 13-1542	EA	1" Schedule 40, Polyvinyl Chloride (PVC), 30" Large Radius Elbow	109.65	26.15
		For Schedule 80, Add	*25.30*	
26 05 33 13-1543	EA	1-1/4" Schedule 40, Polyvinyl Chloride (PVC), 30" Large Radius Elbow	123.61	30.28
		For Schedule 80, Add	*28.12*	
26 05 33 13-1544	EA	1-1/2" Schedule 40, Polyvinyl Chloride (PVC), 30" Large Radius Elbow	140.56	34.41
		For Schedule 80, Add	*31.99*	
26 05 33 13-1545	EA	2" Schedule 40, Polyvinyl Chloride (PVC), 30" Large Radius Elbow	168.17	37.85
		For Schedule 80, Add	*39.93*	
26 05 33 13-1546	EA	2-1/2" Schedule 40, Polyvinyl Chloride (PVC), 30" Large Radius Elbow	226.45	47.49
		For Schedule 80, Add	*55.51*	
26 05 33 13-1547	EA	3" Schedule 40, Polyvinyl Chloride (PVC), 30" Large Radius Elbow	294.17	64.70
		For Schedule 80, Add	*70.61*	
26 05 33 13-1548	EA	3-1/2" Schedule 40, Polyvinyl Chloride (PVC), 30" Large Radius Elbow	354.37	72.95
		For Schedule 80, Add	*87.55*	
26 05 33 13-1549	EA	4" Schedule 40, Polyvinyl Chloride (PVC), 30" Large Radius Elbow	410.74	94.98
		For Schedule 80, Add	*96.27*	
26 05 33 13-1550		**Schedule 40 Polyvinyl Chloride (PVC) Conduit 36" Large Radius Elbow** *(26 05 33 13-1483)*		
26 05 33 13-1551	EA	1" Schedule 40, Polyvinyl Chloride (PVC), 36" Large Radius Elbow	113.11	26.15
		For Schedule 80, Add	*26.51*	
26 05 33 13-1552	EA	1-1/4" Schedule 40, Polyvinyl Chloride (PVC), 36" Large Radius Elbow	144.58	30.28
		For Schedule 80, Add	*35.46*	
26 05 33 13-1553	EA	1-1/2" Schedule 40, Polyvinyl Chloride (PVC), 36" Large Radius Elbow	157.19	34.41
		For Schedule 80, Add	*37.81*	
26 05 33 13-1554	EA	2" Schedule 40, Polyvinyl Chloride (PVC), 36" Large Radius Elbow	168.92	37.85
		For Schedule 80, Add	*40.19*	
26 05 33 13-1555	EA	2-1/2" Schedule 40, Polyvinyl Chloride (PVC), 36" Large Radius Elbow	253.49	47.49
		For Schedule 80, Add	*64.98*	
26 05 33 13-1556	EA	3" Schedule 40, Polyvinyl Chloride (PVC), 36" Large Radius Elbow	354.78	64.70
		For Schedule 80, Add	*91.83*	
26 05 33 13-1557	EA	3-1/2" Schedule 40, Polyvinyl Chloride (PVC), 36" Large Radius Elbow	409.57	72.95
		For Schedule 80, Add	*106.87*	
26 05 33 13-1558	EA	4" Schedule 40, Polyvinyl Chloride (PVC), 36" Large Radius Elbow	476.11	94.98
		For Schedule 80, Add	*119.15*	
26 05 33 13-1559	EA	5" Schedule 40, Polyvinyl Chloride (PVC), 36" Large Radius Elbow	761.08	154.60
		For Schedule 80, Add	*188.95*	
26 05 33 13-1560	EA	6" Schedule 40, Polyvinyl Chloride (PVC), 36" Large Radius Elbow	1,112.71	232.96
		For Schedule 80, Add	*273.13*	
26 05 33 13-1561		**Schedule 40 Polyvinyl Chloride (PVC) Conduit 48" Large Radius Elbow** *(26 05 33 13-1483)*		
26 05 33 13-1562	EA	1" Schedule 40, Polyvinyl Chloride (PVC), 48" Large Radius Elbow	126.37	26.15
		For Schedule 80, Add	*31.15*	
26 05 33 13-1563	EA	1-1/4" Schedule 40, Polyvinyl Chloride (PVC), 48" Large Radius Elbow	148.13	30.28
		For Schedule 80, Add	*36.70*	
26 05 33 13-1564	EA	1-1/2" Schedule 40, Polyvinyl Chloride (PVC), 48" Large Radius Elbow	167.87	34.41
		For Schedule 80, Add	*41.55*	
26 05 33 13-1565	EA	2" Schedule 40, Polyvinyl Chloride (PVC), 48" Large Radius Elbow	205.78	37.85
		For Schedule 80, Add	*53.10*	
26 05 33 13-1566	EA	2-1/2" Schedule 40, Polyvinyl Chloride (PVC), 48" Large Radius Elbow	279.89	47.49
		For Schedule 80, Add	*74.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1567	EA	3" Schedule 40, Polyvinyl Chloride (PVC), 48" Large Radius Elbow	398.13	64.70
		For Schedule 80, Add	*107.00*	
26 05 33 13-1568	EA	3-1/2" Schedule 40, Polyvinyl Chloride (PVC), 48" Large Radius Elbow	451.02	72.95
		For Schedule 80, Add	*121.38*	
26 05 33 13-1569	EA	4" Schedule 40, Polyvinyl Chloride (PVC), 48" Large Radius Elbow	548.05	94.98
		For Schedule 80, Add	*144.33*	
26 05 33 13-1570	EA	5" Schedule 40, Polyvinyl Chloride (PVC), 48" Large Radius Elbow	803.17	154.60
		For Schedule 80, Add	*203.68*	
26 05 33 13-1571	EA	6" Schedule 40, Polyvinyl Chloride (PVC), 48" Large Radius Elbow	1,146.80	232.96
		For Schedule 80, Add	*285.06*	

26 05 33 13-1572 Polyvinyl Chloride (PVC) Conduit Female Adapters *(26 05 33 13-1483)*

26 05 33 13-1573	EA	1/2" Polyvinyl Chloride (PVC) Conduit Female Adapter	15.41	5.90
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.43*	
26 05 33 13-1574	EA	3/4" Polyvinyl Chloride (PVC) Conduit Female Adapter	17.76	6.74
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.06*	
26 05 33 13-1575	EA	1" Polyvinyl Chloride (PVC) Conduit Female Adapter	20.20	7.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.69*	
26 05 33 13-1576	EA	1-1/4" Polyvinyl Chloride (PVC) Conduit Female Adapter	22.77	8.42
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.32*	
26 05 33 13-1577	EA	1-1/2" Polyvinyl Chloride (PVC) Conduit Female Adapter	28.19	10.54
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.90*	
26 05 33 13-1578	EA	2" Polyvinyl Chloride (PVC) Conduit Female Adapter	34.25	12.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.48*	
26 05 33 13-1579	EA	2-1/2" Polyvinyl Chloride (PVC) Conduit Female Adapter	47.01	16.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.64*	
26 05 33 13-1580	EA	3" Polyvinyl Chloride (PVC) Conduit Female Adapter	59.30	21.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.80*	
26 05 33 13-1581	EA	3-1/2" Polyvinyl Chloride (PVC) Conduit Female Adapter	76.89	27.39
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.54*	
26 05 33 13-1582	EA	4" Polyvinyl Chloride (PVC) Conduit Female Adapter	93.08	33.71
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*25.28*	
26 05 33 13-1583	EA	5" Polyvinyl Chloride (PVC) Conduit Female Adapter	123.12	42.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*31.61*	
26 05 33 13-1584	EA	6" Polyvinyl Chloride (PVC) Conduit Female Adapter	153.13	52.67
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*39.50*	

26 05 33 13-1585 Polyvinyl Chloride (PVC) Conduit Bell Ends And Plug *(26 05 33 13-1483)*

26 05 33 13-1586	EA	1/2" Polyvinyl Chloride (PVC) Conduit Bell End And Plug	18.03	5.06
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.79*	
26 05 33 13-1587	EA	3/4" Polyvinyl Chloride (PVC) Conduit Bell End And Plug	20.52	5.90
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.43*	
26 05 33 13-1588	EA	1" Polyvinyl Chloride (PVC) Conduit Bell End And Plug	23.05	6.74
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.06*	
26 05 33 13-1589	EA	1-1/4" Polyvinyl Chloride (PVC) Conduit Bell End And Plug	27.46	7.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.69*	
26 05 33 13-1590	EA	1-1/2" Polyvinyl Chloride (PVC) Conduit Bell End And Plug	30.62	8.42
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.32*	
26 05 33 13-1591	EA	2" Polyvinyl Chloride (PVC) Conduit Bell End And Plug	36.79	9.70
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.27*	
26 05 33 13-1592	EA	2-1/2" Polyvinyl Chloride (PVC) Conduit Bell End And Plug	41.16	10.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.22*	
26 05 33 13-1593	EA	3" Polyvinyl Chloride (PVC) Conduit Bell End And Plug	46.58	12.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.48*	
26 05 33 13-1594	EA	3-1/2" Polyvinyl Chloride (PVC) Conduit Bell End And Plug	55.20	14.75
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.06*	
26 05 33 13-1595	EA	4" Polyvinyl Chloride (PVC) Conduit Bell End And Plug	60.87	16.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.64*	
26 05 33 13-1596	EA	5" Polyvinyl Chloride (PVC) Conduit Bell End And Plug	77.13	18.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.22*	
26 05 33 13-1597	EA	6" Polyvinyl Chloride (PVC) Conduit Bell End And Plug	86.78	21.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.80*	

26 05 33 13-1598 Polyvinyl Chloride (PVC) Conduit Terminal Adapters *(26 05 33 13-1483)*

26 05 33 13-1599	EA	1/2" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter	16.76	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.86*	
26 05 33 13-1600	EA	3/4" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter	20.32	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.83*	
26 05 33 13-1601	EA	1" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter	22.66	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.47*	
26 05 33 13-1602	EA	1-1/4" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter	25.47	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.21*	
26 05 33 13-1603	EA	1-1/2" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter	27.96	10.54
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.90*	
26 05 33 13-1604	EA	2" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter	33.93	12.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.48*	
26 05 33 13-1605	EA	2-1/2" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter	46.38	16.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.64*	
26 05 33 13-1606	EA	3" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter	58.42	21.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1607	EA	3-1/2" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter	75.77	27.39
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.54*	
26 05 33 13-1608	EA	4" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter	91.92	33.71
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*25.28*	
26 05 33 13-1609	EA	5" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter	120.84	42.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*31.61*	
26 05 33 13-1610	EA	6" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter	150.39	52.67
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*39.50*	

26 05 33 13-1611 Polyvinyl Chloride (PVC) Type C, LB, LR Or LL, Two Hub Conduit Body With Cover *(26 05 33 13-1483)*

26 05 33 13-1612	EA	1/2" Polyvinyl Chloride (PVC) Type C, LB, LR Or LL, Two Hub Conduit Body With Cover	48.30	16.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.64*	
26 05 33 13-1613	EA	3/4" Polyvinyl Chloride (PVC) Type C, LB, LR Or LL, Two Hub Conduit Body With Cover	56.13	18.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.22*	
26 05 33 13-1614	EA	1" Polyvinyl Chloride (PVC) Type C, LB, LR Or LL, Two Hub Conduit Body With Cover	62.32	21.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.80*	
26 05 33 13-1615	EA	1-1/4" Polyvinyl Chloride (PVC) Type C, LB, LR Or LL, Two Hub Conduit Body With Cover	76.99	25.28
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.96*	
26 05 33 13-1616	EA	1-1/2" Polyvinyl Chloride (PVC) Type C, LB, LR Or LL, Two Hub Conduit Body With Cover	95.15	31.60
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.70*	
26 05 33 13-1617	EA	2" Polyvinyl Chloride (PVC) Type C, LB, LR Or LL, Two Hub Conduit Body With Cover	123.42	37.92
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*28.44*	
26 05 33 13-1618	EA	2-1/2" Polyvinyl Chloride (PVC) Type C, LB, LR Or LL, Two Hub Conduit Body With Cover	212.60	42.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*31.61*	
26 05 33 13-1619	EA	3" Polyvinyl Chloride (PVC) Type C, LB, LR Or LL, Two Hub Conduit Body With Cover	226.88	46.35
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*34.77*	
26 05 33 13-1620	EA	3-1/2" Polyvinyl Chloride (PVC) Type C, LB, LR Or LL, Two Hub Conduit Body With Cover	246.39	52.67
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*39.50*	
26 05 33 13-1621	EA	4" Polyvinyl Chloride (PVC) Type C, LB, LR Or LL, Two Hub Conduit Body With Cover	274.97	61.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*45.83*	

26 05 33 13-1622 Polyvinyl Chloride (PVC) Type T, Three Hub Conduit Body With Cover *(26 05 33 13-1483)*

26 05 33 13-1623	EA	1/2" Polyvinyl Chloride (PVC) Type T, Three Hub Conduit Body With Cover	61.14	21.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.88*	
26 05 33 13-1624	EA	3/4" Polyvinyl Chloride (PVC) Type T, Three Hub Conduit Body With Cover	68.52	23.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.47*	
26 05 33 13-1625	EA	1" Polyvinyl Chloride (PVC) Type T, Three Hub Conduit Body With Cover	74.05	25.42
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.06*	
26 05 33 13-1626	EA	1-1/4" Polyvinyl Chloride (PVC) Type T, Three Hub Conduit Body With Cover	93.10	29.65
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.24*	
26 05 33 13-1627	EA	1-1/2" Polyvinyl Chloride (PVC) Type T, Three Hub Conduit Body With Cover	112.43	36.01
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.00*	
26 05 33 13-1628	EA	2" Polyvinyl Chloride (PVC) Type T, Three Hub Conduit Body With Cover	138.67	42.35
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*31.77*	

26 05 33 13-1629 Polyvinyl Chloride (PVC) Conduit Expansion Joint *(26 05 33 13-1483)*

26 05 33 13-1630	EA	1/2" Polyvinyl Chloride (PVC) Conduit Expansion Joint	105.28	21.07
26 05 33 13-1631	EA	3/4" Polyvinyl Chloride (PVC) Conduit Expansion Joint	117.15	25.28
26 05 33 13-1632	EA	1" Polyvinyl Chloride (PVC) Conduit Expansion Joint	129.81	29.50
26 05 33 13-1633	EA	1-1/4" Polyvinyl Chloride (PVC) Conduit Expansion Joint	141.69	33.71
26 05 33 13-1634	EA	1-1/2" Polyvinyl Chloride (PVC) Conduit Expansion Joint	153.23	37.92
26 05 33 13-1635	EA	2" Polyvinyl Chloride (PVC) Conduit Expansion Joint	167.32	42.14
26 05 33 13-1636	EA	2-1/2" Polyvinyl Chloride (PVC) Conduit Expansion Joint	204.94	48.46
26 05 33 13-1637	EA	3" Polyvinyl Chloride (PVC) Conduit Expansion Joint	245.67	54.78
26 05 33 13-1638	EA	3-1/2" Polyvinyl Chloride (PVC) Conduit Expansion Joint	287.61	63.21
26 05 33 13-1639	EA	4" Polyvinyl Chloride (PVC) Conduit Expansion Joint	342.24	73.75
26 05 33 13-1640	EA	5" Polyvinyl Chloride (PVC) Conduit Expansion Joint	453.10	88.49
26 05 33 13-1641	EA	6" Polyvinyl Chloride (PVC) Conduit Expansion Joint	595.92	113.77

26 05 33 13-1642 Polyvinyl Chloride (PVC) Conduit End Caps *(26 05 33 13-1483)*

26 05 33 13-1643	EA	1/2" Polyvinyl Chloride (PVC) Conduit End Cap	13.30	4.22
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.16*	
26 05 33 13-1644	EA	3/4" Polyvinyl Chloride (PVC) Conduit End Cap	15.72	5.06
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.79*	
26 05 33 13-1645	EA	1" Polyvinyl Chloride (PVC) Conduit End Cap	18.08	5.90
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.43*	
26 05 33 13-1646	EA	1-1/4" Polyvinyl Chloride (PVC) Conduit End Cap	21.65	6.74
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.06*	
26 05 33 13-1647	EA	1-1/2" Polyvinyl Chloride (PVC) Conduit End Cap	25.26	7.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.69*	
26 05 33 13-1648	EA	2" Polyvinyl Chloride (PVC) Conduit End Cap	29.87	8.42
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.32*	
26 05 33 13-1649	EA	2-1/2" Polyvinyl Chloride (PVC) Conduit End Cap	42.87	9.70
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.27*	
26 05 33 13-1650	EA	3" Polyvinyl Chloride (PVC) Conduit End Cap	46.92	10.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1651	EA	3-1/2" Polyvinyl Chloride (PVC) Conduit End Cap	60.14	12.22
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.17*	
26 05 33 13-1652	EA	4" Polyvinyl Chloride (PVC) Conduit End Cap	72.94	13.06
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.80*	
26 05 33 13-1653	EA	5" Polyvinyl Chloride (PVC) Conduit End Cap	84.85	14.75
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.06*	
26 05 33 13-1654	EA	6" Polyvinyl Chloride (PVC) Conduit End Cap	107.52	16.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.64*	

26 05 33 13-1655 Polyvinyl Chloride (PVC) Type LB Telecommunications Conduit Bodies With Cover (Smart Pathways) *(26 05 33 13-1483)*

26 05 33 13-1656	EA	2" Polyvinyl Chloride (PVC) Type LB Telecommunications Conduit Body With Cover (Smart Pathways EZLB200)	132.54	37.92
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*28.44*	
26 05 33 13-1657	EA	3/4" To 1-1/4" Polyvinyl Chloride (PVC) Type LB Telecommunications Conduit Body With Cover (Smart Pathways KBLB121)	139.39	25.28
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.96*	
26 05 33 13-1658	EA	1-1/2" To 2-1/2" Polyvinyl Chloride (PVC) Type LB Telecommunications Conduit Body With Cover (Smart Pathways KBLB251)	338.89	42.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*31.61*	
26 05 33 13-1659	EA	3" To 4" Polyvinyl Chloride (PVC) Type LB Telecommunications Conduit Body With Cover (Smart Pathways KBLB401)	660.91	61.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*45.83*	

26 05 33 13-1660 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit *(26 05 33 13-0059)*

Note: Exposed installation. Excludes supporting strap, hanger and fastening.

26 05 33 13-1661 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit *(26 05 33 13-1660)*

Note: Includes field bending conduit up to and including 1".

26 05 33 13-1662	LF	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit	10.20	1.72
26 05 33 13-1663	LF	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit	11.37	1.89
26 05 33 13-1664	LF	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit	12.55	2.19
26 05 33 13-1665	LF	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit	13.72	2.52
26 05 33 13-1666	LF	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit	15.37	2.94
26 05 33 13-1667	LF	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit	16.64	3.38
26 05 33 13-1668	LF	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit	19.85	4.01
26 05 33 13-1669	LF	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit	23.40	4.64
26 05 33 13-1670	LF	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit	26.98	5.48
26 05 33 13-1671	LF	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit	31.62	6.74
26 05 33 13-1672	LF	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit	42.14	9.49
26 05 33 13-1673	LF	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit	54.66	12.64

26 05 33 13-1674 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbows, 12" Large Radius Elbows *(26 05 33 13-1660)*

26 05 33 13-1675	EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows	130.02	8.42
		For 24" Radius, Add	*9.22*	
		For 36" Radius, Add	*13.00*	
		For 48" Radius, Add	*16.78*	
26 05 33 13-1676	EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows	145.16	9.27
		For 24" Radius, Add	*10.31*	
		For 36" Radius, Add	*14.52*	
		For 48" Radius, Add	*18.72*	
26 05 33 13-1677	EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows	149.55	10.54
		For 24" Radius, Add	*10.56*	
		For 36" Radius, Add	*14.96*	
		For 48" Radius, Add	*19.35*	
26 05 33 13-1678	EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows	158.13	13.48
		For 24" Radius, Add	*11.02*	
		For 36" Radius, Add	*15.81*	
		For 48" Radius, Add	*20.61*	
26 05 33 13-1679	EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows	167.80	16.86
		For 24" Radius, Add	*11.53*	
		For 36" Radius, Add	*16.78*	
		For 48" Radius, Add	*22.03*	
26 05 33 13-1680	EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows	195.66	21.07
		For 24" Radius, Add	*13.36*	
		For 36" Radius, Add	*19.57*	
		For 48" Radius, Add	*25.77*	
26 05 33 13-1681	EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows	234.35	25.28
		For 24" Radius, Add	*16.00*	
		For 36" Radius, Add	*23.44*	
		For 48" Radius, Add	*30.87*	
26 05 33 13-1682	EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows	279.12	29.50
		For 24" Radius, Add	*19.09*	
		For 36" Radius, Add	*27.91*	
		For 48" Radius, Add	*36.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1683	EA	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows	320.58	35.82
		For 24" Radius, Add	*21.81*	
		For 36" Radius, Add	*32.06*	
		For 48" Radius, Add	*42.31*	
26 05 33 13-1684	EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows	362.06	42.14
		For 24" Radius, Add	*24.52*	
		For 36" Radius, Add	*36.21*	
		For 48" Radius, Add	*47.89*	
26 05 33 13-1685	EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows	452.57	52.67
		For 24" Radius, Add	*30.65*	
		For 36" Radius, Add	*45.26*	
		For 48" Radius, Add	*59.86*	
26 05 33 13-1686	EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows	559.13	63.21
		For 24" Radius, Add	*37.98*	
		For 36" Radius, Add	*55.91*	
		For 48" Radius, Add	*73.84*	
26 05 33 13-1687		**Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbows, 12" Large Radius Elbows** *(26 05 33 13-1660)*		
26 05 33 13-1688	EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbow, 12" Large Radius Elbows	110.41	8.42
		For 24" Radius, Add	*7.75*	
		For 36" Radius, Add	*11.04*	
		For 48" Radius, Add	*14.33*	
26 05 33 13-1689	EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbow, 12" Large Radius Elbows	123.20	9.27
		For 24" Radius, Add	*8.66*	
		For 36" Radius, Add	*12.32*	
		For 48" Radius, Add	*15.98*	
26 05 33 13-1690	EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbow, 12" Large Radius Elbows	127.37	10.54
		For 24" Radius, Add	*8.89*	
		For 36" Radius, Add	*12.74*	
		For 48" Radius, Add	*16.58*	
26 05 33 13-1691	EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbow, 12" Large Radius Elbows	135.74	13.48
		For 24" Radius, Add	*9.34*	
		For 36" Radius, Add	*13.57*	
		For 48" Radius, Add	*17.81*	
26 05 33 13-1692	EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbow, 12" Large Radius Elbows	145.18	16.86
		For 24" Radius, Add	*9.84*	
		For 36" Radius, Add	*14.52*	
		For 48" Radius, Add	*19.20*	
26 05 33 13-1693	EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbow, 12" Large Radius Elbows	169.92	21.07
		For 24" Radius, Add	*11.43*	
		For 36" Radius, Add	*16.99*	
		For 48" Radius, Add	*22.56*	
26 05 33 13-1694	EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbow, 12" Large Radius Elbows	203.55	25.28
		For 24" Radius, Add	*13.69*	
		For 36" Radius, Add	*20.36*	
		For 48" Radius, Add	*27.02*	
26 05 33 13-1695	EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbow, 12" Large Radius Elbows	242.15	29.50
		For 24" Radius, Add	*16.32*	
		For 36" Radius, Add	*24.22*	
		For 48" Radius, Add	*32.11*	
26 05 33 13-1696	EA	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbow, 12" Large Radius Elbows	278.99	35.82
		For 24" Radius, Add	*18.69*	
		For 36" Radius, Add	*27.90*	
		For 48" Radius, Add	*37.11*	
26 05 33 13-1697	EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbow, 12" Large Radius Elbows	315.85	42.14
		For 24" Radius, Add	*21.06*	
		For 36" Radius, Add	*31.59*	
		For 48" Radius, Add	*42.12*	
26 05 33 13-1698	EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbow, 12" Large Radius Elbows	394.81	52.67
		For 24" Radius, Add	*26.32*	
		For 36" Radius, Add	*39.48*	
		For 48" Radius, Add	*52.64*	
26 05 33 13-1699	EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbow, 12" Large Radius Elbows	486.93	63.21
		For 24" Radius, Add	*32.57*	
		For 36" Radius, Add	*48.69*	
		For 48" Radius, Add	*64.82*	
26 05 33 13-1700		**Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbows, 12" Large Radius Elbows** *(26 05 33 13-1660)*		
26 05 33 13-1701	EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbow, 12" Large Radius Elbows	102.85	7.58
		For 24" Radius, Add	*7.24*	
		For 36" Radius, Add	*10.29*	
		For 48" Radius, Add	*13.33*	
26 05 33 13-1702	EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbow, 12" Large Radius Elbows	114.78	8.34
		For 24" Radius, Add	*8.09*	
		For 36" Radius, Add	*11.48*	
		For 48" Radius, Add	*14.87*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1703	EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbow, 12" Large Radius Elbows	118.58	9.49
		For 24" Radius, Add	*8.30*	
		For 36" Radius, Add	*11.86*	
		For 48" Radius, Add	*15.42*	
26 05 33 13-1704	EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbow, 12" Large Radius Elbows	126.14	12.14
		For 24" Radius, Add	*8.70*	
		For 36" Radius, Add	*12.61*	
		For 48" Radius, Add	*16.53*	
26 05 33 13-1705	EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbow, 12" Large Radius Elbows	134.68	15.17
		For 24" Radius, Add	*9.15*	
		For 36" Radius, Add	*13.47*	
		For 48" Radius, Add	*17.78*	
26 05 33 13-1706	EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbow, 12" Large Radius Elbows	157.51	18.96
		For 24" Radius, Add	*10.63*	
		For 36" Radius, Add	*15.75*	
		For 48" Radius, Add	*20.87*	
26 05 33 13-1707	EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbow, 12" Large Radius Elbows	188.67	22.76
		For 24" Radius, Add	*12.73*	
		For 36" Radius, Add	*18.87*	
		For 48" Radius, Add	*25.01*	
26 05 33 13-1708	EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbow, 12" Large Radius Elbows	224.50	26.55
		For 24" Radius, Add	*15.18*	
		For 36" Radius, Add	*22.45*	
		For 48" Radius, Add	*29.72*	
26 05 33 13-1709	EA	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbow, 12" Large Radius Elbows	258.49	32.23
		For 24" Radius, Add	*17.37*	
		For 36" Radius, Add	*25.85*	
		For 48" Radius, Add	*34.33*	
26 05 33 13-1710	EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbow, 12" Large Radius Elbows	292.48	37.92
		For 24" Radius, Add	*19.57*	
		For 36" Radius, Add	*29.25*	
		For 48" Radius, Add	*38.93*	
26 05 33 13-1711	EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbow, 12" Large Radius Elbows	365.61	47.41
		For 24" Radius, Add	*24.46*	
		For 36" Radius, Add	*36.56*	
		For 48" Radius, Add	*48.66*	
26 05 33 13-1712	EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbow, 12" Large Radius Elbows	451.08	56.89
		For 24" Radius, Add	*30.28*	
		For 36" Radius, Add	*45.11*	
		For 48" Radius, Add	*59.94*	

26 05 33 13-1713 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbows, 12" Large Radius Elbows *(26 05 33 13-1660)*

26 05 33 13-1714	EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbow, 12" Large Radius Elbows	97.41	7.58
		For 24" Radius, Add	*6.83*	
		For 36" Radius, Add	*9.74*	
		For 48" Radius, Add	*12.65*	
26 05 33 13-1715	EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbow, 12" Large Radius Elbows	108.69	8.34
		For 24" Radius, Add	*7.63*	
		For 36" Radius, Add	*10.87*	
		For 48" Radius, Add	*14.11*	
26 05 33 13-1716	EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbow, 12" Large Radius Elbows	112.42	9.49
		For 24" Radius, Add	*7.84*	
		For 36" Radius, Add	*11.24*	
		For 48" Radius, Add	*14.65*	
26 05 33 13-1717	EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbow, 12" Large Radius Elbows	119.92	12.14
		For 24" Radius, Add	*8.24*	
		For 36" Radius, Add	*11.99*	
		For 48" Radius, Add	*15.75*	
26 05 33 13-1718	EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbow, 12" Large Radius Elbows	128.39	15.17
		For 24" Radius, Add	*8.68*	
		For 36" Radius, Add	*12.84*	
		For 48" Radius, Add	*17.00*	
26 05 33 13-1719	EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbow, 12" Large Radius Elbows	150.36	18.96
		For 24" Radius, Add	*10.09*	
		For 36" Radius, Add	*15.04*	
		For 48" Radius, Add	*19.98*	
26 05 33 13-1720	EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbow, 12" Large Radius Elbows	180.11	22.76
		For 24" Radius, Add	*12.09*	
		For 36" Radius, Add	*18.01*	
		For 48" Radius, Add	*23.94*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1721	EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbow, 12" Large Radius Elbows	214.24	26.55
		For 24" Radius, Add	*14.41*	
		For 36" Radius, Add	*21.42*	
		For 48" Radius, Add	*28.44*	
26 05 33 13-1722	EA	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbow, 12" Large Radius Elbows	246.94	32.23
		For 24" Radius, Add	*16.51*	
		For 36" Radius, Add	*24.69*	
		For 48" Radius, Add	*32.88*	
26 05 33 13-1723	EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbow, 12" Large Radius Elbows	279.64	37.92
		For 24" Radius, Add	*18.60*	
		For 36" Radius, Add	*27.96*	
		For 48" Radius, Add	*37.33*	
26 05 33 13-1724	EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbow, 12" Large Radius Elbows	349.56	47.41
		For 24" Radius, Add	*23.25*	
		For 36" Radius, Add	*34.96*	
		For 48" Radius, Add	*46.66*	
26 05 33 13-1725	EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbow, 12" Large Radius Elbows	431.02	56.89
		For 24" Radius, Add	*28.77*	
		For 36" Radius, Add	*43.10*	
		For 48" Radius, Add	*57.43*	

26 05 33 13-1726 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Couplings *(26 05 33 13-1660)*

26 05 33 13-1727	EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling	59.86	5.90
26 05 33 13-1728	EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling	67.13	6.74
26 05 33 13-1729	EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling	69.75	7.58
26 05 33 13-1730	EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling	72.28	8.42
26 05 33 13-1731	EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling	78.57	10.54
26 05 33 13-1732	EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling	93.81	12.64
26 05 33 13-1733	EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling	117.01	16.86
26 05 33 13-1734	EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling	142.52	21.07
26 05 33 13-1735	EA	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling	169.56	27.39
26 05 33 13-1736	EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling	196.59	33.71
26 05 33 13-1737	EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling	245.73	42.14
26 05 33 13-1738	EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling	307.10	52.67

26 05 33 13-1739 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Couplings *(26 05 33 13-1660)*

26 05 33 13-1740	EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling	40.20	5.90
26 05 33 13-1741	EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling	45.14	6.74
26 05 33 13-1742	EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling	47.54	7.58
26 05 33 13-1743	EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling	49.95	8.42
26 05 33 13-1744	EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling	55.51	10.54
26 05 33 13-1745	EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling	60.95	12.64
26 05 33 13-1746	EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling	77.35	16.86
26 05 33 13-1747	EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling	94.94	21.07
26 05 33 13-1748	EA	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling	116.04	27.39
26 05 33 13-1749	EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling	137.12	33.71
26 05 33 13-1750	EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling	171.45	42.14
26 05 33 13-1751	EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling	214.25	52.67

26 05 33 13-1752 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Couplings *(26 05 33 13-1660)*

26 05 33 13-1753	EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling	46.39	4.85
26 05 33 13-1754	EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling	52.03	6.74
26 05 33 13-1755	EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling	54.51	7.58
26 05 33 13-1756	EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling	56.84	8.42
26 05 33 13-1757	EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling	62.91	10.54
26 05 33 13-1758	EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling	75.16	12.64
26 05 33 13-1759	EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling	94.38	16.86
26 05 33 13-1760	EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling	115.35	21.07
26 05 33 13-1761	EA	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling	138.99	27.39
26 05 33 13-1762	EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling	162.62	33.71
26 05 33 13-1763	EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling	203.24	42.14
26 05 33 13-1764	EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling	254.09	52.67

26 05 33 13-1765 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joints *(26 05 33 13-1660)*

26 05 33 13-1766	EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint	87.54	21.07
26 05 33 13-1767	EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint	101.89	25.28
26 05 33 13-1768	EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint	112.86	29.50
26 05 33 13-1769	EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint	123.64	33.71

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26 05 33 13-1770	EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint	135.07	37.92
26 05 33 13-1771	EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint	153.27	42.14
26 05 33 13-1772	EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint	178.67	48.46
26 05 33 13-1773	EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint	205.96	54.78
26 05 33 13-1774	EA	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint	235.65	63.21
26 05 33 13-1775	EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint	270.62	73.75
26 05 33 13-1776	EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint	318.52	84.28
26 05 33 13-1777	EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint	371.81	94.81

26 05 33 13-1778 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joints *(26 05 33 13-1660)*

26 05 33 13-1779	EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint	101.70	21.07
26 05 33 13-1780	EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint	117.76	25.28
26 05 33 13-1781	EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint	128.82	29.50
26 05 33 13-1782	EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint	139.77	33.71
26 05 33 13-1783	EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint	151.33	37.92
26 05 33 13-1784	EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint	171.84	42.14
26 05 33 13-1785	EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint	200.95	48.46
26 05 33 13-1786	EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint	232.70	54.78
26 05 33 13-1787	EA	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint	265.75	63.21
26 05 33 13-1788	EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint	304.07	73.75
26 05 33 13-1789	EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint	360.45	84.28
26 05 33 13-1790	EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint	424.22	94.81

26 05 33 13-1791 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapters *(26 05 33 13-1660)*

26 05 33 13-1792	EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter	131.33	5.90
26 05 33 13-1793	EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter	146.37	6.74
26 05 33 13-1794	EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter	152.45	7.58
26 05 33 13-1795	EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter	158.71	8.42
26 05 33 13-1796	EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter	166.11	10.54
26 05 33 13-1797	EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter	184.68	12.64
26 05 33 13-1798	EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter	225.86	16.86
26 05 33 13-1799	EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter	273.01	21.07
26 05 33 13-1800	EA	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter	316.38	27.39
26 05 33 13-1801	EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter	359.73	33.71
26 05 33 13-1802	EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter	449.77	42.14
26 05 33 13-1803	EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter	559.53	52.67

26 05 33 13-1804 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joints *(26 05 33 13-1660)*

26 05 33 13-1805	EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint	126.32	21.07
26 05 33 13-1806	EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint	145.06	25.28
26 05 33 13-1807	EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint	174.86	29.50
26 05 33 13-1808	EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint	220.60	33.71
26 05 33 13-1809	EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint	281.69	37.92
26 05 33 13-1810	EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint	382.31	42.14
26 05 33 13-1811	EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint	556.98	48.46
26 05 33 13-1812	EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint	677.36	54.78
26 05 33 13-1813	EA	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint	822.64	63.21
26 05 33 13-1814	EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint	973.19	73.75
26 05 33 13-1815	EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint	1,147.70	84.28
26 05 33 13-1816	EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint	1,827.76	94.81

26 05 33 13-1817 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Type LB, LR Or LL, Two Hub Conduit Body And Cover *(26 05 33 13-1660)*

26 05 33 13-1818	EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Type LB, LR Or LL, Two Hub Conduit Body And Cover	107.34	16.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.64*	
26 05 33 13-1819	EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Type LB, LR Or LL, Two Hub Conduit Body And Cover	125.16	18.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.22*	
26 05 33 13-1820	EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Type LB, LR Or LL, Two Hub Conduit Body And Cover	171.21	21.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.80*	
26 05 33 13-1821	EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Type LB, LR Or LL, Two Hub Conduit Body And Cover	209.64	25.28
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.96*	
26 05 33 13-1822	EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Type LB, LR Or LL, Two Hub Conduit Body And Cover	267.28	31.60
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.70*	
26 05 33 13-1823	EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Type LB, LR Or LL, Two Hub Conduit Body And Cover	373.73	37.92
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*28.44*	
26 05 33 13-1824	EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Type LB, LR Or LL, Two Hub Conduit Body And Cover	633.60	44.25
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*33.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1825	EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Type LB, LR Or LL, Two Hub Conduit Body And Cover	823.73	50.57
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*37.93*	
26 05 33 13-1826	EA	3-1/2" Type LB, LR Or LL, Two Hub Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Body And Cover	992.97	59.00
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*44.25*	
26 05 33 13-1827	EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Type LB, LR Or LL, Two Hub Conduit Body And Cover	1,162.22	67.42
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*50.57*	
26 05 33 13-1828	EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Type LB, LR Or LL, Two Hub Conduit Body And Cover	1,375.05	75.85
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*56.89*	
26 05 33 13-1829	EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Type LB, LR Or LL, Two Hub Conduit Body And Cover	1,561.73	84.28
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*63.21*	

26 05 33 13-1830 Explosion Proof Conduit Fittings *(26 05 33 13-0059)*

Note: For use with Rigid Galvanized Steel (RGS), Electrical Metallic Tubing (EMT) and Intermediate Metal Conduit (IMC) conduit.

26 05 33 13-1831 Explosion Proof Malleable Iron Conduit Unions *(26 05 33 13-1830)*

26 05 33 13-1832	EA	1/2" Explosion Proof Malleable Iron Conduit Union	40.17	8.83
26 05 33 13-1833	EA	3/4" Explosion Proof Malleable Iron Conduit Union	49.31	9.75
26 05 33 13-1834	EA	1" Explosion Proof Malleable Iron Conduit Union	77.76	13.00
26 05 33 13-1835	EA	1-1/4" Explosion Proof Malleable Iron Conduit Union	102.40	14.40
26 05 33 13-1836	EA	1-1/2" Explosion Proof Malleable Iron Conduit Union	128.76	17.65
26 05 33 13-1837	EA	2" Explosion Proof Malleable Iron Conduit Union	160.11	20.43
26 05 33 13-1838	EA	2-1/2" Explosion Proof Malleable Iron Conduit Union	243.30	29.21
26 05 33 13-1839	EA	3" Explosion Proof Malleable Iron Conduit Union	308.78	34.77
26 05 33 13-1840	EA	3-1/2" Explosion Proof Malleable Iron Conduit Union	515.32	41.73
26 05 33 13-1841	EA	4" Explosion Proof Malleable Iron Conduit Union	548.31	53.31

26 05 33 13-1842 Explosion Proof Malleable Iron Conduit Bodies *(26 05 33 13-1830)*

26 05 33 13-1843	EA	1/2" Explosion Proof Malleable Iron Two Hub Conduit Body	141.62	27.86
26 05 33 13-1844	EA	3/4" Explosion Proof Malleable Iron Two Hub Conduit Body	159.66	31.58
26 05 33 13-1845	EA	1" Explosion Proof Malleable Iron Two Hub Conduit Conduit Body	186.58	34.83
26 05 33 13-1846	EA	1/2" Explosion Proof Malleable Iron Three Hub Conduit Body	160.40	34.83
26 05 33 13-1847	EA	3/4" Explosion Proof Malleable Iron Three Hub Conduit Body	191.16	41.80
26 05 33 13-1848	EA	1" Explosion Proof Malleable Iron Three Hub Conduit Body	225.92	47.83

26 05 33 13-1849 Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical *(26 05 33 13-1830)*

Note: Includes sealing gasket and lock nut.

26 05 33 13-1850	EA	1/2" x 1" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical	117.16	23.22
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.42*	
26 05 33 13-1851	EA	3/4" x 1" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical	120.13	26.00
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.51*	
26 05 33 13-1852	EA	1" x 1-1/2" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical	131.11	28.33
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.25*	
26 05 33 13-1853	EA	1-1/4" x 2" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical	168.24	34.83
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*26.12*	
26 05 33 13-1854	EA	1-1/2" x 2" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical	214.16	40.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*30.65*	
26 05 33 13-1855	EA	2" x 2-1/2" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical	274.20	46.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*34.83*	
26 05 33 13-1856	EA	2-1/2" x 3" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical	390.95	69.54
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*52.16*	
26 05 33 13-1857	EA	3" x 4" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical	494.01	87.16
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*65.37*	
26 05 33 13-1858	EA	3-1/2" x 4" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical	693.06	95.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*71.98*	
26 05 33 13-1859	EA	4" x 5" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical	890.94	104.31
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*78.23*	

26 05 33 13-1860 Explosion Proof Flexible Conduit Couplings *(26 05 33 13-1830)*

26 05 33 13-1861	EA	1/2" x 12" Explosion Proof Flexible Conduit Coupling	305.27	10.68
26 05 33 13-1862	EA	3/4" x 15" Explosion Proof Flexible Conduit Coupling	399.08	12.08

26 05 33 13-1863 Conduit Installed Below Grade *(26 05 33 13-0058)*

Note: By direct burial In trench or in concrete slabs or duct banks. Includes detectable warning tape for underground conduits. Excludes trenching, backfilling and concrete.

26 05 33 13-1864 Schedule 40 Polyvinyl Chloride (PVC) Conduit, Direct Burial *(26 05 33 13-1863)*

26 05 33 13-1865 Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End, Direct Burial *(26 05 33 13-1864)*

Note: Includes field bend conduit up to and including 1". See CSI section 26 05 33 13-2324 for field bending >1".

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1866	LF	1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End, Direct Burial	4.46	
		For Schedule 60, Add	*0.43*	
		For Schedule 80, Add	*0.70*	
26 05 33 13-1867	LF	3/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End, Direct Burial	5.07	
		For Schedule 60, Add	*0.53*	
		For Schedule 80, Add	*0.85*	
26 05 33 13-1868	LF	1" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End, Direct Burial	6.02	
		For Schedule 60, Add	*0.72*	
		For Schedule 80, Add	*1.12*	
26 05 33 13-1869	LF	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End, Direct Burial	6.98	
		For Schedule 60, Add	*0.90*	
		For Schedule 80, Add	*1.39*	
26 05 33 13-1870	LF	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End, Direct Burial	7.79	
		For Schedule 60, Add	*1.05*	
		For Schedule 80, Add	*1.61*	
26 05 33 13-1871	LF	2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End, Direct Burial	9.10	
		For Schedule 60, Add	*1.33*	
		For Schedule 80, Add	*2.00*	
26 05 33 13-1872	LF	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End, Direct Burial	11.97	
		For Schedule 60, Add	*1.99*	
		For Schedule 80, Add	*2.94*	
26 05 33 13-1873	LF	3" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End, Direct Burial	13.56	
		For Schedule 60, Add	*2.34*	
		For Schedule 80, Add	*3.43*	
26 05 33 13-1874	LF	3-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End, Direct Burial	16.13	
		For Schedule 60, Add	*2.93*	
		For Schedule 80, Add	*4.26*	
26 05 33 13-1875	LF	4" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End, Direct Burial	17.43	
		For Schedule 60, Add	*3.20*	
		For Schedule 80, Add	*4.65*	
26 05 33 13-1876	LF	5" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End, Direct Burial	23.03	
		For Schedule 60, Add	*4.55*	
		For Schedule 80, Add	*6.55*	
26 05 33 13-1877	LF	6" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End, Direct Burial	28.73	
		For Schedule 60, Add	*5.92*	
		For Schedule 80, Add	*8.48*	

26 05 33 13-1878 Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbows, Direct Burial *(26 05 33 13-1864)*

See CSI section 26 05 33 13-2324 for conduit field bending.

26 05 33 13-1879	EA	1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial	27.77	
		For Schedule 60, Add	*1.68*	
		For Schedule 80, Add	*3.14*	
26 05 33 13-1880	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial	33.32	
		For Schedule 60, Add	*2.01*	
		For Schedule 80, Add	*3.76*	
26 05 33 13-1881	EA	1" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial	39.57	
		For Schedule 60, Add	*2.52*	
		For Schedule 80, Add	*4.63*	
26 05 33 13-1882	EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial	46.03	
		For Schedule 60, Add	*3.08*	
		For Schedule 80, Add	*5.58*	
26 05 33 13-1883	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial	52.69	
		For Schedule 60, Add	*3.69*	
		For Schedule 80, Add	*6.59*	
26 05 33 13-1884	EA	2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial	59.97	
		For Schedule 60, Add	*4.46*	
		For Schedule 80, Add	*7.82*	
26 05 33 13-1885	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial	70.84	
		For Schedule 60, Add	*6.12*	
		For Schedule 80, Add	*10.31*	
26 05 33 13-1886	EA	3" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial	84.28	
		For Schedule 60, Add	*8.43*	
		For Schedule 80, Add	*13.70*	
26 05 33 13-1887	EA	3-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial	103.04	
		For Schedule 60, Add	*11.01*	
		For Schedule 80, Add	*17.63*	
26 05 33 13-1888	EA	4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial	121.96	
		For Schedule 60, Add	*13.63*	
		For Schedule 80, Add	*21.62*	
26 05 33 13-1889	EA	5" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial	161.25	
		For Schedule 60, Add	*21.35*	
		For Schedule 80, Add	*32.74*	
26 05 33 13-1890	EA	6" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial	190.05	
		For Schedule 60, Add	*26.44*	
		For Schedule 80, Add	*40.18*	

26 05 33 13-1891 Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbows, Direct Burial *(26 05 33 13-1864)*

See CSI section 26 05 33 13-2324 for conduit field bending.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1892	EA	1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial	27.77	
		For Schedule 60, Add	*1.68*	
		For Schedule 80, Add	*3.14*	
26 05 33 13-1893	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial	33.22	
		For Schedule 60, Add	*1.99*	
		For Schedule 80, Add	*3.73*	
26 05 33 13-1894	EA	1" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial	39.42	
		For Schedule 60, Add	*2.48*	
		For Schedule 80, Add	*4.58*	
26 05 33 13-1895	EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial	45.61	
		For Schedule 60, Add	*2.97*	
		For Schedule 80, Add	*5.43*	
26 05 33 13-1896	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial	51.75	
		For Schedule 60, Add	*3.46*	
		For Schedule 80, Add	*6.26*	
26 05 33 13-1897	EA	2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial	59.47	
		For Schedule 60, Add	*4.33*	
		For Schedule 80, Add	*7.65*	
26 05 33 13-1898	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial	69.90	
		For Schedule 60, Add	*5.89*	
		For Schedule 80, Add	*9.98*	
26 05 33 13-1899	EA	3" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial	83.09	
		For Schedule 60, Add	*8.13*	
		For Schedule 80, Add	*13.28*	
26 05 33 13-1900	EA	3-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial	99.71	
		For Schedule 60, Add	*10.18*	
		For Schedule 80, Add	*16.46*	
26 05 33 13-1901	EA	4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial	119.10	
		For Schedule 60, Add	*12.92*	
		For Schedule 80, Add	*20.62*	
26 05 33 13-1902	EA	5" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial	157.55	
		For Schedule 60, Add	*20.43*	
		For Schedule 80, Add	*31.44*	
26 05 33 13-1903	EA	6" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial	179.02	
		For Schedule 60, Add	*23.69*	
		For Schedule 80, Add	*36.32*	

26 05 33 13-1904 Polyvinyl Chloride (PVC) Conduit Female Adapters, Direct Burial *(26 05 33 13-1864)*

26 05 33 13-1905	EA	1/2" Polyvinyl Chloride (PVC) Conduit Female Adapter, Direct Burial	15.41	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.43*	
26 05 33 13-1906	EA	3/4" Polyvinyl Chloride (PVC) Conduit Female Adapter, Direct Burial	17.76	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.06*	
26 05 33 13-1907	EA	1" Polyvinyl Chloride (PVC) Conduit Female Adapter, Direct Burial	20.20	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.69*	
26 05 33 13-1908	EA	1-1/4" Polyvinyl Chloride (PVC) Conduit Female Adapter, Direct Burial	22.77	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.32*	
26 05 33 13-1909	EA	1-1/2" Polyvinyl Chloride (PVC) Conduit Female Adapter, Direct Burial	25.04	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.95*	
26 05 33 13-1910	EA	2" Polyvinyl Chloride (PVC) Conduit Female Adapter, Direct Burial	27.93	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.58*	
26 05 33 13-1911	EA	2-1/2" Polyvinyl Chloride (PVC) Conduit Female Adapter, Direct Burial	33.32	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.54*	
26 05 33 13-1912	EA	3" Polyvinyl Chloride (PVC) Conduit Female Adapter, Direct Burial	38.23	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.48*	
26 05 33 13-1913	EA	3-1/2" Polyvinyl Chloride (PVC) Conduit Female Adapter, Direct Burial	45.28	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.06*	
26 05 33 13-1914	EA	4" Polyvinyl Chloride (PVC) Conduit Female Adapter, Direct Burial	50.94	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.64*	
26 05 33 13-1915	EA	5" Polyvinyl Chloride (PVC) Conduit Female Adapter, Direct Burial	65.18	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.22*	
26 05 33 13-1916	EA	6" Polyvinyl Chloride (PVC) Conduit Female Adapter, Direct Burial	74.12	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.80*	

26 05 33 13-1917 Polyvinyl Chloride (PVC) Conduit Bell Ends And Plug, Direct Burial *(26 05 33 13-1864)*

26 05 33 13-1918	EA	1/2" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial	18.03
26 05 33 13-1919	EA	3/4" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial	20.52
26 05 33 13-1920	EA	1" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial	23.05
26 05 33 13-1921	EA	1-1/4" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial	29.57
26 05 33 13-1922	EA	1-1/2" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial	32.73
26 05 33 13-1923	EA	2" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial	36.79
26 05 33 13-1924	EA	2-1/2" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial	41.16
26 05 33 13-1925	EA	3" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial	46.58
26 05 33 13-1926	EA	3-1/2" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial	55.20
26 05 33 13-1927	EA	4" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial	60.87
26 05 33 13-1928	EA	5" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial	77.13
26 05 33 13-1929	EA	6" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial	86.78

26 05 33 13-1930 Polyvinyl Chloride (PVC) Conduit Male Terminal Adapters, Direct Burial *(26 05 33 13-1864)*

26 05 33 13-1931	EA	1/2" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapters, Direct Burial	15.30

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1932	EA	3/4" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapters, Direct Burial	17.76	
26 05 33 13-1933	EA	1" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapters, Direct Burial	20.05	
26 05 33 13-1934	EA	1-1/4" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapters, Direct Burial	22.51	
26 05 33 13-1935	EA	1-1/2" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter, Direct Burial	24.81	
26 05 33 13-1936	EA	2" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter, Direct Burial	27.61	
26 05 33 13-1937	EA	2-1/2" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter, Direct Burial	32.69	
26 05 33 13-1938	EA	3" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter, Direct Burial	37.35	
26 05 33 13-1939	EA	3-1/2" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter, Direct Burial	44.16	
26 05 33 13-1940	EA	4" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter, Direct Burial	49.78	
26 05 33 13-1941	EA	5" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter, Direct Burial	62.90	
26 05 33 13-1942	EA	6" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter, Direct Burial	71.38	

26 05 33 13-1943 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial *(26 05 33 13-1863)*

Note: 40 mil Polyvinyl Chloride (PVC) coated, 2 mil urethane lined (Ocal Blue, Crouse-Hinds, Appleton or O-Z/Gedney).

26 05 33 13-1944 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial *(26 05 33 13-1943)*

Note: Includes field bending for conduit up to and including 1". See CSI section 26 05 33 13-2314 for field bending >1".

26 05 33 13-1945	LF	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial	11.51	2.23
		For >250 To 500, Deduct	*-0.43*	
		For >500 To 1,000, Deduct	*-0.72*	
		For >1,000, Deduct	*-1.01*	
26 05 33 13-1946	LF	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial	12.93	2.76
		For >250 To 500, Deduct	*-0.49*	
		For >500 To 1,000, Deduct	*-0.81*	
		For >1,000, Deduct	*-1.13*	
26 05 33 13-1947	LF	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial	15.93	3.07
		For >250 To 500, Deduct	*-0.61*	
		For >500 To 1,000, Deduct	*-1.01*	
		For >1,000, Deduct	*-1.41*	
26 05 33 13-1948	LF	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial	19.27	4.13
		For >250 To 500, Deduct	*-0.75*	
		For >500 To 1,000, Deduct	*-1.23*	
		For >1,000, Deduct	*-1.72*	
26 05 33 13-1949	LF	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial	22.65	4.66
		For >250 To 500, Deduct	*-0.89*	
		For >500 To 1,000, Deduct	*-1.46*	
		For >1,000, Deduct	*-2.03*	
26 05 33 13-1950	LF	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial	28.75	5.08
		For >250 To 500, Deduct	*-1.15*	
		For >500 To 1,000, Deduct	*-1.87*	
		For >1,000, Deduct	*-2.58*	
26 05 33 13-1951	LF	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial	41.81	7.62
		For >250 To 500, Deduct	*-1.69*	
		For >500 To 1,000, Deduct	*-2.74*	
		For >1,000, Deduct	*-3.78*	
26 05 33 13-1952	LF	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial	53.88	9.53
		For >250 To 500, Deduct	*-2.16*	
		For >500 To 1,000, Deduct	*-3.51*	
		For >1,000, Deduct	*-4.86*	
26 05 33 13-1953	LF	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial	66.47	10.06
		For >250 To 500, Deduct	*-2.66*	
		For >500 To 1,000, Deduct	*-4.32*	
		For >1,000, Deduct	*-5.99*	
26 05 33 13-1954	LF	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial	78.92	11.12
		For >250 To 500, Deduct	*-3.15*	
		For >500 To 1,000, Deduct	*-5.13*	
		For >1,000, Deduct	*-7.10*	
26 05 33 13-1955	LF	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial	123.81	15.35
		For >250 To 500, Deduct	*-5.18*	
		For >500 To 1,000, Deduct	*-8.28*	
		For >1,000, Deduct	*-11.38*	
26 05 33 13-1956	LF	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial	165.36	20.12
		For >250 To 500, Deduct	*-7.00*	
		For >500 To 1,000, Deduct	*-11.13*	
		For >1,000, Deduct	*-15.27*	

26 05 33 13-1957 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Couplings, Direct Burial *(26 05 33 13-1943)*

26 05 33 13-1958	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial	12.35	3.18
26 05 33 13-1959	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial	14.75	4.23
26 05 33 13-1960	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial	18.74	5.29
26 05 33 13-1961	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial	21.16	5.83
26 05 33 13-1962	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial	25.07	6.88
26 05 33 13-1963	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial	32.42	7.94
26 05 33 13-1964	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial	60.01	9.53
26 05 33 13-1965	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial	76.20	13.24
26 05 33 13-1966	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial	94.50	15.35

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1967	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial	116.96	21.18
26 05 33 13-1968	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial	301.32	29.12
26 05 33 13-1969	EA	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial	304.36	16.41
26 05 33 13-1970		**Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbows, Direct Burial** *(26 05 33 13-1943)*		
		Note: 90, 45, or 30 degree.		
26 05 33 13-1971	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial	47.48	13.24
26 05 33 13-1972	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial	54.64	16.41
26 05 33 13-1973	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial	65.25	20.12
26 05 33 13-1974	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial	77.33	23.29
26 05 33 13-1975	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial	90.71	26.47
26 05 33 13-1976	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial	110.95	29.12
26 05 33 13-1977	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial	172.38	36.53
26 05 33 13-1978	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial	258.23	49.77
26 05 33 13-1979	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial	320.48	56.12
26 05 33 13-1980	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial	366.26	73.06
26 05 33 13-1981	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial	768.73	119.13
26 05 33 13-1982	EA	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial	1,210.58	178.96
26 05 33 13-1983		**Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbows, Direct Burial** *(26 05 33 13-1943)*		
26 05 33 13-1984	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbow, Direct Burial	114.76	20.12
26 05 33 13-1985	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbow, Direct Burial	129.02	23.29
26 05 33 13-1986	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbow, Direct Burial	147.31	26.47
26 05 33 13-1987	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbow, Direct Burial	176.25	29.12
26 05 33 13-1988	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbow, Direct Burial	246.29	36.53
26 05 33 13-1989		**Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbows, Direct Burial** *(26 05 33 13-1943)*		
26 05 33 13-1990	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow, Direct Burial	128.16	20.12
26 05 33 13-1991	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow, Direct Burial	151.15	23.29
26 05 33 13-1992	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow, Direct Burial	163.17	26.47
26 05 33 13-1993	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow, Direct Burial	210.84	29.12
26 05 33 13-1994	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow, Direct Burial	279.65	36.53
26 05 33 13-1995	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow, Direct Burial	357.16	49.77
26 05 33 13-1996		**Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbows, Direct Burial** *(26 05 33 13-1943)*		
26 05 33 13-1997	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow, Direct Burial	144.17	20.12
26 05 33 13-1998	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow, Direct Burial	162.67	23.29
26 05 33 13-1999	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow, Direct Burial	183.53	26.47
26 05 33 13-2000	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow, Direct Burial	222.32	29.12
26 05 33 13-2001	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow, Direct Burial	317.98	36.53
26 05 33 13-2002	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow, Direct Burial	402.16	49.77
26 05 33 13-2003	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow, Direct Burial	508.95	56.12
26 05 33 13-2004	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow, Direct Burial	571.59	73.06

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2005			**Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbows, Direct Burial** *(26 05 33 13-1943)*		
26 05 33 13-2006		EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow, Direct Burial	171.82	20.12
26 05 33 13-2007		EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow, Direct Burial	189.72	23.29
26 05 33 13-2008		EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow, Direct Burial	214.24	26.47
26 05 33 13-2009		EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow, Direct Burial	266.54	29.12
26 05 33 13-2010		EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow, Direct Burial	386.59	36.53
26 05 33 13-2011		EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow, Direct Burial	478.41	49.77
26 05 33 13-2012		EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow, Direct Burial	555.50	56.12
26 05 33 13-2013		EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow, Direct Burial	657.05	73.06
26 05 33 13-2014			**Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbows, Direct Burial** *(26 05 33 13-1943)*		
26 05 33 13-2015		EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow, Direct Burial	193.34	20.12
26 05 33 13-2016		EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow, Direct Burial	214.90	23.29
26 05 33 13-2017		EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow, Direct Burial	244.47	26.47
26 05 33 13-2018		EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow, Direct Burial	305.04	29.12
26 05 33 13-2019		EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow, Direct Burial	424.02	36.53
26 05 33 13-2020		EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow, Direct Burial	539.40	49.77
26 05 33 13-2021		EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow, Direct Burial	668.70	56.12
26 05 33 13-2022		EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow, Direct Burial	735.51	73.06
26 05 33 13-2023		EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow, Direct Burial	1,226.74	119.13
26 05 33 13-2024			**Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbows, Direct Burial** *(26 05 33 13-1943)*		
26 05 33 13-2025		EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow, Direct Burial	221.48	20.12
26 05 33 13-2026		EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow, Direct Burial	245.32	23.29
26 05 33 13-2027		EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow, Direct Burial	277.60	26.47
26 05 33 13-2028		EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow, Direct Burial	347.74	29.12
26 05 33 13-2029		EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow, Direct Burial	486.39	36.53
26 05 33 13-2030		EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow, Direct Burial	617.10	49.77
26 05 33 13-2031		EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow, Direct Burial	725.41	56.12
26 05 33 13-2032		EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow, Direct Burial	836.79	73.06
26 05 33 13-2033		EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow, Direct Burial	1,297.72	119.13
26 05 33 13-2034		EA	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow, Direct Burial	1,771.46	178.96
26 05 33 13-2035			**Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbows, Direct Burial** *(26 05 33 13-1943)*		
26 05 33 13-2036		EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow, Direct Burial	260.66	20.12
26 05 33 13-2037		EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow, Direct Burial	272.44	23.29
26 05 33 13-2038		EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow, Direct Burial	321.95	26.47
26 05 33 13-2039		EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow, Direct Burial	407.17	29.12
26 05 33 13-2040		EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow, Direct Burial	570.49	36.53
26 05 33 13-2041		EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow, Direct Burial	721.85	49.77

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2042	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow, Direct Burial	883.10	56.12
26 05 33 13-2043	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow, Direct Burial	1,033.82	73.06
26 05 33 13-2044	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow, Direct Burial	1,529.25	119.13
26 05 33 13-2045	EA	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow, Direct Burial	1,877.74	178.96
26 05 33 13-2046		**Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbows, Direct Burial** *(26 05 33 13-1943)*		
26 05 33 13-2047	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow, Direct Burial	270.10	20.12
26 05 33 13-2048	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow, Direct Burial	318.32	23.29
26 05 33 13-2049	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow, Direct Burial	360.30	26.47
26 05 33 13-2050	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow, Direct Burial	425.05	29.12
26 05 33 13-2051	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow, Direct Burial	591.50	36.53
26 05 33 13-2052	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow, Direct Burial	754.07	49.77
26 05 33 13-2053	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow, Direct Burial	968.98	56.12
26 05 33 13-2054	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow, Direct Burial	1,078.51	73.06
26 05 33 13-2055	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow, Direct Burial	1,591.45	119.13
26 05 33 13-2056	EA	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow, Direct Burial	1,931.74	178.96
26 05 33 13-2057		**Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS), UNF Conduit Unions, Direct Burial** *(26 05 33 13-1943)*		
26 05 33 13-2058	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial	89.08	13.24
26 05 33 13-2059	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial	96.58	16.41
26 05 33 13-2060	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial	125.71	20.12
26 05 33 13-2061	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial	184.14	23.29
26 05 33 13-2062	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial	218.85	26.47
26 05 33 13-2063	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial	279.33	29.12
26 05 33 13-2064	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial	372.39	36.53
26 05 33 13-2065	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial	485.73	36.53
26 05 33 13-2066	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial	624.13	56.12
26 05 33 13-2067	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial	803.41	73.06
26 05 33 13-2068	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial	1,466.78	119.13
26 05 33 13-2069	EA	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial	1,821.07	178.96
26 05 33 13-2070		**Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS), UNY Conduit Unions, Direct Burial** *(26 05 33 13-1943)*		
26 05 33 13-2071	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial	91.19	13.24
26 05 33 13-2072	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial	104.64	16.41
26 05 33 13-2073	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial	130.00	20.12
26 05 33 13-2074	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial	192.02	23.29
26 05 33 13-2075	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial	229.79	26.47
26 05 33 13-2076	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial	302.96	29.12
26 05 33 13-2077	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial	422.95	36.53
26 05 33 13-2078	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial	537.14	36.53
26 05 33 13-2079	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial	717.07	56.12

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26 05 33 13-2080	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial	896.00	73.06
26 05 33 13-2081	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial	1,636.52	119.13
26 05 33 13-2082	EA	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial	2,095.15	178.96

26 05 33 13-2083 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS), Nipples, Direct Burial *(26 05 33 13-1943)*

26 05 33 13-2084	EA	1/2" x 2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	30.46	6.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.81*	
26 05 33 13-2085	EA	3/4" x 2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	33.98	7.94
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.76*	
26 05 33 13-2086	EA	1" x 2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	39.21	10.06
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.04*	
26 05 33 13-2087	EA	1-1/4" x 2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	46.77	11.65
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.99*	
26 05 33 13-2088	EA	1-1/2" x 2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	50.72	13.24
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.94*	
26 05 33 13-2089	EA	1/2" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	33.81	6.88
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.13*	
26 05 33 13-2090	EA	3/4" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	36.40	7.94
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.76*	
26 05 33 13-2091	EA	1" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	41.66	10.06
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.04*	
26 05 33 13-2092	EA	1-1/4" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	49.37	11.65
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.99*	
26 05 33 13-2093	EA	1-1/2" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	53.52	13.24
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.94*	
26 05 33 13-2094	EA	2" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	57.91	14.82
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.90*	
26 05 33 13-2095	EA	1/2" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	33.98	6.88
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.13*	
26 05 33 13-2096	EA	3/4" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	36.57	7.94
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.76*	
26 05 33 13-2097	EA	1" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	41.97	10.06
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.03*	
26 05 33 13-2098	EA	1-1/4" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	49.71	11.65
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.99*	
26 05 33 13-2099	EA	1-1/2" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	53.86	13.24
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.94*	
26 05 33 13-2100	EA	2" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	58.79	14.82
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.90*	
26 05 33 13-2101	EA	1/2" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	36.28	6.88
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.13*	
26 05 33 13-2102	EA	3/4" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	38.88	7.94
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.76*	
26 05 33 13-2103	EA	1" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	44.44	10.06
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.03*	
26 05 33 13-2104	EA	1-1/4" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	51.12	11.65
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.99*	
26 05 33 13-2105	EA	1-1/2" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	55.41	13.24
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.94*	
26 05 33 13-2106	EA	2" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	61.50	14.82
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.90*	
26 05 33 13-2107	EA	2-1/2" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	86.56	18.00
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.80*	
26 05 33 13-2108	EA	3" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	111.62	24.89
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.93*	

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26 05 33 13-2109	EA	1/2" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	36.45	6.88
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.13*	
26 05 33 13-2110	EA	3/4" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	39.19	7.94
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.76*	
26 05 33 13-2111	EA	1" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	44.78	10.06
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.03*	
26 05 33 13-2112	EA	1-1/4" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	52.52	11.65
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.99*	
26 05 33 13-2113	EA	1-1/2" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	56.96	13.24
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.94*	
26 05 33 13-2114	EA	2" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	64.22	14.82
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.90*	
26 05 33 13-2115	EA	2-1/2" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	88.96	18.00
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.80*	
26 05 33 13-2116	EA	3" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	116.79	24.89
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.93*	
26 05 33 13-2117	EA	3-1/2" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	139.72	28.06
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.84*	
26 05 33 13-2118	EA	4" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	162.49	36.53
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.92*	
26 05 33 13-2119	EA	1/2" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	36.77	6.88
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.13*	
26 05 33 13-2120	EA	3/4" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	39.53	7.94
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.76*	
26 05 33 13-2121	EA	1" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	45.15	10.06
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.03*	
26 05 33 13-2122	EA	1-1/4" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	53.18	11.65
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.99*	
26 05 33 13-2123	EA	1-1/2" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	57.64	13.24
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.94*	
26 05 33 13-2124	EA	2" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	65.70	14.82
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.90*	
26 05 33 13-2125	EA	2-1/2" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	98.52	18.00
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.80*	
26 05 33 13-2126	EA	3" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	124.53	24.89
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.93*	
26 05 33 13-2127	EA	3-1/2" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	141.37	28.06
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.84*	
26 05 33 13-2128	EA	4" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	166.91	36.53
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.92*	
26 05 33 13-2129	EA	5" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	246.58	50.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*30.18*	
26 05 33 13-2130	EA	1/2" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	37.37	6.88
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.13*	
26 05 33 13-2131	EA	3/4" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	40.14	7.94
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.76*	
26 05 33 13-2132	EA	1" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	45.80	10.06
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.03*	
26 05 33 13-2133	EA	1-1/4" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	54.39	11.65
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.99*	
26 05 33 13-2134	EA	1-1/2" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	59.10	13.24
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.94*	
26 05 33 13-2135	EA	2" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	67.18	14.82
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.90*	
26 05 33 13-2136	EA	2-1/2" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	108.22	18.00
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2137	EA	3" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	134.81	24.89
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.93*	
26 05 33 13-2138	EA	3-1/2" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	150.63	28.06
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.84*	
26 05 33 13-2139	EA	4" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	182.53	36.53
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.92*	
26 05 33 13-2140	EA	5" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	269.94	50.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*30.18*	
26 05 33 13-2141	EA	1/2" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	38.32	6.88
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.13*	
26 05 33 13-2142	EA	3/4" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	41.06	7.94
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.76*	
26 05 33 13-2143	EA	1" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	47.26	10.06
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.03*	
26 05 33 13-2144	EA	1-1/4" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	54.71	11.65
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.99*	
26 05 33 13-2145	EA	1-1/2" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	62.06	13.24
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.94*	
26 05 33 13-2146	EA	2" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	74.41	14.82
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.90*	
26 05 33 13-2147	EA	2-1/2" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	120.15	18.00
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.80*	
26 05 33 13-2148	EA	3" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	148.88	24.89
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.93*	
26 05 33 13-2149	EA	3-1/2" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	173.83	28.06
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.84*	
26 05 33 13-2150	EA	4" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	205.99	36.53
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.92*	
26 05 33 13-2151	EA	5" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	285.95	50.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*30.18*	
26 05 33 13-2152	EA	1/2" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	39.31	6.88
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.13*	
26 05 33 13-2153	EA	3/4" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	42.03	7.94
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.76*	
26 05 33 13-2154	EA	1" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	48.69	10.06
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.03*	
26 05 33 13-2155	EA	1-1/4" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	59.07	11.65
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.99*	
26 05 33 13-2156	EA	1-1/2" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	69.09	13.24
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.94*	
26 05 33 13-2157	EA	2" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	85.03	14.82
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.90*	
26 05 33 13-2158	EA	2-1/2" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	132.77	18.00
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.80*	
26 05 33 13-2159	EA	3" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	166.91	24.89
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.93*	
26 05 33 13-2160	EA	3-1/2" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	198.18	28.06
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.84*	
26 05 33 13-2161	EA	4" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	247.04	36.53
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.92*	
26 05 33 13-2162	EA	5" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	317.90	50.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*30.18*	
26 05 33 13-2163	EA	1/2" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	40.33	6.88
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.13*	
26 05 33 13-2164	EA	3/4" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	43.17	7.94
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.76*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2165	EA	1" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	52.33	10.06
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.03*	
26 05 33 13-2166	EA	1-1/4" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	66.25	11.65
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.99*	
26 05 33 13-2167	EA	1-1/2" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	77.61	13.24
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.94*	
26 05 33 13-2168	EA	2" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	93.57	14.82
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.90*	
26 05 33 13-2169	EA	2-1/2" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	149.61	18.00
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.80*	
26 05 33 13-2170	EA	3" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	193.93	24.89
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.93*	
26 05 33 13-2171	EA	3-1/2" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	213.13	28.06
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*16.84*	
26 05 33 13-2172	EA	4" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	259.63	36.53
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.92*	
26 05 33 13-2173	EA	5" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	322.46	50.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*30.18*	

26 05 33 13-2174 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit *(26 05 33 13-1863)*

Note: Direct burial or encased application.

26 05 33 13-2175 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit *(26 05 33 13-2174)*

Note: Includes field bending for conduit up to and including 1". See CSI section 26 05 33 13-2324 for field bending >1".

26 05 33 13-2176	LF	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit, Direct Burial	9.31	1.37
		For Work In Restricted Working Space, Add	*1.03*	
26 05 33 13-2177	LF	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit, Direct Burial	10.32	1.47
		For Work In Restricted Working Space, Add	*1.11*	
26 05 33 13-2178	LF	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit, Direct Burial	10.97	1.58
		For Work In Restricted Working Space, Add	*1.19*	
26 05 33 13-2179	LF	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit, Direct Burial	11.62	1.68
		For Work In Restricted Working Space, Add	*1.27*	
26 05 33 13-2180	LF	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit, Direct Burial	12.48	1.79
		For Work In Restricted Working Space, Add	*1.34*	
26 05 33 13-2181	LF	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit, Direct Burial	12.96	1.89
		For Work In Restricted Working Space, Add	*1.42*	
26 05 33 13-2182	LF	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit, Direct Burial	14.85	2.00
		For Work In Restricted Working Space, Add	*1.50*	
26 05 33 13-2183	LF	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit, Direct Burial	17.08	2.10
		For Work In Restricted Working Space, Add	*1.58*	
26 05 33 13-2184	LF	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit, Direct Burial	18.82	2.21
		For Work In Restricted Working Space, Add	*1.66*	
26 05 33 13-2185	LF	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit, Direct Burial	20.55	2.31
		For Work In Restricted Working Space, Add	*1.74*	
26 05 33 13-2186	LF	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit, Direct Burial	24.50	2.42
		For Work In Restricted Working Space, Add	*1.82*	
26 05 33 13-2187	LF	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit, Direct Burial	29.38	2.52
		For Work In Restricted Working Space, Add	*1.90*	

26 05 33 13-2188 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbows, 12" Large Radius Elbows *(26 05 33 13-2174)*

26 05 33 13-2189	EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows, Direct Burial	135.28	10.54
		For Work In Restricted Working Space, Add	*7.90*	
		For 24" Radius, Add	*9.49*	
		For 36" Radius, Add	*13.53*	
		For 48" Radius, Add	*17.57*	
26 05 33 13-2190	EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows, Direct Burial	153.58	12.64
		For Work In Restricted Working Space, Add	*9.48*	
		For 24" Radius, Add	*10.73*	
		For 36" Radius, Add	*15.36*	
		For 48" Radius, Add	*19.99*	
26 05 33 13-2191	EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows, Direct Burial	160.09	14.75
		For Work In Restricted Working Space, Add	*11.06*	
		For 24" Radius, Add	*11.09*	
		For 36" Radius, Add	*16.01*	
		For 48" Radius, Add	*20.93*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2192	EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows, Direct Burial	166.56	16.86
		For Work In Restricted Working Space, Add	*12.64*	
		For 24" Radius, Add	*11.44*	
		For 36" Radius, Add	*16.66*	
		For 48" Radius, Add	*21.87*	
26 05 33 13-2193	EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows, Direct Burial	173.07	18.96
		For Work In Restricted Working Space, Add	*14.22*	
		For 24" Radius, Add	*11.80*	
		For 36" Radius, Add	*17.31*	
		For 48" Radius, Add	*22.82*	
26 05 33 13-2194	EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows, Direct Burial	195.66	21.07
		For Work In Restricted Working Space, Add	*15.80*	
		For 24" Radius, Add	*13.36*	
		For 36" Radius, Add	*19.57*	
		For 48" Radius, Add	*25.77*	
26 05 33 13-2195	EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows, Direct Burial	229.08	23.18
		For Work In Restricted Working Space, Add	*17.38*	
		For 24" Radius, Add	*15.73*	
		For 36" Radius, Add	*22.91*	
		For 48" Radius, Add	*30.08*	
26 05 33 13-2196	EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows, Direct Burial	268.58	25.28
		For Work In Restricted Working Space, Add	*18.96*	
		For 24" Radius, Add	*18.56*	
		For 36" Radius, Add	*26.86*	
		For 48" Radius, Add	*35.15*	
26 05 33 13-2197	EA	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows, Direct Burial	304.79	29.50
		For Work In Restricted Working Space, Add	*22.13*	
		For 24" Radius, Add	*21.02*	
		For 36" Radius, Add	*30.48*	
		For 48" Radius, Add	*39.94*	
26 05 33 13-2198	EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows, Direct Burial	340.99	37.92
		For Work In Restricted Working Space, Add	*25.28*	
		For 24" Radius, Add	*23.47*	
		For 36" Radius, Add	*34.10*	
		For 48" Radius, Add	*44.73*	
26 05 33 13-2199	EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows, Direct Burial	415.70	37.92
		For Work In Restricted Working Space, Add	*28.44*	
		For 24" Radius, Add	*28.81*	
		For 36" Radius, Add	*41.57*	
		For 48" Radius, Add	*54.33*	
26 05 33 13-2200	EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows, Direct Burial	506.46	42.14
		For Work In Restricted Working Space, Add	*31.61*	
		For 24" Radius, Add	*35.35*	
		For 36" Radius, Add	*50.65*	
		For 48" Radius, Add	*65.94*	

26 05 33 13-2201 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Couplings *(26 05 33 13-2174)*

26 05 33 13-2202	EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling, Direct Burial	59.86	5.90
		For Work In Restricted Working Space, Add	*4.43*	
26 05 33 13-2203	EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling, Direct Burial	67.13	6.74
		For Work In Restricted Working Space, Add	*5.06*	
26 05 33 13-2204	EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling, Direct Burial	69.75	7.58
		For Work In Restricted Working Space, Add	*5.69*	
26 05 33 13-2205	EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling, Direct Burial	72.28	8.42
		For Work In Restricted Working Space, Add	*6.32*	
26 05 33 13-2206	EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling, Direct Burial	75.42	9.27
		For Work In Restricted Working Space, Add	*6.95*	
26 05 33 13-2207	EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling, Direct Burial	87.49	10.12
		For Work In Restricted Working Space, Add	*7.58*	
26 05 33 13-2208	EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling, Direct Burial	103.32	11.38
		For Work In Restricted Working Space, Add	*8.54*	
26 05 33 13-2209	EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling, Direct Burial	121.45	12.64
		For Work In Restricted Working Space, Add	*9.48*	
26 05 33 13-2210	EA	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling, Direct Burial	137.95	14.75
		For Work In Restricted Working Space, Add	*11.06*	
26 05 33 13-2211	EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling, Direct Burial	154.45	16.86
		For Work In Restricted Working Space, Add	*12.64*	
26 05 33 13-2212	EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling, Direct Burial	187.79	18.96
		For Work In Restricted Working Space, Add	*14.22*	
26 05 33 13-2213	EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling, Direct Burial	228.09	21.07
		For Work In Restricted Working Space, Add	*15.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

26 05 33 13-2214 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Couplings *(26 05 33 13-2174)*

26 05 33 13-2215	EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling, Direct Burial	40.20	5.90
		For Work In Restricted Working Space, Add	*4.43*	
26 05 33 13-2216	EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling, Direct Burial	45.14	6.74
		For Work In Restricted Working Space, Add	*5.06*	
26 05 33 13-2217	EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling, Direct Burial	47.54	7.58
		For Work In Restricted Working Space, Add	*5.69*	
26 05 33 13-2218	EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling, Direct Burial	49.95	8.42
		For Work In Restricted Working Space, Add	*6.32*	
26 05 33 13-2219	EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling, Direct Burial	52.36	9.27
		For Work In Restricted Working Space, Add	*6.95*	
26 05 33 13-2220	EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling, Direct Burial	54.63	10.12
		For Work In Restricted Working Space, Add	*7.58*	
26 05 33 13-2221	EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling, Direct Burial	63.66	11.38
		For Work In Restricted Working Space, Add	*8.54*	
26 05 33 13-2222	EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling, Direct Burial	73.87	12.64
		For Work In Restricted Working Space, Add	*9.48*	
26 05 33 13-2223	EA	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling, Direct Burial	84.43	14.75
		For Work In Restricted Working Space, Add	*11.06*	
26 05 33 13-2224	EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling, Direct Burial	94.98	16.86
		For Work In Restricted Working Space, Add	*12.64*	
26 05 33 13-2225	EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling, Direct Burial	113.51	18.96
		For Work In Restricted Working Space, Add	*14.22*	
26 05 33 13-2226	EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling, Direct Burial	135.24	21.07
		For Work In Restricted Working Space, Add	*15.80*	

26 05 33 13-2227 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Couplings *(26 05 33 13-2174)*

26 05 33 13-2228	EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling, Direct Burial	40.06	3.38
		For Work In Restricted Working Space, Add	*2.53*	
26 05 33 13-2229	EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling, Direct Burial	44.66	3.80
		For Work In Restricted Working Space, Add	*2.85*	
26 05 33 13-2230	EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling, Direct Burial	46.09	4.22
		For Work In Restricted Working Space, Add	*3.16*	
26 05 33 13-2231	EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling, Direct Burial	47.36	4.64
		For Work In Restricted Working Space, Add	*3.48*	
26 05 33 13-2232	EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling, Direct Burial	49.22	5.06
		For Work In Restricted Working Space, Add	*3.79*	
26 05 33 13-2233	EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling, Direct Burial	58.31	5.90
		For Work In Restricted Working Space, Add	*4.43*	
26 05 33 13-2234	EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling, Direct Burial	70.15	7.16
		For Work In Restricted Working Space, Add	*5.37*	
26 05 33 13-2235	EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling, Direct Burial	83.75	8.42
		For Work In Restricted Working Space, Add	*6.32*	
26 05 33 13-2236	EA	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling, Direct Burial	96.84	10.54
		For Work In Restricted Working Space, Add	*7.90*	
26 05 33 13-2237	EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling, Direct Burial	109.94	12.64
		For Work In Restricted Working Space, Add	*9.48*	
26 05 33 13-2238	EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling, Direct Burial	134.76	14.75
		For Work In Restricted Working Space, Add	*11.06*	
26 05 33 13-2239	EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling, Direct Burial	164.55	16.86
		For Work In Restricted Working Space, Add	*12.64*	

26 05 33 13-2240 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joints *(26 05 33 13-2174)*

26 05 33 13-2241	EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint, Direct Burial	87.54	21.07
		For Work In Restricted Working Space, Add	*15.80*	
26 05 33 13-2242	EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint, Direct Burial	101.89	25.28
		For Work In Restricted Working Space, Add	*18.96*	
26 05 33 13-2243	EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint, Direct Burial	112.86	29.50
		For Work In Restricted Working Space, Add	*22.13*	
26 05 33 13-2244	EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint, Direct Burial	123.64	33.71
		For Work In Restricted Working Space, Add	*25.28*	
26 05 33 13-2245	EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint, Direct Burial	129.80	35.82
		For Work In Restricted Working Space, Add	*26.86*	
26 05 33 13-2246	EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint, Direct Burial	142.73	37.92
		For Work In Restricted Working Space, Add	*28.44*	
26 05 33 13-2247	EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint, Direct Burial	157.59	40.03
		For Work In Restricted Working Space, Add	*30.02*	
26 05 33 13-2248	EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint, Direct Burial	174.36	42.14
		For Work In Restricted Working Space, Add	*31.61*	
26 05 33 13-2249	EA	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint, Direct Burial	188.25	44.25
		For Work In Restricted Working Space, Add	*33.19*	
26 05 33 13-2250	EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint, Direct Burial	202.15	46.35
		For Work In Restricted Working Space, Add	*34.77*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2251	EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint, Direct Burial	228.98	48.46
		For Work In Restricted Working Space, Add	*36.35*	
26 05 33 13-2252	EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint, Direct Burial	261.20	50.57
		For Work In Restricted Working Space, Add	*37.93*	

26 05 33 13-2253 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joints *(26 05 33 13-2174)*

26 05 33 13-2254	EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint, Direct Burial	101.70	21.07
		For Work In Restricted Working Space, Add	*15.80*	
26 05 33 13-2255	EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint, Direct Burial	117.76	25.28
		For Work In Restricted Working Space, Add	*18.96*	
26 05 33 13-2256	EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint, Direct Burial	128.82	29.50
		For Work In Restricted Working Space, Add	*22.13*	
26 05 33 13-2257	EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint, Direct Burial	139.77	33.71
		For Work In Restricted Working Space, Add	*25.28*	
26 05 33 13-2258	EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint, Direct Burial	146.06	35.82
		For Work In Restricted Working Space, Add	*26.86*	
26 05 33 13-2259	EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint, Direct Burial	161.30	37.92
		For Work In Restricted Working Space, Add	*28.44*	
26 05 33 13-2260	EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint, Direct Burial	179.87	40.03
		For Work In Restricted Working Space, Add	*30.02*	
26 05 33 13-2261	EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint, Direct Burial	201.10	42.14
		For Work In Restricted Working Space, Add	*31.61*	
26 05 33 13-2262	EA	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint, Direct Burial	218.35	44.25
		For Work In Restricted Working Space, Add	*33.19*	
26 05 33 13-2263	EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint, Direct Burial	235.60	46.35
		For Work In Restricted Working Space, Add	*34.77*	
26 05 33 13-2264	EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint, Direct Burial	270.91	48.46
		For Work In Restricted Working Space, Add	*36.35*	
26 05 33 13-2265	EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint, Direct Burial	313.61	50.57
		For Work In Restricted Working Space, Add	*37.93*	

26 05 33 13-2266 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapters *(26 05 33 13-2174)*

26 05 33 13-2267	EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter, Direct Burial	131.33	5.90
		For Work In Restricted Working Space, Add	*4.43*	
26 05 33 13-2268	EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter, Direct Burial	146.37	6.74
		For Work In Restricted Working Space, Add	*5.06*	
26 05 33 13-2269	EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter, Direct Burial	152.45	7.58
		For Work In Restricted Working Space, Add	*5.69*	
26 05 33 13-2270	EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter, Direct Burial	158.71	8.42
		For Work In Restricted Working Space, Add	*6.32*	
26 05 33 13-2271	EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter, Direct Burial	162.96	9.27
		For Work In Restricted Working Space, Add	*6.95*	
26 05 33 13-2272	EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter, Direct Burial	178.36	10.12
		For Work In Restricted Working Space, Add	*7.58*	
26 05 33 13-2273	EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter, Direct Burial	212.17	11.38
		For Work In Restricted Working Space, Add	*8.54*	
26 05 33 13-2274	EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter, Direct Burial	251.94	12.64
		For Work In Restricted Working Space, Add	*9.48*	
26 05 33 13-2275	EA	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter, Direct Burial	284.77	14.75
		For Work In Restricted Working Space, Add	*11.06*	
26 05 33 13-2276	EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter, Direct Burial	317.59	16.86
		For Work In Restricted Working Space, Add	*12.64*	
26 05 33 13-2277	EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter, Direct Burial	391.83	18.96
		For Work In Restricted Working Space, Add	*14.22*	
26 05 33 13-2278	EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter, Direct Burial	480.52	21.07
		For Work In Restricted Working Space, Add	*15.80*	

26 05 33 13-2279 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joints *(26 05 33 13-2174)*

26 05 33 13-2280	EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint, Direct Burial	126.32	21.07
		For Work In Restricted Working Space, Add	*15.80*	
26 05 33 13-2281	EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint, Direct Burial	145.06	25.28
		For Work In Restricted Working Space, Add	*18.96*	
26 05 33 13-2282	EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint, Direct Burial	174.86	29.50
		For Work In Restricted Working Space, Add	*22.13*	
26 05 33 13-2283	EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint, Direct Burial	220.60	33.71
		For Work In Restricted Working Space, Add	*25.28*	
26 05 33 13-2284	EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint, Direct Burial	276.42	35.82
		For Work In Restricted Working Space, Add	*26.86*	
26 05 33 13-2285	EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint, Direct Burial	371.77	37.92
		For Work In Restricted Working Space, Add	*28.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2286	EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint, Direct Burial	535.90	40.03
		For Work In Restricted Working Space, Add	*30.02*	
26 05 33 13-2287	EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint, Direct Burial	645.76	42.14
		For Work In Restricted Working Space, Add	*31.61*	
26 05 33 13-2288	EA	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint, Direct Burial	775.24	44.25
		For Work In Restricted Working Space, Add	*33.19*	
26 05 33 13-2289	EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint, Direct Burial	904.72	46.35
		For Work In Restricted Working Space, Add	*34.77*	
26 05 33 13-2290	EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint, Direct Burial	1,058.16	48.46
		For Work In Restricted Working Space, Add	*36.35*	
26 05 33 13-2291	EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint, Direct Burial	1,717.15	50.57
		For Work In Restricted Working Space, Add	*37.93*	

26 05 33 13-2292 Spacers *(26 05 33 13-1863)*

Note: For concrete encasement applications. See CSI section 03 30 53 00-0001 for concrete., 26 05 33 13-1863 for conduit.

26 05 33 13-2293	EA	1" Base Spacers, Average 4" Wide, Direct Burial	11.34
26 05 33 13-2294	EA	1" Intermediate Spacers, Average 4" Wide, Direct Burial	12.17
26 05 33 13-2295	EA	1-1/4" Base Spacer, Average 4" Wide, Direct Burial	13.47
26 05 33 13-2296	EA	1-1/4" Intermediate Spacers, Average 4" Wide, Direct Burial	14.47
26 05 33 13-2297	EA	1-1/2" Base Spacer, Average 4" Wide, Direct Burial	13.61
26 05 33 13-2298	EA	1-1/2" Intermediate Spacers, Average 4" Wide, Direct Burial	14.56
26 05 33 13-2299	EA	2" Base Spacer, Average 4" Wide, Direct Burial	16.84
26 05 33 13-2300	EA	2" Intermediate Spacers, Average 4" Wide, Direct Burial	15.62
26 05 33 13-2301	EA	2-1/2" Base Spacer, Average 4" Wide, Direct Burial	18.60
26 05 33 13-2302	EA	2-1/2" Intermediate Spacers, Average 4" Wide, Direct Burial	17.99
26 05 33 13-2303	EA	3" Base Spacer, Average 4" Wide, Direct Burial	21.23
26 05 33 13-2304	EA	3" Intermediate Spacers, Average 4" Wide, Direct Burial	20.31
26 05 33 13-2305	EA	3-1/2" Base Spacer, Average 4" Wide, Direct Burial	23.02
26 05 33 13-2306	EA	3-1/2" Intermediate Spacers, Average 4" Wide, Direct Burial	22.02
26 05 33 13-2307	EA	4" Base Spacer, Average 4" Wide, Direct Burial	23.73
26 05 33 13-2308	EA	4" Intermediate Spacers, Average 4" Wide, Direct Burial	22.65
26 05 33 13-2309	EA	5" Base Spacer, Average 4" Wide, Direct Burial	26.25
26 05 33 13-2310	EA	5" Intermediate Spacers, Average 4" Wide, Direct Burial	24.96
26 05 33 13-2311	EA	6" Base Spacer, Average 4" Wide, Direct Burial	29.78
26 05 33 13-2312	EA	6" Intermediate Spacers, Average 4" Wide, Direct Burial	28.68

26 05 33 13-2313 Conduit Field Bending *(26 05 33 13-0058)*

Note: Conduit tasks by LF include field bending up to and include 1" conduit.

26 05 33 13-2314 Metallic Conduit Field Bending *(26 05 33 13-2313)*

Note: For use with Rigid Galvanized Steel (RGS), Electrical Metallic Tubing (EMT), and Intermediate Metal Conduit (IMC).

26 05 33 13-2315	EA	1-1/4" Metallic Conduit Field Bending	19.01
		For Aluminum Conduit Bending, Add	*12.55*
26 05 33 13-2316	EA	1-1/2" Metallic Conduit Field Bending	23.78
		For Aluminum Conduit Bending, Add	*15.69*
26 05 33 13-2317	EA	2" Metallic Conduit Field Bending	29.71
		For Aluminum Conduit Bending, Add	*19.61*
26 05 33 13-2318	EA	2-1/2" Metallic Conduit Field Bending	41.60
		For Aluminum Conduit Bending, Add	*27.46*
26 05 33 13-2319	EA	3" Metallic Conduit Field Bending	53.49
		For Aluminum Conduit Bending, Add	*35.30*
26 05 33 13-2320	EA	3-1/2" Metallic Conduit Field Bending	71.32
		For Aluminum Conduit Bending, Add	*47.07*
26 05 33 13-2321	EA	4" Metallic Conduit Field Bending	83.20
		For Aluminum Conduit Bending, Add	*54.91*
26 05 33 13-2322	EA	5" Metallic Conduit Field Bending	95.08
		For Aluminum Conduit Bending, Add	*62.75*
26 05 33 13-2323	EA	6" Metallic Conduit Field Bending	112.91
		For Aluminum Conduit Bending, Add	*74.52*

26 05 33 13-2324 Plastic Conduit Field Bending *(26 05 33 13-2313)*

Note: For PVC conduits.

26 05 33 13-2325	EA	1" Plastic Conduit Field Bending	27.34
26 05 33 13-2326	EA	1-1/4" Plastic Conduit Field Bending	29.71
26 05 33 13-2327	EA	1-1/2" Plastic Conduit Field Bending	35.66
26 05 33 13-2328	EA	2" Plastic Conduit Field Bending	47.54
26 05 33 13-2329	EA	2-1/2" Plastic Conduit Field Bending	59.42
26 05 33 13-2330	EA	3" Plastic Conduit Field Bending	71.32
26 05 33 13-2331	EA	3-1/2" Plastic Conduit Field Bending	83.20
26 05 33 13-2332	EA	4" Plastic Conduit Field Bending	95.08
26 05 33 13-2333	EA	5" Plastic Conduit Field Bending	106.98
26 05 33 13-2334	EA	6" Plastic Conduit Field Bending	118.86

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		MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2335				**Cut And Thread Existing In-Place Threaded Conduit** *(26 05 33 13-0058)*		
				Note: For use when connecting conduit to an existing in-place system.		
26 05 33 13-2336	EA			1/2", Cut And Thread Existing In-Place Threaded Conduit	34.83	
				For Work In Restricted Working Space, Add	*10.45*	
26 05 33 13-2337	EA			3/4", Cut And Thread Existing In-Place Threaded Conduit	38.31	
				For Work In Restricted Working Space, Add	*11.49*	
26 05 33 13-2338	EA			1", Cut And Thread Existing In-Place Threaded Conduit	41.80	
				For Work In Restricted Working Space, Add	*12.54*	
26 05 33 13-2339	EA			1-1/4", Cut And Thread Existing In-Place Threaded Conduit	45.28	
				For Work In Restricted Working Space, Add	*13.58*	
26 05 33 13-2340	EA			1-1/2", Cut And Thread Existing In-Place Threaded Conduit	47.60	
				For Work In Restricted Working Space, Add	*14.28*	
26 05 33 13-2341	EA			2", Cut And Thread Existing In-Place Threaded Conduit	49.92	
				For Work In Restricted Working Space, Add	*14.98*	
26 05 33 13-2342	EA			2-1/2", Cut And Thread Existing In-Place Threaded Conduit	52.25	
				For Work In Restricted Working Space, Add	*15.68*	
26 05 33 13-2343	EA			3", Cut And Thread Existing In-Place Threaded Conduit	54.57	
				For Work In Restricted Working Space, Add	*16.37*	
26 05 33 13-2344	EA			3-1/2", Cut And Thread Existing In-Place Threaded Conduit	55.73	
				For Work In Restricted Working Space, Add	*16.72*	
26 05 33 13-2345	EA			4", Cut And Thread Existing In-Place Threaded Conduit	56.89	
				For Work In Restricted Working Space, Add	*17.07*	
26 05 33 13-2346	EA			5", Cut And Thread Existing In-Place Threaded Conduit	59.21	
				For Work In Restricted Working Space, Add	*17.76*	
26 05 33 13-2347	EA			6", Cut And Thread Existing In-Place Threaded Conduit	61.54	
				For Work In Restricted Working Space, Add	*18.46*	
26 05 33 13-2348				**Flexible Conduit** *(26 05 33 13-0058)*		
26 05 33 13-2349				**Flexible Liquid Tight Metallic Conduit And Connectors** *(26 05 33 13-2348)*		
				Note: Steel inner core with PVC cover.		
26 05 33 13-2350				**Flexible Liquid Tight Metallic Conduit** *(26 05 33 13-2349)*		
26 05 33 13-2351	LF			3/8" Flexible Liquid Tight Metallic Conduit	4.57	1.27
				For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.48*	
				For Work In Restricted Working Space, Add	*0.95*	
26 05 33 13-2352	LF			1/2" Flexible Liquid Tight Metallic Conduit	4.77	1.27
				For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.48*	
				For Work In Restricted Working Space, Add	*0.95*	
26 05 33 13-2353	LF			3/4" Flexible Liquid Tight Metallic Conduit	6.39	1.69
				For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.63*	
				For Work In Restricted Working Space, Add	*1.27*	
26 05 33 13-2354	LF			1" Flexible Liquid Tight Metallic Conduit	7.49	1.69
				For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.63*	
				For Work In Restricted Working Space, Add	*1.27*	
26 05 33 13-2355	LF			1-1/4" Flexible Liquid Tight Metallic Conduit	9.74	2.12
				For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.79*	
				For Work In Restricted Working Space, Add	*1.59*	
26 05 33 13-2356	LF			1-1/2" Flexible Liquid Tight Metallic Conduit	12.60	2.54
				For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.95*	
				For Work In Restricted Working Space, Add	*1.91*	
26 05 33 13-2357	LF			2" Flexible Liquid Tight Metallic Conduit	16.55	3.39
				For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*1.27*	
				For Work In Restricted Working Space, Add	*2.54*	
26 05 33 13-2358	LF			2-1/2" Flexible Liquid Tight Metallic Conduit	22.88	3.81
				For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*1.43*	
				For Work In Restricted Working Space, Add	*2.86*	
26 05 33 13-2359	LF			3" Flexible Liquid Tight Metallic Conduit	34.10	4.66
				For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*1.75*	
				For Work In Restricted Working Space, Add	*3.50*	
26 05 33 13-2360	LF			4" Flexible Liquid Tight Metallic Conduit	46.86	5.93
				For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*2.22*	
				For Work In Restricted Working Space, Add	*4.45*	
26 05 33 13-2361				**Straight Liquid Tight Connector** *(26 05 33 13-2349)*		
26 05 33 13-2362	EA			3/8" Straight Liquid Tight Connector	12.43	3.39
				For Work In Restricted Working Space, Add	*2.54*	
				For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.54*	
26 05 33 13-2363	EA			1/2" Straight Liquid Tight Connector	12.43	3.39
				For Work In Restricted Working Space, Add	*2.54*	
				For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.54*	
26 05 33 13-2364	EA			3/4" Straight Liquid Tight Connector	15.20	3.81
				For Work In Restricted Working Space, Add	*2.86*	
				For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.86*	
26 05 33 13-2365	EA			1" Straight Liquid Tight Connector	20.71	4.23
				For Work In Restricted Working Space, Add	*3.18*	
				For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.18*	
26 05 33 13-2366	EA			1-1/4" Straight Liquid Tight Connector	26.95	4.66
				For Work In Restricted Working Space, Add	*3.50*	
				For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2367	EA	1-1/2" Straight Liquid Tight Connector	34.53	5.08
		For Work In Restricted Working Space, Add	*3.81*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.81*	
26 05 33 13-2368	EA	2" Straight Liquid Tight Connector	48.08	5.93
		For Work In Restricted Working Space, Add	*4.45*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.45*	
26 05 33 13-2369	EA	2-1/2" Straight Liquid Tight Connector	170.06	7.62
		For Work In Restricted Working Space, Add	*5.72*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.72*	
26 05 33 13-2370	EA	3" Straight Liquid Tight Connector	220.09	8.05
		For Work In Restricted Working Space, Add	*6.04*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.04*	
26 05 33 13-2371	EA	4" Straight Liquid Tight Connector	268.47	11.86
		For Work In Restricted Working Space, Add	*8.90*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.90*	

26 05 33 13-2372 90 Degree Angle Liquid Tight Connector *(26 05 33 13-2349)*

26 05 33 13-2373	EA	3/8" 90 Degree Angle Liquid Tight Connector	18.26	4.66
		For Work In Restricted Working Space, Add	*3.50*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.50*	
26 05 33 13-2374	EA	1/2" 90 Degree Angle Liquid Tight Connector	19.12	4.66
		For Work In Restricted Working Space, Add	*3.50*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.50*	
26 05 33 13-2375	EA	3/4" 90 Degree Angle Liquid Tight Connector	21.68	5.08
		For Work In Restricted Working Space, Add	*3.81*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.81*	
26 05 33 13-2376	EA	1" 90 Degree Angle Liquid Tight Connector	31.14	5.93
		For Work In Restricted Working Space, Add	*4.45*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.45*	
26 05 33 13-2377	EA	1-1/4" 90 Degree Angle Liquid Tight Connector	39.75	6.36
		For Work In Restricted Working Space, Add	*4.76*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.76*	
26 05 33 13-2378	EA	1-1/2" 90 Degree Angle Liquid Tight Connector	48.65	6.78
		For Work In Restricted Working Space, Add	*5.08*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.08*	
26 05 33 13-2379	EA	2" 90 Degree Angle Liquid Tight Connector	64.97	7.62
		For Work In Restricted Working Space, Add	*5.72*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.72*	
26 05 33 13-2380	EA	2-1/2" 90 Degree Angle Liquid Tight Connector	238.78	8.05
		For Work In Restricted Working Space, Add	*6.04*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.04*	
26 05 33 13-2381	EA	3" 90 Degree Angle Liquid Tight Connector	282.23	9.31
		For Work In Restricted Working Space, Add	*6.99*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.99*	
26 05 33 13-2382	EA	4" 90 Degree Angle Liquid Tight Connector	389.54	14.82
		For Work In Restricted Working Space, Add	*11.12*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.12*	

26 05 33 13-2383 45 Degree Angle Connector *(26 05 33 13-2349)*

26 05 33 13-2384	EA	3/8" 45 Degree Angle Liquid Tight Connector	17.98	4.66
		For Work In Restricted Working Space, Add	*3.50*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.50*	
26 05 33 13-2385	EA	1/2" 45 Degree Angle Liquid Tight Connector	18.18	4.66
		For Work In Restricted Working Space, Add	*3.50*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.50*	
26 05 33 13-2386	EA	3/4" 45 Degree Angle Liquid Tight Connector	21.68	5.08
		For Work In Restricted Working Space, Add	*3.81*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.81*	
26 05 33 13-2387	EA	1" 45 Degree Angle Liquid Tight Connector	33.47	5.93
		For Work In Restricted Working Space, Add	*4.45*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.45*	
26 05 33 13-2388	EA	1-1/4" 45 Degree Angle Liquid Tight Connector	38.24	6.36
		For Work In Restricted Working Space, Add	*4.76*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.76*	
26 05 33 13-2389	EA	1-1/2" 45 Degree Angle Liquid Tight Connector	43.02	6.78
		For Work In Restricted Working Space, Add	*5.08*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.08*	

26 05 33 13-2390 Flexible Metallic Conduit And Connectors *(26 05 33 13-2348)*

26 05 33 13-2391 Flexible Steel Conduit *(26 05 33 13-2390)*

26 05 33 13-2392	LF	3/8" Flexible Metallic Conduit	4.09	1.39
		For Flexible Aluminum Conduit, Add	*0.11*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.51*	
		For Installation In Metal Stud Wall, Add	*0.34*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*0.85*	
		For Work In Restricted Working Space, Add	*1.02*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2393	LF	1/2" Flexible Metallic Conduit	4.24	1.39
		For Flexible Aluminum Conduit, Add	*0.13*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.52*	
		For Installation In Metal Stud Wall, Add	*0.35*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*0.87*	
		For Work In Restricted Working Space, Add	*1.04*	
26 05 33 13-2394	LF	3/4" Flexible Metallic Conduit	4.80	1.85
		For Flexible Aluminum Conduit, Add	*0.17*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.57*	
		For Installation In Metal Stud Wall, Add	*0.38*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*0.94*	
		For Work In Restricted Working Space, Add	*1.13*	
26 05 33 13-2395	LF	1" Flexible Metallic Conduit	5.98	1.85
		For Flexible Aluminum Conduit, Add	*0.32*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.61*	
		For Installation In Metal Stud Wall, Add	*0.41*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*1.02*	
		For Work In Restricted Working Space, Add	*1.22*	
26 05 33 13-2396	LF	1-1/4" Flexible Metallic Conduit	6.80	2.32
		For Flexible Aluminum Conduit, Add	*0.41*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.64*	
		For Installation In Metal Stud Wall, Add	*0.43*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*1.07*	
		For Work In Restricted Working Space, Add	*1.29*	
26 05 33 13-2397	LF	1-1/2" Flexible Metallic Conduit	8.86	2.79
		For Flexible Aluminum Conduit, Add	*0.73*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.67*	
		For Installation In Metal Stud Wall, Add	*0.45*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*1.12*	
		For Work In Restricted Working Space, Add	*1.34*	
26 05 33 13-2398	LF	2" Flexible Metallic Conduit	10.04	3.71
		For Flexible Aluminum Conduit, Add	*0.89*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.70*	
		For Installation In Metal Stud Wall, Add	*0.46*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*1.16*	
		For Work In Restricted Working Space, Add	*1.39*	
26 05 33 13-2399	LF	2-1/2" Flexible Steel Conduit	12.32	4.17
		For Flexible Aluminum Conduit, Add	*1.08*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*0.87*	
		For Installation In Metal Stud Wall, Add	*0.58*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*1.45*	
		For Work In Restricted Working Space, Add	*1.74*	
26 05 33 13-2400	LF	3" Flexible Metallic Conduit	18.30	5.10
		For Flexible Aluminum Conduit, Add	*1.87*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*1.04*	
		For Installation In Metal Stud Wall, Add	*0.70*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*1.74*	
		For Work In Restricted Working Space, Add	*2.09*	
26 05 33 13-2401	LF	3-1/2" Flexible Metallic Conduit	22.41	5.56
		For Flexible Aluminum Conduit, Add	*2.36*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*1.22*	
		For Installation In Metal Stud Wall, Add	*0.81*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*2.03*	
		For Work In Restricted Working Space, Add	*2.43*	
26 05 33 13-2402	LF	4" Flexible Metallic Conduit	25.77	6.50
		For Flexible Aluminum Conduit, Add	*2.72*	
		For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	*1.39*	
		For Installation In Metal Stud Wall, Add	*0.93*	
		For Installation In Wood Stud Wall (Includes Drilling), Add	*2.32*	
		For Work In Restricted Working Space, Add	*2.78*	

26 05 33 13-2403 Plain Squeeze Type Straight Connector *(26 05 33 13-2390)*

26 05 33 13-2404	EA	3/8" Flexible Straight Connectors, Plain	6.95	3.71
		For Work In Restricted Working Space, Add	*1.56*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.56*	
26 05 33 13-2405	EA	1/2" Flexible Straight Connectors, Plain	8.55	4.17
		For Work In Restricted Working Space, Add	*1.74*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.74*	
26 05 33 13-2406	EA	3/4" Flexible Straight Connectors, Plain	9.87	5.10
		For Work In Restricted Working Space, Add	*2.09*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.09*	
26 05 33 13-2407	EA	1" Flexible Straight Connectors, Plain	15.66	5.56
		For Work In Restricted Working Space, Add	*2.78*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.78*	
26 05 33 13-2408	EA	1-1/4" Flexible Straight Connectors, Plain	22.05	6.50
		For Work In Restricted Working Space, Add	*3.48*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.48*	
26 05 33 13-2409	EA	1-1/2" Flexible Straight Connectors, Plain	29.00	7.88
		For Work In Restricted Working Space, Add	*4.34*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.34*	
26 05 33 13-2410	EA	2" Flexible Straight Connectors, Plain	38.04	7.88
		For Work In Restricted Working Space, Add	*5.22*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2411	EA	2-1/2" Flexible Straight Connectors, Plain	60.87	9.73
		For Work In Restricted Working Space, Add	*6.09*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.09*	
26 05 33 13-2412	EA	3" Flexible Straight Connectors, Plain	79.43	10.66
		For Work In Restricted Working Space, Add	*6.95*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.95*	
26 05 33 13-2413	EA	3-1/2" Flexible Straight Connectors, Plain	243.62	12.52
		For Work In Restricted Working Space, Add	*7.82*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.82*	
26 05 33 13-2414	EA	4" Flexible Straight Connectors, Plain	304.19	15.30
		For Work In Restricted Working Space, Add	*8.69*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.69*	

26 05 33 13-2415 Insulated Throat Squeeze Type Straight Connector *(26 05 33 13-2390)*

26 05 33 13-2416	EA	1/2" Flexible Straight Connectors, Insulated	9.50	4.17
		For Work In Restricted Working Space, Add	*1.74*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.74*	
26 05 33 13-2417	EA	3/4" Flexible Straight Connectors, Insulated	11.12	5.10
		For Work In Restricted Working Space, Add	*2.09*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.09*	
26 05 33 13-2418	EA	1" Flexible Straight Connectors, Insulated	17.36	5.56
		For Work In Restricted Working Space, Add	*2.78*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.78*	
26 05 33 13-2419	EA	1-1/4" Flexible Straight Connectors, Insulated	25.17	6.50
		For Work In Restricted Working Space, Add	*3.48*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.48*	
26 05 33 13-2420	EA	1-1/2" Flexible Straight Connectors, Insulated	34.55	6.96
		For Work In Restricted Working Space, Add	*4.34*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.34*	
26 05 33 13-2421	EA	2" Flexible Straight Connectors, Insulated	47.85	7.88
		For Work In Restricted Working Space, Add	*5.22*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.22*	
26 05 33 13-2422	EA	2-1/2" Flexible Straight Connectors, Insulated	81.84	9.73
		For Work In Restricted Working Space, Add	*6.09*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.09*	
26 05 33 13-2423	EA	3" Flexible Straight Connectors, Insulated	104.16	10.66
		For Work In Restricted Working Space, Add	*6.95*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.95*	
26 05 33 13-2424	EA	3-1/2" Flexible Straight Connectors, Insulated	281.74	12.52
		For Work In Restricted Working Space, Add	*7.82*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.82*	
26 05 33 13-2425	EA	4" Flexible Straight Connectors, Insulated	361.51	15.30
		For Work In Restricted Working Space, Add	*8.69*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.69*	

26 05 33 13-2426 Plain Squeeze Type 90 Degree Connector *(26 05 33 13-2390)*

26 05 33 13-2427	EA	3/8" Flexible 90 Degree Connector, Plain	9.75	4.64
		For Work In Restricted Working Space, Add	*2.09*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.09*	
26 05 33 13-2428	EA	1/2" Flexible 90 Degree Connector, Plain	12.78	5.10
		For Work In Restricted Working Space, Add	*2.43*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.43*	
26 05 33 13-2429	EA	3/4" Flexible 90 Degree Connector, Plain	16.58	5.56
		For Work In Restricted Working Space, Add	*2.78*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.78*	
26 05 33 13-2430	EA	1" Flexible 90 Degree Connector, Plain	23.12	6.50
		For Work In Restricted Working Space, Add	*3.48*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.48*	
26 05 33 13-2431	EA	1-1/4" Flexible 90 Degree Connector, Plain	35.80	6.96
		For Work In Restricted Working Space, Add	*4.17*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.17*	
26 05 33 13-2432	EA	1-1/2" Flexible 90 Degree Connector, Plain	55.65	8.11
		For Work In Restricted Working Space, Add	*5.22*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.22*	
26 05 33 13-2433	EA	2" Flexible 90 Degree Connector, Plain	67.02	9.96
		For Work In Restricted Working Space, Add	*5.91*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.91*	
26 05 33 13-2434	EA	2-1/2" Flexible 90 Degree Connector, Plain	146.50	10.66
		For Work In Restricted Working Space, Add	*6.95*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.95*	
26 05 33 13-2435	EA	3" Flexible 90 Degree Connector, Plain	187.97	12.52
		For Work In Restricted Working Space, Add	*7.82*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.82*	
26 05 33 13-2436	EA	3-1/2" Flexible 90 Degree Connector, Plain	397.14	15.30
		For Work In Restricted Working Space, Add	*8.69*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.69*	
26 05 33 13-2437	EA	4" Flexible 90 Degree Connector, Plain	708.47	17.39
		For Work In Restricted Working Space, Add	*10.43*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.43*	

26 05 33 13-2438 Insulated Throat Squeeze Type 90 Degree Connector *(26 05 33 13-2390)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2439	EA	1/2" Flexible 90 Degree Connector, Insulated	14.10	5.10
		For Work In Restricted Working Space, Add	*2.43*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.43*	
26 05 33 13-2440	EA	3/4" Flexible 90 Degree Connector, Insulated	18.20	5.56
		For Work In Restricted Working Space, Add	*2.78*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.78*	
26 05 33 13-2441	EA	1" Flexible 90 Degree Connector, Insulated	23.12	6.50
		For Work In Restricted Working Space, Add	*3.48*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.48*	
26 05 33 13-2442	EA	1-1/4" Flexible 90 Degree Connector, Insulated	41.59	6.96
		For Work In Restricted Working Space, Add	*4.17*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.17*	
26 05 33 13-2443	EA	1-1/2" Flexible 90 Degree Connector, Insulated	66.16	8.11
		For Work In Restricted Working Space, Add	*5.22*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.22*	
26 05 33 13-2444	EA	2" Flexible 90 Degree Connector, Insulated	84.10	9.96
		For Work In Restricted Working Space, Add	*5.91*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.91*	
26 05 33 13-2445	EA	2-1/2" Flexible 90 Degree Connector, Insulated	199.91	10.66
		For Work In Restricted Working Space, Add	*6.95*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.95*	
26 05 33 13-2446	EA	3" Flexible 90 Degree Connector, Insulated	245.84	12.52
		For Work In Restricted Working Space, Add	*7.82*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.82*	
26 05 33 13-2447	EA	3-1/2" Flexible 90 Degree Connector, Insulated	659.41	15.30
		For Work In Restricted Working Space, Add	*8.69*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.69*	
26 05 33 13-2448	EA	4" Flexible 90 Degree Connector, Insulated	983.15	17.39
		For Work In Restricted Working Space, Add	*10.43*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.43*	

26 05 33 13-2449 Plain Squeeze Type 45 Degree Connector *(26 05 33 13-2390)*

26 05 33 13-2450	EA	3/8" Flexible 45 Degree Connector, Plain	10.81	4.64
		For Work In Restricted Working Space, Add	*2.09*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.09*	
26 05 33 13-2451	EA	1/2" Flexible 45 Degree Connector, Plain	14.48	5.10
		For Work In Restricted Working Space, Add	*2.43*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.43*	
26 05 33 13-2452	EA	3/4" Flexible 45 Degree Connector, Plain	18.48	5.56
		For Work In Restricted Working Space, Add	*2.78*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.78*	

26 05 33 13-2453 Insulated Squeeze Type 45 Degree Connector *(26 05 33 13-2390)*

26 05 33 13-2454	EA	3/8" Flexible 45 Degree Connector, Insulated	11.55	5.56
		For Work In Restricted Working Space, Add	*2.09*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.09*	
26 05 33 13-2455	EA	1/2" Flexible 45 Degree Connector, Insulated	15.69	5.10
		For Work In Restricted Working Space, Add	*2.43*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.43*	
26 05 33 13-2456	EA	3/4" Flexible 45 Degree Connector, Insulated	20.19	5.56
		For Work In Restricted Working Space, Add	*2.78*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.78*	

26 05 33 13-2457 Plain Screw-In Connector *(26 05 33 13-2390)*

26 05 33 13-2458	EA	3/8" Flexible Steel Screw-in Connector, Plain	5.85	3.71
		For Work In Restricted Working Space, Add	*1.56*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.56*	
26 05 33 13-2459	EA	1/2" Flexible Steel Screw-in Connector, Plain	6.33	4.17
		For Work In Restricted Working Space, Add	*1.74*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.74*	
26 05 33 13-2460	EA	3/4" Flexible Steel Screw-in Connector, Plain	8.04	5.10
		For Work In Restricted Working Space, Add	*2.09*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.09*	
26 05 33 13-2461	EA	1" Flexible Steel Screw-in Connector, Plain	11.45	5.56
		For Work In Restricted Working Space, Add	*2.78*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.78*	
26 05 33 13-2462	EA	1-1/4" Flexible Steel Screw-in Connector, Plain	16.69	6.50
		For Work In Restricted Working Space, Add	*3.48*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.48*	
26 05 33 13-2463	EA	1-1/2" Flexible Steel Screw-in Connector, Plain	20.42	6.96
		For Work In Restricted Working Space, Add	*4.34*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.34*	
26 05 33 13-2464	EA	2" Flexible Steel Screw-in Connector, Plain	29.72	7.88
		For Work In Restricted Working Space, Add	*5.22*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.22*	

26 05 33 13-2465 Insulated Screw-In Connector *(26 05 33 13-2390)*

26 05 33 13-2466	EA	3/8" Flexible Steel Screw-in Connector, Insulated	6.17	3.71
		For Work In Restricted Working Space, Add	*1.56*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.56*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2467	EA	1/2" Flexible Steel Screw-in Connector, Insulated	6.58	4.17
		For Work In Restricted Working Space, Add	*1.74*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.74*	
26 05 33 13-2468	EA	3/4" Flexible Steel Screw-in Connector, Insulated	8.69	5.10
		For Work In Restricted Working Space, Add	*2.09*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.09*	
26 05 33 13-2469	EA	1" Flexible Steel Screw-in Connector, Insulated	12.44	5.56
		For Work In Restricted Working Space, Add	*2.78*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.78*	
26 05 33 13-2470	EA	1-1/4" Flexible Steel Screw-in Connector, Insulated	18.10	6.50
		For Work In Restricted Working Space, Add	*3.48*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.48*	
26 05 33 13-2471	EA	1-1/2" Flexible Steel Screw-in Connector, Insulated	22.10	6.96
		For Work In Restricted Working Space, Add	*4.34*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.34*	
26 05 33 13-2472	EA	2" Flexible Steel Screw-in Connector, Insulated	31.21	7.88
		For Work In Restricted Working Space, Add	*5.22*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.22*	

26 05 33 13-2473 Screw-In Coupling *(26 05 33 13-2390)*

26 05 33 13-2474	EA	1/2" Flexible Steel Screw-in Coupling	6.94	4.17
		For Work In Restricted Working Space, Add	*1.74*	
26 05 33 13-2475	EA	3/4" Flexible Steel Screw-in Coupling	9.06	5.10
		For Work In Restricted Working Space, Add	*2.09*	

26 05 33 13-2476 Flexible To Electrical Metallic Tubing (EMT) Coupling *(26 05 33 13-2390)*

26 05 33 13-2477	EA	3/8" Flexible Steel To Electrical Metallic Tubing (EMT) Coupling	9.13	3.71
		For Work In Restricted Working Space, Add	*1.56*	
26 05 33 13-2478	EA	1/2" Flexible Steel To Electrical Metallic Tubing (EMT) Coupling	12.33	4.17
		For Work In Restricted Working Space, Add	*1.74*	
26 05 33 13-2479	EA	3/4" Flexible Steel To Electrical Metallic Tubing (EMT) Coupling	16.26	5.10
		For Work In Restricted Working Space, Add	*2.09*	

26 05 33 13-2480 Die Cast Squeeze Type Straight Connector *(26 05 33 13-2390)*

26 05 33 13-2481	EA	3/8" Flexible Straight Connector, Die Cast	6.05	3.71
		For Work In Restricted Working Space, Add	*1.56*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.56*	
26 05 33 13-2482	EA	1/2" Flexible Straight Connector, Die Cast	6.84	4.17
		For Work In Restricted Working Space, Add	*1.74*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.74*	
26 05 33 13-2483	EA	3/4" Flexible Straight Connector, Die Cast	8.48	5.10
		For Work In Restricted Working Space, Add	*2.09*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.09*	
26 05 33 13-2484	EA	1" Flexible Straight Connector, Die Cast	12.66	5.56
		For Work In Restricted Working Space, Add	*2.78*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.78*	
26 05 33 13-2485	EA	1-1/4" Flexible Straight Connector, Die Cast	16.99	6.50
		For Work In Restricted Working Space, Add	*3.48*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.48*	
26 05 33 13-2486	EA	1-1/2" Flexible Straight Connector, Die Cast	22.96	6.96
		For Work In Restricted Working Space, Add	*4.34*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.34*	
26 05 33 13-2487	EA	2" Flexible Straight Connector, Die Cast	29.59	7.88
		For Work In Restricted Working Space, Add	*5.22*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.22*	

26 05 33 13-2488 Die Cast Squeeze Type 90 Degree Connector *(26 05 33 13-2390)*

26 05 33 13-2489	EA	3/8" Flexible 90 Degree Connector, Die Cast	8.03	4.64
		For Work In Restricted Working Space, Add	*2.09*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.09*	
26 05 33 13-2490	EA	1/2" Flexible 90 Degree Connector, Die Cast	9.91	5.10
		For Work In Restricted Working Space, Add	*2.43*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.43*	
26 05 33 13-2491	EA	3/4" Flexible 90 Degree Connector, Die Cast	11.98	5.56
		For Work In Restricted Working Space, Add	*2.78*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.78*	
26 05 33 13-2492	EA	1" Flexible 90 Degree Connector, Die Cast	18.75	6.50
		For Work In Restricted Working Space, Add	*3.48*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.48*	
26 05 33 13-2493	EA	1-1/4" Flexible 90 Degree Connector, Die Cast	26.41	6.96
		For Work In Restricted Working Space, Add	*4.17*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.17*	
26 05 33 13-2494	EA	1-1/2" Flexible 90 Degree Connector, Die Cast	40.71	8.11
		For Work In Restricted Working Space, Add	*5.22*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.22*	
26 05 33 13-2495	EA	2" Flexible 90 Degree Connector, Die Cast	48.59	9.96
		For Work In Restricted Working Space, Add	*5.91*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.91*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2496		**Flexible Liquid Tight Non-Metallic Conduit And Connectors** *(26 05 33 13-2348)*		
26 05 33 13-2497		**Flexible Liquid Tight Non-Metallic Conduit** *(26 05 33 13-2496)*		
26 05 33 13-2498	LF	3/8" Flexible Liquid Tight Non-Metallic Conduit	4.10	1.27
		For Work In Restricted Working Space, Add	*0.95*	
26 05 33 13-2499	LF	1/2" Flexible Liquid Tight Non-Metallic Conduit	4.18	1.27
		For Work In Restricted Working Space, Add	*0.95*	
26 05 33 13-2500	LF	3/4" Flexible Liquid Tight Non-Metallic Conduit	5.61	1.69
		For Work In Restricted Working Space, Add	*1.27*	
26 05 33 13-2501	LF	1" Flexible Liquid Tight Non-Metallic Conduit	7.02	1.69
		For Work In Restricted Working Space, Add	*1.27*	
26 05 33 13-2502	LF	1-1/4" Flexible Liquid Tight Non-Metallic Conduit	8.93	2.12
		For Work In Restricted Working Space, Add	*1.59*	
26 05 33 13-2503	LF	1-1/2" Flexible Liquid Tight Non-Metallic Conduit	11.42	2.54
		For Work In Restricted Working Space, Add	*1.91*	
26 05 33 13-2504	LF	2" Flexible Liquid Tight Non-Metallic Conduit	14.64	3.39
		For Work In Restricted Working Space, Add	*2.54*	
26 05 33 13-2505		**Liquid Tight Non-Metallic Straight Connector** *(26 05 33 13-2496)*		
26 05 33 13-2506	EA	3/8" Liquid Tight Non-Metallic Straight Connector	11.87	3.39
		For Work In Restricted Working Space, Add	*2.54*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.54*	
26 05 33 13-2507	EA	1/2" Liquid Tight Non-Metallic Straight Connector	11.87	3.39
		For Work In Restricted Working Space, Add	*2.54*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.54*	
26 05 33 13-2508	EA	3/4" Liquid Tight Non-Metallic Straight Connector	14.56	3.81
		For Work In Restricted Working Space, Add	*2.86*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.86*	
26 05 33 13-2509	EA	1" Liquid Tight Non-Metallic Straight Connector	18.15	4.23
		For Work In Restricted Working Space, Add	*3.18*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.18*	
26 05 33 13-2510	EA	1-1/4" Liquid Tight Non-Metallic Straight Connector	25.22	4.66
		For Work In Restricted Working Space, Add	*3.50*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.50*	
26 05 33 13-2511	EA	1-1/2" Liquid Tight Non-Metallic Straight Connector	31.60	5.08
		For Work In Restricted Working Space, Add	*3.81*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.81*	
26 05 33 13-2512	EA	2" Liquid Tight Non-Metallic Straight Connector	49.48	5.93
		For Work In Restricted Working Space, Add	*4.45*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.45*	
26 05 33 13-2513		**Liquid Tight Non-Metallic 90 Degree Angle Connector** *(26 05 33 13-2496)*		
26 05 33 13-2514	EA	3/8" Liquid Tight Non-Metallic 90 Degree Angle Connector	17.18	4.66
		For Work In Restricted Working Space, Add	*3.50*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.50*	
26 05 33 13-2515	EA	1/2" Liquid Tight Non-Metallic 90 Degree Angle Connector	17.18	4.66
		For Work In Restricted Working Space, Add	*3.50*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.50*	
26 05 33 13-2516	EA	3/4" Liquid Tight Non-Metallic 90 Degree Angle Connector	21.21	5.08
		For Work In Restricted Working Space, Add	*3.81*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.81*	
26 05 33 13-2517	EA	1" Liquid Tight Non-Metallic 90 Degree Angle Connector	30.19	5.93
		For Work In Restricted Working Space, Add	*4.45*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.45*	
26 05 33 13-2518	EA	1-1/4" Liquid Tight Non-Metallic 90 Degree Angle Connector	31.17	6.36
		For Work In Restricted Working Space, Add	*4.76*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.76*	
26 05 33 13-2519	EA	1-1/2" Liquid Tight Non-Metallic 90 Degree Angle Connector	49.73	6.78
		For Work In Restricted Working Space, Add	*5.08*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.08*	
26 05 33 13-2520	EA	2" Liquid Tight Non-Metallic 90 Degree Angle Connector	67.03	7.62
		For Work In Restricted Working Space, Add	*5.72*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.72*	
26 05 33 13-2521		**Liquid Tight Non-Metallic 45 Degree Angle Connector** *(26 05 33 13-2496)*		
26 05 33 13-2522	EA	3/8" Liquid Tight Non-Metallic 45 Degree Angle Connector	17.18	4.66
		For Work In Restricted Working Space, Add	*3.50*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.50*	
26 05 33 13-2523	EA	1/2" Liquid Tight Non-Metallic 45 Degree Angle Connector	17.18	4.66
		For Work In Restricted Working Space, Add	*3.50*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.50*	
26 05 33 13-2524	EA	3/4" Liquid Tight Non-Metallic 45 Degree Angle Connector	21.21	5.08
		For Work In Restricted Working Space, Add	*3.81*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.81*	
26 05 33 13-2525	EA	1" Liquid Tight Non-Metallic 45 Degree Angle Connector	30.19	5.93
		For Work In Restricted Working Space, Add	*4.45*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.45*	
26 05 33 13-2526	EA	1-1/4" Liquid Tight Non-Metallic 45 Degree Angle Connector	31.17	6.36
		For Work In Restricted Working Space, Add	*4.76*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.76*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2527	EA	1-1/2" Liquid Tight Non-Metallic 45 Degree Angle Connector	49.73	6.78
		For Work In Restricted Working Space, Add	*5.08*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.08*	
26 05 33 13-2528	EA	2" Liquid Tight Non-Metallic 45 Degree Angle Connector	67.03	7.62
		For Work In Restricted Working Space, Add	*5.72*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.72*	
26 05 33 13-2529		**Blue ENT Electrical Non-Metallic Tubing** *(26 05 33 13-2348)*		
		Note: Carlon - FLEX-PLUS.		
26 05 33 13-2530		**Blue ENT Electrical Non-Metallic Tubing** *(26 05 33 13-2529)*		
26 05 33 13-2531	LF	1/2" Blue ENT Electrical Non-Metallic Tubing	5.12	1.39
		For Work In Restricted Working Space, Add	*1.04*	
26 05 33 13-2532	LF	3/4" Blue ENT Electrical Non-Metallic Tubing	6.93	1.85
		For Work In Restricted Working Space, Add	*1.39*	
26 05 33 13-2533	LF	1" Blue ENT Electrical Non-Metallic Tubing	8.34	1.85
		For Work In Restricted Working Space, Add	*1.39*	
26 05 33 13-2534		**Terminal Adapter** *(26 05 33 13-2529)*		
26 05 33 13-2535	EA	1/2" Quick Connect Terminal Adapter For Blue ENT Electrical Non-Metallic Tubing	11.97	3.71
		For Work In Restricted Working Space, Add	*2.78*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2.78*	
26 05 33 13-2536	EA	3/4" Quick Connect Terminal Adapter For Blue ENT Electrical Non-Metallic Tubing	15.36	4.17
		For Work In Restricted Working Space, Add	*3.13*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.13*	
26 05 33 13-2537	EA	1" Quick Connect Terminal Adapter For Blue ENT Electrical Non-Metallic Tubing	17.93	4.64
		For Work In Restricted Working Space, Add	*3.48*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.48*	
26 05 33 13-2538		**Coupling** *(26 05 33 13-2529)*		
26 05 33 13-2539	EA	1/2" Quick Connect Coupling For Blue ENT Electrical Non-Metallic Tubing	11.62	3.71
		For Work In Restricted Working Space, Add	*2.78*	
26 05 33 13-2540	EA	3/4" Quick Connect Coupling For Blue ENT Electrical Non-Metallic Tubing	13.48	4.17
		For Work In Restricted Working Space, Add	*3.13*	
26 05 33 13-2541	EA	1" Quick Connect Coupling For Blue ENT Electrical Non-Metallic Tubing	16.17	4.64
		For Work In Restricted Working Space, Add	*3.48*	
26 05 33 13-2542		**Metallic Conduit Bodies** *(26 05 33 13-0058)*		
26 05 33 13-2543		**Threaded, Cast Aluminum Conduit Body** *(26 05 33 13-2542)*		
		Note: For use with Rigid Galvanized Steel (RGS), Galvanized Rigid Steel Conduit (GRC), Intermediate Metal Conduit (IMC), or Aluminum Rigid Conduit (ARC)		
26 05 33 13-2544		**Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover** *(26 05 33 13-2543)*		
26 05 33 13-2545	EA	1/2" Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	60.38	20.33
		For Mogul LB, Add	*4.62*	
		For Work In Restricted Working Space, Add	*15.25*	
		For Elevated Installation >10' To 15', Add	*5.08*	
		For Elevated Installation >15' To 20', Add	*10.17*	
		For Elevated Installation >20' To 25', Add	*12.71*	
		For Elevated Installation >25' To 30', Add	*17.79*	
		For Elevated Installation >30' To 35', Add	*20.33*	
		For Elevated Installation >35' To 40', Add	*25.42*	
		For Elevated Installation >40', Add	*27.96*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.25*	
26 05 33 13-2546	EA	3/4" Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	71.20	23.29
		For Mogul LB, Add	*6.82*	
		For Work In Restricted Working Space, Add	*17.47*	
		For Elevated Installation >10' To 15', Add	*5.82*	
		For Elevated Installation >15' To 20', Add	*11.65*	
		For Elevated Installation >20' To 25', Add	*14.56*	
		For Elevated Installation >25' To 30', Add	*20.38*	
		For Elevated Installation >30' To 35', Add	*23.29*	
		For Elevated Installation >35' To 40', Add	*29.12*	
		For Elevated Installation >40', Add	*32.03*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.47*	
26 05 33 13-2547	EA	1" Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	86.23	27.11
		For Mogul LB, Add	*10.46*	
		For Work In Restricted Working Space, Add	*20.33*	
		For Elevated Installation >10' To 15', Add	*6.78*	
		For Elevated Installation >15' To 20', Add	*13.55*	
		For Elevated Installation >20' To 25', Add	*16.94*	
		For Elevated Installation >25' To 30', Add	*23.72*	
		For Elevated Installation >30' To 35', Add	*27.11*	
		For Elevated Installation >35' To 40', Add	*33.89*	
		For Elevated Installation >40', Add	*37.27*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2548	EA	1-1/4" Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	104.86	30.92
		For Mogul LB, Add	*16.81*	
		For Work In Restricted Working Space, Add	*23.19*	
		For Elevated Installation >10' To 15', Add	*7.73*	
		For Elevated Installation >15' To 20', Add	*15.46*	
		For Elevated Installation >20' To 25', Add	*19.33*	
		For Elevated Installation >25' To 30', Add	*27.06*	
		For Elevated Installation >30' To 35', Add	*30.92*	
		For Elevated Installation >35' To 40', Add	*38.65*	
		For Elevated Installation >40', Add	*42.52*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.19*	
26 05 33 13-2549	EA	1-1/2" Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	120.27	33.88
		For Mogul LB, Add	*22.43*	
		For Work In Restricted Working Space, Add	*25.41*	
		For Elevated Installation >10' To 15', Add	*8.47*	
		For Elevated Installation >15' To 20', Add	*16.94*	
		For Elevated Installation >20' To 25', Add	*21.18*	
		For Elevated Installation >25' To 30', Add	*29.65*	
		For Elevated Installation >30' To 35', Add	*33.88*	
		For Elevated Installation >35' To 40', Add	*42.36*	
		For Elevated Installation >40', Add	*46.59*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*25.41*	
26 05 33 13-2550	EA	2" Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	159.09	40.66
		For Mogul LB, Add	*38.00*	
		For Work In Restricted Working Space, Add	*30.50*	
		For Elevated Installation >10' To 15', Add	*10.17*	
		For Elevated Installation >15' To 20', Add	*20.33*	
		For Elevated Installation >20' To 25', Add	*25.41*	
		For Elevated Installation >25' To 30', Add	*35.58*	
		For Elevated Installation >30' To 35', Add	*40.66*	
		For Elevated Installation >35' To 40', Add	*50.83*	
		For Elevated Installation >40', Add	*55.91*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*30.50*	
26 05 33 13-2551	EA	2-1/2" Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	270.07	57.18
		For Mogul LB, Add	*88.19*	
		For Work In Restricted Working Space, Add	*42.89*	
		For Elevated Installation >10' To 15', Add	*14.30*	
		For Elevated Installation >15' To 20', Add	*28.59*	
		For Elevated Installation >20' To 25', Add	*35.74*	
		For Elevated Installation >25' To 30', Add	*50.03*	
		For Elevated Installation >30' To 35', Add	*57.18*	
		For Elevated Installation >35' To 40', Add	*71.48*	
		For Elevated Installation >40', Add	*78.62*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*42.89*	
26 05 33 13-2552	EA	3" Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	354.73	76.24
		For Mogul LB, Add	*113.57*	
		For Work In Restricted Working Space, Add	*57.18*	
		For Elevated Installation >10' To 15', Add	*19.06*	
		For Elevated Installation >15' To 20', Add	*38.12*	
		For Elevated Installation >20' To 25', Add	*47.65*	
		For Elevated Installation >25' To 30', Add	*66.71*	
		For Elevated Installation >30' To 35', Add	*76.24*	
		For Elevated Installation >35' To 40', Add	*95.30*	
		For Elevated Installation >40', Add	*104.83*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*57.18*	
26 05 33 13-2553	EA	3-1/2" Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	472.99	95.30
		For Mogul LB, Add	*164.14*	
		For Work In Restricted Working Space, Add	*71.48*	
		For Elevated Installation >10' To 15', Add	*23.83*	
		For Elevated Installation >15' To 20', Add	*47.65*	
		For Elevated Installation >20' To 25', Add	*59.56*	
		For Elevated Installation >25' To 30', Add	*83.39*	
		For Elevated Installation >30' To 35', Add	*95.30*	
		For Elevated Installation >35' To 40', Add	*119.13*	
		For Elevated Installation >40', Add	*131.04*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*71.48*	
26 05 33 13-2554	EA	4" Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	616.32	116.06
		For Mogul LB, Add	*230.14*	
		For Work In Restricted Working Space, Add	*87.04*	
		For Elevated Installation >10' To 15', Add	*29.01*	
		For Elevated Installation >15' To 20', Add	*58.03*	
		For Elevated Installation >20' To 25', Add	*72.53*	
		For Elevated Installation >25' To 30', Add	*101.55*	
		For Elevated Installation >30' To 35', Add	*116.05*	
		For Elevated Installation >35' To 40', Add	*145.07*	
		For Elevated Installation >40', Add	*159.57*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*87.04*	

26 05 33 13-2555 Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover *(26 05 33 13-2543)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2556	EA	1/2" Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	61.54	20.33
		For Mogul LB, Add	*5.49*	
		For Work In Restricted Working Space, Add	*15.25*	
		For Elevated Installation >10' To 15', Add	*5.08*	
		For Elevated Installation >15' To 20', Add	*10.17*	
		For Elevated Installation >20' To 25', Add	*12.71*	
		For Elevated Installation >25' To 30', Add	*17.79*	
		For Elevated Installation >30' To 35', Add	*20.33*	
		For Elevated Installation >35' To 40', Add	*25.42*	
		For Elevated Installation >40', Add	*27.96*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.25*	
26 05 33 13-2557	EA	3/4" Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	72.33	23.29
		For Mogul LB, Add	*7.66*	
		For Work In Restricted Working Space, Add	*17.47*	
		For Elevated Installation >10' To 15', Add	*5.82*	
		For Elevated Installation >15' To 20', Add	*11.65*	
		For Elevated Installation >20' To 25', Add	*14.56*	
		For Elevated Installation >25' To 30', Add	*20.38*	
		For Elevated Installation >30' To 35', Add	*23.29*	
		For Elevated Installation >35' To 40', Add	*29.12*	
		For Elevated Installation >40', Add	*32.03*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.47*	
26 05 33 13-2558	EA	1" Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	88.51	27.11
		For Mogul LB, Add	*12.17*	
		For Work In Restricted Working Space, Add	*20.33*	
		For Elevated Installation >10' To 15', Add	*6.78*	
		For Elevated Installation >15' To 20', Add	*13.55*	
		For Elevated Installation >20' To 25', Add	*16.94*	
		For Elevated Installation >25' To 30', Add	*23.72*	
		For Elevated Installation >30' To 35', Add	*27.11*	
		For Elevated Installation >35' To 40', Add	*33.89*	
		For Elevated Installation >40', Add	*37.27*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.33*	
26 05 33 13-2559	EA	1-1/4" Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	107.64	30.92
		For Mogul LB, Add	*18.89*	
		For Work In Restricted Working Space, Add	*23.19*	
		For Elevated Installation >10' To 15', Add	*7.73*	
		For Elevated Installation >15' To 20', Add	*15.46*	
		For Elevated Installation >20' To 25', Add	*19.33*	
		For Elevated Installation >25' To 30', Add	*27.06*	
		For Elevated Installation >30' To 35', Add	*30.92*	
		For Elevated Installation >35' To 40', Add	*38.65*	
		For Elevated Installation >40', Add	*42.52*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.19*	
26 05 33 13-2560	EA	1-1/2" Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	125.00	33.88
		For Mogul LB, Add	*25.98*	
		For Work In Restricted Working Space, Add	*25.41*	
		For Elevated Installation >10' To 15', Add	*8.47*	
		For Elevated Installation >15' To 20', Add	*16.94*	
		For Elevated Installation >20' To 25', Add	*21.18*	
		For Elevated Installation >25' To 30', Add	*29.65*	
		For Elevated Installation >30' To 35', Add	*33.88*	
		For Elevated Installation >35' To 40', Add	*42.36*	
		For Elevated Installation >40', Add	*46.59*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*25.41*	
26 05 33 13-2561	EA	2" Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	169.24	40.66
		For Mogul LB, Add	*45.61*	
		For Work In Restricted Working Space, Add	*30.50*	
		For Elevated Installation >10' To 15', Add	*10.17*	
		For Elevated Installation >15' To 20', Add	*20.33*	
		For Elevated Installation >20' To 25', Add	*25.41*	
		For Elevated Installation >25' To 30', Add	*35.58*	
		For Elevated Installation >30' To 35', Add	*40.66*	
		For Elevated Installation >35' To 40', Add	*50.83*	
		For Elevated Installation >40', Add	*55.91*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*30.50*	
26 05 33 13-2562	EA	2-1/2" Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	264.95	57.18
		For Mogul LB, Add	*84.35*	
		For Work In Restricted Working Space, Add	*42.89*	
		For Elevated Installation >10' To 15', Add	*14.30*	
		For Elevated Installation >15' To 20', Add	*28.59*	
		For Elevated Installation >20' To 25', Add	*35.74*	
		For Elevated Installation >25' To 30', Add	*50.03*	
		For Elevated Installation >30' To 35', Add	*57.18*	
		For Elevated Installation >35' To 40', Add	*71.48*	
		For Elevated Installation >40', Add	*78.62*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*42.89*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2563	EA	3" Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	337.51	76.24
		For Mogul LB, Add	*100.65*	
		For Work In Restricted Working Space, Add	*57.18*	
		For Elevated Installation >10' To 15', Add	*19.06*	
		For Elevated Installation >15' To 20', Add	*38.12*	
		For Elevated Installation >20' To 25', Add	*47.65*	
		For Elevated Installation >25' To 30', Add	*66.71*	
		For Elevated Installation >30' To 35', Add	*76.24*	
		For Elevated Installation >35' To 40', Add	*95.30*	
		For Elevated Installation >40', Add	*104.83*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*57.18*	
26 05 33 13-2564	EA	3-1/2" Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	487.68	95.30
		For Mogul LB, Add	*175.16*	
		For Work In Restricted Working Space, Add	*71.48*	
		For Elevated Installation >10' To 15', Add	*23.83*	
		For Elevated Installation >15' To 20', Add	*47.65*	
		For Elevated Installation >20' To 25', Add	*59.56*	
		For Elevated Installation >25' To 30', Add	*83.39*	
		For Elevated Installation >30' To 35', Add	*95.30*	
		For Elevated Installation >35' To 40', Add	*119.13*	
		For Elevated Installation >40', Add	*131.04*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*71.48*	
26 05 33 13-2565	EA	4" Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	646.34	116.06
		For Mogul LB, Add	*252.65*	
		For Work In Restricted Working Space, Add	*87.04*	
		For Elevated Installation >10' To 15', Add	*29.01*	
		For Elevated Installation >15' To 20', Add	*58.03*	
		For Elevated Installation >20' To 25', Add	*72.53*	
		For Elevated Installation >25' To 30', Add	*101.55*	
		For Elevated Installation >30' To 35', Add	*116.05*	
		For Elevated Installation >35' To 40', Add	*145.07*	
		For Elevated Installation >40', Add	*159.57*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*87.04*	
26 05 33 13-2566		**Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover** *(26 05 33 13-2543)*		
26 05 33 13-2567	EA	1/2" Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover	70.89	23.29
		For Work In Restricted Working Space, Add	*17.47*	
		For Elevated Installation >10' To 15', Add	*5.82*	
		For Elevated Installation >15' To 20', Add	*11.65*	
		For Elevated Installation >20' To 25', Add	*14.56*	
		For Elevated Installation >25' To 30', Add	*20.38*	
		For Elevated Installation >30' To 35', Add	*23.29*	
		For Elevated Installation >35' To 40', Add	*29.12*	
		For Elevated Installation >40', Add	*32.03*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.47*	
26 05 33 13-2568	EA	3/4" Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover	84.07	27.11
		For Work In Restricted Working Space, Add	*20.33*	
		For Elevated Installation >10' To 15', Add	*6.78*	
		For Elevated Installation >15' To 20', Add	*13.55*	
		For Elevated Installation >20' To 25', Add	*16.94*	
		For Elevated Installation >25' To 30', Add	*23.72*	
		For Elevated Installation >30' To 35', Add	*27.11*	
		For Elevated Installation >35' To 40', Add	*33.89*	
		For Elevated Installation >40', Add	*37.27*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.33*	
26 05 33 13-2569	EA	1" Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover	97.19	29.65
		For Work In Restricted Working Space, Add	*22.24*	
		For Elevated Installation >10' To 15', Add	*7.41*	
		For Elevated Installation >15' To 20', Add	*14.82*	
		For Elevated Installation >20' To 25', Add	*18.53*	
		For Elevated Installation >25' To 30', Add	*25.94*	
		For Elevated Installation >30' To 35', Add	*29.65*	
		For Elevated Installation >35' To 40', Add	*37.06*	
		For Elevated Installation >40', Add	*40.77*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.24*	
26 05 33 13-2570	EA	1-1/4" Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover	119.68	33.88
		For Work In Restricted Working Space, Add	*25.41*	
		For Elevated Installation >10' To 15', Add	*8.47*	
		For Elevated Installation >15' To 20', Add	*16.94*	
		For Elevated Installation >20' To 25', Add	*21.18*	
		For Elevated Installation >25' To 30', Add	*29.65*	
		For Elevated Installation >30' To 35', Add	*33.88*	
		For Elevated Installation >35' To 40', Add	*42.36*	
		For Elevated Installation >40', Add	*46.59*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*25.41*	
26 05 33 13-2571	EA	1-1/2" Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover	138.62	37.27
		For Work In Restricted Working Space, Add	*27.95*	
		For Elevated Installation >10' To 15', Add	*9.32*	
		For Elevated Installation >15' To 20', Add	*18.64*	
		For Elevated Installation >20' To 25', Add	*23.30*	
		For Elevated Installation >25' To 30', Add	*32.61*	
		For Elevated Installation >30' To 35', Add	*37.27*	
		For Elevated Installation >35' To 40', Add	*46.59*	
		For Elevated Installation >40', Add	*51.25*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.95*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2572	EA	2" Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover	186.79	43.63
		For Work In Restricted Working Space, Add	*32.72*	
		For Elevated Installation >10' To 15', Add	*10.91*	
		For Elevated Installation >15' To 20', Add	*21.81*	
		For Elevated Installation >20' To 25', Add	*27.27*	
		For Elevated Installation >25' To 30', Add	*38.17*	
		For Elevated Installation >30' To 35', Add	*43.63*	
		For Elevated Installation >35' To 40', Add	*54.54*	
		For Elevated Installation >40', Add	*59.99*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*32.72*	
26 05 33 13-2573	EA	2-1/2" Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover	296.16	63.53
		For Work In Restricted Working Space, Add	*47.65*	
		For Elevated Installation >10' To 15', Add	*15.88*	
		For Elevated Installation >15' To 20', Add	*31.77*	
		For Elevated Installation >20' To 25', Add	*39.71*	
		For Elevated Installation >25' To 30', Add	*55.59*	
		For Elevated Installation >30' To 35', Add	*63.53*	
		For Elevated Installation >35' To 40', Add	*79.42*	
		For Elevated Installation >40', Add	*87.36*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*47.65*	
26 05 33 13-2574	EA	3" Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover	382.53	82.59
		For Work In Restricted Working Space, Add	*61.94*	
		For Elevated Installation >10' To 15', Add	*20.65*	
		For Elevated Installation >15' To 20', Add	*41.30*	
		For Elevated Installation >20' To 25', Add	*51.62*	
		For Elevated Installation >25' To 30', Add	*72.27*	
		For Elevated Installation >30' To 35', Add	*82.59*	
		For Elevated Installation >35' To 40', Add	*103.24*	
		For Elevated Installation >40', Add	*113.56*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*61.94*	
26 05 33 13-2575	EA	3-1/2" Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover	619.77	101.65
		For Work In Restricted Working Space, Add	*76.24*	
		For Elevated Installation >10' To 15', Add	*25.41*	
		For Elevated Installation >15' To 20', Add	*50.83*	
		For Elevated Installation >20' To 25', Add	*63.53*	
		For Elevated Installation >25' To 30', Add	*88.95*	
		For Elevated Installation >30' To 35', Add	*101.65*	
		For Elevated Installation >35' To 40', Add	*127.07*	
		For Elevated Installation >40', Add	*139.77*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*76.24*	
26 05 33 13-2576	EA	4" Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover	708.60	122.41
		For Work In Restricted Working Space, Add	*91.80*	
		For Elevated Installation >10' To 15', Add	*30.60*	
		For Elevated Installation >15' To 20', Add	*61.20*	
		For Elevated Installation >20' To 25', Add	*76.50*	
		For Elevated Installation >25' To 30', Add	*107.10*	
		For Elevated Installation >30' To 35', Add	*122.40*	
		For Elevated Installation >35' To 40', Add	*153.01*	
		For Elevated Installation >40', Add	*168.31*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*91.80*	
26 05 33 13-2577		Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover *(26 05 33 13-2543)*		
26 05 33 13-2578	EA	1/2" Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	61.78	20.33
		For Work In Restricted Working Space, Add	*15.25*	
		For Elevated Installation >10' To 15', Add	*5.08*	
		For Elevated Installation >15' To 20', Add	*10.17*	
		For Elevated Installation >20' To 25', Add	*12.71*	
		For Elevated Installation >25' To 30', Add	*17.79*	
		For Elevated Installation >30' To 35', Add	*20.33*	
		For Elevated Installation >35' To 40', Add	*25.42*	
		For Elevated Installation >40', Add	*27.96*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.25*	
26 05 33 13-2579	EA	3/4" Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	71.53	23.29
		For Work In Restricted Working Space, Add	*17.47*	
		For Elevated Installation >10' To 15', Add	*5.82*	
		For Elevated Installation >15' To 20', Add	*11.65*	
		For Elevated Installation >20' To 25', Add	*14.56*	
		For Elevated Installation >25' To 30', Add	*20.38*	
		For Elevated Installation >30' To 35', Add	*23.29*	
		For Elevated Installation >35' To 40', Add	*29.12*	
		For Elevated Installation >40', Add	*32.03*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.47*	
26 05 33 13-2580	EA	1" Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	86.52	26.68
		For Work In Restricted Working Space, Add	*20.01*	
		For Elevated Installation >10' To 15', Add	*6.67*	
		For Elevated Installation >15' To 20', Add	*13.34*	
		For Elevated Installation >20' To 25', Add	*16.68*	
		For Elevated Installation >25' To 30', Add	*23.35*	
		For Elevated Installation >30' To 35', Add	*26.68*	
		For Elevated Installation >35' To 40', Add	*33.36*	
		For Elevated Installation >40', Add	*36.69*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.01*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2581	EA	1-1/4" Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	106.54	30.92
		For Work In Restricted Working Space, Add	*23.19*	
		For Elevated Installation >10' To 15', Add	*7.73*	
		For Elevated Installation >15' To 20', Add	*15.46*	
		For Elevated Installation >20' To 25', Add	*19.33*	
		For Elevated Installation >25' To 30', Add	*27.06*	
		For Elevated Installation >30' To 35', Add	*30.92*	
		For Elevated Installation >35' To 40', Add	*38.65*	
		For Elevated Installation >40', Add	*42.52*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.19*	
26 05 33 13-2582	EA	1-1/2" Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	119.50	33.88
		For Work In Restricted Working Space, Add	*25.41*	
		For Elevated Installation >10' To 15', Add	*8.47*	
		For Elevated Installation >15' To 20', Add	*16.94*	
		For Elevated Installation >20' To 25', Add	*21.18*	
		For Elevated Installation >25' To 30', Add	*29.65*	
		For Elevated Installation >30' To 35', Add	*33.88*	
		For Elevated Installation >35' To 40', Add	*42.36*	
		For Elevated Installation >40', Add	*46.59*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*25.41*	
26 05 33 13-2583	EA	2" Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	159.17	40.66
		For Work In Restricted Working Space, Add	*30.50*	
		For Elevated Installation >10' To 15', Add	*10.17*	
		For Elevated Installation >15' To 20', Add	*20.33*	
		For Elevated Installation >20' To 25', Add	*25.41*	
		For Elevated Installation >25' To 30', Add	*35.58*	
		For Elevated Installation >30' To 35', Add	*40.66*	
		For Elevated Installation >35' To 40', Add	*50.83*	
		For Elevated Installation >40', Add	*55.91*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*30.50*	
26 05 33 13-2584	EA	2-1/2" Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	260.63	57.18
		For Work In Restricted Working Space, Add	*42.89*	
		For Elevated Installation >10' To 15', Add	*14.30*	
		For Elevated Installation >15' To 20', Add	*28.59*	
		For Elevated Installation >20' To 25', Add	*35.74*	
		For Elevated Installation >25' To 30', Add	*50.03*	
		For Elevated Installation >30' To 35', Add	*57.18*	
		For Elevated Installation >35' To 40', Add	*71.48*	
		For Elevated Installation >40', Add	*78.62*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*42.89*	
26 05 33 13-2585	EA	3" Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	334.75	76.24
		For Work In Restricted Working Space, Add	*57.18*	
		For Elevated Installation >10' To 15', Add	*19.06*	
		For Elevated Installation >15' To 20', Add	*38.12*	
		For Elevated Installation >20' To 25', Add	*47.65*	
		For Elevated Installation >25' To 30', Add	*66.71*	
		For Elevated Installation >30' To 35', Add	*76.24*	
		For Elevated Installation >35' To 40', Add	*95.30*	
		For Elevated Installation >40', Add	*104.83*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*57.18*	
26 05 33 13-2586	EA	3-1/2" Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	478.85	95.30
		For Work In Restricted Working Space, Add	*71.48*	
		For Elevated Installation >10' To 15', Add	*23.83*	
		For Elevated Installation >15' To 20', Add	*47.65*	
		For Elevated Installation >20' To 25', Add	*59.56*	
		For Elevated Installation >25' To 30', Add	*83.39*	
		For Elevated Installation >30' To 35', Add	*95.30*	
		For Elevated Installation >35' To 40', Add	*119.13*	
		For Elevated Installation >40', Add	*131.04*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*71.48*	
26 05 33 13-2587	EA	4" Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	619.08	116.06
		For Work In Restricted Working Space, Add	*87.04*	
		For Elevated Installation >10' To 15', Add	*29.01*	
		For Elevated Installation >15' To 20', Add	*58.03*	
		For Elevated Installation >20' To 25', Add	*72.53*	
		For Elevated Installation >25' To 30', Add	*101.55*	
		For Elevated Installation >30' To 35', Add	*116.05*	
		For Elevated Installation >35' To 40', Add	*145.07*	
		For Elevated Installation >40', Add	*159.57*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*87.04*	

26 05 33 13-2588 Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover *(26 05 33 13-2543)*

26 05 33 13-2589	EA	1/2"Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover	82.25	26.68
		For Work In Restricted Working Space, Add	*20.01*	
		For Elevated Installation >10' To 15', Add	*6.67*	
		For Elevated Installation >15' To 20', Add	*13.34*	
		For Elevated Installation >20' To 25', Add	*16.68*	
		For Elevated Installation >25' To 30', Add	*23.35*	
		For Elevated Installation >30' To 35', Add	*26.68*	
		For Elevated Installation >35' To 40', Add	*33.36*	
		For Elevated Installation >40', Add	*36.69*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.01*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2590	EA	3/4" Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover	95.14	29.65
		For Work In Restricted Working Space, Add	*22.24*	
		For Elevated Installation >10' To 15', Add	*7.41*	
		For Elevated Installation >15' To 20', Add	*14.82*	
		For Elevated Installation >20' To 25', Add	*18.53*	
		For Elevated Installation >25' To 30', Add	*25.94*	
		For Elevated Installation >30' To 35', Add	*29.65*	
		For Elevated Installation >35' To 40', Add	*37.06*	
		For Elevated Installation >40', Add	*40.77*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.24*	
26 05 33 13-2591	EA	1" Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover	117.10	32.62
		For Work In Restricted Working Space, Add	*24.46*	
		For Elevated Installation >10' To 15', Add	*8.15*	
		For Elevated Installation >15' To 20', Add	*16.31*	
		For Elevated Installation >20' To 25', Add	*20.39*	
		For Elevated Installation >25' To 30', Add	*28.54*	
		For Elevated Installation >30' To 35', Add	*32.62*	
		For Elevated Installation >35' To 40', Add	*40.77*	
		For Elevated Installation >40', Add	*44.85*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*24.46*	
26 05 33 13-2592	EA	1-1/4" Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover	135.05	37.27
		For Work In Restricted Working Space, Add	*27.95*	
		For Elevated Installation >10' To 15', Add	*9.32*	
		For Elevated Installation >15' To 20', Add	*18.64*	
		For Elevated Installation >20' To 25', Add	*23.30*	
		For Elevated Installation >25' To 30', Add	*32.61*	
		For Elevated Installation >30' To 35', Add	*37.27*	
		For Elevated Installation >35' To 40', Add	*46.59*	
		For Elevated Installation >40', Add	*51.25*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.95*	
26 05 33 13-2593	EA	1-1/2" Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover	174.99	40.66
		For Work In Restricted Working Space, Add	*30.50*	
		For Elevated Installation >10' To 15', Add	*10.17*	
		For Elevated Installation >15' To 20', Add	*20.33*	
		For Elevated Installation >20' To 25', Add	*25.41*	
		For Elevated Installation >25' To 30', Add	*35.58*	
		For Elevated Installation >30' To 35', Add	*40.66*	
		For Elevated Installation >35' To 40', Add	*50.83*	
		For Elevated Installation >40', Add	*55.91*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*30.50*	
26 05 33 13-2594	EA	2" Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover	211.43	49.98
		For Work In Restricted Working Space, Add	*37.49*	
		For Elevated Installation >10' To 15', Add	*12.50*	
		For Elevated Installation >15' To 20', Add	*24.99*	
		For Elevated Installation >20' To 25', Add	*31.24*	
		For Elevated Installation >25' To 30', Add	*43.73*	
		For Elevated Installation >30' To 35', Add	*49.98*	
		For Elevated Installation >35' To 40', Add	*62.48*	
		For Elevated Installation >40', Add	*68.72*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*37.49*	
26 05 33 13-2595	EA	2-1/2" Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover	397.76	73.27
		For Work In Restricted Working Space, Add	*54.96*	
		For Elevated Installation >10' To 15', Add	*18.32*	
		For Elevated Installation >15' To 20', Add	*36.64*	
		For Elevated Installation >20' To 25', Add	*45.80*	
		For Elevated Installation >25' To 30', Add	*64.12*	
		For Elevated Installation >30' To 35', Add	*73.28*	
		For Elevated Installation >35' To 40', Add	*91.60*	
		For Elevated Installation >40', Add	*100.75*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*54.96*	
26 05 33 13-2596	EA	3" Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover	489.61	95.30
		For Work In Restricted Working Space, Add	*71.48*	
		For Elevated Installation >10' To 15', Add	*23.83*	
		For Elevated Installation >15' To 20', Add	*47.65*	
		For Elevated Installation >20' To 25', Add	*59.56*	
		For Elevated Installation >25' To 30', Add	*83.39*	
		For Elevated Installation >30' To 35', Add	*95.30*	
		For Elevated Installation >35' To 40', Add	*119.13*	
		For Elevated Installation >40', Add	*131.04*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*71.48*	
26 05 33 13-2597	EA	3-1/2" Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover	701.89	117.74
		For Work In Restricted Working Space, Add	*88.95*	
		For Elevated Installation >10' To 15', Add	*29.65*	
		For Elevated Installation >15' To 20', Add	*59.30*	
		For Elevated Installation >20' To 25', Add	*74.12*	
		For Elevated Installation >25' To 30', Add	*103.77*	
		For Elevated Installation >30' To 35', Add	*118.60*	
		For Elevated Installation >35' To 40', Add	*148.25*	
		For Elevated Installation >40', Add	*163.07*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*88.95*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2598		EA	4" Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover	848.23	141.47
			For Work In Restricted Working Space, Add	*106.10*	
			For Elevated Installation >10' To 15', Add	*35.37*	
			For Elevated Installation >15' To 20', Add	*70.73*	
			For Elevated Installation >20' To 25', Add	*88.42*	
			For Elevated Installation >25' To 30', Add	*123.78*	
			For Elevated Installation >30' To 35', Add	*141.47*	
			For Elevated Installation >35' To 40', Add	*176.84*	
			For Elevated Installation >40', Add	*194.52*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*106.10*	

26 05 33 13-2599 Threaded, Malleable Iron Conduit Body *(26 05 33 13-2542)*

Note: For use with Rigid Galvanized Steel (RGS), Galvanized Rigid Steel Conduit (GRC), or Intermediate Metal Conduit (IMC)

26 05 33 13-2600 Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover *(26 05 33 13-2599)*

26 05 33 13-2601		EA	1/2" Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover	63.63	20.33
			For Work In Restricted Working Space, Add	*15.25*	
			For Elevated Installation >10' To 15', Add	*5.08*	
			For Elevated Installation >15' To 20', Add	*10.17*	
			For Elevated Installation >20' To 25', Add	*12.71*	
			For Elevated Installation >25' To 30', Add	*17.79*	
			For Elevated Installation >30' To 35', Add	*20.33*	
			For Elevated Installation >35' To 40', Add	*25.42*	
			For Elevated Installation >40', Add	*27.96*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.25*	
26 05 33 13-2602		EA	3/4" Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover	73.92	23.29
			For Work In Restricted Working Space, Add	*17.47*	
			For Elevated Installation >10' To 15', Add	*5.82*	
			For Elevated Installation >15' To 20', Add	*11.65*	
			For Elevated Installation >20' To 25', Add	*14.56*	
			For Elevated Installation >25' To 30', Add	*20.38*	
			For Elevated Installation >30' To 35', Add	*23.29*	
			For Elevated Installation >35' To 40', Add	*29.12*	
			For Elevated Installation >40', Add	*32.03*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.47*	
26 05 33 13-2603		EA	1" Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover	91.15	27.11
			For Work In Restricted Working Space, Add	*20.33*	
			For Elevated Installation >10' To 15', Add	*6.78*	
			For Elevated Installation >15' To 20', Add	*13.55*	
			For Elevated Installation >20' To 25', Add	*16.94*	
			For Elevated Installation >25' To 30', Add	*23.72*	
			For Elevated Installation >30' To 35', Add	*27.11*	
			For Elevated Installation >35' To 40', Add	*33.89*	
			For Elevated Installation >40', Add	*37.27*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.33*	
26 05 33 13-2604		EA	1-1/4" Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover	119.25	30.92
			For Work In Restricted Working Space, Add	*23.19*	
			For Elevated Installation >10' To 15', Add	*7.73*	
			For Elevated Installation >15' To 20', Add	*15.46*	
			For Elevated Installation >20' To 25', Add	*19.33*	
			For Elevated Installation >25' To 30', Add	*27.06*	
			For Elevated Installation >30' To 35', Add	*30.92*	
			For Elevated Installation >35' To 40', Add	*38.65*	
			For Elevated Installation >40', Add	*42.52*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.19*	
26 05 33 13-2605		EA	1-1/2" Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover	136.17	33.88
			For Work In Restricted Working Space, Add	*25.41*	
			For Elevated Installation >10' To 15', Add	*8.47*	
			For Elevated Installation >15' To 20', Add	*16.94*	
			For Elevated Installation >20' To 25', Add	*21.18*	
			For Elevated Installation >25' To 30', Add	*29.65*	
			For Elevated Installation >30' To 35', Add	*33.88*	
			For Elevated Installation >35' To 40', Add	*42.36*	
			For Elevated Installation >40', Add	*46.59*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*25.41*	
26 05 33 13-2606		EA	2" Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover	187.78	40.66
			For Work In Restricted Working Space, Add	*30.50*	
			For Elevated Installation >10' To 15', Add	*10.17*	
			For Elevated Installation >15' To 20', Add	*20.33*	
			For Elevated Installation >20' To 25', Add	*25.42*	
			For Elevated Installation >25' To 30', Add	*35.58*	
			For Elevated Installation >30' To 35', Add	*40.66*	
			For Elevated Installation >35' To 40', Add	*50.83*	
			For Elevated Installation >40', Add	*55.91*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*30.50*	
26 05 33 13-2607		EA	2-1/2" Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover	319.24	57.18
			For Work In Restricted Working Space, Add	*42.89*	
			For Elevated Installation >10' To 15', Add	*14.30*	
			For Elevated Installation >15' To 20', Add	*28.59*	
			For Elevated Installation >20' To 25', Add	*35.74*	
			For Elevated Installation >25' To 30', Add	*50.04*	
			For Elevated Installation >30' To 35', Add	*57.18*	
			For Elevated Installation >35' To 40', Add	*71.48*	
			For Elevated Installation >40', Add	*78.63*	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*42.89*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2608	EA	3" Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover	453.58	76.24
		For Work In Restricted Working Space, Add	*57.18*	
		For Elevated Installation >10' To 15', Add	*19.06*	
		For Elevated Installation >15' To 20', Add	*38.12*	
		For Elevated Installation >20' To 25', Add	*47.65*	
		For Elevated Installation >25' To 30', Add	*66.71*	
		For Elevated Installation >30' To 35', Add	*76.24*	
		For Elevated Installation >35' To 40', Add	*95.31*	
		For Elevated Installation >40', Add	*104.84*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*57.18*	
26 05 33 13-2609	EA	3-1/2" Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover	627.57	95.30
		For Work In Restricted Working Space, Add	*71.48*	
		For Elevated Installation >10' To 15', Add	*23.83*	
		For Elevated Installation >15' To 20', Add	*47.65*	
		For Elevated Installation >20' To 25', Add	*59.56*	
		For Elevated Installation >25' To 30', Add	*83.39*	
		For Elevated Installation >30' To 35', Add	*95.30*	
		For Elevated Installation >35' To 40', Add	*119.13*	
		For Elevated Installation >40', Add	*131.04*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*71.48*	
26 05 33 13-2610	EA	4" Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover	750.51	116.06
		For Work In Restricted Working Space, Add	*87.04*	
		For Elevated Installation >10' To 15', Add	*29.01*	
		For Elevated Installation >15' To 20', Add	*58.03*	
		For Elevated Installation >20' To 25', Add	*72.54*	
		For Elevated Installation >25' To 30', Add	*101.55*	
		For Elevated Installation >30' To 35', Add	*116.06*	
		For Elevated Installation >35' To 40', Add	*145.07*	
		For Elevated Installation >40', Add	*159.58*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*87.04*	

26 05 33 13-2611 Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover *(26 05 33 13-2599)*

26 05 33 13-2612	EA	1/2" Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover	66.59	20.33
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.25*	
26 05 33 13-2613	EA	3/4" Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover	74.79	23.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.47*	
26 05 33 13-2614	EA	1" Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover	95.68	27.11
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.33*	
26 05 33 13-2615	EA	1-1/4" Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover	122.28	30.92
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.19*	
26 05 33 13-2616	EA	1-1/2" Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover	139.88	33.88
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*25.41*	
26 05 33 13-2617	EA	2" Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover	180.17	40.66
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*30.50*	
26 05 33 13-2618	EA	2-1/2" Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover	276.97	57.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*42.89*	
26 05 33 13-2619	EA	3" Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover	377.58	76.24
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*57.18*	
26 05 33 13-2620	EA	3-1/2" Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover	672.33	95.30
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*71.48*	
26 05 33 13-2621	EA	4" Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover	783.53	116.06
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*87.04*	

26 05 33 13-2622 Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover *(26 05 33 13-2599)*

26 05 33 13-2623	EA	1/2" Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover	79.36	23.29
		For Work In Restricted Working Space, Add	*17.47*	
		For Elevated Installation >10' To 15', Add	*5.82*	
		For Elevated Installation >15' To 20', Add	*11.65*	
		For Elevated Installation >20' To 25', Add	*14.56*	
		For Elevated Installation >25' To 30', Add	*20.38*	
		For Elevated Installation >30' To 35', Add	*23.29*	
		For Elevated Installation >35' To 40', Add	*29.12*	
		For Elevated Installation >40', Add	*32.03*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.47*	
26 05 33 13-2624	EA	3/4" Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover	93.53	27.11
		For Work In Restricted Working Space, Add	*20.65*	
		For Elevated Installation >10' To 15', Add	*6.88*	
		For Elevated Installation >15' To 20', Add	*13.76*	
		For Elevated Installation >20' To 25', Add	*17.21*	
		For Elevated Installation >25' To 30', Add	*24.09*	
		For Elevated Installation >30' To 35', Add	*27.53*	
		For Elevated Installation >35' To 40', Add	*34.41*	
		For Elevated Installation >40', Add	*37.85*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.65*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2625	EA	1" Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover	111.49	29.65
		For Work In Restricted Working Space, Add	*22.24*	
		For Elevated Installation >10' To 15', Add	*7.41*	
		For Elevated Installation >15' To 20', Add	*14.82*	
		For Elevated Installation >20' To 25', Add	*18.53*	
		For Elevated Installation >25' To 30', Add	*25.94*	
		For Elevated Installation >30' To 35', Add	*29.65*	
		For Elevated Installation >35' To 40', Add	*37.06*	
		For Elevated Installation >40', Add	*40.77*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.24*	
26 05 33 13-2626	EA	1-1/4" Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover	141.56	33.88
		For Work In Restricted Working Space, Add	*25.10*	
		For Elevated Installation >10' To 15', Add	*8.37*	
		For Elevated Installation >15' To 20', Add	*16.73*	
		For Elevated Installation >20' To 25', Add	*20.91*	
		For Elevated Installation >25' To 30', Add	*29.28*	
		For Elevated Installation >30' To 35', Add	*33.46*	
		For Elevated Installation >35' To 40', Add	*41.83*	
		For Elevated Installation >40', Add	*46.01*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*25.10*	
26 05 33 13-2627	EA	1-1/2" Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover	162.77	37.27
		For Work In Restricted Working Space, Add	*27.95*	
		For Elevated Installation >10' To 15', Add	*9.32*	
		For Elevated Installation >15' To 20', Add	*18.64*	
		For Elevated Installation >20' To 25', Add	*23.30*	
		For Elevated Installation >25' To 30', Add	*32.61*	
		For Elevated Installation >30' To 35', Add	*37.27*	
		For Elevated Installation >35' To 40', Add	*46.59*	
		For Elevated Installation >40', Add	*51.25*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.95*	
26 05 33 13-2628	EA	2" Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover	218.09	43.63
		For Work In Restricted Working Space, Add	*32.72*	
		For Elevated Installation >10' To 15', Add	*10.91*	
		For Elevated Installation >15' To 20', Add	*21.81*	
		For Elevated Installation >20' To 25', Add	*27.27*	
		For Elevated Installation >25' To 30', Add	*38.17*	
		For Elevated Installation >30' To 35', Add	*43.63*	
		For Elevated Installation >35' To 40', Add	*54.54*	
		For Elevated Installation >40', Add	*59.99*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*32.72*	
26 05 33 13-2629	EA	2-1/2" Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover	273.21	63.53
		For Work In Restricted Working Space, Add	*47.65*	
		For Elevated Installation >10' To 15', Add	*15.88*	
		For Elevated Installation >15' To 20', Add	*31.77*	
		For Elevated Installation >20' To 25', Add	*39.71*	
		For Elevated Installation >25' To 30', Add	*55.59*	
		For Elevated Installation >30' To 35', Add	*63.53*	
		For Elevated Installation >35' To 40', Add	*79.42*	
		For Elevated Installation >40', Add	*87.36*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*47.65*	
26 05 33 13-2630	EA	3" Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover	396.54	82.59
		For Work In Restricted Working Space, Add	*61.94*	
		For Elevated Installation >10' To 15', Add	*20.65*	
		For Elevated Installation >15' To 20', Add	*41.30*	
		For Elevated Installation >20' To 25', Add	*51.62*	
		For Elevated Installation >25' To 30', Add	*72.27*	
		For Elevated Installation >30' To 35', Add	*82.59*	
		For Elevated Installation >35' To 40', Add	*103.24*	
		For Elevated Installation >40', Add	*113.56*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*61.94*	
26 05 33 13-2631	EA	3-1/2" Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover	708.88	101.65
		For Work In Restricted Working Space, Add	*76.24*	
		For Elevated Installation >10' To 15', Add	*25.41*	
		For Elevated Installation >15' To 20', Add	*50.83*	
		For Elevated Installation >20' To 25', Add	*63.53*	
		For Elevated Installation >25' To 30', Add	*88.95*	
		For Elevated Installation >30' To 35', Add	*101.65*	
		For Elevated Installation >35' To 40', Add	*127.07*	
		For Elevated Installation >40', Add	*139.77*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*76.24*	
26 05 33 13-2632	EA	4" Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover	818.33	122.41
		For Work In Restricted Working Space, Add	*92.12*	
		For Elevated Installation >10' To 15', Add	*30.71*	
		For Elevated Installation >15' To 20', Add	*61.42*	
		For Elevated Installation >20' To 25', Add	*76.77*	
		For Elevated Installation >25' To 30', Add	*107.48*	
		For Elevated Installation >30' To 35', Add	*122.83*	
		For Elevated Installation >35' To 40', Add	*153.54*	
		For Elevated Installation >40', Add	*168.89*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*92.12*	

26 05 33 13-2633 Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover *(26 05 33 13-2599)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2634	EA	1/2" Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover	63.85	20.33
		For Work In Restricted Working Space, Add	*15.25*	
		For Elevated Installation >10' To 15', Add	*5.08*	
		For Elevated Installation >15' To 20', Add	*10.17*	
		For Elevated Installation >20' To 25', Add	*12.71*	
		For Elevated Installation >25' To 30', Add	*17.79*	
		For Elevated Installation >30' To 35', Add	*20.33*	
		For Elevated Installation >35' To 40', Add	*25.42*	
		For Elevated Installation >40', Add	*27.96*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.25*	
26 05 33 13-2635	EA	3/4" Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover	77.76	23.29
		For Work In Restricted Working Space, Add	*17.47*	
		For Elevated Installation >10' To 15', Add	*5.82*	
		For Elevated Installation >15' To 20', Add	*11.65*	
		For Elevated Installation >20' To 25', Add	*14.56*	
		For Elevated Installation >25' To 30', Add	*20.38*	
		For Elevated Installation >30' To 35', Add	*23.30*	
		For Elevated Installation >35' To 40', Add	*29.12*	
		For Elevated Installation >40', Add	*32.03*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.47*	
26 05 33 13-2636	EA	1" Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover	91.16	26.68
		For Work In Restricted Working Space, Add	*20.01*	
		For Elevated Installation >10' To 15', Add	*6.67*	
		For Elevated Installation >15' To 20', Add	*13.34*	
		For Elevated Installation >20' To 25', Add	*16.68*	
		For Elevated Installation >25' To 30', Add	*23.35*	
		For Elevated Installation >30' To 35', Add	*26.68*	
		For Elevated Installation >35' To 40', Add	*33.36*	
		For Elevated Installation >40', Add	*36.69*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.01*	
26 05 33 13-2637	EA	1-1/4" Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover	124.83	30.92
		For Work In Restricted Working Space, Add	*23.19*	
		For Elevated Installation >10' To 15', Add	*7.73*	
		For Elevated Installation >15' To 20', Add	*15.46*	
		For Elevated Installation >20' To 25', Add	*19.33*	
		For Elevated Installation >25' To 30', Add	*27.06*	
		For Elevated Installation >30' To 35', Add	*30.92*	
		For Elevated Installation >35' To 40', Add	*38.65*	
		For Elevated Installation >40', Add	*42.52*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*23.19*	
26 05 33 13-2638	EA	1-1/2" Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover	146.62	33.88
		For Work In Restricted Working Space, Add	*25.41*	
		For Elevated Installation >10' To 15', Add	*8.47*	
		For Elevated Installation >15' To 20', Add	*16.94*	
		For Elevated Installation >20' To 25', Add	*21.18*	
		For Elevated Installation >25' To 30', Add	*29.65*	
		For Elevated Installation >30' To 35', Add	*33.88*	
		For Elevated Installation >35' To 40', Add	*42.35*	
		For Elevated Installation >40', Add	*46.59*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*25.41*	
26 05 33 13-2639	EA	2" Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover	190.76	40.66
		For Work In Restricted Working Space, Add	*30.50*	
		For Elevated Installation >10' To 15', Add	*10.17*	
		For Elevated Installation >15' To 20', Add	*20.33*	
		For Elevated Installation >20' To 25', Add	*25.41*	
		For Elevated Installation >25' To 30', Add	*35.58*	
		For Elevated Installation >30' To 35', Add	*40.66*	
		For Elevated Installation >35' To 40', Add	*50.83*	
		For Elevated Installation >40', Add	*55.91*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*30.50*	
26 05 33 13-2640	EA	2-1/2" Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover	421.20	107.26
		For Work In Restricted Working Space, Add	*80.41*	
		For Elevated Installation >10' To 15', Add	*26.80*	
		For Elevated Installation >15' To 20', Add	*53.61*	
		For Elevated Installation >20' To 25', Add	*67.01*	
		For Elevated Installation >25' To 30', Add	*93.81*	
		For Elevated Installation >30' To 35', Add	*107.22*	
		For Elevated Installation >35' To 40', Add	*134.02*	
		For Elevated Installation >40', Add	*147.42*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*80.41*	
26 05 33 13-2641	EA	3" Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover	409.50	76.24
		For Work In Restricted Working Space, Add	*57.18*	
		For Elevated Installation >10' To 15', Add	*19.06*	
		For Elevated Installation >15' To 20', Add	*38.12*	
		For Elevated Installation >20' To 25', Add	*47.65*	
		For Elevated Installation >25' To 30', Add	*66.71*	
		For Elevated Installation >30' To 35', Add	*76.24*	
		For Elevated Installation >35' To 40', Add	*95.31*	
		For Elevated Installation >40', Add	*104.84*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*57.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2642	EA	3-1/2" Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover	672.33	95.30
		For Work In Restricted Working Space, Add	*71.48*	
		For Elevated Installation >10' To 15', Add	*23.83*	
		For Elevated Installation >15' To 20', Add	*47.65*	
		For Elevated Installation >20' To 25', Add	*59.56*	
		For Elevated Installation >25' To 30', Add	*83.39*	
		For Elevated Installation >30' To 35', Add	*95.30*	
		For Elevated Installation >35' To 40', Add	*119.13*	
		For Elevated Installation >40', Add	*131.04*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*71.48*	
26 05 33 13-2643	EA	4" Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover	783.51	116.06
		For Work In Restricted Working Space, Add	*87.04*	
		For Elevated Installation >10' To 15', Add	*29.01*	
		For Elevated Installation >15' To 20', Add	*58.02*	
		For Elevated Installation >20' To 25', Add	*72.53*	
		For Elevated Installation >25' To 30', Add	*101.54*	
		For Elevated Installation >30' To 35', Add	*116.05*	
		For Elevated Installation >35' To 40', Add	*145.06*	
		For Elevated Installation >40', Add	*159.57*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*87.04*	

26 05 33 13-2644 Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover *(26 05 33 13-2599)*

26 05 33 13-2645	EA	1/2" Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover	90.14	26.68
		For Work In Restricted Working Space, Add	*20.01*	
		For Elevated Installation >10' To 15', Add	*6.67*	
		For Elevated Installation >15' To 20', Add	*13.34*	
		For Elevated Installation >20' To 25', Add	*16.68*	
		For Elevated Installation >25' To 30', Add	*23.35*	
		For Elevated Installation >30' To 35', Add	*26.68*	
		For Elevated Installation >35' To 40', Add	*33.36*	
		For Elevated Installation >40', Add	*36.69*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.01*	
26 05 33 13-2646	EA	3/4" Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover	98.42	29.65
		For Work In Restricted Working Space, Add	*22.24*	
		For Elevated Installation >10' To 15', Add	*7.41*	
		For Elevated Installation >15' To 20', Add	*14.82*	
		For Elevated Installation >20' To 25', Add	*18.53*	
		For Elevated Installation >25' To 30', Add	*25.94*	
		For Elevated Installation >30' To 35', Add	*29.65*	
		For Elevated Installation >35' To 40', Add	*37.06*	
		For Elevated Installation >40', Add	*40.77*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.24*	
26 05 33 13-2647	EA	1" Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover	114.89	32.62
		For Work In Restricted Working Space, Add	*24.46*	
		For Elevated Installation >10' To 15', Add	*8.15*	
		For Elevated Installation >15' To 20', Add	*16.31*	
		For Elevated Installation >20' To 25', Add	*20.39*	
		For Elevated Installation >25' To 30', Add	*28.54*	
		For Elevated Installation >30' To 35', Add	*32.62*	
		For Elevated Installation >35' To 40', Add	*40.77*	
		For Elevated Installation >40', Add	*44.85*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*24.46*	
26 05 33 13-2648	EA	1-1/4" Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover	137.21	37.27
		For Work In Restricted Working Space, Add	*27.95*	
		For Elevated Installation >10' To 15', Add	*9.32*	
		For Elevated Installation >15' To 20', Add	*18.64*	
		For Elevated Installation >20' To 25', Add	*23.30*	
		For Elevated Installation >25' To 30', Add	*32.61*	
		For Elevated Installation >30' To 35', Add	*37.27*	
		For Elevated Installation >35' To 40', Add	*46.59*	
		For Elevated Installation >40', Add	*51.25*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.95*	
26 05 33 13-2649	EA	1-1/2" Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover	159.10	40.66
		For Work In Restricted Working Space, Add	*30.50*	
		For Elevated Installation >10' To 15', Add	*10.17*	
		For Elevated Installation >15' To 20', Add	*20.33*	
		For Elevated Installation >20' To 25', Add	*25.41*	
		For Elevated Installation >25' To 30', Add	*35.58*	
		For Elevated Installation >30' To 35', Add	*40.66*	
		For Elevated Installation >35' To 40', Add	*50.83*	
		For Elevated Installation >40', Add	*55.91*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*30.50*	
26 05 33 13-2650	EA	2" Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover	224.96	49.98
		For Work In Restricted Working Space, Add	*37.49*	
		For Elevated Installation >10' To 15', Add	*12.50*	
		For Elevated Installation >15' To 20', Add	*24.99*	
		For Elevated Installation >20' To 25', Add	*31.24*	
		For Elevated Installation >25' To 30', Add	*43.73*	
		For Elevated Installation >30' To 35', Add	*49.98*	
		For Elevated Installation >35' To 40', Add	*62.48*	
		For Elevated Installation >40', Add	*68.72*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*37.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2651	EA	2-1/2" Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover	361.76	73.27
		For Work In Restricted Working Space, Add	*54.96*	
		For Elevated Installation >10' To 15', Add	*18.32*	
		For Elevated Installation >15' To 20', Add	*36.64*	
		For Elevated Installation >20' To 25', Add	*45.80*	
		For Elevated Installation >25' To 30', Add	*64.12*	
		For Elevated Installation >30' To 35', Add	*73.28*	
		For Elevated Installation >35' To 40', Add	*91.60*	
		For Elevated Installation >40', Add	*100.75*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*54.96*	
26 05 33 13-2652	EA	3" Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover	534.98	95.30
		For Work In Restricted Working Space, Add	*71.48*	
		For Elevated Installation >10' To 15', Add	*23.83*	
		For Elevated Installation >15' To 20', Add	*47.65*	
		For Elevated Installation >20' To 25', Add	*59.56*	
		For Elevated Installation >25' To 30', Add	*83.39*	
		For Elevated Installation >30' To 35', Add	*95.30*	
		For Elevated Installation >35' To 40', Add	*119.13*	
		For Elevated Installation >40', Add	*131.04*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*71.48*	
26 05 33 13-2653	EA	3-1/2" Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover	807.50	117.74
		For Work In Restricted Working Space, Add	*88.31*	
		For Elevated Installation >10' To 15', Add	*29.44*	
		For Elevated Installation >15' To 20', Add	*58.87*	
		For Elevated Installation >20' To 25', Add	*73.59*	
		For Elevated Installation >25' To 30', Add	*103.03*	
		For Elevated Installation >30' To 35', Add	*117.75*	
		For Elevated Installation >35' To 40', Add	*147.19*	
		For Elevated Installation >40', Add	*161.90*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*88.31*	
26 05 33 13-2654	EA	4" Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover	898.49	141.47
		For Work In Restricted Working Space, Add	*106.10*	
		For Elevated Installation >10' To 15', Add	*35.37*	
		For Elevated Installation >15' To 20', Add	*70.73*	
		For Elevated Installation >20' To 25', Add	*88.42*	
		For Elevated Installation >25' To 30', Add	*123.78*	
		For Elevated Installation >30' To 35', Add	*141.47*	
		For Elevated Installation >35' To 40', Add	*176.84*	
		For Elevated Installation >40', Add	*194.52*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*106.10*	

26 05 33 13-2655 Set Screw, Cast Aluminum Conduit Body *(26 05 33 13-2542)*

Note: For use with Electrical Metallic Tubing (EMT)

26 05 33 13-2656 Type LB, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover *(26 05 33 13-2655)*

26 05 33 13-2657	EA	1/2" Type LB, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	31.23	8.05
		For Work In Restricted Working Space, Add	*6.04*	
		For Elevated Installation >10' To 15', Add	*2.01*	
		For Elevated Installation >15' To 20', Add	*4.02*	
		For Elevated Installation >20' To 25', Add	*5.03*	
		For Elevated Installation >25' To 30', Add	*7.04*	
		For Elevated Installation >30' To 35', Add	*8.05*	
		For Elevated Installation >35' To 40', Add	*10.06*	
		For Elevated Installation >40', Add	*11.07*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.04*	
26 05 33 13-2658	EA	3/4" Type LB, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	39.82	10.59
		For Work In Restricted Working Space, Add	*7.94*	
		For Elevated Installation >10' To 15', Add	*2.65*	
		For Elevated Installation >15' To 20', Add	*5.29*	
		For Elevated Installation >20' To 25', Add	*6.62*	
		For Elevated Installation >25' To 30', Add	*9.26*	
		For Elevated Installation >30' To 35', Add	*10.59*	
		For Elevated Installation >35' To 40', Add	*13.24*	
		For Elevated Installation >40', Add	*14.56*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.94*	
26 05 33 13-2659	EA	1" Type LB, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	54.39	13.13
		For Work In Restricted Working Space, Add	*9.85*	
		For Elevated Installation >10' To 15', Add	*3.28*	
		For Elevated Installation >15' To 20', Add	*6.57*	
		For Elevated Installation >20' To 25', Add	*8.21*	
		For Elevated Installation >25' To 30', Add	*11.49*	
		For Elevated Installation >30' To 35', Add	*13.13*	
		For Elevated Installation >35' To 40', Add	*16.42*	
		For Elevated Installation >40', Add	*18.06*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.85*	
26 05 33 13-2660	EA	1-1/4" Type LB, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	70.90	16.09
		For Work In Restricted Working Space, Add	*12.07*	
		For Elevated Installation >10' To 15', Add	*4.02*	
		For Elevated Installation >15' To 20', Add	*8.05*	
		For Elevated Installation >20' To 25', Add	*10.06*	
		For Elevated Installation >25' To 30', Add	*14.08*	
		For Elevated Installation >30' To 35', Add	*16.10*	
		For Elevated Installation >35' To 40', Add	*20.12*	
		For Elevated Installation >40', Add	*22.13*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.07*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2661	EA	1-1/2" Type LB, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	94.29	18.64
		For Work In Restricted Working Space, Add	*13.98*	
		For Elevated Installation >10' To 15', Add	*4.66*	
		For Elevated Installation >15' To 20', Add	*9.32*	
		For Elevated Installation >20' To 25', Add	*11.65*	
		For Elevated Installation >25' To 30', Add	*16.31*	
		For Elevated Installation >30' To 35', Add	*18.64*	
		For Elevated Installation >35' To 40', Add	*23.30*	
		For Elevated Installation >40', Add	*25.62*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.98*	
26 05 33 13-2662	EA	2" Type LB, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	126.35	21.18
		For Work In Restricted Working Space, Add	*15.88*	
		For Elevated Installation >10' To 15', Add	*5.29*	
		For Elevated Installation >15' To 20', Add	*10.59*	
		For Elevated Installation >20' To 25', Add	*13.24*	
		For Elevated Installation >25' To 30', Add	*18.53*	
		For Elevated Installation >30' To 35', Add	*21.18*	
		For Elevated Installation >35' To 40', Add	*26.47*	
		For Elevated Installation >40', Add	*29.12*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.88*	

26 05 33 13-2663 Type LL Or LR, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover *(26 05 33 13-2655)*

26 05 33 13-2664	EA	1/2" Type LL Or LR, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	31.54	8.05
		For Work In Restricted Working Space, Add	*6.04*	
		For Elevated Installation >10' To 15', Add	*2.01*	
		For Elevated Installation >15' To 20', Add	*4.02*	
		For Elevated Installation >20' To 25', Add	*5.03*	
		For Elevated Installation >25' To 30', Add	*7.04*	
		For Elevated Installation >30' To 35', Add	*8.05*	
		For Elevated Installation >35' To 40', Add	*10.06*	
		For Elevated Installation >40', Add	*11.07*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.04*	
26 05 33 13-2665	EA	3/4" Type LL Or LR, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	41.00	10.59
		For Work In Restricted Working Space, Add	*7.94*	
		For Elevated Installation >10' To 15', Add	*2.65*	
		For Elevated Installation >15' To 20', Add	*5.29*	
		For Elevated Installation >20' To 25', Add	*6.62*	
		For Elevated Installation >25' To 30', Add	*9.26*	
		For Elevated Installation >30' To 35', Add	*10.59*	
		For Elevated Installation >35' To 40', Add	*13.24*	
		For Elevated Installation >40', Add	*14.56*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.94*	
26 05 33 13-2666	EA	1" Type LL Or LR, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	50.31	13.13
		For Work In Restricted Working Space, Add	*9.85*	
		For Elevated Installation >10' To 15', Add	*3.28*	
		For Elevated Installation >15' To 20', Add	*6.57*	
		For Elevated Installation >20' To 25', Add	*8.21*	
		For Elevated Installation >25' To 30', Add	*11.49*	
		For Elevated Installation >30' To 35', Add	*13.13*	
		For Elevated Installation >35' To 40', Add	*16.42*	
		For Elevated Installation >40', Add	*18.06*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.85*	
26 05 33 13-2667	EA	1-1/4" Type LL Or LR, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	70.56	16.09
		For Work In Restricted Working Space, Add	*12.07*	
		For Elevated Installation >10' To 15', Add	*4.02*	
		For Elevated Installation >15' To 20', Add	*8.05*	
		For Elevated Installation >20' To 25', Add	*10.06*	
		For Elevated Installation >25' To 30', Add	*14.08*	
		For Elevated Installation >30' To 35', Add	*16.10*	
		For Elevated Installation >35' To 40', Add	*20.12*	
		For Elevated Installation >40', Add	*22.13*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.07*	
26 05 33 13-2668	EA	1-1/2" Type LL Or LR, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	87.51	18.64
		For Work In Restricted Working Space, Add	*13.98*	
		For Elevated Installation >10' To 15', Add	*4.66*	
		For Elevated Installation >15' To 20', Add	*9.32*	
		For Elevated Installation >20' To 25', Add	*11.65*	
		For Elevated Installation >25' To 30', Add	*16.31*	
		For Elevated Installation >30' To 35', Add	*18.64*	
		For Elevated Installation >35' To 40', Add	*23.30*	
		For Elevated Installation >40', Add	*25.62*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.98*	
26 05 33 13-2669	EA	2" Type LL Or LR, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	125.76	21.18
		For Work In Restricted Working Space, Add	*15.88*	
		For Elevated Installation >10' To 15', Add	*5.29*	
		For Elevated Installation >15' To 20', Add	*10.59*	
		For Elevated Installation >20' To 25', Add	*13.24*	
		For Elevated Installation >25' To 30', Add	*18.53*	
		For Elevated Installation >30' To 35', Add	*21.18*	
		For Elevated Installation >35' To 40', Add	*26.47*	
		For Elevated Installation >40', Add	*29.12*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.88*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2670		Type T, Set Screw, Three Hub Cast Aluminum Conduit Body With Cover *(26 05 33 13-2655)*		
26 05 33 13-2671	EA	1/2" Type T, Set Screw, Three Hub Cast Aluminum Conduit Body With Cover	40.46	10.59
		For Work In Restricted Working Space, Add	*7.94*	
		For Elevated Installation >10' To 15', Add	*2.65*	
		For Elevated Installation >15' To 20', Add	*5.29*	
		For Elevated Installation >20' To 25', Add	*6.62*	
		For Elevated Installation >25' To 30', Add	*9.26*	
		For Elevated Installation >30' To 35', Add	*10.59*	
		For Elevated Installation >35' To 40', Add	*13.24*	
		For Elevated Installation >40', Add	*14.56*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.94*	
26 05 33 13-2672	EA	3/4" Type T, Set Screw, Three Hub Cast Aluminum Conduit Body With Cover	52.99	13.13
		For Work In Restricted Working Space, Add	*9.85*	
		For Elevated Installation >10' To 15', Add	*3.28*	
		For Elevated Installation >15' To 20', Add	*6.57*	
		For Elevated Installation >20' To 25', Add	*8.21*	
		For Elevated Installation >25' To 30', Add	*11.49*	
		For Elevated Installation >30' To 35', Add	*13.13*	
		For Elevated Installation >35' To 40', Add	*16.42*	
		For Elevated Installation >40', Add	*18.06*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.85*	
26 05 33 13-2673	EA	1" Type T, Set Screw, Three Hub Cast Aluminum Conduit Body With Cover	63.80	16.09
		For Work In Restricted Working Space, Add	*12.07*	
		For Elevated Installation >10' To 15', Add	*4.02*	
		For Elevated Installation >15' To 20', Add	*8.05*	
		For Elevated Installation >20' To 25', Add	*10.06*	
		For Elevated Installation >25' To 30', Add	*14.08*	
		For Elevated Installation >30' To 35', Add	*16.10*	
		For Elevated Installation >35' To 40', Add	*20.12*	
		For Elevated Installation >40', Add	*22.13*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.07*	
26 05 33 13-2674	EA	1-1/4" Type T, Set Screw, Three Hub Cast Aluminum Conduit Body With Cover	89.39	18.64
		For Work In Restricted Working Space, Add	*14.61*	
		For Elevated Installation >10' To 15', Add	*4.87*	
		For Elevated Installation >15' To 20', Add	*9.74*	
		For Elevated Installation >20' To 25', Add	*12.18*	
		For Elevated Installation >25' To 30', Add	*17.05*	
		For Elevated Installation >30' To 35', Add	*19.48*	
		For Elevated Installation >35' To 40', Add	*24.36*	
		For Elevated Installation >40', Add	*26.79*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.61*	
26 05 33 13-2675	EA	1-1/2" Type T, Set Screw, Three Hub Cast Aluminum Conduit Body With Cover	115.49	21.18
		For Work In Restricted Working Space, Add	*17.15*	
		For Elevated Installation >10' To 15', Add	*5.72*	
		For Elevated Installation >15' To 20', Add	*11.44*	
		For Elevated Installation >20' To 25', Add	*14.30*	
		For Elevated Installation >25' To 30', Add	*20.01*	
		For Elevated Installation >30' To 35', Add	*22.87*	
		For Elevated Installation >35' To 40', Add	*28.59*	
		For Elevated Installation >40', Add	*31.45*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.15*	
26 05 33 13-2676	EA	2" Type T, Set Screw, Three Hub Cast Aluminum Conduit Body With Cover	157.28	23.72
		For Work In Restricted Working Space, Add	*19.70*	
		For Elevated Installation >10' To 15', Add	*6.57*	
		For Elevated Installation >15' To 20', Add	*13.13*	
		For Elevated Installation >20' To 25', Add	*16.41*	
		For Elevated Installation >25' To 30', Add	*22.98*	
		For Elevated Installation >30' To 35', Add	*26.26*	
		For Elevated Installation >35' To 40', Add	*32.83*	
		For Elevated Installation >40', Add	*36.11*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.70*	
26 05 33 13-2677		Type C, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover *(26 05 33 13-2655)*		
26 05 33 13-2678	EA	1/2" Type C, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	32.53	8.05
		For Work In Restricted Working Space, Add	*6.04*	
		For Elevated Installation >10' To 15', Add	*2.01*	
		For Elevated Installation >15' To 20', Add	*4.02*	
		For Elevated Installation >20' To 25', Add	*5.03*	
		For Elevated Installation >25' To 30', Add	*7.04*	
		For Elevated Installation >30' To 35', Add	*8.05*	
		For Elevated Installation >35' To 40', Add	*10.06*	
		For Elevated Installation >40', Add	*11.07*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.04*	
26 05 33 13-2679	EA	3/4" Type C, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	43.60	10.59
		For Work In Restricted Working Space, Add	*7.94*	
		For Elevated Installation >10' To 15', Add	*2.65*	
		For Elevated Installation >15' To 20', Add	*5.29*	
		For Elevated Installation >20' To 25', Add	*6.62*	
		For Elevated Installation >25' To 30', Add	*9.26*	
		For Elevated Installation >30' To 35', Add	*10.59*	
		For Elevated Installation >35' To 40', Add	*13.24*	
		For Elevated Installation >40', Add	*14.56*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.94*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2680	EA	1" Type C, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	55.87	13.13
		For Work In Restricted Working Space, Add	*9.85*	
		For Elevated Installation >10' To 15', Add	*3.28*	
		For Elevated Installation >15' To 20', Add	*6.57*	
		For Elevated Installation >20' To 25', Add	*8.21*	
		For Elevated Installation >25' To 30', Add	*11.49*	
		For Elevated Installation >30' To 35', Add	*13.13*	
		For Elevated Installation >35' To 40', Add	*16.42*	
		For Elevated Installation >40', Add	*18.06*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.85*	
26 05 33 13-2681	EA	1-1/4" Type C, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	72.67	16.09
		For Work In Restricted Working Space, Add	*12.07*	
		For Elevated Installation >10' To 15', Add	*4.02*	
		For Elevated Installation >15' To 20', Add	*8.05*	
		For Elevated Installation >20' To 25', Add	*10.06*	
		For Elevated Installation >25' To 30', Add	*14.08*	
		For Elevated Installation >30' To 35', Add	*16.10*	
		For Elevated Installation >35' To 40', Add	*20.12*	
		For Elevated Installation >40', Add	*22.13*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.07*	
26 05 33 13-2682	EA	1-1/2" Type C, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	88.72	18.64
		For Work In Restricted Working Space, Add	*13.98*	
		For Elevated Installation >10' To 15', Add	*4.66*	
		For Elevated Installation >15' To 20', Add	*9.32*	
		For Elevated Installation >20' To 25', Add	*11.65*	
		For Elevated Installation >25' To 30', Add	*16.31*	
		For Elevated Installation >30' To 35', Add	*18.64*	
		For Elevated Installation >35' To 40', Add	*23.30*	
		For Elevated Installation >40', Add	*25.62*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.98*	
26 05 33 13-2683	EA	2" Type C, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	137.08	21.18
		For Work In Restricted Working Space, Add	*15.88*	
		For Elevated Installation >10' To 15', Add	*5.29*	
		For Elevated Installation >15' To 20', Add	*10.59*	
		For Elevated Installation >20' To 25', Add	*13.24*	
		For Elevated Installation >25' To 30', Add	*18.53*	
		For Elevated Installation >30' To 35', Add	*21.18*	
		For Elevated Installation >35' To 40', Add	*26.47*	
		For Elevated Installation >40', Add	*29.12*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.88*	

26 05 33 13-2684 Aluminum Type LB Telecommunications Conduit Bodies With Cover (Smart Pathways) *(26 05 33 13-2542)*

26 05 33 13-2685	EA	3/4" To 1-1/4" Aluminum Type LB Telecommunications Conduit Body With Cover (Smart Pathways KBLB120)	159.18	23.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.41*	
26 05 33 13-2686	EA	1-1/2" To 2-1/2" Aluminum Type LB Telecommunications Conduit Body With Cover (Smart Pathways KBLB250)	604.64	42.88
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*32.18*	
26 05 33 13-2687	EA	3" To 4" Aluminum Type LB Telecommunications Conduit Body With Cover (Smart Pathways KBLB400)	1,162.08	87.04
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*65.28*	

26 05 33 13-2688 Replacement Covers And Gaskets For Conduit Body *(26 05 33 13-2542)*

26 05 33 13-2689 Replacement Stamped Aluminum Conduit Body Cover *(26 05 33 13-2688)*

26 05 33 13-2690	EA	1/2" Replacement Stamped Aluminum Conduit Body Cover	11.39	4.13
26 05 33 13-2691	EA	3/4" Replacement Stamped Aluminum Conduit Body Cover	14.01	4.82
26 05 33 13-2692	EA	1" Replacement Stamped Aluminum Conduit Body Cover	17.94	6.20
26 05 33 13-2693	EA	1-1/4" Replacement Stamped Aluminum Conduit Body Cover	21.82	7.57
26 05 33 13-2694	EA	1-1/2" Replacement Stamped Aluminum Conduit Body Cover	26.95	8.94
26 05 33 13-2695	EA	2" Replacement Stamped Aluminum Conduit Body Cover	32.04	10.33
26 05 33 13-2696	EA	2-1/2" Replacement Stamped Aluminum Conduit Body Cover	43.12	11.70
26 05 33 13-2697	EA	3" Replacement Stamped Aluminum Conduit Body Cover	55.09	16.51
26 05 33 13-2698	EA	3-1/2" Replacement Stamped Aluminum Conduit Body Cover	59.77	18.58
26 05 33 13-2699	EA	4" Replacement Stamped Aluminum Conduit Body Cover	75.32	23.40

26 05 33 13-2700 Replacement Cast Steel Conduit Body Cover *(26 05 33 13-2688)*

26 05 33 13-2701	EA	1/2" Replacement Cast Steel Conduit Body Cover	13.52	4.13
26 05 33 13-2702	EA	3/4" Replacement Cast Steel Conduit Body Cover	15.87	4.82
26 05 33 13-2703	EA	1" Replacement Cast Steel Conduit Body Cover	22.52	6.20
26 05 33 13-2704	EA	1-1/4" Replacement Cast Steel Conduit Body Cover	28.02	7.57
26 05 33 13-2705	EA	1-1/2" Replacement Cast Steel Conduit Body Cover	34.17	8.94
26 05 33 13-2706	EA	2" Replacement Cast Steel Conduit Body Cover	40.30	10.33
26 05 33 13-2707	EA	2-1/2" Replacement Cast Steel Conduit Body Cover	46.40	11.70
26 05 33 13-2708	EA	3" Replacement Cast Steel Conduit Body Cover	62.84	16.51
26 05 33 13-2709	EA	3-1/2" Replacement Cast Steel Conduit Body Cover	71.97	18.58
26 05 33 13-2710	EA	4" Replacement Cast Steel Conduit Body Cover	90.76	23.40

26 05 33 13-2711 Replacement Velbuna Composition Conduit Body Gasket *(26 05 33 13-2688)*

26 05 33 13-2712	EA	1/2" Replacement Velbuna Composition Conduit Body Gasket	10.43	4.13
26 05 33 13-2713	EA	3/4" Replacement Velbuna Composition Conduit Body Gasket	11.88	4.82

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2714	EA	1" Replacement Velbuna Composition Conduit Body Gasket	15.56	6.20
26 05 33 13-2715	EA	1-1/4" Replacement Velbuna Composition Conduit Body Gasket	20.38	7.57
26 05 33 13-2716	EA	1-1/2" Replacement Velbuna Composition Conduit Body Gasket	23.14	8.94
26 05 33 13-2717	EA	2" Replacement Velbuna Composition Conduit Body Gasket	27.64	10.33
26 05 33 13-2718	EA	2-1/2" Replacement Velbuna Composition Conduit Body Gasket	37.10	11.70
26 05 33 13-2719	EA	3" Replacement Velbuna Composition Conduit Body Gasket	47.58	16.51
26 05 33 13-2720	EA	3-1/2" Replacement Velbuna Composition Conduit Body Gasket	52.65	18.58
26 05 33 13-2721	EA	4" Replacement Velbuna Composition Conduit Body Gasket	62.18	23.40

26 05 33 13-2722 Replacement Neoprene Conduit Body Gasket *(26 05 33 13-2688)*

26 05 33 13-2723	EA	1/2" Replacement Neoprene Conduit Body Gasket	11.91	4.13
26 05 33 13-2724	EA	3/4" Replacement Neoprene Conduit Body Gasket	13.29	4.82
26 05 33 13-2725	EA	1" Replacement Neoprene Conduit Body Gasket	17.41	6.20
26 05 33 13-2726	EA	1-1/4" Replacement Neoprene Conduit Body Gasket	21.33	7.57
26 05 33 13-2727	EA	1-1/2" Replacement Neoprene Conduit Body Gasket	24.09	8.94
26 05 33 13-2728	EA	2" Replacement Neoprene Conduit Body Gasket	27.74	10.33
26 05 33 13-2729	EA	2-1/2" Replacement Neoprene Conduit Body Gasket	37.33	11.70
26 05 33 13-2730	EA	3" Replacement Neoprene Conduit Body Gasket	47.81	16.51
26 05 33 13-2731	EA	3-1/2" Replacement Neoprene Conduit Body Gasket	54.23	18.58
26 05 33 13-2732	EA	4" Replacement Neoprene Conduit Body Gasket	63.76	23.40

26 05 33 13-2733 Cutting Knockouts In-Place Metal Boxes Or Enclosures *(26 05 33 13-0058)*

Note: For use when connecting conduit to an existing in-place system.

26 05 33 13-2734	EA	1/2", Cutting Knockouts In-Place Metal Boxes Or Enclosures	17.53	
		For Work In Restricted Working Space, Add	*5.26*	
26 05 33 13-2735	EA	3/4", Cutting Knockouts In-Place Metal Boxes Or Enclosures	19.74	
		For Work In Restricted Working Space, Add	*5.92*	
26 05 33 13-2736	EA	1", Cutting Knockouts In-Place Metal Boxes Or Enclosures	23.22	
		For Work In Restricted Working Space, Add	*6.97*	
26 05 33 13-2737	EA	1-1/4", Cutting Knockouts In-Place Metal Boxes Or Enclosures	25.77	
		For Work In Restricted Working Space, Add	*7.73*	
26 05 33 13-2738	EA	1-1/2", Cutting Knockouts In-Place Metal Boxes Or Enclosures	29.03	
		For Work In Restricted Working Space, Add	*8.71*	
26 05 33 13-2739	EA	2", Cutting Knockouts In-Place Metal Boxes Or Enclosures	34.37	
		For Work In Restricted Working Space, Add	*10.31*	
26 05 33 13-2740	EA	2-1/2", Cutting Knockouts In-Place Metal Boxes Or Enclosures	40.63	
		For Work In Restricted Working Space, Add	*12.19*	
26 05 33 13-2741	EA	3", Cutting Knockouts In-Place Metal Boxes Or Enclosures	46.44	
		For Work In Restricted Working Space, Add	*13.93*	
26 05 33 13-2742	EA	3-1/2", Cutting Knockouts In-Place Metal Boxes Or Enclosures	52.25	
		For Work In Restricted Working Space, Add	*15.68*	
26 05 33 13-2743	EA	4", Cutting Knockouts In-Place Metal Boxes Or Enclosures	58.05	
		For Work In Restricted Working Space, Add	*17.42*	

26 05 33 16 Boxes for Electrical Systems *(26 05 33)*

See CSI section 26 27 16 00-0000 for larger junction boxes and enclosures.

26 05 33 16-0001 Steel Junction, Device, And Fixture Boxes, Rings And Covers *(26 05 33 16)*

Note: Thin wall metal. See CSI section 26 27 26 00-0003 for steel box/receptacle assemblies, 26 27 26 00-0126 for steel box/switch assemblies.

26 05 33 16-0002 4" Square Steel Boxes, Rings And Covers *(26 05 33 16-0001)*

26 05 33 16-0003	EA	1-1/2" Depth, 4" Square Steel Box	37.84	17.39
		For Stud Bracket, Add	*0.75*	
26 05 33 16-0004	EA	2-1/8" Depth, 4" Square Steel Box	39.23	17.39
		For Stud Bracket, Add	*1.35*	
26 05 33 16-0005	EA	3-1/2" Depth, 4" Square Steel Box	44.01	17.39
		For Stud Bracket, Add	*1.47*	
26 05 33 16-0006	EA	1-1/2" Depth, 4" Square Steel Extension Ring	30.00	11.59
26 05 33 16-0007	EA	2-1/8" Depth, 4" Square Steel Extension Ring	25.16	11.59
26 05 33 16-0008	EA	1/2" Depth, 1 Gang, 4" Square Steel Mud Ring	13.05	5.79
26 05 33 16-0009	EA	5/8" Depth, 1 Gang, 4" Square Steel Mud Ring	13.27	5.79
26 05 33 16-0010	EA	3/4" Depth, 1 Gang, 4" Square Steel Mud Ring	13.43	5.79
26 05 33 16-0011	EA	1" Depth, 1 Gang, 4" Square Steel Mud Ring	13.95	5.79
26 05 33 16-0012	EA	1-1/4" Depth, 1 Gang, 4" Square Steel Mud Ring	14.10	5.79
26 05 33 16-0013	EA	1-1/2" Depth, 1 Gang, 4" Square Steel Mud Ring	15.76	5.79
26 05 33 16-0014	EA	1/2" Depth, 2 Gang, 4" Square Steel Mud Ring	13.68	5.79
26 05 33 16-0015	EA	5/8" Depth, 2 Gang, 4" Square Steel Mud Ring	13.84	5.79
26 05 33 16-0016	EA	3/4" Depth, 2 Gang, 4" Square Steel Mud Ring	14.04	5.79
26 05 33 16-0017	EA	1" Depth, 2 Gang, 4" Square Steel Mud Ring	15.73	5.79
26 05 33 16-0018	EA	1-1/4" Depth, 2 Gang, 4" Square Steel Mud Ring	16.08	5.79
26 05 33 16-0019	EA	1-1/2" Depth, 2 Gang, 4" Square Steel Mud Ring	18.23	5.79
26 05 33 16-0020	EA	3/4" Depth, Fixture Cover, 4" Square Mud Rings	14.50	5.79
26 05 33 16-0021	EA	1" Depth, Fixture Cover, 4" Square Mud Rings	15.87	5.79
26 05 33 16-0022	EA	One Toggle Switch, 4" Square Steel Exposed Work Cover	13.65	5.79
26 05 33 16-0023	EA	Two Toggle Switches, 4" Square Steel Exposed Work Cover	13.78	5.79
26 05 33 16-0024	EA	One Duplex Receptacle, 4" Square Steel Exposed Work Cover	13.62	5.79
26 05 33 16-0025	EA	Two Duplex Receptacles, 4" Square Steel Exposed Work Cover	13.99	5.79
26 05 33 16-0026	EA	One Toggle Switch And One Duplex Receptacle, 4" Square Steel Exposed Work Cover	14.29	5.79
26 05 33 16-0027	EA	One Toggle Switch And One 1.406" Diameter Receptacle, 4" Square Steel Exposed Work Cover	18.09	5.79

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 16-0028	EA	One 1.406" Diameter Receptacle, 4" Square Steel Exposed Work Cover	14.24	5.79
26 05 33 16-0029	EA	Two 1.406" Diameter Receptacles, 4" Square Steel Exposed Work Cover	18.09	5.79
26 05 33 16-0030	EA	One 1.620" Diameter Receptacle, 4" Square Steel Exposed Work Cover	14.24	5.79
26 05 33 16-0031	EA	One 1.719" Diameter Receptacle, 4" Square Steel Exposed Work Cover	15.13	5.79
26 05 33 16-0032	EA	One 2.165" Diameter Receptacle, 4" Square Steel Exposed Work Cover	18.09	5.79
26 05 33 16-0033	EA	One 2.480" Diameter Receptacle, 4" Square Steel Exposed Work Cover	18.09	5.79
26 05 33 16-0034	EA	Flat, 4" Square Steel Exposed Work Cover	12.57	5.79
26 05 33 16-0035		**4-11/16" Square Steel Boxes, Rings And Covers** *(26 05 33 16-0001)*		
26 05 33 16-0036	EA	1-1/2" Depth, 4-11/16" Square Steel Box	42.99	17.39
26 05 33 16-0037	EA	2-1/8" Depth, 4-11/16" Square Steel Box	39.84	17.39
		For Stud Bracket, Add	*0.71*	
26 05 33 16-0038	EA	3-1/4" Depth, 4-11/16" Square Steel Box	55.66	17.39
26 05 33 16-0039	EA	1-1/2" Depth, 4-11/16" Square Extension Ring	31.31	11.59
26 05 33 16-0040	EA	2-1/8" Depth, 4-11/16" Square Extension Ring	32.09	11.59
26 05 33 16-0041	EA	1/2" Depth, 1 Gang, 4-11/16" Square Steel Mud Ring	16.20	5.79
26 05 33 16-0042	EA	5/8" Depth, 1 Gang, 4-11/16" Square Steel Mud Ring	16.24	5.79
26 05 33 16-0043	EA	3/4" Depth, 1 Gang, 4-11/16" Square Steel Mud Ring	17.58	5.79
26 05 33 16-0044	EA	1" Depth, 1 Gang, 4-11/16" Square Steel Mud Ring	17.04	5.79
26 05 33 16-0045	EA	1-1/4" Depth, 1 Gang, 4-11/16" Square Steel Mud Ring	16.92	5.79
26 05 33 16-0046	EA	1-1/2" Depth, 1 Gang, 4-11/16" Square Steel Mud Ring	22.51	5.79
26 05 33 16-0047	EA	1/2" Depth, 2 Gang, 4-11/16" Square Steel Mud Ring	17.27	5.79
26 05 33 16-0048	EA	5/8" Depth, 2 Gang, 4-11/16" Square Steel Mud Ring	17.56	5.79
26 05 33 16-0049	EA	3/4" Depth, 2 Gang, 4-11/16" Square Steel Mud Ring	17.58	5.79
26 05 33 16-0050	EA	1" Depth, 2 Gang, 4-11/16" Square Steel Mud Ring	19.56	5.79
26 05 33 16-0051	EA	1-1/4" Depth, 2 Gang, 4-11/16" Square Steel Mud Ring	19.97	5.79
26 05 33 16-0052	EA	1-1/2" Depth, 2 Gang, 4-11/16" Square Steel Mud Ring	24.76	5.79
26 05 33 16-0053	EA	1/2" Depth, Fixture Cover, 4-11/16" Square Steel Mud Ring	17.01	5.79
26 05 33 16-0054	EA	5/8" Depth, Fixture Cover, 4-11/16" Square Steel Mud Ring	17.15	5.79
26 05 33 16-0055	EA	One Toggle Switch, 4-11/16" Square Steel Exposed Work Cover	20.86	5.79
26 05 33 16-0056	EA	Two Toggle Switches, 4-11/16" Square Steel Exposed Work Cover	21.90	5.79
26 05 33 16-0057	EA	One Duplex Receptacle, 4-11/16" Square Steel Exposed Work Cover	20.55	5.79
26 05 33 16-0058	EA	Two Duplex Receptacles, 4-11/16" Square Steel Exposed Work Cover	19.42	5.79
26 05 33 16-0059	EA	One Toggle Switch And One Duplex Receptacle, 4-11/16" Square Steel Exposed Work Cover	23.21	5.79
26 05 33 16-0060	EA	One 1.594" Diameter Receptacle, 4-11/16" Square Steel Exposed Work Cover	21.89	5.79
26 05 33 16-0061	EA	One 2.141" Diameter Receptacle, 4-11/16" Square Steel Exposed Work Cover	21.89	5.79
26 05 33 16-0062	EA	One 2.625" Diameter Receptacle, 4-11/16" Square Steel Exposed Work Cover	21.89	5.79
26 05 33 16-0063	EA	Flat, 4-11/16" Square Steel Exposed Work Cover	13.42	5.79
26 05 33 16-0064		**Steel Square Box Brackets** *(26 05 33 16-0001)*		
26 05 33 16-0065	EA	16" Or 24" Width Box Bracket, For Multiple 1-1/2" And 2-1/8" Deep Boxes	18.83	8.70
26 05 33 16-0066	EA	Single Box Bracket, One 4" Or 4-11/16" Square Box	13.79	5.80
26 05 33 16-0067	EA	16" Box Bracket, Up To Three 4" Or 4-11/16" Square Boxes	22.19	8.70
26 05 33 16-0068	EA	24" Box Bracket, Up To Four 4" Or 4-11/16" Square Boxes	23.91	8.70
26 05 33 16-0069		**4" Octagon Steel Boxes And Covers** *(26 05 33 16-0001)*		
26 05 33 16-0070	EA	1-1/2" Depth, 4" Steel Octagon Box	31.49	14.48
		For Stud Bracket, Add	*1.83*	
26 05 33 16-0071	EA	2-1/8" Depth, 4" Steel Octagon Box	32.71	14.48
26 05 33 16-0072	EA	Flat, 4" Octagon Steel Exposed Work Cover	12.49	5.79
26 05 33 16-0073		**4" Steel Octagonal Concrete Rings And Steel Covers** *(26 05 33 16-0001)*		
		Note: Placed in concrete slabs or walls.		
26 05 33 16-0074	EA	2" Depth, 4" Steel Octagonal Concrete Ring	51.87	
26 05 33 16-0075	EA	2-1/2" Depth, 4" Steel Octagonal Concrete Ring	55.10	
26 05 33 16-0076	EA	3" Depth, 4" Steel Octagonal Concrete Ring	57.65	
26 05 33 16-0077	EA	3-1/2" Depth, 4" Steel Octagonal Concrete Ring	60.12	
26 05 33 16-0078	EA	4" Depth, 4" Steel Octagonal Concrete Ring	65.80	
26 05 33 16-0079	EA	5" Depth, 4" Steel Octagonal Concrete Ring	71.68	
26 05 33 16-0080	EA	6" Depth, 4" Steel Octagonal Concrete Ring	76.23	
26 05 33 16-0081	EA	Flat, 4" Steel Octagonal Concrete Cover	14.17	5.79
26 05 33 16-0082		**4-1/2" Steel Gang Boxes** *(26 05 33 16-0001)*		
26 05 33 16-0083	EA	2 Device, 1-5/8" Depth, 4-1/2" Steel Gang Box	48.75	14.48
26 05 33 16-0084	EA	3 Device, 1-5/8" Depth, 4-1/2" Steel Gang Box	53.57	15.65
26 05 33 16-0085	EA	4 Device, 1-5/8" Depth, 4-1/2" Steel Gang Box	64.59	17.39
26 05 33 16-0086	EA	5 Device, 1-5/8" Depth, 4-1/2" Steel Gang Box	84.75	19.12
26 05 33 16-0087	EA	6 Device, 1-5/8" Depth, 4-1/2" Steel Gang Box	126.63	20.86
26 05 33 16-0088	EA	2 Device, 2-1/2" Depth, 4-1/2" Steel Gang Box	67.56	14.48
26 05 33 16-0089	EA	3 Device, 2-1/2" Depth, 4-1/2" Steel Gang Box	73.62	15.65
26 05 33 16-0090	EA	4 Device, 2-1/2" Depth, 4-1/2" Steel Gang Box	98.45	17.39
26 05 33 16-0091	EA	5 Device, 2-1/2" Depth, 4-1/2" Steel Gang Box	126.85	19.12
26 05 33 16-0092	EA	6 Device, 2-1/2" Depth, 4-1/2" Steel Gang Box	209.87	20.86
26 05 33 16-0093	EA	2 Device, Gang Box Mud Ring	21.38	5.79
26 05 33 16-0094	EA	3 Device, Gang Box Mud Ring	21.69	5.79

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 16-0095	EA	4 Device, Gang Box Mud Ring	25.32	5.79
26 05 33 16-0096	EA	5 Device, Gang Box Mud Ring	31.55	5.79
26 05 33 16-0097	EA	6 Device, Gang Box Mud Ring	45.23	5.79
26 05 33 16-0098	EA	2 Device, Gang Box Flat Cover	18.26	5.79
26 05 33 16-0099	EA	3 Device, Gang Box Flat Cover	21.66	5.79
26 05 33 16-0100	EA	4 Device, Gang Box Flat Cover	26.16	5.79
26 05 33 16-0101	EA	5 Device, Gang Box Flat Cover	31.90	5.79
26 05 33 16-0102	EA	6 Device, Gang Box Flat Cover	46.19	5.79
26 05 33 16-0103		**Steel Switch Boxes** *(26 05 33 16-0001)*		
26 05 33 16-0104	EA	2-1/2" Depth, 3" x 2", Stud Bracket, Steel Switch Box	33.84	14.48
26 05 33 16-0105	EA	2-3/4" Depth, 3" x 2", Stud Bracket, Steel Switch Box	34.36	14.48
26 05 33 16-0106	EA	3-1/2" Depth, 3" x 2", Stud Bracket, Steel Switch Box	37.08	14.48
26 05 33 16-0107	EA	2-1/2" Depth, 2 Device, Stud Bracket, Steel Box	43.18	14.48
26 05 33 16-0108	EA	2-1/2" Depth, 3 Device, Stud Bracket, Steel Box	43.71	14.48
26 05 33 16-0109	EA	2-1/2" Depth, 4 Device, Stud Bracket, Steel Box	51.98	14.48
26 05 33 16-0110		**4" x 2" Steel Handy Boxes, Extension Rings And Covers** *(26 05 33 16-0001)*		
26 05 33 16-0111	EA	1-1/2" Deep, 4" x 2" Steel Handy Box	31.36	14.48
		For Stud Bracket, Add	*2.94*	
26 05 33 16-0112	EA	1-7/8" Deep, 4" x 2" Steel Handy Box	31.92	14.48
		For Stud Bracket, Add	*1.27*	
26 05 33 16-0113	EA	2-1/8" Deep, 4" x 2" Steel Handy Box	33.17	14.48
		For Stud Bracket, Add	*1.72*	
26 05 33 16-0114	EA	1-1/2" Deep, 4" x 2" Steel Handy Box Extension Ring	20.80	8.69
26 05 33 16-0115	EA	1-7/8" Deep, 4" x 2" Steel Handy Box Extension Ring	20.24	8.69
26 05 33 16-0116	EA	GFI Receptacle, 2" x 4" Steel Handy Box Exposed Work Cover	7.02	2.90
26 05 33 16-0117	EA	1.406" Diameter Receptacle, 4" x 2" Steel Handy Box Exposed Work Cover	7.13	2.90
26 05 33 16-0118	EA	Duplex Receptacle, 4" x 2" Steel Handy Box Exposed Work Cover	6.60	2.90
26 05 33 16-0119	EA	Toggle Switch, 4" x 2" Steel Handy Box Exposed Work Cover	6.63	2.90
26 05 33 16-0120	EA	1.594" Diameter Receptacle, 4" x 2" Steel Handy Box Exposed Work Cover	7.71	2.90
26 05 33 16-0121	EA	Flat, 2" x 4" Steel Handy Box Exposed Work Cover	6.63	2.90
26 05 33 16-0122		**3-1/2" Depth, 3-3/4" Steel Masonry Boxes** *(26 05 33 16-0001)*		
26 05 33 16-0123	EA	1 Device, 3-1/2" Depth, 3-3/4" Steel Masonry Box	47.18	20.29
26 05 33 16-0124	EA	2 Device, 3-1/2" Depth, 3-3/4" Steel Masonry Box	52.87	21.44
26 05 33 16-0125	EA	3 Device, 3-1/2" Depth, 3-3/4" Steel Masonry Box	60.68	23.18
26 05 33 16-0126	EA	4 Device, 3-1/2" Depth, 3-3/4" Steel Masonry Box	69.19	25.50
26 05 33 16-0127		**Cast Boxes** *(26 05 33 16)* Note: For flush or surface mount.		
26 05 33 16-0128		**Cast Iron Alloy Boxes** *(26 05 33 16-0127)* See CSI section 26 27 26 00-0263 for box covers.		
26 05 33 16-0129		**Shallow, Single Gang Cast Iron Alloy Boxes** *(26 05 33 16-0128)* Note: Up to 2" deep boxes.		
26 05 33 16-0130	EA	1/2" Depth, Type FS, Shallow, Single Gang Cast Iron Alloy Box Note: One hub.	101.59	34.77
26 05 33 16-0131	EA	3/4" Depth, Type FS, Shallow, Single Gang Cast Iron Alloy Box Note: One hub.	108.99	40.56
26 05 33 16-0132	EA	1" Depth, Type FS, Shallow, Single Gang Cast Iron Alloy Box Note: One hub.	128.13	49.26
26 05 33 16-0133	EA	1/2" Depth, Type FSC, Shallow, Single Gang Cast Iron Alloy Box Note: Two hub.	126.55	46.36
26 05 33 16-0134	EA	3/4" Depth, Type FSC, Shallow, Single Gang Cast Iron Alloy Box Note: Two hub.	162.38	55.06
26 05 33 16-0135	EA	1/2" Depth, Type FSL, Shallow, Single Gang Cast Iron Alloy Box Note: Two hub.	126.00	46.36
26 05 33 16-0136	EA	3/4" Depth, Type FSL, Shallow, Single Gang Cast Iron Alloy Box Note: Two hubs.	151.62	55.06
26 05 33 16-0137	EA	1/2" Depth, Type FSR, Shallow, Single Gang Cast Iron Alloy Box Note: Two hubs.	129.47	46.36
26 05 33 16-0138	EA	3/4" Depth, Type FSR, Shallow, Single Gang Cast Iron Alloy Box Note: Two hubs.	151.67	55.06
26 05 33 16-0139	EA	1/2" Depth, Type FSS, Shallow, Single Gang Cast Iron Alloy Box Note: Two hubs.	126.00	46.36
26 05 33 16-0140	EA	3/4" Depth, Type FSS, Shallow, Single Gang Cast Iron Alloy Box Note: Two hubs.	147.40	55.06
26 05 33 16-0141	EA	1/2" Depth, Type FSCA, Shallow, Single Gang Cast Iron Alloy Box Note: Three hubs.	149.76	57.95
26 05 33 16-0142	EA	3/4" Depth, Type FSCA, Shallow, Single Gang Cast Iron Alloy Box Note: Three hubs.	177.09	69.54
26 05 33 16-0143	EA	1/2" Depth, Type FSCC, Shallow, Single Gang Cast Iron Alloy Box Note: Three hubs.	156.39	57.95
26 05 33 16-0144	EA	3/4" Depth, Type FSCC, Shallow, Single Gang Cast Iron Alloy Box Note: Three hubs.	202.40	69.54
26 05 33 16-0145	EA	1/2" Depth, Type FSCT, Shallow, Single Gang Cast Iron Alloy Box Note: Three hubs.	160.73	57.95

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 16-0146	EA	3/4" Depth, Type FSCT, Shallow, Single Gang Cast Iron Alloy Box Note: Three hubs.	191.99	69.54
26 05 33 16-0147	EA	1/2" Depth, Type FST, Shallow, Single Gang Cast Iron Alloy Box Note: Three hubs.	149.19	57.95
26 05 33 16-0148	EA	3/4" Depth, Type FST, Shallow, Single Gang Cast Iron Alloy Box Note: Three hubs.	194.92	69.54
26 05 33 16-0149	EA	1/2" Depth, Type FSX, Shallow, Single Gang Cast Iron Alloy Box Note: Four hubs.	190.79	69.54
26 05 33 16-0150	EA	3/4" Depth, Type FSX, Shallow, Single Gang Cast Iron Alloy Box Note: Four hubs.	230.16	84.03
26 05 33 16-0151		**Deep, Single Gang Cast Iron Alloy Boxes** *(26 05 33 16-0128)* Note: >2" deep boxes.		
26 05 33 16-0152	EA	1/2" Depth, Type FD, Deep, Single Gang Cast Iron Alloy Box Note: One hub.	106.48	34.77
26 05 33 16-0153	EA	3/4" Depth, Type FD, Deep, Single Gang Cast Iron Alloy Box Note: One hub.	122.55	40.56
26 05 33 16-0154	EA	1" Depth, Type FD, Deep, Single Gang Cast Iron Alloy Box Note: One hub.	143.78	49.26
26 05 33 16-0155	EA	1/2" Depth, Type FDC, Deep, Single Gang Cast Iron Alloy Box Note: Two hubs.	135.49	46.36
26 05 33 16-0156	EA	3/4" Depth, Type FDC, Deep, Single Gang Cast Iron Alloy Box Note: Two hubs.	156.22	55.06
26 05 33 16-0157	EA	1" Depth, Type FDC, Deep, Single Gang Cast Iron Alloy Box Note: Two hubs.	187.71	66.64
26 05 33 16-0158	EA	3/4" Depth, Type FDS, Deep, Single Gang Cast Iron Alloy Box Note: Two hubs.	168.40	55.06
26 05 33 16-0159	EA	3/4" Depth, Type FDCC, Deep, Single Gang Cast Iron Alloy Box Note: Three hubs.	216.83	69.54
26 05 33 16-0160		**Shallow, Two Gang Cast Iron Alloy Boxes** *(26 05 33 16-0128)* Note: Up to 2" deep boxes.		
26 05 33 16-0161	EA	1/2" Depth, Type FS, Shallow, Two Gang Cast Iron Alloy Box Note: One hub.	122.76	37.67
26 05 33 16-0162	EA	3/4" Depth, Type FS, Shallow, Two Gang Cast Iron Alloy Box Note: One hub.	135.80	43.46
26 05 33 16-0163	EA	1" Depth, Type FS, Shallow, Two Gang Cast Iron Alloy Box Note: One hub.	157.53	52.16
26 05 33 16-0164	EA	1/2" Depth, Type FSC, Shallow, Two Gang Cast Iron Alloy Box Note: Two hubs.	148.29	49.26
26 05 33 16-0165	EA	3/4" Depth, Type FSC, Shallow, Two Gang Cast Iron Alloy Box Note: Two hubs.	168.19	57.95
26 05 33 16-0166		**Deep, Two Gang Cast Iron Alloy Boxes** *(26 05 33 16-0128)* Note: >2" deep boxes.		
26 05 33 16-0167	EA	1/2" Depth, Type FD, Deep, Two Gang Cast Iron Alloy Box Note: One hub.	137.43	37.67
26 05 33 16-0168	EA	3/4" Depth, Type FD, Deep, Two Gang Cast Iron Alloy Box Note: One hub.	149.60	43.46
26 05 33 16-0169	EA	1/2" Depth, Type FDC, Deep, Two Gang Cast Iron Alloy Box Note: Two hubs.	170.38	49.26
26 05 33 16-0170	EA	3/4" Depth, Type FDC, Deep, Two Gang Cast Iron Alloy Box Note: Two hubs.	191.52	57.95
26 05 33 16-0171		**Cast Aluminum Boxes** *(26 05 33 16-0127)* See CSI section 26 27 26 00-0263 for box covers.		
26 05 33 16-0172		**Shallow, Single Gang Cast Aluminum Boxes** *(26 05 33 16-0171)* Note: Up to 2" deep boxes.		
26 05 33 16-0173	EA	1/2" Depth, Type FS, Shallow, Single Gang Cast Aluminum Box Note: One hub.	90.00	28.98
26 05 33 16-0174	EA	3/4" Depth, Type FS, Shallow, Single Gang Cast Aluminum Box Note: One hub.	102.87	34.77
26 05 33 16-0175	EA	1" Depth, Type FS, Shallow, Single Gang Cast Aluminum Box Note: One hub.	113.73	43.46
26 05 33 16-0176	EA	1/2" Depth, Type FSA, Shallow, Single Gang Cast Aluminum Box Note: One hub.	84.31	28.98
26 05 33 16-0177	EA	3/4" Depth, Type FSA, Shallow, Single Gang Cast Aluminum Box Note: One hub.	106.89	34.77
26 05 33 16-0178	EA	1/2" Depth, Type FSC, Shallow, Single Gang Cast Aluminum Box Note: Two hubs.	113.73	40.56
26 05 33 16-0179	EA	3/4" Depth, Type FSC, Shallow, Single Gang Cast Aluminum Box Note: Two hubs.	136.58	49.26
26 05 33 16-0180	EA	1" Depth, Type FSC, Shallow, Single Gang Cast Aluminum Box Note: Two hubs.	171.51	60.85
26 05 33 16-0181	EA	1/2" Depth, Type FSL, Shallow, Single Gang Cast Aluminum Box Note: Two hubs.	123.64	40.56
26 05 33 16-0182	EA	3/4" Depth, Type FSL, Shallow, Single Gang Cast Aluminum Box Note: Two hubs.	131.76	49.26

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 16-0183	EA	1/2" Depth, Type FSLB, Shallow, Single Gang Cast Aluminum Box Note: Two hubs.	118.01	40.56
26 05 33 16-0184	EA	3/4" Depth, Type FSLB, Shallow, Single Gang Cast Aluminum Box Note: Two hubs.	135.12	49.26
26 05 33 16-0185	EA	1/2" Depth, Type FSR, Shallow, Single Gang Cast Aluminum Box Note: Two hubs.	114.37	40.56
26 05 33 16-0186	EA	3/4" Depth, Type FSR, Shallow, Single Gang Cast Aluminum Box Note: Two hubs.	135.12	49.26
26 05 33 16-0187	EA	1/2" Depth, Type FSS, Shallow, Single Gang Cast Aluminum Box Note: Two hubs.	105.97	40.56
26 05 33 16-0188	EA	3/4" Depth, Type FSS, Shallow, Single Gang Cast Aluminum Box Note: Two hubs.	144.05	49.26
26 05 33 16-0189	EA	1/2" Depth, Type FSCA, Shallow, Single Gang Cast Aluminum Box Note: Three hubs.	134.94	52.16
26 05 33 16-0190	EA	3/4" Depth, Type FSCA, Shallow, Single Gang Cast Aluminum Box Note: Three hubs.	163.91	63.75
26 05 33 16-0191	EA	1/2" Depth, Type FSCC, Shallow, Single Gang Cast Aluminum Box Note: Three hubs.	143.65	52.16
26 05 33 16-0192	EA	3/4" Depth, Type FSCC, Shallow, Single Gang Cast Aluminum Box Note: Three hubs.	194.07	63.75
26 05 33 16-0193	EA	1/2" Depth, Type FSCT, Shallow, Single Gang Cast Aluminum Box Note: Three hubs.	142.92	52.16
26 05 33 16-0194	EA	3/4" Depth, Type FSCT, Shallow, Single Gang Cast Aluminum Box Note: Three hubs.	175.39	63.75
26 05 33 16-0195	EA	3/4" Depth, Type FST, Shallow, Single Gang Cast Aluminum Box Note: Three hubs.	177.97	63.75
26 05 33 16-0196	EA	1/2" Depth, Type FSX, Shallow, Single Gang Cast Aluminum Box Note: Four hubs.	174.25	63.75
26 05 33 16-0197	EA	3/4" Depth, Type FSX, Shallow, Single Gang Cast Aluminum Box Note: Four hubs.	212.65	78.23
26 05 33 16-0198		**Deep, Single Gang Cast Aluminum Boxes** *(26 05 33 16-0171)* Note: >2" deep boxes.		
26 05 33 16-0199	EA	1/2" Depth, Type FD, Deep, Single Gang Cast Aluminum Box Note: One hub.	100.10	28.98
26 05 33 16-0200	EA	3/4" Depth, Type FD, Deep, Single Gang Cast Aluminum Box Note: One hub.	119.91	34.77
26 05 33 16-0201	EA	1" Depth, Type FD, Deep, Single Gang Cast Aluminum Box Note: One hub.	137.16	43.46
26 05 33 16-0202	EA	3/4" Depth, Type FDA, Deep, Single Gang Cast Aluminum Box Note: One hub.	129.13	34.77
26 05 33 16-0203	EA	1/2" Depth, Type FDC, Deep, Single Gang Cast Aluminum Box Note: Two hubs.	126.79	40.56
26 05 33 16-0204	EA	3/4" Depth, Type FDC, Deep, Single Gang Cast Aluminum Box Note: Two hubs.	152.61	49.26
26 05 33 16-0205	EA	1" Depth, Type FDC, Deep, Single Gang Cast Aluminum Box Note: Two hubs.	170.00	60.85
26 05 33 16-0206	EA	3/4" Depth, Type FDS, Deep, Single Gang Cast Aluminum Box Note: Two hubs.	154.75	49.26
26 05 33 16-0207	EA	3/4" Depth, Type FDCC, Deep, Single Gang Cast Aluminum Box Note: Three hubs.	188.85	63.75
26 05 33 16-0208		**Shallow, Two Gang Cast Aluminum Boxes** *(26 05 33 16-0171)* Note: Up to 2" deep boxes.		
26 05 33 16-0209	EA	1/2" Depth, Type FS, Shallow, Two Gang Cast Aluminum Box Note: One hub.	120.04	31.87
26 05 33 16-0210	EA	3/4" Depth, Type FS, Shallow, Two Gang Cast Aluminum Box Note: One hub.	137.32	37.67
26 05 33 16-0211	EA	1" Depth, Type FS, Shallow, Two Gang Cast Aluminum Box Note: One hub.	146.75	46.36
26 05 33 16-0212	EA	1/2" Depth, Type FSC, Shallow, Two Gang Cast Aluminum Box Note: Two hubs.	149.60	43.46
26 05 33 16-0213	EA	3/4" Depth, Type FSC, Shallow, Two Gang Cast Aluminum Box Note: Two hubs.	151.62	52.16
26 05 33 16-0214	EA	1" Depth, Type FSC, Shallow, Two Gang Cast Aluminum Box Note: Two hubs.	187.38	63.75
26 05 33 16-0215		**Deep, Two Gang Cast Aluminum Boxes** *(26 05 33 16-0171)* Note: >2" deep boxes.		
26 05 33 16-0216	EA	1/2" Depth, Type FD, Deep, Two Gang Cast Aluminum Box Note: One hub.	119.93	31.87
26 05 33 16-0217	EA	3/4" Depth, Type FD, Deep, Two Gang Cast Aluminum Box Note: One hub.	138.69	37.67
26 05 33 16-0218	EA	1/2" Depth, Type FDC, Deep, Two Gang Cast Aluminum Box Note: Two hubs.	152.75	43.46
26 05 33 16-0219	EA	3/4" Depth, Type FDC, Deep, Two Gang Cast Aluminum Box Note: Two hubs.	172.74	52.16
26 05 33 16-0220	EA	1/2" Depth, Type FDC, Deep, Two Gang Cast Aluminum Box Note: Two hubs.	152.75	43.46
26 05 33 16-0221	EA	3/4" Depth, Type FDC, Deep, Two Gang Cast Aluminum Box Note: Two hubs.	172.74	52.16

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 16-0222		**Shallow, Three Gang Cast Aluminum Boxes** *(26 05 33 16-0171)*		
		Note: Up to 2" deep boxes.		
26 05 33 16-0223	EA	1/2" Depth, Type FSC, Shallow, Three Gang Cast Aluminum Box	160.23	46.36
		Note: Two hubs.		
26 05 33 16-0224	EA	3/4" Depth, Type FSC, Shallow, Three Gang Cast Aluminum Box	179.40	55.06
		Note: Two hubs.		
26 05 33 16-0225		**Deep, Three Gang Cast Aluminum Boxes** *(26 05 33 16-0171)*		
		Note: >2" deep boxes.		
26 05 33 16-0226	EA	3/4" Depth, Type FD, Deep, Three Gang Cast Aluminum Box	184.17	40.56
		Note: One hub.		
26 05 33 16-0227	EA	1" Depth, Type FD, Deep, Three Gang Cast Aluminum Box	204.80	49.26
		Note: One hub.		
26 05 33 16-0228		**Cast Aluminum Explosion Proof Outlet Bodies** *(26 05 33 16-0127)*		
		Note: Class I, Div. 1 & 2; Class II, Div. 1 & 2; and Class III.		
26 05 33 16-0229	EA	1/2" Depth, Type GRSS, 7 Opening, Cast Aluminum Explosion Proof Outlet Body	190.03	46.36
26 05 33 16-0230	EA	3/4" Depth, Type GRSS, 7 Opening, Cast Aluminum Explosion Proof Outlet Body	236.23	52.16
26 05 33 16-0231	EA	1" Depth, Type GRSS, 7 Opening, Cast Aluminum Explosion Proof Outlet Body	214.74	57.95
26 05 33 16-0232	EA	1/2" Depth, Type GRSSA, 13 Opening, Cast Aluminum Explosion Proof Outlet Body	210.49	52.16
26 05 33 16-0233	EA	3/4" Depth, 13 Hubs, Explosion Proof Conduit Outlet Box With Cover Cast Aluminum, Type GRSSA	257.40	57.95
26 05 33 16-0234		**Non-Metallic (PVC) Boxes** *(26 05 33 16)*		
		See CSI section 26 27 26 00-0263 for box covers.		
26 05 33 16-0235		**Shallow, Single Gang Non-Metallic (PVC) Boxes** *(26 05 33 16-0234)*		
26 05 33 16-0236	EA	1/2" Depth, Type FSE, Shallow, Single Gang Non-Metallic (PVC) Box	59.95	24.34
		Note: One hub.		
26 05 33 16-0237	EA	3/4" Depth, Type FSE, Shallow, Single Gang Non-Metallic (PVC) Box	68.42	28.40
		Note: One hub.		
26 05 33 16-0238	EA	1" Depth, Type FSE, Shallow, Single Gang Non-Metallic (PVC) Box	77.62	34.48
		Note: One hub.		
26 05 33 16-0239	EA	1/2" Depth, Type FSC, Shallow, Single Gang Non-Metallic (PVC) Box	76.54	32.46
		Note: Two hubs.		
26 05 33 16-0240	EA	3/4" Depth, Type FSC, Shallow, Single Gang Non-Metallic (PVC) Box	89.86	38.54
		Note: Two hubs.		
26 05 33 16-0241	EA	1" Depth, Type FSC, Shallow, Single Gang Non-Metallic (PVC) Box	109.00	46.65
		Note: Two hubs.		
26 05 33 16-0242	EA	1/2" Depth, Type FSS, Shallow, Single Gang Non-Metallic (PVC) Box	76.83	32.46
		Note: Two hubs.		
26 05 33 16-0243	EA	3/4" Depth, Type FSS, Shallow, Single Gang Non-Metallic (PVC) Box	89.06	38.54
		Note: Two hubs.		
26 05 33 16-0244	EA	1" Depth, Type FSS, Shallow, Single Gang Non-Metallic (PVC) Box	106.28	46.65
		Note: Two hubs.		
26 05 33 16-0245	EA	1/2" Depth, Type FSCC, Shallow, Single Gang Non-Metallic (PVC) Box	97.08	40.56
		Note: Three hubs.		
26 05 33 16-0246	EA	3/4" Depth, Type FSCC, Shallow, Single Gang Non-Metallic (PVC) Box	110.15	48.68
		Note: Three hubs.		
26 05 33 16-0247	EA	1" Depth, Type FSCC, Shallow, Single Gang Non-Metallic (PVC) Box	129.50	58.83
		Note: Three hubs.		
26 05 33 16-0248		**Deep, Single Gang Non-Metallic (PVC) Boxes** *(26 05 33 16-0234)*		
26 05 33 16-0249	EA	No Hub, Type FD, Deep, Single Gang Non-Metallic (PVC) Box	60.83	24.34
		Note: No hubs.		
26 05 33 16-0250	EA	1/2" Depth, Type FDE, Deep, Single Gang Non-Metallic (PVC) Box	59.29	24.34
		Note: One hub.		
26 05 33 16-0251	EA	3/4" Depth, Type FDE, Deep, Single Gang Non-Metallic (PVC) Box	70.50	28.40
		Note: One hub.		
26 05 33 16-0252	EA	1" Depth, Type FDE, Deep, Single Gang Non-Metallic (PVC) Box	78.48	34.48
		Note: One hub.		
26 05 33 16-0253	EA	1/2" Depth, Type FDC, Deep, Single Gang Non-Metallic (PVC) Box	78.26	32.46
		Note: Two hubs.		
26 05 33 16-0254	EA	3/4" Depth, Type FDC, Deep, Single Gang Non-Metallic (PVC) Box	87.60	38.54
		Note: Two hubs.		
26 05 33 16-0255	EA	1" Depth, Type FDC, Deep, Single Gang Non-Metallic (PVC) Box	104.60	46.65
		Note: Two hubs.		
26 05 33 16-0256		**Shallow, Two Gang Non-Metallic (PVC) Boxes** *(26 05 33 16-0234)*		
26 05 33 16-0257	EA	1/2" Depth, Type FSE, Shallow, Two Gang Non-Metallic (PVC) Box	64.46	26.37
		Note: One hub.		
26 05 33 16-0258	EA	3/4" Depth, Type FSE, Shallow, Two Gang Non-Metallic (PVC) Box	73.81	30.42
		Note: One hub.		
26 05 33 16-0259	EA	1" Depth, Type FSE, Shallow, Two Gang Non-Metallic (PVC) Box	81.84	36.51
		Note: One hub.		
26 05 33 16-0260	EA	1/2" Depth, Type FSC, Shallow, Two Gang Non-Metallic (PVC) Box	78.67	34.48
		Note: Two hubs.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 16-0261	EA	3/4" Depth, Type FSC, Shallow, Two Gang Non-Metallic (PVC) Box Note: Two hubs.	97.66	40.56
26 05 33 16-0262	EA	1" Depth, Type FSC, Shallow, Two Gang Non-Metallic (PVC) Box Note: Two hubs.	115.43	48.68
26 05 33 16-0263	EA	1/2" Depth, Type FSS, Shallow, Two Gang Non-Metallic (PVC) Box Note: Two hubs.	80.71	34.48
26 05 33 16-0264	EA	3/4" Depth, Type FSS, Shallow, Two Gang Non-Metallic (PVC) Box Note: Two hubs.	103.31	40.56
26 05 33 16-0265	EA	1" Depth, Type FSS, Shallow, Two Gang Non-Metallic (PVC) Box Note: Two hubs.	110.89	48.68
26 05 33 16-0266	EA	1/2" Depth, Type FSCC, Shallow, Two Gang Non-Metallic (PVC) Box Note: Three hubs.	98.60	42.60
26 05 33 16-0267	EA	3/4" Depth, Type FSCC, Shallow, Two Gang Non-Metallic (PVC) Box Note: Three hubs.	130.71	50.71
26 05 33 16-0268	EA	1" Depth, Type FSCC, Shallow, Two Gang Non-Metallic (PVC) Box Note: Three hubs.	133.42	60.85
26 05 33 16-0269		**Poke Thru Units** *(26 05 33 16)*		
26 05 33 16-0270		**Surface Poke Thru Units** *(26 05 33 16-0269)* Note: Excludes concrete drilling. See CSI section 27 11 19 00-0122 for jacks.		
26 05 33 16-0271	EA	Single 20 Amperes, Duplex Receptacle RC3 Power And Communications Poke Thru Unit Note: Tile or carpet with brushed aluminum flange with black non-metallic cover. Excludes communication jacks. Wiremold RC3ATCAL.	502.81	43.46
26 05 33 16-0272	EA	Retrofit Kit Upgrades Existing RC3 Series Power And Communications Poke Thru Unit To Meet Scrub Water Requirements Note: Includes 20 Amp duplex receptacle. Tile or carpet with brushed aluminum flange with black non-metallic cover. Wiremold RC3KTCAL.	321.24	
26 05 33 16-0273	EA	20 Amperes, Replacement Duplex Receptacle For RC3 Series Power And Communications Poke Thru Unit Note: Wiremold RC37REC.	44.97	11.59
26 05 33 16-0274	EA	Abandonment Plate For RC3 Series Power And Communications Poke Thru Unit Note: Wiremold RC3APTCBK.	53.93	5.79
26 05 33 16-0275	EA	Four 20 Amperes, Receptacles RC4 Power And Communications Poke Thru Unit Note: Tile or carpet with brushed aluminum flange with black non-metallic cover. Excludes communication jacks. Wiremold RC4ATCAL.	568.54	46.36
26 05 33 16-0276	EA	Retrofit Kit Upgrades Existing RC4 Series Power And Communications Poke Thru Unit To Meet Scrub Water Requirements Note: Includes two 20 Amp duplex receptacles. Tile or carpet with brushed aluminum flange with black non-metallic cover. Excludes communication jacks. Wiremold RC4KTCAL.	300.87	
26 05 33 16-0277	EA	Two 20 Amperes, Replacement Duplex Receptacles For RC4 Series Power And Communications Poke Thru Unit Note: Wiremold RC4REC2.	76.95	17.39
26 05 33 16-0278	EA	Abandonment Plate For RC4 Series Power And Communications Poke Thru Unit Note: Wiremold RC4APTCBK.	53.93	5.79
26 05 33 16-0279	EA	Abandonment Plug For RC4 Series Power And Communications Poke Thru Unit Note: Wiremold ABPLUG4.	156.91	11.59
26 05 33 16-0280	EA	Four Jack RC9AMD Communications Poke Thru Unit Note: Tile or carpet with brushed aluminum flange with black non-metallic cover. Includes bezels to accept four Ortronics TracJack inserts and two Ortronics Series II inserts. Excludes communication jacks. Wiremold RC9AMDTCAL.	450.08	40.56
26 05 33 16-0281	EA	Abandonment Plate For RC9 Series Communications Poke Thru Unit Note: Wiremold RC9APTCBK.	37.57	5.79
26 05 33 16-0282	EA	Eight Jack AMD8 Communications Poke Thru Unit Note: Tile or carpet with brushed aluminum flange with black non-metallic cover. Includes bezels to accept eight Ortronics TracJack inserts and four Ortronics Series II inserts. Excludes communication jacks. Wiremold AMD8ATCAL.	448.01	40.56
26 05 33 16-0283	EA	Communication Conduit Adapter For Poke Thru Units Note: Includes two conduit connections for communication systems. Wiremold COM75.	52.14	5.79
26 05 33 16-0284		**Recessed Poke Thru Units** *(26 05 33 16-0269)* Note: Excludes concrete drilling.		
26 05 33 16-0285		**Evolution 6AT Poke Thru Units** *(26 05 33 16-0284)* Note: Excludes concrete drilling.		
26 05 33 16-0286	EA	Recessed Prewired Assembly With Surface Style Cover (Wiremold 6ATCP) Note: For carpet, tile, wood and laminate floors. For use in 6" diameter cored hole. Devices are recessed 3 1/4" below floor surface. Die-cast aluminum cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	801.81	46.36
26 05 33 16-0287	EA	Recessed Prewired Assembly With Flush Style Cover (Wiremold 6ATP) Note: For tile, wood and laminate floors. For use in 6" diameter cored hole. Devices are recessed 3 1/4" below floor surface. Die-cast aluminum cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	801.91	46.36
26 05 33 16-0288	EA	Recessed Assembly With Surface Style Cover (Wiremold 6ATC) Note: For carpet, tile, wood and laminate floors. For use in 6" diameter cored hole. Devices are recessed 3 1/4" below floor surface. Diecast aluminum cover is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	764.40	46.36
26 05 33 16-0289	EA	Recessed Assembly With Flush Style Cover (Wiremold 6AT) Note: For tile, wood or laminate floors. For use in 6" diameter cored hole. Devices are recessed 3 1/4" below floor surface. Die-cast aluminum cover is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	764.40	46.36
26 05 33 16-0290	EA	Recessed Prewired Audio/Video Assembly With Surface Style Cover (Wiremold 6ATCPA) Note: For carpet, tile, wood and laminate floors. For use in 6" diameter cored hole. Devices are recessed 3 1/4" below floor surface. Die-cast aluminum cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	801.81	46.36

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 16-0291	EA	Recessed Prewired Audio/Video Assembly With Flush Style Cover (Wiremold 6ATPA) Note: For tile, wood and laminate floors. For use in 6" diameter cored hole. Devices are recessed 3 1/4" below floor surface. Die-cast aluminum cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	801.81	46.36
26 05 33 16-0292	EA	Recessed Furniture Feed Assembly With Surface Style Cover (Wiremold 6ATCFF) Note: For carpet, tile, wood and laminate floors. For use in 6" diameter cored hole. Die-cast aluminum cover assembly provides one (1) 3/4" trade size screw plug opening and one (1) concentric 2" to 1 1/4" trade size screw plug opening and is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	732.74	46.36
26 05 33 16-0293	EA	Recessed Assembly With Disposable Plate (Wiremold 6STC) Note: Includes 6" core hole poke-thru stem assembly with a disposable plate. Devices are recessed 3 1/4" below floor surface. No cover assembly is included. No device plates are included. For use with the following cover assemblies (purchased separately): 6CTC, 6CT, and 6CFFTC Series.	460.68	43.46
26 05 33 16-0294	EA	Recessed Prewired Audio/Video Assembly With Disposable Plate (Wiremold 6STCPAV) Note: Includes 6" core hole poke-thru stem assembly with a disposable plate. Devices are recessed 3 1/4" below floor surface. No cover assembly is included. For use with the following cover assemblies(purchased separately): 6CTC and 6CT Series.	493.77	43.46
26 05 33 16-0295	EA	Recessed Prewired Assembly With Disposable Plate (Wiremold 6STCP) Note: Includes 6" core hole poke-thru stem assembly with a disposable plate. Devices are recessed 3 1/4" below floor surface. No cover assembly is included. For use with the following cover assemblies (purchased separately): 6CTC and 6CT Series.	497.04	43.46
26 05 33 16-0296	EA	6" Pre-Pour Poke-Thru Sleeve (Wiremold 6PPS) Note: Non-metallic sleeve attaches to structural decking and maintains 6" to 6-1/8" diameter cast in core hole. Unit includes three (3) attachment legs, two (2) end caps and three (3) thumb screws.	141.85	23.18
26 05 33 16-0297	EA	Surface Style Cover Assembly (Wiremold 6CTC) Note: Die-cast aluminum cover assembly. Cover assembly is available in the following finishes: black (BK), gray (GY), nickel (NK), brass (BS), and bronze (BZ). 6CTC Series cover assemblies designed for use with 6STC, 6STCP, and 6STCPAV Poke-Thru Stem Assemblies.	322.53	11.59
26 05 33 16-0298	EA	Flush Style Cover Assembly (Wiremold 6CT) Note: Die-cast aluminum cover assembly. Cover assembly is available in the following finishes: black (BK), gray (GY), nickel (NK), brass (BS), and bronze (BZ). 6CT Series cover assemblies designed for use with 6STC, 6STCP and 6STCPAV Poke-Thru Stem Assemblies. Includes one (1) 6TS Tile Shim.	322.53	11.59
26 05 33 16-0299	EA	Furniture Feed Cover Assembly (Wiremold 6CFFTC) Note: Surface style, die-cast aluminum cover assembly, with one (1) 3/4" trade size screw plug opening, and one (1) concentric 2" to 1-1/4" trade size screw plug opening. Cover assembly is available in finishes: black (BK), gray(GY), nickel (NK), brass (BS), and bronze (BZ). 6CFFTC Series Cover Assemblies designed for use with 6STC Poke- Thru Stem Assembly. Includes one (1) 3/4" and one (1) 2" trade size conduit fittings and one (1) divider to separate services.	268.29	11.59
26 05 33 16-0300	EA	Tile Shim (Wiremold 6TS) Note: Used for floor coverings greater than 5/16" The 6TS will allow the top surface of the cover to be flush with the finished floor. Includes: two (2) 1/8" thick shims and two (2) 1/16" thick shims. Up to a total of 3/8" of adjustment.	38.92	2.90
26 05 33 16-0301	EA	Device Mounting Plate (Wiremold 6AAP) Note: Device plate that will accept up to two (2) Extron® Electronics AAP style plates. For use in the center compartment only. Devices supplied by others.	19.46	5.79
26 05 33 16-0302	EA	Device Mounting Plate (Wiremold 6ACT8A) Note: Device plate that will accept up to eight (8) ports of communication devices. For use in the center compartment only. Devices supplied by others.	22.40	5.79
26 05 33 16-0303	EA	Device Mounting Plate (Wiremold 6B) Note: Device plate used to blank off center compartment, when no devices are used.	19.37	5.79
26 05 33 16-0304	EA	Device Mounting Plate (Wiremold 6DEC) Note: Device plate that will accept Decorator style devices such as 20 amperes receptacles, GFCIs, 106 adapters or A/V devices. For use in the center compartment only. Devices supplied by others.	19.43	5.79
26 05 33 16-0305	EA	Device Mounting Plate (Wiremold 6DP) Note: Device plate that will accept standard 20 amperes duplex receptacle or duplex Turnlok receptacle. For use in the center compartment only. Devices supplied by others.	19.30	5.79
26 05 33 16-0306	EA	Device Mounting Plate (Wiremold 6MAAP) Note: Device plate that will accept up to six (6) Extron® Electronics MAAP style plates. For use in the center compartment only. Devices supplied by others.	22.71	5.79
26 05 33 16-0307	EA	Device Mounting Plate (Wiremold 6MAAP2A) Note: Combination device plate that will accept up to three (3) Extron® Electronics MAAP style plates, and up to two (2) ports of communication devices. For use in the center compartment only. Devices supplied by others.	22.47	5.79
26 05 33 16-0308	EA	Mosaic Mounting Plate (Wiremold 6MOS) Note: Device plate will accept two (2) standard [45mm x 45mm] or one (1) standard [45mm x 90mm] Mosaic style device(s). Devices supplied by others.	23.00	5.79
26 05 33 16-0309	EA	Device Mounting Plate (Wiremold 6S1) Note: Receptacle opening 1 3/8". For 6" poke-thru units only.	19.02	5.79
26 05 33 16-0310	EA	Device Mounting Plate (Wiremold 6S2) Note: Receptacle opening 1 9/16". For 6" poke-thru units only.	19.03	5.79
26 05 33 16-0311	EA	Device Mounting Plate (Wiremold 6SER) Note: Device plate that will accept up to four (4) Ortronics® Series II dual modular inserts. For use in the center compartment only. Devices supplied by others.	18.78	5.79
26 05 33 16-0312	EA	Device Mounting Plate (Wiremold 6TRAC) Note: Device plate that will accept up to eight (8) Ortronics® TracJack devices. For use in the center compartment only. Devices supplied by others.	18.78	5.79
26 05 33 16-0313	EA	20 Amperes, Duplex Receptacles (Wiremold 68REC) Note: Two (2) proprietary 20 amperes duplex power receptacles with mounting plates. Designed to fit in either of the two side compartments in both the 6ATC and the 8ATC Series Poke-Thru Devices. Receptacle can be wired as a standard or isolated ground device.	44.79	8.69
26 05 33 16-0314	EA	Device Mounting Plate (Wiremold 68B) Note: Blank plate. Used to blank off either of the side compartments when no devices or cabling are to be used.	17.23	5.79
26 05 33 16-0315	EA	Device Mounting Plate (Wiremold 68MAAP) Note: Device plate that will accept up to two (2) Extron® Electronics MAAP device plates. For use in either of the two side compartments only. Not for use in the center compartment. Extron Devices supplied by others.	17.65	5.79

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26 05 33 16-0316	EA	20 Amperes, Duplex Receptacles (Wiremold 68REC-25) Note: Two (2) proprietary 20 amperes duplex power receptacles with mounting plates and 25' leads. Designed to fit in either of the two side compartments in both the 6ATC and the 8ATC Series Poke-Thru Devices. Receptacle can be wired as a standard or isolated	139.37	10.43
26 05 33 16-0317	EA	Device Mounting Plate (Wiremold 682A) Note: Device plate that will accept up to two (2) ports of communication devices. For use in either of the two side compartments only. Not for use in the center compartment. Communication devices supplied by others.	22.20	5.79
26 05 33 16-0318	EA	Bottom Housing Assembly (Wiremold 5PTHA) Note: Half-gang pass through housing assembly. Designed to allow pass through of communication cables when no conduit is required. For use on side compartments only.	23.11	5.79
26 05 33 16-0319	EA	Bottom Housing Assembly (Wiremold 5BLH) Note: Half-gang blank housing assembly. Designed to blank off compartment when no cable pass through is required. For use on side compartments only. Includes tunnels for 6" and 8" poke-thru devices.	23.76	5.79
26 05 33 16-0320	EA	Bottom Housing Assembly (Wiremold 152CHA) Note: One and a half-gang 2" trade size conduit housing assembly. Recommended for use with furniture feed devices (6ATCFF). Covers the center compartment and one of the side compartments.	36.73	11.59
26 05 33 16-0321	EA	Bottom Housing Assembly (Wiremold 575CHA) Note: Half-gang 3/4" trade size conduit housing assembly. Includes junction box attached to 3/4" trade size conduit for electrical power connections. For use on side compartments only.	42.19	14.48
26 05 33 16-0322	EA	Bottom Housing Assembly (Wiremold 175CHA) Note: One-gang 3/4" trade size conduit housing assembly. Includes junction box attached to 3/4" trade size conduit for electrical power connections.	46.40	14.48
26 05 33 16-0323	EA	Bottom Housing Assembly (Wiremold 1125CHA) Note: One-gang 1 1/4" trade size conduit housing assembly.	35.31	11.59
26 05 33 16-0324	EA	Bottom Housing Assembly (Wiremold 1PTHA) Note: One-gang pass through housing assembly. Designed to allow pass through of communication cables when no conduit is required.	22.96	5.79
26 05 33 16-0325	EA	Bottom Housing Assembly (Wiremold 1BLH) Note: One-gang blank housing assembly. Designed to blank off compartment when no cable pass through is required.	22.96	5.79
26 05 33 16-0326	EA	Bottom Housing Assembly (Wiremold 15FFHA) Note: One and a half-gang pass through conduit housing assembly. Used for furniture feed applications on the center compartment only. Only for use with 6AT Series units.	24.17	5.79
26 05 33 16-0327	EA	Bottom Housing Assembly (Wiremold 1BHA) Note: One-gang bottom housing assembly. Designed to accept 175CHA, 1125CHA, 1PTHA, and 1BLH plates.	24.99	5.79
26 05 33 16-0328		**Evolution 8AT Poke Thru Units** *(26 05 33 16-0284)* Note: Excludes concrete drilling.		
26 05 33 16-0329	EA	Recessed Prewired Assembly With Surface Style Cover (Wiremold 8ATCP) Note: For carpet, tile, wood and laminate floors. For use in 8" diameter cored hole. Devices are recessed 3 1/4" below floor surface. Die-cast aluminum cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	1,050.62	46.36
26 05 33 16-0330	EA	Recessed Prewired Assembly With Flush Style Cover (Wiremold 8ATP) Note: For tile, wood and laminate floors. For use in 8" diameter cored hole. Devices are recessed 3 1/4" [83mm] below floor surface. Die-cast aluminum cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	1,000.14	46.36
26 05 33 16-0331	EA	Recessed Assembly With Surface Style Cover (Wiremold 8ATC) Note: For carpet, tile, wood and laminate floors. For use in 8" diameter cored hole. Devices are recessed 3 1/4" below floor surface. Diecast aluminum cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	990.64	46.36
26 05 33 16-0332	EA	Recessed Assembly With Flush Style Cover (Wiremold 8AT) Note: For tile, wood and laminate floors. For use in 8" diameter cored hole. Devices are recessed 3 1/4" below floor surface. Diecast aluminum cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	981.63	46.36
26 05 33 16-0333	EA	Recessed Assembly With Disposable Plate (Wiremold 8STC) Note: Includes 8" core hole poke-thru stem assembly with a disposable plate. Devices are recessed 3 1/4" below floor surface. No cover assembly is included. For use with the following cover assemblies (purchased separately): 8CTC and 8CT Series.	594.24	43.46
26 05 33 16-0334	EA	Recessed Prewired Assembly With Disposable Plate (Wiremold 8STCP) Note: Includes 8" core hole poke-thru stem assembly with a disposable plate. Devices are recessed 3 1/4" below floor surface. No cover assembly is included. For use with the following cover assemblies (purchased separately): 8CTC and 8CT Series.	665.35	43.46
26 05 33 16-0335	EA	8" Pre-Pour Poke-Thru Sleeve (Wiremold 8PPS) Note: Non-metallic sleeve attaches to structural decking and maintains 8" to 8 1/8" diameter cast in core hole. Unit includes three (3) attachment legs, two (2) end caps and three (3) thumb screws.	169.60	23.18
26 05 33 16-0336	EA	Surface Style Cover Assembly (Wiremold 8CTC) Note: Die-cast aluminum cover assembly. Cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze. 8CTC Series Cover Assemblies designed for use with 8STC and 8STCP Poke-Thru Stem Assemblies.	348.72	11.59
26 05 33 16-0337	EA	Flush Style Cover Assembly (Wiremold 8CT) Note: Die-cast aluminum cover assembly. Cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze. 8CTC Series Cover Assemblies designed for use with 8STC and 8STCP Poke-Thru Stem Assemblies. Includes one (1) 8TS Tile Shim.	348.72	11.59
26 05 33 16-0338	EA	Tile Shim (Wiremold 8TS) Note: Used for floor coverings greater than 5/16". The 8TS will allow the top surface of the cover to be flush with the finished floor. Includes: two (2) 1/8" thick shims and two (2) 1/16" thick shims. Up to a total of 3/8" [9.5mm] of adjustment.	60.50	2.90
26 05 33 16-0339	EA	Device Mounting Plate (Wiremold 8B) Note: Singlegang device plate used to blank off any one (1) of the three (3) gangs in the center compartment, when no devices are used.	20.09	5.79
26 05 33 16-0340	EA	Device Mounting Plate (Wiremold 8DP) Note: Singlegang device plate that accepts standard 20 amperes duplex receptacle or a duplex Turnlok receptacle. Fits in any one (1) of the three (3) gangs in the center compartment. Devices supplied by others.	20.20	5.79

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 16-0341	EA	Device Mounting Plate (Wiremold 8DEC) Note: Singlegang device plate that will accept Decorator style devices such as 20 amperes receptacles, GGCIs, 106 adapters or A/V devices. Fits in any one (1) of the three (3) gangs in the center compartment. Devices supplied by others.	20.33	5.79
26 05 33 16-0342	EA	Device Mounting Plate (Wiremold 8ACT6A) Note: Singlegang device plate that will accept up to six (6) ports of communication devices. Fits in any one (1) of the three (3) gangs in the center compartment. Devices supplied by others.	23.48	5.79
26 05 33 16-0343	EA	Mosaic Mounting Plate (Wiremold 8MOS) Note: Device plate accepts three (3) standard Mosaic devices. Devices supplied by others.	28.34	5.79
26 05 33 16-0344	EA	Crestron Double Gang Plate (Wiremold 8CREST) Note: Device plate accepts Crestron double-gang decorator style devices.	28.29	5.79
26 05 33 16-0345	EA	Device Mounting Plate (Wiremold 8S1) Note: Receptacle opening 1 3/8". For 8" poke-thru units only.	19.50	5.79
26 05 33 16-0346	EA	Device Mounting Plate (Wiremold 8S2) Note: Receptacle opening 1 9/16". For 8" poke-thru units only.	19.74	5.79
26 05 33 16-0347	EA	Device Mounting Plate (Wiremold 8TRAC) Note: Singlegang device plate that will accept up to six (6) Ortronics TracJack devices. Fits in any one (1) of the three (3) gangs in the center compartment. Devices supplied by others.	19.50	5.79
26 05 33 16-0348	EA	Device Mounting Plate (Wiremold 8SER) Note: Singlegang device plate that will accept up to three (3) Ortronics Series II dual modular inserts. Fits in any one (1) of the three (3) gangs in the center compartment. Devices supplied by others.	19.50	5.79
26 05 33 16-0349	EA	Device Mounting Plate (Wiremold 8MAAP) Note: Singlegang device plate that will accept up to four (4) Extron® Electronics MAAP style plates. Fits in any one (1) of the three (3) gangs in the center compartment. Devices supplied by others.	27.90	5.79
26 05 33 16-0350	EA	Device Mounting Plate (Wiremold 8AAP) Note: Twogang device plate that will accept up to four (4) Extron® Electronics AAP style plates. 8AAP takes up 2 of the 3 gangs in the center compartment. Devices supplied by others.	23.34	5.79
26 05 33 16-0351	EA	8" Divider (Wiremold 8DIV) Note: Divider allows for separation of services when required.	26.83	5.79
26 05 33 16-0352	EA	Bottom Housing Assembly (Wiremold 22CHA) Note: Two-gang 2" trade size conduit housing assembly. Used on 8AT Series devices. Covers two (2) of the three (3) gangs in the center compartment. Only for use with 8AT Series units.	36.73	11.59

26 05 33 23 Surface Raceways for Electrical Systems *(26 05 33)*

26 05 33 23-0001 Raceways *(26 05 33 23)*

26 05 33 23-0002 Wireway With Screw Cover *(26 05 33 23-0001)*

Note: Also known as wire trough. Galvanized steel construction. Mounted exposed on flat wall surface.

26 05 33 23-0003 2-1/2" x 2-1/2", Wireway With Screw Cover *(26 05 33 23-0002)*

26 05 33 23-0004	LF	2-1/2" x 2-1/2", NEMA 1, Surface Mounted Wireway With Screw Cover	26.70	5.29
		For Combination Hinged Screw Cover, Add	*0.81*	
		For Concrete Or Masonry Surface, Add	*0.53*	
26 05 33 23-0005	EA	2-1/2" x 2-1/2", End Plate For Surface Mounted Wireway With Screw Cover	21.72	7.94
		For Combination Hinged Screw Cover, Add	*0.29*	
26 05 33 23-0006	EA	2-1/2" x 2-1/2", Coupling For Surface Mounted Wireway With Screw Cover	25.64	9.90
		For Combination Hinged Screw Cover, Add	*0.29*	
26 05 33 23-0007	EA	2-1/2" x 2-1/2", Panel Adapter For Surface Mounted Wireway With Screw Cover	54.18	18.53
		For Combination Hinged Screw Cover, Add	*0.86*	
26 05 33 23-0008	EA	2-1/2" x 2-1/2", Elbow For Surface Mounted Wireway With Screw Cover	88.29	18.53
		For Combination Hinged Screw Cover, Add	*2.56*	
26 05 33 23-0009	EA	2-1/2" x 2-1/2", Tee For Surface Mounted Wireway With Screw Cover	130.88	26.37
		For Combination Hinged Screw Cover, Add	*3.91*	
26 05 33 23-0010	EA	2-1/2" x 2-1/2", Cross For Surface Mounted Wireway With Screw Cover	146.96	29.12
		For Combination Hinged Screw Cover, Add	*4.44*	

26 05 33 23-0011 4" x 4", Wireway With Screw Cover *(26 05 33 23-0002)*

26 05 33 23-0012	LF	4" x 4", NEMA 1, Surface Mounted Wireway With Screw Cover	32.68	6.67
		For Combination Hinged Screw Cover, Add	*0.97*	
		For Concrete Or Masonry Surface, Add	*0.66*	
26 05 33 23-0013	LF	4" x 4", NEMA 3R, Surface Mounted Wireway With Screw Cover	59.14	6.67
		For Combination Hinged Screw Cover, Add	*2.29*	
		For Concrete Or Masonry Surface, Add	*0.66*	
26 05 33 23-0014	EA	4" x 4", End Plate For Surface Mounted Wireway With Screw Cover	17.74	5.83
		For Combination Hinged Screw Cover, Add	*0.30*	
26 05 33 23-0015	EA	4" x 4", Coupling For Surface Mounted Wireway With Screw Cover	28.33	11.12
		For Combination Hinged Screw Cover, Add	*0.30*	
26 05 33 23-0016	EA	4" x 4", Panel Adapter For Surface Mounted Wireway With Screw Cover	63.92	22.66
		For Combination Hinged Screw Cover, Add	*0.93*	
26 05 33 23-0017	EA	4" x 4", Elbow For Surface Mounted Wireway With Screw Cover	101.42	22.66
		For Combination Hinged Screw Cover, Add	*2.80*	
26 05 33 23-0018	EA	4" x 4", Tee For Surface Mounted Wireway With Screw Cover	143.86	29.44
		For Combination Hinged Screw Cover, Add	*4.25*	
26 05 33 23-0019	EA	4" x 4", Cross For Surface Mounted Wireway With Screw Cover	166.15	34.41
		For Combination Hinged Screw Cover, Add	*4.87*	

26 05 33 23-0020 6" x 6", Wireway With Screw Cover *(26 05 33 23-0002)*

26 05 33 23-0021	LF	6" x 6", NEMA 1, Surface Mounted Wireway With Screw Cover	49.02	7.94
		For Combination Hinged Screw Cover, Add	*1.66*	
		For Concrete Or Masonry Surface, Add	*0.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 23-0022	LF	6" x 6", NEMA 3R, Surface Mounted Wireway With Screw Cover	95.41	7.94
		For Combination Hinged Screw Cover, Add	*3.98*	
		For Concrete Or Masonry Surface, Add	*0.80*	
26 05 33 23-0023	EA	6" x 6", End Plate For Surface Mounted Wireway With Screw Cover	22.51	6.36
		For Combination Hinged Screw Cover, Add	*0.49*	
26 05 33 23-0024	EA	6" x 6", Coupling For Surface Mounted Wireway With Screw Cover	36.28	13.24
		For Combination Hinged Screw Cover, Add	*0.49*	
26 05 33 23-0025	EA	6" x 6", Panel Adapter For Surface Mounted Wireway With Screw Cover	90.73	26.37
		For Combination Hinged Screw Cover, Add	*1.91*	
26 05 33 23-0026	EA	6" x 6", Elbow For Surface Mounted Wireway With Screw Cover	130.33	26.37
		For Combination Hinged Screw Cover, Add	*3.89*	
26 05 33 23-0027	EA	6" x 6", Tee For Surface Mounted Wireway With Screw Cover	205.42	32.93
		For Combination Hinged Screw Cover, Add	*6.98*	
26 05 33 23-0028	EA	6" x 6", Cross For Surface Mounted Wireway With Screw Cover	222.47	38.12
		For Combination Hinged Screw Cover, Add	*7.31*	

26 05 33 23-0029 8" x 8", Wireway With Screw Cover *(26 05 33 23-0002)*

26 05 33 23-0030	LF	8" x 8", NEMA 1, Surface Mounted Wireway With Screw Cover	79.39	8.68
		For Combination Hinged Screw Cover, Add	*3.10*	
		For Concrete Or Masonry Surface, Add	*0.87*	
26 05 33 23-0031	LF	8" x 8", NEMA 3R, Surface Mounted Wireway With Screw Cover	145.46	8.68
		For Combination Hinged Screw Cover, Add	*6.41*	
		For Concrete Or Masonry Surface, Add	*0.87*	
26 05 33 23-0032	EA	8" x 8", End Plate For Surface Mounted Wireway With Screw Cover	24.80	6.88
		For Combination Hinged Screw Cover, Add	*0.55*	
26 05 33 23-0033	EA	8" x 8", Coupling For Surface Mounted Wireway With Screw Cover	39.62	14.30
		For Combination Hinged Screw Cover, Add	*0.55*	
26 05 33 23-0034	EA	8" x 8", Panel Adapter For Surface Mounted Wireway With Screw Cover	101.27	29.02
		For Combination Hinged Screw Cover, Add	*2.16*	
26 05 33 23-0035	EA	8" x 8", Elbow For Surface Mounted Wireway With Screw Cover	165.59	29.02
		For Combination Hinged Screw Cover, Add	*5.38*	
26 05 33 23-0036	EA	8" x 8", Tee For Surface Mounted Wireway With Screw Cover	247.31	35.80
		For Combination Hinged Screw Cover, Add	*8.79*	
26 05 33 23-0037	EA	8" x 8", Cross For Surface Mounted Wireway With Screw Cover	345.72	43.42
		For Combination Hinged Screw Cover, Add	*12.94*	

26 05 33 23-0038 10" x 10", Wireway With Screw Cover *(26 05 33 23-0002)*

26 05 33 23-0039	LF	10" x 10", NEMA 1, Surface Mounted Wireway With Screw Cover	115.43	10.06
		For Combination Hinged Screw Cover, Add	*4.76*	
		For Concrete Or Masonry Surface, Add	*1.01*	
26 05 33 23-0040	LF	10" x 10", NEMA 3R, Surface Mounted Wireway With Screw Cover	204.84	10.06
		For Combination Hinged Screw Cover, Add	*9.23*	
		For Concrete Or Masonry Surface, Add	*1.01*	
26 05 33 23-0041	EA	10" x 10", End Plate For Surface Mounted Wireway With Screw Cover	34.83	7.94
		For Combination Hinged Screw Cover, Add	*0.95*	
26 05 33 23-0042	EA	10" x 10", Coupling For Surface Mounted Wireway With Screw Cover	50.71	15.88
		For Combination Hinged Screw Cover, Add	*0.95*	
26 05 33 23-0043	EA	10" x 10", Panel Adapter For Surface Mounted Wireway With Screw Cover	135.59	31.55
		For Combination Hinged Screw Cover, Add	*3.62*	
26 05 33 23-0044	EA	10" x 10", Elbow For Surface Mounted Wireway With Screw Cover	263.18	31.55
		For Combination Hinged Screw Cover, Add	*10.00*	
26 05 33 23-0045	EA	10" x 10", Tee For Surface Mounted Wireway With Screw Cover	398.59	39.82
		For Combination Hinged Screw Cover, Add	*15.95*	
26 05 33 23-0046	EA	10" x 10", Cross For Surface Mounted Wireway With Screw Cover	569.43	45.00
		For Combination Hinged Screw Cover, Add	*23.97*	

26 05 33 23-0047 12" x 12", Wireway With Screw Cover *(26 05 33 23-0002)*

26 05 33 23-0048	LF	12" x 12", NEMA 1, Surface Mounted Wireway With Screw Cover	135.53	12.17
		For Combination Hinged Screw Cover, Add	*5.56*	
		For Concrete Or Masonry Surface, Add	*1.22*	
26 05 33 23-0049	LF	12" x 12", NEMA 3R, Surface Mounted Wireway With Screw Cover	225.37	12.17
		For Combination Hinged Screw Cover, Add	*10.05*	
		For Concrete Or Masonry Surface, Add	*1.22*	
26 05 33 23-0050	EA	12" x 12", End Plate For Surface Mounted Wireway With Screw Cover	45.90	8.47
		For Combination Hinged Screw Cover, Add	*1.45*	
26 05 33 23-0051	EA	12" x 12", Coupling For Surface Mounted Wireway With Screw Cover	62.85	16.94
		For Combination Hinged Screw Cover, Add	*1.45*	
26 05 33 23-0052	EA	12" x 12", Panel Adapter For Surface Mounted Wireway With Screw Cover	178.32	34.41
		For Combination Hinged Screw Cover, Add	*5.47*	
26 05 33 23-0053	EA	12" x 12", Elbow For Surface Mounted Wireway With Screw Cover	347.29	34.41
		For Combination Hinged Screw Cover, Add	*13.92*	
26 05 33 23-0054	EA	12" x 12", Tee For Surface Mounted Wireway With Screw Cover	448.02	42.35
		For Combination Hinged Screw Cover, Add	*18.17*	
26 05 33 23-0055	EA	12" x 12", Cross For Surface Mounted Wireway With Screw Cover	731.41	47.65
		For Combination Hinged Screw Cover, Add	*31.81*	

26 05 33 23-0056 Surface Metal Raceways *(26 05 33 23-0001)*

Note: Exposed on flat wall surface.

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 23-0057		One Piece Surface Metal Raceways *(26 05 33 23-0056)* Note: Exposed installations on masonry, concrete block or drywall walls or ceilings. (Wiremold or approved equal).		
26 05 33 23-0058		3/4" x 17/32" One Piece Surface Metal Raceways (Wiremold #500) *(26 05 33 23-0057)* Note: Available in ivory.		
26 05 33 23-0059	LF	3/4" x 17/32" One Piece Surface Metal Raceway (Wiremold #500)	4.76	1.58
		For Concrete Or Masonry Surface, Add	*0.16*	
26 05 33 23-0060	EA	Bushing (Wiremold #502)	4.61	2.12
26 05 33 23-0061	EA	One Or Two Hole Strap (Wiremold #504)	4.65	2.12
26 05 33 23-0062	EA	Connection Cover (Wiremold #506)	4.84	2.12
26 05 33 23-0063	EA	Flat 90 Degree Elbow (Wiremold #511)	7.41	2.54
26 05 33 23-0064	EA	Flat 45 Degree Elbow (Wiremold #512)	12.44	2.65
26 05 33 23-0065	EA	Adjustable Internal Elbow (Wiremold #517)	9.24	3.18
26 05 33 23-0066	EA	Adjustable External Elbow (Wiremold #518)	9.03	3.18
26 05 33 23-0067		3/4" x 21/32" One Piece Surface Metal Raceways (Wiremold #700) *(26 05 33 23-0057)* Note: Available in ivory and white.		
26 05 33 23-0068	LF	3/4" x 21/32" One Piece Surface Metal Raceway (Wiremold #700)	6.00	2.12
		For Concrete Or Masonry Surface, Add	*0.21*	
26 05 33 23-0069	EA	Bushing (Wiremold #702)	4.74	2.12
26 05 33 23-0070	EA	One Or Two Hole Strap (Wiremold #704)	4.89	2.12
26 05 33 23-0071	EA	Connection Cover (Wiremold #706)	4.92	2.12
26 05 33 23-0072	EA	Flat 90 Degree Elbow (Wiremold #711)	10.90	4.23
26 05 33 23-0073	EA	Flat 45 Degree Elbow (Wiremold #712)	17.34	4.23
26 05 33 23-0074	EA	Adjustable Internal Elbow (Wiremold #717)	11.78	4.23
26 05 33 23-0075	EA	Adjustable External Elbow (Wiremold #718)	11.37	4.23
26 05 33 23-0076		One Piece Surface Metal Raceways Fittings (Wiremold #500 And 700 Fittings) *(26 05 33 23-0057)* Note: Available in ivory.		
26 05 33 23-0077	EA	18" Flex Fitting, For #500 Or 700 (Wiremold #5700F)	33.32	3.18
26 05 33 23-0078	EA	Galvanized Coupling For #500 Or 700 (Wiremold #5701)	4.86	2.12
26 05 33 23-0079	EA	Supporting Clip, For #500 Or 700 (Wiremold #5703)	4.86	2.12
26 05 33 23-0080	EA	Ground Clamp (Wiremold #5709)	14.38	3.18
26 05 33 23-0081	EA	Grounding Connector (Wiremold #5709GC)	12.10	3.18
26 05 33 23-0082	EA	L Or R (Left Or Right) Twisted Internal Ell (Wiremold #5711)	13.69	4.23
26 05 33 23-0083	EA	Tee (Wiremold #5715)	15.35	5.29
26 05 33 23-0084	EA	2-1/2" x 2-3/8" x 2-1/2" Corner Box (Wiremold #5719)	27.12	4.23
26 05 33 23-0085	EA	Utility Box For #500 Or #700 (Wiremold #57242)	20.79	4.23
26 05 33 23-0086	EA	2-3/8" Diameter, Blank Cover (Wiremold #5731)	11.14	2.65
26 05 33 23-0087	EA	3" Diameter, Outlet Box (Wiremold #5733)	25.82	4.23
26 05 33 23-0088	EA	4-3/4" Square x 1-3/8" Deep, Distribution Box (Wiremold #5735)	25.72	4.23
26 05 33 23-0089	EA	4-3/8" Blank Cover (Wiremold #5736)	11.82	2.65
26 05 33 23-0090	EA	4-3/4" Diameter, Extension Box/Open Base (Wiremold #5737)	23.34	4.23
26 05 33 23-0091	EA	5-1/2" Diameter, Extension Box/Open Base (Wiremold #5737A)	22.51	4.23
26 05 33 23-0092	EA	4-3/4" Diameter, Fixture Box/Solid Base (Wiremold #5738)	22.70	4.23
26 05 33 23-0093	EA	5-1/2" Diameter, Fixture Box/Solid Base (Wiremold #5738A)	22.70	4.23
26 05 33 23-0094	EA	5-1/2" Diameter, Fan Box/Solid Base (Wiremold #5738AF)	25.72	4.23
26 05 33 23-0095	EA	6-3/8" Diameter, Fixture Box/Solid Base (Wiremold #5739)	25.40	4.23
26 05 33 23-0096	EA	6-3/8" Diameter, Extension Box/Open Base (Wiremold #5739A)	27.14	4.23
26 05 33 23-0097	EA	Standard Switch Box For #500, Or #700 (Wiremold #57240)	30.39	6.88
26 05 33 23-0098	EA	Duplex Receptacle And Box, Ground, For #500 Or #700 (Wiremold #57243G)	47.88	13.24
26 05 33 23-0099	EA	2-13/16" x 4-5/8" x 1-3/8" Switch And Receptacle Box For Shallow Type Switches (Wiremold #5741)	22.80	6.88
26 05 33 23-0100	EA	1 Gang, 4-5/8" x 2-7/8" x 2-3/4" Extra Deep Switch And Receptacle Box (Wiremold #5744)	36.51	6.88
26 05 33 23-0101	EA	2 Gang, 4-3/4" x 4-3/4" x 2-3/4" Extra Deep Switch And Receptacle Box (Wiremold #5744-2)	41.95	6.88
26 05 33 23-0102	EA	3 Gang, 4-5/8" x 6-1/2" x 2-3/4" Extra Deep Switch And Receptacle Box (Wiremold #5744-3)	64.07	6.88
26 05 33 23-0103	EA	1 Gang, Signal Box (Wiremold #5744S)	33.12	5.83
26 05 33 23-0104	EA	2 Gang, Signal Box (Wiremold #5744S-2)	37.04	5.83
26 05 33 23-0105	EA	3 Gang, Signal Box (Wiremold #5744S-3)	59.78	5.83
26 05 33 23-0106	EA	4-5/8" x 2-7/8" x 1-3/4" Combination Switch And Receptacle Box With 1/2" KO's (Wiremold #5745)	23.84	6.88
26 05 33 23-0107	EA	4-5/8" x 2-7/8" x 1-3/8", 1 Gang, Shallow Switch And Receptacle Box For Standard Shallow Devices (Wiremold #5747)	20.87	6.88
26 05 33 23-0108	EA	4-3/4" x 4-3/4" x 1-3/8", 2 Gang, Shallow Switch And Receptacle Box For Standard Shallow Devices (Wiremold #5747-2)	29.66	6.88
26 05 33 23-0109	EA	4-5/8" x 6-1/2" x 2-3/4", 3 Gang, Shallow Switch And Receptacle Box For Standard Shallow Devices (Wiremold #5747-3)	58.41	6.88
26 05 33 23-0110	EA	4-5/8" x 2-7/8" x 1-3/4", 1 Gang, Switch And Receptacle Box For Deep Devices (Wiremold #5748)	22.36	6.88
26 05 33 23-0111	EA	4-3/4" x 4-3/4" x 1-3/4", 2 Gang, Switch And Receptacle Box For Deep Devices (Wiremold #5748-2)	31.44	6.88
26 05 33 23-0112	EA	4-5/8" x 6-1/2" x 1-3/4", 3 Gang, Switch And Receptacle Box For Deep Devices (Wiremold #5748-3)	56.75	6.88
26 05 33 23-0113	EA	4-5/8" x 8-11/32" x 1-3/4", 4 Gang, Switch And Receptacle Box For Deep Devices (Wiremold #5748-4)	84.60	6.88
26 05 33 23-0114	EA	4-5/8" x 10-5/32" x 1-3/4", 5 Gang, Switch And Receptacle Box For Deep Devices (Wiremold #5748-5)	139.98	6.88
26 05 33 23-0115	EA	4-5/8" x 11-31/32" x 1-3/4", 6 Gang, Switch And Receptacle Box For Deep Devices (Wiremold #5748-6)	142.45	6.88
26 05 33 23-0116	EA	4-3/8" x 2-7/8" x 15/16" Shallow Switch And Receptacle Box For Shallow Duplex Devices (Wiremold #5748-S)	22.08	6.88
26 05 33 23-0117	EA	4-5/8" x 2-7/8" x 15/16", 1 Gang, Flush-Type Extension Adapter (Wiremold #5751)	21.44	6.88
26 05 33 23-0118	EA	4-3/4" x 4-3/4" x 15/16", 2 Gang, Flush-Type Extension Adapter (Wiremold #5751-2)	28.77	6.88
26 05 33 23-0119	EA	4-5/8" x 6-1/2" x 15/16", 3 Gang, Flush-Type Extension Adapter (Wiremold #5751-3)	57.31	6.88
26 05 33 23-0120	EA	4-5/8" x 2-7/8" x 1-3/4", 1 Gang, Deep Flush-Type Extension Adapter (Wiremold #5751A)	23.24	6.88

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 23-0121	EA	4-11/16" x 4-11/16" x 1-3/8", 2 Gang, Alarm Device Box (Wiremold #5752)	30.31	6.88
26 05 33 23-0122	EA	4-11/16" x 4-11/16" x 2-3/4", 2 Gang, Extra Deep Alarm Device Box (Wiremold #5753)	44.00	6.88
26 05 33 23-0123	EA	Blank Extension Box (Wiremold #5760)	15.26	2.65
26 05 33 23-0124	EA	1/2" Special Nipple (Wiremold #5780)	14.52	2.65
26 05 33 23-0125	EA	1/2" Box Connector (Wiremold #5781)	9.56	2.65
26 05 33 23-0126	EA	3/4" Box Connector (Wiremold #5781A)	18.24	3.18
26 05 33 23-0127	EA	1/2" Conduit Connector (Wiremold #5782)	9.65	2.65
26 05 33 23-0128	EA	3/4" Conduit Connector (Wiremold #5782A)	22.94	3.18
26 05 33 23-0129	EA	1/2" Elbow Conduit Connector (Wiremold #5784)	20.52	3.18
26 05 33 23-0130	EA	Combination Connector, To Any 3-1/4" Or 4" Outlet Box (Wiremold #5785)	11.26	3.18
26 05 33 23-0131	EA	Offset Connector (Wiremold #5786)	19.02	3.18
26 05 33 23-0132	EA	Armor Cable Connector (Wiremold #5790B)	9.80	2.65
26 05 33 23-0133	EA	1/2" Electrical Metallic Tubing (EMT) Connector, For #500 Or 700 (Wiremold #5791)	8.69	2.12
26 05 33 23-0134		1-9/16" x 11/32" One Piece Surface Metal Raceways (Wiremold #1500) *(26 05 33 23-0057)*		
		Note: Galvanized finish.		
26 05 33 23-0135	LF	1-9/16" x 11/32" One Piece Surface Metal Raceway (Wiremold #1500-10)	8.71	2.65
		For Concrete Or Masonry Surface, Add	*0.26*	
26 05 33 23-0136	EA	Wire Clip (Wiremold #1500WC)	5.36	2.12
26 05 33 23-0137	EA	Bushing (Wiremold #1502)	6.34	2.65
26 05 33 23-0138	EA	2-Hole Strap (Wiremold #1504)	7.16	3.18
26 05 33 23-0139	EA	Flat Elbow (Wiremold #1511)	27.95	10.06
26 05 33 23-0140	EA	Internal Elbow (Wiremold #1517)	28.92	10.06
26 05 33 23-0141	EA	Adapter Fitting (Wiremold #1517B)	31.18	10.06
26 05 33 23-0142	EA	External Elbow (Wiremold #1518)	30.99	10.06
26 05 33 23-0143	EA	Utility Box (Wiremold #1528)	28.26	6.88
26 05 33 23-0144	EA	Junction Box (Wiremold #1542D)	29.16	6.88
26 05 33 23-0145	EA	Duplex Receptacle (Wiremold #1543GL)	57.18	13.24
26 05 33 23-0146	EA	Single Receptacle Box (Wiremold #1546A)	30.06	6.88
26 05 33 23-0147	EA	Duplex Receptacle Box (Wiremold #1546B)	36.95	6.88
26 05 33 23-0148	EA	Telephone Box (Wiremold #1546T)	36.23	6.88
26 05 33 23-0149	EA	Combination Connection (Wiremold #1585)	17.54	3.18
26 05 33 23-0150		2-7/32" x 28/32" One Piece Surface Metal Raceways (Wiremold #2600) *(26 05 33 23-0057)*		
		Note: Galvanized finish.		
26 05 33 23-0151	LF	2-7/32" x 28/32" One Piece Surface Metal Raceway (Wiremold #2600-10)	14.42	4.76
		For Concrete Or Masonry Surface, Add	*0.48*	
26 05 33 23-0152	EA	Wire Clip (Wiremold #2600WC)	5.41	2.12
26 05 33 23-0153	EA	Fiber Bushing (Wiremold #2602)	6.06	2.12
26 05 33 23-0154	EA	2-5/8", 90 Degree Flat Elbow (Wiremold #2611)	22.04	3.71
26 05 33 23-0155	EA	5" Diameter, Junction Box (Wiremold #2642D)	33.02	5.29
26 05 33 23-0156	EA	Service Fitting (Wiremold #2686FO)	32.27	6.36
26 05 33 23-0157		Two Piece Surface Metal Raceways *(26 05 33 23-0056)*		
		Note: Exposed installations on masonry, concrete block or drywall walls or ceilings. (Wiremold or approved equal).		
26 05 33 23-0158		1-9/32" x 3/4" Two Piece Surface Metal Raceways (Wiremold #2000) *(26 05 33 23-0157)*		
26 05 33 23-0159	LF	1-9/32" x 3/4" Two Piece Surface Metal Raceway Base And Cover (Wiremold #2000BC)	8.30	2.65
		For Concrete Or Masonry Surface, Add	*0.26*	
26 05 33 23-0160	EA	Wire Clip (Wiremold #2000WC)	3.96	2.12
26 05 33 23-0161	EA	Coupling (Wiremold #2001)	10.49	2.65
26 05 33 23-0162	EA	Supporting Clip (Wiremold #2003)	5.14	1.58
26 05 33 23-0163	EA	Cover Clip (Wiremold #2006)	4.76	1.58
26 05 33 23-0164	EA	Ground Clamp (Wiremold #2009)	12.46	2.65
26 05 33 23-0165	EA	Entrance End Fitting (Wiremold #2010A2)	24.45	7.94
26 05 33 23-0166	EA	Entrance End Fitting (Wiremold #2010A3)	42.03	10.59
26 05 33 23-0167	EA	Blank End Fitting (Wiremold #2010B)	6.44	2.65
26 05 33 23-0168	EA	Flat 90 Degree Elbow (Wiremold #2011)	21.03	6.88
26 05 33 23-0169	EA	Tee (Wiremold #2015)	38.76	9.96
26 05 33 23-0170	EA	Internal Corner Coupling (Wiremold #2017TC)	13.41	5.29
26 05 33 23-0171	EA	Single Gang Device Box (Wiremold #2048)	31.90	9.42
26 05 33 23-0172	EA	2-Gang device Box (Wiremold #2048-2)	50.64	10.49
26 05 33 23-0173	EA	Flush Plate Adapter (Wiremold #2051H)	34.55	10.49
26 05 33 23-0174	EA	Side Reducing Connector (Wiremold #2089)	28.74	5.29
26 05 33 23-0175	EA	#2089E End Reducing Connector	11.81	2.65
26 05 33 23-0176		1-7/8" x 7/8" Two Piece Surface Metal Raceways (Wiremold #2400) *(26 05 33 23-0157)*		
		Note: Available in gray enamel (G) or ivory (V).		
26 05 33 23-0177	LF	1-7/8" x 7/8" Two Piece Surface Metal Raceway Base (Wiremold #2400B)	7.06	2.65
		For Concrete Or Masonry Surface, Add	*0.26*	
26 05 33 23-0178	LF	1-7/8" x 7/8" Divided Two Piece Surface Metal Raceway Base (Wiremold #2400BD)	7.76	2.65
		For Concrete Or Masonry Surface, Add	*0.26*	
26 05 33 23-0179	LF	Raceway Cover (Wiremold #2400C)	2.86	0.53
26 05 33 23-0180	EA	Wire Clip (Wiremold #2400WC)	3.95	2.12
26 05 33 23-0181	EA	Coupling (Wiremold #2401)	10.41	2.65

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 23-0182	EA	Divided Raceway Coupling (Wiremold #2401D)	8.67	2.65
26 05 33 23-0183	EA	Cover Clip (Wiremold #2406)	4.79	1.58
26 05 33 23-0184	EA	Device Bracket Frame (Wiremold #2407-2CM)	36.01	7.94
26 05 33 23-0185	EA	Device Bracket Frame (Wiremold #2407-2TJ)	34.47	7.94
26 05 33 23-0186	EA	Ground Clamp (Wiremold #2409)	9.47	2.12
26 05 33 23-0187	EA	End Fitting (Wiremold #2410A)	23.40	7.94
26 05 33 23-0188	EA	Blank End (Wiremold #2410B)	6.51	2.65
26 05 33 23-0189	EA	Divided Blank End Fitting (Wiremold #2410BD)	6.59	2.65
26 05 33 23-0190	EA	Entrance End Fitting (Wiremold #2410C)	35.86	7.94
26 05 33 23-0191	EA	Divided Entrance End Fitting (Wiremold #2410D)	34.36	7.94
26 05 33 23-0192	EA	Divided Entrance End Fitting (Wiremold #2410DFO)	56.67	7.94
26 05 33 23-0193	EA	Full Cap Entrance End Fitting (Wiremold #2410FC)	43.29	7.94
26 05 33 23-0194	EA	Divided Flat 90 Degree Elbow (Wiremold #2411D)	26.31	7.94
26 05 33 23-0195	EA	Radiused Divided Flat 90 Degree Elbow (Wiremold #2411DFO)	42.47	7.94
26 05 33 23-0196	EA	Radiused Flat 90 Degree Elbow (Wiremold #2411FO)	37.98	7.83
26 05 33 23-0197	EA	Flat 90 Degree Elbow (Wiremold #2411M)	25.05	7.94
26 05 33 23-0198	EA	Radiused Divided Tee (Wiremold #2415DFO)	45.61	7.83
26 05 33 23-0199	EA	Radiused Tee (Wiremold #2415FO)	43.34	7.83
26 05 33 23-0200	EA	Tee (Wiremold #2415M)	29.80	7.83
26 05 33 23-0201	EA	Divided Internal Coupling (Wiremold #2417D)	24.77	7.83
26 05 33 23-0202	EA	Radiused Divided Internal Coupling (Wiremold #2417DFO)	39.23	7.83
26 05 33 23-0203	EA	Radiused Internal Coupling (Wiremold #2417FO)	38.05	7.83
26 05 33 23-0204	EA	Internal Coupling (Wiremold #2417M)	23.98	7.83
26 05 33 23-0205	EA	Radiused Divided External Coupling (Wiremold #2418DFO)	42.70	7.83
26 05 33 23-0206	EA	Radiused External Coupling (Wiremold #2418FO)	42.00	7.83
26 05 33 23-0207	EA	External Coupling (Wiremold #2418M)	29.29	7.83
26 05 33 23-0208	EA	1 Gang, Extra Deep Switch And Receptacle (Wiremold #2444)	38.87	6.88
26 05 33 23-0209	EA	2 Gang, Extra Deep Switch And Receptacle Box (Wiremold #2444-2)	43.21	6.88
26 05 33 23-0210	EA	Over Raceway, Extra Deep Switch And Receptacle Box, 2 Gang (Wiremold #2444-2LS)	43.44	6.88
26 05 33 23-0211	EA	Divided, 1 Gang, Extra Deep Switch And Receptacle (Wiremold #2444D)	41.60	6.88
26 05 33 23-0212	EA	Divided, 2 Gang, Extra Deep Switch And Receptacle Box (Wiremold #2444D-2A)	58.95	6.88
26 05 33 23-0213	EA	Divided, Over Raceway, 2 Gang, Extra Deep Switch And Receptacle Box (Wiremold #2444D-2N)	51.82	6.88
26 05 33 23-0214	EA	4-5/8" x 2-7/8" x 1-3/4", 1 Gang, Switch And Receptacle Box For Shallow Devices (Wiremold #2448)	27.05	6.88
26 05 33 23-0215	EA	4-3/4" x 4-3/4" x 1-3/4", 2 Gang, Switch And Receptacle Box For Shallow Devices (Wiremold #2448-2)	42.25	6.88
26 05 33 23-0216	EA	Device Bracket Type Adapter Plate (Wiremold #2450)	12.93	2.65
26 05 33 23-0217	EA	4-1/2" x 4-1/2" Back Feed Fitting (Wiremold #2451H)	30.51	7.94
26 05 33 23-0218	EA	Bridge Fitting For 2400/700/500 (Wiremold #2475D)	92.20	7.94
26 05 33 23-0219	EA	Side Reducing Connector (Wiremold #2489)	26.67	4.23

26 05 33 23-0220 2-3/4" x 1-17/32" Two Piece Surface Metal Raceways (Wiremold #3000) *(26 05 33 23-0157)*

Note: Available in gray enamel (G) or ivory (V).

26 05 33 23-0221	LF	2-3/4" x 1-17/32" Two Piece Surface Metal Raceway Base (Wiremold #3000B)	13.93	4.76
		For Concrete Or Masonry Surface, Add	*0.48*	
26 05 33 23-0222	LF	Raceway Cover (Wiremold #3000CE)	3.35	0.53
26 05 33 23-0223	EA	Wire Clips For Conductors (Wiremold #3000WC)	5.34	2.12
26 05 33 23-0224	EA	Couplings (Wiremold #3001)	13.75	2.12
26 05 33 23-0225	EA	Rigid Inside Coupling (Wiremold #3001A)	13.74	2.65
26 05 33 23-0226	EA	Supporting Clip (Wiremold #3003)	10.10	2.65
26 05 33 23-0227	EA	Clip Cover (Wiremold #3006E)	5.76	2.12
26 05 33 23-0228	EA	Device Brackets (Wiremold #3007C)	14.98	4.23
26 05 33 23-0229	EA	C-Hanger (Wiremold #3008C)	14.97	3.18
26 05 33 23-0230	EA	Entrance End Fitting For Connecting To 1/2" Conduit Or Armored Connectors (Wiremold #3010AE)	34.69	10.06
26 05 33 23-0231	EA	Blank End Fittings (Wiremold #3010B)	12.66	4.23
26 05 33 23-0232	EA	Entrance End Fitting For Connecting To Rigid Or Flexible Conduit (Wiremold #3010C)	38.49	10.06
26 05 33 23-0233	EA	Flat 90 Degree Elbow (Wiremold #3011E)	57.94	13.13
26 05 33 23-0234	EA	Wall Box Connector (Wiremold #3014C)	41.13	13.24
26 05 33 23-0235	EA	Tee Fitting (Wiremold #3015E)	79.76	16.41
26 05 33 23-0236	EA	Internal Corner Coupling (Wiremold #3017TCE)	37.59	10.06
26 05 33 23-0237	EA	External Corner (Wiremold #3018AE)	46.52	10.06
26 05 33 23-0238	EA	Single Receptacle Cover With Face Diameters Of 1.38" To 1.4" (Wiremold #3027AE)	33.03	10.06
26 05 33 23-0239	EA	Utility Box (Wiremold #3028)	56.39	10.06
26 05 33 23-0240	EA	Single Receptacle Cover With Face Diameters Of 1.56" To 1.57" (Wiremold #3033JE)	18.23	2.65
26 05 33 23-0241	EA	Blank Cover (Wiremold #3036HE)	19.96	2.65
26 05 33 23-0242	EA	Switch Cover (Wiremold #3040CE)	18.18	2.65
26 05 33 23-0243	EA	Duplex Receptacle Cover (Wiremold #3043BE)	21.53	3.18
26 05 33 23-0244	EA	15 Amperes, 125 Volt Duplex Grounding Receptacle And Cover (Wiremold #3043GE)	55.35	13.77
26 05 33 23-0245	EA	2 Gang, Extra Deep Switch And Receptacle Box (Wiremold #3044-2)	63.56	10.06
26 05 33 23-0246	EA	Duplex Receptacle Cover (Wiremold #3046BE)	18.29	3.18
26 05 33 23-0247	EA	Tap Off Fitting (Wiremold #3046H-2)	21.25	2.65
26 05 33 23-0248	EA	1-15/16" Deep x 6" Long, Circuit Breaker Housing (Wiremold #3046KD)	84.94	6.36
26 05 33 23-0249	EA	2-3/4" Deep x 7-3/8" Long, Circuit Breaker Housing (Wiremold #3046KTSQ)	209.85	6.36
26 05 33 23-0250	EA	1-13/16" Deep x 7-3/8" Long, Circuit Breaker Housing (Wiremold #3046QOU)	73.74	6.36
26 05 33 23-0251	EA	1-13/16" Deep x 7-15/16" Long x 2-13/16" Wide, Bump Up Device Plate Cover (Wiremold #3046S)	79.94	6.36
26 05 33 23-0252	EA	1-13/32" Deep x 7-15/16" Long x 2-13/16" Wide, Bump Up Device Plate Cover (Wiremold #3046U)	79.94	6.36
26 05 33 23-0253	EA	Rectangular Receptacle Cover (Wiremold #3048R)	25.11	3.18

26 05 33 23-0254 4-3/4" x 1-3/4" Two Piece Surface Metal Raceways (Wiremold #4000) *(26 05 33 23-0157)*

Note: Available in gray enamel (G) or ivory (V).

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 23-0255	LF	4-3/4" x 1-3/4" Two Piece Surface Metal Raceway Base (Wiremold #4000B-10)	17.26	4.76
		For Concrete Or Masonry Surface, Add	*0.51*	
26 05 33 23-0256	LF	Raceway Cover (Wiremold #4000C)	6.17	0.53
26 05 33 23-0257	LF	Divider (Wiremold #4000D)	2.96	0.53
26 05 33 23-0258	EA	Wire Clips For Conductors (Wiremold #4000WC)	6.66	2.65
26 05 33 23-0259	EA	Couplings (Wiremold #4001A)	17.24	3.18
26 05 33 23-0260	EA	Divider Clip (Wiremold #4001D)	8.02	3.18
26 05 33 23-0261	EA	Seam Clip (Wiremold #4006)	8.17	3.18
26 05 33 23-0262	EA	Single Device Fitting (Wiremold #4007C-1R)	34.98	6.88
26 05 33 23-0263	EA	Blank End Fittings (Wiremold #4010B)	18.43	4.23
26 05 33 23-0264	EA	Entrance End Fitting (Wiremold #4010DFO)	70.76	16.30
26 05 33 23-0265	EA	Flat 90 Degree Elbow (Wiremold #4011)	66.03	13.24
26 05 33 23-0266	EA	Radiused Flat 90 Degree Elbow (Wiremold #4011FO)	78.30	13.24
26 05 33 23-0267	EA	Internal Or External 45 Degree Elbow (Wiremold #4012TX)	71.65	16.41
26 05 33 23-0268	EA	Wall Box Connector (Wiremold #4014A)	96.20	16.41
26 05 33 23-0269	EA	Tee Fitting (Wiremold #4015)	106.97	16.41
26 05 33 23-0270	EA	Divided Tee Fitting (Wiremold #4015D)	111.29	16.41
26 05 33 23-0271	EA	Radiused Full Capacity Divided Tee Fitting (Wiremold #4015DFO)	133.31	16.41
26 05 33 23-0272	EA	Radiused Tee Fitting (Wiremold #4015FO)	133.74	16.41
26 05 33 23-0273	EA	Internal Elbow (Wiremold #4017)	57.83	16.41
26 05 33 23-0274	EA	Internal Elbow (Wiremold #4017FO)	105.06	16.41
26 05 33 23-0275	EA	Inverted Internal Elbow (Wiremold #4017N)	64.32	16.41
26 05 33 23-0276	EA	Internal Corner Coupling (Wiremold #4017TCA)	54.40	16.41
26 05 33 23-0277	EA	External Elbow (Wiremold #4018)	87.33	16.41
26 05 33 23-0278	EA	Radiused External Elbow (Wiremold #4018FO)	101.69	16.41
26 05 33 23-0279	EA	Single Locking Receptacle And Two RJ11/45 Modulaular Connectors Outlet Cover (Wiremold #4046ARJ)	86.93	6.88
26 05 33 23-0280	EA	Double Duplex Receptacle Outlet Cover (Wiremold #4046B-2)	92.24	6.88
26 05 33 23-0281	EA	Duplex Receptacle And Two RJ11/45 Modular Connector Cover (Wiremold #4046DRJ)	92.24	6.88
26 05 33 23-0282	EA	Double Duplex Receptacle And Four RJ11/45 Modular Connector Cover (Wiremold #4046DRJ-2)	123.63	6.88
26 05 33 23-0283	EA	Tap-Off Fitting (Wiremold #4046H-2)	25.23	6.88
26 05 33 23-0284	EA	Combination Single Receptacle And Phone Outlet Center (Wiremold #4046JRJ)	79.52	3.18
26 05 33 23-0285	EA	Rectangular Receptacle And Two RJ11/45 Modular Connector Cover (Wiremold #4046RRJ)	94.44	6.88
26 05 33 23-0286	EA	1 Gang Device Plate (Wiremold #G4047C-1)	25.23	6.88
26 05 33 23-0287	EA	2 Gang Device Plate (Wiremold #G4047C-2)	29.56	6.88
26 05 33 23-0288	EA	Device Mounting Bracket (Wiremold #4050)	28.72	5.29
26 05 33 23-0289	EA	#4000 To #3000 Take-off Connector (Wiremold #4074A)	135.40	16.41
26 05 33 23-0290	EA	Bridge Fitting (Wiremold #4075D)	121.79	16.41
26 05 33 23-0291	EA	Bridge Fitting (Wiremold #4075DA)	121.79	16.41
26 05 33 23-0292	EA	Panel Connector (Wiremold #4086A)	95.57	31.23
26 05 33 23-0293	EA	Reducing Connector Fitting (Wiremold #4089)	59.19	16.41
26 05 33 23-0294		4-3/4" x 3-9/16" Two Piece Surface Metal Raceways (Wiremold #6000) *(26 05 33 23-0157)*		
		Note: Available in gray enamel (G) or ivory (V).		
26 05 33 23-0295	LF	4-3/4" x 3-9/16" Two Piece Surface Metal Raceway Base (Wiremold #6000B-10)	27.55	5.83
		For Concrete Or Masonry Surface, Add	*0.58*	
26 05 33 23-0296	LF	Raceway Cover (Wiremold #6000C)	8.09	1.58
26 05 33 23-0297	LF	Divider (Wiremold #6000DA)	8.67	1.58
26 05 33 23-0298	EA	Wire Clips For Conductors (Wiremold #6000WC)	8.45	2.65
26 05 33 23-0299	EA	Couplings (Wiremold #6001A)	22.36	5.29
26 05 33 23-0300	EA	Divider Clip (Wiremold #6001D)	10.49	2.65
26 05 33 23-0301	EA	Converter Coupling (Wiremold #6001TX)	29.27	6.88
26 05 33 23-0302	EA	Connection Cover (Wiremold #6006)	27.62	6.88
26 05 33 23-0303	EA	Single Gang Device Plate (Wiremold #6007C-1)	29.12	6.88
26 05 33 23-0304	EA	Two Gang Device Plate (Wiremold #6007C-2)	32.18	6.88
26 05 33 23-0305	EA	C-Hanger (Wiremold #6008A)	46.74	10.06
26 05 33 23-0306	EA	Blank End Fittings (Wiremold #6010B)	48.05	15.88
26 05 33 23-0307	EA	Combination Flat Elbow (Wiremold #6011TX)	96.71	15.88
26 05 33 23-0308	EA	Internal-External 45 Degree Elbow (Wiremold #6012TX)	98.76	15.25
26 05 33 23-0309	EA	Connector Fitting (Wiremold #6014A)	143.45	16.41
26 05 33 23-0310	EA	Combination Internal-External Elbow (Wiremold #6017TX)	99.47	18.00
26 05 33 23-0311	EA	Circuit Breaker Housing (Wiremold #6046KD)	179.54	18.00
26 05 33 23-0312	EA	#6000 To #6000 Take-off Connector (Wiremold #6074)	173.94	15.88
26 05 33 23-0313	EA	#6000 To #4000 Take-off Connector (Wiremold #6074A)	188.80	15.88
26 05 33 23-0314	EA	Panel Connector (Wiremold #6086)	101.70	36.85
26 05 33 23-0315		Two Piece Surface Aluminum Raceways *(26 05 33 23-0056)*		
		Note: Exposed installations on masonry, concrete block or drywall walls or ceilings. (Wiremold or approved equal).		
26 05 33 23-0316		1-7/16" x 1-1/8" Two Piece Surface Aluminum Raceways (Wiremold #AL2000) *(26 05 33 23-0315)*		
26 05 33 23-0317	LF	1-7/16" x 1-1/8" Two Piece Surface Aluminum Raceway Base (Wiremold #AL2000B)	10.78	2.65
		For Concrete Or Masonry Surface, Add	*0.26*	
26 05 33 23-0318	LF	Aluminum Raceway Cover (Wiremold #AL2000C)	5.41	0.53
26 05 33 23-0319	EA	Wire Clip (Wiremold #AL2000WC)	5.22	2.12
26 05 33 23-0320	EA	Coupling (Wiremold #AL2001)	11.46	2.65
26 05 33 23-0321	EA	Supporting Clip (Wiremold #AL2003)	5.65	1.58
26 05 33 23-0322	EA	Cover Clip (Wiremold #AL2006)	7.18	1.58
26 05 33 23-0323	EA	Ground Clamp (Wiremold #AL2009)	10.26	2.65

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 23-0324	EA	Entrance End Fitting (Wiremold #AL2010A)	28.64	7.94
26 05 33 23-0325	EA	Blank End Fitting (Wiremold #AL2010B)	9.26	2.65
26 05 33 23-0326	EA	Flat 90 Degree Elbow (Wiremold #AL2011)	33.31	6.88
26 05 33 23-0327	EA	Tee (Wiremold #AL2015)	45.14	9.96
26 05 33 23-0328	EA	Internal Corner Elbow (Wiremold #AL2017)	30.19	5.29
26 05 33 23-0329	EA	External Corner Elbow (Wiremold #AL2018)	30.13	5.29
26 05 33 23-0330	EA	2 To 15 Amperes, In-Line Receptacle (Wiremold #AL2043)	49.19	10.49
26 05 33 23-0331	EA	4-13/16" Round Fixture Box (Wiremold #AL2038)	114.58	9.42
26 05 33 23-0332	EA	4-1/2" x 3" x 2-1/4" D Box (Wiremold #AL2044)	50.72	9.42
26 05 33 23-0333	EA	4-5/8" x 4-7/8" x 2-1/2" D Box (Wiremold #AL2044-2)	105.43	10.49
26 05 33 23-0334	EA	Single Gang Shallow Device Box (Wiremold #AL2047)	52.54	9.42
26 05 33 23-0335	EA	2-Gang Shallow Device Box (Wiremold #AL2047-2)	93.15	10.49
26 05 33 23-0336	EA	Flush Plate Adapter (Wiremold #AL2051H)	39.67	10.49

26 05 33 23-0337 2" x 1-9/32" Two Piece Surface Aluminum Raceways (Wiremold #AL2400)

(26 05 33 23-0315)

26 05 33 23-0338	LF	2" x 1-9/32" Two Piece Surface Aluminum Raceway Base (Wiremold #AL2400B)	12.11	2.65
		For Concrete Or Masonry Surface, Add	*0.26*	
26 05 33 23-0339	LF	Aluminum Raceway Cover (Wiremold #AL2400C)	5.59	0.53
26 05 33 23-0340	EA	Wire Clip (Wiremold #AL2400WC)	7.17	2.12
26 05 33 23-0341	EA	Coupling (Wiremold #AL2401)	13.31	2.65
26 05 33 23-0342	EA	Cover Clip (Wiremold #AL2406)	9.36	1.58
26 05 33 23-0343	EA	Ground Clamp (Wiremold #AL2409)	8.22	2.12
26 05 33 23-0344	EA	Blank End (Wiremold #AL2410B)	10.27	2.65
26 05 33 23-0345	EA	End Fitting (Wiremold #AL2410B2)	21.92	7.94
26 05 33 23-0346	EA	Flat 90 Degree Elbow (Wiremold #AL2411)	40.31	7.94
26 05 33 23-0347	EA	Tee (Wiremold #AL2415)	44.00	7.83
26 05 33 23-0348	EA	Fourway Fitting (Wiremold #AL2416)	51.75	7.83
26 05 33 23-0349	EA	Internal Coupling (Wiremold #AL2417)	40.17	7.83
26 05 33 23-0350	EA	External Coupling (Wiremold #AL2418)	43.28	7.83
26 05 33 23-0351	EA	4-1/2" x 4-1/2" Back Feed Fitting (Wiremold #AL2451H)	35.92	7.94

26 05 33 23-0352 2-7/8" x 1-7/8" Two Piece Surface Aluminum Raceways (Wiremold #AL3300) *(26 05 33 23-0315)*

26 05 33 23-0353	LF	2-7/8" x 1-7/8" Two Piece Surface Aluminum Raceway Base (Wiremold #AL3300B)	21.91	4.76
		For Concrete Or Masonry Surface, Add	*0.48*	
26 05 33 23-0354	LF	Aluminum Raceway Cover (Wiremold #AL3300CE)	6.68	0.53
26 05 33 23-0355	LF	Raceway Divider (Wiremold #AL3300D)	5.49	4.76
26 05 33 23-0356	EA	Wire Clips For Conductors (Wiremold #AL3300WC)	10.57	2.12
26 05 33 23-0357	EA	Couplings (Wiremold #AL3301)	18.75	2.12
26 05 33 23-0358	EA	Divider Coupling (Wiremold #AL3301D)	15.94	2.65
26 05 33 23-0359	EA	Ground Clamp (Wiremold #AL3309)	10.63	2.12
26 05 33 23-0360	EA	Blank End Fittings (Wiremold #AL3310B)	22.16	4.23
26 05 33 23-0361	EA	End Fitting (Wiremold #AL3310B1)	35.19	10.06
26 05 33 23-0362	EA	Flat 90 Degree Elbow (Wiremold #AL3311) Note: Includes two (2) AL3301 couplings.	111.47	13.13
26 05 33 23-0363	EA	Tee Fitting (Wiremold #AL3315) Note: Includes three (3) AL3301 couplings.	127.52	16.41
26 05 33 23-0364	EA	Cross Fitting (Wiremold #AL3316) Note: Includes four (4) AL3301 couplings.	144.77	16.41
26 05 33 23-0365	EA	Internal Elbow (Wiremold #AL3317) Note: Includes two (2) AL3301 couplings.	105.02	10.06
26 05 33 23-0366	EA	External Elbow (Wiremold #AL3318) Note: Includes two (2) AL3301 couplings.	105.14	10.06
26 05 33 23-0367	EA	Duplex Receptacle Cover (Wiremold #AL3346D)	23.07	3.18
26 05 33 23-0368	EA	Single Receptacle Cover (Wiremold #AL3346E)	22.92	3.18
26 05 33 23-0369	EA	GFCI/Surge Receptacle Cover (Wiremold #AL3346G)	22.67	3.18
26 05 33 23-0370	EA	Single Device Cover Plate (Wiremold #AL3356R)	22.81	2.65

26 05 33 23-0371 5" x 2" Two Piece Surface Aluminum Raceways (Wiremold #AL5200) *(26 05 33 23-0315)*

26 05 33 23-0372	LF	5" x 2" Two Piece Surface Aluminum Raceway Base (Wiremold #AL5200B-10)	26.35	4.76
		For Concrete Or Masonry Surface, Add	*0.51*	
26 05 33 23-0373	LF	Aluminum Raceway Cover (Wiremold #AL5200C)	10.99	0.53
26 05 33 23-0374	LF	Divider (Wiremold #AL5200D)	6.41	0.53
26 05 33 23-0375	EA	Wire Clips For Conductors (Wiremold #AL5200WC)	8.74	2.65
26 05 33 23-0376	EA	Wire Clips For Conductors (Wiremold #AL5200WC2)	7.30	2.65
26 05 33 23-0377	EA	Wire Clips For Conductors (Wiremold #AL5200WC3)	7.25	2.65
26 05 33 23-0378	EA	Couplings (Wiremold #AL5201)	16.86	3.18
26 05 33 23-0379	EA	Cover Clip (Wiremold #AL5206)	15.08	3.18
26 05 33 23-0380	EA	Ground Adapter (Wiremold #AL5209)	18.66	3.18
26 05 33 23-0381	EA	Blank End Fittings (Wiremold #AL5210B)	19.80	4.23
26 05 33 23-0382	EA	Blank End Fittings (Wiremold #AL5210B1)	21.29	4.23
26 05 33 23-0383	EA	Blank End Fittings (Wiremold #AL5210B2)	21.62	4.23
26 05 33 23-0384	EA	Blank End Fittings (Wiremold #AL5210B3)	20.94	4.23
26 05 33 23-0385	EA	Flat 90 Degree Elbow (Wiemold #AL5211) Note: Includes two (2) pairs of AL5201 couplings.	110.53	13.24
26 05 33 23-0386	EA	Wall Box Connector (Wiremold #AL5214)	86.18	16.41

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 23-0387	EA	Tee Fitting (Wiremold #AL5215)	129.22	16.41
		Note: Includes three (3) pairs of AL5201 couplings.		
26 05 33 23-0388	EA	Four Way Fitting (Wiremold #AL5216)	141.96	16.41
		Note: Includes four (4) pairs of AL5201 couplings.		
26 05 33 23-0389	EA	Internal Elbow (Wiremold #AL5217)	114.39	16.41
		Note: Includes two (2) pairs of AL5201 couplings.		
26 05 33 23-0390	EA	Internal Corner Coupling (Wiremold #AL5217A)	47.33	16.41
26 05 33 23-0391	EA	Inverted Internal Elbow (Wiremold #AL5217N)	117.64	16.41
26 05 33 23-0392	EA	External Elbow (Wiremold #AL5218)	115.40	16.41
		Note: Includes two (2) pairs of AL5201 couplings.		
26 05 33 23-0393	EA	Blank Device Cover Plate (Wiremold #AL5246B)	24.79	3.18
26 05 33 23-0394	EA	Receptacle Device Cover Plate (Wiremold #AL5246D)	29.45	3.18
26 05 33 23-0395	EA	Double Receptacle Device Cover Plate (Wiremold #AL5246DD)	35.03	3.18
26 05 33 23-0396	EA	Device Cover Plate (Wiremold #AL5246F)	32.83	3.18
26 05 33 23-0397	EA	Device Cover Plate (Wiremold #AL5246G)	30.28	3.18
26 05 33 23-0398	EA	Offset Divider (Wiremold #AL5260)	28.08	6.88

26 05 33 23-0399 3" x 2-1/4" Two Piece Surface Aluminum Raceways (Wiremold #ALA3800)

(26 05 33 23-0315)

26 05 33 23-0400	LF	Single Channel, 3" x 2-1/4" Two Piece Surface Aluminum Raceway Base (Wiremold #ALA3800B-10)	23.39	4.76
26 05 33 23-0401	EA	Cover Clip (Wiremold #ALA3806)	11.09	3.18
26 05 33 23-0402	EA	Blank End Fittings (Wiremold #ALA3810B)	19.62	4.23
26 05 33 23-0403	EA	Entrance End Cap Fittings (Wiremold #ALA3810B1)	21.13	4.23
26 05 33 23-0404	EA	Flat 90 Degree Elbow (Wiremold #ALA3811)	109.39	13.24
		Note: Includes two (2) ALA01 couplings.		
26 05 33 23-0405	EA	Flat Tee Fitting (Wiremold #ALA3815)	112.50	16.41
		Note: Includes three (3) ALA01 couplings.		
26 05 33 23-0406	EA	Internal Elbow (Wiremold #ALA3817)	109.63	16.41
		Note: Includes two (2) ALA01 couplings.		
26 05 33 23-0407	EA	Inverted Internal Elbow (Wiremold #ALA3817N)	129.44	16.41
		Note: Includes two (2) ALA01 couplings.		
26 05 33 23-0408	EA	External Elbow (Wiremold #ALA3818)	111.10	16.41
		Note: Includes two (2) ALA01 couplings.		

26 05 33 23-0409 6" x 2-1/4" Two Piece Surface Aluminum Raceways (Wiremold #ALA4800)

(26 05 33 23-0315)

26 05 33 23-0410	LF	Two Channel, 6" x 2-1/4" Two Piece Surface Aluminum Raceway Base (Wiremold #ALA4800B-10)	39.01	4.76
26 05 33 23-0411	EA	Cover Clip (Wiremold #ALA4806)	16.58	3.18
26 05 33 23-0412	EA	Blank End Fittings (Wiremold #ALA4810B)	21.68	4.23
26 05 33 23-0413	EA	Entrance End Cap Fittings (Wiremold #ALA4810B2)	24.29	4.23
26 05 33 23-0414	EA	Flat 90 Degree Elbow (Wiremold #ALA4811)	145.80	13.24
		Note: Includes four (4) ALA01 couplings.		
26 05 33 23-0415	EA	Flat Tee Fitting (Wiremold #ALA4815)	200.11	16.41
		Note: Includes six (6) ALA01 couplings.		
26 05 33 23-0416	EA	Internal Elbow (Wiremold #ALA4817)	133.40	16.41
		Note: Includes four (4) ALA01 couplings.		
26 05 33 23-0417	EA	Inverted Internal Elbow (Wiremold #ALA4817N)	157.98	16.41
		Note: Includes four (4) ALA01 couplings.		
26 05 33 23-0418	EA	External Elbow (Wiremold #ALA4818)	140.32	16.41
		Note: Includes four (4) ALA01 couplings.		

26 05 33 23-0419 Two Piece Surface Aluminum Raceways Fittings (Wiremold #ALA3800 And #ALA4800) *(26 05 33 23-0315)*

See CSI section 26 27 26 00-0010 for receptacles.

26 05 33 23-0420	LF	3" Wide Aluminum Raceway Cover (Wiremold #ALAC-5)	8.43	0.53
		Note: For use with ALA3800 single channel raceway and ALA4800 dual channel raceway.		
26 05 33 23-0421	EA	Wire Clips (Wiremold #ALAWC)	7.40	2.65
26 05 33 23-0422	EA	Slide Couplings (Wiremold #ALA01)	18.27	3.18
26 05 33 23-0423	EA	Grounding Adapter (Wiremold #ALA09)	15.38	3.18
26 05 33 23-0424	EA	Bend Radius Control Insert For Flat Elbow (Wiremold #ALA11RI)	41.75	13.24
26 05 33 23-0425	EA	Internal Corner Coupling (Wiremold #ALA17A)	49.62	16.41
26 05 33 23-0426	EA	Bend Radius Control Insert For Internal And External Elbow (Wiremold #ALA17/18RI)	46.95	13.24
26 05 33 23-0427	EA	Blank Cover Plate (Wiremold #ALA-BL)	20.34	3.18
26 05 33 23-0428	EA	Duplex Receptacle Cover Plate (Wiremold #ALA-DR)	21.76	3.18
26 05 33 23-0429	EA	Single Receptacle Cover Plate, 1.40" Diameter Opening (Wiremold #ALA-E)	22.70	3.18
26 05 33 23-0430	EA	Single Receptacle Cover Plate, 1.59" Diameter Opening (Wiremold #ALA-F)	22.28	3.18
26 05 33 23-0431	EA	GFCI/Surge/Decorator Cover Plate (Wiremold #ALA-G)	21.95	3.18
26 05 33 23-0432	EA	Single Receptacle Cover Plate, 2.13" Diameter Opening (Wiremold #ALA-J)	22.71	3.18
26 05 33 23-0433	EA	Toggle Switch Cover Plate (Wiremold #ALA-N)	23.33	3.18
26 05 33 23-0434	EA	Active LPB Cover Plate (Wiremold #ALA-LPB)	30.21	3.18
26 05 33 23-0435	EA	Active MAB Cover Plate (Wiremold #ALA-MAB)	28.33	3.18
26 05 33 23-0436	EA	Ortronics Cover Plate (Wiremold #ALA-MABRT)	32.82	3.18
26 05 33 23-0437	EA	1-3/4" x 2-3/4" Cover Plate (Wiremold #ALA-SG)	21.27	3.18
26 05 33 23-0438	EA	Active 2A Cover Plate (Wiremold #ALA-2A)	31.67	3.18
26 05 33 23-0439	EA	Ortronics Communications Cover Plate (Wiremold #ALA-ABRT)	28.89	3.18
26 05 33 23-0440	EA	3/4" Grommet/Mousehole Cover Plate (Wiremold #ALA-Z)	23.27	3.18
26 05 33 23-0441	EA	Ortronics Low Profile Cover Plate (Wiremold #ALA-LPB3S2)	29.16	3.18

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 23-0442			Surface Non-Metallic Raceways *(26 05 33 23-0001)* Note: Exposed on flat wall surface.		
26 05 33 23-0443			One Piece Surface Non-Metallic Raceways *(26 05 33 23-0442)* Note: Exposed on flat wall surface. (Wiremold or approved equal).		
26 05 33 23-0444			7/8" x 7/16" One Piece Surface Non-Metallic Raceways (Wiremold #400) *(26 05 33 23-0443)*		
26 05 33 23-0445	LF		7/8" x 7/16" One Piece Surface Non-Metallic Raceway Base And Cover (Wiremold #400BAC)	6.26	2.12
			For Concrete Or Masonry Surface, Add	*0.21*	
26 05 33 23-0446	EA		Wire Clip (Wiremold #400WC)	4.66	2.12
26 05 33 23-0447	EA		Cover Clip (Wiremold #406)	4.93	2.12
26 05 33 23-0448	EA		Blank End Clip (Wiremold #410B)	9.47	4.23
26 05 33 23-0449	EA		Flat 90 Degree Elbow (Wiremold #411)	11.15	4.23
26 05 33 23-0450	EA		Tee (Wiremold #415)	14.04	5.29
26 05 33 23-0451	EA		Internal Elbow (Wiremold #417)	10.94	4.23
26 05 33 23-0452	EA		External Elbow (Wiremold #418)	10.94	4.23
26 05 33 23-0453			1-5/16" x 7/16" One Piece Surface Non-Metallic Raceways (Wiremold #800) *(26 05 33 23-0443)*		
26 05 33 23-0454	LF		1-5/16" x 7/16" One Piece Surface Non-Metallic Raceway Base And Cover (Wiremold #800BAC)	7.00	2.12
			For Concrete Or Masonry Surface, Add	*0.21*	
26 05 33 23-0455	EA		Wire Clip (Wiremold #800WC)	4.69	2.12
26 05 33 23-0456	EA		Cover Clip (Wiremold #806)	4.79	2.12
26 05 33 23-0457	EA		Entrance End Fitting (Wiremold #810A2)	14.63	4.23
26 05 33 23-0458	EA		Blank End Fitting (Wiremold #810B)	9.47	4.23
26 05 33 23-0459	EA		Flat 90 Degree Elbow (Wiremold #811)	10.96	4.23
26 05 33 23-0460	EA		Tee (Wiremold #815)	13.77	5.29
26 05 33 23-0461	EA		Internal Elbow (Wiremold #817)	10.74	4.23
26 05 33 23-0462	EA		External Elbow (Wiremold #818)	10.74	4.23
26 05 33 23-0463	EA		End Reducer, #800 To #400 (Wiremold #889A)	12.15	4.23
26 05 33 23-0464			2-1/4" x 11/16" One Piece Surface Non-Metallic Raceways (Wiremold #2300) *(26 05 33 23-0443)*		
26 05 33 23-0465	LF		2-1/4" x 11/16" One Piece Surface Non-Metallic Raceway Base And Cover (Wiremold #2300BAC)	8.09	2.12
			For Concrete Or Masonry Surface, Add	*0.21*	
26 05 33 23-0466	LF		2-1/4" x 11/16" One Piece Surface Non-Metallic Divided Raceway Base And Cover (Wiremold #2300BACD)	8.62	2.12
			For Concrete Or Masonry Surface, Add	*0.21*	
26 05 33 23-0467	EA		Wire Clip (Wiremold #2300WC)	4.92	2.12
26 05 33 23-0468	EA		Cover Clip (Wiremold #2306)	5.19	2.12
26 05 33 23-0469	EA		Entrance End Fitting (Wiremold #2310A)	15.93	4.23
26 05 33 23-0470	EA		Blank End Fitting (Wiremold #2310B)	9.98	4.23
26 05 33 23-0471	EA		Divided Entrance End Fitting (Wiremold #2310DFO)	17.96	4.23
26 05 33 23-0472	EA		Flat 90 Degree Elbow (Wiremold #2311)	11.18	4.23
26 05 33 23-0473	EA		Divided Flat 90 Degree Elbow (Wiremold #2311DFO)	12.04	4.23
26 05 33 23-0474	EA		Tee (Wiremold #2315)	13.90	5.29
26 05 33 23-0475	EA		Internal Elbow (Wiremold #2317)	11.18	4.23
26 05 33 23-0476	EA		Divided Internal Elbow (Wiremold #2317DFO)	12.05	4.23
26 05 33 23-0477	EA		External Elbow (Wiremold #2318)	11.20	4.23
26 05 33 23-0478	EA		Divided External Elbow (Wiremold #2318DFO)	12.21	4.23
26 05 33 23-0479	EA		End Reducer, #2300 To #400 (Wiremold #2389)	12.22	4.23
26 05 33 23-0480	EA		End Reducer, #2300 To #800 (Wiremold #2389A)	12.77	4.23
26 05 33 23-0481			One Piece Surface Non-Metallic Raceway Fittings (Wiremold #400, #800 Or #2300) *(26 05 33 23-0443)*		
26 05 33 23-0482	EA		Blank Cover, 4-1/2" Diameter (Wiremold #2336)	13.67	3.71
26 05 33 23-0483	EA		Extension Box, 5-1/2" Diameter (Wiremold #2337A)	22.57	4.23
26 05 33 23-0484	EA		-A Fixture Box, 5-1/2" Diameter (Wiremold #233)	22.69	4.23
26 05 33 23-0485	EA		Extra Deep Device Box, 1 Gang, 2-3/4" Deep x 4-3/4" Long x 3" Wide (Wiremold #2344)	20.45	4.23
26 05 33 23-0486	EA		Extra Deep Device Box, 2 Gang, 2-3/4" Deep x 4-3/4" Long x 4-7/8" Wide (Wiremold #2344-2)	23.75	4.23
26 05 33 23-0487	EA		Extra Deep Divided Device Box, 1 Gang, 2-3/4" Deep x 4-3/4" Long x 3" Wide (Wiremold #2344D)	22.31	4.23
26 05 33 23-0488	EA		Deep Divided Device Box, 2 Gang, 2-1/4" Deep x 4-3/4" Long x 4-7/8" Wide (Wiremold #2344SD-2A)	24.26	4.23
26 05 33 23-0489	EA		1-Gang Standard Device Box, 1-3/8" Deep x 4-3/4" Long x 3" Wide (Wiremold #2347)	20.21	6.88
26 05 33 23-0490	EA		2-Gang Standard Device Box, 1-3/8" Deep x 4-3/4" Long x 4-7/8" Wide (Wiremold #2347-2)	23.12	6.88
26 05 33 23-0491	EA		1-Gang Deep Device Box, 1-3/4" Deep x 4-3/4" Long x 3" Wide (Wiremold #2348)	21.06	6.88
26 05 33 23-0492	EA		2-Gang Deep Device Box, 1-3/4" Deep x 4-3/4" Long x 4-7/8" Wide (Wiremold #2348-2)	25.44	6.88
26 05 33 23-0493	EA		3-Gang Deep Device Box, 1-3/4" Deep x 5" Long x 7" Wide (Wiremold #2348-3)	30.52	6.88
26 05 33 23-0494	EA		1-Gang Deep Device Box With Magnetic Backing, 1-3/4" Deep x 4-3/4" Long x 3" Wide (Wiremold #2348AMP)	28.90	6.88
26 05 33 23-0495	EA		1-Gang Divided Deep Device Box, 1-3/4" Deep x 4-3/4" Long x 3" Wide (Wiremold #2348D)	26.13	6.88
26 05 33 23-0496	EA		Shallow Device And Extension Box, 7/8" Deep x 4-3/4" Long x 3" Wide (Wiremold #2348S/51)	19.78	6.88
26 05 33 23-0497			3/4" x 3/8" One Piece Surface Non-Metallic Raceways (Wiremold #2700) *(26 05 33 23-0443)*		
26 05 33 23-0498	LF		3/4" x 3/8" One Piece Surface Non-Metallic Raceway Base And Cover (Wiremold #2700)	5.73	2.12
			For Concrete Or Masonry Surface, Add	*0.21*	
26 05 33 23-0499	EA		3/4" Wire Clip (Wiremold #2700WC)	2.44	1.06
26 05 33 23-0500	EA		Cover Clip (Wiremold #2706)	3.71	1.06

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 23-0501	EA	Blank End (Wiremold #2710B)	5.81	2.12
26 05 33 23-0502	EA	Flat 90 Degree Elbow (Wiremold #2711)	6.91	2.65
26 05 33 23-0503	EA	Tee (Wiremold #2715)	11.16	4.76
26 05 33 23-0504	EA	Internal Elbow (Wiremold #2717)	7.98	3.18
26 05 33 23-0505	EA	External Elbow (Wiremold #2718)	7.97	3.18
26 05 33 23-0506	EA	Drop Ceiling Connector (Wiremold #2786)	9.40	3.71

26 05 33 23-0507 1" x 1/2" One Piece Surface Non-Metallic Raceways (Wiremold #2800) *(26 05 33 23-0443)*

26 05 33 23-0508	LF	1" x 1/2" One Piece Surface Non-Metallic Raceway Base And Cover (Wiremold #2800)	7.36	2.65
		For Concrete Or Masonry Surface, Add	*0.26*	
26 05 33 23-0509	EA	1" Wire Clip (Wiremold #2800WC)	3.63	1.58
26 05 33 23-0510	EA	Cover Clip (Wiremold #2806)	4.86	1.58
26 05 33 23-0511	EA	Blank End (Wiremold #2810B)	6.97	2.65
26 05 33 23-0512	EA	Flat 90 Degree Elbow (Wiremold #2811)	9.16	3.71
26 05 33 23-0513	EA	Radiused Flat 90 Degree Elbow (Wiremold #2811FO)	9.77	3.71
26 05 33 23-0514	EA	Tee (Wiremold #2815)	13.40	5.83
26 05 33 23-0515	EA	Internal Elbow (Wiremold #2817)	10.20	4.23
26 05 33 23-0516	EA	External Elbow (Wiremold #2818)	10.22	4.23
26 05 33 23-0517	EA	Radiused Tee (Wiremold #2815FO)	14.22	5.83
26 05 33 23-0518	EA	Radiused Internal Elbow (Wiremold #2817FO)	10.93	4.23
26 05 33 23-0519	EA	Radiused External Elbow (Wiremold #2818FO)	10.83	4.23
26 05 33 23-0520	EA	Drop Ceiling Connector (Wiremold #2886)	11.51	4.76
26 05 33 23-0521	EA	Reducer, #2800 To #2700 (Wiremold #2889)	10.37	4.23

26 05 33 23-0522 1-1/2" x 3/4" One Piece Surface Non-Metallic Raceways (Wiremold #2900) *(26 05 33 23-0443)*

26 05 33 23-0523	LF	1-1/2" x 3/4" One Piece Surface Non-Metallic Raceway Base And Cover (Wiremold #2900)	8.96	3.18
		For Concrete Or Masonry Surface, Add	*0.32*	
26 05 33 23-0524	EA	1-1/2" Wire Clip (Wiremold #2900WC)	4.78	2.12
26 05 33 23-0525	EA	Cover Clip (Wiremold #2906)	6.04	2.12
26 05 33 23-0526	EA	Blank End (Wiremold #2910B)	8.17	3.18
26 05 33 23-0527	EA	Flat 90 Degree Elbow (Wiremold #2911)	10.29	4.23
26 05 33 23-0528	EA	Radiused Flat 90 Degree Elbow (Wiremold #2911FO)	11.24	4.23
26 05 33 23-0529	EA	Tee (Wiremold #2915)	14.52	6.36
26 05 33 23-0530	EA	Radiused Tee (Wiremold #2915FO)	15.50	6.36
26 05 33 23-0531	EA	Internal Elbow (Wiremold #2917)	11.35	4.76
26 05 33 23-0532	EA	Radiused Internal Elbow (Wiremold #2917FO)	12.34	4.76
26 05 33 23-0533	EA	External Elbow (Wiremold #2918)	11.34	4.76
26 05 33 23-0534	EA	Radiused External Elbow (Wiremold #2918FO)	12.62	4.76
26 05 33 23-0535	EA	Drop Ceiling Connector (Wiremold #2986)	11.51	4.76
26 05 33 23-0536	EA	Reducer, #2900 To #2800 (Wiremold #2989)	12.79	5.29
26 05 33 23-0537	EA	Reducer, #2900 To #2700 (Wiremold #2989A)	12.46	5.29

26 05 33 23-0538 Two Piece Surface Non-Metallic Raceways *(26 05 33 23-0442)*

Note: Exposed on flat wall surface. (Wiremold or approved equal).

26 05 33 23-0539 5" x 1" Two Piece Surface Non-Metallic Raceways (Wiremold #500) *(26 05 33 23-0538)*

26 05 33 23-0540	LF	5" x 1" Two Piece Surface Non-Metallic Raceway Base (Wiremold #5000B)	13.80	4.76
		For Concrete Or Masonry Surface, Add	*0.48*	
26 05 33 23-0541	LF	Black, Gray Or White, Cover (Wiremold #5000C)	13.15	4.76
26 05 33 23-0542	LF	Oak Veneer, Cover (Wiremold #5000COA)	24.23	4.76
26 05 33 23-0543	LF	Maple Wood Veneer, Cover (Wiremold #5000CW)	19.85	4.76
26 05 33 23-0544	LF	Black, Gray Or White, Quarter Round Trim (Wiremold #5000T)	1.85	0.53
26 05 33 23-0545	LF	Oak Veneer, Quarter Round Trim (Wiremold #5000TOA)	7.40	0.53
26 05 33 23-0546	LF	Maple Wood Veneer, Quarter Round Trim (Wiremold #5000TW)	4.62	0.53
26 05 33 23-0547	EA	Base Coupling (Wiremold #5001)	12.84	5.29
26 05 33 23-0548	EA	Blank/Coax Adapter (Wiremold #5004)	7.16	2.65
26 05 33 23-0549	EA	Low Voltage Blank Plate (Wiremold #5005)	9.53	3.18
26 05 33 23-0550	EA	Cover Clip (Wiremold #5006)	13.77	5.29
26 05 33 23-0551	EA	Internal Wire Guard (Wiremold #5006A)	12.92	5.29
26 05 33 23-0552	EA	Device Bracket (Wiremold #5007C)	14.66	5.29
26 05 33 23-0553	EA	Device Plate (Wiremold #5007C-1)	26.68	10.59
26 05 33 23-0554	EA	Deep Device Plate (Wiremold #5007C-2)	27.57	10.59
26 05 33 23-0555	EA	Right Or Left End Cap (Wiremold #5010)	23.37	10.06
26 05 33 23-0556	EA	Entrance End Feed (Wiremold #5010A)	44.89	16.41
26 05 33 23-0557	EA	Internal Base Elbow (Wiremold #5017B)	31.41	13.24
26 05 33 23-0558	EA	Internal Cover Elbow (Wiremold #5017C)	28.17	10.59
26 05 33 23-0559	EA	Internal Elbow Wire Guard (Wiremold #5017WG)	19.38	7.94
26 05 33 23-0560	EA	External Base Elbow (Wiremold #5018B)	31.35	13.24
26 05 33 23-0561	EA	External Cover Elbow (Wiremold #5018C)	28.41	10.59
26 05 33 23-0562	EA	External Elbow Wire Guard (Wiremold #5018WG)	12.69	5.29

26 05 33 23-0563 5-1/4" x 1-11/16" Two Piece Surface Non-Metallic Raceways (Wiremold #5400) *(26 05 33 23-0538)*

26 05 33 23-0564	LF	5-1/4" x 1-11/16", Two Compartment, Two Piece Surface Non-Metallic Raceway Base (Wiremold #5400TB)	15.07	4.76
		For Concrete Or Masonry Surface, Add	*0.48*	
26 05 33 23-0565	LF	Full Width Cover (Wiremold #5400C)	5.13	0.53

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 23-0566	LF	Twin Snap Cover (Wiremold #5400TC)	3.32	0.53
26 05 33 23-0567	EA	Twin Snap Cover Wire Clips (Wiremold #5400TWC)	5.88	2.65
26 05 33 23-0568	EA	Cover Clip (Wiremold #5406A)	9.81	3.18
26 05 33 23-0569	EA	Twin Cover Clip (Wiremold #5406T)	8.31	3.18
26 05 33 23-0570	EA	Base Seam Clip (Wiremold #5406TB)	7.47	3.18
26 05 33 23-0571	EA	L Or R (Left Or Right) Transition Fitting (Wiremold #5408)	55.69	16.41
26 05 33 23-0572	EA	End Cap (Wiremold #5410)	27.46	10.06
26 05 33 23-0573	EA	Radiused Divided Entrance Cap Fitting (Wiremold #5410DFO)	53.52	16.41
26 05 33 23-0574	EA	Radiused Flat 90 Degree Elbow (Wiremold #5411FO)	48.65	13.24
26 05 33 23-0575	EA	Tee Fitting (Wiremold #5415)	56.21	16.41
26 05 33 23-0576	EA	Radiused Tee Fitting (Wiremold #5415FO)	58.79	16.41
26 05 33 23-0577	EA	Radiused Internal Elbow (Wiremold #5417FO)	46.77	16.41
26 05 33 23-0578	EA	External Elbow (Wiremold #5418)	47.42	16.41
26 05 33 23-0579	EA	Radiused External Elbow (Wiremold #5418FO)	48.01	16.41
26 05 33 23-0580	EA	5-5/32" x 6" Device Bracket (Wiremold #5450)	22.39	5.29
26 05 33 23-0581	EA	7-19/32" x 7-1/2" Device Bracket (Wiremold #5450A3)	29.41	5.29
26 05 33 23-0582	EA	2-1/2" x 4-7/8" Twin Snap Device Bracket (Wiremold #5450T)	17.20	5.29
26 05 33 23-0583	EA	Transition Fitting (Wiremold #5474)	49.22	16.41
26 05 33 23-0584		6-11/16" x 1-11/16" Two Piece Surface Non-Metallic Raceways (Wiremold #5500) *(26 05 33 23-0538)*		
26 05 33 23-0585	LF	6-11/16" x 1-11/16", Three Compartment Divided, Two Piece Surface Non-Metallic Raceway Base (Wiremold #5500BD3)	18.75	4.76
		For Concrete Or Masonry Surface, Add	*0.48*	
26 05 33 23-0586	LF	Cover (Wiremold #5500C)	6.72	0.53
26 05 33 23-0587	EA	Wire Clips (Wiremold #5500WC)	6.82	2.65
26 05 33 23-0588	EA	Cover Clip (Wiremold #5506)	10.99	3.18
26 05 33 23-0589	EA	Base Seam Clip Fitting (Wiremold #5506B)	7.86	3.18
26 05 33 23-0590	EA	Modular Furniture Adapter (Wiremold #5507AD)	10.26	3.18
26 05 33 23-0591	EA	Blank Faceplate (Wiremold #5507B)	10.30	3.18
26 05 33 23-0592	EA	Duplex Receptacle Faceplate (Wiremold #5507D)	10.36	3.18
26 05 33 23-0593	EA	Dual RJ Connector Faceplate (Wiremold #5507FRJ)	10.36	3.18
26 05 33 23-0594	EA	Rectangular Receptacle Faceplate (Wiremold #5507R)	10.25	3.18
26 05 33 23-0595	EA	Dual RJ Connector Faceplate (Wiremold #5507RJ)	10.28	3.18
26 05 33 23-0596	EA	Rectangular Spacer Fitting (Wiremold #5507S)	10.20	3.18
26 05 33 23-0597	EA	Switch Faceplate (Wiremold #5507SW)	10.22	3.18
26 05 33 23-0598	EA	Twistlock Faceplate (Wiremold #5507T1)	10.30	3.18
26 05 33 23-0599	EA	Single Receptacle Faceplate (Wiremold #5507T2)	10.09	3.18
26 05 33 23-0600	EA	6-5/8" x 6" Device Bracket (Wiremold #5550)	26.69	5.29
26 05 33 23-0601	EA	9-5/8" x 7-1/2" Device Bracket (Wiremold #5550A4)	35.75	5.29
26 05 33 23-0602	EA	End Cap (Wiremold #5510)	29.74	10.06
26 05 33 23-0603	EA	Entrance End Fitting (Wiremold #5510D)	60.78	16.41
26 05 33 23-0604	EA	Radiused Flat 90 Degree Elbow (Wiremold #5511FO)	55.34	13.24
26 05 33 23-0605	EA	Backfeed Connector (Wiremold #5514A)	44.64	13.24
26 05 33 23-0606	EA	Tee Fitting (Wiremold #5515)	63.81	16.41
26 05 33 23-0607	EA	Radiused Internal Elbow (Wiremold #5517FO)	51.42	16.41
26 05 33 23-0608	EA	External Elbow (Wiremold #5518)	52.65	16.41
26 05 33 23-0609	EA	Radiused External Elbow (Wiremold #5518FO)	55.27	16.41
26 05 33 23-0610	EA	Transition Fitting (Wiremold #5574)	50.17	16.41
26 05 33 23-0611	EA	Transition Fitting (Wiremold #5574A)	67.11	16.41
26 05 33 23-0612		Surface Cable Protection System *(26 05 33 23)*		
26 05 33 23-0613	EA	35-1/2" Long x 18-9/16" Wide x 3" High, Three Channel, Heavy Duty Polyurethene, Surface Cable Protector (Yellow Jacket® CP-YJHD-3) Note: Modular interlocking design with hinged lid.	624.99	
26 05 33 23-0614	EA	35-3/4" Long x 19-3/4" Wide x 1-7/8" High, Five Channel, Heavy Duty Polyurethene, Surface Cable Protector (Yellow Jacket® CP-YJHD-5) Note: Modular interlocking design with hinged lid.	470.93	

26 05 36 Cable Trays for Electrical Systems *(26 05)*

26 05 36 00-0001		Cable Trays *(26 05 36)* Note: Excludes supporting hangers.		
26 05 36 00-0002		Ladder Bottom Galvanized Steel Cable Tray *(26 05 36 00-0001)*		
26 05 36 00-0003		4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray *(26 05 36 00-0002)*		
26 05 36 00-0004		4" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray *(26 05 36 00-0003)*		
26 05 36 00-0005	LF	6" Wide, 4" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	41.86	11.13
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-3.26*	
26 05 36 00-0006	LF	9" Wide, 4" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	45.27	11.94
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-3.54*	
26 05 36 00-0007	LF	12" Wide, 4" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	49.51	12.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-3.88*	
26 05 36 00-0008	LF	18" Wide, 4" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	55.29	13.67
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-4.39*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0009	LF	24" Wide, 4" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	60.91	14.14
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-4.92*	
26 05 36 00-0010	LF	30" Wide, 4" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	74.42	16.34
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-6.09*	
26 05 36 00-0011	LF	36" Wide, 4" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	83.43	18.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-6.79*	
26 05 36 00-0012		**6" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray** *(26 05 36 00-0003)*		
26 05 36 00-0013	LF	6" Wide, 6" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	39.38	10.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-3.03*	
26 05 36 00-0014	LF	9" Wide, 6" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	42.66	11.59
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-3.30*	
26 05 36 00-0015	LF	12" Wide, 6" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	45.48	12.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-3.50*	
26 05 36 00-0016	LF	18" Wide, 6" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	50.00	13.33
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-3.89*	
26 05 36 00-0017	LF	24" Wide, 6" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	54.04	13.79
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-4.26*	
26 05 36 00-0018	LF	30" Wide, 6" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	63.59	15.88
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-5.04*	
26 05 36 00-0019	LF	36" Wide, 6" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	69.47	17.39
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-5.50*	
26 05 36 00-0020		**9" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray** *(26 05 36 00-0003)*		
26 05 36 00-0021	LF	6" Wide, 9" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	37.90	10.77
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-2.90*	
26 05 36 00-0022	LF	9" Wide, 9" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	39.01	11.13
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-2.97*	
26 05 36 00-0023	LF	12" Wide, 9" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	43.10	11.82
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-3.33*	
26 05 36 00-0024	LF	18" Wide, 9" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	47.31	12.40
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-3.69*	
26 05 36 00-0025	LF	24" Wide, 9" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	51.44	12.75
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-4.08*	
26 05 36 00-0026	LF	30" Wide, 9" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	56.10	13.91
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-4.46*	
26 05 36 00-0027	LF	36" Wide, 9" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	60.23	15.06
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-4.77*	
26 05 36 00-0028		**12" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray** *(26 05 36 00-0003)*		
26 05 36 00-0029	LF	6" Wide, 12" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	36.79	10.31
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-2.82*	
26 05 36 00-0030	LF	9" Wide, 12" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	37.56	10.54
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-2.88*	
26 05 36 00-0031	LF	12" Wide, 12" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	39.78	11.13
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-3.05*	
26 05 36 00-0032	LF	18" Wide, 12" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	42.16	11.71
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-3.24*	
26 05 36 00-0033	LF	24" Wide, 12" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	44.04	11.71
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-3.43*	
26 05 36 00-0034	LF	30" Wide, 12" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	48.73	12.63
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-3.82*	
26 05 36 00-0035	LF	36" Wide, 12" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	51.34	13.21
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-4.03*	
26 05 36 00-0036		**18" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray** *(26 05 36 00-0003)*		
26 05 36 00-0037	LF	6" Wide, 18" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	36.31	10.08
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-2.79*	
26 05 36 00-0038	LF	9" Wide, 18" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	36.93	10.31
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-2.83*	
26 05 36 00-0039	LF	12" Wide, 18" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	39.16	10.90
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-3.01*	
26 05 36 00-0040	LF	18" Wide, 18" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	41.13	11.36
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-3.16*	
26 05 36 00-0041	LF	24" Wide, 18" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	41.83	11.48
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-3.23*	
26 05 36 00-0042	LF	30" Wide, 18" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	44.42	12.29
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-3.41*	
26 05 36 00-0043	LF	36" Wide, 18" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	46.31	12.98
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-3.55*	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0044			4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fittings *(26 05 36 00-0002)*		
26 05 36 00-0045			12" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*		
26 05 36 00-0046		EA	6" Wide, 12" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	319.68	116.25
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.28*	
26 05 36 00-0047		EA	9" Wide, 12" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	356.67	132.37
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.63*	
26 05 36 00-0048		EA	12" Wide, 12" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	391.89	146.39
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.99*	
26 05 36 00-0049		EA	18" Wide, 12" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	491.02	179.41
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.15*	
26 05 36 00-0050		EA	24" Wide, 12" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	559.29	205.96
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-38.76*	
26 05 36 00-0051		EA	30" Wide, 12" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	670.32	231.81
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-47.72*	
26 05 36 00-0052		EA	36" Wide, 12" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	773.55	264.95
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-55.28*	
26 05 36 00-0053			24" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*		
26 05 36 00-0054		EA	6" Wide, 24" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	461.49	120.89
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.07*	
26 05 36 00-0055		EA	9" Wide, 24" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	499.61	138.97
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-38.38*	
26 05 36 00-0056		EA	12" Wide, 24" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	535.55	154.50
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-40.68*	
26 05 36 00-0057		EA	18" Wide, 24" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	619.80	191.93
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-45.99*	
26 05 36 00-0058		EA	24" Wide, 24" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	692.99	222.65
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-50.75*	
26 05 36 00-0059		EA	30" Wide, 24" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	771.13	252.67
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-56.06*	
26 05 36 00-0060		EA	36" Wide, 24" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	903.78	292.66
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-65.99*	
26 05 36 00-0061			36" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*		
26 05 36 00-0062		EA	6" Wide, 36" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	498.56	126.33
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-39.33*	
26 05 36 00-0063		EA	9" Wide, 36" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	547.68	146.27
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-42.58*	
26 05 36 00-0064		EA	12" Wide, 36" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	590.82	163.66
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-45.44*	
26 05 36 00-0065		EA	18" Wide, 36" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	707.28	205.96
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-53.56*	
26 05 36 00-0066		EA	24" Wide, 36" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	802.97	241.78
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-60.15*	
26 05 36 00-0067		EA	30" Wide, 36" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	943.58	278.17
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-71.18*	
26 05 36 00-0068		EA	36" Wide, 36" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,068.62	326.85
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-79.63*	
26 05 36 00-0069			12" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0070	EA	6" Wide, 12" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	238.37	84.26
		For 60 Degree Bend, Deduct	*-46.37*	
		For 30 Degree Bend, Deduct	*-81.97*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-16.82*	
26 05 36 00-0071	EA	9" Wide, 12" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	270.36	101.06
		For 60 Degree Bend, Deduct	*-50.49*	
		For 30 Degree Bend, Deduct	*-89.77*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-18.62*	
26 05 36 00-0072	EA	12" Wide, 12" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	299.17	115.91
		For 60 Degree Bend, Deduct	*-54.29*	
		For 30 Degree Bend, Deduct	*-96.93*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-20.26*	
26 05 36 00-0073	EA	18" Wide, 12" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	356.10	146.50
		For 60 Degree Bend, Deduct	*-61.37*	
		For 30 Degree Bend, Deduct	*-110.42*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.40*	
26 05 36 00-0074	EA	24" Wide, 12" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	443.02	179.41
		For 60 Degree Bend, Deduct	*-77.42*	
		For 30 Degree Bend, Deduct	*-139.00*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.35*	
26 05 36 00-0075	EA	30" Wide, 12" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	527.30	205.96
		For 60 Degree Bend, Deduct	*-95.05*	
		For 30 Degree Bend, Deduct	*-169.86*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-35.56*	
26 05 36 00-0076	EA	36" Wide, 12" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	594.99	241.78
		For 60 Degree Bend, Deduct	*-103.66*	
		For 30 Degree Bend, Deduct	*-186.19*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-39.35*	

26 05 36 00-0077 24" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*

26 05 36 00-0078	EA	6" Wide, 24" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	268.79	86.93
		For 60 Degree Bend, Deduct	*-55.40*	
		For 30 Degree Bend, Deduct	*-97.15*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-19.64*	
26 05 36 00-0079	EA	9" Wide, 24" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	306.65	104.77
		For 60 Degree Bend, Deduct	*-61.02*	
		For 30 Degree Bend, Deduct	*-107.53*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.93*	
26 05 36 00-0080	EA	12" Wide, 24" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	349.64	121.00
		For 60 Degree Bend, Deduct	*-69.00*	
		For 30 Degree Bend, Deduct	*-121.72*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.88*	
26 05 36 00-0081	EA	18" Wide, 24" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	409.56	154.50
		For 60 Degree Bend, Deduct	*-75.91*	
		For 30 Degree Bend, Deduct	*-135.11*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.08*	
26 05 36 00-0082	EA	24" Wide, 24" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	503.81	191.93
		For 60 Degree Bend, Deduct	*-92.70*	
		For 30 Degree Bend, Deduct	*-165.16*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.39*	
26 05 36 00-0083	EA	30" Wide, 24" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	590.99	222.65
		For 60 Degree Bend, Deduct	*-109.69*	
		For 30 Degree Bend, Deduct	*-195.19*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-40.55*	
26 05 36 00-0084	EA	36" Wide, 24" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	693.68	265.07
		For 60 Degree Bend, Deduct	*-127.32*	
		For 30 Degree Bend, Deduct	*-226.93*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-47.28*	

26 05 36 00-0085 36" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*

26 05 36 00-0086	EA	6" Wide, 36" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	327.43	89.71
		For 60 Degree Bend, Deduct	*-73.68*	
		For 30 Degree Bend, Deduct	*-127.78*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0087	EA	9" Wide, 36" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	369.54	108.95
		For 60 Degree Bend, Deduct	*-80.19*	
		For 30 Degree Bend, Deduct	*-139.70*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.88*	
26 05 36 00-0088	EA	12" Wide, 36" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	402.73	126.45
		For 60 Degree Bend, Deduct	*-84.43*	
		For 30 Degree Bend, Deduct	*-147.74*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.74*	
26 05 36 00-0089	EA	18" Wide, 36" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	480.82	163.66
		For 60 Degree Bend, Deduct	*-95.92*	
		For 30 Degree Bend, Deduct	*-168.96*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.44*	
26 05 36 00-0090	EA	24" Wide, 36" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	563.29	205.96
		For 60 Degree Bend, Deduct	*-106.92*	
		For 30 Degree Bend, Deduct	*-189.65*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-39.16*	
26 05 36 00-0091	EA	30" Wide, 36" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	686.98	241.78
		For 60 Degree Bend, Deduct	*-134.01*	
		For 30 Degree Bend, Deduct	*-236.79*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-48.55*	
26 05 36 00-0092	EA	36" Wide, 36" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	803.79	292.66
		For 60 Degree Bend, Deduct	*-153.05*	
		For 30 Degree Bend, Deduct	*-271.35*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-55.99*	

26 05 36 00-0093 12" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*

26 05 36 00-0094	EA	6" Wide, 12" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	348.53	115.91
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.19*	
26 05 36 00-0095	EA	9" Wide, 12" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	379.60	132.37
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.93*	
26 05 36 00-0096	EA	12" Wide, 12" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	408.17	146.39
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.62*	
26 05 36 00-0097	EA	18" Wide, 12" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	470.45	179.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.09*	
26 05 36 00-0098	EA	24" Wide, 12" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	521.87	205.96
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-35.02*	
26 05 36 00-0099	EA	30" Wide, 12" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	579.18	231.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-38.60*	
26 05 36 00-0100	EA	36" Wide, 12" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	641.02	264.61
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-42.05*	

26 05 36 00-0101 24" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*

26 05 36 00-0102	EA	6" Wide, 24" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	421.14	120.89
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.04*	
26 05 36 00-0103	EA	9" Wide, 24" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	456.79	139.08
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.09*	
26 05 36 00-0104	EA	12" Wide, 24" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	491.48	154.50
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.27*	
26 05 36 00-0105	EA	18" Wide, 24" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	566.23	191.93
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-40.63*	
26 05 36 00-0106	EA	24" Wide, 24" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	629.92	222.65
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-44.44*	
26 05 36 00-0107	EA	30" Wide, 24" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	694.35	252.67
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-48.38*	
26 05 36 00-0108	EA	36" Wide, 24" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	794.93	292.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-55.10*	

26 05 36 00-0109 36" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0110	EA	6" Wide, 36" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	506.99	126.33
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-40.17*	
26 05 36 00-0111	EA	9" Wide, 36" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	551.02	146.39
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-42.91*	
26 05 36 00-0112	EA	12" Wide, 36" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	583.53	163.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-44.71*	
26 05 36 00-0113	EA	18" Wide, 36" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	679.00	205.96
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-50.73*	
26 05 36 00-0114	EA	24" Wide, 36" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	742.26	241.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-54.08*	
26 05 36 00-0115	EA	30" Wide, 36" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	849.30	278.17
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-61.75*	
26 05 36 00-0116	EA	36" Wide, 36" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	955.34	326.85
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-68.30*	

26 05 36 00-0117 12" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*

26 05 36 00-0118	EA	6" Wide, 12" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	619.85	222.65
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-43.43*	
26 05 36 00-0119	EA	9" Wide, 12" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	670.41	241.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-46.89*	
26 05 36 00-0120	EA	12" Wide, 12" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	703.43	252.67
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-49.29*	
26 05 36 00-0121	EA	18" Wide, 12" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	786.73	278.17
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-55.49*	
26 05 36 00-0122	EA	24" Wide, 12" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	893.50	308.76
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-63.62*	
26 05 36 00-0123	EA	30" Wide, 12" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	998.79	327.43
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-72.60*	
26 05 36 00-0124	EA	36" Wide, 12" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,130.35	370.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-82.14*	

26 05 36 00-0125 24" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*

26 05 36 00-0126	EA	6" Wide, 24" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	792.97	241.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-59.15*	
26 05 36 00-0127	EA	9" Wide, 24" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	850.24	265.07
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-62.94*	
26 05 36 00-0128	EA	12" Wide, 24" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	887.01	278.17
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-65.52*	
26 05 36 00-0129	EA	18" Wide, 24" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	971.49	308.76
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-71.42*	
26 05 36 00-0130	EA	24" Wide, 24" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,077.20	347.71
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-78.74*	
26 05 36 00-0131	EA	30" Wide, 24" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,160.07	370.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-85.12*	
26 05 36 00-0132	EA	36" Wide, 24" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,408.21	428.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-105.14*	

26 05 36 00-0133 36" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*

26 05 36 00-0134	EA	6" Wide, 36" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,024.80	265.07
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-80.40*	
26 05 36 00-0135	EA	9" Wide, 36" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,093.19	292.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-84.93*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0136	EA	12" Wide, 36" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,160.91	308.76
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-90.36*	
26 05 36 00-0137	EA	18" Wide, 36" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,274.04	347.71
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-98.43*	
26 05 36 00-0138	EA	24" Wide, 36" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,445.21	396.97
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-111.44*	
26 05 36 00-0139	EA	30" Wide, 36" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,567.91	428.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-121.11*	
26 05 36 00-0140	EA	36" Wide, 36" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,759.69	505.34
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-133.85*	

26 05 36 00-0141 12" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*

26 05 36 00-0142	EA	6" Wide, 12" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	766.71	205.96
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-59.51*	
26 05 36 00-0143	EA	9" Wide, 12" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	783.95	214.07
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-60.55*	
26 05 36 00-0144	EA	12" Wide, 12" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	801.84	222.65
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-61.63*	
26 05 36 00-0145	EA	18" Wide, 12" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	841.25	241.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-63.98*	
26 05 36 00-0146	EA	24" Wide, 12" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	866.84	252.67
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-65.63*	
26 05 36 00-0147	EA	30" Wide, 12" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	939.00	278.17
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-70.72*	
26 05 36 00-0148	EA	36" Wide, 12" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,008.63	308.76
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-75.13*	

26 05 36 00-0149 24" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*

26 05 36 00-0150	EA	6" Wide, 24" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,136.10	222.65
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-95.06*	
26 05 36 00-0151	EA	9" Wide, 24" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,162.57	231.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-96.94*	
26 05 36 00-0152	EA	12" Wide, 24" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,190.37	241.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-98.89*	
26 05 36 00-0153	EA	18" Wide, 24" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,251.36	265.07
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-103.05*	
26 05 36 00-0154	EA	24" Wide, 24" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,295.55	278.17
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-106.37*	
26 05 36 00-0155	EA	30" Wide, 24" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,368.89	308.76
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-111.16*	
26 05 36 00-0156	EA	36" Wide, 24" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,470.88	347.71
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-118.11*	

26 05 36 00-0157 36" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*

26 05 36 00-0158	EA	6" Wide, 36" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,832.90	241.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-163.14*	
26 05 36 00-0159	EA	9" Wide, 36" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,869.63	252.67
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-165.91*	
26 05 36 00-0160	EA	12" Wide, 36" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,908.74	265.07
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-168.79*	
26 05 36 00-0161	EA	18" Wide, 36" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,973.42	292.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-172.95*	
26 05 36 00-0162	EA	24" Wide, 36" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	2,018.85	308.76
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-176.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0163	EA	30" Wide, 36" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	2,139.41	347.71
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-184.97*	
26 05 36 00-0164	EA	36" Wide, 36" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	2,240.01	396.97
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-190.92*	
26 05 36 00-0165		**12" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0044)*		
26 05 36 00-0166	EA	6" Wide, 12" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	771.87	278.17
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-54.01*	
26 05 36 00-0167	EA	9" Wide, 12" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	810.93	292.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-56.70*	
26 05 36 00-0168	EA	12" Wide, 12" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	867.50	308.76
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-61.02*	
26 05 36 00-0169	EA	18" Wide, 12" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	931.94	327.43
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-65.91*	
26 05 36 00-0170	EA	24" Wide, 12" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,048.65	370.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-73.97*	
26 05 36 00-0171	EA	30" Wide, 12" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,177.80	396.97
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-84.70*	
26 05 36 00-0172	EA	36" Wide, 12" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,289.36	428.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-93.25*	
26 05 36 00-0173		**24" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0044)*		
26 05 36 00-0174	EA	6" Wide, 24" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,112.63	308.76
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-85.53*	
26 05 36 00-0175	EA	9" Wide, 24" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,162.21	327.43
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-88.94*	
26 05 36 00-0176	EA	12" Wide, 24" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,214.62	347.71
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-92.49*	
26 05 36 00-0177	EA	18" Wide, 24" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,293.77	370.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-98.49*	
26 05 36 00-0178	EA	24" Wide, 24" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,434.21	428.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-107.74*	
26 05 36 00-0179	EA	30" Wide, 24" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,541.49	463.61
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-115.51*	
26 05 36 00-0180	EA	36" Wide, 24" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,733.69	505.34
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-131.25*	
26 05 36 00-0181		**36" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0044)*		
26 05 36 00-0182	EA	6" Wide, 36" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,415.17	347.71
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-112.54*	
26 05 36 00-0183	EA	9" Wide, 36" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,490.61	370.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-118.17*	
26 05 36 00-0184	EA	12" Wide, 36" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,571.48	396.97
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-124.07*	
26 05 36 00-0185	EA	18" Wide, 36" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,716.47	428.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-135.96*	
26 05 36 00-0186	EA	24" Wide, 36" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,956.53	505.34
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-153.54*	
26 05 36 00-0187	EA	30" Wide, 36" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	2,132.81	555.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-166.99*	
26 05 36 00-0188	EA	36" Wide, 36" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	2,331.08	618.69
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-181.55*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0189		12" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*		
26 05 36 00-0190	EA	6" Wide, 12" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	910.59	278.17
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-67.88*	
26 05 36 00-0191	EA	9" Wide, 12" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	956.50	292.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-71.25*	
26 05 36 00-0192	EA	12" Wide, 12" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,026.19	308.76
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-76.89*	
26 05 36 00-0193	EA	18" Wide, 12" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,105.96	327.55
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-83.30*	
26 05 36 00-0194	EA	24" Wide, 12" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,242.52	370.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-93.36*	
26 05 36 00-0195	EA	30" Wide, 12" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,410.41	397.09
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-107.95*	
26 05 36 00-0196	EA	36" Wide, 12" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,547.55	427.69
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-119.11*	
26 05 36 00-0197		24" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*		
26 05 36 00-0198	EA	6" Wide, 24" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,381.71	308.76
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-112.44*	
26 05 36 00-0199	EA	9" Wide, 24" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,439.64	327.43
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-116.68*	
26 05 36 00-0200	EA	12" Wide, 24" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,500.41	347.71
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-121.07*	
26 05 36 00-0201	EA	18" Wide, 24" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,597.95	370.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-128.90*	
26 05 36 00-0202	EA	24" Wide, 24" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,758.44	428.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-140.16*	
26 05 36 00-0203	EA	30" Wide, 24" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,887.45	463.61
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-150.11*	
26 05 36 00-0204	EA	36" Wide, 24" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	2,134.81	505.34
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-171.36*	
26 05 36 00-0205		36" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0044)*		
26 05 36 00-0206	EA	6" Wide, 36" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,791.22	347.71
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-150.15*	
26 05 36 00-0207	EA	9" Wide, 36" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,883.37	370.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-157.45*	
26 05 36 00-0208	EA	12" Wide, 36" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,980.95	396.97
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-165.02*	
26 05 36 00-0209	EA	18" Wide, 36" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	2,167.73	428.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-181.09*	
26 05 36 00-0210	EA	24" Wide, 36" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	2,457.93	505.34
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-203.68*	
26 05 36 00-0211	EA	30" Wide, 36" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	2,675.98	555.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-221.31*	
26 05 36 00-0212	EA	36" Wide, 36" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	2,916.03	618.69
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-240.04*	
26 05 36 00-0213		6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fittings *(26 05 36 00-0002)*		
26 05 36 00-0214		12" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0215	EA	6" Wide, 12" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	301.68	116.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-20.48*	
26 05 36 00-0216	EA	9" Wide, 12" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	337.24	132.37
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.69*	
26 05 36 00-0217	EA	12" Wide, 12" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	370.75	146.39
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.88*	
26 05 36 00-0218	EA	18" Wide, 12" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	463.59	179.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.41*	
26 05 36 00-0219	EA	24" Wide, 12" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	528.44	205.96
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-35.68*	
26 05 36 00-0220	EA	30" Wide, 12" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	629.75	231.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-43.66*	
26 05 36 00-0221	EA	36" Wide, 12" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	726.12	264.95
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-50.53*	
26 05 36 00-0222		**24" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0213)*		
26 05 36 00-0223	EA	6" Wide, 24" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	424.35	120.89
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.36*	
26 05 36 00-0224	EA	9" Wide, 24" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	461.33	138.97
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.55*	
26 05 36 00-0225	EA	12" Wide, 24" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	495.84	154.50
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.71*	
26 05 36 00-0226	EA	18" Wide, 24" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	576.94	191.93
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-41.70*	
26 05 36 00-0227	EA	24" Wide, 24" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	646.99	222.65
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-46.15*	
26 05 36 00-0228	EA	30" Wide, 24" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	721.14	252.67
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-51.06*	
26 05 36 00-0229	EA	36" Wide, 24" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	844.36	292.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-60.05*	
26 05 36 00-0230		**36" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0213)*		
26 05 36 00-0231	EA	6" Wide, 36" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	457.42	126.33
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-35.21*	
26 05 36 00-0232	EA	9" Wide, 36" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	504.25	146.27
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-38.24*	
26 05 36 00-0233	EA	12" Wide, 36" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	545.39	163.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-40.90*	
26 05 36 00-0234	EA	18" Wide, 36" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	655.29	205.96
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-48.36*	
26 05 36 00-0235	EA	24" Wide, 36" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	745.83	241.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-54.43*	
26 05 36 00-0236	EA	30" Wide, 36" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	875.01	278.17
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-64.32*	
26 05 36 00-0237	EA	36" Wide, 36" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	993.77	326.85
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-72.14*	
26 05 36 00-0238		**12" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0213)*		
26 05 36 00-0239	EA	6" Wide, 12" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	224.37	84.26
		For 60 Degree Bend, Deduct	*-41.75*	
		For 30 Degree Bend, Deduct	*-74.27*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-15.42*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0240	EA	9" Wide, 12" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	255.79	101.06
		For 60 Degree Bend, Deduct	*-45.69*	
		For 30 Degree Bend, Deduct	*-81.76*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-17.16*	
26 05 36 00-0241	EA	12" Wide, 12" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	284.03	115.91
		For 60 Degree Bend, Deduct	*-49.30*	
		For 30 Degree Bend, Deduct	*-88.60*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-18.74*	
26 05 36 00-0242	EA	18" Wide, 12" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	340.10	146.50
		For 60 Degree Bend, Deduct	*-56.09*	
		For 30 Degree Bend, Deduct	*-101.62*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.80*	
26 05 36 00-0243	EA	24" Wide, 12" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	422.45	179.41
		For 60 Degree Bend, Deduct	*-70.63*	
		For 30 Degree Bend, Deduct	*-127.69*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.29*	
26 05 36 00-0244	EA	30" Wide, 12" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	501.01	205.96
		For 60 Degree Bend, Deduct	*-86.37*	
		For 30 Degree Bend, Deduct	*-155.40*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.94*	
26 05 36 00-0245	EA	36" Wide, 12" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	567.56	241.78
		For 60 Degree Bend, Deduct	*-94.60*	
		For 30 Degree Bend, Deduct	*-171.11*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.61*	

26 05 36 00-0246 24" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*

26 05 36 00-0247	EA	6" Wide, 24" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	251.08	86.93
		For 60 Degree Bend, Deduct	*-49.55*	
		For 30 Degree Bend, Deduct	*-87.41*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-17.87*	
26 05 36 00-0248	EA	9" Wide, 24" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	287.79	104.77
		For 60 Degree Bend, Deduct	*-54.80*	
		For 30 Degree Bend, Deduct	*-97.15*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-20.05*	
26 05 36 00-0249	EA	12" Wide, 24" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	328.50	121.00
		For 60 Degree Bend, Deduct	*-62.03*	
		For 30 Degree Bend, Deduct	*-110.10*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.77*	
26 05 36 00-0250	EA	18" Wide, 24" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	387.85	154.50
		For 60 Degree Bend, Deduct	*-68.75*	
		For 30 Degree Bend, Deduct	*-123.17*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.91*	
26 05 36 00-0251	EA	24" Wide, 24" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	477.52	191.93
		For 60 Degree Bend, Deduct	*-84.02*	
		For 30 Degree Bend, Deduct	*-150.70*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.76*	
26 05 36 00-0252	EA	30" Wide, 24" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	559.57	222.65
		For 60 Degree Bend, Deduct	*-99.33*	
		For 30 Degree Bend, Deduct	*-177.91*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.41*	
26 05 36 00-0253	EA	36" Wide, 24" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	657.68	265.07
		For 60 Degree Bend, Deduct	*-115.44*	
		For 30 Degree Bend, Deduct	*-207.13*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-43.68*	

26 05 36 00-0254 36" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*

26 05 36 00-0255	EA	6" Wide, 36" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	302.00	89.71
		For 60 Degree Bend, Deduct	*-65.29*	
		For 30 Degree Bend, Deduct	*-113.80*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.73*	
26 05 36 00-0256	EA	9" Wide, 36" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	342.68	108.95
		For 60 Degree Bend, Deduct	*-71.33*	
		For 30 Degree Bend, Deduct	*-124.93*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0257	EA	12" Wide, 36" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	375.30	126.45
		For 60 Degree Bend, Deduct	*-75.38*	
		For 30 Degree Bend, Deduct	*-132.66*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.99*	
26 05 36 00-0258	EA	18" Wide, 36" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	451.11	163.66
		For 60 Degree Bend, Deduct	*-86.11*	
		For 30 Degree Bend, Deduct	*-152.62*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.47*	
26 05 36 00-0259	EA	24" Wide, 36" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	531.87	205.96
		For 60 Degree Bend, Deduct	*-96.56*	
		For 30 Degree Bend, Deduct	*-172.37*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.02*	
26 05 36 00-0260	EA	30" Wide, 36" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	646.41	241.78
		For 60 Degree Bend, Deduct	*-120.63*	
		For 30 Degree Bend, Deduct	*-214.48*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-44.49*	
26 05 36 00-0261	EA	36" Wide, 36" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	758.65	292.66
		For 60 Degree Bend, Deduct	*-138.16*	
		For 30 Degree Bend, Deduct	*-246.52*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-51.47*	

26 05 36 00-0262 12" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*

26 05 36 00-0263	EA	6" Wide, 12" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	336.10	115.91
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.95*	
26 05 36 00-0264	EA	9" Wide, 12" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	366.88	132.37
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.65*	
26 05 36 00-0265	EA	12" Wide, 12" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	395.03	146.39
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.31*	
26 05 36 00-0266	EA	18" Wide, 12" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	456.73	179.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.72*	
26 05 36 00-0267	EA	24" Wide, 12" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	507.58	205.96
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.59*	
26 05 36 00-0268	EA	30" Wide, 12" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	563.76	231.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.06*	
26 05 36 00-0269	EA	36" Wide, 12" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	625.02	264.61
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-40.45*	

26 05 36 00-0270 24" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*

26 05 36 00-0271	EA	6" Wide, 24" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	403.57	120.89
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.28*	
26 05 36 00-0272	EA	9" Wide, 24" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	438.79	139.08
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.29*	
26 05 36 00-0273	EA	12" Wide, 24" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	472.77	154.50
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.40*	
26 05 36 00-0274	EA	18" Wide, 24" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	546.52	191.93
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-38.66*	
26 05 36 00-0275	EA	24" Wide, 24" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	609.21	222.65
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-42.37*	
26 05 36 00-0276	EA	30" Wide, 24" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	672.50	252.67
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-46.19*	
26 05 36 00-0277	EA	36" Wide, 24" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	770.36	292.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-52.65*	

26 05 36 00-0278 36" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*

26 05 36 00-0279	EA	6" Wide, 36" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	483.27	126.33
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0280	EA	9" Wide, 36" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	526.45	146.39
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-40.45*	
26 05 36 00-0281	EA	12" Wide, 36" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	558.68	163.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-42.23*	
26 05 36 00-0282	EA	18" Wide, 36" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	652.14	205.96
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-48.05*	
26 05 36 00-0283	EA	24" Wide, 36" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	715.12	241.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-51.36*	
26 05 36 00-0284	EA	30" Wide, 36" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	818.44	278.17
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-58.66*	
26 05 36 00-0285	EA	36" Wide, 36" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	922.49	326.85
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-65.02*	
26 05 36 00-0286		**12" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0213)*		
26 05 36 00-0287	EA	6" Wide, 12" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	600.71	222.65
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-41.52*	
26 05 36 00-0288	EA	9" Wide, 12" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	649.84	241.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-44.83*	
26 05 36 00-0289	EA	12" Wide, 12" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	681.71	252.67
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-47.11*	
26 05 36 00-0290	EA	18" Wide, 12" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	761.87	278.17
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-53.01*	
26 05 36 00-0291	EA	24" Wide, 12" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	864.36	308.76
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-60.70*	
26 05 36 00-0292	EA	30" Wide, 12" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	963.94	327.43
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-69.11*	
26 05 36 00-0293	EA	36" Wide, 12" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,090.93	370.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-78.20*	
26 05 36 00-0294		**24" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0213)*		
26 05 36 00-0295	EA	6" Wide, 24" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	762.97	241.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-56.15*	
26 05 36 00-0296	EA	9" Wide, 24" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	818.82	265.07
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-59.80*	
26 05 36 00-0297	EA	12" Wide, 24" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	854.44	278.17
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-62.26*	
26 05 36 00-0298	EA	18" Wide, 24" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	936.35	308.76
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-67.90*	
26 05 36 00-0299	EA	24" Wide, 24" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,038.92	347.71
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-74.92*	
26 05 36 00-0300	EA	30" Wide, 24" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,118.36	370.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-80.95*	
26 05 36 00-0301	EA	36" Wide, 24" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,354.79	428.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-99.79*	
26 05 36 00-0302		**36" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0213)*		
26 05 36 00-0303	EA	6" Wide, 36" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	979.95	265.07
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-75.91*	
26 05 36 00-0304	EA	9" Wide, 36" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,046.63	292.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-80.27*	
26 05 36 00-0305	EA	12" Wide, 36" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,111.20	308.76
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-85.39*	
26 05 36 00-0306	EA	18" Wide, 36" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,220.62	347.71
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-93.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0307	EA	24" Wide, 36" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,384.93	396.97
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-105.42*	
26 05 36 00-0308	EA	30" Wide, 36" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,502.20	428.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-114.54*	
26 05 36 00-0309	EA	36" Wide, 36" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,689.13	505.34
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-126.80*	
26 05 36 00-0310		**12" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0213)*		
26 05 36 00-0311	EA	6" Wide, 12" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	734.14	205.96
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-56.25*	
26 05 36 00-0312	EA	9" Wide, 12" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	751.10	214.07
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-57.27*	
26 05 36 00-0313	EA	12" Wide, 12" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	768.70	222.65
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-58.32*	
26 05 36 00-0314	EA	18" Wide, 12" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	807.54	241.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-60.60*	
26 05 36 00-0315	EA	24" Wide, 12" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	832.56	252.67
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-62.20*	
26 05 36 00-0316	EA	30" Wide, 12" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	902.44	278.17
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-67.06*	
26 05 36 00-0317	EA	36" Wide, 12" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	970.64	308.76
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-71.33*	
26 05 36 00-0318		**24" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0213)*		
26 05 36 00-0319	EA	6" Wide, 24" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,077.24	222.65
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-89.17*	
26 05 36 00-0320	EA	9" Wide, 24" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,102.86	231.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-90.97*	
26 05 36 00-0321	EA	12" Wide, 24" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,129.80	241.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-92.83*	
26 05 36 00-0322	EA	18" Wide, 24" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,189.07	265.07
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-96.82*	
26 05 36 00-0323	EA	24" Wide, 24" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,231.55	278.17
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-99.97*	
26 05 36 00-0324	EA	30" Wide, 24" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,303.18	308.76
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-104.58*	
26 05 36 00-0325	EA	36" Wide, 24" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,402.32	347.71
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-111.26*	
26 05 36 00-0326		**36" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0213)*		
26 05 36 00-0327	EA	6" Wide, 36" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,722.90	241.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-152.14*	
26 05 36 00-0328	EA	9" Wide, 36" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,758.21	252.67
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-154.76*	
26 05 36 00-0329	EA	12" Wide, 36" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,795.89	265.07
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-157.50*	
26 05 36 00-0330	EA	18" Wide, 36" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,859.14	292.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-161.52*	
26 05 36 00-0331	EA	24" Wide, 36" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,903.14	308.76
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-164.58*	
26 05 36 00-0332	EA	30" Wide, 36" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	2,019.42	347.71
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-172.97*	
26 05 36 00-0333	EA	36" Wide, 36" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	2,118.59	396.97
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-178.78*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0334		12" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*		
26 05 36 00-0335	EA	6" Wide, 12" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	748.16	278.17
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-51.64*	
26 05 36 00-0336	EA	9" Wide, 12" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	786.07	292.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-54.22*	
26 05 36 00-0337	EA	12" Wide, 12" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	840.36	308.76
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-58.30*	
26 05 36 00-0338	EA	18" Wide, 12" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	902.23	327.43
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-62.94*	
26 05 36 00-0339	EA	24" Wide, 12" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,015.51	370.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-70.66*	
26 05 36 00-0340	EA	30" Wide, 12" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,138.09	396.97
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-80.73*	
26 05 36 00-0341	EA	36" Wide, 12" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,245.08	428.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-88.82*	
26 05 36 00-0342		24" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*		
26 05 36 00-0343	EA	6" Wide, 24" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,066.63	308.76
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-80.93*	
26 05 36 00-0344	EA	9" Wide, 24" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,114.78	327.43
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-84.19*	
26 05 36 00-0345	EA	12" Wide, 24" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,165.76	347.71
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-87.60*	
26 05 36 00-0346	EA	18" Wide, 24" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,241.77	370.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-93.29*	
26 05 36 00-0347	EA	24" Wide, 24" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,378.78	428.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-102.19*	
26 05 36 00-0348	EA	30" Wide, 24" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,482.35	463.61
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-109.60*	
26 05 36 00-0349	EA	36" Wide, 24" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,665.13	505.34
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-124.40*	
26 05 36 00-0350		36" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*		
26 05 36 00-0351	EA	6" Wide, 36" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,350.89	347.71
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-106.11*	
26 05 36 00-0352	EA	9" Wide, 36" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,423.48	370.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-111.46*	
26 05 36 00-0353	EA	12" Wide, 36" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,501.49	396.97
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-117.07*	
26 05 36 00-0354	EA	18" Wide, 36" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,639.34	428.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-128.25*	
26 05 36 00-0355	EA	24" Wide, 36" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,870.83	505.34
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-144.97*	
26 05 36 00-0356	EA	30" Wide, 36" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	2,039.95	555.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-157.71*	
26 05 36 00-0357	EA	36" Wide, 36" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	2,231.08	618.69
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-171.55*	
26 05 36 00-0358		12" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*		
26 05 36 00-0359	EA	6" Wide, 12" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	876.21	278.17
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-64.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0360	EA	9" Wide, 12" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	920.46	292.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-67.65*	
26 05 36 00-0361	EA	12" Wide, 12" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	986.83	308.76
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-72.95*	
26 05 36 00-0362	EA	18" Wide, 12" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,062.88	327.55
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-78.99*	
26 05 36 00-0363	EA	24" Wide, 12" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,194.46	370.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-88.56*	
26 05 36 00-0364	EA	30" Wide, 12" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,352.83	397.09
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-102.19*	
26 05 36 00-0365	EA	36" Wide, 12" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,483.34	427.69
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-112.69*	

26 05 36 00-0366 24" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*

26 05 36 00-0367	EA	6" Wide, 24" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,315.01	308.76
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-105.77*	
26 05 36 00-0368	EA	9" Wide, 24" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,370.88	327.43
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-109.80*	
26 05 36 00-0369	EA	12" Wide, 24" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,429.57	347.71
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-113.98*	
26 05 36 00-0370	EA	18" Wide, 24" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,522.55	370.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-121.36*	
26 05 36 00-0371	EA	24" Wide, 24" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,678.08	428.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-132.12*	
26 05 36 00-0372	EA	30" Wide, 24" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,801.70	463.61
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-141.54*	
26 05 36 00-0373	EA	36" Wide, 24" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	2,035.39	505.34
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-161.42*	

26 05 36 00-0374 36" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0213)*

26 05 36 00-0375	EA	6" Wide, 36" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,698.01	347.71
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-140.83*	
26 05 36 00-0376	EA	9" Wide, 36" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,786.02	370.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-147.71*	
26 05 36 00-0377	EA	12" Wide, 36" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,879.46	396.97
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-154.87*	
26 05 36 00-0378	EA	18" Wide, 36" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	2,055.88	428.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-169.90*	
26 05 36 00-0379	EA	24" Wide, 36" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	2,333.65	505.34
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-191.25*	
26 05 36 00-0380	EA	30" Wide, 36" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	2,541.35	555.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-207.85*	
26 05 36 00-0381	EA	36" Wide, 36" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	2,771.04	618.69
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-225.55*	

26 05 36 00-0382 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fittings *(26 05 36 00-0002)*

26 05 36 00-0383 12" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*

26 05 36 00-0384	EA	6" Wide, 12" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	283.68	116.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-18.68*	
26 05 36 00-0385	EA	9" Wide, 12" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	317.82	132.37
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-20.75*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0386	EA	12" Wide, 12" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	349.61	146.39
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.77*	
26 05 36 00-0387	EA	18" Wide, 12" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	436.16	179.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.66*	
26 05 36 00-0388	EA	24" Wide, 12" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	497.58	205.96
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.59*	
26 05 36 00-0389	EA	30" Wide, 12" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	589.18	231.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-39.60*	
26 05 36 00-0390	EA	36" Wide, 12" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	678.70	264.95
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-45.79*	
26 05 36 00-0391		**24" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0382)*		
26 05 36 00-0392	EA	6" Wide, 24" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	387.21	120.89
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.65*	
26 05 36 00-0393	EA	9" Wide, 24" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	423.04	138.97
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.72*	
26 05 36 00-0394	EA	12" Wide, 24" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	456.13	154.50
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.73*	
26 05 36 00-0395	EA	18" Wide, 24" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	534.09	191.93
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.42*	
26 05 36 00-0396	EA	24" Wide, 24" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	600.99	222.65
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-41.55*	
26 05 36 00-0397	EA	30" Wide, 24" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	671.14	252.67
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-46.06*	
26 05 36 00-0398	EA	36" Wide, 24" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	784.93	292.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-54.10*	
26 05 36 00-0399		**36" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0382)*		
26 05 36 00-0400	EA	6" Wide, 36" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	416.28	126.33
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.10*	
26 05 36 00-0401	EA	9" Wide, 36" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	460.83	146.27
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.90*	
26 05 36 00-0402	EA	12" Wide, 36" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	499.97	163.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.36*	
26 05 36 00-0403	EA	18" Wide, 36" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	603.29	205.96
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-43.16*	
26 05 36 00-0404	EA	24" Wide, 36" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	688.69	241.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-48.72*	
26 05 36 00-0405	EA	30" Wide, 36" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	806.44	278.17
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-57.46*	
26 05 36 00-0406	EA	36" Wide, 36" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	918.92	326.85
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-64.66*	
26 05 36 00-0407		**12" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0382)*		
26 05 36 00-0408	EA	6" Wide, 12" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	210.37	84.26
		For 60 Degree Bend, Deduct	*-37.13*	
		For 30 Degree Bend, Deduct	*-66.57*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-14.02*	
26 05 36 00-0409	EA	9" Wide, 12" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	241.22	101.06
		For 60 Degree Bend, Deduct	*-40.88*	
		For 30 Degree Bend, Deduct	*-73.74*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-15.70*	
26 05 36 00-0410	EA	12" Wide, 12" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	268.89	115.91
		For 60 Degree Bend, Deduct	*-44.30*	
		For 30 Degree Bend, Deduct	*-80.28*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-17.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0411	EA	18" Wide, 12" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	324.10	146.50
		For 60 Degree Bend, Deduct	*-50.81*	
		For 30 Degree Bend, Deduct	*-92.82*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-20.20*	
26 05 36 00-0412	EA	24" Wide, 12" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	401.88	179.41
		For 60 Degree Bend, Deduct	*-63.84*	
		For 30 Degree Bend, Deduct	*-116.37*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.24*	
26 05 36 00-0413	EA	30" Wide, 12" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	474.73	205.96
		For 60 Degree Bend, Deduct	*-77.70*	
		For 30 Degree Bend, Deduct	*-140.94*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.31*	
26 05 36 00-0414	EA	36" Wide, 12" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	540.13	241.78
		For 60 Degree Bend, Deduct	*-85.55*	
		For 30 Degree Bend, Deduct	*-156.02*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.86*	

26 05 36 00-0415 24" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*

26 05 36 00-0416	EA	6" Wide, 24" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	233.36	86.93
		For 60 Degree Bend, Deduct	*-43.70*	
		For 30 Degree Bend, Deduct	*-77.67*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-16.10*	
26 05 36 00-0417	EA	9" Wide, 24" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	268.94	104.77
		For 60 Degree Bend, Deduct	*-48.58*	
		For 30 Degree Bend, Deduct	*-86.79*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-18.16*	
26 05 36 00-0418	EA	12" Wide, 24" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	307.36	121.00
		For 60 Degree Bend, Deduct	*-55.05*	
		For 30 Degree Bend, Deduct	*-98.47*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-20.65*	
26 05 36 00-0419	EA	18" Wide, 24" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	366.13	154.50
		For 60 Degree Bend, Deduct	*-61.58*	
		For 30 Degree Bend, Deduct	*-111.22*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.73*	
26 05 36 00-0420	EA	24" Wide, 24" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	451.24	191.93
		For 60 Degree Bend, Deduct	*-75.35*	
		For 30 Degree Bend, Deduct	*-136.25*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.13*	
26 05 36 00-0421	EA	30" Wide, 24" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	528.14	222.65
		For 60 Degree Bend, Deduct	*-88.95*	
		For 30 Degree Bend, Deduct	*-160.62*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.26*	
26 05 36 00-0422	EA	36" Wide, 24" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	621.69	265.07
		For 60 Degree Bend, Deduct	*-103.57*	
		For 30 Degree Bend, Deduct	*-187.33*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-40.08*	

26 05 36 00-0423 36" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*

26 05 36 00-0424	EA	6" Wide, 36" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	276.57	89.71
		For 60 Degree Bend, Deduct	*-56.90*	
		For 30 Degree Bend, Deduct	*-99.81*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-20.19*	
26 05 36 00-0425	EA	9" Wide, 36" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	315.83	108.95
		For 60 Degree Bend, Deduct	*-62.47*	
		For 30 Degree Bend, Deduct	*-110.16*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.51*	
26 05 36 00-0426	EA	12" Wide, 36" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	347.87	126.45
		For 60 Degree Bend, Deduct	*-66.33*	
		For 30 Degree Bend, Deduct	*-117.57*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.25*	
26 05 36 00-0427	EA	18" Wide, 36" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	421.40	163.66
		For 60 Degree Bend, Deduct	*-76.31*	
		For 30 Degree Bend, Deduct	*-136.28*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0428	EA	24" Wide, 36" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	500.44	205.96
		For 60 Degree Bend, Deduct	*-86.18*	
		For 30 Degree Bend, Deduct	*-155.08*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.88*	
26 05 36 00-0429	EA	30" Wide, 36" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	605.84	241.78
		For 60 Degree Bend, Deduct	*-107.24*	
		For 30 Degree Bend, Deduct	*-192.16*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-40.43*	
26 05 36 00-0430	EA	36" Wide, 36" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	713.51	292.66
		For 60 Degree Bend, Deduct	*-123.26*	
		For 30 Degree Bend, Deduct	*-221.70*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-46.96*	

26 05 36 00-0431 12" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*

26 05 36 00-0432	EA	6" Wide, 12" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	317.46	115.91
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.09*	
26 05 36 00-0433	EA	9" Wide, 12" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	347.81	132.37
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.75*	
26 05 36 00-0434	EA	12" Wide, 12" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	375.32	146.39
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.34*	
26 05 36 00-0435	EA	18" Wide, 12" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	436.16	179.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.66*	
26 05 36 00-0436	EA	24" Wide, 12" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	486.16	205.96
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.45*	
26 05 36 00-0437	EA	30" Wide, 12" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	540.61	231.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.74*	
26 05 36 00-0438	EA	36" Wide, 12" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	601.02	264.61
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-38.05*	

26 05 36 00-0439 24" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*

26 05 36 00-0440	EA	6" Wide, 24" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	377.21	120.89
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.65*	
26 05 36 00-0441	EA	9" Wide, 24" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	411.80	139.08
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.59*	
26 05 36 00-0442	EA	12" Wide, 24" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	444.70	154.50
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.59*	
26 05 36 00-0443	EA	18" Wide, 24" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	516.95	191.93
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-35.70*	
26 05 36 00-0444	EA	24" Wide, 24" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	578.14	222.65
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-39.26*	
26 05 36 00-0445	EA	30" Wide, 24" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	639.72	252.67
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-42.91*	
26 05 36 00-0446	EA	36" Wide, 24" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	733.51	292.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-48.96*	

26 05 36 00-0447 36" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*

26 05 36 00-0448	EA	6" Wide, 36" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	447.71	126.33
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.24*	
26 05 36 00-0449	EA	9" Wide, 36" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	489.60	146.39
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.77*	
26 05 36 00-0450	EA	12" Wide, 36" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	521.39	163.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-38.50*	
26 05 36 00-0451	EA	18" Wide, 36" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	611.86	205.96
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-44.02*	
26 05 36 00-0452	EA	24" Wide, 36" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	674.41	241.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-47.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0453	EA	30" Wide, 36" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	772.16	278.17
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-54.04*	
26 05 36 00-0454	EA	36" Wide, 36" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	873.21	326.85
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-60.09*	

26 05 36 00-0455 12" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*

26 05 36 00-0456	EA	6" Wide, 12" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	562.42	222.65
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.69*	
26 05 36 00-0457	EA	9" Wide, 12" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	608.70	241.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-40.72*	
26 05 36 00-0458	EA	12" Wide, 12" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	638.29	252.67
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-42.77*	
26 05 36 00-0459	EA	18" Wide, 12" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	712.16	278.17
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-48.04*	
26 05 36 00-0460	EA	24" Wide, 12" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	806.08	308.76
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-54.87*	
26 05 36 00-0461	EA	30" Wide, 12" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	894.23	327.43
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-62.14*	
26 05 36 00-0462	EA	36" Wide, 12" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,012.08	370.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-70.32*	

26 05 36 00-0463 24" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*

26 05 36 00-0464	EA	6" Wide, 24" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	702.98	241.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-50.15*	
26 05 36 00-0465	EA	9" Wide, 24" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	755.96	265.07
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-53.51*	
26 05 36 00-0466	EA	12" Wide, 24" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	789.30	278.17
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-55.75*	
26 05 36 00-0467	EA	18" Wide, 24" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	866.07	308.76
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-60.87*	
26 05 36 00-0468	EA	24" Wide, 24" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	962.35	347.71
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-67.26*	
26 05 36 00-0469	EA	30" Wide, 24" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,034.93	370.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-72.60*	
26 05 36 00-0470	EA	36" Wide, 24" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,247.94	428.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-89.11*	

26 05 36 00-0471 36" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*

26 05 36 00-0472	EA	6" Wide, 36" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	890.24	265.07
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-66.94*	
26 05 36 00-0473	EA	9" Wide, 36" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	953.49	292.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-70.96*	
26 05 36 00-0474	EA	12" Wide, 36" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,011.78	308.76
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-75.44*	
26 05 36 00-0475	EA	18" Wide, 36" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,113.77	347.71
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-82.40*	
26 05 36 00-0476	EA	24" Wide, 36" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,264.36	396.97
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-93.36*	
26 05 36 00-0477	EA	30" Wide, 36" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,370.79	428.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-101.39*	
26 05 36 00-0478	EA	36" Wide, 36" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,547.99	505.34
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-112.68*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0479		**12" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0382)*		
26 05 36 00-0480	EA	6" Wide, 12" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	669.00	205.96
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-49.73*	
26 05 36 00-0481	EA	9" Wide, 12" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	685.39	214.07
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-50.70*	
26 05 36 00-0482	EA	12" Wide, 12" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	702.41	222.65
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-51.69*	
26 05 36 00-0483	EA	18" Wide, 12" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	740.12	241.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-53.86*	
26 05 36 00-0484	EA	24" Wide, 12" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	763.99	252.67
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-55.34*	
26 05 36 00-0485	EA	30" Wide, 12" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	829.30	278.17
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-59.75*	
26 05 36 00-0486	EA	36" Wide, 12" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	894.64	308.76
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-63.73*	
26 05 36 00-0487		**24" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0382)*		
26 05 36 00-0488	EA	6" Wide, 24" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	959.54	222.65
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-77.40*	
26 05 36 00-0489	EA	9" Wide, 24" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	983.44	231.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-79.03*	
26 05 36 00-0490	EA	12" Wide, 24" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,008.67	241.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-80.72*	
26 05 36 00-0491	EA	18" Wide, 24" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,064.51	265.07
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-84.37*	
26 05 36 00-0492	EA	24" Wide, 24" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,103.56	278.17
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-87.18*	
26 05 36 00-0493	EA	30" Wide, 24" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,171.77	308.76
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-91.44*	
26 05 36 00-0494	EA	36" Wide, 24" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,265.18	347.71
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-97.54*	
26 05 36 00-0495		**36" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0382)*		
26 05 36 00-0496	EA	6" Wide, 36" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,502.92	241.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-130.14*	
26 05 36 00-0497	EA	9" Wide, 36" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,535.36	252.67
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-132.48*	
26 05 36 00-0498	EA	12" Wide, 36" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,570.19	265.07
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-134.93*	
26 05 36 00-0499	EA	18" Wide, 36" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,630.58	292.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-138.67*	
26 05 36 00-0500	EA	24" Wide, 36" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,671.73	308.76
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-141.44*	
26 05 36 00-0501	EA	30" Wide, 36" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,779.43	347.71
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-148.97*	
26 05 36 00-0502	EA	36" Wide, 36" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,875.75	396.97
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-154.50*	
26 05 36 00-0503		**12" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0382)*		
26 05 36 00-0504	EA	6" Wide, 12" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	700.74	278.17
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-46.89*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0505	EA	9" Wide, 12" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	736.36	292.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-49.25*	
26 05 36 00-0506	EA	12" Wide, 12" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	786.08	308.76
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-52.87*	
26 05 36 00-0507	EA	18" Wide, 12" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	842.80	327.43
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-57.00*	
26 05 36 00-0508	EA	24" Wide, 12" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	949.22	370.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-64.03*	
26 05 36 00-0509	EA	30" Wide, 12" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,058.66	396.97
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-72.79*	
26 05 36 00-0510	EA	36" Wide, 12" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,156.51	428.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-79.97*	

26 05 36 00-0511 24" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*

26 05 36 00-0512	EA	6" Wide, 24" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	974.64	308.76
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-71.73*	
26 05 36 00-0513	EA	9" Wide, 24" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,019.93	327.43
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-74.71*	
26 05 36 00-0514	EA	12" Wide, 24" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,068.06	347.71
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-77.83*	
26 05 36 00-0515	EA	18" Wide, 24" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,137.78	370.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-82.89*	
26 05 36 00-0516	EA	24" Wide, 24" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,267.94	428.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-91.11*	
26 05 36 00-0517	EA	30" Wide, 24" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,364.08	463.61
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-97.77*	
26 05 36 00-0518	EA	36" Wide, 24" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,527.99	505.34
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-110.68*	

26 05 36 00-0519 36" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*

26 05 36 00-0520	EA	6" Wide, 36" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,222.33	347.71
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-93.26*	
26 05 36 00-0521	EA	9" Wide, 36" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,289.20	370.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-98.03*	
26 05 36 00-0522	EA	12" Wide, 36" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,361.50	396.97
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-103.07*	
26 05 36 00-0523	EA	18" Wide, 36" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,485.06	428.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-112.82*	
26 05 36 00-0524	EA	24" Wide, 36" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,699.41	505.34
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-127.82*	
26 05 36 00-0525	EA	30" Wide, 36" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,854.25	555.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-139.14*	
26 05 36 00-0526	EA	36" Wide, 36" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	2,031.10	618.69
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-151.55*	

26 05 36 00-0527 12" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0382)*

26 05 36 00-0528	EA	6" Wide, 12" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	807.44	278.17
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-57.56*	
26 05 36 00-0529	EA	9" Wide, 12" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	848.38	292.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-60.44*	
26 05 36 00-0530	EA	12" Wide, 12" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	908.12	308.76
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-65.08*	
26 05 36 00-0531	EA	18" Wide, 12" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	976.72	327.55
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-70.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0532	EA	24" Wide, 12" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,098.36	370.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-78.95*	
26 05 36 00-0533	EA	30" Wide, 12" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,237.67	397.09
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-90.67*	
26 05 36 00-0534	EA	36" Wide, 12" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,354.92	427.69
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-99.85*	
26 05 36 00-0535		**24" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0382)*		
26 05 36 00-0536	EA	6" Wide, 24" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,181.62	308.76
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-92.43*	
26 05 36 00-0537	EA	9" Wide, 24" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,233.34	327.43
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-96.05*	
26 05 36 00-0538	EA	12" Wide, 24" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,287.90	347.71
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-99.81*	
26 05 36 00-0539	EA	18" Wide, 24" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,371.77	370.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-106.29*	
26 05 36 00-0540	EA	24" Wide, 24" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,517.35	428.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-116.05*	
26 05 36 00-0541	EA	30" Wide, 24" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,630.20	463.61
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-124.39*	
26 05 36 00-0542	EA	36" Wide, 24" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,836.54	505.34
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-141.54*	
26 05 36 00-0543		**36" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0382)*		
26 05 36 00-0544	EA	6" Wide, 36" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,511.60	347.71
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-122.18*	
26 05 36 00-0545	EA	9" Wide, 36" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,591.32	370.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-128.24*	
26 05 36 00-0546	EA	12" Wide, 36" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,676.48	396.97
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-134.57*	
26 05 36 00-0547	EA	18" Wide, 36" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,832.18	428.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-147.53*	
26 05 36 00-0548	EA	24" Wide, 36" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	2,085.10	505.34
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-166.39*	
26 05 36 00-0549	EA	30" Wide, 36" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	2,272.08	555.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-180.92*	
26 05 36 00-0550	EA	36" Wide, 36" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	2,481.06	618.69
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-196.55*	
26 05 36 00-0551		**12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fittings** *(26 05 36 00-0002)*		
26 05 36 00-0552		**12" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0551)*		
26 05 36 00-0553	EA	6" Wide, 12" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	277.38	116.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-18.05*	
26 05 36 00-0554	EA	9" Wide, 12" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	311.02	132.37
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-20.07*	
26 05 36 00-0555	EA	12" Wide, 12" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	342.21	146.39
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.03*	
26 05 36 00-0556	EA	18" Wide, 12" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	426.56	179.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.70*	
26 05 36 00-0557	EA	24" Wide, 12" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	486.79	205.96
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.51*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0558	EA	30" Wide, 12" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	574.98	231.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-38.18*	
26 05 36 00-0559	EA	36" Wide, 12" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	662.10	264.95
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-44.13*	

26 05 36 00-0560 24" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*

26 05 36 00-0561	EA	6" Wide, 24" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	374.21	120.89
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.35*	
26 05 36 00-0562	EA	9" Wide, 24" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	409.65	138.97
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.38*	
26 05 36 00-0563	EA	12" Wide, 24" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	442.23	154.50
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.34*	
26 05 36 00-0564	EA	18" Wide, 24" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	519.09	191.93
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-35.92*	
26 05 36 00-0565	EA	24" Wide, 24" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	584.89	222.65
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-39.94*	
26 05 36 00-0566	EA	30" Wide, 24" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	653.64	252.67
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-44.31*	
26 05 36 00-0567	EA	36" Wide, 24" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	764.13	292.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-52.02*	

26 05 36 00-0568 36" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*

26 05 36 00-0569	EA	6" Wide, 36" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	401.88	126.33
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.66*	
26 05 36 00-0570	EA	9" Wide, 36" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	445.63	146.27
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.38*	
26 05 36 00-0571	EA	12" Wide, 36" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	484.07	163.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.77*	
26 05 36 00-0572	EA	18" Wide, 36" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	585.09	205.96
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-41.34*	
26 05 36 00-0573	EA	24" Wide, 36" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	668.70	241.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-46.72*	
26 05 36 00-0574	EA	30" Wide, 36" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	782.44	278.17
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-55.06*	
26 05 36 00-0575	EA	36" Wide, 36" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	892.72	326.85
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-62.04*	

26 05 36 00-0576 12" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*

26 05 36 00-0577	EA	6" Wide, 12" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	205.48	84.26
		For 60 Degree Bend, Deduct	*-35.52*	
		For 30 Degree Bend, Deduct	*-63.88*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-13.53*	
26 05 36 00-0578	EA	9" Wide, 12" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	236.12	101.06
		For 60 Degree Bend, Deduct	*-39.19*	
		For 30 Degree Bend, Deduct	*-70.94*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-15.19*	
26 05 36 00-0579	EA	12" Wide, 12" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	263.59	115.91
		For 60 Degree Bend, Deduct	*-42.55*	
		For 30 Degree Bend, Deduct	*-77.36*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-16.70*	
26 05 36 00-0580	EA	18" Wide, 12" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	318.50	146.50
		For 60 Degree Bend, Deduct	*-48.96*	
		For 30 Degree Bend, Deduct	*-89.74*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-19.64*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0581	EA	24" Wide, 12" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	394.68	179.41
		For 60 Degree Bend, Deduct	*-61.47*	
		For 30 Degree Bend, Deduct	*-112.41*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.52*	
26 05 36 00-0582	EA	30" Wide, 12" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	465.53	205.96
		For 60 Degree Bend, Deduct	*-74.66*	
		For 30 Degree Bend, Deduct	*-135.88*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.39*	
26 05 36 00-0583	EA	36" Wide, 12" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	530.53	241.78
		For 60 Degree Bend, Deduct	*-82.38*	
		For 30 Degree Bend, Deduct	*-150.74*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.90*	

26 05 36 00-0584 24" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*

26 05 36 00-0585	EA	6" Wide, 24" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	227.17	86.93
		For 60 Degree Bend, Deduct	*-41.66*	
		For 30 Degree Bend, Deduct	*-74.26*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-15.48*	
26 05 36 00-0586	EA	9" Wide, 24" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	262.34	104.77
		For 60 Degree Bend, Deduct	*-46.40*	
		For 30 Degree Bend, Deduct	*-83.16*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-17.50*	
26 05 36 00-0587	EA	12" Wide, 24" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	299.96	121.00
		For 60 Degree Bend, Deduct	*-52.61*	
		For 30 Degree Bend, Deduct	*-94.40*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-19.91*	
26 05 36 00-0588	EA	18" Wide, 24" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	358.53	154.50
		For 60 Degree Bend, Deduct	*-59.07*	
		For 30 Degree Bend, Deduct	*-107.04*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.97*	
26 05 36 00-0589	EA	24" Wide, 24" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	442.04	191.93
		For 60 Degree Bend, Deduct	*-72.31*	
		For 30 Degree Bend, Deduct	*-131.19*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.21*	
26 05 36 00-0590	EA	30" Wide, 24" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	517.14	222.65
		For 60 Degree Bend, Deduct	*-85.32*	
		For 30 Degree Bend, Deduct	*-154.57*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.16*	
26 05 36 00-0591	EA	36" Wide, 24" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	609.09	265.07
		For 60 Degree Bend, Deduct	*-99.41*	
		For 30 Degree Bend, Deduct	*-180.40*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-38.82*	

26 05 36 00-0592 36" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*

26 05 36 00-0593	EA	6" Wide, 36" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	267.67	89.71
		For 60 Degree Bend, Deduct	*-53.96*	
		For 30 Degree Bend, Deduct	*-94.91*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-19.30*	
26 05 36 00-0594	EA	9" Wide, 36" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	306.43	108.95
		For 60 Degree Bend, Deduct	*-59.37*	
		For 30 Degree Bend, Deduct	*-104.99*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.57*	
26 05 36 00-0595	EA	12" Wide, 36" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	338.27	126.45
		For 60 Degree Bend, Deduct	*-63.16*	
		For 30 Degree Bend, Deduct	*-112.29*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.29*	
26 05 36 00-0596	EA	18" Wide, 36" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	411.00	163.66
		For 60 Degree Bend, Deduct	*-72.88*	
		For 30 Degree Bend, Deduct	*-130.56*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.46*	
26 05 36 00-0597	EA	24" Wide, 36" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	489.44	205.96
		For 60 Degree Bend, Deduct	*-82.55*	
		For 30 Degree Bend, Deduct	*-149.03*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.78*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0598	EA	30" Wide, 36" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	591.64	241.78
		For 60 Degree Bend, Deduct	*-102.55*	
		For 30 Degree Bend, Deduct	*-184.35*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-39.01*	
26 05 36 00-0599	EA	36" Wide, 36" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	697.71	292.66
		For 60 Degree Bend, Deduct	*-118.05*	
		For 30 Degree Bend, Deduct	*-213.01*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-45.38*	

26 05 36 00-0600 12" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*

26 05 36 00-0601	EA	6" Wide, 12" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	308.76	115.91
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.22*	
26 05 36 00-0602	EA	9" Wide, 12" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	338.91	132.37
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.86*	
26 05 36 00-0603	EA	12" Wide, 12" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	366.12	146.39
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.42*	
26 05 36 00-0604	EA	18" Wide, 12" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	426.56	179.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.70*	
26 05 36 00-0605	EA	24" Wide, 12" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	476.16	205.96
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.45*	
26 05 36 00-0606	EA	30" Wide, 12" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	529.82	231.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.67*	
26 05 36 00-0607	EA	36" Wide, 12" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	589.82	264.61
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.93*	

26 05 36 00-0608 24" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*

26 05 36 00-0609	EA	6" Wide, 24" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	364.91	120.89
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.42*	
26 05 36 00-0610	EA	9" Wide, 24" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	399.20	139.08
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.33*	
26 05 36 00-0611	EA	12" Wide, 24" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	431.60	154.50
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.28*	
26 05 36 00-0612	EA	18" Wide, 24" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	503.15	191.93
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.32*	
26 05 36 00-0613	EA	24" Wide, 24" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	563.64	222.65
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.81*	
26 05 36 00-0614	EA	30" Wide, 24" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	624.42	252.67
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-41.38*	
26 05 36 00-0615	EA	36" Wide, 24" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	716.31	292.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-47.24*	

26 05 36 00-0616 36" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*

26 05 36 00-0617	EA	6" Wide, 36" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	431.11	126.33
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.58*	
26 05 36 00-0618	EA	9" Wide, 36" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	472.40	146.39
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-35.05*	
26 05 36 00-0619	EA	12" Wide, 36" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	503.99	163.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.76*	
26 05 36 00-0620	EA	18" Wide, 36" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	593.06	205.96
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-42.14*	
26 05 36 00-0621	EA	24" Wide, 36" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	655.41	241.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-45.39*	
26 05 36 00-0622	EA	30" Wide, 36" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	750.56	278.17
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-51.88*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0623	EA	36" Wide, 36" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	850.21	326.85
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-57.79*	

26 05 36 00-0624 12" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*

26 05 36 00-0625	EA	6" Wide, 12" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	543.28	222.65
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-35.78*	
26 05 36 00-0626	EA	9" Wide, 12" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	588.13	241.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-38.66*	
26 05 36 00-0627	EA	12" Wide, 12" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	616.57	252.67
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-40.60*	
26 05 36 00-0628	EA	18" Wide, 12" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	687.31	278.17
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-45.55*	
26 05 36 00-0629	EA	24" Wide, 12" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	776.94	308.76
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-51.96*	
26 05 36 00-0630	EA	30" Wide, 12" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	859.37	327.43
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-58.65*	
26 05 36 00-0631	EA	36" Wide, 12" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	972.65	370.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-66.37*	

26 05 36 00-0632 24" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*

26 05 36 00-0633	EA	6" Wide, 24" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	672.98	241.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-47.15*	
26 05 36 00-0634	EA	9" Wide, 24" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	724.54	265.07
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-50.37*	
26 05 36 00-0635	EA	12" Wide, 24" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	756.73	278.17
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-52.49*	
26 05 36 00-0636	EA	18" Wide, 24" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	830.93	308.76
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-57.36*	
26 05 36 00-0637	EA	24" Wide, 24" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	924.07	347.71
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-63.43*	
26 05 36 00-0638	EA	30" Wide, 24" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	993.22	370.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-68.43*	
26 05 36 00-0639	EA	36" Wide, 24" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,194.51	428.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-83.77*	

26 05 36 00-0640 36" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*

26 05 36 00-0641	EA	6" Wide, 36" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	845.38	265.07
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-62.45*	
26 05 36 00-0642	EA	9" Wide, 36" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	906.92	292.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-66.30*	
26 05 36 00-0643	EA	12" Wide, 36" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	962.07	308.76
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-70.47*	
26 05 36 00-0644	EA	18" Wide, 36" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,060.34	347.71
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-77.06*	
26 05 36 00-0645	EA	24" Wide, 36" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,204.08	396.97
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-87.33*	
26 05 36 00-0646	EA	30" Wide, 36" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,305.08	428.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-94.82*	
26 05 36 00-0647	EA	36" Wide, 36" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,477.43	505.34
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-105.63*	

26 05 36 00-0648 12" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0649	EA	6" Wide, 12" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	636.43	205.96
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-46.48*	
26 05 36 00-0650	EA	9" Wide, 12" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	652.53	214.07
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-47.41*	
26 05 36 00-0651	EA	12" Wide, 12" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	669.27	222.65
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-48.38*	
26 05 36 00-0652	EA	18" Wide, 12" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	706.41	241.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-50.49*	
26 05 36 00-0653	EA	24" Wide, 12" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	729.71	252.67
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-51.91*	
26 05 36 00-0654	EA	30" Wide, 12" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	792.73	278.17
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-56.09*	
26 05 36 00-0655	EA	36" Wide, 12" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	856.65	308.76
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-59.93*	

26 05 36 00-0656 24" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*

26 05 36 00-0657	EA	6" Wide, 24" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	900.69	222.65
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-71.52*	
26 05 36 00-0658	EA	9" Wide, 24" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	923.73	231.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-73.06*	
26 05 36 00-0659	EA	12" Wide, 24" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	948.10	241.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-74.66*	
26 05 36 00-0660	EA	18" Wide, 24" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,002.23	265.07
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-78.14*	
26 05 36 00-0661	EA	24" Wide, 24" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,039.57	278.17
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-80.78*	
26 05 36 00-0662	EA	30" Wide, 24" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,106.06	308.76
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-84.87*	
26 05 36 00-0663	EA	36" Wide, 24" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,196.62	347.71
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-90.69*	

26 05 36 00-0664 36" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*

26 05 36 00-0665	EA	6" Wide, 36" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,392.93	241.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-119.14*	
26 05 36 00-0666	EA	9" Wide, 36" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,423.94	252.67
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-121.34*	
26 05 36 00-0667	EA	12" Wide, 36" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,457.34	265.07
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-123.65*	
26 05 36 00-0668	EA	18" Wide, 36" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,516.31	292.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-127.24*	
26 05 36 00-0669	EA	24" Wide, 36" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,556.02	308.76
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-129.87*	
26 05 36 00-0670	EA	30" Wide, 36" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,659.44	347.71
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-136.97*	
26 05 36 00-0671	EA	36" Wide, 36" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,754.33	396.97
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-142.36*	

26 05 36 00-0672 12" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*

26 05 36 00-0673	EA	6" Wide, 12" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	677.02	278.17
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-44.52*	
26 05 36 00-0674	EA	9" Wide, 12" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	711.51	292.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-46.76*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0675	EA	12" Wide, 12" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	758.94	308.76
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-50.16*	
26 05 36 00-0676	EA	18" Wide, 12" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	813.09	327.43
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-54.03*	
26 05 36 00-0677	EA	24" Wide, 12" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	916.08	370.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-60.72*	
26 05 36 00-0678	EA	30" Wide, 12" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,018.95	396.97
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-68.82*	
26 05 36 00-0679	EA	36" Wide, 12" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,112.23	428.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-75.54*	

26 05 36 00-0680 24" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*

26 05 36 00-0681	EA	6" Wide, 24" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	928.64	308.76
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-67.13*	
26 05 36 00-0682	EA	9" Wide, 24" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	972.51	327.43
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-69.97*	
26 05 36 00-0683	EA	12" Wide, 24" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,019.20	347.71
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-72.94*	
26 05 36 00-0684	EA	18" Wide, 24" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,085.79	370.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-77.69*	
26 05 36 00-0685	EA	24" Wide, 24" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,212.51	428.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-85.57*	
26 05 36 00-0686	EA	30" Wide, 24" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,304.94	463.61
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-91.86*	
26 05 36 00-0687	EA	36" Wide, 24" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,459.43	505.34
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-103.83*	

26 05 36 00-0688 36" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*

26 05 36 00-0689	EA	6" Wide, 36" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,158.05	347.71
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-86.83*	
26 05 36 00-0690	EA	9" Wide, 36" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,222.06	370.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-91.32*	
26 05 36 00-0691	EA	12" Wide, 36" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,291.50	396.97
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-96.07*	
26 05 36 00-0692	EA	18" Wide, 36" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,407.93	428.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-105.11*	
26 05 36 00-0693	EA	24" Wide, 36" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,613.70	505.34
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-119.25*	
26 05 36 00-0694	EA	30" Wide, 36" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,761.40	555.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-129.85*	
26 05 36 00-0695	EA	36" Wide, 36" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,931.10	618.69
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-141.55*	

26 05 36 00-0696 12" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting *(26 05 36 00-0551)*

26 05 36 00-0697	EA	6" Wide, 12" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	773.06	278.17
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-54.13*	
26 05 36 00-0698	EA	9" Wide, 12" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	812.34	292.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-56.84*	
26 05 36 00-0699	EA	12" Wide, 12" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	868.77	308.76
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-61.15*	
26 05 36 00-0700	EA	18" Wide, 12" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	933.63	327.55
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-66.07*	
26 05 36 00-0701	EA	24" Wide, 12" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,050.30	370.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-74.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0702	EA	30" Wide, 12" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,180.08	397.09
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-84.92*	
26 05 36 00-0703	EA	36" Wide, 12" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,290.71	427.69
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-93.43*	
26 05 36 00-0704		**24" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0551)*		
26 05 36 00-0705	EA	6" Wide, 24" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,114.93	308.76
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-85.76*	
26 05 36 00-0706	EA	9" Wide, 24" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,164.58	327.43
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-89.17*	
26 05 36 00-0707	EA	12" Wide, 24" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,217.06	347.71
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-92.73*	
26 05 36 00-0708	EA	18" Wide, 24" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,296.37	370.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-98.75*	
26 05 36 00-0709	EA	24" Wide, 24" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,436.98	428.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-108.01*	
26 05 36 00-0710	EA	30" Wide, 24" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,544.45	463.61
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-115.81*	
26 05 36 00-0711	EA	36" Wide, 24" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,737.12	505.34
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-131.60*	
26 05 36 00-0712		**36" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting** *(26 05 36 00-0551)*		
26 05 36 00-0713	EA	6" Wide, 36" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,418.39	347.71
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-112.86*	
26 05 36 00-0714	EA	9" Wide, 36" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,493.97	370.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-118.51*	
26 05 36 00-0715	EA	12" Wide, 36" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,574.98	396.97
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-124.42*	
26 05 36 00-0716	EA	18" Wide, 36" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,720.33	428.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-136.35*	
26 05 36 00-0717	EA	24" Wide, 36" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	1,960.82	505.34
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-153.97*	
26 05 36 00-0718	EA	30" Wide, 36" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	2,137.45	555.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-167.46*	
26 05 36 00-0719	EA	36" Wide, 36" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	2,336.08	618.69
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-182.05*	
26 05 36 00-0720		**Dropout Or End Plates And Reducers** *(26 05 36 00-0002)*		
26 05 36 00-0721		**Straight Reducers** *(26 05 36 00-0720)*		
26 05 36 00-0722	EA	9" To 6" Reducer, Steel Cable Tray	274.02	85.54
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-20.27*	
26 05 36 00-0723	EA	12" To 9" Reducer, Steel Cable Tray	288.66	92.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.15*	
26 05 36 00-0724	EA	18" To 12" Reducer, Steel Cable Tray	312.48	106.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.34*	
26 05 36 00-0725	EA	24" To 18" Reducer, Steel Cable Tray	343.22	123.67
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.02*	
26 05 36 00-0726	EA	30" To 24" Reducer, Steel Cable Tray	371.80	139.08
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.59*	
26 05 36 00-0727	EA	36" To 30" Reducer, Steel Cable Tray	421.99	158.91
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.96*	
26 05 36 00-0728		**Reducers** *(26 05 36 00-0720)*		
26 05 36 00-0729	EA	18" To 6" Reducer, Steel Cable Tray	318.30	106.98
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.91*	
26 05 36 00-0730	EA	24" To 12" Reducer, Steel Cable Tray	349.23	123.79
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.60*	
26 05 36 00-0731	EA	30" To 12" Reducer, Steel Cable Tray	383.05	138.97
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.72*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0732	EA	30" To 18" Reducer, Steel Cable Tray	388.57	138.85
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.29*	
26 05 36 00-0733	EA	36" To 12" Reducer, Steel Cable Tray	424.85	158.91
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.24*	
26 05 36 00-0734	EA	36" To 18" Reducer, Steel Cable Tray	437.52	163.08
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.16*	
26 05 36 00-0735	EA	36" To 24" Reducer, Steel Cable Tray	451.92	168.29
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.17*	
26 05 36 00-0736		**Dropout Or End Plate** *(26 05 36 00-0720)*		
26 05 36 00-0737	EA	6" Dropout Or End Plate, Steel Cable Tray	72.66	34.77
26 05 36 00-0738	EA	9" Dropout Or End Plate, Steel Cable Tray	83.46	39.75
26 05 36 00-0739	EA	12" Dropout Or End Plate, Steel Cable Tray	90.14	42.77
26 05 36 00-0740	EA	18" Dropout Or End Plate, Steel Cable Tray	106.39	50.54
26 05 36 00-0741	EA	24" Dropout Or End Plate, Steel Cable Tray	119.58	55.64
26 05 36 00-0742	EA	30" Dropout Or End Plate, Steel Cable Tray	132.48	61.77
26 05 36 00-0743	EA	36" Dropout Or End Plate, Steel Cable Tray	149.62	69.54
26 05 36 00-0744		**Ladder Bottom Aluminum Cable Tray** *(26 05 36 00-0001)* Note: 4-5/8" Height		
26 05 36 00-0745		**Straight Tray Sections** *(26 05 36 00-0744)*		
26 05 36 00-0746		**4" Rung Spacing** *(26 05 36 00-0745)*		
26 05 36 00-0747	LF	6" Aluminum Cable Tray, 4" Rung Spacing, Straight Section	131.52	8.11
		For Class 12C Instead Of Class 12B, Add	*18.37*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-12.47*	
		For 6" Overall Height Instead Of 4-5/8", Add	*6.58*	
26 05 36 00-0748	LF	9" Aluminum Cable Tray, 4" Rung Spacing, Straight Section	139.10	8.58
		For Class 12C Instead Of Class 12B, Add	*19.44*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-13.20*	
		For 6" Overall Height Instead Of 4-5/8", Add	*6.96*	
26 05 36 00-0749	LF	12" Aluminum Cable Tray, 4" Rung Spacing, Straight Section	146.68	8.92
		For Class 12C Instead Of Class 12B, Add	*20.51*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-13.92*	
		For 6" Overall Height Instead Of 4-5/8", Add	*7.33*	
26 05 36 00-0750	LF	18" Aluminum Cable Tray, 4" Rung Spacing, Straight Section	163.02	9.73
		For Class 12C Instead Of Class 12B, Add	*22.82*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-15.49*	
		For 6" Overall Height Instead Of 4-5/8", Add	*8.15*	
26 05 36 00-0751	LF	24" Aluminum Cable Tray, 4" Rung Spacing, Straight Section	188.74	10.43
		For Class 12C Instead Of Class 12B, Add	*26.58*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-18.01*	
		For 6" Overall Height Instead Of 4-5/8", Add	*9.44*	
26 05 36 00-0752	LF	30" Aluminum Cable Tray, 4" Rung Spacing, Straight Section	207.19	11.13
		For Class 12C Instead Of Class 12B, Add	*29.23*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-19.80*	
		For 6" Overall Height Instead Of 4-5/8", Add	*10.36*	
26 05 36 00-0753	LF	36" Aluminum Cable Tray, 4" Rung Spacing, Straight Section	223.42	11.82
		For Class 12C Instead Of Class 12B, Add	*31.54*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.35*	
		For 6" Overall Height Instead Of 4-5/8", Add	*11.17*	
26 05 36 00-0754		**6" Rung Spacing** *(26 05 36 00-0745)*		
26 05 36 00-0755	LF	6" Aluminum Cable Tray, 6" Rung Spacing, Straight Section	120.79	8.11
		For Class 12C Instead Of Class 12B, Add	*16.76*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-11.40*	
		For 6" Overall Height Instead Of 4-5/8", Add	*6.04*	
26 05 36 00-0756	LF	9" Aluminum Cable Tray, 6" Rung Spacing, Straight Section	127.75	8.58
		For Class 12C Instead Of Class 12B, Add	*17.74*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-12.06*	
		For 6" Overall Height Instead Of 4-5/8", Add	*6.39*	
26 05 36 00-0757	LF	12" Aluminum Cable Tray, 6" Rung Spacing, Straight Section	134.70	8.92
		For Class 12C Instead Of Class 12B, Add	*18.71*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-12.72*	
		For 6" Overall Height Instead Of 4-5/8", Add	*6.74*	
26 05 36 00-0758	LF	18" Aluminum Cable Tray, 6" Rung Spacing, Straight Section	149.69	9.73
		For Class 12C Instead Of Class 12B, Add	*20.82*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-14.15*	
		For 6" Overall Height Instead Of 4-5/8", Add	*7.48*	
26 05 36 00-0759	LF	24" Aluminum Cable Tray, 6" Rung Spacing, Straight Section	173.16	10.43
		For Class 12C Instead Of Class 12B, Add	*24.25*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-16.45*	
		For 6" Overall Height Instead Of 4-5/8", Add	*8.66*	
26 05 36 00-0760	LF	30" Aluminum Cable Tray, 6" Rung Spacing, Straight Section	190.04	11.13
		For Class 12C Instead Of Class 12B, Add	*26.66*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-18.08*	
		For 6" Overall Height Instead Of 4-5/8", Add	*9.50*	
26 05 36 00-0761	LF	36" Aluminum Cable Tray, 6" Rung Spacing, Straight Section	204.91	11.82
		For Class 12C Instead Of Class 12B, Add	*28.76*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-19.50*	
		For 6" Overall Height Instead Of 4-5/8", Add	*10.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0762		**9" Rung Spacing** *(26 05 36 00-0745)*		
26 05 36 00-0763	LF	6" Aluminum Cable Tray, 9" Rung Spacing, Straight Section	107.15	7.77
		For Class 12C Instead Of Class 12B, Add	*14.77*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-10.07*	
		For 6" Overall Height Instead Of 4-5/8", Add	*5.36*	
26 05 36 00-0764	LF	9" Aluminum Cable Tray, 9" Rung Spacing, Straight Section	108.24	8.11
		For Class 12C Instead Of Class 12B, Add	*14.88*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-10.15*	
		For 6" Overall Height Instead Of 4-5/8", Add	*5.41*	
26 05 36 00-0765	LF	12" Aluminum Cable Tray, 9" Rung Spacing, Straight Section	116.21	8.58
		For Class 12C Instead Of Class 12B, Add	*16.01*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-10.91*	
		For 6" Overall Height Instead Of 4-5/8", Add	*5.81*	
26 05 36 00-0766	LF	18" Aluminum Cable Tray, 9" Rung Spacing, Straight Section	124.06	9.16
		For Class 12C Instead Of Class 12B, Add	*17.08*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-11.64*	
		For 6" Overall Height Instead Of 4-5/8", Add	*6.20*	
26 05 36 00-0767	LF	24" Aluminum Cable Tray, 9" Rung Spacing, Straight Section	141.34	9.50
		For Class 12C Instead Of Class 12B, Add	*19.62*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-13.34*	
		For 6" Overall Height Instead Of 4-5/8", Add	*7.07*	
26 05 36 00-0768	LF	30" Aluminum Cable Tray, 9" Rung Spacing, Straight Section	156.74	10.20
		For Class 12C Instead Of Class 12B, Add	*21.80*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-14.82*	
		For 6" Overall Height Instead Of 4-5/8", Add	*7.84*	
26 05 36 00-0769	LF	36" Aluminum Cable Tray, 9" Rung Spacing, Straight Section	166.08	11.13
		For Class 12C Instead Of Class 12B, Add	*23.05*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-15.68*	
		For 6" Overall Height Instead Of 4-5/8", Add	*8.30*	
26 05 36 00-0770		**12" Rung Spacing** *(26 05 36 00-0745)*		
26 05 36 00-0771	LF	6" Aluminum Cable Tray, 12" Rung Spacing, Straight Section	105.12	7.54
		For Class 12C Instead Of Class 12B, Add	*14.51*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-9.89*	
		For 6" Overall Height Instead Of 4-5/8", Add	*5.26*	
26 05 36 00-0772	LF	9" Aluminum Cable Tray, 12" Rung Spacing, Straight Section	106.10	7.77
		For Class 12C Instead Of Class 12B, Add	*14.62*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-9.96*	
		For 6" Overall Height Instead Of 4-5/8", Add	*5.31*	
26 05 36 00-0773	LF	12" Aluminum Cable Tray, 12" Rung Spacing, Straight Section	110.00	8.23
		For Class 12C Instead Of Class 12B, Add	*15.12*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-10.31*	
		For 6" Overall Height Instead Of 4-5/8", Add	*5.50*	
26 05 36 00-0774	LF	18" Aluminum Cable Tray, 12" Rung Spacing, Straight Section	116.55	8.69
		For Class 12C Instead Of Class 12B, Add	*16.03*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-10.93*	
		For 6" Overall Height Instead Of 4-5/8", Add	*5.83*	
26 05 36 00-0775	LF	24" Aluminum Cable Tray, 12" Rung Spacing, Straight Section	128.27	8.81
		For Class 12C Instead Of Class 12B, Add	*17.76*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-12.09*	
		For 6" Overall Height Instead Of 4-5/8", Add	*6.41*	
26 05 36 00-0776	LF	30" Aluminum Cable Tray, 12" Rung Spacing, Straight Section	137.52	9.73
		For Class 12C Instead Of Class 12B, Add	*19.01*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-12.94*	
		For 6" Overall Height Instead Of 4-5/8", Add	*6.88*	
26 05 36 00-0777	LF	36" Aluminum Cable Tray, 12" Rung Spacing, Straight Section	145.16	10.54
		For Class 12C Instead Of Class 12B, Add	*20.02*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-13.64*	
		For 6" Overall Height Instead Of 4-5/8", Add	*7.26*	
26 05 36 00-0778		**18" Rung Spacing** *(26 05 36 00-0745)*		
26 05 36 00-0779	LF	6" Aluminum Cable Tray, 18" Rung Spacing, Straight Section	104.26	7.30
		For Class 12C Instead Of Class 12B, Add	*14.42*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-9.82*	
		For 6" Overall Height Instead Of 4-5/8", Add	*5.21*	
26 05 36 00-0780	LF	9" Aluminum Cable Tray, 18" Rung Spacing, Straight Section	103.67	7.65
		For Class 12C Instead Of Class 12B, Add	*14.28*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-9.73*	
		For 6" Overall Height Instead Of 4-5/8", Add	*5.18*	
26 05 36 00-0781	LF	12" Aluminum Cable Tray, 18" Rung Spacing, Straight Section	109.43	7.88
		For Class 12C Instead Of Class 12B, Add	*15.10*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-10.28*	
		For 6" Overall Height Instead Of 4-5/8", Add	*5.47*	
26 05 36 00-0782	LF	18" Aluminum Cable Tray, 18" Rung Spacing, Straight Section	115.33	8.35
		For Class 12C Instead Of Class 12B, Add	*15.91*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-10.84*	
		For 6" Overall Height Instead Of 4-5/8", Add	*5.77*	
26 05 36 00-0783	LF	24" Aluminum Cable Tray, 18" Rung Spacing, Straight Section	123.40	8.46
		For Class 12C Instead Of Class 12B, Add	*17.10*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-11.64*	
		For 6" Overall Height Instead Of 4-5/8", Add	*6.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0784	LF	30" Aluminum Cable Tray, 18" Rung Spacing, Straight Section	128.35	9.27
		For Class 12C Instead Of Class 12B, Add	*17.72*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-12.07*	
		For 6" Overall Height Instead Of 4-5/8", Add	*6.42*	
26 05 36 00-0785	LF	36" Aluminum Cable Tray, 18" Rung Spacing, Straight Section	135.05	10.08
		For Class 12C Instead Of Class 12B, Add	*18.57*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-12.66*	
		For 6" Overall Height Instead Of 4-5/8", Add	*6.75*	

26 05 36 00-0786 4" Rung Tray Fittings *(26 05 36 00-0744)*

26 05 36 00-0787 90 Degree, 12" Radius Horizontal Elbows *(26 05 36 00-0786)*

26 05 36 00-0788	EA	6" Horizontal 90 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	337.91	116.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.11*	
		For 6" Overall Height Instead Of 4-5/8", Add	*16.90*	
26 05 36 00-0789	EA	9" Horizontal 90 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	368.55	132.37
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.82*	
		For 6" Overall Height Instead Of 4-5/8", Add	*18.43*	
26 05 36 00-0790	EA	12" Horizontal 90 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	419.15	146.39
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.72*	
		For 6" Overall Height Instead Of 4-5/8", Add	*20.96*	
26 05 36 00-0791	EA	18" Horizontal 90 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	496.19	179.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.67*	
		For 6" Overall Height Instead Of 4-5/8", Add	*24.81*	
26 05 36 00-0792	EA	24" Horizontal 90 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	587.93	205.96
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-41.63*	
		For 6" Overall Height Instead Of 4-5/8", Add	*29.40*	
26 05 36 00-0793	EA	30" Horizontal 90 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	645.56	231.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-45.24*	
		For 6" Overall Height Instead Of 4-5/8", Add	*32.28*	
26 05 36 00-0794	EA	36" Horizontal 90 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	755.56	264.95
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-53.48*	
		For 6" Overall Height Instead Of 4-5/8", Add	*37.78*	

26 05 36 00-0795 90 Degree, 24" Radius Horizontal Elbows *(26 05 36 00-0786)*

26 05 36 00-0796	EA	6" Horizontal 90 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	457.08	120.89
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-35.63*	
		For 6" Overall Height Instead Of 4-5/8", Add	*22.85*	
26 05 36 00-0797	EA	9" Horizontal 90 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	498.16	138.97
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-38.23*	
		For 6" Overall Height Instead Of 4-5/8", Add	*24.91*	
26 05 36 00-0798	EA	12" Horizontal 90 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	536.87	154.50
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-40.81*	
		For 6" Overall Height Instead Of 4-5/8", Add	*26.84*	
26 05 36 00-0799	EA	18" Horizontal 90 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	622.86	191.93
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-46.30*	
		For 6" Overall Height Instead Of 4-5/8", Add	*31.14*	
26 05 36 00-0800	EA	24" Horizontal 90 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	703.25	222.65
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-51.77*	
		For 6" Overall Height Instead Of 4-5/8", Add	*35.16*	
26 05 36 00-0801	EA	30" Horizontal 90 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	784.44	252.67
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-57.39*	
		For 6" Overall Height Instead Of 4-5/8", Add	*39.22*	
26 05 36 00-0802	EA	36" Horizontal 90 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	896.73	292.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-65.28*	
		For 6" Overall Height Instead Of 4-5/8", Add	*44.84*	

26 05 36 00-0803 90 Degree, 36" Radius Horizontal Elbows *(26 05 36 00-0786)*

26 05 36 00-0804	EA	6" Horizontal 90 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	491.71	126.33
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-38.64*	
		For 6" Overall Height Instead Of 4-5/8", Add	*24.59*	
26 05 36 00-0805	EA	9" Horizontal 90 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	532.13	146.27
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-41.03*	
		For 6" Overall Height Instead Of 4-5/8", Add	*26.61*	
26 05 36 00-0806	EA	12" Horizontal 90 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	594.13	163.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-45.77*	
		For 6" Overall Height Instead Of 4-5/8", Add	*29.71*	
26 05 36 00-0807	EA	18" Horizontal 90 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	704.76	205.96
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-53.31*	
		For 6" Overall Height Instead Of 4-5/8", Add	*35.24*	
26 05 36 00-0808	EA	24" Horizontal 90 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	811.92	241.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-61.04*	
		For 6" Overall Height Instead Of 4-5/8", Add	*40.60*	
26 05 36 00-0809	EA	30" Horizontal 90 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	912.69	278.17
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-68.09*	
		For 6" Overall Height Instead Of 4-5/8", Add	*45.63*	
26 05 36 00-0810	EA	36" Horizontal 90 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,059.46	326.85
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-78.71*	
		For 6" Overall Height Instead Of 4-5/8", Add	*52.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0811		**45 Degree, 12" Radius Horizontal Elbows** *(26 05 36 00-0786)*		
26 05 36 00-0812	EA	6" Horizontal 45 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	235.31	84.26
		For 60 Degree Bend, Deduct	*-45.36*	
		For 30 Degree Bend, Deduct	*-80.29*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-16.51*	
		For 6" Overall Height Instead Of 4-5/8", Add	*11.77*	
26 05 36 00-0813	EA	9" Horizontal 45 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	266.95	101.06
		For 60 Degree Bend, Deduct	*-49.37*	
		For 30 Degree Bend, Deduct	*-87.89*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-18.28*	
		For 6" Overall Height Instead Of 4-5/8", Add	*13.35*	
26 05 36 00-0814	EA	12" Horizontal 45 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	295.41	115.91
		For 60 Degree Bend, Deduct	*-53.05*	
		For 30 Degree Bend, Deduct	*-94.86*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-19.88*	
		For 6" Overall Height Instead Of 4-5/8", Add	*14.77*	
26 05 36 00-0815	EA	18" Horizontal 45 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	364.59	146.50
		For 60 Degree Bend, Deduct	*-64.17*	
		For 30 Degree Bend, Deduct	*-115.09*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.25*	
		For 6" Overall Height Instead Of 4-5/8", Add	*18.23*	
26 05 36 00-0816	EA	24" Horizontal 45 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	448.72	179.41
		For 60 Degree Bend, Deduct	*-79.30*	
		For 30 Degree Bend, Deduct	*-142.14*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.92*	
		For 6" Overall Height Instead Of 4-5/8", Add	*22.44*	
26 05 36 00-0817	EA	30" Horizontal 45 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	514.91	205.96
		For 60 Degree Bend, Deduct	*-90.96*	
		For 30 Degree Bend, Deduct	*-163.04*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.33*	
		For 6" Overall Height Instead Of 4-5/8", Add	*25.75*	
26 05 36 00-0818	EA	36" Horizontal 45 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	581.90	241.78
		For 60 Degree Bend, Deduct	*-99.34*	
		For 30 Degree Bend, Deduct	*-179.00*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-38.04*	
		For 6" Overall Height Instead Of 4-5/8", Add	*29.10*	
26 05 36 00-0819		**45 Degree, 24" Radius Horizontal Elbows** *(26 05 36 00-0786)*		
26 05 36 00-0820	EA	6" Horizontal 45 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	272.59	86.93
		For 60 Degree Bend, Deduct	*-56.65*	
		For 30 Degree Bend, Deduct	*-99.24*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-20.02*	
		For 6" Overall Height Instead Of 4-5/8", Add	*13.63*	
26 05 36 00-0821	EA	9" Horizontal 45 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	317.05	104.77
		For 60 Degree Bend, Deduct	*-64.45*	
		For 30 Degree Bend, Deduct	*-113.25*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.97*	
		For 6" Overall Height Instead Of 4-5/8", Add	*15.85*	
26 05 36 00-0822	EA	12" Horizontal 45 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	347.69	121.00
		For 60 Degree Bend, Deduct	*-68.36*	
		For 30 Degree Bend, Deduct	*-120.65*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.69*	
		For 6" Overall Height Instead Of 4-5/8", Add	*17.38*	
26 05 36 00-0823	EA	18" Horizontal 45 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	414.56	154.50
		For 60 Degree Bend, Deduct	*-77.56*	
		For 30 Degree Bend, Deduct	*-137.86*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.58*	
		For 6" Overall Height Instead Of 4-5/8", Add	*20.73*	
26 05 36 00-0824	EA	24" Horizontal 45 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	502.37	191.93
		For 60 Degree Bend, Deduct	*-92.22*	
		For 30 Degree Bend, Deduct	*-164.37*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.25*	
		For 6" Overall Height Instead Of 4-5/8", Add	*25.12*	
26 05 36 00-0825	EA	30" Horizontal 45 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	590.07	222.65
		For 60 Degree Bend, Deduct	*-109.39*	
		For 30 Degree Bend, Deduct	*-194.69*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-40.46*	
		For 6" Overall Height Instead Of 4-5/8", Add	*29.50*	
26 05 36 00-0826	EA	36" Horizontal 45 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	671.72	265.07
		For 60 Degree Bend, Deduct	*-120.08*	
		For 30 Degree Bend, Deduct	*-214.85*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-45.09*	
		For 6" Overall Height Instead Of 4-5/8", Add	*33.59*	
26 05 36 00-0827		**45 Degree, 36" Radius Horizontal Elbows** *(26 05 36 00-0786)*		
26 05 36 00-0828	EA	6" Horizontal 45 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	321.04	89.71
		For 60 Degree Bend, Deduct	*-71.57*	
		For 30 Degree Bend, Deduct	*-124.27*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.63*	
		For 6" Overall Height Instead Of 4-5/8", Add	*16.05*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0829	EA	9" Horizontal 45 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	356.80	108.95
		For 60 Degree Bend, Deduct	*-75.99*	
		For 30 Degree Bend, Deduct	*-132.70*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.60*	
		For 6" Overall Height Instead Of 4-5/8", Add	*17.84*	
26 05 36 00-0830	EA	12" Horizontal 45 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	389.64	126.45
		For 60 Degree Bend, Deduct	*-80.11*	
		For 30 Degree Bend, Deduct	*-140.54*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.43*	
		For 6" Overall Height Instead Of 4-5/8", Add	*19.48*	
26 05 36 00-0831	EA	18" Horizontal 45 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	470.00	163.66
		For 60 Degree Bend, Deduct	*-92.35*	
		For 30 Degree Bend, Deduct	*-163.01*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.36*	
		For 6" Overall Height Instead Of 4-5/8", Add	*23.50*	
26 05 36 00-0832	EA	24" Horizontal 45 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	584.28	205.96
		For 60 Degree Bend, Deduct	*-113.85*	
		For 30 Degree Bend, Deduct	*-201.20*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-41.26*	
		For 6" Overall Height Instead Of 4-5/8", Add	*29.21*	
26 05 36 00-0833	EA	30" Horizontal 45 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	658.57	241.78
		For 60 Degree Bend, Deduct	*-124.64*	
		For 30 Degree Bend, Deduct	*-221.16*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-45.71*	
		For 6" Overall Height Instead Of 4-5/8", Add	*32.93*	
26 05 36 00-0834	EA	36" Horizontal 45 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	768.94	292.66
		For 60 Degree Bend, Deduct	*-141.55*	
		For 30 Degree Bend, Deduct	*-252.18*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-52.50*	
		For 6" Overall Height Instead Of 4-5/8", Add	*38.45*	

26 05 36 00-0835 90 Degree, 12" Radius Vertical Risers *(26 05 36 00-0786)*

26 05 36 00-0836	EA	6" Vertical Riser 90 Degree, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	372.47	115.91
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.59*	
		For 6" Overall Height Instead Of 4-5/8", Add	*18.62*	
26 05 36 00-0837	EA	9" Vertical Riser 90 Degree, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	409.75	132.37
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.94*	
		For 6" Overall Height Instead Of 4-5/8", Add	*20.49*	
26 05 36 00-0838	EA	12" Vertical Riser 90 Degree, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	436.23	146.39
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.43*	
		For 6" Overall Height Instead Of 4-5/8", Add	*21.81*	
26 05 36 00-0839	EA	18" Vertical Riser 90 Degree, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	497.88	179.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.84*	
		For 6" Overall Height Instead Of 4-5/8", Add	*24.89*	
26 05 36 00-0840	EA	24" Vertical Riser 90 Degree, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	551.94	205.96
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-38.03*	
		For 6" Overall Height Instead Of 4-5/8", Add	*27.60*	
26 05 36 00-0841	EA	30" Vertical Riser 90 Degree, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	604.75	231.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-41.16*	
		For 6" Overall Height Instead Of 4-5/8", Add	*30.24*	
26 05 36 00-0842	EA	36" Vertical Riser 90 Degree, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	665.96	264.61
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-44.54*	
		For 6" Overall Height Instead Of 4-5/8", Add	*33.30*	

26 05 36 00-0843 90 Degree, 24" Radius Vertical Risers *(26 05 36 00-0786)*

26 05 36 00-0844	EA	6" Vertical Riser 90 Degree, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	395.47	120.89
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.47*	
		For 6" Overall Height Instead Of 4-5/8", Add	*19.77*	
26 05 36 00-0845	EA	9" Vertical Riser 90 Degree, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	433.92	139.08
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.80*	
		For 6" Overall Height Instead Of 4-5/8", Add	*21.70*	
26 05 36 00-0846	EA	12" Vertical Riser 90 Degree, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	464.57	154.50
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.58*	
		For 6" Overall Height Instead Of 4-5/8", Add	*23.23*	
26 05 36 00-0847	EA	18" Vertical Riser 90 Degree, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	538.23	191.93
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.83*	
		For 6" Overall Height Instead Of 4-5/8", Add	*26.91*	
26 05 36 00-0848	EA	24" Vertical Riser 90 Degree, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	602.46	222.65
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-41.70*	
		For 6" Overall Height Instead Of 4-5/8", Add	*30.12*	
26 05 36 00-0849	EA	30" Vertical Riser 90 Degree, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	665.65	252.67
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-45.51*	
		For 6" Overall Height Instead Of 4-5/8", Add	*33.28*	
26 05 36 00-0850	EA	36" Vertical Riser 90 Degree, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	748.60	292.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-50.47*	
		For 6" Overall Height Instead Of 4-5/8", Add	*37.43*	

26 05 36 00-0851 90 Degree, 36" Radius Vertical Risers *(26 05 36 00-0786)*

26 05 36 00-0852	EA	6" Vertical Riser 90 Degree, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	510.49	126.33
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-40.52*	
		For 6" Overall Height Instead Of 4-5/8", Add	*25.52*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0853	EA	9" Vertical Riser 90 Degree, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	550.33	146.39
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-42.84*	
		For 6" Overall Height Instead Of 4-5/8", Add	*27.52*	
26 05 36 00-0854	EA	12" Vertical Riser 90 Degree, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	598.83	163.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-46.24*	
		For 6" Overall Height Instead Of 4-5/8", Add	*29.94*	
26 05 36 00-0855	EA	18" Vertical Riser 90 Degree, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	682.33	205.96
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-51.07*	
		For 6" Overall Height Instead Of 4-5/8", Add	*34.12*	
26 05 36 00-0856	EA	24" Vertical Riser 90 Degree, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	755.06	241.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-55.36*	
		For 6" Overall Height Instead Of 4-5/8", Add	*37.75*	
26 05 36 00-0857	EA	30" Vertical Riser 90 Degree, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	841.75	278.17
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-60.99*	
		For 6" Overall Height Instead Of 4-5/8", Add	*42.09*	
26 05 36 00-0858	EA	36" Vertical Riser 90 Degree, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	939.10	326.85
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-66.68*	
		For 6" Overall Height Instead Of 4-5/8", Add	*46.96*	

26 05 36 00-0859 12" Radius Horizontal Tees *(26 05 36 00-0786)*

26 05 36 00-0860	EA	6" Horizontal Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	577.82	222.65
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-39.23*	
		For 6" Overall Height Instead Of 4-5/8", Add	*28.89*	
26 05 36 00-0861	EA	9" Horizontal Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	623.37	241.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-42.19*	
		For 6" Overall Height Instead Of 4-5/8", Add	*31.17*	
26 05 36 00-0862	EA	12" Horizontal Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	644.92	252.67
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-43.43*	
		For 6" Overall Height Instead Of 4-5/8", Add	*32.25*	
26 05 36 00-0863	EA	18" Horizontal Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	731.44	278.17
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-49.96*	
		For 6" Overall Height Instead Of 4-5/8", Add	*36.57*	
26 05 36 00-0864	EA	24" Horizontal Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	809.62	308.76
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-55.23*	
		For 6" Overall Height Instead Of 4-5/8", Add	*40.48*	
26 05 36 00-0865	EA	30" Horizontal Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	888.10	327.43
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-61.53*	
		For 6" Overall Height Instead Of 4-5/8", Add	*44.41*	
26 05 36 00-0866	EA	36" Horizontal Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,028.04	370.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-71.91*	
		For 6" Overall Height Instead Of 4-5/8", Add	*51.40*	

26 05 36 00-0867 24" Radius Horizontal Tees *(26 05 36 00-0786)*

26 05 36 00-0868	EA	6" Horizontal Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	755.59	241.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-55.41*	
		For 6" Overall Height Instead Of 4-5/8", Add	*37.78*	
26 05 36 00-0869	EA	9" Horizontal Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	814.63	265.07
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-59.38*	
		For 6" Overall Height Instead Of 4-5/8", Add	*40.73*	
26 05 36 00-0870	EA	12" Horizontal Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	846.71	278.17
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-61.49*	
		For 6" Overall Height Instead Of 4-5/8", Add	*42.34*	
26 05 36 00-0871	EA	18" Horizontal Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	931.67	308.76
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-67.43*	
		For 6" Overall Height Instead Of 4-5/8", Add	*46.58*	
26 05 36 00-0872	EA	24" Horizontal Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,033.81	347.71
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-74.41*	
		For 6" Overall Height Instead Of 4-5/8", Add	*51.69*	
26 05 36 00-0873	EA	30" Horizontal Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,116.19	370.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-80.73*	
		For 6" Overall Height Instead Of 4-5/8", Add	*55.81*	
26 05 36 00-0874	EA	36" Horizontal Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,476.50	428.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-111.97*	
		For 6" Overall Height Instead Of 4-5/8", Add	*73.83*	

26 05 36 00-0875 36" Radius Horizontal Tees *(26 05 36 00-0786)*

26 05 36 00-0876	EA	6" Horizontal Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	940.07	265.07
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-71.92*	
		For 6" Overall Height Instead Of 4-5/8", Add	*47.00*	
26 05 36 00-0877	EA	9" Horizontal Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	999.74	292.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-75.58*	
		For 6" Overall Height Instead Of 4-5/8", Add	*49.99*	
26 05 36 00-0878	EA	12" Horizontal Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,074.06	308.76
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-81.67*	
		For 6" Overall Height Instead Of 4-5/8", Add	*53.70*	
26 05 36 00-0879	EA	18" Horizontal Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,169.42	347.71
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-87.97*	
		For 6" Overall Height Instead Of 4-5/8", Add	*58.47*	
26 05 36 00-0880	EA	24" Horizontal Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,312.48	396.97
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-98.17*	
		For 6" Overall Height Instead Of 4-5/8", Add	*65.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0881	EA	30" Horizontal Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,537.52	428.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-118.07*	
		For 6" Overall Height Instead Of 4-5/8", Add	*76.88*	
26 05 36 00-0882	EA	36" Horizontal Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,757.70	505.34
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-133.65*	
		For 6" Overall Height Instead Of 4-5/8", Add	*87.89*	
26 05 36 00-0883		**12" Radius Vertical Tees** *(26 05 36 00-0786)*		
26 05 36 00-0884	EA	6" Vertical Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	807.77	205.96
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-63.61*	
		For 6" Overall Height Instead Of 4-5/8", Add	*40.39*	
26 05 36 00-0885	EA	9" Vertical Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	834.87	214.07
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-65.65*	
		For 6" Overall Height Instead Of 4-5/8", Add	*41.74*	
26 05 36 00-0886	EA	12" Vertical Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	852.43	222.65
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-66.69*	
		For 6" Overall Height Instead Of 4-5/8", Add	*42.62*	
26 05 36 00-0887	EA	18" Vertical Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	894.59	241.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-69.31*	
		For 6" Overall Height Instead Of 4-5/8", Add	*44.73*	
26 05 36 00-0888	EA	24" Vertical Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	953.43	252.67
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-74.29*	
		For 6" Overall Height Instead Of 4-5/8", Add	*47.67*	
26 05 36 00-0889	EA	30" Vertical Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,006.05	278.17
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-77.42*	
		For 6" Overall Height Instead Of 4-5/8", Add	*50.30*	
26 05 36 00-0890	EA	36" Vertical Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,074.06	308.76
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-81.67*	
		For 6" Overall Height Instead Of 4-5/8", Add	*53.70*	
26 05 36 00-0891		**24" Radius Vertical Tees** *(26 05 36 00-0786)*		
26 05 36 00-0892	EA	6" Vertical Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,157.55	222.65
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-97.20*	
		For 6" Overall Height Instead Of 4-5/8", Add	*57.88*	
26 05 36 00-0893	EA	9" Vertical Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,183.05	231.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-98.99*	
		For 6" Overall Height Instead Of 4-5/8", Add	*59.15*	
26 05 36 00-0894	EA	12" Vertical Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,209.88	241.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-100.84*	
		For 6" Overall Height Instead Of 4-5/8", Add	*60.49*	
26 05 36 00-0895	EA	18" Vertical Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,272.31	265.07
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-105.15*	
		For 6" Overall Height Instead Of 4-5/8", Add	*63.62*	
26 05 36 00-0896	EA	24" Vertical Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,314.56	278.17
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-108.28*	
		For 6" Overall Height Instead Of 4-5/8", Add	*65.73*	
26 05 36 00-0897	EA	30" Vertical Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,385.96	308.76
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-112.86*	
		For 6" Overall Height Instead Of 4-5/8", Add	*69.30*	
26 05 36 00-0898	EA	36" Vertical Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,528.79	347.71
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-123.90*	
		For 6" Overall Height Instead Of 4-5/8", Add	*76.44*	
26 05 36 00-0899		**36" Radius Vertical Tee** *(26 05 36 00-0786)*		
26 05 36 00-0900	EA	6" Vertical Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,899.29	241.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-169.78*	
		For 6" Overall Height Instead Of 4-5/8", Add	*94.96*	
26 05 36 00-0901	EA	9" Vertical Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,936.87	252.67
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-172.63*	
		For 6" Overall Height Instead Of 4-5/8", Add	*96.84*	
26 05 36 00-0902	EA	12" Vertical Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,976.84	265.07
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-175.60*	
		For 6" Overall Height Instead Of 4-5/8", Add	*98.84*	
26 05 36 00-0903	EA	18" Vertical Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	2,042.41	292.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-179.85*	
		For 6" Overall Height Instead Of 4-5/8", Add	*102.12*	
26 05 36 00-0904	EA	24" Vertical Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	2,088.70	308.76
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-183.14*	
		For 6" Overall Height Instead Of 4-5/8", Add	*104.44*	
26 05 36 00-0905	EA	30" Vertical Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	2,211.82	347.71
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-192.21*	
		For 6" Overall Height Instead Of 4-5/8", Add	*110.59*	
26 05 36 00-0906	EA	36" Vertical Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	2,313.28	396.97
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-198.25*	
		For 6" Overall Height Instead Of 4-5/8", Add	*115.66*	
26 05 36 00-0907		**12" Radius Horizontal Crosses** *(26 05 36 00-0786)*		
26 05 36 00-0908	EA	6" Horizontal Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	751.78	278.17
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-52.00*	
		For 6" Overall Height Instead Of 4-5/8", Add	*37.59*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0909	EA	9" Horizontal Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	806.49	292.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-56.26*	
		For 6" Overall Height Instead Of 4-5/8", Add	*40.32*	
26 05 36 00-0910	EA	12" Horizontal Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	836.74	308.76
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-57.94*	
		For 6" Overall Height Instead Of 4-5/8", Add	*41.84*	
26 05 36 00-0911	EA	18" Horizontal Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	935.56	327.43
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-66.27*	
		For 6" Overall Height Instead Of 4-5/8", Add	*46.78*	
26 05 36 00-0912	EA	24" Horizontal Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,021.26	370.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-71.24*	
		For 6" Overall Height Instead Of 4-5/8", Add	*51.06*	
26 05 36 00-0913	EA	30" Horizontal Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,136.19	396.97
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-80.54*	
		For 6" Overall Height Instead Of 4-5/8", Add	*56.81*	
26 05 36 00-0914	EA	36" Horizontal Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,306.98	428.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-95.01*	
		For 6" Overall Height Instead Of 4-5/8", Add	*65.35*	
26 05 36 00-0915		**24" Radius Horizontal Crosses** *(26 05 36 00-0786)*		
26 05 36 00-0916	EA	6" Horizontal Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,067.28	308.76
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-80.99*	
		For 6" Overall Height Instead Of 4-5/8", Add	*53.36*	
26 05 36 00-0917	EA	9" Horizontal Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,115.24	327.43
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-84.24*	
		For 6" Overall Height Instead Of 4-5/8", Add	*55.76*	
26 05 36 00-0918	EA	12" Horizontal Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,166.03	347.71
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-87.63*	
		For 6" Overall Height Instead Of 4-5/8", Add	*58.30*	
26 05 36 00-0919	EA	18" Horizontal Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,234.85	370.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-92.59*	
		For 6" Overall Height Instead Of 4-5/8", Add	*61.74*	
26 05 36 00-0920	EA	24" Horizontal Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,384.96	428.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-102.81*	
		For 6" Overall Height Instead Of 4-5/8", Add	*69.25*	
26 05 36 00-0921	EA	30" Horizontal Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,560.06	463.61
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-117.37*	
		For 6" Overall Height Instead Of 4-5/8", Add	*78.00*	
26 05 36 00-0922	EA	36" Horizontal Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,729.98	505.34
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-130.88*	
		For 6" Overall Height Instead Of 4-5/8", Add	*86.50*	
26 05 36 00-0923		**36" Radius Horizontal Crosses** *(26 05 36 00-0786)*		
26 05 36 00-0924	EA	6" Horizontal Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,230.45	347.71
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-94.07*	
		For 6" Overall Height Instead Of 4-5/8", Add	*61.52*	
26 05 36 00-0925	EA	9" Horizontal Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,360.62	370.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-105.17*	
		For 6" Overall Height Instead Of 4-5/8", Add	*68.03*	
26 05 36 00-0926	EA	12" Horizontal Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,448.92	396.97
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-111.81*	
		For 6" Overall Height Instead Of 4-5/8", Add	*72.45*	
26 05 36 00-0927	EA	18" Horizontal Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,479.89	428.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-112.30*	
		For 6" Overall Height Instead Of 4-5/8", Add	*73.99*	
26 05 36 00-0928	EA	24" Horizontal Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,791.60	505.34
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-137.04*	
		For 6" Overall Height Instead Of 4-5/8", Add	*89.58*	
26 05 36 00-0929	EA	30" Horizontal Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,976.73	555.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-151.39*	
		For 6" Overall Height Instead Of 4-5/8", Add	*98.84*	
26 05 36 00-0930	EA	36" Horizontal Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	2,200.81	618.69
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-168.52*	
		For 6" Overall Height Instead Of 4-5/8", Add	*110.04*	
26 05 36 00-0931		**12" Radius Vertical Cross** *(26 05 36 00-0786)*		
26 05 36 00-0932	EA	6" Vertical Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	751.78	278.17
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-52.00*	
		For 6" Overall Height Instead Of 4-5/8", Add	*37.59*	
26 05 36 00-0933	EA	9" Vertical Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	806.66	292.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-56.27*	
		For 6" Overall Height Instead Of 4-5/8", Add	*40.33*	
26 05 36 00-0934	EA	12" Vertical Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	836.65	308.76
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-57.94*	
		For 6" Overall Height Instead Of 4-5/8", Add	*41.83*	
26 05 36 00-0935	EA	18" Vertical Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	935.77	327.55
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-66.28*	
		For 6" Overall Height Instead Of 4-5/8", Add	*46.79*	
26 05 36 00-0936	EA	24" Vertical Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,021.26	370.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-71.24*	
		For 6" Overall Height Instead Of 4-5/8", Add	*51.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0937	EA	30" Vertical Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,136.49	397.09
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-80.56*	
		For 6" Overall Height Instead Of 4-5/8", Add	*56.82*	
26 05 36 00-0938	EA	36" Vertical Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,306.11	427.69
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-94.97*	
		For 6" Overall Height Instead Of 4-5/8", Add	*65.31*	
26 05 36 00-0939		**24" Radius Vertical Crosses** *(26 05 36 00-0786)*		
26 05 36 00-0940	EA	6" Vertical Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,067.28	308.76
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-80.99*	
		For 6" Overall Height Instead Of 4-5/8", Add	*53.36*	
26 05 36 00-0941	EA	9" Vertical Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,115.24	327.43
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-84.24*	
		For 6" Overall Height Instead Of 4-5/8", Add	*55.76*	
26 05 36 00-0942	EA	12" Vertical Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,166.03	347.71
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-87.63*	
		For 6" Overall Height Instead Of 4-5/8", Add	*58.30*	
26 05 36 00-0943	EA	18" Vertical Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,234.85	370.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-92.59*	
		For 6" Overall Height Instead Of 4-5/8", Add	*61.74*	
26 05 36 00-0944	EA	24" Vertical Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,384.96	428.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-102.81*	
		For 6" Overall Height Instead Of 4-5/8", Add	*69.25*	
26 05 36 00-0945	EA	30" Vertical Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,491.42	463.61
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-110.51*	
		For 6" Overall Height Instead Of 4-5/8", Add	*74.57*	
26 05 36 00-0946	EA	36" Vertical Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,652.60	505.34
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-123.14*	
		For 6" Overall Height Instead Of 4-5/8", Add	*82.63*	
26 05 36 00-0947		**36" Radius Vertical Crosses** *(26 05 36 00-0786)*		
26 05 36 00-0948	EA	6" Vertical Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,523.37	347.71
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-123.36*	
		For 6" Overall Height Instead Of 4-5/8", Add	*76.17*	
26 05 36 00-0949	EA	9" Vertical Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,600.99	370.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-129.21*	
		For 6" Overall Height Instead Of 4-5/8", Add	*80.05*	
26 05 36 00-0950	EA	12" Vertical Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,703.71	396.97
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-137.29*	
		For 6" Overall Height Instead Of 4-5/8", Add	*85.19*	
26 05 36 00-0951	EA	18" Vertical Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,824.68	428.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-146.78*	
		For 6" Overall Height Instead Of 4-5/8", Add	*91.23*	
26 05 36 00-0952	EA	24" Vertical Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	2,218.77	505.34
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-179.76*	
		For 6" Overall Height Instead Of 4-5/8", Add	*110.94*	
26 05 36 00-0953	EA	30" Vertical Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	2,449.67	555.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-198.68*	
		For 6" Overall Height Instead Of 4-5/8", Add	*122.48*	
26 05 36 00-0954	EA	36" Vertical Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	2,727.14	618.69
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-221.16*	
		For 6" Overall Height Instead Of 4-5/8", Add	*136.36*	
26 05 36 00-0955		**6" Rung Tray Fittings** *(26 05 36 00-0744)*		
26 05 36 00-0956		**90 Degree, 12" Radius Horizontal Elbows** *(26 05 36 00-0955)*		
26 05 36 00-0957	EA	6" Horizontal 90 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	317.30	116.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.05*	
		For 6" Overall Height Instead Of 4-5/8", Add	*15.87*	
26 05 36 00-0958	EA	9" Horizontal 90 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	347.42	132.37
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.71*	
		For 6" Overall Height Instead Of 4-5/8", Add	*17.37*	
26 05 36 00-0959	EA	12" Horizontal 90 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	394.11	146.39
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.22*	
		For 6" Overall Height Instead Of 4-5/8", Add	*19.71*	
26 05 36 00-0960	EA	18" Horizontal 90 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	468.02	179.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.85*	
		For 6" Overall Height Instead Of 4-5/8", Add	*23.40*	
26 05 36 00-0961	EA	24" Horizontal 90 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	552.98	205.96
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-38.13*	
		For 6" Overall Height Instead Of 4-5/8", Add	*27.65*	
26 05 36 00-0962	EA	30" Horizontal 90 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	608.53	231.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-41.54*	
		For 6" Overall Height Instead Of 4-5/8", Add	*30.43*	
26 05 36 00-0963	EA	36" Horizontal 90 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	710.70	264.95
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-48.99*	
		For 6" Overall Height Instead Of 4-5/8", Add	*35.54*	
26 05 36 00-0964		**90 Degree, 24" Radius Horizontal Elbows** *(26 05 36 00-0955)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0965	EA	6" Horizontal 90 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	420.57	120.89
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.98*	
		For 6" Overall Height Instead Of 4-5/8", Add	*21.03*	
26 05 36 00-0966	EA	9" Horizontal 90 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	460.08	138.97
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.43*	
		For 6" Overall Height Instead Of 4-5/8", Add	*23.00*	
26 05 36 00-0967	EA	12" Horizontal 90 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	496.97	154.50
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.82*	
		For 6" Overall Height Instead Of 4-5/8", Add	*24.85*	
26 05 36 00-0968	EA	18" Horizontal 90 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	579.57	191.93
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-41.97*	
		For 6" Overall Height Instead Of 4-5/8", Add	*28.98*	
26 05 36 00-0969	EA	24" Horizontal 90 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	655.79	222.65
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-47.03*	
		For 6" Overall Height Instead Of 4-5/8", Add	*32.79*	
26 05 36 00-0970	EA	30" Horizontal 90 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	732.54	252.67
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-52.20*	
		For 6" Overall Height Instead Of 4-5/8", Add	*36.63*	
26 05 36 00-0971	EA	36" Horizontal 90 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	838.31	292.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-59.44*	
		For 6" Overall Height Instead Of 4-5/8", Add	*41.92*	
26 05 36 00-0972		**90 Degree, 36" Radius Horizontal Elbows** *(26 05 36 00-0955)*		
26 05 36 00-0973	EA	6" Horizontal 90 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	451.55	126.33
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.63*	
		For 6" Overall Height Instead Of 4-5/8", Add	*22.58*	
26 05 36 00-0974	EA	9" Horizontal 90 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	490.93	146.27
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.91*	
		For 6" Overall Height Instead Of 4-5/8", Add	*24.55*	
26 05 36 00-0975	EA	12" Horizontal 90 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	548.23	163.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-41.18*	
		For 6" Overall Height Instead Of 4-5/8", Add	*27.41*	
26 05 36 00-0976	EA	18" Horizontal 90 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	653.13	205.96
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-48.15*	
		For 6" Overall Height Instead Of 4-5/8", Add	*32.66*	
26 05 36 00-0977	EA	24" Horizontal 90 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	753.50	241.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-55.20*	
		For 6" Overall Height Instead Of 4-5/8", Add	*37.68*	
26 05 36 00-0978	EA	30" Horizontal 90 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	848.53	278.17
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-61.67*	
		For 6" Overall Height Instead Of 4-5/8", Add	*42.43*	
26 05 36 00-0979	EA	36" Horizontal 90 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	985.91	326.85
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-71.36*	
		For 6" Overall Height Instead Of 4-5/8", Add	*49.30*	
26 05 36 00-0980		**45 Degree, 12" Radius Horizontal Elbows** *(26 05 36 00-0955)*		
26 05 36 00-0981	EA	6" Horizontal 45 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	221.75	84.26
		For 60 Degree Bend, Deduct	*-40.89*	
		For 30 Degree Bend, Deduct	*-72.83*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-15.16*	
		For 6" Overall Height Instead Of 4-5/8", Add	*11.09*	
26 05 36 00-0982	EA	9" Horizontal 45 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	252.87	101.06
		For 60 Degree Bend, Deduct	*-44.72*	
		For 30 Degree Bend, Deduct	*-80.15*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-16.87*	
		For 6" Overall Height Instead Of 4-5/8", Add	*12.64*	
26 05 36 00-0983	EA	12" Horizontal 45 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	280.80	115.91
		For 60 Degree Bend, Deduct	*-48.23*	
		For 30 Degree Bend, Deduct	*-86.83*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-18.42*	
		For 6" Overall Height Instead Of 4-5/8", Add	*14.04*	
26 05 36 00-0984	EA	18" Horizontal 45 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	347.38	146.50
		For 60 Degree Bend, Deduct	*-58.49*	
		For 30 Degree Bend, Deduct	*-105.62*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.53*	
		For 6" Overall Height Instead Of 4-5/8", Add	*17.37*	
26 05 36 00-0985	EA	24" Horizontal 45 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	427.34	179.41
		For 60 Degree Bend, Deduct	*-72.25*	
		For 30 Degree Bend, Deduct	*-130.38*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.78*	
		For 6" Overall Height Instead Of 4-5/8", Add	*21.37*	
26 05 36 00-0986	EA	30" Horizontal 45 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	490.39	205.96
		For 60 Degree Bend, Deduct	*-82.87*	
		For 30 Degree Bend, Deduct	*-149.56*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.87*	
		For 6" Overall Height Instead Of 4-5/8", Add	*24.52*	
26 05 36 00-0987	EA	36" Horizontal 45 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	556.34	241.78
		For 60 Degree Bend, Deduct	*-90.90*	
		For 30 Degree Bend, Deduct	*-164.94*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-35.48*	
		For 6" Overall Height Instead Of 4-5/8", Add	*27.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0988		**45 Degree, 24" Radius Horizontal Elbows** *(26 05 36 00-0955)*		
26 05 36 00-0989	EA	6" Horizontal 45 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	254.33	86.93
		For 60 Degree Bend, Deduct	*-50.62*	
		For 30 Degree Bend, Deduct	*-89.20*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-18.19*	
		For 6" Overall Height Instead Of 4-5/8", Add	*12.72*	
26 05 36 00-0990	EA	9" Horizontal 45 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	296.71	104.77
		For 60 Degree Bend, Deduct	*-57.74*	
		For 30 Degree Bend, Deduct	*-102.06*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-20.94*	
		For 6" Overall Height Instead Of 4-5/8", Add	*14.84*	
26 05 36 00-0991	EA	12" Horizontal 45 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	326.83	121.00
		For 60 Degree Bend, Deduct	*-61.47*	
		For 30 Degree Bend, Deduct	*-109.18*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.60*	
		For 6" Overall Height Instead Of 4-5/8", Add	*16.34*	
26 05 36 00-0992	EA	18" Horizontal 45 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	392.14	154.50
		For 60 Degree Bend, Deduct	*-70.17*	
		For 30 Degree Bend, Deduct	*-125.53*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.34*	
		For 6" Overall Height Instead Of 4-5/8", Add	*19.61*	
26 05 36 00-0993	EA	24" Horizontal 45 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	476.29	191.93
		For 60 Degree Bend, Deduct	*-83.62*	
		For 30 Degree Bend, Deduct	*-150.02*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.64*	
		For 6" Overall Height Instead Of 4-5/8", Add	*23.81*	
26 05 36 00-0994	EA	30" Horizontal 45 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	558.78	222.65
		For 60 Degree Bend, Deduct	*-99.07*	
		For 30 Degree Bend, Deduct	*-177.48*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.33*	
		For 6" Overall Height Instead Of 4-5/8", Add	*27.94*	
26 05 36 00-0995	EA	36" Horizontal 45 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	638.86	265.07
		For 60 Degree Bend, Deduct	*-109.23*	
		For 30 Degree Bend, Deduct	*-196.78*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-41.80*	
		For 6" Overall Height Instead Of 4-5/8", Add	*31.94*	
26 05 36 00-0996		**45 Degree, 36" Radius Horizontal Elbows** *(26 05 36 00-0955)*		
26 05 36 00-0997	EA	6" Horizontal 45 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	296.52	89.71
		For 60 Degree Bend, Deduct	*-63.48*	
		For 30 Degree Bend, Deduct	*-110.78*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.18*	
		For 6" Overall Height Instead Of 4-5/8", Add	*14.83*	
26 05 36 00-0998	EA	9" Horizontal 45 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	331.76	108.95
		For 60 Degree Bend, Deduct	*-67.72*	
		For 30 Degree Bend, Deduct	*-118.93*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.10*	
		For 6" Overall Height Instead Of 4-5/8", Add	*16.59*	
26 05 36 00-0999	EA	12" Horizontal 45 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	364.08	126.45
		For 60 Degree Bend, Deduct	*-71.68*	
		For 30 Degree Bend, Deduct	*-126.49*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.87*	
		For 6" Overall Height Instead Of 4-5/8", Add	*18.20*	
26 05 36 00-1000	EA	18" Horizontal 45 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	441.83	163.66
		For 60 Degree Bend, Deduct	*-83.05*	
		For 30 Degree Bend, Deduct	*-147.51*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.54*	
		For 6" Overall Height Instead Of 4-5/8", Add	*22.09*	
26 05 36 00-1001	EA	24" Horizontal 45 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	549.85	205.96
		For 60 Degree Bend, Deduct	*-102.49*	
		For 30 Degree Bend, Deduct	*-182.26*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.82*	
		For 6" Overall Height Instead Of 4-5/8", Add	*27.49*	
26 05 36 00-1002	EA	30" Horizontal 45 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	622.06	241.78
		For 60 Degree Bend, Deduct	*-112.59*	
		For 30 Degree Bend, Deduct	*-201.08*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-42.06*	
		For 6" Overall Height Instead Of 4-5/8", Add	*31.10*	
26 05 36 00-1003	EA	36" Horizontal 45 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	728.78	292.66
		For 60 Degree Bend, Deduct	*-128.30*	
		For 30 Degree Bend, Deduct	*-230.10*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-48.49*	
		For 6" Overall Height Instead Of 4-5/8", Add	*36.44*	
26 05 36 00-1004		**90 Degree, 12" Radius Vertical Risers** *(26 05 36 00-0955)*		
26 05 36 00-1005	EA	6" Vertical Riser 90 Degree, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	358.13	115.91
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.15*	
		For 6" Overall Height Instead Of 4-5/8", Add	*17.91*	
26 05 36 00-1006	EA	9" Vertical Riser 90 Degree, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	394.63	132.37
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.43*	
		For 6" Overall Height Instead Of 4-5/8", Add	*19.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1007	EA	12" Vertical Riser 90 Degree, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	420.84	146.39
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.89*	
		For 6" Overall Height Instead Of 4-5/8", Add	*21.04*	
26 05 36 00-1008	EA	18" Vertical Riser 90 Degree, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	481.97	179.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.25*	
		For 6" Overall Height Instead Of 4-5/8", Add	*24.10*	
26 05 36 00-1009	EA	24" Vertical Riser 90 Degree, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	535.25	205.96
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.36*	
		For 6" Overall Height Instead Of 4-5/8", Add	*26.76*	
26 05 36 00-1010	EA	30" Vertical Riser 90 Degree, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	587.28	231.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-39.41*	
		For 6" Overall Height Instead Of 4-5/8", Add	*29.36*	
26 05 36 00-1011	EA	36" Vertical Riser 90 Degree, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	647.97	264.61
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-42.75*	
		For 6" Overall Height Instead Of 4-5/8", Add	*32.40*	
26 05 36 00-1012		**90 Degree, 24" Radius Vertical Risers** *(26 05 36 00-0955)*		
26 05 36 00-1013	EA	6" Vertical Riser 90 Degree, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	379.95	120.89
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.92*	
		For 6" Overall Height Instead Of 4-5/8", Add	*19.00*	
26 05 36 00-1014	EA	9" Vertical Riser 90 Degree, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	417.75	139.08
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.18*	
		For 6" Overall Height Instead Of 4-5/8", Add	*20.89*	
26 05 36 00-1015	EA	12" Vertical Riser 90 Degree, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	448.01	154.50
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.92*	
		For 6" Overall Height Instead Of 4-5/8", Add	*22.40*	
26 05 36 00-1016	EA	18" Vertical Riser 90 Degree, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	520.76	191.93
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.09*	
		For 6" Overall Height Instead Of 4-5/8", Add	*26.04*	
26 05 36 00-1017	EA	24" Vertical Riser 90 Degree, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	583.94	222.65
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-39.84*	
		For 6" Overall Height Instead Of 4-5/8", Add	*29.20*	
26 05 36 00-1018	EA	30" Vertical Riser 90 Degree, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	646.09	252.67
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-43.55*	
		For 6" Overall Height Instead Of 4-5/8", Add	*32.30*	
26 05 36 00-1019	EA	36" Vertical Riser 90 Degree, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	727.74	292.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-48.38*	
		For 6" Overall Height Instead Of 4-5/8", Add	*36.39*	
26 05 36 00-1020		**90 Degree, 36" Radius Vertical Risers** *(26 05 36 00-0955)*		
26 05 36 00-1021	EA	6" Vertical Riser 90 Degree, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	486.49	126.33
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-38.12*	
		For 6" Overall Height Instead Of 4-5/8", Add	*24.32*	
26 05 36 00-1022	EA	9" Vertical Riser 90 Degree, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	525.81	146.39
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-40.39*	
		For 6" Overall Height Instead Of 4-5/8", Add	*26.29*	
26 05 36 00-1023	EA	12" Vertical Riser 90 Degree, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	572.75	163.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-43.63*	
		For 6" Overall Height Instead Of 4-5/8", Add	*28.64*	
26 05 36 00-1024	EA	18" Vertical Riser 90 Degree, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	655.21	205.96
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-48.36*	
		For 6" Overall Height Instead Of 4-5/8", Add	*32.76*	
26 05 36 00-1025	EA	24" Vertical Riser 90 Degree, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	726.90	241.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-52.54*	
		For 6" Overall Height Instead Of 4-5/8", Add	*36.35*	
26 05 36 00-1026	EA	30" Vertical Riser 90 Degree, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	811.50	278.17
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-57.97*	
		For 6" Overall Height Instead Of 4-5/8", Add	*40.58*	
26 05 36 00-1027	EA	36" Vertical Riser 90 Degree, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	907.55	326.85
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-63.52*	
		For 6" Overall Height Instead Of 4-5/8", Add	*45.38*	
26 05 36 00-1028		**12" Radius Horizontal Tees** *(26 05 36 00-0955)*		
26 05 36 00-1029	EA	6" Horizontal Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	561.91	222.65
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.64*	
		For 6" Overall Height Instead Of 4-5/8", Add	*28.10*	
26 05 36 00-1030	EA	9" Horizontal Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	606.42	241.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-40.49*	
		For 6" Overall Height Instead Of 4-5/8", Add	*30.32*	
26 05 36 00-1031	EA	12" Horizontal Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	627.70	252.67
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-41.71*	
		For 6" Overall Height Instead Of 4-5/8", Add	*31.39*	
26 05 36 00-1032	EA	18" Horizontal Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	710.84	278.17
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-47.90*	
		For 6" Overall Height Instead Of 4-5/8", Add	*35.54*	
26 05 36 00-1033	EA	24" Horizontal Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	786.93	308.76
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-52.96*	
		For 6" Overall Height Instead Of 4-5/8", Add	*39.35*	
26 05 36 00-1034	EA	30" Horizontal Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	861.76	327.43
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-58.89*	
		For 6" Overall Height Instead Of 4-5/8", Add	*43.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1035	EA	36" Horizontal Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	996.48	370.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-68.76*	
		For 6" Overall Height Instead Of 4-5/8", Add	*49.82*	
26 05 36 00-1036		**24" Radius Horizontal Tees** *(26 05 36 00-0955)*		
26 05 36 00-1037	EA	6" Horizontal Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	728.46	241.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-52.70*	
		For 6" Overall Height Instead Of 4-5/8", Add	*36.42*	
26 05 36 00-1038	EA	9" Horizontal Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	785.94	265.07
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-56.51*	
		For 6" Overall Height Instead Of 4-5/8", Add	*39.30*	
26 05 36 00-1039	EA	12" Horizontal Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	817.24	278.17
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-58.54*	
		For 6" Overall Height Instead Of 4-5/8", Add	*40.86*	
26 05 36 00-1040	EA	18" Horizontal Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	899.59	308.76
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-64.23*	
		For 6" Overall Height Instead Of 4-5/8", Add	*44.98*	
26 05 36 00-1041	EA	24" Horizontal Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	998.87	347.71
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-70.91*	
		For 6" Overall Height Instead Of 4-5/8", Add	*49.94*	
26 05 36 00-1042	EA	30" Horizontal Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,077.85	370.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-76.89*	
		For 6" Overall Height Instead Of 4-5/8", Add	*53.89*	
26 05 36 00-1043	EA	36" Horizontal Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,417.82	428.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-106.10*	
		For 6" Overall Height Instead Of 4-5/8", Add	*70.89*	
26 05 36 00-1044		**36" Radius Horizontal Tees** *(26 05 36 00-0955)*		
26 05 36 00-1045	EA	6" Horizontal Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	901.73	265.07
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-68.09*	
		For 6" Overall Height Instead Of 4-5/8", Add	*45.09*	
26 05 36 00-1046	EA	9" Horizontal Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	960.36	292.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-71.65*	
		For 6" Overall Height Instead Of 4-5/8", Add	*48.02*	
26 05 36 00-1047	EA	12" Horizontal Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,031.03	308.76
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-77.37*	
		For 6" Overall Height Instead Of 4-5/8", Add	*51.55*	
26 05 36 00-1048	EA	18" Horizontal Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,124.05	347.71
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-83.43*	
		For 6" Overall Height Instead Of 4-5/8", Add	*56.20*	
26 05 36 00-1049	EA	24" Horizontal Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,262.41	396.97
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-93.16*	
		For 6" Overall Height Instead Of 4-5/8", Add	*63.12*	
26 05 36 00-1050	EA	30" Horizontal Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,474.15	428.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-111.73*	
		For 6" Overall Height Instead Of 4-5/8", Add	*73.71*	
26 05 36 00-1051	EA	36" Horizontal Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,687.28	505.34
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-126.61*	
		For 6" Overall Height Instead Of 4-5/8", Add	*84.36*	
26 05 36 00-1052		**12" Radius Vertical Tees** *(26 05 36 00-0955)*		
26 05 36 00-1053	EA	6" Vertical Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	772.05	205.96
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-60.04*	
		For 6" Overall Height Instead Of 4-5/8", Add	*38.60*	
26 05 36 00-1054	EA	9" Vertical Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	798.09	214.07
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-61.97*	
		For 6" Overall Height Instead Of 4-5/8", Add	*39.90*	
26 05 36 00-1055	EA	12" Vertical Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	815.39	222.65
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-62.99*	
		For 6" Overall Height Instead Of 4-5/8", Add	*40.77*	
26 05 36 00-1056	EA	18" Vertical Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	856.77	241.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-65.53*	
		For 6" Overall Height Instead Of 4-5/8", Add	*42.84*	
26 05 36 00-1057	EA	24" Vertical Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	912.49	252.67
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-70.19*	
		For 6" Overall Height Instead Of 4-5/8", Add	*45.62*	
26 05 36 00-1058	EA	30" Vertical Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	964.32	278.17
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-73.25*	
		For 6" Overall Height Instead Of 4-5/8", Add	*48.22*	
26 05 36 00-1059	EA	36" Vertical Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,031.03	308.76
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-77.37*	
		For 6" Overall Height Instead Of 4-5/8", Add	*51.55*	
26 05 36 00-1060		**24" Radius Vertical Tees** *(26 05 36 00-0955)*		
26 05 36 00-1061	EA	6" Vertical Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,097.05	222.65
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-91.15*	
		For 6" Overall Height Instead Of 4-5/8", Add	*54.85*	
26 05 36 00-1062	EA	9" Vertical Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,121.76	231.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-92.86*	
		For 6" Overall Height Instead Of 4-5/8", Add	*56.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1063	EA	12" Vertical Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,147.81	241.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-94.63*	
		For 6" Overall Height Instead Of 4-5/8", Add	*57.39*	
26 05 36 00-1064	EA	18" Vertical Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,208.42	265.07
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-98.76*	
		For 6" Overall Height Instead Of 4-5/8", Add	*60.42*	
26 05 36 00-1065	EA	24" Vertical Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,249.11	278.17
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-101.73*	
		For 6" Overall Height Instead Of 4-5/8", Add	*62.46*	
26 05 36 00-1066	EA	30" Vertical Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,318.94	308.76
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-106.16*	
		For 6" Overall Height Instead Of 4-5/8", Add	*65.95*	
26 05 36 00-1067	EA	36" Vertical Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,455.77	347.71
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-116.60*	
		For 6" Overall Height Instead Of 4-5/8", Add	*72.79*	

26 05 36 00-1068 36" Radius Vertical Tees *(26 05 36 00-0955)*

26 05 36 00-1069	EA	6" Vertical Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,784.19	241.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-158.27*	
		For 6" Overall Height Instead Of 4-5/8", Add	*89.21*	
26 05 36 00-1070	EA	9" Vertical Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,820.28	252.67
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-160.97*	
		For 6" Overall Height Instead Of 4-5/8", Add	*91.01*	
26 05 36 00-1071	EA	12" Vertical Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,858.75	265.07
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-163.79*	
		For 6" Overall Height Instead Of 4-5/8", Add	*92.94*	
26 05 36 00-1072	EA	18" Vertical Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,922.82	292.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-167.89*	
		For 6" Overall Height Instead Of 4-5/8", Add	*96.14*	
26 05 36 00-1073	EA	24" Vertical Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,967.62	308.76
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-171.03*	
		For 6" Overall Height Instead Of 4-5/8", Add	*98.38*	
26 05 36 00-1074	EA	30" Vertical Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	2,086.26	347.71
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-179.65*	
		For 6" Overall Height Instead Of 4-5/8", Add	*104.31*	
26 05 36 00-1075	EA	36" Vertical Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	2,186.22	396.97
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-185.54*	
		For 6" Overall Height Instead Of 4-5/8", Add	*109.31*	

26 05 36 00-1076 12" Radius Horizontal Crosses *(26 05 36 00-0955)*

26 05 36 00-1077	EA	6" Horizontal Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	729.61	278.17
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-49.78*	
		For 6" Overall Height Instead Of 4-5/8", Add	*36.48*	
26 05 36 00-1078	EA	9" Horizontal Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	781.98	292.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-53.81*	
		For 6" Overall Height Instead Of 4-5/8", Add	*39.10*	
26 05 36 00-1079	EA	12" Horizontal Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	811.97	308.76
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-55.46*	
		For 6" Overall Height Instead Of 4-5/8", Add	*40.60*	
26 05 36 00-1080	EA	18" Horizontal Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	905.57	327.43
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-63.27*	
		For 6" Overall Height Instead Of 4-5/8", Add	*45.28*	
26 05 36 00-1081	EA	24" Horizontal Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	990.23	370.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-68.13*	
		For 6" Overall Height Instead Of 4-5/8", Add	*49.51*	
26 05 36 00-1082	EA	30" Horizontal Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,099.67	396.97
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-76.89*	
		For 6" Overall Height Instead Of 4-5/8", Add	*54.98*	
26 05 36 00-1083	EA	36" Horizontal Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,261.35	428.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-90.45*	
		For 6" Overall Height Instead Of 4-5/8", Add	*63.07*	

26 05 36 00-1084 24" Radius Horizontal Crosses *(26 05 36 00-0955)*

26 05 36 00-1085	EA	6" Horizontal Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,024.77	308.76
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-76.74*	
		For 6" Overall Height Instead Of 4-5/8", Add	*51.24*	
26 05 36 00-1086	EA	9" Horizontal Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,071.43	327.43
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-79.86*	
		For 6" Overall Height Instead Of 4-5/8", Add	*53.57*	
26 05 36 00-1087	EA	12" Horizontal Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,120.92	347.71
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-83.12*	
		For 6" Overall Height Instead Of 4-5/8", Add	*56.05*	
26 05 36 00-1088	EA	18" Horizontal Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,187.38	370.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-87.85*	
		For 6" Overall Height Instead Of 4-5/8", Add	*59.37*	
26 05 36 00-1089	EA	24" Horizontal Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,333.32	428.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-97.65*	
		For 6" Overall Height Instead Of 4-5/8", Add	*66.67*	
26 05 36 00-1090	EA	30" Horizontal Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,436.14	463.61
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-104.98*	
		For 6" Overall Height Instead Of 4-5/8", Add	*71.81*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1091	EA	36" Horizontal Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,590.27	505.34
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-116.91*	
		For 6" Overall Height Instead Of 4-5/8", Add	*79.51*	

26 05 36 00-1092 36" Radius Horizontal Crosses *(26 05 36 00-0955)*

26 05 36 00-1093	EA	6" Horizontal Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,180.38	347.71
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-89.06*	
		For 6" Overall Height Instead Of 4-5/8", Add	*59.02*	
26 05 36 00-1094	EA	9" Horizontal Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,243.71	370.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-93.48*	
		For 6" Overall Height Instead Of 4-5/8", Add	*62.19*	
26 05 36 00-1095	EA	12" Horizontal Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,325.00	396.97
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-99.42*	
		For 6" Overall Height Instead Of 4-5/8", Add	*66.25*	
26 05 36 00-1096	EA	18" Horizontal Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,420.95	428.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-106.41*	
		For 6" Overall Height Instead Of 4-5/8", Add	*71.05*	
26 05 36 00-1097	EA	24" Horizontal Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,718.58	505.34
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-129.74*	
		For 6" Overall Height Instead Of 4-5/8", Add	*85.93*	
26 05 36 00-1098	EA	30" Horizontal Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,895.88	555.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-143.30*	
		For 6" Overall Height Instead Of 4-5/8", Add	*94.79*	
26 05 36 00-1099	EA	36" Horizontal Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	2,110.83	618.69
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-159.52*	
		For 6" Overall Height Instead Of 4-5/8", Add	*105.54*	

26 05 36 00-1100 12" Radius Vertical Crosses *(26 05 36 00-0955)*

26 05 36 00-1101	EA	6" Vertical Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	729.61	278.17
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-49.78*	
		For 6" Overall Height Instead Of 4-5/8", Add	*36.48*	
26 05 36 00-1102	EA	9" Vertical Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	782.15	292.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-53.82*	
		For 6" Overall Height Instead Of 4-5/8", Add	*39.11*	
26 05 36 00-1103	EA	12" Vertical Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	811.88	308.76
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-55.46*	
		For 6" Overall Height Instead Of 4-5/8", Add	*40.59*	
26 05 36 00-1104	EA	18" Vertical Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	905.78	327.55
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-63.28*	
		For 6" Overall Height Instead Of 4-5/8", Add	*45.29*	
26 05 36 00-1105	EA	24" Vertical Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	990.23	370.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-68.13*	
		For 6" Overall Height Instead Of 4-5/8", Add	*49.51*	
26 05 36 00-1106	EA	30" Vertical Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,099.97	397.09
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-76.90*	
		For 6" Overall Height Instead Of 4-5/8", Add	*55.00*	
26 05 36 00-1107	EA	36" Vertical Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,260.48	427.69
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-90.41*	
		For 6" Overall Height Instead Of 4-5/8", Add	*63.02*	

26 05 36 00-1108 24" Radius Vertical Crosses *(26 05 36 00-0955)*

26 05 36 00-1109	EA	6" Vertical Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,024.77	308.76
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-76.74*	
		For 6" Overall Height Instead Of 4-5/8", Add	*51.24*	
26 05 36 00-1110	EA	9" Vertical Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,071.43	327.43
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-79.86*	
		For 6" Overall Height Instead Of 4-5/8", Add	*53.57*	
26 05 36 00-1111	EA	12" Vertical Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,120.92	347.71
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-83.12*	
		For 6" Overall Height Instead Of 4-5/8", Add	*56.05*	
26 05 36 00-1112	EA	18" Vertical Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,187.38	370.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-87.85*	
		For 6" Overall Height Instead Of 4-5/8", Add	*59.37*	
26 05 36 00-1113	EA	24" Vertical Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,333.32	428.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-97.65*	
		For 6" Overall Height Instead Of 4-5/8", Add	*66.67*	
26 05 36 00-1114	EA	30" Vertical Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,436.14	463.61
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-104.98*	
		For 6" Overall Height Instead Of 4-5/8", Add	*71.81*	
26 05 36 00-1115	EA	36" Vertical Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,590.27	505.34
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-116.91*	
		For 6" Overall Height Instead Of 4-5/8", Add	*79.51*	

26 05 36 00-1116 36" Radius Vertical Crosses *(26 05 36 00-0955)*

26 05 36 00-1117	EA	6" Vertical Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,450.76	347.71
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-116.10*	
		For 6" Overall Height Instead Of 4-5/8", Add	*72.54*	
26 05 36 00-1118	EA	9" Vertical Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,525.36	370.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-121.65*	
		For 6" Overall Height Instead Of 4-5/8", Add	*76.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1119	EA	12" Vertical Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,623.55	396.97
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-129.28*	
		For 6" Overall Height Instead Of 4-5/8", Add	*81.18*	
26 05 36 00-1120	EA	18" Vertical Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,739.21	428.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-138.24*	
		For 6" Overall Height Instead Of 4-5/8", Add	*86.96*	
26 05 36 00-1121	EA	24" Vertical Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	2,112.89	505.34
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-169.17*	
		For 6" Overall Height Instead Of 4-5/8", Add	*105.64*	
26 05 36 00-1122	EA	30" Vertical Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	2,332.44	555.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-186.96*	
		For 6" Overall Height Instead Of 4-5/8", Add	*116.62*	
26 05 36 00-1123	EA	36" Vertical Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	2,596.68	618.69
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-208.11*	
		For 6" Overall Height Instead Of 4-5/8", Add	*129.83*	

26 05 36 00-1124 9" Rung Tray Fittings *(26 05 36 00-0744)*

26 05 36 00-1125 90 Degree, 12" Radius Horizontal Elbows *(26 05 36 00-1124)*

26 05 36 00-1126	EA	6" Horizontal 90 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	296.70	116.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-19.99*	
		For 6" Overall Height Instead Of 4-5/8", Add	*14.84*	
26 05 36 00-1127	EA	9" Horizontal 90 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	326.30	132.37
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.60*	
		For 6" Overall Height Instead Of 4-5/8", Add	*16.32*	
26 05 36 00-1128	EA	12" Horizontal 90 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	369.08	146.39
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.71*	
		For 6" Overall Height Instead Of 4-5/8", Add	*18.45*	
26 05 36 00-1129	EA	18" Horizontal 90 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	439.86	179.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.03*	
		For 6" Overall Height Instead Of 4-5/8", Add	*21.99*	
26 05 36 00-1130	EA	24" Horizontal 90 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	518.04	205.96
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.64*	
		For 6" Overall Height Instead Of 4-5/8", Add	*25.90*	
26 05 36 00-1131	EA	30" Horizontal 90 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	571.50	231.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.83*	
		For 6" Overall Height Instead Of 4-5/8", Add	*28.58*	
26 05 36 00-1132	EA	36" Horizontal 90 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	665.85	264.95
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-44.51*	
		For 6" Overall Height Instead Of 4-5/8", Add	*33.29*	

26 05 36 00-1133 90 Degree, 24" Radius Horizontal Elbows *(26 05 36 00-1124)*

26 05 36 00-1134	EA	6" Horizontal 90 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	384.06	120.89
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.33*	
		For 6" Overall Height Instead Of 4-5/8", Add	*19.20*	
26 05 36 00-1135	EA	9" Horizontal 90 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	422.01	138.97
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.62*	
		For 6" Overall Height Instead Of 4-5/8", Add	*21.10*	
26 05 36 00-1136	EA	12" Horizontal 90 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	457.07	154.50
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.83*	
		For 6" Overall Height Instead Of 4-5/8", Add	*22.85*	
26 05 36 00-1137	EA	18" Horizontal 90 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	536.27	191.93
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.64*	
		For 6" Overall Height Instead Of 4-5/8", Add	*26.81*	
26 05 36 00-1138	EA	24" Horizontal 90 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	608.33	222.65
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-42.28*	
		For 6" Overall Height Instead Of 4-5/8", Add	*30.42*	
26 05 36 00-1139	EA	30" Horizontal 90 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	680.64	252.67
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-47.01*	
		For 6" Overall Height Instead Of 4-5/8", Add	*34.03*	
26 05 36 00-1140	EA	36" Horizontal 90 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	779.89	292.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-53.60*	
		For 6" Overall Height Instead Of 4-5/8", Add	*38.99*	

26 05 36 00-1141 90 Degree, 36" Radius Horizontal Elbows *(26 05 36 00-1124)*

26 05 36 00-1142	EA	6" Horizontal 90 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	411.39	126.33
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.61*	
		For 6" Overall Height Instead Of 4-5/8", Add	*20.57*	
26 05 36 00-1143	EA	9" Horizontal 90 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	449.72	146.27
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.79*	
		For 6" Overall Height Instead Of 4-5/8", Add	*22.49*	
26 05 36 00-1144	EA	12" Horizontal 90 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	502.33	163.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.59*	
		For 6" Overall Height Instead Of 4-5/8", Add	*25.12*	
26 05 36 00-1145	EA	18" Horizontal 90 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	601.49	205.96
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-42.98*	
		For 6" Overall Height Instead Of 4-5/8", Add	*30.07*	
26 05 36 00-1146	EA	24" Horizontal 90 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	695.08	241.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-49.36*	
		For 6" Overall Height Instead Of 4-5/8", Add	*34.75*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1147	EA	30" Horizontal 90 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	784.38	278.17
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-55.26*	
		For 6" Overall Height Instead Of 4-5/8", Add	*39.22*	
26 05 36 00-1148	EA	36" Horizontal 90 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	912.37	326.85
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-64.00*	
		For 6" Overall Height Instead Of 4-5/8", Add	*45.62*	
26 05 36 00-1149		**45 Degree, 12" Radius Horizontal Elbows** *(26 05 36 00-1124)*		
26 05 36 00-1150	EA	6" Horizontal 45 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	208.18	84.26
		For 60 Degree Bend, Deduct	*-36.41*	
		For 30 Degree Bend, Deduct	*-65.37*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-13.80*	
		For 6" Overall Height Instead Of 4-5/8", Add	*10.41*	
26 05 36 00-1151	EA	9" Horizontal 45 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	238.78	101.06
		For 60 Degree Bend, Deduct	*-40.07*	
		For 30 Degree Bend, Deduct	*-72.40*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-15.46*	
		For 6" Overall Height Instead Of 4-5/8", Add	*11.94*	
26 05 36 00-1152	EA	12" Horizontal 45 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	266.20	115.91
		For 60 Degree Bend, Deduct	*-43.41*	
		For 30 Degree Bend, Deduct	*-78.80*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-16.96*	
		For 6" Overall Height Instead Of 4-5/8", Add	*13.31*	
26 05 36 00-1153	EA	18" Horizontal 45 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	330.17	146.50
		For 60 Degree Bend, Deduct	*-52.81*	
		For 30 Degree Bend, Deduct	*-96.16*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-20.81*	
		For 6" Overall Height Instead Of 4-5/8", Add	*16.51*	
26 05 36 00-1154	EA	24" Horizontal 45 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	405.95	179.41
		For 60 Degree Bend, Deduct	*-65.19*	
		For 30 Degree Bend, Deduct	*-118.61*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.64*	
		For 6" Overall Height Instead Of 4-5/8", Add	*20.30*	
26 05 36 00-1155	EA	30" Horizontal 45 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	465.88	205.96
		For 60 Degree Bend, Deduct	*-74.78*	
		For 30 Degree Bend, Deduct	*-136.08*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.42*	
		For 6" Overall Height Instead Of 4-5/8", Add	*23.29*	
26 05 36 00-1156	EA	36" Horizontal 45 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	530.79	241.78
		For 60 Degree Bend, Deduct	*-82.47*	
		For 30 Degree Bend, Deduct	*-150.88*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.93*	
		For 6" Overall Height Instead Of 4-5/8", Add	*26.54*	
26 05 36 00-1157		**45 Degree, 24" Radius Horizontal Elbows** *(26 05 36 00-1124)*		
26 05 36 00-1158	EA	6" Horizontal 45 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	236.08	86.93
		For 60 Degree Bend, Deduct	*-44.60*	
		For 30 Degree Bend, Deduct	*-79.16*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-16.37*	
		For 6" Overall Height Instead Of 4-5/8", Add	*11.80*	
26 05 36 00-1159	EA	9" Horizontal 45 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	276.37	104.77
		For 60 Degree Bend, Deduct	*-51.03*	
		For 30 Degree Bend, Deduct	*-90.87*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-18.90*	
		For 6" Overall Height Instead Of 4-5/8", Add	*13.82*	
26 05 36 00-1160	EA	12" Horizontal 45 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	305.97	121.00
		For 60 Degree Bend, Deduct	*-54.59*	
		For 30 Degree Bend, Deduct	*-97.71*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-20.51*	
		For 6" Overall Height Instead Of 4-5/8", Add	*15.30*	
26 05 36 00-1161	EA	18" Horizontal 45 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	369.71	154.50
		For 60 Degree Bend, Deduct	*-62.76*	
		For 30 Degree Bend, Deduct	*-113.19*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.09*	
		For 6" Overall Height Instead Of 4-5/8", Add	*18.49*	
26 05 36 00-1162	EA	24" Horizontal 45 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	450.21	191.93
		For 60 Degree Bend, Deduct	*-75.01*	
		For 30 Degree Bend, Deduct	*-135.68*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.03*	
		For 6" Overall Height Instead Of 4-5/8", Add	*22.51*	
26 05 36 00-1163	EA	30" Horizontal 45 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	527.48	222.65
		For 60 Degree Bend, Deduct	*-88.74*	
		For 30 Degree Bend, Deduct	*-160.26*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.20*	
		For 6" Overall Height Instead Of 4-5/8", Add	*26.37*	
26 05 36 00-1164	EA	36" Horizontal 45 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	606.00	265.07
		For 60 Degree Bend, Deduct	*-98.39*	
		For 30 Degree Bend, Deduct	*-178.71*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-38.52*	
		For 6" Overall Height Instead Of 4-5/8", Add	*30.30*	
26 05 36 00-1165		**45 Degree, 36" Radius Horizontal Elbows** *(26 05 36 00-1124)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1166	EA	6" Horizontal 45 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	272.01	89.71
		For 60 Degree Bend, Deduct	*-55.39*	
		For 30 Degree Bend, Deduct	*-97.30*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-19.73*	
		For 6" Overall Height Instead Of 4-5/8", Add	*13.60*	
26 05 36 00-1167	EA	9" Horizontal 45 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	306.73	108.95
		For 60 Degree Bend, Deduct	*-59.46*	
		For 30 Degree Bend, Deduct	*-105.16*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.60*	
		For 6" Overall Height Instead Of 4-5/8", Add	*15.34*	
26 05 36 00-1168	EA	12" Horizontal 45 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	338.53	126.45
		For 60 Degree Bend, Deduct	*-63.24*	
		For 30 Degree Bend, Deduct	*-112.43*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.32*	
		For 6" Overall Height Instead Of 4-5/8", Add	*16.93*	
26 05 36 00-1169	EA	18" Horizontal 45 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	413.67	163.66
		For 60 Degree Bend, Deduct	*-73.76*	
		For 30 Degree Bend, Deduct	*-132.02*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.73*	
		For 6" Overall Height Instead Of 4-5/8", Add	*20.68*	
26 05 36 00-1170	EA	24" Horizontal 45 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	515.43	205.96
		For 60 Degree Bend, Deduct	*-91.13*	
		For 30 Degree Bend, Deduct	*-163.33*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.38*	
		For 6" Overall Height Instead Of 4-5/8", Add	*25.77*	
26 05 36 00-1171	EA	30" Horizontal 45 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	585.55	241.78
		For 60 Degree Bend, Deduct	*-100.54*	
		For 30 Degree Bend, Deduct	*-181.00*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-38.41*	
		For 6" Overall Height Instead Of 4-5/8", Add	*29.28*	
26 05 36 00-1172	EA	36" Horizontal 45 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	688.62	292.66
		For 60 Degree Bend, Deduct	*-115.05*	
		For 30 Degree Bend, Deduct	*-208.01*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-44.47*	
		For 6" Overall Height Instead Of 4-5/8", Add	*34.43*	

26 05 36 00-1173 90 Degree, 12" Radius Vertical Risers *(26 05 36 00-1124)*

26 05 36 00-1174	EA	6" Vertical Riser 90 Degree, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	336.61	115.91
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.00*	
		For 6" Overall Height Instead Of 4-5/8", Add	*16.83*	
26 05 36 00-1175	EA	9" Vertical Riser 90 Degree, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	371.94	132.37
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.16*	
		For 6" Overall Height Instead Of 4-5/8", Add	*18.60*	
26 05 36 00-1176	EA	12" Vertical Riser 90 Degree, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	397.77	146.39
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.58*	
		For 6" Overall Height Instead Of 4-5/8", Add	*19.89*	
26 05 36 00-1177	EA	18" Vertical Riser 90 Degree, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	458.11	179.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-30.86*	
		For 6" Overall Height Instead Of 4-5/8", Add	*22.91*	
26 05 36 00-1178	EA	24" Vertical Riser 90 Degree, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	510.21	205.96
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.86*	
		For 6" Overall Height Instead Of 4-5/8", Add	*25.51*	
26 05 36 00-1179	EA	30" Vertical Riser 90 Degree, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	561.07	231.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.79*	
		For 6" Overall Height Instead Of 4-5/8", Add	*28.05*	
26 05 36 00-1180	EA	36" Vertical Riser 90 Degree, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	620.97	264.61
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-40.05*	
		For 6" Overall Height Instead Of 4-5/8", Add	*31.05*	

26 05 36 00-1181 90 Degree, 24" Radius Vertical Risers *(26 05 36 00-1124)*

26 05 36 00-1182	EA	6" Vertical Riser 90 Degree, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	356.68	120.89
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-25.59*	
		For 6" Overall Height Instead Of 4-5/8", Add	*17.83*	
26 05 36 00-1183	EA	9" Vertical Riser 90 Degree, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	393.50	139.08
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.76*	
		For 6" Overall Height Instead Of 4-5/8", Add	*19.68*	
26 05 36 00-1184	EA	12" Vertical Riser 90 Degree, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	423.17	154.50
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.44*	
		For 6" Overall Height Instead Of 4-5/8", Add	*21.16*	
26 05 36 00-1185	EA	18" Vertical Riser 90 Degree, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	494.55	191.93
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.46*	
		For 6" Overall Height Instead Of 4-5/8", Add	*24.73*	
26 05 36 00-1186	EA	24" Vertical Riser 90 Degree, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	556.17	222.65
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.07*	
		For 6" Overall Height Instead Of 4-5/8", Add	*27.81*	
26 05 36 00-1187	EA	30" Vertical Riser 90 Degree, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	616.75	252.67
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-40.62*	
		For 6" Overall Height Instead Of 4-5/8", Add	*30.84*	
26 05 36 00-1188	EA	36" Vertical Riser 90 Degree, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	696.44	292.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-45.25*	
		For 6" Overall Height Instead Of 4-5/8", Add	*34.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1189		**90 Degree, 36" Radius Vertical Risers** *(26 05 36 00-1124)*		
26 05 36 00-1190	EA	6" Vertical Riser 90 Degree, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	450.51	126.33
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.52*	
		For 6" Overall Height Instead Of 4-5/8", Add	*22.53*	
26 05 36 00-1191	EA	9" Vertical Riser 90 Degree, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	489.04	146.39
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.71*	
		For 6" Overall Height Instead Of 4-5/8", Add	*24.45*	
26 05 36 00-1192	EA	12" Vertical Riser 90 Degree, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	533.63	163.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-39.72*	
		For 6" Overall Height Instead Of 4-5/8", Add	*26.68*	
26 05 36 00-1193	EA	18" Vertical Riser 90 Degree, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	614.53	205.96
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-44.29*	
		For 6" Overall Height Instead Of 4-5/8", Add	*30.73*	
26 05 36 00-1194	EA	24" Vertical Riser 90 Degree, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	684.65	241.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-48.32*	
		For 6" Overall Height Instead Of 4-5/8", Add	*34.23*	
26 05 36 00-1195	EA	30" Vertical Riser 90 Degree, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	766.12	278.17
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-53.43*	
		For 6" Overall Height Instead Of 4-5/8", Add	*38.31*	
26 05 36 00-1196	EA	36" Vertical Riser 90 Degree, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	860.21	326.85
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-58.79*	
		For 6" Overall Height Instead Of 4-5/8", Add	*43.01*	
26 05 36 00-1197		**12" Radius Horizontal Tees** *(26 05 36 00-1124)*		
26 05 36 00-1198	EA	6" Horizontal Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	530.09	222.65
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.46*	
		For 6" Overall Height Instead Of 4-5/8", Add	*26.50*	
26 05 36 00-1199	EA	9" Horizontal Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	572.51	241.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.10*	
		For 6" Overall Height Instead Of 4-5/8", Add	*28.63*	
26 05 36 00-1200	EA	12" Horizontal Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	593.28	252.67
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-38.27*	
		For 6" Overall Height Instead Of 4-5/8", Add	*29.66*	
26 05 36 00-1201	EA	18" Horizontal Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	669.63	278.17
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-43.78*	
		For 6" Overall Height Instead Of 4-5/8", Add	*33.48*	
26 05 36 00-1202	EA	24" Horizontal Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	741.56	308.76
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-48.42*	
		For 6" Overall Height Instead Of 4-5/8", Add	*37.08*	
26 05 36 00-1203	EA	30" Horizontal Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	809.08	327.43
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-53.62*	
		For 6" Overall Height Instead Of 4-5/8", Add	*40.45*	
26 05 36 00-1204	EA	36" Horizontal Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	933.37	370.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-62.45*	
		For 6" Overall Height Instead Of 4-5/8", Add	*46.67*	
26 05 36 00-1205		**24" Radius Horizontal Tees** *(26 05 36 00-1124)*		
26 05 36 00-1206	EA	6" Horizontal Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	674.22	241.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-47.27*	
		For 6" Overall Height Instead Of 4-5/8", Add	*33.71*	
26 05 36 00-1207	EA	9" Horizontal Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	728.57	265.07
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-50.77*	
		For 6" Overall Height Instead Of 4-5/8", Add	*36.43*	
26 05 36 00-1208	EA	12" Horizontal Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	758.30	278.17
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-52.65*	
		For 6" Overall Height Instead Of 4-5/8", Add	*37.92*	
26 05 36 00-1209	EA	18" Horizontal Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	835.44	308.76
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-57.81*	
		For 6" Overall Height Instead Of 4-5/8", Add	*41.77*	
26 05 36 00-1210	EA	24" Horizontal Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	928.98	347.71
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-63.92*	
		For 6" Overall Height Instead Of 4-5/8", Add	*46.45*	
26 05 36 00-1211	EA	30" Horizontal Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,001.18	370.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-69.23*	
		For 6" Overall Height Instead Of 4-5/8", Add	*50.06*	
26 05 36 00-1212	EA	36" Horizontal Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,300.46	428.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-94.36*	
		For 6" Overall Height Instead Of 4-5/8", Add	*65.02*	
26 05 36 00-1213		**36" Radius Horizontal Tees** *(26 05 36 00-1124)*		
26 05 36 00-1214	EA	6" Horizontal Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	825.06	265.07
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-60.42*	
		For 6" Overall Height Instead Of 4-5/8", Add	*41.25*	
26 05 36 00-1215	EA	9" Horizontal Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	881.60	292.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-63.77*	
		For 6" Overall Height Instead Of 4-5/8", Add	*44.08*	
26 05 36 00-1216	EA	12" Horizontal Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	944.97	308.76
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-68.76*	
		For 6" Overall Height Instead Of 4-5/8", Add	*47.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1217	EA	18" Horizontal Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,033.29	347.71
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-74.35*	
		For 6" Overall Height Instead Of 4-5/8", Add	*51.66*	
26 05 36 00-1218	EA	24" Horizontal Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,162.26	396.97
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-83.15*	
		For 6" Overall Height Instead Of 4-5/8", Add	*58.11*	
26 05 36 00-1219	EA	30" Horizontal Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,347.41	428.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-99.06*	
		For 6" Overall Height Instead Of 4-5/8", Add	*67.37*	
26 05 36 00-1220	EA	36" Horizontal Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,546.46	505.34
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-112.53*	
		For 6" Overall Height Instead Of 4-5/8", Add	*77.32*	

26 05 36 00-1221 12" Radius Vertical Tees *(26 05 36 00-1124)*

26 05 36 00-1222	EA	6" Vertical Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	700.59	205.96
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-52.89*	
		For 6" Overall Height Instead Of 4-5/8", Add	*35.03*	
26 05 36 00-1223	EA	9" Vertical Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	724.55	214.07
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-54.61*	
		For 6" Overall Height Instead Of 4-5/8", Add	*36.23*	
26 05 36 00-1224	EA	12" Vertical Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	741.33	222.65
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-55.58*	
		For 6" Overall Height Instead Of 4-5/8", Add	*37.07*	
26 05 36 00-1225	EA	18" Vertical Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	781.14	241.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-57.96*	
		For 6" Overall Height Instead Of 4-5/8", Add	*39.06*	
26 05 36 00-1226	EA	24" Vertical Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	830.60	252.67
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-62.00*	
		For 6" Overall Height Instead Of 4-5/8", Add	*41.53*	
26 05 36 00-1227	EA	30" Vertical Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	880.87	278.17
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-64.91*	
		For 6" Overall Height Instead Of 4-5/8", Add	*44.04*	
26 05 36 00-1228	EA	36" Vertical Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	944.97	308.76
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-68.76*	
		For 6" Overall Height Instead Of 4-5/8", Add	*47.25*	

26 05 36 00-1229 24" Radius Vertical Tees *(26 05 36 00-1124)*

26 05 36 00-1230	EA	6" Vertical Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	976.04	222.65
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-79.05*	
		For 6" Overall Height Instead Of 4-5/8", Add	*48.80*	
26 05 36 00-1231	EA	9" Vertical Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	999.19	231.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-80.60*	
		For 6" Overall Height Instead Of 4-5/8", Add	*49.96*	
26 05 36 00-1232	EA	12" Vertical Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,023.68	241.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-82.22*	
		For 6" Overall Height Instead Of 4-5/8", Add	*51.18*	
26 05 36 00-1233	EA	18" Vertical Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,080.63	265.07
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-85.98*	
		For 6" Overall Height Instead Of 4-5/8", Add	*54.03*	
26 05 36 00-1234	EA	24" Vertical Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,118.19	278.17
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-88.64*	
		For 6" Overall Height Instead Of 4-5/8", Add	*55.91*	
26 05 36 00-1235	EA	30" Vertical Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,184.90	308.76
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-92.76*	
		For 6" Overall Height Instead Of 4-5/8", Add	*59.25*	
26 05 36 00-1236	EA	36" Vertical Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,309.73	347.71
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-102.00*	
		For 6" Overall Height Instead Of 4-5/8", Add	*65.49*	

26 05 36 00-1237 36" Radius Vertical Tees *(26 05 36 00-1124)*

26 05 36 00-1238	EA	6" Vertical Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,553.99	241.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-135.25*	
		For 6" Overall Height Instead Of 4-5/8", Add	*77.70*	
26 05 36 00-1239	EA	9" Vertical Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,587.09	252.67
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-137.65*	
		For 6" Overall Height Instead Of 4-5/8", Add	*79.35*	
26 05 36 00-1240	EA	12" Vertical Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,622.58	265.07
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-140.17*	
		For 6" Overall Height Instead Of 4-5/8", Add	*81.13*	
26 05 36 00-1241	EA	18" Vertical Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,683.66	292.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-143.98*	
		For 6" Overall Height Instead Of 4-5/8", Add	*84.18*	
26 05 36 00-1242	EA	24" Vertical Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,725.46	308.76
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-146.81*	
		For 6" Overall Height Instead Of 4-5/8", Add	*86.27*	
26 05 36 00-1243	EA	30" Vertical Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,835.14	347.71
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-154.54*	
		For 6" Overall Height Instead Of 4-5/8", Add	*91.76*	
26 05 36 00-1244	EA	36" Vertical Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,932.11	396.97
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-160.13*	
		For 6" Overall Height Instead Of 4-5/8", Add	*96.61*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1245		**12" Radius Horizontal Crosses** *(26 05 36 00-1124)*		
26 05 36 00-1246	EA	6" Horizontal Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	685.28	278.17
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-45.35*	
		For 6" Overall Height Instead Of 4-5/8", Add	*34.26*	
26 05 36 00-1247	EA	9" Horizontal Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	732.95	292.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-48.90*	
		For 6" Overall Height Instead Of 4-5/8", Add	*36.65*	
26 05 36 00-1248	EA	12" Horizontal Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	762.42	308.76
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-50.51*	
		For 6" Overall Height Instead Of 4-5/8", Add	*38.12*	
26 05 36 00-1249	EA	18" Horizontal Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	845.59	327.43
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-57.28*	
		For 6" Overall Height Instead Of 4-5/8", Add	*42.28*	
26 05 36 00-1250	EA	24" Horizontal Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	928.16	370.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-61.93*	
		For 6" Overall Height Instead Of 4-5/8", Add	*46.41*	
26 05 36 00-1251	EA	30" Horizontal Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,026.65	396.97
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-69.59*	
		For 6" Overall Height Instead Of 4-5/8", Add	*51.33*	
26 05 36 00-1252	EA	36" Horizontal Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,170.07	428.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-81.32*	
		For 6" Overall Height Instead Of 4-5/8", Add	*58.50*	
26 05 36 00-1253		**24" Radius Horizontal Crosses** *(26 05 36 00-1124)*		
26 05 36 00-1254	EA	6" Horizontal Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	939.76	308.76
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-68.24*	
		For 6" Overall Height Instead Of 4-5/8", Add	*46.99*	
26 05 36 00-1255	EA	9" Horizontal Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	983.80	327.43
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-71.10*	
		For 6" Overall Height Instead Of 4-5/8", Add	*49.19*	
26 05 36 00-1256	EA	12" Horizontal Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,030.68	347.71
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-74.09*	
		For 6" Overall Height Instead Of 4-5/8", Add	*51.53*	
26 05 36 00-1257	EA	18" Horizontal Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,092.46	370.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-78.36*	
		For 6" Overall Height Instead Of 4-5/8", Add	*54.62*	
26 05 36 00-1258	EA	24" Horizontal Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,230.05	428.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-87.32*	
		For 6" Overall Height Instead Of 4-5/8", Add	*61.50*	
26 05 36 00-1259	EA	30" Horizontal Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,325.56	463.61
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-93.92*	
		For 6" Overall Height Instead Of 4-5/8", Add	*66.28*	
26 05 36 00-1260	EA	36" Horizontal Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,465.61	505.34
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-104.44*	
		For 6" Overall Height Instead Of 4-5/8", Add	*73.28*	
26 05 36 00-1261		**36" Radius Horizontal Crosses** *(26 05 36 00-1124)*		
26 05 36 00-1262	EA	6" Horizontal Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,080.23	347.71
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-79.05*	
		For 6" Overall Height Instead Of 4-5/8", Add	*54.01*	
26 05 36 00-1263	EA	9" Horizontal Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,139.40	370.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-83.05*	
		For 6" Overall Height Instead Of 4-5/8", Add	*56.97*	
26 05 36 00-1264	EA	12" Horizontal Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,214.42	396.97
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-88.36*	
		For 6" Overall Height Instead Of 4-5/8", Add	*60.72*	
26 05 36 00-1265	EA	18" Horizontal Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,303.07	428.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-94.62*	
		For 6" Overall Height Instead Of 4-5/8", Add	*65.15*	
26 05 36 00-1266	EA	24" Horizontal Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,572.54	505.34
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-115.14*	
		For 6" Overall Height Instead Of 4-5/8", Add	*78.63*	
26 05 36 00-1267	EA	30" Horizontal Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,734.19	555.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-127.13*	
		For 6" Overall Height Instead Of 4-5/8", Add	*86.71*	
26 05 36 00-1268	EA	36" Horizontal Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,930.89	618.69
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-141.53*	
		For 6" Overall Height Instead Of 4-5/8", Add	*96.54*	
26 05 36 00-1269		**12" Radius Vertical Crosses** *(26 05 36 00-1124)*		
26 05 36 00-1270	EA	6" Vertical Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	685.28	278.17
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-45.35*	
		For 6" Overall Height Instead Of 4-5/8", Add	*34.26*	
26 05 36 00-1271	EA	9" Vertical Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	732.95	292.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-48.90*	
		For 6" Overall Height Instead Of 4-5/8", Add	*36.65*	
26 05 36 00-1272	EA	12" Vertical Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	762.42	308.76
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-50.51*	
		For 6" Overall Height Instead Of 4-5/8", Add	*38.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1273	EA	18" Vertical Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	845.59	327.43
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-57.28*	
		For 6" Overall Height Instead Of 4-5/8", Add	*42.28*	
26 05 36 00-1274	EA	24" Vertical Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	928.16	370.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-61.93*	
		For 6" Overall Height Instead Of 4-5/8", Add	*46.41*	
26 05 36 00-1275	EA	30" Vertical Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,026.65	396.97
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-69.59*	
		For 6" Overall Height Instead Of 4-5/8", Add	*51.33*	
26 05 36 00-1276	EA	36" Vertical Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,168.32	427.11
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-81.24*	
		For 6" Overall Height Instead Of 4-5/8", Add	*58.42*	
26 05 36 00-1277		**24" Radius Vertical Crosses** *(26 05 36 00-1124)*		
26 05 36 00-1278	EA	6" Vertical Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	939.76	308.76
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-68.24*	
		For 6" Overall Height Instead Of 4-5/8", Add	*46.99*	
26 05 36 00-1279	EA	9" Vertical Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	983.80	327.43
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-71.10*	
		For 6" Overall Height Instead Of 4-5/8", Add	*49.19*	
26 05 36 00-1280	EA	12" Vertical Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,030.68	347.71
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-74.09*	
		For 6" Overall Height Instead Of 4-5/8", Add	*51.53*	
26 05 36 00-1281	EA	18" Vertical Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,092.46	370.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-78.36*	
		For 6" Overall Height Instead Of 4-5/8", Add	*54.62*	
26 05 36 00-1282	EA	24" Vertical Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,230.05	428.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-87.32*	
		For 6" Overall Height Instead Of 4-5/8", Add	*61.50*	
26 05 36 00-1283	EA	30" Vertical Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,325.56	463.61
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-93.92*	
		For 6" Overall Height Instead Of 4-5/8", Add	*66.28*	
26 05 36 00-1284	EA	36" Vertical Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,465.61	505.34
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-104.44*	
		For 6" Overall Height Instead Of 4-5/8", Add	*73.28*	
26 05 36 00-1285		**36" Radius Vertical Crosses** *(26 05 36 00-1124)*		
26 05 36 00-1286	EA	6" Vertical Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,305.56	347.71
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-101.58*	
		For 6" Overall Height Instead Of 4-5/8", Add	*65.28*	
26 05 36 00-1287	EA	9" Vertical Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,374.11	370.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-106.52*	
		For 6" Overall Height Instead Of 4-5/8", Add	*68.71*	
26 05 36 00-1288	EA	12" Vertical Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,463.21	396.97
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-113.24*	
		For 6" Overall Height Instead Of 4-5/8", Add	*73.16*	
26 05 36 00-1289	EA	18" Vertical Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,568.29	428.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-121.14*	
		For 6" Overall Height Instead Of 4-5/8", Add	*78.41*	
26 05 36 00-1290	EA	24" Vertical Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,901.13	505.34
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-148.00*	
		For 6" Overall Height Instead Of 4-5/8", Add	*95.06*	
26 05 36 00-1291	EA	30" Vertical Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	2,097.99	555.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-163.51*	
		For 6" Overall Height Instead Of 4-5/8", Add	*104.90*	
26 05 36 00-1292	EA	36" Vertical Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	2,335.76	618.69
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-182.02*	
		For 6" Overall Height Instead Of 4-5/8", Add	*116.79*	
26 05 36 00-1293		**12" Rung Tray Fittings** *(26 05 36 00-0744)*		
26 05 36 00-1294		**90 Degree, 12" Radius Horizontal Elbows** *(26 05 36 00-1293)*		
26 05 36 00-1295	EA	6" Horizontal 90 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	289.49	116.25
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-19.26*	
		For 6" Overall Height Instead Of 4-5/8", Add	*14.47*	
26 05 36 00-1296	EA	9" Horizontal 90 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	318.91	132.37
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-20.86*	
		For 6" Overall Height Instead Of 4-5/8", Add	*15.95*	
26 05 36 00-1297	EA	12" Horizontal 90 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	360.32	146.39
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.84*	
		For 6" Overall Height Instead Of 4-5/8", Add	*18.02*	
26 05 36 00-1298	EA	18" Horizontal 90 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	430.00	179.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.05*	
		For 6" Overall Height Instead Of 4-5/8", Add	*21.50*	
26 05 36 00-1299	EA	24" Horizontal 90 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	505.81	205.96
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.42*	
		For 6" Overall Height Instead Of 4-5/8", Add	*25.29*	
26 05 36 00-1300	EA	30" Horizontal 90 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	558.54	231.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.54*	
		For 6" Overall Height Instead Of 4-5/8", Add	*27.93*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1301	EA	36" Horizontal 90 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	650.15	264.95
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-42.94*	
		For 6" Overall Height Instead Of 4-5/8", Add	*32.51*	
26 05 36 00-1302		**90 Degree, 24" Radius Horizontal Elbows** *(26 05 36 00-1293)*		
26 05 36 00-1303	EA	6" Horizontal 90 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	371.28	120.89
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.05*	
		For 6" Overall Height Instead Of 4-5/8", Add	*18.56*	
26 05 36 00-1304	EA	9" Horizontal 90 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	408.68	138.97
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.29*	
		For 6" Overall Height Instead Of 4-5/8", Add	*20.43*	
26 05 36 00-1305	EA	12" Horizontal 90 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	443.11	154.50
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.43*	
		For 6" Overall Height Instead Of 4-5/8", Add	*22.16*	
26 05 36 00-1306	EA	18" Horizontal 90 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	521.12	191.93
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.12*	
		For 6" Overall Height Instead Of 4-5/8", Add	*26.06*	
26 05 36 00-1307	EA	24" Horizontal 90 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	591.72	222.65
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-40.62*	
		For 6" Overall Height Instead Of 4-5/8", Add	*29.59*	
26 05 36 00-1308	EA	30" Horizontal 90 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	662.48	252.67
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-45.19*	
		For 6" Overall Height Instead Of 4-5/8", Add	*33.12*	
26 05 36 00-1309	EA	36" Horizontal 90 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	759.45	292.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-51.55*	
		For 6" Overall Height Instead Of 4-5/8", Add	*37.97*	
26 05 36 00-1310		**90 Degree, 36" Radius Horizontal Elbows** *(26 05 36 00-1293)*		
26 05 36 00-1311	EA	6" Horizontal 90 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	397.33	126.33
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.20*	
		For 6" Overall Height Instead Of 4-5/8", Add	*19.87*	
26 05 36 00-1312	EA	9" Horizontal 90 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	435.30	146.27
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.35*	
		For 6" Overall Height Instead Of 4-5/8", Add	*21.77*	
26 05 36 00-1313	EA	12" Horizontal 90 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	486.27	163.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.99*	
		For 6" Overall Height Instead Of 4-5/8", Add	*24.31*	
26 05 36 00-1314	EA	18" Horizontal 90 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	583.42	205.96
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-41.18*	
		For 6" Overall Height Instead Of 4-5/8", Add	*29.17*	
26 05 36 00-1315	EA	24" Horizontal 90 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	674.64	241.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-47.31*	
		For 6" Overall Height Instead Of 4-5/8", Add	*33.73*	
26 05 36 00-1316	EA	30" Horizontal 90 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	761.93	278.17
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-53.01*	
		For 6" Overall Height Instead Of 4-5/8", Add	*38.10*	
26 05 36 00-1317	EA	36" Horizontal 90 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	886.63	326.85
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-61.43*	
		For 6" Overall Height Instead Of 4-5/8", Add	*44.33*	
26 05 36 00-1318		**45 Degree, 12" Radius Horizontal Elbows** *(26 05 36 00-1293)*		
26 05 36 00-1319	EA	6" Horizontal 45 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	203.44	84.26
		For 60 Degree Bend, Deduct	*-34.85*	
		For 30 Degree Bend, Deduct	*-62.76*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-13.33*	
		For 6" Overall Height Instead Of 4-5/8", Add	*10.17*	
26 05 36 00-1320	EA	9" Horizontal 45 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	233.85	101.06
		For 60 Degree Bend, Deduct	*-38.45*	
		For 30 Degree Bend, Deduct	*-69.69*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-14.97*	
		For 6" Overall Height Instead Of 4-5/8", Add	*11.69*	
26 05 36 00-1321	EA	12" Horizontal 45 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	261.09	115.91
		For 60 Degree Bend, Deduct	*-41.73*	
		For 30 Degree Bend, Deduct	*-75.99*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-16.45*	
		For 6" Overall Height Instead Of 4-5/8", Add	*13.05*	
26 05 36 00-1322	EA	18" Horizontal 45 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	324.15	146.50
		For 60 Degree Bend, Deduct	*-50.82*	
		For 30 Degree Bend, Deduct	*-92.84*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-20.21*	
		For 6" Overall Height Instead Of 4-5/8", Add	*16.21*	
26 05 36 00-1323	EA	24" Horizontal 45 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	398.47	179.41
		For 60 Degree Bend, Deduct	*-62.72*	
		For 30 Degree Bend, Deduct	*-114.50*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.90*	
		For 6" Overall Height Instead Of 4-5/8", Add	*19.92*	
26 05 36 00-1324	EA	30" Horizontal 45 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	457.30	205.96
		For 60 Degree Bend, Deduct	*-71.95*	
		For 30 Degree Bend, Deduct	*-131.36*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.56*	
		For 6" Overall Height Instead Of 4-5/8", Add	*22.87*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1325	EA	36" Horizontal 45 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	521.84	241.78
		For 60 Degree Bend, Deduct	*-79.52*	
		For 30 Degree Bend, Deduct	*-145.96*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.03*	
		For 6" Overall Height Instead Of 4-5/8", Add	*26.09*	
26 05 36 00-1326		**45 Degree, 24" Radius Horizontal Elbows** *(26 05 36 00-1293)*		
26 05 36 00-1327	EA	6" Horizontal 45 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	229.69	86.93
		For 60 Degree Bend, Deduct	*-42.49*	
		For 30 Degree Bend, Deduct	*-75.65*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-15.73*	
		For 6" Overall Height Instead Of 4-5/8", Add	*11.48*	
26 05 36 00-1328	EA	9" Horizontal 45 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	269.25	104.77
		For 60 Degree Bend, Deduct	*-48.68*	
		For 30 Degree Bend, Deduct	*-86.96*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-18.19*	
		For 6" Overall Height Instead Of 4-5/8", Add	*13.46*	
26 05 36 00-1329	EA	12" Horizontal 45 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	298.66	121.00
		For 60 Degree Bend, Deduct	*-52.18*	
		For 30 Degree Bend, Deduct	*-93.69*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-19.78*	
		For 6" Overall Height Instead Of 4-5/8", Add	*14.93*	
26 05 36 00-1330	EA	18" Horizontal 45 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	361.86	154.50
		For 60 Degree Bend, Deduct	*-60.17*	
		For 30 Degree Bend, Deduct	*-108.87*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-23.31*	
		For 6" Overall Height Instead Of 4-5/8", Add	*18.09*	
26 05 36 00-1331	EA	24" Horizontal 45 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	441.09	191.93
		For 60 Degree Bend, Deduct	*-72.00*	
		For 30 Degree Bend, Deduct	*-130.66*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.12*	
		For 6" Overall Height Instead Of 4-5/8", Add	*22.05*	
26 05 36 00-1332	EA	30" Horizontal 45 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	516.53	222.65
		For 60 Degree Bend, Deduct	*-85.12*	
		For 30 Degree Bend, Deduct	*-154.24*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.10*	
		For 6" Overall Height Instead Of 4-5/8", Add	*25.83*	
26 05 36 00-1333	EA	36" Horizontal 45 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	594.50	265.07
		For 60 Degree Bend, Deduct	*-94.59*	
		For 30 Degree Bend, Deduct	*-172.38*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.37*	
		For 6" Overall Height Instead Of 4-5/8", Add	*29.73*	
26 05 36 00-1334		**45 Degree, 36" Radius Horizontal Elbows** *(26 05 36 00-1293)*		
26 05 36 00-1335	EA	6" Horizontal 45 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	263.43	89.71
		For 60 Degree Bend, Deduct	*-52.56*	
		For 30 Degree Bend, Deduct	*-92.58*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-18.87*	
		For 6" Overall Height Instead Of 4-5/8", Add	*13.17*	
26 05 36 00-1336	EA	9" Horizontal 45 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	297.97	108.95
		For 60 Degree Bend, Deduct	*-56.57*	
		For 30 Degree Bend, Deduct	*-100.34*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-20.72*	
		For 6" Overall Height Instead Of 4-5/8", Add	*14.90*	
26 05 36 00-1337	EA	12" Horizontal 45 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	329.58	126.45
		For 60 Degree Bend, Deduct	*-60.29*	
		For 30 Degree Bend, Deduct	*-107.51*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.42*	
		For 6" Overall Height Instead Of 4-5/8", Add	*16.48*	
26 05 36 00-1338	EA	18" Horizontal 45 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	403.81	163.66
		For 60 Degree Bend, Deduct	*-70.50*	
		For 30 Degree Bend, Deduct	*-126.60*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.74*	
		For 6" Overall Height Instead Of 4-5/8", Add	*20.19*	
26 05 36 00-1339	EA	24" Horizontal 45 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	503.38	205.96
		For 60 Degree Bend, Deduct	*-87.15*	
		For 30 Degree Bend, Deduct	*-156.70*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-33.17*	
		For 6" Overall Height Instead Of 4-5/8", Add	*25.17*	
26 05 36 00-1340	EA	30" Horizontal 45 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	572.77	241.78
		For 60 Degree Bend, Deduct	*-96.32*	
		For 30 Degree Bend, Deduct	*-173.97*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.13*	
		For 6" Overall Height Instead Of 4-5/8", Add	*28.64*	
26 05 36 00-1341	EA	36" Horizontal 45 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	674.56	292.66
		For 60 Degree Bend, Deduct	*-110.41*	
		For 30 Degree Bend, Deduct	*-200.27*	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-43.07*	
		For 6" Overall Height Instead Of 4-5/8", Add	*33.73*	
26 05 36 00-1342		**90 Degree, 12" Radius Vertical Risers** *(26 05 36 00-1293)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1343	EA	6" Vertical Riser 90 Degree, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	322.27	115.91
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.57*	
		For 6" Overall Height Instead Of 4-5/8", Add	*16.11*	
26 05 36 00-1344	EA	9" Vertical Riser 90 Degree, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	356.81	132.37
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.65*	
		For 6" Overall Height Instead Of 4-5/8", Add	*17.84*	
26 05 36 00-1345	EA	12" Vertical Riser 90 Degree, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	382.38	146.39
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.04*	
		For 6" Overall Height Instead Of 4-5/8", Add	*19.12*	
26 05 36 00-1346	EA	18" Vertical Riser 90 Degree, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	442.20	179.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-29.27*	
		For 6" Overall Height Instead Of 4-5/8", Add	*22.11*	
26 05 36 00-1347	EA	24" Vertical Riser 90 Degree, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	493.52	205.96
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.19*	
		For 6" Overall Height Instead Of 4-5/8", Add	*24.68*	
26 05 36 00-1348	EA	30" Vertical Riser 90 Degree, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	543.60	231.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-35.04*	
		For 6" Overall Height Instead Of 4-5/8", Add	*27.18*	
26 05 36 00-1349	EA	36" Vertical Riser 90 Degree, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	602.98	264.61
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-38.25*	
		For 6" Overall Height Instead Of 4-5/8", Add	*30.15*	
26 05 36 00-1350		**90 Degree, 24" Radius Vertical Risers** *(26 05 36 00-1293)*		
26 05 36 00-1351	EA	6" Vertical Riser 90 Degree, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	341.16	120.89
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.04*	
		For 6" Overall Height Instead Of 4-5/8", Add	*17.06*	
26 05 36 00-1352	EA	9" Vertical Riser 90 Degree, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	377.33	139.08
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.14*	
		For 6" Overall Height Instead Of 4-5/8", Add	*18.87*	
26 05 36 00-1353	EA	12" Vertical Riser 90 Degree, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	406.61	154.50
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.78*	
		For 6" Overall Height Instead Of 4-5/8", Add	*20.33*	
26 05 36 00-1354	EA	18" Vertical Riser 90 Degree, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	477.08	191.93
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-31.72*	
		For 6" Overall Height Instead Of 4-5/8", Add	*23.85*	
26 05 36 00-1355	EA	24" Vertical Riser 90 Degree, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	537.65	222.65
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-35.21*	
		For 6" Overall Height Instead Of 4-5/8", Add	*26.88*	
26 05 36 00-1356	EA	30" Vertical Riser 90 Degree, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	597.19	252.67
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-38.66*	
		For 6" Overall Height Instead Of 4-5/8", Add	*29.86*	
26 05 36 00-1357	EA	36" Vertical Riser 90 Degree, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	675.58	292.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-43.17*	
		For 6" Overall Height Instead Of 4-5/8", Add	*33.78*	
26 05 36 00-1358		**90 Degree, 36" Radius Vertical Risers** *(26 05 36 00-1293)*		
26 05 36 00-1359	EA	6" Vertical Riser 90 Degree, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	426.51	126.33
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.12*	
		For 6" Overall Height Instead Of 4-5/8", Add	*21.33*	
26 05 36 00-1360	EA	9" Vertical Riser 90 Degree, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	464.53	146.39
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-34.26*	
		For 6" Overall Height Instead Of 4-5/8", Add	*23.23*	
26 05 36 00-1361	EA	12" Vertical Riser 90 Degree, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	507.55	163.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-37.11*	
		For 6" Overall Height Instead Of 4-5/8", Add	*25.38*	
26 05 36 00-1362	EA	18" Vertical Riser 90 Degree, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	587.41	205.96
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-41.58*	
		For 6" Overall Height Instead Of 4-5/8", Add	*29.37*	
26 05 36 00-1363	EA	24" Vertical Riser 90 Degree, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	656.49	241.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-45.50*	
		For 6" Overall Height Instead Of 4-5/8", Add	*32.82*	
26 05 36 00-1364	EA	30" Vertical Riser 90 Degree, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	735.87	278.17
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-50.41*	
		For 6" Overall Height Instead Of 4-5/8", Add	*36.79*	
26 05 36 00-1365	EA	36" Vertical Riser 90 Degree, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	828.66	326.85
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-55.63*	
		For 6" Overall Height Instead Of 4-5/8", Add	*41.43*	
26 05 36 00-1366		**12" Radius Horizontal Tees** *(26 05 36 00-1293)*		
26 05 36 00-1367	EA	6" Horizontal Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	514.18	222.65
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-32.87*	
		For 6" Overall Height Instead Of 4-5/8", Add	*25.71*	
26 05 36 00-1368	EA	9" Horizontal Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	555.56	241.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-35.41*	
		For 6" Overall Height Instead Of 4-5/8", Add	*27.78*	
26 05 36 00-1369	EA	12" Horizontal Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	576.07	252.67
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-36.55*	
		For 6" Overall Height Instead Of 4-5/8", Add	*28.80*	
26 05 36 00-1370	EA	18" Horizontal Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	649.03	278.17
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-41.72*	
		For 6" Overall Height Instead Of 4-5/8", Add	*32.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1371	EA	24" Horizontal Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	718.87	308.76
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-46.15*	
		For 6" Overall Height Instead Of 4-5/8", Add	*35.94*	
26 05 36 00-1372	EA	30" Horizontal Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	782.74	327.43
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-50.99*	
		For 6" Overall Height Instead Of 4-5/8", Add	*39.14*	
26 05 36 00-1373	EA	36" Horizontal Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	901.82	370.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-59.29*	
		For 6" Overall Height Instead Of 4-5/8", Add	*45.09*	

26 05 36 00-1374 24" Radius Horizontal Tees *(26 05 36 00-1293)*

26 05 36 00-1375	EA	6" Horizontal Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	647.10	241.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-44.56*	
		For 6" Overall Height Instead Of 4-5/8", Add	*32.36*	
26 05 36 00-1376	EA	9" Horizontal Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	699.88	265.07
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-47.90*	
		For 6" Overall Height Instead Of 4-5/8", Add	*34.99*	
26 05 36 00-1377	EA	12" Horizontal Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	728.83	278.17
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-49.70*	
		For 6" Overall Height Instead Of 4-5/8", Add	*36.44*	
26 05 36 00-1378	EA	18" Horizontal Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	803.36	308.76
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-54.60*	
		For 6" Overall Height Instead Of 4-5/8", Add	*40.17*	
26 05 36 00-1379	EA	24" Horizontal Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	894.03	347.71
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-60.43*	
		For 6" Overall Height Instead Of 4-5/8", Add	*44.70*	
26 05 36 00-1380	EA	30" Horizontal Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	962.84	370.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-65.39*	
		For 6" Overall Height Instead Of 4-5/8", Add	*48.14*	
26 05 36 00-1381	EA	36" Horizontal Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,241.79	428.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-88.49*	
		For 6" Overall Height Instead Of 4-5/8", Add	*62.09*	

26 05 36 00-1382 36" Radius Horizontal Tees *(26 05 36 00-1293)*

26 05 36 00-1383	EA	6" Horizontal Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	786.72	265.07
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-56.59*	
		For 6" Overall Height Instead Of 4-5/8", Add	*39.34*	
26 05 36 00-1384	EA	9" Horizontal Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	842.22	292.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-59.83*	
		For 6" Overall Height Instead Of 4-5/8", Add	*42.11*	
26 05 36 00-1385	EA	12" Horizontal Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	901.94	308.76
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-64.46*	
		For 6" Overall Height Instead Of 4-5/8", Add	*45.10*	
26 05 36 00-1386	EA	18" Horizontal Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	987.91	347.71
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-69.82*	
		For 6" Overall Height Instead Of 4-5/8", Add	*49.40*	
26 05 36 00-1387	EA	24" Horizontal Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,112.19	396.97
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-78.14*	
		For 6" Overall Height Instead Of 4-5/8", Add	*55.61*	
26 05 36 00-1388	EA	30" Horizontal Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,284.03	428.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-92.72*	
		For 6" Overall Height Instead Of 4-5/8", Add	*64.20*	
26 05 36 00-1389	EA	36" Horizontal Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,476.05	505.34
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-105.49*	
		For 6" Overall Height Instead Of 4-5/8", Add	*73.80*	

26 05 36 00-1390 12" Radius Vertical Tees *(26 05 36 00-1293)*

26 05 36 00-1391	EA	6" Vertical Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	664.86	205.96
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-49.32*	
		For 6" Overall Height Instead Of 4-5/8", Add	*33.24*	
26 05 36 00-1392	EA	9" Vertical Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	687.78	214.07
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-50.94*	
		For 6" Overall Height Instead Of 4-5/8", Add	*34.39*	
26 05 36 00-1393	EA	12" Vertical Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	704.30	222.65
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-51.88*	
		For 6" Overall Height Instead Of 4-5/8", Add	*35.22*	
26 05 36 00-1394	EA	18" Vertical Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	743.33	241.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-54.18*	
		For 6" Overall Height Instead Of 4-5/8", Add	*37.17*	
26 05 36 00-1395	EA	24" Vertical Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	789.65	252.67
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-57.91*	
		For 6" Overall Height Instead Of 4-5/8", Add	*39.48*	
26 05 36 00-1396	EA	30" Vertical Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	839.15	278.17
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-60.73*	
		For 6" Overall Height Instead Of 4-5/8", Add	*41.96*	
26 05 36 00-1397	EA	36" Vertical Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	901.94	308.76
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-64.46*	
		For 6" Overall Height Instead Of 4-5/8", Add	*45.10*	

26 05 36 00-1398 24" Radius Vertical Tees *(26 05 36 00-1293)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1399	EA	6" Vertical Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	915.54	222.65
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-73.00*	
		For 6" Overall Height Instead Of 4-5/8", Add	*45.78*	
26 05 36 00-1400	EA	9" Vertical Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	937.91	231.81
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-74.47*	
		For 6" Overall Height Instead Of 4-5/8", Add	*46.90*	
26 05 36 00-1401	EA	12" Vertical Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	961.61	241.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-76.01*	
		For 6" Overall Height Instead Of 4-5/8", Add	*48.08*	
26 05 36 00-1402	EA	18" Vertical Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,016.74	265.07
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-79.59*	
		For 6" Overall Height Instead Of 4-5/8", Add	*50.84*	
26 05 36 00-1403	EA	24" Vertical Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,052.73	278.17
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-82.09*	
		For 6" Overall Height Instead Of 4-5/8", Add	*52.64*	
26 05 36 00-1404	EA	30" Vertical Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,117.87	308.76
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-86.05*	
		For 6" Overall Height Instead Of 4-5/8", Add	*55.89*	
26 05 36 00-1405	EA	36" Vertical Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,236.71	347.71
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-94.70*	
		For 6" Overall Height Instead Of 4-5/8", Add	*61.84*	

26 05 36 00-1406 36" Radius Vertical Tees *(26 05 36 00-1293)*

26 05 36 00-1407	EA	6" Vertical Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,438.89	241.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-123.74*	
		For 6" Overall Height Instead Of 4-5/8", Add	*71.94*	
26 05 36 00-1408	EA	9" Vertical Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,470.50	252.67
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-125.99*	
		For 6" Overall Height Instead Of 4-5/8", Add	*73.53*	
26 05 36 00-1409	EA	12" Vertical Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,504.49	265.07
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-128.36*	
		For 6" Overall Height Instead Of 4-5/8", Add	*75.22*	
26 05 36 00-1410	EA	18" Vertical Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,564.07	292.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-132.02*	
		For 6" Overall Height Instead Of 4-5/8", Add	*78.20*	
26 05 36 00-1411	EA	24" Vertical Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,604.38	308.76
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-134.70*	
		For 6" Overall Height Instead Of 4-5/8", Add	*80.22*	
26 05 36 00-1412	EA	30" Vertical Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,709.58	347.71
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-141.98*	
		For 6" Overall Height Instead Of 4-5/8", Add	*85.48*	
26 05 36 00-1413	EA	36" Vertical Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,805.06	396.97
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-147.43*	
		For 6" Overall Height Instead Of 4-5/8", Add	*90.25*	

26 05 36 00-1414 12" Radius Horizontal Crosses *(26 05 36 00-1293)*

26 05 36 00-1415	EA	6" Horizontal Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	663.11	278.17
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-43.13*	
		For 6" Overall Height Instead Of 4-5/8", Add	*33.16*	
26 05 36 00-1416	EA	9" Horizontal Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	708.44	292.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-46.45*	
		For 6" Overall Height Instead Of 4-5/8", Add	*35.42*	
26 05 36 00-1417	EA	12" Horizontal Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	737.64	308.76
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-48.03*	
		For 6" Overall Height Instead Of 4-5/8", Add	*36.88*	
26 05 36 00-1418	EA	18" Horizontal Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	815.60	327.43
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-54.28*	
		For 6" Overall Height Instead Of 4-5/8", Add	*40.78*	
26 05 36 00-1419	EA	24" Horizontal Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	897.12	370.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-58.82*	
		For 6" Overall Height Instead Of 4-5/8", Add	*44.86*	
26 05 36 00-1420	EA	30" Horizontal Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	990.14	396.97
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-65.94*	
		For 6" Overall Height Instead Of 4-5/8", Add	*49.51*	
26 05 36 00-1421	EA	36" Horizontal Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,124.43	428.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-76.76*	
		For 6" Overall Height Instead Of 4-5/8", Add	*56.22*	

26 05 36 00-1422 24" Radius Horizontal Crosses *(26 05 36 00-1293)*

26 05 36 00-1423	EA	6" Horizontal Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	897.25	308.76
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-63.99*	
		For 6" Overall Height Instead Of 4-5/8", Add	*44.86*	
26 05 36 00-1424	EA	9" Horizontal Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	939.99	327.43
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-66.72*	
		For 6" Overall Height Instead Of 4-5/8", Add	*47.00*	
26 05 36 00-1425	EA	12" Horizontal Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	985.57	347.71
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-69.58*	
		For 6" Overall Height Instead Of 4-5/8", Add	*49.28*	
26 05 36 00-1426	EA	18" Horizontal Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,044.99	370.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-73.61*	
		For 6" Overall Height Instead Of 4-5/8", Add	*52.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1427	EA	24" Horizontal Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,178.42	428.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-82.16*	
		For 6" Overall Height Instead Of 4-5/8", Add	*58.92*	
26 05 36 00-1428	EA	30" Horizontal Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,270.27	463.61
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-88.39*	
		For 6" Overall Height Instead Of 4-5/8", Add	*63.51*	
26 05 36 00-1429	EA	36" Horizontal Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,403.29	505.34
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-98.21*	
		For 6" Overall Height Instead Of 4-5/8", Add	*70.16*	

26 05 36 00-1430 36" Radius Horizontal Crosses *(26 05 36 00-1293)*

26 05 36 00-1431	EA	6" Horizontal Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,030.16	347.71
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-74.04*	
		For 6" Overall Height Instead Of 4-5/8", Add	*51.51*	
26 05 36 00-1432	EA	9" Horizontal Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,087.24	370.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-77.83*	
		For 6" Overall Height Instead Of 4-5/8", Add	*54.36*	
26 05 36 00-1433	EA	12" Horizontal Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,159.13	396.97
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-82.84*	
		For 6" Overall Height Instead Of 4-5/8", Add	*57.96*	
26 05 36 00-1434	EA	18" Horizontal Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,244.13	428.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-88.73*	
		For 6" Overall Height Instead Of 4-5/8", Add	*62.21*	
26 05 36 00-1435	EA	24" Horizontal Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,499.52	505.34
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-107.84*	
		For 6" Overall Height Instead Of 4-5/8", Add	*74.98*	
26 05 36 00-1436	EA	30" Horizontal Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,653.35	555.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-119.05*	
		For 6" Overall Height Instead Of 4-5/8", Add	*82.67*	
26 05 36 00-1437	EA	36" Horizontal Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,840.92	618.69
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-132.53*	
		For 6" Overall Height Instead Of 4-5/8", Add	*92.05*	

26 05 36 00-1438 12" Radius Vertical Crosses *(26 05 36 00-1293)*

26 05 36 00-1439	EA	6" Vertical Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	663.11	278.17
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-43.13*	
		For 6" Overall Height Instead Of 4-5/8", Add	*33.16*	
26 05 36 00-1440	EA	9" Vertical Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	708.61	292.78
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-46.46*	
		For 6" Overall Height Instead Of 4-5/8", Add	*35.43*	
26 05 36 00-1441	EA	12" Vertical Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	737.55	308.76
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-48.03*	
		For 6" Overall Height Instead Of 4-5/8", Add	*36.88*	
26 05 36 00-1442	EA	18" Vertical Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	815.81	327.55
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-54.29*	
		For 6" Overall Height Instead Of 4-5/8", Add	*40.79*	
26 05 36 00-1443	EA	24" Vertical Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	897.12	370.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-58.82*	
		For 6" Overall Height Instead Of 4-5/8", Add	*44.86*	
26 05 36 00-1444	EA	30" Vertical Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	990.44	397.09
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-65.95*	
		For 6" Overall Height Instead Of 4-5/8", Add	*49.52*	
26 05 36 00-1445	EA	36" Vertical Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,123.56	427.69
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-76.72*	
		For 6" Overall Height Instead Of 4-5/8", Add	*56.18*	

26 05 36 00-1446 24" Radius Vertical Crosses *(26 05 36 00-1293)*

26 05 36 00-1447	EA	6" Vertical Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	897.25	308.76
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-63.99*	
		For 6" Overall Height Instead Of 4-5/8", Add	*44.86*	
26 05 36 00-1448	EA	9" Vertical Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	939.99	327.43
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-66.72*	
		For 6" Overall Height Instead Of 4-5/8", Add	*47.00*	
26 05 36 00-1449	EA	12" Vertical Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	985.57	347.71
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-69.58*	
		For 6" Overall Height Instead Of 4-5/8", Add	*49.28*	
26 05 36 00-1450	EA	18" Vertical Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,044.99	370.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-73.61*	
		For 6" Overall Height Instead Of 4-5/8", Add	*52.25*	
26 05 36 00-1451	EA	24" Vertical Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,178.42	428.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-82.16*	
		For 6" Overall Height Instead Of 4-5/8", Add	*58.92*	
26 05 36 00-1452	EA	30" Vertical Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,270.27	463.61
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-88.39*	
		For 6" Overall Height Instead Of 4-5/8", Add	*63.51*	
26 05 36 00-1453	EA	36" Vertical Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,403.29	505.34
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-98.21*	
		For 6" Overall Height Instead Of 4-5/8", Add	*70.16*	

26 05 36 00-1454 36" Radius Vertical Crosses *(26 05 36 00-1293)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1455	EA	6" Vertical Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,232.95	347.71
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-94.32*	
		For 6" Overall Height Instead Of 4-5/8", Add	*61.65*	
26 05 36 00-1456	EA	9" Vertical Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,298.48	370.66
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-98.96*	
		For 6" Overall Height Instead Of 4-5/8", Add	*64.92*	
26 05 36 00-1457	EA	12" Vertical Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,383.05	396.97
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-105.23*	
		For 6" Overall Height Instead Of 4-5/8", Add	*69.15*	
26 05 36 00-1458	EA	18" Vertical Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,482.83	428.26
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-112.60*	
		For 6" Overall Height Instead Of 4-5/8", Add	*74.14*	
26 05 36 00-1459	EA	24" Vertical Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,795.25	505.34
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-137.41*	
		For 6" Overall Height Instead Of 4-5/8", Add	*89.76*	
26 05 36 00-1460	EA	30" Vertical Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,980.77	555.41
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-151.79*	
		For 6" Overall Height Instead Of 4-5/8", Add	*99.04*	
26 05 36 00-1461	EA	36" Vertical Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	2,205.31	618.69
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-168.97*	
		For 6" Overall Height Instead Of 4-5/8", Add	*110.27*	

26 05 36 00-1462 Dropout Or End Plates And Reducers *(26 05 36 00-0744)*

26 05 36 00-1463 Straight Reducers *(26 05 36 00-1462)*

26 05 36 00-1464	EA	9" To 6" Reducer, Aluminum Cable Tray	259.95	85.54
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-18.87*	
		For 6" Overall Height Instead Of 4-5/8", Add	*13.00*	
26 05 36 00-1465	EA	12" To 9" Reducer, Aluminum Cable Tray	274.34	92.60
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-19.72*	
		For 6" Overall Height Instead Of 4-5/8", Add	*13.72*	
26 05 36 00-1466	EA	18" To 12" Reducer, Aluminum Cable Tray	300.77	106.87
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.17*	
		For 6" Overall Height Instead Of 4-5/8", Add	*15.04*	
26 05 36 00-1467	EA	24" To 18" Reducer, Aluminum Cable Tray	331.27	123.67
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.82*	
		For 6" Overall Height Instead Of 4-5/8", Add	*16.56*	
26 05 36 00-1468	EA	30" To 24" Reducer, Aluminum Cable Tray	359.60	139.08
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.37*	
		For 6" Overall Height Instead Of 4-5/8", Add	*17.98*	
26 05 36 00-1469	EA	36" To 30" Reducer, Aluminum Cable Tray	400.47	158.91
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.80*	
		For 6" Overall Height Instead Of 4-5/8", Add	*20.02*	

26 05 36 00-1470 Reducers *(26 05 36 00-1462)*

26 05 36 00-1471	EA	18" To 6" Reducer, Aluminum Cable Tray	300.88	106.98
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-21.17*	
		For 6" Overall Height Instead Of 4-5/8", Add	*15.04*	
26 05 36 00-1472	EA	24" To 12" Reducer, Aluminum Cable Tray	331.56	123.79
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-22.84*	
		For 6" Overall Height Instead Of 4-5/8", Add	*16.58*	
26 05 36 00-1473	EA	30" To 12" Reducer, Aluminum Cable Tray	359.42	138.97
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.36*	
		For 6" Overall Height Instead Of 4-5/8", Add	*17.97*	
26 05 36 00-1474	EA	30" To 18" Reducer, Aluminum Cable Tray	361.83	138.85
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-24.61*	
		For 6" Overall Height Instead Of 4-5/8", Add	*18.09*	
26 05 36 00-1475	EA	36" To 12" Reducer, Aluminum Cable Tray	397.86	158.91
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-26.54*	
		For 6" Overall Height Instead Of 4-5/8", Add	*19.89*	
26 05 36 00-1476	EA	36" To 18" Reducer, Aluminum Cable Tray	407.43	163.08
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-27.15*	
		For 6" Overall Height Instead Of 4-5/8", Add	*20.37*	
26 05 36 00-1477	EA	36" To 24" Reducer, Aluminum Cable Tray	421.33	168.29
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	*-28.11*	
		For 6" Overall Height Instead Of 4-5/8", Add	*21.07*	

26 05 36 00-1478 Dropout Or End Plate *(26 05 36 00-1462)*

26 05 36 00-1479	EA	6" Dropout Or End Plate, Aluminum Cable Tray	73.47	34.77
26 05 36 00-1480	EA	9" Dropout Or End Plate, Aluminum Cable Tray	82.74	39.75
26 05 36 00-1481	EA	12" Dropout Or End Plate, Aluminum Cable Tray	89.27	42.77
26 05 36 00-1482	EA	18" Dropout Or End Plate, Aluminum Cable Tray	108.37	50.54
26 05 36 00-1483	EA	24" Dropout Or End Plate, Aluminum Cable Tray	121.02	55.64
26 05 36 00-1484	EA	30" Dropout Or End Plate, Aluminum Cable Tray	136.69	61.77
26 05 36 00-1485	EA	36" Dropout Or End Plate, Aluminum Cable Tray	153.33	69.54

26 05 36 00-1486 Solid Bottom Cable Tray *(26 05 36 00-0001)*

Note: 3-5/8" Height.

26 05 36 00-1487 Solid Bottom Galvanized Steel Straight Tray Sections *(26 05 36 00-1486)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1488	LF	6" Solid Bottom Steel Cable Tray, Straight Section	31.38	9.04
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*3.19*	
26 05 36 00-1489	LF	12" Solid Bottom Steel Cable Tray, Straight Section	39.14	11.13
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*4.02*	
26 05 36 00-1490	LF	18" Solid Bottom Steel Cable Tray, Straight Section	51.98	16.00
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*5.13*	
26 05 36 00-1491	LF	24" Solid Bottom Steel Cable Tray, Straight Section	60.17	18.31
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*5.97*	
26 05 36 00-1492	LF	30" Solid Bottom Steel Cable Tray, Straight Section	72.08	22.14
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*7.12*	
26 05 36 00-1493	LF	36" Solid Bottom Steel Cable Tray, Straight Section	92.62	25.38
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*9.67*	

26 05 36 00-1494 Solid Bottom Galvanized Steel Cable Tray Fittings *(26 05 36 00-1486)*

26 05 36 00-1495 90 Degree, 12" Radius Horizontal Elbows *(26 05 36 00-1494)*

26 05 36 00-1496	EA	6" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray	316.10	116.02
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*28.09*	
26 05 36 00-1497	EA	12" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray	409.62	163.19
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*34.24*	
26 05 36 00-1498	EA	18" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray	500.49	205.96
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*40.74*	
26 05 36 00-1499	EA	24" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray	613.35	253.01
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*49.82*	
26 05 36 00-1500	EA	30" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray	717.04	293.24
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*58.69*	
26 05 36 00-1501	EA	36" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray	806.01	327.43
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*66.33*	

26 05 36 00-1502 90 Degree, 24" Radius Horizontal Elbows *(26 05 36 00-1494)*

26 05 36 00-1503	EA	6" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray	375.75	120.77
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*36.23*	
26 05 36 00-1504	EA	12" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray	493.90	173.97
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*45.08*	
26 05 36 00-1505	EA	18" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray	606.79	222.65
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*53.92*	
26 05 36 00-1506	EA	24" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray	738.68	278.17
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*64.44*	
26 05 36 00-1507	EA	30" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray	866.39	326.85
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*75.49*	
26 05 36 00-1508	EA	36" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray	978.85	370.66
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*85.05*	

26 05 36 00-1509 90 Degree, 36" Radius Horizontal Elbows *(26 05 36 00-1494)*

26 05 36 00-1510	EA	6" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray	465.70	126.22
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*48.83*	
26 05 36 00-1511	EA	12" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray	596.93	185.79
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*58.58*	
26 05 36 00-1512	EA	18" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray	754.77	242.12
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*72.86*	
26 05 36 00-1513	EA	24" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray	895.35	308.76
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*82.84*	
26 05 36 00-1514	EA	30" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray	1,074.63	370.66
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*99.41*	
26 05 36 00-1515	EA	36" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray	1,225.24	427.11
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*112.59*	

26 05 36 00-1516 45 Degree, 12" Radius Horizontal Elbows *(26 05 36 00-1494)*

26 05 36 00-1517	EA	6" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray	285.53	116.02
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*23.49*	
26 05 36 00-1518	EA	12" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray	375.23	163.19
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*29.08*	
26 05 36 00-1519	EA	18" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray	460.80	205.73
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*34.83*	
26 05 36 00-1520	EA	24" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray	564.84	252.67
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*42.61*	
26 05 36 00-1521	EA	30" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray	659.94	293.24
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*50.13*	
26 05 36 00-1522	EA	36" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray	739.91	326.85
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*56.52*	

26 05 36 00-1523 45 Degree, 24" Radius Horizontal Elbows *(26 05 36 00-1494)*

26 05 36 00-1524	EA	6" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray	332.29	120.89
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*29.69*	
26 05 36 00-1525	EA	12" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray	442.65	173.85
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*37.42*	
26 05 36 00-1526	EA	18" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray	548.32	222.89
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*45.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1527	EA	24" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray	669.91	278.17
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*54.13*	
26 05 36 00-1528	EA	30" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray	786.98	327.43
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*63.48*	
26 05 36 00-1529	EA	36" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray	888.59	370.66
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*71.51*	
26 05 36 00-1530		**45 Degree, 36" Radius Horizontal Elbows** *(26 05 36 00-1494)*		
26 05 36 00-1531	EA	6" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray	402.15	126.33
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*39.26*	
26 05 36 00-1532	EA	12" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray	496.28	168.41
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*46.37*	
26 05 36 00-1533	EA	18" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray	666.96	242.12
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*59.69*	
26 05 36 00-1534	EA	24" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray	801.09	309.35
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*68.61*	
26 05 36 00-1535	EA	30" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray	960.43	370.66
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*82.28*	
26 05 36 00-1536	EA	36" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray	1,098.67	428.26
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*93.43*	
26 05 36 00-1537		**90 Degree, 12" Radius Vertical Risers** *(26 05 36 00-1494)*		
26 05 36 00-1538	EA	6" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Steel Cable Tray	342.61	115.67
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*32.11*	
26 05 36 00-1539	EA	12" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Steel Cable Tray	429.26	163.19
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*37.18*	
26 05 36 00-1540	EA	18" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Steel Cable Tray	502.95	205.96
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*41.11*	
26 05 36 00-1541	EA	24" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Steel Cable Tray	608.44	253.01
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*49.09*	
26 05 36 00-1542	EA	30" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Steel Cable Tray	687.57	293.24
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*54.27*	
26 05 36 00-1543	EA	36" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Steel Cable Tray	750.96	326.85
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*58.18*	
26 05 36 00-1544		**90 Degree, 24" Radius Vertical Risers** *(26 05 36 00-1494)*		
26 05 36 00-1545	EA	6" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Steel Cable Tray	412.59	120.77
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*41.75*	
26 05 36 00-1546	EA	12" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Steel Cable Tray	520.91	173.97
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*49.13*	
26 05 36 00-1547	EA	18" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Steel Cable Tray	621.52	222.65
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*56.13*	
26 05 36 00-1548	EA	24" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Steel Cable Tray	736.22	278.17
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*64.07*	
26 05 36 00-1549	EA	30" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Steel Cable Tray	832.01	326.85
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*70.34*	
26 05 36 00-1550	EA	36" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Steel Cable Tray	932.19	370.66
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*78.05*	
26 05 36 00-1551		**90 Degree, 36" Radius Vertical Risers** *(26 05 36 00-1494)*		
26 05 36 00-1552	EA	6" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Steel Cable Tray	497.63	126.22
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*53.62*	
26 05 36 00-1553	EA	12" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Steel Cable Tray	603.05	168.76
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*62.33*	
26 05 36 00-1554	EA	18" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Steel Cable Tray	754.77	242.12
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*72.86*	
26 05 36 00-1555	EA	24" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Steel Cable Tray	900.26	308.76
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*83.57*	
26 05 36 00-1556	EA	30" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Steel Cable Tray	1,037.79	370.66
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*93.89*	
26 05 36 00-1557	EA	36" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Steel Cable Tray	1,168.75	427.11
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*104.12*	
26 05 36 00-1558		**12" Radius Horizontal Tees** *(26 05 36 00-1494)*		
26 05 36 00-1559	EA	6" Horizontal Tee, Solid Bottom, 12" Radius, Steel Cable Tray	542.93	222.65
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*44.34*	
26 05 36 00-1560	EA	12" Horizontal Tee, Solid Bottom, 12" Radius, Steel Cable Tray	649.53	277.70
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*51.14*	
26 05 36 00-1561	EA	18" Horizontal Tee, Solid Bottom, 12" Radius, Steel Cable Tray	766.72	327.43
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*60.44*	
26 05 36 00-1562	EA	24" Horizontal Tee, Solid Bottom, 12" Radius, Steel Cable Tray	911.12	397.78
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*70.36*	
26 05 36 00-1563	EA	30" Horizontal Tee, Solid Bottom, 12" Radius, Steel Cable Tray	996.13	428.26
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*78.05*	
26 05 36 00-1564	EA	36" Horizontal Tee, Solid Bottom, 12" Radius, Steel Cable Tray	1,166.52	505.34
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*90.75*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1565		**24" Radius Horizontal Tees** *(26 05 36 00-1494)*		
26 05 36 00-1566	EA	6" Horizontal Tee, Solid Bottom, 24" Radius, Steel Cable Tray	670.70	241.78
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*60.31*	
26 05 36 00-1567	EA	12" Horizontal Tee, Solid Bottom, 24" Radius, Steel Cable Tray	826.58	308.76
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*72.52*	
26 05 36 00-1568	EA	18" Horizontal Tee, Solid Bottom, 24" Radius, Steel Cable Tray	964.11	370.66
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*82.83*	
26 05 36 00-1569	EA	24" Horizontal Tee, Solid Bottom, 24" Radius, Steel Cable Tray	1,241.78	463.61
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*109.00*	
26 05 36 00-1570	EA	30" Horizontal Tee, Solid Bottom, 24" Radius, Steel Cable Tray	1,353.18	505.34
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*118.74*	
26 05 36 00-1571	EA	36" Horizontal Tee, Solid Bottom, 24" Radius, Steel Cable Tray	1,583.77	618.69
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*134.45*	
26 05 36 00-1572		**36" Radius Horizontal Tees** *(26 05 36 00-1494)*		
26 05 36 00-1573	EA	6" Horizontal Tee, Solid Bottom, 36" Radius, Steel Cable Tray	861.67	265.07
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*85.08*	
26 05 36 00-1574	EA	12" Horizontal Tee, Solid Bottom, 36" Radius, Steel Cable Tray	1,048.61	347.71
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*99.34*	
26 05 36 00-1575	EA	18" Horizontal Tee, Solid Bottom, 36" Radius, Steel Cable Tray	1,224.54	428.26
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*112.31*	
26 05 36 00-1576	EA	24" Horizontal Tee, Solid Bottom, 36" Radius, Steel Cable Tray	1,498.08	505.34
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*140.48*	
26 05 36 00-1577	EA	30" Horizontal Tee, Solid Bottom, 36" Radius, Steel Cable Tray	1,640.96	557.27
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*153.27*	
26 05 36 00-1578	EA	36" Horizontal Tee, Solid Bottom, 36" Radius, Steel Cable Tray	1,895.84	695.42
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*168.47*	
26 05 36 00-1579		**12" Radius Vertical Tees** *(26 05 36 00-1494)*		
26 05 36 00-1580	EA	6" Vertical Tee, Solid Bottom, 12" Radius, Steel Cable Tray	653.45	222.65
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*60.92*	
26 05 36 00-1581	EA	12" Vertical Tee, Solid Bottom, 12" Radius, Steel Cable Tray	758.33	278.17
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*67.39*	
26 05 36 00-1582	EA	18" Vertical Tee, Solid Bottom, 12" Radius, Steel Cable Tray	814.30	308.76
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*70.68*	
26 05 36 00-1583	EA	24" Vertical Tee, Solid Bottom, 12" Radius, Steel Cable Tray	873.76	326.85
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*76.60*	
26 05 36 00-1584	EA	30" Vertical Tee, Solid Bottom, 12" Radius, Steel Cable Tray	969.03	370.66
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*83.57*	
26 05 36 00-1585	EA	36" Vertical Tee, Solid Bottom, 12" Radius, Steel Cable Tray	1,077.18	428.26
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*90.21*	
26 05 36 00-1586		**24" Radius Vertical Tees** *(26 05 36 00-1494)*		
26 05 36 00-1587	EA	6" Vertical Tee, Solid Bottom, 24" Radius, Steel Cable Tray	820.52	241.78
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*82.78*	
26 05 36 00-1588	EA	12" Vertical Tee, Solid Bottom, 24" Radius, Steel Cable Tray	951.84	308.76
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*91.31*	
26 05 36 00-1589	EA	18" Vertical Tee, Solid Bottom, 24" Radius, Steel Cable Tray	1,038.79	347.71
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*97.87*	
26 05 36 00-1590	EA	24" Vertical Tee, Solid Bottom, 24" Radius, Steel Cable Tray	1,099.19	370.66
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*103.10*	
26 05 36 00-1591	EA	30" Vertical Tee, Solid Bottom, 24" Radius, Steel Cable Tray	1,241.73	428.26
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*114.89*	
26 05 36 00-1592	EA	36" Vertical Tee, Solid Bottom, 24" Radius, Steel Cable Tray	1,394.93	505.34
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*125.01*	
26 05 36 00-1593		**36" Radius Vertical Tees** *(26 05 36 00-1494)*		
26 05 36 00-1594	EA	6" Vertical Tee, Solid Bottom, 36" Radius, Steel Cable Tray	1,091.87	264.61
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*119.68*	
26 05 36 00-1595	EA	12" Vertical Tee, Solid Bottom, 36" Radius, Steel Cable Tray	1,242.64	347.71
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*128.44*	
26 05 36 00-1596	EA	18" Vertical Tee, Solid Bottom, 36" Radius, Steel Cable Tray	1,373.79	396.97
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*139.91*	
26 05 36 00-1597	EA	24" Vertical Tee, Solid Bottom, 36" Radius, Steel Cable Tray	1,450.49	428.26
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*146.20*	
26 05 36 00-1598	EA	30" Vertical Tee, Solid Bottom, 36" Radius, Steel Cable Tray	1,701.93	505.34
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*171.06*	
26 05 36 00-1599	EA	36" Vertical Tee, Solid Bottom, 36" Radius, Steel Cable Tray	1,834.47	555.41
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*182.60*	
26 05 36 00-1600		**12" Radius Horizontal Crosses** *(26 05 36 00-1494)*		
26 05 36 00-1601	EA	6" Horizontal Cross, Solid Bottom, 12" Radius, Steel Cable Tray	669.91	278.17
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*54.13*	
26 05 36 00-1602	EA	12" Horizontal Cross, Solid Bottom, 12" Radius, Steel Cable Tray	769.18	327.43
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*60.81*	
26 05 36 00-1603	EA	18" Horizontal Cross, Solid Bottom, 12" Radius, Steel Cable Tray	924.34	396.97
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*72.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1604	EA	24" Horizontal Cross, Solid Bottom, 12" Radius, Steel Cable Tray	1,067.41	463.61
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*82.84*	
26 05 36 00-1605	EA	30" Horizontal Cross, Solid Bottom, 12" Radius, Steel Cable Tray	1,254.85	555.41
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*95.65*	
26 05 36 00-1606	EA	36" Horizontal Cross, Solid Bottom, 12" Radius, Steel Cable Tray	1,392.20	618.69
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*105.71*	
26 05 36 00-1607		**24" Radius Horizontal Crosses** *(26 05 36 00-1494)*		
26 05 36 00-1608	EA	6" Horizontal Cross, Solid Bottom, 24" Radius, Steel Cable Tray	891.35	309.35
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*82.14*	
26 05 36 00-1609	EA	12" Horizontal Cross, Solid Bottom, 24" Radius, Steel Cable Tray	1,037.79	370.66
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*93.89*	
26 05 36 00-1610	EA	18" Horizontal Cross, Solid Bottom, 24" Radius, Steel Cable Tray	1,241.78	463.61
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*109.00*	
26 05 36 00-1611	EA	24" Horizontal Cross, Solid Bottom, 24" Radius, Steel Cable Tray	1,530.44	557.27
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*136.69*	
26 05 36 00-1612	EA	30" Horizontal Cross, Solid Bottom, 24" Radius, Steel Cable Tray	1,682.01	618.69
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*149.18*	
26 05 36 00-1613	EA	36" Horizontal Cross, Solid Bottom, 24" Radius, Steel Cable Tray	1,846.72	695.42
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*161.10*	
26 05 36 00-1614		**36" Radius Horizontal Crosses** *(26 05 36 00-1494)*		
26 05 36 00-1615	EA	6" Horizontal Cross, Solid Bottom, 36" Radius, Steel Cable Tray	1,193.52	347.71
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*121.08*	
26 05 36 00-1616	EA	12" Horizontal Cross, Solid Bottom, 36" Radius, Steel Cable Tray	1,389.09	428.26
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*136.99*	
26 05 36 00-1617	EA	18" Horizontal Cross, Solid Bottom, 36" Radius, Steel Cable Tray	1,665.52	557.27
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*156.96*	
26 05 36 00-1618	EA	24" Horizontal Cross, Solid Bottom, 36" Radius, Steel Cable Tray	1,903.05	618.69
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*182.34*	
26 05 36 00-1619	EA	30" Horizontal Cross, Solid Bottom, 36" Radius, Steel Cable Tray	2,104.60	695.42
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*199.79*	
26 05 36 00-1620	EA	36" Horizontal Cross, Solid Bottom, 36" Radius, Steel Cable Tray	2,330.06	793.83
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*217.20*	
26 05 36 00-1621		**Straight Reducers** *(26 05 36 00-1494)*		
26 05 36 00-1622	EA	12" To 6" Reducer, Solid Bottom, Steel Cable Tray	274.88	92.72
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*25.78*	
26 05 36 00-1623	EA	18" To 12" Reducer, Solid Bottom, Steel Cable Tray	297.46	104.77
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*27.15*	
26 05 36 00-1624	EA	24" To 18" Reducer, Solid Bottom, Steel Cable Tray	328.94	120.77
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*29.22*	
26 05 36 00-1625	EA	30" To 24" Reducer, Solid Bottom, Steel Cable Tray	369.35	139.08
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*32.22*	
26 05 36 00-1626	EA	36" To 30" Reducer, Solid Bottom, Steel Cable Tray	399.55	154.27
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*34.22*	
26 05 36 00-1627		**Reducers** *(26 05 36 00-1494)*		
26 05 36 00-1628	EA	18" To 6" Reducer, Solid Bottom, Steel Cable Tray	297.56	104.89
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*27.16*	
26 05 36 00-1629	EA	24" To 12" Reducer, Solid Bottom, Steel Cable Tray	326.91	121.00
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*28.87*	
26 05 36 00-1630	EA	30" To 12" Reducer, Solid Bottom, Steel Cable Tray	364.25	138.97
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*31.47*	
26 05 36 00-1631	EA	30" To 18" Reducer, Solid Bottom, Steel Cable Tray	366.52	138.85
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*31.83*	
26 05 36 00-1632	EA	36" To 12" Reducer, Solid Bottom, Steel Cable Tray	397.09	154.27
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*33.85*	
26 05 36 00-1633	EA	36" To 18" Reducer, Solid Bottom, Steel Cable Tray	399.55	154.27
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*34.22*	
26 05 36 00-1634	EA	36" To 24" Reducer, Solid Bottom, Steel Cable Tray	402.47	154.50
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*34.61*	
26 05 36 00-1635		**Dropout Or End Plate** *(26 05 36 00-1494)*		
26 05 36 00-1636	EA	6" Dropout Or End Plate, Solid Bottom, Steel Cable Tray	83.00	34.77
26 05 36 00-1637	EA	12" Dropout Or End Plate, Solid Bottom, Steel Cable Tray	101.89	42.42
26 05 36 00-1638	EA	18" Dropout Or End Plate, Solid Bottom, Steel Cable Tray	117.31	50.31
26 05 36 00-1639	EA	24" Dropout Or End Plate, Solid Bottom, Steel Cable Tray	132.14	55.64
26 05 36 00-1640	EA	30" Dropout Or End Plate, Solid Bottom, Steel Cable Tray	147.15	61.77
26 05 36 00-1641	EA	36" Dropout Or End Plate, Solid Bottom, Steel Cable Tray	163.19	69.54
26 05 36 00-1642		**Solid Bottom Aluminum Straight Cable Tray Sections** *(26 05 36 00-1486)*		
26 05 36 00-1643	LF	6" Solid Bottom Aluminum Cable Tray, Straight Section	27.20	7.30
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*2.86*	
26 05 36 00-1644	LF	12" Solid Bottom Aluminum Cable Tray, Straight Section	33.94	8.58
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*3.67*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1645	LF	18" Solid Bottom Aluminum Cable Tray, Straight Section	43.36	11.13
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*4.64*	
26 05 36 00-1646	LF	24" Solid Bottom Aluminum Cable Tray, Straight Section	51.62	12.29
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*5.70*	
26 05 36 00-1647	LF	30" Solid Bottom Aluminum Cable Tray, Straight Section	63.24	15.88
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*6.84*	
26 05 36 00-1648	LF	36" Solid Bottom Steel Aluminum Tray, Straight Section	75.26	17.39
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*8.39*	

26 05 36 00-1649 Solid Bottom Aluminum Cable Tray Fittings *(26 05 36 00-1486)*

26 05 36 00-1650 90 Degree, 12" Radius Horizontal Elbows *(26 05 36 00-1649)*

26 05 36 00-1651	EA	6" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray	314.05	116.02
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*27.78*	
26 05 36 00-1652	EA	12" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray	379.34	146.04
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*32.55*	
26 05 36 00-1653	EA	18" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray	438.62	163.54
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*38.53*	
26 05 36 00-1654	EA	24" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray	510.74	192.05
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*44.59*	
26 05 36 00-1655	EA	30" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray	603.56	222.89
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*53.39*	
26 05 36 00-1656	EA	36" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray	682.15	253.01
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*60.14*	

26 05 36 00-1657 90 Degree, 24" Radius Horizontal Elbows *(26 05 36 00-1649)*

26 05 36 00-1658	EA	6" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray	373.06	120.77
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*35.82*	
26 05 36 00-1659	EA	12" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray	461.57	154.73
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*43.46*	
26 05 36 00-1660	EA	18" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray	521.83	173.85
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*49.30*	
26 05 36 00-1661	EA	24" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray	630.10	205.96
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*60.18*	
26 05 36 00-1662	EA	30" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray	730.73	241.43
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*69.37*	
26 05 36 00-1663	EA	36" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray	840.96	278.17
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*79.78*	

26 05 36 00-1664 90 Degree, 36" Radius Horizontal Elbows *(26 05 36 00-1649)*

26 05 36 00-1665	EA	6" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray	464.99	126.22
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*48.72*	
26 05 36 00-1666	EA	12" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray	578.75	163.89
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*59.50*	
26 05 36 00-1667	EA	18" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray	671.84	185.79
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*69.82*	
26 05 36 00-1668	EA	24" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray	759.21	222.30
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*76.83*	
26 05 36 00-1669	EA	30" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray	881.31	265.07
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*88.03*	
26 05 36 00-1670	EA	36" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray	1,028.84	308.30
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*102.95*	

26 05 36 00-1671 45 Degree, 12" Radius Horizontal Elbows *(26 05 36 00-1649)*

26 05 36 00-1672	EA	6" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray	287.62	116.02
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*23.80*	
26 05 36 00-1673	EA	12" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray	349.45	146.04
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*28.07*	
26 05 36 00-1674	EA	18" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray	401.84	163.43
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*33.04*	
26 05 36 00-1675	EA	24" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray	468.11	191.70
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*38.27*	
26 05 36 00-1676	EA	30" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray	552.50	222.89
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*45.73*	
26 05 36 00-1677	EA	36" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray	623.64	252.32
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*51.49*	

26 05 36 00-1678 45 Degree, 24" Radius Horizontal Elbows *(26 05 36 00-1649)*

26 05 36 00-1679	EA	6" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray	335.43	120.89
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*30.16*	
26 05 36 00-1680	EA	12" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray	416.51	154.50
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*36.72*	
26 05 36 00-1681	EA	18" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray	471.35	174.20
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*41.67*	
26 05 36 00-1682	EA	24" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray	567.00	205.96
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*50.72*	
26 05 36 00-1683	EA	30" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray	659.63	242.12
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*58.59*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1684	EA	36" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray	757.94	278.17
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*67.33*	
26 05 36 00-1685		**45 Degree, 36" Radius Horizontal Elbows** *(26 05 36 00-1649)*		
26 05 36 00-1686	EA	6" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray	409.25	126.33
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*40.33*	
26 05 36 00-1687	EA	12" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray	511.00	163.54
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*49.39*	
26 05 36 00-1688	EA	18" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray	592.14	185.79
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*57.86*	
26 05 36 00-1689	EA	24" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray	674.65	222.89
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*64.05*	
26 05 36 00-1690	EA	30" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray	784.60	265.07
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*73.52*	
26 05 36 00-1691	EA	36" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray	917.34	309.35
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*86.04*	
26 05 36 00-1692		**90 Degree, 12" Radius Vertical Risers** *(26 05 36 00-1649)*		
26 05 36 00-1693	EA	6" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Aluminum Cable Tray	336.18	115.67
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*31.15*	
26 05 36 00-1694	EA	12" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Aluminum Cable Tray	392.54	146.04
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*34.53*	
26 05 36 00-1695	EA	18" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Aluminum Cable Tray	440.51	163.54
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*38.82*	
26 05 36 00-1696	EA	24" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Aluminum Cable Tray	497.53	192.05
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*42.61*	
26 05 36 00-1697	EA	30" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Aluminum Cable Tray	560.16	222.89
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*46.88*	
26 05 36 00-1698	EA	36" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Aluminum Cable Tray	614.88	252.32
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*50.18*	
26 05 36 00-1699		**90 Degree, 24" Radius Vertical Risers** *(26 05 36 00-1649)*		
26 05 36 00-1700	EA	6" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Aluminum Cable Tray	405.14	120.77
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*40.63*	
26 05 36 00-1701	EA	12" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Aluminum Cable Tray	478.55	154.73
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*46.00*	
26 05 36 00-1702	EA	18" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Aluminum Cable Tray	527.49	173.85
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*50.15*	
26 05 36 00-1703	EA	24" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Aluminum Cable Tray	601.79	205.96
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*55.94*	
26 05 36 00-1704	EA	30" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Aluminum Cable Tray	676.02	241.43
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*61.16*	
26 05 36 00-1705	EA	36" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Aluminum Cable Tray	765.49	278.17
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*68.46*	
26 05 36 00-1706		**90 Degree, 36" Radius Vertical Risers** *(26 05 36 00-1649)*		
26 05 36 00-1707	EA	6" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Aluminum Cable Tray	478.20	126.22
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*50.70*	
26 05 36 00-1708	EA	12" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Aluminum Cable Tray	574.98	163.89
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*58.94*	
26 05 36 00-1709	EA	18" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Aluminum Cable Tray	637.87	185.79
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*64.72*	
26 05 36 00-1710	EA	24" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Aluminum Cable Tray	712.04	222.30
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*69.75*	
26 05 36 00-1711	EA	30" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Aluminum Cable Tray	819.05	265.07
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*78.69*	
26 05 36 00-1712	EA	36" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Aluminum Cable Tray	906.20	308.30
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*84.55*	
26 05 36 00-1713		**12" Radius Horizontal Tees** *(26 05 36 00-1649)*		
26 05 36 00-1714	EA	6" Horizontal Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray	557.80	222.65
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*46.57*	
26 05 36 00-1715	EA	12" Horizontal Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray	646.96	252.32
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*54.99*	
26 05 36 00-1716	EA	18" Horizontal Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray	718.32	278.17
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*61.39*	
26 05 36 00-1717	EA	24" Horizontal Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray	800.48	309.35
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*68.51*	
26 05 36 00-1718	EA	30" Horizontal Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray	946.11	370.66
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*80.13*	
26 05 36 00-1719	EA	36" Horizontal Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray	1,150.04	463.61
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*95.24*	
26 05 36 00-1720		**24" Radius Horizontal Tees** *(26 05 36 00-1649)*		
26 05 36 00-1721	EA	6" Horizontal Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray	710.54	241.78
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*66.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1722	EA	12" Horizontal Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray	810.77	278.17
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*75.25*	
26 05 36 00-1723	EA	18" Horizontal Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray	907.11	308.76
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*84.60*	
26 05 36 00-1724	EA	24" Horizontal Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray	1,098.94	370.66
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*103.06*	
26 05 36 00-1725	EA	30" Horizontal Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray	1,319.85	463.61
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*120.71*	
26 05 36 00-1726	EA	36" Horizontal Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray	1,457.97	506.84
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*134.22*	

26 05 36 00-1727 36" Radius Horizontal Tees *(26 05 36 00-1649)*

26 05 36 00-1728	EA	6" Horizontal Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray	941.69	265.07
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*97.08*	
26 05 36 00-1729	EA	12" Horizontal Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray	1,061.83	308.76
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*107.81*	
26 05 36 00-1730	EA	18" Horizontal Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray	1,211.58	347.71
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*123.79*	
26 05 36 00-1731	EA	24" Horizontal Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray	1,447.77	427.11
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*145.97*	
26 05 36 00-1732	EA	30" Horizontal Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray	1,740.02	557.27
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*168.13*	
26 05 36 00-1733	EA	36" Horizontal Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray	1,936.81	618.69
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*187.40*	

26 05 36 00-1734 12" Radius Vertical Tees *(26 05 36 00-1649)*

26 05 36 00-1735	EA	6" Vertical Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray	637.04	222.65
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*58.46*	
26 05 36 00-1736	EA	12" Vertical Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray	692.85	252.67
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*61.81*	
26 05 36 00-1737	EA	18" Vertical Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray	724.04	264.61
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*64.50*	
26 05 36 00-1738	EA	24" Vertical Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray	764.75	277.70
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*68.43*	
26 05 36 00-1739	EA	30" Vertical Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray	842.96	308.76
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*74.98*	
26 05 36 00-1740	EA	36" Vertical Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray	964.98	370.66
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*82.97*	

26 05 36 00-1741 24" Radius Vertical Tees *(26 05 36 00-1649)*

26 05 36 00-1742	EA	6" Vertical Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray	795.44	241.78
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*79.02*	
26 05 36 00-1743	EA	12" Vertical Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray	878.69	278.17
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*85.44*	
26 05 36 00-1744	EA	18" Vertical Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray	931.20	292.66
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*90.90*	
26 05 36 00-1745	EA	24" Vertical Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray	995.79	308.76
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*97.90*	
26 05 36 00-1746	EA	30" Vertical Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray	1,107.81	347.71
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*108.22*	
26 05 36 00-1747	EA	36" Vertical Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray	1,268.53	427.11
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*119.09*	

26 05 36 00-1748 36" Radius Vertical Tees *(26 05 36 00-1649)*

26 05 36 00-1749	EA	6" Vertical Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray	1,054.22	264.61
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*114.03*	
26 05 36 00-1750	EA	12" Vertical Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray	1,149.84	305.06
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*121.64*	
26 05 36 00-1751	EA	18" Vertical Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray	1,223.89	326.85
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*129.12*	
26 05 36 00-1752	EA	24" Vertical Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray	1,277.62	347.71
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*133.69*	
26 05 36 00-1753	EA	30" Vertical Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray	1,416.25	396.97
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*146.28*	
26 05 36 00-1754	EA	36" Vertical Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray	925.35	505.34
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*54.57*	

26 05 36 00-1755 12" Radius Horizontal Crosses *(26 05 36 00-1649)*

26 05 36 00-1756	EA	6" Horizontal Cross, Solid Bottom, 12" Radius, Aluminum Cable Tray	658.89	252.67
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*56.72*	
26 05 36 00-1757	EA	12" Horizontal Cross, Solid Bottom, 12" Radius, Aluminum Cable Tray	731.53	278.17
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*63.37*	
26 05 36 00-1758	EA	18" Horizontal Cross, Solid Bottom, 12" Radius, Aluminum Cable Tray	850.31	326.85
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*73.08*	
26 05 36 00-1759	EA	24" Horizontal Cross, Solid Bottom, 12" Radius, Aluminum Cable Tray	1,008.71	396.97
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*85.15*	
26 05 36 00-1760	EA	30" Horizontal Cross, Solid Bottom, 12" Radius, Aluminum Cable Tray	1,104.38	427.11
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*94.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1761	EA	36" Horizontal Cross, Solid Bottom, 12" Radius, Aluminum Cable Tray	1,278.73	506.84
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*107.33*	
26 05 36 00-1762		**24" Radius Horizontal Crosses** *(26 05 36 00-1649)*		
26 05 36 00-1763	EA	6" Horizontal Cross, Solid Bottom, 24" Radius, Aluminum Cable Tray	879.43	278.63
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*85.48*	
26 05 36 00-1764	EA	12" Horizontal Cross, Solid Bottom, 24" Radius, Aluminum Cable Tray	995.79	308.76
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*97.90*	
26 05 36 00-1765	EA	18" Horizontal Cross, Solid Bottom, 24" Radius, Aluminum Cable Tray	1,140.45	370.66
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*109.29*	
26 05 36 00-1766	EA	24" Horizontal Cross, Solid Bottom, 24" Radius, Aluminum Cable Tray	1,406.82	464.88
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*133.55*	
26 05 36 00-1767	EA	30" Horizontal Cross, Solid Bottom, 24" Radius, Aluminum Cable Tray	1,542.88	506.84
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*146.95*	
26 05 36 00-1768	EA	36" Horizontal Cross, Solid Bottom, 24" Radius, Aluminum Cable Tray	1,757.57	618.69
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*160.52*	
26 05 36 00-1769		**36" Radius Horizontal Crosses** *(26 05 36 00-1649)*		
26 05 36 00-1770	EA	6" Horizontal Cross, Solid Bottom, 36" Radius, Aluminum Cable Tray	1,222.20	308.76
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*131.86*	
26 05 36 00-1771	EA	12" Horizontal Cross, Solid Bottom, 36" Radius, Aluminum Cable Tray	1,343.65	347.71
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*143.60*	
26 05 36 00-1772	EA	18" Horizontal Cross, Solid Bottom, 36" Radius, Aluminum Cable Tray	1,562.73	428.26
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*163.04*	
26 05 36 00-1773	EA	24" Horizontal Cross, Solid Bottom, 36" Radius, Aluminum Cable Tray	1,853.23	557.27
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*185.11*	
26 05 36 00-1774	EA	30" Horizontal Cross, Solid Bottom, 36" Radius, Aluminum Cable Tray	2,031.14	618.69
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*201.55*	
26 05 36 00-1775	EA	36" Horizontal Cross, Solid Bottom, 36" Radius, Aluminum Cable Tray	2,328.82	695.42
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*233.42*	
26 05 36 00-1776		**Straight Reducers** *(26 05 36 00-1649)*		
26 05 36 00-1777	EA	12" To 6" Reducer, Solid Bottom, Aluminum Cable Tray	249.54	79.51
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*24.18*	
26 05 36 00-1778	EA	18" To 12" Reducer, Solid Bottom, Aluminum Cable Tray	275.04	92.60
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*25.83*	
26 05 36 00-1779	EA	24" To 18" Reducer, Solid Bottom, Aluminum Cable Tray	302.96	104.77
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*27.98*	
26 05 36 00-1780	EA	30" To 24" Reducer, Solid Bottom, Aluminum Cable Tray	341.13	120.89
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*31.02*	
26 05 36 00-1781	EA	36" To 30" Reducer, Solid Bottom, Aluminum Cable Tray	378.61	138.85
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*33.65*	
26 05 36 00-1782		**Reducers** *(26 05 36 00-1649)*		
26 05 36 00-1783	EA	18" To 6" Reducer, Solid Bottom, Aluminum Cable Tray	273.24	92.60
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*25.55*	
26 05 36 00-1784	EA	24" To 12" Reducer, Solid Bottom, Aluminum Cable Tray	301.38	105.01
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*27.71*	
26 05 36 00-1785	EA	30" To 12" Reducer, Solid Bottom, Aluminum Cable Tray	337.22	120.77
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*30.45*	
26 05 36 00-1786	EA	30" To 18" Reducer, Solid Bottom, Aluminum Cable Tray	338.96	120.77
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*30.72*	
26 05 36 00-1787	EA	36" To 12" Reducer, Solid Bottom, Aluminum Cable Tray	378.61	138.85
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*33.65*	
26 05 36 00-1788	EA	36" To 18" Reducer, Solid Bottom, Aluminum Cable Tray	380.49	138.85
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*33.93*	
26 05 36 00-1789	EA	36" To 24" Reducer, Solid Bottom, Aluminum Cable Tray	384.64	139.08
		For 4-5/8" Overall Height Instead Of 3-5/8", Add	*34.52*	
26 05 36 00-1790		**Dropout Or End Plate** *(26 05 36 00-1649)*		
26 05 36 00-1791	EA	6" Dropout Or End Plate, Solid Bottom, Aluminum Cable Tray	81.82	34.77
26 05 36 00-1792	EA	12" Dropout Or End Plate, Solid Bottom, Aluminum Cable Tray	97.68	42.42
26 05 36 00-1793	EA	18" Dropout Or End Plate, Solid Bottom, Aluminum Cable Tray	116.17	50.31
26 05 36 00-1794	EA	24" Dropout Or End Plate, Solid Bottom, Aluminum Cable Tray	128.29	55.64
26 05 36 00-1795	EA	30" Dropout Or End Plate, Solid Bottom, Aluminum Cable Tray	144.45	61.77
26 05 36 00-1796	EA	36" Dropout Or End Plate, Solid Bottom, Aluminum Cable Tray	164.02	69.54
26 05 36 00-1797		**Vented Bottom Cable Tray** *(26 05 36 00-0001)*		
		Note: 6" Height.		
26 05 36 00-1798		**Vented Bottom Galvanized Steel Cable Tray** *(26 05 36 00-1797)*		
26 05 36 00-1799	LF	6" Vented Bottom Steel Cable Tray, Straight Section	40.27	12.17
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-3.01*	
26 05 36 00-1800	LF	12" Vented Bottom Steel Cable Tray, Straight Section	47.47	13.91
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-3.59*	
26 05 36 00-1801	LF	18" Vented Bottom Steel Cable Tray, Straight Section	55.95	16.00
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-4.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1802	LF	24" Vented Bottom Steel Cable Tray, Straight Section	64.22	18.31
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-4.89*	
26 05 36 00-1803	LF	30" Vented Bottom Steel Cable Tray, Straight Section	85.17	22.14
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-6.67*	
26 05 36 00-1804	LF	36" Vented Bottom Steel Cable Tray, Straight Section	100.40	27.81
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-7.72*	
26 05 36 00-1805		**Vented Bottom Galvanized Steel Cable Tray Fittings** *(26 05 36 00-1797)*		
26 05 36 00-1806		**90 Degree, 12" Radius Horizontal Elbows** *(26 05 36 00-1805)*		
26 05 36 00-1807	EA	6" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray	366.94	146.50
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-24.49*	
26 05 36 00-1808	EA	12" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray	476.18	198.20
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-31.10*	
26 05 36 00-1809	EA	18" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray	588.76	252.67
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-37.82*	
26 05 36 00-1810	EA	24" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray	722.21	309.35
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-46.44*	
26 05 36 00-1811	EA	30" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray	814.87	348.41
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-52.45*	
26 05 36 00-1812	EA	36" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray	933.98	397.78
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-60.25*	
26 05 36 00-1813		**90 Degree, 24" Radius Horizontal Elbows** *(26 05 36 00-1805)*		
26 05 36 00-1814	EA	6" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray	438.71	154.39
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-31.00*	
26 05 36 00-1815	EA	12" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray	565.77	214.07
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-38.74*	
26 05 36 00-1816	EA	18" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray	716.16	278.17
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-48.44*	
26 05 36 00-1817	EA	24" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray	864.22	347.71
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-57.45*	
26 05 36 00-1818	EA	30" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray	926.99	359.18
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-62.77*	
26 05 36 00-1819	EA	36" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray	1,153.82	463.61
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-76.75*	
26 05 36 00-1820		**90 Degree, 36" Radius Horizontal Elbows** *(26 05 36 00-1805)*		
26 05 36 00-1821	EA	6" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray	543.00	163.19
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-40.70*	
26 05 36 00-1822	EA	12" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray	696.81	232.16
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-50.34*	
26 05 36 00-1823	EA	18" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray	887.52	309.35
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-62.97*	
26 05 36 00-1824	EA	24" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray	1,054.15	396.97
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-72.34*	
26 05 36 00-1825	EA	30" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray	1,213.51	463.61
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-82.72*	
26 05 36 00-1826	EA	36" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray	1,417.08	555.41
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-95.42*	
26 05 36 00-1827		**45 Degree, 12" Radius Horizontal Elbows** *(26 05 36 00-1805)*		
26 05 36 00-1828	EA	6" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray	340.12	146.62
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-21.80*	
26 05 36 00-1829	EA	12" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray	444.11	198.20
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-27.89*	
26 05 36 00-1830	EA	18" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray	551.28	252.32
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-34.10*	
26 05 36 00-1831	EA	24" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray	675.84	308.76
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-41.85*	
26 05 36 00-1832	EA	30" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray	763.34	348.41
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-47.30*	
26 05 36 00-1833	EA	36" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray	872.87	396.97
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-54.21*	
26 05 36 00-1834		**45 Degree, 24" Radius Horizontal Elbows** *(26 05 36 00-1805)*		
26 05 36 00-1835	EA	6" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray	399.05	154.50
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-27.03*	
26 05 36 00-1836	EA	12" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray	519.81	214.07
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-34.14*	
26 05 36 00-1837	EA	18" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray	661.34	278.63
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-42.92*	
26 05 36 00-1838	EA	24" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray	801.58	347.71
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-51.18*	
26 05 36 00-1839	EA	30" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray	919.15	397.78
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-58.76*	
26 05 36 00-1840	EA	36" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray	1,069.97	463.61
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-68.36*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1841		**45 Degree, 36" Radius Horizontal Elbows** *(26 05 36 00-1805)*		
26 05 36 00-1842	EA	6" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray	483.91	163.54
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-34.76*	
26 05 36 00-1843	EA	12" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray	627.59	231.46
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-43.47*	
26 05 36 00-1844	EA	18" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray	805.69	309.35
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-54.79*	
26 05 36 00-1845	EA	24" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray	969.29	397.78
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-63.78*	
26 05 36 00-1846	EA	30" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray	1,116.53	463.61
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-73.02*	
26 05 36 00-1847	EA	36" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray	1,311.96	557.27
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-84.76*	
26 05 36 00-1848		**90 Degree, 12" Radius Vertical Risers** *(26 05 36 00-1805)*		
26 05 36 00-1849	EA	6" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Steel Cable Tray	401.91	146.04
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-28.02*	
26 05 36 00-1850	EA	12" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Steel Cable Tray	507.18	198.20
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-34.20*	
26 05 36 00-1851	EA	18" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Steel Cable Tray	600.24	252.67
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-38.97*	
26 05 36 00-1852	EA	24" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Steel Cable Tray	719.92	309.35
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-46.21*	
26 05 36 00-1853	EA	30" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Steel Cable Tray	789.61	348.41
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-49.93*	
26 05 36 00-1854	EA	36" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Steel Cable Tray	881.96	396.97
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-55.12*	
26 05 36 00-1855		**90 Degree, 24" Radius Vertical Risers** *(26 05 36 00-1805)*		
26 05 36 00-1856	EA	6" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Steel Cable Tray	484.63	154.39
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-35.60*	
26 05 36 00-1857	EA	12" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Steel Cable Tray	597.91	214.07
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-41.95*	
26 05 36 00-1858	EA	18" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Steel Cable Tray	729.94	278.17
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-49.81*	
26 05 36 00-1859	EA	24" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Steel Cable Tray	855.03	347.71
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-56.53*	
26 05 36 00-1860	EA	30" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Steel Cable Tray	971.50	396.97
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-64.07*	
26 05 36 00-1861	EA	36" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Steel Cable Tray	1,096.42	463.61
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-71.01*	
26 05 36 00-1862		**90 Degree, 36" Radius Vertical Risers** *(26 05 36 00-1805)*		
26 05 36 00-1863	EA	6" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Steel Cable Tray	579.74	163.19
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-44.37*	
26 05 36 00-1864	EA	12" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Steel Cable Tray	712.88	232.16
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-51.95*	
26 05 36 00-1865	EA	18" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Steel Cable Tray	878.34	309.35
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-62.06*	
26 05 36 00-1866	EA	24" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Steel Cable Tray	1,049.56	396.97
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-71.88*	
26 05 36 00-1867	EA	30" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Steel Cable Tray	1,169.89	463.61
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-78.35*	
26 05 36 00-1868	EA	36" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Steel Cable Tray	1,366.57	555.41
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-90.37*	
26 05 36 00-1869		**12" Radius Horizontal Tees** *(26 05 36 00-1805)*		
26 05 36 00-1870	EA	6" Horizontal Tee, Vented Bottom, 12" Radius, Steel Cable Tray	649.58	278.17
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-41.78*	
26 05 36 00-1871	EA	12" Horizontal Tee, Vented Bottom, 12" Radius, Steel Cable Tray	784.99	347.01
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-49.58*	
26 05 36 00-1872	EA	18" Horizontal Tee, Vented Bottom, 12" Radius, Steel Cable Tray	897.25	397.78
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-56.57*	
26 05 36 00-1873	EA	24" Horizontal Tee, Vented Bottom, 12" Radius, Steel Cable Tray	1,043.61	463.61
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-65.73*	
26 05 36 00-1874	EA	30" Horizontal Tee, Vented Bottom, 12" Radius, Steel Cable Tray	1,152.28	505.34
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-73.11*	
26 05 36 00-1875	EA	36" Horizontal Tee, Vented Bottom, 12" Radius, Steel Cable Tray	1,265.55	555.41
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-80.27*	
26 05 36 00-1876		**24" Radius Horizontal Tees** *(26 05 36 00-1805)*		
26 05 36 00-1877	EA	6" Horizontal Tee, Vented Bottom, 24" Radius, Steel Cable Tray	822.33	308.76
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-56.50*	
26 05 36 00-1878	EA	12" Horizontal Tee, Vented Bottom, 24" Radius, Steel Cable Tray	996.76	396.97
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-66.60*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1879	EA	18" Horizontal Tee, Vented Bottom, 24" Radius, Steel Cable Tray	1,146.93	463.61
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-76.06*	
26 05 36 00-1880	EA	24" Horizontal Tee, Vented Bottom, 24" Radius, Steel Cable Tray	1,412.49	555.41
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-94.96*	
26 05 36 00-1881	EA	30" Horizontal Tee, Vented Bottom, 24" Radius, Steel Cable Tray	1,559.23	618.69
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-104.36*	
26 05 36 00-1882	EA	36" Horizontal Tee, Vented Bottom, 24" Radius, Steel Cable Tray	1,742.21	695.42
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-116.27*	
26 05 36 00-1883		**36" Radius Horizontal Tees** *(26 05 36 00-1805)*		
26 05 36 00-1884	EA	6" Horizontal Tee, Vented Bottom, 36" Radius, Steel Cable Tray	1,020.34	347.71
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-73.06*	
26 05 36 00-1885	EA	12" Horizontal Tee, Vented Bottom, 36" Radius, Steel Cable Tray	1,275.50	463.61
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-88.92*	
26 05 36 00-1886	EA	18" Horizontal Tee, Vented Bottom, 36" Radius, Steel Cable Tray	1,477.45	557.27
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-101.31*	
26 05 36 00-1887	EA	24" Horizontal Tee, Vented Bottom, 36" Radius, Steel Cable Tray	1,820.27	695.42
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-124.08*	
26 05 36 00-1888	EA	30" Horizontal Tee, Vented Bottom, 36" Radius, Steel Cable Tray	2,029.43	797.53
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-136.48*	
26 05 36 00-1889	EA	36" Horizontal Tee, Vented Bottom, 36" Radius, Steel Cable Tray	2,367.81	924.80
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-159.72*	
26 05 36 00-1890		**12" Radius Vertical Tees** *(26 05 36 00-1805)*		
26 05 36 00-1891	EA	6" Vertical Tee, Vented Bottom, 12" Radius, Steel Cable Tray	773.56	278.17
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-54.18*	
26 05 36 00-1892	EA	12" Vertical Tee, Vented Bottom, 12" Radius, Steel Cable Tray	894.06	347.71
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-60.43*	
26 05 36 00-1893	EA	18" Vertical Tee, Vented Bottom, 12" Radius, Steel Cable Tray	939.25	370.66
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-63.03*	
26 05 36 00-1894	EA	24" Vertical Tee, Vented Bottom, 12" Radius, Steel Cable Tray	1,001.35	396.97
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-67.06*	
26 05 36 00-1895	EA	30" Vertical Tee, Vented Bottom, 12" Radius, Steel Cable Tray	1,074.15	428.26
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-71.73*	
26 05 36 00-1896	EA	36" Vertical Tee, Vented Bottom, 12" Radius, Steel Cable Tray	1,209.68	505.34
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-78.85*	
26 05 36 00-1897		**24" Radius Vertical Tees** *(26 05 36 00-1805)*		
26 05 36 00-1898	EA	6" Vertical Tee, Vented Bottom, 24" Radius, Steel Cable Tray	930.23	308.76
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-67.29*	
26 05 36 00-1899	EA	12" Vertical Tee, Vented Bottom, 24" Radius, Steel Cable Tray	1,097.78	396.97
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-76.70*	
26 05 36 00-1900	EA	18" Vertical Tee, Vented Bottom, 24" Radius, Steel Cable Tray	1,170.58	428.26
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-81.37*	
26 05 36 00-1901	EA	24" Vertical Tee, Vented Bottom, 24" Radius, Steel Cable Tray	1,264.02	463.61
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-87.77*	
26 05 36 00-1902	EA	30" Vertical Tee, Vented Bottom, 24" Radius, Steel Cable Tray	1,358.92	505.34
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-93.78*	
26 05 36 00-1903	EA	36" Vertical Tee, Vented Bottom, 24" Radius, Steel Cable Tray	1,591.38	618.69
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-107.58*	
26 05 36 00-1904		**36" Radius Vertical Tees** *(26 05 36 00-1805)*		
26 05 36 00-1905	EA	6" Vertical Tee, Vented Bottom, 36" Radius, Steel Cable Tray	1,239.59	347.01
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-95.04*	
26 05 36 00-1906	EA	12" Vertical Tee, Vented Bottom, 36" Radius, Steel Cable Tray	1,449.99	463.61
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-106.36*	
26 05 36 00-1907	EA	18" Vertical Tee, Vented Bottom, 36" Radius, Steel Cable Tray	1,542.59	505.34
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-112.14*	
26 05 36 00-1908	EA	24" Vertical Tee, Vented Bottom, 36" Radius, Steel Cable Tray	1,674.90	557.27
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-121.05*	
26 05 36 00-1909	EA	30" Vertical Tee, Vented Bottom, 36" Radius, Steel Cable Tray	1,892.15	618.69
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-137.66*	
26 05 36 00-1910	EA	36" Vertical Tee, Vented Bottom, 36" Radius, Steel Cable Tray	2,195.56	793.83
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-153.40*	
26 05 36 00-1911		**12" Radius Horizontal Crosses** *(26 05 36 00-1805)*		
26 05 36 00-1912	EA	6" Horizontal Cross, Vented Bottom, 12" Radius, Steel Cable Tray	818.30	347.71
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-52.85*	
26 05 36 00-1913	EA	12" Horizontal Cross, Vented Bottom, 12" Radius, Steel Cable Tray	904.13	397.78
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-57.26*	
26 05 36 00-1914	EA	18" Horizontal Cross, Vented Bottom, 12" Radius, Steel Cable Tray	1,041.31	463.61
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-65.50*	
26 05 36 00-1915	EA	24" Horizontal Cross, Vented Bottom, 12" Radius, Steel Cable Tray	1,208.15	555.41
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-74.53*	
26 05 36 00-1916	EA	30" Horizontal Cross, Vented Bottom, 12" Radius, Steel Cable Tray	1,344.36	616.50
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-83.06*	
26 05 36 00-1917	EA	36" Horizontal Cross, Vented Bottom, 12" Radius, Steel Cable Tray	1,514.91	695.42
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-93.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1918		**24" Radius Horizontal Crosses** *(26 05 36 00-1805)*		
26 05 36 00-1919	EA	6" Horizontal Cross, Vented Bottom, 24" Radius, Steel Cable Tray	1,037.30	397.78
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-70.58*	
26 05 36 00-1920	EA	12" Horizontal Cross, Vented Bottom, 24" Radius, Steel Cable Tray	1,165.29	463.61
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-77.89*	
26 05 36 00-1921	EA	18" Horizontal Cross, Vented Bottom, 24" Radius, Steel Cable Tray	1,357.39	555.41
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-89.45*	
26 05 36 00-1922	EA	24" Horizontal Cross, Vented Bottom, 24" Radius, Steel Cable Tray	1,707.77	695.42
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-112.83*	
26 05 36 00-1923	EA	30" Horizontal Cross, Vented Bottom, 24" Radius, Steel Cable Tray	1,929.23	793.83
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-126.77*	
26 05 36 00-1924	EA	36" Horizontal Cross, Vented Bottom, 24" Radius, Steel Cable Tray	2,184.13	924.80
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-141.35*	
26 05 36 00-1925		**36" Radius Horizontal Crosses** *(26 05 36 00-1805)*		
26 05 36 00-1926	EA	6" Horizontal Cross, Vented Bottom, 36" Radius, Steel Cable Tray	1,404.07	463.61
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-101.77*	
26 05 36 00-1927	EA	12" Horizontal Cross, Vented Bottom, 36" Radius, Steel Cable Tray	1,592.25	557.27
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-112.79*	
26 05 36 00-1928	EA	18" Horizontal Cross, Vented Bottom, 36" Radius, Steel Cable Tray	1,836.34	695.42
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-125.68*	
26 05 36 00-1929	EA	24" Horizontal Cross, Vented Bottom, 36" Radius, Steel Cable Tray	2,364.57	929.66
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-158.98*	
26 05 36 00-1930	EA	30" Horizontal Cross, Vented Bottom, 36" Radius, Steel Cable Tray	2,752.83	1,114.42
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-182.41*	
26 05 36 00-1931	EA	36" Horizontal Cross, Vented Bottom, 36" Radius, Steel Cable Tray	3,282.36	1,390.85
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-212.33*	
26 05 36 00-1932		**Straight Reducers** *(26 05 36 00-1805)*		
26 05 36 00-1933	EA	12" To 6" Reducer, Vented Bottom, Steel Cable Tray	313.33	118.45
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-21.46*	
26 05 36 00-1934	EA	18" To 12" Reducer, Vented Bottom, Steel Cable Tray	341.06	132.37
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-23.08*	
26 05 36 00-1935	EA	24" To 18" Reducer, Vented Bottom, Steel Cable Tray	385.67	154.27
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-25.71*	
26 05 36 00-1936	EA	30" To 24" Reducer, Vented Bottom, Steel Cable Tray	422.92	173.85
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-27.80*	
26 05 36 00-1937	EA	36" To 30" Reducer, Vented Bottom, Steel Cable Tray	461.47	191.47
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-30.19*	
26 05 36 00-1938		**Reducers** *(26 05 36 00-1805)*		
26 05 36 00-1939	EA	18" To 6" Reducer, Vented Bottom, Steel Cable Tray	341.06	132.37
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-23.08*	
26 05 36 00-1940	EA	24" To 12" Reducer, Vented Bottom, Steel Cable Tray	383.85	154.50
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-25.51*	
26 05 36 00-1941	EA	30" To 12" Reducer, Vented Bottom, Steel Cable Tray	420.34	173.62
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-27.56*	
26 05 36 00-1942	EA	30" To 18" Reducer, Vented Bottom, Steel Cable Tray	422.34	173.51
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-27.78*	
26 05 36 00-1943	EA	36" To 12" Reducer, Vented Bottom, Steel Cable Tray	459.17	191.47
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-29.96*	
26 05 36 00-1944	EA	36" To 18" Reducer, Vented Bottom, Steel Cable Tray	461.47	191.47
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-30.19*	
26 05 36 00-1945	EA	36" To 24" Reducer, Vented Bottom, Steel Cable Tray	464.46	191.93
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-30.46*	
26 05 36 00-1946		**Dropout Or End Plate** *(26 05 36 00-1805)*		
26 05 36 00-1947	EA	6" Dropout Or End Plate, Vented Bottom, Steel Cable Tray	98.95	42.77
26 05 36 00-1948	EA	12" Dropout Or End Plate, Vented Bottom, Steel Cable Tray	117.43	50.19
26 05 36 00-1949	EA	18" Dropout Or End Plate, Vented Bottom, Steel Cable Tray	129.42	55.40
26 05 36 00-1950	EA	24" Dropout Or End Plate, Vented Bottom, Steel Cable Tray	145.64	61.77
26 05 36 00-1951	EA	30" Dropout Or End Plate, Vented Bottom, Steel Cable Tray	161.46	69.43
26 05 36 00-1952	EA	36" Dropout Or End Plate, Vented Bottom, Steel Cable Tray	188.89	82.99
26 05 36 00-1953		**Vented Bottom Aluminum Cable Tray** *(26 05 36 00-1797)*		
26 05 36 00-1954	LF	6" Vented Bottom Aluminum Cable Tray, Straight Section	37.49	9.04
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-2.99*	
26 05 36 00-1955	LF	9" Vented Bottom Aluminum Cable Tray, Straight Section	41.62	9.96
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-3.34*	
26 05 36 00-1956	LF	12" Vented Bottom Aluminum Cable Tray, Straight Section	46.57	11.13
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-3.73*	
26 05 36 00-1957	LF	18" Vented Bottom Aluminum Cable Tray, Straight Section	54.33	12.40
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-4.40*	
26 05 36 00-1958	LF	24" Vented Bottom Aluminum Cable Tray, Straight Section	62.44	13.79
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-5.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1959	LF	30" Vented Bottom Aluminum Cable Tray, Straight Section	79.60	15.88
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-6.64*	
26 05 36 00-1960	LF	36" Vented Bottom Aluminum Cable Tray, Straight Section	88.41	18.66
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-7.29*	
26 05 36 00-1961		**Vented Bottom Aluminum Cable Tray Fittings** *(26 05 36 00-1797)*		
26 05 36 00-1962		**90 Degree, 12" Radius Horizontal Elbows** *(26 05 36 00-1961)*		
26 05 36 00-1963	EA	6" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray	425.73	146.50
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-30.37*	
26 05 36 00-1964	EA	9" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray	462.51	159.02
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-33.00*	
26 05 36 00-1965	EA	12" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray	508.98	179.07
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-35.98*	
26 05 36 00-1966	EA	18" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray	575.56	198.43
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-41.02*	
26 05 36 00-1967	EA	24" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray	687.83	242.12
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-48.61*	
26 05 36 00-1968	EA	30" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray	814.42	278.63
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-58.22*	
26 05 36 00-1969	EA	36" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray	897.24	309.35
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-63.95*	
26 05 36 00-1970		**90 Degree, 24" Radius Horizontal Elbows** *(26 05 36 00-1961)*		
26 05 36 00-1971	EA	6" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray	520.54	154.39
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-39.19*	
26 05 36 00-1972	EA	12" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray	627.78	191.93
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-46.79*	
26 05 36 00-1973	EA	18" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray	712.17	214.07
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-53.38*	
26 05 36 00-1974	EA	24" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray	846.37	264.61
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-62.59*	
26 05 36 00-1975	EA	30" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray	977.01	308.30
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-72.01*	
26 05 36 00-1976	EA	36" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray	1,079.62	347.71
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-78.99*	
26 05 36 00-1977		**90 Degree, 36" Radius Horizontal Elbows** *(26 05 36 00-1961)*		
26 05 36 00-1978	EA	6" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray	643.21	163.19
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-50.72*	
26 05 36 00-1979	EA	12" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray	767.49	206.20
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-59.56*	
26 05 36 00-1980	EA	18" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray	868.54	232.16
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-67.51*	
26 05 36 00-1981	EA	24" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray	1,014.23	292.66
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-77.03*	
26 05 36 00-1982	EA	30" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray	1,091.24	283.62
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-85.49*	
26 05 36 00-1983	EA	36" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray	1,332.74	396.97
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-100.20*	
26 05 36 00-1984		**45 Degree, 12" Radius Horizontal Elbows** *(26 05 36 00-1961)*		
26 05 36 00-1985	EA	6" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray	385.97	146.62
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-26.38*	
26 05 36 00-1986	EA	9" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray	419.32	159.25
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-28.67*	
26 05 36 00-1987	EA	12" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray	462.65	179.07
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-31.34*	
26 05 36 00-1988	EA	18" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray	521.32	198.20
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-35.61*	
26 05 36 00-1989	EA	24" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray	624.73	241.78
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-42.32*	
26 05 36 00-1990	EA	30" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray	737.41	278.63
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-50.52*	
26 05 36 00-1991	EA	36" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray	812.36	308.76
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-55.50*	
26 05 36 00-1992		**45 Degree, 24" Radius Horizontal Elbows** *(26 05 36 00-1961)*		
26 05 36 00-1993	EA	6" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray	462.87	154.50
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-33.41*	
26 05 36 00-1994	EA	12" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray	560.03	191.93
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-40.01*	
26 05 36 00-1995	EA	18" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray	634.45	214.43
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-45.58*	
26 05 36 00-1996	EA	24" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray	757.87	265.07
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-53.70*	
26 05 36 00-1997	EA	30" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray	876.92	309.35
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-61.91*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1998	EA	36" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray	969.60	347.71
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-67.98*	

26 05 36 00-1999 45 Degree, 36" Radius Horizontal Elbows *(26 05 36 00-1961)*

26 05 36 00-2000	EA	6" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray	562.07	163.54
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-42.58*	
26 05 36 00-2001	EA	12" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray	673.45	205.73
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-50.20*	
26 05 36 00-2002	EA	18" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray	762.57	232.16
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-56.91*	
26 05 36 00-2003	EA	24" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray	899.24	293.24
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-65.49*	
26 05 36 00-2004	EA	30" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray	1,028.15	327.43
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-75.53*	
26 05 36 00-2005	EA	36" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray	1,186.59	397.78
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-85.51*	

26 05 36 00-2006 90 Degree, 12" Radius Vertical Risers *(26 05 36 00-1961)*

26 05 36 00-2007	EA	6" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Aluminum Cable Tray	464.59	146.04
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-34.28*	
26 05 36 00-2008	EA	9" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Aluminum Cable Tray	498.64	158.68
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-36.65*	
26 05 36 00-2009	EA	12" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Aluminum Cable Tray	535.30	179.07
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-38.61*	
26 05 36 00-2010	EA	18" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Aluminum Cable Tray	575.56	198.43
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-41.02*	
26 05 36 00-2011	EA	24" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Aluminum Cable Tray	674.67	242.12
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-47.29*	
26 05 36 00-2012	EA	30" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Aluminum Cable Tray	748.62	278.63
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-51.64*	
26 05 36 00-2013	EA	36" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Aluminum Cable Tray	801.57	308.76
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-54.42*	

26 05 36 00-2014 90 Degree, 24" Radius Vertical Risers *(26 05 36 00-1961)*

26 05 36 00-2015	EA	6" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Aluminum Cable Tray	554.76	154.39
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-42.61*	
26 05 36 00-2016	EA	12" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Aluminum Cable Tray	643.57	191.93
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-48.37*	
26 05 36 00-2017	EA	18" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Aluminum Cable Tray	709.54	214.07
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-53.11*	
26 05 36 00-2018	EA	24" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Aluminum Cable Tray	799.67	265.07
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-57.88*	
26 05 36 00-2019	EA	30" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Aluminum Cable Tray	891.06	308.76
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-63.37*	
26 05 36 00-2020	EA	36" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Aluminum Cable Tray	974.34	347.71
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-68.46*	

26 05 36 00-2021 90 Degree, 36" Radius Vertical Risers *(26 05 36 00-1961)*

26 05 36 00-2022	EA	6" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Aluminum Cable Tray	640.58	163.19
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-50.45*	
26 05 36 00-2023	EA	12" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Aluminum Cable Tray	738.54	206.20
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-56.67*	
26 05 36 00-2024	EA	18" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Aluminum Cable Tray	829.05	232.16
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-63.56*	
26 05 36 00-2025	EA	24" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Aluminum Cable Tray	966.85	292.66
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-72.29*	
26 05 36 00-2026	EA	30" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Aluminum Cable Tray	1,072.10	327.43
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-79.93*	
26 05 36 00-2027	EA	36" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Aluminum Cable Tray	1,203.76	396.97
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-87.30*	

26 05 36 00-2028 12" Radius Horizontal Tees *(26 05 36 00-1961)*

26 05 36 00-2029	EA	6" Horizontal Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray	739.98	278.17
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-50.82*	
26 05 36 00-2030	EA	9" Horizontal Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray	772.08	292.66
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-52.82*	
26 05 36 00-2031	EA	12" Horizontal Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray	821.72	308.30
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-56.48*	
26 05 36 00-2032	EA	18" Horizontal Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray	938.65	348.41
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-64.83*	
26 05 36 00-2033	EA	24" Horizontal Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray	1,072.16	396.97
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-74.14*	
26 05 36 00-2034	EA	30" Horizontal Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray	1,212.25	463.61
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-82.59*	
26 05 36 00-2035	EA	36" Horizontal Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray	1,342.43	505.34
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-92.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2036		**24" Radius Horizontal Tees** *(26 05 36 00-1961)*		
26 05 36 00-2037	EA	6" Horizontal Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray	935.81	308.76
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-67.85*	
26 05 36 00-2038	EA	12" Horizontal Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray	1,057.40	347.01
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-76.82*	
26 05 36 00-2039	EA	18" Horizontal Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray	1,187.97	396.97
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-85.72*	
26 05 36 00-2040	EA	24" Horizontal Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray	1,428.66	462.34
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-104.33*	
26 05 36 00-2041	EA	30" Horizontal Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray	1,639.39	557.27
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-117.50*	
26 05 36 00-2042	EA	36" Horizontal Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray	1,860.28	618.69
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-134.47*	
26 05 36 00-2043		**36" Radius Horizontal Tees** *(26 05 36 00-1961)*		
26 05 36 00-2044	EA	6" Horizontal Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray	1,255.97	347.71
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-96.62*	
26 05 36 00-2045	EA	12" Horizontal Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray	1,438.02	396.97
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-110.72*	
26 05 36 00-2046	EA	18" Horizontal Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray	1,527.10	387.24
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-120.44*	
26 05 36 00-2047	EA	24" Horizontal Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray	1,952.27	555.41
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-148.94*	
26 05 36 00-2048	EA	30" Horizontal Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray	2,256.02	698.20
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-167.42*	
26 05 36 00-2049	EA	36" Horizontal Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray	2,586.51	793.83
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-192.50*	
26 05 36 00-2050		**12" Radius Vertical Tees** *(26 05 36 00-1961)*		
26 05 36 00-2051	EA	6" Vertical Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray	842.63	278.17
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-61.08*	
26 05 36 00-2052	EA	9" Vertical Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray	869.47	292.66
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-62.56*	
26 05 36 00-2053	EA	12" Vertical Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray	925.28	308.76
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-66.79*	
26 05 36 00-2054	EA	18" Vertical Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray	958.92	327.43
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-68.61*	
26 05 36 00-2055	EA	24" Vertical Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray	1,002.13	347.01
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-71.30*	
26 05 36 00-2056	EA	30" Vertical Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray	1,060.01	370.66
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-75.11*	
26 05 36 00-2057	EA	36" Vertical Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray	1,172.56	427.11
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-81.66*	
26 05 36 00-2058		**24" Radius Vertical Tees** *(26 05 36 00-1961)*		
26 05 36 00-2059	EA	6" Vertical Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray	1,051.62	308.76
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-79.43*	
26 05 36 00-2060	EA	12" Vertical Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray	1,157.42	347.01
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-86.82*	
26 05 36 00-2061	EA	18" Vertical Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray	1,236.37	370.66
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-92.75*	
26 05 36 00-2062	EA	24" Vertical Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray	1,319.58	396.97
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-98.88*	
26 05 36 00-2063	EA	30" Vertical Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray	1,422.61	427.11
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-106.66*	
26 05 36 00-2064	EA	36" Vertical Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray	1,568.61	506.84
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-114.62*	
26 05 36 00-2065		**36" Radius Vertical Tees** *(26 05 36 00-1961)*		
26 05 36 00-2066	EA	6" Vertical Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray	1,407.47	347.01
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-111.83*	
26 05 36 00-2067	EA	12" Vertical Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray	1,543.31	396.97
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-121.25*	
26 05 36 00-2068	EA	18" Vertical Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray	1,620.02	427.11
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-126.41*	
26 05 36 00-2069	EA	24" Vertical Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray	1,748.64	464.88
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-136.13*	
26 05 36 00-2070	EA	30" Vertical Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray	1,897.62	506.84
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-147.52*	
26 05 36 00-2071	EA	36" Vertical Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray	2,133.01	616.50
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-161.93*	
26 05 36 00-2072		**12" Radius Horizontal Crosses** *(26 05 36 00-1961)*		
26 05 36 00-2073	EA	6" Horizontal Cross, Vented Bottom, 12" Radius, Aluminum Cable Tray	859.48	308.76
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-60.21*	
26 05 36 00-2074	EA	9" Horizontal Cross, Vented Bottom, 12" Radius, Aluminum Cable Tray	914.18	327.43
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-64.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2075	EA	12" Horizontal Cross, Vented Bottom, 12" Radius, Aluminum Cable Tray	959.70	348.41
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-66.94*	
26 05 36 00-2076	EA	18" Horizontal Cross, Vented Bottom, 12" Radius, Aluminum Cable Tray	1,059.00	396.97
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-72.82*	
26 05 36 00-2077	EA	24" Horizontal Cross, Vented Bottom, 12" Radius, Aluminum Cable Tray	1,212.82	462.34
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-82.75*	
26 05 36 00-2078	EA	30" Horizontal Cross, Vented Bottom, 12" Radius, Aluminum Cable Tray	1,376.83	503.94
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-95.69*	
26 05 36 00-2079	EA	36" Horizontal Cross, Vented Bottom, 12" Radius, Aluminum Cable Tray	1,678.67	618.69
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-116.31*	

26 05 36 00-2080 24" Radius Horizontal Crosses *(26 05 36 00-1961)*

26 05 36 00-2081	EA	6" Horizontal Cross, Vented Bottom, 24" Radius, Aluminum Cable Tray	1,199.23	348.41
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-90.89*	
26 05 36 00-2082	EA	12" Horizontal Cross, Vented Bottom, 24" Radius, Aluminum Cable Tray	1,338.00	396.97
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-100.72*	
26 05 36 00-2083	EA	18" Horizontal Cross, Vented Bottom, 24" Radius, Aluminum Cable Tray	1,499.72	462.34
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-111.44*	
26 05 36 00-2084	EA	24" Horizontal Cross, Vented Bottom, 24" Radius, Aluminum Cable Tray	1,768.03	555.41
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-130.52*	
26 05 36 00-2085	EA	30" Horizontal Cross, Vented Bottom, 24" Radius, Aluminum Cable Tray	1,935.60	616.50
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-142.18*	
26 05 36 00-2086	EA	36" Horizontal Cross, Vented Bottom, 24" Radius, Aluminum Cable Tray	2,349.62	793.83
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-168.81*	

26 05 36 00-2087 36" Radius Horizontal Crosses *(26 05 36 00-1961)*

26 05 36 00-2088	EA	6" Horizontal Cross, Vented Bottom, 36" Radius, Aluminum Cable Tray	1,674.91	396.97
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-134.41*	
26 05 36 00-2089	EA	12" Horizontal Cross, Vented Bottom, 36" Radius, Aluminum Cable Tray	1,853.93	464.88
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-146.66*	
26 05 36 00-2090	EA	18" Horizontal Cross, Vented Bottom, 36" Radius, Aluminum Cable Tray	2,097.04	555.41
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-163.42*	
26 05 36 00-2091	EA	24" Horizontal Cross, Vented Bottom, 36" Radius, Aluminum Cable Tray	2,519.23	698.20
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-193.74*	
26 05 36 00-2092	EA	30" Horizontal Cross, Vented Bottom, 36" Radius, Aluminum Cable Tray	2,803.15	797.53
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-213.86*	
26 05 36 00-2093	EA	36" Horizontal Cross, Vented Bottom, 36" Radius, Aluminum Cable Tray	3,252.14	924.80
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-248.15*	

26 05 36 00-2094 Straight Reducers *(26 05 36 00-1961)*

26 05 36 00-2095	EA	9" To 6" Reducer, Vented Bottom, Aluminum Cable Tray	323.08	92.72
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-24.58*	
26 05 36 00-2096	EA	12" To 9" Reducer, Vented Bottom, Aluminum Cable Tray	339.14	97.71
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-25.77*	
26 05 36 00-2097	EA	18" To 12" Reducer, Vented Bottom, Aluminum Cable Tray	382.56	115.79
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-28.60*	
26 05 36 00-2098	EA	24" To 18" Reducer, Vented Bottom, Aluminum Cable Tray	423.02	132.25
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-31.28*	
26 05 36 00-2099	EA	30" To 24" Reducer, Vented Bottom, Aluminum Cable Tray	465.51	154.50
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-33.67*	
26 05 36 00-2100	EA	36" To 30" Reducer, Vented Bottom, Aluminum Cable Tray	505.01	173.51
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-36.04*	

26 05 36 00-2101 Reducers *(26 05 36 00-1961)*

26 05 36 00-2102	EA	12" To 6" Reducer, Vented Bottom, Aluminum Cable Tray	338.87	97.48
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-25.76*	
26 05 36 00-2103	EA	18" To 6" Reducer, Vented Bottom, Aluminum Cable Tray	382.43	115.79
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-28.60*	
26 05 36 00-2104	EA	18" To 9" Reducer, Vented Bottom, Aluminum Cable Tray	382.43	115.79
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-28.60*	
26 05 36 00-2105	EA	24" To 6" Reducer, Vented Bottom, Aluminum Cable Tray	423.19	132.37
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-31.29*	
26 05 36 00-2106	EA	24" To 9" Reducer, Vented Bottom, Aluminum Cable Tray	423.19	132.37
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-31.29*	
26 05 36 00-2107	EA	24" To 12" Reducer, Vented Bottom, Aluminum Cable Tray	423.52	132.48
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-31.31*	
26 05 36 00-2108	EA	30" To 12" Reducer, Vented Bottom, Aluminum Cable Tray	470.53	154.39
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-34.19*	
26 05 36 00-2109	EA	30" To 18" Reducer, Vented Bottom, Aluminum Cable Tray	465.04	154.27
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-33.65*	
26 05 36 00-2110	EA	36" To 12" Reducer, Vented Bottom, Aluminum Cable Tray	505.01	173.51
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-36.04*	
26 05 36 00-2111	EA	36" To 18" Reducer, Vented Bottom, Aluminum Cable Tray	505.01	173.51
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-36.04*	
26 05 36 00-2112	EA	36" To 24" Reducer, Vented Bottom, Aluminum Cable Tray	505.59	173.85
		For 4-5/8" Overall Height Instead Of 6", Deduct	*-36.07*	

26 05 36 00-2113 Dropout Or End Plate *(26 05 36 00-1961)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2114	EA	6" Dropout Or End Plate, Vented Bottom, Aluminum Cable Tray	105.76	42.77
26 05 36 00-2115	EA	9" Dropout Or End Plate, Vented Bottom, Aluminum Cable Tray	115.41	46.71
26 05 36 00-2116	EA	12" Dropout Or End Plate, Vented Bottom, Aluminum Cable Tray	124.37	50.19
26 05 36 00-2117	EA	18" Dropout Or End Plate, Vented Bottom, Aluminum Cable Tray	141.43	55.40
26 05 36 00-2118	EA	24" Dropout Or End Plate, Vented Bottom, Aluminum Cable Tray	162.27	61.77
26 05 36 00-2119	EA	30" Dropout Or End Plate, Vented Bottom, Aluminum Cable Tray	178.94	69.43
26 05 36 00-2120	EA	36" Dropout Or End Plate, Vented Bottom, Aluminum Cable Tray	204.88	79.51
26 05 36 00-2121		Cable Tray Covers And Dividers *(26 05 36 00-0001)*		
26 05 36 00-2122		Galvanized Steel Covers *(26 05 36 00-2121)*		
26 05 36 00-2123		Ventilated Straight Sections *(26 05 36 00-2122)*		
26 05 36 00-2124	LF	6" Steel Cable Tray Cover, Straight Section	10.77	2.08
26 05 36 00-2125	LF	9" Steel Cable Tray Cover, Straight Section	13.01	2.44
26 05 36 00-2126	LF	12" Steel Cable Tray Cover, Straight Section	15.31	2.79
26 05 36 00-2127	LF	18" Steel Cable Tray Cover, Straight Section	20.75	3.71
26 05 36 00-2128	LF	24" Steel Cable Tray Cover, Straight Section	26.27	4.98
26 05 36 00-2129	LF	30" Steel Cable Tray Cover, Straight Section	31.86	6.14
26 05 36 00-2130	LF	36" Steel Cable Tray Cover, Straight Section	140.82	69.66
26 05 36 00-2131		90 Degree, 12" Radius Horizontal Elbows *(26 05 36 00-2122)*		
26 05 36 00-2132	EA	6" Horizontal 90 Degree Elbow, 12" Radius, Steel Cable Tray Cover	66.36	7.42
26 05 36 00-2133	EA	9" Horizontal 90 Degree Elbow, 12" Radius, Steel Cable Tray Cover	74.17	8.69
26 05 36 00-2134	EA	12" Horizontal 90 Degree Elbow, 12" Radius, Steel Cable Tray Cover	80.26	10.31
26 05 36 00-2135	EA	18" Horizontal 90 Degree Elbow, 12" Radius, Steel Cable Tray Cover	109.26	13.21
26 05 36 00-2136	EA	24" Horizontal 90 Degree Elbow, 12" Radius, Steel Cable Tray Cover	133.68	16.81
26 05 36 00-2137	EA	30" Horizontal 90 Degree Elbow, 12" Radius, Steel Cable Tray Cover	161.88	18.66
26 05 36 00-2138	EA	36" Horizontal 90 Degree Elbow, 12" Radius, Steel Cable Tray Cover	195.56	22.25
26 05 36 00-2139		90 Degree, 24" Radius Horizontal Elbows *(26 05 36 00-2122)*		
26 05 36 00-2140	EA	6" Horizontal 90 Degree Elbow, 24" Radius, Steel Cable Tray Cover	103.20	8.23
26 05 36 00-2141	EA	9" Horizontal 90 Degree Elbow, 24" Radius, Steel Cable Tray Cover	107.84	9.62
26 05 36 00-2142	EA	12" Horizontal 90 Degree Elbow, 24" Radius, Steel Cable Tray Cover	121.53	11.59
26 05 36 00-2143	EA	18" Horizontal 90 Degree Elbow, 24" Radius, Steel Cable Tray Cover	150.74	14.72
26 05 36 00-2144	EA	24" Horizontal 90 Degree Elbow, 24" Radius, Steel Cable Tray Cover	184.78	18.54
26 05 36 00-2145	EA	30" Horizontal 90 Degree Elbow, 24" Radius, Steel Cable Tray Cover	237.67	21.33
26 05 36 00-2146	EA	36" Horizontal 90 Degree Elbow, 24" Radius, Steel Cable Tray Cover	276.38	25.27
26 05 36 00-2147		90 Degree, 36" Radius Horizontal Elbows *(26 05 36 00-2122)*		
26 05 36 00-2148	EA	6" Horizontal 90 Degree Elbow, 36" Radius, Steel Cable Tray Cover	146.25	9.27
26 05 36 00-2149	EA	9" Horizontal 90 Degree Elbow, 36" Radius, Steel Cable Tray Cover	162.49	10.66
26 05 36 00-2150	EA	12" Horizontal 90 Degree Elbow, 36" Radius, Steel Cable Tray Cover	175.88	13.21
26 05 36 00-2151	EA	18" Horizontal 90 Degree Elbow, 36" Radius, Steel Cable Tray Cover	223.21	15.42
26 05 36 00-2152	EA	24" Horizontal 90 Degree Elbow, 36" Radius, Steel Cable Tray Cover	269.85	21.44
26 05 36 00-2153	EA	30" Horizontal 90 Degree Elbow, 36" Radius, Steel Cable Tray Cover	318.14	24.23
26 05 36 00-2154	EA	36" Horizontal 90 Degree Elbow, 36" Radius, Steel Cable Tray Cover	372.31	27.81
26 05 36 00-2155		45 Degree, 12" Radius Horizontal Elbows *(26 05 36 00-2122)*		
26 05 36 00-2156	EA	6" Horizontal 45 Degree Elbow, 12" Radius, Steel Cable Tray Cover	50.76	7.42
		For 60 Degree Bend, Deduct	*-13.89*	
		For 30 Degree Bend, Deduct	*-23.57*	
26 05 36 00-2157	EA	9" Horizontal 45 Degree Elbow, 12" Radius, Steel Cable Tray Cover	60.40	8.69
		For 60 Degree Bend, Deduct	*-16.60*	
		For 30 Degree Bend, Deduct	*-28.15*	
26 05 36 00-2158	EA	12" Horizontal 45 Degree Elbow, 12" Radius, Steel Cable Tray Cover	67.63	10.31
		For 60 Degree Bend, Deduct	*-18.38*	
		For 30 Degree Bend, Deduct	*-31.20*	
26 05 36 00-2159	EA	18" Horizontal 45 Degree Elbow, 12" Radius, Steel Cable Tray Cover	81.89	12.63
		For 60 Degree Bend, Deduct	*-22.18*	
		For 30 Degree Bend, Deduct	*-37.67*	
26 05 36 00-2160	EA	24" Horizontal 45 Degree Elbow, 12" Radius, Steel Cable Tray Cover	95.61	14.60
		For 60 Degree Bend, Deduct	*-25.93*	
		For 30 Degree Bend, Deduct	*-44.03*	
26 05 36 00-2161	EA	30" Horizontal 45 Degree Elbow, 12" Radius, Steel Cable Tray Cover	111.90	16.81
		For 60 Degree Bend, Deduct	*-30.46*	
		For 30 Degree Bend, Deduct	*-51.71*	
26 05 36 00-2162	EA	36" Horizontal 45 Degree Elbow, 12" Radius, Steel Cable Tray Cover	125.04	18.54
		For 60 Degree Bend, Deduct	*-34.15*	
		For 30 Degree Bend, Deduct	*-57.95*	
26 05 36 00-2163		45 Degree, 24" Radius Horizontal Elbows *(26 05 36 00-2122)*		
26 05 36 00-2164	EA	6" Horizontal 45 Degree Elbow, 24" Radius, Steel Cable Tray Cover	69.93	8.23
		For 60 Degree Bend, Deduct	*-19.93*	
		For 30 Degree Bend, Deduct	*-33.67*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2165	EA	9" Horizontal 45 Degree Elbow, 24" Radius, Steel Cable Tray Cover	79.14	9.62
		For 60 Degree Bend, Deduct	*-22.44*	
		For 30 Degree Bend, Deduct	*-37.93*	
26 05 36 00-2166	EA	12" Horizontal 45 Degree Elbow, 24" Radius, Steel Cable Tray Cover	90.53	11.59
		For 60 Degree Bend, Deduct	*-25.42*	
		For 30 Degree Bend, Deduct	*-43.02*	
26 05 36 00-2167	EA	18" Horizontal 45 Degree Elbow, 24" Radius, Steel Cable Tray Cover	104.72	13.91
		For 60 Degree Bend, Deduct	*-29.22*	
		For 30 Degree Bend, Deduct	*-49.47*	
26 05 36 00-2168	EA	24" Horizontal 45 Degree Elbow, 24" Radius, Steel Cable Tray Cover	120.67	15.88
		For 60 Degree Bend, Deduct	*-33.72*	
		For 30 Degree Bend, Deduct	*-57.08*	
26 05 36 00-2169	EA	30" Horizontal 45 Degree Elbow, 24" Radius, Steel Cable Tray Cover	150.37	18.54
		For 60 Degree Bend, Deduct	*-42.50*	
		For 30 Degree Bend, Deduct	*-71.86*	
26 05 36 00-2170	EA	36" Horizontal 45 Degree Elbow, 24" Radius, Steel Cable Tray Cover	166.57	21.44
		For 60 Degree Bend, Deduct	*-46.76*	
		For 30 Degree Bend, Deduct	*-79.12*	
26 05 36 00-2171		**45 Degree, 36" Radius Horizontal Elbows** *(26 05 36 00-2122)*		
26 05 36 00-2172	EA	6" Horizontal 45 Degree Elbow, 36" Radius, Steel Cable Tray Cover	96.92	9.27
		For 60 Degree Bend, Deduct	*-28.44*	
		For 30 Degree Bend, Deduct	*-47.91*	
26 05 36 00-2173	EA	9" Horizontal 45 Degree Elbow, 36" Radius, Steel Cable Tray Cover	109.69	10.66
		For 60 Degree Bend, Deduct	*-32.09*	
		For 30 Degree Bend, Deduct	*-54.08*	
26 05 36 00-2174	EA	12" Horizontal 45 Degree Elbow, 36" Radius, Steel Cable Tray Cover	123.01	13.21
		For 60 Degree Bend, Deduct	*-35.54*	
		For 30 Degree Bend, Deduct	*-59.96*	
26 05 36 00-2175	EA	18" Horizontal 45 Degree Elbow, 36" Radius, Steel Cable Tray Cover	140.42	14.72
		For 60 Degree Bend, Deduct	*-40.71*	
		For 30 Degree Bend, Deduct	*-68.66*	
26 05 36 00-2176	EA	24" Horizontal 45 Degree Elbow, 36" Radius, Steel Cable Tray Cover	171.14	17.96
		For 60 Degree Bend, Deduct	*-49.59*	
		For 30 Degree Bend, Deduct	*-83.65*	
26 05 36 00-2177	EA	30" Horizontal 45 Degree Elbow, 36" Radius, Steel Cable Tray Cover	189.53	21.44
		For 60 Degree Bend, Deduct	*-54.33*	
		For 30 Degree Bend, Deduct	*-91.75*	
26 05 36 00-2178	EA	36" Horizontal 45 Degree Elbow, 36" Radius, Steel Cable Tray Cover	224.63	23.18
		For 60 Degree Bend, Deduct	*-65.24*	
		For 30 Degree Bend, Deduct	*-110.02*	
26 05 36 00-2179		**90 Degree, 12" Radius Vertical Risers** *(26 05 36 00-2122)*		
26 05 36 00-2180	EA	6" Vertical Riser 90 Degree, 12" Radius, Steel Cable Tray Cover	57.38	7.42
26 05 36 00-2181	EA	9" Vertical Riser 90 Degree, 12" Radius, Steel Cable Tray Cover	60.40	8.69
26 05 36 00-2182	EA	12" Vertical Riser 90 Degree, 12" Radius, Steel Cable Tray Cover	66.48	10.31
26 05 36 00-2183	EA	18" Vertical Riser 90 Degree, 12" Radius, Steel Cable Tray Cover	77.33	12.63
26 05 36 00-2184	EA	24" Vertical Riser 90 Degree, 12" Radius, Steel Cable Tray Cover	84.66	16.34
26 05 36 00-2185	EA	30" Vertical Riser 90 Degree, 12" Radius, Steel Cable Tray Cover	94.15	18.66
26 05 36 00-2186	EA	36" Vertical Riser 90 Degree, 12" Radius, Steel Cable Tray Cover	118.56	22.25
26 05 36 00-2187		**90 Degree, 24" Radius Vertical Risers** *(26 05 36 00-2122)*		
26 05 36 00-2188	EA	6" Vertical Riser 90 Degree, 24" Radius, Steel Cable Tray Cover	68.76	8.23
26 05 36 00-2189	EA	9" Vertical Riser 90 Degree, 24" Radius, Steel Cable Tray Cover	76.84	9.62
26 05 36 00-2190	EA	12" Vertical Riser 90 Degree, 24" Radius, Steel Cable Tray Cover	82.50	11.59
26 05 36 00-2191	EA	18" Vertical Riser 90 Degree, 24" Radius, Steel Cable Tray Cover	106.98	13.91
26 05 36 00-2192	EA	24" Vertical Riser 90 Degree, 24" Radius, Steel Cable Tray Cover	124.03	17.96
26 05 36 00-2193	EA	30" Vertical Riser 90 Degree, 24" Radius, Steel Cable Tray Cover	142.42	21.44
26 05 36 00-2194	EA	36" Vertical Riser 90 Degree, 24" Radius, Steel Cable Tray Cover	163.87	25.27
26 05 36 00-2195		**90 Degree, 36" Radius Vertical Risers** *(26 05 36 00-2122)*		
26 05 36 00-2196	EA	6" Vertical Riser 90 Degree, 36" Radius, Steel Cable Tray Cover	79.67	9.27
26 05 36 00-2197	EA	9" Vertical Riser 90 Degree, 36" Radius, Steel Cable Tray Cover	99.36	10.66
26 05 36 00-2198	EA	12" Vertical Riser 90 Degree, 36" Radius, Steel Cable Tray Cover	113.89	13.21
26 05 36 00-2199	EA	18" Vertical Riser 90 Degree, 36" Radius, Steel Cable Tray Cover	140.42	14.72
26 05 36 00-2200	EA	24" Vertical Riser 90 Degree, 36" Radius, Steel Cable Tray Cover	162.84	20.52
26 05 36 00-2201	EA	30" Vertical Riser 90 Degree, 36" Radius, Steel Cable Tray Cover	194.16	24.23
26 05 36 00-2202	EA	36" Vertical Riser 90 Degree, 36" Radius, Steel Cable Tray Cover	227.67	27.81
26 05 36 00-2203		**12" Radius Horizontal Tees** *(26 05 36 00-2122)*		
26 05 36 00-2204	EA	6" Horizontal Tee, 12" Radius, Steel Cable Tray Cover	101.68	12.06
26 05 36 00-2205	EA	9" Horizontal Tee, 12" Radius, Steel Cable Tray Cover	106.98	13.91
26 05 36 00-2206	EA	12" Horizontal Tee, 12" Radius, Steel Cable Tray Cover	121.31	16.34
26 05 36 00-2207	EA	18" Horizontal Tee, 12" Radius, Steel Cable Tray Cover	145.78	18.54
26 05 36 00-2208	EA	24" Horizontal Tee, 12" Radius, Steel Cable Tray Cover	180.34	21.44
26 05 36 00-2209	EA	30" Horizontal Tee, 12" Radius, Steel Cable Tray Cover	221.32	30.83
26 05 36 00-2210	EA	36" Horizontal Tee, 12" Radius, Steel Cable Tray Cover	266.01	36.98

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2211		**24" Radius Horizontal Tees** *(26 05 36 00-2122)*		
26 05 36 00-2212	EA	6" Horizontal Tee, 24" Radius, Steel Cable Tray Cover	149.65	12.63
26 05 36 00-2213	EA	9" Horizontal Tee, 24" Radius, Steel Cable Tray Cover	171.41	14.72
26 05 36 00-2214	EA	12" Horizontal Tee, 24" Radius, Steel Cable Tray Cover	180.48	17.39
26 05 36 00-2215	EA	18" Horizontal Tee, 24" Radius, Steel Cable Tray Cover	228.30	19.94
26 05 36 00-2216	EA	24" Horizontal Tee, 24" Radius, Steel Cable Tray Cover	337.01	23.18
26 05 36 00-2217	EA	30" Horizontal Tee, 24" Radius, Steel Cable Tray Cover	397.79	34.77
26 05 36 00-2218	EA	36" Horizontal Tee, 24" Radius, Steel Cable Tray Cover	445.52	42.77
26 05 36 00-2219		**36" Radius Horizontal Tees** *(26 05 36 00-2122)*		
26 05 36 00-2220	EA	6" Horizontal Tee, 36" Radius, Steel Cable Tray Cover	253.91	13.21
26 05 36 00-2221	EA	9" Horizontal Tee, 36" Radius, Steel Cable Tray Cover	262.21	15.42
26 05 36 00-2222	EA	12" Horizontal Tee, 36" Radius, Steel Cable Tray Cover	292.68	18.54
26 05 36 00-2223	EA	18" Horizontal Tee, 36" Radius, Steel Cable Tray Cover	343.41	21.44
26 05 36 00-2224	EA	24" Horizontal Tee, 36" Radius, Steel Cable Tray Cover	446.27	25.27
26 05 36 00-2225	EA	30" Horizontal Tee, 36" Radius, Steel Cable Tray Cover	504.91	39.87
26 05 36 00-2226	EA	36" Horizontal Tee, 36" Radius, Steel Cable Tray Cover	582.25	50.42
26 05 36 00-2227		**12" Radius Horizontal Crosses** *(26 05 36 00-2122)*		
26 05 36 00-2228	EA	6" Horizontal Cross, 12" Radius, Steel Cable Tray Cover	148.92	16.34
26 05 36 00-2229	EA	9" Horizontal Cross, 12" Radius, Steel Cable Tray Cover	157.55	17.39
26 05 36 00-2230	EA	12" Horizontal Cross, 12" Radius, Steel Cable Tray Cover	174.48	18.54
26 05 36 00-2231	EA	18" Horizontal Cross, 12" Radius, Steel Cable Tray Cover	205.60	21.44
26 05 36 00-2232	EA	24" Horizontal Cross, 12" Radius, Steel Cable Tray Cover	258.01	30.83
26 05 36 00-2233	EA	30" Horizontal Cross, 12" Radius, Steel Cable Tray Cover	298.09	36.98
26 05 36 00-2234	EA	36" Horizontal Cross, 12" Radius, Steel Cable Tray Cover	341.69	39.75
26 05 36 00-2235		**24" Radius Horizontal Crosses** *(26 05 36 00-2122)*		
26 05 36 00-2236	EA	6" Horizontal Cross, 24" Radius, Steel Cable Tray Cover	260.90	17.39
26 05 36 00-2237	EA	9" Horizontal Cross, 24" Radius, Steel Cable Tray Cover	283.50	18.54
26 05 36 00-2238	EA	12" Horizontal Cross, 24" Radius, Steel Cable Tray Cover	304.07	19.94
26 05 36 00-2239	EA	18" Horizontal Cross, 24" Radius, Steel Cable Tray Cover	362.27	23.18
26 05 36 00-2240	EA	24" Horizontal Cross, 24" Radius, Steel Cable Tray Cover	452.85	34.77
26 05 36 00-2241	EA	30" Horizontal Cross, 24" Radius, Steel Cable Tray Cover	516.60	42.77
26 05 36 00-2242	EA	36" Horizontal Cross, 24" Radius, Steel Cable Tray Cover	577.62	46.25
26 05 36 00-2243		**36" Radius Horizontal Crosses** *(26 05 36 00-2122)*		
26 05 36 00-2244	EA	6" Horizontal Cross, 36" Radius, Steel Cable Tray Cover	418.95	18.54
26 05 36 00-2245	EA	9" Horizontal Cross, 36" Radius, Steel Cable Tray Cover	434.94	19.94
26 05 36 00-2246	EA	12" Horizontal Cross, 36" Radius, Steel Cable Tray Cover	458.20	21.44
26 05 36 00-2247	EA	18" Horizontal Cross, 36" Radius, Steel Cable Tray Cover	528.93	25.27
26 05 36 00-2248	EA	24" Horizontal Cross, 36" Radius, Steel Cable Tray Cover	686.25	39.75
26 05 36 00-2249	EA	30" Horizontal Cross, 36" Radius, Steel Cable Tray Cover	750.23	50.65
26 05 36 00-2250	EA	36" Horizontal Cross, 36" Radius, Steel Cable Tray Cover	804.46	55.64
26 05 36 00-2251		**Reducers** *(26 05 36 00-2122)*		
26 05 36 00-2252	EA	9" To 6" Reducer, Steel Cable Tray Covers	66.15	8.69
26 05 36 00-2253	EA	12" To 6" Reducer, Steel Cable Tray Covers	71.11	10.31
26 05 36 00-2254	EA	12" To 9" Reducer, Steel Cable Tray Covers	71.11	10.31
26 05 36 00-2255	EA	18" To 6" Reducer, Steel Cable Tray Covers	78.47	12.63
26 05 36 00-2256	EA	18" To 12" Reducer, Steel Cable Tray Covers	78.47	12.63
26 05 36 00-2257	EA	24" To 12" Reducer, Steel Cable Tray Covers	96.65	13.91
26 05 36 00-2258	EA	24" To 18" Reducer, Steel Cable Tray Covers	103.54	13.91
26 05 36 00-2259	EA	30" To 12" Reducer, Steel Cable Tray Covers	99.98	15.88
26 05 36 00-2260	EA	30" To 18" Reducer, Steel Cable Tray Covers	106.87	15.88
26 05 36 00-2261	EA	30" To 24" Reducer, Steel Cable Tray Covers	111.46	15.88
26 05 36 00-2262	EA	36" To 12" Reducer, Steel Cable Tray Covers	116.17	17.39
26 05 36 00-2263	EA	36" To 18" Reducer, Steel Cable Tray Covers	118.46	17.39
26 05 36 00-2264	EA	36" To 24" Reducer, Steel Cable Tray Covers	120.76	17.39
26 05 36 00-2265	EA	36" To 30" Reducer, Steel Cable Tray Covers	121.91	17.39
26 05 36 00-2266		**Aluminum Covers** *(26 05 36 00-2121)*		
26 05 36 00-2267		**Ventilated Straight Sections** *(26 05 36 00-2266)*		
26 05 36 00-2268	LF	6" Aluminum Cable Tray Cover, Straight Section	11.77	2.08
26 05 36 00-2269	LF	9" Aluminum Cable Tray Cover, Straight Section	14.05	2.44
26 05 36 00-2270	LF	12" Aluminum Cable Tray Cover, Straight Section	16.51	2.79
26 05 36 00-2271	LF	18" Aluminum Cable Tray Cover, Straight Section	21.96	3.71
26 05 36 00-2272	LF	24" Aluminum Cable Tray Cover, Straight Section	28.20	4.98
26 05 36 00-2273	LF	30" Aluminum Cable Tray Cover, Straight Section	32.01	6.14
26 05 36 00-2274	LF	36" Aluminum Cable Tray Cover, Straight Section	139.22	69.66

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		MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2275		**90 Degree, 12" Radius Horizontal Elbows** *(26 05 36 00-2266)*		
26 05 36 00-2276	EA	6" Horizontal 90 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover	63.80	7.42
26 05 36 00-2277	EA	9" Horizontal 90 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover	68.10	8.69
26 05 36 00-2278	EA	12" Horizontal 90 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover	75.21	10.31
26 05 36 00-2279	EA	18" Horizontal 90 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover	97.98	13.21
26 05 36 00-2280	EA	24" Horizontal 90 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover	124.15	16.81
26 05 36 00-2281	EA	30" Horizontal 90 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover	146.08	18.66
26 05 36 00-2282	EA	36" Horizontal 90 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover	177.90	22.25
26 05 36 00-2283		**90 Degree, 24" Radius Horizontal Elbows** *(26 05 36 00-2266)*		
26 05 36 00-2284	EA	6" Horizontal 90 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover	84.04	8.23
26 05 36 00-2285	EA	9" Horizontal 90 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover	103.14	9.62
26 05 36 00-2286	EA	12" Horizontal 90 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover	115.44	11.59
26 05 36 00-2287	EA	18" Horizontal 90 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover	138.41	14.72
26 05 36 00-2288	EA	24" Horizontal 90 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover	171.71	18.54
26 05 36 00-2289	EA	30" Horizontal 90 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover	207.67	21.33
26 05 36 00-2290	EA	36" Horizontal 90 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover	254.45	25.27
26 05 36 00-2291		**90 Degree, 36" Radius Horizontal Elbows** *(26 05 36 00-2266)*		
26 05 36 00-2292	EA	6" Horizontal 90 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover	136.03	9.27
26 05 36 00-2293	EA	9" Horizontal 90 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover	149.67	10.66
26 05 36 00-2294	EA	12" Horizontal 90 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover	171.75	13.21
26 05 36 00-2295	EA	18" Horizontal 90 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover	204.50	15.42
26 05 36 00-2296	EA	24" Horizontal 90 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover	252.39	21.44
26 05 36 00-2297	EA	30" Horizontal 90 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover	290.57	24.23
26 05 36 00-2298	EA	36" Horizontal 90 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover	338.98	27.81
26 05 36 00-2299		**45 Degree, 12" Radius Horizontal Elbows** *(26 05 36 00-2266)*		
26 05 36 00-2300	EA	6" Horizontal 45 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover	50.40	7.42
		For 60 Degree Bend, Deduct	*-13.78*	
		For 30 Degree Bend, Deduct	*-23.37*	
26 05 36 00-2301	EA	9" Horizontal 45 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover	53.58	8.69
		For 60 Degree Bend, Deduct	*-14.35*	
		For 30 Degree Bend, Deduct	*-24.40*	
26 05 36 00-2302	EA	12" Horizontal 45 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover	60.91	10.31
		For 60 Degree Bend, Deduct	*-16.16*	
		For 30 Degree Bend, Deduct	*-27.51*	
26 05 36 00-2303	EA	18" Horizontal 45 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover	71.32	12.63
		For 60 Degree Bend, Deduct	*-18.69*	
		For 30 Degree Bend, Deduct	*-31.86*	
26 05 36 00-2304	EA	24" Horizontal 45 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover	80.30	14.60
		For 60 Degree Bend, Deduct	*-20.88*	
		For 30 Degree Bend, Deduct	*-35.61*	
26 05 36 00-2305	EA	30" Horizontal 45 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover	98.48	16.81
		For 60 Degree Bend, Deduct	*-26.04*	
		For 30 Degree Bend, Deduct	*-44.33*	
26 05 36 00-2306	EA	36" Horizontal 45 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover	115.81	18.54
		For 60 Degree Bend, Deduct	*-31.11*	
		For 30 Degree Bend, Deduct	*-52.88*	
26 05 36 00-2307		**45 Degree, 24" Radius Horizontal Elbows** *(26 05 36 00-2266)*		
26 05 36 00-2308	EA	6" Horizontal 45 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover	57.81	8.23
		For 60 Degree Bend, Deduct	*-15.93*	
		For 30 Degree Bend, Deduct	*-27.01*	
26 05 36 00-2309	EA	9" Horizontal 45 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover	71.86	9.62
		For 60 Degree Bend, Deduct	*-20.03*	
		For 30 Degree Bend, Deduct	*-33.92*	
26 05 36 00-2310	EA	12" Horizontal 45 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover	77.45	11.59
		For 60 Degree Bend, Deduct	*-21.11*	
		For 30 Degree Bend, Deduct	*-35.82*	
26 05 36 00-2311	EA	18" Horizontal 45 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover	93.59	13.91
		For 60 Degree Bend, Deduct	*-25.55*	
		For 30 Degree Bend, Deduct	*-43.35*	
26 05 36 00-2312	EA	24" Horizontal 45 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover	113.68	15.88
		For 60 Degree Bend, Deduct	*-31.41*	
		For 30 Degree Bend, Deduct	*-53.24*	
26 05 36 00-2313	EA	30" Horizontal 45 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover	131.52	18.54
		For 60 Degree Bend, Deduct	*-36.28*	
		For 30 Degree Bend, Deduct	*-61.49*	
26 05 36 00-2314	EA	36" Horizontal 45 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover	151.88	21.44
		For 60 Degree Bend, Deduct	*-41.91*	
		For 30 Degree Bend, Deduct	*-71.04*	
26 05 36 00-2315		**45 Degree, 36" Radius Horizontal Elbows** *(26 05 36 00-2266)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2316	EA	6" Horizontal 45 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover	91.38	9.27
		For 60 Degree Bend, Deduct	*-26.61*	
		For 30 Degree Bend, Deduct	*-44.87*	
26 05 36 00-2317	EA	9" Horizontal 45 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover	100.52	10.66
		For 60 Degree Bend, Deduct	*-29.07*	
		For 30 Degree Bend, Deduct	*-49.04*	
26 05 36 00-2318	EA	12" Horizontal 45 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover	109.13	13.21
		For 60 Degree Bend, Deduct	*-30.96*	
		For 30 Degree Bend, Deduct	*-52.33*	
26 05 36 00-2319	EA	18" Horizontal 45 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover	129.49	14.72
		For 60 Degree Bend, Deduct	*-37.10*	
		For 30 Degree Bend, Deduct	*-62.65*	
26 05 36 00-2320	EA	24" Horizontal 45 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover	157.30	17.96
		For 60 Degree Bend, Deduct	*-45.02*	
		For 30 Degree Bend, Deduct	*-76.04*	
26 05 36 00-2321	EA	30" Horizontal 45 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover	180.93	21.44
		For 60 Degree Bend, Deduct	*-51.50*	
		For 30 Degree Bend, Deduct	*-87.02*	
26 05 36 00-2322	EA	36" Horizontal 45 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover	204.00	23.18
		For 60 Degree Bend, Deduct	*-58.43*	
		For 30 Degree Bend, Deduct	*-98.67*	

26 05 36 00-2323 90 Degree, 12" Radius Vertical Risers *(26 05 36 00-2266)*

26 05 36 00-2324	EA	6" Vertical Riser 90 Degree, 12" Radius, Aluminum Cable Tray Cover	56.17	7.42
26 05 36 00-2325	EA	9" Vertical Riser 90 Degree, 12" Radius, Aluminum Cable Tray Cover	58.61	8.69
26 05 36 00-2326	EA	12" Vertical Riser 90 Degree, 12" Radius, Aluminum Cable Tray Cover	65.16	10.31
26 05 36 00-2327	EA	18" Vertical Riser 90 Degree, 12" Radius, Aluminum Cable Tray Cover	76.94	12.63
26 05 36 00-2328	EA	24" Vertical Riser 90 Degree, 12" Radius, Aluminum Cable Tray Cover	85.35	16.34
26 05 36 00-2329	EA	30" Vertical Riser 90 Degree, 12" Radius, Aluminum Cable Tray Cover	90.22	18.66
26 05 36 00-2330	EA	36" Vertical Riser 90 Degree, 12" Radius, Aluminum Cable Tray Cover	108.55	22.25

26 05 36 00-2331 90 Degree, 24" Radius Vertical Risers *(26 05 36 00-2266)*

26 05 36 00-2332	EA	6" Vertical Riser 90 Degree, 24" Radius, Aluminum Cable Tray Cover	63.93	8.23
26 05 36 00-2333	EA	9" Vertical Riser 90 Degree, 24" Radius, Aluminum Cable Tray Cover	70.74	9.62
26 05 36 00-2334	EA	12" Vertical Riser 90 Degree, 24" Radius, Aluminum Cable Tray Cover	78.57	11.59
26 05 36 00-2335	EA	18" Vertical Riser 90 Degree, 24" Radius, Aluminum Cable Tray Cover	94.68	13.91
26 05 36 00-2336	EA	24" Vertical Riser 90 Degree, 24" Radius, Aluminum Cable Tray Cover	108.10	17.96
26 05 36 00-2337	EA	30" Vertical Riser 90 Degree, 24" Radius, Aluminum Cable Tray Cover	136.20	21.44
26 05 36 00-2338	EA	36" Vertical Riser 90 Degree, 24" Radius, Aluminum Cable Tray Cover	151.67	25.27

26 05 36 00-2339 90 Degree, 36" Radius Vertical Risers *(26 05 36 00-2266)*

26 05 36 00-2340	EA	6" Vertical Riser 90 Degree, 36" Radius, Aluminum Cable Tray Cover	73.47	9.27
26 05 36 00-2341	EA	9" Vertical Riser 90 Degree, 36" Radius, Aluminum Cable Tray Cover	89.35	10.66
26 05 36 00-2342	EA	12" Vertical Riser 90 Degree, 36" Radius, Aluminum Cable Tray Cover	104.72	13.21
26 05 36 00-2343	EA	18" Vertical Riser 90 Degree, 36" Radius, Aluminum Cable Tray Cover	125.02	14.72
26 05 36 00-2344	EA	24" Vertical Riser 90 Degree, 36" Radius, Aluminum Cable Tray Cover	152.69	20.52
26 05 36 00-2345	EA	30" Vertical Riser 90 Degree, 36" Radius, Aluminum Cable Tray Cover	190.03	24.23
26 05 36 00-2346	EA	36" Vertical Riser 90 Degree, 36" Radius, Aluminum Cable Tray Cover	207.16	27.81

26 05 36 00-2347 12" Radius Horizontal Tees *(26 05 36 00-2266)*

26 05 36 00-2348	EA	6" Horizontal Tee, 12" Radius, Aluminum Cable Tray Cover	91.67	12.06
26 05 36 00-2349	EA	9" Horizontal Tee, 12" Radius, Aluminum Cable Tray Cover	99.15	13.91
26 05 36 00-2350	EA	12" Horizontal Tee, 12" Radius, Aluminum Cable Tray Cover	112.08	16.34
26 05 36 00-2351	EA	18" Horizontal Tee, 12" Radius, Aluminum Cable Tray Cover	131.52	18.54
26 05 36 00-2352	EA	24" Horizontal Tee, 12" Radius, Aluminum Cable Tray Cover	163.06	21.44
26 05 36 00-2353	EA	30" Horizontal Tee, 12" Radius, Aluminum Cable Tray Cover	201.12	30.83
26 05 36 00-2354	EA	36" Horizontal Tee, 12" Radius, Aluminum Cable Tray Cover	242.65	36.98

26 05 36 00-2355 24" Radius Horizontal Tees *(26 05 36 00-2266)*

26 05 36 00-2356	EA	6" Horizontal Tee, 24" Radius, Aluminum Cable Tray Cover	137.26	12.63
26 05 36 00-2357	EA	9" Horizontal Tee, 24" Radius, Aluminum Cable Tray Cover	154.06	14.72
26 05 36 00-2358	EA	12" Horizontal Tee, 24" Radius, Aluminum Cable Tray Cover	174.18	17.39
26 05 36 00-2359	EA	18" Horizontal Tee, 24" Radius, Aluminum Cable Tray Cover	202.96	19.94
26 05 36 00-2360	EA	24" Horizontal Tee, 24" Radius, Aluminum Cable Tray Cover	308.89	23.18
26 05 36 00-2361	EA	30" Horizontal Tee, 24" Radius, Aluminum Cable Tray Cover	357.39	34.77
26 05 36 00-2362	EA	36" Horizontal Tee, 24" Radius, Aluminum Cable Tray Cover	404.19	42.77

26 05 36 00-2363 36" Radius Horizontal Tees *(26 05 36 00-2266)*

26 05 36 00-2364	EA	6" Horizontal Tee, 36" Radius, Aluminum Cable Tray Cover	234.28	13.21
26 05 36 00-2365	EA	9" Horizontal Tee, 36" Radius, Aluminum Cable Tray Cover	242.46	15.42
26 05 36 00-2366	EA	12" Horizontal Tee, 36" Radius, Aluminum Cable Tray Cover	270.01	18.54
26 05 36 00-2367	EA	18" Horizontal Tee, 36" Radius, Aluminum Cable Tray Cover	306.10	21.44
26 05 36 00-2368	EA	24" Horizontal Tee, 36" Radius, Aluminum Cable Tray Cover	386.27	25.27
26 05 36 00-2369	EA	30" Horizontal Tee, 36" Radius, Aluminum Cable Tray Cover	452.93	39.87
26 05 36 00-2370	EA	36" Horizontal Tee, 36" Radius, Aluminum Cable Tray Cover	519.72	50.42

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2371		**12" Radius Horizontal Crosses** *(26 05 36 00-2266)*		
26 05 36 00-2372	EA	6" Horizontal Cross, 12" Radius, Aluminum Cable Tray Cover	136.72	16.34
26 05 36 00-2373	EA	9" Horizontal Cross, 12" Radius, Aluminum Cable Tray Cover	145.16	17.39
26 05 36 00-2374	EA	12" Horizontal Cross, 12" Radius, Aluminum Cable Tray Cover	160.57	18.54
26 05 36 00-2375	EA	18" Horizontal Cross, 12" Radius, Aluminum Cable Tray Cover	192.10	21.44
26 05 36 00-2376	EA	24" Horizontal Cross, 12" Radius, Aluminum Cable Tray Cover	232.36	30.83
26 05 36 00-2377	EA	30" Horizontal Cross, 12" Radius, Aluminum Cable Tray Cover	276.10	36.98
26 05 36 00-2378	EA	36" Horizontal Cross, 12" Radius, Aluminum Cable Tray Cover	314.19	39.75
26 05 36 00-2379		**24" Radius Horizontal Crosses** *(26 05 36 00-2266)*		
26 05 36 00-2380	EA	6" Horizontal Cross, 24" Radius, Aluminum Cable Tray Cover	243.50	17.39
26 05 36 00-2381	EA	9" Horizontal Cross, 24" Radius, Aluminum Cable Tray Cover	261.08	18.54
26 05 36 00-2382	EA	12" Horizontal Cross, 24" Radius, Aluminum Cable Tray Cover	281.16	19.94
26 05 36 00-2383	EA	18" Horizontal Cross, 24" Radius, Aluminum Cable Tray Cover	326.77	23.18
26 05 36 00-2384	EA	24" Horizontal Cross, 24" Radius, Aluminum Cable Tray Cover	402.03	34.77
26 05 36 00-2385	EA	30" Horizontal Cross, 24" Radius, Aluminum Cable Tray Cover	473.37	42.77
26 05 36 00-2386	EA	36" Horizontal Cross, 24" Radius, Aluminum Cable Tray Cover	512.80	46.25
26 05 36 00-2387		**36" Radius Horizontal Crosses** *(26 05 36 00-2266)*		
26 05 36 00-2388	EA	6" Horizontal Cross, 36" Radius, Aluminum Cable Tray Cover	375.02	18.54
26 05 36 00-2389	EA	9" Horizontal Cross, 36" Radius, Aluminum Cable Tray Cover	392.87	19.94
26 05 36 00-2390	EA	12" Horizontal Cross, 36" Radius, Aluminum Cable Tray Cover	422.29	21.44
26 05 36 00-2391	EA	18" Horizontal Cross, 36" Radius, Aluminum Cable Tray Cover	466.71	25.27
26 05 36 00-2392	EA	24" Horizontal Cross, 36" Radius, Aluminum Cable Tray Cover	591.41	39.75
26 05 36 00-2393	EA	30" Horizontal Cross, 36" Radius, Aluminum Cable Tray Cover	687.67	50.65
26 05 36 00-2394	EA	36" Horizontal Cross, 36" Radius, Aluminum Cable Tray Cover	751.84	55.64
26 05 36 00-2395		**Reducers** *(26 05 36 00-2266)*		
26 05 36 00-2396	EA	9" To 6" Reducer, Aluminum Cable Tray Covers	69.23	8.69
26 05 36 00-2397	EA	12" To 6" Reducer, Aluminum Cable Tray Covers	74.12	10.31
26 05 36 00-2398	EA	12" To 9" Reducer, Aluminum Cable Tray Covers	74.13	10.31
26 05 36 00-2399	EA	18" To 6" Reducer, Aluminum Cable Tray Covers	83.63	12.63
26 05 36 00-2400	EA	18" To 12" Reducer, Aluminum Cable Tray Covers	83.63	12.63
26 05 36 00-2401	EA	24" To 12" Reducer, Aluminum Cable Tray Covers	92.44	13.91
26 05 36 00-2402	EA	24" To 18" Reducer, Aluminum Cable Tray Covers	101.34	13.91
26 05 36 00-2403	EA	30" To 12" Reducer, Aluminum Cable Tray Covers	106.95	15.88
26 05 36 00-2404	EA	30" To 18" Reducer, Aluminum Cable Tray Covers	110.28	15.88
26 05 36 00-2405	EA	30" To 24" Reducer, Aluminum Cable Tray Covers	112.56	15.88
26 05 36 00-2406	EA	36" To 12" Reducer, Aluminum Cable Tray Covers	118.29	17.39
26 05 36 00-2407	EA	36" To 18" Reducer, Aluminum Cable Tray Covers	120.53	17.39
26 05 36 00-2408	EA	36" To 24" Reducer, Aluminum Cable Tray Covers	121.64	17.39
26 05 36 00-2409	EA	36" To 30" Reducer, Aluminum Cable Tray Covers	122.76	17.39
26 05 36 00-2410		**Galvanized Steel Dividers** *(26 05 36 00-2121)*		
26 05 36 00-2411		**Straight Dividers** *(26 05 36 00-2410)*		
26 05 36 00-2412	LF	3" Deep Galvanized Steel Divider Strip, Straight	10.95	2.79
26 05 36 00-2413	LF	4" Deep Galvanized Steel Divider Strip, Straight	12.92	3.02
26 05 36 00-2414	LF	6" Deep Galvanized Steel Divider Strip, Straight	16.01	3.48
26 05 36 00-2415		**3" Deep Vertical Dividers** *(26 05 36 00-2410)*		
26 05 36 00-2416	EA	Vertical Divider, 3" Deep, 12" Radius, 30 Degree, Steel Cable Tray	64.15	19.94
26 05 36 00-2417	EA	Vertical Divider, 3" Deep, 12" Radius, 45 Degree, Steel Cable Tray	73.23	20.63
26 05 36 00-2418	EA	Vertical Divider, 3" Deep, 12" Radius, 60 Degree, Steel Cable Tray	77.03	21.44
26 05 36 00-2419	EA	Vertical Divider, 3" Deep, 12" Radius, 90 Degree, Steel Cable Tray	88.75	22.25
26 05 36 00-2420	EA	Vertical Divider, 3" Deep, 24" Radius, 30 Degree, Steel Cable Tray	84.16	22.25
26 05 36 00-2421	EA	Vertical Divider, 3" Deep, 24" Radius, 45 Degree, Steel Cable Tray	91.40	23.18
26 05 36 00-2422	EA	Vertical Divider, 3" Deep, 24" Radius, 60 Degree, Steel Cable Tray	106.91	24.23
26 05 36 00-2423	EA	Vertical Divider, 3" Deep, 24" Radius, 90 Degree, Steel Cable Tray	132.88	25.27
26 05 36 00-2424	EA	Vertical Divider, 3" Deep, 36" Radius, 30 Degree, Steel Cable	105.33	25.27
26 05 36 00-2425	EA	Vertical Divider, 3" Deep, 36" Radius, 45 Degree, Steel Cable Tray	117.63	26.54
26 05 36 00-2426	EA	Vertical Divider, 3" Deep, 36" Radius, 60 Degree, Steel Cable Tray	132.46	27.81
26 05 36 00-2427	EA	Vertical Divider, 3" Deep, 36" Radius, 90 Degree, Steel Cable Tray	168.18	29.33
26 05 36 00-2428		**4" Deep Vertical Dividers** *(26 05 36 00-2410)*		
26 05 36 00-2429	EA	Vertical Divider, 4" Deep, 12" Radius, 30 Degree, Steel Cable Tray	73.80	20.63
26 05 36 00-2430	EA	Vertical Divider, 4" Deep, 12" Radius, 45 Degree, Steel Cable Tray	81.62	21.44
26 05 36 00-2431	EA	Vertical Divider, 4" Deep, 12" Radius, 60 Degree, Steel Cable Tray	88.75	22.25
26 05 36 00-2432	EA	Vertical Divider, 4" Deep, 12" Radius, 90 Degree, Steel Cable Tray	101.73	23.18
26 05 36 00-2433	EA	Vertical Divider, 4" Deep, 24" Radius, 30 Degree, Steel Cable Tray	101.73	23.18
26 05 36 00-2434	EA	Vertical Divider, 4" Deep, 24" Radius, 45 Degree, Steel Cable Tray	119.54	24.23
26 05 36 00-2435	EA	Vertical Divider, 4" Deep, 24" Radius, 60 Degree, Steel Cable Tray	131.73	25.27

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2436	EA	Vertical Divider, 4" Deep, 24" Radius, 90 Degree, Steel Cable Tray	163.55	26.54
26 05 36 00-2437	EA	Vertical Divider, 4" Deep, 36" Radius, 30 Degree, Steel Cable Tray	113.80	24.23
26 05 36 00-2438	EA	Vertical Divider, 4" Deep, 36" Radius, 45 Degree, Steel Cable Tray	125.99	25.27
26 05 36 00-2439	EA	Vertical Divider, 4" Deep, 36" Radius, 60 Degree, Steel Cable Tray	149.77	26.54
26 05 36 00-2440	EA	Vertical Divider, 4" Deep, 36" Radius, 90 Degree, Steel Cable Tray	189.86	27.81
26 05 36 00-2441		**6" Deep Vertical Dividers** *(26 05 36 00-2410)*		
26 05 36 00-2442	EA	Vertical Divider, 6" Deep, 12" Radius, 30 Degree, Steel Cable Tray	81.64	23.18
26 05 36 00-2443	EA	Vertical Divider, 6" Deep, 12" Radius, 45 Degree, Steel Cable Tray	88.54	24.23
26 05 36 00-2444	EA	Vertical Divider, 6" Deep, 12" Radius, 60 Degree, Steel Cable Tray	97.29	25.27
26 05 36 00-2445	EA	Vertical Divider, 6" Deep, 12" Radius, 90 Degree, Steel Cable Tray	113.04	26.54
26 05 36 00-2446	EA	Vertical Divider, 6" Deep, 24" Radius, 30 Degree, Steel Cable Tray	103.47	24.23
26 05 36 00-2447	EA	Vertical Divider, 6" Deep, 24" Radius, 45 Degree, Steel Cable Tray	121.40	25.27
26 05 36 00-2448	EA	Vertical Divider, 6" Deep, 24" Radius, 60 Degree, Steel Cable Tray	134.85	26.54
26 05 36 00-2449	EA	Vertical Divider, 6" Deep, 24" Radius, 90 Degree, Steel Cable Tray	165.75	27.81
26 05 36 00-2450	EA	Vertical Divider, 6" Deep, 36" Radius, 30 Degree, Steel Cable Tray	115.66	25.27
26 05 36 00-2451	EA	Vertical Divider, 6" Deep, 36" Radius, 45 Degree, Steel Cable Tray	134.85	26.54
26 05 36 00-2452	EA	Vertical Divider, 6" Deep, 36" Radius, 60 Degree, Steel Cable Tray	165.75	27.81
26 05 36 00-2453	EA	Vertical Divider, 6" Deep, 36" Radius, 90 Degree, Steel Cable Tray	202.62	29.33
26 05 36 00-2454		**Horizontal Dividers** *(26 05 36 00-2410)*		
26 05 36 00-2455	EA	3" Deep Horizontal Fitting Divider Strip, Steel Cable Tray	72.24	16.81
26 05 36 00-2456	EA	4" Deep Horizontal Fitting Divider Strip, Steel Cable Tray	80.31	18.54
26 05 36 00-2457	EA	6" Deep Horizontal Fitting Divider Strip, Steel Cable Tray	97.45	20.63
26 05 36 00-2458		**Aluminum Dividers** *(26 05 36 00-2121)*		
26 05 36 00-2459		**Straight Dividers** *(26 05 36 00-2458)*		
26 05 36 00-2460	LF	3" Deep Aluminum Divider Strip, Straight	10.54	2.67
26 05 36 00-2461	LF	4" Deep Aluminum Divider Strip, Straight	12.47	2.90
26 05 36 00-2462	LF	6" Deep Aluminum Divider Strip, Straight	15.39	3.25
26 05 36 00-2463		**3" Deep Vertical Dividers** *(26 05 36 00-2458)*		
26 05 36 00-2464	EA	Vertical Divider, 3" Deep, 12" Radius, 30 Degree, Aluminum Cable Tray	56.47	19.24
26 05 36 00-2465	EA	Vertical Divider, 3" Deep, 12" Radius, 45 Degree, Aluminum Cable Tray	62.02	19.94
26 05 36 00-2466	EA	Vertical Divider, 3" Deep, 12" Radius, 60 Degree, Aluminum Cable Tray	68.09	20.63
26 05 36 00-2467	EA	Vertical Divider, 3" Deep, 12" Radius, 90 Degree, Aluminum Cable Tray	78.46	21.44
26 05 36 00-2468	EA	Vertical Divider, 3" Deep, 24" Radius, 30 Degree, Aluminum Cable Tray	76.33	21.44
26 05 36 00-2469	EA	Vertical Divider, 3" Deep, 24" Radius, 45 Degree, Aluminum Cable Tray	84.13	22.25
26 05 36 00-2470	EA	Vertical Divider, 3" Deep, 24" Radius, 60 Degree, Aluminum Cable Tray	97.39	23.18
26 05 36 00-2471	EA	Vertical Divider, 3" Deep, 24" Radius, 90 Degree, Aluminum Cable Tray	120.51	24.23
26 05 36 00-2472	EA	Vertical Divider, 3" Deep, 36" Radius, 30 Degree, Aluminum Cable Tray	102.34	24.23
26 05 36 00-2473	EA	Vertical Divider, 3" Deep, 36" Radius, 45 Degree, Aluminum Cable Tray	122.37	25.27
26 05 36 00-2474	EA	Vertical Divider, 3" Deep, 36" Radius, 60 Degree, Aluminum Cable Tray	147.86	26.54
26 05 36 00-2475	EA	Vertical Divider, 3" Deep, 36" Radius, 90 Degree, Aluminum Cable Tray	182.13	27.81
26 05 36 00-2476		**4" Deep Vertical Dividers** *(26 05 36 00-2458)*		
26 05 36 00-2477	EA	Vertical Divider, 4" Deep, 12" Radius, 30 Degree, Aluminum Cable Tray	67.68	19.94
26 05 36 00-2478	EA	Vertical Divider, 4" Deep, 12" Radius, 45 Degree, Aluminum Cable Tray	74.40	20.63
26 05 36 00-2479	EA	Vertical Divider, 4" Deep, 12" Radius, 60 Degree, Aluminum Cable Tray	81.67	21.44
26 05 36 00-2480	EA	Vertical Divider, 4" Deep, 12" Radius, 90 Degree, Aluminum Cable Tray	91.61	22.25
26 05 36 00-2481	EA	Vertical Divider, 4" Deep, 24" Radius, 30 Degree, Aluminum Cable Tray	90.54	22.25
26 05 36 00-2482	EA	Vertical Divider, 4" Deep, 24" Radius, 45 Degree, Aluminum Cable Tray	104.87	23.18
26 05 36 00-2483	EA	Vertical Divider, 4" Deep, 24" Radius, 60 Degree, Aluminum Cable Tray	118.37	24.23
26 05 36 00-2484	EA	Vertical Divider, 4" Deep, 24" Radius, 90 Degree, Aluminum Cable Tray	149.10	25.27
26 05 36 00-2485	EA	Vertical Divider, 4" Deep, 36" Radius, 30 Degree, Aluminum Cable Tray	121.98	23.18
26 05 36 00-2486	EA	Vertical Divider, 4" Deep, 36" Radius, 45 Degree, Aluminum Cable Tray	147.24	24.23
26 05 36 00-2487	EA	Vertical Divider, 4" Deep, 36" Radius, 60 Degree, Aluminum Cable Tray	172.62	25.27
26 05 36 00-2488	EA	Vertical Divider, 4" Deep, 36" Radius, 90 Degree, Aluminum Cable Tray	208.80	26.54
26 05 36 00-2489		**6" Deep Vertical Dividers** *(26 05 36 00-2458)*		
26 05 36 00-2490	EA	Vertical Divider, 6" Deep, 12" Radius, 30 Degree, Aluminum Cable Tray	74.94	22.25
26 05 36 00-2491	EA	Vertical Divider, 6" Deep, 12" Radius, 45 Degree, Aluminum Cable Tray	83.49	23.18
26 05 36 00-2492	EA	Vertical Divider, 6" Deep, 12" Radius, 60 Degree, Aluminum Cable Tray	87.37	24.23
26 05 36 00-2493	EA	Vertical Divider, 6" Deep, 12" Radius, 90 Degree, Aluminum Cable Tray	97.78	25.27
26 05 36 00-2494	EA	Vertical Divider, 6" Deep, 24" Radius, 30 Degree, Aluminum Cable Tray	94.18	23.18
26 05 36 00-2495	EA	Vertical Divider, 6" Deep, 24" Radius, 45 Degree, Aluminum Cable Tray	116.24	24.23
26 05 36 00-2496	EA	Vertical Divider, 6" Deep, 24" Radius, 60 Degree, Aluminum Cable Tray	125.58	25.27
26 05 36 00-2497	EA	Vertical Divider, 6" Deep, 24" Radius, 90 Degree, Aluminum Cable Tray	157.48	26.54
26 05 36 00-2498	EA	Vertical Divider, 6" Deep, 36" Radius, 30 Degree, Aluminum Cable Tray	124.79	24.23
26 05 36 00-2499	EA	Vertical Divider, 6" Deep, 36" Radius, 45 Degree, Aluminum Cable Tray	155.51	25.27
26 05 36 00-2500	EA	Vertical Divider, 6" Deep, 36" Radius, 60 Degree, Aluminum Cable Tray	177.80	26.54
26 05 36 00-2501	EA	Vertical Divider, 6" Deep, 36" Radius, 90 Degree, Aluminum Cable Tray	206.72	27.81

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2502		**Horizontal Dividers** *(26 05 36 00-2458)*		
26 05 36 00-2503	EA	3" Deep Horizontal Fitting Divider Strip, Aluminum Cable Tray	65.45	15.88
26 05 36 00-2504	EA	4" Deep Horizontal Fitting Divider Strip, Aluminum Cable Tray	71.74	17.39
26 05 36 00-2505	EA	6" Deep Horizontal Fitting Divider Strip, Aluminum Cable Tray	88.65	19.24
26 05 36 00-2506		**Cable Tray Wall Brackets** *(26 05 36 00-0001)*		
26 05 36 00-2507		**Wall Brackets** *(26 05 36 00-2506)*		
26 05 36 00-2508	EA	6" Wide Cable Tray Wall Bracket	88.59	23.18
26 05 36 00-2509	EA	9" Wide Cable Tray Wall Bracket	91.75	24.23
26 05 36 00-2510	EA	12" Wide Cable Tray Wall Bracket	100.76	25.27
26 05 36 00-2511	EA	18" Wide Cable Tray Wall Bracket	107.01	26.54
26 05 36 00-2512	EA	24" Wide Cable Tray Wall Bracket	116.35	27.81
26 05 36 00-2513	EA	30" Wide Cable Tray Wall Bracket	138.78	29.33
26 05 36 00-2514	EA	36" Wide Cable Tray Wall Bracket	166.43	31.29
26 05 36 00-2515		**Fiberglass Cable Tray** *(26 05 36 00-0001)*		
26 05 36 00-2516		**Ladder Bottom Fiberglass Cable Tray** *(26 05 36 00-2515)*		
		Note: Excludes hangers and support system.		
26 05 36 00-2517		**Straight Tray Sections** *(26 05 36 00-2516)*		
26 05 36 00-2518	LF	6" Fiberglass Cable Tray - Straight Section, 12" Rung Spacing	13.03	3.13
		For 9" Rung Spacing, Add	*0.29*	
		For 6" Rung Spacing, Add	*1.26*	
		For 4" Rung Spacing, Add	*2.31*	
		For 18" Rung Spacing, Deduct	*-0.21*	
		For Solid Bottom, Add	*3.21*	
		For Vented Trough Bottom, Add	*3.94*	
26 05 36 00-2519	LF	9" Fiberglass Cable Tray - Straight Section, 12" Rung Spacing	14.47	3.83
		For 9" Rung Spacing, Add	*0.30*	
		For 6" Rung Spacing, Add	*1.30*	
		For 4" Rung Spacing, Add	*2.39*	
		For 18" Rung Spacing, Deduct	*-0.22*	
		For Solid Bottom, Add	*3.47*	
		For Vented Trough Bottom, Add	*4.20*	
26 05 36 00-2520	LF	12" Fiberglass Cable Tray - Straight Section, 12" Rung Spacing	15.88	4.64
		For 9" Rung Spacing, Add	*0.31*	
		For 6" Rung Spacing, Add	*1.34*	
		For 4" Rung Spacing, Add	*2.45*	
		For 18" Rung Spacing, Deduct	*-0.22*	
		For Solid Bottom, Add	*3.72*	
		For Vented Trough Bottom, Add	*4.44*	
26 05 36 00-2521	LF	18" Fiberglass Cable Tray - Straight Section, 12" Rung Spacing	18.86	6.14
		For 9" Rung Spacing, Add	*0.34*	
		For 6" Rung Spacing, Add	*1.44*	
		For 4" Rung Spacing, Add	*2.64*	
		For 18" Rung Spacing, Deduct	*-0.24*	
		For Solid Bottom, Add	*4.27*	
		For Vented Trough Bottom, Add	*4.99*	
26 05 36 00-2522	LF	24" Fiberglass Cable Tray - Straight Section, 12" Rung Spacing	21.83	7.77
		For 9" Rung Spacing, Add	*0.36*	
		For 6" Rung Spacing, Add	*1.54*	
		For 4" Rung Spacing, Add	*2.82*	
		For 18" Rung Spacing, Deduct	*-0.26*	
		For Solid Bottom, Add	*4.81*	
		For Vented Trough Bottom, Add	*5.54*	
26 05 36 00-2523	LF	30" Fiberglass Cable Tray - Straight Section, 12" Rung Spacing	23.86	8.46
		For 9" Rung Spacing, Add	*0.39*	
		For 6" Rung Spacing, Add	*1.67*	
		For 4" Rung Spacing, Add	*3.06*	
		For 18" Rung Spacing, Deduct	*-0.28*	
		For Solid Bottom, Add	*5.25*	
		For Vented Trough Bottom, Add	*6.04*	
26 05 36 00-2524	LF	36" Fiberglass Cable Tray - Straight Section, 12" Rung Spacing	25.93	9.27
		For 9" Rung Spacing, Add	*0.42*	
		For 6" Rung Spacing, Add	*1.80*	
		For 4" Rung Spacing, Add	*3.31*	
		For 18" Rung Spacing, Deduct	*-0.30*	
		For Solid Bottom, Add	*5.69*	
		For Vented Trough Bottom, Add	*6.55*	
26 05 36 00-2525		**90 Degree Horizontal Elbows** *(26 05 36 00-2516)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2526	EA	6" Horizontal 90 Degree Elbow, Fiberglass Cable Tray	68.77	23.18
		For 9" Rung Spacing, Add	*1.19*	
		For 6" Rung Spacing, Add	*5.10*	
		For 4" Rung Spacing, Add	*9.35*	
		For 18" Rung Spacing, Deduct	*-0.85*	
		For Solid Bottom, Add	*15.42*	
		For Vented Trough Bottom, Add	*17.95*	
		For 60 Degree Bend, Deduct	*-14.70*	
		For 45 Degree Bend, Deduct	*-20.18*	
		For 30 Degree Bend, Deduct	*-25.65*	
26 05 36 00-2527	EA	9" Horizontal 90 Degree Elbow, Fiberglass Cable Tray	76.51	27.00
		For 9" Rung Spacing, Add	*1.26*	
		For 6" Rung Spacing, Add	*5.39*	
		For 4" Rung Spacing, Add	*9.89*	
		For 18" Rung Spacing, Deduct	*-0.90*	
		For Solid Bottom, Add	*16.87*	
		For Vented Trough Bottom, Add	*19.45*	
		For 60 Degree Bend, Deduct	*-15.92*	
		For 45 Degree Bend, Deduct	*-21.90*	
		For 30 Degree Bend, Deduct	*-27.88*	
26 05 36 00-2528	EA	12" Horizontal 90 Degree Elbow, Fiberglass Cable Tray	88.89	33.96
		For 9" Rung Spacing, Add	*1.33*	
		For 6" Rung Spacing, Add	*5.68*	
		For 4" Rung Spacing, Add	*10.42*	
		For 18" Rung Spacing, Deduct	*-0.95*	
		For Solid Bottom, Add	*19.02*	
		For Vented Trough Bottom, Add	*21.53*	
		For 60 Degree Bend, Deduct	*-17.60*	
		For 45 Degree Bend, Deduct	*-24.32*	
		For 30 Degree Bend, Deduct	*-31.04*	
26 05 36 00-2529	EA	18" Horizontal 90 Degree Elbow, Fiberglass Cable Tray	104.95	41.03
		For 9" Rung Spacing, Add	*1.52*	
		For 6" Rung Spacing, Add	*6.53*	
		For 4" Rung Spacing, Add	*11.97*	
		For 18" Rung Spacing, Deduct	*-1.09*	
		For Solid Bottom, Add	*22.27*	
		For Vented Trough Bottom, Add	*25.09*	
		For 60 Degree Bend, Deduct	*-20.50*	
		For 45 Degree Bend, Deduct	*-28.36*	
		For 30 Degree Bend, Deduct	*-36.22*	
26 05 36 00-2530	EA	24" Horizontal 90 Degree Elbow, Fiberglass Cable Tray	118.56	47.17
		For 9" Rung Spacing, Add	*1.68*	
		For 6" Rung Spacing, Add	*7.18*	
		For 4" Rung Spacing, Add	*13.16*	
		For 18" Rung Spacing, Deduct	*-1.20*	
		For Solid Bottom, Add	*24.96*	
		For Vented Trough Bottom, Add	*27.98*	
		For 60 Degree Bend, Deduct	*-22.86*	
		For 45 Degree Bend, Deduct	*-31.66*	
		For 30 Degree Bend, Deduct	*-40.46*	
26 05 36 00-2531	EA	30" Horizontal 90 Degree Elbow, Fiberglass Cable Tray	130.33	50.31
		For 9" Rung Spacing, Add	*1.93*	
		For 6" Rung Spacing, Add	*8.25*	
		For 4" Rung Spacing, Add	*15.13*	
		For 18" Rung Spacing, Deduct	*-1.38*	
		For Solid Bottom, Add	*27.80*	
		For Vented Trough Bottom, Add	*31.42*	
		For 60 Degree Bend, Deduct	*-25.68*	
		For 45 Degree Bend, Deduct	*-35.50*	
		For 30 Degree Bend, Deduct	*-45.32*	
26 05 36 00-2532	EA	36" Horizontal 90 Degree Elbow, Fiberglass Cable Tray	144.31	54.13
		For 9" Rung Spacing, Add	*2.21*	
		For 6" Rung Spacing, Add	*9.48*	
		For 4" Rung Spacing, Add	*17.37*	
		For 18" Rung Spacing, Deduct	*-1.58*	
		For Solid Bottom, Add	*31.12*	
		For Vented Trough Bottom, Add	*35.41*	
		For 60 Degree Bend, Deduct	*-28.96*	
		For 45 Degree Bend, Deduct	*-39.97*	
		For 30 Degree Bend, Deduct	*-50.97*	

26 05 36 00-2533 Inside Or Outside Vertical Risers *(26 05 36 00-2516)*

26 05 36 00-2534	EA	6" Vertical Inside Or Outside Riser 90, Fiberglass Cable Tray	104.28	23.18
		For 9" Rung Spacing, Add	*2.43*	
		For 6" Rung Spacing, Add	*10.43*	
		For 4" Rung Spacing, Add	*19.12*	
		For 18" Rung Spacing, Deduct	*-1.74*	
		For Solid Bottom, Add	*26.07*	
		For Vented Trough Bottom, Add	*32.15*	
		For 60 Degree Bend, Deduct	*-26.42*	
		For 45 Degree Bend, Deduct	*-35.80*	
		For 30 Degree Bend, Deduct	*-45.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2535	EA	9" Vertical Inside Or Outside Riser 90, Fiberglass	111.05	27.00
		For 9" Rung Spacing, Add	*2.47*	
		For 6" Rung Spacing, Add	*10.57*	
		For 4" Rung Spacing, Add	*19.38*	
		For 18" Rung Spacing, Deduct	*-1.76*	
		For Solid Bottom, Add	*27.23*	
		For Vented Trough Bottom, Add	*33.27*	
		For 60 Degree Bend, Deduct	*-27.32*	
		For 45 Degree Bend, Deduct	*-37.10*	
		For 30 Degree Bend, Deduct	*-46.88*	
26 05 36 00-2536	EA	12" Vertical Inside Or Outside Riser 90, Fiberglass Cable Tray	122.46	33.96
		For 9" Rung Spacing, Add	*2.50*	
		For 6" Rung Spacing, Add	*10.72*	
		For 4" Rung Spacing, Add	*19.65*	
		For 18" Rung Spacing, Deduct	*-1.79*	
		For Solid Bottom, Add	*29.09*	
		For Vented Trough Bottom, Add	*34.96*	
		For 60 Degree Bend, Deduct	*-28.68*	
		For 45 Degree Bend, Deduct	*-39.09*	
		For 30 Degree Bend, Deduct	*-49.50*	
26 05 36 00-2537	EA	18" Vertical Inside Or Outside Riser 90, Fiberglass Cable Tray	135.05	41.03
		For 9" Rung Spacing, Add	*2.58*	
		For 6" Rung Spacing, Add	*11.04*	
		For 4" Rung Spacing, Add	*20.25*	
		For 18" Rung Spacing, Deduct	*-1.84*	
		For Solid Bottom, Add	*31.30*	
		For Vented Trough Bottom, Add	*37.13*	
		For 60 Degree Bend, Deduct	*-30.44*	
		For 45 Degree Bend, Deduct	*-41.61*	
		For 30 Degree Bend, Deduct	*-52.78*	
26 05 36 00-2538	EA	24" Vertical Inside Or Outside Riser 90, Fiberglass Cable Tray	146.27	47.17
		For 9" Rung Spacing, Add	*2.64*	
		For 6" Rung Spacing, Add	*11.34*	
		For 4" Rung Spacing, Add	*20.78*	
		For 18" Rung Spacing, Deduct	*-1.89*	
		For Solid Bottom, Add	*33.28*	
		For Vented Trough Bottom, Add	*39.07*	
		For 60 Degree Bend, Deduct	*-32.01*	
		For 45 Degree Bend, Deduct	*-43.86*	
		For 30 Degree Bend, Deduct	*-55.70*	
26 05 36 00-2539	EA	30" Vertical Inside Or Outside Riser 90, Fiberglass Cable Tray	152.85	50.31
		For 9" Rung Spacing, Add	*2.71*	
		For 6" Rung Spacing, Add	*11.63*	
		For 4" Rung Spacing, Add	*21.32*	
		For 18" Rung Spacing, Deduct	*-1.94*	
		For Solid Bottom, Add	*34.56*	
		For Vented Trough Bottom, Add	*40.42*	
		For 60 Degree Bend, Deduct	*-33.11*	
		For 45 Degree Bend, Deduct	*-45.41*	
		For 30 Degree Bend, Deduct	*-57.70*	
26 05 36 00-2540	EA	36" Vertical Inside Or Outside Riser 90, Fiberglass Cable Tray	166.78	54.13
		For 9" Rung Spacing, Add	*3.00*	
		For 6" Rung Spacing, Add	*12.85*	
		For 4" Rung Spacing, Add	*23.55*	
		For 18" Rung Spacing, Deduct	*-2.14*	
		For Solid Bottom, Add	*37.86*	
		For Vented Trough Bottom, Add	*44.40*	
		For 60 Degree Bend, Deduct	*-36.38*	
		For 45 Degree Bend, Deduct	*-49.85*	
		For 30 Degree Bend, Deduct	*-63.33*	

26 05 36 00-2541 Horizontal Tees *(26 05 36 00-2516)*

26 05 36 00-2542	EA	6" Horizontal Tee, Fiberglass Cable Tray	146.91	57.95
		For 9" Rung Spacing, Add	*2.10*	
		For 6" Rung Spacing, Add	*9.00*	
		For 4" Rung Spacing, Add	*16.49*	
		For 18" Rung Spacing, Deduct	*-1.50*	
		For Solid Bottom, Add	*31.03*	
		For Vented Trough Bottom, Add	*34.86*	
26 05 36 00-2543	EA	9" Horizontal Tee, Fiberglass Cable Tray	164.36	68.04
		For 9" Rung Spacing, Add	*2.18*	
		For 6" Rung Spacing, Add	*9.35*	
		For 4" Rung Spacing, Add	*17.15*	
		For 18" Rung Spacing, Deduct	*-1.56*	
		For Solid Bottom, Add	*34.01*	
		For Vented Trough Bottom, Add	*37.69*	
26 05 36 00-2544	EA	12" Horizontal Tee, Fiberglass Cable Tray	186.44	81.13
		For 9" Rung Spacing, Add	*2.27*	
		For 6" Rung Spacing, Add	*9.71*	
		For 4" Rung Spacing, Add	*17.80*	
		For 18" Rung Spacing, Deduct	*-1.62*	
		For Solid Bottom, Add	*37.68*	
		For Vented Trough Bottom, Add	*41.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2545	EA	18" Horizontal Tee, Fiberglass Cable Tray	208.01	91.22
		For 9" Rung Spacing, Add	*2.49*	
		For 6" Rung Spacing, Add	*10.69*	
		For 4" Rung Spacing, Add	*19.59*	
		For 18" Rung Spacing, Deduct	*-1.78*	
		For Solid Bottom, Add	*41.89*	
		For Vented Trough Bottom, Add	*45.59*	
26 05 36 00-2546	EA	24" Horizontal Tee, Fiberglass Cable Tray	219.00	95.04
		For 9" Rung Spacing, Add	*2.68*	
		For 6" Rung Spacing, Add	*11.47*	
		For 4" Rung Spacing, Add	*21.02*	
		For 18" Rung Spacing, Deduct	*-1.91*	
		For Solid Bottom, Add	*44.32*	
		For Vented Trough Bottom, Add	*48.40*	
26 05 36 00-2547	EA	30" Horizontal Tee, Fiberglass Cable Tray	235.12	100.49
		For 9" Rung Spacing, Add	*2.96*	
		For 6" Rung Spacing, Add	*12.67*	
		For 4" Rung Spacing, Add	*23.22*	
		For 18" Rung Spacing, Deduct	*-2.11*	
		For Solid Bottom, Add	*47.94*	
		For Vented Trough Bottom, Add	*52.61*	
26 05 36 00-2548	EA	36" Horizontal Tee, Fiberglass Cable Tray	255.56	108.25
		For 9" Rung Spacing, Add	*3.27*	
		For 6" Rung Spacing, Add	*13.99*	
		For 4" Rung Spacing, Add	*25.65*	
		For 18" Rung Spacing, Deduct	*-2.33*	
		For Solid Bottom, Add	*52.33*	
		For Vented Trough Bottom, Add	*57.60*	

26 05 36 00-2549 Horizontal Crosses *(26 05 36 00-2516)*

26 05 36 00-2550	EA	6" Horizontal Cross, Fiberglass Cable Tray	227.54	100.49
		For 9" Rung Spacing, Add	*2.69*	
		For 6" Rung Spacing, Add	*11.53*	
		For 4" Rung Spacing, Add	*21.14*	
		For 18" Rung Spacing, Deduct	*-1.92*	
		For Solid Bottom, Add	*45.66*	
		For Vented Trough Bottom, Add	*49.58*	
26 05 36 00-2551	EA	9" Horizontal Cross, Fiberglass Cable Tray	241.41	108.25
		For 9" Rung Spacing, Add	*2.77*	
		For 6" Rung Spacing, Add	*11.87*	
		For 4" Rung Spacing, Add	*21.77*	
		For 18" Rung Spacing, Deduct	*-1.98*	
		For Solid Bottom, Add	*48.08*	
		For Vented Trough Bottom, Add	*51.94*	
26 05 36 00-2552	EA	12" Horizontal Cross, Fiberglass Cable Tray	255.28	116.02
		For 9" Rung Spacing, Add	*2.85*	
		For 6" Rung Spacing, Add	*12.21*	
		For 4" Rung Spacing, Add	*22.39*	
		For 18" Rung Spacing, Deduct	*-2.04*	
		For Solid Bottom, Add	*50.51*	
		For Vented Trough Bottom, Add	*54.30*	
26 05 36 00-2553	EA	18" Horizontal Cross, Fiberglass Cable Tray	273.36	123.67
		For 9" Rung Spacing, Add	*3.08*	
		For 6" Rung Spacing, Add	*13.19*	
		For 4" Rung Spacing, Add	*24.18*	
		For 18" Rung Spacing, Deduct	*-2.20*	
		For Solid Bottom, Add	*54.19*	
		For Vented Trough Bottom, Add	*58.35*	
26 05 36 00-2554	EA	24" Horizontal Cross, Fiberglass Cable Tray	289.93	131.43
		For 9" Rung Spacing, Add	*3.25*	
		For 6" Rung Spacing, Add	*13.93*	
		For 4" Rung Spacing, Add	*25.54*	
		For 18" Rung Spacing, Deduct	*-2.32*	
		For Solid Bottom, Add	*57.42*	
		For Vented Trough Bottom, Add	*61.79*	
26 05 36 00-2555	EA	30" Horizontal Cross, Fiberglass Cable Tray	309.74	139.20
		For 9" Rung Spacing, Add	*3.54*	
		For 6" Rung Spacing, Add	*15.17*	
		For 4" Rung Spacing, Add	*27.81*	
		For 18" Rung Spacing, Deduct	*-2.53*	
		For Solid Bottom, Add	*61.63*	
		For Vented Trough Bottom, Add	*66.53*	
26 05 36 00-2556	EA	36" Horizontal Cross, Fiberglass Cable Tray	335.42	149.16
		For 9" Rung Spacing, Add	*3.91*	
		For 6" Rung Spacing, Add	*16.76*	
		For 4" Rung Spacing, Add	*30.72*	
		For 18" Rung Spacing, Deduct	*-2.79*	
		For Solid Bottom, Add	*67.07*	
		For Vented Trough Bottom, Add	*72.65*	

26 05 36 00-2557 Horizontal Wyes *(26 05 36 00-2516)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2558	EA	6" Horizontal Wye, Fiberglass Cable Tray	140.84	57.95
		For 9" Rung Spacing, Add	*1.89*	
		For 6" Rung Spacing, Add	*8.09*	
		For 4" Rung Spacing, Add	*14.83*	
		For 18" Rung Spacing, Deduct	*-1.35*	
		For Solid Bottom, Add	*29.21*	
		For Vented Trough Bottom, Add	*32.43*	
26 05 36 00-2559	EA	9" Horizontal Wye, Fiberglass Cable Tray	148.82	61.89
		For 9" Rung Spacing, Add	*1.96*	
		For 6" Rung Spacing, Add	*8.42*	
		For 4" Rung Spacing, Add	*15.43*	
		For 18" Rung Spacing, Deduct	*-1.40*	
		For Solid Bottom, Add	*30.74*	
		For Vented Trough Bottom, Add	*34.03*	
26 05 36 00-2560	EA	12" Horizontal Wye, Fiberglass Cable Tray	179.95	81.13
		For 9" Rung Spacing, Add	*2.04*	
		For 6" Rung Spacing, Add	*8.74*	
		For 4" Rung Spacing, Add	*16.02*	
		For 18" Rung Spacing, Deduct	*-1.46*	
		For Solid Bottom, Add	*35.73*	
		For Vented Trough Bottom, Add	*38.51*	
26 05 36 00-2561	EA	18" Horizontal Wye, Fiberglass Cable Tray	200.87	91.22
		For 9" Rung Spacing, Add	*2.24*	
		For 6" Rung Spacing, Add	*9.62*	
		For 4" Rung Spacing, Add	*17.63*	
		For 18" Rung Spacing, Deduct	*-1.60*	
		For Solid Bottom, Add	*39.75*	
		For Vented Trough Bottom, Add	*42.74*	
26 05 36 00-2562	EA	24" Horizontal Wye, Fiberglass Cable Tray	211.20	95.04
		For 9" Rung Spacing, Add	*2.40*	
		For 6" Rung Spacing, Add	*10.30*	
		For 4" Rung Spacing, Add	*18.88*	
		For 18" Rung Spacing, Deduct	*-1.72*	
		For Solid Bottom, Add	*41.98*	
		For Vented Trough Bottom, Add	*45.28*	
26 05 36 00-2563	EA	30" Horizontal Wye, Fiberglass Cable Tray	226.67	100.49
		For 9" Rung Spacing, Add	*2.66*	
		For 6" Rung Spacing, Add	*11.40*	
		For 4" Rung Spacing, Add	*20.90*	
		For 18" Rung Spacing, Deduct	*-1.90*	
		For Solid Bottom, Add	*45.40*	
		For Vented Trough Bottom, Add	*49.23*	
26 05 36 00-2564	EA	36" Horizontal Wye, Fiberglass Cable Tray	246.24	108.25
		For 9" Rung Spacing, Add	*2.94*	
		For 6" Rung Spacing, Add	*12.60*	
		For 4" Rung Spacing, Add	*23.09*	
		For 18" Rung Spacing, Deduct	*-2.10*	
		For Solid Bottom, Add	*49.53*	
		For Vented Trough Bottom, Add	*53.87*	
26 05 36 00-2565		**Straight Reducers** *(26 05 36 00-2516)*		
26 05 36 00-2566	EA	9" To 6" Reducer, Fiberglass Cable Tray	65.30	23.18
		For 9" Rung Spacing, Add	*1.07*	
		For 6" Rung Spacing, Add	*4.58*	
		For 4" Rung Spacing, Add	*8.40*	
		For 18" Rung Spacing, Deduct	*-0.76*	
		For Solid Bottom, Add	*14.37*	
		For Vented Trough Bottom, Add	*16.56*	
26 05 36 00-2567	EA	12" To 9" Reducer, Fiberglass Cable Tray	71.54	27.00
		For 9" Rung Spacing, Add	*1.08*	
		For 6" Rung Spacing, Add	*4.65*	
		For 4" Rung Spacing, Add	*8.52*	
		For 18" Rung Spacing, Deduct	*-0.77*	
		For Solid Bottom, Add	*15.38*	
		For Vented Trough Bottom, Add	*17.46*	
26 05 36 00-2568	EA	18" To 12" Reducer, Fiberglass Cable Tray	77.76	30.94
		For 9" Rung Spacing, Add	*1.10*	
		For 6" Rung Spacing, Add	*4.71*	
		For 4" Rung Spacing, Add	*8.64*	
		For 18" Rung Spacing, Deduct	*-0.79*	
		For Solid Bottom, Add	*16.37*	
		For Vented Trough Bottom, Add	*18.36*	
26 05 36 00-2569	EA	24" To 18" Reducer, Fiberglass Cable Tray	83.48	33.96
		For 9" Rung Spacing, Add	*1.14*	
		For 6" Rung Spacing, Add	*4.87*	
		For 4" Rung Spacing, Add	*8.93*	
		For 18" Rung Spacing, Deduct	*-0.81*	
		For Solid Bottom, Add	*17.39*	
		For Vented Trough Bottom, Add	*19.37*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2570	EA	30" To 24" Reducer, Fiberglass Cable Tray	93.53	37.09
		For 9" Rung Spacing, Add	*1.33*	
		For 6" Rung Spacing, Add	*5.69*	
		For 4" Rung Spacing, Add	*10.42*	
		For 18" Rung Spacing, Deduct	*-0.95*	
		For Solid Bottom, Add	*19.71*	
		For Vented Trough Bottom, Add	*22.11*	
26 05 36 00-2571	EA	36" To 30" Reducer, Fiberglass Cable Tray	105.45	41.03
		For 9" Rung Spacing, Add	*1.54*	
		For 6" Rung Spacing, Add	*6.60*	
		For 4" Rung Spacing, Add	*12.11*	
		For 18" Rung Spacing, Deduct	*-1.10*	
		For Solid Bottom, Add	*22.42*	
		For Vented Trough Bottom, Add	*25.29*	
26 05 36 00-2572		Vertical Tees *(26 05 36 00-2516)*		
26 05 36 00-2573	EA	6" Vertical Tee, Fiberglass Cable Tray	201.47	57.95
		For 9" Rung Spacing, Add	*4.01*	
		For 6" Rung Spacing, Add	*17.18*	
		For 4" Rung Spacing, Add	*31.50*	
		For 18" Rung Spacing, Deduct	*-2.86*	
		For Solid Bottom, Add	*47.40*	
		For Vented Trough Bottom, Add	*56.69*	
26 05 36 00-2574	EA	9" Vertical Tee, Fiberglass Cable Tray	208.68	61.89
		For 9" Rung Spacing, Add	*4.06*	
		For 6" Rung Spacing, Add	*17.40*	
		For 4" Rung Spacing, Add	*31.89*	
		For 18" Rung Spacing, Deduct	*-2.90*	
		For Solid Bottom, Add	*48.70*	
		For Vented Trough Bottom, Add	*57.98*	
26 05 36 00-2575	EA	12" Vertical Tee, Fiberglass Cable Tray	239.06	81.13
		For 9" Rung Spacing, Add	*4.11*	
		For 6" Rung Spacing, Add	*17.60*	
		For 4" Rung Spacing, Add	*32.27*	
		For 18" Rung Spacing, Deduct	*-2.93*	
		For Solid Bottom, Add	*53.46*	
		For Vented Trough Bottom, Add	*62.16*	
26 05 36 00-2576	EA	18" Vertical Tee, Fiberglass Cable Tray	257.38	91.22
		For 9" Rung Spacing, Add	*4.22*	
		For 6" Rung Spacing, Add	*18.09*	
		For 4" Rung Spacing, Add	*33.17*	
		For 18" Rung Spacing, Deduct	*-3.02*	
		For Solid Bottom, Add	*56.70*	
		For Vented Trough Bottom, Add	*65.34*	
26 05 36 00-2577	EA	24" Vertical Tee, Fiberglass Cable Tray	266.20	95.04
		For 9" Rung Spacing, Add	*4.33*	
		For 6" Rung Spacing, Add	*18.55*	
		For 4" Rung Spacing, Add	*34.00*	
		For 18" Rung Spacing, Deduct	*-3.09*	
		For Solid Bottom, Add	*58.48*	
		For Vented Trough Bottom, Add	*67.28*	
26 05 36 00-2578	EA	30" Vertical Tee, Fiberglass Cable Tray	277.13	100.49
		For 9" Rung Spacing, Add	*4.43*	
		For 6" Rung Spacing, Add	*18.97*	
		For 4" Rung Spacing, Add	*34.78*	
		For 18" Rung Spacing, Deduct	*-3.16*	
		For Solid Bottom, Add	*60.54*	
		For Vented Trough Bottom, Add	*69.42*	
26 05 36 00-2579	EA	36" Vertical Tee, Fiberglass Cable Tray	301.98	108.25
		For 9" Rung Spacing, Add	*4.89*	
		For 6" Rung Spacing, Add	*20.96*	
		For 4" Rung Spacing, Add	*38.42*	
		For 18" Rung Spacing, Deduct	*-3.49*	
		For Solid Bottom, Add	*66.25*	
		For Vented Trough Bottom, Add	*76.17*	

26 05 39 Underfloor Raceways for Electrical Systems *(26 05)*

26 05 39 00-0001 Underfloor Ducts *(26 05 39)*

26 05 39 00-0002 Straight Duct Sections 10' Long, 14 Gauge Steel *(26 05 39 00-0001)*

26 05 39 00-0003 Standard Ducts, 3.8 Square Inches *(26 05 39 00-0002)*

26 05 39 00-0004	EA	Standard Underfloor Straight Duct Blank Without Inserts, 10' Long, 14 Gauge, 3.8 Square Inches	105.57	20.40
26 05 39 00-0005	EA	Standard Underfloor Straight Duct With 7/8" Inserts On 24" Centers, 10' Long, 14 Gauge, 3.8 Square Inches	133.38	23.88

26 05 39 00-0006 Large Capacity Ducts, 8.9 Square Inches *(26 05 39 00-0002)*

26 05 39 00-0007	EA	Large Capacity Underfloor Straight Duct Blank Without Inserts, 10' Long, 14 Gauge, 8.9 Square Inches	177.95	25.85
26 05 39 00-0008	EA	Large Capacity Underfloor Straight Duct With 7/8" Inserts On 24" Centers, 10' Long, 14 Gauge, 8.9 Square Inches	204.08	28.63

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 39 00-0009		**Junction Boxes** *(26 05 39 00-0001)*		
26 05 39 00-0010		**One Level Junction Boxes** *(26 05 39 00-0009)*		
26 05 39 00-0011	EA	1 Level UF Duct Junction Box, 1 Standard Duct Without Partitions In Box	270.96	40.56
26 05 39 00-0012	EA	1 Level UF Duct Junction Box, 1 Large Duct Without Partitions In Box	307.38	43.46
26 05 39 00-0013	EA	1 Level UF Duct Junction Box, 1 Standard And Large Duct Per Side With Partitions In Box Note: Isolate each duct and form a continuous raceway through the box in both directions.	501.83	40.56
26 05 39 00-0014	EA	1 Level UF Duct Junction Box, 2 Standard Ducts Per Side With Partitions In Box	337.50	43.46
26 05 39 00-0015	EA	1 Level UF Duct Junction Box, 3 Standard Ducts Per Side With Partitions In Box	538.64	57.14
26 05 39 00-0016	EA	1 Level UF Duct Junction Box, 2 Large Ducts Per Side With Partitions In Box Duct	760.35	62.12
26 05 39 00-0017		**Two Level Junction Boxes** *(26 05 39 00-0009)*		
26 05 39 00-0018	EA	2 Level UF Duct Junction Box, 2 Standard Duct Cross, Intersects At Right Angles, Raceway Bottom Level Note: Accepts two standard ducts to form a continuous raceway at right angles to the top level raceway.	1,171.94	41.03
26 05 39 00-0019	EA	2 Level UF Duct Junction Box, 2 Large Duct Bottom Level: Accepts Two Large Capacity Ducts	1,349.34	43.46
26 05 39 00-0020		**Elbow Fittings** *(26 05 39 00-0001)*		
26 05 39 00-0021		**90 Degree Horizontal Elbow** *(26 05 39 00-0020)*		
26 05 39 00-0022	EA	Underfloor Standard Duct Horizontal Elbow Fitting, 90 Degree	133.57	14.95
26 05 39 00-0023	EA	Underfloor Large Duct Horizontal Elbow Fitting, 90 Degree	137.71	14.95
26 05 39 00-0024		**90 Degree Vertical Elbow** *(26 05 39 00-0020)*		
26 05 39 00-0025	EA	Underfloor Standard Duct Vertical Elbow Fitting, 90 Degree	73.34	14.95
26 05 39 00-0026	EA	Underfloor Large Duct Vertical Elbow Fitting, 90 Degree	75.00	14.95
26 05 39 00-0027		**Offset Elbow** *(26 05 39 00-0020)* Note: Two elbows required for crossover or crossunder.		
26 05 39 00-0028	EA	Underfloor Standard Duct Offset Elbow 45 Degree, 2 Required For Over-Under	73.34	17.39
26 05 39 00-0029	EA	Underfloor Large Duct Offset Elbow 45 Degree, 2 Required For Over-Under	75.00	17.39
26 05 39 00-0030		**Couplings** *(26 05 39 00-0001)*		
26 05 39 00-0031		**Sleeve Couplings** *(26 05 39 00-0030)*		
26 05 39 00-0032	EA	Underfloor Standard Duct Sleeve Coupling	45.81	23.18
26 05 39 00-0033	EA	Underfloor Large Duct Sleeve Coupling	70.82	23.18
26 05 39 00-0034		**Expansion Couplings** *(26 05 39 00-0030)*		
26 05 39 00-0035	EA	Underfloor Standard Duct Expansion Coupling	104.46	23.18
26 05 39 00-0036	EA	Underfloor Large Duct Expansion Coupling	106.53	24.46
26 05 39 00-0037		**Reducing Couplings** *(26 05 39 00-0030)*		
26 05 39 00-0038	EA	Reducing Coupling, Large To Standard Duct Underfloor Duct Coupling	105.80	3.48
26 05 39 00-0039		**Duct Supports** *(26 05 39 00-0001)*		
26 05 39 00-0040		**Combination Support And Coupling** *(26 05 39 00-0039)* Note: Includes leveling legs and anchoring feet.		
26 05 39 00-0041	EA	1 Standard Duct Support And Coupling With Legs With Leveling Legs And Anchor Feet	104.81	48.68
26 05 39 00-0042	EA	2 Standard Duct Support And Coupling With Legs With Leveling Legs And Anchor Feet	116.66	48.68
26 05 39 00-0043	EA	3 Standard Duct Support And Coupling With Legs With Leveling Legs And Anchor Feet	128.60	48.68
26 05 39 00-0044	EA	1 Large Duct Support And Coupling With Legs With Leveling Legs And Anchor Feet	116.66	54.48
26 05 39 00-0045	EA	2 Large Duct Support And Coupling With Legs With Leveling Legs And Anchor Feet	140.81	54.48
26 05 39 00-0046	EA	1 Standard And 1 Large Duct Support And Coupling With Leveling Legs And Anchor Feet	128.60	57.95
26 05 39 00-0047	EA	2 Standard And 1 Large Duct Support And Coupling With Leveling Legs And Anchor Feet	128.60	57.95
26 05 39 00-0048	EA	1 Standard And 2 Large Duct Support And Coupling With Leveling Legs And Anchor Feet	140.81	57.95
26 05 39 00-0049		**Duct Support Only** *(26 05 39 00-0039)* Note: Includes leveling legs and anchoring feet.		
26 05 39 00-0050	EA	1 Underfloor Duct Support Only With Leveling Legs And Anchor Feet	94.80	42.89
26 05 39 00-0051	EA	2 Underfloor Duct Support Only With Leveling Legs And Anchor Feet	111.60	42.89
26 05 39 00-0052	EA	3 Underfloor Duct Support Only With Leveling Legs And Anchor Feet	129.76	42.89
26 05 39 00-0053		**Underfloor Duct Accessories** *(26 05 39 00-0001)*		
26 05 39 00-0054		**Plugs For Unused Junction Box Openings And Duct Ends** *(26 05 39 00-0053)*		
26 05 39 00-0055	EA	Standard Plugs For Unused Junction Box Opening And Underfloor Duct Ends	28.51	3.48
26 05 39 00-0056	EA	Large Plugs For Unused Junction Box Opening And Underfloor Duct Ends	29.12	3.48

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 39 00-0057		**Conduit Adapters** *(26 05 39 00-0053)*		
26 05 39 00-0058	EA	One 1-1/4" Conduit To Standard Duct Underfloor Conduit To Duct, Adapter	39.77	5.79
26 05 39 00-0059	EA	Two 1-1/4" Conduit To Standard Duct Underfloor Conduit To Duct, Adapter	42.21	5.79
26 05 39 00-0060	EA	One 2" Conduit To Standard Duct Underfloor Conduit To Duct, Adapter	40.97	5.79
26 05 39 00-0061	EA	Three 1-1/4" Conduit To Large Duct Underfloor Conduit To Duct, Adapter	42.19	5.79
26 05 39 00-0062		**Holders And Caps** *(26 05 39 00-0053)*		
26 05 39 00-0063	EA	Tile Holder, Underfloor Duct Accessories	254.05	48.68
26 05 39 00-0064	EA	Terrazzo Holder, Underfloor Duct Accessories	492.64	48.68
26 05 39 00-0065	EA	Closing Caps For Inserts, Underfloor Duct Accessories	3.26	1.16
26 05 39 00-0066		**Underfloor Dust Pans** *(26 05 39 00-0001)*		
26 05 39 00-0067	EA	Underfloor Dust Carpet Pan	113.02	6.36

26 05 43 Underground Ducts and Raceways for Electrical Systems *(26 05)*

Note: Includes warning tape. See CSI section 33 71 19 23-0000 for underground trenched ductbank.

26 05 46 Utility Poles for Electrical Systems *(26 05)*

26 05 46 00-0001 Wood Poles *(26 05 46)*

26 05 46 00-0002 Wood Pole, Class 3, Penta-Treated To 8 LB Retention *(26 05 46 00-0001)*

Note: Machine dig and set.

26 05 46 00-0003	EA	25' Treated Wood Pole, Class 3, Machine Dig And Set	960.24	304.16
		For Class 1 Pole, Add	*123.13*	
		For Class 2 Pole, Add	*70.36*	
		For Class 4 Pole, Deduct	*-35.18*	
		For Class 5 Pole, Deduct	*-105.54*	
		For Class 6 Pole, Deduct	*-140.72*	
26 05 46 00-0004	EA	30' Treated Wood Pole, Class 3, Machine Dig And Set	1,152.64	337.47
		For Class 1 Pole, Add	*167.18*	
		For Class 2 Pole, Add	*95.53*	
		For Class 4 Pole, Deduct	*-47.77*	
		For Class 5 Pole, Deduct	*-143.30*	
		For Class 6 Pole, Deduct	*-191.06*	
26 05 46 00-0005	EA	35' Treated Wood Pole, Class 3, Machine Dig And Set	1,493.18	446.33
		For Class 1 Pole, Add	*210.23*	
		For Class 2 Pole, Add	*120.13*	
		For Class 4 Pole, Deduct	*-60.07*	
		For Class 5 Pole, Deduct	*-180.20*	
		For Class 6 Pole, Deduct	*-240.26*	
26 05 46 00-0006	EA	40' Treated Wood Pole, Class 3, Machine Dig And Set	1,711.15	490.91
		For Class 1 Pole, Add	*255.28*	
		For Class 2 Pole, Add	*145.87*	
		For Class 4 Pole, Deduct	*-72.94*	
		For Class 5 Pole, Deduct	*-218.81*	
		For Class 6 Pole, Deduct	*-291.74*	
26 05 46 00-0007	EA	45' Treated Wood Pole, Class 3, Machine Dig And Set	1,957.43	546.77
		For Class 1 Pole, Add	*302.33*	
		For Class 2 Pole, Add	*172.76*	
		For Class 4 Pole, Deduct	*-86.38*	
		For Class 5 Pole, Deduct	*-259.14*	
		For Class 6 Pole, Deduct	*-345.52*	
26 05 46 00-0008	EA	50' Treated Wood Pole, Class 3, Machine Dig And Set	2,228.31	613.64
		For Class 1 Pole, Add	*350.38*	
		For Class 2 Pole, Add	*200.22*	
		For Class 4 Pole, Deduct	*-100.11*	
		For Class 5 Pole, Deduct	*-300.32*	
		For Class 6 Pole, Deduct	*-400.43*	
26 05 46 00-0009	EA	55' Treated Wood Pole, Class 3, Machine Dig And Set	2,494.05	674.94
		For Class 1 Pole, Add	*400.43*	
		For Class 2 Pole, Add	*228.82*	
		For Class 4 Pole, Deduct	*-114.41*	
		For Class 5 Pole, Deduct	*-343.23*	
		For Class 6 Pole, Deduct	*-457.64*	
26 05 46 00-0010	EA	60' Treated Wood Pole, Class 3, Machine Dig And Set	2,788.75	742.19
		For Class 1 Pole, Add	*456.49*	
		For Class 2 Pole, Add	*260.85*	
		For Class 4 Pole, Deduct	*-130.43*	
		For Class 5 Pole, Deduct	*-391.28*	
		For Class 6 Pole, Deduct	*-521.70*	
26 05 46 00-0011	EA	65' Treated Wood Pole, Class 3, Machine Dig And Set	4,623.17	808.93
		For Class 1 Pole, Add	*1,051.83*	
		For Class 2 Pole, Add	*601.05*	
		For Class 4 Pole, Deduct	*-300.52*	
		For Class 5 Pole, Deduct	*-901.57*	
		For Class 6 Pole, Deduct	*-1,202.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 46 00-0012	EA	70' Treated Wood Pole, Class 3, Machine Dig And Set	5,080.81	860.52
		For Class 1 Pole, Add	*1,175.91*	
		For Class 2 Pole, Add	*671.95*	
		For Class 4 Pole, Deduct	*-335.98*	
		For Class 5 Pole, Deduct	*-1,007.93*	
		For Class 6 Pole, Deduct	*-1,343.90*	
26 05 46 00-0013	EA	75' Treated Wood Pole, Class 3, Machine Dig And Set	5,588.75	919.09
		For Class 1 Pole, Add	*1,312.68*	
		For Class 2 Pole, Add	*750.10*	
		For Class 4 Pole, Deduct	*-375.05*	
		For Class 5 Pole, Deduct	*-1,125.15*	
		For Class 6 Pole, Deduct	*-1,500.20*	
26 05 46 00-0014		**Removal And Relocation Of Wood Poles With Cross Arm** *(26 05 46 00-0001)*		
26 05 46 00-0015	LF	Removal And Relocation Of Up To 75' Wood Pole With Cross Arms	25.91	
26 05 46 00-0016		**Crossarms** *(26 05 46)*		
		Note: Includes hardware and braces.		
26 05 46 00-0017		**Wood Single Arm Crossarms** *(26 05 46 00-0016)*		
26 05 46 00-0018	EA	3-1/2" x 4-1/2" x 5'-7", Single Arm Wood Crossarm, With Hardware And Braces	225.04	90.72
26 05 46 00-0019	EA	3-1/2" x 4-1/2" x 8'-0", Single Arm Wood Crossarm, With Hardware And Braces	271.73	90.72
26 05 46 00-0020	EA	3-3/4" x 4-3/4" x 10'-0", Single Arm Wood Crossarm, With Hardware And Braces	285.12	116.63
26 05 46 00-0021		**Wood Double Arm Crossarms** *(26 05 46 00-0016)*		
26 05 46 00-0022	EA	3-1/2" x 4-1/2" x 5'-7", Double Arm Wood Crossarm, With Hardware And Braces	578.55	252.71
26 05 46 00-0023	EA	3-1/2" x 4-1/2" x 8'-0", Double Arm Wood Crossarm, With Hardware And Braces	616.32	252.71
26 05 46 00-0024	EA	3-3/4" x 4-3/4" x 10'-0", Double Arm Wood Crossarm, With Hardware And Braces	641.30	252.71
26 05 46 00-0025		**Fiberglass Crossarms** *(26 05 46 00-0016)*		
		Note: Includes hardware.		
26 05 46 00-0026		**Single Phase, 15 Degree Angle** *(26 05 46 00-0025)*		
26 05 46 00-0027	EA	Fiberglass Cutout And Arrestor Bracket, 18", Minimum Ultimate Load 800 LB	259.53	
26 05 46 00-0028	EA	Fiberglass Insulator Bracket, 14", 11/16" Diameter Hole, Minimum Ultimate Load 1,200 LB	326.54	54.43
26 05 46 00-0029	EA	Fiberglass Insulator Bracket, 14", 1" Lead Threaded, Minimum Ultimate Load 1,200 LB	339.50	58.32
26 05 46 00-0030		**Two Phase, 15 Degree Angle** *(26 05 46 00-0025)*		
26 05 46 00-0031	EA	Fiberglass Insulator Bracket, 36", Minimum Ultimate Load 1,200 LB	406.52	69.98
26 05 46 00-0032		**Fiberglass Crossarm Accessories** *(26 05 46 00-0025)*		
26 05 46 00-0033	EA	Fiberglass Deadend Crossarm, 36", Minimum Ultimate Load 7,000 LB Per Conductor	657.32	89.42
26 05 46 00-0034	EA	Fiberglass Deadend Crossarm, 36", Minimum Ultimate Load 12,000 LB Per Conductor	778.35	108.86
26 05 46 00-0035	EA	Pole Top Pin, Hot Dip Galvanized, 18", 1" Lead Threaded	114.32	15.55
26 05 46 00-0036	EA	Three Phase Equipment Mounting Bracket	571.58	77.75
26 05 46 00-0037	EA	Fiberglass Bull Horn Crossarm	446.62	129.59
26 05 46 00-0038		**Insulator Support System** *(26 05 46 00-0016)*		
26 05 46 00-0039		**Epoxy Construction Units, In Place Mounting** *(26 05 46 00-0038)*		
		Note: Includes hardware.		
26 05 46 00-0040	EA	1-1/2" Diameter x 19" Long Pole Side Pins Vertical (1 Arm Installed), In Place Mounting	134.07	
26 05 46 00-0041	EA	1-1/2" Diameter x 15" Long Pole Top Pins, In Place Mounting	110.42	
26 05 46 00-0042	EA	Deadend Arms, In Place Mounting	326.91	
26 05 46 00-0043	EA	1-1/2" Diameter x 18" Long Pole Side Pins Vertical (2 Arms Installed), In Place Mounting	215.76	
26 05 46 00-0044		**Epoxy Construction Units, Grounding Mounting** *(26 05 46 00-0038)*		
		Note: Includes hardware.		
26 05 46 00-0045	EA	1-1/2" Diameter x 18" Long Pole Side Pins Vertical, Grounding Mounting	96.56	
26 05 46 00-0046	EA	1-1/2" Diameter x 15" Long Pole Top Pins, Grounding Mounting	85.42	
26 05 46 00-0047	EA	Deadend Arms, Grounding Mounting	301.91	
26 05 46 00-0048		**Guying** *(26 05 46)*		
		Note: Includes cable, anchor and rod assembly, guy marker.		
26 05 46 00-0049		**Down Guy** *(26 05 46 00-0048)*		
26 05 46 00-0050	EA	Down Guy For 25' To 40' Pole	956.02	362.87
26 05 46 00-0051	EA	Down Guy For 45' To 60' Pole	977.55	362.87
26 05 46 00-0052	EA	Down Guy For 65' To 75' Pole	1,021.82	362.87
26 05 46 00-0053	EA	Guy Guard, Plastic	46.63	
26 05 46 00-0054		**Head Guy, 50' Spans** *(26 05 46 00-0048)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 46 00-0055	EA	Head Guy (50' Span), For 25' To 40' Pole	1,349.26	557.27
26 05 46 00-0056	EA	Head Guy (50' Span), For 45' To 60' Pole	1,349.26	557.27
26 05 46 00-0057	EA	Head Guy (50' Span), For 65' To 75' Pole	1,349.26	557.27
26 05 46 00-0058		**Guy Strain Insulators Additional Insulators** *(26 05 46 00-0048)*		
		Note: As required at same material cost and labor.		
26 05 46 00-0059	EA	Guy Strain Insulator	553.55	272.15
26 05 46 00-0060		**Insulators** *(26 05 46)*		
26 05 46 00-0061		**Pin Insulator With Pin** *(26 05 46 00-0060)*		
26 05 46 00-0062	EA	5 KV Class 55-3, Pin Insulator With Pin	174.40	77.75
26 05 46 00-0063	EA	15 KV Class 55-5, Pin Insulator With Pin	179.69	77.75
26 05 46 00-0064		**Suspension Insulator** *(26 05 46 00-0060)*		
		Note: Includes clevis and strain clamp.		
26 05 46 00-0065	EA	5 KV Class 52-2, Suspension Insulator, With Clevis And Strain Clamp	221.86	103.68
26 05 46 00-0066	EA	15 KV Class 52-4, Suspension Insulator, With Clevis And Strain Clamp	236.24	103.68
26 05 46 00-0067	EA	25 KV Class 2 x 52-4, Suspension Insulator, With Clevis And Strain Clamp	332.21	129.59
26 05 46 00-0068	EA	50 KV Class 4 x 52-4, Suspension Insulator, With Clevis And Strain Clamp	527.34	207.35
26 05 46 00-0069		**Spool Insulator With Clevis** *(26 05 46 00-0060)*		
26 05 46 00-0070	EA	5 KV Class 53-5, Spool Insulator With Clevis	73.87	32.40
26 05 46 00-0071	EA	15 KV Class, Spool Insulator With Clevis	237.08	116.63
26 05 46 00-0072	EA	25 KV Class, Spool Insulator With Clevis	307.41	116.63
26 05 46 00-0073		**Secondary Rack** *(26 05 46 00-0060)*		
26 05 46 00-0074	EA	1 Spool Secondary Rack	146.70	64.80
26 05 46 00-0075	EA	2 Spool Secondary Rack	151.35	82.68
26 05 46 00-0076	EA	3 Spool Secondary Rack	226.59	110.16
26 05 46 00-0077	EA	4 Spool Secondary Rack	254.55	110.16
26 05 46 00-0078		**Outdoor Load Break Switches** *(26 05 46)*		
		Note: 3-Phase, group operated, 3-insulator, vertical break, high strength pin insulators worm gear operating mechanism operating rods, mechanisms, and switch bases are galvanized steel.		
26 05 46 00-0079		**7.2 KV Outdoor Load Break Switches** *(26 05 46 00-0078)*		
26 05 46 00-0080	EA	600 Amperes, 7.2 KV, Outdoor Load Break Switch, 3 Phase Vertical Break, 3 Insulator	4,841.53	440.62
26 05 46 00-0081	EA	1,200 Amperes, 7.2 KV, Outdoor Load Break Switch, 3 Phase Vertical Break, 3 Insulator	9,539.73	440.62
26 05 46 00-0082	EA	1,600 Amperes, 7.2 KV, Outdoor Load Break Switch, 3 Phase Vertical Break, 3 Insulator	14,213.77	745.17
26 05 46 00-0083	EA	2,000 Amperes, 7.2 KV, Outdoor Load Break Switch, 3 Phase Vertical Break, 3 Insulator	14,481.74	745.17
26 05 46 00-0084		**14.4 KV Outdoor Load Break Switches** *(26 05 46 00-0078)*		
26 05 46 00-0085	EA	600 Amperes, 14.4 KV, Outdoor Load Break Switch, 3 Phase Vertical Break, 3 Insulator	5,930.50	440.62
26 05 46 00-0086	EA	1,200 Amperes, 14.4 KV, Outdoor Load Break Switch, 3 Phase Vertical Break, 3 Insulator	11,287.40	440.62
26 05 46 00-0087	EA	1,600 Amperes, 14.4 KV, Outdoor Load Break Switch, 3 Phase Vertical Break, 3 Insulator	14,213.77	745.17
26 05 46 00-0088	EA	2,000 Amperes, 14.4 KV, Outdoor Load Break Switch, 3 Phase Vertical Break, 3 Insulator	14,481.74	745.17
26 05 46 00-0089		**23 KV Outdoor Load Break Switches** *(26 05 46 00-0078)*		
26 05 46 00-0090	EA	600 Amperes, 23 KV, Outdoor Load Break Switch, 3 Phase Vertical Break, 3 Insulator	6,535.32	511.91
26 05 46 00-0091	EA	1,200 Amperes, 23 KV, Outdoor Load Break Switch, 3 Phase Vertical Break, 3 Insulator	12,347.53	511.91
26 05 46 00-0092	EA	1,600 Amperes, 23 KV, Outdoor Load Break Switch, 3 Phase Vertical Break, 3 Insulator	14,835.57	881.25
26 05 46 00-0093	EA	2,000 Amperes, 23 KV, Outdoor Load Break Switch, 3 Phase Vertical Break, 3 Insulator	15,112.32	881.25
26 05 46 00-0094		**Square Distribution Poles** *(26 05 46)*		
26 05 46 00-0095		**Square Steel Tapered Shaft Distribution Poles** *(26 05 46 00-0094)*		
26 05 46 00-0096	EA	20', Steel Taped Shaft Distribution Pole	4,143.30	550.79
26 05 46 00-0097	EA	25', Steel Taped Shaft Distribution Pole	4,630.47	583.18
26 05 46 00-0098	EA	30', Steel Taped Shaft Distribution Pole	5,014.16	647.98
26 05 46 00-0099	EA	35', Steel Taped Shaft Distribution Pole	5,551.72	712.78
26 05 46 00-0100	EA	40', Steel Taped Shaft Distribution Pole	7,653.98	777.58
26 05 46 00-0101		**Square Prestressed Concrete Distribution Poles** *(26 05 46 00-0094)*		
26 05 46 00-0102	EA	30', Prestressed Concrete Square Pole For Distribution	4,953.08	983.96
26 05 46 00-0103	EA	35', Prestressed Concrete Square Pole For Distribution	5,598.05	1,079.19
26 05 46 00-0104	EA	40', Prestressed Concrete Square Pole For Distribution	6,571.03	1,206.15
26 05 46 00-0105	EA	45', Prestressed Concrete Square Pole For Distribution	7,404.78	1,333.11
26 05 46 00-0106	EA	50', Prestressed Concrete Square Pole For Distribution	6,086.80	1,618.78
26 05 46 00-0107	EA	55', Prestressed Concrete Square Pole For Distribution	10,444.42	1,904.45
26 05 46 00-0108	EA	60', Prestressed Concrete Square Pole For Distribution	12,325.69	2,158.38

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 46 00-0109	EA	65', Prestressed Concrete Square Pole For Distribution	14,875.97	2,666.22
26 05 46 00-0110	EA	70', Prestressed Concrete Square Pole For Distribution	16,664.60	2,920.15
26 05 46 00-0111		Aluminum Tapered Poles *(26 05 46)*		
26 05 46 00-0112		Aluminum Tapered Round Seamless Shaft Poles *(26 05 46 00-0111)*		
26 05 46 00-0113	EA	20', Aluminum Tapered Round Seamless Shaft Pole For Distribution	3,867.36	485.98
26 05 46 00-0114	EA	25', Aluminum Tapered Round Seamless Shaft Pole For Distribution	5,467.93	518.38
26 05 46 00-0115	EA	30', Aluminum Tapered Round Seamless Shaft Pole For Distribution	6,295.54	583.18
26 05 46 00-0116	EA	35', Aluminum Tapered Round Seamless Shaft Pole For Distribution	7,493.84	647.98
26 05 46 00-0117	EA	40', Aluminum Tapered Round Seamless Shaft Pole For Distribution	11,499.79	712.78
26 05 46 00-0118		Steel Service Poles Distribution *(26 05 46)*		
		Note: Direct embedded, bearing plate on base end, pole cap on top end, grounding nut, galvanized finish.		
26 05 46 00-0119		Round Tapered Pole *(26 05 46 00-0118)*		
26 05 46 00-0120	EA	40', Galvanized Steel Tapered Round Pole For Distribution	5,326.72	777.58
26 05 46 00-0121	EA	45', Galvanized Steel Tapered Round Pole For Distribution	6,218.23	842.37
26 05 46 00-0122	EA	50', Galvanized Steel Tapered Round Pole For Distribution	6,620.90	907.17
26 05 46 00-0123	EA	55', Galvanized Steel Tapered Round Pole For Distribution	7,810.82	1,036.77
26 05 46 00-0124	EA	60', Galvanized Steel Tapered Round Pole For Distribution	9,711.56	1,166.36
26 05 46 00-0125	EA	65', Galvanized Steel Tapered Round Pole For Distribution	11,448.70	1,491.81
26 05 46 00-0126	EA	70', Galvanized Steel Tapered Round Pole For Distribution	12,729.26	1,692.42
26 05 46 00-0127	EA	75', Galvanized Steel Tapered Round Pole For Distribution	14,059.82	1,904.45
26 05 46 00-0128	EA	80', Galvanized Steel Tapered Round Pole For Distribution	15,757.15	2,158.38
26 05 46 00-0129	EA	85', Galvanized Steel Tapered Round Pole For Distribution	16,844.92	2,285.33
26 05 46 00-0130	EA	90', Galvanized Steel Tapered Round Pole For Distribution	18,248.31	2,539.26
26 05 46 00-0131	EA	95', Galvanized Steel Tapered Round Pole For Distribution	20,079.38	2,856.66
26 05 46 00-0132	EA	100', Galvanized Steel Tapered Round Pole For Distribution	22,107.98	3,237.55
26 05 46 00-0133		12 Sided Tapered *(26 05 46 00-0118)*		
26 05 46 00-0134	EA	40', Galvanized Steel Tapered 12 Sided Pole For Distribution	9,370.00	777.58
26 05 46 00-0135	EA	45', Galvanized Steel Tapered 12 Sided Pole For Distribution	10,349.11	842.37
26 05 46 00-0136	EA	50', Galvanized Steel Tapered 12 Sided Pole For Distribution	11,473.05	907.17
26 05 46 00-0137	EA	55', Galvanized Steel Tapered 12 Sided Pole For Distribution	12,586.38	1,036.77
26 05 46 00-0138	EA	60', Galvanized Steel Tapered 12 Sided Pole For Distribution	16,825.76	1,166.36
26 05 46 00-0139	EA	65', Galvanized Steel Tapered 12 Sided Pole For Distribution	18,606.66	1,491.81
26 05 46 00-0140	EA	70', Galvanized Steel Tapered 12 Sided Pole For Distribution	21,570.10	1,692.42
26 05 46 00-0141	EA	75', Galvanized Steel Tapered 12 Sided Pole For Distribution	23,179.33	1,904.45
26 05 46 00-0142	EA	80', Galvanized Steel Tapered 12 Sided Pole For Distribution	24,865.20	2,158.38
26 05 46 00-0143	EA	85', Galvanized Steel Tapered 12 Sided Pole For Distribution	26,341.52	2,285.33
26 05 46 00-0144	EA	90', Galvanized Steel Tapered 12 Sided Pole For Distribution	29,925.00	2,539.26
26 05 46 00-0145	EA	95', Galvanized Steel Tapered 12 Sided Pole For Distribution	31,723.35	2,856.66
26 05 46 00-0146	EA	100', Galvanized Steel Tapered 12 Sided Pole For Distribution	33,828.39	3,237.55
26 05 46 00-0147	EA	105', Galvanized Steel Tapered 12 Sided Pole For Distribution	36,089.92	3,618.44
26 05 46 00-0148		Standard Options For Round, 12 Sided and Octagonal Tapered Poles *(26 05 46 00-0118)*		
26 05 46 00-0149	EA	Ladder Clips	23.16	
26 05 46 00-0150	EA	Coal Tar Epoxy Coating From Base To 1' Above Ground Line	173.76	
26 05 46 00-0151	EA	Ground Sleeve-2' At Ground Line	174.77	
26 05 46 00-0152		Arms With Baseplates And Endplates *(26 05 46 00-0118)*		
26 05 46 00-0153	EA	4' Arm With Baseplate And Endplate	885.39	129.59
26 05 46 00-0154	EA	5' Arm With Baseplate And Endplate	970.30	129.59
26 05 46 00-0155	EA	6' Arm With Baseplate And Endplate	1,185.83	194.40
26 05 46 00-0156	EA	7' Arm With Baseplate And Endplate	1,260.10	194.40
26 05 46 00-0157	EA	8' Arm With Baseplate And Endplate	1,473.63	259.19
26 05 46 00-0158	EA	9' Arm With Baseplate And Endplate	1,558.49	259.19
26 05 46 00-0159	EA	10' Arm With Baseplate And Endplate	2,080.85	323.99
26 05 46 00-0160	EA	11' Arm With Baseplate And Endplate	2,176.12	323.99
26 05 46 00-0161		Standard Vangs Load Bearing At Any Angle *(26 05 46 00-0118)*		
26 05 46 00-0162	EA	15,000 LB Standard Vangs Load Bearing At Any Angle	329.22	129.59
26 05 46 00-0163	EA	30,000 LB Standard Vangs Load Bearing At Any Angle	381.23	129.59
26 05 46 00-0164	EA	45,000 LB Standard Vangs Load Bearing At Any Angle	452.37	129.59
26 05 46 00-0165		Armless Construction Brackets *(26 05 46 00-0118)*		
26 05 46 00-0166		Verticals Insulator And Equipment Bracket *(26 05 46 00-0165)*		
26 05 46 00-0167	EA	7" 1 Position Vertical Insulation And Equipment Bracket	337.69	129.59
26 05 46 00-0168	EA	12" 1 Position Vertical Insulation And Equipment Bracket	370.54	129.59
26 05 46 00-0169	EA	12" 3 Position Vertical Insulation And Equipment Bracket	423.90	129.59
26 05 46 00-0170	EA	18" 1 Position Vertical Insulation And Equipment Bracket	588.04	194.40

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 46 00-0171	EA	18" 3 Position Vertical Insulation And Equipment Bracket	619.20	194.40
26 05 46 00-0172		**Horizontal And Multiple Insulator Brackets** *(26 05 46 00-0165)*		
26 05 46 00-0173	EA	Sidepole 1 7/8" Clearance Horizontal And Multiple Insulation Brackets	312.12	129.59
26 05 46 00-0174	EA	Sidepole 2" Clearance Horizontal And Multiple Insulation Brackets	381.14	129.59
26 05 46 00-0175	EA	Sidepole 9" Clearance Horizontal And Multiple Insulation Brackets	554.62	194.40
26 05 46 00-0176	EA	Sidepole 10" Clearance Horizontal And Multiple Insulation Brackets	717.50	194.40
26 05 46 00-0177	EA	Sidepole 15" Clearance Horizontal And Multiple Insulation Brackets	915.33	259.19
26 05 46 00-0178	EA	Sidepole 20" Clearance Horizontal And Multiple Insulation Brackets	1,001.78	259.19
26 05 46 00-0179		**Pole Top Bracket And Pins** *(26 05 46 00-0165)*		
26 05 46 00-0180	EA	Pole Top Pin - 5"	322.14	129.59
26 05 46 00-0181	EA	Pole Top Bracket - 5"	338.90	129.59
26 05 46 00-0182		**Angle Pins** *(26 05 46 00-0165)*		
26 05 46 00-0183	EA	Angle Pin - 25 Degree, 6"	319.87	129.59
26 05 46 00-0184	EA	Angle Pin - 25 Degree, 7 1/4"	374.30	129.59
26 05 46 00-0185		**Static And Neutral Wire Brackets** *(26 05 46 00-0165)*		
26 05 46 00-0186	EA	Neutral Wire Extension Bracket	332.01	129.59
26 05 46 00-0187	EA	Static Wire Support Bracket	337.23	129.59
26 05 46 00-0188		**Cutout, Arrestor And Terminator Brackets** *(26 05 46 00-0165)*		
26 05 46 00-0189	EA	Cutout And Arrestor, With Mounting Bracket	293.66	129.59
26 05 46 00-0190	EA	Equipment Mounting T Bracket	316.22	129.59
26 05 46 00-0191	EA	15 KV Cutout	419.47	
26 05 46 00-0192	EA	9/10 KV Arrestor	387.74	129.59
26 05 46 00-0193		**Spacer Cable, Conduit Support And Cluster Bracket** *(26 05 46 00-0165)*		
26 05 46 00-0194	EA	Parallel Cable Spacer	369.48	129.59
26 05 46 00-0195	EA	Conduit Standoff Support Bracket	352.82	129.59
26 05 46 00-0196	EA	Three Transformer Pole Mounted Cluster Bracket	930.64	129.59
26 05 46 00-0197		**15 KV, 200 Amperes, Solenoid Operated High Voltage Switch** *(26 05 46 00-0165)*		
		Note: Includes pole mounting bracket.		
26 05 46 00-0198	EA	15 KV, 1 Phase, Solenoid Switch With Pole Bracket	2,046.16	323.99
26 05 46 00-0199		**Octagonal Tapered** *(26 05 46 00-0118)*		
26 05 46 00-0200	EA	40', Galvanized Steel Tapered Octagonal Pole For Distribution	9,670.52	777.58
26 05 46 00-0201	EA	45', Galvanized Steel Tapered Octagonal Pole For Distribution	10,682.42	842.37
26 05 46 00-0202	EA	50', Galvanized Steel Tapered Octagonal Pole For Distribution	11,844.61	907.17
26 05 46 00-0203	EA	55', Galvanized Steel Tapered Octagonal Pole For Distribution	12,990.72	1,101.56
26 05 46 00-0204	EA	60', Galvanized Steel Tapered Octagonal Pole For Distribution	17,383.10	1,166.36
26 05 46 00-0205	EA	65', Galvanized Steel Tapered Octagonal Pole For Distribution	19,207.71	1,491.81
26 05 46 00-0206	EA	70', Galvanized Steel Tapered Octagonal Pole For Distribution	22,269.50	1,587.04
26 05 46 00-0207	EA	75', Galvanized Steel Tapered Octagonal Pole For Distribution	23,925.17	1,904.45
26 05 46 00-0208	EA	80', Galvanized Steel Tapered Octagonal Pole For Distribution	25,654.74	2,031.41
26 05 46 00-0209	EA	85', Galvanized Steel Tapered Octagonal Pole For Distribution	27,177.53	2,285.33
26 05 46 00-0210	EA	90', Galvanized Steel Tapered Octagonal Pole For Distribution	30,878.48	2,412.29
26 05 46 00-0211	EA	95', Galvanized Steel Tapered Octagonal Pole For Distribution	32,726.01	2,856.66
26 05 46 00-0212	EA	100', Galvanized Steel Tapered Octagonal Pole For Distribution	34,880.23	3,047.11
26 05 46 00-0213	EA	105', Galvanized Steel Tapered Octagonal Pole For Distribution	37,196.40	3,428.00
26 05 46 00-0214		**Removal And Relocation Of Steel Service Poles** *(26 05 46 00-0118)*		
26 05 46 00-0215	LF	Removal And Relocation Of Steel Service Poles With Arms Up To 60'	45.35	
26 05 46 00-0216		**Special Steel Bases For Poles** *(26 05 46 00-0118)*		
26 05 46 00-0217	EA	Spin-In Steel Base For Poles	302.01	
26 05 46 00-0218	EA	Series 3, 25' Pole And less	338.38	64.80
26 05 46 00-0219	EA	Series 4, 40' Pole And less	404.23	74.51
26 05 46 00-0220	EA	Series 5, 50' Pole And less	463.58	81.00

26 05 53 Identification for Electrical Systems *(26 05)*

26 05 53 00-0001		**Conduit Markers Pressure-Sensitive** *(26 05 53)*		
		Note: Stick-on, includes arrow tape.		
26 05 53 00-0002	EA	1/2" Outside Diameter Pressure Sensitive Marker Stick-on	13.26	
26 05 53 00-0003	EA	3/4" Outside Diameter Pressure Sensitive Marker Stick-on	13.83	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 53 00-0004	EA	1" Outside Diameter Pressure Sensitive Marker Stick-on	15.01	
26 05 53 00-0005	EA	1-1/4" Outside Diameter Pressure Sensitive Marker Stick-on	15.23	
26 05 53 00-0006	EA	1-1/2" Outside Diameter Pressure Sensitive Marker Stick-on	15.46	
26 05 53 00-0007	EA	2" Outside Diameter Pressure Sensitive Marker Stick-on	15.82	
26 05 53 00-0008	EA	2-1/2" Outside Diameter Pressure Sensitive Marker Stick-on	18.68	
26 05 53 00-0009	EA	3" Outside Diameter Pressure Sensitive Marker Stick-on	19.14	
26 05 53 00-0010	EA	3-1/2" Outside Diameter Pressure Sensitive Marker Stick-on	19.49	
26 05 53 00-0011	EA	4" Outside Diameter Pressure Sensitive Marker Stick-on	19.85	
26 05 53 00-0012	EA	4-1/2" Outside Diameter Pressure Sensitive Marker Stick-on	20.57	
26 05 53 00-0013	EA	5" Outside Diameter Pressure Sensitive Marker Stick-on	21.35	
26 05 53 00-0014	EA	6" Outside Diameter Pressure Sensitive Marker Stick-on	22.03	
26 05 53 00-0015	EA	7" Outside Diameter Pressure Sensitive Marker Stick-on	22.72	
26 05 53 00-0016	EA	8" Outside Diameter Pressure Sensitive Marker Stick-on	25.03	
26 05 53 00-0017	EA	10" Outside Diameter Pressure Sensitive Marker Stick-on	26.30	

26 05 53 00-0018 Labeling Existing Electrical Wires *(26 05 53)*

Note: Self-adhesive vinyl coated white cloth

26 05 53 00-0019	EA	Labeling Existing Wire	3.58	

26 05 53 00-0020 Equipment Labeling *(26 05 53)*

26 05 53 00-0021	EA	Label Both Ends Of One 4 Pair Cable	22.81	
26 05 53 00-0022	EA	Label single gang face plate (2 labels required)	18.25	
26 05 53 00-0023	EA	Label two gang face plate (4 labels required)	27.37	
26 05 53 00-0024	EA	Label both ends of a Siamese (dual 4 Pair cable)	22.81	

26 05 83 Wiring Connections *(26 05)*

26 05 83 00-0001 Motor/Equipment Connections And Terminations *(26 05 83)*

Note: Includes rotation testing. If equipment rating is other than horsepower (KW, CFM, tons, Btu/Hr, etc.) convert units to horsepower and select proper circuit characteristics. Includes material conduit (6 LF max.), connectors and conductors. To connect electrical wiring to all new or existing equipment motors. See CSI section 23 05 13 00-0000 for motors, 23 05 13 00-0216 for motor mounting.

26 05 83 00-0002 AC Single Phase, 230 Volt *(26 05 83 00-0001)*

26 05 83 00-0003	EA	<1/2 HP AC Motor Single Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	72.61	28.98
26 05 83 00-0004	EA	1/2 HP AC Motor Single Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	72.12	28.98
26 05 83 00-0005	EA	3/4 HP AC Motor Single Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	84.30	34.77
26 05 83 00-0006	EA	1 HP AC Motor Single Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	102.78	43.46
26 05 83 00-0007	EA	1-1/2 HP AC Motor Single Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	103.76	43.46
26 05 83 00-0008	EA	2 HP AC Motor Single Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	103.96	43.46
26 05 83 00-0009	EA	3 HP AC Motor Single Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	107.20	43.46
26 05 83 00-0010	EA	5 HP AC Motor Single Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	136.58	57.95
26 05 83 00-0011	EA	7-1/2 HP AC Motor Single Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	140.22	57.95
26 05 83 00-0012	EA	10 HP AC Motor Single Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	177.35	72.44

26 05 83 00-0013 AC Three Phase, 230 Volt *(26 05 83 00-0001)*

26 05 83 00-0014	EA	1/2 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	72.12	28.98
26 05 83 00-0015	EA	3/4 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	84.30	34.77
26 05 83 00-0016	EA	1 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	102.78	43.46
26 05 83 00-0017	EA	1-1/2 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	103.76	43.46
26 05 83 00-0018	EA	2 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	103.96	43.46
26 05 83 00-0019	EA	3 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	107.20	43.46
26 05 83 00-0020	EA	5 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	136.58	57.95
26 05 83 00-0021	EA	7-1/2 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	140.22	57.95
26 05 83 00-0022	EA	10 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	177.35	72.44
26 05 83 00-0023	EA	15 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	182.27	72.44
26 05 83 00-0024	EA	20 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	230.64	86.93
26 05 83 00-0025	EA	25 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	238.13	86.93
26 05 83 00-0026	EA	30 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	325.31	115.91
26 05 83 00-0027	EA	40 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	407.86	144.87
26 05 83 00-0028	EA	50 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	480.19	173.85
26 05 83 00-0029	EA	60 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	572.18	202.83
26 05 83 00-0030	EA	75 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	657.89	231.81
26 05 83 00-0031	EA	100 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	816.22	289.76
26 05 83 00-0032	EA	125 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	963.57	344.82
26 05 83 00-0033	EA	150 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	1,142.11	402.19
26 05 83 00-0034	EA	200 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	1,623.12	603.16

26 05 83 00-0035 AC Three Phase, 460 Volt *(26 05 83 00-0001)*

26 05 83 00-0036	EA	1/2 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	72.12	28.98
26 05 83 00-0037	EA	3/4 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	84.30	34.77
26 05 83 00-0038	EA	1 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	102.78	43.46
26 05 83 00-0039	EA	1-1/2 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	103.76	43.46
26 05 83 00-0040	EA	2 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	103.96	43.46
26 05 83 00-0041	EA	3 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	107.20	43.46
26 05 83 00-0042	EA	5 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	136.58	57.95

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 83 00-0043	EA	7-1/2 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	140.22	57.95
26 05 83 00-0044	EA	10 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	177.35	72.44
26 05 83 00-0045	EA	15 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	182.27	72.44
26 05 83 00-0046	EA	20 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	230.65	86.93
26 05 83 00-0047	EA	25 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	238.12	86.93
26 05 83 00-0048	EA	30 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	325.31	115.91
26 05 83 00-0049	EA	40 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	408.21	145.12
26 05 83 00-0050	EA	50 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	480.19	173.85
26 05 83 00-0051	EA	60 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	572.18	202.83
26 05 83 00-0052	EA	75 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	657.89	231.81
26 05 83 00-0053	EA	100 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	816.22	289.76
26 05 83 00-0054	EA	125 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	963.90	344.93
26 05 83 00-0055	EA	150 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	1,142.55	402.42
26 05 83 00-0056	EA	200 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing	1,624.13	603.63
26 05 83 00-0057		**AC Single Phase, 120 Volt** *(26 05 83 00-0001)*		
26 05 83 00-0058	EA	1/2 HP AC And Less Single Phase, 120 Volt Motor/Equipment, Connection, Termination And Rotation Testing	72.61	28.98
26 05 83 00-0059		**Motor Moisture Sensor** *(26 05 83 00-0001)*		
26 05 83 00-0060	EA	Motor Moisture Sensor Located In Winding	836.81	
26 05 83 00-0061		**Tape Wrapped Compression Connectors** *(26 05 83)*		
26 05 83 00-0062	EA	#6 AWG Compression Connection, Tape Wrapped Low Voltage, To 600 Volt	14.99	5.21
26 05 83 00-0063	EA	#4 AWG Compression Connection, Tape Wrapped Low Voltage, To 600 Volt	16.39	5.79
26 05 83 00-0064	EA	#2 AWG Compression Connection, Tape Wrapped Low Voltage, To 600 Volt	17.66	6.37
26 05 83 00-0065	EA	1/0 AWG Compression Connection, Tape Wrapped Low Voltage, To 600 Volt	20.33	6.96
26 05 83 00-0066	EA	2/0 AWG Compression Connection, Tape Wrapped Low Voltage, To 600 Volt	21.88	7.54
26 05 83 00-0067	EA	3/0 AWG Compression Connection, Tape Wrapped Low Voltage, To 600 Volt	24.22	8.11
26 05 83 00-0068	EA	4/0 AWG Compression Connection, Tape Wrapped Low Voltage, To 600 Volt	25.94	8.69
26 05 83 00-0069	EA	250 MCM Compression Connection, Tape Wrapped Low Voltage, To 600 Volt	28.22	9.27
26 05 83 00-0070	EA	300 MCM Compression Connection, Tape Wrapped Low Voltage, To 600 Volt	31.26	10.43
26 05 83 00-0071	EA	350 MCM Compression Connection, Tape Wrapped Low Voltage, To 600 Volt	32.81	11.02
26 05 83 00-0072	EA	400 MCM Compression Connection, Tape Wrapped Low Voltage, To 600 Volt	36.35	11.59
26 05 83 00-0073	EA	500 MCM Compression Connection, Tape Wrapped Low Voltage, To 600 Volt	39.45	12.17
26 05 83 00-0074	EA	750 MCM Compression Connection, Tape Wrapped Low Voltage, To 600 Volt	44.02	13.33
26 05 83 00-0075	EA	1,000 MCM Compression Connection, Tape Wrapped Low Voltage, To 600 Volt	50.97	15.06
26 05 83 00-0076		**One Hole Compression Lugs** *(26 05 83)*		
26 05 83 00-0077	EA	#22-18 AWG Low Voltage (To 600 Volt) One Hole Compression Lug	19.85	15.06
26 05 83 00-0078	EA	#16-14 AWG Low Voltage (To 600 Volt) One Hole Compression Lug	19.98	15.06
26 05 83 00-0079	EA	#12-10 AWG Low Voltage (To 600 Volt) One Hole Compression Lug	22.60	16.23
26 05 83 00-0080	EA	#8 AWG Low Voltage (To 600 Volt) One Hole Compression Lug	27.84	17.96
26 05 83 00-0081	EA	#6 AWG Low Voltage (To 600 Volt) One Hole Compression Lug	39.17	23.18
26 05 83 00-0082	EA	#4 AWG Low Voltage (To 600 Volt) One Hole Compression Lug	45.96	23.18
26 05 83 00-0083	EA	#2 AWG Low Voltage (To 600 Volt) One Hole Compression Lug	52.88	23.18
26 05 83 00-0084	EA	1/0 AWG Low Voltage (To 600 Volt) One Hole Compression Lug	65.21	34.77
26 05 83 00-0085	EA	2/0 AWG Low Voltage (To 600 Volt) One Hole Compression Lug	76.49	34.77
26 05 83 00-0086	EA	3/0 AWG Low Voltage (To 600 Volt) One Hole Compression Lug	89.52	34.77
26 05 83 00-0087	EA	4/0 AWG Low Voltage (To 600 Volt) One Hole Compression Lug	107.97	46.36
26 05 83 00-0088	EA	250 MCM Low Voltage (To 600 Volt) One Hole Compression Lug	128.06	69.54
26 05 83 00-0089	EA	300 MCM Low Voltage (To 600 Volt) One Hole Compression Lug	146.49	69.54
26 05 83 00-0090	EA	350 MCM Low Voltage (To 600 Volt) One Hole Compression Lug	157.46	69.54
26 05 83 00-0091	EA	400 MCM Low Voltage (To 600 Volt) One Hole Compression Lug	171.42	81.13
26 05 83 00-0092	EA	500 MCM Low Voltage (To 600 Volt) One Hole Compression Lug	187.39	81.13
26 05 83 00-0093	EA	750 MCM Low Voltage (To 600 Volt) One Hole Compression Lug	203.67	92.72
26 05 83 00-0094	EA	1,000 MCM Low Voltage (To 600 Volt) One Hole Compression Lug	239.07	104.31
26 05 83 00-0095		**Two Hole Compression Lugs** *(26 05 83)*		
26 05 83 00-0096	EA	#8 AWG Low Voltage (To 600 Volt) Two Hole Compression Lug	40.48	19.71
26 05 83 00-0097	EA	#6 AWG Low Voltage (To 600 Volt) Two Hole Compression Lug	43.43	20.98
26 05 83 00-0098	EA	#4 AWG Low Voltage (To 600 Volt) Two Hole Compression Lug	45.81	20.98
26 05 83 00-0099	EA	#2 AWG Low Voltage (To 600 Volt) Two Hole Compression Lug	52.71	24.11
26 05 83 00-0100	EA	1/0 AWG Low Voltage (To 600 Volt) Two Hole Compression Lug	65.03	30.14
26 05 83 00-0101	EA	2/0 AWG Low Voltage (To 600 Volt) Two Hole Compression Lug	76.30	35.81
26 05 83 00-0102	EA	3/0 AWG Low Voltage (To 600 Volt) Two Hole Compression Lug	89.31	41.96
26 05 83 00-0103	EA	4/0 AWG Low Voltage (To 600 Volt) Two Hole Compression Lug	107.73	50.88
26 05 83 00-0104	EA	250 MCM Low Voltage (To 600 Volt) Two Hole Compression Lug	127.78	60.39
26 05 83 00-0105	EA	300 MCM Low Voltage (To 600 Volt) Two Hole Compression Lug	146.16	68.96
26 05 83 00-0106	EA	350 MCM Low Voltage (To 600 Volt) Two Hole Compression Lug	157.12	74.29
26 05 83 00-0107	EA	400 MCM Low Voltage (To 600 Volt) Two Hole Compression Lug	171.02	80.44
26 05 83 00-0108	EA	500 MCM Low Voltage (To 600 Volt) Two Hole Compression Lug	186.95	87.85
26 05 83 00-0109	EA	750 MCM Low Voltage (To 600 Volt) Two Hole Compression Lug	204.18	95.27
26 05 83 00-0110	EA	1,000 MCM Low Voltage (To 600 Volt) Two Hole Compression Lug	252.36	115.91

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

26 05 83 00-0111 Tape Wrapped Split Bolt Connectors *(26 05 83)*

26 05 83 00-0112	EA	#8 AWG Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volt	60.69	46.36
26 05 83 00-0113	EA	#6 AWG Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volt	66.73	49.84
26 05 83 00-0114	EA	#4 AWG Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volt	76.05	52.16
26 05 83 00-0115	EA	#2 AWG Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volt	88.19	57.95
26 05 83 00-0116	EA	1/0 AWG Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volt	104.00	63.75
26 05 83 00-0117	EA	2/0 AWG Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volt	116.27	69.54
26 05 83 00-0118	EA	3/0 AWG Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volt	145.20	75.33
26 05 83 00-0119	EA	4/0 AWG Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volt	155.77	81.13
26 05 83 00-0120	EA	250 MCM Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volt	164.12	86.93
26 05 83 00-0121	EA	300 MCM Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volt	186.76	95.62
26 05 83 00-0122	EA	350 MCM Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volt	209.38	139.08
26 05 83 00-0123	EA	400 MCM Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volt	229.18	115.91
26 05 83 00-0124	EA	500 MCM Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volt	248.96	156.47
26 05 83 00-0125	EA	750 MCM Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volt	275.34	162.27
26 05 83 00-0126	EA	1,000 MCM Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volt	310.89	173.85

26 05 83 00-0127 Cable Termination Lugs Handwrapped, No Stress Cone *(26 05 83)*

26 05 83 00-0128	EA	#8 Or #6 AWG Cable Termination Lugs, Wrapped, No Stress Cones, Low Volt, To 600 Volt	99.08	46.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*24.34*	
26 05 83 00-0129	EA	#4 AWG Cable Termination Lugs, Wrapped, No Stress Cones, Low Volt, To 600 Volt	110.38	46.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.59*	
26 05 83 00-0130	EA	1/0 AWG Cable Termination Lugs, Wrapped, No Stress Cones, Low Volt, To 600 Volt	152.95	69.54
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*38.63*	
26 05 83 00-0131	EA	4/0 AWG Cable Termination Lugs, Wrapped, No Stress Cones, Low Volt, To 600 Volt	173.85	69.54
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*44.58*	
26 05 83 00-0132	EA	300 MCM Cable Termination Lugs, Wrapped, No Stress Cones, Low Volt, To 600 Volt	207.84	86.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*52.69*	
26 05 83 00-0133	EA	500 MCM Cable Termination Lugs, Wrapped, No Stress Cones, Low Volt, To 600 Volt	290.11	115.91
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*72.44*	

26 05 83 00-0134 Terminal Blocks *(26 05 83)*

Note: Labor excludes wire termination.

26 05 83 00-0135	EA	Power Distribution Block, 250 MCM 3 Phase Terminal Block, No Labor Wire Termination, 600 Volt	1,005.28	428.84
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*257.56*	
26 05 83 00-0136	EA	#22 To #10 Wire Size, 12 Point, 600 Volt Terminal Block	249.45	58.05
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*35.17*	
26 05 83 00-0137	EA	#8 To #2 Wire Size, 12 Point, 600 Volt Terminal Block	274.34	58.05
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*35.54*	

26 05 83 00-0138 Parallel Gutter Tap Or Motor Connection *(26 05 83)*

26 05 83 00-0139	EA	#8 AWG Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap	40.47	20.98
26 05 83 00-0140	EA	#6 AWG Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap	43.43	20.98
26 05 83 00-0141	EA	#4 AWG Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap	45.81	20.98
26 05 83 00-0142	EA	#2 AWG Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap	52.71	24.11
26 05 83 00-0143	EA	1/0 AWG Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap	65.03	30.14
26 05 83 00-0144	EA	2/0 AWG Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap	76.30	35.81
26 05 83 00-0145	EA	3/0 AWG Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap	89.31	41.96
26 05 83 00-0146	EA	4/0 AWG Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap	107.73	50.88
26 05 83 00-0147	EA	250 MCM Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap	127.78	60.39
26 05 83 00-0148	EA	300 MCM Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap	146.16	68.96
26 05 83 00-0149	EA	350 MCM Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap	157.12	74.29
26 05 83 00-0150	EA	400 MCM Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap	171.02	80.44
26 05 83 00-0151	EA	500 MCM Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap	186.95	87.85
26 05 83 00-0152	EA	750 MCM Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap	187.35	87.85
26 05 83 00-0153	EA	#8 AWG Parallel Gutter Tap, Versitap, Insulating Cover	40.47	20.98
26 05 83 00-0154	EA	#6 AWG Parallel Gutter Tap, Versitap, Insulating Cover	43.43	20.98
26 05 83 00-0155	EA	#4 AWG Parallel Gutter Tap, Versitap, Insulating Cover	45.81	20.98
26 05 83 00-0156	EA	#2 AWG Parallel Gutter Tap, Versitap, Insulating Cover	52.71	24.11
26 05 83 00-0157	EA	1/0 AWG Parallel Gutter Tap, Versitap, Insulating Cover	65.03	30.14
26 05 83 00-0158	EA	2/0 AWG Parallel Gutter Tap, Versitap, Insulating Cover	76.30	35.81
26 05 83 00-0159	EA	3/0 AWG Parallel Gutter Tap, Versitap, Insulating Cover	89.31	41.96
26 05 83 00-0160	EA	4/0 AWG Parallel Gutter Tap, Versitap, Insulating Cover	107.73	50.88
26 05 83 00-0161	EA	250 MCM Parallel Gutter Tap, Versitap, Insulating Cover	127.78	60.39
26 05 83 00-0162	EA	300 MCM Parallel Gutter Tap, Versitap, Insulating Cover	146.16	68.96
26 05 83 00-0163	EA	350 MCM Parallel Gutter Tap, Versitap, Insulating Cover	157.12	74.29
26 05 83 00-0164	EA	400 MCM Parallel Gutter Tap, Versitap, Insulating Cover	171.02	80.44
26 05 83 00-0165	EA	500 MCM Parallel Gutter Tap, Versitap, Insulating Cover	186.95	87.85
26 05 83 00-0166	EA	750 MCM Parallel Gutter Tap, Versitap, Insulating Cover	187.35	87.85

26 05 83 00-0167 Copper Mechanical Lugs *(26 05 83)*

26 05 83 00-0168	EA	#8 Copper Mechanical Lugs	33.07	14.48
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.69*	
26 05 83 00-0169	EA	#6 Copper Mechanical Lugs	39.68	17.50
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.50*	
26 05 83 00-0170	EA	#4 Copper Mechanical Lugs	45.84	20.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 83 00-0171	EA	#2 Copper Mechanical Lugs	60.04	25.85
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.52*	
26 05 83 00-0172	EA	1/0 Copper Mechanical Lugs	80.88	34.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.87*	
26 05 83 00-0173	EA	2/0 Copper Mechanical Lugs	96.50	40.33
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*24.23*	
26 05 83 00-0174	EA	3/0 Copper Mechanical Lugs	112.90	46.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.82*	
26 05 83 00-0175	EA	4/0 Copper Mechanical Lugs	128.59	52.04
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*31.19*	
26 05 83 00-0176	EA	250 MCM Copper Mechanical Lugs	147.37	57.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*34.77*	
26 05 83 00-0177	EA	300 MCM Copper Mechanical Lugs	165.87	63.75
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*38.26*	
26 05 83 00-0178	EA	350 MCM Copper Mechanical Lugs	184.31	69.54
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*41.72*	
26 05 83 00-0179	EA	400 MCM Copper Mechanical Lugs	202.61	75.33
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*45.17*	
26 05 83 00-0180	EA	500 MCM Copper Mechanical Lugs	221.21	81.13
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*48.68*	
26 05 83 00-0181	EA	750 MCM Copper Mechanical Lugs	250.67	92.37
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*55.46*	
26 05 83 00-0182	EA	1,000 MCM Copper Mechanical Lugs	283.82	104.31
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*62.59*	

26 05 83 00-0183 Gel Connectors *(26 05 83)*

26 05 83 00-0184	EA	3 Port, #14 to 2/0, Push On Gel Stub Splice Kit Note: Kit contains connector, gel filled cap and cap clamp.	66.90	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.48*	
26 05 83 00-0185	EA	4 Port, #14 to 2, Gel Tap Splice Kit	64.36	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.18*	

26 05 83 00-0186 Other Connections *(26 05 83)*

26 05 83 00-0187	EA	#14 AWG Motor Connection, Spade Lug, Machine Bolt/Nut, Insulated With Tape	11.42	5.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.18*	
26 05 83 00-0188	EA	#12 AWG Motor Connection, Spade Lug, Machine Bolt/Nut, Insulated With Tape	11.50	5.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.18*	
26 05 83 00-0189	EA	#10 AWG Motor Connection, Spade Lug, Machine Bolt/Nut, Insulated With Tape	11.58	5.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.18*	

26 09 Instrumentation and Control for Electrical Systems *(26)*

Note: Includes testing of new devices and certification.

26 09 23 Lighting Control Devices *(26 09)*

26 09 23 00-0001 Lighting Contactors *(26 09 23)*

Note: Up to 600 volt.

26 09 23 00-0002 Electrically Held, Lighting Contactors *(26 09 23 00-0001)*

26 09 23 00-0003 NEMA 1 Enclosure, Electrically Held, Lighting Contactors *(26 09 23 00-0002)*

26 09 23 00-0004 2-Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactors *(26 09 23 00-0003)*

26 09 23 00-0005	EA	20 Amperes, 2 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor	526.92	92.72
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*55.64*	
26 09 23 00-0006	EA	30 Amperes, 2 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor	655.19	104.31
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*62.59*	
26 09 23 00-0007	EA	60 Amperes, 2 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor	1,239.25	162.27
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*97.36*	
26 09 23 00-0008	EA	100 Amperes, 2 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor	1,942.46	220.22
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*132.13*	
26 09 23 00-0009	EA	200 Amperes, 2 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor	4,111.75	289.76
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*173.86*	

26 09 23 00-0010 3-Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactors *(26 09 23 00-0003)*

26 09 23 00-0011	EA	20 Amperes, 3 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor	595.21	104.31
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*62.59*	
26 09 23 00-0012	EA	30 Amperes, 3 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor	717.78	115.91
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*69.54*	
26 09 23 00-0013	EA	60 Amperes, 3 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor	1,338.15	185.45
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*111.27*	
26 09 23 00-0014	EA	100 Amperes, 3 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor	2,095.77	243.39
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*146.04*	
26 09 23 00-0015	EA	200 Amperes, 3 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor	4,410.81	318.74
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*191.24*	

26 09 23 00-0016 4-Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactors *(26 09 23 00-0003)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0017	EA	20 Amperes, 4 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor	703.52	115.91
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*69.54*	
26 09 23 00-0018	EA	30 Amperes, 4 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor	848.85	127.49
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*76.50*	
26 09 23 00-0019	EA	60 Amperes, 4 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor	1,624.68	208.62
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*125.18*	
26 09 23 00-0020	EA	100 Amperes, 4 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor	2,516.45	266.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*159.95*	
26 09 23 00-0021	EA	200 Amperes, 4 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor	5,653.67	347.71
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*208.63*	
26 09 23 00-0022		**NEMA 3R Enclosure, Electrically Held, Lighting Contactors** *(26 09 23 00-0002)*		
26 09 23 00-0023		**2-Pole, NEMA 3R Enclosure, Electrically Held, Lighting Contactors** *(26 09 23 00-0022)*		
26 09 23 00-0024	EA	30 Amperes, 2 Pole, NEMA 3R Enclosure, Electrically Held, Lighting Contactor	875.71	104.31
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*62.59*	
26 09 23 00-0025	EA	60 Amperes, 2 Pole, NEMA 3R Enclosure, Electrically Held, Lighting Contactor	1,786.67	162.27
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*97.36*	
26 09 23 00-0026	EA	100 Amperes, 2 Pole, NEMA 3R Enclosure, Electrically Held, Lighting Contactor	2,697.63	220.22
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*132.13*	
26 09 23 00-0027		**3-Pole, NEMA 3R Enclosure, Electrically Held, Lighting Contactors** *(26 09 23 00-0022)*		
26 09 23 00-0028	EA	30 Amperes, 3 Pole, NEMA 3R Enclosure, Electrically Held, Lighting Contactor	1,263.36	115.91
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*69.54*	
26 09 23 00-0029	EA	60 Amperes, 3 Pole, NEMA 3R Enclosure, Electrically Held, Lighting Contactor	1,957.89	185.45
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*111.27*	
26 09 23 00-0030	EA	100 Amperes, 3 Pole, NEMA 3R Enclosure, Electrically Held, Lighting Contactor	2,972.76	243.39
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*146.04*	
26 09 23 00-0031	EA	200 Amperes, 3 Pole, NEMA 3R Enclosure, Electrically Held, Lighting Contactor	6,942.09	318.74
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*191.24*	
26 09 23 00-0032		**4-Pole, NEMA 3R Enclosure, Electrically Held, Lighting Contactors** *(26 09 23 00-0022)*		
26 09 23 00-0033	EA	30 Amperes, 4 Pole, NEMA 3R Enclosure, Electrically Held, Lighting Contactor	1,188.52	127.49
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*76.50*	
26 09 23 00-0034	EA	60 Amperes, 4 Pole, NEMA 3R Enclosure, Electrically Held, Lighting Contactor	1,960.44	208.62
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*125.18*	
26 09 23 00-0035	EA	100 Amperes, 4 Pole, NEMA 3R Enclosure, Electrically Held, Lighting Contactor	2,686.00	266.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*159.95*	
26 09 23 00-0036		**NEMA 4 Enclosure, Electrically Held, Lighting Contactors** *(26 09 23 00-0002)*		
26 09 23 00-0037		**2-Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactors** *(26 09 23 00-0036)*		
26 09 23 00-0038	EA	20 Amperes, 2 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor	889.93	92.72
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*55.64*	
26 09 23 00-0039	EA	30 Amperes, 2 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor	1,136.47	104.31
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*62.59*	
26 09 23 00-0040	EA	60 Amperes, 2 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor	2,199.00	162.27
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*97.36*	
26 09 23 00-0041	EA	100 Amperes, 2 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor	3,305.62	220.22
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*132.13*	
26 09 23 00-0042	EA	200 Amperes, 2 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor	6,438.42	289.76
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*173.86*	
26 09 23 00-0043		**3-Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactors** *(26 09 23 00-0036)*		
26 09 23 00-0044	EA	20 Amperes, 3 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor	920.28	104.31
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*62.59*	
26 09 23 00-0045	EA	30 Amperes, 3 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor	1,199.07	115.91
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*69.54*	
26 09 23 00-0046	EA	60 Amperes, 3 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor	2,300.71	185.45
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*111.27*	
26 09 23 00-0047	EA	100 Amperes, 3 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor	3,458.00	243.39
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*146.04*	
26 09 23 00-0048	EA	200 Amperes, 3 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor	6,736.54	318.74
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*191.24*	
26 09 23 00-0049		**4-Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactors** *(26 09 23 00-0036)*		
26 09 23 00-0050	EA	20 Amperes, 4 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor	993.72	115.91
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*69.54*	
26 09 23 00-0051	EA	30 Amperes, 4 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor	1,330.14	127.49
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*76.50*	
26 09 23 00-0052	EA	60 Amperes, 4 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor	2,961.58	208.62
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*125.18*	
26 09 23 00-0053	EA	100 Amperes, 4 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor	4,253.01	266.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*159.95*	
26 09 23 00-0054	EA	200 Amperes, 4 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor	9,011.39	347.71
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*208.63*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0055		NEMA 12/3R Enclosure, Electrically Held, Lighting Contactors *(26 09 23 00-0002)*		
26 09 23 00-0056		2-Pole, NEMA 12/3R Enclosure, Electrically Held, Lighting Contactors *(26 09 23 00-0055)*		
26 09 23 00-0057	EA	60 Amperes, 2 Pole, NEMA 12/3R Enclosure, Electrically Held, Lighting Contactor	2,693.56	162.27
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*97.36*	
26 09 23 00-0058	EA	100 Amperes, 2 Pole, NEMA 12/3R Enclosure, Electrically Held, Lighting Contactor	3,824.76	220.22
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*132.13*	
26 09 23 00-0059	EA	200 Amperes, 2 Pole, NEMA 12/3R Enclosure, Electrically Held, Lighting Contactor	3,566.48	289.76
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*173.86*	
26 09 23 00-0060		3-Pole, NEMA 12/3R Enclosure, Electrically Held, Lighting Contactors *(26 09 23 00-0055)*		
26 09 23 00-0061	EA	60 Amperes, 3 Pole, NEMA 12/3R Enclosure, Electrically Held, Lighting Contactor	2,875.72	185.45
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*111.27*	
26 09 23 00-0062	EA	100 Amperes, 3 Pole, NEMA 12/3R Enclosure, Electrically Held, Lighting Contactor	4,065.13	243.39
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*146.04*	
26 09 23 00-0063		4-Pole, NEMA 12/3R Enclosure, Electrically Held, Lighting Contactors *(26 09 23 00-0055)*		
26 09 23 00-0064	EA	60 Amperes, 4 Pole, NEMA 12/3R Enclosure, Electrically Held, Lighting Contactor	1,457.88	208.62
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*125.18*	
26 09 23 00-0065	EA	100 Amperes, 4 Pole, NEMA 12/3R Enclosure, Electrically Held, Lighting Contactor	2,019.76	266.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*159.95*	
26 09 23 00-0066		Mechanically Held, Lighting Contactors *(26 09 23 00-0001)*		
26 09 23 00-0067		NEMA 1 Enclosure, Mechanically Held, Lighting Contactors *(26 09 23 00-0066)*		
26 09 23 00-0068		2-Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactors *(26 09 23 00-0067)*		
26 09 23 00-0069	EA	20 Amperes, 2 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor	791.49	92.72
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*55.64*	
26 09 23 00-0070	EA	30 Amperes, 2 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor	900.99	104.31
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*62.59*	
26 09 23 00-0071	EA	60 Amperes, 2 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor	1,717.72	162.27
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*97.36*	
26 09 23 00-0072	EA	100 Amperes, 2 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor	2,395.59	220.22
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*132.13*	
26 09 23 00-0073	EA	200 Amperes, 2 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor	5,582.80	289.76
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*173.86*	
26 09 23 00-0074		3-Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactors *(26 09 23 00-0067)*		
26 09 23 00-0075	EA	20 Amperes, 3 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor	844.40	104.31
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*62.59*	
26 09 23 00-0076	EA	30 Amperes, 3 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor	965.46	115.91
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*69.54*	
26 09 23 00-0077	EA	60 Amperes, 3 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor	1,819.43	185.45
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*111.27*	
26 09 23 00-0078	EA	100 Amperes, 3 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor	2,549.84	243.39
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*146.04*	
26 09 23 00-0079	EA	200 Amperes, 3 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor	6,280.59	318.74
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*191.24*	
26 09 23 00-0080		4-Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactors *(26 09 23 00-0067)*		
26 09 23 00-0081	EA	20 Amperes, 4 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor	910.66	115.91
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*69.54*	
26 09 23 00-0082	EA	30 Amperes, 4 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor	1,028.05	127.49
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*76.50*	
26 09 23 00-0083	EA	60 Amperes, 4 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor	2,131.29	208.62
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*125.18*	
26 09 23 00-0084	EA	100 Amperes, 4 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor	2,997.73	266.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*159.95*	
26 09 23 00-0085	EA	200 Amperes, 4 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor	7,593.81	347.71
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*208.63*	
26 09 23 00-0086		NEMA 4 Enclosure, Mechanically Held, Lighting Contactors *(26 09 23 00-0066)*		
26 09 23 00-0087		2-Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactors *(26 09 23 00-0086)*		
26 09 23 00-0088	EA	20 Amperes, 2 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor	1,200.64	92.72
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*55.64*	
26 09 23 00-0089	EA	30 Amperes, 2 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor	1,382.28	104.31
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*62.59*	
26 09 23 00-0090	EA	60 Amperes, 2 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor	2,680.28	162.27
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*97.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0091	EA	100 Amperes, 2 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor	3,758.76	220.22
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*132.13*	
26 09 23 00-0092	EA	200 Amperes, 2 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor	7,907.60	289.76
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*173.86*	
26 09 23 00-0093		3-Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactors *(26 09 23 00-0086)*		
26 09 23 00-0094	EA	20 Amperes, 3 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor	1,266.88	104.31
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*62.59*	
26 09 23 00-0095	EA	30 Amperes, 3 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor	1,446.75	115.91
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*69.54*	
26 09 23 00-0096	EA	60 Amperes, 3 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor	2,782.00	185.45
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*111.27*	
26 09 23 00-0097	EA	100 Amperes, 3 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor	3,913.95	243.39
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*146.04*	
26 09 23 00-0098	EA	200 Amperes, 3 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor	8,607.26	318.74
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*191.24*	
26 09 23 00-0099		4-Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactors *(26 09 23 00-0086)*		
26 09 23 00-0100	EA	20 Amperes, 4 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor	1,338.27	115.91
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*69.54*	
26 09 23 00-0101	EA	30 Amperes, 4 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor	1,509.33	127.49
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*76.50*	
26 09 23 00-0102	EA	60 Amperes, 4 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor	3,468.19	208.62
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*125.18*	
26 09 23 00-0103	EA	100 Amperes, 4 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor	4,734.29	266.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*159.95*	
26 09 23 00-0104	EA	200 Amperes, 4 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor	10,883.05	347.71
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*208.63*	
26 09 23 00-0105		NEMA 12/3R Enclosure, Mechanically Held, Lighting Contactors *(26 09 23 00-0066)*		
26 09 23 00-0106		2-Pole, NEMA 12/3R Enclosure, Mechanically Held, Lighting Contactors *(26 09 23 00-0105)*		
26 09 23 00-0107	EA	30 Amperes, 2 Pole, NEMA 12/3R Enclosure, Mechanically Held, Lighting Contactor	739.09	104.31
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*62.59*	
26 09 23 00-0108	EA	60 Amperes, 2 Pole, NEMA 12/3R Enclosure, Mechanically Held, Lighting Contactor	1,371.50	185.45
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*97.36*	
26 09 23 00-0109	EA	100 Amperes, 2 Pole, NEMA 12/3R Enclosure, Mechanically Held, Lighting Contactor	1,868.97	220.22
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*132.13*	
26 09 23 00-0110	EA	200 Amperes, 2 Pole, NEMA 12/3R Enclosure, Mechanically Held, Lighting Contactor	4,393.39	289.76
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*173.86*	
26 09 23 00-0111		3-Pole, NEMA 12/3R Enclosure, Mechanically Held, Lighting Contactors *(26 09 23 00-0105)*		
26 09 23 00-0112	EA	30 Amperes, 3 Pole, NEMA 12/3R Enclosure, Mechanically Held, Lighting Contactor	786.13	115.91
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*69.54*	
26 09 23 00-0113		4-Pole, NEMA 12/3R Enclosure, Mechanically Held, Lighting Contactors *(26 09 23 00-0105)*		
26 09 23 00-0114	EA	200 Amperes, 4 Pole, NEMA 12/3R Enclosure, Mechanically Held, Lighting Contactor	5,934.91	347.71
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*208.63*	
26 09 23 00-0115		Combination Lighting Contactors *(26 09 23)*		
		Note: Up to 600 volt.		
26 09 23 00-0116		Electrically Held, Combination Lighting Contactors *(26 09 23 00-0115)*		
26 09 23 00-0117		NEMA 1 Enclosure, Electrically Held, Combination Lighting Contactors *(26 09 23 00-0116)*		
26 09 23 00-0118		3-Pole, NEMA 1 Enclosure, Electrically Held, Combination Lighting Contactors *(26 09 23 00-0117)*		
26 09 23 00-0119	EA	30 Amperes, 3 Pole, NEMA 1 Enclosure, Electrically Held, Combination Lighting Contactor With Fused Disconnect Switch	1,542.63	127.49
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*76.50*	
26 09 23 00-0120	EA	60 Amperes, 3 Pole, NEMA 1 Enclosure, Electrically Held, Combination Lighting Contactor With Fused Disconnect Switch	2,417.55	203.99
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*122.39*	
26 09 23 00-0121	EA	100 Amperes, 3 Pole, NEMA 1 Enclosure, Electrically Held, Combination Lighting Contactor With Fused Disconnect Switch	3,921.35	267.74
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*160.64*	
26 09 23 00-0122	EA	200 Amperes, 3 Pole, NEMA 1 Enclosure, Electrically Held, Combination Lighting Contactor With Fused Disconnect Switch	7,198.54	350.61
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*210.37*	
26 09 23 00-0123		NEMA 4 Enclosure, Electrically Held, Combination Lighting Contactors *(26 09 23 00-0116)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0124		3-Pole, NEMA 4 Enclosure, Electrically Held, Combination Lighting Contactors *(26 09 23 00-0123)*		
26 09 23 00-0125	EA	30 Amperes, 3 Pole, NEMA 4 Enclosure, Electrically Held, Combination Lighting Contactor With Fused Disconnect Switch	2,824.65	127.49
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*76.50*	
26 09 23 00-0126	EA	60 Amperes, 3 Pole, NEMA 4 Enclosure, Electrically Held, Combination Lighting Contactor With Fused Disconnect Switch	4,393.34	203.99
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*122.39*	
26 09 23 00-0127	EA	100 Amperes, 3 Pole, NEMA 4 Enclosure, Electrically Held, Combination Lighting Contactor With Fused Disconnect Switch	7,369.14	267.74
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*160.64*	
26 09 23 00-0128	EA	200 Amperes, 3 Pole, NEMA 4 Enclosure, Electrically Held, Combination Lighting Contactor With Fused Disconnect Switch	11,608.90	350.61
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*210.37*	
26 09 23 00-0129		Mechanically Held, Combination Lighting Contactors *(26 09 23 00-0115)*		
26 09 23 00-0130		NEMA 1 Enclosure, Mechanically Held, Combination Lighting Contactors *(26 09 23 00-0129)*		
26 09 23 00-0131		3-Pole, NEMA 1 Enclosure, Mechanically Held, Combination Lighting Contactors *(26 09 23 00-0130)*		
26 09 23 00-0132	EA	30 Amperes, 3 Pole, NEMA 1 Enclosure, Mechanically Held, Combination Lighting Contactor With Fused Disconnect Switch	1,688.99	127.49
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*76.50*	
26 09 23 00-0133	EA	60 Amperes, 3 Pole, NEMA 1 Enclosure, Mechanically Held, Combination Lighting Contactor With Fused Disconnect Switch	2,924.16	203.99
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*122.39*	
26 09 23 00-0134	EA	100 Amperes, 3 Pole, NEMA 1 Enclosure, Mechanically Held, Combination Lighting Contactor With Fused Disconnect Switch	4,401.23	267.74
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*160.64*	
26 09 23 00-0135	EA	200 Amperes, 3 Pole, NEMA 1 Enclosure, Mechanically Held, Combination Lighting Contactor With Fused Disconnect Switch	8,562.18	350.61
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*210.37*	
26 09 23 00-0136		NEMA 4 Enclosure, Mechanically Held, Combination Lighting Contactors *(26 09 23 00-0129)*		
26 09 23 00-0137		3-Pole, NEMA 4 Enclosure, Mechanically Held, Combination Lighting Contactors *(26 09 23 00-0136)*		
26 09 23 00-0138	EA	30 Amperes, 3 Pole, NEMA 4 Enclosure, Mechanically Held, Combination Lighting Contactor With Fused Disconnect Switch	2,972.41	127.49
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*76.50*	
26 09 23 00-0139	EA	60 Amperes, 3 Pole, NEMA 4 Enclosure, Mechanically Held, Combination Lighting Contactor With Fused Disconnect Switch	4,902.77	203.99
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*122.39*	
26 09 23 00-0140	EA	100 Amperes, 3 Pole, NEMA 4 Enclosure, Mechanically Held, Combination Lighting Contactor With Fused Disconnect Switch	7,850.42	267.74
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*160.64*	
26 09 23 00-0141	EA	200 Amperes, 3 Pole, NEMA 4 Enclosure, Mechanically Held, Combination Lighting Contactor With Fused Disconnect Switch	12,972.54	350.61
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*210.37*	
26 09 23 00-0142		Photo-Cell, Relay, Lighting Arrester, Receptacle And Bracket *(26 09 23)*		
26 09 23 00-0143	EA	105 To 130 Volt Relay, Photo-Cell, Lighting Arrester, Receptacle And Bracket	116.53	30.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.11*	
26 09 23 00-0144	EA	105 To 285 Volt Relay, Photo-Cell, Lighting Arrester, Receptacle And Bracket	125.84	30.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.11*	
26 09 23 00-0145		Dimming Module System (Lutron Grafik Eye) *(26 09 23)*		
26 09 23 00-0146	EA	2,000 Watt Dimming Capacity, 120/277 Volt, Dimming Module System (Lutron Grafik Eye Hi-Power HP-2)	1,736.91	115.91
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*69.54*	
26 09 23 00-0147	EA	4,000 Watt Dimming Capacity, 120/277 Volt, Dimming Module System (Lutron Grafik Eye Hi-Power HP-4)	2,248.09	115.91
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*69.54*	
26 09 23 00-0148	EA	6,000 Watt Dimming Capacity, 120/277 Volt, Dimming Module System (Lutron Grafik Eye Hi-Power HP-6)	2,768.38	115.91
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*69.54*	
26 09 23 00-0149		Dimming Module Contol (Leviton) *(26 09 23)*		
26 09 23 00-0150	EA	5 Amperes, Wireless Dimming Module (Leviton WSD05-9D0)	224.78	14.51
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.71*	
26 09 23 00-0151		Light Control Panels *(26 09 23)*		
26 09 23 00-0152		Lighting Control Panels (Watt Stopper) *(26 09 23 00-0151)*		
26 09 23 00-0153		Lighting Control Panels (Watt Stopper) *(26 09 23 00-0152)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0154	EA	4 Relays, Surface Mount, Lighting Control Panel (Watt Stopper LP8S-4)	1,933.66	162.54
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*97.52*	
26 09 23 00-0155	EA	8 Relays, Surface Mount, Lighting Control Panel (Watt Stopper LP8S-8)	1,810.56	174.15
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*104.49*	
26 09 23 00-0156	EA	8 Relays, Surface Mount, Lighting Control Panel With Group Switching Card (Watt Stopper LP8S-8-G)	2,039.15	174.15
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*104.49*	
26 09 23 00-0157	EA	8 Relays, Surface Mount, Lighting Control Panel With DIN Rail (Watt Stopper LP24S-8)	3,062.13	174.15
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*104.49*	
26 09 23 00-0158	EA	8 Relays, Surface Mount, Lighting Control Panel With Group Switching Card And DIN Rail (Watt Stopper LP24S-8-G)	3,330.50	174.15
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*104.49*	
26 09 23 00-0159	EA	4 Relays, Flush Mount, Lighting Control Panel (Watt Stopper LP8F-4)	2,153.50	162.54
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*97.52*	
26 09 23 00-0160	EA	8 Relays, Flush Mount, Lighting Control Panel (Watt Stopper LP8F-8)	2,310.79	174.15
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*104.49*	
26 09 23 00-0161	EA	8 Relays, Flush Mount, Lighting Control Panel With Group Switching Card (Watt Stopper LP8F-8-G)	2,578.90	174.15
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*104.49*	
26 09 23 00-0162	EA	8 Relays, Flush Mount, Lighting Control Panel With DIN Rail (Watt Stopper LP24F-8)	3,169.38	174.15
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*104.49*	
26 09 23 00-0163	EA	8 Relays, Flush Mount, Lighting Control Panel With Group Switching Card And DIN Rail (Watt Stopper LP24F-8-G)	3,437.74	174.15
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*104.49*	
26 09 23 00-0164		**Accessories For Lighting Control Panels (Watt Stopper)** *(26 09 23 00-0152)*		
26 09 23 00-0165	EA	Low Voltage Photocell For Watt Stopper Lighting Control Panels (Watt Stopper EM-24A2)	185.49	29.03
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.42*	
26 09 23 00-0166	EA	Automatic Control Switch For Watt Stopper Lighting Control Panels (Watt Stopper AS-100-W)	142.63	23.22
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.93*	
26 09 23 00-0167	EA	Low Voltage Momentary Switch For Watt Stopper Lighting Control Panels (Watt Stopper DCC2)	73.67	23.22
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.93*	
26 09 23 00-0168		**Lighting Control Panels (Synergy)** *(26 09 23 00-0151)*		
26 09 23 00-0169		**Lighting Control Panels (Synergy)** *(26 09 23 00-0168)*		
26 09 23 00-0170	EA	8 Relays, Surface Mount, Lighting Control Panel (Synergy SwitchPak SPAK 8S)	2,757.53	174.15
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*104.49*	
26 09 23 00-0171		**Accessories For Lighting Control Panels (Synergy)** *(26 09 23 00-0168)*		
26 09 23 00-0172	EA	Outdoor Photocell For Synergy SwitchPak Lighting Control Panels (Synergy LSA-APS-OL)	677.93	29.03
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.42*	
26 09 23 00-0173	EA	Sweepswitch, Line Voltage Override Switch For Synergy SwitchPak Lighting Control Panels (Synergy SSPL-20)	262.53	11.61
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.97*	
26 09 23 00-0174	EA	Override Switch For Synergy SwitchPak Lighting Control Panels (Synergy LVPS-2BT)	147.45	17.42
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.45*	
26 09 23 00-0175		**Lighting Switching Panels (Lutron)** *(26 09 23 00-0151)*		
26 09 23 00-0176		**Lighting Switching Panels (Lutron)** *(26 09 23 00-0175)*		
26 09 23 00-0177	EA	8 Switch Legs, Surface Mount, Feed-Through, Lighting Switching Panels (Lutron Softswitch128® XPS8-FT)	2,240.18	174.15
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*104.49*	
26 09 23 00-0178	EA	12 Switch Legs, Surface Mount, Feed-Through, Lighting Switching Panels (Lutron Softswitch128® XPS12-FT)	3,077.57	185.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*111.46*	
26 09 23 00-0179	EA	16 Switch Legs, Surface Mount, Feed-Through, Lighting Switching Panels (Lutron Softswitch128® XPS16-FT)	4,035.36	197.37
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*118.42*	
26 09 23 00-0180		**Wireless (ZigBee) LED Lighting Control Panels (PlanLED GigaTera)** *(26 09 23 00-0151)*		
26 09 23 00-0181	EA	6 Zone, Surface Mount, 0 To 10 Volt Dimming, Wireless (ZigBee) LED Lighting Control Panel (PlanLED GigaTera IPC6Z)	1,492.90	162.54
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*97.52*	
26 09 23 00-0182	EA	12 Zone, Surface Mount, 0 To 10 Volt Dimming, Wireless (ZigBee) LED Lighting Control Panel (PlanLED GigaTera IPC12Z)	1,705.23	162.54
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*97.52*	
26 09 23 00-0183	EA	18 Zone, Surface Mount, 0 To 10 Volt Dimming, Wireless (ZigBee) LED Lighting Control Panel (PlanLED GigaTera IPC18Z)	1,917.56	162.54
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*97.52*	
26 09 23 00-0184		**Power Filters** *(26 09 23 00-0151)*		
26 09 23 00-0185	EA	600 Amperes, 480/277 Volt, 4 Conductor Power Filter With 80" X 60" X 17" Enclosure	29,798.92	965.82
26 09 23 00-0186	EA	200 Amperes, 480/277 Volt, 4 Conductor Power Filter With 25" X 40" X 17" Enclosure	17,560.19	419.92
26 09 23 00-0187		**Signal Filters** *(26 09 23 00-0151)*		
26 09 23 00-0188	EA	0.5 Amperes, 125 Volt, 500 Conductor Signal Filter With 19" X 36-3/4" X 19-1/8 Case	13,831.89	878.09
26 09 23 00-0189	EA	0.5 Amperes, 125 Volt, 200 Conductor Signal Filter With 29" X 40" X 11" Case	9,433.34	536.63
26 09 23 00-0190	EA	0.5 Amperes, 125 Volt, 3 Pair Conductor Signal Filter With 12" X 12" X 4" Case	5,267.67	311.55
26 09 23 00-0191	EA	5 Amperes, 24 Volt DC, 5 Volt, 2 - 1 Pair Conductor Signal Filter With Case	7,125.48	311.55

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26 09 23 00-0192		**Lighting Control Devices (Encelium)** *(26 09 23)*		
26 09 23 00-0193	EA	8 Port, G4, Wired Energy Control Unit, GreenBus II™ (120 Volt) With Polaris 3D™ (Encelium EN-ECU-G4-P3D) Note: Excludes GB II cable.	16,064.06	116.11
26 09 23 00-0194	EA	Server, System Support Unit (SSU) (Encelium EN-SSU-1U) Note: Excludes GB II and Ethernet cable.	7,334.47	116.11
26 09 23 00-0195	EA	Server, System Support Unit (SSU), VIRTUAL (Encelium EN-SW-SSUVIRT) Note: Excludes GB II and Ethernet cable.	3,809.01	116.11
26 09 23 00-0196	EA	Server, System Support Unit (SSU) With BACnet (Encelium EN-SSU-BIF-KIT) Note: Excludes GB II and Ethernet cable.	16,158.64	116.11
26 09 23 00-0197	EA	Isolated, Wired Luminaire Control Module (Encelium EN-iLCM-1R10V-GB2-BK) Note: Excludes GB II cable.	125.06	14.51
26 09 23 00-0198	EA	Damp Rated, Isolated, Wired Luminaire Control Module (Encelium EN-iLCM-1R10V-GB2-BK/DR) Note: Excludes GB II cable.	194.91	14.51
26 09 23 00-0199	EA	Wired Area Lighting Controller, Heavy Duty Relay With 0-10V Dimming (Encelium EN-ALC-1R10V-GB2-BK) Note: Excludes GB II cable.	243.67	29.03
26 09 23 00-0200	EA	Damp Rated, Wired Area Lighting Controller, Heavy Duty Relay With 0-10V Dimming (Encelium EN-ALC-1R10V-GB2-BK-DR) Note: Excludes GB II cable.	295.01	29.03
26 09 23 00-0201	EA	Wired Sensor Interface Module (Encelium EN-SIM-AI/SPS-GB2-BK) Note: Excludes GB II cable.	154.08	29.03
26 09 23 00-0202	EA	Damp Rated, Wired Sensor Interface Module (Encelium EN-SIM-AI/SPS-GB2-BK/DR) Note: Excludes GB II cable.	223.93	29.03
26 09 23 00-0203	EA	16 Port, Rack Mounted, Wired Ethernet Switch (Encelium ETH-700) Note: Excludes cable.	566.33	58.05
26 09 23 00-0204	EA	Rack Mounted, Wired Power Bar (Encelium PWR-700)	422.84	58.05
26 09 23 00-0205	EA	Rack Mounted, Wired Power Bar With Surge Protection (Encelium PWR-800)	783.56	58.05
26 09 23 00-0206	EA	Wall Mounted, 4U Mounting Rack (Encelium RCK-700)	260.68	58.05
26 09 23 00-0207	EA	4 Port, 10/100 VPN, Dual WAN, Wired Router (Encelium RV042) Note: Excludes cable.	879.65	58.05
26 09 23 00-0208	EA	Wired BACnet Interface (Encelium BIF-600) Note: Excludes cable.	9,288.57	232.20
26 09 23 00-0209	EA	Wired AV Interface (Encelium EN-SW-AVINT) Note: Excludes cable.	6,895.84	58.05
26 09 23 00-0210	EA	Two Button, GB2, Wired Wall Station (Encelium EN-WS-2B-GB2-WH) Note: Includes white finish. Excludes GB II cable.	256.12	14.51
26 09 23 00-0211	EA	3 Scene, GB2, Wired Wall Station (Encelium EN-WS-SC3-GB2-WH) Note: Includes white finish. Excludes GB II cable.	312.87	14.51
26 09 23 00-0212	EA	3 Zone, GB2, Wired Wall Station (Encelium EN-WS-ZC3-GB2-WH) Note: Includes white finish. Excludes GB II cable.	299.18	14.51
26 09 23 00-0213	EA	5 Scene, GB2, Wired Wall Station (Encelium EN-WS-SC5-GB2-WH) Note: Includes white finish. Excludes GB II cable.	312.87	14.51
26 09 23 00-0214	EA	6 Zone, GB2, Wired Wall Station (Encelium EN-WS-ZC6-GB2-WH) Note: Includes white finish. Excludes GB II cable.	299.18	14.51
26 09 23 00-0215	EA	Rocker Switch, GB2, Wired Wall Station (Encelium EN-WS-R-GB2-WT) Note: Includes white finish. Excludes GB II cable.	225.45	14.51
26 09 23 00-0216	EA	Scene Controller, GB2, Wired Wall Station (Encelium EN-WS-SC3D-GB2-WT) Note: Includes white finish. Excludes GB II cable.	312.87	14.51
26 09 23 00-0217	EA	3 Zone Controller, GB2, Wired Wall Station (Encelium EN-WS-ZC3-GB2-WT) Note: Includes white finish. Excludes GB II cable.	299.18	14.51
26 09 23 00-0218	EA	Wired Key Switch Controller (Encelium KSW-300) Note: Excludes GB II cable.	219.93	14.51
26 09 23 00-0219	EA	Wall Station Surface Mount Kit (Encelium EN-SMK-ZB-WH) Note: Includes white finish.	92.22	14.51
26 09 23 00-0220	EA	1/2' Length, Pre-Terminated, GreenBus II™ Cable (Encelium EN-PTC-0.5FT-GB2)	72.41	29.03
26 09 23 00-0221	EA	1' Length, Pre-Terminated, GreenBus II™ Cable (Encelium EN-PTC-01FT-GB2)	73.01	29.03
26 09 23 00-0222	EA	5' Length, Pre-Terminated, GreenBus II™ Cable (Encelium EN-PTC-05FT-GB2)	77.85	29.03
26 09 23 00-0223	EA	10' Length, Pre-Terminated, GreenBus II™ Cable (Encelium EN-PTC-10FT-GB2)	82.62	29.03
26 09 23 00-0224	EA	15' Length, Pre-Terminated, GreenBus II™ Cable (Encelium EN-PTC-15FT-GB2)	88.32	29.03
26 09 23 00-0225	EA	20' Length, Pre-Terminated, GreenBus II™ Cable (Encelium EN-PTC-20FT-GB2)	93.46	29.03
26 09 23 00-0226	EA	25' Length, Pre-Terminated, GreenBus II™ Cable (Encelium EN-PTC-25FT-GB2)	99.77	29.03
26 09 23 00-0227	EA	50' Length, Pre-Terminated, GreenBus II™ Cable (Encelium EN-PTC-50FT-GB2)	128.30	29.03
26 09 23 00-0228	EA	1,000' Box, GreenBus II™ Cable (Encelium EN-BC-1000FT-GB2)	849.54	29.03
26 09 23 00-0229	EA	Box Of 50, Greenbus II™ Connectors (Encelium EN-CON-50-GB2)	202.86	29.03
26 09 23 00-0230	EA	1,000' Box, Category 5, Network Cable (Encelium NWC-400-B)	1,098.05	29.03
26 09 23 00-0231	EA	Indoor Wired Photo Sensor (Encelium PHS-700) Note: Excludes GB II cable.	636.12	58.05
26 09 23 00-0232	EA	Outdoor Wired Photo Sensor (Encelium PHS-800) Note: Excludes GB II cable.	636.12	58.05
26 09 23 00-0233	EA	Skylight Wired Photo Sensor (Encelium PHS-900) Note: Excludes GB II cable.	636.12	58.05
26 09 23 00-0234	EA	450 SF, 360 Degree, Passive Infrared, Ceiling Mounted, Wired Occupancy Sensor (Encelium SCP-0450) Note: Excludes GB II cable.	326.90	58.05
26 09 23 00-0235	EA	1,500 SF, 360 Degree, Passive Infrared, Ceiling Mounted, Wired Occupancy Sensor (Encelium SCP-1500) Note: Excludes GB II cable.	316.53	58.05
26 09 23 00-0236	EA	2,500 SF, Wide View, Passive Infrared, Wall Mounted, Wired Occupancy Sensor (Encelium SWP-WV00) Note: Excludes GB II cable.	323.45	58.05
26 09 23 00-0237	EA	High-Bay, Passive Infrared, Wall Mounted, Wired Occupancy Sensor (Encelium SWP-HBAY) Note: Excludes GB II cable.	358.01	58.05
26 09 23 00-0238	EA	Long-Range, Passive Infrared, Wall Mounted, Wired Occupancy Sensor (Encelium SWP-LRNG) Note: Excludes GB II cable.	323.45	58.05

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0239	EA	120-277 Volt AC, No Neutral, Passive Infrared, Wall Switch Mounted, Wired Occupancy Sensor (Encelium SSP-LNV) Note: Excludes GB II cable.	254.35	58.05
26 09 23 00-0240	EA	High Bay, Passive Infrared, Fixture Mounted, Wired Occupancy Sensor (Encelium WSPEM24V) Note: Excludes GB II cable.	270.14	58.05
26 09 23 00-0241	EA	High Bay, Passive Infrared, Surface Mounted, Wired Occupancy Sensor (Encelium WSPSM24V) Note: Excludes GB II cable.	270.14	58.05
26 09 23 00-0242	EA	360 Degree Lens, Wired Occupancy Sensor (Encelium WSPLENS360) Note: Excludes GB II cable.	138.50	58.05
26 09 23 00-0243	EA	Passive Infrared, Wall Switch Mounted, Wired Occupancy Sensor (Encelium PW-100-24) Note: Excludes GB II cable.	332.00	58.05
26 09 23 00-0244	EA	Hallway, Wired Occupancy Sensor (Encelium HW-13) Note: Excludes GB II cable.	472.87	58.05
26 09 23 00-0245	EA	500 SF, 180 Degree, (Multi) Passive Infrared And Ultrasonic, Ceiling Mounted, Wired Occupancy Sensor (Encelium SCM-0500) Note: Excludes GB II cable.	413.29	58.05
26 09 23 00-0246	EA	1,000 SF, 360 Degree, (Multi) Passive Infrared And Ultrasonic, Ceiling Mounted, Wired Occupancy Sensor (Encelium SCM-1000) Note: Excludes GB II cable.	440.94	58.05
26 09 23 00-0247	EA	2,000 SF, 360 Degree, (Multi) Passive Infrared And Ultrasonic, Ceiling Mounted, Wired Occupancy Sensor (Encelium SCM-2000) Note: Excludes GB II cable.	454.77	58.05
26 09 23 00-0248	EA	1,200 SF, (Multi) Passive Infrared And Ultrasonic, Wall Mounted, Wired Occupancy Sensor (Encelium SWM-1200) Note: Excludes GB II cable.	409.83	58.05
26 09 23 00-0249	EA	120-277 Volt AC, No Neutral, Passive Infrared And Ultrasonic, Wall Switch Mounted, Wired Occupancy Sensor (Encelium SSM-LNV) Note: Excludes GB II cable.	340.74	58.05
26 09 23 00-0250	EA	500 SF, 180 Degree, Dual Technology, Ceiling Mounted, Wired Occupancy Sensor (Encelium OSC05-M0W) Note: Excludes GB II cable.	428.16	58.05
26 09 23 00-0251	EA	1,200 SF, 360 Degree, Dual Technology, Wall Mounted, Wired Occupancy Sensor (Encelium OSW12-M0W) Note: Excludes GB II cable.	424.54	58.05
26 09 23 00-0252	EA	2,000 SF, 360 Degree, Dual Technology, Ceiling Mounted, Wired Occupancy Sensor (Encelium OSC20-M0W) Note: Excludes GB II cable.	471.69	58.05
26 09 23 00-0253	EA	1,000 SF, 360 Degree, Dual Technology, Ceiling Mounted, Wired Occupancy Sensor (Encelium OSC10-M0W) Note: Excludes GB II cable.	457.19	58.05
26 09 23 00-0254	EA	Dual Technology, Wall Switch Mounted, Wired Occupancy Sensor (Encelium DW-100-24) Note: Excludes GB II cable.	492.62	58.05
26 09 23 00-0255	EA	Dual Technology, Wall Switch Mounted, Wired Occupancy Sensor (Encelium WSD-PDT-LV) Note: Excludes GB II cable.	457.34	58.05
26 09 23 00-0256	EA	Wide View, Dual Technology, Wired Occupancy Sensor (Encelium WV-PDT) Note: Excludes GB II cable.	457.34	58.05
26 09 23 00-0257	EA	10 Amperes, 120 Volt, Single Relay, UL924 Automatic Load Control Relay (ALCR) (Encelium ESRU1C)	298.09	58.05
26 09 23 00-0258	EA	10A, 277V, Single Relay, UL924 Automatic Load Control Relay (ALCR) (Encelium ESRH1C)	319.81	58.05
26 09 23 00-0259	EA	20 Amperes, 120 Volt, Dual Relay, UL924 Automatic Load Control Relay (ALCR) (Encelium ESR01P)	565.85	58.05
26 09 23 00-0260	EA	20A, 277V, Dual Relay, UL924 Automatic Load Control Relay (ALCR) (Encelium ESR02P)	605.73	58.05
26 09 23 00-0261	EA	10 Amperes, 120 Volt, Dual Relay, UL924 Automatic Load Control Relay (ALCR) (Encelium ESR2401D)	444.84	58.05
26 09 23 00-0262	EA	10A, 277V, Dual Relay, UL924 Automatic Load Control Relay (ALCR) (Encelium ESR2402D)	464.11	58.05
26 09 23 00-0263	EA	24 Circuit, Relay Module (Encelium EN-RPM-24C-GB2) Note: Excludes GB II cable and enclosure.	1,338.02	116.11
26 09 23 00-0264	EA	24 Circuit, 120/277V, Relay Panel With Relay Module (Encelium EN-RP-24C-GB2-120/277V) Note: Excludes GB II cable.	4,167.28	464.40
26 09 23 00-0265	EA	12 Relays, 24 Circuit, 120-347V, Emergency Relay Panel (Encelium EN-RPA12R120-347V) Note: Excludes GB II cable.	6,110.37	464.40
26 09 23 00-0266	EA	24 Relays, 24 Circuit, 120-347V, Emergency Relay Panel (Encelium EN-RPA24R120-347V) Note: Excludes GB II cable.	8,053.45	464.40
26 09 23 00-0267	EA	Wired Phase Cut Dimming Module (Encelium EN-PCDM-GB2) Note: Excludes GB II cable.	669.02	58.05
26 09 23 00-0268	EA	Wired DALI Bridge (Encelium EN-DB-1L-GB2) Note: Excludes GB II cable.	767.76	58.05
26 09 23 00-0269	EA	Wireless Manager (Encelium EN-WM-ZB-P3D) Note: Includes white finish.	2,090.79	58.05
26 09 23 00-0270	EA	Wireless Control Module (Encelium EN-WCM-ZB)	281.85	29.03
26 09 23 00-0271	EA	Damp Rated, Wireless Control Module (Encelium EN-WCM-ZB-DR)	334.51	29.03
26 09 23 00-0272	EA	Wireless Area Lighting Controller (Encelium EN-ALC-ZB-BK)	335.82	29.03
26 09 23 00-0273	EA	Damp Rated, Wireless Area Lighting Controller (Encelium EN-ALC-ZB-BK-DR)	348.24	29.03
26 09 23 00-0274	EA	2 Button Switch, Wireless Wall Station (Encelium EN-WS-2B-ZB-WH) Note: Includes white finish.	252.83	14.51
26 09 23 00-0275	EA	3 Scene Control, Wireless Wall Station (Encelium EN-WS-SC3-ZB-WH) Note: Includes white finish.	252.83	14.51
26 09 23 00-0276	EA	3 Zone Control, Wireless Wall Station (Encelium EN-WS-ZC3-ZB-WH) Note: Includes white finish.	252.83	14.51
26 09 23 00-0277	EA	5 Scene Control, Wireless Wall Station (Encelium EN-WS-SC5-ZB-WH) Note: Includes white finish.	252.83	14.51
26 09 23 00-0278	EA	6 Zone Control, Wireless Wall Station (Encelium EN-WS-ZC6-ZB-WH) Note: Includes white finish.	252.83	14.51
26 09 23 00-0279	EA	Single Zone On/Off, Wireless Rocker Switch (Encelium WSS0S-DOW)	261.38	14.51
26 09 23 00-0280	EA	315 MHz, Wireless Photocell (Encelium TAP-17C)	550.54	58.05
26 09 23 00-0281	EA	450 SF, Ceiling Mounted, Wireless Sensor With Photocell (Encelium EN-SCPPH-0450-ZB)	339.91	58.05
26 09 23 00-0282	EA	1,500 SF, Ceiling Mounted, Wireless Sensor With Photocell (Encelium EN-SCPPH-1500-ZB)	339.91	58.05
26 09 23 00-0283	EA	1,500 SF, Damp Rated, Ceiling Mounted, Wireless Sensor With Photocell (Encelium EN-SCPPH-1500-ZB-DR)	392.57	58.05
26 09 23 00-0284	EA	450 SF, Damp Rated, Ceiling Mounted, Wireless Sensor With Photocell (Encelium EN-SCPPH-0450-ZB-DR)	392.57	58.05
26 09 23 00-0285	EA	2 Button Switch, Wireless Wall Station (Encelium EN-WS-2B-ZB-WH) Note: Includes white finish.	252.83	14.51

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26 09 23 00-0286	EA	3 Scene Control, Wireless Wall Station (Encelium EN-WS-SC3-ZB-WH) Note: Includes white finish.	252.83	14.51
26 09 23 00-0287	EA	3 Zone Control, Wireless Wall Station (Encelium EN-WS-ZC3-ZB-WH) Note: Includes white finish.	252.83	14.51
26 09 23 00-0288	EA	5 Scene Control, Wireless Wall Station (Encelium EN-WS-SC5-ZB-WH) Note: Includes white finish.	252.83	14.51
26 09 23 00-0289	EA	6 Zone Control, Wireless Wall Station (Encelium EN-WS-ZC6-ZB-WH) Note: Includes white finish.	252.83	14.51
26 09 23 00-0290	EA	Single Zone On/Off, Wireless Rocker Switch (Encelium WSS0S-DOW) Note: Includes white finish.	261.38	14.51
26 09 23 00-0291	EA	315 MHz, Wireless Photocell (Encelium TAP-17C)	550.54	58.05
26 09 23 00-0292	EA	3 Zone Control, Wireless Wall Station (Encelium EN-WS-ZC3-ZB-WH)	252.83	14.51
26 09 23 00-0293	EA	5 Scene Control, Wireless Wall Station (Encelium EN-WS-SC5-ZB-WH)	252.83	14.51
26 09 23 00-0294	EA	6 Zone Control, Wireless Wall Station (Encelium EN-WS-ZC6-ZB-WH)	252.83	14.51
26 09 23 00-0295	EA	Single Zone On/Off, Wireless Rocker Switch (Encelium WSS0S-DOW)	261.38	14.51
26 09 23 00-0296	EA	315 MHz, Wireless Photocell (Encelium TAP-17C)	550.54	58.05
26 09 23 00-0297	EA	450 SF, Ceiling Mounted, Wireless Sensor With Photocell (Encelium EN-SCPPH-0450-ZB)	339.91	58.05
26 09 23 00-0298	EA	1,500 SF, Ceiling Mounted, Wireless Sensor With Photocell (Encelium EN-SCPPH-1500-ZB)	339.91	58.05
26 09 23 00-0299	EA	1,500 SF, Damp Rated, Ceiling Mounted, Wireless Sensor With Photocell (Encelium EN-SCPPH-1500-ZB-DR)	392.57	58.05
26 09 23 00-0300	EA	450 SF, Damp Rated, Ceiling Mounted, Wireless Sensor With Photocell (Encelium EN-SCPPH-0450-ZB-DR)	392.57	58.05
26 09 23 00-0301	EA	2 Button Switch, Wireless Wall Station (Encelium EN-WS-2B-ZB-WH) Note: Includes white finish.	252.83	14.51
26 09 23 00-0302	EA	3 Scene Control, Wireless, Wall Station (Encelium EN-WS-SC3-ZB-WH) Note: Includes white finish.	252.83	14.51
26 09 23 00-0303	EA	3 Zone Control, Wireless Wall Station (Encelium EN-WS-ZC3-ZB-WH) Note: Includes white finish.	252.83	14.51
26 09 23 00-0304	EA	5 Scene Control, Wireless Wall Station (Encelium EN-WS-SC5-ZB-WH) Note: Includes white finish.	252.83	14.51
26 09 23 00-0305	EA	6 Zone Control, Wireless Wall Station (Encelium EN-WS-ZC6-ZB-WH) Note: Includes white finish.	252.83	14.51
26 09 23 00-0306	EA	Single Zone On/Off, Wireless Rocker Switch (Encelium WSS0S-DOW)	261.38	14.51
26 09 23 00-0307	EA	315 MHz, Wireless Photocell (Encelium TAP-17C)	550.54	58.05
26 09 23 00-0308	EA	Ceiling Mounted, Wireless Mounting Kit (Encelium EN-SCPPH-MK-ZB)	146.38	58.05
26 09 23 00-0309	EA	Wireless Ethernet Transceiver Unit (cns-enocean Connectivity Kit)	723.76	58.05
26 09 23 00-0310		**Lighting Control Sensors** *(26 09 23)*		
26 09 23 00-0311	EA	DALIMulti Sensor, 600 SF (Fifthlight FLT-MTS6-DALI)	386.61	26.12
26 09 23 00-0312	EA	DALIMulti Sensor, 1,200 SF (Fifthlight FLT-MTS12-DALI)	386.61	26.12
26 09 23 00-0313	EA	Smart Multi-sensor (LG 9SD131VVDA.ALWB000)	338.08	26.12
26 09 23 00-0314	EA	Zigbee Dongle (LG 9CM2315VD2.AWP01U)	101.22	17.42
26 09 23 00-0315	EA	Clip for Performance Troffer (LG BKTTR015122.BUAAWAA)	7.83	
26 09 23 00-0316	EA	Clip for Downlight (BKTCE015123.BUAAWAA)	66.20	
26 09 23 00-0317	EA	Clip for Tube (LG BKTTU015121.BUAAWAA)	11.36	
26 09 23 00-0318		**Radio Controlled Devices (Lutron)** *(26 09 23)*		
26 09 23 00-0319		**Tabletop Transmitters For Radio Controlled Devices** *(26 09 23 00-0318)*		
26 09 23 00-0320		**Switched Lighting Controls, Tabletop Wireless Transmitter** *(26 09 23 00-0319)*		
26 09 23 00-0321	EA	One Zone Of On/Off Switched Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-SW-B-WH)	513.26	17.42
26 09 23 00-0322	EA	Two Zones Of On/Off Switched Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-2SW-B-WH)	668.22	17.42
26 09 23 00-0323	EA	Three Zones Of On/Off Switched Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-3SW-B-WH)	842.54	17.42
26 09 23 00-0324		**Dimmable Lighting Controls, Tabletop Wireless Transmitter** *(26 09 23 00-0319)*		
26 09 23 00-0325	EA	One Zone Of Dimmable Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-L-B-WH)	513.26	17.42
26 09 23 00-0326	EA	Two Zones Of Dimmable Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-2L-B-WH)	610.11	17.42
26 09 23 00-0327	EA	Three Zones Of Dimmable Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-3L-B-WH)	842.54	17.42
26 09 23 00-0328	EA	One Zone Of Four Pre Set Lighting Levels And Dimmable Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-L-WH)	513.26	17.42
26 09 23 00-0329	EA	Two Zones Of Four Pre Set Lighting Levels And Dimmable Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-2L-WH)	668.22	17.42
26 09 23 00-0330	EA	Three Zones Of Four Pre Set Lighting Levels And Dimmable Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-3L-WH)	842.54	17.42
26 09 23 00-0331		**Dimmable And Switched Lighting Controls, Tabletop Wireless Transmitter** *(26 09 23 00-0319)*		
26 09 23 00-0332	EA	One Zone Of Dimmable Lighting Controls And One Zone Of On/Off Switched Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-LSW-B-WH)	668.22	17.42
26 09 23 00-0333	EA	Two Zones Of Dimmable Lighting Controls And One Zone Of On/Off Switched Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-2LSW-B-WH)	842.54	17.42
26 09 23 00-0334	EA	One Zone Of Dimmable Lighting Controls And Two Zones Of On/Off Switched Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-L2SW-B-WH)	842.54	17.42
26 09 23 00-0335		**Dimmable Lighting Controls And Shade Or Projection Controls, Tabletop Wireless Transmitter** *(26 09 23 00-0319)*		
26 09 23 00-0336	EA	One Zone Of Open/Stop/Close Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-C3-B-WH)	513.26	17.42

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26 09 23 00-0337	EA	Two Zones Of Open/Stop/Close Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-2C3-B-WH)	668.22	17.42
26 09 23 00-0338	EA	One Zone Of Dimmable Lighting Controls And One Zone Of Output Switch Projection Screen Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-LC2-B-WH)	610.11	17.42
26 09 23 00-0339	EA	Two Zones Of Dimmable Lighting Controls And One Zone Of Output Switch Projection Screen Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-2LC2-B-WH)	745.70	17.42
26 09 23 00-0340	EA	One Zone Of Dimmable Lighting Controls And One Zone Of Open/Stop/Close Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-LC3-B-WH)	668.22	17.42
26 09 23 00-0341	EA	Two Zones Of Dimmable Lighting Controls And One Zone Of Open/Stop/Close Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-2LC3-B-WH)	803.80	17.42
26 09 23 00-0342	EA	One Zone Of Dimmable Lighting Controls And Two Zones Of Open/Stop/Close Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-L2C3-B-WH)	668.22	17.42
26 09 23 00-0343		**Dimmable Lighting Controls And Sivoia QED Shade Controls, Tabletop Wireless Transmitter** *(26 09 23 00-0319)*		
26 09 23 00-0344	EA	One Zone Of Sivoia QED Open/Stop/Preset Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-Q-B-WH)	513.26	17.42
26 09 23 00-0345	EA	Two Zones Of Sivoia QED Open/Stop/Preset Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-2Q-B-WH)	668.22	17.42
26 09 23 00-0346	EA	One Zone Of Dimmable Lighting Controls And One Zone Of Sivoia QED Open/Stop/Preset Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-LQ-B-WH)	668.22	17.42
26 09 23 00-0347	EA	Two Zones Of Dimmable Lighting Controls And One Zone Of Sivoia QED Open/Stop/Preset Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-2LQ-B-WH)	842.54	17.42
26 09 23 00-0348	EA	One Zone Of Dimmable Lighting Controls And Two Zones Of Sivoia QED Open/Stop/Preset Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-L2Q-B-WH)	668.22	17.42
26 09 23 00-0349	EA	One Zone Of Dimmable Lighting Controls, One Zone Of Sivoia QED Open/Stop/Preset Motorized Shade Controls, One Zone Of Output Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-LQC2-B-WH)	842.54	17.42
26 09 23 00-0350		**Output Switch Closure Controls, Tabletop Wireless Transmitter** *(26 09 23 00-0319)*		
26 09 23 00-0351	EA	Five Buttons Of Output Switch Closures For Grafik Eye Systems, Tabletop Wireless Transmitter (Lutron RTA-TX-C5-WH)	513.26	17.42
26 09 23 00-0352	EA	Nine Buttons Of Output Switch Closures For Grafik Eye Systems, Tabletop Wireless Transmitter (Lutron RTA-TX-C5C4-WH)	668.22	17.42
26 09 23 00-0353	EA	Thirteen Buttons Of Output Switch Closures For Grafik Eye Systems, Tabletop Wireless Transmitter (Lutron RTA-TX-C52C4-WH)	842.54	17.42
26 09 23 00-0354		**Accessories For Tabletop Wireless Transmitter** *(26 09 23 00-0319)*		
26 09 23 00-0355	EA	Security Mounting Brackets For Tabletop Wireless Transmitters (Lutron RTA-SEC-WH)	106.51	17.42
26 09 23 00-0356		**Wall Box Transmitters For Radio Controlled Devices** *(26 09 23 00-0318)*		
26 09 23 00-0357	EA	On/Off Switched Lighting Controls, Wall Box Wireless Transmitter (Lutron RTA-WX-2BSW-WH)	474.53	17.42
26 09 23 00-0358	EA	Dimmable Lighting Controls, Wall Box Wireless Transmitter (Lutron RTA-WX-2B-WH)	513.26	17.42
26 09 23 00-0359	EA	Four Preset Lighting Level And Dimmable Lighting Controls, Wall Box Wireless Transmitter (Lutron RTA-WX-5B-WH)	513.26	17.42
26 09 23 00-0360	EA	Open/Stop/Close Motorized Shade Controls, Wall Box Wireless Transmitter (Lutron RTA-WX-C3LB-WH)	513.26	17.42
26 09 23 00-0361	EA	Up/Down Projection Screen Controls, Wall Box Wireless Transmitter (Lutron RTA-WX-C2LB-WH)	513.26	17.42
26 09 23 00-0362	EA	Open/Stop/Close Sivoia QED Shade Controls, Wall Box Wireless Transmitter (Lutron RTA-WX-Q3LB-WH)	513.26	17.42
26 09 23 00-0363		**Interfaces For Radio Controlled Devices** *(26 09 23 00-0318)*		
26 09 23 00-0364	EA	Incandescent And Magnetic Low Voltage Lighting Interface For Radio Controlled Devices (Lutron FDI-INC-2000)	474.53	17.42
26 09 23 00-0365	EA	Lutron Tu-Wire Ballast Interface For Radio Controlled Devices (Lutron FDI-INC-2000)	474.53	17.42
26 09 23 00-0366	EA	Electronic Low Voltage Lighting Interface For Radio Controlled Devices (Lutron FDI-ELV-1000)	474.53	17.42
26 09 23 00-0367	EA	Sivoia QED Controllable Window Treatments Contact Closure Interface For Radio Controlled Devices (Lutron SVQ-CCI-8)	966.51	17.42
26 09 23 00-0368	EA	RS-232 Interface For Radio Controlled Devices (Lutron RTA-RS232)	1,384.88	17.42
26 09 23 00-0369	EA	Switch Closure Input Interface For Radio Controlled (Lutron RTA-SCI)	1,384.88	17.42
26 09 23 00-0370		**Fluorescent Controllers For Radio Controlled Devices** *(26 09 23 00-0318)*		
26 09 23 00-0371	EA	On/Off Switched Fluorescent Controllers For Radio Controlled Devices (Lutron RTA-RX-SW)	610.11	17.42
26 09 23 00-0372	EA	Dimmable Fluorescent Controllers For Radio Controlled Devices (Lutron RTA-RX-F)	687.59	17.42
26 09 23 00-0373	EA	Switch Closures And Dimmable Fluorescent Controllers For Radio Controlled Devices (Lutron RTA-RX-F-SC)	803.80	17.42
26 09 23 00-0374		**AC Motor Group Controllers For Radio Controlled Devices** *(26 09 23 00-0318)*		
26 09 23 00-0375	EA	Up To Two Motors, AC Motor Group Controllers For Radio Controlled Devices (Lutron WC-2M-GC)	900.65	17.42
26 09 23 00-0376	EA	Up To Four Motors, AC Motor Group Controllers For Radio Controlled Devices (Lutron WC-4M-GC)	1,239.61	17.42
26 09 23 00-0377		**Removal And Reinstallation Of Occupancy Sensors** *(26 09 23)*		
26 09 23 00-0378	EA	Removal And Reinstallation Of Ceiling Mounted Occupancy Sensor Note: Includes storing and cleaning.	78.36	
26 09 23 00-0379	EA	Removal And Reinstallation Of Wall Mounted Occupancy Sensor Note: Includes storing and cleaning.	52.25	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0380		**Occupancy Sensors (Watt Stopper)** *(26 09 23)* Note: Includes testing of new devices and certification.		
26 09 23 00-0381		**Occupancy Sensors** *(26 09 23 00-0380)* Note: Exclude boxes.		
26 09 23 00-0382		**Wall Switch Mounted Occupancy Sensors** *(26 09 23 00-0381)*		
26 09 23 00-0383		**Ultrasonic, Wall Switch Mounted Occupancy Sensors** *(26 09 23 00-0382)*		
26 09 23 00-0384	EA	Ultrasonic, Wall Switch Mounted Occupancy Sensor (Watt Stopper UW-100)	136.15	11.61
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.97*	
26 09 23 00-0385	EA	Dual Relay, Ultrasonic, Wall Switch Mounted Occupancy Sensor (Watt Stopper UW-200)	161.16	11.61
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.97*	
26 09 23 00-0386		**Passive Infrared, Wall Switch Mounted Occupancy Sensors** *(26 09 23 00-0382)*		
26 09 23 00-0387	EA	Nightlight, Passive Infrared, Wall Switch Mounted Occupancy Sensor (Watt Stopper WN-100)	111.97	11.61
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.97*	
26 09 23 00-0388	EA	Passive Infrared, Wall Switch Mounted Occupancy Sensor (Watt Stopper WS)	104.39	11.61
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.97*	
26 09 23 00-0389	EA	Passive Infrared, Wall Switch Mounted Occupancy Sensor (Watt Stopper PW-100)	118.54	11.61
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.97*	
26 09 23 00-0390	EA	Dual Relay, Passive Infrared, Wall Switch Mounted Occupancy Sensor (Watt Stopper PW-200)	137.66	11.61
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.97*	
26 09 23 00-0391	EA	Dimmable, Passive Infrared, Wall Switch Mounted Occupancy Sensor (Watt Stopper WD)	136.09	11.61
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.97*	
26 09 23 00-0392		**Passive Infrared And Ultrasonic, Wall Switch Mounted Occupancy Sensors** *(26 09 23 00-0382)*		
26 09 23 00-0393	EA	Passive Infrared And Ultrasonic, Wall Switch Mounted Occupancy Sensor (Watt Stopper DW-100)	199.24	11.61
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.97*	
26 09 23 00-0394	EA	Dual Relay, Passive Infrared And Ultrasonic, Wall Switch Mounted Occupancy Sensor (Watt Stopper DW-200)	215.06	11.61
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.97*	
26 09 23 00-0395		**Wall Switch Mounted Occupancy Sensor Accessories** *(26 09 23 00-0382)*		
26 09 23 00-0396	EA	Single Gang, Plastic Switch Plate Cover For Occupancy Sensors (Watt Stopper ASP)	7.31	2.90
26 09 23 00-0397	EA	One Side Blank, Double Gang, Plastic Switch Plate Cover For Occupancy Sensors (Watt Stopper ASP)	8.57	2.90
26 09 23 00-0398	EA	Switch Option, Double Gang, Plastic Switch Plate Cover For Occupancy Sensors (Watt Stopper ASP)	8.57	2.90
26 09 23 00-0399		**Ceiling Mounted Occupancy Sensors** *(26 09 23 00-0381)*		
26 09 23 00-0400		**Ultrasonic, Ceiling Mounted Occupancy Sensors** *(26 09 23 00-0399)*		
26 09 23 00-0401		**25 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensors** *(26 09 23 00-0400)*		
26 09 23 00-0402	EA	500 SF 360 Degree Coverage, 25 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper W-500A)	177.44	26.12
26 09 23 00-0403	EA	1,000 SF 360 Degree Coverage, 25 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper W-1000A)	204.64	26.12
26 09 23 00-0404	EA	2,000 SF 360 Degree Coverage, 25 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper W-2000A)	232.04	26.12
26 09 23 00-0405	EA	90 LF Hallway Coverage, 25 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper W-2000H)	229.57	26.12
26 09 23 00-0406		**32 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensors** *(26 09 23 00-0400)*		
26 09 23 00-0407	EA	600 SF 360 Degree Coverage, 32 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper WT-605)	193.54	26.12
26 09 23 00-0408	EA	1,100 SF 360 Degree Coverage, 32 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper WT-1105)	221.13	26.12
26 09 23 00-0409	EA	2,205 SF 360 Degree Coverage, 32 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper WT-2205)	247.25	26.12
26 09 23 00-0410	EA	90 LF Hallway Coverage, 32 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper WT-2255)	251.68	26.12
26 09 23 00-0411	EA	600 SF 360 Degree Coverage, Isolated Relay, 32 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper WT-600)	210.03	26.12
26 09 23 00-0412	EA	1,100 SF 360 Degree Coverage, Isolated Relay, 32 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper WT-1100)	238.30	26.12
26 09 23 00-0413	EA	2,200 SF 360 Degree Coverage, Isolated Relay, 32 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper WT-2200)	266.47	26.12
26 09 23 00-0414	EA	90 LF Hallway Coverage, Isolated Relay, 32 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper WT-2250)	274.58	26.12
26 09 23 00-0415		**40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensors** *(26 09 23 00-0400)*		
26 09 23 00-0416	EA	500 SF 360 Degree Coverage, Isolated Relay, 40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper UT-300-1)	201.51	26.12
26 09 23 00-0417	EA	1,000 SF 360 Degree Coverage, Isolated Relay, 40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper UT-300-2)	234.47	26.12
26 09 23 00-0418	EA	2,000 SF 360 Degree Coverage, Isolated Relay, 40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper UT-300-3)	262.06	26.12
26 09 23 00-0419	EA	500 SF 360 Degree Coverage, Panel Integrating, 40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper UT-305-1)	189.36	26.12
26 09 23 00-0420	EA	1,000 SF 360 Degree Coverage, Panel Integrating, 40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper UT-305-2)	230.91	26.12

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0421	EA	2,000 SF 360 Degree Coverage, Panel Integrating, 40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper UT-305-3)	244.36	26.12
26 09 23 00-0422	EA	500 SF 360 Degree Coverage, Line Voltage, 40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper UT-355-1)	203.22	26.12
26 09 23 00-0423	EA	1,000 SF 360 Degree Coverage, Line Voltage, 40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper UT-355-2)	227.14	26.12
26 09 23 00-0424	EA	2,000 SF 360 Degree Coverage, Line Voltage, 40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper UT-355-3)	256.67	26.12
26 09 23 00-0425		**Passive Infrared, Ceiling Mounted Occupancy Sensors** *(26 09 23 00-0399)*		
26 09 23 00-0426	EA	30 Segment, 5 Level Lens, Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper WPIR)	145.69	26.12
26 09 23 00-0427	EA	HVAC/BAS, Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper CI-12/24)	148.90	26.12
26 09 23 00-0428	EA	Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper CI-205)	156.51	26.12
26 09 23 00-0429	EA	Line Voltage, Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper CI-355)	176.92	26.12
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.68*	
26 09 23 00-0430	EA	Low Profile, Isolated Relay, Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper CI-305)	179.40	26.12
26 09 23 00-0431	EA	Isolated Relay, Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper CI-200)	190.08	26.12
26 09 23 00-0432	EA	Low Profile, Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper CI-300)	207.18	26.12
26 09 23 00-0433		**Passive Infrared And Ultrasonic, Ceiling Mounted Occupancy Sensors** *(26 09 23 00-0399)*		
26 09 23 00-0434	EA	1,000 SF 360 Degree Coverage, Line Voltage, Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper DT-355)	247.02	26.12
26 09 23 00-0435	EA	1,000 SF 360 Degree Coverage, Isolated Relay, Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper DT-300)	283.19	26.12
26 09 23 00-0436	EA	1,000 SF 360 Degree Coverage, Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper DT-305)	239.34	26.12
26 09 23 00-0437		**Ceiling/Wall Mounted Occupancy Sensors** *(26 09 23 00-0381)*		
26 09 23 00-0438		**Passive Infrared, Ceiling/Wall Mounted Occupancy Sensors** *(26 09 23 00-0437)*		
26 09 23 00-0439	EA	120 LF Coverage, Low Temperature, Passive Infrared, Ceiling/Wall Mounted Occupancy Sensor (Watt Stopper CB-100-1/3)	304.87	26.12
26 09 23 00-0440	EA	2,000 SF Coverage, Low Temperature, Passive Infrared, Ceiling/Wall Mounted Occupancy Sensor (Watt Stopper CB-100)	304.87	26.12
26 09 23 00-0441		**Passive Infrared And Ultrasonic, Ceiling/Wall Mounted Occupancy Sensors** *(26 09 23 00-0437)*		
26 09 23 00-0442	EA	2,000 SF Coverage, Passive Infrared And Ultrasonic, Ceiling/Wall Mounted Occupancy Sensor (Watt Stopper DT-200)	283.19	26.12
26 09 23 00-0443		**Occupancy Sensor Power Packs** *(26 09 23 00-0380)*		
26 09 23 00-0444		**Single Voltage, Occupancy Sensor Power Packs** *(26 09 23 00-0443)*		
26 09 23 00-0445	EA	220 To 240 Volt AC, 20 Amperes, Occupancy Sensor Power Pack (Watt Stopper B230E-P)	97.01	23.22
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.93*	
26 09 23 00-0446	EA	347 Volt AC, 15 Amperes, Occupancy Sensor Power Pack (Watt Stopper B347D-P)	87.83	23.22
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.93*	
26 09 23 00-0447		**Auxiliary, Occupancy Sensor Power Packs** *(26 09 23 00-0443)*		
26 09 23 00-0448	EA	120, 277 Or 347 Volt AC, 20 Amperes, Auxiliary Occupancy Sensor Power Pack (Watt Stopper S120/277/347E-P)	80.26	23.22
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.93*	
26 09 23 00-0449		**Universal Voltage, Power Packs For Occupancy Sensors** *(26 09 23 00-0443)*		
26 09 23 00-0450	EA	120/277 Volt AC, 20 Amperes, Dual Voltage, Occupancy Sensor Power Pack (Watt Stopper BZ-100)	107.96	23.22
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.93*	
26 09 23 00-0451		**Form C, Occupancy Sensor Power Packs** *(26 09 23 00-0443)*		
26 09 23 00-0452	EA	120 Volt AC, Form C, Occupancy Sensor Power Pack (Watt Stopper A120C-P)	97.43	23.22
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.93*	
26 09 23 00-0453	EA	277 Volt AC, Form C, Occupancy Sensor Power Pack (Watt Stopper A277C-P)	97.51	23.22
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.93*	
26 09 23 00-0454		**Two Relay, Occupancy Sensor Power Packs** *(26 09 23 00-0443)*		
26 09 23 00-0455	EA	120 Volt AC, Two Relay, Occupancy Sensor Power Pack (Watt Stopper C120E-P)	124.06	23.22
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.93*	
26 09 23 00-0456	EA	277 Volt AC, Two Relay, Occupancy Sensor Power Pack (Watt Stopper C277E-P)	125.88	23.22
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.93*	
26 09 23 00-0457		**Occupancy Sensor Power Supplies** *(26 09 23 00-0443)*		
26 09 23 00-0458	EA	120 Volt AC, Occupancy Sensor Power Supply (Watt Stopper BZ-150)	112.26	23.22
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.93*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0459	EA	277 Volt AC, Occupancy Sensor Power Supply (Watt Stopper AT-277)	258.68	23.22
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.93*	
26 09 23 00-0460		**Intelligent, Occupancy Sensor Power Packs** *(26 09 23 00-0443)*		
26 09 23 00-0461	EA	120/277 Volt AC, Two Relays, Two Dimming Channels, Intelligent Occupancy Sensor Power Pack (Watt Stopper LC-100)	344.07	23.22
26 09 23 00-0462		**DIN Rail Mounted, Occupancy Sensor Power Packs** *(26 09 23 00-0443)*		
26 09 23 00-0463	EA	120/230/277 Volt AC, DIN Rail Mounted, Occupancy Sensor Power Pack (Watt Stopper BD-100)	106.92	23.22
26 09 23 00-0464		**Occupancy Sensor Accessories** *(26 09 23 00-0380)*		
26 09 23 00-0465		**Protective Cages For Occupancy Sensors** *(26 09 23 00-0464)*		
26 09 23 00-0466	EA	Protective Cage For Occupancy Sensors (Watt Stopper WC)	62.53	8.70
26 09 23 00-0467		**Mounting Brackets For Occupancy Sensors** *(26 09 23 00-0464)*		
26 09 23 00-0468	EA	Mounting Bracket For Occupancy Sensor (Watt Stopper MB) Note: Includes J-plate for mounting to HID fixtures or L-plate for mounting to fluorescent fixtures, walls, shelves and girders.	47.05	14.51
26 09 23 00-0469		**Occupancy/Lighting Logger** *(26 09 23 00-0464)* Note: Logs when a space is occupied/vacant and when lighting is on/off.		
26 09 23 00-0470	EA	Occupancy/Lighting Logger With Connector Cable (Watt Stopper IT-200)	467.85	49.35
26 09 23 00-0471		**Digital Time Light Switches** *(26 09 23 00-0380)*		
26 09 23 00-0472	EA	Preset Time, Wall Switch Mounted, Digital Time Light Switch (Watt Stopper TS-400)	100.81	11.61
26 09 23 00-0473		**Digital High/Low Passive Infrared Fixture Integrated Outdoor Sensor** *(26 09 23 00-0380)*		
26 09 23 00-0474	EA	Digital High/Low Passive Infrared Fixture Integrated Outdoor Sensor (Watt Stopper FSP-211)	218.71	37.73
26 09 23 00-0475		**Occupancy Sensors (Sensor Switch)** *(26 09 23)* Note: Includes testing of new devices and certification.		
26 09 23 00-0476		**Occupancy Sensors (Sensor Switch)** *(26 09 23 00-0475)* Note: Exclude boxes		
26 09 23 00-0477		**Wall Switch Mount Occupancy Sensors (Sensor Switch)** *(26 09 23 00-0476)*		
26 09 23 00-0478		**Passive Infrared, Wall Switch Mount Occupancy Sensors (Sensor Switch)** *(26 09 23 00-0477)*		
26 09 23 00-0479	EA	Single Pole, Low Voltage, Passive Infrared, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD LV)	216.91	11.61
		For Low Temp/High Humidity Option, Add	*14.67*	
		For Low Voltage Relay Option, Add	*17.61*	
26 09 23 00-0480	EA	Nightlight, Line Voltage, Passive Infrared, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD NL)	152.35	11.61
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.97*	
26 09 23 00-0481	EA	Single Pole, Line Voltage, Fully Automatic, Passive Infrared, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD)	145.25	11.61
		For Low Temp/High Humidity Option, Add	*14.67*	
		For Photocell (Inhibit Mode Only) Option, Add	*17.61*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.97*	
26 09 23 00-0482	EA	Single Pole, Line Voltage, Semi-Automatic, Passive Infrared, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD SA)	145.25	11.61
		For Low Temp/High Humidity Option, Add	*14.67*	
		For Photocell (Inhibit Mode Only) Option, Add	*17.61*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.97*	
26 09 23 00-0483	EA	2-Pole, Line Voltage, Passive Infrared, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD 2P)	184.63	11.61
		For Low Temp/High Humidity Option, Add	*14.67*	
		For Photocell (Inhibit Mode Only) Option, Add	*17.61*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.97*	
26 09 23 00-0484	EA	Single Pole, Passive Infrared, Large Area, Wall Switch Mount Occupancy Sensor (Sensor Switch LWS)	184.63	11.61
		For Low Temp/High Humidity Option, Add	*14.67*	
		For Photocell (Inhibit Mode Only) Option, Add	*17.61*	
26 09 23 00-0485	EA	2-Pole, Passive Infrared, Large Area, Wall Switch Mount Occupancy Sensor (Sensor Switch LWS 2P)	225.00	11.61
		For Low Temp/High Humidity Option, Add	*14.67*	
		For Photocell (Inhibit Mode Only) Option, Add	*17.61*	
26 09 23 00-0486	EA	Single Pole, Passive Infrared, Internally Powered, Wall Switch Mount Occupancy Sensor (Sensor Switch IPD)	184.63	11.61
		For Low Temp/High Humidity Option, Add	*14.67*	
		For Photocell (Inhibit Mode Only) Option, Add	*17.61*	
26 09 23 00-0487		**Dual Technology, Wall Switch Mount Occupancy Sensors (Sensor Switch)** *(26 09 23 00-0477)* Note: Includes passive infrared and microphonics detection		
26 09 23 00-0488	EA	Single Pole, Low Voltage, Passive Infrared, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD PDT LV)	281.48	11.61
		For Low Temp/High Humidity Option, Add	*14.67*	
		For Low Voltage Relay Option, Add	*17.61*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0489	EA	Nightlight, Line Voltage, Dual Technology, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD PDT NL)	216.91	11.61
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.97*	
26 09 23 00-0490	EA	Single Pole, Line Voltage, Fully Automatic, Passive Infrared, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD PDT)	212.08	11.61
		For Low Temp/High Humidity Option, Add	*14.67*	
		For Photocell (Inhibit Mode Only) Option, Add	*17.61*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.97*	
26 09 23 00-0491	EA	Single Pole, Line Voltage, Semi-Automatic, Passive Infrared, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD PDT SA)	212.08	11.61
		For Low Temp/High Humidity Option, Add	*14.67*	
		For Photocell (Inhibit Mode Only) Option, Add	*17.61*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.97*	
26 09 23 00-0492	EA	2-Pole, Line Voltage, Passive Infrared, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD PDT 2P)	249.20	11.61
		For Low Temp/High Humidity Option, Add	*14.67*	
		For Photocell (Inhibit Mode Only) Option, Add	*17.61*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.97*	
26 09 23 00-0493	EA	Single Pole, Dual Technology, Large Area, Wall Switch Mount Occupancy Sensor (Sensor Switch LWS PDT)	249.20	11.61
		For Low Temp/High Humidity Option, Add	*14.67*	
		For Photocell (Inhibit Mode Only) Option, Add	*17.61*	
26 09 23 00-0494	EA	2-Pole, Dual Technology, Large Area, Wall Switch Mount Occupancy Sensor (Sensor Switch LWS PDT 2P)	268.57	11.61
		For Low Temp/High Humidity Option, Add	*14.67*	
		For Photocell (Inhibit Mode Only) Option, Add	*17.61*	
26 09 23 00-0495		**Wall Switch Mount Occupancy Sensor Accessories (Sensor Switch)** *(26 09 23 00-0477)*		
26 09 23 00-0496	EA	One Blank, 2-Gang, Plastic Switch Plate Cover For Occupancy Sensors (Sensor Switch WS BPX)	18.71	2.90
26 09 23 00-0497	EA	One Switch, 2-Gang, Plastic Switch Plate Cover For Occupancy Sensors (Sensor Switch WS SPX)	18.71	2.90
26 09 23 00-0498	EA	Two Blanks, 3-Gang, Plastic Switch Plate Cover For Occupancy Sensors (Sensor Switch WS BPX 3)	38.08	2.90
26 09 23 00-0499	EA	Two Switches, 3-Gang, Plastic Switch Plate Cover For Occupancy Sensors (Sensor Switch WS SPX 3)	38.08	2.90
26 09 23 00-0500		**360 Degree View Occupancy Sensors (Sensor Switch)** *(26 09 23 00-0476)*		
26 09 23 00-0501		**Passive Infrared, 360 Degree View Occupancy Sensors (Sensor Switch)** *(26 09 23 00-0500)*		
		Note: One photocell or dimming option per occupancy sensor		
26 09 23 00-0502	EA	Low Voltage, Passive Infrared, Ceiling Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CM 9)	245.94	26.12
		For Low Temp/High Humidity Option, Add	*14.67*	
		For Low Voltage Relay Option, Add	*17.61*	
		For Photocell (Inhibit Mode Only) Option, Add	*17.61*	
		For Occupancy Controlled Dimming Option, Add	*29.35*	
		For Photocell Option With Dimming Capability, Add	*44.02*	
26 09 23 00-0503	EA	Low Voltage, Passive Infrared, Recessed Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch RM 9)	245.94	26.12
		For Low Temp/High Humidity Option, Add	*14.67*	
		For Low Voltage Relay Option, Add	*17.61*	
		For Photocell (Inhibit Mode Only) Option, Add	*17.61*	
		For Occupancy Controlled Dimming Option, Add	*29.35*	
		For Photocell Option With Dimming Capability, Add	*44.02*	
26 09 23 00-0504	EA	Low Voltage, Passive Infrared, Fixture (Box) Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMB 9)	245.94	26.12
		For Low Temp/High Humidity Option, Add	*14.67*	
		For Low Voltage Relay Option, Add	*17.61*	
		For Photocell (Inhibit Mode Only) Option, Add	*17.61*	
		For Occupancy Controlled Dimming Option, Add	*29.35*	
		For Photocell Option With Dimming Capability, Add	*44.02*	
26 09 23 00-0505	EA	Single Pole, Line Voltage, Passive Infrared, Ceiling Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMR 9)	262.08	26.12
		For Low Temp/High Humidity Option, Add	*14.67*	
		For Photocell (Inhibit Mode Only) Option, Add	*17.61*	
		For Occupancy Controlled Dimming Option, Add	*29.35*	
		For Photocell Option With Dimming Capability, Add	*44.02*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.68*	
26 09 23 00-0506	EA	Single Pole, Line Voltage, Passive Infrared, Recessed Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch RMR 9)	262.08	26.12
		For Low Temp/High Humidity Option, Add	*14.67*	
		For Photocell (Inhibit Mode Only) Option, Add	*17.61*	
		For Occupancy Controlled Dimming Option, Add	*29.35*	
		For Photocell Option With Dimming Capability, Add	*44.02*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.68*	
26 09 23 00-0507	EA	Single Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMRB 9)	210.43	26.12
		For Low Temp/High Humidity Option, Add	*14.67*	
		For Photocell (Inhibit Mode Only) Option, Add	*17.61*	
		For Occupancy Controlled Dimming Option, Add	*29.35*	
		For Photocell Option With Dimming Capability, Add	*44.02*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.68*	
26 09 23 00-0508	EA	2-Pole, Line Voltage, Passive Infrared, Ceiling Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMR 9 2P)	326.65	26.12
		For Low Temp/High Humidity Option, Add	*14.67*	
		For Photocell (Inhibit Mode Only) Option, Add	*17.61*	
		For Photocell Option With Dual Zone On/Off, Add	*44.02*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.68*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0509	EA	2-Pole, Line Voltage, Passive Infrared, Recessed Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch RMR 9 2P)	326.65	26.12
		For Low Temp/High Humidity Option, Add	*14.67*	
		For Photocell (Inhibit Mode Only) Option, Add	*17.61*	
		For Photocell Option With Dual Zone On/Off, Add	*44.02*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.68*	
26 09 23 00-0510	EA	2-Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMRB 9 2P)	275.00	26.12
		For Low Temp/High Humidity Option, Add	*14.67*	
		For Photocell (Inhibit Mode Only) Option, Add	*17.61*	
		For Photocell Option With Dual Zone On/Off, Add	*44.02*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.68*	
26 09 23 00-0511	EA	Low Voltage, Passive Infrared, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CM 10)	245.94	26.12
		For Low Temp/High Humidity Option, Add	*14.67*	
		For Low Voltage Relay Option, Add	*17.61*	
		For Photocell (Inhibit Mode Only) Option, Add	*17.61*	
		For Occupancy Controlled Dimming Option, Add	*29.35*	
		For Photocell Option With Dimming Capability, Add	*44.02*	
26 09 23 00-0512	EA	Low Voltage, Passive Infrared, Recessed Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch RM 10)	245.94	26.12
		For Low Temp/High Humidity Option, Add	*14.67*	
		For Low Voltage Relay Option, Add	*17.61*	
		For Photocell (Inhibit Mode Only) Option, Add	*17.61*	
		For Occupancy Controlled Dimming Option, Add	*29.35*	
		For Photocell Option With Dimming Capability, Add	*44.02*	
26 09 23 00-0513	EA	Low Voltage, Passive Infrared, Fixture (Box) Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMB 10)	245.94	26.12
		For Low Temp/High Humidity Option, Add	*14.67*	
		For Low Voltage Relay Option, Add	*17.61*	
		For Photocell (Inhibit Mode Only) Option, Add	*17.61*	
		For Occupancy Controlled Dimming Option, Add	*29.35*	
		For Photocell Option With Dimming Capability, Add	*44.02*	
26 09 23 00-0514	EA	Single Pole, Line Voltage, Passive Infrared, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMR 10)	262.08	26.12
		For Low Temp/High Humidity Option, Add	*14.67*	
		For Photocell (Inhibit Mode Only) Option, Add	*17.61*	
		For Occupancy Controlled Dimming Option, Add	*29.35*	
		For Photocell Option With Dimming Capability, Add	*44.02*	
26 09 23 00-0515	EA	Single Pole, Line Voltage, Passive Infrared, Recessed Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch RMR 10)	262.08	26.12
		For Low Temp/High Humidity Option, Add	*14.67*	
		For Photocell (Inhibit Mode Only) Option, Add	*17.61*	
		For Occupancy Controlled Dimming Option, Add	*29.35*	
		For Photocell Option With Dimming Capability, Add	*44.02*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.68*	
26 09 23 00-0516	EA	Single Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMRB 10)	210.43	26.12
		For Low Temp/High Humidity Option, Add	*14.67*	
		For Photocell (Inhibit Mode Only) Option, Add	*17.61*	
		For Occupancy Controlled Dimming Option, Add	*29.35*	
		For Photocell Option With Dimming Capability, Add	*44.02*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.68*	
26 09 23 00-0517	EA	2-Pole, Line Voltage, Passive Infrared, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMR 10 2P)	326.65	26.12
		For Low Temp/High Humidity Option, Add	*14.67*	
		For Photocell (Inhibit Mode Only) Option, Add	*17.61*	
		For Photocell Option With Dual Zone On/Off, Add	*44.02*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.68*	
26 09 23 00-0518	EA	2-Pole, Line Voltage, Passive Infrared, Recessed Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch RMR 10 2P)	326.65	26.12
		For Low Temp/High Humidity Option, Add	*14.67*	
		For Photocell (Inhibit Mode Only) Option, Add	*17.61*	
		For Photocell Option With Dual Zone On/Off, Add	*44.02*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.68*	
26 09 23 00-0519	EA	2-Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMRB 10 2P)	275.00	26.12
		For Low Temp/High Humidity Option, Add	*14.67*	
		For Photocell (Inhibit Mode Only) Option, Add	*17.61*	
		For Photocell Option With Dual Zone On/Off, Add	*44.02*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.68*	

26 09 23 00-0520 Dual Technology, 360 Degree View Occupancy Sensors (Sensor Switch) *(26 09 23 00-0500)*

Note: One photocell or dimming option per occupancy sensor. Includes passive infrared and microphonics detection

26 09 23 00-0521	EA	Low Voltage, Dual Technology, Ceiling Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CM PDT 9)	310.51	26.12
		For Low Temp/High Humidity Option, Add	*14.67*	
		For Low Voltage Relay Option, Add	*17.61*	
		For Photocell (Inhibit Mode Only) Option, Add	*17.61*	
		For Occupancy Controlled Dimming Option, Add	*29.35*	
		For Photocell Option With Dimming Capability, Add	*44.02*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0522	EA	Low Voltage, Dual Technology, Recessed Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch RM PDT 9)	310.51	26.12
		For Low Temp/High Humidity Option, Add	*14.67*	
		For Low Voltage Relay Option, Add	*17.61*	
		For Photocell (Inhibit Mode Only) Option, Add	*17.61*	
		For Occupancy Controlled Dimming Option, Add	*29.35*	
		For Photocell Option With Dimming Capability, Add	*44.02*	
26 09 23 00-0523	EA	Low Voltage, Dual Technology, Fixture (Box) Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMB PDT 9)	310.51	26.12
		For Low Temp/High Humidity Option, Add	*14.67*	
		For Low Voltage Relay Option, Add	*17.61*	
		For Photocell (Inhibit Mode Only) Option, Add	*17.61*	
		For Occupancy Controlled Dimming Option, Add	*29.35*	
		For Photocell Option With Dimming Capability, Add	*44.02*	
26 09 23 00-0524	EA	Single Pole, Line Voltage, Dual Technology, Ceiling Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMR PDT 9)	294.37	26.12
		For Low Temp/High Humidity Option, Add	*14.67*	
		For Photocell (Inhibit Mode Only) Option, Add	*17.61*	
		For Occupancy Controlled Dimming Option, Add	*29.35*	
		For Photocell Option With Dimming Capability, Add	*44.02*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.68*	
26 09 23 00-0525	EA	Single Pole, Line Voltage, Dual Technology, Recessed Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch RMR PDT 9)	294.37	26.12
		For Low Temp/High Humidity Option, Add	*14.67*	
		For Photocell (Inhibit Mode Only) Option, Add	*17.61*	
		For Occupancy Controlled Dimming Option, Add	*29.35*	
		For Photocell Option With Dimming Capability, Add	*44.02*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.68*	
26 09 23 00-0526	EA	Single Pole, Line Voltage, Dual Technology, Fixture (Box) Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMRB PDT 9)	242.72	26.12
		For Low Temp/High Humidity Option, Add	*14.67*	
		For Photocell (Inhibit Mode Only) Option, Add	*17.61*	
		For Occupancy Controlled Dimming Option, Add	*29.35*	
		For Photocell Option With Dimming Capability, Add	*44.02*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.68*	
26 09 23 00-0527	EA	2-Pole, Line Voltage, Dual Technology, Ceiling Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMR PDT 9 2P)	358.93	26.12
		For Low Temp/High Humidity Option, Add	*14.67*	
		For Photocell (Inhibit Mode Only) Option, Add	*17.61*	
		For Photocell Option With Dual Zone On/Off, Add	*44.02*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.68*	
26 09 23 00-0528	EA	2-Pole, Line Voltage, Dual Technology, Recessed Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch RMR PDT 9 2P)	358.93	26.12
		For Low Temp/High Humidity Option, Add	*14.67*	
		For Photocell (Inhibit Mode Only) Option, Add	*17.61*	
		For Photocell Option With Dual Zone On/Off, Add	*44.02*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.68*	
26 09 23 00-0529	EA	2-Pole, Line Voltage, Dual Technology, Fixture (Box) Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMRB PDT 9 2P)	307.28	26.12
		For Low Temp/High Humidity Option, Add	*14.67*	
		For Photocell (Inhibit Mode Only) Option, Add	*17.61*	
		For Photocell Option With Dual Zone On/Off, Add	*44.02*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.68*	
26 09 23 00-0530	EA	Low Voltage, Dual Technology, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CM PDT 10)	310.51	26.12
		For Low Temp/High Humidity Option, Add	*14.67*	
		For Low Voltage Relay Option, Add	*17.61*	
		For Photocell (Inhibit Mode Only) Option, Add	*17.61*	
		For Occupancy Controlled Dimming Option, Add	*29.35*	
		For Photocell Option With Dimming Capability, Add	*44.02*	
26 09 23 00-0531	EA	Low Voltage, Dual Technology, Recessed Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch RM PDT 10)	310.51	26.12
		For Low Temp/High Humidity Option, Add	*14.67*	
		For Low Voltage Relay Option, Add	*17.61*	
		For Photocell (Inhibit Mode Only) Option, Add	*17.61*	
		For Occupancy Controlled Dimming Option, Add	*29.35*	
		For Photocell Option With Dimming Capability, Add	*44.02*	
26 09 23 00-0532	EA	Low Voltage, Dual Technology, Fixture (Box) Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMB PDT 10)	310.51	26.12
		For Low Temp/High Humidity Option, Add	*14.67*	
		For Low Voltage Relay Option, Add	*17.61*	
		For Photocell (Inhibit Mode Only) Option, Add	*17.61*	
		For Occupancy Controlled Dimming Option, Add	*29.35*	
		For Photocell Option With Dimming Capability, Add	*44.02*	
26 09 23 00-0533	EA	Single Pole, Line Voltage, Dual Technology, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMR PDT 10)	294.37	26.12
		For Low Temp/High Humidity Option, Add	*14.67*	
		For Photocell (Inhibit Mode Only) Option, Add	*17.61*	
		For Occupancy Controlled Dimming Option, Add	*29.35*	
		For Photocell Option With Dimming Capability, Add	*44.02*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.68*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0534	EA	Single Pole, Line Voltage, Dual Technology, Recessed Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch RMR PDT 10)	294.37	26.12
		For Low Temp/High Humidity Option, Add	*14.67*	
		For Photocell (Inhibit Mode Only) Option, Add	*17.61*	
		For Occupancy Controlled Dimming Option, Add	*29.35*	
		For Photocell Option With Dimming Capability, Add	*44.02*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.68*	
26 09 23 00-0535	EA	Single Pole, Line Voltage, Dual Technology, Fixture (Box) Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMRB PDT 10)	242.72	26.12
		For Low Temp/High Humidity Option, Add	*14.67*	
		For Photocell (Inhibit Mode Only) Option, Add	*17.61*	
		For Occupancy Controlled Dimming Option, Add	*29.35*	
		For Photocell Option With Dimming Capability, Add	*44.02*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.68*	
26 09 23 00-0536	EA	2-Pole, Line Voltage, Dual Technology, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMR PDT 10 2P)	358.93	26.12
		For Low Temp/High Humidity Option, Add	*14.67*	
		For Photocell (Inhibit Mode Only) Option, Add	*17.61*	
		For Photocell Option With Dual Zone On/Off, Add	*44.02*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.68*	
26 09 23 00-0537	EA	2-Pole, Line Voltage, Dual Technology, Recessed Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch RMR PDT 10 2P)	358.93	26.12
		For Low Temp/High Humidity Option, Add	*14.67*	
		For Photocell (Inhibit Mode Only) Option, Add	*17.61*	
		For Photocell Option With Dual Zone On/Off, Add	*44.02*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.68*	
26 09 23 00-0538	EA	2-Pole, Line Voltage, Dual Technology, Fixture (Box) Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMRB PDT 10 2P)	307.28	26.12
		For Low Temp/High Humidity Option, Add	*14.67*	
		For Photocell (Inhibit Mode Only) Option, Add	*17.61*	
		For Photocell Option With Dual Zone On/Off, Add	*44.02*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.68*	

26 09 23 00-0539 Wide View And Hallway Occupancy Sensors (Sensor Switch) *(26 09 23 00-0476)*

26 09 23 00-0540 Passive Infrared, Wide View And Hallway Occupancy Sensors (Sensor Switch) *(26 09 23 00-0539)*

26 09 23 00-0541	EA	Low Voltage, Passive Infrared, Wall Mount, Wide View Occupancy Sensor (Sensor Switch WV 16)	245.94	26.12
		For Low Temp/High Humidity Option, Add	*14.67*	
		For Low Voltage Relay Option, Add	*17.61*	
		For Photocell (Inhibit Mode Only) Option, Add	*17.61*	
		For Ceiling Mount, Add	*29.35*	
26 09 23 00-0542	EA	Low Voltage, Passive Infrared, Wall Mount, Hallway Occupancy Sensor (Sensor Switch HW 13)	278.23	26.12
		For Low Temp/High Humidity Option, Add	*14.67*	
		For Low Voltage Relay Option, Add	*17.61*	
		For Photocell (Inhibit Mode Only) Option, Add	*17.61*	
		For Ceiling Mount, Add	*29.35*	
26 09 23 00-0543	EA	Line Voltage, Passive Infrared, Wall Mount, Hallway Occupancy Sensor (Sensor Switch HWR 13)	342.79	26.12
		For Low Temp/High Humidity Option, Add	*14.67*	
		For Ceiling Mount, Add	*29.35*	
26 09 23 00-0544	EA	Single Pole, Line Voltage, Passive Infrared, Wall Mount, Wide View Occupancy Sensor (Sensor Switch WVR 16)	326.65	26.12
		For Low Temp/High Humidity Option, Add	*14.67*	
		For Photocell (Inhibit Mode Only) Option, Add	*17.61*	
		For Ceiling Mount, Add	*29.35*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.68*	
26 09 23 00-0545	EA	2-Pole, Line Voltage, Passive Infrared, Wall Mount, Wide View Occupancy Sensor (Sensor Switch WVR 16 2P)	391.21	26.12
		For Low Temp/High Humidity Option, Add	*14.67*	
		For Photocell (Inhibit Mode Only) Option, Add	*17.61*	
		For Ceiling Mount, Add	*29.35*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.68*	

26 09 23 00-0546 Dual Technology, Wide View And Hallway Occupancy Sensors (Sensor Switch) *(26 09 23 00-0539)*

Note: Includes passive infrared and microphonics detection

26 09 23 00-0547	EA	Low Voltage, Dual Technology, Wall Mount, Wide View Occupancy Sensor (Sensor Switch WV PDT 16)	310.51	26.12
		For Low Temp/High Humidity Option, Add	*14.67*	
		For Low Voltage Relay Option, Add	*17.61*	
		For Photocell (Inhibit Mode Only) Option, Add	*17.61*	
		For Ceiling Mount, Add	*29.35*	
26 09 23 00-0548	EA	Single Pole, Line Voltage, Dual Technology, Wall Mount, Wide View Occupancy Sensor (Sensor Switch WVR PDT 16)	358.93	26.12
		For Low Temp/High Humidity Option, Add	*14.67*	
		For Photocell (Inhibit Mode Only) Option, Add	*17.61*	
		For Ceiling Mount, Add	*29.35*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.68*	
26 09 23 00-0549	EA	2-Pole, Line Voltage, Dual Technology, Wall Mount, Wide View Occupancy Sensor (Sensor Switch WVR PDT 16 2P)	423.50	26.12
		For Low Temp/High Humidity Option, Add	*14.67*	
		For Photocell (Inhibit Mode Only) Option, Add	*17.61*	
		For Ceiling Mount, Add	*29.35*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.68*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0550		High Bay Occupancy Sensors (Sensor Switch) *(26 09 23 00-0476)*		
26 09 23 00-0551		Passive Infrared, High Bay Occupancy Sensors (Sensor Switch) *(26 09 23 00-0550)*		
26 09 23 00-0552	EA	Low Voltage, Passive Infrared, Ceiling Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CM 6)	245.94	26.12
		For Low Temp/High Humidity Option, Add	*14.67*	
		For Low Voltage Relay Option, Add	*17.61*	
		For Photocell Option, Add	*29.35*	
		For Occupancy Controlled Dimming Option, Add	*29.35*	
26 09 23 00-0553	EA	Low Voltage, Passive Infrared, Recessed Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch RM 6)	245.94	26.12
		For Low Temp/High Humidity Option, Add	*14.67*	
		For Low Voltage Relay Option, Add	*17.61*	
		For Photocell Option, Add	*29.35*	
		For Occupancy Controlled Dimming Option, Add	*29.35*	
26 09 23 00-0554	EA	Low Voltage, Passive Infrared, Fixture (Box) Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CMB 6)	245.94	26.12
		For Low Temp/High Humidity Option, Add	*14.67*	
		For Low Voltage Relay Option, Add	*17.61*	
		For Photocell Option, Add	*29.35*	
		For Occupancy Controlled Dimming Option, Add	*29.35*	
26 09 23 00-0555	EA	Single Pole, Line Voltage, Passive Infrared, Ceiling Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CMR 6)	210.43	26.12
		For Low Temp/High Humidity Option, Add	*14.67*	
		For Start To High, HID Option, Add	*17.61*	
		For Photocell Option, Add	*29.35*	
		For Occupancy Controlled Dimming Option, Add	*29.35*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.68*	
26 09 23 00-0556	EA	Single Pole, Line Voltage, Passive Infrared, Recessed Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch RMR 6)	210.43	26.12
		For Low Temp/High Humidity Option, Add	*14.67*	
		For Start To High, HID Option, Add	*17.61*	
		For Photocell Option, Add	*29.35*	
		For Occupancy Controlled Dimming Option, Add	*29.35*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.68*	
26 09 23 00-0557	EA	Single Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CMRB 6)	210.43	26.12
		For Low Temp/High Humidity Option, Add	*14.67*	
		For Start To High, HID Option, Add	*17.61*	
		For Photocell Option, Add	*29.35*	
		For Occupancy Controlled Dimming Option, Add	*29.35*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.68*	
26 09 23 00-0558	EA	2-Pole, Line Voltage, Passive Infrared, Ceiling Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CMR 6 2P)	275.00	26.12
		For Low Temp/High Humidity Option, Add	*14.67*	
		For Photocell Option, Add	*29.35*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.68*	
26 09 23 00-0559	EA	2-Pole, Line Voltage, Passive Infrared, Recessed Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch RMR 6 2P)	275.00	26.12
		For Low Temp/High Humidity Option, Add	*14.67*	
		For Photocell Option, Add	*29.35*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.68*	
26 09 23 00-0560	EA	2-Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CMRB 6 2P)	275.00	26.12
		For Low Temp/High Humidity Option, Add	*14.67*	
		For Photocell Option, Add	*29.35*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.68*	
26 09 23 00-0561	EA	208/240 Volt AC, Line Voltage, Passive Infrared, Ceiling Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CMR 6 208)	233.03	26.12
		For Low Temp/High Humidity Option, Add	*14.67*	
		For Photocell Option, Add	*29.35*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.68*	
26 09 23 00-0562	EA	208/240 Volt AC, Line Voltage, Passive Infrared, Recessed Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch RMR 6 208)	233.03	26.12
		For Low Temp/High Humidity Option, Add	*14.67*	
		For Photocell Option, Add	*29.35*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.68*	
26 09 23 00-0563	EA	208/240 Volt AC, Line Voltage, Passive Infrared, Fixture (Box) Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CMRB 6 208)	233.03	26.12
		For Low Temp/High Humidity Option, Add	*14.67*	
		For Photocell Option, Add	*29.35*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.68*	
26 09 23 00-0564	EA	480 Volt AC, Line Voltage, Passive Infrared, Ceiling Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CMR 6 480)	233.03	26.12
		For Low Temp/High Humidity Option, Add	*14.67*	
		For Photocell Option, Add	*29.35*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.68*	
26 09 23 00-0565	EA	480 Volt AC, Line Voltage, Passive Infrared, Recessed Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch RMR 6 480)	233.03	26.12
		For Low Temp/High Humidity Option, Add	*14.67*	
		For Photocell Option, Add	*29.35*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.68*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0566	EA	480 Volt AC, Line Voltage, Passive Infrared, Fixture (Box) Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CMRB 6 480)	233.03	26.12
		For Low Temp/High Humidity Option, Add	*14.67*	
		For Photocell Option, Add	*29.35*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.68*	
26 09 23 00-0567	EA	Low Voltage, Passive Infrared, Surface Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch HM 50)	278.23	26.12
		For Low Temp/High Humidity Option, Add	*14.67*	
		For Low Voltage Relay Option, Add	*17.61*	
		For Occupancy Controlled Dimming Option, Add	*29.35*	
26 09 23 00-0568	EA	Low Voltage, Passive Infrared, Recessed Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch RM 50)	278.23	26.12
		For Low Temp/High Humidity Option, Add	*14.67*	
		For Low Voltage Relay Option, Add	*17.61*	
		For Occupancy Controlled Dimming Option, Add	*29.35*	
26 09 23 00-0569	EA	Low Voltage, Passive Infrared, Fixture (Box) Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch CMB 50)	278.23	26.12
		For Low Temp/High Humidity Option, Add	*14.67*	
		For Low Voltage Relay Option, Add	*17.61*	
		For Photocell Option, Add	*29.35*	
		For Occupancy Controlled Dimming Option, Add	*29.35*	
26 09 23 00-0570	EA	Single Pole, Line Voltage, Passive Infrared, Surface Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch HMR 50)	339.56	26.12
		For Low Temp/High Humidity Option, Add	*14.67*	
		For Start To High, HID Option, Add	*17.61*	
		For Occupancy Controlled Dimming Option, Add	*29.35*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.68*	
26 09 23 00-0571	EA	Single Pole, Line Voltage, Passive Infrared, Recessed Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch RMR 50)	339.56	26.12
		For Low Temp/High Humidity Option, Add	*14.67*	
		For Start To High, HID Option, Add	*17.61*	
		For Occupancy Controlled Dimming Option, Add	*29.35*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.68*	
26 09 23 00-0572	EA	Single Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch CMRB 50)	339.56	26.12
		For Low Temp/High Humidity Option, Add	*14.67*	
		For Start To High, HID Option, Add	*17.61*	
		For Photocell Option, Add	*29.35*	
		For Occupancy Controlled Dimming Option, Add	*29.35*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.68*	
26 09 23 00-0573	EA	2-Pole, Line Voltage, Recessed Mount, Passive Infrared, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch RMR 50 2P)	297.60	26.12
		For Low Temp/High Humidity Option, Add	*14.67*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.68*	
26 09 23 00-0574	EA	2-Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch CMRB 50 2P)	297.60	26.12
		For Low Temp/High Humidity Option, Add	*14.67*	
		For Photocell Option, Add	*29.35*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.68*	
26 09 23 00-0575	EA	208/240 Volt AC, Line Voltage, Passive Infrared, Recessed Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch RMR 50 208)	249.17	26.12
		For Low Temp/High Humidity Option, Add	*14.67*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.68*	
26 09 23 00-0576	EA	208/240 Volt AC, Line Voltage, Passive Infrared, Fixture (Box) Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch CMRB 50 208)	249.17	26.12
		For Low Temp/High Humidity Option, Add	*14.67*	
		For Photocell Option, Add	*29.35*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.68*	
26 09 23 00-0577	EA	480 Volt AC, Line Voltage, Passive Infrared, Recessed Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch RMR 50 480)	249.17	26.12
		For Low Temp/High Humidity Option, Add	*14.67*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.68*	
26 09 23 00-0578	EA	480 Volt AC, Line Voltage, Passive Infrared, Fixture (Box) Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch CMRB 50 480)	249.17	26.12
		For Low Temp/High Humidity Option, Add	*14.67*	
		For Photocell Option, Add	*29.35*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.68*	
26 09 23 00-0579	EA	Low Voltage, Passive Infrared, Surface Mount, End Of Aisle Way View, High Bay Occupancy Sensor (Sensor Switch HM 10)	278.23	26.12
		For Low Temp/High Humidity Option, Add	*14.67*	
		For Low Voltage Relay Option, Add	*17.61*	
		For Occupancy Controlled Dimming Option, Add	*29.35*	
26 09 23 00-0580	EA	Low Voltage, Passive Infrared, Fixture (Box) Mount, End Of Aisle Way View, High Bay Occupancy Sensor (Sensor Switch HMB 10)	278.23	26.12
		For Low Temp/High Humidity Option, Add	*14.67*	
		For Low Voltage Relay Option, Add	*17.61*	
		For Occupancy Controlled Dimming Option, Add	*29.35*	
26 09 23 00-0581	EA	Single Pole, Line Voltage, Passive Infrared, Surface Mount, End Of Aisle Way View, High Bay Occupancy Sensor (Sensor Switch HMR 10)	339.56	26.12
		For Low Temp/High Humidity Option, Add	*14.67*	
		For Start To High, HID Option, Add	*17.61*	
		For Occupancy Controlled Dimming Option, Add	*29.35*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.68*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0582	EA	Single Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, End Of Aisle Way View, High Bay Occupancy Sensor (Sensor Switch HMRB 10)	339.56	26.12
		For Low Temp/High Humidity Option, Add	*14.67*	
		For Start To High, HID Option, Add	*17.61*	
		For Occupancy Controlled Dimming Option, Add	*29.35*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.68*	
26 09 23 00-0583	EA	2-Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, End Of Aisle Way View, High Bay Occupancy Sensor (Sensor Switch HMRB 10 2P)	326.65	26.12
		For Low Temp/High Humidity Option, Add	*14.67*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.68*	
26 09 23 00-0584	EA	480 Volt AC, Line Voltage, Passive Infrared, Fixture (Box) Mount, End Of Aisle Way View, High Bay Occupancy Sensor (Sensor Switch HMRB 10 480)	294.37	26.12
		For Low Temp/High Humidity Option, Add	*14.67*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.68*	
26 09 23 00-0585	EA	208/240 Volt AC, Line Voltage, Passive Infrared, Fixture (Box) Mount, End Of Aisle Way View, High Bay Occupancy Sensor (Sensor Switch HMRB 10 208)	294.37	26.12
		For Low Temp/High Humidity Option, Add	*14.67*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.68*	

26 09 23 00-0586 Occupancy Sensor Power Packs (Sensor Switch) *(26 09 23 00-0475)*

26 09 23 00-0587	EA	Single Pole, 20 Amperes, 120/277 Volt AC, Occupancy Sensor Power Pack With Relay Circuit Protection (Sensor Switch PP20)	136.83	23.22
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.93*	
26 09 23 00-0588	EA	2-Pole, 20 Amperes, 120/277 Volt AC, Occupancy Sensor Power Pack With Relay Circuit Protection (Sensor Switch PP20 2P)	201.39	23.22
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.93*	
26 09 23 00-0589	EA	Single Pole, 20 Amperes, 120/277 Volt AC, Occupancy Sensor Power Pack Without Relay Circuit Protection (Sensor Switch MP20)	104.55	23.22
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.93*	
26 09 23 00-0590	EA	2-Pole, 20 Amperes, 120/277 Volt AC, Occupancy Sensor Slave Pack Without Relay Circuit Protection (Sensor Switch MSP20)	94.86	23.22
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.93*	
26 09 23 00-0591	EA	20 Amperes, 120/277 Volt AC, Occupancy Sensor Slave Pack (Sensor Switch SP20)	127.15	23.22
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.93*	
26 09 23 00-0592	EA	120/277 Volt AC, High Intensity Discharge (HID) Power Pack With 20 Minute Start To High Override (Sensor Switch PP20 SH)	207.85	23.22
		For Low Temp/High Humidity Option, Add	*14.67*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.93*	
26 09 23 00-0593	EA	120/277 Volt AC, 2-Pole, Power Pack With Alternating Relays (Sensor Switch PP 2PAR)	207.85	23.22
		For Low Temp/High Humidity Option, Add	*14.67*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.93*	
26 09 23 00-0594	EA	120/277 Volt AC, Power Pack With Momentary Contacts For Latching Contactors Or Relays (Sensor Switch PP 2PM)	207.85	23.22
		For Low Temp/High Humidity Option, Add	*14.67*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.93*	

26 09 23 00-0595 Daylighting Control (Sensor Switch) *(26 09 23 00-0475)*

26 09 23 00-0596	EA	Low Voltage, Ceiling Mount, On-Off Switching Photocell (Sensor Switch CM PC)	213.66	26.12
		For Low Temp/High Humidity Option, Add	*14.67*	
		For Dual Zone Option, Add	*44.02*	
26 09 23 00-0597	EA	Low Voltage, Recessed Mount, On-Off Switching Photocell (Sensor Switch RM PC)	213.66	26.12
		For Low Temp/High Humidity Option, Add	*14.67*	
		For Dual Zone Option, Add	*44.02*	
26 09 23 00-0598	EA	Low Voltage, Fixture (Box) Mount, On-Off Switching Photocell (Sensor Switch CMB PC)	213.66	26.12
		For Low Temp/High Humidity Option, Add	*14.67*	
		For Dual Zone Option, Add	*44.02*	
26 09 23 00-0599	EA	Line Voltage, Ceiling Mount, On-Off Switching Photocell (Sensor Switch CMR PC)	213.66	26.12
		For Low Temp/High Humidity Option, Add	*14.67*	
		For 480 Volt AC Option, Add	*20.54*	
		For Dual Zone Option, Add	*44.02*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.68*	
26 09 23 00-0600	EA	Line Voltage, Recessed Mount, On-Off Switching Photocell (Sensor Switch RMR PC)	213.66	26.12
		For Low Temp/High Humidity Option, Add	*14.67*	
		For 480 Volt AC Option, Add	*20.54*	
		For Dual Zone Option, Add	*44.02*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.68*	
26 09 23 00-0601	EA	Line Voltage, Fixture (Box) Mount, On-Off Switching Photocell (Sensor Switch CMRB PC)	213.66	26.12
		For Low Temp/High Humidity Option, Add	*14.67*	
		For 480 Volt AC Option, Add	*20.54*	
		For Dual Zone Option, Add	*44.02*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.68*	
26 09 23 00-0602	EA	Low Voltage, Ceiling Mount, Automatic Dimming Control Photocell (Sensor Switch CM ADC)	213.66	26.12
		For Low Temp/High Humidity Option, Add	*14.67*	
		For Dual Zone Option, Add	*44.02*	
26 09 23 00-0603	EA	Low Voltage, Recessed Mount, Automatic Dimming Control Photocell (Sensor Switch RM ADC)	213.66	26.12
		For Low Temp/High Humidity Option, Add	*14.67*	
		For Dual Zone Option, Add	*44.02*	
26 09 23 00-0604	EA	Low Voltage, Fixture (Box) Mount, Automatic Dimming Control Photocell (Sensor Switch CMB ADC)	213.66	26.12
		For Low Temp/High Humidity Option, Add	*14.67*	
		For Dual Zone Option, Add	*44.02*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0605	EA	Line Voltage, Ceiling Mount, Automatic Dimming Control Photocell (Sensor Switch CMR ADC)	213.66	26.12
		For Low Temp/High Humidity Option, Add	*14.67*	
		For Dual Zone Option, Add	*44.02*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.68*	
26 09 23 00-0606	EA	Line Voltage, Recessed Mount, Automatic Dimming Control Photocell (Sensor Switch RMR ADC)	213.66	26.12
		For Low Temp/High Humidity Option, Add	*14.67*	
		For Dual Zone Option, Add	*44.02*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.68*	
26 09 23 00-0607	EA	Line Voltage, Fixture (Box) Mount, Automatic Dimming Control Photocell (Sensor Switch CMRB ADC)	213.66	26.12
		For Low Temp/High Humidity Option, Add	*14.67*	
		For Dual Zone Option, Add	*44.02*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.68*	
26 09 23 00-0608	EA	Low Voltage, Ceiling Mount, Combination On/Off And Dimming Control Photocell (Sensor Switch CM PC ADC)	310.51	26.12
		For Low Temp/High Humidity Option, Add	*14.67*	
		For Dual Zone Option, Add	*44.02*	
26 09 23 00-0609	EA	Low Voltage, Recessed Mount, Combination On/Off And Dimming Control Photocell (Sensor Switch RM PC ADC)	310.51	26.12
		For Low Temp/High Humidity Option, Add	*14.67*	
		For Dual Zone Option, Add	*44.02*	
26 09 23 00-0610	EA	Low Voltage, Fixture (Box) Mount, Combination On/Off And Dimming Control Photocell (Sensor Switch CMB PC ADC)	310.51	26.12
		For Low Temp/High Humidity Option, Add	*14.67*	
		For Dual Zone Option, Add	*44.02*	
26 09 23 00-0611	EA	Line Voltage, Ceiling Mount, Combination On/Off And Dimming Control Photocell (Sensor Switch CMR PC ADC)	310.51	26.12
		For Low Temp/High Humidity Option, Add	*14.67*	
		For Dual Zone Option, Add	*44.02*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.68*	
26 09 23 00-0612	EA	Line Voltage, Recessed Mount, Combination On/Off And Dimming Control Photocell (Sensor Switch RMR PC ADC)	310.51	26.12
		For Low Temp/High Humidity Option, Add	*14.67*	
		For Dual Zone Option, Add	*44.02*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.68*	
26 09 23 00-0613	EA	Line Voltage, Fixture (Box) Mount, Combination On/Off And Dimming Control Photocell (Sensor Switch CMRB PC ADC)	310.51	26.12
		For Low Temp/High Humidity Option, Add	*14.67*	
		For Dual Zone Option, Add	*44.02*	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.68*	

26 09 23 00-0614 Occupancy Sensors (Sensor Switch nLight®) *(26 09 23)*

Note: Includes testing of new devices and certification.

26 09 23 00-0615 Occupancy Sensors (Sensor Switch nLight®) *(26 09 23 00-0614)*

Note: Excludes boxes.

26 09 23 00-0616 Wall Switch Mount Occupancy Sensors (Sensor Switch nLight®) *(26 09 23 00-0615)*

26 09 23 00-0617 Dual Technology, Wall Switch Mount Occupancy Sensors (Sensor Switch nLight®) *(26 09 23 00-0616)*

Note: Includes passive infrared and microphonics detection

26 09 23 00-0618	EA	Low Voltage, Dual Technology, Wall Switch Mount Occupancy Sensor With Raise/Lower Dim Control (Sensor Switch nLight® nWSX PDT LV DX)	338.39	11.61

26 09 23 00-0619 360 Degree View Occupancy Sensors (Sensor Switch nLight®) *(26 09 23 00-0615)*

26 09 23 00-0620 Passive Infrared, 360 Degree View Occupancy Sensors (Sensor Switch nLight®) *(26 09 23 00-0619)*

Note: One photocell or dimming option per occupancy sensor

26 09 23 00-0621	EA	Low Voltage, Passive Infrared, Ceiling Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch nLight® nCM 9)	398.59	26.12
26 09 23 00-0622	EA	Low Voltage, Passive Infrared, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch nLight® nCM 10)	398.59	26.12
26 09 23 00-0623	EA	Low Voltage, Passive Infrared, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor With Auto Dimming Control Photocell (Sensor Switch nLight® nCM 10 ADC)	398.59	26.12

26 09 23 00-0624 Dual Technology, 360 Degree View Occupancy Sensors (Sensor Switch nLight®) *(26 09 23 00-0619)*

Note: One photocell or dimming option per occupancy sensor. Includes passive infrared and microphonics detection

26 09 23 00-0625	EA	Low Voltage, Dual Technology, Ceiling Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch nLight® nCM PDT 9)	467.85	26.12
26 09 23 00-0626	EA	Low Voltage, Dual Technology, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch nLight® nCM PDT 10)	467.85	26.12
26 09 23 00-0627	EA	2-Channel, Low Voltage, Dual Technology, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch nLight® nCM PDT 10 2P)	485.14	26.12

26 09 23 00-0628 Wide View And Hallway Occupancy Sensors (Sensor Switch nLight®) *(26 09 23 00-0615)*

26 09 23 00-0629 Dual Technology, Wide View And Hallway Occupancy Sensors (Sensor Switch nLight®) *(26 09 23 00-0628)*

Note: Includes passive infrared and microphonics detection

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0630	EA	Low Voltage, Dual Technology, Corner/Ceiling Mount, Wide View Occupancy Sensor (Sensor Switch nLight® nWV PDT 16)	467.85	26.12
26 09 23 00-0631		**High Bay Occupancy Sensors (Sensor Switch nLight®)** *(26 09 23 00-0615)*		
26 09 23 00-0632		**Passive Infrared, High Bay Occupancy Sensors (Sensor Switch nLight®)** *(26 09 23 00-0631)*		
26 09 23 00-0633	EA	Low Voltage, Passive Infrared, Fixture (Box) Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch nLight® nCMB 6)	398.59	26.12
26 09 23 00-0634		**Occupancy Sensor Power Packs (Sensor Switch nLight®)** *(26 09 23 00-0614)*		
26 09 23 00-0635	EA	150mA At 15 Volt DC Output, 120-277 Volt AC Input, Standard Power Supply (Sensor Switch nLight® PS-150)	133.02	23.22
26 09 23 00-0636	EA	250mA At 15 Volt DC Output, 120-277 Volt AC Input, Standard Power Supply (Sensor Switch nLight® PS-250)	167.69	23.22
26 09 23 00-0637	EA	30mA/Port At 15 Volt DC Output, 120-277 Volt AC Input, Dimming Power Pack (Sensor Switch nLight® nEPP5 D KO)	226.53	23.22
26 09 23 00-0638	EA	System Power Pack and Relay, Switching Module (Sensor Switch nLight® nPP 16)	226.53	23.22
26 09 23 00-0639		**Occupancy Sensor Accessories (Sensor Switch nLight®)** *(26 09 23 00-0614)*		
26 09 23 00-0640	EA	RS232 AV Integrator (Sensor Switch nLight® nIO X)	485.14	26.12
26 09 23 00-0641	EA	8 Port, Aggregation Bridge With Power Supply (Sensor Switch nLight® nBRG 8 KIT)	389.72	26.12
26 09 23 00-0642		**Daylighting Controls (Sensor Switch nLight®)** *(26 09 23 00-0614)*		
26 09 23 00-0643	EA	Low Voltage, Ceiling Mount, Automatic Dimming Control Photocell (Sensor Switch nLight® nCM ADC)	329.32	26.12
26 09 23 00-0644		**Controls (Sensor Switch nLight®)** *(26 09 23 00-0614)*		
26 09 23 00-0645	EA	On/Off And Raise/Lower Control, Push Button Digital Wall Switch, WallPod® Station (Sensor Switch nLight® nPODM DX)	215.03	26.12
26 09 23 00-0646	EA	1 Scene Controller (2 Buttons), Push Button Digital Wall Switch, WallPod® Station (Sensor Switch nLight® nPODM 1SB)	312.03	26.12
26 09 23 00-0647	EA	On/Off Push Button Digital Wall Switch, WallPod® Station (Sensor Switch nLight® nPODM)	727.61	26.12
26 09 23 00-0648	EA	3-1/2" Screen, High Resolution Touch Screen Controller, WallPod® Station (Sensor Switch nLight® nPOD GFX)	727.61	26.12
26 09 23 00-0649	EA	3-1/2" Screen, Touch Screen Clock And Network Interface Controller, Gateway (Sensor Switch nLight® nGWY2)	2,736.36	26.12
26 09 23 00-0650		**Occupancy Sensors (Lutron)** *(26 09 23)* Note: Includes testing of new devices and certification.		
26 09 23 00-0651		**Wireless Occupancy Sensors** *(26 09 23 00-0650)*		
26 09 23 00-0652	EA	Wireless, Passive Infrared, Ceiling Mount, 360 Degree View Occupancy/Vacancy Sensor (Lutron® LRF2-OCR2B-P-WH)	158.82	26.12
26 09 23 00-0653	EA	Wireless, Passive Infrared, Ceiling Mount, 360 Degree View Vacancy Sensor (Lutron® LRF2-VCR2B-P-WH)	165.98	26.12
26 09 23 00-0654	EA	Wireless, Passive Infrared, Hallway Wall Mount, Occupancy/Vacancy Sensor (Lutron® LRF2-OHLB-P-WH)	160.52	26.12
26 09 23 00-0655	EA	Wireless, Passive Infrared, Hallway Wall Mount, Vacancy Sensor (Lutron® LRF2-VHLB-P-WH)	169.99	26.12
26 09 23 00-0656	EA	Wireless, Passive Infrared, 90 Degree Corner Mount, Occupancy/Vacancy Sensor (Lutron® LRF2-OKLB-P-WH)	162.64	26.12
26 09 23 00-0657	EA	Wireless, Passive Infrared, 90 Degree Corner Mount, Vacancy Sensor (Lutron® LRF2-VKLB-P-WH)	169.99	26.12
26 09 23 00-0658	EA	Wireless, Passive Infrared, 180 Degree Wall Mount, Occupancy/Vacancy Sensor (Lutron® LRF2-OWLB-P-WH)	158.82	26.12
26 09 23 00-0659	EA	Wireless, Passive Infrared, 180 Degree Wall Mount, Vacancy Sensor (Lutron® LRF2-VWLB-P-WH)	162.64	26.12
26 09 23 00-0660	EA	Wireless, Passive Infrared, Ceiling Mount, 360 Degree View, High Bay Occupancy Sensor (Lutron® FHB140NP24V)	160.52	26.12
26 09 23 00-0661	EA	Wireless, Dual Technology, Ceiling Mount, 500 SF Coverage, 180 Degree View Occupancy Sensor (Lutron® LOS-CDT-500-WH)	249.70	26.12
26 09 23 00-0662	EA	Wireless, Dual Technology, Ceiling Mount, 500 SF Coverage, 180 Degree View Occupancy Sensor With Relay (Lutron® LOS-CDT-500R-WH)	266.68	26.12
26 09 23 00-0663	EA	Wireless, Dual Technology, Ceiling Mount, 1,000 SF Coverage, 180 Degree View Occupancy Sensor (Lutron® LOS-CDT-1000-WH)	304.90	26.12
26 09 23 00-0664	EA	Wireless, Dual Technology, Ceiling Mount, 1,000 SF Coverage, 180 Degree View Occupancy Sensor With Relay (Lutron® LOS-CDT-1000R-WH)	321.89	26.12
26 09 23 00-0665	EA	Wireless, Dual Technology, Ceiling Mount, 2,000 SF Coverage, 360 Degree View Occupancy Sensor (Lutron® LOS-CDT-2000-WH)	330.38	26.12
26 09 23 00-0666	EA	Wireless, Dual Technology, Ceiling Mount, 2,000 SF Coverage, 360 Degree View Occupancy Sensor With Relay (Lutron® LOS-CDT-2000R-WH)	347.37	26.12
26 09 23 00-0667	EA	Wireless, Passive Infrared, Ceiling Mount, 450 SF Coverage, 360 Degree View Occupancy Sensor (Lutron® LOS-CIR-450-WH)	196.19	26.12
26 09 23 00-0668	EA	Wireless, Passive Infrared, Ceiling Mount, 1,000 SF Coverage, 360 Degree View Occupancy Sensor (Lutron® LOS-CIR-1500-WH)	207.23	26.12
26 09 23 00-0669	EA	Wireless, Ultrasonic, Ceiling Mount, 500 SF Coverage, 180 Degree View Occupancy Sensor (Lutron® LOS-CUS-500-WH)	243.33	26.12
26 09 23 00-0670	EA	Wireless, Ultrasonic, Ceiling Mount, 1,000 SF Coverage, 180 Degree View Occupancy Sensor (Lutron® LOS-CUS-1000-WH)	270.93	26.12
26 09 23 00-0671	EA	Wireless, Ultrasonic, Ceiling Mount, 2,000 SF Coverage, 360 Degree View Occupancy Sensor (Lutron® LOS-CUS-2000-WH)	292.16	26.12
26 09 23 00-0672	EA	Wireless, Passive Infrared, 1,600 SF Coverage, 110 Degree Wall Mount, Occupancy Sensor (Lutron® LOS-WIR-WH)	251.82	26.12
26 09 23 00-0673	EA	Wireless, Passive Infrared, RF Daylight Sensor (Lutron® LRF2-DCRB-WH)	231.20	26.12
26 09 23 00-0674	EA	Wireless, Dual Technology, Wall Mount, 1,000 SF Coverage, 180 Degree View Occupancy Sensor (Lutron® LOS-SIR-HD-WH)	192.82	26.12
26 09 23 00-0675	EA	Wireless, Dual Technology, Wall Mount, 1,000 SF Coverage, 180 Degree View Occupancy Sensor, Dual Circuit (Lutron® LOS-S2IR-HD-WH)	238.07	26.12

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0676	EA	Wireless, Switch and Ceiling Retrofit Sensor (Lutron® MRF2-1S8A-10C)	289.75	26.12
26 09 23 00-0677	EA	Wireless, Switch and Hallway Retrofit Sensor (Lutron® MRF2-1S8A-10H)	307.73	26.12
26 09 23 00-0678	EA	Wireless, Switch and Corner Retrofit Sensor (Lutron® MRF2-1S8A-10K)	307.73	26.12
26 09 23 00-0679	EA	Wireless, Switch and Wall Retrofit Sensor (Lutron® MRF2-1S8A-10W)	307.73	26.12
26 09 23 00-0680	EA	Wireless, Switch and Vacancy Retrofit Sensor (Lutron® MRF2-1S8A-10V)	324.21	26.12
26 09 23 00-0681	EA	Wireless, Two Switchs and Wall Retrofit Sensor (Lutron® MRF2-2S8A-10W)	526.49	37.73
26 09 23 00-0682		**Nodes And Modules** *(26 09 23 00-0650)*		
26 09 23 00-0683	EA	0 Wired Inputs, Ceiling Mount, QS Sensor Module (Lutron® QSM2-XW-C)	260.31	26.12
26 09 23 00-0684	EA	0 Wired Inputs, Junction Box Ceiling Mount, QS Sensor Module (Lutron® QSM2-XW-J)	260.31	26.12
26 09 23 00-0685	EA	4 Wired Inputs, Ceiling Mount, QS Sensor Module (Lutron® QSM2-4W-C)	330.38	26.12
26 09 23 00-0686	EA	4 Wired Inputs, Junction Box Ceiling Mount, QS Sensor Module (Lutron® QSM2-4W-J)	330.38	26.12
26 09 23 00-0687	EA	120 Volt, Gang Box Mount, 3-Wire Fluorescent Power Module (Lutron® PHPM-3F-120-WH)	423.24	29.03
26 09 23 00-0688	EA	120 Volt, Gang Box Mount, Switching Power Module (Lutron® PHPM-SW-DV-WH)	423.24	29.03
26 09 23 00-0689	EA	120 Volt, Gang Box Mount, Phase Adaptive Power Module (Lutron® PHPM-PA-120-WH)	514.54	29.03
26 09 23 00-0690	EA	120 Volt, Gang Box Mount, Phase Adaptive Power Module With 3-Wire Fluorescent Input (Lutron® PHPM-WBX-120-WH)	527.28	29.03
26 09 23 00-0691	EA	120/277 Volt, Gang Box Mount, 3-Wire Fluorescent Power Module (Lutron® PHPM-3F-DV-WH)	652.56	29.03
26 09 23 00-0692	EA	120/277 Volt, Gang Box Mount, Phase Adaptive Power Module (Lutron® PHPM-PA-DV-WH)	692.90	29.03
26 09 23 00-0693	EA	120/277 Volt, Gang Box Mount, Phase Adaptive Power Module With 3-Wire Fluorescent Input (Lutron® PHPM-WBX-DV-WH)	733.24	29.03
26 09 23 00-0694	EA	1 Circuit, Surface Mount, HP Hi-Power Dimming Module System (Lutron® HP-2)	1,987.93	46.44
26 09 23 00-0695	EA	2 Circuits, Surface Mount, HP Hi-Power Dimming Module System (Lutron® HP-4)	1,951.77	52.25
26 09 23 00-0696	EA	3 Circuits, Surface Mount, HP Hi-Power Dimming Module System (Lutron® HP-6)	2,865.80	58.05
26 09 23 00-0697		**Other Accessories** *(26 09 23 00-0650)*		
26 09 23 00-0698	EA	Pico® Wireless Control Wallplate Adapter (Lutron® PJ)	39.82	
26 09 23 00-0699	EA	Pico® Wireless Control (Lutron® PJ)	53.97	
26 09 23 00-0700	EA	4-Scene Wireless Remote Control (Lutron® GRX-IT-WH)	160.22	
26 09 23 00-0701	EA	8-Scene Wireless Remote Control (Lutron® GRX-8IT-WH)	306.73	
26 09 23 00-0702	EA	4 Button, EcoSystem® Wall Control With Raise/Lower (Lutron® CC-4BRL)	318.13	26.12
26 09 23 00-0703	EA	seeTouch® QS Wallstation (Lutron® QSWS2)	404.19	26.12
26 09 23 00-0704	EA	seeTouch® QS Wallstation With Infrared Receiver (Lutron® QSWS2)	404.19	26.12
26 09 23 00-0705	EA	120/277 Volt, Energi Savr Node™ With Softswitch®, Fixture Controller (Lutron® QSN-4S16-S)	665.30	29.03
26 09 23 00-0706	EA	120/277 Volt, Energi Savr Node™ For 0-10 V Models, Fixture Controller (Lutron® QSN-4T16-S)	913.72	29.03
26 09 23 00-0707	EA	Control Interface (Lutron® QSE-CI-NWK-E)	1,101.14	26.12
26 09 23 00-0708	EA	1 EcoSystem® Digital Link, Energi Savr Node™, Digital Fixture Controller (Lutron® QSN-1ECO-S)	1,092.67	26.12
26 09 23 00-0709	EA	2 EcoSystem® Digital Links, Energi Savr Node™, Digital Fixture Controller (Lutron® QSN-2ECO-S)	1,464.25	26.12
26 09 23 00-0710	MLF	5 Conductor, Non-Plenum, Low Voltage Grafik Eye Cable (Lutron® GRX-CBL-346S)	2,259.62	811.33
26 09 23 00-0711	MLF	5 Conductor, Plenum Rated, Low Voltage Grafik Eye Cable (Lutron® GRX-PCBL-346S)	3,108.95	811.33
26 09 23 00-0712		**Fixture Mounted Occupancy Sensors (Leviton)** *(26 09 23)*		
		Note: Includes testing of new devices and certification.		
26 09 23 00-0713	EA	120-347 Volt, Passive Infrared, Fixture Mount, 360 Degree View, High Bay Occupancy Sensor (Leviton® OSFHU-ITW)	152.02	26.12
26 09 23 00-0714	EA	480 Volt, Passive Infrared, Fixture Mount, 360 Degree View, High Bay Occupancy Sensor (Leviton® OSFHU-I4W)	132.49	26.12
26 09 23 00-0715	EA	120-347 Volt, Passive Infrared, Fixture Mount, 360 Degree View, Cold Storage Occupancy Sensor (Leviton® OSFHU-CTW)	168.16	26.12
26 09 23 00-0716	EA	480 Volt, Passive Infrared, Fixture Mount, 360 Degree View, Cold Storage Occupancy Sensor (Leviton® OSFHU-C4W)	132.49	26.12
26 09 23 00-0717	EA	120-347 Volt, Dual Detection Occupancy Wall Sensor Switch (Lithonia WSX-PDT)	225.61	11.59
26 09 23 00-0718		**Wireless Enabled Communication Devices For Streetlights** *(26 09 23)*		
		Note: Includes testing of new devices and certification.		
26 09 23 00-0719		**Wireless Enabled Communication Nodes For Streetlights (Roam®)** *(26 09 23 00-0718)*		
26 09 23 00-0720	EA	120/244/277 Voltage, Wireless Enabled Communication Node For Streetlights (Roam® REN127 NM1)	344.14	
26 09 23 00-0721	EA	480 Voltage, Wireless Enabled Communication Node For Streetlights (Roam® REN480 NM1)	482.68	
26 09 23 00-0722		**Wireless Enabled Communication Devices For Streetlights (Roam®)** *(26 09 23 00-0718)*		
26 09 23 00-0723	EA	Retrofit Receptacle Kit (Roam® DUR103)	56.70	
		Note: For adapting light fixtures for use with a NEMA locking type photocontrol.		
26 09 23 00-0724	EA	Wireless Enabled Backbone And Data Backhaul Device, Gateway (Roam® REG127)	13,983.18	64.87
26 09 23 00-0725		**Counter Mounted Consolets** *(26 09 23)*		
26 09 23 00-0726	EA	20" x 24" Type 12, Oil Tight Consolets, Counter Mounted (Schaefer's SPCL-20C24)	659.89	144.87
26 09 23 00-0727		**Lighting Console And Stations** *(26 09 23)*		
26 09 23 00-0728	EA	80 Channel, 40 Faders, Lighting Console (ETC ColorSource CS 40)	4,916.14	144.87
		For Lighting Console Dust Cover (ETC ColorSource CS40DC), Add	*106.98*	
		For Lighting Console Case (ETC ColorSourcePart 11866), Add	*1,140.68*	
26 09 23 00-0729	EA	10 Preset, Lighting Control Station (Doug Fleenor PRE10-A2)	3,397.72	86.93

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0730		**Theatre Lighting Console** *(26 09 23)*		
26 09 23 00-0731	EA	Theatre Lighting Console (ETC Colorsource 20)	3,519.00	173.85
26 09 23 00-0732		**Emergency Lighting Controls** *(26 09 23)*		
26 09 23 00-0733		**Emergency Lighting Control Units (Watt Stopper ELCU)** *(26 09 23 00-0732)*		
		Note: The ELCU monitors a single circuit and can be wired either as a control device, so that emergency lighting follows the control of normal lighting, or as a bypass device to shunt emergency power around a control device when normal power fails. Includes integral push-to-test button and LED indicator for emergency and normal power.		
26 09 23 00-0734	EA	DIN Rail Mount, Emergency Lighting Control/Bypass Shunt Unit (Watt Stopper ELCU-100)	232.31	29.03
26 09 23 00-0735	EA	1/2" Knockout Mount, Emergency Lighting Control/Bypass Shunt Unit (Watt Stopper ELCU-200)	232.31	29.03
26 09 23 00-0736		**Emergency Shunt Relays (Lighting Control & Design GR 2001™)** *(26 09 23 00-0732)*		
		Note: Normally-closed, electrically-held relay to be wired in parallel with a wall switch. Manually controlled emergency lighting will be automatically shunted on during a power outage. Includes two-gang NEMA 1 junction box, voltage-separating barrier and plaster ring separating normal and emergency power. Excludes wall plate and switch.		
26 09 23 00-0737	EA	1 Emergency Shunt Relay And NEMA 1 Enclosure (Lighting Control & Design GR 2001™)	394.14	40.63
26 09 23 00-0738	EA	2 Emergency Shunt Relays And NEMA 1 Enclosure (Lighting Control & Design GR 2001™)	539.68	46.44
26 09 23 00-0739	EA	2 Emergency Shunt Relays And NEMA 1 Enclosure (Lighting Control & Design GR 2001™ Dual)	730.20	52.25
		Note: Controls normal and emergency lighting from single-pole wall switch.		
26 09 23 00-0740		**Photocells** *(26 09 23)*		
26 09 23 00-0741	EA	Plug-In Photocell For Lighting Fixtures (Intermac® LC2000)	93.06	
26 09 23 00-0742	EA	Wired Photocell For Lighting Fixtures (Intermac® K4021C)	207.66	
26 09 23 00-0743		**Outdoor Lighting Motion Sensors** *(26 09 23)*		
26 09 23 00-0744	EA	70' Range, 180 Degree Detection Zone, 8 Amperes, Switching Capacity, Polycarbonate Housing, Outdoor Motion Sensor (Lithonia OMS 1000)	125.27	29.03
26 09 23 00-0745	EA	70' Range, 200 Degree Detection Zone, 10 Amperes, Switching Capacity, Cast Aluminum Housing, Outdoor Motion Sensor (Lithonia OMS 2000)	137.45	29.03
26 09 23 00-0746	EA	30' Range, 360 Degree Detection Zone, Line Voltage, Plastic Housing, IP66 Rated, Outdoor Motion Sensor With Photocell (SensorSwitch SBOR)	589.93	29.03
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.42*	
26 09 23 00-0747		**Street Light Controls** *(26 09 23)*		
26 09 23 00-0748		**Photo Controls** *(26 09 23 00-0747)*		
26 09 23 00-0749	EA	Photo Control, 120 Volt As Manufactured By Cooper Lighting #RA1014	87.12	
26 09 23 00-0750	EA	Photo Control, Multi-Tap As Manufactured By Cooper Lighting #RA1016	97.86	
26 09 23 00-0751		**Connector Node** *(26 09 23 00-0747)*		
26 09 23 00-0752	EA	Outdoor Lighting Connector Node (Philips City Touch LLC7260)	534.65	3.66

26 10 Medium-Voltage Electrical Distribution *(26)*

26 11 Substations *(26 10)*

26 11 13 Primary Unit Substations *(26 11)*

26 11 13 00-0001		**"Switchyard" Substation Primary Incoming Section** *(26 11 13)*		
26 11 13 00-0002		**Outdoor Oil Circuit Breakers "Switchyard"** *(26 11 13 00-0001)*		
		Note: Type SP 14.4 thru 69 KV 1200 amp. Frame mounted. Standard equipment		
26 11 13 00-0003	EA	14.4 KV, 500 MVA, Outdoor Oil Circuit Breaker Type SP, 1,200 Amperes, "Switchyard" Substation	70,658.52	2,020.98
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1,233.39*	
26 11 13 00-0004	EA	23.0 KV, 750 MVA, Outdoor Oil Circuit Breaker Type SP, 1,200 Amperes, "Switchyard" Substation	86,659.47	2,555.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1,541.73*	
26 11 13 00-0005	EA	34.5 KV, 1,500 MVA, Outdoor Oil Circuit Breaker Type SP, 1,200 Amperes, "Switchyard" Substation	98,305.23	2,555.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1,541.73*	
26 11 13 00-0006	EA	46 KV, 2,500 MVA, Outdoor Oil Circuit Breaker Type SP, 1,200 Amperes, "Switchyard" Substation	113,122.63	2,555.93
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1,644.52*	
26 11 13 00-0007	EA	69 KV, 3,500 MVA, Outdoor Oil Circuit Breaker Type SP, 1,200 Amperes, "Switchyard" Substation	128,318.10	3,150.34
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1,897.52*	
26 11 13 00-0008		**Accessories For Outdoor Oil Circuit Breakers** *(26 11 13 00-0001)*		
26 11 13 00-0009	EA	Reclosure Relay, Adjustable, 3 Shot, #179	1,875.00	211.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*125.40*	
26 11 13 00-0010	EA	Overcurrent Relay, 1 Phase, #51/51N	564.58	153.54
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*83.63*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 11 13 00-0011	EA	Directional Overcurrent Relay, Three-Phase, Device No. 67	860.13	153.54
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*104.21*	
26 11 13 00-0012	EA	Voltage Relay, Under Or Over- Voltage, Device No. 27 Or 59, Three-Phase	679.46	153.54
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*83.63*	
26 11 13 00-0013	EA	Differential Relay Package, Complete, Device No. 87	2,541.48	518.85
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*313.29*	

26 11 13 00-0014 "Switchyard", Substation Transformer Section *(26 11 13)*

Note: Standard NEMA design two winding three phase, 60 Hz. oil filled load tap changer 10% Range

26 11 13 00-0015 14.4 KV Nominal Primary *(26 11 13 00-0014)*

26 11 13 00-0016	EA	1,000 KVA, 14.4 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	40,360.19	2,020.98
		For 50 Hz Operation, Add	*4,349.87*	
		For Forced Air Cooling, Add	*4,349.87*	
		For External Control Panel, Add	*1,087.47*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*362.49*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*1,812.45*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*4,531.11*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*5,437.34*	
26 11 13 00-0017	EA	2,000 KVA, 14.4 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	46,062.60	2,532.16
		For 50 Hz Operation, Add	*4,910.82*	
		For Forced Air Cooling, Add	*4,910.82*	
		For External Control Panel, Add	*1,227.70*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*409.23*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*2,046.17*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*5,115.44*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*6,138.52*	
26 11 13 00-0018	EA	5,000 KVA, 14.4 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	70,987.90	3,566.42
		For 50 Hz Operation, Add	*7,641.47*	
		For Forced Air Cooling, Add	*7,641.47*	
		For External Control Panel, Add	*1,910.37*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*636.79*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*3,183.95*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*7,959.87*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*9,551.84*	
26 11 13 00-0019	EA	7,500 KVA, 14.4 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	103,210.38	4,316.74
		For 50 Hz Operation, Add	*11,267.97*	
		For Forced Air Cooling, Add	*11,267.97*	
		For External Control Panel, Add	*2,816.99*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*939.00*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*4,694.99*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*11,737.47*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*14,084.96*	
26 11 13 00-0020	EA	10,000 KVA, 14.4 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	127,124.27	5,586.38
		For 50 Hz Operation, Add	*13,858.32*	
		For Forced Air Cooling, Add	*13,858.32*	
		For External Control Panel, Add	*3,464.58*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*1,154.86*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*5,774.30*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*14,435.75*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*17,322.90*	

26 11 13 00-0021 23 KV Nominal Primary *(26 11 13 00-0014)*

26 11 13 00-0022	EA	1,000 KVA, 23 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	45,013.81	2,734.26
		For 50 Hz Operation, Add	*4,784.96*	
		For External Control Panel, Add	*1,196.24*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*398.75*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*1,993.74*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*4,984.34*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*5,981.21*	
		For Forced Air Cooling, Add	*3,189.98*	
26 11 13 00-0023	EA	2,000 KVA, 23 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	51,327.08	2,734.26
		For 50 Hz Operation, Add	*5,414.56*	
		For External Control Panel, Add	*1,353.64*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*451.21*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*2,256.07*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*5,640.17*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*6,768.20*	
		For Forced Air Cooling, Add	*3,609.71*	
26 11 13 00-0024	EA	5,000 KVA, 23 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	82,694.63	4,041.94
		For 50 Hz Operation, Add	*8,936.64*	
		For External Control Panel, Add	*2,234.16*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*744.72*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*3,723.60*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*9,309.01*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*11,170.81*	
		For Forced Air Cooling, Add	*5,957.76*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 11 13 00-0025	EA	7,500 KVA, 23 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	110,934.64	5,586.38
		For 50 Hz Operation, Add	*11,915.56*	
		For External Control Panel, Add	*2,978.89*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*992.96*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*4,964.82*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*12,412.05*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*14,894.46*	
		For Forced Air Cooling, Add	*7,943.71*	
26 11 13 00-0026	EA	10,000 KVA, 23 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	137,917.39	5,586.38
		For 50 Hz Operation, Add	*15,153.49*	
		For External Control Panel, Add	*3,788.37*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*1,262.79*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*6,313.96*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*15,784.89*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*18,941.87*	
		For Forced Air Cooling, Add	*10,102.33*	
26 11 13 00-0027		**34.5 KV Nominal Primary** *(26 11 13 00-0014)*		
26 11 13 00-0028	EA	1,000 KVA, 34.5 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	56,573.73	3,269.22
		For 50 Hz Operation, Add	*6,044.16*	
		For External Control Panel, Add	*1,511.04*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*503.68*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*2,518.40*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*6,296.00*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*7,555.20*	
		For Forced Air Cooling, Add	*4,029.44*	
26 11 13 00-0029	EA	2,000 KVA, 34.5 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	68,336.37	5,111.87
		For 50 Hz Operation, Add	*7,303.35*	
		For External Control Panel, Add	*1,825.84*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*608.61*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*3,043.06*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*7,607.66*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*9,129.19*	
		For Forced Air Cooling, Add	*4,868.90*	
26 11 13 00-0030	EA	5,000 KVA, 34.5 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	94,464.63	5,111.87
		For 50 Hz Operation, Add	*10,102.37*	
		For External Control Panel, Add	*2,525.59*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*841.86*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*4,209.32*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*10,523.30*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*12,627.96*	
		For Forced Air Cooling, Add	*6,734.91*	
26 11 13 00-0031	EA	7,500 KVA, 34.5 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	121,727.67	5,459.41
		For 50 Hz Operation, Add	*13,210.73*	
		For External Control Panel, Add	*3,302.68*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*1,100.89*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*5,504.47*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*13,761.18*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*16,513.41*	
		For Forced Air Cooling, Add	*8,807.15*	
26 11 13 00-0032	EA	10,000 KVA, 34.5 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	211,331.28	6,982.96
		For 50 Hz Operation, Add	*23,572.11*	
		For External Control Panel, Add	*5,893.03*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*1,964.34*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*9,821.71*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*24,554.29*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*29,465.14*	
		For Forced Air Cooling, Add	*15,714.74*	
26 11 13 00-0033		**46 KV Nominal Primary** *(26 11 13 00-0014)*		
26 11 13 00-0034	EA	1,000 KVA, 46 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	87,154.18	3,804.18
		For 50 Hz Operation, Add	*9,561.49*	
		For External Control Panel, Add	*2,390.37*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*796.79*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*3,983.96*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*9,959.89*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*11,951.87*	
		For Forced Air Cooling, Add	*6,374.33*	
26 11 13 00-0035	EA	2,000 KVA, 46 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	98,556.01	3,804.18
		For 50 Hz Operation, Add	*10,840.01*	
		For External Control Panel, Add	*2,710.00*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*903.33*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*4,516.67*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*11,291.68*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*13,550.01*	
		For Forced Air Cooling, Add	*7,226.67*	
26 11 13 00-0036	EA	5,000 KVA, 46 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	136,741.22	5,111.87
		For 50 Hz Operation, Add	*15,175.56*	
		For External Control Panel, Add	*3,793.89*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*1,264.63*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*6,323.15*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*15,807.87*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*18,969.45*	
		For Forced Air Cooling, Add	*10,117.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 11 13 00-0037	EA	7,500 KVA, 46 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	166,857.10	6,982.96
		For 50 Hz Operation, Add	*18,235.21*	
		For External Control Panel, Add	*4,558.80*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*1,519.60*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*7,598.01*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*18,995.01*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*22,794.02*	
		For Forced Air Cooling, Add	*12,156.81*	
26 11 13 00-0038	EA	10,000 KVA, 46 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	238,380.89	6,982.96
		For 50 Hz Operation, Add	*26,818.07*	
		For External Control Panel, Add	*6,704.52*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*2,234.84*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*11,174.19*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*27,935.49*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*33,522.58*	
		For Forced Air Cooling, Add	*17,878.71*	
26 11 13 00-0039		**69 KV Nominal Primary** *(26 11 13 00-0014)*		
26 11 13 00-0040	EA	1,000 KVA, 69 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	125,952.83	4,041.94
		For 50 Hz Operation, Add	*14,127.63*	
		For External Control Panel, Add	*3,531.91*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*1,177.30*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*5,886.51*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*14,716.28*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*17,659.54*	
		For Forced Air Cooling, Add	*9,418.42*	
26 11 13 00-0041	EA	2,000 KVA, 69 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	144,498.46	5,111.87
		For 50 Hz Operation, Add	*16,106.43*	
		For External Control Panel, Add	*4,026.61*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*1,342.20*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*6,711.01*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*16,777.53*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*20,133.03*	
		For Forced Air Cooling, Add	*10,737.62*	
26 11 13 00-0042	EA	5,000 KVA, 69 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	199,334.32	5,111.87
		For 50 Hz Operation, Add	*22,686.73*	
		For External Control Panel, Add	*5,671.68*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*1,890.56*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*9,452.80*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*23,632.01*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*28,358.41*	
		For Forced Air Cooling, Add	*15,124.49*	
26 11 13 00-0043	EA	7,500 KVA, 69 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	210,546.47	6,982.96
		For 50 Hz Operation, Add	*23,477.94*	
		For External Control Panel, Add	*5,869.48*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*1,956.49*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*9,782.47*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*24,456.18*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*29,347.42*	
		For Forced Air Cooling, Add	*15,651.96*	
26 11 13 00-0044	EA	10,000 KVA, 69 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	276,593.75	6,982.96
		For 50 Hz Operation, Add	*31,403.61*	
		For External Control Panel, Add	*7,850.90*	
		For Internally Mounted Current Transformers And Linear Couplers, Add	*2,616.97*	
		For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	*13,084.84*	
		For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	*32,712.09*	
		For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	*39,254.51*	
		For Forced Air Cooling, Add	*20,935.74*	
26 11 13 00-0045		**Circuit Breakers Fluarc SF6 13.8 KV** *(26 11 13)*		
26 11 13 00-0046	EA	1,200 Amperes, 500 MVA, Fluarc Breaker, 13.8 KV Substation, Secondary Distribution Section	76,015.37	988.43
26 11 13 00-0047	EA	1,200 Amperes, 750 MVA, Fluarc Breaker, 13.8 KV Substation, Secondary Distribution Section	83,504.06	988.43
26 11 13 00-0048	EA	1,200 Amperes, 1,000 MVA, Fluarc Breaker, 13.8 KV Substation, Secondary Distribution Section	95,025.55	1,227.79
26 11 13 00-0049	EA	2,000 Amperes, 500 MVA, Fluarc Breaker, 13.8 KV Substation, Secondary Distribution Section	88,710.21	1,476.36
26 11 13 00-0050	EA	2,000 Amperes, 750 MVA, Fluarc Breaker, 13.8 KV Substation, Secondary Distribution Section	100,023.46	1,476.36
26 11 13 00-0051	EA	2,000 Amperes, 1,000 MVA, Fluarc Breaker, 13.8 KV Substation, Secondary Distribution Section	114,097.98	1,715.20
26 11 13 00-0052	EA	3,000 Amperes, 500 MVA, Fluarc Breaker, 13.8 KV Substation, Secondary Distribution Section	117,537.09	1,959.62
26 11 13 00-0053	EA	3,000 Amperes, 750 MVA, Fluarc Breaker, 13.8 KV Substation, Secondary Distribution Section	131,622.74	1,959.62
26 11 13 00-0054	EA	3,000 Amperes, 1,000 MVA, Fluarc Breaker, 13.8 KV Substation, Secondary Distribution Section	137,892.66	2,200.67

26 11 16 Secondary Unit Substations *(26 11)*

26 11 16 11 Secondary Unit Substations with Switchgear Secondary *(26 11 16)*

26 11 16 11-0001 Substation Primary Incoming Section *(26 11 16 11)*

26 11 16 11-0002 Manual Transferring Fused Load Break Switches *(26 11 16 11-0001)*

Note: 15 KV 600 Amp 3 pole 2 position floor mounted. Type, metal compartment includes weatherproofing, fuses, transformer throat, pothead terminations thru 500 MCM, with surge protection. Manual transferring of one line to an alternate incoming line.

26 11 16 11-0003	EA	112.5 Thru 1,500 KVA Transformers Load Switch, 600 Amperes, 3 Pole, 2 Position	38,794.81	1,451.48
26 11 16 11-0004	EA	2,000 And 2,500 KVA Transformers Load Switch, 600 Amperes, 3 Pole, 2 Position	44,797.32	1,451.48

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 11 16 11-0005		**Automatic Transferring Fused Load Break Switches** *(26 11 16 11-0001)* Note: Items are equipped with 3 pole - 2 position selector switch for automatic transferring one line to an alternate incoming line.		
26 11 16 11-0006	EA	112.5 Thru 1,500 KVA Transformers Load Switch, 600 Amperes, 3 Pole, 2 Position Selector Switch	54,904.50	1,451.48
26 11 16 11-0007	EA	2,000 And 2,500 KVA Transformers Load Switch, 600 Amperes, 3 Pole, 2 Position Selector Switch	58,810.98	1,451.48
26 11 16 11-0008		**Accessories For Substation Fused Load Break Switches** *(26 11 16 11-0001)*		
26 11 16 11-0009	EA	Primary Lightning Arrestors Accessories, Secondary Distribution Section	24,282.11	
26 11 16 11-0010	EA	Key Interlock Accessories, Secondary Distribution Section	2,363.55	
26 11 16 11-0011		**Oil Filled Substation Transformers** *(26 11 16 11)* Note: 112-1/2 KVA thru 2500 KVA standard NEMA design 3 phase cover mounted manual tap changer, liquid level gauge with alarm contacts, thermometer with alarm contacts, pressure vacuum gauge, automatic control for auxiliary cooling equipment. Weatherproof.		
26 11 16 11-0012		**Substation, Primary 13.8 KV Secondary 480Y/277 Or 480 Volt, 60 HZ** *(26 11 16 11-0011)*		
26 11 16 11-0013	EA	75 KVA, Substation, Secondary 480 Y / 277 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof	41,929.47	891.61
		For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	*2,810.24*	
		For Control Power Transformer On Fans And Auxiliary, Add	*1,204.39*	
		For Internal Mounted Current Transformer And Linear Coupler, Add	*401.46*	
26 11 16 11-0014	EA	112.5 KVA, Substation, Secondary 480 Y / 277 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof	62,103.64	1,069.92
		For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	*4,197.46*	
		For Control Power Transformer On Fans And Auxiliary, Add	*1,798.91*	
		For Internal Mounted Current Transformer And Linear Coupler, Add	*599.64*	
26 11 16 11-0015	EA	150 KVA, Substation, Secondary 480 Y / 277 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof	70,339.54	1,188.80
		For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	*4,757.33*	
		For Control Power Transformer On Fans And Auxiliary, Add	*2,038.86*	
		For Internal Mounted Current Transformer And Linear Coupler, Add	*679.62*	
26 11 16 11-0016	EA	225 KVA, Substation, Secondary 480 Y / 277 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof	83,057.52	1,486.01
		For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	*5,605.99*	
		For Control Power Transformer On Fans And Auxiliary, Add	*2,402.57*	
		For Internal Mounted Current Transformer And Linear Coupler, Add	*800.86*	
26 11 16 11-0017	EA	300 KVA, Substation, Secondary 480 Y / 277 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof	92,192.63	1,842.65
		For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	*6,195.51*	
		For Control Power Transformer On Fans And Auxiliary, Add	*2,655.22*	
		For Internal Mounted Current Transformer And Linear Coupler, Add	*885.07*	
26 11 16 11-0018	EA	500 KVA, Substation, Secondary 480 Y / 277 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof	97,947.80	2,258.74
		For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	*6,540.12*	
		For Control Power Transformer On Fans And Auxiliary, Add	*2,802.91*	
		For Internal Mounted Current Transformer And Linear Coupler, Add	*934.30*	
26 11 16 11-0019	EA	750 KVA, Substation, Secondary 480 Y / 277 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof	114,439.49	2,734.26
		For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	*7,627.97*	
		For Control Power Transformer On Fans And Auxiliary, Add	*3,269.13*	
		For Internal Mounted Current Transformer And Linear Coupler, Add	*1,089.71*	
26 11 16 11-0020	EA	1,000 KVA, Substation, Secondary 480 Y / 277 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof	121,805.61	2,972.02
		For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	*8,110.31*	
		For Control Power Transformer On Fans And Auxiliary, Add	*3,475.85*	
		For Internal Mounted Current Transformer And Linear Coupler, Add	*1,158.62*	
26 11 16 11-0021	EA	1,500 KVA, Substation, Secondary 480 Y / 277 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof	136,225.80	3,269.22
		For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	*9,078.12*	
		For Control Power Transformer On Fans And Auxiliary, Add	*3,890.62*	
		For Internal Mounted Current Transformer And Linear Coupler, Add	*1,296.87*	
26 11 16 11-0022	EA	2,000 KVA, Substation, Secondary 480 Y / 277 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof	157,893.33	3,625.86
		For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	*10,544.91*	
		For Control Power Transformer On Fans And Auxiliary, Add	*4,519.25*	
		For Internal Mounted Current Transformer And Linear Coupler, Add	*1,506.42*	
26 11 16 11-0023	EA	2,500 KVA, Substation, Secondary 480 Y / 277 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof	173,443.34	3,952.79
		For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	*11,587.64*	
		For Control Power Transformer On Fans And Auxiliary, Add	*4,966.13*	
		For Internal Mounted Current Transformer And Linear Coupler, Add	*1,655.38*	
26 11 16 11-0024		**Substation, Primary 13.8 KV Secondary 208Y/120 Volt, 60 HZ** *(26 11 16 11-0011)*		
26 11 16 11-0025	EA	75 KVA, Substation, Secondary 208 Y / 120 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof	39,926.64	891.61
		For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	*2,670.04*	
		For Control Power Transformer On Fans And Auxiliary, Add	*1,144.30*	
		For Internal Mounted Current Transformer And Linear Coupler, Add	*381.43*	
26 11 16 11-0026	EA	112.5 KVA, Substation, Secondary 208 Y / 120 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof	61,097.54	891.61
		For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	*4,152.00*	
		For Control Power Transformer On Fans And Auxiliary, Add	*1,779.43*	
		For Internal Mounted Current Transformer And Linear Coupler, Add	*593.14*	
26 11 16 11-0027	EA	150 KVA, Substation, Secondary 208 Y / 120 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof	70,295.21	1,188.80
		For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	*4,754.23*	
		For Control Power Transformer On Fans And Auxiliary, Add	*2,037.53*	
		For Internal Mounted Current Transformer And Linear Coupler, Add	*679.18*	
26 11 16 11-0028	EA	225 KVA, Substation, Secondary 208 Y / 120 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof	83,133.77	1,486.01
		For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	*5,611.32*	
		For Control Power Transformer On Fans And Auxiliary, Add	*2,404.85*	
		For Internal Mounted Current Transformer And Linear Coupler, Add	*801.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 11 16 11-0029	EA	300 KVA, Substation, Secondary 208 Y / 120 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof	99,975.21	1,842.65
		For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	*6,740.29*	
		For Control Power Transformer On Fans And Auxiliary, Add	*2,888.70*	
		For Internal Mounted Current Transformer And Linear Coupler, Add	*962.90*	
26 11 16 11-0030	EA	500 KVA, Substation, Secondary 208 Y / 120 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof	107,638.51	2,258.74
		For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	*7,218.47*	
		For Control Power Transformer On Fans And Auxiliary, Add	*3,093.63*	
		For Internal Mounted Current Transformer And Linear Coupler, Add	*1,031.21*	
26 11 16 11-0031	EA	750 KVA, Substation, Secondary 208 Y / 120 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof	118,914.29	2,734.26
		For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	*7,941.20*	
		For Control Power Transformer On Fans And Auxiliary, Add	*3,403.37*	
		For Internal Mounted Current Transformer And Linear Coupler, Add	*1,134.46*	
26 11 16 11-0032	EA	1,000 KVA, Substation, Secondary 208 Y / 120 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof	129,513.87	2,972.02
		For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	*8,649.89*	
		For Control Power Transformer On Fans And Auxiliary, Add	*3,707.09*	
		For Internal Mounted Current Transformer And Linear Coupler, Add	*1,235.70*	
26 11 16 11-0033	EA	1,500 KVA, Substation, Secondary 208 Y / 120 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof	146,193.75	3,269.22
		For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	*9,775.87*	
		For Control Power Transformer On Fans And Auxiliary, Add	*4,189.66*	
		For Internal Mounted Current Transformer And Linear Coupler, Add	*1,396.55*	

26 11 16 11-0034 Accessories For Oil Filled Substation Transformers *(26 11 16 11-0011)*

26 11 16 11-0035	EA	Sudden Pressure Relay	12,168.18	
26 11 16 11-0036	EA	Throats Or Flanges (HV Or LV)	24,157.96	
26 11 16 11-0037	EA	Lightning Arrestors (3 - 1 Pole)	15,907.09	
26 11 16 11-0038	EA	Single Feeder Switch With Fuses 3 Pole, 2 Position, Open-Close Close) Fuse Type - CLE (80E To 125 X)	88,276.35	
26 11 16 11-0039	EA	Oil Fuse Cutout, 15 KV, 200 Amperes, Free Standing Air Filled Terminal Compartment, 15 KV - 200 Amp Cutout	82,591.32	

26 11 16 11-0040 Reinforced Concrete Curb With 6" Slab *(26 11 16 11-0011)*

Note: For transformer liquid containment area.

26 11 16 11-0041	EA	112.5 KVA, Reinforced Curb With 6" Slab, Transformer Liquid Containment Area	9,172.73	1,482.37
26 11 16 11-0042	EA	150 KVA, Reinforced Curb With 6" Slab, Transformer Liquid Containment Area	9,172.73	1,482.37
26 11 16 11-0043	EA	225 KVA, Reinforced Curb With 6" Slab, Transformer Liquid Containment Area	9,172.73	1,482.37
26 11 16 11-0044	EA	300 KVA, Reinforced Curb With 6" Slab, Transformer Liquid Containment Area	9,172.73	1,482.37
26 11 16 11-0045	EA	500 KVA, Reinforced Curb With 6" Slab, Transformer Liquid Containment Area	9,172.73	1,482.37
26 11 16 11-0046	EA	750 KVA, Reinforced Curb With 6" Slab, Transformer Liquid Containment Area	9,172.73	1,482.37
26 11 16 11-0047	EA	1,000 KVA, Reinforced Curb With 6" Slab, Transformer Liquid Containment Area	9,172.73	1,482.37
26 11 16 11-0048	EA	1,500 KVA, Reinforced Curb With 6" Slab, Transformer Liquid Containment Area	11,262.00	1,709.21

26 11 16 11-0049 Dry Type Substation Transformer *(26 11 16 11)*

Note: Standard NEMA design 3 phase - 150 C rise - 60 Hz self-cooled, ventilated.

26 11 16 11-0050 Primary 4.16 Or 4.8 KV Secondary 208 Y/120 Or 240 Volt *(26 11 16 11-0049)*

Note: Primary 4.160 or 4.8 KV (delta or wye).

26 11 16 11-0051	EA	112.5 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	74,369.36	951.04
		For Gas Filled Transformers, Add	*43,480.36*	
		For Single Phase Transformers, Deduct	*-1,811.68*	
		For Dry Type Unit, Add	*16,133.01*	
26 11 16 11-0052	EA	150 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	74,488.25	1,010.49
		For Gas Filled Transformers, Add	*43,480.36*	
		For Single Phase Transformers, Deduct	*-1,811.68*	
		For Dry Type Unit, Add	*16,144.90*	
26 11 16 11-0053	EA	225 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	75,788.82	1,188.80
		For Gas Filled Transformers, Add	*44,046.72*	
		For Single Phase Transformers, Deduct	*-1,835.28*	
		For Dry Type Unit, Add	*16,388.23*	
26 11 16 11-0054	EA	300 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	83,659.80	1,307.68
		For Gas Filled Transformers, Add	*48,626.65*	
		For Single Phase Transformers, Deduct	*-2,026.11*	
		For Dry Type Unit, Add	*18,091.31*	
26 11 16 11-0055	EA	500 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	92,667.87	1,545.45
		For Gas Filled Transformers, Add	*53,746.18*	
		For Single Phase Transformers, Deduct	*-2,239.42*	
		For Dry Type Unit, Add	*20,016.02*	
26 11 16 11-0056	EA	750 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	107,376.71	1,783.21
		For Gas Filled Transformers, Add	*62,286.17*	
		For Single Phase Transformers, Deduct	*-2,595.26*	
		For Dry Type Unit, Add	*23,194.91*	
26 11 16 11-0057	EA	1,000 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	124,530.78	2,139.86
		For Gas Filled Transformers, Add	*72,150.64*	
		For Single Phase Transformers, Deduct	*-3,006.28*	
		For Dry Type Unit, Add	*26,883.21*	
26 11 16 11-0058	EA	1,500 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	147,497.16	2,377.62
		For Gas Filled Transformers, Add	*85,645.16*	
		For Single Phase Transformers, Deduct	*-3,568.55*	
		For Dry Type Unit, Add	*31,878.75*	
26 11 16 11-0059	EA	2,000 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	192,293.00	2,496.50
		For Gas Filled Transformers, Add	*112,380.01*	
		For Single Phase Transformers, Deduct	*-4,682.50*	
		For Dry Type Unit, Add	*41,705.30*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 11 16 11-0060		Primary 4.16 Or 4.8 KV Secondary 480 Y/277 Or 480 Volt *(26 11 16 11-0049)*		
		Note: Primary 4.16 or 4.8 KV (delta or wye).		
26 11 16 11-0061	EA	112.5 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	71,797.70	951.04
		For Gas Filled Transformers, Add	*41,937.37*	
		For Single Phase Transformers, Deduct	*-1,747.39*	
		For Dry Type Unit, Add	*15,567.24*	
26 11 16 11-0062	EA	150 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	74,488.25	1,010.49
		For Gas Filled Transformers, Add	*43,480.36*	
		For Single Phase Transformers, Deduct	*-1,811.68*	
		For Dry Type Unit, Add	*16,144.90*	
26 11 16 11-0063	EA	225 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	75,788.82	1,188.80
		For Gas Filled Transformers, Add	*44,046.72*	
		For Single Phase Transformers, Deduct	*-1,835.28*	
		For Dry Type Unit, Add	*16,388.23*	
26 11 16 11-0064	EA	300 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	83,659.80	1,307.68
		For Gas Filled Transformers, Add	*48,626.65*	
		For Single Phase Transformers, Deduct	*-2,026.11*	
		For Dry Type Unit, Add	*18,091.31*	
26 11 16 11-0065	EA	500 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	92,667.87	1,545.45
		For Gas Filled Transformers, Add	*53,746.18*	
		For Single Phase Transformers, Deduct	*-2,239.42*	
		For Dry Type Unit, Add	*20,016.02*	
26 11 16 11-0066	EA	750 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	107,376.71	1,783.21
		For Gas Filled Transformers, Add	*62,286.17*	
		For Single Phase Transformers, Deduct	*-2,595.26*	
		For Dry Type Unit, Add	*23,194.91*	
26 11 16 11-0067	EA	1,000 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	124,530.78	2,139.86
		For Gas Filled Transformers, Add	*72,150.64*	
		For Single Phase Transformers, Deduct	*-3,006.28*	
		For Dry Type Unit, Add	*26,883.21*	
26 11 16 11-0068	EA	1,500 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	147,497.16	2,377.62
		For Gas Filled Transformers, Add	*85,645.16*	
		For Single Phase Transformers, Deduct	*-3,568.55*	
		For Dry Type Unit, Add	*31,878.75*	
26 11 16 11-0069	EA	2,000 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	192,293.00	2,496.50
		For Gas Filled Transformers, Add	*112,380.01*	
		For Single Phase Transformers, Deduct	*-4,682.50*	
		For Dry Type Unit, Add	*41,705.30*	
26 11 16 11-0070	EA	2,500 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	211,305.36	2,615.38
		For Gas Filled Transformers, Add	*123,644.77*	
		For Single Phase Transformers, Deduct	*-5,151.87*	
		For Dry Type Unit, Add	*45,859.49*	
26 11 16 11-0071	EA	3,000 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	236,196.85	2,734.26
		For Gas Filled Transformers, Add	*138,437.00*	
		For Single Phase Transformers, Deduct	*-5,768.21*	
		For Dry Type Unit, Add	*51,307.09*	
26 11 16 11-0072	EA	3,750 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	272,824.34	2,853.14
		For Gas Filled Transformers, Add	*160,270.84*	
		For Single Phase Transformers, Deduct	*-6,677.95*	
		For Dry Type Unit, Add	*59,336.60*	
26 11 16 11-0073		Primary 13.8 KV (Delta Or Wye) Secondary 208 Y/120 Or 240 Volt *(26 11 16 11-0049)*		
26 11 16 11-0074	EA	112.5 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 13.8 KV, Dry Transformer	79,928.83	1,069.92
		For Gas Filled Transformers, Add	*46,673.38*	
		For Single Phase Transformers, Deduct	*-1,944.72*	
		For Dry Type Unit, Add	*17,327.56*	
26 11 16 11-0075	EA	150 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 13.8 KV, Dry Transformer	82,604.50	1,129.37
		For Gas Filled Transformers, Add	*48,207.46*	
		For Single Phase Transformers, Deduct	*-2,008.64*	
		For Dry Type Unit, Add	*17,901.94*	
26 11 16 11-0076	EA	225 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 13.8 KV, Dry Transformer	88,201.08	1,307.68
		For Gas Filled Transformers, Add	*51,351.42*	
		For Single Phase Transformers, Deduct	*-2,139.64*	
		For Dry Type Unit, Add	*19,090.39*	
26 11 16 11-0077	EA	300 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 13.8 KV, Dry Transformer	93,047.02	1,426.57
		For Gas Filled Transformers, Add	*54,116.33*	
		For Single Phase Transformers, Deduct	*-2,254.85*	
		For Dry Type Unit, Add	*20,127.97*	
26 11 16 11-0078	EA	500 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 13.8 KV, Dry Transformer	106,038.93	1,664.33
		For Gas Filled Transformers, Add	*61,626.16*	
		For Single Phase Transformers, Deduct	*-2,567.76*	
		For Dry Type Unit, Add	*22,929.13*	
26 11 16 11-0079	EA	750 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 13.8 KV, Dry Transformer	117,417.99	1,902.09
		For Gas Filled Transformers, Add	*68,168.29*	
		For Single Phase Transformers, Deduct	*-2,840.35*	
		For Dry Type Unit, Add	*25,375.46*	
26 11 16 11-0080	EA	1,000 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 13.8 KV, Dry Transformer	137,047.09	2,258.74
		For Gas Filled Transformers, Add	*79,517.77*	
		For Single Phase Transformers, Deduct	*-3,313.24*	
		For Dry Type Unit, Add	*29,608.26*	
26 11 16 11-0081	EA	1,500 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 13.8 KV, Dry Transformer	166,472.36	2,496.50
		For Gas Filled Transformers, Add	*96,887.62*	
		For Single Phase Transformers, Deduct	*-4,036.98*	
		For Dry Type Unit, Add	*36,024.76*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 11 16 11-0082	EA	2,000 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 13.8 KV, Dry Transformer	201,880.90	2,615.38
		For Gas Filled Transformers, Add	*117,990.09*	
		For Single Phase Transformers, Deduct	*-4,916.25*	
		For Dry Type Unit, Add	*43,786.11*	
26 11 16 11-0083		Primary 13.8 KV (Delta Or Wye) Secondary 480 Y/277 Or 480 Volt *(26 11 16 11-0049)*		
26 11 16 11-0084	EA	112.5 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 13.8 KV, Dry Transformer	79,928.83	1,069.92
		For Gas Filled Transformers, Add	*46,673.38*	
		For Single Phase Transformers, Deduct	*-1,944.72*	
		For Dry Type Unit, Add	*17,327.56*	
26 11 16 11-0085	EA	150 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 13.8 KV, Dry Transformer	82,604.50	1,129.37
		For Gas Filled Transformers, Add	*48,207.46*	
		For Single Phase Transformers, Deduct	*-2,008.64*	
		For Dry Type Unit, Add	*17,901.94*	
26 11 16 11-0086	EA	225 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 13.8 KV, Dry Transformer	88,201.08	1,307.68
		For Gas Filled Transformers, Add	*51,351.42*	
		For Single Phase Transformers, Deduct	*-2,139.64*	
		For Dry Type Unit, Add	*19,090.39*	
26 11 16 11-0087	EA	300 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 13.8 KV, Dry Transformer	93,047.02	1,426.57
		For Gas Filled Transformers, Add	*54,116.33*	
		For Single Phase Transformers, Deduct	*-2,254.85*	
		For Dry Type Unit, Add	*20,127.97*	
26 11 16 11-0088	EA	500 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 13.8 KV, Dry Transformer	106,038.93	1,664.33
		For Gas Filled Transformers, Add	*61,626.16*	
		For Single Phase Transformers, Deduct	*-2,567.76*	
		For Dry Type Unit, Add	*22,929.13*	
26 11 16 11-0089	EA	750 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 13.8 KV, Dry Transformer	102,552.91	1,902.09
		For Gas Filled Transformers, Add	*59,249.24*	
		For Single Phase Transformers, Deduct	*-2,468.72*	
		For Dry Type Unit, Add	*22,105.14*	
26 11 16 11-0090	EA	1,000 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 13.8 KV, Dry Transformer	106,508.44	2,258.74
		For Gas Filled Transformers, Add	*61,194.58*	
		For Single Phase Transformers, Deduct	*-2,549.77*	
		For Dry Type Unit, Add	*22,889.76*	
26 11 16 11-0091	EA	1,500 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 13.8 KV, Dry Transformer	131,483.81	2,496.50
		For Gas Filled Transformers, Add	*75,894.49*	
		For Single Phase Transformers, Deduct	*-3,162.27*	
		For Dry Type Unit, Add	*28,327.28*	
26 11 16 11-0092	EA	2,000 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 13.8 KV, Dry Transformer	156,531.12	2,615.38
		For Gas Filled Transformers, Add	*90,780.22*	
		For Single Phase Transformers, Deduct	*-3,782.51*	
		For Dry Type Unit, Add	*33,809.16*	
26 11 16 11-0093	EA	2,500 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 13.8 KV, Dry Transformer	175,315.82	2,734.26
		For Gas Filled Transformers, Add	*101,908.39*	
		For Single Phase Transformers, Deduct	*-4,246.18*	
		For Dry Type Unit, Add	*37,913.26*	
26 11 16 11-0094	EA	3,000 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 13.8 KV, Dry Transformer	206,453.68	2,853.14
		For Gas Filled Transformers, Add	*120,448.44*	
		For Single Phase Transformers, Deduct	*-5,018.69*	
		For Dry Type Unit, Add	*44,735.06*	
26 11 16 11-0095	EA	3,750 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 13.8 KV, Dry Transformer	254,108.30	2,972.02
		For Gas Filled Transformers, Add	*148,898.56*	
		For Single Phase Transformers, Deduct	*-6,204.11*	
		For Dry Type Unit, Add	*55,190.54*	

26 12 Medium-Voltage Transformers *(26 10)*

26 12 13 Liquid-Filled, Medium-Voltage Transformers *(26 12)*

26 12 13 00-0001 Single Phase Oil Filled Distribution Transformers *(26 12 13)*

Note: Self-protected type, CSP, external secondary breaker handle, external tap changer.

26 12 13 00-0002 Primary 4.16/4.8 KV Ground Y Secondary 120/240 Volt, 4-2.5 Percent Taps FCBN, Class A, 95 KV BIL. Rated To 5 KVA *(26 12 13 00-0001)*

26 12 13 00-0003	EA	10 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase	8,584.64	489.02
26 12 13 00-0004	EA	15 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase	10,256.48	611.27
26 12 13 00-0005	EA	25 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase	11,882.20	733.52
26 12 13 00-0006	EA	37.5 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase	15,438.54	916.90
26 12 13 00-0007	EA	50 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase	18,303.62	1,100.29
26 12 13 00-0008	EA	75 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase	25,845.32	1,283.66
26 12 13 00-0009	EA	100 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase	30,598.40	1,528.17

26 12 13 00-0010 Primary 4.16/4.8 KV Ground Y Secondary 120/240 Volt, 2-2.5 Percent Taps FCAN And FCBN. Rated To 5 KVA *(26 12 13 00-0001)*

26 12 13 00-0011	EA	10 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	8,584.64	489.02
26 12 13 00-0012	EA	15 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	10,465.36	611.27
26 12 13 00-0013	EA	25 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	11,882.20	733.52
26 12 13 00-0014	EA	37.5 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	15,438.54	916.90
26 12 13 00-0015	EA	50 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	18,303.62	1,100.29
26 12 13 00-0016	EA	75 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	23,698.32	1,283.66
26 12 13 00-0017	EA	100 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	29,508.12	1,528.17

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 12 13 00-0018		**Primary 13.8/14.4 KV Ground Y Secondary 120/240V 2-2.5 Percent Taps FCBN And FCAN** *(26 12 13 00-0001)*		
26 12 13 00-0019	EA	10 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	8,340.95	489.02
26 12 13 00-0020	EA	15 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	9,595.04	611.27
26 12 13 00-0021	EA	25 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	11,228.03	733.52
26 12 13 00-0022	EA	37.5 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	15,287.58	916.90
26 12 13 00-0023	EA	50 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	17,666.22	1,100.29
26 12 13 00-0024	EA	75 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	24,100.88	1,283.66
26 12 13 00-0025	EA	100 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	29,608.76	1,528.17
26 12 13 00-0026		**Primary 13.8/14.4 KV Ground Y Secondary 240/480 Volt, 2-2.5 Percent Taps FCBN And FCAN** *(26 12 13 00-0001)*		
26 12 13 00-0027	EA	10 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase	9,472.37	489.02
26 12 13 00-0028	EA	15 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase	10,761.27	611.27
26 12 13 00-0029	EA	25 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase	14,283.34	733.52
26 12 13 00-0030	EA	37.5 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase	18,007.41	916.90
26 12 13 00-0031	EA	50 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase	20,715.20	1,100.29
26 12 13 00-0032	EA	75 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase	28,610.10	1,283.66
26 12 13 00-0033	EA	100 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase	36,888.13	1,528.17
26 12 13 00-0034		**Transformer Platforms** *(26 12 13 00-0001)*		
26 12 13 00-0035	EA	Transformer Platforms, 75 - 167 KVA	5,631.08	825.82
26 12 13 00-0036		**Primary 24.9 KV, Ground Y Secondary 240/480 Volt, 2-2.5 Percent Tops FCBN Auto FCAN** *(26 12 13 00-0001)*		
26 12 13 00-0037	EA	10 KVA Transformer Primary 24.9 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase	10,504.10	489.02
26 12 13 00-0038	EA	15 KVA Transformer Primary 24.9 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase	11,698.05	611.27
26 12 13 00-0039	EA	25 KVA Transformer Primary 24.9 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase	14,284.52	733.52
26 12 13 00-0040	EA	37.5 KVA Transformer Primary 24.9 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase	18,005.97	916.90
26 12 13 00-0041	EA	50 KVA Transformer Primary 24.9 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase	20,836.95	1,161.41
26 12 13 00-0042	EA	75 KVA Transformer Primary 24.9 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase	28,613.69	1,283.66
26 12 13 00-0043	EA	100 KVA Transformer Primary 24.9 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase	36,888.13	1,528.17
26 12 13 00-0044	EA	167 KVA Transformer Primary 24.9 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase	49,453.70	1,956.06
26 12 13 00-0045	EA	250 KVA Transformer Primary 24.9 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase	63,141.23	2,628.46
26 12 13 00-0046	EA	333 KVA Transformer Primary 24.9 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase	73,997.79	3,056.35
26 12 13 00-0047	EA	500 KVA Transformer Primary 24.9 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase	94,741.58	3,300.86
26 12 13 00-0048		**Primary 4.8 KV Ground Y Secondary 120/240V 4-2.5 Percent Taps FCBN, Class A, 95 KV BIL** *(26 12 13 00-0001)*		
26 12 13 00-0049	EA	10 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase	8,584.64	598.80
26 12 13 00-0050	EA	15 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase	10,256.48	748.44
26 12 13 00-0051	EA	25 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase	11,881.70	897.22
26 12 13 00-0052	EA	37.5 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase	15,439.73	1,124.37
26 12 13 00-0053	EA	50 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase	18,302.48	1,346.87
26 12 13 00-0054	EA	75 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase	25,843.79	1,568.64
26 12 13 00-0055	EA	100 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase	30,598.40	1,871.22
26 12 13 00-0056		**Primary 4.8 KV Ground Y Secondary 120/240V 2-2.5 Percent Taps FCAN And FCBN** *(26 12 13 00-0001)*		
26 12 13 00-0057	EA	10 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	8,584.64	598.80
26 12 13 00-0058	EA	15 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	10,465.36	748.44
26 12 13 00-0059	EA	25 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	11,881.70	897.22
26 12 13 00-0060	EA	37.5 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	15,439.73	1,124.37
26 12 13 00-0061	EA	50 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	18,302.48	1,346.87
26 12 13 00-0062	EA	75 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	23,696.79	1,568.64
26 12 13 00-0063	EA	100 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	29,508.12	1,871.22
26 12 13 00-0064		**Primary 7.2 To 14.4 KV Ground Y** *(26 12 13 00-0001)*		
26 12 13 00-0065		**Primary 7.2 To 14.4 KV Ground Y Secondary 120 / 240 V 2-2.5 Percent Taps FCBN And FCAN** *(26 12 13 00-0064)*		
26 12 13 00-0066	EA	10 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	6,753.80	489.02
26 12 13 00-0067	EA	15 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	8,011.05	611.27
26 12 13 00-0068	EA	25 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	9,219.15	733.52
26 12 13 00-0069	EA	37.5 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	12,122.06	916.90
26 12 13 00-0070	EA	50 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	15,254.77	1,100.29
26 12 13 00-0071	EA	75 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	24,715.86	1,283.66
26 12 13 00-0072	EA	100 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase	28,374.80	1,528.17

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 12 13 00-0073		Primary 7.2 To 14.4 KV Ground Y Secondary 240 / 480 V 2-2.5 Pct Taps FCBN And FCAN *(26 12 13 00-0064)*		
26 12 13 00-0074	EA	10 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase	6,199.96	489.02
26 12 13 00-0075	EA	15 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase	7,314.79	611.27
26 12 13 00-0076	EA	25 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase	8,902.66	733.52
26 12 13 00-0077	EA	37.5 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase	11,489.10	916.90
26 12 13 00-0078	EA	50 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase	14,384.45	1,100.29
26 12 13 00-0079	EA	75 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase	21,551.05	1,283.66
26 12 13 00-0080	EA	100 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase	25,210.00	1,528.17
26 12 13 00-0081		3 Phase Oil Filled Distribution Transformers *(26 12 13)*		
26 12 13 00-0082		Primary 4.16/4.8 KV Ground Y Secondary 120/240 Volt *(26 12 13 00-0081)* Note: 4-2.5 Percent taps FCBN, Class A, 95 KV BIL.		
26 12 13 00-0083	EA	112.5 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 3 Phase	31,309.72	1,711.56
26 12 13 00-0084	EA	150 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 3 Phase	39,551.13	1,833.81
26 12 13 00-0085	EA	225 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 3 Phase	52,627.02	2,322.83
26 12 13 00-0086	EA	300 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 3 Phase	68,818.10	2,934.10
26 12 13 00-0087	EA	500 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 3 Phase	102,564.46	3,300.86
26 12 13 00-0088	EA	750 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 3 Phase	157,257.47	4,401.14
26 12 19		**Pad-Mounted, Liquid-Filled, Medium-Voltage Transformers** *(26 12)*		
26 12 19 00-0001		Single Phase Pad Mounted Distribution Transformers *(26 12 19)* Note: Designed for residential and multi-family buildings. UL listed.		
26 12 19 00-0002		Mini Pak - Single Phase KVA 25 Thru 167 - 95 KV BIL.- Oil Filled *(26 12 19 00-0001)* Note: Self actuating pressure relief device, taps, 4-1/2 % below or 2-1/2 % above and below. Designed for loop feed grounded wye distribution system.		
26 12 19 00-0003		Primary, 4.16/4.8 KV Ground Y Or Delta *(26 12 19 00-0002)* Note: 2.4 To 24.94 KV ground Y / 14.4 KV secondary - 240/120 Volt, 480/240 Volt, 277 V. Rated to 5 KVA.		
26 12 19 00-0004	EA	25 KVA, Primary 4.16 / 4.8 KV Ground Y / 2.4 - 24.94 KV Ground Y / 14.4 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	20,888.80	594.40
26 12 19 00-0005	EA	37.5 KVA, Primary 4.16 / 4.8 KV Ground Y / 2.4 - 24.94 KV Ground Y / 14.4 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	22,619.17	713.28
26 12 19 00-0006	EA	50 KVA, Primary 4.16 / 4.8 KV Ground Y / 2.4 - 24.94 KV Ground Y / 14.4 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	26,992.91	832.16
26 12 19 00-0007	EA	75 KVA, Primary 4.16 / 4.8 KV Ground Y / 2.4 - 24.94 KV Ground Y / 14.4 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	33,623.38	891.61
26 12 19 00-0008	EA	100 KVA, Primary 4.16 / 4.8 KV Ground Y / 2.4 - 24.94 KV Ground Y / 14.4 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	38,271.33	951.04
26 12 19 00-0009	EA	167 KVA, Primary 4.16 / 4.8 KV Ground Y / 2.4 - 24.94 KV Ground Y / 14.4 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	50,077.31	1,248.25
26 12 19 00-0010		Factory Modifications Material Cost Only *(26 12 19 00-0002)*		
26 12 19 00-0011	EA	Loadbreaker Current Limiting Fuse Factory Modifications	4,717.06	
26 12 19 00-0012	EA	Loadbreaker Oil Switch, 2 Position Factory Modifications	4,956.33	
26 12 19 00-0013	EA	Loadbreaker Inserts, Factory Modifications	5,451.97	
26 12 19 00-0014		Distribution - Single Phase Multiple Building Transformer *(26 12 19 00-0001)* Note: KVA 25 to 250, KVA BIL-95, 125, 150 standard features. Oil filled, self-actuating pressure relief device, lighting arrester mounted. Pad HV/LV barrier, etc. with taps 4-1/2 % below or 2-1/2 % above and below.		
26 12 19 00-0015		Primary, 4.16/4.8 KVA Ground Y Or Delta *(26 12 19 00-0014)* Note: 2.4 To 34.5 KV ground Y / 19.9 KV secondary - 240/120 V, 120/240 V, 240/480 V, 480/240 V, 277V. Rated to 5 KVA.		
26 12 19 00-0016	EA	25 KVA, Primary 4.16 / 4.8 KV Ground Y / 2.4 - 24.94 KV Ground Y / 14.4 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	26,617.96	594.40
26 12 19 00-0017	EA	37.5 KVA, Primary 4.16 / 4.8 KV Ground Y / 2.4 - 24.94 KV Ground Y / 14.4 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	29,832.85	594.40
26 12 19 00-0018	EA	50 KVA, Primary 4.16 / 4.8 KV Ground Y / 2.4 - 24.94 KV Ground Y / 14.4 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	31,936.58	814.33
26 12 19 00-0019	EA	75 KVA, Primary 4.16 / 4.8 KV Ground Y / 2.4 - 24.94 KV Ground Y / 14.4 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	40,132.34	814.33
26 12 19 00-0020	EA	100 KVA, Primary 4.16 / 4.8 KV Ground Y / 2.4 - 24.94 KV Ground Y / 14.4 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	45,096.30	1,069.92
26 12 19 00-0021	EA	167 KVA, Primary 4.16 / 4.8 KV Ground Y / 2.4 - 24.94 KV Ground Y / 14.4 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	54,020.85	1,069.92
26 12 19 00-0022	EA	250 KVA, Primary 4.16 / 4.8 KV Ground Y / 2.4 - 24.94 KV Ground Y / 14.4 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	88,021.61	1,486.01
26 12 19 00-0023		Factory Modifications Material Cost Only *(26 12 19 00-0014)*		
26 12 19 00-0024	EA	Loadbreaker Current Limiting Fuse Factory Modifications	6,289.42	
26 12 19 00-0025	EA	Lightning Arrestors, Factory Modifications	1,593.56	
26 12 19 00-0026	EA	Loadbreaker Oil Switch, 2 Position Factory Modifications	4,956.33	
26 12 19 00-0027	EA	Loop Feed Air Switch, Factory Modifications	8,066.86	
26 12 19 00-0028	EA	Loadbreaker Inserts (Two), Factory Modifications	2,153.44	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 12 19 00-0029	EA	Bay-O-Net Fuse 25 Thru 167 KVA Factory Modifications	1,862.90	
26 12 19 00-0030		**Primary, 12.47 KV Ground Y Or Delta** *(26 12 19 00-0014)* Note: 7.2 To 34.5 KV ground Y / 19.9 KV secondary - 240/120 V, 120/240 V, 240/480 V, 480/240 V, 277V. Rated to 5 KVA.		
26 12 19 00-0031	EA	25 KVA, Primary 12.47 KV Ground Y / 7.2 - 34.5 KV Ground Y / 19.9 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	28,935.98	594.40
26 12 19 00-0032	EA	37.5 KVA, Primary 12.47 KV Ground Y / 7.2 - 34.5 KV Ground Y / 19.9 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	30,616.56	594.40
26 12 19 00-0033	EA	50 KVA, Primary 12.47 KV Ground Y / 7.2 - 34.5 KV Ground Y / 19.9 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	31,633.37	814.33
26 12 19 00-0034	EA	75 KVA, Primary 12.47 KV Ground Y / 7.2 - 34.5 KV Ground Y / 19.9 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	38,298.64	814.33
26 12 19 00-0035	EA	100 KVA, Primary 12.47 KV Ground Y / 7.2 - 34.5 KV Ground Y / 19.9 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	48,926.89	1,069.92
26 12 19 00-0036	EA	167 KVA, Primary 12.47 KV Ground Y / 7.2 - 34.5 KV Ground Y / 19.9 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	60,800.20	1,070.05
26 12 19 00-0037	EA	250 KVA, Primary 12.47 KV Ground Y / 7.2 - 34.5 KV Ground Y / 19.9 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	77,226.69	1,486.01
26 12 19 00-0038		**Oil Filled Distribution Transformer Single Phase Cluster Mounted** *(26 12 19 00-0001)* Note: Conventional type.		
26 12 19 00-0039		**13.8/14.4 KV Ground Y Or Delta Primary 120/240V** *(26 12 19 00-0038)* Note: 2.5 Taps FCBN and FCAN.		
26 12 19 00-0040	EA	10 KVA, 13.8 - 14.4 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	19,180.23	414.71
26 12 19 00-0041	EA	37.5 KVA, 13.8 - 14.4 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	23,626.65	583.18
26 12 19 00-0042	EA	50 KVA, 13.8 - 14.4 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	36,326.41	933.09
26 12 19 00-0043	EA	100 KVA, 13.8 - 14.4 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	65,903.72	933.09
26 12 19 00-0044	EA	167 KVA, 13.8 - 14.4 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	91,065.31	1,529.23
26 12 19 00-0045	EA	250 KVA, 13.8 - 14.4 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	123,018.00	1,529.23
26 12 19 00-0046		**Oil Filled Distribution Transformer Single Phase** *(26 12 19 00-0001)*		
26 12 19 00-0047		**7.2 KV Primary, 120/240 Volt Secondary** *(26 12 19 00-0046)*		
26 12 19 00-0048	EA	10 KVA, 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	18,563.06	440.62
26 12 19 00-0049	EA	15 KVA, 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	20,244.63	440.62
26 12 19 00-0050	EA	25 KVA, 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	23,941.62	622.06
26 12 19 00-0051	EA	37.5 KVA, 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	30,700.06	622.06
26 12 19 00-0052	EA	50 KVA, 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	35,334.76	842.37
26 12 19 00-0053	EA	100 KVA, 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	64,327.54	1,295.96
26 12 19 00-0054	EA	167 KVA, 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	89,830.97	1,295.96
26 12 19 00-0055	EA	250 KVA, 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	121,112.68	1,619.95
26 12 19 00-0056		**7.2 KV Primary, 240/480 Volt Secondary** *(26 12 19 00-0046)*		
26 12 19 00-0057	EA	10 KVA, 7.2 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	18,563.06	440.62
26 12 19 00-0058	EA	15 KVA, 7.2 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	20,245.27	440.62
26 12 19 00-0059	EA	25 KVA, 7.2 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	23,941.62	622.06
26 12 19 00-0060	EA	37.5 KVA, 7.2 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	30,700.06	622.06
26 12 19 00-0061	EA	50 KVA, 7.2 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	35,334.76	842.37
26 12 19 00-0062	EA	75 KVA, 7.2 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	55,127.00	1,140.45
26 12 19 00-0063	EA	100 KVA, 7.2 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	64,327.54	1,140.45
26 12 19 00-0064	EA	167 KVA, 7.2 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	89,830.97	1,438.51
26 12 19 00-0065	EA	250 KVA, 7.2 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	121,112.68	1,619.95
26 12 19 00-0066		**2.4 KV Primary, 277 Volt Secondary** *(26 12 19 00-0046)*		
26 12 19 00-0067	EA	10 KVA, 2.4 KV Primary, 277 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	20,499.80	440.62
26 12 19 00-0068	EA	15 KVA, 2.4 KV Primary, 277 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	22,355.29	440.62
26 12 19 00-0069	EA	25 KVA, 2.4 KV Primary, 277 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	26,444.03	622.06
26 12 19 00-0070	EA	37.5 KVA, 2.4 KV Primary, 277 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	33,896.80	622.06
26 12 19 00-0071	EA	50 KVA, 2.4 KV Primary, 277 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	39,010.33	842.37
26 12 19 00-0072	EA	75 KVA, 2.4 KV Primary, 277 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	60,724.27	1,140.45
26 12 19 00-0073	EA	100 KVA, 2.4 KV Primary, 277 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	71,095.67	1,140.45
26 12 19 00-0074	EA	167 KVA, 2.4 KV Primary, 277 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	99,330.62	1,438.51
26 12 19 00-0075	EA	250 KVA, 2.4 KV Primary, 277 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	133,990.58	1,619.95
26 12 19 00-0076		**2.4 KV Primary, 120/240 Volt Secondary** *(26 12 19 00-0046)*		
26 12 19 00-0077	EA	10 KVA, 2.4 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	18,563.06	440.62
26 12 19 00-0078	EA	15 KVA, 2.4 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	20,244.63	440.62
26 12 19 00-0079	EA	25 KVA, 2.4 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	23,941.62	846.39
26 12 19 00-0080	EA	37.5 KVA, 2.4 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	30,700.06	1,140.45
26 12 19 00-0081	EA	50 KVA, 2.4 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	35,334.76	842.37
26 12 19 00-0082	EA	75 KVA, 2.4 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	54,947.30	1,140.45
26 12 19 00-0083	EA	100 KVA, 2.4 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	64,314.88	1,140.45

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 12 19 00-0084		**2.4 KV Primary, 240/480 Volt Secondary** *(26 12 19 00-0046)*		
26 12 19 00-0085	EA	10 KVA, 2.4 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	18,563.06	440.62
26 12 19 00-0086	EA	15 KVA, 2.4 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	20,244.63	440.62
26 12 19 00-0087	EA	25 KVA, 2.4 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	23,941.62	622.06
26 12 19 00-0088	EA	37.5 KVA, 2.4 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	30,700.06	622.06
26 12 19 00-0089	EA	50 KVA, 2.4 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	35,334.76	842.37
26 12 19 00-0090	EA	75 KVA, 2.4 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	54,947.30	1,140.45
26 12 19 00-0091	EA	100 KVA, 2.4 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	64,314.88	1,140.45
26 12 19 00-0092		**2.4 KV x 7.2 KV Primary, 120/240 Volt Secondary** *(26 12 19 00-0046)*		
26 12 19 00-0093	EA	10 KVA, 2.4 KV x 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	15,552.96	453.59
26 12 19 00-0094	EA	15 KVA, 2.4 KV x 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	16,845.06	505.43
26 12 19 00-0095	EA	25 KVA, 2.4 KV x 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	20,659.55	557.27
26 12 19 00-0096	EA	37 KVA, 2.4 KV x 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	26,063.38	777.58
26 12 19 00-0097	EA	50 KVA, 2.4 KV x 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	28,922.12	907.17
26 12 19 00-0098	EA	75 KVA, 2.4 KV x 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	40,613.77	1,062.68
26 12 19 00-0099	EA	100 KVA, 2.4 KV x 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	49,091.41	1,218.20
26 12 19 00-0100	EA	167 KVA, 2.4 KV x 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	78,047.80	1,555.15
26 12 19 00-0101	EA	250 KVA, 2.4 KV x 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	109,215.57	1,749.54

26 13 Medium-Voltage Switchgear *(26 10)*

26 13 16 Medium-Voltage Fusible Interrupter Switchgear *(26 13)*

26 13 16 00-0001		**"Switchyard", Substation Secondary Distribution Section** *(26 13 16)* Note: Medium voltage, metal clad switchgear, 3 phase, 3 wire with ground. Includes breaker element, housing, control switch two lamps - 3 cable terminals.		
26 13 16 00-0002		**4.16 Or 4.8 KV Switchgear Sections, With Air Circuit Breaker, Secondary Distribution Section** *(26 13 16 00-0001)*		
26 13 16 00-0003	EA	1,200 Amperes, 75 MVA, 4.16 Or 4.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	16,132.45	1,347.80
		For Weatherproofing, Add	*3,360.15*	
26 13 16 00-0004	EA	1,200 Amperes, 250 MVA, 4.16 Or 4.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	16,953.42	1,347.80
		For Weatherproofing, Add	*3,540.76*	
26 13 16 00-0005	EA	1,200 Amperes, 350 MVA, 4.16 Or 4.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	23,162.40	1,717.15
		For Weatherproofing, Add	*4,868.37*	
26 13 16 00-0006	EA	2,000 Amperes, 250 MVA, 4.16 Or 4.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	31,682.25	1,717.15
		For Weatherproofing, Add	*6,713.83*	
26 13 16 00-0007	EA	2,000 Amperes, 350 MVA, 4.16 Or 4.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	45,581.45	2,073.54
		For Weatherproofing, Add	*9,737.16*	
26 13 16 00-0008	EA	3,000 Amperes, 350 MVA, 4.16 Or 4.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	41,508.34	2,073.54
		For Weatherproofing, Add	*8,826.39*	
26 13 16 00-0009		**7.2 KV Switchgear Sections, With Air Circuit Breaker, Secondary Distribution Section** *(26 13 16 00-0001)*		
26 13 16 00-0010	EA	1,200 Amperes, 500 MVA, 7.2 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	24,236.67	1,555.15
		For Weatherproofing, Add	*5,123.52*	
26 13 16 00-0011	EA	2,000 Amperes, 500 MVA, 7.2 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	29,725.73	1,943.94
		For Weatherproofing, Add	*6,267.24*	
26 13 16 00-0012	EA	3,000 Amperes, 500 MVA, 7.2 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	41,940.15	2,332.73
		For Weatherproofing, Add	*8,908.53*	
26 13 16 00-0013		**13.8 KV Switchgear Sections, With Air Circuit Breaker, Secondary Distribution Section** *(26 13 16 00-0001)*		
26 13 16 00-0014	EA	1,200 Amperes, 500 MVA, 13.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	23,319.35	1,555.15
		For Weatherproofing, Add	*4,904.59*	
26 13 16 00-0015	EA	1,200 Amperes, 750 MVA, 13.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	32,210.19	1,555.15
		For Weatherproofing, Add	*6,823.29*	
26 13 16 00-0016	EA	1,200 Amperes, 1,000 MVA, 13.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	47,227.70	2,073.54
		For Weatherproofing, Add	*10,084.65*	
26 13 16 00-0017	EA	2,000 Amperes, 500 MVA, 13.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	29,327.01	2,073.54
		For Weatherproofing, Add	*6,163.95*	
26 13 16 00-0018	EA	2,000 Amperes, 750 MVA, 13.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	42,793.54	2,591.92
		For Weatherproofing, Add	*9,089.43*	
26 13 16 00-0019	EA	2,000 Amperes, 1,000 MVA, 13.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	60,086.41	2,591.92
		For Weatherproofing, Add	*12,854.68*	
26 13 16 00-0020	EA	3,000 Amperes, 500 MVA, 13.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	41,150.45	2,591.92
		For Weatherproofing, Add	*8,717.11*	
26 13 16 00-0021	EA	3,000 Amperes, 750 MVA, 13.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	57,266.34	2,591.92
		For Weatherproofing, Add	*12,225.27*	
26 13 16 00-0022	EA	3,000 Amperes, 1,000 MVA, 13.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	74,395.72	2,591.92
		For Weatherproofing, Add	*15,958.42*	
26 13 16 00-0023		**4.16 Or 4.8 KV Switchgear Section, Without Air Circuit Breaker, Secondary Distribution Section** *(26 13 16 00-0001)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 13 16 00-0024	EA	1,200 Amperes, 250 MVA, 4.16 Or 4.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	7,166.40	848.85
		For Weatherproofing, Add	*1,457.56*	
26 13 16 00-0025	EA	1,200 Amperes, 350 MVA, 4.16 Or 4.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	9,392.08	848.85
		For Weatherproofing, Add	*1,947.21*	
26 13 16 00-0026	EA	2,000 Amperes, 250 MVA, 4.16 Or 4.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	10,125.27	1,127.49
		For Weatherproofing, Add	*2,070.06*	
26 13 16 00-0027	EA	2,000 Amperes, 350 MVA, 4.16 Or 4.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	12,547.12	1,393.16
		For Weatherproofing, Add	*2,565.28*	
26 13 16 00-0028	EA	3,000 Amperes, 350 MVA, 4.16 Or 4.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	17,051.72	1,393.16
		For Weatherproofing, Add	*3,556.29*	

26 13 16 00-0029 7.2 KV Switchgear Section, Without Air Circuit Breaker, Secondary Distribution Section *(26 13 16 00-0001)*

26 13 16 00-0030	EA	1,200 Amperes, 500 MVA, 7.2 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	9,098.94	1,295.96
		For Weatherproofing, Add	*1,866.17*	
26 13 16 00-0031	EA	2,000 Amperes, 500 MVA, 7.2 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	11,913.10	1,295.96
		For Weatherproofing, Add	*2,447.09*	
26 13 16 00-0032	EA	3,000 Amperes, 500 MVA, 7.2 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	18,288.69	1,295.96
		For Weatherproofing, Add	*3,812.05*	

26 13 16 00-0033 13.8 KV Switchgear Section, Without Air Circuit Breaker, Secondary Distribution Section *(26 13 16 00-0001)*

26 13 16 00-0034	EA	1,200 Amperes, 500 MVA, 13.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	9,354.61	1,101.56
		For Weatherproofing, Add	*1,904.52*	
26 13 16 00-0035	EA	1,200 Amperes, 750 MVA, 13.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	9,998.75	1,101.56
		For Weatherproofing, Add	*2,046.23*	
26 13 16 00-0036	EA	1,200 Amperes, 1,000 MVA, 13.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	14,387.39	1,360.76
		For Weatherproofing, Add	*2,973.84*	
26 13 16 00-0037	EA	2,000 Amperes, 500 MVA, 13.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	12,703.04	1,632.91
		For Weatherproofing, Add	*2,565.59*	
26 13 16 00-0038	EA	2,000 Amperes, 750 MVA, 13.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	15,738.49	1,632.91
		For Weatherproofing, Add	*3,233.38*	
26 13 16 00-0039	EA	2,000 Amperes, 1,000 MVA, 13.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	18,087.61	1,905.06
		For Weatherproofing, Add	*3,711.67*	
26 13 16 00-0040	EA	3,000 Amperes, 500 MVA, 13.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	16,829.37	2,177.22
		For Weatherproofing, Add	*3,397.02*	
26 13 16 00-0041	EA	3,000 Amperes, 750 MVA, 13.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	18,909.35	2,177.22
		For Weatherproofing, Add	*3,854.61*	
26 13 16 00-0042	EA	3,000 Amperes, 1,000 MVA, 13.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	23,365.37	2,436.41
		For Weatherproofing, Add	*4,796.76*	

26 13 16 00-0043 Accessories For Substation Secondary Distribution Sections *(26 13 16 00-0001)*

26 13 16 00-0044	EA	1,200 Amperes, Transformer Throat Connection Accessories, Secondary Distribution Section	4,468.77	821.25
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*492.76*	
26 13 16 00-0045	EA	2,000 Amperes, Transformer Throat Connection Accessories, Secondary Distribution Section	5,619.37	911.32
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*546.82*	
26 13 16 00-0046	EA	3,000 Amperes, Transformer Throat Connection Accessories, Secondary Distribution Section	7,361.49	1,096.38
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*657.85*	
26 13 16 00-0047	EA	3-Phase Pothead Termination Accessories, Secondary Distribution Section	4,382.90	1,648.85
26 13 16 00-0048	EA	5 KV, 15 KVA, Control Power Transformer Accessories, Secondary Distribution Section	5,824.07	105.89
26 13 16 00-0049	EA	5 KV, 30 KVA, Control Power Transformer Accessories, Secondary Distribution Section	7,790.11	105.89
26 13 16 00-0050	EA	5 KV, 75 KVA, Control Power Transformer Accessories, Secondary Distribution Section	14,292.49	105.89
26 13 16 00-0051	EA	15 KV, 15 KVA, Control Power Transformer Accessories, Secondary Distribution Section	11,225.29	105.89
26 13 16 00-0052	EA	15 KV, 30 KVA, Control Power Transformer Accessories, Secondary Distribution Section	12,257.34	105.89
26 13 16 00-0053	EA	15 KV, 75 KVA, Control Power Transformer Accessories, Secondary Distribution Section	16,696.56	105.89
26 13 16 00-0054	EA	6 KV, 3-Phase Lightning Arrester Accessories, Secondary Distribution Section	2,620.51	105.89
26 13 16 00-0055	EA	9 KV, 3-Phase Lightning Arrester Accessories, Secondary Distribution Section	2,966.08	105.89
26 13 16 00-0056	EA	15 KV, 3-Phase Lightning Arrester Accessories, Secondary Distribution Section	4,522.10	105.89
26 13 16 00-0057	EA	Overcurrent Phase Protection, Time And Instantaneous Device 67	2,882.96	105.89
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*63.53*	
26 13 16 00-0058	EA	AC Ammeter With Switch	1,108.39	105.89
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*63.53*	
26 13 16 00-0059	EA	AC Voltmeter With Switch And Potential Transformer	1,108.39	105.89
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*63.53*	
26 13 16 00-0060	EA	Indicating Wattmeter	1,653.84	105.89
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*63.53*	
26 13 16 00-0061	EA	Indicating Varmeter	1,956.45	105.89
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*63.53*	
26 13 16 00-0062	EA	Indicating Watt-hour Meter, 2 Element	1,216.74	105.89
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*63.53*	
26 13 16 00-0063	EA	Ground Protection, Time Or Instantaneous Device 67N	2,737.36	105.89
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*63.53*	
26 13 16 00-0064	EA	Differential Generator Protection Single Phase NEMA Device 87	5,504.65	105.89
26 13 16 00-0065	EA	Current Transformers 5 And 15 KV Single Secondary	741.34	105.89

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 13 16 00-0066	EA	Potential Transformers 5 KV And 15 KV With Primary Fuses	3,662.84	105.89

26 13 19 Medium-Voltage Vacuum Interrupter Switchgear *(26 13)*

26 13 19 00-0001 Vacuum Circuit Breakers 13.8 KV *(26 13 19)*

26 13 19 00-0002	EA	1,200 Amperes, 500 MVA, Vacuum Circuit Breaker, 13.8 KV Substation, Secondary Distribution Section	59,253.85	1,619.95
26 13 19 00-0003	EA	1,200 Amperes, 750 MVA, Vacuum Circuit Breaker, 13.8 KV Substation, Secondary Distribution Section	65,407.79	2,047.61
26 13 19 00-0004	EA	1,200 Amperes, 1,000 MVA, Vacuum Circuit Breaker, 13.8 KV Substation, Secondary Distribution Section	74,248.36	2,047.61
26 13 19 00-0005	EA	2,000 Amperes, 500 MVA, Vacuum Circuit Breaker, 13.8 KV Substation, Secondary Distribution Section	67,964.45	1,619.95
26 13 19 00-0006	EA	2,000 Amperes, 750 MVA, Vacuum Circuit Breaker, 13.8 KV Substation, Secondary Distribution Section	76,510.53	1,619.95
26 13 19 00-0007	EA	2,000 Amperes, 1,000 MVA, Vacuum Circuit Breaker, 13.8 KV Substation, Secondary Distribution Section	87,197.14	1,905.06
26 13 19 00-0008	EA	3,000 Amperes, 500 MVA, Vacuum Circuit Breaker, 13.8 KV Substation, Secondary Distribution Section	89,914.20	2,177.22
26 13 19 00-0009	EA	3,000 Amperes, 750 MVA, Vacuum Circuit Breaker, 13.8 KV Substation, Secondary Distribution Section	98,503.69	2,177.22
26 13 19 00-0010	EA	3,000 Amperes, 1,000 MVA, Vacuum Circuit Breaker, 13.8 KV Substation, Secondary Distribution Section	107,614.04	2,449.36

26 13 29 Medium-Voltage Compartmentalized Switchgear *(26 13)*

26 13 29 00-0001 Substation Secondary Distribution Section *(26 13 29)*

Note: Low voltage drawout switchgear 277/480 volt, 3 phase 4 wire.

26 13 29 00-0002 Switchgear Compartment Complete With Air Circuit Breaker *(26 13 29 00-0001)*

Note: With solid state long - time and instantaneous trips.

26 13 29 00-0003	EA	800 Amperes, 277/480 Volt Switchgear, With Air Circuit Breaker, Manual DS-206	18,843.14	1,039.37
26 13 29 00-0004	EA	1,600 Amperes, 277/480 Volt Switchgear, With Air Circuit Breaker, Manual DS-416	29,654.51	1,571.44
26 13 29 00-0005	EA	2,000 Amperes, 277/480 Volt Switchgear, With Air Circuit Breaker, Manual DS-420	40,141.47	1,930.27
26 13 29 00-0006	EA	3,200 Amperes, 277/480 Volt Switchgear, With Air Circuit Breaker, Manual DS-632	66,966.65	2,239.61
26 13 29 00-0007	EA	4,000 Amperes, 277/480 Volt Switchgear, With Air Circuit Breaker, Manual DS-840	86,155.28	2,548.94

26 13 29 00-0008 Switchgear Compartment Without Circuit Breaker *(26 13 29 00-0001)*

26 13 29 00-0009	EA	800 Amperes, 277/480 Volt Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	8,336.24	315.52
26 13 29 00-0010	EA	1,600 Amperes, 277/480 Volt Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	9,632.78	315.52
26 13 29 00-0011	EA	2,000 Amperes, 277/480 Volt Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	12,603.54	464.00
26 13 29 00-0012	EA	3,200 Amperes, 277/480 Volt Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	18,063.11	464.00
26 13 29 00-0013	EA	4,000 Amperes, 277/480 Volt Switchgear, Without Air Circuit Breaker, Secondary Distribution Section	30,207.87	680.54

26 13 29 00-0014 Switchgear Compartment, Blank, Use As Filler Or Metering *(26 13 29 00-0001)*

Note: No provisions for future breaker.

26 13 29 00-0015	EA	600 To 2,000 Amperes, Blank Section Filler, Secondary Distribution Section	9,093.21	352.65
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*201.64*	
26 13 29 00-0016	EA	3,000 Amperes, Blank Section Filler, Secondary Distribution Section	11,447.29	352.65
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*236.71*	
26 13 29 00-0017	EA	4,000 Amperes, Blank Section Filler, Secondary Distribution Section	14,802.68	544.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*340.27*	
26 13 29 00-0018	EA	Reconfiguring Switchgear Compartment, Cutting Existing Front Panel To Suit New Switchgear Component	247.47	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*74.24*	
26 13 29 00-0019	EA	Reconfiguring Switchgear Compartment, Adding 1/8" Thick Metal Blanking Panels To Suit New Switchgear Component	892.81	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*222.70*	

26 13 29 00-0020 Accessories For Substation Secondary Distribution *(26 13 29 00-0001)*

26 13 29 00-0021	EA	Short Time Delay Accessories, Secondary Distribution Section	5,132.20	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*63.53*	
26 13 29 00-0022	EA	Key Interlock Accessories, Secondary Distribution Section	3,950.40	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*63.53*	
26 13 29 00-0023	EA	Ammeter And Switch Complete Accessories, Secondary Distribution Section	12,936.50	105.89
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*63.53*	
26 13 29 00-0024	EA	Voltmeter And Switch Complete Accessories, Secondary Distribution Section	12,936.50	105.89
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*63.53*	
26 13 29 00-0025	EA	Wattmeter - Complete Accessories, Secondary Distribution Section	17,173.12	105.89
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*63.53*	
26 13 29 00-0026	EA	Watt-hour Meter - Complete Accessories, Secondary Distribution Section	22,301.66	105.89
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*63.53*	
26 13 29 00-0027	EA	Circuit Breaker Lifting Device Accessories, Secondary Distribution Section	9,524.87	120.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*72.44*	
26 13 29 00-0028	EA	Weatherproofing, Per Vertical Section Accessories, Secondary Distribution Section	26,425.29	1,788.62
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1,073.18*	
26 13 29 00-0029	EA	Current Transformer, Single Section 5 To 800 Single Secondary 5 To 800	5,756.54	105.89
26 13 29 00-0030	EA	Potential Transformers Each With Fuses Accessories, Secondary Distribution Section	6,794.64	105.89
26 13 29 00-0031	EA	Shunt Trip And Auxiliary Switch Accessories, Secondary Distribution Section	3,636.41	52.94
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*31.77*	
26 13 29 00-0032	EA	3 Current Limiting Fuses 15 KV Accessories, Secondary Distribution Section	28,061.98	105.89
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*63.53*	
26 13 29 00-0033	EA	3 Phase Surge Capacitors 15 KV Accessories, Secondary Distribution Section	3,458.02	52.94
26 13 29 00-0034	EA	Meter With 3 Current Transformer	11,501.71	264.72

26 18 Medium-Voltage Circuit Protection Devices *(26 10)*

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 18 36		**Medium-Voltage Enclosed Fuses** *(26 18)*		
26 18 36 00-0001		Sectionalizing Switch *(26 18 36)*		
26 18 36 00-0002		Pad Mounted Metal Enclosed Oil Filled Switching Units *(26 18 36 00-0001)* Note: 15 KV - 25 KV.		
26 18 36 00-0003		Sectionalizing Tapping And Fusing Underground Feeders *(26 18 36 00-0002)* Note: 200 Amp replaceable bushing wells recessed locking assembly oil level and oil fill plugs.		
26 18 36 00-0004	EA	3 Phase, 1 Switch Up And 2 Switch Downstream Tapping And Fusing Underground	85,116.02	891.61
26 18 36 00-0005	EA	3 Phase, 1 Fuse Up And 2 Switch Downstream Tapping And Fusing Underground	91,816.55	891.61
26 18 36 00-0006	EA	3 Phase, 2 Switch Up And 2 Switch Downstream Tapping And Fusing Underground	95,780.86	891.61
26 18 36 00-0007	EA	3 Phase, 2 Fuses Up And 2 Switch Downstream Tapping And Fusing Underground	105,375.51	891.61
26 19		**High-Voltage Circuit Protection** *(26 10)*		
26 19 18		**Protection Devices** *(26 19)*		
26 19 18 00-0001		Primary Fuse Cutouts *(26 19 18)* Note: Interrupting rating RMS, amperes - 25,000 symmetric and 40,000 asymmetric.		
26 19 18 00-0002		Non-Loadbreak Current Limiting Primary Fuse Cutouts *(26 19 18 00-0001)* Note: Includes the fuse and cut-out switch.		
26 19 18 00-0003		8.3 KV-95 KV-BIL Non-Loadbreak Current Limiting *(26 19 18 00-0002)*		
26 19 18 00-0004	EA	15 A Primary Fuse Cutout 8.3 KV - 95 KV Non-Loadbreak Current Limiting	736.10	323.99
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*155.51*	
26 19 18 00-0005	EA	25 A Primary Fuse Cutout 8.3 KV - 95 KV Non-Loadbreak Current Limiting	865.70	323.99
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*194.39*	
26 19 18 00-0006	EA	40 A Primary Fuse Cutout 8.3 KV - 95 KV Non-Loadbreak Current Limiting	994.86	323.99
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*233.14*	
26 19 18 00-0007	EA	100 A Primary Fuse Cutout 8.3 KV - 95 KV Non-Loadbreak Current Limiting	1,015.62	323.99
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*233.28*	
26 19 18 00-0008	EA	200 A Primary Fuse Cutout 8.3 KV - 95 KV Non-Loadbreak Current Limiting	1,015.62	323.99
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*233.28*	
26 19 18 00-0009		17.1 KV-95 KV-BIL Non-Loadbreak Current Limiting *(26 19 18 00-0002)*		
26 19 18 00-0010	EA	15 A Primary Fuse Cutout 17.1 KV - 95 KV Non-Loadbreak Current Limiting	736.10	259.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*155.51*	
26 19 18 00-0011		17.1 KV-125 KV-BIL Non-Loadbreak Current Limiting *(26 19 18 00-0002)*		
26 19 18 00-0012	EA	15 A Primary Fuse Cutout 17.1 KV - 125 KV Non-Loadbreak Current Limiting	763.57	259.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*155.51*	
26 19 18 00-0013		Fuseholders *(26 19 18 00-0002)* Note: Including current limiting fuse.		
26 19 18 00-0014	EA	15 A 8.3 KV Primary Fuseholder With Fuse Non-Loadbreak Current Limiting	620.38	323.99
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*155.51*	
26 19 18 00-0015	EA	25 A 8.3 KV Primary Fuseholder With Fuse Non-Loadbreak Current Limiting	749.98	323.99
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*194.39*	
26 19 18 00-0016	EA	40 A 8.3 KV Primary Fuseholder With Fuse Non-Loadbreak Current Limiting	879.14	323.99
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*233.14*	
26 19 18 00-0017	EA	100 A 8.3 KV Primary Fuseholder With Fuse Non-Loadbreak Current Limiting	629.88	323.99
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*155.51*	
26 19 18 00-0018	EA	200 A 8.3 KV Primary Fuseholder With Fuse Non-Loadbreak Current Limiting	759.48	323.99
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*194.39*	
26 19 18 00-0019	EA	15 A 17.1 KV Primary Fuseholder With Fuse Non-Loadbreak Current Limiting	620.38	259.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*155.51*	
26 19 18 00-0020		Accessories *(26 19 18 00-0002)*		
26 19 18 00-0021	EA	Hot Line Clamp	93.13	29.16
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.44*	
26 19 18 00-0022	EA	Stirrup	101.85	29.16
26 19 18 00-0023		Loadbreak Current Limiting Primary Fuse Cutouts *(26 19 18 00-0001)* Note: Includes fuse, cutout switch, crossarm mounting bracket and fuse holder.		
26 19 18 00-0024		8.3 KV-95 KV BIL Loadbreak Current Limiting *(26 19 18 00-0023)*		
26 19 18 00-0025	EA	15 A Primary Fuse Cutout 8.3 KV - 95 KV Loadbreak Current Limiting	949.91	323.99
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*155.51*	
26 19 18 00-0026	EA	25 A Primary Fuse Cutout 8.3 KV - 95 KV Loadbreak Current Limiting	1,079.51	323.99
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*194.39*	
26 19 18 00-0027	EA	40 A Primary Fuse Cutout 8.3 KV - 95 KV Loadbreak Current Limiting	1,208.67	323.99
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*233.14*	
26 19 18 00-0028	EA	100 A Primary Fuse Cutout 8.3 KV - 95 KV Loadbreak Current Limiting	1,249.35	323.99
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*233.28*	
26 19 18 00-0029	EA	200 A Primary Fuse Cutout 8.3 KV - 95 KV Loadbreak Current Limiting	1,249.35	323.99
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*233.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 19 18 00-0030		17.1 KV-95 KV BIL Loadbreak Current Limiting *(26 19 18 00-0023)*		
26 19 18 00-0031	EA	15 A Primary Fuse Cutout 17.1 KV - 95 KV Loadbreak Current Limiting	949.91	259.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*155.51*	
26 19 18 00-0032		17.1 KV-125 KV BIL Loadbreak Current Limiting *(26 19 18 00-0023)*		
26 19 18 00-0033	EA	15 A Primary Fuse Cutout 17.1 KV - 125 KV Loadbreak Current Limiting	949.91	259.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*155.51*	
26 19 18 00-0034		Fuseholders *(26 19 18 00-0023)*		
		Note: Includes current limiting fuses.		
26 19 18 00-0035	EA	15 Amperes, 8.3 KV Primary Fuseholder With Fuse Loadbreak Current Limiting	630.18	323.99
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*155.51*	
26 19 18 00-0036	EA	25 Amperes, 8.3 KV Primary Fuseholder With Fuse Loadbreak Current Limiting	759.78	323.99
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*194.39*	
26 19 18 00-0037	EA	40 Amperes, 8.3 KV Primary Fuseholder With Fuse Loadbreak Current Limiting	888.94	323.99
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*233.14*	
26 19 18 00-0038	EA	15 Amperes, 17.1 KV Primary Fuseholder With Fuse Loadbreak Current Limiting	630.18	323.99
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*155.51*	
26 19 18 00-0039		Pole Mounted Capacitors *(26 19 18 00-0023)*		
26 19 18 00-0040	EA	Capacitors - Pole Mounted 6 KVAR	1,741.13	261.26
26 19 80		**Transmission and Distribution Accessories** *(26 19)*		
26 19 80 60		**Structure Assemblies** *(26 19 80)*		
26 19 80 60-0001		Pole Structure Assemblies *(26 19 80 60)*		
26 19 80 60-0002		5 KV Pole Structure Assemblies *(26 19 80 60-0001)*		
		Note: Includes insulator with pin, bayonet, bolts, washers, and neutral wire brackets.		
26 19 80 60-0003	EA	Type OH-1, Single Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	532.19	246.24
26 19 80 60-0004	EA	Type OH-2, Single Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	889.00	414.71
26 19 80 60-0005	EA	Type OH-3, Single Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,032.46	323.99
26 19 80 60-0006	EA	Type OH-4, Single Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	592.94	168.47
26 19 80 60-0007	EA	Type OH-5, Single Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	749.22	233.27
26 19 80 60-0008	EA	Type OH-6, Single Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,302.30	466.55
26 19 80 60-0009	EA	Type OH-7, Three Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,024.26	349.91
26 19 80 60-0010	EA	Type OH-8, Three Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,862.44	699.81
26 19 80 60-0011	EA	Type OH-9, Three Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	2,118.18	790.53
26 19 80 60-0012	EA	Type OH-10, Three Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,162.04	388.78
26 19 80 60-0013	EA	Type OH-11, Three Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	975.31	414.71
26 19 80 60-0014	EA	Type OH-12, Three Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,823.05	842.37
26 19 80 60-0015	EA	Type OH-13, Three Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,407.94	505.43
26 19 80 60-0016	EA	Type OH-14, Three Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	872.98	362.87
26 19 80 60-0017	EA	Type OH-15, Three Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,632.40	738.70
26 19 80 60-0018	EA	Type OH-16, Three Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,301.11	375.83
26 19 80 60-0019		15 KV Pole Structure Assemblies *(26 19 80 60-0001)*		
		Note: Includes insulator with pin, bayonet, bolts, washers, and neutral wire brackets.		
26 19 80 60-0020	EA	Type OH-1, Single Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	559.65	246.24
26 19 80 60-0021	EA	Type OH-2, Single Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	928.23	414.71
26 19 80 60-0022	EA	Type OH-3, Single Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,165.84	323.99
26 19 80 60-0023	EA	Type OH-4, Single Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	640.01	168.47
26 19 80 60-0024	EA	Type OH-5, Single Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	815.91	220.31
26 19 80 60-0025	EA	Type OH-6, Single Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,435.68	466.55
26 19 80 60-0026	EA	Type OH-7, Three Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,122.34	349.91
26 19 80 60-0027	EA	Type OH-8, Three Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	2,062.51	699.81
26 19 80 60-0028	EA	Type OH-9, Three Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	2,388.86	790.53
26 19 80 60-0029	EA	Type OH-10, Three Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,295.42	388.78
26 19 80 60-0030	EA	Type OH-11, Three Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,026.30	414.71
26 19 80 60-0031	EA	Type OH-12, Three Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,874.04	842.37
26 19 80 60-0032	EA	Type OH-13, Three Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,509.94	505.43
26 19 80 60-0033	EA	Type OH-14, Three Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	923.97	349.91
26 19 80 60-0034	EA	Type OH-15, Three Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,683.39	738.70
26 19 80 60-0035	EA	Type OH-16, Three Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,403.11	453.59
26 19 80 60-0036		25 KV Pole Structure Assemblies *(26 19 80 60-0001)*		
		Note: Includes insulator with pin, bayonet, bolts, washers, and neutral wire brackets.		
26 19 80 60-0037	EA	Type OH-3, Single Phase, 25 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,762.25	388.78
26 19 80 60-0038	EA	Type OH-4, Single Phase, 25 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,085.28	194.40
26 19 80 60-0039	EA	Type OH-5, Single Phase, 25 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,572.39	298.07
26 19 80 60-0040	EA	Type OH-6, Single Phase, 25 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	2,036.10	609.10
26 19 80 60-0041	EA	Type OH-7, Three Phase, 25 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,960.81	453.59
26 19 80 60-0042	EA	Type OH-8, Three Phase, 25 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	3,138.50	894.21

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 19 80 60-0043	EA	Type OH-9, Three Phase, 25 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	2,970.60	1,010.85
26 19 80 60-0044	EA	Type OH-13, Three Phase, 25 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	2,098.87	589.66
26 19 80 60-0045	EA	Type OH-16, Three Phase, 25 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,821.29	589.66
26 19 80 60-0046		50 KV Pole Structure Assemblies *(26 19 80 60-0001)*		
		Note: Includes insulator with pin, bayonet, bolts, washers, and neutral wire brackets.		
26 19 80 60-0047	EA	Type OH-3, Single Phase, 50 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	2,367.33	531.34
26 19 80 60-0048	EA	Type OH-4, Single Phase, 50 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,291.32	272.15
26 19 80 60-0049	EA	Type OH-5, Single Phase, 50 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,621.10	427.66
26 19 80 60-0050	EA	Type OH-6, Single Phase, 50 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	3,038.22	868.30
26 19 80 60-0051	EA	Type OH-7, Three Phase, 50 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	2,331.63	647.98
26 19 80 60-0052	EA	Type OH-8, Three Phase, 50 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	4,471.03	1,295.96
26 19 80 60-0053	EA	Type OH-9, Three Phase, 50 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	5,304.30	1,438.51
26 19 80 60-0054	EA	Type OH-10, Three Phase, 50 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	2,709.80	699.81
26 19 80 60-0055	EA	Type OH-13, Three Phase, 50 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	2,714.46	809.97
26 19 80 60-0056	EA	Type OH-16, Three Phase, 50 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	2,619.17	764.62
26 19 80 60-0057		Overhead To Underground Conversion Structures *(26 19 80 60)*		
		Note: Includes insulator with pin, bolts, washers, crossarms, fused cut out, arrestors, ground rods, clamps, conduit, molding, cable termination and neutral wire brackets. Excludes pole.		
26 19 80 60-0058		5 KV Structures *(26 19 80 60-0057)*		
		Note: Excludes pole.		
26 19 80 60-0059	EA	(3 Wire Dead End), 5 KV, Overhead To Underground Conversion Structures, Without Poles	5,548.37	2,591.92
26 19 80 60-0060	EA	(3 Wire Tangent), 5 KV, Overhead To Underground Conversion Structures, Without Poles	5,548.37	2,591.92
26 19 80 60-0061	EA	(4 Wire Tangent), 5 KV, Overhead To Underground Conversion Structures, Without Poles	5,548.37	2,591.92
26 19 80 60-0062	EA	(4 Wire Dead End), 5 KV, Overhead To Underground Conversion Structures, Without Poles	5,548.37	2,591.92
26 19 80 60-0063		15 KV Structures *(26 19 80 60-0057)*		
		Note: Excludes pole.		
26 19 80 60-0064	EA	(3 Wire Dead End), 15 KV, Overhead To Underground Conversion Structures, Without Poles	5,732.96	2,591.92
26 19 80 60-0065	EA	(3 Wire Tangent), 15 KV, Overhead To Underground Conversion Structures, Without Poles	5,732.96	2,591.92
26 19 80 60-0066	EA	(4 Wire Tangent), 15 KV, Overhead To Underground Conversion Structures, Without Poles	5,732.96	2,591.92
26 19 80 60-0067	EA	(4 Wire Dead End), 15 KV, Overhead To Underground Conversion Structures, Without Poles	5,732.96	2,591.92
26 19 80 60-0068		25 KV Structures *(26 19 80 60-0057)*		
		Note: Excludes pole.		
26 19 80 60-0069	EA	(3 Wire Dead End), 25 KV, Overhead To Underground Conversion Structures, Without Poles	5,934.32	2,591.92
26 19 80 60-0070	EA	(3 Wire Tangent), 25 KV, Overhead To Underground Conversion Structures, Without Poles	5,934.32	2,591.92
26 19 80 60-0071	EA	(4 Wire Tangent), 25 KV, Overhead To Underground Conversion Structures, Without Poles	5,934.32	2,591.92
26 19 80 60-0072	EA	(4 Wire Dead End), 25 KV, Overhead To Underground Conversion Structures, Without Poles	5,934.32	2,591.92
26 19 80 60-0073		Transformer Stations *(26 19 80 60)*		
		Note: Includes insulator with pin, bolts, washers, crossarms, fused cut out, arrestors, ground rods, clamps, conduit, molding, cable termination, neutral wire brackets and transformer mounting bracket(s). Excludes pole and transformer.		
26 19 80 60-0074		5 KV Station *(26 19 80 60-0073)*		
26 19 80 60-0075	EA	(Single Transformer, 1 Phase, 4 Wire Tangent), 5 KV Transformer Station Without Pole	9,022.37	3,455.02
26 19 80 60-0076	EA	(Double Transformer, 1 Phase, 3 Wire Tangent), 5 KV Transformer Station Without Pole	10,111.25	3,887.87
26 19 80 60-0077	EA	(Triple Transformer, 3 Phase, 4 Wire Tangent), 5 KV Transformer Station Without Pole	11,200.15	4,319.43
26 19 80 60-0078	EA	(Triple Transformer, 3 Phase, 4 Wire Dead End), 5 KV Transformer Station Without Pole	11,200.15	4,319.43
26 19 80 60-0079	EA	(Single Transformer, 1 Phase, 2 Wire Tangent), 5 KV Transformer Station Without Pole	9,022.37	3,455.02
26 19 80 60-0080		15 KV Stations *(26 19 80 60-0073)*		
26 19 80 60-0081	EA	(Single Transformer, 1 Phase, 4 Wire Tangent), 15 KV Transformer Station Without Pole	9,307.66	3,454.05
26 19 80 60-0082	EA	(Double Transformer, 1 Phase, 3 Wire Tangent), 15 KV Transformer Station Without Pole	10,396.55	3,887.87
26 19 80 60-0083	EA	(Triple Transformer, 3 Phase, 4 Wire Tangent), 15 KV Transformer Station Without Pole	11,485.45	4,319.43
26 19 80 60-0084	EA	(Triple Transformer, 3 Phase, 4 Wire Dead End), 15 KV Transformer Station Without Pole	11,485.45	4,319.43
26 19 80 60-0085	EA	(Single Transformer, 1 Phase, 2 Wire Tangent), 15 KV Transformer Station Without Pole	9,307.66	3,455.02
26 19 80 60-0086		25 KV Stations *(26 19 80 60-0073)*		
26 19 80 60-0087	EA	(Single Transformer, 1 Phase, 4 Wire Tangent), 25 KV Transformer Station Without Pole	9,618.90	3,455.02
26 19 80 60-0088	EA	(Double Transformer, 1 Phase, 3 Wire Tangent), 25 KV Transformer Station Without Pole	10,707.78	3,887.87
26 19 80 60-0089	EA	(Triple Transformer, 3 Phase, 4 Wire Tangent), 25 KV Transformer Station Without Pole	11,796.68	4,319.43
26 19 80 60-0090	EA	(Triple Transformer, 3 Phase, 4 Wire Dead End), 25 KV Transformer Station Without Pole	11,796.68	4,319.43
26 19 80 60-0091	EA	(Single Transformer, 1 Phase, 2 Wire Tangent), 25 KV Transformer Station Without Pole	9,618.90	3,455.02

26 20 Low-Voltage Electrical Distribution *(26)*

26 21 Low-Voltage Electrical Service Entrance *(26 20)*

See CSI section 26 05 13 00-0000 for wire and cables.

26 21 13 Low-Voltage Overhead Electrical Service Entrance *(26 21)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 21 13 00-0001		**Service Drop Cable And Weatherheads** *(26 21 13)*		
26 21 13 00-0002		**600 Volt Insulated Stranded Conductors** *(26 21 13 00-0001)*		
26 21 13 00-0003		**Aluminum Duplex ACSR Neutral** *(26 21 13 00-0002)*		
26 21 13 00-0004	LF	#6 AWG, 600 Volt, Aluminum Duplex ACSR With Neutral Cable Service Drop, Stranded Cable	9.01	3.08
26 21 13 00-0005	LF	#4 AWG, 600 Volt, Aluminum Duplex ACSR With Neutral Cable Service Drop, Stranded Cable	11.11	3.65
26 21 13 00-0006	LF	#2 AWG, 600 Volt, Aluminum Duplex ACSR With Neutral Cable Service Drop, Stranded Cable	13.76	4.12
26 21 13 00-0007	LF	1/0 AWG, 600 Volt, Aluminum Duplex ACSR With Neutral Cable Service Drop, Stranded Cable	19.38	5.19
26 21 13 00-0008		**Aluminum Triplex ACSR Neutral** *(26 21 13 00-0002)*		
26 21 13 00-0009	LF	#6 AWG, 600 Volt, Aluminum Triplex ACSR With Neutral Cable Service Drop, Stranded Cable	11.41	3.65
26 21 13 00-0010	LF	#4 AWG, 600 Volt, Aluminum Triplex ACSR With Neutral Cable Service Drop, Stranded Cable	13.37	4.12
26 21 13 00-0011	LF	#2 AWG, 600 Volt, Aluminum Triplex ACSR With Neutral Cable Service Drop, Stranded Cable	17.10	5.19
26 21 13 00-0012	LF	1/0 AWG, 600 Volt, Aluminum Triplex ACSR With Neutral Cable Service Drop, Stranded Cable	22.10	6.32
26 21 13 00-0013	LF	2/0 AWG, 600 Volt, Aluminum Triplex ACSR With Neutral Cable Service Drop, Stranded Cable	28.42	8.36
26 21 13 00-0014	LF	4/0 AWG, 600 Volt, Aluminum Triplex ACSR With Neutral Cable Service Drop, Stranded Cable	37.29	10.36
26 21 13 00-0015	LF	336 MCM, 600 Volt, Aluminum Triplex ACSR With Neutral Cable Service Drop, Stranded Cable	55.09	12.35
26 21 13 00-0016		**Aluminum Quadruplex ACSR Neutral** *(26 21 13 00-0002)*		
26 21 13 00-0017	LF	#6 AWG, 600 Volt, Aluminum Quadruplex ACSR With Neutral Cable Service Drop, Stranded Cable	13.44	4.12
26 21 13 00-0018	LF	#4 AWG, 600 Volt, Aluminum Quadruplex ACSR With Neutral Cable Service Drop, Stranded Cable	17.09	5.19
26 21 13 00-0019	LF	#2 AWG, 600 Volt, Aluminum Quadruplex ACSR With Neutral Cable Service Drop, Stranded Cable	22.24	6.65
26 21 13 00-0020	LF	1/0 AWG, 600 Volt, Aluminum Quadruplex ACSR With Neutral Cable Service Drop, Stranded Cable	30.22	8.36
26 21 13 00-0021	LF	2/0 AWG, 600 Volt, Aluminum Quadruplex ACSR With Neutral Cable Service Drop, Stranded Cable	33.83	9.26
26 21 13 00-0022	LF	3/0 AWG, 600 Volt, Aluminum Quadruplex ACSR With Neutral Cable Service Drop, Stranded Cable	40.29	10.36
26 21 13 00-0023	LF	4/0 AWG, 600 Volt, Aluminum Quadruplex ACSR With Neutral Cable Service Drop, Stranded Cable	46.89	12.35
26 21 13 00-0024	LF	336 MCM, 600 Volt, Aluminum Quadruplex ACSR With Neutral Cable Service Drop, Stranded Cable	64.80	13.64
26 21 13 00-0025		**Weatherproof Conduit Hubs** *(26 21 13 00-0002)*		
26 21 13 00-0026	EA	1/2" Weatherproof Conduit Hubs	53.87	20.40
26 21 13 00-0027	EA	3/4" Weatherproof Conduit Hubs	61.47	23.18
26 21 13 00-0028	EA	1" Weatherproof Conduit Hubs	71.52	25.96
26 21 13 00-0029	EA	1-1/4" Weatherproof Conduit Hubs	99.92	34.77
26 21 13 00-0030	EA	1-1/2" Weatherproof Conduit Hubs	109.98	37.56
26 21 13 00-0031	EA	2" Weatherproof Conduit Hubs	142.70	43.58
26 21 13 00-0032	EA	2-1/2" Weatherproof Conduit Hubs	188.40	49.14
26 21 13 00-0033	EA	3" Weatherproof Conduit Hubs	243.99	57.95
26 21 13 00-0034	EA	4" Weatherproof Conduit Hubs	430.52	115.91
26 21 13 00-0035		**Service Entrance Cap, Threaded Weatherhead, Galvanized** *(26 21 13 00-0002)*		
26 21 13 00-0036	EA	1/2" Galvanized Threaded Service Entrance Weatherhead Cap For #14 Through #10 AWG Cable Service	60.00	20.40
26 21 13 00-0037	EA	3/4" Galvanized Threaded Service Entrance Weatherhead Cap For #12 Through #8 AWG Cable Service	68.80	23.18
26 21 13 00-0038	EA	1" Galvanized Threaded Service Entrance Weatherhead Cap For #6 AWG Cable Service	78.76	25.96
26 21 13 00-0039	EA	1-1/4" Galvanized Threaded Service Entrance Weatherhead Cap For #4 Through #2 AWG Cable Service	105.83	34.77
26 21 13 00-0040	EA	1-1/2" Galvanized Threaded Service Entrance Weatherhead Cap For #4 Through #2 AWG Cable Service	119.63	37.56
26 21 13 00-0041	EA	2" Galvanized Threaded Service Entrance Weatherhead Cap For 1/0 Through 2/0 AWG Cable Service	157.05	43.58
26 21 13 00-0042	EA	2-1/2" Galvanized Threaded Service Entrance Weatherhead Cap For 3/0 Through 4/0 Cable Service	263.63	49.14
26 21 13 00-0043	EA	3" Galvanized Threaded Service Entrance Weatherhead Cap For 250 Through 350 MCM Cable Service	300.15	57.95
26 21 13 00-0044	EA	4" Galvanized Threaded Service Entrance Weatherhead Cap For 600 Through 750 MCM Cable Service	494.02	115.91
26 21 13 00-0045		**Service Entrance Cap, Clamp-On Weatherhead, Aluminum** *(26 21 13 00-0002)*		
26 21 13 00-0046	EA	1/2" Aluminum Clamp-On Service Entrance Weatherhead Cap For #14 To #12 AWG Cable Service	58.03	20.40
26 21 13 00-0047	EA	3/4" Aluminum Clamp-On Service Entrance Weatherhead Cap For #10 To #8 AWG Cable Service	65.50	23.18
26 21 13 00-0048	EA	1" Aluminum Clamp-On Service Entrance Weatherhead Cap For #6 AWG Cable Service	74.30	25.85
26 21 13 00-0049	EA	1-1/4" Aluminum Clamp-On Service Entrance Weatherhead Cap For #4 To #2 AWG Cable Service	98.77	34.77
26 21 13 00-0050	EA	1-1/2" Aluminum Clamp-On Service Entrance Weatherhead Cap For #4 To #2 AWG Cable Service	110.09	37.56
26 21 13 00-0051	EA	2" Aluminum Clamp-On Service Entrance Weatherhead Cap For 1/0 To 2/0 AWG Cable Service	129.80	43.58
26 21 13 00-0052	EA	2-1/2" Aluminum Clamp-On Service Entrance Weatherhead Cap For 3/0 To 4/0 Cable Service	212.50	49.14
26 21 13 00-0053	EA	3" Aluminum Clamp-On Service Entrance Weatherhead Cap For 250 To 350 MCM Cable Service	274.44	57.95
26 21 13 00-0054	EA	3-1/2" Aluminum Clamp-On Service Entrance Weatherhead Cap For 400 To 500 MCM Cable Service	386.51	86.93
26 21 13 00-0055	EA	4" Aluminum Clamp-On Service Entrance Weatherhead Cap For 600 To 750 MCM Cable Service	463.42	115.91
26 21 13 00-0056		**Service Entrance Cap, Threaded Weatherhead, Polyvinyl Chloride (PVC)** *(26 21 13 00-0002)*		
26 21 13 00-0057	EA	1/2" Polyvinyl Chloride (PVC) Threaded Service Entrance Weatherhead Cap For #14 To #12 AWG Cable Service	56.33	20.40
26 21 13 00-0058	EA	3/4" Polyvinyl Chloride (PVC) Threaded Service Entrance Weatherhead Cap For #10 To #8 AWG Cable Service	64.48	23.18
26 21 13 00-0059	EA	1" Polyvinyl Chloride (PVC) Threaded Service Entrance Weatherhead Cap For #6 AWG Cable Service	73.31	25.85
26 21 13 00-0060	EA	1-1/4" Polyvinyl Chloride (PVC) Threaded Service Entrance Weatherhead Cap For #4 To #2 AWG Cable Service	97.62	34.77
26 21 13 00-0061	EA	1-1/2" Polyvinyl Chloride (PVC) Threaded Service Entrance Weatherhead Cap For #4 To #2 AWG Cable Service	106.39	37.56
26 21 13 00-0062	EA	2" Polyvinyl Chloride (PVC) Threaded Service Entrance Weatherhead Cap For 1/0 To 2/0 AWG Cable Service	131.06	43.58
26 21 13 00-0063	EA	2-1/2" Polyvinyl Chloride (PVC) Threaded Service Entrance Weatherhead Cap For 3/0 To 4/0 Cable Service	224.64	49.14
26 21 13 00-0064	EA	3" Polyvinyl Chloride (PVC) Threaded Service Entrance Weatherhead Cap For 250 To 350 MCM Cable Service	251.06	57.95

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 21 13 00-0065	EA	3-1/2" Polyvinyl Chloride (PVC) Threaded Service Entrance Weatherhead Cap For 400 To 500 MCM Cable Service	434.37	86.93
26 21 13 00-0066	EA	4" Polyvinyl Chloride (PVC) Threaded Service Entrance Weatherhead Cap For 600 To 750 MCM Cable Service	602.65	115.91

26 21 16 Low-Voltage Underground Electrical Service Entrance *(26 21)*

26 21 16 00-0001 Aluminum Triplex For Underground Service, Direct Burial *(26 21 16)*
Note: Excludes excavation and backfill.

26 21 16 00-0002	MLF	#6 AWG, 600 Volt, Aluminum Triplex URD With Neutral Cable, Stranded Cable, Direct Burial	5,618.09	1,151.98
26 21 16 00-0003	MLF	#4 AWG, 600 Volt, Aluminum Triplex URD With Neutral Cable, Stranded Cable, Direct Burial	6,688.70	1,219.76
26 21 16 00-0004	MLF	#2 AWG, 600 Volt, Aluminum Triplex URD With Neutral Cable, Stranded Cable, Direct Burial	8,286.63	1,295.96
26 21 16 00-0005	MLF	1/0 AWG, 600 Volt, Aluminum Triplex URD With Neutral Cable, Stranded Cable, Direct Burial	10,449.22	1,295.96
26 21 16 00-0006	MLF	2/0 AWG, 600 Volt, Aluminum Triplex URD With Neutral Cable, Stranded Cable, Direct Burial	11,788.71	1,382.40
26 21 16 00-0007	MLF	3/0 AWG, 600 Volt, Aluminum Triplex URD With Neutral Cable, Stranded Cable, Direct Burial	14,129.34	1,595.07
26 21 16 00-0008	MLF	4/0 AWG, 600 Volt, Aluminum Triplex URD With Neutral Cable, Stranded Cable, Direct Burial	17,010.17	2,073.54

26 22 Low-Voltage Transformers *(26 20)*

26 22 13 Low-Voltage Distribution Transformers *(26 22)*

26 22 13 00-0001 Single Phase General Purpose "Dry Type" Transformers *(26 22 13)*
Note: 60 HZ type EP and EPT 115 C rise, 185 C insulation, type DT-3 and DS-3 150 C rise, 220 C insulation. Indoor Use. Wall mounted for up to 10 KVA, floor mounted for 15 KVA and larger. DT-3 and DS-3 use weathershields for outdoor placement. UL listed.

26 22 13 00-0002 480 Volt, 120/240 Volt, General Purpose Dry Type Transformers *(26 22 13 00-0001)*
Note: 2-2.5 Percent taps above and 4-2.5 percent taps below.

26 22 13 00-0003	EA	1 KVA, 480 Volt - 120/240 Volt Transformer, Dry, 1 Phase, 60 Hertz, General Purpose	1,594.72	297.14
26 22 13 00-0004	EA	3 KVA, 480 Volt - 120/240 Volt Transformer, Dry, 1 Phase, 60 Hertz, General Purpose	2,236.18	356.57
26 22 13 00-0005	EA	5 KVA, 480 Volt - 120/240 Volt Transformer, Dry, 1 Phase, 60 Hertz, General Purpose	2,920.94	372.03
26 22 13 00-0006	EA	7.5 KVA, 480 Volt - 120/240 Volt Transformer, Dry, 1 Phase, 60 Hertz, General Purpose	3,611.95	386.29
26 22 13 00-0007	EA	10 KVA, 480 Volt - 120/240 Volt Transformer, Dry, 1 Phase, 60 Hertz, General Purpose	5,282.65	416.00
26 22 13 00-0008	EA	15 KVA, 480 Volt - 120/240 Volt Transformer, Dry, 1 Phase, 60 Hertz, General Purpose	6,355.01	445.72
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*273.18*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*409.77*	
26 22 13 00-0009	EA	25 KVA, 480 Volt - 120/240 Volt Transformer, Dry, 1 Phase, 60 Hertz, General Purpose	6,981.26	475.43
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*301.52*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*452.28*	
26 22 13 00-0010	EA	37.5 KVA, 480 Volt - 120/240 Volt Transformer, Dry, 1 Phase, 60 Hertz, General Purpose	6,691.27	534.86
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*281.08*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*421.62*	
26 22 13 00-0011	EA	50 KVA, 480 Volt - 120/240 Volt Transformer, Dry, 1 Phase, 60 Hertz, General Purpose	8,028.96	594.29
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*342.02*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*513.03*	
26 22 13 00-0012	EA	75 KVA, 480 Volt - 120/240 Volt Transformer, Dry, 1 Phase, 60 Hertz, General Purpose	10,698.52	713.15
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*463.61*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*695.42*	
26 22 13 00-0013	EA	100 KVA, 480 Volt - 120/240 Volt Transformer, Dry, 1 Phase, 60 Hertz, General Purpose	13,656.26	832.01
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*599.61*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*899.42*	
26 22 13 00-0014	EA	167 KVA, 480 Volt - 120/240 Volt Transformer, Dry, 1 Phase, 60 Hertz, General Purpose	22,030.84	1,069.72
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*994.57*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*1,491.86*	
26 22 13 00-0015	EA	250 KVA, 480 Volt - 120/240 Volt Transformer, Dry, 1 Phase, 60 Hertz, General Purpose	40,350.80	1,307.44
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*1,886.80*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*2,830.19*	
26 22 13 00-0016	EA	333 KVA, 480 Volt - 120/240 Volt Transformer, Dry, 1 Phase, 60 Hertz, General Purpose	63,852.77	1,485.72
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*3,044.07*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*4,566.10*	

26 22 13 00-0017 240 x 480 Volt, 120/240 Volt, General Purpose Dry Type Transformers *(26 22 13 00-0001)*
Note: 1-10 Percent x 2-5 percent FCBN taps.

26 22 13 00-0018	EA	3 KVA, 240 x 480 Volt - 120/240 Volt Transformer, 1 Phase, 60 Hertz, General Purpose, Dry	1,770.60	356.57
26 22 13 00-0019	EA	5 KVA, 240 x 480 Volt - 120/240 Volt Transformer, 1 Phase, 60 Hertz, General Purpose, Dry	2,174.88	371.43
26 22 13 00-0020	EA	7.5 KVA, 240 x 480 Volt - 120/240 Volt Transformer, 1 Phase, 60 Hertz, General Purpose, Dry	2,777.98	386.29
26 22 13 00-0021	EA	10 KVA, 240 x 480 Volt - 120/240 Volt Transformer, 1 Phase, 60 Hertz, General Purpose, Dry	3,321.53	416.00

26 22 13 00-0022 240 x 480 Volt, 120/240 Volt, General Purpose Dry Type Transformers *(26 22 13 00-0001)*
Note: 2-5 Percent x 4 - 2.5 percent FCBN taps.

26 22 13 00-0023	EA	15 KVA, 240 x 480 Volt - 120/240 Volt Transformer, 1 Phase, 60 Hertz, General Purpose, Dry	6,628.18	445.72
26 22 13 00-0024	EA	25 KVA, 240 x 480 Volt - 120/240 Volt Transformer, 1 Phase, 60 Hertz, General Purpose, Dry	7,282.78	475.43

26 22 13 00-0025 1 Phase Mounting Brackets *(26 22 13 00-0001)*

26 22 13 00-0026	EA	1 Phase Mounting Brackets (Set Of 2) For Transformers Up To 100 KVA	597.41	211.77

26 22 13 00-0027 1 Phase Weathershields *(26 22 13 00-0001)*
Note: Use with types DT-3 and DS-3.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 22 13 00-0028	EA	37.5 KVA 1 Phase Weathershields, Set Of 2	196.81	
26 22 13 00-0029	EA	50 KVA 1 Phase Weathershields, Set Of 2	250.87	
26 22 13 00-0030	EA	75 KVA 1 Phase Weathershields, Set Of 2	299.16	
26 22 13 00-0031	EA	100 KVA 1 Phase Weathershields, Set Of 2	356.89	
26 22 13 00-0032	EA	167 KVA 1 Phase Weathershields, Set Of 2	482.85	
26 22 13 00-0033	EA	250 KVA 1 Phase Weathershields, Set Of 2	577.32	
26 22 13 00-0034	EA	333 KVA 1 Phase Weathershields, Set Of 2	708.53	
26 22 13 00-0035		**Packaged Power Supply** *(26 22 13 00-0001)*		
		Note: 2-5 Percent FCBN taps.		
26 22 13 00-0036	EA	5 KVA, 480 Volt - 120/240 Volt, Transformer With 6 - 1 Pole / 3 - 2 Pole Max 20 Amperes Breakers	3,636.35	371.43
26 22 13 00-0037	EA	7.5 KVA, 480 Volt - 120/240 Volt, Transformer With 8 - 1 Pole / 4 - 2 Pole Max 30 Amperes Breakers	4,155.89	386.29
26 22 13 00-0038	EA	10 KVA, 480 Volt - 120/240 Volt, Transformer With 10 - 1 Pole / 5 - 2 Pole Max 40 Amperes Breakers	4,507.09	416.00
26 22 13 00-0039	EA	15 KVA, 480 Volt - 120/240 Volt, Transformer With 16 - 1 Pole / 8 - 2 Pole Max 60 Amperes Breakers	5,661.27	445.72
26 22 13 00-0040	EA	25 KVA, 480 Volt - 120/240 Volt, Transformer With 24 - 1 Pole / 12 - 2 Pole Max 100 Amperes Breakers	8,065.47	475.43
26 22 13 00-0041		**240 Volt, 120/240 Volt, Single Phase Isolation Transformer Computer Grade** *(26 22 13 00-0001)*		
26 22 13 00-0042	EA	0.5 KVA, 1 Phase, 240 Volt - 120/240 Volt, Isolation Transformer	2,712.94	267.43
26 22 13 00-0043	EA	1 KVA, 1 Phase, 240 Volt - 120/240 Volt, Isolation Transformer	3,979.50	297.14
26 22 13 00-0044	EA	2.5 KVA, 1 Phase, 240 Volt - 120/240 Volt, Isolation Transformer	4,623.20	356.57
26 22 13 00-0045	EA	5 KVA, 1 Phase, 240 Volt - 120/240 Volt, Isolation Transformer	5,151.51	371.43
26 22 13 00-0046	EA	7.5 KVA, 1 Phase, 240 Volt - 120/240 Volt, Isolation Transformer	5,863.51	386.29
26 22 13 00-0047	EA	10 KVA, 1 Phase, 240 Volt - 120/240 Volt, Isolation Transformer	7,707.40	416.00
26 22 13 00-0048	EA	15 KVA, 1 Phase, 240 Volt - 120/240 Volt, Isolation Transformer	10,170.58	445.72
26 22 13 00-0049		**1 Phase, 208/600 Volt, Dry General Purpose Transformer** *(26 22 13 00-0001)*		
26 22 13 00-0050	EA	15 KVA, 208/600 Volt, Transformer, 1 Phase, 60 Hertz, General Purpose, Dry	12,702.11	445.72
26 22 13 00-0051	EA	25 KVA, 208/600 Volt, Transformer, 1 Phase, 60 Hertz, General Purpose, Dry	13,153.01	475.43
26 22 13 00-0052	EA	30 KVA, 208/600 Volt, Transformer, 1 Phase, 60 Hertz, General Purpose, Dry	13,645.55	505.14
26 22 13 00-0053	EA	37.5 KVA, 208/600 Volt, Transformer, 1 Phase, 60 Hertz, General Purpose, Dry	18,234.93	534.86
26 22 13 00-0054	EA	45 KVA, 208/600 Volt, Transformer, 1 Phase, 60 Hertz, General Purpose, Dry	18,933.85	564.58
26 22 13 00-0055	EA	50 KVA, 208/600 Volt, Transformer, 1 Phase, 60 Hertz, General Purpose, Dry	25,523.65	594.29
26 22 13 00-0056		**3 Phase General Purpose "Dry Type" Transformer** *(26 22 13)*		
		Note: 60 HZ type EP and EPT 115 C rise, 185 C insulation, type DT-3 and DS-3 150 C rise, 220 C insulation. Indoor use. Wall mounted for up to 10 KVA, floor mounted for 15 KVA and larger. DT-3 and DS-3 use weathershields for outdoor placement. UL listed.		
26 22 13 00-0057		**Packaged Power Supply** *(26 22 13 00-0056)*		
		Note: 2-5 Percent FCBN taps.		
26 22 13 00-0058	EA	15 KVA, 480 Volt - 208/120 Volt, Transformer With 12 - 1 Pole / 4 - 3 Pole Max, 40 Amperes Breakers	16,424.54	1,277.73
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*693.46*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*1,040.18*	
26 22 13 00-0059	EA	22.5 KVA, 480 Volt - 208/120 Volt, Transformer With 18 - 1 Pole / 6 - 3 Pole Max, 60 Amperes Breakers	19,920.52	1,366.86
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*859.34*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*1,289.01*	
26 22 13 00-0060	EA	30 KVA, 480 Volt - 208/120 Volt, Transformer With 24 - 1 Pole / 8 - 3 Pole Max, 80 Amperes Breakers	24,059.40	1,485.72
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*1,054.40*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*1,581.60*	
26 22 13 00-0061		**Drive Isolation Transformers** *(26 22 13 00-0056)*		
		Note: Only use in step-up applications.		
26 22 13 00-0062		**230 Volt Drive Isolation Transformers** *(26 22 13 00-0061)*		
26 22 13 00-0063	EA	7.5 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	9,990.61	475.43
26 22 13 00-0064	EA	11 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	11,740.77	505.14
26 22 13 00-0065	EA	15 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	12,138.34	534.86
26 22 13 00-0066	EA	20 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	14,393.46	564.58
26 22 13 00-0067	EA	27 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	14,859.48	624.00
26 22 13 00-0068	EA	34 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	16,339.93	683.44
26 22 13 00-0069	EA	40 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	18,505.70	742.86
26 22 13 00-0070	EA	51 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	21,564.99	832.01
26 22 13 00-0071	EA	63 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	23,378.25	861.72
26 22 13 00-0072	EA	75 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	27,094.17	891.43
26 22 13 00-0073	EA	93 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	34,290.71	921.15
26 22 13 00-0074	EA	118 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	38,399.27	1,129.15
26 22 13 00-0075	EA	145 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	42,905.00	1,188.58
26 22 13 00-0076	EA	175 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	49,268.28	1,248.00
26 22 13 00-0077	EA	220 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	60,136.03	1,485.72
26 22 13 00-0078	EA	275 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	79,895.58	1,753.15
26 22 13 00-0079	EA	330 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	84,246.78	1,931.44
26 22 13 00-0080	EA	440 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	102,818.92	2,139.44
26 22 13 00-0081	EA	550 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	127,180.94	2,377.16
26 22 13 00-0082		**208V Drive Isolation Transformers** *(26 22 13 00-0061)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 22 13 00-0083	EA	7.5 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	10,450.73	475.43
26 22 13 00-0084	EA	11 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	12,286.95	505.14
26 22 13 00-0085	EA	15 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	12,701.74	534.86
26 22 13 00-0086	EA	20 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	15,068.62	564.58
26 22 13 00-0087	EA	27 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	15,552.30	624.00
26 22 13 00-0088	EA	30 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	17,042.64	653.71
26 22 13 00-0089	EA	45 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	19,431.45	772.57
26 22 13 00-0090	EA	51 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	22,577.95	832.01
26 22 13 00-0091	EA	63 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	24,480.49	861.72
26 22 13 00-0092	EA	75 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	28,382.52	891.43
26 22 13 00-0093	EA	93 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	35,942.34	921.15
26 22 13 00-0094	EA	118 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	40,238.85	1,129.15
26 22 13 00-0095	EA	145 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	44,967.87	1,188.58
26 22 13 00-0096	EA	175 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	51,648.99	1,248.00
26 22 13 00-0097	EA	220 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers	63,045.71	1,485.72

26 22 13 00-0098 480 Volt x 208Y/120 Volt, 2-2.5 Percent FCBN Taps *(26 22 13 00-0056)*

26 22 13 00-0099	EA	9 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry	6,870.79	490.29
26 22 13 00-0100	EA	15 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry	9,151.80	534.86
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*404.10*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*606.16*	

26 22 13 00-0101 480 Volt x 208Y/120 Volt, 2-2.5 Percent FCAN And 4-2.5 Percent FCBN Taps *(26 22 13 00-0056)*

26 22 13 00-0102	EA	30 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry	10,185.39	653.71
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*443.90*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*665.85*	
		For K4 Factor Rating, Add	*6,214.57*	
		For K13 Factor Rating, Add	*8,877.95*	
		For K20 Factor Rating, Add	*11,541.34*	
26 22 13 00-0103	EA	37.5 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry	12,399.93	713.15
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*548.68*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*823.02*	
		For K4 Factor Rating, Add	*7,681.55*	
		For K13 Factor Rating, Add	*10,973.64*	
		For K20 Factor Rating, Add	*14,265.73*	
26 22 13 00-0104	EA	45 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry	12,927.60	772.57
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*569.12*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*853.68*	
		For K4 Factor Rating, Add	*7,967.72*	
		For K13 Factor Rating, Add	*11,382.45*	
		For K20 Factor Rating, Add	*14,797.19*	
26 22 13 00-0105	EA	50 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry	17,221.30	832.01
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*777.86*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*1,166.80*	
		For K4 Factor Rating, Add	*10,890.10*	
		For K13 Factor Rating, Add	*15,557.29*	
		For K20 Factor Rating, Add	*20,224.48*	
26 22 13 00-0106	EA	75 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry	16,886.65	891.43
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*755.19*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*1,132.78*	
		For K4 Factor Rating, Add	*10,572.65*	
		For K13 Factor Rating, Add	*15,103.78*	
		For K20 Factor Rating, Add	*19,634.91*	
26 22 13 00-0107	EA	112.5 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry	21,073.79	1,069.72
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*946.72*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*1,420.08*	
		For K4 Factor Rating, Add	*13,254.05*	
		For K13 Factor Rating, Add	*18,934.35*	
		For K20 Factor Rating, Add	*24,614.66*	
26 22 13 00-0108	EA	150 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry	27,629.02	1,188.58
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*1,262.59*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*1,893.89*	
		For K4 Factor Rating, Add	*17,676.30*	
		For K13 Factor Rating, Add	*25,251.86*	
		For K20 Factor Rating, Add	*32,827.42*	
26 22 13 00-0109	EA	225 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry	37,861.61	1,485.72
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*1,744.51*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*2,616.76*	
		For K4 Factor Rating, Add	*24,423.12*	
		For K13 Factor Rating, Add	*34,890.17*	
		For K20 Factor Rating, Add	*45,357.22*	
26 22 13 00-0110	EA	300 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry	46,108.45	1,842.29
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*2,121.19*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*3,181.79*	
		For K4 Factor Rating, Add	*29,696.70*	
		For K13 Factor Rating, Add	*42,423.86*	
		For K20 Factor Rating, Add	*55,151.02*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 22 13 00-0111	EA	500 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry	66,639.45	2,258.30
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*3,106.14*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*4,659.21*	
		For K4 Factor Rating, Add	*43,486.00*	
		For K13 Factor Rating, Add	*62,122.86*	
		For K20 Factor Rating, Add	*80,759.72*	
26 22 13 00-0112	EA	750 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry	156,999.33	2,734.26
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*7,576.59*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*11,364.89*	
		For K4 Factor Rating, Add	*106,072.32*	
		For K13 Factor Rating, Add	*151,531.88*	
		For K20 Factor Rating, Add	*196,991.44*	
26 22 13 00-0113	EA	1,000 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry	207,687.91	2,971.44
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*10,087.25*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*15,130.88*	
		For K4 Factor Rating, Add	*141,221.51*	
		For K13 Factor Rating, Add	*201,745.02*	
		For K20 Factor Rating, Add	*262,268.53*	

26 22 13 00-0114 480 Volt x 208Y/120 Volt, 2-2.5 Percent FCAN And 2-2.5 Percent FCBN Taps *(26 22 13 00-0056)*

26 22 13 00-0115	EA	6 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry	5,511.94	460.58
		For K4 Factor Rating, Add	*3,213.55*	
		For K13 Factor Rating, Add	*4,590.79*	
		For K20 Factor Rating, Add	*5,968.03*	
26 22 13 00-0116	EA	9 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry	6,870.79	490.29
		For K4 Factor Rating, Add	*4,123.15*	
		For K13 Factor Rating, Add	*5,890.21*	
		For K20 Factor Rating, Add	*7,657.27*	
26 22 13 00-0117	EA	15 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry	9,151.80	534.86
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*404.10*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*606.16*	
		For K4 Factor Rating, Add	*5,657.46*	
		For K13 Factor Rating, Add	*8,082.08*	
		For K20 Factor Rating, Add	*10,506.70*	

26 22 13 00-0118 480 Volt x 480Y/277 Volt, 2-2.5 Percent FCAN And 4 Percent FCBN Taps *(26 22 13 00-0056)*

26 22 13 00-0119	EA	30 KVA, 480 x 480 Y / 277 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry	18,206.99	653.71
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*844.98*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*1,267.47*	
		For K4 Factor Rating, Add	*11,829.69*	
		For K13 Factor Rating, Add	*16,899.55*	
		For K20 Factor Rating, Add	*21,969.42*	
26 22 13 00-0120	EA	45 KVA, 480 x 480 Y / 277 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry	20,350.98	772.57
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*940.29*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*1,410.44*	
		For K4 Factor Rating, Add	*13,164.08*	
		For K13 Factor Rating, Add	*18,805.83*	
		For K20 Factor Rating, Add	*24,447.58*	
26 22 13 00-0121	EA	75 KVA, 480 x 480 Y / 277 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry	30,384.30	891.43
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*1,430.07*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*2,145.11*	
		For K4 Factor Rating, Add	*20,021.00*	
		For K13 Factor Rating, Add	*28,601.43*	
		For K20 Factor Rating, Add	*37,181.86*	
26 22 13 00-0122	EA	112.5 KVA, 480 x 480 Y / 277 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry	38,216.08	1,069.72
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*1,803.83*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*2,705.75*	
		For K4 Factor Rating, Add	*25,253.65*	
		For K13 Factor Rating, Add	*36,076.64*	
		For K20 Factor Rating, Add	*46,899.63*	
26 22 13 00-0123	EA	150 KVA, 480 x 480 Y / 277 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry	46,171.76	1,188.58
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*2,189.73*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*3,284.60*	
		For K4 Factor Rating, Add	*30,656.22*	
		For K13 Factor Rating, Add	*43,794.60*	
		For K20 Factor Rating, Add	*56,932.98*	
26 22 13 00-0124	EA	225 KVA, 480 x 480 Y / 277 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry	59,239.00	1,485.72
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*2,813.38*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*4,220.07*	
		For K4 Factor Rating, Add	*39,387.29*	
		For K13 Factor Rating, Add	*56,267.56*	
		For K20 Factor Rating, Add	*73,147.83*	
26 22 13 00-0125	EA	300 KVA, 480 x 480 Y / 277 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry	71,975.32	1,842.29
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*3,414.54*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*5,121.80*	
		For K4 Factor Rating, Add	*47,803.51*	
		For K13 Factor Rating, Add	*68,290.73*	
		For K20 Factor Rating, Add	*88,777.95*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 22 13 00-0126	EA	500 KVA, 480 x 480 Y / 277 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry	116,680.45	2,258.30
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	*5,608.19*	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	*8,412.29*	
		For K4 Factor Rating, Add	*78,514.70*	
		For K13 Factor Rating, Add	*112,163.86*	
		For K20 Factor Rating, Add	*145,813.02*	
26 22 13 00-0127		NEMA Premium Efficient Dry Type Transformers *(26 22 13 00-0056)*		
26 22 13 00-0128		Aluminum Windings, NEMA Premium Efficient Dry Type Transformers *(26 22 13 00-0127)*		
		Note: Two taps at 2.5%, four at -2.5%.		
26 22 13 00-0129		150 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformers *(26 22 13 00-0128)*		
26 22 13 00-0130	EA	15 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	3,489.56	534.97
26 22 13 00-0131	EA	30 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	4,256.90	653.85
26 22 13 00-0132	EA	45 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	5,129.10	772.73
26 22 13 00-0133	EA	75 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	6,861.07	891.61
26 22 13 00-0134	EA	112.5 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	9,157.74	1,069.92
26 22 13 00-0135	EA	150 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	11,367.37	1,188.80
26 22 13 00-0136	EA	225 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	15,055.52	1,486.01
26 22 13 00-0137	EA	300 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	21,150.40	1,842.65
26 22 13 00-0138		115 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformers *(26 22 13 00-0128)*		
26 22 13 00-0139	EA	15 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	4,217.56	534.97
26 22 13 00-0140	EA	30 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	5,138.73	653.85
26 22 13 00-0141	EA	45 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	6,204.44	772.73
26 22 13 00-0142	EA	75 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	8,384.67	891.61
26 22 13 00-0143	EA	112.5 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	10,730.34	1,069.92
26 22 13 00-0144	EA	150 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	14,064.30	1,188.80
26 22 13 00-0145	EA	225 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	18,680.81	1,486.01
26 22 13 00-0146	EA	300 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	26,389.93	1,842.65
26 22 13 00-0147		80 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformers *(26 22 13 00-0128)*		
26 22 13 00-0148	EA	15 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	4,942.62	534.97
26 22 13 00-0149	EA	30 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	6,023.01	653.85
26 22 13 00-0150	EA	45 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	7,279.79	772.73
26 22 13 00-0151	EA	75 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	9,905.83	891.61
26 22 13 00-0152	EA	112.5 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	12,714.45	1,069.92
26 22 13 00-0153	EA	150 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	16,761.22	1,188.80
26 22 13 00-0154	EA	225 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	22,306.11	1,486.01
26 22 13 00-0155	EA	300 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	31,629.46	1,842.65
26 22 13 00-0156		Copper Windings, NEMA Premium Efficient Dry Type Transformers *(26 22 13 00-0127)*		
		Note: Two taps at 2.5%, four at -2.5%.		
26 22 13 00-0157		150 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformers *(26 22 13 00-0156)*		
26 22 13 00-0158	EA	15 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	4,700.11	534.97
26 22 13 00-0159	EA	30 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	5,729.07	653.85

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 22 13 00-0160	EA	45 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	6,919.70	772.73
26 22 13 00-0161	EA	75 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	9,398.77	891.61
26 22 13 00-0162	EA	112.5 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	12,743.84	1,069.92
26 22 13 00-0163	EA	150 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	15,955.33	1,188.80
26 22 13 00-0164	EA	225 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	21,220.97	1,486.01
26 22 13 00-0165	EA	300 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	30,064.21	1,842.65
26 22 13 00-0166		115 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformers *(26 22 13 00-0156)*		
26 22 13 00-0167	EA	15 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	5,425.17	534.97
26 22 13 00-0168	EA	30 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	6,613.35	653.85
26 22 13 00-0169	EA	45 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	7,995.05	772.73
26 22 13 00-0170	EA	75 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	10,922.39	891.61
26 22 13 00-0171	EA	112.5 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	16,604.29	1,069.92
26 22 13 00-0172	EA	150 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	20,918.06	1,188.80
26 22 13 00-0173	EA	225 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	26,698.11	1,486.01
26 22 13 00-0174	EA	300 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	39,737.38	1,842.65
26 22 13 00-0175		80 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformers *(26 22 13 00-0156)*		
26 22 13 00-0176	EA	15 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	6,152.68	534.97
26 22 13 00-0177	EA	30 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	7,497.62	653.85
26 22 13 00-0178	EA	45 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	9,070.38	772.73
26 22 13 00-0179	EA	75 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	12,443.53	891.61
26 22 13 00-0180	EA	112.5 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	19,705.40	1,069.92
26 22 13 00-0181	EA	150 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	25,417.84	1,188.80
26 22 13 00-0182	EA	225 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	32,172.79	1,486.01
26 22 13 00-0183	EA	300 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer	47,463.18	1,842.65
26 22 13 00-0184		3 Phase Weathershields *(26 22 13 00-0056)*		
		Note: Use with type DT-3 and DS-3.		
26 22 13 00-0185	EA	45-112.5 KVA 3 Phase Weathershields With DT-3, DS-3, Set Of 2	1,963.40	
26 22 13 00-0186	EA	150-300 KVA 3 Phase Weathershields With DT-3, DS-3, Set Of 2	3,334.22	
26 22 13 00-0187	EA	500-1,000 KVA 3 Phase Weathershields With DT-3, DS-3, Set Of 2	3,334.22	
26 22 13 00-0188		Three Phase Mounting Brackets *(26 22 13 00-0056)*		
26 22 13 00-0189	EA	3 Phase Mounting Brackets (Set Of 2) For Transformers Up To 112.5 KVA	1,471.65	211.77
26 22 13 00-0190		Pad Mounted Commercial Type Distribution Transformers UL Listed *(26 22 13)*		
26 22 13 00-0191		Distribution 3 Phase Oil Filled Transformer *(26 22 13 00-0190)*		
		Note: Designed for loads as shopping centers, institutions, and industrial plants with underground distribution. KVA-75 thru 1000, 3 phase 95 thru 150 KV BIL standard features. With taps 4-1/2 percent below - 2-1/2 percent above and below.		
26 22 13 00-0192		Primary 4.16 / 4.8 KV, Ground Y / 13.8 - 14.4 KV, Secondary 480 Y /277 Volt, 480 Volt, 95 KV BIL *(26 22 13 00-0191)*		
		Note: Rated to 5 KVA.		
26 22 13 00-0193	EA	75 KVA, Primary 4.16 / 4.8 KV Ground Y / 13.8 - 14.4 KV, Secondary 480 Y /277 Volt, 480 Volt, 3 Phase, Oil Transformer, Pad Mounted	47,481.41	1,426.57
26 22 13 00-0194	EA	112.5 KVA, Primary 4.16 / 4.8 KV Ground Y / 13.8 - 14.4 KV, Secondary 480 Y /277 Volt, 480 Volt, 3 Phase, Oil Transformer, Pad Mounted	53,463.26	1,426.57
26 22 13 00-0195	EA	150 KVA, Primary 4.16 / 4.8 KV Ground Y / 13.8 - 14.4 KV, Secondary 480 Y /277 Volt, 480 Volt, 3 Phase, Oil Transformer, Pad Mounted	61,369.64	2,460.84
26 22 13 00-0196	EA	225 KVA, Primary 4.16 / 4.8 KV Ground Y / 13.8 - 14.4 KV, Secondary 480 Y /277 Volt, 480 Volt, 3 Phase, Oil Transformer, Pad Mounted	72,484.75	2,460.84

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 22 13 00-0197	EA	300 KVA, Primary 4.16 / 4.8 KV Ground Y / 13.8 - 14.4 KV, Secondary 480 Y /277 Volt, 480 Volt, 3 Phase, Oil Transformer, Pad Mounted	81,524.80	3,685.30
26 22 13 00-0198	EA	500 KVA, Primary 4.16 / 4.8 KV Ground Y / 13.8 - 14.4 KV, Secondary 480 Y /277 Volt, 480 Volt, 3 Phase, Oil Transformer, Pad Mounted	111,070.38	4,874.11
26 22 13 00-0199	EA	750 KVA, Primary 4.16 / 4.8 KV Ground Y / 13.8 - 14.4 KV, Secondary 480 Y /277 Volt, 480 Volt, 3 Phase, Oil Transformer, Pad Mounted	147,748.75	6,181.80
26 22 13 00-0200	EA	1,000 KVA, Primary 4.16 / 4.8 KV Ground Y / 13.8 - 14.4 KV, Secondary 480 Y /277 Volt, 480 Volt, 3 Phase, Oil Transformer, Pad Mounted	171,099.77	7,489.49
26 22 13 00-0201		**Primary 4.16 / 4.8 KV, Ground Y / 13.8 - 14.4 KV, Secondary 208 Y / 120 Volt, 95 BIL** *(26 22 13 00-0191)*		
		Note: Rated to 5 KVA.		
26 22 13 00-0202	EA	75 KVA, Primary 4.16 / 4.8 KV Ground Y / 13.8 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Oil Transformer, Pad Mounted	47,481.41	1,426.57
26 22 13 00-0203	EA	112.5 KVA, Primary 4.16 / 4.8 KV Ground Y / 13.8 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Oil Transformer, Pad Mounted	53,463.26	1,426.57
26 22 13 00-0204	EA	150 KVA, Primary 4.16 / 4.8 KV Ground Y / 13.8 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Oil Transformer, Pad Mounted	61,369.64	2,460.84
26 22 13 00-0205	EA	225 KVA, Primary 4.16 / 4.8 KV Ground Y / 13.8 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Oil Transformer, Pad Mounted	72,826.68	2,460.84
26 22 13 00-0206	EA	300 KVA, Primary 4.16 / 4.8 KV Ground Y / 13.8 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Oil Transformer, Pad Mounted	82,424.22	3,685.30
26 22 13 00-0207	EA	500 KVA, Primary 4.16 / 4.8 KV Ground Y / 13.8 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Oil Transformer, Pad Mounted	111,283.19	4,874.11
26 22 13 00-0208	EA	750 KVA, Primary 4.16 / 4.8 KV Ground Y / 13.8 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Oil Transformer, Pad Mounted	165,729.71	6,181.80
26 22 13 00-0209	EA	1,000 KVA, Primary 4.16 / 4.8 KV Ground Y / 13.8 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Oil Transformer, Pad Mounted	174,942.74	7,489.49
26 22 13 00-0210		**Factory Modifications** *(26 22 13 00-0191)*		
		Note: For use with series 4100 3 phase transformers.		
26 22 13 00-0211	EA	Current Limiting Fuse 95 KV Series 4100, 3 Phase Transformer, Factory Modification	3,597.68	
26 22 13 00-0212	EA	Lightning Arrestors 9-10 KV Series 4100, 3 Phase Transformer, Factory Modification	585.02	
26 22 13 00-0213	EA	Loadbreaker Oil Switch, 2 Position Series 4100, 3 Phase Transformer, Factory Modification	2,340.09	
26 22 13 00-0214	EA	Loop Feed Air Switch Series 4100, 3 Phase Transformer, Factory Modification	6,741.93	
26 22 13 00-0215	EA	Loadbreaker Inserts Series 4100, 3 Phase Transformer, Factory Modification	825.91	
26 22 13 00-0216	EA	Lightning Arrestors, 15 KV Series 4100, 3 Phase Transformer, Factory Modification	653.85	
26 22 13 00-0217		**Accessories For Transformer Liquid Containment Area** *(26 22 13 00-0191)*		
		Note: Reinforced concrete curb with 6" slab.		
26 22 13 00-0218	EA	Containment Area For 75 KVA	8,845.85	2,478.45
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1,652.33*	
26 22 13 00-0219	EA	Containment Area For 112.5 KVA	8,845.85	2,478.45
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1,652.33*	
26 22 13 00-0220	EA	Containment Area For 150 KVA	8,845.85	2,478.45
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1,652.33*	
26 22 13 00-0221	EA	Containment Area For 225 KVA	8,845.85	2,478.45
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1,652.33*	
26 22 13 00-0222	EA	Containment Area For 300 KVA	8,836.96	2,478.45
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1,649.67*	
26 22 13 00-0223	EA	Containment Area For 500 KVA	8,836.96	2,478.45
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1,649.67*	
26 22 13 00-0224	EA	Containment Area For 750 KVA	8,933.32	2,478.45
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1,649.67*	
26 22 13 00-0225	EA	Containment Area For 1,000 KVA	10,330.49	2,478.45
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1,649.67*	
26 22 13 00-0226		**Primary 4.16 / 4.8 KV, Ground Y / 7.2 - 14.4 KV, Secondary 480 Y / 277 Volt, 480 Volt, 95 KV BIL** *(26 22 13 00-0191)*		
		Note: Rated to 5 KVA.		
26 22 13 00-0227	EA	45 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 480 Y / 277 Volt, 480 Volt, 3 Phase, Oil Transformer, Pad Mounted	21,198.48	1,426.57
26 22 13 00-0228	EA	75 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 480 Y / 277 Volt, 480 Volt, 3 Phase, Oil Transformer, Pad Mounted	23,263.26	1,426.57
26 22 13 00-0229	EA	112.5 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 480 Y / 277 Volt, 480 Volt, 3 Phase, Oil Transformer, Pad Mounted	24,639.78	1,426.57
26 22 13 00-0230	EA	150 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 480 Y / 277 Volt, 480 Volt, 3 Phase, Oil Transformer, Pad Mounted	28,769.35	1,426.57
26 22 13 00-0231	EA	225 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 480 Y / 277 Volt, 480 Volt, 3 Phase, Oil Transformer, Pad Mounted	30,415.56	2,139.86
26 22 13 00-0232	EA	300 KVA, Primary4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 480 Y / 277 Volt, 480 Volt, 3 Phase, Oil Transformer, Pad Mounted	31,792.08	2,139.86
26 22 13 00-0233	EA	500 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 480 Y / 277 Volt, 480 Volt, 3 Phase, Oil Transformer, Pad Mounted	48,310.35	2,139.86
26 22 13 00-0234	EA	750 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 480 Y / 277 Volt, 480 Volt, 3 Phase, Oil Transformer, Pad Mounted	61,668.26	2,853.14
26 22 13 00-0235	EA	1,000 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 480 Y / 277 Volt, 480 Volt, 3 Phase, Oil Transformer, Pad Mounted	79,563.05	2,853.14

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 22 13 00-0236		**Primary 4.16 / 4.8 KV, Ground Y / 7.2 - 14.4 KV, Secondary 208 Y / 120 Volt, 95 BIL** *(26 22 13 00-0191)* Note: Rated to 5 KVA.		
26 22 13 00-0237	EA	45 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Oil Transformer, Pad Mounted	21,886.74	1,426.57
26 22 13 00-0238	EA	75 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Oil Transformer, Pad Mounted	24,639.78	1,426.57
26 22 13 00-0239	EA	112.5 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Oil Transformer, Pad Mounted	25,328.04	1,426.57
26 22 13 00-0240	EA	150 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Oil Transformer, Pad Mounted	26,016.30	1,426.57
26 22 13 00-0241	EA	225 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Oil Transformer, Pad Mounted	30,415.56	2,139.86
26 22 13 00-0242	EA	300 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Oil Transformer, Pad Mounted	33,168.60	2,139.86
26 22 13 00-0243	EA	500 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Oil Transformer, Pad Mounted	48,310.35	2,139.86
26 22 13 00-0244	EA	750 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Oil Transformer, Pad Mounted	62,356.52	2,853.14
26 22 13 00-0245	EA	1,000 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Oil Transformer, Pad Mounted	79,563.05	2,853.14
26 22 13 00-0246		**19.8 KV Primary, 480 Volt Secondary** *(26 22 13 00-0191)* Note: Include bayonet weak link and current limiting primary fusing and current transformers on each phase of secondary with GE KV electric meter, 6 bushings to receive 200 ampere elbows on the primary with 3 lightning arrestors mounted on three of the bushings, 20 kv load break switch, pressure gage, temperature gage, level gage, pressure relief valve, and drain plug. Also includes 3 spare current limiting fuses and 3 spare bayonet weak link fuses. Transformers shall be installed on a concrete pad. Cooper, ABB or General Electric transformers.		
26 22 13 00-0247	EA	150 KVA, 19.8 KV Primary, 480 V Secondary, 3 Phase, Oil Transformer, Pad Mounted	13,058.14	1,445.35
26 22 13 00-0248	EA	225 KVA, 19.8 KV Primary, 480 V Secondary, 3 Phase, Oil Transformer, Pad Mounted	14,301.04	2,163.87
26 22 13 00-0249	EA	300 KVA, 19.8 KV Primary, 480 V Secondary, 3 Phase, Oil Transformer, Pad Mounted	14,873.98	2,163.87
26 22 13 00-0250	EA	500 KVA, 19.8 KV Primary, 480 V Secondary, 3 Phase, Oil Transformer, Pad Mounted	21,733.73	2,163.87
26 22 13 00-0251	EA	750 KVA, 19.8 KV Primary, 480 V Secondary, 3 Phase, Oil Transformer, Pad Mounted	27,844.31	2,890.82
26 22 13 00-0252	EA	1000 KVA, 19.8 KV Primary, 480 V Secondary, 3 Phase, Oil Transformer, Pad Mounted	38,861.63	2,890.82
26 22 13 00-0253	EA	1500 KVA, 19.8 KV Primary, 480 V Secondary, 3 Phase, Oil Transformer, Pad Mounted	51,253.35	3,120.62
26 22 13 00-0254	EA	2000 KVA, 19.8 KV Primary, 480 V Secondary, 3 Phase, Oil Transformer, Pad Mounted	66,173.36	3,298.94
26 22 13 00-0255	EA	2500 KVA, 19.8 KV Primary, 480 V Secondary, 3 Phase, Oil Transformer, Pad Mounted	86,985.40	3,744.74
26 22 13 00-0256		**19.8 KV Primary, 208 Volt Secondary** *(26 22 13 00-0191)* Note: Include bayonet weak link and current limiting primary fusing and current transformers on each phase of secondary with GE KV electric meter, 6 bushings to receive 200 ampere elbows on the primary with 3 lightning arrestors mounted on three of the bushings, 20 kv load break switch, pressure gage, temperature gage, level gage, pressure relief valve, and drain plug. Also includes 3 spare current limiting fuses and 3 spare bayonet weak link fuses. Transformers shall be installed on a concrete pad. Cooper, ABB or General Electric transformers.		
26 22 13 00-0257	EA	150 KVA, 19.8 KV Primary, 208 V Secondary, 3 Phase, Oil Transformer, Pad Mounted	13,489.58	1,445.35
26 22 13 00-0258	EA	225 KVA, 19.8 KV Primary, 208 V Secondary, 3 Phase, Oil Transformer, Pad Mounted	14,743.98	2,163.87
26 22 13 00-0259	EA	300 KVA, 19.8 KV Primary, 208 V Secondary, 3 Phase, Oil Transformer, Pad Mounted	15,338.04	2,163.87
26 22 13 00-0260	EA	500 KVA, 19.8 KV Primary, 208 V Secondary, 3 Phase, Oil Transformer, Pad Mounted	22,452.80	2,163.87
26 22 13 00-0261	EA	750 KVA, 19.8 KV Primary, 208 V Secondary, 3 Phase, Oil Transformer, Pad Mounted	28,757.35	2,890.82
26 22 13 00-0262	EA	1000 KVA, 19.8 KV Primary, 208 V Secondary, 3 Phase, Oil Transformer, Pad Mounted	40,193.34	2,890.82
26 22 13 00-0263	EA	1500 KVA, 19.8 KV Primary, 208 V Secondary, 3 Phase, Oil Transformer, Pad Mounted	49,927.33	3,120.62
26 22 13 00-0264	EA	2000 KVA, 19.8 KV Primary, 208 V Secondary, 3 Phase, Oil Transformer, Pad Mounted	68,275.65	3,298.94
26 22 13 00-0265	EA	2500 KVA, 19.8 KV Primary, 208 V Secondary, 3 Phase, Oil Transformer, Pad Mounted	89,775.70	3,744.74
26 22 13 00-0266		**Primary 5 KV Or 15 KV, Secondary 277/480 Volt** *(26 22 13 00-0190)* Note: 4-2.5 Percent taps FCAN and FCBN. Pad mounted.		
26 22 13 00-0267	EA	150 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Oil Filled, 3 Phase	75,792.95	1,882.71
26 22 13 00-0268	EA	225 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Oil Filled, 3 Phase	82,529.64	2,222.57
26 22 13 00-0269	EA	300 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Oil Filled, 3 Phase	92,319.64	2,716.48
26 22 13 00-0270	EA	500 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Oil Filled, 3 Phase	110,240.10	3,056.35
26 22 13 00-0271	EA	750 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Oil Filled, 3 Phase	136,397.95	3,217.12
26 22 13 00-0272	EA	1,000 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Oil Filled, 3 Phase	163,637.97	4,700.66
26 22 13 00-0273	EA	1,500 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Oil Filled, 3 Phase	192,983.84	5,318.04
26 22 13 00-0274	EA	2,000 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Oil Filled, 3 Phase	242,401.77	6,112.69
26 22 13 00-0275	EA	2,500 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Oil Filled, 3 Phase	268,785.29	6,418.33
26 22 13 00-0276	EA	3,000 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Oil Filled, 3 Phase	282,849.75	7,152.09
26 22 13 00-0277	EA	3,750 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Oil Filled, 3 Phase	326,098.14	7,641.11
26 22 13 00-0278		**Pad Mounted Transformer 15 KV - 480 Volt, Oil Filled** *(26 22 13 00-0190)*		
26 22 13 00-0279	EA	1,500 KVA Pad Mounted Transformer, 15 KV - 480 Volt, Oil Filled	139,221.38	5,297.92
26 22 13 00-0280	EA	2,000 KVA Pad Mounted Transformer, 15 KV - 480 Volt, Oil Filled	171,939.73	6,092.63
26 22 13 00-0281	EA	2,500 KVA Pad Mounted Transformer, 15 KV - 480 Volt, Oil Filled	196,259.25	6,413.26
26 22 13 00-0282	EA	3,000 KVA Pad Mounted Transformer, 15 KV - 480 Volt, Oil Filled	207,931.11	7,167.79
26 22 13 00-0283	EA	3,750 KVA Pad Mounted Transformer, 15 KV - 480 Volt, Oil Filled	234,070.08	7,384.99

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				TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
MINOR CSI	UOM	DESCRIPTION			
26 22 13 00-0284		Silicone Filled Distribution Transformers, 3 Phase *(26 22 13 00-0190)*			
		Note: Primary 5 KV or 15 KV, secondary 277/480 V, 4-2.5 percent taps FCAN and FCBN. Pad mounted.			
26 22 13 00-0285	EA	225 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Silicon Filled, 3 Phase		132,682.66	2,222.57
26 22 13 00-0286	EA	300 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Silicon Filled, 3 Phase		141,866.83	2,716.48
26 22 13 00-0287	EA	500 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Silicon Filled, 3 Phase		166,423.41	3,056.35
26 22 13 00-0288	EA	750 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Silicon Filled, 3 Phase		202,535.45	3,217.12
26 22 13 00-0289	EA	1,000 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Silicon Filled, 3 Phase		241,295.47	4,700.66
26 22 13 00-0290	EA	1,500 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Silicon Filled, 3 Phase		308,072.03	5,318.04
26 22 13 00-0291	EA	2,000 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Silicon Filled, 3 Phase		375,347.82	6,112.69
26 22 13 00-0292	EA	2,500 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Silicon Filled, 3 Phase		430,383.76	6,418.33
26 22 13 00-0293		Accessories For Pad Mounted Transformer *(26 22 13 00-0190)*			
26 22 13 00-0294	EA	Elbow Lightning Arrestor, For 19.8 KV Transformer		182.12	57.95
26 22 13 00-0295		Foam Core Poly Transformer Pads *(26 22 13)*			
26 22 13 00-0296	EA	Single Phase Foam Core Poly Pads.		500.07	39.66
		Note: Excludes site prep.			

26 24 Switchboards and Panelboards *(26 20)*

26 24 13 Switchboards *(26 24)*

Note: Installation of free-standing building distribution switchboards. Switchboard sections to be mounted on 4" concrete pad. Includes material, handling, unloading at job site, assembly and installation, wiring connections, testing and cleanup. Exclude concrete pad and foundation.

26 24 13 00-0001		Fusible Switch Type 240 Volt, 3 Phase, 3 Wire *(26 24 13)*			
26 24 13 00-0002		Incoming Service Section Main Device Only *(26 24 13 00-0001)*			
		Note: Copper bus, non-metering type, with fuses.			
26 24 13 00-0003	EA	400 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch		4,237.21	1,013.80
26 24 13 00-0004	EA	600 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch		4,698.15	1,072.34
26 24 13 00-0005	EA	800 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch		7,674.13	1,216.41
26 24 13 00-0006	EA	1,200 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch		8,267.70	1,304.03
26 24 13 00-0007	EA	1,600 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch		13,383.14	1,390.37
26 24 13 00-0008	EA	2,000 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch		14,936.02	1,478.35
26 24 13 00-0009	EA	400 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker		5,165.64	1,013.80
26 24 13 00-0010	EA	600 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker		6,654.84	1,072.34
26 24 13 00-0011	EA	800 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker		9,321.96	1,217.45
26 24 13 00-0012	EA	1,200 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker		12,811.96	1,304.03
26 24 13 00-0013	EA	1,600 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker		13,383.14	1,391.77
26 24 13 00-0014	EA	2,000 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker		14,936.02	1,478.35
26 24 13 00-0015	EA	2,500 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker		17,989.80	1,545.57
26 24 13 00-0016	EA	3,000 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker		20,407.42	1,655.80
26 24 13 00-0017	EA	4,000 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker		24,118.50	1,784.92
26 24 13 00-0018	EA	400 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug		2,841.17	898.26
26 24 13 00-0019	EA	600 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug		3,145.48	956.32
26 24 13 00-0020	EA	800 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug		3,601.92	1,100.85
26 24 13 00-0021	EA	1,000 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug		3,889.14	1,147.10
26 24 13 00-0022	EA	1,200 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug		4,147.20	1,188.48
26 24 13 00-0023	EA	1,600 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug		4,549.28	1,274.25
26 24 13 00-0024	EA	2,000 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug		4,920.01	1,361.64
26 24 13 00-0025		Branch Breaker Units *(26 24 13 00-0001)*			
		Note: Includes branch breaker(s) and portion of distribution section occupied by that breaker. 240 V, 3 pole. Use upper range to determine breaker unless designing for future expansion.			
26 24 13 00-0026	EA	15 To 60 Amperes, 240 Volt, MC Branch Breaker		372.02	35.35
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add		*21.21*	
26 24 13 00-0027	EA	70 To 100 Amperes, 240 Volt, MC Branch Breaker		544.42	55.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add		*33.38*	
26 24 13 00-0028	EA	125 To 225 Amperes, 240 Volt, MC Branch Breaker		1,470.25	101.41
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add		*60.85*	
26 24 13 00-0029	EA	100 To 400 Amperes, 240 Volt, MC Branch Breaker		2,618.31	132.13
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add		*79.28*	
26 24 13 00-0030	EA	300 To 600 Amperes, 240 Volt, MC Branch Breaker		4,648.96	324.53
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add		*194.69*	
26 24 13 00-0031	EA	400 To 800 Amperes, 240 Volt, MC Branch Breaker		7,475.71	324.53
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add		*194.69*	
26 24 13 00-0032	EA	600 To 1,200 Amperes, 240 Volt, MC Branch Breaker		12,111.53	578.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add		*347.02*	
26 24 13 00-0033		Fusible Switch Type 480 Volt, 3 Phase, 3 Wire *(26 24 13)*			
26 24 13 00-0034		Incoming Service Section Main Device Only *(26 24 13 00-0033)*			
		Note: Copper bus, non-metering type, with fuses.			
26 24 13 00-0035	EA	400 Amperes, 480 Volt, 3 Phase, 3 Wire, Distribution Switchboard With Main Switch		6,006.55	1,315.50
26 24 13 00-0036	EA	600 Amperes, 480 Volt, 3 Phase, 3 Wire, Distribution Switchboard With Main Switch		6,721.22	1,315.50

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 13 00-0037	EA	800 Amperes, 480 Volt, 3 Phase, 3 Wire, Distribution Switchboard With Main Switch	10,051.20	1,709.58
26 24 13 00-0038	EA	1,200 Amperes, 480 Volt, 3 Phase, 3 Wire, Distribution Switchboard With Main Switch	11,407.05	1,709.58
26 24 13 00-0039		**Fusible Switch Type 120/240 Volt, 1 Phase, 3 Wire** *(26 24 13)*		
26 24 13 00-0040		**Incoming Service Section Main Device Only** *(26 24 13 00-0039)*		
		Note: Copper bus, non-metering type, with fuses.		
26 24 13 00-0041	EA	200/400 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With Main Switch	3,815.22	898.26
26 24 13 00-0042	EA	600 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With Main Switch	4,255.35	956.32
26 24 13 00-0043	EA	800 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With Main Switch	6,580.35	1,100.85
26 24 13 00-0044	EA	1,200 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With Main Switch	7,150.97	1,187.55
26 24 13 00-0045	EA	200/400 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With MC Main Breaker	4,696.58	898.26
26 24 13 00-0046	EA	600 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With MC Main Breaker	5,961.57	956.32
26 24 13 00-0047	EA	800 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With MC Main Breaker	8,410.86	1,100.85
26 24 13 00-0048	EA	1,200 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With MC Main Breaker	12,143.44	1,187.55
26 24 13 00-0049	EA	2,000 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With MC Main Breaker	14,266.44	1,332.89
26 24 13 00-0050	EA	200/400 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With Main Lug	2,645.56	782.23
26 24 13 00-0051	EA	600 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With Main Lug	2,970.76	840.41
26 24 13 00-0052	EA	800 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With Main Lug	3,487.69	984.95
26 24 13 00-0053	EA	1,000 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With Main Lug	3,759.14	1,031.19
26 24 13 00-0054	EA	1,200 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With Main Lug	4,022.37	1,072.34
26 24 13 00-0055	EA	1,600 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With Main Lug	4,367.66	1,147.10
26 24 13 00-0056	EA	2,000 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With Main Lug	4,705.97	1,216.41
26 24 13 00-0057	EA	2,500 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With Main Lug	5,842.32	1,506.74
26 24 13 00-0058	EA	3,000 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With Main Lug	6,545.02	1,651.63
26 24 13 00-0059	EA	4,000 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With Main Lug	7,728.14	1,782.02
26 24 13 00-0060		**Branch Breaker Units** *(26 24 13 00-0039)*		
		Note: Includes branch breaker(s) and portion of distribution section occupied by that breaker. 240 V, 2 pole. Use upper range to determine breaker unless designing for future expansion.		
26 24 13 00-0061	EA	15 To 60 Amperes, 120 / 240 Volt, MC Branch Breaker	198.15	30.71
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.43*	
26 24 13 00-0062	EA	70 To 100 Amperes, 120 / 240 Volt, MC Branch Breaker	314.43	51.00
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*30.60*	
26 24 13 00-0063	EA	125 To 225 Amperes, 120 / 240 Volt, MC Branch Breaker	971.19	71.28
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*42.77*	
26 24 13 00-0064	EA	100 To 400 Amperes, 120 / 240 Volt, MC Branch Breaker	2,810.24	91.56
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*54.94*	
26 24 13 00-0065	EA	300 To 600 Amperes, 120/240 Volt, MC Branch Breaker	4,414.18	223.12
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*133.86*	
26 24 13 00-0066	EA	400 To 800 Amperes, 120/240 Volt, MC Branch Breaker	6,289.89	223.12
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*133.86*	
26 24 13 00-0067	EA	600 To 1,200 Amperes, 120/240 Volt, MC Branch Breaker	10,362.35	425.94
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*255.59*	
26 24 13 00-0068		**Fusible Switch Type 120/208 Volt, 3 Phase, 4 Wire** *(26 24 13)*		
26 24 13 00-0069		**Incoming Service Section Main Device Only** *(26 24 13 00-0068)*		
		Note: Copper bus, non-metering type, with fuses.		
26 24 13 00-0070	EA	400 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch	4,238.64	1,013.80
26 24 13 00-0071	EA	600 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch	4,696.57	1,072.34
26 24 13 00-0072	EA	800 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch	7,672.08	1,216.41
26 24 13 00-0073	EA	1,200 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch	8,265.35	1,304.03
26 24 13 00-0074	EA	1,600 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch	13,377.80	1,390.37
26 24 13 00-0075	EA	2,000 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch	14,936.02	1,478.35
26 24 13 00-0076	EA	400 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker	5,167.07	1,013.80
26 24 13 00-0077	EA	600 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker	6,653.26	1,072.34
26 24 13 00-0078	EA	800 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker	9,321.96	1,217.45
26 24 13 00-0079	EA	1,200 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker	12,809.61	1,304.03
26 24 13 00-0080	EA	1,600 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker	13,380.46	1,391.77
26 24 13 00-0081	EA	2,000 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker	14,936.02	1,478.35
26 24 13 00-0082	EA	400 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	2,988.48	898.26
26 24 13 00-0083	EA	600 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	3,349.51	956.32
26 24 13 00-0084	EA	800 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	3,908.03	1,100.85
26 24 13 00-0085	EA	1,000 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	4,211.35	1,147.10
26 24 13 00-0086	EA	1,200 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	4,505.08	1,188.48
26 24 13 00-0087	EA	1,600 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	4,893.09	1,274.25
26 24 13 00-0088	EA	2,000 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	5,286.39	1,361.64
26 24 13 00-0089	EA	2,500 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	6,287.13	1,547.32
26 24 13 00-0090	EA	3,000 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	6,966.04	1,655.68
26 24 13 00-0091	EA	4,000 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	8,255.06	1,779.12
26 24 13 00-0092		**Branch Breaker Units** *(26 24 13 00-0068)*		
		Note: Includes branch breaker(s) and portion of distribution section occupied by that breaker. 120/208 V, 3 pole. Use upper range to determine breaker unless designing for future expansion.		
26 24 13 00-0093	EA	15 To 60 Amperes, 120/208 Volt, MC Branch Breaker	372.02	35.35
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.21*	
26 24 13 00-0094	EA	70 To 100 Amperes, 120/208 Volt, MC Branch Breaker	544.42	55.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*33.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 13 00-0095	EA	125 To 225 Amperes, 120/208 Volt, MC Branch Breaker	1,470.25	101.41
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*60.85*	
26 24 13 00-0096	EA	100 To 400 Amperes, 120/208 Volt, MC Branch Breaker	2,618.31	132.13
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*79.28*	
26 24 13 00-0097	EA	300 To 600 Amperes, 120/208 Volt, MC Branch Breaker	4,648.96	324.53
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*194.69*	
26 24 13 00-0098	EA	400 To 800 Amperes, 120/208 Volt, MC Branch Breaker	7,475.71	324.53
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*194.69*	
26 24 13 00-0099	EA	600 To 1,200 Amperes, 120/208 Volt, MC Branch Breaker	12,111.53	578.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*347.02*	

26 24 13 00-0100 Fusible Switch Type 277/480 Volt, 3 Phase, 4 Wire *(26 24 13)*

26 24 13 00-0101 Incoming Service Section Main Device Only *(26 24 13 00-0100)*

Note: Copper bus, non-metering type, with fuses.

26 24 13 00-0102	EA	400 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch	5,481.37	1,390.37
26 24 13 00-0103	EA	600 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch	6,024.52	1,478.35
26 24 13 00-0104	EA	800 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch	8,646.74	1,650.11
26 24 13 00-0105	EA	1,200 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch	9,458.33	1,766.83
26 24 13 00-0106	EA	400 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker	7,057.64	1,390.37
26 24 13 00-0107	EA	600 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker	9,557.48	1,478.35
26 24 13 00-0108	EA	800 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker	10,833.18	1,651.97
26 24 13 00-0109	EA	1,200 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker	13,735.17	1,766.83
26 24 13 00-0110	EA	1,600 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker	14,364.99	1,884.02
26 24 13 00-0111	EA	2,000 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker	15,981.49	2,001.08
26 24 13 00-0112	EA	400 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	2,988.48	898.26
26 24 13 00-0113	EA	600 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	3,349.51	956.32
26 24 13 00-0114	EA	800 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	3,908.03	1,100.85
26 24 13 00-0115	EA	1,000 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	4,211.35	1,147.10
26 24 13 00-0116	EA	1,200 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	4,505.08	1,188.48
26 24 13 00-0117	EA	1,600 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	4,893.09	1,274.25
26 24 13 00-0118	EA	2,000 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	5,286.39	1,361.64

26 24 13 00-0119 Branch Breaker Units *(26 24 13 00-0100)*

Note: Includes branch breaker(s) and portion of distribution section occupied by that breaker. 480 V, 3 pole. Use upper range to determine breaker unless designing for future expansion.

26 24 13 00-0120	EA	15 To 60 Amperes, 480/277 Volt, MC Branch Breaker	776.92	35.35
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*21.21*	
26 24 13 00-0121	EA	70 To 100 Amperes, 480/277 Volt, MC Branch Breaker	892.82	55.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*33.38*	
26 24 13 00-0122	EA	125 To 225 Amperes, 480/277 Volt, MC Branch Breaker	1,619.03	101.41
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*60.85*	
26 24 13 00-0123	EA	100 To 400 Amperes, 480/277 Volt, MC Branch Breaker	2,618.31	132.13
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*79.28*	
26 24 13 00-0124	EA	300 To 600 Amperes, 480/277 Volt, MC Branch Breaker	6,272.32	324.53
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*194.69*	
26 24 13 00-0125	EA	400 To 800 Amperes, 480/277 Volt, MC Branch Breaker	6,417.33	324.53
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*194.69*	
26 24 13 00-0126	EA	600 To 1,200 Amperes, 480/277 Volt, MC Branch Breaker	10,286.67	578.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*347.02*	

26 24 13 00-0127 Fusible Branch Circuit Switch *(26 24 13)*

Note: Includes switch fuses, and portion of distribution section occupied by that branch device.

26 24 13 00-0128 240 Volt, 2 Pole Twin Branch Switch Units *(26 24 13 00-0127)*

26 24 13 00-0129	EA	30/30 Amperes, 240 Volt, 2 Pole Twin Branch Switch Unit	790.58	90.98
		For Electrical Interlock Kit, Add	*329.23*	
26 24 13 00-0130	EA	30/60 Amperes, 240 Volt, 2 Pole Twin Branch Switch Unit	787.76	90.98
		For Electrical Interlock Kit, Add	*329.23*	
26 24 13 00-0131	EA	60/60 Amperes, 240 Volt, 2 Pole Twin Branch Switch Unit	787.76	90.98
		For Electrical Interlock Kit, Add	*329.23*	
26 24 13 00-0132	EA	60/100 Amperes, 240 Volt, 2 Pole Twin Branch Switch Unit	1,240.51	119.96
		For Electrical Interlock Kit, Add	*329.23*	
26 24 13 00-0133	EA	100/100 Amperes, 240 Volt, 2 Pole Twin Branch Switch Unit	1,240.51	119.96
		For Electrical Interlock Kit, Add	*329.23*	

26 24 13 00-0134 240 Volt, 2 Pole Single Branch Switch Units *(26 24 13 00-0127)*

26 24 13 00-0135	EA	100 Amperes, 240 Volt, 2 Pole Single Branch Switch Unit	907.03	89.25
		For Electrical Interlock Kit, Add	*315.39*	
26 24 13 00-0136	EA	200 Amperes, 240 Volt, 2 Pole Single Branch Switch Unit	1,329.95	89.25
		For Electrical Interlock Kit, Add	*315.39*	
26 24 13 00-0137	EA	400 Amperes, 240 Volt, 2 Pole Single Branch Switch Unit	3,416.37	240.50

26 24 13 00-0138 240 Volt, 3 Pole Twin Branch Switch Units *(26 24 13 00-0127)*

26 24 13 00-0139	EA	30/30 Amperes, 240 Volt, 3 Pole Twin Branch Switch Unit	1,015.64	102.58
		For Electrical Interlock Kit, Add	*329.23*	
26 24 13 00-0140	EA	30/60 Amperes, 240 Volt, 3 Pole Twin Branch Switch Unit	1,012.82	102.58
		For Electrical Interlock Kit, Add	*329.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 13 00-0141	EA	60/60 Amperes, 240 Volt, 3 Pole Twin Branch Switch Unit	1,012.82	102.58
		For Electrical Interlock Kit, Add	*329.23*	
26 24 13 00-0142	EA	60/100 Amperes, 240 Volt, 3 Pole Twin Branch Switch Unit	1,528.84	137.35
		For Electrical Interlock Kit, Add	*329.23*	
26 24 13 00-0143	EA	100/100 Amperes, 240 Volt, 3 Pole Twin Branch Switch Unit	1,528.84	137.35
		For Electrical Interlock Kit, Add	*329.23*	
26 24 13 00-0144		**240 Volt, 3 Pole Single Branch Switch Units** *(26 24 13 00-0127)*		
26 24 13 00-0145	EA	100 Amperes, 240 Volt, 3 Pole Single Branch Switch Unit	1,099.87	100.83
		For Electrical Interlock Kit, Add	*329.23*	
26 24 13 00-0146	EA	200 Amperes, 240 Volt, 3 Pole Single Branch Switch Unit	1,789.31	100.83
		For Electrical Interlock Kit, Add	*315.39*	
26 24 13 00-0147	EA	400 Amperes, 240 Volt, 3 Pole Single Branch Switch Unit	4,585.19	269.24
26 24 13 00-0148	EA	600 Amperes, 240 Volt, 3 Pole Single Branch Switch Unit	6,555.09	344.93
26 24 13 00-0149	EA	800 Amperes, 240 Volt, 3 Pole Single Branch Switch Unit	12,232.58	467.32
26 24 13 00-0150		**600 Volt, 3 Pole Twin Branch Switch Units** *(26 24 13 00-0127)*		
26 24 13 00-0151	EA	30/30 Amperes, 600 Volt, 3 Pole Twin Branch Switch Unit	1,442.57	102.58
		For Electrical Interlock Kit, Add	*329.23*	
26 24 13 00-0152	EA	30/60 Amperes, 600 Volt, 3 Pole Twin Branch Switch Unit	1,439.71	102.58
		For Electrical Interlock Kit, Add	*329.23*	
26 24 13 00-0153	EA	60/60 Amperes, 600 Volt, 3 Pole Twin Branch Switch Unit	1,442.57	102.58
		For Electrical Interlock Kit, Add	*329.23*	
26 24 13 00-0154	EA	60/100 Amperes, 600 Volt, 3 Pole Twin Branch Switch Unit	2,173.01	137.35
		For Electrical Interlock Kit, Add	*329.23*	
26 24 13 00-0155	EA	100/100 Amperes, 600 Volt, 3 Pole Twin Branch Switch Unit	2,220.68	137.35
		For Electrical Interlock Kit, Add	*329.23*	
26 24 13 00-0156	EA	200/200 Amperes, 600 Volt, 3 Pole Twin Branch Switch Unit	4,748.90	179.66
		For Electrical Interlock Kit, Add	*329.23*	
26 24 13 00-0157		**600 Volt, 3 Pole, Single Branch Switch Units** *(26 24 13 00-0127)*		
26 24 13 00-0158	EA	100 Amperes, 600 Volt, 3 Pole Single Branch Switch Unit	1,559.69	100.83
		For Electrical Interlock Kit, Add	*329.23*	
26 24 13 00-0159	EA	200 Amperes, 600 Volt, 3 Pole Single Branch Switch Unit	2,373.07	100.83
		For Electrical Interlock Kit, Add	*315.39*	
26 24 13 00-0160	EA	400 Amperes, 600 Volt, 3 Pole Single Branch Switch Unit	5,769.30	269.24
		For Electrical Interlock Kit, Add	*315.39*	
26 24 13 00-0161	EA	600 Amperes, 600 Volt, 3 Pole Single Branch Switch Unit	7,003.28	344.93
26 24 13 00-0162	EA	800 Amperes, 600 Volt, 3 Pole Single Branch Switch Unit	12,232.58	467.32
26 24 13 00-0163		**Service And Distribution Structures** *(26 24 13)*		
26 24 13 00-0164		**Distribution Section 600 Volt, 250 Volt DC** *(26 24 13 00-0163)*		
26 24 13 00-0165		**600 Amperes, 4 Wire, Main Bus** *(26 24 13 00-0164)*		
26 24 13 00-0166	EA	14 Watt Distribution Section, 600 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus	2,768.15	1,066.31
26 24 13 00-0167	EA	24 To 30 Watt Distribution Section, 600 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus	3,315.27	1,066.31
26 24 13 00-0168	EA	34 To 38 Watt Distribution Section, 600 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus	3,691.72	1,356.07
26 24 13 00-0169	EA	42 To 48 Watt Distribution Section, 600 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus	4,066.15	1,356.07
26 24 13 00-0170		**800 Amperes, 4 Wire, Main Bus** *(26 24 13 00-0164)*		
26 24 13 00-0171	EA	14 Watt Distribution Section, 800 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus	3,108.91	1,234.37
26 24 13 00-0172	EA	24 To 30 Watt Distribution Section, 800 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus	3,641.22	1,234.37
26 24 13 00-0173	EA	34 To 38 Watt Distribution Section, 800 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus	4,066.15	1,529.93
26 24 13 00-0174	EA	42 To 48 Watt Distribution Section, 800 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus	4,402.52	1,529.93
26 24 13 00-0175		**1,200 Amperes, 4 Wire, Main Bus** *(26 24 13 00-0164)*		
26 24 13 00-0176	EA	14 Watt Distribution Section, 1,200 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus	3,636.31	1,506.74
26 24 13 00-0177	EA	24 To 30 Watt Distribution Section, 1,200 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus	4,181.27	1,506.74
26 24 13 00-0178	EA	34 To 38 Watt Distribution Section, 1,200 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus	4,632.49	1,854.46
26 24 13 00-0179	EA	42 To 48 Watt Distribution Section, 1,200 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus	5,125.27	1,854.46
26 24 13 00-0180		**1,600 Amperes, 4 Wire, Main Bus** *(26 24 13 00-0164)*		
26 24 13 00-0181	EA	14 Watt Distribution Section, 1,600 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus	4,526.23	1,651.63
26 24 13 00-0182	EA	24 To 30 Watt Distribution Section, 1,600 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus	5,172.51	1,651.63
26 24 13 00-0183	EA	34 To 38 Watt Distribution Section, 1,600 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus	5,707.46	2,039.91
26 24 13 00-0184	EA	42 To 48 Watt Distribution Section, 1,600 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus	6,136.73	2,039.91
26 24 13 00-0185		**2,000 Amperes, 4 Wire, Main Bus** *(26 24 13 00-0164)*		
26 24 13 00-0186	EA	14 Watt Distribution Section, 2,000 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus	4,741.11	1,657.42
26 24 13 00-0187	EA	24 To 30 Watt Distribution Section, 2,000 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus	5,437.86	1,866.04
26 24 13 00-0188	EA	34 To 38 Watt Distribution Section, 2,000 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus	5,558.87	1,866.04
26 24 13 00-0189	EA	42 To 48 Watt Distribution Section, 2,000 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus	5,786.30	1,970.36

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 13 00-0190		**3,000 Amperes, 4 Wire, Main Bus** *(26 24 13 00-0164)*		
26 24 13 00-0191	EA	24 To 30 Watt Distribution Section, 3,000 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus	6,588.33	1,866.04
26 24 13 00-0192	EA	34 To 38 Watt Distribution Section, 3,000 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus	6,707.53	1,866.04
26 24 13 00-0193	EA	42 To 48 Watt Distribution Section, 3,000 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus	6,934.96	1,970.36
26 24 13 00-0194		**4,000 Amperes, 4 Wire, Main Bus** *(26 24 13 00-0164)*		
26 24 13 00-0195	EA	24 To 30 Watt Distribution Section, 4,000 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus	6,736.92	1,970.36
26 24 13 00-0196	EA	34 To 38 Watt Distribution Section, 4,000 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus	6,934.96	1,970.36
26 24 13 00-0197	EA	42 To 48 Watt Distribution Section, 4,000 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus	7,017.09	1,970.36
26 24 13 00-0198		**Pull Boy, Horizontal Mounted Across Top Of Switch Board** *(26 24 13 00-0164)*		
26 24 13 00-0199	EA	18 - 24" Wide, 30" High, Open Bottom, Pull Boy Horizontal Mounted, Top Of Switchboard	601.42	139.08
26 24 13 00-0200	EA	Drilled Bottom For Pull Boy	677.81	139.08
26 24 13 00-0201	EA	Cable Supports In Pull Box	245.00	34.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.32*	
26 24 13 00-0202		**Underground Pull Sections** *(26 24 13 00-0164)*		
		Note: Excludes no bus or terminal.		
26 24 13 00-0203	EA	12 To 20" Wide, 15 - 20" Deep, Underground Pull Section Without Bus Or Terminal	580.28	162.27
26 24 13 00-0204	EA	24 To 28" Wide, 20" Deep, Underground Pull Section Without Bus Or Terminal	1,010.27	208.62
26 24 13 00-0205	EA	24 To 28" Wide, 30" Deep, Underground Pull Section Without Bus Or Terminal	1,010.27	208.62
26 24 13 00-0206	EA	14 To 20" Wide, 36" Deep, Underground Pull Section Without Bus Or Terminal	754.40	162.27
26 24 13 00-0207	EA	28 To 30" Wide, 36" Deep, Underground Pull Section Without Bus Or Terminal	1,083.47	237.60
26 24 13 00-0208	EA	14 To 20" Wide, 42 - 60" Deep, Underground Pull Section Without Bus Or Terminal	1,235.04	237.60
26 24 13 00-0209	EA	26 To 30" Wide, 42 - 60" Deep, Underground Pull Section Without Bus Or Terminal	1,292.60	307.14
26 24 13 00-0210	EA	38" Wide, 42 - 60" Deep, Underground Pull Section Without Bus Or Terminal	1,362.73	307.14
26 24 13 00-0211		**Switchboard Sections** *(26 24 13 00-0163)*		
26 24 13 00-0212	EA	600 Amperes, 480 Volt, 4 Wire, Switchboard Incoming No Switch Circuit	4,697.09	965.82
26 24 13 00-0213	EA	800 Amperes, 480 Volt, 4 Wire, Switchboard Incoming No Switch Circuit	5,145.61	1,049.86
26 24 13 00-0214	EA	1,200 Amperes, 480 Volt, 4 Wire, Switchboard Incoming No Switch Circuit	6,450.26	1,341.47
26 24 13 00-0215	EA	1,600 Amperes, 480 Volt, 4 Wire, Switchboard Incoming No Switch Circuit	7,054.88	1,463.40
26 24 13 00-0216	EA	2,000 Amperes, 480 Volt, 4 Wire, Switchboard Incoming No Switch Circuit	7,524.24	1,557.86
26 24 13 00-0217	EA	400 Amperes, 480 Volt, Switchboard Incoming For Switch Circuit Section	5,622.13	847.26
26 24 13 00-0218	EA	200 Amperes, Distribution Section Subfeeder Lug-Rated	3,164.79	804.83
26 24 13 00-0219	EA	400 Amperes, Distribution Section Subfeeder Lug-Rated	3,508.95	872.76
26 24 13 00-0220	EA	120/208 Or 277/480 Volt, 4 Wire, Distribution Section Aluminum Bus	8,022.75	965.82
26 24 13 00-0221	EA	800 Amperes, Switchboard Distribution Section Aluminum Bus Less Breaker	8,604.84	968.38
26 24 13 00-0222	EA	1,000 Amperes, Switchboard Distribution Section Aluminum Bus Less Breaker	9,442.80	1,081.15
26 24 13 00-0223	EA	15 To 60 Amperes, 240 Volt, 1 Phase, Feed Section Circuit Breaker FA Frame	175.69	57.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*35.39*	
26 24 13 00-0224	EA	70 To 100 Amperes, 240 Volt, 3 Phase, Feed Section Circuit Breaker FA Frame	214.71	59.00
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*41.81*	
26 24 13 00-0225	EA	70 To 225 Amperes, 480 Volt, 3 Phase, Feed Section Circuit Breaker KA Frame	1,013.63	69.66
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*90.08*	
26 24 13 00-0226	EA	125 To 400 Amperes, 480 Volt, 3 Phase, Feed Section Circuit Breaker LA Frame	1,684.59	150.10
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*125.44*	
26 24 13 00-0227	EA	100 Amperes, 240 Volt HIC, 3 Phase, Switchboard Feed Section Branch Circuit Breaker	666.28	209.09
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*72.44*	
26 24 13 00-0228	EA	225 Amperes, 240 Volt HIC, 3 Phase, Switchboard Feed Section Branch Circuit Breaker	1,903.37	120.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*90.08*	
26 24 13 00-0229		**Switchboard, Structure Per Section Copper, 480 Volt** *(26 24 13 00-0163)*		
26 24 13 00-0230	EA	225 Amperes, 480 Volt, Copper, Structure Per Section, Switchboard	2,434.68	503.02
26 24 13 00-0231	EA	400 Amperes, 480 Volt, Copper, Structure Per Section, Switchboard	3,467.29	680.24
26 24 13 00-0232	EA	600 Amperes, 480 Volt, Copper, Structure Per Section, Switchboard	3,882.48	827.90
26 24 13 00-0233	EA	800 Amperes, 480 Volt, Copper, Structure Per Section, Switchboard	4,883.21	1,159.04
26 24 13 00-0234	EA	1,200 Amperes, 480 Volt, Copper, Structure Per Section, Switchboard	6,049.73	1,448.79
26 24 13 00-0235	EA	1,600 Amperes, 480 Volt, Copper, Structure Per Section, Switchboard	6,684.65	1,448.79
26 24 13 00-0236	EA	2,000 Amperes, 480 Volt, Copper, Structure Per Section, Switchboard	8,236.02	1,931.77
26 24 13 00-0237	EA	2,500 Amperes, 480 Volt, Copper, Structure Per Section, Switchboard	9,453.45	1,931.77
26 24 13 00-0238	EA	3,000 Amperes, 480 Volt, Copper, Structure Per Section, Switchboard	11,113.27	2,299.65
26 24 13 00-0239	EA	4,000 Amperes, 480 Volt, Copper, Structure Per Section, Switchboard	13,353.46	2,299.65
26 24 13 00-0240		**Main Devices** *(26 24 13)*		
26 24 13 00-0241		**Power Circuit Breakers** *(26 24 13 00-0240)*		
26 24 13 00-0242		**DSL Breaker With Current Limiters And Amptector** *(26 24 13 00-0241)*		
		Note: 11 Static trip not applicable to ground-fault or plug in test feature. Manually operated.		
26 24 13 00-0243	EA	50 To 800 Amperes, DSL-206, Main Breaker With Current Limiter, Amptector Static Trip	8,609.22	1,216.98
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*728.65*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 13 00-0244	EA	50 To 1,600 Amperes, DSL-416, Main Breaker With Current Limiter, Amptector Static Trip	15,732.49	2,028.31
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1,215.77*	
26 24 13 00-0245	EA	1,200 To 3,200 Amperes, DSL-632, Main Breaker With Current Limiter, Amptector Static Trip	35,575.69	3,407.57
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2,026.28*	
26 24 13 00-0246	EA	4,000 Amperes, DSL-840, Main Breaker With Current Limiter, Amptector Static Trip	57,289.60	5,517.00
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3,369.29*	
26 24 13 00-0247	EA	Ground-Fault Trip All Power Breakers - Factory Installed	3,048.66	
26 24 13 00-0248	EA	Key Interlock All Power Breakers - Factory Installed	393.73	
26 24 13 00-0249	EA	Short Time Delay Selective Trip - Factory Installed	516.54	
26 24 13 00-0250	EA	Shunt Trip Manually Open Breakers - Factory Installed	372.05	

26 24 13 00-0251 DSL Breaker Electrical Operated And Amptector *(26 24 13 00-0241)*

Note: 11 Static trip not applicable to ground-fault or plug in test feature. Manually operated.

26 24 13 00-0252	EA	50 To 800 Amperes, DSL-206, Main Breaker, Electrical Operated With Amptector Static Trip	10,104.16	1,274.94
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*768.59*	
26 24 13 00-0253	EA	50 To 1,600 Amperes, DSL-416, Main Breaker, Electrical Operated With Amptector Static Trip	18,799.14	2,144.22
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1,280.23*	
26 24 13 00-0254	EA	1,200 To 3,200 Amperes, DSL-632, Main Breaker, Electrical Operated With Amptector Static Trip	39,996.05	3,535.06
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2,130.58*	
26 24 13 00-0255	EA	4,000 Amperes, DSL-840, Main Breaker, Electrical Operated With Amptector Static Trip	61,715.93	5,795.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3,562.61*	

26 24 13 00-0256 DS Breakers With Amptector Static Trip, Manually Operated *(26 24 13 00-0241)*

Note: Includes integral ground fault and plug-in test provision. Excludes system, add price from section drawout mounted manually operated.

26 24 13 00-0257	EA	50 To 800 Amperes, DS-206, Main Breaker With Groundfault, Amptector Static Trip	6,834.41	1,112.67
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*668.67*	
26 24 13 00-0258	EA	50 To 1,600 Amperes, DS-416, Main Breaker With Groundfault, Amptector Static Trip	12,526.72	1,866.04
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1,114.46*	
26 24 13 00-0259	EA	2,000 Amperes, DS-420, Main Breaker With Groundfault, Amptector Static Trip	18,525.15	3,129.39
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1,857.43*	
26 24 13 00-0260	EA	1,200 To 3,200 Amperes, DS-632, Main Breaker With Groundfault, Amptector Static Trip	31,993.68	5,041.80
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3,093.51*	
26 24 13 00-0261	EA	4,000 Amperes, DS-840, Main Breaker With Groundfault, Amptector Static Trip	52,042.56	8,229.15
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5,143.65*	

26 24 13 00-0262 DS Breakers With Amptector Static Trip, Electrically Operated *(26 24 13 00-0241)*

Note: Includes integral ground fault and plug-in test provision. Excludes system, add price from section drawout mounted electrical operated.

26 24 13 00-0263	EA	50 To 800 Amperes, DS-206, Main Breaker, Electrical Operated With Groundfault, Amptector Static Trip	8,093.18	1,066.31
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*637.77*	
26 24 13 00-0264	EA	50 To 1,600 Amperes, DS-416, Main Breaker, Electrical Operated With Groundfault, Amptector Static Trip	15,130.10	1,784.92
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1,062.69*	
26 24 13 00-0265	EA	2,000 Amperes, DS-420, Main Breaker, Electrical Operated With Groundfault, Amptector Static Trip	21,492.69	2,967.13
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1,774.04*	
26 24 13 00-0266	EA	1,200 To 3,200 Amperes, DS-632, Main Breaker, Electrical Operated With Groundfault, Amptector Static Trip	35,465.95	4,833.17
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*2,956.72*	
26 24 13 00-0267	EA	4,000 Amperes, DS-840, Main Breaker, Electrical Operated With Groundfault, Amptector Static Trip	55,397.22	8,287.11
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4,939.07*	

26 24 13 00-0268 Molded Case Circuit Breakers Conventional *(26 24 13 00-0241)*

26 24 13 00-0269	EA	70 To 225 Amperes, 3 Pole, Conventional Molded Case Circuit Breaker	2,846.50	973.59
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*560.82*	
26 24 13 00-0270	EA	125 To 400 Amperes, 3 Pole, Conventional Molded Case Circuit Breaker	4,206.10	973.59
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*610.02*	
26 24 13 00-0271	EA	300 To 600 Amperes, 3 Pole, Conventional Molded Case Circuit Breaker	4,667.12	1,159.04
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*668.67*	
26 24 13 00-0272	EA	400 To 800 Amperes, 3 Pole, Conventional Molded Case Circuit Breaker	5,562.66	1,159.04
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*724.40*	
26 24 13 00-0273	EA	600 To 1,200 Amperes, 3 Pole, Conventional Molded Case Circuit Breaker	8,313.68	1,390.85
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*793.86*	
26 24 13 00-0274	EA	1,000 To 2,000 Amperes, 3 Pole, Conventional Molded Case Circuit Breaker	13,519.52	1,390.85
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*878.06*	
26 24 13 00-0275	EA	Shunt Trip, Factory Installed	390.11	
26 24 13 00-0276	EA	Groundfault Trip Complete Interrupting Circuit, Factory Installed	90.30	

26 24 13 00-0277 Switchboard Branch Breaker 480 Volt *(26 24 13 00-0240)*

26 24 13 00-0278	EA	60 Amperes, 3 Phase, 480 Volt Switchboard Branch Breaker	606.73	84.03
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*50.39*	
26 24 13 00-0279	EA	100 Amperes, 3 Phase, 480 Volt Switchboard Branch Breaker	714.06	111.50
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*66.87*	
26 24 13 00-0280	EA	225 Amperes, 3 Phase, 480 Volt Switchboard Branch Breaker	2,084.79	167.83
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*100.73*	
26 24 13 00-0281	EA	400 Amperes, 3 Phase, 480 Volt Switchboard Branch Breaker	2,757.19	210.60
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*126.35*	
26 24 13 00-0282	EA	600 Amperes, 3 Phase, 480 Volt Switchboard Branch Breaker	3,333.63	282.45
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*169.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 13 00-0283	EA	800 Amperes, 3 Phase, 480 Volt Switchboard Branch Breaker	4,023.28	362.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*217.32*	
26 24 13 00-0284	EA	1,000 Amperes, 3 Phase, 480 Volt Switchboard Branch Breaker	6,475.21	551.94
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*331.15*	
26 24 13 00-0285	EA	1,200 Amperes, 3 Phase, 480 Volt Switchboard Branch Breaker	6,475.21	551.94
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*331.15*	
26 24 13 00-0286	EA	1,600 Amperes, 3 Phase, 480 Volt Switchboard Branch Breaker	9,082.07	772.73
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*463.61*	
26 24 13 00-0287	EA	2,000 Amperes, 3 Phase, 480 Volt Switchboard Branch Breaker	11,307.29	1,159.04
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*695.42*	
26 24 13 00-0288		**Switchboard 277/480 Volt Main Breaker** *(26 24 13 00-0240)*		
26 24 13 00-0289	EA	400 Amperes, 277/480 Volt, Main Breaker, Switchboard	7,370.29	503.02
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*301.83*	
26 24 13 00-0290	EA	600 Amperes, 277/480 Volt, Main Breaker, Switchboard	7,465.93	550.89
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*330.53*	
26 24 13 00-0291	EA	800 Amperes, 277/480 Volt, Main Breaker, Switchboard	8,019.95	827.90
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*496.73*	
26 24 13 00-0292	EA	1,200 Amperes, 277/480 Volt, Main Breaker, Switchboard	13,751.13	1,159.04
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*695.42*	
26 24 13 00-0293	EA	1,600 Amperes, 277/480 Volt, Main Breaker, Switchboard	13,997.30	1,282.12
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*769.27*	
26 24 13 00-0294	EA	2,000 Amperes, 277/480 Volt, Main Breaker, Switchboard	18,399.88	2,299.65
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1,379.80*	
26 24 13 00-0295		**Branch Or Distribution Devices** *(26 24 13)*		
26 24 13 00-0296		**3 Pole, Panel Mounted, Molded Case Circuit Breakers** *(26 24 13 00-0295)*		
		Note: Includes certified refurbished circuit breakers.		
26 24 13 00-0297	EA	15 To 60 Amperes, 600 Volt, Type EHB, 3 Pole, Panel Mounted, Molded Case Circuit Breaker	641.33	41.73
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.82*	
26 24 13 00-0298	EA	70 To 100 Amperes, 600 Volt, Type EHB, 3 Pole, Panel Mounted, Molded Case Circuit Breaker	645.32	52.16
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*34.77*	
26 24 13 00-0299	EA	125 To 150 Amperes, 600 Volt, Type FB, 3 Pole, Panel Mounted, Molded Case Circuit Breaker	1,567.76	62.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*41.72*	
26 24 13 00-0300	EA	70 To 225 Amperes, 600 Volt, Type JDB, 3 Pole, Panel Mounted, Molded Case Circuit Breaker	2,275.76	81.13
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*53.90*	
26 24 13 00-0301	EA	125 To 400 Amperes, 600 Volt, Type LBB, 3 Pole, Panel Mounted, Molded Case Circuit Breaker	3,211.80	100.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*66.76*	
26 24 13 00-0302	EA	300 To 600 Amperes, 600 Volt, Type LC, 3 Pole, Panel Mounted, Molded Case Circuit Breaker	4,209.96	117.06
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*78.23*	
26 24 13 00-0303	EA	900 To 1,000 Amperes, 600 Volt, Type NB, 3 Pole, Panel Mounted, Molded Case Circuit Breaker	6,437.73	132.13
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*88.32*	
26 24 13 00-0304		**2 Pole, Panel Mounted, Molded Case Circuit Breakers** *(26 24 13 00-0295)*		
		Note: Includes certified refurbished circuit breakers.		
26 24 13 00-0305	EA	15 To 60 Amperes, 600 Volt, Type EHB, 2 Pole, Panel Mounted, Molded Case Circuit Breaker	441.30	31.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.86*	
26 24 13 00-0306	EA	70 To 100 Amperes, 600 Volt, Type EHB, 2 Pole, Panel Mounted, Molded Case Circuit Breaker	566.63	41.73
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.82*	
26 24 13 00-0307	EA	125 To 150 Amperes, 600 Volt, Type FB, 2 Pole, Panel Mounted, Molded Case Circuit Breaker	1,564.65	52.16
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*34.77*	
26 24 13 00-0308	EA	70 To 225 Amperes, 600 Volt, Type JDB, 2 Pole, Panel Mounted, Molded Case Circuit Breaker	2,485.01	57.95
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*38.25*	
26 24 13 00-0309	EA	125 To 400 Amperes, 600 Volt, Type LBB, 2 Pole, Panel Mounted, Molded Case Circuit Breaker	2,622.43	75.33
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*50.42*	
26 24 13 00-0310	EA	900 To 1,000 Amperes, 600 Volt, Type NB, 2 Pole, Panel Mounted, Molded Case Circuit Breaker	5,958.10	109.53
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*73.02*	
26 24 13 00-0311		**Meter Devices And Instrumentation** *(26 24 13)*		
		Note: Factory installed accessories.		
26 24 13 00-0312		**Compartments For Instrument Transformers And Metering Devices** *(26 24 13 00-0311)*		
26 24 13 00-0313	EA	Compartment For, Up To 800 Amperes, Primary Current Transformer	471.39	
26 24 13 00-0314	EA	Compartment For, 1,000 To 1,500 Amperes, Primary Current Transformer	680.89	
26 24 13 00-0315	EA	Compartment For, 2,000 To 6,000 Amperes, Primary Current Transformer	801.90	
26 24 13 00-0316		**Instruments** *(26 24 13 00-0311)*		
26 24 13 00-0317	EA	AC Voltmeter	642.96	
26 24 13 00-0318	EA	AC Ammeter	642.96	
26 24 13 00-0319	EA	AC Wattmeter	1,717.58	
26 24 13 00-0320	EA	Variometer	1,939.73	
26 24 13 00-0321	EA	Power Factor Meter	1,549.62	
26 24 13 00-0322	EA	Frequency Meter	1,710.36	
26 24 13 00-0323	EA	200 Volt-Amperes Max Potential Transformer	577.95	
26 24 13 00-0324	EA	AC Watt-hour Meter Indicating 1 Or 2 Element With Test Block And Plug Block	2,176.33	
26 24 13 00-0325	EA	AC Watt-hour Meter Recording 2 Element With Recording KW Demand Type R-2	3,641.06	
26 24 13 00-0326	EA	Weatherproof, Modify Meter	3,457.60	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 13 00-0327	EA	Control Switch Resistor Type 130 V	79.68	
26 24 13 00-0328	EA	Metering Instrument: Voltage, Amperes And Watt Hour	4,392.03	

26 24 16 Panelboards *(26 24)*

26 24 16 00-0001 Branch Circuit Panelboard *(26 24 16)*

Note: Includes wiring connections, drilling hole (or removing knock-out on residential units), labeling and testing. All NEMA 3R panelboards include weatherproof hubs. Copper bussing. Panelboards with less than a 30 circuit capacity do not have the door in a door trim front option.

26 24 16 00-0002 Assembled Lighting And Power Panelboards *(26 24 16 00-0001)*

Note: Includes main lugs or breaker (as indicated). 20 Amp, 1 pole branch circuit plug-on breakers (the number of which is indicated). Panelboard box, trim and connection of main service cable from meter.

26 24 16 00-0003 120/240 Volt, 3 Wire, 1 Phase, Main Lugs Assembled Panelboards *(26 24 16 00-0002)*

26 24 16 00-0004	EA	100 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 12 Circuit Capacity Assembled Panelboard With Eight 20 Ampere Breakers	1,288.26	330.32
		For NEMA 3R Panelboard, Add	*1,534.02*	
26 24 16 00-0005	EA	100 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Ten 20 Ampere Breakers	1,462.44	330.32
		For NEMA 3R Panelboard, Add	*1,534.02*	
26 24 16 00-0006	EA	100 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Twelve 20 Ampere Breakers	1,659.10	457.82
		For NEMA 3R Panelboard, Add	*1,534.02*	
26 24 16 00-0007	EA	100 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Fourteen 20 Ampere Breakers	1,858.90	457.82
		For NEMA 3R Panelboard, Add	*1,534.02*	
26 24 16 00-0008	EA	100 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Sixteen 20 Ampere Breakers	2,046.29	573.73
		For NEMA 3R Panelboard, Add	*1,534.02*	
26 24 16 00-0009	EA	100 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 24 Circuit Capacity Assembled Panelboard With Eighteen 20 Ampere Breakers	2,238.59	573.73
		For NEMA 3R Panelboard, Add	*1,534.02*	
26 24 16 00-0010	EA	100 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 24 Circuit Capacity Assembled Panelboard With Twenty 20 Ampere Breakers	2,424.59	660.65
		For NEMA 3R Panelboard, Add	*1,534.02*	
26 24 16 00-0011	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Twenty-Two 20 Ampere Breakers	2,909.27	846.10
		For NEMA 3R Panelboard, Add	*1,687.00*	
		For Door-In-Door (Hinged) Trim Front, Add	*123.27*	
26 24 16 00-0012	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Twenty-Four 20 Ampere Breakers	3,060.12	846.10
		For NEMA 3R Panelboard, Add	*1,687.00*	
		For Door-In-Door (Hinged) Trim Front, Add	*123.27*	
26 24 16 00-0013	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard WithTwenty-Six 20 Ampere Breakers	3,209.56	967.80
		For NEMA 3R Panelboard, Add	*1,687.00*	
		For Door-In-Door (Hinged) Trim Front, Add	*123.27*	
26 24 16 00-0014	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Twenty-Eight 20 Ampere Breakers	3,451.19	967.80
		For NEMA 3R Panelboard, Add	*1,992.76*	
		For Door-In-Door (Hinged) Trim Front, Add	*210.53*	
26 24 16 00-0015	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty 20 Ampere Breakers	3,600.69	1,089.49
		For NEMA 3R Panelboard, Add	*1,992.76*	
		For Door-In-Door (Hinged) Trim Front, Add	*210.53*	
26 24 16 00-0016	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Two 20 Ampere Breakers	3,821.62	1,089.49
		For NEMA 3R Panelboard, Add	*1,992.76*	
		For Door-In-Door (Hinged) Trim Front, Add	*210.53*	
26 24 16 00-0017	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Four 20 Ampere Breakers	3,955.33	1,205.40
		For NEMA 3R Panelboard, Add	*1,992.76*	
		For Door-In-Door (Hinged) Trim Front, Add	*210.53*	
26 24 16 00-0018	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Six 20 Ampere Breakers	4,179.26	1,205.40
		For NEMA 3R Panelboard, Add	*1,992.76*	
		For Door-In-Door (Hinged) Trim Front, Add	*210.53*	
26 24 16 00-0019	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Eight 20 Ampere Breakers	4,383.34	1,332.89
		For NEMA 3R Panelboard, Add	*1,992.76*	
		For Door-In-Door (Hinged) Trim Front, Add	*210.53*	
26 24 16 00-0020	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 54 Circuit Capacity Assembled Panelboard With Forty 20 Ampere Breakers	4,526.06	1,332.89
		For NEMA 3R Panelboard, Add	*2,074.05*	
		For Door-In-Door (Hinged) Trim Front, Add	*269.07*	
26 24 16 00-0021	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 54 Circuit Capacity Assembled Panelboard With Forty-Two 20 Ampere Breakers	4,729.97	1,332.89
		For NEMA 3R Panelboard, Add	*2,074.05*	
		For Door-In-Door (Hinged) Trim Front, Add	*269.07*	

26 24 16 00-0022 120/240 Volt, 3 Wire, 1 Phase, Main Breaker Assembled Panelboards *(26 24 16 00-0002)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0023	EA	50 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Up To 50 Ampere Main Breaker, 12 Circuit Capacity Assembled Panelboard With Eight 20 Ampere Breakers	1,535.44	318.74
		For NEMA 3R Panelboard, Add	*1,534.02*	
26 24 16 00-0024	EA	50 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Up To 50 Ampere Main Breaker, 12 Circuit Capacity Assembled Panelboard With Ten 20 Ampere Breakers	1,712.14	318.74
		For NEMA 3R Panelboard, Add	*1,534.02*	
26 24 16 00-0025	EA	100 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >50 To 100 Ampere Main Breaker, 20 Circuit Capacity Assembled Panelboard With Twelve 20 Ampere Breakers	2,115.84	544.75
		For NEMA 3R Panelboard, Add	*1,534.02*	
26 24 16 00-0026	EA	100 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >50 To 100 Ampere Main Breaker, 20 Circuit Capacity Assembled Panelboard With Fourteen 20 Ampere Breakers	2,400.53	544.75
		For NEMA 3R Panelboard, Add	*1,534.02*	
26 24 16 00-0027	EA	100 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >50 To 100 Ampere Main Breaker, 20 Circuit Capacity Assembled Panelboard With Sixteen 20 Ampere Breakers	2,591.77	666.44
		For NEMA 3R Panelboard, Add	*1,534.02*	
26 24 16 00-0028	EA	100 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >50 To 100 Ampere Main Breaker, 24 Circuit Cpacity Assembled Panelboard With Eighteen 20 Ampere Breakers	2,790.92	666.44
		For NEMA 3R Panelboard, Add	*1,534.02*	
26 24 16 00-0029	EA	100 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >50 To 100 Ampere Main Breaker, 24 Circuit Capacity Assembled Panelboard With Twenty 20 Ampere Breakers	2,968.29	799.74
		For NEMA 3R Panelboard, Add	*1,534.02*	
26 24 16 00-0030	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >100 To 225 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Two 20 Ampere Breakers	3,593.82	799.74
		For NEMA 3R Panelboard, Add	*1,687.00*	
		For Door-In-Door (Hinged) Trim Front, Add	*123.27*	
26 24 16 00-0031	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >100 To 225 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Four 20 Ampere Breakers	3,751.30	979.38
		For NEMA 3R Panelboard, Add	*1,687.00*	
		For Door-In-Door (Hinged) Trim Front, Add	*123.27*	
26 24 16 00-0032	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >100 To 225 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Six 20 Ampere Breakers	3,921.91	979.38
		For NEMA 3R Panelboard, Add	*1,687.00*	
		For Door-In-Door (Hinged) Trim Front, Add	*123.27*	
26 24 16 00-0033	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Twenty-Eight 20 Ampere Breakers	4,108.31	1,101.09
		For NEMA 3R Panelboard, Add	*1,992.76*	
		For Door-In-Door (Hinged) Trim Front, Add	*210.53*	
26 24 16 00-0034	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty 20 Ampere Breakers	4,260.39	1,101.09
		For NEMA 3R Panelboard, Add	*1,992.76*	
		For Door-In-Door (Hinged) Trim Front, Add	*210.53*	
26 24 16 00-0035	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Two 20 Ampere Breakers	4,422.23	1,205.40
		For NEMA 3R Panelboard, Add	*1,992.76*	
		For Door-In-Door (Hinged) Trim Front, Add	*210.53*	
26 24 16 00-0036	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Four 20 Ampere Breakers	4,595.28	1,205.40
		For NEMA 3R Panelboard, Add	*1,992.76*	
		For Door-In-Door (Hinged) Trim Front, Add	*210.53*	
26 24 16 00-0037	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Six 20 Ampere Breakers	4,781.40	1,425.62
		For NEMA 3R Panelboard, Add	*1,992.76*	
		For Door-In-Door (Hinged) Trim Front, Add	*210.53*	
26 24 16 00-0038	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Eight 20 Ampere Breakers	4,982.82	1,425.62
		For NEMA 3R Panelboard, Add	*1,992.76*	
		For Door-In-Door (Hinged) Trim Front, Add	*210.53*	
26 24 16 00-0039	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >100 To 225 Ampere Main Breaker, 54 Circuit Capacity Assembled Panelboard With Forty 20 Ampere Breakers	5,202.33	1,425.62
		For NEMA 3R Panelboard, Add	*2,074.05*	
		For Door-In-Door (Hinged) Trim Front, Add	*269.07*	
26 24 16 00-0040	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >100 To 225 Ampere Main Breaker, 54 Circuit Capacity Assembled Panelboard With Forty-Two 20 Ampere Breakers	5,339.40	1,506.74
		For NEMA 3R Panelboard, Add	*2,074.05*	
		For Door-In-Door (Hinged) Trim Front, Add	*269.07*	

26 24 16 00-0041 120/208 Volt, 4 Wire, 3 Phase, Main Lugs Assembled Panelboards *(26 24 16 00-0002)*

26 24 16 00-0042	EA	100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 12 Circuit Capacity Assembled Panelboard With Eight 20 Ampere Breakers	1,557.45	376.69
		For NEMA 3R Panelboard, Add	*1,534.02*	
26 24 16 00-0043	EA	100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Ten 20 Ampere Breakers	1,746.11	376.69
		For NEMA 3R Panelboard, Add	*1,534.02*	
26 24 16 00-0044	EA	100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Twelve 20 Ampere Breakers	1,960.66	504.18
		For NEMA 3R Panelboard, Add	*1,534.02*	
26 24 16 00-0045	EA	100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Fourteen 20 Ampere Breakers	2,186.60	504.18
		For NEMA 3R Panelboard, Add	*1,534.02*	
26 24 16 00-0046	EA	100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Sixteen 20 Ampere Breakers	2,388.81	620.08
		For NEMA 3R Panelboard, Add	*1,534.02*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0047	EA	100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 24 Circuit Capacity Assembled Panelboard With Eighteen 20 Ampere Breakers	2,604.62	620.08
		For NEMA 3R Panelboard, Add	*1,534.02*	
26 24 16 00-0048	EA	100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 24 Circuit Capacity Assembled Panelboard With Twenty 20 Ampere Breakers	2,808.25	735.99
		For NEMA 3R Panelboard, Add	*1,534.02*	
26 24 16 00-0049	EA	100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Twenty-Two 20 Ampere Breakers	3,017.59	735.99
		For NEMA 3R Panelboard, Add	*1,687.00*	
		For Door-In-Door (Hinged) Trim Front, Add	*123.27*	
26 24 16 00-0050	EA	100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Twenty-Four 20 Ampere Breakers	3,213.50	863.49
		For NEMA 3R Panelboard, Add	*1,687.00*	
		For Door-In-Door (Hinged) Trim Front, Add	*123.27*	
26 24 16 00-0051	EA	100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Twenty-Six 20 Ampere Breakers	3,439.14	863.49
		For NEMA 3R Panelboard, Add	*1,687.00*	
		For Door-In-Door (Hinged) Trim Front, Add	*123.27*	
26 24 16 00-0052	EA	100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Twenty-Eight 20 Ampere Breakers	3,667.95	996.77
		For NEMA 3R Panelboard, Add	*1,687.00*	
		For Door-In-Door (Hinged) Trim Front, Add	*123.27*	
26 24 16 00-0053	EA	100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Thirty 20 Ampere Breakers	3,893.54	996.77
		For NEMA 3R Panelboard, Add	*1,687.00*	
		For Door-In-Door (Hinged) Trim Front, Add	*123.27*	
26 24 16 00-0054	EA	225 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Two 20 Ampere Breakers	4,340.81	1,205.40
		For NEMA 3R Panelboard, Add	*1,992.76*	
		For Door-In-Door (Hinged) Trim Front, Add	*210.53*	
26 24 16 00-0055	EA	225 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Four 20 Ampere Breakers	4,492.02	1,205.40
		For NEMA 3R Panelboard, Add	*1,992.76*	
		For Door-In-Door (Hinged) Trim Front, Add	*210.53*	
26 24 16 00-0056	EA	225 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Six 20 Ampere Breakers	4,755.83	1,338.68
		For NEMA 3R Panelboard, Add	*1,992.76*	
		For Door-In-Door (Hinged) Trim Front, Add	*210.53*	
26 24 16 00-0057	EA	225 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Eight 20 Ampere Breakers	4,993.47	1,338.68
		For NEMA 3R Panelboard, Add	*1,992.76*	
		For Door-In-Door (Hinged) Trim Front, Add	*210.53*	
26 24 16 00-0058	EA	225 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 54 Circuit Capacity Assembled Panelboard With Forty 20 Ampere Breakers	5,163.11	1,460.39
		For NEMA 3R Panelboard, Add	*2,074.05*	
		For Door-In-Door (Hinged) Trim Front, Add	*269.07*	
26 24 16 00-0059	EA	225 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 54 Circuit Capacity Assembled Panelboard With Forty-Two 20 Ampere Breakers	5,398.71	1,460.39
		For NEMA 3R Panelboard, Add	*2,074.05*	
		For Door-In-Door (Hinged) Trim Front, Add	*269.07*	
26 24 16 00-0060	EA	400 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Two 20 Ampere Breakers	5,271.20	1,295.81
		For NEMA 3R Panelboard, Add	*1,992.76*	
		For Door-In-Door (Hinged) Trim Front, Add	*210.53*	
26 24 16 00-0061	EA	400 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Four 20 Ampere Breakers	5,438.14	1,361.87
		For NEMA 3R Panelboard, Add	*1,992.76*	
		For Door-In-Door (Hinged) Trim Front, Add	*210.53*	
26 24 16 00-0062	EA	400 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Six 20 Ampere Breakers	5,713.51	1,434.31
		For NEMA 3R Panelboard, Add	*1,992.76*	
		For Door-In-Door (Hinged) Trim Front, Add	*210.53*	
26 24 16 00-0063	EA	400 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Eight 20 Ampere Breakers	5,968.57	1,518.34
		For NEMA 3R Panelboard, Add	*1,992.76*	
		For Door-In-Door (Hinged) Trim Front, Add	*210.53*	
26 24 16 00-0064	EA	400 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 54 Circuit Capacity Assembled Panelboard With Forty 20 Ampere Breakers	6,148.29	1,564.70
		For NEMA 3R Panelboard, Add	*2,074.05*	
		For Door-In-Door (Hinged) Trim Front, Add	*269.07*	
26 24 16 00-0065	EA	400 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 54 Circuit Capacity Assembled Panelboard With Forty-Two 20 Ampere Breakers	6,435.24	1,660.32
		For NEMA 3R Panelboard, Add	*2,074.05*	
		For Door-In-Door (Hinged) Trim Front, Add	*269.07*	
26 24 16 00-0066		120/208 Volt, 4 Wire, 3 Phase, Main Breaker Assembled Panelboards *(26 24 16 00-0002)*		
26 24 16 00-0067	EA	50 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Up To 50 Ampere Main Breaker, 12 Circuit Capacity Assembled Panelboard With Eight 20 Ampere Breakers	1,863.21	365.09
		For NEMA 3R Panelboard, Add	*1,534.02*	
26 24 16 00-0068	EA	50 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Up To 50 Ampere Main Breaker, 20 Circuit Capacity Assembled Panelboard With Ten 20 Ampere Breakers	2,054.25	365.09
		For NEMA 3R Panelboard, Add	*1,534.02*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0069	EA	50 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Up To 50 Ampere Main Breaker, 20 Circuit Capacity Assembled Panelboard With Twelve 20 Ampere Breakers	2,282.47	481.00
		For NEMA 3R Panelboard, Add	*1,534.02*	
26 24 16 00-0070	EA	50 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Up To 50 Ampere Main Breaker, 20 Circuit Capacity Assembled Panelboard With Fourteen 20 Ampere Breakers	2,603.38	481.00
		For NEMA 3R Panelboard, Add	*1,534.02*	
26 24 16 00-0071	EA	100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 20 Circuit Capacity Assembled Panelboard With Sixteen 20 Ampere Breakers	3,064.14	724.39
		For NEMA 3R Panelboard, Add	*1,534.02*	
26 24 16 00-0072	EA	100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 24 Circuit Capacity Assembled Panelboard With Eighteen 20 Ampere Breakers	3,261.96	724.39
		For NEMA 3R Panelboard, Add	*1,534.02*	
26 24 16 00-0073	EA	100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 24 Circuit Capacity Assembled Panelboard With Twenty 20 Ampere Breakers	3,475.56	846.10
		For NEMA 3R Panelboard, Add	*1,534.02*	
26 24 16 00-0074	EA	100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Two 20 Ampere Breakers	3,652.68	846.10
		For NEMA 3R Panelboard, Add	*1,687.00*	
		For Door-In-Door (Hinged) Trim Front, Add	*123.27*	
26 24 16 00-0075	EA	100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Four 20 Ampere Breakers	3,892.71	979.38
		For NEMA 3R Panelboard, Add	*1,687.00*	
		For Door-In-Door (Hinged) Trim Front, Add	*123.27*	
26 24 16 00-0076	EA	100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Six 20 Ampere Breakers	4,055.30	979.38
		For NEMA 3R Panelboard, Add	*1,687.00*	
		For Door-In-Door (Hinged) Trim Front, Add	*123.27*	
26 24 16 00-0077	EA	100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Eight 20 Ampere Breakers	4,322.16	1,101.09
		For NEMA 3R Panelboard, Add	*1,687.00*	
		For Door-In-Door (Hinged) Trim Front, Add	*123.27*	
26 24 16 00-0078	EA	100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Thirty 20 Ampere Breakers	4,551.93	1,101.09
		For NEMA 3R Panelboard, Add	*1,687.00*	
		For Door-In-Door (Hinged) Trim Front, Add	*123.27*	
26 24 16 00-0079	EA	225 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Two 20 Ampere Breakers	5,356.65	1,274.94
		For NEMA 3R Panelboard, Add	*1,992.76*	
		For Door-In-Door (Hinged) Trim Front, Add	*210.53*	
26 24 16 00-0080	EA	225 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Four 20 Ampere Breakers	5,591.92	1,344.48
		For NEMA 3R Panelboard, Add	*1,992.76*	
		For Door-In-Door (Hinged) Trim Front, Add	*210.53*	
26 24 16 00-0081	EA	225 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Six 20 Ampere Breakers	5,690.97	1,344.48
		For NEMA 3R Panelboard, Add	*1,992.76*	
		For Door-In-Door (Hinged) Trim Front, Add	*210.53*	
26 24 16 00-0082	EA	225 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Eight 20 Ampere Breakers	5,954.51	1,518.34
		For NEMA 3R Panelboard, Add	*1,992.76*	
		For Door-In-Door (Hinged) Trim Front, Add	*210.53*	
26 24 16 00-0083	EA	225 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 54 Circuit Capacity Assembled Panelboard With Forty 20 Ampere Breakers	6,140.02	1,518.34
		For NEMA 3R Panelboard, Add	*2,074.05*	
		For Door-In-Door (Hinged) Trim Front, Add	*269.07*	
26 24 16 00-0084	EA	225 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 54 Circuit Capacity Assembled Panelboard With Forty-Two- 20 Ampere Breakers	6,259.79	1,518.34
		For NEMA 3R Panelboard, Add	*2,074.05*	
		For Door-In-Door (Hinged) Trim Front, Add	*269.07*	
26 24 16 00-0085	EA	400 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >225 To 400 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Two 20 Ampere Breakers	6,313.96	1,396.64
		For NEMA 3R Panelboard, Add	*1,992.76*	
		For Door-In-Door (Hinged) Trim Front, Add	*210.53*	
26 24 16 00-0086	EA	400 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >225 To 400 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Four 20 Ampere Breakers	6,570.65	1,477.77
		For NEMA 3R Panelboard, Add	*1,992.76*	
		For Door-In-Door (Hinged) Trim Front, Add	*210.53*	
26 24 16 00-0087	EA	400 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >225 To 400 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Six 20 Ampere Breakers	6,672.92	1,518.34
		For NEMA 3R Panelboard, Add	*1,992.76*	
		For Door-In-Door (Hinged) Trim Front, Add	*210.53*	
26 24 16 00-0088	EA	400 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >225 To 400 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Eight 20 Ampere Breakers	6,957.03	1,611.05
		For NEMA 3R Panelboard, Add	*1,992.76*	
		For Door-In-Door (Hinged) Trim Front, Add	*210.53*	
26 24 16 00-0089	EA	400 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >225 To 400 Ampere Main Breaker, 54 Circuit Capacity Assembled Panelboard With Forty 20 Ampere Breakers	7,141.36	1,657.42
		For NEMA 3R Panelboard, Add	*2,074.05*	
		For Door-In-Door (Hinged) Trim Front, Add	*269.07*	
26 24 16 00-0090	EA	400 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >225 To 400 Ampere Main Breaker, 54 Circuit Capacity Assembled Panelboard With Forty-Two 20 Ampere Breakers	7,313.64	1,715.38
		For NEMA 3R Panelboard, Add	*2,074.05*	
		For Door-In-Door (Hinged) Trim Front, Add	*269.07*	

26 24 16 00-0091 480 Volt, 3 Wire, 3 Phase, Main Lugs Assembled Panelboards *(26 24 16 00-0002)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0092	EA	100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 12 Circuit Capacity Assembled Panelboard With Eight 20 Ampere Breakers	1,763.93	370.89
		For NEMA 3R Panelboard, Add	*1,534.02*	
26 24 16 00-0093	EA	100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Ten 20 Ampere Breakers	2,014.25	370.89
		For NEMA 3R Panelboard, Add	*1,534.02*	
26 24 16 00-0094	EA	100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Twelve 20 Ampere Breakers	2,254.62	509.98
		For NEMA 3R Panelboard, Add	*1,534.02*	
26 24 16 00-0095	EA	100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Fourteen 20 Ampere Breakers	2,504.90	509.98
		For NEMA 3R Panelboard, Add	*1,534.02*	
26 24 16 00-0096	EA	100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Sixteen 20 Ampere Breakers	2,738.96	637.47
		For NEMA 3R Panelboard, Add	*1,534.02*	
26 24 16 00-0097	EA	100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 24 Circuit Capacity Assembled Panelboard With Eighteen 20 Ampere Breakers	2,985.08	637.47
		For NEMA 3R Panelboard, Add	*1,534.02*	
26 24 16 00-0098	EA	100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 24 Circuit Capacity Assembled Panelboard WithTwenty 20 Ampere Breakers	3,241.51	770.76
		For NEMA 3R Panelboard, Add	*1,534.02*	
26 24 16 00-0099	EA	100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Twenty-Two 20 Ampere Breakers	3,477.31	770.76
		For NEMA 3R Panelboard, Add	*1,687.00*	
		For Door-In-Door (Hinged) Trim Front, Add	*123.27*	
26 24 16 00-0100	EA	100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard WithTwenty-Four 20 Ampere Breakers	3,735.62	915.64
		For NEMA 3R Panelboard, Add	*1,687.00*	
		For Door-In-Door (Hinged) Trim Front, Add	*123.27*	
26 24 16 00-0101	EA	100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Twenty-Six 20 Ampere Breakers	3,985.33	915.64
		For NEMA 3R Panelboard, Add	*1,687.00*	
		For Door-In-Door (Hinged) Trim Front, Add	*123.27*	
26 24 16 00-0102	EA	100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Twenty-Eight 20 Ampere Breakers	4,215.66	1,043.13
		For NEMA 3R Panelboard, Add	*1,687.00*	
		For Door-In-Door (Hinged) Trim Front, Add	*123.27*	
26 24 16 00-0103	EA	100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Thirty 20 Ampere Breakers	4,461.78	1,043.13
		For NEMA 3R Panelboard, Add	*1,687.00*	
		For Door-In-Door (Hinged) Trim Front, Add	*123.27*	
26 24 16 00-0104	EA	225 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Two 20 Ampere Breakers	4,984.13	1,269.14
		For NEMA 3R Panelboard, Add	*1,992.76*	
		For Door-In-Door (Hinged) Trim Front, Add	*210.53*	
26 24 16 00-0105	EA	225 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Four 20 Ampere Breakers	5,229.97	1,269.14
		For NEMA 3R Panelboard, Add	*1,992.76*	
		For Door-In-Door (Hinged) Trim Front, Add	*210.53*	
26 24 16 00-0106	EA	225 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Six 20 Ampere Breakers	5,491.11	1,390.85
		For NEMA 3R Panelboard, Add	*1,992.76*	
		For Door-In-Door (Hinged) Trim Front, Add	*210.53*	
26 24 16 00-0107	EA	225 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty- Eight 20 Ampere Breakers	5,684.25	1,390.85
		For NEMA 3R Panelboard, Add	*1,992.76*	
		For Door-In-Door (Hinged) Trim Front, Add	*210.53*	
26 24 16 00-0108	EA	225 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 54 Circuit Capacity Assembled Panelboard With Forty 20 Ampere Breakers	5,973.76	1,535.72
		For NEMA 3R Panelboard, Add	*2,074.05*	
		For Door-In-Door (Hinged) Trim Front, Add	*269.07*	
26 24 16 00-0109	EA	225 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 54 Circuit Capacity Assembled Panelboard With Forty-Two 20 Ampere Breakers	6,183.09	1,535.72
		For NEMA 3R Panelboard, Add	*2,074.05*	
		For Door-In-Door (Hinged) Trim Front, Add	*269.07*	

26 24 16 00-0110 480 Volt, 3 Wire, 3 Phase, Main Breaker Assembled Panelboards *(26 24 16 00-0002)*

26 24 16 00-0111	EA	50 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Up To 50 Amp Main Breaker, 12 Circuit Capacity Assembled Panelboard With Eight 20 Ampere Breakers	2,248.04	394.07
		For NEMA 3R Panelboard, Add	*1,534.02*	
26 24 16 00-0112	EA	50 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Up To 50 Amp Main Breaker, 20 Circuit Capacity Assembled Panelboard With Ten 20 Ampere Breakers	2,492.86	428.84
		For NEMA 3R Panelboard, Add	*1,534.02*	
26 24 16 00-0113	EA	50 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Up To 50 Amp Main Breaker, 20 Circuit Capacity Assembled Panelboard With Twelve 20 Ampere Breakers	2,740.28	533.15
		For NEMA 3R Panelboard, Add	*1,534.02*	
26 24 16 00-0114	EA	100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >50 To 100 Amp Main Breaker, 20 Circuit Capacity Assembled Panelboard With Fourteen 20 Ampere Breakers,	3,291.20	649.06
		For NEMA 3R Panelboard, Add	*1,534.02*	
26 24 16 00-0115	EA	100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >50 To 100 Amp Main Breaker, 20 Circuit Capacity Assembled Panelboard With Sixteen 20 Ampere Breakers	3,526.70	718.60
		For NEMA 3R Panelboard, Add	*1,534.02*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0116	EA	100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >50 To 100 Amp Main Breaker, 24 Circuit Capacity Assembled Panelboard With Eighteen 20 Ampere Breakers	3,741.83	776.56
		For NEMA 3R Panelboard, Add	*1,534.02*	
26 24 16 00-0117	EA	100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 24 Circuit Capacity Assembled Panelboard With Twenty 20 Ampere Breakers	3,978.39	846.10
		For NEMA 3R Panelboard, Add	*1,534.02*	
26 24 16 00-0118	EA	100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Two 20 Ampere Breakers	4,206.21	915.64
		For NEMA 3R Panelboard, Add	*1,687.00*	
		For Door-In-Door (Hinged) Trim Front, Add	*123.27*	
26 24 16 00-0119	EA	100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Four 20 Ampere Breakers	4,415.12	973.59
		For NEMA 3R Panelboard, Add	*1,687.00*	
		For Door-In-Door (Hinged) Trim Front, Add	*123.27*	
26 24 16 00-0120	EA	100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Six 20 Ampere Breakers	4,638.85	1,031.54
		For NEMA 3R Panelboard, Add	*1,687.00*	
		For Door-In-Door (Hinged) Trim Front, Add	*123.27*	
26 24 16 00-0121	EA	100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Eight 20 Ampere Breakers	4,880.52	1,101.09
		For NEMA 3R Panelboard, Add	*1,687.00*	
		For Door-In-Door (Hinged) Trim Front, Add	*123.27*	
26 24 16 00-0122	EA	100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Thirty 20 Ampere Breakers	5,144.15	1,188.01
		For NEMA 3R Panelboard, Add	*1,687.00*	
		For Door-In-Door (Hinged) Trim Front, Add	*123.27*	
26 24 16 00-0123	EA	225 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Two 20 Ampere Breakers	6,494.61	1,321.30
		For NEMA 3R Panelboard, Add	*1,992.76*	
		For Door-In-Door (Hinged) Trim Front, Add	*210.53*	
26 24 16 00-0124	EA	225 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Four 20 Ampere Breakers	6,747.62	1,402.43
		For NEMA 3R Panelboard, Add	*1,992.76*	
		For Door-In-Door (Hinged) Trim Front, Add	*210.53*	
26 24 16 00-0125	EA	225 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Six 20 Ampere Breakers	6,929.07	1,437.20
		For NEMA 3R Panelboard, Add	*1,992.76*	
		For Door-In-Door (Hinged) Trim Front, Add	*210.53*	
26 24 16 00-0126	EA	225 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Eight 20 Ampere Breakers	7,212.86	1,529.93
		For NEMA 3R Panelboard, Add	*1,992.76*	
		For Door-In-Door (Hinged) Trim Front, Add	*210.53*	
26 24 16 00-0127	EA	225 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 54 Circuit Cpacity Assembled Panelboard With Forty 20 Ampere Breakers	7,411.90	1,587.88
		For NEMA 3R Panelboard, Add	*2,074.05*	
		For Door-In-Door (Hinged) Trim Front, Add	*269.07*	
26 24 16 00-0128	EA	225 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 54 Circuit Capacity Assembled Panelboard With Forty-Two 20 Ampere Breakers	7,618.09	1,637.72
		For NEMA 3R Panelboard, Add	*2,074.05*	
		For Door-In-Door (Hinged) Trim Front, Add	*269.07*	
26 24 16 00-0129		277/480 Volt, 4 Wire, 3 Phase, Main Lugs Assembled Panelboards *(26 24 16 00-0002)*		
26 24 16 00-0130	EA	100 Ampere Rating , 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 12 Circuit Capacity Assembled Panelboard With Eight 20 Ampere Breakers	2,151.85	405.66
		For NEMA 3R Panelboard, Add	*1,534.02*	
26 24 16 00-0131	EA	100 Ampere Rating , 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Ten 20 Ampere Breakers	2,432.51	405.66
		For NEMA 3R Panelboard, Add	*1,534.02*	
26 24 16 00-0132	EA	100 Ampere Rating , 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Twelve 20 Ampere Breakers	2,706.11	538.96
		For NEMA 3R Panelboard, Add	*1,534.02*	
26 24 16 00-0133	EA	100 Ampere Rating , 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Fourteen 20 Ampere Breakers	2,981.88	538.96
		For NEMA 3R Panelboard, Add	*1,534.02*	
26 24 16 00-0134	EA	100 Ampere Rating , 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Sixteen 20 Ampere Breakers	3,261.99	666.44
		For NEMA 3R Panelboard, Add	*1,534.02*	
26 24 16 00-0135	EA	100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 24 Circuit Capacity Assembled Panelboard With Eighteen 20 Ampere Breakers	3,536.50	666.44
		For NEMA 3R Panelboard, Add	*1,534.02*	
26 24 16 00-0136	EA	100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 24 Circuit Capacity Assembled Panelboard With Twenty 20 Ampere Breakers	3,815.35	799.74
		For NEMA 3R Panelboard, Add	*1,534.02*	
26 24 16 00-0137	EA	100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Twenty-Two 20 Ampere Breakers	4,093.08	799.74
		For NEMA 3R Panelboard, Add	*1,687.00*	
		For Door-In-Door (Hinged) Trim Front, Add	*123.27*	
26 24 16 00-0138	EA	100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Twenty-Four 20 Ampere Breakers	4,395.74	938.82
		For NEMA 3R Panelboard, Add	*1,687.00*	
		For Door-In-Door (Hinged) Trim Front, Add	*123.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0139	EA	100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Twenty-Six 20 Ampere Breakers	4,650.65	938.82
		For NEMA 3R Panelboard, Add	*1,687.00*	
		For Door-In-Door (Hinged) Trim Front, Add	*123.27*	
26 24 16 00-0140	EA	100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Twenty-Eight 20 Ampere Breakers	4,919.51	944.61
		For NEMA 3R Panelboard, Add	*1,687.00*	
		For Door-In-Door (Hinged) Trim Front, Add	*123.27*	
26 24 16 00-0141	EA	100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 32 Circuit Capacity Assembled Panelboard With Thirty 20 Ampere Breakers	5,205.18	944.61
		For NEMA 3R Panelboard, Add	*1,687.00*	
		For Door-In-Door (Hinged) Trim Front, Add	*123.27*	
26 24 16 00-0142	EA	225 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Two 20 Ampere Breakers	5,926.95	1,309.71
		For NEMA 3R Panelboard, Add	*1,992.76*	
		For Door-In-Door (Hinged) Trim Front, Add	*210.53*	
26 24 16 00-0143	EA	225 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Four 20 Ampere Breakers	6,219.31	1,309.71
		For NEMA 3R Panelboard, Add	*1,992.76*	
		For Door-In-Door (Hinged) Trim Front, Add	*210.53*	
26 24 16 00-0144	EA	225 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Six 20 Ampere Breakers	6,447.14	1,379.25
		For NEMA 3R Panelboard, Add	*1,992.76*	
		For Door-In-Door (Hinged) Trim Front, Add	*210.53*	
26 24 16 00-0145	EA	225 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Eight 20 Ampere Breakers	6,765.54	1,471.97
		For NEMA 3R Panelboard, Add	*1,992.76*	
		For Door-In-Door (Hinged) Trim Front, Add	*210.53*	
26 24 16 00-0146	EA	225 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 54 Circuit Capacity Assembled Panelboard With Forty 20 Ampere Breakers	7,008.16	1,471.97
		For NEMA 3R Panelboard, Add	*2,074.05*	
		For Door-In-Door (Hinged) Trim Front, Add	*269.07*	
26 24 16 00-0147	EA	225 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 54 Circuit Capacity Assembled Panelboard With Forty-Two 20 Ampere Breakers	7,360.53	1,611.05
		For NEMA 3R Panelboard, Add	*2,074.05*	
		For Door-In-Door (Hinged) Trim Front, Add	*269.07*	

26 24 16 00-0148 277/480 Volt, 4 Wire, 3 Phase, Main Breaker Assembled Panelboards *(26 24 16 00-0002)*

26 24 16 00-0149	EA	50 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, 50 Ampere Main Breaker, 20 Circuit Capacity Assembled Panelboard With Eight 20 Ampere Breakers	2,795.97	498.38
		For NEMA 3R Panelboard, Add	*1,534.02*	
26 24 16 00-0150	EA	50 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, 50 Ampere Main Breaker, 20 Circuit Capacity Assembled Panelboard With Ten 20 Ampere Breakers	3,083.05	498.38
		For NEMA 3R Panelboard, Add	*1,534.02*	
26 24 16 00-0151	EA	50 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, 50 Ampere Main Breaker, 20 Circuit Capacity Assembled Panelboard With Twelve 20 Ampere Breakers	3,359.65	660.65
		For NEMA 3R Panelboard, Add	*1,534.02*	
26 24 16 00-0152	EA	100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 20 Circuit Capacity Assembled Panelboard With Fourteen 20 Ampere Breakers	4,000.11	660.65
		For NEMA 3R Panelboard, Add	*1,534.02*	
26 24 16 00-0153	EA	100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 20 Circuit Capacity Assembled Panelboard With Sixteen 20 Ampere Breakers	4,265.64	834.51
		For NEMA 3R Panelboard, Add	*1,534.02*	
26 24 16 00-0154	EA	100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 24 Circuit Capacity Assembled Panelboard With Eighteen 20 Ampere Breakers	4,530.75	834.51
		For NEMA 3R Panelboard, Add	*1,534.02*	
26 24 16 00-0155	EA	100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 24 Circuit Capacity Assembled Panelboard With Twenty 20 Ampere Breakers	4,787.13	956.20
		For NEMA 3R Panelboard, Add	*1,534.02*	
26 24 16 00-0156	EA	100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Two 20 Ampere Breakers	5,024.59	956.20
		For NEMA 3R Panelboard, Add	*1,687.00*	
		For Door-In-Door (Hinged) Trim Front, Add	*123.27*	
26 24 16 00-0157	EA	100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Four 20 Ampere Breakers	5,276.87	1,089.49
		For NEMA 3R Panelboard, Add	*1,687.00*	
		For Door-In-Door (Hinged) Trim Front, Add	*123.27*	
26 24 16 00-0158	EA	100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Six 20 Ampere Breakers	5,547.07	1,089.49
		For NEMA 3R Panelboard, Add	*1,687.00*	
		For Door-In-Door (Hinged) Trim Front, Add	*123.27*	
26 24 16 00-0159	EA	100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Eight 20 Ampere Breakers	5,780.39	1,205.40
		For NEMA 3R Panelboard, Add	*1,687.00*	
		For Door-In-Door (Hinged) Trim Front, Add	*123.27*	
26 24 16 00-0160	EA	100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Thirty 20 Ampere Breakers	6,024.92	1,205.40
		For NEMA 3R Panelboard, Add	*1,687.00*	
		For Door-In-Door (Hinged) Trim Front, Add	*123.27*	
26 24 16 00-0161	EA	225 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Two 20 Ampere Breakers	7,905.35	1,425.62
		For NEMA 3R Panelboard, Add	*1,992.76*	
		For Door-In-Door (Hinged) Trim Front, Add	*210.53*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0162	EA	225 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Four 20 Ampere Breakers	8,201.08	1,425.62
		For NEMA 3R Panelboard, Add	*1,992.76*	
		For Door-In-Door (Hinged) Trim Front, Add	*210.53*	
26 24 16 00-0163	EA	225 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >100 To 225 Ampere Main 42 Circuit Capacity Assembled Panelboard With Thirty-Six 20 Ampere Breakers	8,421.02	1,558.90
		For NEMA 3R Panelboard, Add	*1,992.76*	
		For Door-In-Door (Hinged) Trim Front, Add	*210.53*	
26 24 16 00-0164	EA	225 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Eight 20 Ampere Breakers	8,750.74	1,558.90
		For NEMA 3R Panelboard, Add	*1,992.76*	
		For Door-In-Door (Hinged) Trim Front, Add	*210.53*	
26 24 16 00-0165	EA	225 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 54 Circuit Capacity Assembled Panelboard With Forty 20 Ampere Breakers	8,990.24	1,703.78
		For NEMA 3R Panelboard, Add	*2,074.05*	
		For Door-In-Door (Hinged) Trim Front, Add	*269.07*	
26 24 16 00-0166	EA	225 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 54 Circuit Capacity Assembled Panelboard With Forty-Two 20 Ampere Breakers	9,237.67	1,703.78
		For NEMA 3R Panelboard, Add	*2,074.05*	
		For Door-In-Door (Hinged) Trim Front, Add	*269.07*	
26 24 16 00-0167	EA	400 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >225 To 400 Ampere Main Breaker, 54 Circuit Capacity Assembled Panelboard With Forty-Two 20 Ampere Breakers	10,982.62	1,897.34
		For NEMA 3R Panelboard, Add	*2,074.05*	
		For Door-In-Door (Hinged) Trim Front, Add	*269.07*	
26 24 16 00-0168	EA	600 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >400 To 600 Ampere Main Breaker, 54 Circuit Capacity Assembled Panelboard With Forty-Two 20 Ampere Breakers	13,372.91	2,277.50
		For NEMA 3R Panelboard, Add	*2,074.05*	
		For Door-In-Door (Hinged) Trim Front, Add	*269.07*	

26 24 16 00-0169 Unassembled Lighting And Power Panelboards *(26 24 16 00-0001)*

Note: Includes the main device (lugs or breaker), connection of main service cable from meter and that portion of the panel box, trim and interior occupied by that device. Spaces include that portion of the panel box, trim and interior reserved by that space. The maximum single pole capacity of the panelboard main device (lugs, breakers) is indicated. Excludes branch breakers. A complete panelboard will be the sum of main device and the branch circuit breakers and spaces (within the capacity of the main device). See CSI section 26 28 16 13-0001 for circuit breakers.

26 24 16 00-0170 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboards *(26 24 16 00-0169)*

Note: As manufactured by Square D or equal. Accepts plug-on and bolt-on breakers.

26 24 16 00-0171 Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboards *(26 24 16 00-0170)*

26 24 16 00-0172	EA	100 Ampere Rating, 12 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	692.88	
26 24 16 00-0173	EA	100 Ampere Rating, 20 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	796.24	
26 24 16 00-0174	EA	225 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	1,079.82	
		For Door-In-Door (Hinged) Trim Front, Add	*123.27*	
26 24 16 00-0175	EA	225 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	1,245.46	
		For Door-In-Door (Hinged) Trim Front, Add	*210.53*	
26 24 16 00-0176	EA	225 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	1,408.53	
		For Door-In-Door (Hinged) Trim Front, Add	*269.07*	
26 24 16 00-0177	EA	400 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	1,573.30	
		For Door-In-Door (Hinged) Trim Front, Add	*123.27*	
26 24 16 00-0178	EA	400 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	1,707.31	
		For Door-In-Door (Hinged) Trim Front, Add	*210.53*	
26 24 16 00-0179	EA	400 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	1,868.68	
		For Door-In-Door (Hinged) Trim Front, Add	*269.07*	
26 24 16 00-0180	EA	600 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	2,016.47	
		For Door-In-Door (Hinged) Trim Front, Add	*123.27*	
26 24 16 00-0181	EA	600 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	2,149.44	
		For Door-In-Door (Hinged) Trim Front, Add	*210.53*	
26 24 16 00-0182	EA	600 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	2,345.26	
		For Door-In-Door (Hinged) Trim Front, Add	*269.07*	

26 24 16 00-0183 Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboards *(26 24 16 00-0170)*

26 24 16 00-0184	EA	100 Ampere Rating, 12 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	1,029.50	
26 24 16 00-0185	EA	100 Ampere Rating, 20 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	1,164.80	
26 24 16 00-0186	EA	225 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	1,862.91	
		For Door-In-Door (Hinged) Trim Front, Add	*123.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0187	EA	225 Ampere Rating, 42 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	2,066.48	
		For Door-In-Door (Hinged) Trim Front, Add	*210.53*	
26 24 16 00-0188	EA	225 Ampere Rating, 54 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	2,256.95	
		For Door-In-Door (Hinged) Trim Front, Add	*269.07*	
26 24 16 00-0189	EA	400 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	3,944.25	
		For Door-In-Door (Hinged) Trim Front, Add	*123.27*	
26 24 16 00-0190	EA	400 Ampere Rating, 42 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	4,168.59	
		For Door-In-Door (Hinged) Trim Front, Add	*210.53*	
26 24 16 00-0191	EA	400 Ampere Rating, 54 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	4,372.39	
		For Door-In-Door (Hinged) Trim Front, Add	*269.07*	

26 24 16 00-0192 Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboards *(26 24 16 00-0170)*

26 24 16 00-0193	EA	100 Ampere Rating, 12 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	1,413.04	
26 24 16 00-0194	EA	100 Ampere Rating, 20 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	1,508.17	
26 24 16 00-0195	EA	225 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	1,774.61	
26 24 16 00-0196	EA	225 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	1,936.82	
26 24 16 00-0197	EA	225 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	2,086.86	
26 24 16 00-0198	EA	400 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	2,384.68	
26 24 16 00-0199	EA	400 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	2,509.78	
26 24 16 00-0200	EA	400 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	2,662.92	
26 24 16 00-0201	EA	600 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	2,873.80	
26 24 16 00-0202	EA	600 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	3,001.88	
26 24 16 00-0203	EA	600 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	3,184.96	

26 24 16 00-0204 Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboards *(26 24 16 00-0170)*

26 24 16 00-0205	EA	100 Ampere Rating, 12 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	1,741.43	
26 24 16 00-0206	EA	100 Ampere Rating, 20 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	1,867.81	
26 24 16 00-0207	EA	225 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	2,690.76	
26 24 16 00-0208	EA	225 Ampere Rating, 42 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	2,877.87	
26 24 16 00-0209	EA	225 Ampere Rating, 54 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	3,055.99	
26 24 16 00-0210	EA	400 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	4,726.14	
26 24 16 00-0211	EA	400 Ampere Rating, 42 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	4,942.25	
26 24 16 00-0212	EA	400 Ampere Rating, 54 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	5,144.00	

26 24 16 00-0213 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboards *(26 24 16 00-0169)*

Note: As manufactured by Square D or equal. Accepts plug-on and bolt-on breakers

26 24 16 00-0214 Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboards *(26 24 16 00-0213)*

26 24 16 00-0215	EA	100 Ampere Rating, 12 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	780.13	
26 24 16 00-0216	EA	100 Ampere Rating, 24 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	916.70	
26 24 16 00-0217	EA	100 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	1,030.36	
		For Door-In-Door (Hinged) Trim Front, Add	*123.27*	
26 24 16 00-0218	EA	225 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	1,163.31	
		For Door-In-Door (Hinged) Trim Front, Add	*123.27*	
26 24 16 00-0219	EA	225 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	1,338.45	
		For Door-In-Door (Hinged) Trim Front, Add	*210.53*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0220	EA	225 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	1,481.45	
		For Door-In-Door (Hinged) Trim Front, Add	*269.07*	
26 24 16 00-0221	EA	400 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	1,707.69	
		For Door-In-Door (Hinged) Trim Front, Add	*123.27*	
26 24 16 00-0222	EA	400 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	1,839.21	
		For Door-In-Door (Hinged) Trim Front, Add	*210.53*	
26 24 16 00-0223	EA	400 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	1,983.92	
		For Door-In-Door (Hinged) Trim Front, Add	*269.07*	
26 24 16 00-0224	EA	600 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	2,165.94	
		For Door-In-Door (Hinged) Trim Front, Add	*123.27*	
26 24 16 00-0225	EA	600 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	2,392.47	
		For Door-In-Door (Hinged) Trim Front, Add	*210.53*	
26 24 16 00-0226	EA	600 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	2,835.86	
		For Door-In-Door (Hinged) Trim Front, Add	*269.07*	

26 24 16 00-0227 Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboards *(26 24 16 00-0213)*

26 24 16 00-0228	EA	100 Ampere Rating, 12 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	1,208.00	
26 24 16 00-0229	EA	100 Ampere Rating, 24 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	1,361.87	
26 24 16 00-0230	EA	100 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	1,555.13	
		For Door-In-Door (Hinged) Trim Front, Add	*123.27*	
26 24 16 00-0231	EA	225 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	2,311.87	
		For Door-In-Door (Hinged) Trim Front, Add	*123.27*	
26 24 16 00-0232	EA	225 Ampere Rating, 42 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	2,502.43	
		For Door-In-Door (Hinged) Trim Front, Add	*210.53*	
26 24 16 00-0233	EA	225 Ampere Rating, 54 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	2,677.72	
		For Door-In-Door (Hinged) Trim Front, Add	*269.07*	
26 24 16 00-0234	EA	400 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	3,715.65	
		For Door-In-Door (Hinged) Trim Front, Add	*123.27*	
26 24 16 00-0235	EA	400 Ampere Rating, 42 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	3,923.30	
		For Door-In-Door (Hinged) Trim Front, Add	*210.53*	
26 24 16 00-0236	EA	400 Ampere Rating, 54 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	4,095.98	
		For Door-In-Door (Hinged) Trim Front, Add	*269.07*	

26 24 16 00-0237 Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboards *(26 24 16 00-0213)*

26 24 16 00-0238	EA	100 Ampere Rating, 12 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	1,500.29	
26 24 16 00-0239	EA	100 Ampere Rating, 24 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	1,628.63	
26 24 16 00-0240	EA	100 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	1,733.37	
26 24 16 00-0241	EA	225 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	1,858.09	
26 24 16 00-0242	EA	225 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	2,029.81	
26 24 16 00-0243	EA	225 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	2,159.77	
26 24 16 00-0244	EA	400 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	2,519.08	
26 24 16 00-0245	EA	400 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	2,641.68	
26 24 16 00-0246	EA	400 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	2,778.15	
26 24 16 00-0247	EA	600 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	3,023.28	
26 24 16 00-0248	EA	600 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	3,234.03	
26 24 16 00-0249	EA	600 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	3,677.43	

26 24 16 00-0250 Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboards *(26 24 16 00-0213)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0251	EA	100 Ampere Rating, 12 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	1,919.93	
26 24 16 00-0252	EA	100 Ampere Rating, 24 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	2,064.89	
26 24 16 00-0253	EA	100 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	2,253.35	
26 24 16 00-0254	EA	225 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	3,139.72	
26 24 16 00-0255	EA	225 Ampere Rating, 42 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	3,313.81	
26 24 16 00-0256	EA	225 Ampere Rating, 54 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	3,476.76	
26 24 16 00-0257	EA	400 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	5,216.61	
26 24 16 00-0258	EA	400 Ampere Rating, 42 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	5,431.39	
26 24 16 00-0259	EA	400 Ampere Rating, 54 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	5,616.14	

26 24 16 00-0260 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboards *(26 24 16 00-0169)*

Note: As manufactured by Square D or equal.

26 24 16 00-0261 Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboards *(26 24 16 00-0260)*

26 24 16 00-0262	EA	125 Ampere Rating, 12 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	1,124.47	
26 24 16 00-0263	EA	125 Ampere Rating, 18 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	1,232.25	
26 24 16 00-0264	EA	250 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	1,698.25	
		For Door-In-Door (Hinged) Trim Front, Add	*123.27*	
26 24 16 00-0265	EA	250 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	1,892.01	
		For Door-In-Door (Hinged) Trim Front, Add	*210.53*	
26 24 16 00-0266	EA	250 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,059.42	
		For Door-In-Door (Hinged) Trim Front, Add	*269.07*	
26 24 16 00-0267	EA	400 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,048.37	
		For Door-In-Door (Hinged) Trim Front, Add	*123.27*	
26 24 16 00-0268	EA	400 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,156.77	
		For Door-In-Door (Hinged) Trim Front, Add	*210.53*	
26 24 16 00-0269	EA	400 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,341.92	
		For Door-In-Door (Hinged) Trim Front, Add	*269.07*	
26 24 16 00-0270	EA	600 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,456.50	
		For Door-In-Door (Hinged) Trim Front, Add	*123.27*	
26 24 16 00-0271	EA	600 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,632.89	
		For Door-In-Door (Hinged) Trim Front, Add	*210.53*	
26 24 16 00-0272	EA	600 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,873.77	
		For Door-In-Door (Hinged) Trim Front, Add	*269.07*	

26 24 16 00-0273 Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboards *(26 24 16 00-0260)*

26 24 16 00-0274	EA	100 Ampere Rating, 12 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,315.00	
26 24 16 00-0275	EA	100 Ampere Rating, 18 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,388.18	
26 24 16 00-0276	EA	125 Ampere Rating, 18 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,592.01	
26 24 16 00-0277	EA	125 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,729.22	
		For Door-In-Door (Hinged) Trim Front, Add	*123.27*	
26 24 16 00-0278	EA	125 Ampere Rating, 42 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,998.26	
		For Door-In-Door (Hinged) Trim Front, Add	*210.53*	
26 24 16 00-0279	EA	250 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	3,897.97	
		For Door-In-Door (Hinged) Trim Front, Add	*123.27*	
26 24 16 00-0280	EA	250 Ampere Rating, 42 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	4,067.32	
		For Door-In-Door (Hinged) Trim Front, Add	*210.53*	
26 24 16 00-0281	EA	250 Ampere Rating, 54 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	4,284.68	
		For Door-In-Door (Hinged) Trim Front, Add	*269.07*	
26 24 16 00-0282	EA	400 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	4,413.06	
		For Door-In-Door (Hinged) Trim Front, Add	*123.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0283	EA	400 Ampere Rating, 42 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	4,636.12	
		For Door-In-Door (Hinged) Trim Front, Add	*210.53*	
26 24 16 00-0284	EA	400 Ampere Rating, 54 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	4,839.57	
		For Door-In-Door (Hinged) Trim Front, Add	*269.07*	

26 24 16 00-0285 Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboards *(26 24 16 00-0260)*

26 24 16 00-0286	EA	125 Ampere Rating, 12 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	1,819.94	
26 24 16 00-0287	EA	125 Ampere Rating, 18 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	1,927.72	
26 24 16 00-0288	EA	250 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,377.26	
26 24 16 00-0289	EA	250 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,690.36	
26 24 16 00-0290	EA	250 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,844.06	
26 24 16 00-0291	EA	400 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,833.00	
26 24 16 00-0292	EA	400 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,920.83	
26 24 16 00-0293	EA	400 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	3,076.48	
26 24 16 00-0294	EA	600 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	3,259.65	
26 24 16 00-0295	EA	600 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	3,419.22	
26 24 16 00-0296	EA	600 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	3,623.93	

26 24 16 00-0297 Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboards *(26 24 16 00-0260)*

26 24 16 00-0298	EA	100 Ampere Rating, 12 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	3,158.62	
26 24 16 00-0299	EA	100 Ampere Rating, 18 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	3,231.80	
26 24 16 00-0300	EA	125 Ampere Rating, 18 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	3,277.19	
26 24 16 00-0301	EA	125 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	3,408.23	
26 24 16 00-0302	EA	125 Ampere Rating, 42 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	3,796.61	
26 24 16 00-0303	EA	250 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	4,682.60	
26 24 16 00-0304	EA	250 Ampere Rating, 42 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	4,831.38	
26 24 16 00-0305	EA	250 Ampere Rating, 54 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	5,019.25	
26 24 16 00-0306	EA	400 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	5,147.63	
26 24 16 00-0307	EA	400 Ampere Rating, 42 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	5,351.82	
26 24 16 00-0308	EA	400 Ampere Rating, 54 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	5,552.36	

26 24 16 00-0309 480Y/277 Volt AC, 4 Wire, 3 Phase, Unassembled Panelboards *(26 24 16 00-0169)*

Note: As manufactured by Square D or equal.

26 24 16 00-0310 Main Lugs, NEMA 1, 480Y/277 Volt AC, 4 Wire, 3 Phase, Unassembled Panelboards *(26 24 16 00-0309)*

26 24 16 00-0311	EA	125 Ampere Rating, 12 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Lugs, Unassembled Panelboard	1,171.10	
26 24 16 00-0312	EA	125 Ampere Rating, 18 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Lugs, Unassembled Panelboard	1,279.58	
26 24 16 00-0313	EA	125 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Lugs, Unassembled Panelboard	1,479.60	
		For Door-In-Door (Hinged) Trim Front, Add	*123.27*	
26 24 16 00-0314	EA	250 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Lugs, Unassembled Panelboard	1,766.87	
		For Door-In-Door (Hinged) Trim Front, Add	*123.27*	
26 24 16 00-0315	EA	250 Ampere Rating, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Lugs, Unassembled Panelboard	1,962.13	
		For Door-In-Door (Hinged) Trim Front, Add	*210.53*	
26 24 16 00-0316	EA	250 Ampere Rating, 54 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Lugs, Unassembled Panelboard	2,128.22	
		For Door-In-Door (Hinged) Trim Front, Add	*269.07*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0317	EA	400 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Lugs, Unassembled Panelboard	2,139.11	
		For Door-In-Door (Hinged) Trim Front, Add	*123.27*	
26 24 16 00-0318	EA	400 Ampere Rating, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Lugs, Unassembled Panelboard	2,269.25	
		For Door-In-Door (Hinged) Trim Front, Add	*210.53*	
26 24 16 00-0319	EA	400 Ampere Rating, 54 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Lugs, Unassembled Panelboard	2,453.01	
		For Door-In-Door (Hinged) Trim Front, Add	*269.07*	
26 24 16 00-0320	EA	600 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Lugs, Unassembled Panelboard	2,567.86	
		For Door-In-Door (Hinged) Trim Front, Add	*123.27*	
26 24 16 00-0321	EA	600 Ampere Rating, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Lugs, Unassembled Panelboard	2,745.01	
		For Door-In-Door (Hinged) Trim Front, Add	*210.53*	
26 24 16 00-0322	EA	600 Ampere Rating, 54 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Lugs, Unassembled Panelboard	2,986.76	
		For Door-In-Door (Hinged) Trim Front, Add	*269.07*	

26 24 16 00-0323 Main Breaker, NEMA 1, 480Y/277 Volt AC, 4 Wire, 3 Phase, Unassembled Panelboards *(26 24 16 00-0309)*

26 24 16 00-0324	EA	100 Ampere Rating, 12 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Breaker, Unassembled Panelboard	2,555.05	
26 24 16 00-0325	EA	100 Ampere Rating, 18 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Breaker, Unassembled Panelboard	2,628.92	
26 24 16 00-0326	EA	100 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Breaker, Unassembled Panelboard	2,847.91	
		For Door-In-Door (Hinged) Trim Front, Add	*123.27*	
26 24 16 00-0327	EA	125 Ampere Rating, 18 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Breaker, Unassembled Panelboard	2,921.98	
26 24 16 00-0328	EA	125 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Breaker, Unassembled Panelboard	3,059.78	
		For Door-In-Door (Hinged) Trim Front, Add	*123.27*	
26 24 16 00-0329	EA	125 Ampere Rating, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Breaker, Unassembled Panelboard	3,328.10	
		For Door-In-Door (Hinged) Trim Front, Add	*210.53*	
26 24 16 00-0330	EA	250 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Breaker, Unassembled Panelboard	4,285.07	
		For Door-In-Door (Hinged) Trim Front, Add	*123.27*	
26 24 16 00-0331	EA	250 Ampere Rating, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Breaker, Unassembled Panelboard	4,456.47	
		For Door-In-Door (Hinged) Trim Front, Add	*210.53*	
26 24 16 00-0332	EA	250 Ampere Rating, 54 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Breaker, Unassembled Panelboard	4,671.54	
		For Door-In-Door (Hinged) Trim Front, Add	*269.07*	
26 24 16 00-0333	EA	400 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Breaker, Unassembled Panelboard	4,876.91	
		For Door-In-Door (Hinged) Trim Front, Add	*123.27*	
26 24 16 00-0334	EA	400 Ampere Rating, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Breaker, Unassembled Panelboard	5,102.17	
		For Door-In-Door (Hinged) Trim Front, Add	*210.53*	
26 24 16 00-0335	EA	400 Ampere Rating, 54 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Breaker, Unassembled Panelboard	5,305.44	
		For Door-In-Door (Hinged) Trim Front, Add	*269.07*	

26 24 16 00-0336 Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 4 Wire, 3 Phase, Unassembled Panelboards *(26 24 16 00-0309)*

26 24 16 00-0337	EA	125 Ampere Rating, 12 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Lugs, Unassembled Panelboard	1,866.58	
26 24 16 00-0338	EA	125 Ampere Rating, 18 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Lugs, Unassembled Panelboard	1,975.05	
26 24 16 00-0339	EA	125 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Lugs, Unassembled Panelboard	2,164.78	
26 24 16 00-0340	EA	250 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Lugs, Unassembled Panelboard	2,445.88	
26 24 16 00-0341	EA	250 Ampere Rating, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Lugs, Unassembled Panelboard	2,760.48	
26 24 16 00-0342	EA	250 Ampere Rating, 54 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Lugs, Unassembled Panelboard	2,912.86	
26 24 16 00-0343	EA	400 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Lugs, Unassembled Panelboard	2,925.80	
26 24 16 00-0344	EA	400 Ampere Rating, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Lugs, Unassembled Panelboard	3,033.31	
26 24 16 00-0345	EA	400 Ampere Rating, 54 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Lugs, Unassembled Panelboard	3,187.58	
26 24 16 00-0346	EA	600 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Lugs, Unassembled Panelboard	3,371.01	
26 24 16 00-0347	EA	600 Ampere Rating, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Lugs, Unassembled Panelboard	3,531.01	
26 24 16 00-0348	EA	600 Ampere Rating, 54 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Lugs, Unassembled Panelboard	3,735.73	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0349		Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 4 Wire, 3 Phase, Unassembled Panelboards *(26 24 16 00-0309)*		
26 24 16 00-0350	EA	100 Ampere Rating, 12 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Breaker, Unassembled Panelboard	3,234.06	
26 24 16 00-0351	EA	100 Ampere Rating, 18 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Breaker, Unassembled Panelboard	3,307.93	
26 24 16 00-0352	EA	100 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Breaker, Unassembled Panelboard	3,646.26	
26 24 16 00-0353	EA	125 Ampere Rating, 18 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Breaker, Unassembled Panelboard	3,607.17	
26 24 16 00-0354	EA	125 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Breaker, Unassembled Panelboard	3,738.79	
26 24 16 00-0355	EA	125 Ampere Rating, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Breaker, Unassembled Panelboard	4,126.46	
26 24 16 00-0356	EA	250 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Breaker, Unassembled Panelboard	5,069.71	
26 24 16 00-0357	EA	250 Ampere Rating, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Breaker, Unassembled Panelboard	5,220.53	
26 24 16 00-0358	EA	250 Ampere Rating, 54 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Breaker, Unassembled Panelboard	5,406.11	
26 24 16 00-0359	EA	400 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Breaker, Unassembled Panelboard	5,611.47	
26 24 16 00-0360	EA	400 Ampere Rating, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Breaker, Unassembled Panelboard	5,817.53	
26 24 16 00-0361	EA	400 Ampere Rating, 54 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Breaker, Unassembled Panelboard	6,017.38	
26 24 16 00-0362		600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboards *(26 24 16 00-0169)*		
		Note: Square D I-Line or equal.		
26 24 16 00-0363		Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboards *(26 24 16 00-0362)*		
26 24 16 00-0364	EA	400 Ampere Rating, 27" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	1,972.29	344.67
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*206.81*	
26 24 16 00-0365	EA	400 Ampere Rating, 45" Breaker Mounted Space, 250 Ampere Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	2,316.11	344.56
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*206.75*	
26 24 16 00-0366	EA	400 Ampere Rating, 63" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	2,575.01	344.56
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*206.75*	
26 24 16 00-0367	EA	600 Ampere Rating, 27" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	2,918.28	565.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*339.52*	
26 24 16 00-0368	EA	600 Ampere Rating, 45" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	3,118.66	565.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*339.52*	
26 24 16 00-0369	EA	600 Ampere Rating, 63" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	3,338.54	565.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*339.52*	
26 24 16 00-0370	EA	800 Ampere Rating, 27" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	3,591.50	752.23
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*451.32*	
26 24 16 00-0371	EA	800 Ampere Rating, 45" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	3,784.06	754.45
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*452.70*	
26 24 16 00-0372	EA	800 Ampere Rating, 63" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	3,862.81	752.23
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*451.32*	
26 24 16 00-0373	EA	800 Ampere Rating, 99" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	4,498.51	752.23
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*451.32*	
26 24 16 00-0374	EA	1,200 Ampere Rating, 27" Breaker Mounting Space, 600 Ampere Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	5,846.32	1,131.74
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*679.04*	
26 24 16 00-0375	EA	1,200 Ampere Rating, 45" Breaker Mounting Space, 600 Ampere Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	6,278.99	1,131.74
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*679.04*	
26 24 16 00-0376	EA	1,200 Ampere Rating, 63" Breaker Mounting Space, 600 Ampere Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	6,632.75	1,131.74
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*679.04*	
26 24 16 00-0377	EA	1,200 Ampere Rating, 99" Breaker Mounting Space, 600 Ampere Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	7,064.54	1,131.74
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*679.04*	
26 24 16 00-0378		Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboards *(26 24 16 00-0362)*		
26 24 16 00-0379	EA	225 Ampere Rating, 36" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	3,846.10	351.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*211.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0380	EA	400 Ampere Rating, 27" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	5,056.00	399.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*239.53*	
26 24 16 00-0381	EA	400 Ampere Rating, 45" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	5,306.03	399.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*239.53*	
26 24 16 00-0382	EA	400 Ampere Rating, 81" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	6,041.92	399.20
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*239.53*	
26 24 16 00-0383	EA	600 Ampere Rating, 36" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	7,865.43	654.39
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*392.66*	
26 24 16 00-0384	EA	600 Ampere Rating, 72" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	8,278.53	656.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*393.70*	
26 24 16 00-0385	EA	600 Ampere Rating, 72" Breaker Mounting Space, 600 Ampere Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	8,619.06	654.39
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*392.66*	
26 24 16 00-0386	EA	800 Ampere Rating, 36" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	9,939.51	874.84
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*524.93*	
26 24 16 00-0387	EA	800 Ampere Rating, 72" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	10,428.95	871.78
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*523.08*	
26 24 16 00-0388	EA	800 Ampere Rating, 72" Breaker Mounting Space, 600 Ampere Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard	10,916.59	871.78
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*523.08*	

26 24 16 00-0389 Residential Lighting And Power Panelboards *(26 24 16 00-0001)*

See CSI section 26 28 16 13-0001 for circuit breakers.

26 24 16 00-0390 Residential Type Unassembled Load Center *(26 24 16 00-0389)*

Note: Interior box and cover, includes ground bar kit.

26 24 16 00-0391 Main Lug Load Center, Single Phase, 3 Wire, 120/240 Volt *(26 24 16 00-0390)*

26 24 16 00-0392	EA	30 Ampere Rating, 2 Circuit, Main Lug Load Center, 3 Wire, 120/240 Volt, Single Phase, Unassembled Panelboard	159.28	57.95
26 24 16 00-0393	EA	70 Ampere Rating, 4 Circuit, Main Lug Load Center, 3 Wire, 120/240 Volt, Single Phase, Unassembled Panelboard	528.06	231.81
26 24 16 00-0394	EA	100 Ampere Rating, 8 Circuit, Main Lug Load Center, 3 Wire, 120/240 Volt, Single Phase, Unassembled Panelboard	801.29	330.90
26 24 16 00-0395	EA	125 Ampere Rating, 24 Circuit, Main Lug Load Center, 3 Wire, 120/240 Volt, Single Phase, Unassembled Panelboard	1,714.71	695.54
26 24 16 00-0396	EA	150 Ampere Rating, 30 Circuit, Main Lug Load Center, 3 Wire, 120/240 Volt, Single Phase, Unassembled Panelboard	1,876.40	753.37

26 24 16 00-0397 Main Lug Load Center, 3 Phase, 4 Wire, 208 Y/120 Volt AC *(26 24 16 00-0390)*

Note: 3 Phase, 4 wire, 240/120 Volt AC Delta; 3 phase, 3 wire, 240 Volt AC Delta.

26 24 16 00-0398	EA	60 Ampere Rating, 3 Circuit, Main Lug Load Center, 3 Phase 4 Wire, 208 Y/120 Volt AC, 3 Phase 4 Wire 240/120 Volt AC Delta, 3 Phase 3 Wire 240 Volt AC Delta, Unassembled Panelboard	224.60	63.75
26 24 16 00-0399	EA	125 Ampere Rating, 3 Circuit, Main Lug Load Center, 3 Phase 4 Wire, 208 Y/120 Volt AC, 3 Phase 4 Wire 240/120 Volt AC Delta, 3 Phase 3 Wire 240 Volt AC Delta, Unassembled Panelboard	409.33	69.54

26 24 16 00-0400 Main Lug Load Center, Single Phase, 3 Wire, 120/240 Volt, Rainproof *(26 24 16 00-0390)*

26 24 16 00-0401	EA	40 Ampere Rating, 2 Circuit, Main Lug Load Center, 3 Wire 120/240 Volt, 1 Phase, Rainproof, Unassembled Panelboard	228.57	63.75
26 24 16 00-0402	EA	70 Ampere Rating, 4 Circuit, Main Lug Load Center, 3 Wire 120/240 Volt, 1 Phase, Rainproof, Unassembled Panelboard	255.20	69.54
26 24 16 00-0403	EA	100 Ampere Rating, 8 Circuit, Main Lug Load Center, 3 Wire 120/240 Volt, 1 Phase, Rainproof, Unassembled Panelboard	880.78	330.90
26 24 16 00-0404	EA	150 Ampere Rating, 30 Circuit, Main Lug Load Center, 3 Wire 120/240 Volt, 1 Phase, Rainproof, Unassembled Panelboard	1,997.36	753.37

26 24 16 00-0405 Main Lug Load Center, 3 Phase, 4 Wire, 208 Y/120 Volt AC *(26 24 16 00-0390)*

Note: 3 Phase, 4 wire, 240/120 Volt AC Delta; 3 phase, 3 wire, 240 Volt AC Delta, Rainproof.

26 24 16 00-0406	EA	60 Ampere Rating, 3 Circuit, Main Lug Load Center, 3 Phase 4 Wire, 208 Y/120 Volt AC, 3 Phase 4 Wire 240/120 Volt AC Delta, 3 Phase 3 Wire 240 Volt AC Delta, Rainproof, Unassembled Panelboard	285.08	63.75
26 24 16 00-0407	EA	125 Ampere Rating, 20 Circuit, Main Lug Load Center, 3 Phase 4 Wire, 208 Y/120 Volt AC, 3 Phase 4 Wire 240/120 Volt AC Delta, 3 Phase 3 Wire 240 Volt AC Delta, Rainproof, Unassembled Panelboard	1,936.06	695.54

26 24 16 00-0408 Main Breaker Load Center, Single Phase, 3 Wire, 120/240 Volt *(26 24 16 00-0390)*

26 24 16 00-0409	EA	125 Ampere Rating, 24 Circuit, Main Breaker Load Center, 3 Wire, 120/240 Volt, Single Phase, Unassembled Panelboard	2,091.40	695.54
26 24 16 00-0410	EA	150 Ampere Rating, 30 Circuit, Main Breaker Load Center, 3 Wire, 120/240 Volt, Single Phase, Unassembled Panelboard	2,270.37	753.37
26 24 16 00-0411	EA	300 Ampere Rating, 42 Circuit, Main Breaker Load Center, 3 Wire, 120/240 Volt, Single Phase, Unassembled Panelboard	8,218.23	1,159.04

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0412		**Main Breaker Load Center, 3 Phase, 4 Wire, 208 Y/120 Volt AC** *(26 24 16 00-0390)*		
		Note: 3 Phase, 4 wire, 240/120 Volt AC Delta; 3 phase, 3 wire, 240 V Delta.		
26 24 16 00-0413	EA	125 Ampere Rating, 30 Circuit, Main Breaker Load Center, 3 Phase 4 Wire, 208 Y/120 Volt AC, 3 Phase 4 Wire 240/120 Volt AC Delta, 3 Phase 3 Wire 240 Volt AC Delta, Unassembled Panelboard	3,094.97	695.54
26 24 16 00-0414	EA	150 Ampere Rating, 40 Circuit, Main Breaker Load Center, 3 Phase 4 Wire, 208 Y/120 Volt AC, 3 Phase 4 Wire 240/120 Volt AC Delta, 3 Phase 3 Wire 240 Volt AC Delta, Unassembled Panelboard	3,376.76	753.37
26 24 16 00-0415	EA	300 Ampere Rating, 42 Circuit, Main Breaker Load Center, 3 Phase 4 Wire, 208 Y/120 Volt AC, 3 Phase 4 Wire 240/120 Volt AC Delta, 3 Phase 3 Wire 240 Volt AC Delta, Unassembled Panelboard	9,062.67	1,159.04
26 24 16 00-0416		**Main Breaker Load Center, Single Phase, 3 Wire, 120/240 Volt, Rainproof** *(26 24 16 00-0390)*		
26 24 16 00-0417	EA	125 Ampere Rating, 24 Circuit, Main Breaker Load Center, 3 Wire 120/240 Volt, 1 Phase, Rainproof, Unassembled Panelboard	2,203.71	695.54
26 24 16 00-0418	EA	150 Ampere Rating, 30 Circuit, Main Breaker Load Center, 3 Wire 120/240 Volt, 1 Phase, Rainproof, Unassembled Panelboard	2,462.17	753.37
26 24 16 00-0419		**Main Breaker Load Center, 3 Phase 4 Wire, 208 Y/120 Volt AC** *(26 24 16 00-0390)*		
		Note: 3 Phase, 4 wire, 240/120 Volt AC Delta; 3 phase, 3 wire, 240 Volt AC Delta, Rainproof.		
26 24 16 00-0420	EA	125 Ampere Rating, 30 Circuit, Main Breaker Load Center, 3 Phase 4 Wire, 208 Y/120 Volt AC, 3 Phase 4 Wire 240/120 Volt AC Delta, 3 Phase 3 Wire 240 Volt AC Delta, Rainproof, Unassembled Panelboard	3,281.24	695.54
26 24 16 00-0421	EA	155 Ampere Rating, 30 Circuit, Main Breaker Load Center, 3 Phase 4 Wire, 208 Y/120 Volt AC, 3 Phase 4 Wire 240/120 Volt AC Delta, 3 Phase 3 Wire 240 Volt AC Delta, Rainproof, Unassembled Panelboard	3,396.97	753.37
26 24 16 00-0422		**Residential Type Assembled Load Center** *(26 24 16 00-0389)*		
26 24 16 00-0423		**Main Lug Load Center, 3 Wire, 20 Amperes, 120/240 Volt, 1 Phase** *(26 24 16 00-0422)*		
		Note: Includes 1 pole plug-in breaker.		
26 24 16 00-0424	EA	100 Ampere Rating, Main Lugs, Indoor 8 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	801.81	330.90
26 24 16 00-0425	EA	100 Ampere Rating, Main Lugs, Indoor 12 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	978.73	386.53
26 24 16 00-0426	EA	100 Ampere Rating, Main Lugs, Rainproof, 8 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	820.82	330.90
26 24 16 00-0427	EA	100 Ampere Rating, Main Lugs, Rainproof, 12 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	983.92	386.53
26 24 16 00-0428	EA	200 Ampere Rating, Main Lugs, Indoor, 8 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	1,434.76	515.19
26 24 16 00-0429	EA	200 Ampere Rating, Main Lugs, Indoor, 20 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	1,691.14	618.35
26 24 16 00-0430	EA	200 Ampere Rating, Main Lugs, Indoor, 24 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	1,932.96	713.39
26 24 16 00-0431	EA	200 Ampere Rating, Main Lugs, Indoor, 30 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	2,132.05	772.27
26 24 16 00-0432	EA	200 Ampere Rating, Main Lugs, Indoor, 42 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	3,190.67	1,159.04
26 24 16 00-0433	EA	200 Ampere Rating, Main Lugs, Rainproof, 16 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	1,502.15	515.19
26 24 16 00-0434	EA	200 Ampere Rating, Main Lugs, Rainproof, 20 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	1,755.08	618.35
26 24 16 00-0435	EA	200 Ampere Rating, Main Lugs, Rainproof, 24 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	1,996.89	713.39
26 24 16 00-0436	EA	200 Ampere Rating, Main Lugs, Rainproof, 30 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	2,192.53	772.27
26 24 16 00-0437	EA	200 Ampere Rating, Main Lugs, Rainproof, 42 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	3,389.38	1,159.04
26 24 16 00-0438	EA	400 Ampere Rating, Main Lugs, Indoor, 42 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	3,949.33	1,287.81
26 24 16 00-0439	EA	400 Ampere Rating, Main Lugs, Rainproof, 42 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	4,156.68	1,287.81
26 24 16 00-0440		**Main Lug Load Center, 4 Wire, 20 Amperes, 120/208 Volt** *(26 24 16 00-0422)*		
		Note: Includes 1 pole plug-in breaker.		
26 24 16 00-0441	EA	125 Ampere Rating, Main Lugs, Indoor, 12 Circuit, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	1,075.50	386.53
26 24 16 00-0442	EA	125 Ampere Rating, Main Lugs, Indoor, 18 Circuit, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	1,603.12	579.52
26 24 16 00-0443	EA	125 Ampere Rating, Main Lugs, Rainproof, 12 Circuits, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	1,132.52	386.53
26 24 16 00-0444	EA	125 Ampere Rating, Main Lugs, Rainproof, 18 Circuits, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	1,654.95	579.52
26 24 16 00-0445	EA	200 Ampere Rating, Main Lugs, Indoor, 24 Circuit, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	2,031.45	713.39
26 24 16 00-0446	EA	200 Ampere Rating, Main Lugs, Indoor, 30 Circuit, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	2,219.27	772.73
26 24 16 00-0447	EA	200 Ampere Rating, Main Lugs, Indoor, 36 Circuit, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	2,719.01	927.57
26 24 16 00-0448	EA	200 Ampere Rating, Main Lugs, Indoor, 42 Circuit, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	3,259.79	1,159.04

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0449	EA	200 Ampere Rating, Main Lugs, Rainproof, 24 Circuits, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	2,091.93	713.39
26 24 16 00-0450	EA	200 Ampere Rating, Main Lugs, Rainproof, 30 Circuits, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	2,287.57	772.27
26 24 16 00-0451	EA	200 Ampere Rating, Main Lugs, Rainproof, 36 Circuits, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	2,951.10	926.88
26 24 16 00-0452	EA	200 Ampere Rating, Main Lugs, Rainproof, 42 Circuits, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	3,493.06	1,159.04
26 24 16 00-0453	EA	400 Ampere Rating, Main Lugs, Indoor, 42 Circuit, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	4,001.17	1,287.81
26 24 16 00-0454	EA	400 Ampere Rating, Main Lugs, Rainproof, 42 Circuits, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	4,208.52	1,287.81
26 24 16 00-0455		**Main Breaker Load Center, 3 Wire, 20 Amperes, 120/240 Volt, 1 Phase** *(26 24 16 00-0422)*		
		Note: Includes 1 pole plug-in breaker.		
26 24 16 00-0456	EA	125 Ampere Rating, Main Breaker, Indoor, 12 Circuit, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	1,068.58	386.53
26 24 16 00-0457	EA	125 Ampere Rating, Main Breaker, Indoor, 18 Circuit, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	1,578.93	579.52
26 24 16 00-0458	EA	200 Ampere Rating, Main Breaker, Indoor, 20 Circuit, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	1,832.83	618.35
26 24 16 00-0459	EA	200 Ampere Rating, Main Breaker, Indoor, 24 Circuit, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	2,101.27	713.73
26 24 16 00-0460	EA	200 Ampere Rating, Main Breaker, Indoor, 30 Circuit, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	2,314.31	772.73
26 24 16 00-0461	EA	200 Ampere Rating, Main Breaker, Indoor, 40 Circuit, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	3,063.06	1,030.38
26 24 16 00-0462	EA	200 Ampere Rating, Main Breaker, Rainproof, 20 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	1,850.11	618.35
26 24 16 00-0463	EA	200 Ampere Rating, Main Breaker, Rainproof, 24 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	2,135.13	713.39
26 24 16 00-0464	EA	200 Ampere Rating, Main Breaker, Rainproof, 30 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	2,322.13	772.27
26 24 16 00-0465	EA	200 Ampere Rating, Main Breaker, Rainproof, 40 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	2,968.03	1,030.38
26 24 16 00-0466	EA	400 Ampere Rating, Main Breaker, Indoor, 42 Circuit, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	5,729.09	1,287.81
26 24 16 00-0467	EA	400 Ampere Rating, Main Breaker, Rainproof, 42 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	6,074.67	1,287.81
26 24 16 00-0468		**Main Breaker Load Center, 4 Wire, 20 Amperes, 120/208 Volt** *(26 24 16 00-0422)*		
		Note: Includes 1 pole plug-in breaker.		
26 24 16 00-0469	EA	200 Ampere Rating, Main Breaker, Indoor, 30 Circuit, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	2,798.12	772.73
26 24 16 00-0470	EA	200 Ampere Rating, Main Breaker, Indoor, 42 Circuit, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	3,812.72	1,159.04
26 24 16 00-0471	EA	200 Ampere Rating, Main Breaker, Rainproof, 30 Circuits, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	2,900.98	772.27
26 24 16 00-0472	EA	200 Ampere Rating, Main Breaker, Rainproof, 42 Circuits, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	3,916.40	1,159.04
26 24 16 00-0473		**Panel Mounted Accessories And Fuseholders** *(26 24 16 00-0001)*		
26 24 16 00-0474		**Midget Finger-Safe Fuse Holders** *(26 24 16 00-0473)*		
		Note: 30 Amp capacity. Excludes fuse.		
26 24 16 00-0475	EA	1 Pole Midget Finger-Safe Fuse Holder	75.75	20.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.91*	
26 24 16 00-0476	EA	1 Pole With Indicator Midget Finger-Safe Fuse Holder	89.68	20.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.91*	
26 24 16 00-0477	EA	2 Pole Midget Finger-Safe Fuse Holder	122.48	31.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.86*	
26 24 16 00-0478	EA	2 Pole With Indicators Midget Finger-Safe Fuse Holder	158.83	31.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.86*	
26 24 16 00-0479	EA	3 Pole Midget Finger-Safe Fuse Holder	180.48	41.73
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.82*	
26 24 16 00-0480	EA	3 Pole With Indicators Midget Finger-Safe Fuse Holder	228.75	41.73
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.82*	
26 24 16 00-0481	EA	3 Pole With 4th Neutral Pole Midget Finger-Safe Fuse Holder Note: With indicators.	269.13	41.73
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.82*	
26 24 16 00-0482	EA	3 Pole With 4th Neutral Pole Midget Finger-Safe Fuse Holder	215.60	41.73
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.82*	
26 24 16 00-0483	EA	4 Pole Midget Finger-Safe Fuse Holder	227.36	52.16
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*34.77*	
26 24 16 00-0484	EA	4 Pole With Indicator Midget Finger-Safe Fuse Holder	280.37	52.16
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*34.77*	
26 24 16 00-0485	EA	12 To 24 Volt DC Midget Finger-Safe Fuse Holder Note: With indicator.	89.72	20.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.91*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0486	EA	20 To 24 Volt DC Midget Finger-Safe Fuse Holder Note: With indicator.	97.12	20.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.91*	
26 24 16 00-0487	EA	35 To 48 Volt DC Midget Finger-Safe Fuse Holder Note: With indicator.	91.09	20.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.91*	

26 24 16 00-0488 Removal And Reinstallation Of Panelboards *(26 24 16 00-0001)*

Note: Includes storage, cleaning and supply materials.

26 24 16 00-0489	EA	Removal And Reinstallation Of Up To 42 Circuit Capacity Panelboards With Breakers Note: Includes removal and reinstallation of main wiring to panelboard.	1,455.76	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*434.64*	
26 24 16 00-0490	EA	Removal And Reinstallation Of Breaker, 1-2-3 Pole, Any Amperage	77.34	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*22.60*	
26 24 16 00-0491	EA	Panelboard Filler Plate, Fits 1" Opening	5.63	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1.09*	

26 24 19 Motor-Control Centers *(26 24)*

26 24 19 00-0001 Combination Starters With Molded Case Circuit Breakers *(26 24 19)*

Note: Includes NEMA I enclosure of indoor installation, vertical free standing floor mounted sections (90" high x 20" wide x 16" o 20" Deep), fully factory assembled and wired internally.

26 24 19 00-0002 230 Volt Combination With Molded Case Circuit, Full Volt *(26 24 19 00-0001)*

Note: 1-Speed non-reversing.

26 24 19 00-0003	EA	230 Volt, Full Volt, 1 Speed, Non-Reversing, 7-1/2 HP Combination With Molded Case Circuit	2,370.96	105.89
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*63.53*	
26 24 19 00-0004	EA	230 Volt, Full Volt, 1 Speed, Non-Reversing, 15 HP Combination With Molded Case Circuit	2,808.43	111.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*66.71*	
26 24 19 00-0005	EA	230 Volt, Full Volt, 1 Speed, Non-Reversing, 30 HP Combination With Molded Case Circuit	4,180.92	116.48
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*69.89*	
26 24 19 00-0006	EA	230 Volt, Full Volt, 1 Speed, Non-Reversing, 50 HP Combination With Molded Case Circuit	7,581.77	137.66
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*82.59*	
26 24 19 00-0007	EA	230 Volt, Full Volt, 1 Speed, Non-Reversing, 100 HP Combination With Molded Case Circuit	15,273.89	158.83
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*95.30*	
26 24 19 00-0008	EA	230 Volt, Full Volt, 1 Speed, Non-Reversing, 200 HP Combination With Molded Case Circuit	25,699.15	211.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*127.07*	

26 24 19 00-0009 480 Volt Combination With Molded Case Circuit, Full Volt *(26 24 19 00-0001)*

Note: 1-Speed non-reversing.

26 24 19 00-0010	EA	480 Volt, Full Volt, 1 Speed, Non-Reversing, 10 HP Combination With Molded Case Circuit	2,370.96	105.89
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*63.53*	
26 24 19 00-0011	EA	480 Volt, Full Volt, 1 Speed, Non-Reversing, 25 HP Combination With Molded Case Circuit	2,808.43	111.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*66.71*	
26 24 19 00-0012	EA	480 Volt, Full Volt, 1 Speed, Non-Reversing, 50 HP Combination With Molded Case Circuit	4,180.92	116.48
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*69.89*	
26 24 19 00-0013	EA	480 Volt, Full Volt, 1 Speed, Non-Reversing, 100 HP Combination With Molded Case Circuit	7,581.77	137.66
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*82.59*	
26 24 19 00-0014	EA	480 Volt, Full Volt, 1 Speed, Non-Reversing, 200 HP Combination With Molded Case Circuit	15,273.89	158.83
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*95.30*	
26 24 19 00-0015	EA	480 Volt, Full Volt, 1 Speed, Non-Reversing, 400 HP Combination With Molded Case Circuit	25,699.15	211.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*127.07*	

26 24 19 00-0016 230 Volt Combination With Molded Case Circuit, Full Volt *(26 24 19 00-0001)*

Note: 1-Speed reversing.

26 24 19 00-0017	EA	230 Volt, Full Volt, 1 Speed, Reversing, 7-1/2 HP Combination With Molded Case Circuit	3,437.00	105.89
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*63.53*	
26 24 19 00-0018	EA	230 Volt, Full Volt, 1 Speed, Reversing, 15 HP Combination With Molded Case Circuit	4,581.40	111.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*66.71*	
26 24 19 00-0019	EA	230 Volt, Full Volt, 1 Speed, Reversing, 30 HP Combination With Molded Case Circuit	6,568.23	116.48
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*69.89*	
26 24 19 00-0020	EA	230 Volt, Full Volt, 1 Speed, Reversing, 50 HP Combination With Molded Case Circuit	11,493.60	137.66
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*82.59*	
26 24 19 00-0021	EA	230 Volt, Full Volt, 1 Speed, Reversing, 100 HP Combination With Molded Case Circuit	22,625.52	158.83
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*95.30*	
26 24 19 00-0022	EA	230 Volt, Full Volt, 1 Speed, Reversing, 200 HP Combination With Molded Case Circuit	38,993.07	211.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*127.07*	

26 24 19 00-0023 480 Volt Combination With Molded Case Circuit, Full Volt *(26 24 19 00-0001)*

Note: 1-Speed reversing.

26 24 19 00-0024	EA	480 Volt, Full Volt, 1 Speed, Reversing, 10 HP Combination With Molded Case Circuit	3,437.00	105.89
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*63.53*	
26 24 19 00-0025	EA	480 Volt, Full Volt, 1 Speed, Reversing, 25 HP Combination With Molded Case Circuit	4,581.40	111.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*66.71*	
26 24 19 00-0026	EA	480 Volt, Full Volt, 1 Speed, Reversing, 50 HP Combination With Molded Case Circuit	6,568.23	116.48
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*69.89*	
26 24 19 00-0027	EA	480 Volt, Full Volt, 1 Speed, Reversing, 100 HP Combination With Molded Case Circuit	11,493.60	137.66
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*82.59*	
26 24 19 00-0028	EA	480 Volt, Full Volt, 1 Speed, Reversing, 200 HP Combination With Molded Case Circuit	22,625.52	158.83
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*95.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0029	EA	480 Volt, Full Volt, 1 Speed, Reversing, 400 HP Combination With Molded Case Circuit	38,993.07	211.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*127.07*	
26 24 19 00-0030		**230 Volt Combination With Molded Case Circuit, Full Volt** *(26 24 19 00-0001)*		
		Note: 2-Speed non-reversing, 2 wind.		
26 24 19 00-0031	EA	230 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 7-1/2 HP Combination With Molded Case Circuit	4,180.65	169.42
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*101.65*	
26 24 19 00-0032	EA	230 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 15 HP Combination With Molded Case Circuit	5,751.22	180.01
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*108.01*	
26 24 19 00-0033	EA	230 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 30 HP Combination With Molded Case Circuit	8,469.10	190.60
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*114.35*	
26 24 19 00-0034	EA	230 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 50 HP Combination With Molded Case Circuit	15,137.39	217.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*130.24*	
26 24 19 00-0035	EA	230 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 100 HP Combination With Molded Case Circuit	25,079.21	254.13
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*152.48*	
26 24 19 00-0036		**480 Volt Combination With Molded Case Circuit, Full Volt** *(26 24 19 00-0001)*		
		Note: 2-Speed non-reversing, 2 wind.		
26 24 19 00-0037	EA	480 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 10 HP Combination With Molded Case Circuit	4,180.65	169.42
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*101.65*	
26 24 19 00-0038	EA	480 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 25 HP Combination With Molded Case Circuit	5,751.22	180.01
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*108.01*	
26 24 19 00-0039	EA	480 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 50 HP Combination With Molded Case Circuit	8,469.10	190.60
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*114.35*	
26 24 19 00-0040	EA	480 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 100 HP Combination With Molded Case Circuit	15,137.39	217.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*130.24*	
26 24 19 00-0041	EA	480 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 200 HP Combination With Molded Case Circuit	25,079.21	254.13
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*152.48*	
26 24 19 00-0042		**230 Volt Combination With Molded Case Circuit, Full Volt** *(26 24 19 00-0001)*		
		Note: 2-Speed non-reversing, 2 wind.		
26 24 19 00-0043	EA	230 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 7-1/2 HP Combination With Molded Case Circuit	4,830.54	105.89
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*63.53*	
26 24 19 00-0044	EA	230 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 15 HP Combination With Molded Case Circuit	7,190.04	111.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*66.71*	
26 24 19 00-0045	EA	230 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 30 HP Combination With Molded Case Circuit	9,843.15	116.48
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*69.89*	
26 24 19 00-0046	EA	230 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 50 HP Combination With Molded Case Circuit	18,492.90	137.66
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*82.59*	
26 24 19 00-0047	EA	230 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 100 HP Combination With Molded Case Circuit	32,041.48	158.83
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*95.30*	
26 24 19 00-0048		**480 Volt Combination With Molded Case Circuit, Full Volt** *(26 24 19 00-0001)*		
		Note: 2-Speed non-reversing, 1 wind.		
26 24 19 00-0049	EA	480 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 10 HP Combination With Molded Case Circuit	4,830.54	105.89
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*63.53*	
26 24 19 00-0050	EA	480 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 25 HP Combination With Molded Case Circuit	7,190.04	111.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*66.71*	
26 24 19 00-0051	EA	480 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 50 HP Combination With Molded Case Circuit	9,843.15	116.48
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*69.89*	
26 24 19 00-0052	EA	480 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 100 HP Combination With Molded Case Circuit	18,492.90	137.66
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*82.59*	
26 24 19 00-0053	EA	480 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 200 HP Combination With Molded Case Circuit	32,041.48	158.83
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*95.30*	
26 24 19 00-0054		**230 Volt Combination With Molded Case Circuit** *(26 24 19 00-0001)*		
		Note: Reducing volt, auto-transformer.		
26 24 19 00-0055	EA	230 Volt, Reduced Volt, Auto Transformer, 15 HP Combination With Molded Case Circuit	7,144.87	111.19
26 24 19 00-0056	EA	230 Volt, Reduced Volt, Auto Transformer, 30 HP Combination With Molded Case Circuit	10,940.10	121.77
26 24 19 00-0057	EA	230 Volt, Reduced Volt, Auto Transformer, 50 HP Combination With Molded Case Circuit	18,440.95	137.66
26 24 19 00-0058	EA	230 Volt, Reduced Volt, Auto Transformer, 100 HP Combination With Molded Case Circuit	28,527.15	158.83
26 24 19 00-0059	EA	230 Volt, Reduced Volt, Auto Transformer, 200 HP Combination With Molded Case Circuit	48,804.28	211.77
26 24 19 00-0060		**480 Volt Combination With Molded Case Circuit** *(26 24 19 00-0001)*		
		Note: Reducing volt, auto-transformer.		
26 24 19 00-0061	EA	480 Volt, Reduced Volt, Auto Transformer, 25 HP Combination With Molded Case Circuit	7,144.87	111.19
26 24 19 00-0062	EA	480 Volt, Reduced Volt, Auto Transformer, 50 HP Combination With Molded Case Circuit	10,940.10	121.77
26 24 19 00-0063	EA	480 Volt, Reduced Volt, Auto Transformer, 100 HP Combination With Molded Case Circuit	18,440.95	137.66
26 24 19 00-0064	EA	480 Volt, Reduced Volt, Auto Transformer, 200 HP Combination With Molded Case Circuit	28,527.15	158.83
26 24 19 00-0065	EA	480 Volt, Reduced Volt, Auto Transformer, 400 HP Combination With Molded Case Circuit	48,804.28	211.77
26 24 19 00-0066		**230 Volt Combination With Molded Case Circuit** *(26 24 19 00-0001)*		
		Note: Reducing volt, part winding.		
26 24 19 00-0067	EA	230 Volt, Reduced Volt, Part Winding Starters, 10 HP Combination With Molded Case Circuit	4,878.55	169.42
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*101.65*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0068	EA	230 Volt, Reduced Volt, Part Winding Starters, 25 HP Combination With Molded Case Circuit	6,302.44	195.89
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*117.53*	
26 24 19 00-0069	EA	230 Volt, Reduced Volt, Part Winding Starters, 50 HP Combination With Molded Case Circuit	11,083.26	217.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*130.24*	
26 24 19 00-0070	EA	230 Volt, Reduced Volt, Part Winding Starters, 75 HP Combination With Molded Case Circuit	18,891.58	264.72
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*158.83*	
26 24 19 00-0071	EA	230 Volt, Reduced Volt, Part Winding Starters, 150 HP Combination With Molded Case Circuit	25,953.31	338.84
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*203.31*	

26 24 19 00-0072 480 Volt Combination With Molded Case Circuit *(26 24 19 00-0001)*

Note: Reducing volt, part winding.

26 24 19 00-0073	EA	480 Volt, Reduced Volt, Part Winding Starters, 15 HP Combination With Molded Case Circuit	4,878.55	169.42
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*101.65*	
26 24 19 00-0074	EA	480 Volt, Reduced Volt, Part Winding Starters, 40 HP Combination With Molded Case Circuit	6,302.44	195.89
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*117.53*	
26 24 19 00-0075	EA	480 Volt, Reduced Volt, Part Winding Starters, 75 HP Combination With Molded Case Circuit	11,083.26	217.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*130.24*	
26 24 19 00-0076	EA	480 Volt, Reduced Volt, Part Winding Starters, 150 HP Combination With Molded Case Circuit	18,891.58	264.72
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*158.83*	
26 24 19 00-0077	EA	480 Volt, Reduced Volt, Part Winding Starters, 350 HP Combination With Molded Case Circuit	25,953.31	338.84
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*203.31*	

26 24 19 00-0078 230 Volt Combination With Molded Case Circuit *(26 24 19 00-0001)*

Note: Reducing volt, energy saver.

26 24 19 00-0079	EA	230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 7-1/2 HP Combination With Molded Case Circuit	20,164.24	137.66
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*82.59*	
26 24 19 00-0080	EA	230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 15 HP Combination With Molded Case Circuit	21,390.92	169.42
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*101.65*	
26 24 19 00-0081	EA	230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 30 HP Combination With Molded Case Circuit	23,621.11	195.89
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*117.53*	
26 24 19 00-0082	EA	230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 50 HP Combination With Molded Case Circuit	35,764.87	217.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*130.24*	
26 24 19 00-0083	EA	230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 100 HP Combination With Molded Case Circuit	48,776.91	264.72
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*158.83*	
26 24 19 00-0084	EA	230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 200 HP Combination With Molded Case Circuit	66,194.17	338.84
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*203.31*	

26 24 19 00-0085 480 Volt Combination With Molded Case Circuit *(26 24 19 00-0001)*

Note: Reducing volt, energy saver.

26 24 19 00-0086	EA	480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 10 HP Combination With Molded Case Circuit	20,164.24	137.66
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*82.59*	
26 24 19 00-0087	EA	480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 25 HP Combination With Molded Case Circuit	21,390.92	169.42
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*101.65*	
26 24 19 00-0088	EA	480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 50 HP Combination With Molded Case Circuit	23,621.11	195.89
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*117.53*	
26 24 19 00-0089	EA	480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 100 HP Combination With Molded Case Circuit	35,764.87	217.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*130.24*	
26 24 19 00-0090	EA	480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 200 HP Combination With Molded Case Circuit	48,776.91	264.72
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*158.83*	
26 24 19 00-0091	EA	480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 400 HP Combination With Molded Case Circuit	66,194.17	338.84
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*203.31*	

26 24 19 00-0092 Combination Starters With Current Limiting Circuit Breakers *(26 24 19)*

Note: Includes NEMA I enclosure of indoor installation, vertical free standing floor mounted sections (90" high x 20" wide x 16" to 20" deep), fully factory assembled and wired internally.

26 24 19 00-0093 230 Volt Combination Starters With Current Limiting Circuit *(26 24 19 00-0092)*

Note: Full volt, 1-speed non-reversing.

26 24 19 00-0094	EA	230 Volt, Full Volt, 1 Speed, Non-Reversing, 7-1/2 HP Combination Starters With Current Limiting Circuit	3,172.75	105.89
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*63.53*	
26 24 19 00-0095	EA	230 Volt, Full Volt, 1 Speed, Non-Reversing, 15 HP Combination Starters With Current Limiting Circuit	3,610.22	111.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*66.71*	
26 24 19 00-0096	EA	230 Volt, Full Volt, 1 Speed, Non-Reversing, 30 HP Combination Starters With Current Limiting Circuit	5,583.49	116.48
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*69.89*	
26 24 19 00-0097	EA	230 Volt, Full Volt, 1 Speed, Non-Reversing, 50 HP Combination Starters With Current Limiting Circuit	10,289.79	137.66
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*82.59*	
26 24 19 00-0098	EA	230 Volt, Full Volt, 1 Speed, Non-Reversing, 100 HP Combination Starters With Current Limiting Circuit	18,422.33	158.83
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*95.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0099	EA	230 Volt, Full Volt, 1 Speed, Non-Reversing, 200 HP Combination Starters With Current Limiting Circuit	30,028.82	211.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*127.07*	
26 24 19 00-0100		**480 Volt Combination Starters With Current Limiting Circuit** *(26 24 19 00-0092)*		
		Note: Full volt, 1-speed non-reversing.		
26 24 19 00-0101	EA	480 Volt, Full Volt, 1 Speed, Non-Reversing, 10 HP Combination Starters With Current Limiting Circuit	3,172.75	105.89
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*63.53*	
26 24 19 00-0102	EA	480 Volt, Full Volt, 1 Speed, Non-Reversing, 25 HP Combination Starters With Current Limiting Circuit	3,610.22	111.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*66.71*	
26 24 19 00-0103	EA	480 Volt, Full Volt, 1 Speed, Non-Reversing, 50 HP Combination Starters With Current Limiting Circuit	5,583.49	116.48
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*69.89*	
26 24 19 00-0104	EA	480 Volt, Full Volt, 1 Speed, Non-Reversing, 100 HP Combination Starters With Current Limiting Circuit	10,289.79	137.66
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*82.59*	
26 24 19 00-0105	EA	480 Volt, Full Volt, 1 Speed, Non-Reversing, 200 HP Combination Starters With Current Limiting Circuit	18,422.33	158.83
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*95.30*	
26 24 19 00-0106	EA	480 Volt, Full Volt, 1 Speed, Non-Reversing, 400 HP Combination Starters With Current Limiting Circuit	30,028.82	211.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*127.07*	
26 24 19 00-0107		**230 Volt Combination Starters With Current Limiting Circuit** *(26 24 19 00-0092)*		
		Note: Full volt, 1-speed reversing.		
26 24 19 00-0108	EA	230 Volt, Full Volt, 1 Speed, Reversing, 7-1/2 HP Combination Starters With Current Limiting Circuit	4,232.02	105.89
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*63.53*	
26 24 19 00-0109	EA	230 Volt, Full Volt, 1 Speed, Reversing, 15 HP Combination Starters With Current Limiting Circuit	5,367.38	111.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*66.71*	
26 24 19 00-0110	EA	230 Volt, Full Volt, 1 Speed, Reversing, 30 HP Combination Starters With Current Limiting Circuit	7,939.17	116.48
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*69.89*	
26 24 19 00-0111	EA	230 Volt, Full Volt, 1 Speed, Reversing, 50 HP Combination Starters With Current Limiting Circuit	14,165.49	137.66
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*82.59*	
26 24 19 00-0112	EA	230 Volt, Full Volt, 1 Speed, Reversing, 100 HP Combination Starters With Current Limiting Circuit	25,710.72	158.83
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*95.30*	
26 24 19 00-0113		**480 Volt Combination Starters With Current Limiting Circuit** *(26 24 19 00-0092)*		
		Note: Full volt, 1-speed reversing.		
26 24 19 00-0114	EA	480 Volt, Full Volt, 1 Speed, Reversing, 10 HP Combination Starters With Current Limiting Circuit	4,232.02	105.89
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*63.53*	
26 24 19 00-0115	EA	480 Volt, Full Volt, 1 Speed, Reversing, 25 HP Combination Starters With Current Limiting Circuit	5,367.38	111.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*66.71*	
26 24 19 00-0116	EA	480 Volt, Full Volt, 1 Speed, Reversing, 50 HP Combination Starters With Current Limiting Circuit	7,939.17	116.48
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*69.89*	
26 24 19 00-0117	EA	480 Volt, Full Volt, 1 Speed, Reversing, 100 HP Combination Starters With Current Limiting Circuit	14,165.49	137.66
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*82.59*	
26 24 19 00-0118	EA	480 Volt, Full Volt, 1 Speed, Reversing, 200 HP Combination Starters With Current Limiting Circuit	25,710.72	158.83
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*95.30*	
26 24 19 00-0119		**230 Volt Combination Starters With Current Limiting Circuit** *(26 24 19 00-0092)*		
		Note: Full volt, 2-speed non-reversing, 2 wind.		
26 24 19 00-0120	EA	230 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 7-1/2 HP Combination Starters With Current Limiting Circuit	4,962.11	169.42
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*101.65*	
26 24 19 00-0121	EA	230 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 15 HP Combination Starters With Current Limiting Circuit	6,521.39	180.01
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*108.01*	
26 24 19 00-0122	EA	230 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 30 HP Combination Starters With Current Limiting Circuit	9,817.47	190.60
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*114.35*	
26 24 19 00-0123	EA	230 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 50 HP Combination Starters With Current Limiting Circuit	17,777.65	217.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*130.24*	
26 24 19 00-0124	EA	230 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 100 HP Combination Starters With Current Limiting Circuit	28,139.57	254.13
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*152.48*	
26 24 19 00-0125		**480 Volt Combination Starters With Current Limiting Circuit** *(26 24 19 00-0092)*		
		Note: Full volt, 2-speed non-reversing, 2 wind.		
26 24 19 00-0126	EA	480 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 10 HP Combination Starters With Current Limiting Circuit	4,962.11	169.42
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*101.65*	
26 24 19 00-0127	EA	480 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 25 HP Combination Starters With Current Limiting Circuit	6,521.39	180.01
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*108.01*	
26 24 19 00-0128	EA	480 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 50 HP Combination Starters With Current Limiting Circuit	9,817.47	190.60
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*114.35*	
26 24 19 00-0129	EA	480 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 100 HP Combination Starters With Current Limiting Circuit	17,777.65	217.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*130.24*	
26 24 19 00-0130	EA	480 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 200 HP Combination Starters With Current Limiting Circuit	28,139.57	254.13
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*152.48*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0131		**230 Volt Combination Starters With Current Limiting Circuit** *(26 24 19 00-0092)*		
		Note: Full volt, 2-speed non-reversing, 1 wind.		
26 24 19 00-0132	EA	230 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 7-1/2 HP Combination Starters With Current Limiting Circuit	5,717.90	158.83
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*95.30*	
26 24 19 00-0133	EA	230 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 15 HP Combination Starters With Current Limiting Circuit	8,063.12	169.42
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*101.65*	
26 24 19 00-0134	EA	230 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 30 HP Combination Starters With Current Limiting Circuit	11,311.80	180.01
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*108.01*	
26 24 19 00-0135	EA	230 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 50 HP Combination Starters With Current Limiting Circuit	21,239.19	206.48
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*123.89*	
26 24 19 00-0136	EA	230 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 100 HP Combination Starters With Current Limiting Circuit	35,210.28	243.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*146.13*	
26 24 19 00-0137		**480 Volt Combination Starters With Current Limiting Circuit** *(26 24 19 00-0092)*		
		Note: Full volt, 2-speed non-reversing, 1 wind.		
26 24 19 00-0138	EA	480 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 10 HP Combination Starters With Current Limiting Circuit	5,717.90	158.83
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*95.30*	
26 24 19 00-0139	EA	480 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 25 HP Combination Starters With Current Limiting Circuit	8,063.12	169.42
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*101.65*	
26 24 19 00-0140	EA	480 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 50 HP Combination Starters With Current Limiting Circuit	11,311.80	180.01
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*108.01*	
26 24 19 00-0141	EA	480 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 100 HP Combination Starters With Current Limiting Circuit	21,239.19	206.48
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*123.89*	
26 24 19 00-0142	EA	480 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 200 HP Combination Starters With Current Limiting Circuit	35,210.28	243.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*146.13*	
26 24 19 00-0143		**230 Volt Combination Starters With Current Limiting Circuit** *(26 24 19 00-0092)*		
		Note: Reduced volt, auto-transformer.		
26 24 19 00-0144	EA	230 Volt, Reduced Volt, Auto Transformer, 15 HP Combination Starters With Current Limiting Circuit	7,903.75	111.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*66.71*	
26 24 19 00-0145	EA	230 Volt, Reduced Volt, Auto Transformer, 30 HP Combination Starters With Current Limiting Circuit	12,728.89	121.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*73.06*	
26 24 19 00-0146	EA	230 Volt, Reduced Volt, Auto Transformer, 50 HP Combination Starters With Current Limiting Circuit	21,514.86	137.66
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*82.59*	
26 24 19 00-0147	EA	230 Volt, Reduced Volt, Auto Transformer, 100 HP Combination Starters With Current Limiting Circuit	32,594.83	158.83
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*95.30*	
26 24 19 00-0148	EA	230 Volt, Reduced Volt, Auto Transformer, 200 HP Combination Starters With Current Limiting Circuit	53,630.83	211.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*127.07*	
26 24 19 00-0149		**480 Volt Combination Starters With Current Limiting Circuit** *(26 24 19 00-0092)*		
		Note: Reduced volt, auto-transformer.		
26 24 19 00-0150	EA	480 Volt, Reduced Volt, Auto Transformer, 25 HP Combination Starters With Current Limiting Circuit	7,903.75	111.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*66.71*	
26 24 19 00-0151	EA	480 Volt, Reduced Volt, Auto Transformer, 50 HP Combination Starters With Current Limiting Circuit	12,728.89	121.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*73.06*	
26 24 19 00-0152	EA	480 Volt, Reduced Volt, Auto Transformer, 100 HP Combination Starters With Current Limiting Circuit	21,514.86	137.66
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*82.59*	
26 24 19 00-0153	EA	480 Volt, Reduced Volt, Auto Transformer, 200 HP Combination Starters With Current Limiting Circuit	32,594.83	158.83
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*95.30*	
26 24 19 00-0154	EA	480 Volt, Reduced Volt, Auto Transformer, 400 HP Combination Starters With Current Limiting Circuit	53,630.83	211.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*127.07*	
26 24 19 00-0155		**230 Volt Combination Starters With Current Limiting Circuit** *(26 24 19 00-0092)*		
		Note: Reduced volt, part winding.		
26 24 19 00-0156	EA	230 Volt, Reduced Volt, Part Winding Starters, 10 HP Combination Starters With Current Limiting Circuit	5,660.01	169.42
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*101.65*	
26 24 19 00-0157	EA	230 Volt, Reduced Volt, Part Winding Starters, 25 HP Combination Starters With Current Limiting Circuit	7,068.09	195.89
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*117.53*	
26 24 19 00-0158	EA	230 Volt, Reduced Volt, Part Winding Starters, 50 HP Combination Starters With Current Limiting Circuit	12,422.59	217.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*130.24*	
26 24 19 00-0159	EA	230 Volt, Reduced Volt, Part Winding Starters, 75 HP Combination Starters With Current Limiting Circuit	22,003.88	264.72
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*158.83*	
26 24 19 00-0160	EA	230 Volt, Reduced Volt, Part Winding Starters, 150 HP Combination Starters With Current Limiting Circuit	32,462.50	338.84
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*203.31*	
26 24 19 00-0161		**480 Volt Combination Starters With Current Limiting Circuit** *(26 24 19 00-0092)*		
		Note: Reduced volt, part winding.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0162	EA	480 Volt, Reduced Volt, Part Winding Starters, 15 HP Combination Starters With Current Limiting Circuit	5,660.01	169.42
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*101.65*	
26 24 19 00-0163	EA	480 Volt, Reduced Volt, Part Winding Starters, 40 HP Combination Starters With Current Limiting Circuit	7,068.09	195.89
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*117.53*	
26 24 19 00-0164	EA	480 Volt, Reduced Volt, Part Winding Starters, 75 HP Combination Starters With Current Limiting Circuit	12,422.59	217.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*130.24*	
26 24 19 00-0165	EA	480 Volt, Reduced Volt, Part Winding Starters, 150 HP Combination Starters With Current Limiting Circuit	22,003.88	264.72
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*158.83*	
26 24 19 00-0166	EA	480 Volt, Reduced Volt, Part Winding Starters, 350 HP Combination Starters With Current Limiting Circuit	32,462.50	338.84
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*203.31*	

26 24 19 00-0167 230 Volt Combination Starters With Current Limiting Circuit *(26 24 19 00-0092)*

Note: Reduced volt, energy saving

26 24 19 00-0168	EA	230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 7.5 HP Combination Starters With Current Limiting Circuit	20,812.44	137.66
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*82.59*	
26 24 19 00-0169	EA	230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 15 HP Combination Starters With Current Limiting Circuit	22,032.35	169.42
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*101.65*	
26 24 19 00-0170	EA	230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 30 HP Combination Starters With Current Limiting Circuit	24,239.96	195.89
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*117.53*	
26 24 19 00-0171	EA	230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 50 HP Combination Starters With Current Limiting Circuit	36,277.56	217.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*130.24*	
26 24 19 00-0172	EA	230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 100 HP Combination Starters With Current Limiting Circuit	49,174.42	264.72
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*158.83*	
26 24 19 00-0173	EA	230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 200 HP Combination Starters With Current Limiting Circuit	68,920.26	338.84
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*203.31*	

26 24 19 00-0174 480 Volt Combination Starters With Current Limiting Circuit *(26 24 19 00-0092)*

Note: Reduced volt, energy saving

26 24 19 00-0175	EA	480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 10 HP Combination Starters With Current Limiting Circuit	20,812.48	137.66
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*82.61*	
26 24 19 00-0176	EA	480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 25 HP Combination Starters With Current Limiting Circuit	22,032.35	169.42
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*101.65*	
26 24 19 00-0177	EA	480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 50 HP Combination Starters With Current Limiting Circuit	24,239.96	195.89
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*117.53*	
26 24 19 00-0178	EA	480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 100 HP Combination Starters With Current Limiting Circuit	36,277.56	217.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*130.24*	
26 24 19 00-0179	EA	480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 200 HP Combination Starters With Current Limiting Circuit	49,174.42	264.72
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*158.83*	
26 24 19 00-0180	EA	480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 400 HP Combination Starters With Current Limiting Circuit	68,920.26	338.84
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*203.31*	

26 24 19 00-0181 Combination Starters With Fusible Switch *(26 24 19)*

Note: Includes NEMA I enclosure of indoor installation, vertical free standing floor mounted sections (90" high x 20" wide x 16" to 20" deep), fully factory assembled and Wired Internally.

26 24 19 00-0182 230 Volt Combination Starters With Fusible Switch, Full Volt *(26 24 19 00-0181)*

Note: 1-Speed non-reversing.

26 24 19 00-0183	EA	7-1/2 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing	2,108.96	105.89
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*63.53*	
26 24 19 00-0184	EA	15 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing	2,910.06	111.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*66.71*	
26 24 19 00-0185	EA	30 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing	4,908.18	116.48
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*69.89*	
26 24 19 00-0186	EA	50 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing	8,659.10	137.66
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*82.59*	
26 24 19 00-0187	EA	100 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing	14,058.78	158.83
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*95.30*	
26 24 19 00-0188	EA	200 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing	25,078.05	211.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*127.07*	

26 24 19 00-0189 480 Volt Combination Starters With Fusible Switch, Full Volt *(26 24 19 00-0181)*

Note: 1-Speed non-reversing.

26 24 19 00-0190	EA	10 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing	2,108.96	105.89
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*63.53*	
26 24 19 00-0191	EA	25 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing	2,910.06	111.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*66.71*	
26 24 19 00-0192	EA	50 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing	4,908.18	116.48
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*69.89*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0193	EA	100 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing	8,659.10	137.66
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*82.59*	
26 24 19 00-0194	EA	200 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing	14,058.78	158.83
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*95.30*	
26 24 19 00-0195	EA	400 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing	25,078.05	211.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*127.07*	
26 24 19 00-0196		**230 Volt Combination Starters With Fusible Switch, Full Volt** *(26 24 19 00-0181)*		
		Note: 1-Speed reversing.		
26 24 19 00-0197	EA	7-1/2 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing	3,407.64	105.89
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*63.53*	
26 24 19 00-0198	EA	15 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing	5,078.29	111.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*66.71*	
26 24 19 00-0199	EA	30 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing	8,126.64	116.48
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*69.89*	
26 24 19 00-0200	EA	50 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing	13,246.25	137.66
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*82.59*	
26 24 19 00-0201	EA	100 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing	20,380.51	158.83
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*95.30*	
26 24 19 00-0202	EA	200 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing	34,645.33	211.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*127.07*	
26 24 19 00-0203		**480 Volt Combination Starters With Fusible Switch, Full Volt** *(26 24 19 00-0181)*		
		Note: 1-Speed reversing.		
26 24 19 00-0204	EA	10 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing	3,407.64	105.89
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*63.53*	
26 24 19 00-0205	EA	25 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing	5,078.29	111.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*66.71*	
26 24 19 00-0206	EA	50 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing	8,126.64	116.48
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*69.89*	
26 24 19 00-0207	EA	100 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing	13,246.25	137.66
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*82.59*	
26 24 19 00-0208	EA	200 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing	20,380.51	158.83
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*95.30*	
26 24 19 00-0209	EA	400 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing	34,645.33	211.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*127.07*	
26 24 19 00-0210		**230 Volt Combination Starters With Fusible Switch, Full Volt** *(26 24 19 00-0181)*		
		Note: 2-Speed non-reversing, 2 wind.		
26 24 19 00-0211	EA	10 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 2 Wind Starter	3,990.93	169.42
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*101.65*	
26 24 19 00-0212	EA	15 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 2 Wind Starter	5,489.22	180.01
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*108.01*	
26 24 19 00-0213	EA	30 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 2 Wind Starter	8,638.49	190.60
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*114.35*	
26 24 19 00-0214	EA	50 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 2 Wind Starter	15,431.00	217.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*130.24*	
26 24 19 00-0215	EA	100 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 2 Wind Starter	24,584.59	254.13
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*152.48*	
26 24 19 00-0216		**480 Volt Combination Starters With Fusible Switch, Full Volt** *(26 24 19 00-0181)*		
		Note: 2-Speed non-reversing, 2 wind.		
26 24 19 00-0217	EA	10 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 2 Wind Starter	3,990.93	169.42
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*101.65*	
26 24 19 00-0218	EA	25 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 2 Wind Starter	5,489.22	180.01
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*108.01*	
26 24 19 00-0219	EA	50 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 2 Wind Starter	8,638.49	190.60
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*114.35*	
26 24 19 00-0220	EA	100 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 2 Wind Starter	15,431.00	217.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*130.24*	
26 24 19 00-0221	EA	200 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 2 Wind Starter	24,584.59	254.13
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*152.48*	
26 24 19 00-0222		**230 Volt Combination Starters With Fusible Switch, Full Volt** *(26 24 19 00-0181)*		
		Note: 2-Speed non-reversing, 1 wind.		
26 24 19 00-0223	EA	7-1/2 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 1 Wind Starter	4,554.99	105.89
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*63.53*	
26 24 19 00-0224	EA	15 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 1 Wind Starter	6,946.12	111.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*66.71*	
26 24 19 00-0225	EA	30 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 1 Wind Starter	10,001.25	116.48
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*69.89*	
26 24 19 00-0226	EA	50 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 1 Wind Starter	20,159.72	137.66
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*82.59*	
26 24 19 00-0227		**480 Volt Combination Starters With Fusible Switch, Full Volt** *(26 24 19 00-0181)*		
		Note: 2-Speed non-reversing, 1 wind.		
26 24 19 00-0228	EA	10 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 1 Wind Starter	4,554.99	105.89
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*63.53*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0229	EA	25 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 1 Wind Starter	6,946.12	111.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*66.71*	
26 24 19 00-0230	EA	50 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 1 Wind Starter	10,001.25	116.48
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*69.89*	
26 24 19 00-0231	EA	100 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 1 Wind Starter	20,159.72	137.66
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*82.59*	
26 24 19 00-0232		**230 Volt Combination Starters With Fusible Switch, Reduced Volt** *(26 24 19 00-0181)*		
		Note: Auto-transformer.		
26 24 19 00-0233	EA	15 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Auto-Transformer	6,898.69	111.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*66.71*	
26 24 19 00-0234	EA	30 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Auto-Transformer	12,180.06	121.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*73.06*	
26 24 19 00-0235	EA	50 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Auto-Transformer	20,292.97	137.66
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*82.59*	
26 24 19 00-0236	EA	100 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Auto-Transformer	27,095.22	158.83
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*95.30*	
26 24 19 00-0237	EA	200 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Auto-Transformer	45,520.32	211.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*127.07*	
26 24 19 00-0238		**480 Volt Combination Starters With Fusible Switch, Reduced Volt** *(26 24 19 00-0181)*		
		Note: Auto-transformer.		
26 24 19 00-0239	EA	25 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Auto-Transformer	6,898.69	111.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*66.71*	
26 24 19 00-0240	EA	50 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Auto-Transformer	12,180.06	121.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*73.06*	
26 24 19 00-0241	EA	100 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Auto-Transformer	20,292.97	137.66
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*82.59*	
26 24 19 00-0242	EA	200 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Auto-Transformer	27,095.22	158.83
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*95.30*	
26 24 19 00-0243	EA	400 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Auto-Transformer	45,520.32	211.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*127.07*	
26 24 19 00-0244		**230 Volt Combination Starters With Fusible Switch, Reduced Volt** *(26 24 19 00-0181)*		
		Note: Part winding.		
26 24 19 00-0245	EA	10 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Part Winding Starters	4,907.91	169.42
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*101.65*	
26 24 19 00-0246	EA	25 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Part Winding Starters	6,496.67	195.89
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*117.53*	
26 24 19 00-0247	EA	50 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Part Winding Starters	10,342.46	217.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*130.24*	
26 24 19 00-0248	EA	75 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Part Winding Starters	20,614.86	264.72
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*158.83*	
26 24 19 00-0249		**480 Volt Combination Starters With Fusible Switch, Reduced Volt** *(26 24 19 00-0181)*		
		Note: Part winding.		
26 24 19 00-0250	EA	15 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Part Winding Starters	4,907.91	169.42
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*101.65*	
26 24 19 00-0251	EA	40 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Part Winding Starters	6,496.67	195.89
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*117.53*	
26 24 19 00-0252	EA	75 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Part Winding Starters	10,342.46	217.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*130.24*	
26 24 19 00-0253	EA	150 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Part Winding Starters	20,614.86	264.72
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*158.83*	
26 24 19 00-0254		**230 Volt Combination Starters With Fusible Switch, Reduced Volt** *(26 24 19 00-0181)*		
		Note: Energy saver.		
26 24 19 00-0255	EA	7.5 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP	20,161.98	137.66
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*82.59*	
26 24 19 00-0256	EA	15 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP	21,390.92	169.42
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*101.65*	
26 24 19 00-0257	EA	30 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP	23,621.11	195.89
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*117.53*	
26 24 19 00-0258	EA	50 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP	35,764.87	217.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*130.24*	
26 24 19 00-0259	EA	100 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP	48,776.91	264.72
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*158.83*	
26 24 19 00-0260	EA	200 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP	66,194.17	338.84
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*203.31*	
26 24 19 00-0261		**480 Volt Combination Starters With Fusible Switch, Reduced Volt** *(26 24 19 00-0181)*		
		Note: Energy saver.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0262	EA	10 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP	20,161.98	137.66
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*82.59*	
26 24 19 00-0263	EA	25 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP	21,390.92	169.42
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*101.65*	
26 24 19 00-0264	EA	50 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP	23,621.11	195.89
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*117.53*	
26 24 19 00-0265	EA	100 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP	35,764.87	217.07
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*130.24*	
26 24 19 00-0266	EA	200 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP	48,776.91	264.72
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*158.83*	
26 24 19 00-0267	EA	400 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP	66,194.17	338.84
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*203.31*	

26 24 19 00-0268 Starter Accessories *(26 24 19)*

Note: Additional options or accessories for the Combination Starters

26 24 19 00-0269 Starter Modifications *(26 24 19 00-0268)*

26 24 19 00-0270	EA	Size 1, 2, 50 VA, 60 Hertz, Standard Control Circuit Transformer	188.55
26 24 19 00-0271	EA	Size 3, 4, 150 VA, 60 Hertz, Standard Control Circuit Transformer	352.34
26 24 19 00-0272	EA	Size 5, 6, 50 VA, 60 Hertz, Control Circuit Transformer	503.66
26 24 19 00-0273	EA	Extra 50 VA, 60 Hertz, Control Circuit Transformer, All Sizes	126.48
26 24 19 00-0274	EA	Extra 100 VA, 60 Hertz, Control Circuit Transformer, All Sizes	178.43
26 24 19 00-0275	EA	Extra 150 VA, 60 Hertz, Control Circuit Transformer, All Sizes	300.39
26 24 19 00-0276	EA	Overload Relay Heater Elements, 3 Per Starter	74.53
26 24 19 00-0277	EA	N.O. Overload Relay Alarm	63.24
26 24 19 00-0278	EA	Control Circuit Fuses, Primary/Secondary	141.50
26 24 19 00-0279	EA	Control Devices Type PB2 Mount On Device, 2 Unit Pushbutton	174.94
26 24 19 00-0280	EA	Control Devices Type PB2 Mount On Device, 3 Unit Pushbutton	342.17
26 24 19 00-0281	EA	Control Devices Type PB2 Mount On Device, 2 Or 3 Post Select	174.94
26 24 19 00-0282	EA	Control Devices Type PB2 Mount On Device, Individual Light Full V	200.67
26 24 19 00-0283	EA	Control Devices Type PB2 Mount On Device, Individual Light Transformer	241.83
26 24 19 00-0284	EA	Control Devices Type PB2 Mount On Device, Individual Light Push To	285.57
26 24 19 00-0285	EA	Blank Devices Panel	54.03
26 24 19 00-0286	EA	Oversize Or Special Color Starter	84.90
26 24 19 00-0287	EA	Mini Voltmeter/Ammeter With Current Transformer	739.26
26 24 19 00-0288	EA	Mini Elapsed Time Meters, Non-Resettable	669.79
26 24 19 00-0289	EA	Panel Elapsed Time Meter, Resettable	1,003.36
26 24 19 00-0290	EA	Terminal Blocks, Side Mounted, Press Connection, Plug-In Press	84.90
26 24 19 00-0291	EA	Terminal Blocks, Side Mounted, Press Connection, Plug-In Screw	120.92
26 24 19 00-0292	EA	Terminal Blocks, Front Mounted, Press Connection, Standard	84.90
26 24 19 00-0293	EA	Terminal Blocks, Front Mounted, Press Connection, Plug-In	120.92
26 24 19 00-0294	EA	Terminal Blocks, Front Mounted, Press Connection, Screw-Type Utility	120.92
26 24 19 00-0295	EA	Terminal Blocks, Front Mounted, Press Connection, Plug-In Screw Type	174.94
26 24 19 00-0296	EA	MOR - A Solid State Modular Overload Relay	434.79
26 24 19 00-0297	EA	Heater Module	79.77
26 24 19 00-0298	EA	LAM - Long Acceleration Module	495.54
26 24 19 00-0299	EA	JAM - Jam Protection Module	568.06
26 24 19 00-0300	EA	PUM - Phase Unbalance Module	1,078.10
26 24 19 00-0301	EA	ULM - Underload Module	517.29
26 24 19 00-0302	EA	Wiring To Common Control Circuit Transformer	113.61
26 24 19 00-0303	EA	Handle Operator Separable Source Control Circuit	212.72
26 24 19 00-0304	EA	Type SIS Control Wire	89.44
26 24 19 00-0305	EA	Ring Or Spade Terminals Control	113.61
26 24 19 00-0306	EA	Ring Terminals Power	113.61
26 24 19 00-0307	EA	14 Gauge Control Wire	89.44
26 24 19 00-0308	EA	Wiremakers	113.61
26 24 19 00-0309	EA	Wiring Diagram On Door	67.68
26 24 19 00-0310	EA	Special Color Or Type Control Wire	82.19
26 24 19 00-0311	EA	Current Transformer 12.5 VA	645.41
26 24 19 00-0312	EA	Ground Fault Relay-Instant Non-Adjust, Size 1 Thru 4	2,061.92
26 24 19 00-0313	EA	Ground Fault Relay-Instant Non-Adjust, Size 5 Thru 6	2,320.57

26 24 19 00-0314 Control Relays And Special Components *(26 24 19 00-0268)*

26 24 19 00-0315	EA	600 Volt, 2 Pole, Control Relays	567.11
26 24 19 00-0316	EA	600 Volt, 4 Pole, Control Relays	669.24
26 24 19 00-0317	EA	600 Volt, 6 Pole, Control Relays	781.96
26 24 19 00-0318	EA	600 Volt, 8 Pole, Control Relays	869.37
26 24 19 00-0319	EA	Pneumatic Timer, Control Relays	756.12
26 24 19 00-0320	EA	Motor Driven Timer, Control Relays	1,970.32
26 24 19 00-0321	EA	7 Days Time Switch, Control Relays	2,479.92
26 24 19 00-0322	EA	24 Hour Time Switch, Control Relays	695.41
26 24 19 00-0323	EA	Phase Voltage, Control Relays	1,182.93
26 24 19 00-0324	EA	Two Circuit Alternator, Control Relays	1,655.73
26 24 19 00-0325	EA	Manual 120 Volt, Control Relays	161.89

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0326	EA	Over-Current Relay, Control Relays	4,612.13	
26 24 19 00-0327	EA	UV-Relay, Control Relays	3,906.29	
26 24 19 00-0328	EA	Over-Current Relay, Control Relays	3,906.29	
26 24 19 00-0329	EA	Teleductor, Control Relays	1,219.72	
26 24 19 00-0330	EA	Current Transducer, Control Relays	3,280.19	
26 24 19 00-0331	EA	Watt Transducer, Control Relays	6,560.38	
26 24 19 00-0332	EA	Control Relays, Blank, Add For Each 1x	222.60	
26 24 19 00-0333	EA	Control Relays, Fixed Mounted Back Pan, 20" Structure With Wireway	332.99	
26 24 19 00-0334	EA	Control Relays, Fixed Mounted Back Pan, 24" Structure With Wireway	375.30	
26 24 19 00-0335	EA	Control Relays, Fixed Mounted Back Pan, 280" Structure With Wireway	417.61	
26 24 19 00-0336	EA	Control Relays, Fixed Mounted Back Pan, 20" Structure Without Wireway	375.30	
26 24 19 00-0337	EA	Control Relays, Fixed Mounted Back Pan, 24" Structure Without Wireway	417.61	
26 24 19 00-0338	EA	Control Relays, Fixed Mounted Back Pan, 2820" Structure Without Wireway	439.69	
26 24 19 00-0339		**Circuit Breaker Modifications/Accessories** *(26 24 19 00-0268)*		
26 24 19 00-0340	EA	Shunt Trip, Circuit Breaker	358.37	
26 24 19 00-0341	EA	Auxiliary Switch, Circuit Breaker	123.78	
26 24 19 00-0342	EA	Key Interlock, Circuit Breaker	445.22	
26 24 19 00-0343	EA	GFR Ground Fault, Circuit Breaker	2,052.39	
26 24 19 00-0344	EA	Seltronic Breaker, Circuit Breaker	1,188.91	
26 24 19 00-0345		**Incoming Line And Feeder Circuit Breakers** *(26 24 19 00-0268)*		
26 24 19 00-0346	EA	Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 100	1,789.32	68.82
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*41.29*	
26 24 19 00-0347	EA	Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 150	3,106.07	105.89
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*63.53*	
26 24 19 00-0348	EA	Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 100/100	3,011.36	68.82
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*41.29*	
26 24 19 00-0349	EA	Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 100/150	4,325.54	105.89
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*63.53*	
26 24 19 00-0350	EA	Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 150/150	5,570.73	105.89
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*63.53*	
26 24 19 00-0351	EA	Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 250	3,406.34	137.66
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*82.61*	
26 24 19 00-0352	EA	Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 400	5,562.88	148.24
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*88.96*	
26 24 19 00-0353	EA	Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 600	7,340.22	190.60
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*114.31*	
26 24 19 00-0354	EA	Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 800	8,601.71	291.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*174.77*	
26 24 19 00-0355	EA	Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 1200	12,168.63	439.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*263.87*	
26 24 19 00-0356	EA	Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 2000	26,862.59	582.39
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*349.13*	
26 24 19 00-0357	EA	Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 2500	40,207.49	730.63
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*437.96*	
26 24 19 00-0358	EA	Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 3000	67,261.22	847.00
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*508.70*	
26 24 19 00-0359	EA	Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 50	2,157.22	68.82
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*41.29*	
26 24 19 00-0360	EA	Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 150	3,463.68	105.89
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*63.53*	
26 24 19 00-0361	EA	Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 50	2,157.22	68.82
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*41.29*	
26 24 19 00-0362	EA	Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 50/50	3,463.68	105.89
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*63.53*	
26 24 19 00-0363	EA	Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 50/150	3,693.13	68.82
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*41.29*	
26 24 19 00-0364	EA	Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 150/150	5,051.04	105.89
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*63.53*	
26 24 19 00-0365	EA	Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 50	6,280.80	105.89
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*63.53*	
26 24 19 00-0366	EA	Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 100	3,286.16	105.89
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*63.53*	
26 24 19 00-0367	EA	Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 400	8,313.57	291.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*174.77*	
26 24 19 00-0368	EA	Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 125-225	8,313.57	291.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*174.77*	
26 24 19 00-0369	EA	Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 125-400	11,234.63	317.66
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*190.52*	
26 24 19 00-0370	EA	Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 300-600	14,041.82	370.60
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*222.27*	
26 24 19 00-0371	EA	Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 300-800	16,151.19	439.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*263.87*	
26 24 19 00-0372		**Incoming Line And Feeder Fusible Switches** *(26 24 19 00-0268)*		
26 24 19 00-0373	EA	30 To 60 Amperes, Incoming Line And Feeder Fusible Switches	1,918.35	105.89
26 24 19 00-0374	EA	Incoming Line And Feeder Fusible Switches, 30 Dual / 60 Dual	2,979.53	105.89
26 24 19 00-0375	EA	100 Amperes, Incoming Line And Feeder Fusible Switches	3,089.56	132.36
26 24 19 00-0376	EA	200 Amperes, Incoming Line And Feeder Fusible Switches	5,048.95	158.83

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0377	EA	400 Amperes, Incoming Line And Feeder Fusible Switches	10,001.27	201.18
26 24 19 00-0378	EA	600 Amperes, Incoming Line And Feeder Fusible Switches	14,036.18	264.72
26 24 19 00-0379	EA	800 Amperes, Incoming Line And Feeder Fusible Switches	34,264.84	354.72
26 24 19 00-0380	EA	1,200 Amperes, Incoming Line And Feeder Fusible Switches	38,618.54	492.38
26 24 19 00-0381		**Dry Type Distribution Transformers** *(26 24 19 00-0268)*		
26 24 19 00-0382	EA	500 VA, Phase 1, Dry Type Distribution Transformers	1,754.59	
26 24 19 00-0383	EA	750 VA, Phase 1, Dry Type Distribution Transformers	1,811.19	
26 24 19 00-0384	EA	1,000 VA, Phase 1, Dry Type Distribution Transformers	1,870.36	
26 24 19 00-0385	EA	1,500 VA, Phase 1, Dry Type Distribution Transformers	2,145.64	
26 24 19 00-0386	EA	2,000 VA, Phase 1, Dry Type Distribution Transformers	2,325.73	
26 24 19 00-0387	EA	3,000 VA, Phase 1, Dry Type Distribution Transformers	2,593.72	
26 24 19 00-0388	EA	5,000 VA, Phase 1, Dry Type Distribution Transformers	3,164.44	
26 24 19 00-0389	EA	7,500 VA, Phase 1, Dry Type Distribution Transformers	3,565.78	
26 24 19 00-0390	EA	9,000 VA, Phase 3, Dry Type Distribution Transformers	8,289.28	
26 24 19 00-0391	EA	10,000 VA, Phase 1, Dry Type Distribution Transformers	4,399.34	
26 24 19 00-0392	EA	15,000 VA, Phase 1, Dry Type Distribution Transformers	6,094.75	
26 24 19 00-0393	EA	15,000 VA, Phase 3, Dry Type Distribution Transformers	9,498.45	
26 24 19 00-0394	EA	20,000 VA, Phase 1, Dry Type Distribution Transformers	8,796.10	
26 24 19 00-0395	EA	30,000 VA, Phase 1, Dry Type Distribution Transformers	12,189.51	
26 24 19 00-0396	EA	30,000 VA, Phase 3, Dry Type Distribution Transformers	12,400.53	
26 24 19 00-0397	EA	45,000 VA, Phase 1, Dry Type Distribution Transformers	17,177.03	
26 24 19 00-0398		**Metering Equipment** *(26 24 19 00-0268)*		
26 24 19 00-0399	EA	Metering Equipment, Voltmeter, Panel Type	828.41	
26 24 19 00-0400	EA	Metering Equipment, Voltmeter, Switchboard Type	1,811.19	
26 24 19 00-0401	EA	Metering Equipment, Ammeter, Panel	746.09	
26 24 19 00-0402	EA	Metering Equipment, Ammeter, Switchboard Type	1,811.19	
26 24 19 00-0403	EA	Metering Equipment, Voltmeter/Ammeter, Switch	1,005.93	
26 24 19 00-0404	EA	Metering Equipment, Control Switch, 4 Circuits	1,067.68	
26 24 19 00-0405	EA	Add For Additional Circuits	132.95	
26 24 19 00-0406	EA	Metering Equipment, Indicating Wattmeter	3,735.58	
26 24 19 00-0407	EA	Metering Equipment, Indicating Power Factor	3,913.09	
26 24 19 00-0408	EA	Metering Equipment, Integrating Watt-hour	3,450.01	
26 24 19 00-0409	EA	Add For Demand Attachment	870.21	
26 24 19 00-0410	EA	800 Amperes, Metering Equipment, Current Transformer	1,031.66	
26 24 19 00-0411	EA	1,000 Amperes, Metering Equipment, Current Transformer	1,780.32	
26 24 19 00-0412	EA	2,000 Amperes, Metering Equipment, Current Transformer	2,073.61	
26 24 19 00-0413	EA	Metering Equipment, Potential Transformer	1,728.86	
26 24 19 00-0414	EA	Metering Equipment, Surge Arrester	1,860.07	
26 24 19 00-0415	EA	Metering Equipment, Ground Detector System	1,422.71	
26 24 19 00-0416		**Current Limiting Reactors** *(26 24 19 00-0268)*		
26 24 19 00-0417	EA	600 Amperes, Current Limiting Reactors	31,754.98	
26 24 19 00-0418	EA	800 Amperes, Current Limiting Reactors	46,244.49	
26 24 19 00-0419	EA	1,000 Amperes, Current Limiting Reactors	60,767.45	
26 24 19 00-0420	EA	1,200 Amperes, Current Limiting Reactors	92,499.27	
26 24 19 00-0421		**Incoming Line Cable Space Requirements, Main Lugs Only** *(26 24 19 00-0268)*		
26 24 19 00-0422	EA	Incoming Line Cable Space Requirement, 350 MCC, 2 Screw	490.11	
26 24 19 00-0423	EA	Incoming Line Cable Space Requirement, 350 MCC, 2 Crimp	490.11	
26 24 19 00-0424	EA	Incoming Line Cable Space Requirement, 350 MCC, 4 Screw	677.57	
26 24 19 00-0425	EA	Incoming Line Cable Space Requirement, 350 MCC, 4 Crimp	1,239.95	
26 24 19 00-0426	EA	Incoming Line Cable Space Requirement, 600 MCC, 2 Screw	677.57	
26 24 19 00-0427	EA	Incoming Line Cable Space Requirement, 600 MCC, 2 Crimp	865.03	
26 24 19 00-0428	EA	Incoming Line Cable Space Requirement, 600 MCC, 4 Screw	865.03	
26 24 19 00-0429	EA	Incoming Line Cable Space Requirement, 600 MCC, 4 Crimp	1,237.69	
26 24 19 00-0430	EA	Incoming Line Cable Space Requirement, 750 MCC, 2 Screw	865.03	
26 24 19 00-0431	EA	Incoming Line Cable Space Requirement, 750 MCC, 2 Crimp	1,237.69	
26 24 19 00-0432	EA	Incoming Line Cable Space Requirement, 750 MCC, 4 Screw	1,052.49	
26 24 19 00-0433	EA	Incoming Line Cable Space Requirement, 750 MCC, 4 Crimp	3,412.69	
26 24 19 00-0434	EA	Incoming Line Cable Space Requirement, 1,000 MCC, 2 Screw	1,052.49	
26 24 19 00-0435	EA	Incoming Line Cable Space Requirement, 1,000 MCC, 2 Crimp	1,237.69	
26 24 19 00-0436	EA	Incoming Line Cable Space Requirement, 1,000 MCC, 4 Screw	3,412.69	
26 24 19 00-0437	EA	Incoming Line Cable Space Requirement, 1,000 MCC, 4 Crimp	3,412.69	
26 24 19 00-0438	EA	Bus Duct Transition Pull Box	1,113.94	
26 24 19 00-0439	EA	Throat And Transition To Substation	2,150.45	
26 24 19 00-0440	EA	Service Entrance Label	465.71	
26 24 19 00-0441	EA	Type W To 5 Star - 10" Transition	973.45	
26 24 19 00-0442	EA	600 Amperes, Sub Feed Lugs On Main Bus	577.72	
26 24 19 00-0443		**Standard Structures And Structure Options/Modifications** *(26 24 19 00-0268)*		
26 24 19 00-0444	EA	Standard Structure Add For Each Additional 4" Of Structure Width	307.52	
26 24 19 00-0445	EA	Standard Structure Add For 8" Vertical Wireway In Lieu Of 4"	307.52	
26 24 19 00-0446	EA	Standard Structure Single Corner Section "L", 16" Depth	951.33	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0447	EA	Standard Structure Single Corner Section "L", 21" Depth	1,073.01	
26 24 19 00-0448	EA	Standard Structure Unused Space/Future Space	91.81	
26 24 19 00-0449	EA	Standard Structure NEMA 12 Dustproof	247.79	
26 24 19 00-0450	EA	Standard Structure Bottom Plate For NEMA 1 Gasket Enclosure	51.99	
26 24 19 00-0451	EA	Standard Structure 150 Watt Space	223.45	
26 24 19 00-0452	EA	Standard Structure Thermostat For Space Heater Control	703.42	
26 24 19 00-0453	EA	Standard Structure Rear Hinged Structure Door, 72" High	223.45	
26 24 19 00-0454	EA	Standard Structure NEMA 2 Drip Shield On Top Of MCC	454.44	
26 24 19 00-0455	EA	Standard Structure NEMA 3R N-Walk In Front Mounted	6,483.09	
26 24 19 00-0456	EA	Standard Structure NEMA 3R N-Walk In Back-to-back	7,493.50	
26 24 19 00-0457	EA	Standard Structure NEMA 3R Walk-In Aisle Front Mounted	7,500.75	

26 24 19 00-0458 Installation Hours For Vertical Sections *(26 24 19 00-0268)*

26 24 19 00-0459	EA	Install Vertical Section, 230/480 Volt, 1 Section, 600 Amperes	635.30	317.66
26 24 19 00-0460	EA	Install Vertical Section, 230/480 Volt, 2 Section, 600 Amperes	952.95	476.50
26 24 19 00-0461	EA	Install Vertical Section, 230/480 Volt, 3 Section, 600 Amperes	1,058.88	529.44
26 24 19 00-0462	EA	Install Vertical Section, 230/480 Volt, 4 Section, 600 Amperes	1,270.77	635.33
26 24 19 00-0463	EA	Bolt To Floor, Vertical Section, 230/480 Volt, 600 Amperes	105.89	52.94
26 24 19 00-0464	EA	Install Vertical Section, 230/480 Volt, 1 Section, 800 Amperes	635.30	317.66
26 24 19 00-0465	EA	Install Vertical Section, 230/480 Volt, 2 Section, 800 Amperes	952.95	476.50
26 24 19 00-0466	EA	Install Vertical Section, 230/480 Volt, 3 Section, 800 Amperes	1,058.88	529.44
26 24 19 00-0467	EA	Install Vertical Section, 230/480 Volt, 4 Section, 800 Amperes	1,270.77	635.33
26 24 19 00-0468	EA	Bolt To Floor, Vertical Section, 230/480 Volt, 800 Amperes	105.89	52.94
26 24 19 00-0469	EA	Install Vertical Section, 230/480 Volt, 1 Section, 1,200 Amperes	741.23	370.60
26 24 19 00-0470	EA	Install Vertical Section, 230/480 Volt, 2 Section, 1,200 Amperes	952.95	476.50
26 24 19 00-0471	EA	Install Vertical Section, 230/480 Volt, 3 Section, 1,200 Amperes	1,270.77	635.33
26 24 19 00-0472	EA	Install Vertical Section, 230/480 Volt, 4 Section, 1,200 Amperes	1,482.24	741.11
26 24 19 00-0473	EA	Bolt To Floor, Vertical Section, 230/480 Volt, 1,200 Amperes	158.83	79.42
26 24 19 00-0474	EA	Install Vertical Section, 230/480 Volt, 1 Section, 1,600 Amperes	847.10	423.55
26 24 19 00-0475	EA	Install Vertical Section, 230/480 Volt, 2 Section, 1,600 Amperes	1,164.86	582.39
26 24 19 00-0476	EA	Install Vertical Section, 230/480 Volt, 3 Section, 1,600 Amperes	1,482.24	741.11
26 24 19 00-0477	EA	Install Vertical Section, 230/480 Volt, 4 Section, 1,600 Amperes	1,693.92	847.00
26 24 19 00-0478	EA	Bolt To Floor, Vertical Section, 230/480 Volt, 1,600 Amperes	211.77	105.89
26 24 19 00-0479	EA	Install Vertical Section, 230/480 Volt, 1 Section, 2,000 Amperes	847.10	423.55
26 24 19 00-0480	EA	Install Vertical Section, 230/480 Volt, 2 Section, 2,000 Amperes	1,270.77	635.33
26 24 19 00-0481	EA	Install Vertical Section, 230/480 Volt, 3 Section, 2,000 Amperes	1,588.15	794.06
26 24 19 00-0482	EA	Install Vertical Section, 230/480 Volt, 4 Section, 2,000 Amperes	1,800.21	900.15
26 24 19 00-0483	EA	Bolt To Floor, Vertical Section, 230/480 Volt, 2,000 Amperes	211.77	105.89

26 24 19 00-0484 Motor Control Centers *(26 24 19)*

26 24 19 00-0485 2.4 KV Motor Control Centers *(26 24 19 00-0484)*

26 24 19 00-0486	EA	2.4 KV CL 11-202, Squirrel Cage Motor Control, 100 To 300 Hp	12,573.88	211.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*127.07*	
26 24 19 00-0487	EA	2.4 KV CL 11-202, Squirrel Cage Motor Control, 400 Hp	12,573.88	211.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*127.07*	
26 24 19 00-0488	EA	2.4 KV CL 11-202, Squirrel Cage Motor Control, 600 Hp	12,573.88	211.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*127.07*	
26 24 19 00-0489	EA	2.4 KV CL 11-202, Squirrel Cage Motor Control, 700 Hp	12,626.86	238.25
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*142.96*	
26 24 19 00-0490	EA	2.4 KV CL 11-202, Squirrel Cage Motor Control, 1,000 Hp	13,415.47	264.72
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*158.83*	
26 24 19 00-0491	EA	2,400 KV CL 11-202, Squirrel Cage Motor Control, 1,250 Hp	13,468.40	291.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*174.71*	
26 24 19 00-0492	EA	2.4 KV CL 11-202, Squirrel Cage Motor Control, 1,500 Hp	13,521.33	317.66
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*190.59*	
26 24 19 00-0493	EA	2.4 KV CL 11-202, Squirrel Cage Motor Control, 1,750 Hp	13,627.26	370.60
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*222.37*	
26 24 19 00-0494	EA	2.4 KV CL 11-202, Squirrel Cage Motor Control, 2,000 Hp	13,733.13	423.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*254.13*	
26 24 19 00-0495	EA	2.4 KV CL 11-202, Squirrel Cage Motor Control, 2,250 Hp	23,009.32	476.50
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*285.89*	
26 24 19 00-0496	EA	2.4 KV CL 11-202, Squirrel Cage Motor Control, 2,500 Hp	24,705.57	529.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*317.66*	
26 24 19 00-0497	EA	2.4 KV CL 13-202, Wound Rotor Motor Control, 100 Hp	18,605.19	211.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*127.07*	
26 24 19 00-0498	EA	2.4 KV CL 13-202, Wound Rotor Motor Control, 150 Hp	19,386.06	227.65
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*136.60*	
26 24 19 00-0499	EA	2.4 KV CL 13-202, Wound Rotor Motor Control, 200 Hp	22,018.98	248.84
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*149.30*	
26 24 19 00-0500	EA	2.4 KV CL 13-202, Wound Rotor Motor Control, 300 Hp	24,503.11	264.72
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*158.83*	
26 24 19 00-0501	EA	2.4 KV CL 13-202, Wound Rotor Motor Control, 400 Hp	26,668.65	307.08
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*184.26*	
26 24 19 00-0502	EA	2.4 KV CL 13-202, Wound Rotor Motor Control, 600 Hp	29,215.35	328.25
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*196.95*	
26 24 19 00-0503	EA	2.4 KV CL 13-202, Wound Rotor Motor Control, 700 Hp	31,760.56	349.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*209.65*	
26 24 19 00-0504	EA	2.4 KV CL 13-202, Wound Rotor Motor Control, 1,000 Hp	34,783.33	381.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*228.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0505	EA	2.4 KV CL 13-202, Wound Rotor Motor Control, 1,250 Hp	40,466.82	423.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*254.13*	
26 24 19 00-0506	EA	2.4 KV CL 13-202, Wound Rotor Motor Control, 1,500 Hp	43,838.69	450.03
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*270.03*	
26 24 19 00-0507	EA	2.4 KV CL 13-202, Wound Rotor Motor Control, 1,750 Hp	66,871.29	529.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*317.66*	
26 24 19 00-0508	EA	2.4 KV CL 13-202, Wound Rotor Motor Control, 2,000 Hp	71,257.75	582.39
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*349.46*	
26 24 19 00-0509	EA	2.4 KV CL 13-202, Wound Rotor Motor Control, 2,250 Hp	75,079.36	635.33
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*381.23*	
26 24 19 00-0510	EA	2.4 KV CL 13-202, Wound Rotor Motor Control, 2,500 Hp	81,751.74	688.38
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*413.03*	
26 24 19 00-0511	EA	2.4 KV CL 14-202, Synchronous Motor Control, 100 To 300 Hp	17,560.34	211.77
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*127.07*	
26 24 19 00-0512	EA	2.4 KV CL 14-202, Synchronous Motor Control, 400 Hp	17,613.32	238.25
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*142.96*	
26 24 19 00-0513	EA	2.4 KV CL 14-202, Synchronous Motor Control, 600 Hp	17,666.23	264.72
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*158.83*	
26 24 19 00-0514	EA	2.4 KV CL 14-202, Synchronous Motor Control, 700 Hp	17,719.16	291.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*174.71*	
26 24 19 00-0515	EA	2.4 KV CL 14-202, Synchronous Motor Control, 1,000 Hp	17,775.06	317.66
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*190.59*	
26 24 19 00-0516	EA	2,400 Volt CL 14-202, Synchronous Motor Control, 1,250 HP	17,828.06	344.13
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*206.49*	
26 24 19 00-0517	EA	2.4 KV CL 14-202, Synchronous Motor Control, 1,500 Hp	17,880.99	370.60
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*222.37*	
26 24 19 00-0518	EA	2.4 KV CL 14-202, Synchronous Motor Control, 1,750 Hp	18,092.71	476.50
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*285.89*	
26 24 19 00-0519	EA	2.4 KV CL 14-202, Synchronous Motor Control, 2,000 Hp	30,687.84	529.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*317.66*	
26 24 19 00-0520	EA	2.4 KV CL 14-202, Synchronous Motor Control, 2,250 Hp	30,793.82	582.39
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*349.46*	
26 24 19 00-0521	EA	2.4 KV CL 14-202, Synchronous Motor Control, 2,500 Hp	32,481.13	635.33
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*381.23*	
26 24 19 00-0522	EA	Add For Reversing Starters, 100 To 700 HP	6,914.89	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*63.53*	
26 24 19 00-0523	EA	Add For Reversing Starters, 1,000 To 1,500 Hp	7,122.96	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*63.53*	
26 24 19 00-0524	EA	Add For Reversing Starters, 1,750 To 2,500 HP	10,875.82	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*63.53*	

26 24 19 00-0525 4.8 KV Motor Control Centers *(26 24 19 00-0484)*

26 24 19 00-0526	EA	4.8 KV CL 11-202, Squirrel Cage Motor Control, 100 To 600 HP	13,729.41	317.66
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*190.59*	
26 24 19 00-0527	EA	4.8 KV CL 11-202, Squirrel Cage Motor Control, 700 HP	13,782.41	344.13
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*206.49*	
26 24 19 00-0528	EA	4.8 KV CL 11-202, Squirrel Cage Motor Control, 1,000 HP	13,835.34	370.60
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*222.37*	
26 24 19 00-0529	EA	4.8 KV CL 11-202, Squirrel Cage Motor Control, 1,250 HP	13,888.31	397.08
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*238.26*	
26 24 19 00-0530	EA	4.8 KV CL 11-202, Squirrel Cage Motor Control, 1,500 HP	14,669.49	423.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*254.13*	
26 24 19 00-0531	EA	4.8 KV CL 11-202, Squirrel Cage Motor Control, 1,750 HP	14,722.50	450.03
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*270.03*	
26 24 19 00-0532	EA	4.8 KV CL 11-202, Squirrel Cage Motor Control, 2,000 HP	14,775.34	476.50
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*285.89*	
26 24 19 00-0533	EA	4.8 KV CL 11-202, Squirrel Cage Motor Control, 2,250 HP	14,828.38	502.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*301.80*	
26 24 19 00-0534	EA	4.8 KV CL 11-202, Squirrel Cage Motor Control, 2,500 HP	14,881.27	529.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*317.66*	
26 24 19 00-0535	EA	4.8 KV CL 11-202, Squirrel Cage Motor Control, 3,000 HP	25,105.21	688.38
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*413.03*	
26 24 19 00-0536	EA	4.8 KV CL 11-202, Squirrel Cage Motor Control, 3,500 HP	25,210.67	741.11
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*444.67*	
26 24 19 00-0537	EA	4.8 KV CL 11-202, Squirrel Cage Motor Control, 4,000 HP	26,899.47	794.06
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*476.45*	
26 24 19 00-0538	EA	4.8 KV CL 11-202, Squirrel Cage Motor Control, 4,500 HP	27,005.24	847.00
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*508.18*	
26 24 19 00-0539	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 100 HP	19,028.00	317.66
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*190.59*	
26 24 19 00-0540	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 150 HP	19,289.07	344.13
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*206.49*	
26 24 19 00-0541	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 200 HP	22,478.05	370.60
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*222.37*	
26 24 19 00-0542	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 300 HP	24,975.95	397.08
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*238.26*	
26 24 19 00-0543	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 400 HP	27,109.64	423.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*254.13*	
26 24 19 00-0544	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 600 HP	29,667.03	450.03
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*270.03*	
26 24 19 00-0545	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 700 HP	32,068.19	476.50
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*285.89*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0546	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 1,000 HP	35,234.98	502.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*301.80*	
26 24 19 00-0547	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 1,250 HP	40,787.10	529.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*317.66*	
26 24 19 00-0548	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 1,500 HP	44,564.69	555.92
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*333.56*	
26 24 19 00-0549	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 1,750 HP	48,395.21	608.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*365.33*	
26 24 19 00-0550	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 2,000 HP	51,553.06	635.33
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*381.23*	
26 24 19 00-0551	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 2,250 HP	54,532.37	661.80
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*397.08*	
26 24 19 00-0552	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 2,500 HP	58,695.11	688.38
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*413.03*	
26 24 19 00-0553	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 3,000 HP	92,914.26	847.00
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*508.18*	
26 24 19 00-0554	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 3,500 HP	103,305.60	900.15
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*540.06*	
26 24 19 00-0555	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 4,000 HP	124,107.71	952.99
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*571.77*	
26 24 19 00-0556	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 4,500 HP	131,249.28	952.99
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*571.77*	
26 24 19 00-0557	EA	4.8 KV CL 14-202, Synchronous Motor Control, 100 To 600 HP	18,818.83	370.60
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*222.37*	
26 24 19 00-0558	EA	4.8 KV CL 14-202, Synchronous Motor Control, 700 HP	18,871.80	397.08
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*238.26*	
26 24 19 00-0559	EA	4.8 KV CL 14-202, Synchronous Motor Control, 1,000 HP	18,924.70	423.55
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*254.13*	
26 24 19 00-0560	EA	4.8 KV CL 14-202, Synchronous Motor Control, 1,250 HP	18,977.71	450.03
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*270.03*	
26 24 19 00-0561	EA	4.8 KV CL 14-202, Synchronous Motor Control, 1,500 HP	20,597.09	476.50
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*285.89*	
26 24 19 00-0562	EA	4.8 KV CL 14-202, Synchronous Motor Control, 1,750 HP	20,650.13	502.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*301.80*	
26 24 19 00-0563	EA	4.8 KV CL 14-202, Synchronous Motor Control, 2,000 HP	20,703.02	529.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*317.66*	
26 24 19 00-0564	EA	4.8 KV CL 14-202, Synchronous Motor Control, 2,250 HP	20,755.99	555.92
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*333.56*	
26 24 19 00-0565	EA	4.8 KV CL 14-202, Synchronous Motor Control, 2,500 HP	20,809.00	582.39
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*349.46*	
26 24 19 00-0566	EA	4.8 KV CL 14-202, Synchronous Motor Control, 3,000 HP	21,126.38	741.11
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*444.67*	
26 24 19 00-0567	EA	4.8 KV CL 14-202, Synchronous Motor Control, 3,500 HP	33,929.57	794.06
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*476.45*	
26 24 19 00-0568	EA	4.8 KV CL 14-202, Synchronous Motor Control, 4,000 HP	35,610.79	847.00
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*508.18*	
26 24 19 00-0569	EA	4.8 KV CL 14-202, Synchronous Motor Control, 4,500 HP	35,610.79	847.00
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*508.18*	
26 24 19 00-0570	EA	Add For Reversing Starters, 100 To 1,250 HP	10,397.90	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*63.53*	
26 24 19 00-0571	EA	Add For Reversing Starters, 1,500 To 2,500 HP	10,714.10	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*63.53*	
26 24 19 00-0572	EA	Add For Reversing Starters, 3,000 To 4,500 HP	16,416.98	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*63.53*	

26 24 19 00-0573 2.4/4.8 KV Motor Control Centers, Accessories *(26 24 19 00-0484)*

26 24 19 00-0574	EA	2.4/4.8 KV Load Break Disconnect Switch 600 Amperes	13,523.23	211.77
26 24 19 00-0575	EA	2.4/4.8 KV Load Break Disconnect Switch 1,200 Amperes	16,244.24	317.66
26 24 19 00-0576	EA	2.4/4.8 KV NEMA 3 Weather Resistant	5,332.47	
26 24 19 00-0577	EA	2.4/4.8 KV Space Heaters	258.59	15.88
26 24 19 00-0578	EA	2.4/4.8 KV Potential Transformer Fused	1,544.86	
26 24 19 00-0579	EA	2.4/4.8 KV Current Transformer 600 Volt, 5 KVA	828.89	
26 24 19 00-0580	EA	2.4/4.8 KV Control Transformer 4 KVA Max	2,468.61	
26 24 19 00-0581	EA	2.4/4.8 KV Pushbuttons Each	158.10	
26 24 19 00-0582	EA	2.4/4.8 KV Selector Switch Each	523.99	
26 24 19 00-0583	EA	2.4/4.8 KV Indicating Light	158.10	
26 24 19 00-0584	EA	2.4/4.8 KV Push To Test Light	478.82	
26 24 19 00-0585	EA	2.4/4.8 KV AC Voltmeter, Switchboard Type	1,273.83	
26 24 19 00-0586	EA	2.4/4.8 KV AC Ammeter, Switchboard Type	1,273.83	
26 24 19 00-0587	EA	2.4/4.8 KV Power Factor Meter	3,810.20	
26 24 19 00-0588	EA	2.4/4.8 KV Watt Hr Meter, 2 Element Drawout	2,626.71	
26 24 19 00-0589	EA	2.4/4.8 KV Operation Counter	510.58	15.88
26 24 19 00-0590	EA	2.4/4.8 KV Phase Failure Protection	3,678.94	52.94
26 24 19 00-0591	EA	2.4/4.8 KV Ground Protection	7,036.42	26.47
26 24 19 00-0592	EA	2.4/4.8 KV Synchronous Motor DC Protection	2,080.22	26.47
26 24 19 00-0593	EA	2.4/4.8 KV Lightning Arresters	5,332.81	15.88
26 24 19 00-0594	EA	2.4/4.8 KV Portable Lifting Mechanism	7,727.07	
26 24 19 00-0595	EA	2.4/4.8 KV Auxiliary Timing Relay	713.29	52.94
26 24 19 00-0596	EA	2.4/4.8 KV Auxiliary Control Relay	507.56	52.94

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0597		**Incoming Section And Feeder Air Circuit Breakers** *(26 24 19 00-0484)*		
		Note: 3 Pole. Includes structure.		
26 24 19 00-0598	EA	Incoming Section MCC, Air Circuit Breaker, 70 - 100 Amperes, 14,000 Ampere IC, 3-Pole, With Structure Included	1,088.90	317.57
26 24 19 00-0599	EA	Incoming Section MCC, Air Circuit Breaker, 125 - 225 Amperes, 22,000 Ampere IC, 3-Pole, With Structure Included	1,893.59	562.13
26 24 19 00-0600	EA	Incoming Section MCC, Air Circuit Breaker, 125 - 400 Amperes, 30,000 Ampere IC, 3-Pole, With Structure Included	2,282.29	719.76
26 24 19 00-0601	EA	Incoming Section MCC, Air Circuit Breaker, 125 - 600 Amperes, 30,000 Ampere IC, 3-Pole, With Structure Included	3,650.72	1,159.04
26 24 19 00-0602	EA	Incoming Section MCC, Air Circuit Breaker, 125 - 1,200 Amperes, 30,000 Ampere IC, 3-Pole, With Structure Included	4,275.35	1,274.94
26 24 19 00-0603	EA	Incoming Section MCC, Air Circuit Breaker, 125 - 2,000 Amperes, 30,000 Ampere IC, 3-Pole, With Structure Included	5,435.15	1,414.02
26 24 19 00-0604	EA	Incoming Section MCC, Air Circuit Breaker, 125 - 400 Amperes, 45,000 Ampere IC, 3-Pole, With Structure Included	6,330.24	1,657.42
26 24 19 00-0605	EA	Incoming Section MCC, Air Circuit Breaker, 125 - 400 Amperes, 100,000 Ampere IC, 3-Pole, With Structure Included	10,585.14	1,930.95
26 24 19 00-0606		**Main Lugs Only** *(26 24 19 00-0484)*		
26 24 19 00-0607	EA	600 Amperes Incoming Section, Main Lugs	917.64	405.66
26 24 19 00-0608	EA	800 Amperes Incoming Section, Main Lugs	999.70	405.66
26 24 19 00-0609	EA	1,200 Amperes Incoming Section, Main Lugs	1,415.82	637.47
26 24 19 00-0610	EA	2,000 Amperes Incoming Section, Main Lugs	3,316.96	1,159.04
26 24 19 00-0611	EA	3,000 Amperes Incoming Section, Main Lugs	5,021.35	1,680.60
26 24 19 00-0612	EA	4,000 Amperes Incoming Section, Main Lugs	7,126.01	2,318.07
26 24 19 00-0613		**Incoming Main Circuit Breaker Structure** *(26 24 19 00-0484)*		
		Note: Includes structure, main breaker, 42 KA bus bracing, 600 A tin plated copper bus, NEMA 1 enclosure, 15" cabinet depth, and 1/4" x 2" tin plated copper horizontal ground bus.		
26 24 19 00-0614	EA	225 Amperes, Main Circuit Breaker Section	5,370.22	560.86
		For 800 Amperes, Tin Plated Copper Bus, Add	*182.00*	
		For 1,200 Amperes, Tin Plated Copper Bus, Add	*334.00*	
		For NEMA 1 With Gaskets, Add	*97.00*	
		For NEMA 12, Add	*245.00*	
		For 20" Cabinet Depth, Add	*108.00*	
26 24 19 00-0615	EA	400 Amperes, Main Circuit Breaker Section	11,210.83	720.46
		For 800 Amperes, Tin Plated Copper Bus, Add	*182.00*	
		For 1,200 Amperes, Tin Plated Copper Bus, Add	*334.00*	
		For NEMA 1 With Gaskets, Add	*97.00*	
		For NEMA 12, Add	*245.00*	
		For 20" Cabinet Depth, Add	*108.00*	
26 24 19 00-0616	EA	600 Amperes, Main Circuit Breaker Section	11,790.54	1,122.17
		For 800 Amperes, Tin Plated Copper Bus, Add	*182.00*	
		For 1,200 Amperes, Tin Plated Copper Bus, Add	*334.00*	
		For NEMA 1 With Gaskets, Add	*97.00*	
		For NEMA 12, Add	*245.00*	
		For 20" Cabinet Depth, Add	*108.00*	
26 24 19 00-0617	EA	800 Amperes, Main Circuit Breaker Section	16,562.88	1,122.17
		For 800 Amperes, Tin Plated Copper Bus, Add	*182.00*	
		For 1,200 Amperes, Tin Plated Copper Bus, Add	*334.00*	
		For NEMA 1 With Gaskets, Add	*97.00*	
		For NEMA 12, Add	*245.00*	
		For 20" Cabinet Depth, Add	*108.00*	
26 24 19 00-0618	EA	1,200 Amperes, Main Circuit Breaker Section	23,830.46	1,269.73
		For 800 Amperes, Tin Plated Copper Bus, Add	*182.00*	
		For 1,200 Amperes, Tin Plated Copper Bus, Add	*334.00*	
		For NEMA 1 With Gaskets, Add	*97.00*	
		For NEMA 12, Add	*245.00*	
		For 20" Cabinet Depth, Add	*108.00*	
26 24 19 00-0619		**Incoming Fusible Main Disconnect Section** *(26 24 19 00-0484)*		
		Note: Includes structure, fuses, 42 KA bus bracing, 600 A tin plated copper bus, NEMA 1 enclosure, 15" cabinet depth, and 1/4" x 2" tin plated copper horizontal ground bus.		
26 24 19 00-0620	EA	200 Amperes, Fusible Main Disconnect Section	4,692.96	561.55
		For 800 Amperes, Tin Plated Copper Bus, Add	*182.00*	
		For 1,200 Amperes, Tin Plated Copper Bus, Add	*334.00*	
		For NEMA 1 With Gaskets, Add	*97.00*	
		For NEMA 12, Add	*245.00*	
		For 20" Cabinet Depth, Add	*108.00*	
26 24 19 00-0621	EA	400 Amperes, Fusible Main Disconnect Section	6,457.77	720.81
		For 800 Amperes, Tin Plated Copper Bus, Add	*182.00*	
		For 1,200 Amperes, Tin Plated Copper Bus, Add	*334.00*	
		For NEMA 1 With Gaskets, Add	*97.00*	
		For NEMA 12, Add	*245.00*	
		For 20" Cabinet Depth, Add	*108.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0622	EA	600 Amperes, Fusible Main Disconnect Section	12,501.51	1,123.11
		For 800 Amperes, Tin Plated Copper Bus, Add	*182.00*	
		For 1,200 Amperes, Tin Plated Copper Bus, Add	*334.00*	
		For NEMA 1 With Gaskets, Add	*97.00*	
		For NEMA 12, Add	*245.00*	
		For 20" Cabinet Depth, Add	*108.00*	
26 24 19 00-0623	EA	800 Amperes, Fusible Main Disconnect Section	14,459.22	1,123.11
		For 800 Amperes, Tin Plated Copper Bus, Add	*182.00*	
		For 1,200 Amperes, Tin Plated Copper Bus, Add	*334.00*	
		For NEMA 1 With Gaskets, Add	*97.00*	
		For NEMA 12, Add	*245.00*	
		For 20" Cabinet Depth, Add	*108.00*	
26 24 19 00-0624	EA	1,200 Amperes, Fusible Main Disconnect Section	20,239.15	1,270.88
		For 800 Amperes, Tin Plated Copper Bus, Add	*182.00*	
		For 1,200 Amperes, Tin Plated Copper Bus, Add	*334.00*	
		For NEMA 1 With Gaskets, Add	*97.00*	
		For NEMA 12, Add	*245.00*	
		For 20" Cabinet Depth, Add	*108.00*	

26 24 19 00-0625 Circuit Breaker Combination Starters *(26 24 19 00-0484)*

26 24 19 00-0626 Class I, Type A *(26 24 19 00-0625)*

26 24 19 00-0627	EA	Size 1, Class I, Type A Circuit Breaker Combination Starter	890.83	235.28
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*134.15*	
26 24 19 00-0628	EA	Size 2, Class I, Type A Circuit Breaker Combination Starter	1,030.89	235.28
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*148.59*	
26 24 19 00-0629	EA	Size 3, Class I, Type A Circuit Breaker Combination Starter	1,485.04	333.80
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*199.83*	
26 24 19 00-0630	EA	Size 4, Class I, Type A Circuit Breaker Combination Starter	2,373.42	439.28
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*263.42*	
26 24 19 00-0631	EA	Size 5, Class I, Type A Circuit Breaker Combination Starter	4,148.89	549.38
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*329.27*	

26 24 19 00-0632 Class I, Type B *(26 24 19 00-0625)*

26 24 19 00-0633	EA	Size 1, Class I, Type B Circuit Breaker Combination Starter	835.11	205.15
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*115.90*	
26 24 19 00-0634	EA	Size 2, Class I, Type B Circuit Breaker Combination Starter	970.66	205.15
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*130.52*	
26 24 19 00-0635	EA	Size 3, Class I, Type B Circuit Breaker Combination Starter	1,413.30	296.72
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*178.31*	
26 24 19 00-0636	EA	Size 4, Class I, Type B Circuit Breaker Combination Starter	2,300.24	402.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*241.46*	
26 24 19 00-0637	EA	Size 5, Class I, Type B Circuit Breaker Combination Starter	4,089.88	513.46
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*311.57*	

26 24 19 00-0638 Class I, Type C *(26 24 19 00-0625)*

26 24 19 00-0639	EA	Size 1, Class I, Type C Circuit Breaker Combination Starter	867.45	190.08
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*104.99*	
26 24 19 00-0640	EA	Size 2, Class I, Type C Circuit Breaker Combination Starter	1,013.74	190.08
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*123.30*	
26 24 19 00-0641	EA	Size 3, Class I, Type C Circuit Breaker Combination Starter	1,496.81	283.97
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*170.45*	
26 24 19 00-0642	EA	Size 4, Class I, Type C Circuit Breaker Combination Starter	2,390.36	392.91
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*235.58*	
26 24 19 00-0643	EA	Size 5, Class I, Type C Circuit Breaker Combination Starter	4,170.45	504.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*301.83*	

26 24 19 00-0644 Class II, Type B *(26 24 19 00-0625)*

26 24 19 00-0645	EA	Size 1, Class II, Type B Circuit Breaker Combination Starter	911.35	281.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*159.21*	
26 24 19 00-0646	EA	Size 2, Class II, Type B Circuit Breaker Combination Starter	1,226.40	281.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*177.77*	
26 24 19 00-0647	EA	Size 3, Class II, Type B Circuit Breaker Combination Starter	1,716.70	375.53
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*224.62*	
26 24 19 00-0648	EA	Size 4, Class II, Type B Circuit Breaker Combination Starter	2,742.93	481.00
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*289.76*	
26 24 19 00-0649	EA	Size 5, Class II, Type B Circuit Breaker Combination Starter	4,815.56	587.63
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*353.36*	

26 24 19 00-0650 Class II, Type C *(26 24 19 00-0625)*

26 24 19 00-0651	EA	Size 1, Class II, Type C Circuit Breaker Combination Starter	1,101.25	266.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*152.51*	
26 24 19 00-0652	EA	Size 2, Class II, Type C Circuit Breaker Combination Starter	1,257.73	266.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*166.53*	
26 24 19 00-0653	EA	Size 3, Class II, Type C Circuit Breaker Combination Starter	1,805.56	363.94
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*217.86*	
26 24 19 00-0654	EA	Size 4, Class II, Type C Circuit Breaker Combination Starter	2,824.54	469.41
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*281.32*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0655	EA	Size 5, Class II, Type C Circuit Breaker Combination Starter	4,912.74	579.52
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*349.11*	

26 24 19 00-0656 Fused Disconnect Combination Starter *(26 24 19 00-0484)*

26 24 19 00-0657 Class I, Type A *(26 24 19 00-0656)*

26 24 19 00-0658	EA	Size 1, Class I, Type A Fused Disconnect Combination Starter	819.60	216.74
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*130.52*	
26 24 19 00-0659	EA	Size 2, Class I, Type A Fused Disconnect Combination Starter	1,219.85	296.72
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*177.77*	
26 24 19 00-0660	EA	Size 3, Class I, Type A Fused Disconnect Combination Starter	1,896.26	385.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*231.81*	
26 24 19 00-0661	EA	Size 4, Class I, Type A Fused Disconnect Combination Starter	2,601.14	541.27
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*325.57*	
26 24 19 00-0662	EA	Size 5, Class I, Type A Fused Disconnect Combination Starter	4,425.68	689.62
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*413.94*	

26 24 19 00-0663 Class I, Type B *(26 24 19 00-0656)*

26 24 19 00-0664	EA	Size 1, Class I, Type B Fused Disconnect Combination Starter	820.37	193.56
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*115.90*	
26 24 19 00-0665	EA	Size 2, Class I, Type B Fused Disconnect Combination Starter	1,107.48	265.42
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*159.21*	
26 24 19 00-0666	EA	Size 3, Class I, Type B Fused Disconnect Combination Starter	1,619.73	354.66
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*213.06*	
26 24 19 00-0667	EA	Size 4, Class I, Type B Fused Disconnect Combination Starter	2,669.12	512.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*308.26*	
26 24 19 00-0668	EA	Size 5, Class I, Type B Fused Disconnect Combination Starter	4,477.50	651.38
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*391.57*	

26 24 19 00-0669 Class I, Type C *(26 24 19 00-0656)*

26 24 19 00-0670	EA	Size 1, Class I, Type C Fused Disconnect Combination Starter	856.38	180.81
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*108.53*	
26 24 19 00-0671	EA	Size 2, Class I, Type C Fused Disconnect Combination Starter	1,153.42	245.72
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*148.59*	
26 24 19 00-0672	EA	Size 3, Class I, Type C Fused Disconnect Combination Starter	1,739.93	341.91
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*206.97*	
26 24 19 00-0673	EA	Size 4, Class I, Type C Fused Disconnect Combination Starter	2,788.22	504.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*301.83*	
26 24 19 00-0674	EA	Size 5, Class I, Type C Fused Disconnect Combination Starter	4,249.06	644.42
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*386.35*	

26 24 19 00-0675 Class II, Type B *(26 24 19 00-0656)*

26 24 19 00-0676	EA	Size 1, Class II, Type B Fused Disconnect Combination Starter	1,048.72	271.22
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*162.79*	
26 24 19 00-0677	EA	Size 2, Class II, Type B Fused Disconnect Combination Starter	1,348.35	338.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*202.63*	
26 24 19 00-0678	EA	Size 3, Class II, Type B Fused Disconnect Combination Starter	1,927.58	435.80
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*261.05*	
26 24 19 00-0679	EA	Size 4, Class II, Type B Fused Disconnect Combination Starter	3,078.29	587.63
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*353.36*	
26 24 19 00-0680	EA	Size 5, Class II, Type B Fused Disconnect Combination Starter	5,138.55	733.67
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*439.03*	

26 24 19 00-0681 Class II, Type C *(26 24 19 00-0656)*

26 24 19 00-0682	EA	Size 1, Class II, Type C Fused Disconnect Combination Starter	1,075.05	254.99
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*152.51*	
26 24 19 00-0683	EA	Size 2, Class II, Type C Fused Disconnect Combination Starter	1,393.90	319.89
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*191.90*	
26 24 19 00-0684	EA	Size 3, Class II, Type C Fused Disconnect Combination Starter	2,023.18	416.09
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*249.79*	
26 24 19 00-0685	EA	Size 4, Class II, Type C Fused Disconnect Combination Starter	3,183.36	573.73
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*344.95*	
26 24 19 00-0686	EA	Size 5, Class II, Type C Fused Disconnect Combination Starter	5,236.01	710.49
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*426.11*	

26 24 19 00-0687 Space Complete With Bus And Hardware *(26 24 19 00-0484)*

26 24 19 00-0688 Circuit Breaker Type *(26 24 19 00-0687)*

26 24 19 00-0689	EA	Circuit Breaker Type, Size 1 Space Complete With Bus And Hardware	258.60	78.81
26 24 19 00-0690	EA	Circuit Breaker Type, Size 2 Space Complete With Bus And Hardware	258.60	78.81
26 24 19 00-0691	EA	Circuit Breaker Type, Size 3 Space Complete With Bus And Hardware	383.38	114.75
26 24 19 00-0692	EA	Circuit Breaker Type, Size 4 Space Complete With Bus And Hardware	461.85	150.68
26 24 19 00-0693	EA	Circuit Breaker Type, Size 5 Space Complete With Bus And Hardware	764.04	229.49

26 24 19 00-0694 Fused Disconnect Type *(26 24 19 00-0687)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0695	EA	Fused Disconnect Type, Size 1 Space Complete With Bus And Hardware	258.60	78.81
26 24 19 00-0696	EA	Fused Disconnect Type, Size 2 Space Complete With Bus And Hardware	347.74	114.75
26 24 19 00-0697	EA	Fused Disconnect Type, Size 3 Space Complete With Bus And Hardware	479.29	150.68
26 24 19 00-0698	EA	Fused Disconnect Type, Size 4 Space Complete With Bus And Hardware	812.70	229.49
26 24 19 00-0699	EA	Fused Disconnect Type, Size 5 Space Complete With Bus And Hardware	1,139.36	333.80
26 24 19 00-0700		**Blank Space For Future Expansion** *(26 24 19 00-0687)* Note: Factory modified no labor costs.		
26 24 19 00-0701	EA	Blank Space For Future Expansion, Size 1 Factory Modified, No Crew Costs	101.55	
26 24 19 00-0702	EA	Blank Space For Future Expansion, Size 2 Factory Modified, No Crew Costs	101.55	
26 24 19 00-0703	EA	Blank Space For Future Expansion, Size 3 Factory Modified, No Crew Costs	153.96	
26 24 19 00-0704	EA	Blank Space For Future Expansion, Size 4 Factory Modified, No Crew Costs	153.96	
26 24 19 00-0705	EA	Blank Space For Future Expansion, Size 5 Factory Modified, No Crew Costs	306.28	
26 24 19 00-0706		**Structure Combination Of Starters To 72" High** *(26 24 19 00-0687)*		
26 24 19 00-0707	EA	Structure Combination Of Starters To 72" High	2,870.82	610.00
26 24 19 00-0708		**Motor Control Center Basic Distribution Section** *(26 24 19 00-0484)*		
26 24 19 00-0709	EA	20" Wide Basic Section With Vertical Wireway	5,070.95	1,588.57
		For 20" Cabinet Depth, Add	*108.00*	
		For 800 Amperes, Tin Plated Copper Bus, Add	*182.00*	
		For 1,200 Amperes, Tin Plated Copper Bus, Add	*334.00*	
		For 1,600 Amperes, Tin Plated Copper Bus, Add	*402.00*	
		For 2,000 Amperes, Tin Plated Copper Bus, Add	*506.00*	
		For NEMA 1 With Gasket, Add	*97.00*	
		For NEMA 12, Add	*245.00*	
		For 600 Amperes, Tin Plated Copper Vertical, Add	*210.00*	
26 24 19 00-0710	EA	25" To 35" Wide Basic Section (No Vertical Wireway)	5,070.95	1,588.57
		For 20" Cabinet Depth, Add	*108.00*	
		For 800 Amperes, Tin Plated Copper Bus, Add	*182.00*	
		For 1,200 Amperes, Tin Plated Copper Bus, Add	*334.00*	
		For 1,600 Amperes, Tin Plated Copper Bus, Add	*402.00*	
		For 2,000 Amperes, Tin Plated Copper Bus, Add	*506.00*	
		For NEMA 1 With Gasket, Add	*97.00*	
		For NEMA 12, Add	*245.00*	
		For 600 Amperes, Tin Plated Copper Vertical, Add	*210.00*	
26 24 19 00-0711	EA	25" Wide Basic Section With 9" Wide Vertical Wireway	5,517.19	1,588.57
		For 20" Cabinet Depth, Add	*108.00*	
		For 800 Amperes, Tin Plated Copper Bus, Add	*182.00*	
		For 1,200 Amperes, Tin Plated Copper Bus, Add	*334.00*	
		For 1,600 Amperes, Tin Plated Copper Bus, Add	*402.00*	
		For 2,000 Amperes, Tin Plated Copper Bus, Add	*506.00*	
		For NEMA 1 With Gasket, Add	*97.00*	
		For NEMA 12, Add	*245.00*	
		For 600 Amperes, Tin Plated Copper Vertical, Add	*210.00*	
26 24 19 00-0712	EA	Corner Section	5,517.19	1,588.57
		For 20" Cabinet Depth, Add	*108.00*	
		For 800 Amperes, Tin Plated Copper Bus, Add	*182.00*	
		For 1,200 Amperes, Tin Plated Copper Bus, Add	*334.00*	
		For 1,600 Amperes, Tin Plated Copper Bus, Add	*402.00*	
		For 2,000 Amperes, Tin Plated Copper Bus, Add	*506.00*	
		For NEMA 1 With Gasket, Add	*97.00*	
		For NEMA 12, Add	*245.00*	
		For 600 Amperes, Tin Plated Copper Vertical, Add	*210.00*	
26 24 19 00-0713		**Motor Control Center Starters With HMCP Circuit Breaker** *(26 24 19 00-0484)* Note: Includes door, unit support pan, heater elements, and NEMA 1 with gasket, or NEMA 12 enclosure. Line voltages of 208 V, 240 V, 480 V, and 600 V.		
26 24 19 00-0714		**FVNR Starters With HMCP Circuit Breaker** *(26 24 19 00-0713)*		
26 24 19 00-0715	EA	Class 1, Type A, Size 1 FVNR Starters With HMCP Circuit Breaker	1,222.65	223.12
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*133.86*	
26 24 19 00-0716	EA	Class 1, Type A, Size 2 FVNR Starters With HMCP Circuit Breaker	1,360.45	247.45
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*148.47*	
26 24 19 00-0717	EA	Class 1, Type A, Size 3 FVNR Starters With HMCP Circuit Breaker	2,311.17	332.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*199.61*	
26 24 19 00-0718	EA	Class 1, Type A, Size 4 FVNR Starters With HMCP Circuit Breaker	3,330.63	438.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*263.18*	
26 24 19 00-0719	EA	Class 1, Type A, Size 5 FVNR Starters With HMCP Circuit Breaker	7,370.21	548.11
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*328.90*	
26 24 19 00-0720	EA	Class 1, Type A, Size 6 FVNR Starters With HMCP Circuit Breaker	16,876.67	548.11
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*328.90*	
26 24 19 00-0721	EA	Class 1, Type B, Size 1 FVNR Starters With HMCP Circuit Breaker	1,218.51	192.98
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*115.78*	
26 24 19 00-0722	EA	Class 1, Type B, Size 2 FVNR Starters With HMCP Circuit Breaker	1,374.10	217.32
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*130.38*	
26 24 19 00-0723	EA	Class 1, Type B, Size 3 FVNR Starters With HMCP Circuit Breaker	2,341.58	296.72
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*178.02*	
26 24 19 00-0724	EA	Class 1, Type B, Size 4 FVNR Starters With HMCP Circuit Breaker	3,314.68	402.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*241.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0725	EA	Class 1, Type B, Size 5 FVNR Starters With HMCP Circuit Breaker	7,369.32	519.25
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*311.57*	
26 24 19 00-0726	EA	Class 1, Type B, Size 6 FVNR Starters With HMCP Circuit Breaker	16,978.07	519.25
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*311.57*	

26 24 19 00-0727 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker *(26 24 19 00-0713)*

26 24 19 00-0728	EA	Class 1, Type A, Size 1 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker	1,919.77	279.22
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*167.49*	
26 24 19 00-0729	EA	Class 1, Type A, Size 2 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker	2,338.70	308.88
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*185.35*	
26 24 19 00-0730	EA	Class 1, Type A, Size 3 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker	3,807.97	415.17
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*249.08*	
26 24 19 00-0731	EA	Class 1, Type A, Size 4 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker	6,469.51	548.80
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*329.27*	
26 24 19 00-0732	EA	Class 1, Type A, Size 5 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker	11,533.65	686.62
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*411.98*	
26 24 19 00-0733	EA	Class 1, Type B, Size 1 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker	1,928.89	241.08
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*144.64*	
26 24 19 00-0734	EA	Class 1, Type B, Size 2 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker	2,366.89	271.80
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*163.09*	
26 24 19 00-0735	EA	Class 1, Type B, Size 3 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker	3,851.48	371.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*222.89*	
26 24 19 00-0736	EA	Class 1, Type B, Size 4 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker	6,463.35	503.02
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*301.83*	
26 24 19 00-0737	EA	Class 1, Type B, Size 5 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker	11,545.05	649.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*389.81*	

26 24 19 00-0738 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker *(26 24 19 00-0713)*

26 24 19 00-0739	EA	Class 1, Type A, Size 1 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker	2,090.38	279.22
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*167.49*	
26 24 19 00-0740	EA	Class 1, Type A, Size 2 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker	2,931.29	308.88
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*185.35*	
26 24 19 00-0741	EA	Class 1, Type A, Size 3 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker	5,449.24	415.17
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*249.08*	
26 24 19 00-0742	EA	Class 1, Type A, Size 4 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker	7,412.41	548.80
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*329.27*	
26 24 19 00-0743	EA	Class 1, Type A, Size 5 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker	14,655.81	686.62
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*411.98*	
26 24 19 00-0744	EA	Class 1, Type B, Size 1 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker	2,099.50	241.08
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*144.64*	
26 24 19 00-0745	EA	Class 1, Type B, Size 2 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker	2,959.48	271.80
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*163.09*	
26 24 19 00-0746	EA	Class 1, Type B, Size 3 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker	5,492.75	371.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*222.89*	
26 24 19 00-0747	EA	Class 1, Type B, Size 4 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker	7,406.26	503.02
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*301.83*	
26 24 19 00-0748	EA	Class 1, Type B, Size 5 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker	14,667.21	649.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*389.81*	

26 24 19 00-0749 Motor Control Center Starters With Fusible Disconnect *(26 24 19 00-0484)*

Note: Includes fuses, door, unit support pan, heater elements, and NEMA 1 with gasket, or NEMA 12 enclosure.
Line voltages of 208 V, 240 V, 480 V, and 600 V.

26 24 19 00-0750 FVNR Starters With Fusible Disconnect *(26 24 19 00-0749)*

26 24 19 00-0751	EA	Class 1, Type A, Size 1 FVNR Starters With Fusible Disconnect	1,004.92	217.55
26 24 19 00-0752	EA	Class 1, Type A, Size 2 FVNR Starters With Fusible Disconnect	1,315.87	295.67
26 24 19 00-0753	EA	Class 1, Type A, Size 3 FVNR Starters With Fusible Disconnect	2,141.20	385.26
26 24 19 00-0754	EA	Class 1, Type A, Size 4 FVNR Starters With Fusible Disconnect	3,557.95	542.66
26 24 19 00-0755	EA	Class 1, Type A, Size 5 FVNR Starters With Fusible Disconnect	6,951.92	689.85
26 24 19 00-0756	EA	Class 1, Type A, Size 6 FVNR Starters With Fusible Disconnect	17,102.07	689.85
26 24 19 00-0757	EA	Class 1, Type B, Size 1 FVNR Starters With Fusible Disconnect	1,011.02	192.87
26 24 19 00-0758	EA	Class 1, Type B, Size 2 FVNR Starters With Fusible Disconnect	1,328.17	264.84
26 24 19 00-0759	EA	Class 1, Type B, Size 3 FVNR Starters With Fusible Disconnect	2,183.12	355.13
26 24 19 00-0760	EA	Class 1, Type B, Size 4 FVNR Starters With Fusible Disconnect	3,557.10	513.80
26 24 19 00-0761	EA	Class 1, Type B, Size 5 FVNR Starters With Fusible Disconnect	6,934.21	652.65
26 24 19 00-0762	EA	Class 1, Type B, Size 6 FVNR Starters With Fusible Disconnect	17,186.72	652.65

26 24 19 00-0763 Two Speed 2-Winding (TS2W) With Fusible Disconnect *(26 24 19 00-0749)*

26 24 19 00-0764	EA	Class 1, Type A, Size 1 Two Speed 2-Winding (TS2W) With Fusible Disconnect	1,680.92	272.37
26 24 19 00-0765	EA	Class 1, Type A, Size 2 Two Speed 2-Winding (TS2W) With Fusible Disconnect	2,337.23	369.61
26 24 19 00-0766	EA	Class 1, Type A, Size 3 Two Speed 2-Winding (TS2W) With Fusible Disconnect	3,574.13	481.34
26 24 19 00-0767	EA	Class 1, Type A, Size 4 Two Speed 2-Winding (TS2W) With Fusible Disconnect	7,330.58	680.24
26 24 19 00-0768	EA	Class 1, Type A, Size 5 Two Speed 2-Winding (TS2W) With Fusible Disconnect	11,774.08	796.03
26 24 19 00-0769	EA	Class 1, Type B, Size 1 Two Speed 2-Winding (TS2W) With Fusible Disconnect	1,702.93	241.08
26 24 19 00-0770	EA	Class 1, Type B, Size 2 Two Speed 2-Winding (TS2W) With Fusible Disconnect	2,361.96	330.78
26 24 19 00-0771	EA	Class 1, Type B, Size 3 Two Speed 2-Winding (TS2W) With Fusible Disconnect	3,631.10	444.38
26 24 19 00-0772	EA	Class 1, Type B, Size 4 Two Speed 2-Winding (TS2W) With Fusible Disconnect	7,337.62	641.06
26 24 19 00-0773	EA	Class 1, Type B, Size 5 Two Speed 2-Winding (TS2W) With Fusible Disconnect	11,768.64	750.71

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0774		**Two Speed 1-Winding (TS1W) With Fusible Disconnect** *(26 24 19 00-0749)*		
26 24 19 00-0775	EA	Class 1, Type A, Size 1 Two Speed 1-Winding (TS1W) With Fusible Disconnect	1,937.97	272.37
26 24 19 00-0776	EA	Class 1, Type A, Size 2 Two Speed 1-Winding (TS1W) With Fusible Disconnect	2,938.91	369.61
26 24 19 00-0777	EA	Class 1, Type A, Size 3 Two Speed 1-Winding (TS1W) With Fusible Disconnect	5,232.46	481.34
26 24 19 00-0778	EA	Class 1, Type A, Size 4 Two Speed 1-Winding (TS1W) With Fusible Disconnect	7,676.35	680.24
26 24 19 00-0779	EA	Class 1, Type A, Size 5 Two Speed 1-Winding (TS1W) With Fusible Disconnect	14,261.57	796.03
26 24 19 00-0780	EA	Class 1, Type B, Size 1 Two Speed 1-Winding (TS1W) With Fusible Disconnect	1,960.74	241.08
26 24 19 00-0781	EA	Class 1, Type B, Size 2 Two Speed 1-Winding (TS1W) With Fusible Disconnect	2,963.65	330.78
26 24 19 00-0782	EA	Class 1, Type B, Size 3 Two Speed 1-Winding (TS1W) With Fusible Disconnect	5,289.43	444.38
26 24 19 00-0783	EA	Class 1, Type B, Size 4 Two Speed 1-Winding (TS1W) With Fusible Disconnect	7,683.39	641.06
26 24 19 00-0784	EA	Class 1, Type B, Size 5 Two Speed 1-Winding (TS1W) With Fusible Disconnect	14,256.13	750.71
26 24 19 00-0785		**Tin Plated Copper Bus Bar And Ground Bus Bar Splice Kit** *(26 24 19 00-0484)*		
		Note: Per section. Labor is included in basic distribution section.		
26 24 19 00-0786	EA	600 Amperes, Horizontal Tin Plated Copper Bus Kit	201.91	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.71*	
26 24 19 00-0787	EA	800 Amperes, Horizontal Tin Plated Copper Bus Kit	245.89	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.71*	
26 24 19 00-0788	EA	1,200 Amperes, Horizontal Tin Plated Copper Bus Kit	295.67	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.45*	
26 24 19 00-0789	EA	1,600 Amperes, Horizontal Tin Plated Copper Bus Kit	382.12	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.45*	
26 24 19 00-0790	EA	2,000 Amperes, Horizontal Tin Plated Copper Bus Kit	636.63	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.19*	
26 24 19 00-0791	EA	1/4" x 2" Horizontal Tin Plated Copper Ground Bus Kit	117.24	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.97*	
26 24 19 00-0792		**Disconnect Switch For Motor Control Centers** *(26 24 19 00-0484)*		
26 24 19 00-0793		**3 Pole Circuit Breaker Disconnect For Motor Control Center** *(26 24 19 00-0792)*		
		Note: Includes door, unit support pan, inverse time (Thermal Magnetic) circuit breaker, and NEMA 1, NEMA 1 with gasket, or NEMA 12 enclosure. Class 1 type A (no starters).		
26 24 19 00-0794	EA	150 Amperes Rating, 15 To 100 Amperes Trip Range, 3 Pole Circuit Breaker Disconnect	848.30	167.48
26 24 19 00-0795	EA	150 Amperes Rating, 125 To 150 Amperes Trip Range, 3 Pole Circuit Breaker Disconnect	1,453.40	185.45
26 24 19 00-0796	EA	225 Amperes Rating, 70 To 225 Amperes Trip Range, 3 Pole Circuit Breaker Disconnect	1,779.91	249.77
26 24 19 00-0797	EA	400 Amperes Rating, 125 To 400 Amperes Trip Range, 3 Pole Circuit Breaker Disconnect	2,928.77	329.17
26 24 19 00-0798	EA	600 Amperes Rating, 300 To 600 Amperes Trip Range, 3 Pole Circuit Breaker Disconnect	5,014.58	411.46
26 24 19 00-0799	EA	800 Amperes Rating, 400 To 800 Amperes Trip Range, 3 Pole Circuit Breaker Disconnect	5,703.64	411.46
26 24 19 00-0800	EA	1,200 Amperes Rating, 600 To 1,200 Amperes Trip Range, 3 Pole Circuit Breaker Disconnect	11,654.29	515.19
26 24 19 00-0801		**Fusible Disconnect Switch For Motor Control Center** *(26 24 19 00-0792)*		
		Note: Includes door, unit support pan, fuses and NEMA 1, NEMA 1 with gasket, or NEMA 12 enclosure. Class 1 type A (no starters).		
26 24 19 00-0802	EA	30 Amperes Switch Rating, Fusible Disconnect Switch With 30 Amperes Fuse Clips	701.02	162.85
26 24 19 00-0803	EA	60 Amperes Switch Rating, Fusible Disconnect Switch With 60 Amperes Fuse Clips	842.03	221.95
26 24 19 00-0804	EA	100 Amperes Switch Rating, Fusible Disconnect Switch With 100 Amperes Fuse Clips	1,143.45	283.97
26 24 19 00-0805	EA	200 Amperes Switch Rating, Fusible Disconnect Switch With 200 Amperes Fuse Clips	2,068.25	406.82
26 24 19 00-0806	EA	400 Amperes Switch Rating, Fusible Disconnect Switch With 400 Amperes Fuse Clips	3,567.84	517.40
26 24 19 00-0807	EA	600 Amperes Switch Rating, Fusible Disconnect Switch With 600 Amperes Fuse Clips	7,844.46	517.40
26 24 19 00-0808	EA	800 Amperes Switch Rating, Fusible Disconnect Switch With 800 Amperes Fuse Clips	9,701.22	646.75
26 24 19 00-0809	EA	1,200 Amperes Switch Rating, Fusible Disconnect Switch With 1,200 Amperes Fuse Clips	14,178.03	646.75
26 24 19 00-0810		**Control Circuit Transformer** *(26 24 19 00-0484)*		
26 24 19 00-0811	EA	Control Circuit Transformer, Size 1 Factory Installed	54.17	
26 24 19 00-0812	EA	Control Circuit Transformer, Size 2 Factory Installed	54.17	
26 24 19 00-0813	EA	Control Circuit Transformer, Size 3 Factory Installed	104.34	
26 24 19 00-0814	EA	Control Circuit Transformer, Size 4 Factory Installed	104.34	
26 24 19 00-0815	EA	Control Circuit Transformer, Size 5 Factory Installed	144.95	
26 24 19 00-0816	EA	Control Circuit Fuse And Holder Small Dim, Dual Element Time Delay	47.61	13.12
26 24 19 00-0817		**Cover Mounted Control Devices** *(26 24 19 00-0484)*		
26 24 19 00-0818	EA	Control Device, 2 Unit Push Button Station Cover Mounted	102.46	23.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.49*	
26 24 19 00-0819	EA	Control Device, 2-3 Unit Selector Switch Cover Mounted	116.55	23.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.11*	
26 24 19 00-0820	EA	Control Device, Pilot Light Cover Mounted	94.36	23.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.85*	
26 24 19 00-0821	EA	Control Device, Hand-Off-Auto Switch Cover Mounted With Pilot Light	270.70	78.81
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*47.50*	
26 24 19 00-0822	EA	Auxiliary Contact Add Per Starter	293.26	30.02
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*18.02*	
26 24 19 00-0823		**Extra Interlocks** *(26 24 19 00-0484)*		
		Note: Per contact.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0824	EA	Extra Interlocks, Class I, Type A Per Contact	67.88	15.06
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.85*	
26 24 19 00-0825	EA	Extra Interlocks, Class I, Type B Per Contact	90.53	15.06
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.85*	
26 24 19 00-0826	EA	Extra Interlocks, Class I, Type C Per Contact	98.12	15.06
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.05*	
26 24 19 00-0827	EA	Extra Interlocks, Class II, Type B Per Contact	87.56	15.06
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.25*	
26 24 19 00-0828	EA	Extra Interlocks, Class II, Type C Per Contact	90.69	15.06
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.47*	
26 24 19 00-0829		**Special Cabinet Provisions** *(26 24 19 00-0484)*		
26 24 19 00-0830	EA	Provisions For Bus Duct Entrance Special Cabinet Provisions	678.19	
26 24 19 00-0831		**Nameplate Requirements** *(26 24 19 00-0484)*		
26 24 19 00-0832	EA	Special Cabinet Nameplate Requirements	24.08	
26 24 19 00-0833		**Auxiliary Relays** *(26 24 19 00-0484)*		
26 24 19 00-0834	EA	Industrial Control Relay, 10 Amperes, Class A600 With 2 Contacts	147.23	29.03
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.42*	
26 24 19 00-0835	EA	Timing Relay, Solid State, DPDT 0.1-10 Sec Variable, Off-Delay	139.98	26.12
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.42*	
26 24 19 00-0836	EA	General Purpose Control Relay, 240 Volt AC, 10 Amperes, With Base	85.92	26.12
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.42*	
26 24 19 00-0837		**Motor Control Center Accessories** *(26 24 19 00-0484)*		
26 24 19 00-0838		**Lighting Transformer With Circuit Breaker** *(26 24 19 00-0837)* Note: For 240 V, 480 V, or 600 V primary. Includes door, unit support pan, and NEMA 1, NEMA 1 with gasket, or NEMA 12 enclosure for MCC only.		
26 24 19 00-0839	EA	1 Phase, 5 KVA, 120/240 Volt Secondary Lighting Transformer With Circuit Breaker	4,116.25	371.43
26 24 19 00-0840	EA	1 Phase, 7.5 KVA, 120/240 Volt Secondary Lighting Transformer With Circuit Breaker	4,279.72	386.29
26 24 19 00-0841	EA	1 Phase, 10 KVA, 120/240 Volt Secondary Lighting Transformer With Circuit Breaker	4,679.15	416.00
26 24 19 00-0842	EA	1 Phase, 15 KVA, 120/240 Volt Secondary Lighting Transformer With Circuit Breaker	5,842.59	445.72
26 24 19 00-0843	EA	1 Phase, 25 KVA, 120/240 Volt Secondary Lighting Transformer With Circuit Breaker	7,792.39	475.43
26 24 19 00-0844	EA	1 Phase, 37.5 KVA, 120/240 Volt Secondary Lighting Transformer With Circuit Breaker	9,547.08	534.86
26 24 19 00-0845	EA	1 Phase, 50 KVA, 120/240 Volt Secondary Lighting Transformer With Circuit Breaker	12,488.94	594.29
26 24 19 00-0846	EA	3 Phase, 10 KVA, 120/208 Volt Secondary Lighting Transformer With Circuit Breaker	7,367.86	490.29
26 24 19 00-0847	EA	3 Phase, 15 KVA, 120/208 Volt Secondary Lighting Transformer With Circuit Breaker	8,005.92	534.86
26 24 19 00-0848	EA	3 Phase, 25 KVA, 120/208 Volt Secondary Lighting Transformer With Circuit Breaker	9,147.60	594.29
26 24 19 00-0849	EA	3 Phase, 30 KVA, 120/208 Volt Secondary Lighting Transformer With Circuit Breaker	9,716.52	653.71
26 24 19 00-0850	EA	3 Phase, 37.5 KVA, 120/208 Volt Secondary Lighting Transformer With Circuit Breaker	11,684.40	713.15
26 24 19 00-0851	EA	3 Phase, 45 KVA, 120/208 Volt Secondary Lighting Transformer With Circuit Breaker	12,074.97	772.57
26 24 19 00-0852		**Bolt-On Lighting Panel** *(26 24 19 00-0837)* Note: Includes door, T-handle, unit support pan, neutral bar (10 KA IC RMS), and NEMA 1, NEMA 1 with gasket, or NEMA 12 enclosure. For MCC only.		
26 24 19 00-0853	EA	18 Circuit Bolt-On Lighting Panel, MLO, 1 Phase, 3 Wire, 120/240 Volt	1,942.03	603.16
26 24 19 00-0854	EA	30 Circuit Bolt-On Lighting Panel, MLO, 1 Phase, 3 Wire, 120/240 Volt	3,077.86	1,049.86
26 24 19 00-0855	EA	42 Circuit Bolt-On Lighting Panel, MLO, 1 Phase, 3 Wire, 120/240 Volt	4,101.79	1,420.39
26 24 19 00-0856	EA	18 Circuit Bolt-On Lighting Panel, MLO, 3 Phase, 4 Wire, 120/208 Volt	2,040.93	652.65
26 24 19 00-0857	EA	30 Circuit Bolt-On Lighting Panel, MLO, 3 Phase, 4 Wire, 120/208 Volt	3,033.19	1,027.49
26 24 19 00-0858	EA	42 Circuit Bolt-On Lighting Panel, MLO, 3 Phase, 4 Wire, 120/208 Volt	4,279.33	1,509.18
26 24 19 00-0859	EA	18 Circuit Bolt-On Lighting Panel, MCB, 1 Phase, 3 Wire, 120/240 Volt	3,132.49	699.60
26 24 19 00-0860	EA	30 Circuit Bolt-On Lighting Panel, MCB, 1 Phase, 3 Wire, 120/240 Volt	4,258.24	1,123.11
26 24 19 00-0861	EA	42 Circuit Bolt-On Lighting Panel, MCB, 1 Phase, 3 Wire, 120/240 Volt	5,368.96	1,509.18
26 24 19 00-0862	EA	18 Circuit Bolt-On Lighting Panel, MCB, 3 Phase, 4 Wire, 120/208 Volt	3,242.53	754.53
26 24 19 00-0863	EA	30 Circuit Bolt-On Lighting Panel, MCB, 3 Phase, 4 Wire, 120/208 Volt	4,258.24	1,123.11
26 24 19 00-0864	EA	42 Circuit Bolt-On Lighting Panel, MCB, 3 Phase, 4 Wire, 120/208 Volt	5,466.32	1,557.86
26 24 19 00-0865		**Factory Installed Bolt-On Branch Circuit Breaker** *(26 24 19 00-0837)* Note: For MCC lighting panel only.		
26 24 19 00-0866	EA	15 To 30 Amperes,1 Pole, Bolt-On Branch Circuit Breaker	20.59	
26 24 19 00-0867	EA	15 To 30 Amperes, 1 Pole (GFI) Bolt-On Branch Circuit Breaker	209.01	
26 24 19 00-0868	EA	15 To 50 Amperes, 2 Pole, Bolt-On Branch Circuit Breaker	40.24	
26 24 19 00-0869	EA	60 To 100 Amperes, 2 Pole, Bolt-On Branch Circuit Breaker	92.65	
26 24 19 00-0870	EA	15 To 50 Amperes, 3 Pole, Bolt-On Branch Circuit Breaker	108.56	
26 24 19 00-0871	EA	60 To 100 Amperes, 3 Pole, Bolt-On Branch Circuit Breaker	164.71	
26 24 19 00-0872		**Blank Unit Door (BUD)** *(26 24 19 00-0837)* Note: With NEMA 1, NEMA 1 with gasket, or NEMA 12 enclosure. Factory installed.		
26 24 19 00-0873	EA	6" High Blank Unit Door (BUD) With NEMA 1, NEMA 1 With Gasket, Or NEMA 12 Enclosure	55.74	
26 24 19 00-0874	EA	12" High Blank Unit Door (BUD) With NEMA 1, NEMA 1 With Gasket, Or NEMA 12 Enclosure	66.88	
26 24 19 00-0875	EA	18" High Blank Unit Door (BUD) With NEMA 1, NEMA 1 With Gasket, Or NEMA 12 Enclosure	100.32	
26 24 19 00-0876	EA	24" High Blank Unit Door (BUD) With NEMA 1, NEMA 1 With Gasket, Or NEMA 12 Enclosure	133.77	

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0877		EA	30" High Blank Unit Door (BUD) With NEMA 1, NEMA 1 With Gasket, Or NEMA 12 Enclosure	200.65	
26 24 19 00-0878		EA	48" High Blank Unit Door (BUD) With NEMA 1, NEMA 1 With Gasket, Or NEMA 12 Enclosure	234.09	
26 24 19 00-0879		EA	72" High Blank Unit Door (BUD) With NEMA 1, NEMA 1 With Gasket, Or NEMA 12 Enclosure	267.53	

26 25 Enclosed Bus Assemblies *(26 20)*

26 25 13 Low-Voltage Busways *(26 25)*

26 25 13 00-0001 Plug-In Bus Duct *(26 25 13)*

Note: Based on an average of 100' horizontal run with a 15' maximum mounting height. Each 100' of bus duct includes 2 elbows, 1 end cap, and switchboard stub. Excludes hangers with anchors and hardware support.

26 25 13 00-0002 600 Volt, 3-Phase, 3-Wire, Copper Conductors *(26 25 13 00-0001)*

26 25 13 00-0003	LF	225 Amperes, Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors	279.31	34.77
		For Up To 25, Add	*69.83*	
		For >25 To 50, Add	*41.90*	
		For >50 To 100, Add	*20.95*	
26 25 13 00-0004	LF	400 Amperes, Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors	394.40	34.77
		For Up To 25, Add	*98.60*	
		For >25 To 50, Add	*59.16*	
		For >50 To 100, Add	*29.58*	
26 25 13 00-0005	LF	600 Amperes, Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors	499.27	46.36
		For Up To 25, Add	*124.82*	
		For >25 To 50, Add	*74.89*	
		For >50 To 100, Add	*37.45*	
26 25 13 00-0006	LF	800 Amperes, Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors	687.87	46.36
		For Up To 25, Add	*171.97*	
		For >25 To 50, Add	*103.18*	
		For >50 To 100, Add	*51.59*	
26 25 13 00-0007	LF	1,000 Amperes, Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors	725.76	57.95
		For Up To 25, Add	*181.44*	
		For >25 To 50, Add	*108.86*	
		For >50 To 100, Add	*54.43*	
26 25 13 00-0008	LF	1,350 Amperes, Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors	1,009.23	57.95
		For Up To 25, Add	*252.31*	
		For >25 To 50, Add	*151.38*	
		For >50 To 100, Add	*75.69*	
26 25 13 00-0009	LF	1,600 Amperes, Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors	1,180.19	60.85
		For Up To 25, Add	*295.05*	
		For >25 To 50, Add	*177.03*	
		For >50 To 100, Add	*88.51*	
26 25 13 00-0010	LF	2,000 Amperes Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors	1,435.52	62.58
		For Up To 25, Add	*358.88*	
		For >25 To 50, Add	*215.33*	
		For >50 To 100, Add	*107.66*	
26 25 13 00-0011	LF	2,500 Amperes Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors	1,770.22	66.06
		For Up To 25, Add	*442.56*	
		For >25 To 50, Add	*265.53*	
		For >50 To 100, Add	*132.77*	
26 25 13 00-0012	LF	3,000 Amperes Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors	2,044.11	77.08
		For Up To 25, Add	*511.03*	
		For >25 To 50, Add	*306.62*	
		For >50 To 100, Add	*153.31*	
26 25 13 00-0013	LF	4,000 Amperes Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors	2,364.91	84.03
		For Up To 25, Add	*591.23*	
		For >25 To 50, Add	*354.74*	
		For >50 To 100, Add	*177.37*	

26 25 13 00-0014 277/480 Volt, 3-Phase, 4-Wire, 100% Neutral, Copper Conductors *(26 25 13 00-0001)*

26 25 13 00-0015	LF	225 Amperes Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors	454.40	34.77
		For Up To 25, Add	*113.60*	
		For >25 To 50, Add	*68.16*	
		For >50 To 100, Add	*34.08*	
26 25 13 00-0016	LF	400 Amperes Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors	654.87	34.77
		For Up To 25, Add	*163.72*	
		For >25 To 50, Add	*98.23*	
		For >50 To 100, Add	*49.12*	
26 25 13 00-0017	LF	600 Amperes Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors	740.45	46.36
		For Up To 25, Add	*185.11*	
		For >25 To 50, Add	*111.07*	
		For >50 To 100, Add	*55.53*	
26 25 13 00-0018	LF	800 Amperes Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors	940.61	46.36
		For Up To 25, Add	*235.15*	
		For >25 To 50, Add	*141.09*	
		For >50 To 100, Add	*70.55*	
26 25 13 00-0019	LF	1,000 Amperes Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors	1,146.81	57.95
		For Up To 25, Add	*286.70*	
		For >25 To 50, Add	*172.02*	
		For >50 To 100, Add	*86.01*	
26 25 13 00-0020	LF	1,350 Amperes Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors	1,484.49	57.95
		For Up To 25, Add	*371.12*	
		For >25 To 50, Add	*222.67*	
		For >50 To 100, Add	*111.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 25 13 00-0021	LF	1,600 Amperes Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors	1,918.22	60.04
		For Up To 25, Add	*479.56*	
		For >25 To 50, Add	*287.73*	
		For >50 To 100, Add	*143.87*	
26 25 13 00-0022	LF	2,000 Amperes Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors	2,309.04	62.58
		For Up To 25, Add	*577.26*	
		For >25 To 50, Add	*346.36*	
		For >50 To 100, Add	*173.18*	
26 25 13 00-0023	LF	2,500 Amperes Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors	2,862.22	65.48
		For Up To 25, Add	*715.56*	
		For >25 To 50, Add	*429.33*	
		For >50 To 100, Add	*214.67*	
26 25 13 00-0024	LF	3,000 Amperes Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors	3,304.14	77.08
		For Up To 25, Add	*826.04*	
		For >25 To 50, Add	*495.62*	
		For >50 To 100, Add	*247.81*	
26 25 13 00-0025	LF	4,000 Amperes Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors	3,829.47	84.03
		For Up To 25, Add	*957.37*	
		For >25 To 50, Add	*574.42*	
		For >50 To 100, Add	*287.21*	
26 25 13 00-0026		Cable Tap Boxes *(26 25 13 00-0001)*		
26 25 13 00-0027		600 Volt, 3-Phase, 3-Wire, Copper Conductors *(26 25 13 00-0026)*		
26 25 13 00-0028	EA	225 Amperes Cable Tap Box, 600 Volt, 3 Phase, 3 Wire	2,283.25	162.27
26 25 13 00-0029	EA	400 Amperes Cable Tap Box, 600 Volt, 3 Phase, 3 Wire	2,360.35	162.27
26 25 13 00-0030	EA	600 Amperes Cable Tap Box, 600 Volt, 3 Phase, 3 Wire	2,552.10	220.22
26 25 13 00-0031	EA	800 Amperes Cable Tap Box, 600 Volt, 3 Phase, 3 Wire	2,716.34	220.22
26 25 13 00-0032	EA	1,000 Amperes Cable Tap Box, 600 Volt, 3 Phase, 3 Wire	2,913.46	289.76
26 25 13 00-0033	EA	1,350 Amperes Cable Tap Box, 600 Volt, 3 Phase, 3 Wire	3,192.12	289.76
26 25 13 00-0034		277/480 Volt, 3-Phase, 4-Wire, 100% Neutral, Copper Conductors *(26 25 13 00-0026)*		
26 25 13 00-0035	EA	225 Amperes Cable Tap Box 277/480 Volt, 3 Phase, 4 Wire	2,360.35	318.74
26 25 13 00-0036	EA	400 Amperes Cable Tap Box 277/480 Volt, 3 Phase, 4 Wire	2,565.40	318.74
26 25 13 00-0037	EA	600 Amperes Cable Tap Box 277/480 Volt, 3 Phase, 4 Wire	2,741.75	434.63
26 25 13 00-0038	EA	800 Amperes Cable Tap Box 277/480 Volt, 3 Phase, 4 Wire	3,080.91	434.63
26 25 13 00-0039	EA	1,000 Amperes Cable Tap Box 277/480 Volt, 3 Phase, 4 Wire	3,241.06	579.52
26 25 13 00-0040	EA	1,350 Amperes Cable Tap Box 277/480 Volt, 3 Phase, 4 Wire	3,686.89	579.52
26 25 13 00-0041		Bus Duct Plug-In Circuit Breaker *(26 25 13 00-0001)*		
26 25 13 00-0042		240 Volt, 3-Phase *(26 25 13 00-0041)*		
26 25 13 00-0043	EA	60 Amperes, 240 Volt, 3 Phase, Bus Duct Plug-In Circuit Breaker	1,030.26	115.91
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*63.41*	
26 25 13 00-0044	EA	100 Amperes, 240 Volt, 3 Phase, Bus Duct Plug-In Circuit Breaker	2,046.57	115.91
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*81.39*	
26 25 13 00-0045		600 Volt, 3-Phase *(26 25 13 00-0041)*		
26 25 13 00-0046	EA	60 Amperes, 600 Volt, 3 Phase, Bus Duct Plug-in Circuit Breaker	1,986.61	115.91
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*63.41*	
26 25 13 00-0047	EA	100 Amperes, 600 Volt, 3 Phase, Bus Duct Plug-in Circuit Breaker	2,573.08	115.91
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*81.39*	
26 25 13 00-0048		120/208 Volt, 3-Phase, 4-Wire *(26 25 13 00-0041)*		
26 25 13 00-0049	EA	60 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Bus Duct Plug-in Circuit Breaker	1,186.37	139.08
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*72.44*	
26 25 13 00-0050	EA	100 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Bus Duct Plug-in Circuit Breaker	1,417.55	139.08
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*90.55*	
26 25 13 00-0051		277/480 Volt, 3-Phase, 4-Wire *(26 25 13 00-0041)*		
26 25 13 00-0052	EA	60 Amperes, 277/480 Volt, 3 Phase, 4 Wire, Bus Duct Plug-In Circuit Breaker	1,357.20	139.08
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*72.44*	
26 25 13 00-0053	EA	100 Amperes, 277/480 Volt, 3 Phase, 4 Wire, Bus Duct Plug-In Circuit Breaker	2,086.49	139.08
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*90.55*	
26 25 13 00-0054	EA	225 Amperes, 277/480 Volt, 3 Phase, 4 Wire, Bus Duct Plug-In Circuit Breaker	3,053.34	481.00
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*208.46*	
26 25 13 00-0055	EA	400 Amperes, 277/480 Volt, 3 Phase, 4 Wire, Bus Duct Plug-In Circuit Breaker	7,284.38	481.00
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*452.75*	
26 25 13 00-0056	EA	600 Amperes, 277/480 Volt, 3 Phase, 4 Wire, Bus Duct Plug-In Circuit Breaker	8,147.05	1,390.85
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*629.91*	
26 25 13 00-0057	EA	800 Amperes, 277/480 Volt, 3 Phase, 4 Wire, Bus Duct Plug-In Circuit Breaker	10,215.76	1,390.85
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*1,114.46*	
26 25 13 00-0058		Bus Duct Plug-In Fusible Switch *(26 25 13 00-0001)*		
26 25 13 00-0059		240 Volt, 3-Pole, 3-Fuse *(26 25 13 00-0058)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 25 13 00-0060	EA	30 Amperes, 240 Volt, 3 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	1,027.91	115.91
26 25 13 00-0061	EA	60 Amperes, 240 Volt, 3 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	1,129.00	115.91
26 25 13 00-0062	EA	100 Amperes, 240 Volt, 3 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	1,560.10	139.08
26 25 13 00-0063	EA	200 Amperes, 240 Volt, 3 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	2,632.91	278.17
26 25 13 00-0064	EA	400 Amperes, 240 Volt, 3 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	6,651.17	625.88
26 25 13 00-0065	EA	600 Amperes, 240 Volt, 3 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	9,945.48	1,089.49
26 25 13 00-0066		**600 Volt, 3-Pole, 3-Fuse** *(26 25 13 00-0058)*		
26 25 13 00-0067	EA	30 Amperes, 600 Volt, 3 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	1,068.67	127.49
26 25 13 00-0068	EA	60 Amperes, 600 Volt, 3 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	1,167.18	127.49
26 25 13 00-0069	EA	100 Amperes, 600 Volt, 3 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	1,572.98	127.49
26 25 13 00-0070	EA	200 Amperes, 600 Volt, 3 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	2,697.68	266.58
26 25 13 00-0071	EA	400 Amperes, 600 Volt, 3 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	6,620.22	602.70
26 25 13 00-0072	EA	600 Amperes, 600 Volt, 3 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	10,165.00	1,159.04
26 25 13 00-0073	EA	800 Amperes, 600 Volt, 3 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	16,674.61	1,506.74
26 25 13 00-0074		**120/208 Volt, 4-pole, 3 Fuse** *(26 25 13 00-0058)*		
26 25 13 00-0075	EA	30 Amperes, 120/208 Volt, 4 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	1,189.63	150.68
26 25 13 00-0076	EA	60 Amperes, 120/208 Volt, 4 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	1,277.43	150.68
26 25 13 00-0077	EA	100 Amperes, 120/208 Volt, 4 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	1,727.17	150.68
26 25 13 00-0078	EA	200 Amperes, 120/208 Volt, 4 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	2,927.99	312.94
26 25 13 00-0079	EA	400 Amperes, 120/208 Volt, 4 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	7,299.08	695.42
26 25 13 00-0080	EA	600 AAmperes, 120/208 Volt, 4 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	10,623.47	1,066.31
26 25 13 00-0081		**277/480 Volt, 4-pole, 3-Fuse** *(26 25 13 00-0058)*		
26 25 13 00-0082	EA	30 Amperes, 277/480 Volt, 4 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	1,228.92	150.68
26 25 13 00-0083	EA	60 Amperes, 277/480 Volt, 4 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	1,316.71	127.85
26 25 13 00-0084	EA	100 Amperes, 277/480 Volt, 4 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	1,842.69	173.85
26 25 13 00-0085	EA	200 Amperes, 277/480 Volt, 4 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	3,051.51	312.94
26 25 13 00-0086	EA	400 Amperes, 277/480 Volt, 4 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	7,299.08	695.42
26 25 13 00-0087	EA	600 Amperes, 277/480 Volt, 4 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	10,623.47	1,066.31
26 25 13 00-0088	EA	800 Amperes, 277/480 Volt, 4 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	16,820.58	1,414.02

26 25 16 Low-Voltage Cablebus Systems *(26 25)*

26 25 16 00-0001 Feeder Bus Duct *(26 25 16)*

Note: Based on an average of 100' horizontal run with a 15' maximum mounting height. Each 100' of bus duct includes 2 elbows, 1 end cap, and switchboard stub. Excludes hangers with anchors and hardware support.

26 25 16 00-0002 600 Volt, 3 Phase, 3 Wire, Ventilated Low Impedance *(26 25 16 00-0001)*

Note: Copper conductors.

26 25 16 00-0003	LF	800 Amperes, 600 Volt, 3 Phase, 3 Wire Copper Conductors, Bus Duct With Supports	824.55	48.68
		For Up To 25, Add	*206.14*	
		For >25 To 50, Add	*123.68*	
		For >50 To 100, Add	*61.84*	
26 25 16 00-0004	LF	1,000 Amperes, 600 Volt, 3 Phase, 3 Wire Copper Conductors, Bus Duct With Supports	835.82	48.68
		For Up To 25, Add	*208.96*	
		For >25 To 50, Add	*125.37*	
		For >50 To 100, Add	*62.69*	
26 25 16 00-0005	LF	1,350 Amperes, 600 Volt, 3 Phase, 3 Wire Copper Conductors, Bus Duct With Supports	1,093.71	48.68
		For Up To 25, Add	*273.43*	
		For >25 To 50, Add	*164.06*	
		For >50 To 100, Add	*82.03*	
26 25 16 00-0006	LF	1,600 Amperes, 600 Volt, 3 Phase, 3 Wire Copper Conductors, Bus Duct With Supports	1,313.43	48.68
		For Up To 25, Add	*328.36*	
		For >25 To 50, Add	*197.01*	
		For >50 To 100, Add	*98.51*	
26 25 16 00-0007	LF	2,000 Amperes, 600 Volt, 3 Phase, 3 Wire Copper Conductors, Bus Duct With Supports	1,605.31	48.68
		For Up To 25, Add	*401.33*	
		For >25 To 50, Add	*240.80*	
		For >50 To 100, Add	*120.40*	
26 25 16 00-0008	LF	3,000 Amperes, 600 Volt, 3 Phase, 3 Wire Copper Conductors, Bus Duct With Supports	2,190.64	115.91
		For Up To 25, Add	*547.66*	
		For >25 To 50, Add	*328.60*	
		For >50 To 100, Add	*164.30*	
26 25 16 00-0009	LF	4,000 Amperes, 600 Volt, 3 Phase, 3 Wire Copper Conductors, Bus Duct With Supports	3,027.79	115.91
		For Up To 25, Add	*756.95*	
		For >25 To 50, Add	*454.17*	
		For >50 To 100, Add	*227.08*	
26 25 16 00-0010	LF	5,000 Amperes, 600 Volt, 3 Phase, 3 Wire Copper Conductors, Bus Duct With Supports	3,582.22	115.91
		For Up To 25, Add	*895.56*	
		For >25 To 50, Add	*537.33*	
		For >50 To 100, Add	*268.67*	
26 25 16 00-0011	LF	6,000 Amperes, 600 Volt, 3 Phase, 3 Wire Copper Conductors, Bus Duct With Supports	4,412.30	115.91
		For Up To 25, Add	*1,103.08*	
		For >25 To 50, Add	*661.85*	
		For >50 To 100, Add	*330.92*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 25 16 00-0012		277/480 Volt, 3 Phase, 4 Wire, Half Neutral, Ventilated *(26 25 16 00-0001)*		
		Note: Low impedance, copper conductors.		
26 25 16 00-0013	LF	800 Amperes, 277/480 Volt, 3 Phase, 4 Wire Copper Conductors, Bus Duct With Supports	945.26	52.16
		For Up To 25, Add	*236.32*	
		For >25 To 50, Add	*141.79*	
		For >50 To 100, Add	*70.89*	
26 25 16 00-0014	LF	1,000 Amperes, 277/480 Volt, 3 Phase, 4 Wire Copper Conductors, Bus Duct With Supports	960.08	52.16
		For Up To 25, Add	*240.02*	
		For >25 To 50, Add	*144.01*	
		For >50 To 100, Add	*72.01*	
26 25 16 00-0015	LF	1,350 Amperes, 277/480 Volt, 3 Phase, 4 Wire Copper Conductors, Bus Duct With Supports	1,235.34	52.16
		For Up To 25, Add	*308.84*	
		For >25 To 50, Add	*185.30*	
		For >50 To 100, Add	*92.65*	
26 25 16 00-0016	LF	1,600 Amperes, 277/480 Volt, 3 Phase, 4 Wire Copper Conductors, Bus Duct With Supports	1,464.44	52.16
		For Up To 25, Add	*366.11*	
		For >25 To 50, Add	*219.67*	
		For >50 To 100, Add	*109.83*	
26 25 16 00-0017	LF	2,000 Amperes, 277/480 Volt, 3 Phase, 4 Wire Copper Conductors, Bus Duct With Supports	1,769.01	52.16
		For Up To 25, Add	*442.25*	
		For >25 To 50, Add	*265.35*	
		For >50 To 100, Add	*132.68*	
26 25 16 00-0018	LF	3,000 Amperes, 277/480 Volt, 3 Phase, 4 Wire Copper Conductors, Bus Duct With Supports	2,718.23	89.25
		For Up To 25, Add	*679.56*	
		For >25 To 50, Add	*407.73*	
		For >50 To 100, Add	*203.87*	
26 25 16 00-0019	LF	4,000 Amperes, 277/480 Volt, 3 Phase, 4 Wire Copper Conductors, Bus Duct With Supports	3,409.23	89.25
		For Up To 25, Add	*852.31*	
		For >25 To 50, Add	*511.38*	
		For >50 To 100, Add	*255.69*	
26 25 16 00-0020	LF	5,000 Amperes, 277/480 Volt, 3 Phase, 4 Wire Copper Conductors, Bus Duct With Supports	4,033.89	165.74
		For Up To 25, Add	*1,008.47*	
		For >25 To 50, Add	*605.08*	
		For >50 To 100, Add	*302.54*	
26 25 16 00-0021	LF	6,000 Amperes, 277/480 Volt, 3 Phase, 4 Wire Copper Conductors, Bus Duct With Supports	4,974.87	165.74
		For Up To 25, Add	*1,243.72*	
		For >25 To 50, Add	*746.23*	
		For >50 To 100, Add	*373.12*	

26 27 Low-Voltage Distribution Equipment *(26 20)*

26 27 13 Electricity Metering *(26 27)*

26 27 13 00-0001		Revenue Metering *(26 27 13)*		
26 27 13 00-0002		Meter Socket Base *(26 27 13 00-0001)*		
		Note: NEMA 3R. See CSI section 26 27 13 00-0013 for meter.		
26 27 13 00-0003	EA	100 Amperes, 1 Phase, 3 Wire, 4 Terminal Meter Socket With Bypass	269.43	75.33
26 27 13 00-0004	EA	100 Amperes, 1 Phase, 3 Wire, 5 Terminal Meter Socket With Bypass	285.96	75.33
26 27 13 00-0005	EA	150 Amperes, 1 Phase, 3 Wire, 4 Terminal Meter Socket With Bypass	318.32	84.03
26 27 13 00-0006	EA	150 Amperes, 1 Phase, 3 Wire, 5 Terminal Meter Socket With Bypass	328.93	84.03
26 27 13 00-0007	EA	200 Amperes, 1 Phase, 3 Wire, 4 Terminal Meter Socket With Bypass	367.20	92.72
26 27 13 00-0008	EA	200 Amperes, 1 Phase, 3 Wire, 5 Terminal Meter Socket With Bypass	371.90	92.72
26 27 13 00-0009	EA	200 Amperes, 3 Phase, 4 Wire, 7 Terminal Meter Socket With Bypass And Jaw Release	957.60	147.20
26 27 13 00-0010	EA	320 Amperes, 3 Phase, 4 Wire, 7 Terminal Meter Socket With Bypass And Jaw Release	1,226.15	164.58
26 27 13 00-0011	EA	400 Amperes, 3 Phase, 4 Wire, 7 Terminal Meter Socket With Bypass And Jaw Release	2,687.80	181.97
26 27 13 00-0012	EA	Combination Motor And Current Transformer Cabinet, 15 To 30 Amperes, 13 Terminal, Underground, With Test Switch And Transformer, Socket Base	2,720.03	579.52
26 27 13 00-0013		Meter Device *(26 27 13 00-0001)*		
		Note: Direct read, with 15 minute demand. See CSI section 26 27 13 00-0002 for socket base.		
26 27 13 00-0014	EA	100 Amperes, 120 Volt, Or 240 Volt, 1 Phase, KWH Meter	269.94	23.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.26*	
26 27 13 00-0015	EA	150 Amperes, 120 Volt, Or 240 Volt, 1 Phase, KWH Meter	319.45	24.05
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.43*	
26 27 13 00-0016	EA	200 Amperes, 120 Volt, Or 240 Volt, 1 Phase, KWH Meter	391.20	24.34
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.60*	
26 27 13 00-0017	EA	200 Amperes, 120 Volt, Or 240 Volt, 3 Phase, KWH Meter	764.59	24.61
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*14.81*	
26 27 13 00-0018	EA	320 Amperes, 120 Volt, Or 240 Volt, 3 Phase, KWH Meter	1,071.47	26.12
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.68*	
26 27 13 00-0019	EA	400 Amperes, 120 Volt, Or 240 Volt, 3 Phase, KWH Meter	1,738.87	29.03
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.42*	
26 27 13 00-0020		Current Transformer Enclosure *(26 27 13 00-0001)*		
26 27 13 00-0021	EA	18" x 24" x 9", NEMA 3R, Screwed Cover, Current Transformer Enclosure	555.50	150.68
26 27 13 00-0022		120/240 Volt Meter Center And Main Breaker, Indoor Housing *(26 27 13 00-0001)*		
26 27 13 00-0023		800 Amperes Bus, 4 Jaw Sockets, 125 Amperes Max., 2 Pole *(26 27 13 00-0022)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 13 00-0024	EA	3 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 125 Amperes Max	1,053.78	72.44
26 27 13 00-0025	EA	4 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 125 Amperes Max	1,387.51	86.93
26 27 13 00-0026	EA	5 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 125 Amperes Max	1,719.46	101.41
26 27 13 00-0027	EA	6 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 125 Amperes Max	1,992.60	115.91
26 27 13 00-0028	EA	7 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 125 Amperes Max	2,595.43	130.39
26 27 13 00-0029	EA	8 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 125 Amperes Max	2,802.63	144.87
26 27 13 00-0030	EA	10 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 125 Amperes Max	3,270.49	173.85
26 27 13 00-0031		1,200 Amperes Bus, 4 Jaw Sockets, 200 Amperes Max., 2 Pole *(26 27 13 00-0022)*		
26 27 13 00-0032	EA	3 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 200 Amperes Max	1,944.88	72.44
26 27 13 00-0033	EA	4 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 200 Amperes Max	2,561.98	86.93
26 27 13 00-0034	EA	6 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 200 Amperes Max	3,528.86	115.91
26 27 13 00-0035	EA	7 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 200 Amperes Max	3,914.25	130.39
26 27 13 00-0036	EA	8 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 200 Amperes Max	4,923.42	144.87
26 27 13 00-0037		800 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity, 2 Pole *(26 27 13 00-0022)*		
26 27 13 00-0038	EA	3 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	1,614.32	101.41
26 27 13 00-0039	EA	4 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	2,120.92	115.91
26 27 13 00-0040	EA	5 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	2,595.43	130.39
26 27 13 00-0041	EA	6 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	3,052.14	144.87
26 27 13 00-0042	EA	7 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	3,847.44	159.37
26 27 13 00-0043	EA	8 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	4,036.83	173.85
26 27 13 00-0044	EA	10 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	5,003.68	202.83
26 27 13 00-0045		1,200 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity, 2 Pole *(26 27 13 00-0022)*		
26 27 13 00-0046	EA	3 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	2,501.84	101.41
26 27 13 00-0047	EA	4 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	3,279.34	115.91
26 27 13 00-0048	EA	6 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	4,620.45	144.87
26 27 13 00-0049	EA	7 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	4,952.39	159.37
26 27 13 00-0050	EA	8 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	6,335.80	173.85
26 27 13 00-0051		120/208 Volt Meter Center And Main Breaker, Indoor Housing *(26 27 13 00-0001)*		
26 27 13 00-0052		800 Amperes Bus, 5 Jaw Sockets, 125 Amperes Max., 2 Pole *(26 27 13 00-0051)*		
26 27 13 00-0053	EA	3 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 125 Amperes Max	1,146.92	86.93
26 27 13 00-0054	EA	4 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 125 Amperes Max	1,500.26	101.41
26 27 13 00-0055	EA	5 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 125 Amperes Max	1,851.81	115.91
26 27 13 00-0056	EA	6 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 125 Amperes Max	2,149.89	130.39
26 27 13 00-0057	EA	7 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 125 Amperes Max	2,642.24	144.87
26 27 13 00-0058	EA	8 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 125 Amperes Max	2,849.42	159.37
26 27 13 00-0059	EA	10 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 125 Amperes Max	3,513.33	188.35
26 27 13 00-0060		1,200 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity, 2 Pole *(26 27 13 00-0051)*		
26 27 13 00-0061	EA	3 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity	2,045.15	86.93
26 27 13 00-0062	EA	4 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity	2,697.89	101.41
26 27 13 00-0063	EA	6 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity	3,896.42	130.39
26 27 13 00-0064	EA	7 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity	4,281.84	144.87
26 27 13 00-0065	EA	8 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity	5,184.12	159.37
26 27 13 00-0066		800 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity, 2 Pole *(26 27 13 00-0051)*		
26 27 13 00-0067	EA	3 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	1,707.47	115.91
26 27 13 00-0068	EA	4 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	2,221.21	130.39
26 27 13 00-0069	EA	5 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	2,749.20	144.87
26 27 13 00-0070	EA	6 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	3,205.90	159.37
26 27 13 00-0071	EA	7 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	4,036.87	173.85
26 27 13 00-0072	EA	8 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	4,226.21	188.35
26 27 13 00-0073	EA	10 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	5,264.38	217.32
26 27 13 00-0074		1,200 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity, 2 Pole *(26 27 13 00-0051)*		
26 27 13 00-0075	EA	3 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	2,619.95	115.91
26 27 13 00-0076	EA	4 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	3,450.91	130.39
26 27 13 00-0077	EA	6 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	4,952.43	159.37
26 27 13 00-0078	EA	7 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	5,177.42	173.85
26 27 13 00-0079	EA	8 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	6,578.68	188.35
26 27 13 00-0080		120/240 Volt Meter Center And Main Breaker, NEMA 3R Housing *(26 27 13 00-0001)*		

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 13 00-0081		800 Amperes Bus, 4 Jaw Sockets, 10,000 Amperes Interrupting Capacity, 2 Pole *(26 27 13 00-0080)*		
26 27 13 00-0082	EA	3 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 10,000 Amperes Interrupting Capacity	1,053.78	72.44
26 27 13 00-0083	EA	4 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 10,000 Amperes Interrupting Capacity	1,387.51	86.93
26 27 13 00-0084	EA	6 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 10,000 Amperes Interrupting Capacity	1,992.60	115.91
26 27 13 00-0085	EA	7 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 10,000 Amperes Interrupting Capacity	2,595.43	130.39
26 27 13 00-0086	EA	8 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 10,000 Amperes Interrupting Capacity	3,212.53	144.87
26 27 13 00-0087		1,200 Amperes Bus, 4 Jaw Sockets, 10,000 Amperes Interrupting Capacity, 2 Pole *(26 27 13 00-0080)*		
26 27 13 00-0088	EA	3 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 10,000 Amperes Interrupting Capacity	1,944.87	72.44
26 27 13 00-0089	EA	4 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 10,000 Amperes Interrupting Capacity	2,561.97	86.93
26 27 13 00-0090	EA	6 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 10,000 Amperes Interrupting Capacity	3,707.06	115.91
26 27 13 00-0091	EA	7 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 10,000 Amperes Interrupting Capacity	4,092.46	130.39
26 27 13 00-0092	EA	8 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 10,000 Amperes Interrupting Capacity	4,923.42	144.87
26 27 13 00-0093		800 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity, 2 Pole *(26 27 13 00-0080)*		
26 27 13 00-0094	EA	3 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	1,614.32	101.41
26 27 13 00-0095	EA	4 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	2,120.92	115.91
26 27 13 00-0096	EA	6 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	3,052.14	144.87
26 27 13 00-0097	EA	7 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	3,847.44	159.37
26 27 13 00-0098	EA	8 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	4,036.83	173.85
26 27 13 00-0099		1,200 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity, 2 Pole *(26 27 13 00-0080)*		
26 27 13 00-0100	EA	3 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	2,501.85	101.41
26 27 13 00-0101	EA	4 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	3,279.34	115.91
26 27 13 00-0102	EA	6 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	4,620.45	144.87
26 27 13 00-0103	EA	7 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	4,952.39	159.37
26 27 13 00-0104	EA	8 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	6,335.84	173.85
26 27 13 00-0105		120/208 Volt Meter Center And Main Breaker, NEMA 3R Housing *(26 27 13 00-0001)*		
26 27 13 00-0106		800 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity, 2 Pole *(26 27 13 00-0105)*		
26 27 13 00-0107	EA	3 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity	1,146.92	86.93
26 27 13 00-0108	EA	4 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity	1,500.26	101.41
26 27 13 00-0109	EA	6 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity	2,149.89	130.39
26 27 13 00-0110	EA	7 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity	2,820.45	144.87
26 27 13 00-0111	EA	8 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity	3,205.86	159.37
26 27 13 00-0112		1,200 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity, 2 Pole *(26 27 13 00-0105)*		
26 27 13 00-0113	EA	3 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity	2,045.14	86.93
26 27 13 00-0114	EA	4 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity	2,697.88	101.41
26 27 13 00-0115	EA	6 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity	3,718.21	130.39
26 27 13 00-0116	EA	7 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity	4,103.62	144.87
26 27 13 00-0117	EA	8 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity	5,184.08	159.37
26 27 13 00-0118		800 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity, 2 Pole *(26 27 13 00-0105)*		
26 27 13 00-0119	EA	3 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	1,707.45	115.91
26 27 13 00-0120	EA	4 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	2,221.18	130.39
26 27 13 00-0121	EA	6 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	3,205.86	159.37
26 27 13 00-0122	EA	7 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	4,036.83	173.85
26 27 13 00-0123	EA	8 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	4,226.21	188.35
26 27 13 00-0124		1,200 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity, 2 Pole *(26 27 13 00-0105)*		
26 27 13 00-0125	EA	3 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	2,619.93	115.91
26 27 13 00-0126	EA	4 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	3,450.88	130.39
26 27 13 00-0127	EA	6 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	4,952.39	159.37
26 27 13 00-0128	EA	7 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	5,177.42	173.85
26 27 13 00-0129	EA	8 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	6,578.68	188.35
26 27 13 00-0130		Watt/Hour Meters *(26 27 13)*		
26 27 13 00-0131	EA	Single Phase M-90 Meter, Socket, NEMA 3R Enclosure	1,207.68	69.54
26 27 13 00-0132	EA	Three Phase M-90 Meter/Main Breaker Combination With Socket, NEMA 3R Enclosure	3,413.21	139.08

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 13 00-0133	EA	Three Phase M-90 Meter In Line Secondary With Socket, NEMA 3R Enclosure	1,807.57	104.31
26 27 13 00-0134	EA	Three Phase M-90 Meter, Primary Side Transformer Mount With Socket Totally Enclosed, NEMA 3R Enclosure	2,214.59	104.31
26 27 13 00-0135	EA	Three Phase M-90 Meter, Primary Side Pole Mount With Socket, NEMA 3R Enclosure	1,867.36	104.31
26 27 13 00-0136	EA	C.T. For M-90 Meter On Primary Side, NEMA 3R Enclosure	1,266.55	96.20
26 27 13 00-0137	EA	P.T. For M-90 Meter On Primary Side, NEMA 3R Enclosure	2,164.36	173.85

26 27 13 00-0138 Watt/Hour Meter Systems *(26 27 13)*

Note: Includes NEMA 3R enclosure with C.T. and NEMA 3R C.T. enclosure. systems with main breakers include an additional NEMA 3R enclosure.

26 27 13 00-0139 Watt/Hour Meter System Without Main Breaker *(26 27 13 00-0138)*

26 27 13 00-0140	EA	400 Amperes System; 200 Amperes M-90 Meter And Enclosure	5,522.72	695.54
26 27 13 00-0141	EA	600 To 800 Amperes System; 200 Amperes M-90 Meter And Enclosure	6,483.28	695.54

26 27 13 00-0142 Watt/Hour Meter System With Main Breaker *(26 27 13 00-0138)*

26 27 13 00-0143	EA	400 Amperes System; 400 Amperes Main Breaker, 200 Amperes M-90 Meter And Enclosure	9,740.05	695.54
26 27 13 00-0144	EA	600 Amperes System; 600 Amperes Main Breaker, 200 Amperes M-90 Meter And Enclosure	11,834.60	695.54
26 27 13 00-0145	EA	800 Amperes System; 800 Amperes Main Breaker, 200 Amperes M-90 Meter And Enclosure	12,722.88	695.54

26 27 16 Electrical Cabinets and Enclosures *(26 27)*

Note: Can be used as enclosure or pull/junction boxes.

26 27 16 00-0001 NEMA 1 Enclosures, Lockable *(26 27 16)*

26 27 16 00-0002 Hinged Cover, Galvanized Steel NEMA 1 Enclosures *(26 27 16 00-0001)*

26 27 16 00-0003 4" Depth, Hinged Cover, Galvanized Steel NEMA 1 Enclosures *(26 27 16 00-0002)*

26 27 16 00-0004	EA	6" x 4" x 4", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	75.39	23.18
26 27 16 00-0005	EA	6" x 6" x 4", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	84.71	25.50
26 27 16 00-0006	EA	8" x 6" x 4", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	94.13	27.81
26 27 16 00-0007	EA	8" x 8" x 4", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	109.90	32.46
26 27 16 00-0008	EA	10" x 8" x 4", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	119.90	34.77
26 27 16 00-0009	EA	10" x 10" x 4", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	130.67	37.09
26 27 16 00-0010	EA	12" x 8" x 4", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	130.27	37.09
26 27 16 00-0011	EA	12" x 10" x 4", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	141.33	39.41
26 27 16 00-0012	EA	12" x 12" x 4" Hinged Cover, Galvanized Steel NEMA 1 Enclosure	152.98	41.73
26 27 16 00-0013	EA	16" x 12" x 4", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	197.90	55.64
26 27 16 00-0014	EA	16" x 16" x 4" Hinged Cover, Galvanized Steel NEMA 1 Enclosure	240.15	67.23
26 27 16 00-0015	EA	18" x 12" x 4" Hinged Cover, Galvanized Steel NEMA 1 Enclosure	227.80	64.91

26 27 16 00-0016 6" Depth, Hinged Cover, Galvanized Steel NEMA 1 Enclosures *(26 27 16 00-0002)*

26 27 16 00-0017	EA	6" x 6" x 6", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	94.91	27.81
26 27 16 00-0018	EA	8" x 8" x 6", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	115.66	32.46
26 27 16 00-0019	EA	10" x 8" x 6", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	137.86	39.41
26 27 16 00-0020	EA	10" x 10" x 6", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	149.21	41.73
26 27 16 00-0021	EA	12" x 10" x 6", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	160.81	44.04
26 27 16 00-0022	EA	12" x 12" x 6", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	172.99	46.36
26 27 16 00-0023	EA	16" x 12" x 6", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	219.21	60.27
26 27 16 00-0024	EA	16" x 16" x 6", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	265.41	74.18
26 27 16 00-0025	EA	18" x 12" x 6", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	255.84	71.86
26 27 16 00-0026	EA	18" x 18" x 6", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	333.46	92.72
26 27 16 00-0027	EA	24" x 18" x 6", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	432.05	106.63
26 27 16 00-0028	EA	24" x 24" x 6", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	495.65	115.91
26 27 16 00-0029	EA	30" x 24" x 6", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	553.80	122.85
26 27 16 00-0030	EA	36" x 24" x 6", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	606.17	127.49
26 27 16 00-0031	EA	24-1/2" x 12-1/2" x 6-1/2", Hinged Cover, Galvanized Steel NEMA 1 Enclosure (Control Products MH3803L)	406.53	92.72

26 27 16 00-0032 Screw Cover, Galvanized Steel NEMA 1 Enclosures *(26 27 16 00-0001)*

26 27 16 00-0033 3" Depth, Screw Cover, Galvanized Steel NEMA 1 Enclosures *(26 27 16 00-0032)*

26 27 16 00-0034	EA	4" x 4" x 3" Screw Cover, Galvanized Steel NEMA 1 Enclosure	51.57	16.23
26 27 16 00-0035	EA	6" x 6" x 3" Screw Cover, Galvanized Steel NEMA 1 Enclosure	73.71	23.18
26 27 16 00-0036	EA	8" x 6" x 3" Screw Cover, Galvanized Steel NEMA 1 Enclosure	82.30	25.50

26 27 16 00-0037 4" Depth, Screw Cover, Galvanized Steel NEMA 1 Enclosures *(26 27 16 00-0032)*

26 27 16 00-0038	EA	4" x 4" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure	57.56	18.54
26 27 16 00-0039	EA	6" x 4" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure	71.32	23.18
26 27 16 00-0040	EA	6" x 6" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure	79.76	25.50
26 27 16 00-0041	EA	8" x 6" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure	88.35	27.81
26 27 16 00-0042	EA	8" x 8" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure	103.09	32.46
26 27 16 00-0043	EA	10" x 8" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure	112.11	34.77
26 27 16 00-0044	EA	10" x 10" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure	121.62	37.09
26 27 16 00-0045	EA	12" x 8" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure	121.24	37.09
26 27 16 00-0046	EA	12" x 10" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure	131.19	39.41
26 27 16 00-0047	EA	12" x 12" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure	141.44	41.73
26 27 16 00-0048	EA	16" x 12" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure	184.77	55.64

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 16 00-0049	EA	16" x 16" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure	228.82	69.54
26 27 16 00-0050	EA	18" x 12" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure	212.24	64.91
26 27 16 00-0051	EA	18" x 18" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure	275.05	83.45
26 27 16 00-0052	EA	24" x 24" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure	400.84	104.31
26 27 16 00-0053		6" Depth, Screw Cover, Galvanized Steel NEMA 1 Enclosures *(26 27 16 00-0032)*		
26 27 16 00-0054	EA	6" x 6" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure	88.88	27.81
26 27 16 00-0055	EA	8" x 6" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure	98.17	30.14
26 27 16 00-0056	EA	8" x 8" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure	113.15	34.77
26 27 16 00-0057	EA	10" x 8" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure	128.47	39.41
26 27 16 00-0058	EA	10" x 10" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure	138.56	41.73
26 27 16 00-0059	EA	12" x 10" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure	148.77	44.04
26 27 16 00-0060	EA	12" x 12" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure	159.43	46.36
26 27 16 00-0061	EA	16" x 12" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure	203.92	60.27
26 27 16 00-0062	EA	16" x 16" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure	250.52	74.18
26 27 16 00-0063	EA	18" x 12" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure	237.79	71.86
26 27 16 00-0064	EA	18" x 18" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure	309.33	92.72
26 27 16 00-0065	EA	24" x 18" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure	388.44	106.63
26 27 16 00-0066	EA	24" x 24" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure	446.64	115.91
26 27 16 00-0067	EA	30" x 24" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure	482.75	122.85
26 27 16 00-0068	EA	36" x 24" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure	529.64	127.49
26 27 16 00-0069		8" Depth, Screw Cover, Galvanized Steel NEMA 1 Enclosures *(26 27 16 00-0032)*		
26 27 16 00-0070	EA	8" x 8" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure	128.47	39.41
26 27 16 00-0071	EA	12" x 12" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure	175.90	51.00
26 27 16 00-0072	EA	16" x 12" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure	223.60	64.91
26 27 16 00-0073	EA	16" x 16" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure	277.39	81.13
26 27 16 00-0074	EA	18" x 12" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure	264.82	78.81
26 27 16 00-0075	EA	18" x 18" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure	328.12	97.36
26 27 16 00-0076	EA	24" x 12" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure	365.31	111.27
26 27 16 00-0077	EA	24" x 18" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure	426.21	118.22
26 27 16 00-0078	EA	24" x 24" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure	492.59	127.49
26 27 16 00-0079	EA	30" x 24" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure	524.40	134.45
26 27 16 00-0080	EA	30" x 30" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure	551.43	139.08
26 27 16 00-0081	EA	36" x 24" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure	566.88	139.08
26 27 16 00-0082		10" Depth, Screw Cover, Galvanized Steel NEMA 1 Enclosures *(26 27 16 00-0032)*		
26 27 16 00-0083	EA	18" x 12" x 10" Screw Cover, Galvanized Steel NEMA 1 Enclosure	300.87	88.08
26 27 16 00-0084	EA	18" x 18" x 10" Screw Cover, Galvanized Steel NEMA 1 Enclosure	396.51	113.58
26 27 16 00-0085	EA	24" x 12" x 10" Screw Cover, Galvanized Steel NEMA 1 Enclosure	400.06	120.54
26 27 16 00-0086	EA	24" x 18" x 10" Screw Cover, Galvanized Steel NEMA 1 Enclosure	525.12	129.81
26 27 16 00-0087	EA	24" x 24" x 10" Screw Cover, Galvanized Steel NEMA 1 Enclosure	605.64	143.72
26 27 16 00-0088	EA	30" x 24" x 10" Screw Cover, Galvanized Steel NEMA 1 Enclosure	674.69	148.35
26 27 16 00-0089	EA	36" x 24" x 10" Screw Cover, Galvanized Steel NEMA 1 Enclosure	720.41	155.31
26 27 16 00-0090		12" Depth, Screw Cover, Galvanized Steel NEMA 1 Enclosures *(26 27 16 00-0032)*		
26 27 16 00-0091	EA	18" x 18" x 12", Screw Cover, Galvanized Steel NEMA 1 Enclosure	437.79	125.18
26 27 16 00-0092	EA	24" x 12" x 12", Screw Cover, Galvanized Steel NEMA 1 Enclosure	434.31	132.13
26 27 16 00-0093	EA	24" x 18" x 12", Screw Cover, Galvanized Steel NEMA 1 Enclosure	577.14	143.72
26 27 16 00-0094	EA	24" x 24" x 12", Screw Cover, Galvanized Steel NEMA 1 Enclosure	660.92	157.62
26 27 16 00-0095	EA	30" x 24" x 12", Screw Cover, Galvanized Steel NEMA 1 Enclosure	744.47	164.58
26 27 16 00-0096	EA	36" x 24" x 12", Screw Cover, Galvanized Steel NEMA 1 Enclosure	785.68	171.54
26 27 16 00-0097		NEMA 1 Enclosures For Up To 6 Boards, Lockable *(26 27 16)*		
26 27 16 00-0098		4.5" Depth, Hinged Cover, Powder Coated Steel, NEMA 1 Enclosures *(26 27 16 00-0097)*		
26 27 16 00-0099	EA	24" High x 18" Wide x 4.5" Deep, 18 Gauge, Powder Coated Steel, NEMA 1 Enclosure (RS2 Technologies NCL-12)	1,206.92	102.00
26 27 16 00-0100		NEMA 12 Enclosures, Lockable *(26 27 16)* Note: Dust-tight enclosures.		
26 27 16 00-0101		Hinged Cover, Galvanized Steel NEMA 12 Enclosures *(26 27 16 00-0100)*		
26 27 16 00-0102		4" Depth, Hinged Cover, Galvanized Steel NEMA 12 Enclosures *(26 27 16 00-0101)*		
26 27 16 00-0103	EA	4" x 4" x 4" Hinged Cover, Galvanized Steel NEMA 12 Enclosure	112.30	18.54
26 27 16 00-0104	EA	6" x 6" x 4" Hinged Cover, Galvanized Steel NEMA 12 Enclosure	145.77	25.50
26 27 16 00-0105	EA	8" x 8" x 4" Hinged Cover, Galvanized Steel NEMA 12 Enclosure	180.01	32.46
26 27 16 00-0106	EA	10" x 8" x 4" Hinged Cover, Galvanized Steel NEMA 12 Enclosure	195.02	34.77
26 27 16 00-0107	EA	12" x 6" x 4" Hinged Cover, Galvanized Steel NEMA 12 Enclosure	219.61	37.09
26 27 16 00-0108	EA	12" x 10" x 4" Hinged Cover, Galvanized Steel NEMA 12 Enclosure	236.76	39.41
26 27 16 00-0109		6" Depth, Hinged Cover, Galvanized Steel NEMA 12 Enclosures *(26 27 16 00-0101)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 16 00-0110	EA	6" x 6" x 6" Hinged Cover, Galvanized Steel NEMA 12 Enclosure	162.00	27.81
26 27 16 00-0111	EA	8" x 6" x 6" Hinged Cover, Galvanized Steel NEMA 12 Enclosure	178.67	30.14
26 27 16 00-0112		**Screw Cover, Galvanized Steel NEMA 12 Enclosures** *(26 27 16 00-0100)*		
26 27 16 00-0113		**4" Depth, Screw Cover, Galvanized Steel NEMA 12 Enclosures** *(26 27 16 00-0112)*		
26 27 16 00-0114	EA	4" x 4" x 4" Screw Cover, Galvanized Steel NEMA 12 Enclosure	227.91	18.54
26 27 16 00-0115	EA	6" x 6" x 4" Screw Cover, Galvanized Steel NEMA 12 Enclosure	272.38	25.50
26 27 16 00-0116	EA	8" x 6" x 4" Screw Cover, Galvanized Steel NEMA 12 Enclosure	308.33	27.81
26 27 16 00-0117	EA	8" x 8" x 4" Screw Cover, Galvanized Steel NEMA 12 Enclosure	352.56	32.46
26 27 16 00-0118	EA	10" x 8" x 4" Screw Cover, Galvanized Steel NEMA 12 Enclosure	362.19	34.77
26 27 16 00-0119	EA	10" x 10" x 4" Screw Cover, Galvanized Steel NEMA 12 Enclosure	428.99	37.09
26 27 16 00-0120	EA	12" x 10" x 4" Screw Cover, Galvanized Steel NEMA 12 Enclosure	460.76	39.41
26 27 16 00-0121	EA	12" x 12" x 4" Screw Cover, Galvanized Steel NEMA 12 Enclosure	525.27	41.73
26 27 16 00-0122		**6" Depth, Screw Cover, Galvanized Steel NEMA 12 Enclosures** *(26 27 16 00-0112)*		
26 27 16 00-0123	EA	6" x 6" x 6" Screw Cover, Galvanized Steel NEMA 12 Enclosure	332.62	27.81
26 27 16 00-0124	EA	8" x 6" x 6" Screw Cover, Galvanized Steel NEMA 12 Enclosure	376.43	30.14
26 27 16 00-0125	EA	8" x 8" x 6" Screw Cover, Galvanized Steel NEMA 12 Enclosure	409.73	34.77
26 27 16 00-0126	EA	10" x 10" x 6" Screw Cover, Galvanized Steel NEMA 12 Enclosure	484.41	41.73
26 27 16 00-0127	EA	12" x 12" x 6" Screw Cover, Galvanized Steel NEMA 12 Enclosure	525.74	46.36
26 27 16 00-0128	EA	16" x 14" x 6" Screw Cover, Galvanized Steel NEMA 12 Enclosure	731.37	60.27
26 27 16 00-0129	EA	18" x 18" x 6" Screw Cover, Galvanized Steel NEMA 12 Enclosure	1,133.57	92.72
26 27 16 00-0130	EA	24" x 16" x 6" Screw Cover, Galvanized Steel NEMA 12 Enclosure	1,489.47	106.63
26 27 16 00-0131	EA	24" x 24" x 6" Screw Cover, Galvanized Steel NEMA 12 Enclosure	1,680.66	115.91
26 27 16 00-0132		**8" Depth, Screw Cover, Galvanized Steel NEMA 12 Enclosures** *(26 27 16 00-0112)*		
26 27 16 00-0133	EA	24" x 18" x 8" Screw Cover, Galvanized Steel NEMA 12 Enclosure	1,550.89	118.22
26 27 16 00-0134	EA	24" x 24" x 8" Screw Cover, Galvanized Steel NEMA 12 Enclosure	1,790.06	127.49
26 27 16 00-0135	EA	30" x 24" x 8" Screw Cover, Galvanized Steel NEMA 12 Enclosure	1,969.46	134.45
26 27 16 00-0136	EA	30" x 30" x 8" Screw Cover, Galvanized Steel NEMA 12 Enclosure	2,174.28	139.08
26 27 16 00-0137	EA	36" x 24" x 8" Screw Cover, Galvanized Steel NEMA 12 Enclosure	2,143.74	139.08
26 27 16 00-0138		**Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosures** *(26 27 16 00-0100)*		
26 27 16 00-0139		**8" Depth, Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosures** *(26 27 16 00-0138)*		
26 27 16 00-0140	EA	60" x 48" x 8" Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosure	6,943.42	188.35
26 27 16 00-0141		**10" Depth, Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosures** *(26 27 16 00-0138)*		
26 27 16 00-0142	EA	60" x 48" x 10" Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosure	7,006.05	208.62
26 27 16 00-0143	EA	60" x 60" x 10" Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosure	8,040.70	223.12
26 27 16 00-0144	EA	72" x 60" x 10" Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosure	9,244.75	278.17
26 27 16 00-0145	EA	72" x 72" x 10" Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosure	10,318.51	328.01
26 27 16 00-0146		**12" Depth, Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosures** *(26 27 16 00-0138)*		
26 27 16 00-0147	EA	60" x 48" x 12" Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosure	7,446.58	328.01
26 27 16 00-0148	EA	60" x 60" x 12" Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosure	8,305.65	347.71
26 27 16 00-0149	EA	72" x 60" x 12" Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosure	9,439.64	370.89
26 27 16 00-0150	EA	72" x 72" x 12" Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosure	10,426.34	370.89
26 27 16 00-0151		**NEMA 3 Enclosures, Lockable** *(26 27 16)* Note: Can be used underground or encased in concrete.		
26 27 16 00-0152		**2" Depth, Screw Cover, Galvanized Cast Iron NEMA 3 Enclosures** *(26 27 16 00-0151)*		
26 27 16 00-0153	EA	4" x 4" x 2" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	310.15	81.13
26 27 16 00-0154		**3" Depth, Screw Cover, Galvanized Cast Iron NEMA 3 Enclosures** *(26 27 16 00-0151)*		
26 27 16 00-0155	EA	4" x 4" x 3" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	333.55	81.13
26 27 16 00-0156	EA	5" x 5" x 3" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	427.93	84.03
26 27 16 00-0157	EA	6" x 4" x 3" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	443.85	84.03
26 27 16 00-0158	EA	6" x 6" x 3" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	559.25	86.93
26 27 16 00-0159		**4" Depth, Screw Cover, Galvanized Cast Iron NEMA 3 Enclosures** *(26 27 16 00-0151)*		
26 27 16 00-0160	EA	4" x 4" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	423.62	84.03
26 27 16 00-0161	EA	5" x 5" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	465.26	84.03
26 27 16 00-0162	EA	6" x 4" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	485.04	86.93
26 27 16 00-0163	EA	6" x 6" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	612.94	86.93

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 16 00-0164	EA	8" x 6" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	674.05	92.72
26 27 16 00-0165	EA	8" x 8" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	725.67	98.52
26 27 16 00-0166	EA	10" x 6" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	756.09	98.52
26 27 16 00-0167	EA	10" x 8" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	900.54	101.41
26 27 16 00-0168	EA	12" x 6" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	977.48	104.31
26 27 16 00-0169	EA	12" x 12" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	1,340.74	115.91
26 27 16 00-0170		**6" Depth, Screw Cover, Galvanized Cast Iron NEMA 3 Enclosures** *(26 27 16 00-0151)*		
26 27 16 00-0171	EA	6" x 6" x 6", Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	647.55	89.83
26 27 16 00-0172	EA	8" x 6" x 6", Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	817.13	101.41
26 27 16 00-0173	EA	8" x 8" x 6", Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	958.77	104.31
26 27 16 00-0174	EA	10" x 8" x 6", Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	1,106.18	107.21
26 27 16 00-0175	EA	10" x 10" x 6", Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	1,177.93	107.21
26 27 16 00-0176	EA	12" x 8" x 6", Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	1,340.35	115.91
26 27 16 00-0177	EA	12" x 12" x 6", Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	1,550.76	130.39
26 27 16 00-0178	EA	16" x 6" x 6", Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	1,461.11	124.60
26 27 16 00-0179	EA	18" x 12" x 6", Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	2,841.72	231.81
26 27 16 00-0180	EA	18" x 18" x 6", Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	4,934.28	289.76
26 27 16 00-0181		**8" Depth, Screw Cover, Galvanized Cast Iron NEMA 3 Enclosures** *(26 27 16 00-0151)*		
26 27 16 00-0182	EA	8" x 8" x 8" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	1,188.85	110.10
26 27 16 00-0183	EA	12" x 8" x 8" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	1,789.84	144.87
26 27 16 00-0184	EA	12" x 12" x 8" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	1,819.14	144.87
26 27 16 00-0185	EA	16" x 12" x 8" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	2,462.43	217.32
26 27 16 00-0186	EA	18" x 12" x 8" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	3,248.73	231.81
26 27 16 00-0187	EA	24" x 24" x 8" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	8,262.29	405.66
26 27 16 00-0188		**10" Depth, Screw Cover, Galvanized Cast Iron NEMA 3 Enclosures** *(26 27 16 00-0151)*		
26 27 16 00-0189	EA	18" x 12" x 10" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	4,333.75	289.76
26 27 16 00-0190		**12" Depth, Screw Cover, Galvanized Cast Iron NEMA 3 Enclosures** *(26 27 16 00-0151)*		
26 27 16 00-0191	EA	18" x 18" x 12" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	6,675.12	347.71
26 27 16 00-0192	EA	24" x 12" x 12" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	5,486.28	318.74
26 27 16 00-0193		**NEMA 3R Enclosures, Lockable** *(26 27 16)* Note: Rain-tight enclosures.		
26 27 16 00-0194		**Hinged Cover, Galvanized Steel NEMA 3R Enclosures** *(26 27 16 00-0193)*		
26 27 16 00-0195		**4" Depth, Hinged Cover, Galvanized Steel NEMA 3R Enclosures** *(26 27 16 00-0194)*		
26 27 16 00-0196	EA	6" x 4" x 4" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	102.23	23.18
26 27 16 00-0197	EA	6" x 6" x 4" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	112.90	25.50
26 27 16 00-0198	EA	8" x 6" x 4" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	170.66	27.81
26 27 16 00-0199		**6" Depth, Hinged Cover, Galvanized Steel NEMA 3R Enclosures** *(26 27 16 00-0194)*		
26 27 16 00-0200	EA	8" x 8" x 6" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	214.92	34.77
26 27 16 00-0201	EA	10" x 8" x 6" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	239.96	39.41
26 27 16 00-0202	EA	12" x 10" x 6" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	282.34	44.04
26 27 16 00-0203	EA	12" x 12" x 6" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	305.69	46.36
26 27 16 00-0204	EA	16" x 12" x 6" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	398.02	60.27
26 27 16 00-0205	EA	16" x 16" x 6" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	475.21	74.18
26 27 16 00-0206	EA	18" x 18" x 6" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	539.93	92.72
26 27 16 00-0207		**8" Depth, Hinged Cover, Galvanized Steel NEMA 3R Enclosures** *(26 27 16 00-0194)*		
26 27 16 00-0208	EA	24" x 20" x 8" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	828.13	118.22
26 27 16 00-0209	EA	24" x 24" x 8" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	919.75	127.49
26 27 16 00-0210	EA	30" x 24" x 8" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	1,038.62	134.45
26 27 16 00-0211	EA	30" x 30" x 8" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	1,093.24	139.08
26 27 16 00-0212		**10" Depth, Hinged Cover, Galvanized Steel NEMA 3R Enclosures** *(26 27 16 00-0194)*		
26 27 16 00-0213	EA	12" x 48" x 10" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	1,027.89	143.72
26 27 16 00-0214	EA	12" x 54" x 10" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	1,161.17	162.27
26 27 16 00-0215	EA	12" x 60" x 10" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	1,285.45	179.66
26 27 16 00-0216	EA	12" x 66" x 10" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	1,416.41	198.20
26 27 16 00-0217	EA	12" x 72" x 10" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	1,541.85	215.58
26 27 16 00-0218	EA	18" x 18" x 10" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	661.99	113.58
26 27 16 00-0219	EA	24" x 24" x 10" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	1,027.89	143.72
26 27 16 00-0220	EA	30" x 24" x 10" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	1,224.91	148.35
26 27 16 00-0221	EA	36" x 36" x 10" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	1,559.78	162.27

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 16 00-0222		**12" Depth, Hinged Cover, Galvanized Steel NEMA 3R Enclosures** *(26 27 16 00-0194)*		
26 27 16 00-0223	EA	12" x 48" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	1,005.97	114.75
26 27 16 00-0224	EA	12" x 54" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	1,127.83	128.66
26 27 16 00-0225	EA	12" x 60" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	1,248.55	142.56
26 27 16 00-0226	EA	12" x 66" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	1,381.14	157.62
26 27 16 00-0227	EA	12" x 72" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	1,503.01	171.54
26 27 16 00-0228	EA	18" x 24" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	751.51	85.77
26 27 16 00-0229	EA	18" x 32" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	1,005.97	114.75
26 27 16 00-0230	EA	18" x 36" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	1,127.83	128.66
26 27 16 00-0231	EA	18" x 42" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	1,328.23	150.68
26 27 16 00-0232	EA	18" x 48" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	1,503.01	171.54
26 27 16 00-0233	EA	30" x 30" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	1,426.30	169.22
26 27 16 00-0234	EA	36" x 24" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	1,503.01	171.54
26 27 16 00-0235	EA	36" x 30" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	1,584.87	176.18
26 27 16 00-0236	EA	36" x 36" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	1,769.28	185.45
26 27 16 00-0237	EA	42" x 30" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	1,921.25	194.72
26 27 16 00-0238		**Screw Cover, Galvanized Steel NEMA 3R Enclosures** *(26 27 16 00-0193)*		
26 27 16 00-0239		**4" Depth, Screw Cover, Galvanized Steel NEMA 3R Enclosures** *(26 27 16 00-0238)*		
26 27 16 00-0240	EA	4" x 4" x 4", Screw Cover, Galvanized Steel NEMA 3R Enclosure	73.04	18.54
26 27 16 00-0241	EA	6" x 4" x 4", Screw Cover, Galvanized Steel NEMA 3R Enclosure	87.98	23.18
26 27 16 00-0242	EA	6" x 6" x 4", Screw Cover, Galvanized Steel NEMA 3R Enclosure	97.19	25.50
26 27 16 00-0243	EA	8" x 6" x 4", Screw Cover, Galvanized Steel NEMA 3R Enclosure	107.95	27.81
26 27 16 00-0244	EA	8" x 8" x 4", Screw Cover, Galvanized Steel NEMA 3R Enclosure	125.29	32.46
26 27 16 00-0245	EA	10" x 8" x 4", Screw Cover, Galvanized Steel NEMA 3R Enclosure	136.81	34.77
26 27 16 00-0246	EA	10" x 10" x 4", Screw Cover, Galvanized Steel NEMA 3R Enclosure	149.41	37.09
26 27 16 00-0247	EA	12" x 8" x 4", Screw Cover, Galvanized Steel NEMA 3R Enclosure	148.68	37.09
26 27 16 00-0248	EA	12" x 10" x 4", Screw Cover, Galvanized Steel NEMA 3R Enclosure	162.98	39.41
26 27 16 00-0249	EA	12" x 12" x 4", Screw Cover, Galvanized Steel NEMA 3R Enclosure	175.58	41.73
26 27 16 00-0250	EA	18" x 12" x 4", Screw Cover, Galvanized Steel NEMA 3R Enclosure	264.50	64.91
26 27 16 00-0251	EA	18" x 18" x 4", Screw Cover, Galvanized Steel NEMA 3R Enclosure	354.10	83.45
26 27 16 00-0252		**6" Depth, Screw Cover, Galvanized Steel NEMA 3R Enclosures** *(26 27 16 00-0238)*		
26 27 16 00-0253	EA	6" x 6" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure	100.66	27.81
26 27 16 00-0254	EA	8" x 8" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure	138.78	34.77
26 27 16 00-0255	EA	10" x 8" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure	157.20	39.41
26 27 16 00-0256	EA	10" x 10" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure	170.81	41.73
26 27 16 00-0257	EA	12" x 8" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure	169.73	41.73
26 27 16 00-0258	EA	12" x 10" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure	184.22	44.04
26 27 16 00-0259	EA	12" x 12" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure	198.85	46.36
26 27 16 00-0260	EA	16" x 12" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure	259.62	60.27
26 27 16 00-0261	EA	18" x 12" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure	297.81	71.86
26 27 16 00-0262	EA	18" x 18" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure	398.75	92.72
26 27 16 00-0263	EA	24" x 12" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure	415.01	99.68
26 27 16 00-0264	EA	24" x 18" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure	477.55	106.63
26 27 16 00-0265	EA	24" x 24" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure	539.77	115.91
26 27 16 00-0266		**8" Depth, Screw Cover, Galvanized Steel NEMA 3R Enclosures** *(26 27 16 00-0238)*		
26 27 16 00-0267	EA	12" x 12" x 8", Screw Cover, Galvanized Steel NEMA 3R Enclosure	222.97	51.00
26 27 16 00-0268	EA	18" x 12" x 8", Screw Cover, Galvanized Steel NEMA 3R Enclosure	320.73	78.81
26 27 16 00-0269	EA	18" x 18" x 8", Screw Cover, Galvanized Steel NEMA 3R Enclosure	441.45	102.00
26 27 16 00-0270	EA	24" x 18" x 8", Screw Cover, Galvanized Steel NEMA 3R Enclosure	528.31	118.22
26 27 16 00-0271	EA	24" x 24" x 8", Screw Cover, Galvanized Steel NEMA 3R Enclosure	600.53	127.49
26 27 16 00-0272	EA	30" x 24" x 8", Screw Cover, Galvanized Steel NEMA 3R Enclosure	670.33	134.45
26 27 16 00-0273		**10" Depth, Screw Cover, Galvanized Steel NEMA 3R Enclosures** *(26 27 16 00-0238)*		
26 27 16 00-0274	EA	18" x 18" x 10" Screw Cover, Galvanized Steel NEMA 3R Enclosure	486.55	113.58
26 27 16 00-0275	EA	24" x 24" x 10" Screw Cover, Galvanized Steel NEMA 3R Enclosure	658.79	143.72
26 27 16 00-0276	EA	30" x 24" x 10" Screw Cover, Galvanized Steel NEMA 3R Enclosure	726.89	148.35
26 27 16 00-0277		**12" Depth, Screw Cover, Galvanized Steel NEMA 3R Enclosures** *(26 27 16 00-0238)*		
26 27 16 00-0278	EA	24" x 24" x 12" Screw Cover, Galvanized Steel NEMA 3R Enclosure	728.28	157.62
26 27 16 00-0279	EA	30" x 30" x 12" Screw Cover, Galvanized Steel NEMA 3R Enclosure	1,035.64	171.54
26 27 16 00-0280	EA	36" x 30" x 12" Screw Cover, Galvanized Steel NEMA 3R Enclosure	1,070.84	176.18
26 27 16 00-0281	EA	36" x 36" x 12" Screw Cover, Galvanized Steel NEMA 3R Enclosure	1,261.51	185.45
26 27 16 00-0282		**NEMA 4 Enclosures, Lockable** *(26 27 16)* Note: Water-tight enclosures.		
26 27 16 00-0283		**Hinge Cover, Painted Steel NEMA 4 Enclosures** *(26 27 16 00-0282)*		
26 27 16 00-0284	EA	4" x 4" x 3" Hinge Cover, Painted Steel NEMA 4 Enclosure	109.47	16.23
26 27 16 00-0285	EA	6" x 4" x 3" Hinge Cover, Painted Steel NEMA 4 Enclosure	127.77	19.71
26 27 16 00-0286	EA	8" x 6" x 3.5" Hinge Cover, Painted Steel NEMA 4 Enclosure	159.76	25.50

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 16 00-0287	EA	6" x 6" x 4" Hinge Cover, Painted Steel NEMA 4 Enclosure	151.93	25.50
26 27 16 00-0288	EA	10" x 8" x 4" Hinge Cover, Painted Steel NEMA 4 Enclosure	203.01	34.77
26 27 16 00-0289	EA	12" x 10" x 5" Hinge Cover, Painted Steel NEMA 4 Enclosure	253.01	41.73
26 27 16 00-0290	EA	10" x 8" x 6" Hinge Cover, Painted Steel NEMA 4 Enclosure	233.68	39.41
26 27 16 00-0291	EA	12" x 12" x 6" Hinge Cover, Painted Steel NEMA 4 Enclosure	272.40	46.36
26 27 16 00-0292	EA	14" x 12" x 6" Hinge Cover, Painted Steel NEMA 4 Enclosure	320.60	53.31
26 27 16 00-0293	EA	16" x 14" x 6" Hinge Cover, Painted Steel NEMA 4 Enclosure	388.46	67.23

26 27 16 00-0294 Clamp Cover, Painted Steel NEMA 4 Enclosures *(26 27 16 00-0282)*

26 27 16 00-0295	EA	4" x 4" x 3" Clamp Cover, Painted Steel NEMA 4 Enclosure	100.38	16.23
26 27 16 00-0296	EA	6" x 6" x 4" Clamp Cover, Painted Steel NEMA 4 Enclosure	142.85	25.50

26 27 16 00-0297 Screw Cover, Fiberglass NEMA 4 Or 4x Enclosures *(26 27 16 00-0282)*

26 27 16 00-0298	EA	6" x 6" x 4", Screw Cover, Fiberglass NEMA 4 Or 4X Enclosure	125.93	22.25
26 27 16 00-0299	EA	8" x 6" x 4", Screw Cover, Fiberglass NEMA 4 Or 4X Enclosure	133.75	24.11
26 27 16 00-0300	EA	10" x 8" x 6", Screw Cover, Fiberglass NEMA 4 Or 4X Enclosure	164.05	31.52
26 27 16 00-0301	EA	12" x 10" x 6", Screw Cover, Fiberglass NEMA 4 Or 4X Enclosure	191.92	34.77
26 27 16 00-0302	EA	14" x 12" x 8", Screw Cover, Fiberglass NEMA 4 Enclosure	248.29	44.04
26 27 16 00-0303	EA	16" x 14" x 8", Screw Cover, Fiberglass NEMA 4 Enclosure	290.22	52.16
26 27 16 00-0304	EA	18" x 16" x 10", Screw Cover, Fiberglass NEMA 4 Enclosure	407.98	83.45

26 27 16 00-0305 NEMA 4X Enclosures, Lockable *(26 27 16)*

Note: Water-tight enclosures.

26 27 16 00-0306 Clamp Cover, Aluminum NEMA 4X Enclosures *(26 27 16 00-0305)*

26 27 16 00-0307	EA	6" x 4" x 3" Clamp Cover, Aluminum NEMA 4X Enclosure	218.91	18.54
26 27 16 00-0308	EA	6" x 6" x 4" Clamp Cover, Aluminum NEMA 4X Enclosure	257.82	25.50
26 27 16 00-0309	EA	10" x 8" x 4" Clamp Cover, Aluminum NEMA 4X Enclosure	326.61	34.77
26 27 16 00-0310	EA	12" x 10" x 5" Clamp Cover, Aluminum NEMA 4X Enclosure	396.54	41.73
26 27 16 00-0311	EA	14" x 12" x 6" Clamp Cover, Aluminum NEMA 4X Enclosure	488.75	53.31
26 27 16 00-0312	EA	16" x 14" x 6" Clamp Cover, Aluminum NEMA 4X Enclosure	576.85	67.23

26 27 16 00-0313 Clamp Cover, 304 Stainless Steel NEMA 4X Enclosures *(26 27 16 00-0305)*

26 27 16 00-0314	EA	4" x 4" x 3", Clamp Cover, 304 Stainless Steel NEMA 4X Enclosure	328.27	16.23
		For 316 Stainless Steel, Add	*46.03*	
26 27 16 00-0315	EA	6" x 4" x 4", Clamp Cover, 304 Stainless Steel NEMA 4X Enclosure	426.10	23.18
		For 316 Stainless Steel, Add	*58.90*	
26 27 16 00-0316	EA	6" x 6" x 4", Clamp Cover, 304 Stainless Steel NEMA 4X Enclosure	483.16	25.50
		For 316 Stainless Steel, Add	*67.11*	
26 27 16 00-0317	EA	8" x 6" x 4", Clamp Cover, 304 Stainless Steel NEMA 4X Enclosure	553.55	27.81
		For 316 Stainless Steel, Add	*77.44*	
26 27 16 00-0318	EA	10" x 8" x 4", Clamp Cover, 304 Stainless Steel NEMA 4X Enclosure	679.60	34.77
		For 316 Stainless Steel, Add	*94.83*	
26 27 16 00-0319	EA	12" x 10" x 6", Clamp Cover, 304 Stainless Steel NEMA 4X Enclosure	957.91	44.04
		For 316 Stainless Steel, Add	*135.65*	
26 27 16 00-0320	EA	14" x 12" x 6", Clamp Cover, 304 Stainless Steel NEMA 4X Enclosure	1,194.87	53.31
		For 316 Stainless Steel, Add	*169.85*	
26 27 16 00-0321	EA	16" x 14" x 6", Clamp Cover, 304 Stainless Steel NEMA 4X Enclosure	1,439.23	67.23
		For 316 Stainless Steel, Add	*203.39*	

26 27 16 00-0322 Screw Cover, Polycarbonate NEMA 4X Enclosures *(26 27 16 00-0305)*

Note: NEMA 3R, 4, 4X and 12 rated.

26 27 16 00-0323	EA	6" x 6" x 4" Screw Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	146.41	25.50
26 27 16 00-0324	EA	8" x 6" x 4" Screw Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	165.26	27.81
26 27 16 00-0325	EA	8" x 8" x 4" Screw Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	188.82	32.46
26 27 16 00-0326	EA	10" x 8" x 4" Screw Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	205.50	34.77
26 27 16 00-0327	EA	12" x 10" x 4" Screw Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	237.74	39.41
26 27 16 00-0328	EA	10" x 8" x 6" Screw Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	222.52	39.41
26 27 16 00-0329	EA	12" x 10" x 6" Screw Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	260.14	44.04
26 27 16 00-0330	EA	14" x 12" x 6" Screw Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	326.90	53.31
26 27 16 00-0331	EA	16" x 14" x 8" Screw Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	415.32	73.02
26 27 16 00-0332	EA	18" x 16" x 10" Screw Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	529.60	105.12
26 27 16 00-0333	EA	6" x 6" x 4" Screw Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	158.39	25.50
26 27 16 00-0334	EA	8" x 6" x 4" Screw Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	179.41	27.81
26 27 16 00-0335	EA	8" x 8" x 4" Screw Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	204.05	32.46
26 27 16 00-0336	EA	10" x 8" x 4" Screw Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	223.98	34.77
26 27 16 00-0337	EA	12" x 10" x 4" Screw Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	257.32	39.41
26 27 16 00-0338	EA	10" x 8" x 6" Screw Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	241.02	39.41
26 27 16 00-0339	EA	12" x 10" x 6" Screw Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	285.23	44.04
26 27 16 00-0340	EA	14" x 12" x 6" Screw Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	339.95	53.31
26 27 16 00-0341	EA	16" x 14" x 8" Screw Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	442.52	73.02
26 27 16 00-0342	EA	18" x 16" x 10" Screw Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	558.95	105.12

26 27 16 00-0343 Hinged Cover, Polycarbonate NEMA 4X Enclosures *(26 27 16 00-0305)*

Note: NEMA 3R, 4, 4X and 12 rated.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 16 00-0344	EA	6" x 6" x 4" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	180.14	25.50
26 27 16 00-0345	EA	8" x 6" x 4" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	192.46	27.81
26 27 16 00-0346	EA	8" x 8" x 4" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	218.18	32.46
26 27 16 00-0347	EA	10" x 8" x 4" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	235.95	34.77
26 27 16 00-0348	EA	12" x 10" x 4" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	280.18	39.41
26 27 16 00-0349	EA	10" x 8" x 6" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	256.25	39.41
26 27 16 00-0350	EA	12" x 10" x 6" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	316.76	44.04
26 27 16 00-0351	EA	14" x 12" x 6" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	375.86	53.31
26 27 16 00-0352	EA	16" x 14" x 8" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	457.75	73.02
26 27 16 00-0353	EA	18" x 16" x 10" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	585.06	105.12
26 27 16 00-0354	EA	6" x 6" x 4" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	188.85	25.50
26 27 16 00-0355	EA	8" x 6" x 4" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	208.76	27.81
26 27 16 00-0356	EA	8" x 8" x 4" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	233.41	32.46
26 27 16 00-0357	EA	10" x 8" x 4" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	252.26	34.77
26 27 16 00-0358	EA	12" x 10" x 4" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	301.93	39.41
26 27 16 00-0359	EA	10" x 8" x 6" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	274.73	39.41
26 27 16 00-0360	EA	12" x 10" x 6" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	339.61	44.04
26 27 16 00-0361	EA	14" x 12" x 6" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	386.73	53.31
26 27 16 00-0362	EA	16" x 14" x 8" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	493.63	73.02
26 27 16 00-0363	EA	18" x 16" x 10" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	623.14	105.12

26 27 16 00-0364 NEMA 7/9 Enclosures, Lockable *(26 27 16)*

Note: Nominal inside dimensions.

26 27 16 00-0365 4" Depth, Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosures *(26 27 16 00-0364)*

26 27 16 00-0366	EA	6" x 6" x 4" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	1,401.56	130.39
		For Mounting Pan, Add	*60.39*	
26 27 16 00-0367	EA	6" x 8" x 4" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	1,112.77	139.08
		For Mounting Pan, Add	*112.52*	
26 27 16 00-0368	EA	8" x 10" x 4" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	2,190.97	156.47
		For Mounting Pan, Add	*155.16*	

26 27 16 00-0369 6" Depth, Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosures *(26 27 16 00-0364)*

26 27 16 00-0370	EA	8" x 8" x 6" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	1,945.91	156.47
		For Mounting Pan, Add	*78.90*	
26 27 16 00-0371	EA	8" x 10" x 6" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	2,541.32	160.81
		For Mounting Pan, Add	*155.16*	
26 27 16 00-0372	EA	8" x 12" x 6" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	2,599.18	173.85
		For Mounting Pan, Add	*118.69*	
26 27 16 00-0373	EA	10" x 10" x 6" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	2,668.07	173.85
		For Mounting Pan, Add	*138.87*	
26 27 16 00-0374	EA	10" x 14" x 6" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	3,776.17	217.32
		For Mounting Pan, Add	*182.18*	
26 27 16 00-0375	EA	12" x 12" x 6" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	3,561.00	195.59
		For Mounting Pan, Add	*113.75*	
26 27 16 00-0376	EA	12" x 18" x 6" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	3,681.87	217.32
		For Mounting Pan, Add	*170.21*	
26 27 16 00-0377	EA	12" x 24" x 6" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	5,679.85	391.17
		For Mounting Pan, Add	*228.99*	
26 27 16 00-0378	EA	14" x 14" x 6" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	4,516.59	260.78
		For Mounting Pan, Add	*222.96*	
26 27 16 00-0379	EA	16" x 16" x 6" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	5,914.82	434.63
		For Mounting Pan, Add	*204.69*	
26 27 16 00-0380	EA	18" x 18" x 6" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	7,100.83	434.63
		For Mounting Pan, Add	*332.76*	

26 27 16 00-0381 8" Depth, Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosures *(26 27 16 00-0364)*

26 27 16 00-0382	EA	8" x 12" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	3,034.52	195.59
		For Mounting Pan, Add	*118.69*	
26 27 16 00-0383	EA	10" x 10" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	3,055.93	195.59
		For Mounting Pan, Add	*138.87*	
26 27 16 00-0384	EA	10" x 14" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	3,463.63	195.59
		For Mounting Pan, Add	*182.18*	
26 27 16 00-0385	EA	12" x 12" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	3,838.09	217.32
		For Mounting Pan, Add	*113.75*	
26 27 16 00-0386	EA	12" x 18" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	5,569.42	391.17
		For Mounting Pan, Add	*170.21*	
26 27 16 00-0387	EA	12" x 24" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	6,776.97	478.11
		For Mounting Pan, Add	*228.99*	
26 27 16 00-0388	EA	12" x 36" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	10,668.21	565.03
		For Mounting Pan, Add	*344.38*	
26 27 16 00-0389	EA	14" x 14" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	6,096.06	478.11
		For Mounting Pan, Add	*222.96*	
26 27 16 00-0390	EA	16" x 16" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	6,263.84	478.11
		For Mounting Pan, Add	*204.69*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 16 00-0391	EA	16" x 24" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	9,357.82	521.57
		For Mounting Pan, Add	*306.82*	
26 27 16 00-0392	EA	18" x 18" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	7,722.82	478.11
		For Mounting Pan, Add	*332.76*	
26 27 16 00-0393	EA	18" x 24" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	10,331.59	521.57
		For Mounting Pan, Add	*486.60*	
26 27 16 00-0394	EA	18" x 30" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	10,260.36	521.57
		For Mounting Pan, Add	*648.70*	
26 27 16 00-0395	EA	18" x 36" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	15,944.90	695.42
		For Mounting Pan, Add	*810.75*	
26 27 16 00-0396	EA	24" x 24" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	12,130.66	565.03
		For Mounting Pan, Add	*753.86*	
26 27 16 00-0397	EA	24" x 36" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	21,998.55	869.28
		For Mounting Pan, Add	*1,032.02*	
26 27 16 00-0398		**10" Depth, Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosures** *(26 27 16 00-0364)*		
26 27 16 00-0399	EA	12" x 36" x 10" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	11,099.81	565.03
		For Mounting Pan, Add	*344.38*	
26 27 16 00-0400	EA	16" x 24" x 10" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	10,217.47	521.57
		For Mounting Pan, Add	*306.82*	
26 27 16 00-0401	EA	18" x 24" x 10" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	11,131.92	565.03
		For Mounting Pan, Add	*486.60*	
26 27 16 00-0402	EA	18" x 36" x 10" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	14,076.02	608.50
		For Mounting Pan, Add	*810.75*	
26 27 16 00-0403	EA	24" x 24" x 10" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	12,445.88	608.50
		For Mounting Pan, Add	*753.86*	
26 27 16 00-0404	EA	24" x 36" x 10" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	23,975.76	869.28
		For Mounting Pan, Add	*1,032.02*	
26 27 16 00-0405		**12" Depth, Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosures** *(26 27 16 00-0364)*		
26 27 16 00-0406	EA	12" x 24" x 12" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	6,930.90	478.11
		For Mounting Pan, Add	*228.99*	
26 27 16 00-0407		**Breaker Enclosures** *(26 27 16)*		
		See CSI section 26 24 16 00-0001 for lighting and power panel boards.		
26 27 16 00-0408		**15 To 100 Amperes, F-Frame Breaker Enclosures** *(26 27 16 00-0407)*		
26 27 16 00-0409	EA	NEMA 1, Painted Steel, 15 To 100 Amperes, F-Frame Breaker Enclosure	388.48	92.72
26 27 16 00-0410	EA	NEMA 3R, Painted Steel, 15 To 100 Amperes, F-Frame Breaker Enclosure	722.57	92.72
26 27 16 00-0411	EA	NEMA 3/3R/4/4X/5/12, Stainless Steel, 15 To 100 Amperes, F-Frame Breaker Enclosure	1,792.23	127.49
26 27 16 00-0412	EA	NEMA 7, Cast Aluminum, 15 To 100 Amperes, F-Frame Breaker Enclosure	2,433.11	139.08
26 27 16 00-0413	EA	NEMA 9, Cast Aluminum, 15 To 100 Amperes, F-Frame Breaker Enclosure	1,770.29	139.08
26 27 16 00-0414	EA	NEMA 12, Painted Steel, 15 To 100 Amperes, F-Frame Breaker Enclosure	614.87	127.49
26 27 16 00-0415		**15 To 250 Amperes, H Or J-Frame Breaker Enclosures** *(26 27 16 00-0407)*		
26 27 16 00-0416	EA	NEMA 1, Painted Steel, 15 To 250 Amperes, H Or J-Frame Breaker Enclosure	622.37	127.49
26 27 16 00-0417	EA	NEMA 3R, Painted Steel, 15 To 250 Amperes, H Or J-Frame Breaker Enclosure	1,157.37	127.49
26 27 16 00-0418	EA	NEMA 3/3R/4/4X/5/12, Stainless Steel, 15 To 250 Amperes, H Or J-Frame Breaker Enclosure	3,982.33	162.27
26 27 16 00-0419	EA	NEMA 12, Painted Steel, 15 To 250 Amperes, H Or J-Frame Breaker Enclosure	949.72	162.27
26 27 16 00-0420		**125 To 400 Amperes, L-Frame Breaker Enclosures** *(26 27 16 00-0407)*		
26 27 16 00-0421	EA	NEMA 1, Painted Steel, 125 To 400 Amperes, L-Frame Breaker Enclosure	968.66	254.99
26 27 16 00-0422	EA	NEMA 3R, Painted Steel, 125 To 400 Amperes, L-Frame Breaker Enclosure	2,287.93	254.99
26 27 16 00-0423	EA	NEMA 3/3R/4/4X/5/12, Stainless Steel, 125 To 400 Amperes, L-Frame Breaker Enclosure	6,743.32	324.53
26 27 16 00-0424	EA	NEMA 12, Painted Steel, 125 To 400 Amperes, L-Frame Breaker Enclosure	1,619.01	324.53
26 27 16 00-0425		**300 To 800 Amperes, M-Frame Breaker Enclosures** *(26 27 16 00-0407)*		
26 27 16 00-0426	EA	NEMA 1, Painted Steel, 300 To 800 Amperes, M-Frame Breaker Enclosure	1,898.58	486.80
26 27 16 00-0427	EA	NEMA 3R, Painted Steel, 300 To 800 Amperes, M-Frame Breaker Enclosure	3,292.96	486.80
26 27 16 00-0428	EA	NEMA 3/3R/4/4X/5/12, Stainless Steel, 300 To 800 Amperes, M-Frame Breaker Enclosure	12,128.43	625.88
26 27 16 00-0429	EA	NEMA 12, Painted Steel, 300 To 800 Amperes, M-Frame Breaker Enclosure	6,534.81	625.88
26 27 16 00-0430		**250 To 1,200 Amperes, P-Frame Breaker Enclosures** *(26 27 16 00-0407)*		
26 27 16 00-0431	EA	NEMA 1, Painted Steel, 250 To 1,200 Amperes, P-Frame Breaker Enclosure	2,327.21	486.80
26 27 16 00-0432	EA	NEMA 3R, Painted Steel, 250 To 1,200 Amperes, P-Frame Breaker Enclosure	3,970.81	486.80
26 27 16 00-0433	EA	NEMA 3R/5/12, Painted Steel, 250 To 1,200 Amperes, P-Frame Breaker Enclosure	8,232.13	625.88
26 27 16 00-0434		**Legend Plates** *(26 27 16)*		
26 27 16 00-0435	EA	3" Phenolic Plastic Cabinet Legend Plate Engraved With 1/2" Letters	22.05	5.79
26 27 16 00-0436	EA	3" Engraved Aluminum Cabinet Legend Plate Engraved With 1/2" Letters	29.01	5.79

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

26 27 19 Multi-Outlet Assemblies *(26 27)*

26 27 19 00-0001 Surface Metal Raceway, Preassembled With Outlets *(26 27 19)*

Note: Exposed installations on masonry, concrete block or drywall walls or ceilings. (Wiremold or approved equal).

26 27 19 00-0002	LF	Single Circuit, Plugmold #2000, 3' With Outlets 6" On Center	27.57	8.46
		For Concrete Or Masonry Surface, Add	*0.85*	
26 27 19 00-0003	LF	Single Circuit, Plugmold #2000, 6' With Outlets 6" On Center	21.34	6.02
		For Concrete Or Masonry Surface, Add	*0.61*	
26 27 19 00-0004	LF	Single Circuit, Plugmold #2000, 6' With Outlets 9" On Center	20.13	6.37
		For Concrete Or Masonry Surface, Add	*0.63*	
26 27 19 00-0005	LF	Single Circuit, Plugmold #2000, 6' With Outlets 12" On Center	22.13	6.02
		For Concrete Or Masonry Surface, Add	*0.61*	
26 27 19 00-0006	LF	Single Circuit, Plugmold #2000, 6' With Outlets 18" On Center	18.05	6.14
		For Concrete Or Masonry Surface, Add	*0.61*	
26 27 19 00-0007	LF	Two Circuits, Plugmold #2000, 6' With Outlets 9" On Center	24.73	6.02
		For Concrete Or Masonry Surface, Add	*0.61*	
26 27 19 00-0008	LF	Two Circuits, Plugmold #2000, 6' With Outlets 12" On Center	21.89	6.02
		For Concrete Or Masonry Surface, Add	*0.61*	
26 27 19 00-0009	LF	Two Circuits, Plugmold #2000, 6' With Outlets 18" On Center	23.60	6.02
		For Concrete Or Masonry Surface, Add	*0.61*	

26 27 23 Indoor Service Poles *(26 27)*

26 27 23 00-0001 Communication And Power Poles *(26 27 23)*

Note: Includes separate compartments for power and communication cable. Includes removable cover plates with knock-outs for modular jacks and openings to accept modular furniture adapters for communication devices. Includes all necessary mounting plates and assemblies. Excludes electrical and communications wire, power outlets and communication devices. Wiremold Tele-Power Pole series.

26 27 23 00-0002 Steel Communication And Power Poles *(26 27 23 00-0001)*

26 27 23 00-0003 2-1/4" Width, Steel Communication And Power Poles *(26 27 23 00-0002)*

26 27 23 00-0004 2-1/4" Width, Steel Communication And Power Poles *(26 27 23 00-0003)*

26 27 23 00-0005	EA	2-1/4" x 2-5/16", 10'-5" Height, Enamel Finish, Steel Communication And Power Pole	314.01	51.36
26 27 23 00-0006	EA	2-1/4" x 2-5/16", 12'-5" Height, Enamel Finish, Steel Communication And Power Pole	341.46	51.36
26 27 23 00-0007	EA	2-1/4" x 2-5/16", 15'-5" Height, Enamel Finish, Steel Communication And Power Pole	373.20	51.36

26 27 23 00-0008 Additional Cover Plates For 2-1/4" Width, Steel Communication And Power Poles *(26 27 23 00-0003)*

Note: Excludes receptacles, communication jacks and wiring.

26 27 23 00-0009	EA	Add-On 2-1/4" Width Steel Cover Plate For Two Duplex Receptacles And One Single Receptacle	64.28	10.59
26 27 23 00-0010	EA	Add-On 2-1/4" Width Steel Cover Plate For Three Duplex Receptacles	55.62	10.59
26 27 23 00-0011	EA	Add-On 2-1/4" Width Steel Cover Plate For Two Duplex Receptacles And One GFCI Receptacle	63.08	10.59
26 27 23 00-0012	EA	Add-On 2-1/4" Width Steel Cover Plate For Data And A/V Modular Devices	46.53	10.59
26 27 23 00-0013	EA	Add-On 2-1/4" Width Steel Cover Plate Radius Control Entrance End Fitting	38.18	10.59

26 27 23 00-0014 2-3/4" Width, Steel Communication And Power Poles *(26 27 23 00-0002)*

26 27 23 00-0015 2-3/4" Width, Steel Communication And Power Poles *(26 27 23 00-0014)*

26 27 23 00-0016	EA	2-3/4" x 1-17/32", 10'-5" Height, Enamel Finish, Steel Communication And Power Pole	408.14	51.36
26 27 23 00-0017	EA	2-3/4" x 1-17/32", 12'-5" Height, Enamel Finish, Steel Communication And Power Pole	467.13	51.36
26 27 23 00-0018	EA	2-3/4" x 1-17/32", 15'-5" Height, Enamel Finish, Steel Communication And Power Pole	498.97	51.36

26 27 23 00-0019 Additional Cover Plates For 2-3/4" Width, Steel Communication And Power Poles *(26 27 23 00-0014)*

Note: Excludes receptacles and communication jacks.

26 27 23 00-0020	EA	Add-On 2-3/4" Width Steel Cover Plate For One Single Receptacle	42.84	10.59
26 27 23 00-0021	EA	Add-On 2-3/4" Width Steel Cover Plate For One Duplex Receptacle	38.44	10.59
26 27 23 00-0022	EA	Add-On 2-3/4" Width Steel Cover Plate For Data And A/V Modular Devices	41.59	10.59

26 27 23 00-0023 3" Width, Steel Communication And Power Poles *(26 27 23 00-0002)*

26 27 23 00-0024 3" Width, Steel Communication And Power Poles *(26 27 23 00-0023)*

26 27 23 00-0025	EA	3" x 2-3/4", 10'-5" Height, Enamel Finish, Steel Communication And Power Pole	533.15	51.36
26 27 23 00-0026	EA	3" x 2-3/4", 12'-5" Height, Enamel Finish, Steel Communication And Power Pole	604.17	51.36
26 27 23 00-0027	EA	3" x 2-3/4", 15'-5" Height, Enamel Finish, Steel Communication And Power Pole	650.98	51.36

26 27 23 00-0028 Additional Cover Plates For 3" Width, Steel Communication And Power Poles *(26 27 23 00-0023)*

Note: Excludes receptacles and communication jacks.

26 27 23 00-0029	EA	Add-On 3" Width Steel Steel Cover Plate For One Single Receptacle	42.84	10.59
26 27 23 00-0030	EA	Add-On 3" Width Steel Cover Plate For One Duplex Receptacle	38.44	10.59
26 27 23 00-0031	EA	Add-On 3" Width Steel Cover Plate For Data And A/V Modular Devices	41.59	10.59

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 23 00-0032		Aluminum Communication And Power Poles *(26 27 23 00-0001)*		
26 27 23 00-0033		2-1/8" Width, Aluminum Communication And Power Poles *(26 27 23 00-0032)*		
26 27 23 00-0034		2-1/8" Width, Aluminum Communication And Power Poles *(26 27 23 00-0033)*		
26 27 23 00-0035	EA	2-1/8" x 2-3/8", 10'-5" Height, Satin Anodized Finish, Aluminum Communication And Power Pole	426.61	51.36
26 27 23 00-0036	EA	2-1/8" x 2-3/8", 12'-5" Height, Satin Anodized Finish, Aluminum Communication And Power Pole	476.26	51.36
26 27 23 00-0037	EA	2-1/8" x 2-3/8", 15'-5" Height, Satin Anodized Finish, Aluminum Communication And Power Pole	531.92	51.36
26 27 23 00-0038		Additional Cover Plates For 2-1/8" Width, Aluminum Communication And Power Poles *(26 27 23 00-0033)*		
26 27 23 00-0039	EA	Add-On 2-1/8" Width Aluminum Cover Plate For Two Duplex Receptacles And One Single Receptacle	65.98	10.59
26 27 23 00-0040	EA	Add-On 2-1/8" Width Aluminum Cover Plate For Three Duplex Receptacles	67.38	10.59
26 27 23 00-0041	EA	Add-On 2-1/8" Width Aluminum Cover Plate For Two Duplex Receptacles And One GFCI Receptacle	72.04	10.59
26 27 23 00-0042	EA	Add-On 2-1/8" Width Aluminum Cover Plate For Data And A/V Modular Devices	49.15	10.59
26 27 23 00-0043	EA	Add-On 2-1/8" Width Aluminum Radius Control Entrance End Fitting	38.18	10.59
26 27 23 00-0044		2-1/4" Width, Aluminum Communication And Power Poles *(26 27 23 00-0032)*		
26 27 23 00-0045	EA	2-1/4" x 2-5/16", 10'-2" Height, Satin Anodized Finish, Aluminum Communication And Power Pole	411.11	51.36
26 27 23 00-0046	EA	2-1/4" x 2-5/16", 12'-8" Height, Satin Anodized Finish, Aluminum Communication And Power Pole	462.03	51.36
26 27 23 00-0047	EA	2-1/4" x 2-5/16", 15'-2" Height, Satin Anodized Finish, Aluminum Communication And Power Pole	522.02	51.36
26 27 23 00-0048		5" Width, Aluminum Communication And Power Poles *(26 27 23 00-0032)*		
26 27 23 00-0049	EA	5" x 4-3/4", 10'-2" Height, Satin Anodized Finish, Aluminum Communication And Power Pole	864.67	51.36
26 27 23 00-0050	EA	5" x 4-3/4", 12'-8" Height, Satin Anodized Finish, Aluminum Communication And Power Pole	989.56	51.36
26 27 23 00-0051	EA	5" x 4-3/4", 15'-2" Height, Satin Anodized Finish, Aluminum Communication And Power Pole	1,129.43	51.36
26 27 23 00-0052		2" Diameter, Round Aluminum Communication And Power Pole *(26 27 23 00-0032)*		
26 27 23 00-0053	EA	2" Diameter, 10'-4" Height, Satin Anodized Finish, Aluminum Communication And Power Pole	468.02	51.36
26 27 23 00-0054	EA	2" Diameter, 10'-4" Height, Painted White Finish, Aluminum Communication And Power Pole	442.85	51.36
26 27 23 00-0055	EA	2" Diameter, 10'-4" Height, Polished Anodized Finish, Aluminum Communication And Power Pole	568.46	51.36
26 27 26		**Wiring Devices** *(26 27)* Note: Includes device, installation, wire connections, support clips (where necessary) and testing. Assemblies include outlet device, cover plate, mounting and appropriate box.		
26 27 26 00-0001		Receptacles *(26 27 26)*		
26 27 26 00-0002		General Use Receptacles *(26 27 26 00-0001)*		
26 27 26 00-0003		Receptacle Assemblies *(26 27 26 00-0002)* Note: Includes 4" square steel box, bracket, mud ring, receptacle and cover plate.		
26 27 26 00-0004	EA	15 Amperes, 1 Gang, NEMA 5-15, Duplex Receptacle Assembly	94.40	41.15
26 27 26 00-0005	EA	20 Amperes, 1 Gang, NEMA 5-20, Duplex Receptacle Assembly	101.24	44.04
26 27 26 00-0006	EA	15 Amperes, 2 Gang, NEMA 5-15, Duplex Receptacle Assembly	121.83	52.73
26 27 26 00-0007	EA	20 Amperes, 2 Gang, NEMA 5-20, Duplex Receptacle Assembly	135.51	58.54
26 27 26 00-0008	EA	15 Amperes, 1 Gang, GFI, Duplex Receptacle Assembly	108.54	41.15
26 27 26 00-0009	EA	20 Amperes, 1 Gang, GFI, Duplex Receptacle Assembly	116.12	44.04
26 27 26 00-0010		Receptacle Components *(26 27 26 00-0002)*		
26 27 26 00-0011	EA	15 Amperes, 125 Volt, 1 Phase, NEMA 5-15, Single Receptacle	27.04	11.59
26 27 26 00-0012	EA	15 Amperes, 125 Volt, 1 Phase, NEMA 5-15, Duplex Receptacle	26.21	11.59
26 27 26 00-0013	EA	15 Amperes, 120/277 Volt, 3 Wire, Single Receptacle	31.07	11.59
26 27 26 00-0014	EA	15 Amperes, 120/277 Volt, 3 Wire, Duplex Receptacle	33.89	11.59
26 27 26 00-0015	EA	15 Amperes, 250 Volt, 1 Phase, NEMA 6-15, Single Receptacle	43.27	14.48
26 27 26 00-0016	EA	15 Amperes, 250 Volt, 1 Phase, NEMA 6-15, Duplex Receptacle	52.50	14.48
26 27 26 00-0017	EA	20 Amperes, 125 Volt, 1 Phase, NEMA 5-20, Single Receptacle	28.12	11.59
26 27 26 00-0018	EA	20 Amperes, 125 Volt, 1 Phase, NEMA 5-20, Duplex Receptacle	27.26	11.59
26 27 26 00-0019	EA	20 Amperes, 120/277 Volt, Single Receptacle	39.93	11.59
26 27 26 00-0020	EA	20 Amperes, 120/277 Volt, Duplex Receptacle	33.00	11.59
26 27 26 00-0021	EA	20 Amperes, 250 Volt, 1 Phase, NEMA 6-20, Single Receptacle	43.27	14.48
26 27 26 00-0022	EA	20 Amperes, 250 Volt, 1 Phase, NEMA 6-20, Duplex Receptacle	52.50	14.48
26 27 26 00-0023	EA	20 Amperes, 125/250 Volt, 1 Phase, NEMA 14-20, Single Receptacle	82.13	14.48
26 27 26 00-0024	EA	20 Amperes, 250 Volt, 3 Phase, NEMA 15-20, Single Receptacle	82.13	14.48
26 27 26 00-0025	EA	25 Amperes, 120/277 Volt, Duplex Receptacle	68.91	17.39
26 27 26 00-0026		Specialty Receptacles *(26 27 26 00-0001)*		
26 27 26 00-0027		Specialty Receptacles *(26 27 26 00-0026)*		
26 27 26 00-0028	EA	30 Amperes, 125 Volt, 1 Phase, NEMA 5-30, Single Receptacle	61.52	20.29
26 27 26 00-0029	EA	30 Amperes, 250 Volt, 1 Phase, NEMA 6-30, Single Receptacle	61.52	20.29
26 27 26 00-0030	EA	30 Amperes, 125/250 Volt, NEMA 10-30, Single Receptacles	82.39	20.29
26 27 26 00-0031	EA	30 Amperes, 125/250 Volt, 1 Phase, NEMA 14-30, Single Receptacle	93.71	20.29

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 26 00-0032	EA	30 Amperes, 250 Volt, 3 Phase, NEMA 15-30, Single Receptacle	99.51	23.18
26 27 26 00-0033	EA	50 Amperes, 125 Volt, 1 Phase, NEMA 5-50, Single Receptacle	91.83	23.18
26 27 26 00-0034	EA	50 Amperes, 250 Volt, 1 Phase, NEMA 6-50, Single Receptacle	89.67	23.18
26 27 26 00-0035	EA	50 Amperes, 277 Volt, NEMA 7-50, Single Receptacle	78.51	23.18
26 27 26 00-0036	EA	50 Amperes, 125/250 Volt, NEMA 10-50, Single Receptacle	99.93	23.18
26 27 26 00-0037	EA	50 Amperes, 125/250 Volt, 1 Phase, NEMA 14-50, Single Receptacle	111.32	23.18
26 27 26 00-0038	EA	50 Amperes, 250 Volt, 3 Phase, NEMA 15-50, Single Receptacle	117.12	26.08
26 27 26 00-0039	EA	60 Amperes, 125/250 Volt, 1 Phase, NEMA 14-60, Single Receptacle	128.82	28.98
26 27 26 00-0040	EA	60 Amperes, 250 Volt, 3 Phase, NEMA 15-60, Single Receptacle	140.41	34.77
26 27 26 00-0041	EA	100 Amperes, 480 Volt, 3 Phase, Joy Receptacle With Box, Complete	1,333.42	272.37
26 27 26 00-0042	EA	400 Amperes, 4 Pole Weatherproof Generator Receptacle With Box, Complete	3,278.96	333.22
26 27 26 00-0043	EA	30 Amperes, 230 Volt, Dryer Receptacle	73.47	23.18
26 27 26 00-0044	EA	60 Amperes, 230 Volt, Range Receptacle	107.51	34.77
26 27 26 00-0045	EA	15 Or 20 Amperes, 120/277 Volt, Clock Hanger Receptacle	69.34	14.48
26 27 26 00-0046	EA	Cable Reel With 20 Amperes, 120 Volt Receptacle, Complete	1,396.11	352.93
26 27 26 00-0047		**Isolated Ground Receptacles** *(26 27 26 00-0026)*		
26 27 26 00-0048	EA	15 Amperes, 125 Volt, NEMA 5-15R Isolated Ground Receptacle, Simplex Note: 2 Pole, 3 wire.	93.15	11.59
26 27 26 00-0049	EA	20 Amperes, 120 Volt Isolated Ground Receptacles, Simplex	58.82	14.48
26 27 26 00-0050	EA	20 Amperes, 120 Volt Isolated Ground Receptacles, Duplex	58.61	14.48
26 27 26 00-0051	EA	30 Amperes, 120 Volt Isolated Ground Receptacles, Simplex	81.32	23.18
26 27 26 00-0052	EA	Locking 15 Amperes, 250 Volt Isolated Ground Receptacles	65.93	14.48
26 27 26 00-0053	EA	Locking 15 Amperes, 277 Volt Isolated Ground Receptacles	60.40	14.48
26 27 26 00-0054	EA	Locking 20 Amperes, 120/208 Volt Isolated Ground Receptacles	83.49	17.39
26 27 26 00-0055	EA	Locking 20 Amperes, 277/480 Volt Isolated Ground Receptacles	66.27	17.39
26 27 26 00-0056	EA	Locking 20 Amperes, 347/600 Volt Isolated Ground Receptacles	85.54	17.39
26 27 26 00-0057	EA	Locking 30 Amperes, 120/208 Volt Isolated Ground Receptacles	104.32	17.39
26 27 26 00-0058	EA	Locking 30 Amperes, 277 Volt Isolated Ground Receptacles	102.66	23.18
26 27 26 00-0059		**Explosion Proof Receptacles** *(26 27 26 00-0026)*		
26 27 26 00-0060	EA	1/2", 20 Amperes, 2 Watt, 3 Pole, Type CPS Explosion Proof Receptacle Assembly	954.09	28.98
26 27 26 00-0061	EA	3/4", 20 Amperes, 2 Watt, 3 Pole, Type CPS Explosion Proof Receptacle Assembly	877.91	31.87
26 27 26 00-0062	EA	3/4", 30 Amperes, 2 Watt, 3 Pole, Type CES/CESD Explosion Proof Receptacle Assembly	1,458.48	57.95
26 27 26 00-0063	EA	3/4", 30 Amperes, 3 Watt, 4 Pole, Type CES/CESD Explosion Proof Receptacle Assembly	1,840.59	57.95
26 27 26 00-0064	EA	1-1/4", 60 Amperes, 2 Watt, 4 Pole, Type CES/CESD Explosion Proof Receptacle Assembly	2,325.95	86.93
26 27 26 00-0065	EA	1-1/4", 60 Amperes, 3 Watt, 4 Pole, Type CES/CESD Explosion Proof Receptacle Assembly	2,215.33	86.93
26 27 26 00-0066		**Ground Fault Circuit Interrupter (GFCI)** *(26 27 26 00-0026)*		
26 27 26 00-0067	EA	15 Amperes, Ground Fault Circuit Interrupter (GFCI), Duplex Receptacle	37.46	14.48
26 27 26 00-0068	EA	20 Amperes, Ground Fault Circuit Interrupter (GFCI), Duplex Receptacle	53.73	17.39
26 27 26 00-0069		**Arc Fault Circuit Interrupter (AFCI)** *(26 27 26 00-0026)*		
26 27 26 00-0070	EA	15 Amperes, 125 Volt Duplex Arc Fault Circuit Interrupter (AFCI), Tamper Resistant Receptacle	68.30	14.48
26 27 26 00-0071	EA	20 Amperes, 125 Volt Duplex Arc Fault Circuit Interrupter (AFCI), Tamper Resistant Receptacle	75.15	14.48
26 27 26 00-0072		**Locking Receptacle** *(26 27 26 00-0026)*		
26 27 26 00-0073	EA	NEMA L5-15, 125 Volt, 2 Pole, 15 Amperes, Locking Receptacle	55.25	14.48
26 27 26 00-0074	EA	NEMA L6-15, 250 Volt, 2 Pole, 15 Amperes, Locking Receptacle	68.89	14.48
26 27 26 00-0075	EA	NEMA L5-20, 125 Volt, 2 Pole, 20 Amperes, Locking Receptacle	60.89	17.39
26 27 26 00-0076	EA	NEMA L6-20, 250 Volt, 2 Pole, 20 Amperes, Locking Receptacle	60.28	17.39
26 27 26 00-0077	EA	NEMA L8-20, 480 Volt, 2 Pole, 20 Amperes, Locking Receptacle	72.28	17.39
26 27 26 00-0078	EA	NEMA L9-20, 600 Volt, 2 Pole, 20 Amperes, Locking Receptacle	87.78	17.39
26 27 26 00-0079	EA	NEMA L10-20, 125/250 Volt, 3 Pole, 20 Amperes, Locking Receptacle	86.07	17.39
26 27 26 00-0080	EA	NEMA L14-20, 125/250 Volt, 3 Pole, 20 Amperes, Locking Receptacle	74.73	17.39
26 27 26 00-0081	EA	NEMA L5-30, 125 Volt, 2 Pole, 30 Amperes, Locking Receptacle	84.28	23.18
26 27 26 00-0082	EA	NEMA L6-30, 250 Volt, 2 Pole, 30 Amperes, Locking, Receptacle	85.72	23.18
26 27 26 00-0083	EA	NEMA L15-30, 250 Volt, 3 Pole, 30 Amperes, Locking Receptacle	110.27	23.18
26 27 26 00-0084		**Weathertight Pin And Sleeve Receptacle** *(26 27 26 00-0026)*		
26 27 26 00-0085	EA	20 Amperes, 2 Pole, 3 Wire, 125 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 320R4W)	269.73	57.95
26 27 26 00-0086	EA	20 Amperes, 2 Pole, 3 Wire, 250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 320R6W)	269.10	57.95
26 27 26 00-0087	EA	20 Amperes, 2 Pole, 3 Wire, 480 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 320R7W)	281.09	57.95
26 27 26 00-0088	EA	20 Amperes, 3 Pole, 4 Wire, 125/250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 420R12W)	343.55	63.75
26 27 26 00-0089	EA	20 Amperes, 3 Pole, 4 Wire, 250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 420R9W)	344.55	63.75
26 27 26 00-0090	EA	20 Amperes, 3 Pole, 4 Wire, 480 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 420R7W)	342.24	63.75
26 27 26 00-0091	EA	30 Amperes, 2 Pole, 3 Wire, 125 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 330R4W)	410.67	71.28
26 27 26 00-0092	EA	30 Amperes, 2 Pole, 3 Wire, 250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 330R6W)	391.15	71.28
26 27 26 00-0093	EA	30 Amperes, 2 Pole, 3 Wire, 480 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 330R7W)	421.70	71.28
26 27 26 00-0094	EA	30 Amperes, 3 Pole, 4 Wire, 125/250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 430R12W)	425.40	78.23
26 27 26 00-0095	EA	30 Amperes, 3 Pole, 4 Wire, 250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 430R9W)	425.02	78.23
26 27 26 00-0096	EA	30 Amperes, 3 Pole, 4 Wire, 480 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 430R7W)	427.78	78.23
26 27 26 00-0097	EA	60 Amperes, 2 Pole, 3 Wire, 125 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 360R4W)	600.01	92.72
26 27 26 00-0098	EA	60 Amperes, 2 Pole, 3 Wire, 250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 360R6W)	576.38	92.72

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 26 00-0099	EA	60 Amperes, 2 Pole, 3 Wire, 480 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 360R7W)	591.76	92.72
26 27 26 00-0100	EA	60 Amperes, 3 Pole, 4 Wire, 125/250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 460R12W)	659.01	103.16
26 27 26 00-0101	EA	60 Amperes, 3 Pole, 4 Wire, 250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 460R9W)	659.46	103.16
26 27 26 00-0102	EA	60 Amperes, 3 Pole, 4 Wire, 480 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 460R7W)	659.92	103.16
26 27 26 00-0103	EA	100 Amperes, 2 Pole, 3 Wire, 250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 3100R6W)	733.40	115.91
26 27 26 00-0104	EA	100 Amperes, 2 Pole, 3 Wire, 480 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 3100R7W)	763.69	115.91
26 27 26 00-0105	EA	100 Amperes, 3 Pole, 4 Wire, 125/250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 4100R12W)	821.37	127.49
26 27 26 00-0106	EA	100 Amperes, 3 Pole, 4 Wire, 250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 4100R9W)	819.10	127.49
26 27 26 00-0107	EA	100 Amperes, 3 Pole, 4 Wire, 480 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 4100R7W)	823.37	127.49
26 27 26 00-0108		**Corrosion Resistant Receptacle** *(26 27 26 00-0026)*		
26 27 26 00-0109	EA	15/20 Amperes, 125 Volt Corrosion Resistant, Power Receptacles	72.47	11.59
26 27 26 00-0110	EA	15/20 Amperes, 250 Volt Corrosion Resistant, Power Receptacles	145.46	14.48
26 27 26 00-0111		**Tamper Resistant Receptacle** *(26 27 26 00-0026)*		
26 27 26 00-0112	EA	15 Amperes, 125 Volt Duplex Tamper Resistant Receptacle Note: Pass & Seymour 3232-TR.	29.03	11.59
26 27 26 00-0113	EA	20 Amperes, 125 Volt Duplex Tamper Resistant Receptacle Note: Pass & Seymour TR20.	32.05	11.59
26 27 26 00-0114	EA	15 Amperes, 125 Volt Single Specification Grade Tamper Resistant Receptacle Note: Pass & Seymour TR5251.	40.69	11.59
26 27 26 00-0115	EA	20 Amperes, 125 Volt Single Specification Grade Tamper Resistant Receptacle Note: Pass & Seymour TR5351.	44.75	11.59
26 27 26 00-0116	EA	15 Amperes, 125 Volt Duplex Ground Fault Circuit Interrupter (GFCI), Tamper Resistant Receptacle Note: Pass & Seymour S1595-TR*CC8.	69.11	11.59
26 27 26 00-0117	EA	15 Amperes, 125 Volt Duplex Ground Fault Circuit Interrupter (GFCI), Specification Grade Tamper Resistant Receptacle Note: Pass & Seymour 1595-TRS.	74.91	11.59
26 27 26 00-0118	EA	20 Amperes, 125 Volt Duplex Ground Fault Circuit Interrupter (GFCI), Specification Grade Tamper Resistant Receptacle Note: Pass & Seymour 2095-TRS.	80.45	11.59
26 27 26 00-0119		**USB Charger/Duplex Tamper-Resistant Receptacles** *(26 27 26 00-0026)*		
26 27 26 00-0120	EA	15 Amperes, 125 Volt Duplex USB Charger/Duplex Tamper-Resistant Receptacle	71.23	11.59
26 27 26 00-0121	EA	20 Amperes, 125 Volt Duplex USB Charger/Duplex Tamper-Resistant Receptacle	77.23	11.59
26 27 26 00-0122		**Television Receptacle** *(26 27 26 00-0001)*		
26 27 26 00-0123	EA	TV Receptacle With Cover (Type F), Complete	74.52	26.89
26 27 26 00-0124		**Switches** *(26 27 26)*		
26 27 26 00-0125		**Switches** *(26 27 26 00-0124)*		
26 27 26 00-0126		**Switch Assemblies** *(26 27 26 00-0125)* Note: Includes 4" square steel box, bracket, mud ring, switch and cover plate.		
26 27 26 00-0127	EA	1 Gang, 15 Amperes, 120/277 Volt, SPST, Switch Assembly	97.79	40.56
26 27 26 00-0128	EA	1 Gang, 20 Amperes, 120/277 Volt, SPST, Switch Assembly	105.25	44.04
26 27 26 00-0129	EA	2 Gang, 15 Amperes, 120/277 Volt, SPST, Switch Assembly	131.51	53.02
26 27 26 00-0130	EA	2 Gang, 20 Amperes, 120/277 Volt, SPST, Switch Assembly	144.11	58.83
26 27 26 00-0131	EA	3 Gang, 15 Amperes, 120/277 Volt, SPST, Switch Assembly	224.81	90.98
26 27 26 00-0132	EA	3 Gang, 20 Amperes, 120/277 Volt, SPST, Switch Assembly	243.72	99.68
26 27 26 00-0133	EA	4 Gang, 15 Amperes, 120/277 Volt, SPST, Switch Assembly	258.74	102.87
26 27 26 00-0134	EA	4 Gang, 20 Amperes, 120/277 Volt, SPST, Switch Assembly	283.96	114.45
26 27 26 00-0135		**Switch Components** *(26 27 26 00-0125)*		
26 27 26 00-0136	EA	15 Amperes, 120/277 Volt, SPST Switch	30.76	11.59
26 27 26 00-0137	EA	15 Amperes, 120/277 Volt, 3-Way Switch	38.94	14.48
26 27 26 00-0138	EA	15 Amperes, 120/277 Volt, 4-Way Switch	75.26	23.18
26 27 26 00-0139	EA	15 Amperes, 120/277 Volt, DPST Switch	35.17	11.59
26 27 26 00-0140	EA	15 Amperes, 120/277 Volt, Thermal Switch	66.66	14.48
26 27 26 00-0141	EA	20 Amperes, 120/277 Volt, SPST Switch	37.07	14.48
26 27 26 00-0142	EA	20 Amperes, 120/277 Volt, 3-Way Switch	45.83	17.39
26 27 26 00-0143	EA	20 Amperes, 120/277 Volt, 4-Way Switch	101.48	23.18
26 27 26 00-0144	EA	20 Amperes, 120/277 Volt, DPST Switch	44.14	14.48
26 27 26 00-0145	EA	20 Amperes, 120/277 Volt, DPDT Switch	47.27	14.48
26 27 26 00-0146	EA	15 Amperes, 120/277 Volt, Single Pole, Toggle, Three Position, Center Off, Momentary Contact Switch	86.37	14.51
26 27 26 00-0147	EA	15 Amperes, 120/277 Volt, Key Operated, Single Pole, Three Position, Center Off, Momentary Contact Switch	109.31	14.51
26 27 26 00-0148	EA	Momentary Contact Switch With Separate Neon Pilot Note: Neon Pilot is 125 V, 1 / 125W.	82.72	17.42
26 27 26 00-0149	EA	20 Amperes, 125 Volt AC, Single Pole, Maintained Contact Switch With Center Off Note: Or 250 VAC 10 Amp, double throw BAT handle.	56.26	20.29
26 27 26 00-0150	EA	20 Amperes, 125 Volt AC, Double Pole, Maintained Contact Switch Note: Or 250 VAC 10 Amp, with center off double throw BAT handle.	69.23	23.18
26 27 26 00-0151	EA	20 Amperes, 125 Volt AC, Three Pole, Maintained Contact Switch Note: Or 250 VAC 10 Amp, with center off double throw BAT handle.	101.55	23.18
26 27 26 00-0152	EA	30 Amperes, 120/277 Volt, Single Pole, Local Switch	85.82	23.22

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26 27 26 00-0153	EA	30 Amperes, 120/277 Volt, Double Pole, Local Switch	106.43	23.22
26 27 26 00-0154	EA	30 Amperes, 120/277 Volt, Three-Way Local Switch	110.74	29.03
26 27 26 00-0155	EA	30 Amperes, 120/277 Volt, Four-Way Local Switch	155.62	31.93
26 27 26 00-0156	EA	15 Amperes, 120/277 Volt, Local Switch With Neon Pilot	71.85	18.99
26 27 26 00-0157	EA	15 Amperes, 120/277 Volt, Local Switch With Separate Neon Pilot Note: Neon pilot is 125V, 1/25W. Requires 2 gang installation.	103.26	18.99
26 27 26 00-0158	EA	15 Amperes, 120 Volt, Clear Toggle, Lighted In On Position, Single Pole, Lighted Toggle Switch	89.72	18.99
26 27 26 00-0159	EA	15 Amperes, 120 Volt, Ivory Toggle, Lighted In Off Position, Lighted Toggle Switch	85.06	18.99
26 27 26 00-0160	EA	6 Amperes, 125 Volt, Door Open-Light On, Automatic Door Switch	96.87	9.41
26 27 26 00-0161	EA	6 Amperes, 125 Volt, Door Closed-Light On, Automatic Door Switch	103.19	9.41
26 27 26 00-0162	EA	15 Amperes, 120/277 Volt, Three Position, Center Off, Toggle, Single Pole Momentary Contact Switch	108.09	36.23
26 27 26 00-0163	EA	Three Position, Center Off, Key Operated, Momentary Contact Switch Note: 15A, 120/277 V, Single Pole	131.03	36.23
26 27 26 00-0164	EA	Single Pole, Slide Dimmer (Leviton IP710-LFZ)	158.50	11.61
26 27 26 00-0165	EA	8 Amperes, 120/277 Volt, 0 To 10 Volt Dimmer LED Control Switch, White (Lutron DVSTV-WH)	74.48	11.61
26 27 26 00-0166	EA	120/277 Volt, (8 Amperes Lighting/3 Amperes Fan), Wireless Dimming Switch (Lutron MRF2-8S-DV-WH)	269.76	11.59
26 27 26 00-0167	EA	120 Volt, Companion Wireless Dimmer Switch (Lutron MA-AS-WH)	47.38	11.59
26 27 26 00-0168	EA	1200VA 0-10V LED And Fluorescent, Sunrise Electronic Wall Dimmer (Philips SR1200ZTUNV)	79.23	11.61
26 27 26 00-0169	EA	1 Zone, 2 Button Wireless Scheduling Switch (LG 9SSA2B1T520.ALWB000)	90.57	11.61
26 27 26 00-0170	EA	2 Zone, 4 Button Wireless Scheduling Switch (LG 9SSA2B2T520.ALWB000)	115.32	11.61
26 27 26 00-0171	EA	Wireless Single Rocker Remote Switch (Leviton WSS0S-S9)	163.29	11.61
26 27 26 00-0172		**Specialty Switches** *(26 27 26 00-0124)*		
26 27 26 00-0173		**Dimmers With SPST Switch** *(26 27 26 00-0172)*		
26 27 26 00-0174	EA	600 Watt Dimmers With SPST Switch	68.53	26.08
26 27 26 00-0175	EA	1,000 Watt Dimmers With SPST Switch	119.66	26.08
26 27 26 00-0176	EA	1,500 Watt Dimmers With SPST Switch	215.97	41.96
26 27 26 00-0177	EA	2,000 Watt Dimmers With SPST Switch	281.21	41.96
26 27 26 00-0178	EA	600 Watt Fluorescent Dimmer Switch	155.88	30.94
26 27 26 00-0179	EA	1,000 Watt Fluorescent Dimmer Switch	212.01	30.94
26 27 26 00-0180	EA	1,500 Watt Fluorescent Dimmer Switch	384.61	46.71
26 27 26 00-0181	EA	Remote Speed Switch For Paddle Fan	113.32	38.60
26 27 26 00-0182	EA	600 Watt Combination Remote Speed Switch/Incandescent Dimmer	187.46	57.60
26 27 26 00-0183		**Time Switches** *(26 27 26 00-0172)*		
26 27 26 00-0184	EA	40 Amperes, 125 Volt, SPST, Standard Time Switch	128.60	34.77
26 27 26 00-0185	EA	40 Amperes, 277 Volt, SPST, Standard Time Switch	131.55	34.77
26 27 26 00-0186	EA	40 Amperes, 125 Volt, DPST, Standard Time Switch	128.60	34.77
26 27 26 00-0187	EA	40 Amperes, 277 Volt, DPST, Standard Time Switch	131.55	34.77
26 27 26 00-0188	EA	40 Amperes, 125 Volt, SPST, 7-Day Time Switch	148.28	34.77
26 27 26 00-0189	EA	40 Amperes, 277 Volt, SPST, 7-Day Time Switch	148.28	34.77
26 27 26 00-0190	EA	40 Amperes, 125 Volt, DPDT, 7-Day Time Switch	264.43	34.77
26 27 26 00-0191	EA	40 Amperes, 277 Volt, DPDT, 7-Day Time Switch	264.43	34.77
26 27 26 00-0192	EA	20 Amperes, 125 Volt, SPST, Programmable Time Switch	227.16	34.77
26 27 26 00-0193	EA	20 Amperes, 277 Volt, SPST, Programmable Time Switch	249.92	34.77
26 27 26 00-0194	EA	20 Amperes, 277 Volt, SPST, Weatherproof Programmable Time Switch	249.92	34.77
26 27 26 00-0195	EA	40 Amperes, 125 Volt, 4PST, Astro Dial Time Switch	303.70	34.77
26 27 26 00-0196	EA	40 Amperes, 277 Volt, 4PST, Astro Dial Time Switch	312.75	34.77
26 27 26 00-0197	EA	40 Amperes, 125 Volt, SPST, Weatherproof Standard Time Switch	128.60	34.77
26 27 26 00-0198	EA	40 Amperes, 277 Volt, SPST, Weatherproof Standard Time Switch	131.55	34.77
26 27 26 00-0199	EA	40 Amperes, 125 Volt, DPST, Weatherproof Standard Time Switch	128.60	34.77
26 27 26 00-0200	EA	40 Amperes, 277 Volt, DPST, Weatherproof Standard Time Switch	131.55	34.77
26 27 26 00-0201	EA	40 Amperes, 125 Volt, SPST, Weatherproof 7-Day Time Switch	148.28	34.77
26 27 26 00-0202	EA	40 Amperes, 277 Volt, SPST, Weatherproof 7-Day Time Switch	148.28	34.77
26 27 26 00-0203	EA	40 Amperes, 125 Volt, DPDT, Weatherproof 7-Day Time Switch	264.43	34.77
26 27 26 00-0204	EA	40 Amperes, 277 Volt, DPDT, Weatherproof 7-Day Time Switch	264.43	34.77
26 27 26 00-0205	EA	40 Amperes, 125 Volt, 4PST, Weatherproof Astro Dial Time Switch	303.70	34.77
26 27 26 00-0206	EA	40 Amperes, 277 Volt, 4PST, Weatherproof Astro Dial Time Switch	312.75	34.77
26 27 26 00-0207		**Low Voltage Switching** *(26 27 26 00-0172)*		
26 27 26 00-0208	EA	36 Pin Male Or Female Connector	214.11	11.59
26 27 26 00-0209		**Other Switches** *(26 27 26 00-0172)*		
26 27 26 00-0210	EA	Pull Chain Switch 120/277 Volt AC Installed In Light Fixture	38.42	17.39
26 27 26 00-0211	EA	SPST Locking Switch For Concealed Devices	118.09	46.36
26 27 26 00-0212	EA	3-Way Locking Switch For Concealed Devices	119.69	46.36
26 27 26 00-0213	EA	Emergency Off Switch, With 1 Non-Closing Contact, Circular, Red, With Guard	131.68	43.35
26 27 26 00-0214	EA	15 Amperes Momentary Contact Switch	125.23	43.35
26 27 26 00-0215	EA	20 Amperes Momentary Contact Switch	132.02	43.35
26 27 26 00-0216	EA	2-1/4" Handy Box Cover Units Fuseholder Switch	123.42	52.25
26 27 26 00-0217	EA	2-3/4" Handy Box Cover Units Fuseholder Switch	125.32	52.25
26 27 26 00-0218	EA	4" Square Box Cover Units With 2 Fuseholders And 2 Switches	154.22	63.86
26 27 26 00-0219	EA	4" Square Box Cover Units With 1 Fuseholder And 1 Switch	140.25	58.05
26 27 26 00-0220	EA	4" Octagon Box Cover Units With 1 Fuseholder And 1 Switch	140.72	58.05

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 26 00-0221		**Plates And Covers** *(26 27 26)*		
26 27 26 00-0222		**Wall Plates** *(26 27 26 00-0221)*		
26 27 26 00-0223		**Nylon Wall Plates** *(26 27 26 00-0222)*		
26 27 26 00-0224	EA	1 Gang Nylon Switch Wall Plates	1.91	0.58
26 27 26 00-0225	EA	2 Gang Nylon Switch Wall Plates	3.24	0.87
26 27 26 00-0226	EA	3 Gang Nylon Switch Wall Plates	4.63	1.16
26 27 26 00-0227	EA	4 Gang Nylon Switch Wall Plate	6.72	1.46
26 27 26 00-0228	EA	1 Gang Duplex Nylon Wall Plate	1.93	0.58
26 27 26 00-0229	EA	2 Gang Duplex Nylon Wall Plate	3.33	0.87
26 27 26 00-0230		**Plastic Wall Plates** *(26 27 26 00-0222)*		
26 27 26 00-0231	EA	1 Gang Plastic Switch Wall Plates	1.76	0.58
26 27 26 00-0232	EA	2 Gang Plastic Switch Wall Plates	2.95	0.87
26 27 26 00-0233	EA	3 Gang Plastic Switch Wall Plates	4.15	1.16
26 27 26 00-0234	EA	4 Gang Plastic Switch Wall Plates	6.72	1.46
26 27 26 00-0235	EA	1 Gang Duplex Plastic Wall Plate	1.76	0.58
26 27 26 00-0236	EA	2 Gang Duplex Plastic Wall Plate	2.96	0.87
26 27 26 00-0237		**Brass Wall Plates** *(26 27 26 00-0222)*		
26 27 26 00-0238	EA	1 Gang, 0.04" Brass Switch Wall Plates	19.36	2.61
26 27 26 00-0239	EA	2 Gang, 0.04" Brass Switch Wall Plates	36.73	3.02
26 27 26 00-0240	EA	3 Gang, 0.04" Brass Switch Wall Plates	53.99	3.36
26 27 26 00-0241	EA	4 Gang, 0.04" Brass Switch Wall Plates	84.35	3.65
26 27 26 00-0242	EA	5 Gang, 0.04" Brass Switch Wall Plates	102.88	3.89
26 27 26 00-0243	EA	6 Gang, 0.04" Brass Switch Wall Plates	119.17	4.07
26 27 26 00-0244	EA	1 Gang, 0.04" Brass Duplex Receptacle Wall Plate	19.36	2.61
26 27 26 00-0245	EA	2 Gang, 0.04" Brass Duplex Receptacle Wall Plate	43.17	3.02
26 27 26 00-0246	EA	3 Gang 0.04" Brass Duplex Receptacle Wall Plate	62.47	3.36
26 27 26 00-0247		**Stainless Steel Wall Plates** *(26 27 26 00-0222)*		
26 27 26 00-0248	EA	1 Gang, 302 Stainless Steel With Satin Finish Switch Wall Plates	10.07	2.61
26 27 26 00-0249	EA	2 Gang, 302 Stainless Steel With Satin Finish Switch Wall Plates	16.41	3.02
26 27 26 00-0250	EA	3 Gang, 302 Stainless Steel With Satin Finish Switch Wall Plates	23.14	3.36
26 27 26 00-0251	EA	4 Gang, 302 Stainless Steel With Satin Finish Switch Wall Plates	34.24	3.65
26 27 26 00-0252	EA	5 Gang, 302 Stainless Steel With Satin Finish Switch Wall Plates	40.43	3.89
26 27 26 00-0253	EA	6 Gang, 302 Stainless Steel With Satin Finish Switch Wall Plates	49.05	4.07
26 27 26 00-0254	EA	1 Gang, 302 Stainless Steel With Satin Finish Duplex Receptacle Wall Plate	11.09	2.61
26 27 26 00-0255	EA	2 Gang, 302 Stainless Steel With Satin Finish Duplex Receptacle Wall Plate	18.82	3.02
26 27 26 00-0256	EA	3 Gang, 302 Stainless Steel With Satin Finish Duplex Receptacle Wall Plate	31.12	3.36
26 27 26 00-0257	EA	4 Gang, 302 Stainless Steel With Satin Finish Duplex Receptacle Wall Plate	37.70	3.65
26 27 26 00-0258		**Chrome Wall Plates** *(26 27 26 00-0222)*		
26 27 26 00-0259	EA	1 Gang, 0.040" Chrome Switch Wall Plate	39.38	2.61
26 27 26 00-0260	EA	2 Gang 0.040" Chrome Switch Wall Plate	74.22	3.02
26 27 26 00-0261	EA	3 Gang 0.040" Chrome Switch Wall Plate	109.06	3.36
26 27 26 00-0262	EA	1 Gang 0.040" Chrome Duplex Receptacle Wall Plate	39.35	2.61
26 27 26 00-0263		**Weatherproof Covers** *(26 27 26 00-0221)*		
26 27 26 00-0264		**Stamped Metallic Weatherproof Covers** *(26 27 26 00-0263)*		
		Note: Includes electrostatically applied powder coating and neoprene gasket.		
26 27 26 00-0265	EA	Blank Cover, Single Gang, Stamped Metallic Weatherproof Cover (Killark® 1FBC)	12.34	0.58
26 27 26 00-0266	EA	Duplex Receptacle, Single Gang, Stamped Metallic Weatherproof Cover (Killark® 1FAC)	13.38	0.58
26 27 26 00-0267	EA	Single Receptacle, Single Gang, Stamped Metallic Weatherproof Cover (Killark® 1FRC)	13.38	0.58
26 27 26 00-0268	EA	Toggle Switch, Single Gang, Stamped Metallic Weatherproof Cover (Killark® 1FTC)	13.38	0.58
26 27 26 00-0269	EA	Blank Cover, Two Gang, Stamped Metallic Weatherproof Cover (Killark® 2FBC)	16.38	0.87
26 27 26 00-0270	EA	Duplex Receptacle, Two Gang, Stamped Metallic Weatherproof Cover (Killark® 2FAC)	18.62	0.87
26 27 26 00-0271	EA	Single Receptacle, Two Gang, Stamped Metallic Weatherproof Cover (Killark® 2FRC)	18.84	0.87
26 27 26 00-0272	EA	Toggle Switch, Two Gang, Stamped Metallic Weatherproof Cover (Killark® 2FTC)	18.84	0.87
26 27 26 00-0273	EA	Toggle Switch And Duplex Receptacle, Two Gang, Stamped Metallic Weatherproof Cover (Killark® 2FTAC)	25.66	0.87
26 27 26 00-0274	EA	Blank Cover, Three Gang, Stamped Metallic Weatherproof Cover (Killark® 3FB)	24.26	1.16
26 27 26 00-0275	EA	Toggle Switch, Three Gang, Stamped Metallic Weatherproof Cover (Killark® 3FT)	26.54	1.16
26 27 26 00-0276		**Cast Metallic Weatherproof Covers** *(26 27 26 00-0263)*		
		Note: Includes electrostatically applied powder coating and neoprene gasket.		
26 27 26 00-0277	EA	Blank Cover, Single Gang, Cast Metallic Weatherproof Cover (Killark® FSBC)	15.12	0.58
26 27 26 00-0278	EA	Duplex Receptacle, Single Gang, Cast Metallic Weatherproof Cover With Self Closing Lid (Killark® FCLA)	48.46	0.58
26 27 26 00-0279	EA	Single Receptacle, Single Gang, Cast Metallic Weatherproof Cover With Self Closing Lid (Killark® FCLR)	54.35	0.58
26 27 26 00-0280	EA	Guarded Toggle Switch, Single Gang, Cast Metallic Weatherproof Cover (Killark® FSTG)	15.01	0.58
26 27 26 00-0281	EA	Toggle Switch, Single Gang, Cast Metallic Weatherproof Cover With Self Closing Lid (Killark® FCLT)	41.06	0.58
26 27 26 00-0282	EA	Lever Operated Toggle Switch, Single Gang, Cast Metallic Weatherproof Cover (Killark® FSPT)	68.36	0.58
26 27 26 00-0283	EA	Plunger Operated Toggle Switch, Single Gang, Cast Metallic Weatherproof Cover (Killark® FST)	87.05	0.58

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 26 00-0284	EA	Blank Cover, Two Gang, Cast Metallic Weatherproof Cover (Killark® 2FSBC)	18.84	0.87
26 27 26 00-0285	EA	Plunger Operated Toggle Switch, Two Gang, Cast Metallic Weatherproof Cover (Killark® 2FST)	137.51	0.87
26 27 26 00-0286	EA	Blank Cover, Three Gang, Cast Metallic Weatherproof Cover (Killark® 3FSBC)	31.58	1.16
26 27 26 00-0287	EA	Plunger Operated Toggle Switch, Three Gang, Cast Metallic Weatherproof Cover (Killark® 3FST)	131.33	1.16
26 27 26 00-0288		**Die Cast Aluminum Weatherproof Covers** *(26 27 26 00-0263)*		
		Note: Includes electrostatically applied powder coating and neoprene gasket.		
26 27 26 00-0289	EA	Duplex Receptacle, Single Gang, Die Cast Aluminum Weatherproof Cover With Self Closing Lid (Bell® 5027)	5.32	0.58
26 27 26 00-0290	EA	Single Receptacle, Single Gang, Die Cast Aluminum Weatherproof Cover With Self Closing Lid (Bell® 5026)	6.84	0.58
26 27 26 00-0291	EA	Duplex Receptacles, Two Gang, Die Cast Aluminum Weatherproof Cover With Self Closing Lid (Bell® 5032)	9.16	0.87
26 27 26 00-0292	EA	Toggle Switch, Two Gang, Die Cast Aluminum Weatherproof Cover With Self Closing Lid (Bell® 5041)	9.95	0.87
26 27 26 00-0293	EA	Toggle Switch And Duplex Receptacle, Two Gang, Die Cast Aluminum Weatherproof Cover With Self Closing Lid (Bell® 5042)	9.95	0.87
26 27 26 00-0294	EA	Toggle Switch And Single Receptacle, Two Gang, Die Cast Aluminum Weatherproof Cover With Self Closing Lid (Bell® 5043)	11.09	0.87
26 27 26 00-0295		**Heavy Duty Die Cast Aluminum Weatherproof Covers** *(26 27 26 00-0263)*		
		Note: Includes baked on lacquer finish and neoprene gasket.		
26 27 26 00-0296	EA	Duplex Receptacle, Single Gang, Heavy Duty Die Cast Aluminum Weatherproof Cover With Self Closing Lid (Pass & Seymour Legrand® 4510)	54.81	0.58
26 27 26 00-0297		**Polycarbonate Weatherproof Covers** *(26 27 26 00-0263)*		
		Note: Includes neoprene gasket.		
26 27 26 00-0298	EA	Toggle Switch, Single Gang, Polycarbonate Weatherproof Cover With Tinted Lid (Bell® 5730)	10.99	0.58
26 27 26 00-0299	EA	Duplex Receptacle, Single Gang, Polycarbonate Weatherproof Cover With Tinted Lid (Bell® 5730)	10.99	0.58
26 27 26 00-0300	EA	Single Receptacle, Single Gang, Polycarbonate Weatherproof Cover With Tinted Lid (Bell® 5730)	10.99	0.58
26 27 26 00-0301	EA	Duplex Receptacle, Two Gang, Polycarbonate Weatherproof Cover With Tinted Lid (Bell® 5775)	13.58	0.87
26 27 26 00-0302	EA	Toggle Switch And Single Receptacle, Two Gang, Polycarbonate Weatherproof Cover With Tinted Lid (Bell® 5775)	13.58	0.87
26 27 26 00-0303		**High Impact Thermoplastic Weatherproof Covers** *(26 27 26 00-0263)*		
		Note: Includes neoprene gasket.		
26 27 26 00-0304	EA	Duplex Receptacle, Single Gang, High Impact Thermoplastic Weatherproof Cover With Self Closing Lid (Hubbell® HBL522)	92.04	0.58
26 27 26 00-0305		**Non-Metallic (PVC) Weatherproof Covers** *(26 27 26 00-0263)*		
		Note: Includes neoprene gasket.		
26 27 26 00-0306	EA	Blank Cover, Single Gang, Non-Metallic (PVC) Weatherproof Cover	12.52	0.58
26 27 26 00-0307	EA	Blank Cover, Two Gang, Non-Metallic (PVC) Weatherproof Cover	13.43	0.87
26 27 26 00-0308	EA	Toggle Switch, Single Gang, Non-Metallic (PVC) Weatherproof Cover	12.56	0.58
26 27 26 00-0309	EA	Switch, Single Gang, Non-Metallic (PVC) Weatherproof Cover	27.71	0.58
26 27 26 00-0310	EA	Duplex Receptacle, Single Gang, Non-Metallic (PVC) Weatherproof Cover	32.12	0.58
26 27 26 00-0311	EA	20 Amperes, Receptacle, Single Gang, Non-Metallic (PVC) Weatherproof Cover	26.03	0.58
26 27 26 00-0312	EA	30 Amperes, Receptacle, Single Gang, Non-Metallic (PVC) Weatherproof Cover	19.39	0.58
26 27 26 00-0313	EA	50 Amperes, Receptacle, Single Gang, Non-Metallic (PVC) Weatherproof Cover	22.70	0.58
26 27 26 00-0314	EA	Plunger Switch, Single Gang, Non-Metallic (PVC) Weatherproof Cover	20.30	0.58
26 27 26 00-0315	EA	Double Duplex Receptacle, Two Gang, Non-Metallic (PVC) Weatherproof Cover	29.21	0.87
26 27 26 00-0316		**Removal And Reinstallation Of Wiring Devices** *(26 27 26)*		
		Note: Includes storage and cleaning.		
26 27 26 00-0317	EA	Removal And Reinstallation Of Receptacle, Switch, Outlet Or Special System Device	76.26	
26 27 26 00-0318	EA	Removal And Reinstallation Of Receptacle Or Switch Outlet Cover Plate	9.66	
26 27 26 00-0319		**In Line Midget Fuseholders** *(26 27 26)*		
		See CSI section 26 28 13 00-0078 for fuses.		
26 27 26 00-0320	EA	Single Pole Water Resistant In Line Midget Fuseholder	87.72	
26 27 26 00-0321	EA	Double Pole Water Resistant In Line Midget Fuseholder	208.77	
26 27 26 00-0322		**Relay Systems** *(26 27 26)*		
26 27 26 00-0323	EA	10 Amperes, 24 Volt Coil, 2 Position Relay	90.64	26.08
26 27 26 00-0324	EA	20 Amperes, 120 Volt Coil, Up To 4 Contacts, Industrial Control Relay	394.80	86.93
26 27 26 00-0325	EA	20 Amperes, 120 Volt Coil, 12 Contacts, Industrial Control Relay	674.04	115.91
26 27 26 00-0326		**Limit Switches** *(26 27 26)*		
26 27 26 00-0327		**Heavy Duty Precision Oiltight** *(26 27 26 00-0326)*		
26 27 26 00-0328		**Lever Arm, Plunger, Wobble Stick Type** *(26 27 26 00-0327)*		
26 27 26 00-0329	EA	Limit Switch, Heavy Duty, Lever Arm Weatherproof, 10 Amperes Rated	358.89	73.02

26 27 33 Power Distribution Units *(26 27)*

Note: Includes wiring connections and testing.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 33 00-0001		**Liebert Precision Power Center** *(26 27 33)* Note: With K20 Trans Spike Suppression Modules Lighting/Surge Arrestors. Includes start-up.		
26 27 33 00-0002	EA	PDU 15 KVA, 208/480/600 Input Voltage, 120/208 Output Voltage (Liebert PPC015C)	21,269.68	356.40
26 27 33 00-0003	EA	PDU 30 KVA, 208/480/600 Input Voltage, 120/208 Output Voltage (Liebert PPC030C)	25,691.91	386.30
26 27 33 00-0004	EA	PDU 50 KVA, 208/480/600 Input Voltage, 120/208 Output Voltage (Liebert PPC050C)	29,282.50	428.84
26 27 33 00-0005	EA	PDU 75 KVA, 208/480/600 Input Voltage, 120/208 Output Voltage (Liebert PPC075C)	33,698.56	463.61
26 27 33 00-0006	EA	PDU 100 KVA, 208/480/600 Input Voltage, 120/208 Output Voltage (Liebert PPC100C)	36,755.50	579.52
26 27 33 00-0007	EA	PDU 125 KVA, 208/480/600 Input Voltage, 120/208 Output Voltage (Liebert PPC125C)	41,224.98	695.42
26 27 33 00-0008	EA	PDU 150 KVA, 208/480/600 Input Voltage, 120/208 Output Voltage (Liebert PPC150C)	47,564.02	811.33
26 27 33 00-0009	EA	PDU 200 KVA, 480/600 Input Voltage, 120/208 Output Voltage (Liebert PPC200C)	49,997.76	927.22
26 27 33 00-0010	EA	PDU 225 KVA, 480/600 Input Voltage, 120/208 Output Voltage (Liebert PPC225C)	52,805.40	1,043.13
26 27 33 00-0011	EA	Ex Panelboard 10-30 KVA	1,868.72	115.91
26 27 33 00-0012	EA	Ex Panelboard 50-125 KVA	2,799.13	144.87
26 27 33 00-0013	EA	Ex Panelboard 150-220 KVA	6,346.93	173.85
26 27 33 00-0014	EA	Removal And Reinstallation Of Power Distribution Unit Note: Includes disconnection / reconnection of branch circuits, storage and cleaning.	1,854.46	
26 27 33 00-0015	EA	Start-Up Liebert Power Distribution Unit Line Item Applies To A Relocation Only	1,390.85	

26 27 73 Door Chimes *(26 27)*

26 27 73 00-0001		**Door Bell Chime And Door Button With Built-In Viewer** *(26 27 73)* Note: Non-electric chime, mounted on door		
26 27 73 00-0002	EA	Mechanical Door Bell Chime And Door Button With Built-In Viewer (Newhouse Hardware MCHBV)	84.51	17.85
26 27 73 00-0003		**Wireless Door Bell System** *(26 27 73)*		
26 27 73 00-0004	EA	Wireless Doorbell Chime And Push Button (Broan LA542WH) Note: Includes 2 push buttons	138.35	
26 27 73 00-0005	EA	Wireless Doorbell Chime And Push Button (STI-3350G) Note: Includes 2 push buttons	130.05	
26 27 73 00-0006	EA	Wireless Doorbell Chime And Push Button (GE 19300) Note: Includes 2 push buttons	96.12	
26 27 73 00-0007		**Door Bell Buzzer System, Wired** *(26 27 73)*		
26 27 73 00-0008	EA	Door Bell, Push-Button And Transformer, Complete	642.48	241.43
26 27 73 00-0009	EA	Visual Flashing Doorbell Indicator, Wire To Existing System, Complete	265.71	57.95
26 27 73 00-0010	EA	Removal And Replacement Of Bell/Buzzer, Complete Note: Includes removal of existing.	107.16	28.98

26 28 Low-Voltage Circuit Protective Devices *(26 20)*

26 28 13 Fuses *(26 28)*

26 28 13 00-0001		**125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuses** *(26 28 13)*		
26 28 13 00-0002	EA	1 Amperes, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse	28.81	8.35
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.56*	
26 28 13 00-0003	EA	2 Amperes, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse	28.00	8.35
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.56*	
26 28 13 00-0004	EA	3 Amperes, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse	26.88	8.35
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.56*	
26 28 13 00-0005	EA	5 Amperes, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse	26.73	8.35
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.56*	
26 28 13 00-0006	EA	6 Amperes, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse	27.77	8.35
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.56*	
26 28 13 00-0007	EA	8 Amperes, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse	25.73	8.35
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.56*	
26 28 13 00-0008	EA	10 Amperes, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse	25.25	8.35
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.56*	
26 28 13 00-0009	EA	15 Amperes, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse	21.29	8.35
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.56*	
26 28 13 00-0010	EA	20 Amperes, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse	20.69	8.35
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.56*	
26 28 13 00-0011	EA	25 Amperes, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse	21.84	8.35
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.56*	
26 28 13 00-0012	EA	30 Amperes, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse	21.04	8.35
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.56*	
26 28 13 00-0013		**Class RK1, Time Delay Fuses** *(26 28 13)*		
26 28 13 00-0014		**250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuses** *(26 28 13 00-0013)*		
26 28 13 00-0015	EA	1 Ampere, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	48.30	8.35
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.56*	
26 28 13 00-0016	EA	2 Amperes, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	44.71	8.35
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.56*	
26 28 13 00-0017	EA	3 Amperes, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	47.21	8.35
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.56*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 13 00-0018	EA	4 Amperes, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	46.88	8.35
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.56*	
26 28 13 00-0019	EA	5 Amperes, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	44.38	8.35
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.56*	
26 28 13 00-0020	EA	10 Amperes, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	42.89	8.35
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.56*	
26 28 13 00-0021	EA	15 Amperes, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	38.92	8.35
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.56*	
26 28 13 00-0022	EA	20 Amperes, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	38.62	8.35
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.56*	
26 28 13 00-0023	EA	25 Amperes, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	38.95	8.35
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.56*	
26 28 13 00-0024	EA	30 Amperes, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	38.54	8.35
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.56*	
26 28 13 00-0025	EA	35 Amperes, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	55.42	8.35
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.56*	
26 28 13 00-0026	EA	40 Amperes, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	54.22	8.35
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.56*	
26 28 13 00-0027	EA	45 Amperes, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	55.12	8.35
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.56*	
26 28 13 00-0028	EA	50 Amperes, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	54.38	8.35
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.56*	
26 28 13 00-0029	EA	60 Amperes, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	53.30	8.35
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.56*	
26 28 13 00-0030		**250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuses** *(26 28 13 00-0013)*		
26 28 13 00-0031	EA	70 Amperes, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse	102.75	10.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.95*	
26 28 13 00-0032	EA	80 Amperes, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse	102.15	10.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.95*	
26 28 13 00-0033	EA	90 Amperes, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse	114.27	10.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.95*	
26 28 13 00-0034	EA	100 Amperes, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse	101.20	10.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.95*	
26 28 13 00-0035	EA	110 Amperes, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse	300.66	10.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.95*	
26 28 13 00-0036	EA	125 Amperes, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse	218.08	10.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.95*	
26 28 13 00-0037	EA	150 Amperes, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse	199.09	11.48
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.65*	
26 28 13 00-0038	EA	200 Amperes, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse	210.10	11.48
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.65*	
26 28 13 00-0039	EA	250 Amperes, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse	400.13	11.48
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.65*	
26 28 13 00-0040	EA	300 Amperes, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse	429.38	14.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.39*	
26 28 13 00-0041	EA	350 Amperes, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse	462.29	14.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.39*	
26 28 13 00-0042	EA	400 Amperes, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse	354.32	14.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.39*	
26 28 13 00-0043	EA	450 Amperes, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse	799.72	14.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.39*	
26 28 13 00-0044	EA	500 Amperes, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse	754.42	17.27
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.48*	
26 28 13 00-0045	EA	600 Amperes, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse	586.10	17.27
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.48*	
26 28 13 00-0046		**600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuses** *(26 28 13 00-0013)*		
26 28 13 00-0047	EA	1 Amperes, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	77.81	8.35
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.56*	
26 28 13 00-0048	EA	2 Amperes, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	72.10	8.35
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.56*	
26 28 13 00-0049	EA	3 Amperes, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	67.32	8.35
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.56*	
26 28 13 00-0050	EA	4 Amperes, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	68.90	8.35
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.56*	
26 28 13 00-0051	EA	5 Amperes, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	67.54	8.35
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.56*	
26 28 13 00-0052	EA	10 Amperes, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	68.03	8.35
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.56*	
26 28 13 00-0053	EA	15 Amperes, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	62.81	8.35
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.56*	
26 28 13 00-0054	EA	20 Amperes, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	62.29	8.35
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.56*	
26 28 13 00-0055	EA	25 Amperes, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	61.59	8.35
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.56*	
26 28 13 00-0056	EA	30 Amperes, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	62.62	8.35
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.56*	
26 28 13 00-0057	EA	35 Amperes, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	93.57	8.35
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.56*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 13 00-0058	EA	40 Amperes, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	93.81	8.35
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.56*	
26 28 13 00-0059	EA	45 Amperes, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	91.86	8.35
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.56*	
26 28 13 00-0060	EA	50 Amperes, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	92.78	8.35
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.56*	
26 28 13 00-0061	EA	60 Amperes, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	93.60	8.35
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.56*	
26 28 13 00-0062		**600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuses** *(26 28 13 00-0013)*		
26 28 13 00-0063	EA	70 Amperes, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse	179.14	10.43
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.95*	
26 28 13 00-0064	EA	80 Amperes, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse	183.01	11.48
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.65*	
26 28 13 00-0065	EA	90 Amperes, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse	181.97	11.48
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.65*	
26 28 13 00-0066	EA	100 Amperes, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse	182.79	11.48
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.65*	
26 28 13 00-0067	EA	110 Amperes, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse	341.36	11.48
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.65*	
26 28 13 00-0068	EA	125 Amperes, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse	346.63	11.48
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*7.65*	
26 28 13 00-0069	EA	150 Amperes, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse	340.38	14.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.39*	
26 28 13 00-0070	EA	200 Amperes, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse	339.51	14.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.39*	
26 28 13 00-0071	EA	250 Amperes, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse	655.53	14.14
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*9.39*	
26 28 13 00-0072	EA	300 Amperes, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse	657.60	17.27
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.48*	
26 28 13 00-0073	EA	350 Amperes, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse	742.95	17.27
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.48*	
26 28 13 00-0074	EA	400 Amperes, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse	672.11	17.27
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.48*	
26 28 13 00-0075	EA	450 Amperes, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse	1,215.99	17.27
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*11.48*	
26 28 13 00-0076	EA	500 Amperes, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse	1,079.72	20.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.91*	
26 28 13 00-0077	EA	600 Amperes, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse	940.01	20.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.91*	
26 28 13 00-0078		**600 Volt AC, Class CC Midget Fuses** *(26 28 13)*		
		Note: 250/300 Volt DC.		
26 28 13 00-0079	EA	1 Amperes, 600 Volt AC, Class CC Midget Fuse	56.45	8.35
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.56*	
26 28 13 00-0080	EA	2 Amperes, 600 Volt AC, Class CC Midget Fuse	57.40	8.35
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.56*	
26 28 13 00-0081	EA	3 Amperes, 600 Volt AC, Class CC Midget Fuse	57.13	8.35
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.56*	
26 28 13 00-0082	EA	5 Amperes, 600 Volt AC, Class CC Midget Fuse	56.83	8.35
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.56*	
26 28 13 00-0083	EA	6 Amperes, 600 Volt AC, Class CC Midget Fuse	61.31	8.35
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.56*	
26 28 13 00-0084	EA	8 Amperes, 600 Volt AC, Class CC Midget Fuse	54.14	8.35
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.56*	
26 28 13 00-0085	EA	10 Amperes, 600 Volt AC, Class CC Midget Fuse	62.56	8.35
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.56*	
26 28 13 00-0086	EA	15 Amperes, 600 Volt AC, Class CC Midget Fuse	56.86	8.35
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.56*	
26 28 13 00-0087	EA	20 Amperes, 600 Volt AC, Class CC Midget Fuse	55.69	8.35
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.56*	
26 28 13 00-0088	EA	25 Amperes, 600 Volt AC, Class CC Midget Fuse	53.00	8.35
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.56*	
26 28 13 00-0089	EA	30 Amperes, 600 Volt AC, Class CC Midget Fuse	55.28	8.35
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.56*	
26 28 13 00-0090		**200,000 Ampere Interrupting Capacity, 600 Volt AC, Class J Bolted Fuse** *(26 28 13)*		
26 28 13 00-0091	EA	1 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	76.62	5.79
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.48*	
26 28 13 00-0092	EA	3 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	77.24	5.79
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*3.48*	
26 28 13 00-0093	EA	6 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	65.41	6.96
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*4.17*	
26 28 13 00-0094	EA	10 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	63.89	8.69
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.22*	
26 28 13 00-0095	EA	15 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	65.38	8.69
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.22*	
26 28 13 00-0096	EA	20 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	64.05	8.69
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*5.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 13 00-0097	EA	25 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	81.25	11.59
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.95*	
26 28 13 00-0098	EA	30 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	66.33	11.59
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.95*	
26 28 13 00-0099	EA	35 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	122.02	11.59
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.95*	
26 28 13 00-0100	EA	40 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	102.83	11.59
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.95*	
26 28 13 00-0101	EA	45 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	119.08	11.59
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*6.95*	
26 28 13 00-0102	EA	50 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	102.81	14.48
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.69*	
26 28 13 00-0103	EA	60 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	100.75	14.48
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.69*	
26 28 13 00-0104	EA	70 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	159.97	17.39
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.43*	
26 28 13 00-0105	EA	80 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	171.35	17.39
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.43*	
26 28 13 00-0106	EA	90 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	168.44	17.39
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.43*	
26 28 13 00-0107	EA	100 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	144.05	20.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.17*	
26 28 13 00-0108	EA	110 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	356.43	20.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.17*	
26 28 13 00-0109	EA	125 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	300.77	20.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.17*	
26 28 13 00-0110	EA	150 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	284.10	23.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.91*	
26 28 13 00-0111	EA	175 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	288.53	23.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.91*	
26 28 13 00-0112	EA	200 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	236.76	23.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.91*	
26 28 13 00-0113	EA	225 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	623.92	23.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.91*	
26 28 13 00-0114	EA	250 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	575.60	23.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.91*	
26 28 13 00-0115	EA	300 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	529.11	23.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.91*	
26 28 13 00-0116	EA	350 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	578.59	23.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.91*	
26 28 13 00-0117	EA	400 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	472.77	26.08
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.65*	
26 28 13 00-0118	EA	450 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	1,024.89	26.08
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.65*	
26 28 13 00-0119	EA	500 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	865.07	28.98
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.39*	
26 28 13 00-0120	EA	600 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	638.25	28.98
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.39*	

26 28 13 00-0121 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuses *(26 28 13)*

26 28 13 00-0122	EA	100 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	1,985.85	14.48
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.69*	
26 28 13 00-0123	EA	150 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	1,989.79	14.48
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.69*	
26 28 13 00-0124	EA	200 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	1,993.46	14.48
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*8.69*	
26 28 13 00-0125	EA	250 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	1,985.15	17.39
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.43*	
26 28 13 00-0126	EA	300 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	1,827.40	17.39
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*10.43*	
26 28 13 00-0127	EA	350 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	1,954.25	20.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.17*	
26 28 13 00-0128	EA	400 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	1,797.64	20.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.17*	
26 28 13 00-0129	EA	450 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	2,012.11	20.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.17*	
26 28 13 00-0130	EA	500 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	1,972.59	20.29
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*12.17*	
26 28 13 00-0131	EA	600 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	1,751.24	23.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.91*	
26 28 13 00-0132	EA	601 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	1,798.77	23.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.91*	
26 28 13 00-0133	EA	650 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	2,396.18	23.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.91*	
26 28 13 00-0134	EA	700 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	1,742.62	23.18
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.91*	
26 28 13 00-0135	EA	750 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	2,681.78	26.08
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.65*	
26 28 13 00-0136	EA	800 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	1,537.90	26.08
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.65*	
26 28 13 00-0137	EA	900 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	2,253.12	26.08
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.65*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 13 00-0138	EA	1,000 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	1,511.76	26.08
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.65*	
26 28 13 00-0139	EA	1,200 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	1,557.22	26.08
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.65*	
26 28 13 00-0140	EA	1,350 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	3,481.20	26.08
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.65*	
26 28 13 00-0141	EA	1,400 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	3,432.07	26.08
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.65*	
26 28 13 00-0142	EA	1,500 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	3,094.96	26.08
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*15.65*	
26 28 13 00-0143	EA	1,600 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	1,925.96	28.98
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.39*	
26 28 13 00-0144	EA	1,800 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	4,101.35	28.98
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.39*	
26 28 13 00-0145	EA	2,000 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	2,619.36	28.98
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.39*	
26 28 13 00-0146	EA	2,500 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	3,547.11	28.98
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.39*	
26 28 13 00-0147	EA	2,501 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	6,054.90	28.98
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.39*	
26 28 13 00-0148	EA	3,000 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	3,954.53	31.87
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.13*	
26 28 13 00-0149	EA	3,500 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	8,198.26	31.87
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.13*	
26 28 13 00-0150	EA	3,800 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	9,515.87	31.87
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.13*	
26 28 13 00-0151	EA	4,000 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	5,494.43	31.87
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.13*	
26 28 13 00-0152	EA	5,000 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	8,682.06	31.87
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.13*	
26 28 13 00-0153	EA	6,000 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	14,384.70	31.87
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*19.13*	

26 28 16 Enclosed Switches and Circuit Breakers *(26 28)*

26 28 16 13 Enclosed Circuit Breakers *(26 28 16)*

26 28 16 13-0001 Branch Circuit Breakers *(26 28 16 13)*

Note: For installation in existing and new panelboards. Use task modifier for installation in new panelboards.

26 28 16 13-0002 Branch Circuit Breakers 10,000 Amperes Interrupting Capacity, Plug-On *(26 28 16 13-0001)*

Note: Includes connection of electrical wire.

26 28 16 13-0003	EA	1 Pole, 120/240 Volt, 15 To 30 Amperes, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity	55.56	20.86
		For Bolt-On, Add	*15.06*	
		For Installation In New Panelboard, Deduct	*-11.59*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.91*	
26 28 16 13-0004	EA	1 Pole, 120/240 Volt, 35 To 60 Amperes, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity	55.56	20.86
		For Bolt-On, Add	*15.06*	
		For Installation In New Panelboard, Deduct	*-11.59*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.91*	
26 28 16 13-0005	EA	1 Pole, 120/240 Volt, 70 To 100 Amperes, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity	79.17	26.08
		For Bolt-On, Add	*20.04*	
		For Installation In New Panelboard, Deduct	*-14.49*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.39*	
26 28 16 13-0006	EA	1 Pole GFI, 15 To 30 Amperes, 120/240 Volt, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity	115.65	26.08
		For Bolt-On, Add	*24.60*	
		For Installation In New Panelboard, Deduct	*-14.49*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.39*	
26 28 16 13-0007	EA	1 Pole GFI, 35 To 60 Amperes, 120/240 Volt, Branch Circuit Breaker, 10,000 Protection Circuit Breaker, 10,000 Amperes Interrupting Capacity	157.36	26.08
		For Bolt-On, Add	*29.81*	
		For Installation In New Panelboard, Deduct	*-14.49*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.39*	
26 28 16 13-0008	EA	1 Pole GFI, 15 To 30 Amperes, 120/240 Volt, UL Listed 30mA Equipment Protection Circuit Breaker, 10,000 Amperes Interrupting Capacity	181.15	26.08
		For Bolt-On, Add	*32.79*	
		For Installation In New Panelboard, Deduct	*-14.49*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.39*	
26 28 16 13-0009	EA	1 Pole GFI, 15 To 20 Amperes, 120/240 Volt, "Arc Fault" Circuit Breaker, 10,000 Amperes Interrupting Capacity	92.67	26.08
		For Bolt-On, Add	*21.73*	
		For Installation In New Panelboard, Deduct	*-14.49*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.39*	
26 28 16 13-0010	EA	2 Pole, 15 To 30 Amperes, 120/240 Volt, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity	90.76	31.29
		For Bolt-On, Add	*23.51*	
		For Installation In New Panelboard, Deduct	*-17.39*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.86*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 13-0011	EA	2 Pole, 35 To 60 Amperes, 120/240 Volt, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity	90.76	31.29
		For Bolt-On, Add	*23.51*	
		For Installation In New Panelboard, Deduct	*-17.39*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.86*	
26 28 16 13-0012	EA	2 Pole, 70 To 100 Amperes, 120/240 Volt, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity	135.16	41.73
		For Bolt-On, Add	*33.12*	
		For Installation In New Panelboard, Deduct	*-23.18*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.82*	
26 28 16 13-0013	EA	2 Pole, 110 To 125 Amperes, 120/240 Volt, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity	218.49	52.16
		For Bolt-On, Add	*47.60*	
		For Installation In New Panelboard, Deduct	*-28.98*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*34.77*	
26 28 16 13-0014	EA	2 Pole, 150 Amperes, 120/240 Volt, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity	256.23	57.95
		For Bolt-On, Add	*54.34*	
		For Installation In New Panelboard, Deduct	*-31.87*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*38.25*	
26 28 16 13-0015	EA	2 Pole GFI, 15 To 50 Amperes, 120/240 Volt, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity	213.76	37.09
		For Bolt-On, Add	*41.32*	
		For Installation In New Panelboard, Deduct	*-20.86*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*25.04*	
26 28 16 13-0016	EA	2 Pole GFI, 15 To 50 Amperes, 120/240 Volt, UL Listed 30mA Equipment Protection Circuit Breaker, 10,000 Amperes Interrupting Capacity	281.99	37.09
		For Bolt-On, Add	*49.85*	
		For Installation In New Panelboard, Deduct	*-20.86*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*25.04*	
26 28 16 13-0017	EA	3 Pole, 15 To 30 Amperes, 120/240 Volt, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity	166.99	41.73
		For Bolt-On, Add	*37.10*	
		For Installation In New Panelboard, Deduct	*-23.18*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.82*	
26 28 16 13-0018	EA	3 Pole, 35 To 60 Amperes, 120/240 Volt, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity	166.99	41.73
		For Bolt-On, Add	*37.10*	
		For Installation In New Panelboard, Deduct	*-23.18*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.82*	
26 28 16 13-0019	EA	3 Pole, 70 To 100 Amperes, 120/240 Volt, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity	218.08	52.16
		For Bolt-On, Add	*47.54*	
		For Installation In New Panelboard, Deduct	*-28.98*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*34.77*	
26 28 16 13-0020	EA	3 Pole, 110 To 125 Amperes, 120/240 Volt, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity	324.70	62.58
		For Bolt-On, Add	*64.93*	
		For Installation In New Panelboard, Deduct	*-34.77*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*41.72*	
26 28 16 13-0021	EA	3 Pole, 150 Amperes, 120/240 Volt, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity	412.09	73.02
		For Bolt-On, Add	*79.91*	
		For Installation In New Panelboard, Deduct	*-40.57*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*48.68*	

26 28 16 13-0022 Branch Circuit Breakers 14,000 Amperes Interrupting Capacity, Plug-On *(26 28 16 13-0001)*

Note: Includes connection of electrical wire.

26 28 16 13-0023	EA	1 Pole, 277/480 Volt, 15 To 30 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity	77.17	20.86
		For Bolt-On, Add	*17.76*	
		For Installation In New Panelboard, Deduct	*-11.59*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.91*	
26 28 16 13-0024	EA	1 Pole, 277/480 Volt, 35 To 60 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity	77.17	20.86
		For Bolt-On, Add	*17.76*	
		For Installation In New Panelboard, Deduct	*-11.59*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.91*	
26 28 16 13-0025	EA	1 Pole, 277/480 Volt, 70 To 100 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity	134.42	26.08
		For Bolt-On, Add	*26.94*	
		For Installation In New Panelboard, Deduct	*-14.49*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.39*	
26 28 16 13-0026	EA	1 Pole GFI, 277/480 Volt, 15 To 60 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity	204.56	26.08
		For Bolt-On, Add	*35.71*	
		For Installation In New Panelboard, Deduct	*-14.49*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.39*	
26 28 16 13-0027	EA	2 Pole, 277/480 Volt, 15 To 30 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity	147.66	31.29
		For Bolt-On, Add	*30.63*	
		For Installation In New Panelboard, Deduct	*-17.39*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.86*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 13-0028	EA	2 Pole, 277/480 Volt, 35 To 60 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity	147.66	31.29
		For Bolt-On, Add	*30.63*	
		For Installation In New Panelboard, Deduct	*-17.39*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.86*	
26 28 16 13-0029	EA	2 Pole, 277/480 Volt, 70 To 100 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity	284.66	41.73
		For Bolt-On, Add	*51.81*	
		For Installation In New Panelboard, Deduct	*-23.18*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.82*	
26 28 16 13-0030	EA	2 Pole, 277/480 Volt, 110 To 125 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity	386.38	52.16
		For Bolt-On, Add	*68.58*	
		For Installation In New Panelboard, Deduct	*-28.98*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*34.77*	
26 28 16 13-0031	EA	2 Pole, 277/480 Volt, 150 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity	561.82	57.95
		For Bolt-On, Add	*92.54*	
		For Installation In New Panelboard, Deduct	*-31.87*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*38.25*	
26 28 16 13-0032	EA	3 Pole, 277/480 Volt, 15 To 30 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity	233.01	41.73
		For Bolt-On, Add	*45.35*	
		For Installation In New Panelboard, Deduct	*-23.18*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.82*	
26 28 16 13-0033	EA	3 Pole, 277/480 Volt, 35 To 60 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity	233.01	41.73
		For Bolt-On, Add	*45.35*	
		For Installation In New Panelboard, Deduct	*-23.18*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.82*	
26 28 16 13-0034	EA	3 Pole, 277/480 Volt, 70 To 100 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity	345.33	52.16
		For Bolt-On, Add	*63.45*	
		For Installation In New Panelboard, Deduct	*-28.98*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*34.77*	
26 28 16 13-0035	EA	3 Pole, 277/480 Volt, 110 To 125 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity	487.69	62.58
		For Bolt-On, Add	*85.30*	
		For Installation In New Panelboard, Deduct	*-34.77*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*41.72*	
26 28 16 13-0036	EA	3 Pole, 277/480 Volt, 150 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity	747.80	73.02
		For Bolt-On, Add	*121.87*	
		For Installation In New Panelboard, Deduct	*-40.57*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*48.68*	
26 28 16 13-0037	EA	3 Pole, 277/480 Volt, 175 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity	861.09	78.23
		For Bolt-On, Add	*138.06*	
		For Installation In New Panelboard, Deduct	*-43.46*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*52.16*	
26 28 16 13-0038	EA	3 Pole, 277/480 Volt, 200 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity	924.92	83.45
		For Bolt-On, Add	*148.07*	
		For Installation In New Panelboard, Deduct	*-46.36*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*55.64*	
26 28 16 13-0039	EA	3 Pole, 277/480 Volt, 225 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity	1,091.37	88.66
		For Bolt-On, Add	*170.90*	
		For Installation In New Panelboard, Deduct	*-49.26*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*59.11*	

26 28 16 13-0040 Branch Circuit Breakers 18,000 Amperes Interrupting Capacity, Plug-On *(26 28 16 13-0001)*

Note: Includes connection of electrical wire.

26 28 16 13-0041	EA	15 To 30 Amperes, 1 Pole, 240 Volt, Branch Circuit Breaker, 18,000 Amperes Interrupting Capacity	91.37	20.86
		For Bolt-On, Add	*19.53*	
		For Installation In New Panelboard, Deduct	*-11.59*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.91*	
26 28 16 13-0042	EA	35 To 60 Amperes, 1 Pole, 240 Volt, Branch Circuit Breaker, 18,000 Amperes Interrupting Capacity	91.37	20.86
		For Bolt-On, Add	*19.53*	
		For Installation In New Panelboard, Deduct	*-11.59*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.91*	
26 28 16 13-0043	EA	70 To 100 Amperes, 1 Pole, 240 Volt, Branch Circuit Breaker, 18,000 Amperes Interrupting Capacity	148.45	26.08
		For Bolt-On, Add	*28.70*	
		For Installation In New Panelboard, Deduct	*-14.49*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.39*	
26 28 16 13-0044	EA	15 To 30 Amperes, 2 Pole, 240 Volt, Branch Circuit Breaker, 18,000 Amperes Interrupting Capacity	184.68	31.29
		For Bolt-On, Add	*35.25*	
		For Installation In New Panelboard, Deduct	*-17.39*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.86*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 13-0045	EA	35 To 60 Amperes, 2 Pole, 240 Volt, Branch Circuit Breaker, 18,000 Amperes Interrupting Capacity	184.68	31.29
		For Bolt-On, Add	*35.25*	
		For Installation In New Panelboard, Deduct	*-17.39*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.86*	
26 28 16 13-0046	EA	70 To 100 Amperes, 2 Pole, 240 Volt, Branch Circuit Breaker, 18,000 Amperes Interrupting Capacity	320.16	41.73
		For Bolt-On, Add	*56.25*	
		For Installation In New Panelboard, Deduct	*-23.18*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.82*	
26 28 16 13-0047	EA	110 To 125 Amperes, 2 Pole, 240 Volt, Branch Circuit Breaker, 18,000 Amperes Interrupting Capacity	804.88	52.16
		For Bolt-On, Add	*120.89*	
		For Installation In New Panelboard, Deduct	*-28.98*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*34.77*	
26 28 16 13-0048	EA	15 To 30 Amperes, 3 Pole, 240 Volt, Branch Circuit Breaker, 18,000 Amperes Interrupting Capacity	294.10	41.73
		For Bolt-On, Add	*52.99*	
		For Installation In New Panelboard, Deduct	*-23.18*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.82*	
26 28 16 13-0049	EA	35 To 60 Amperes, 3 Pole, 240 Volt, Branch Circuit Breaker, 18,000 Amperes Interrupting Capacity	294.10	41.73
		For Bolt-On, Add	*52.99*	
		For Installation In New Panelboard, Deduct	*-23.18*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.82*	
26 28 16 13-0050	EA	70 To 100 Amperes, 3 Pole, 240 Volt, Branch Circuit Breaker, 18,000 Amperes Interrupting Capacity	389.79	52.16
		For Bolt-On, Add	*69.01*	
		For Installation In New Panelboard, Deduct	*-28.98*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*34.77*	
26 28 16 13-0051	EA	110 To 125 Amperes, 3 Pole, 240 Volt, Branch Circuit Breaker, 18,000 Amperes Interrupting Capacity	995.78	62.58
		For Bolt-On, Add	*148.81*	
		For Installation In New Panelboard, Deduct	*-34.77*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*41.72*	

26 28 16 13-0052 Branch Circuit Breakers 22,000 Amperes Interrupting Capacity, Plug-On *(26 28 16 13-0001)*

Note: Includes connection of electrical wire.

26 28 16 13-0053	EA	15 To 30 Amperes, 1 Pole, 120/240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity	103.43	20.86
		For Bolt-On, Add	*21.04*	
		For Installation In New Panelboard, Deduct	*-11.59*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.91*	
26 28 16 13-0054	EA	35 To 60 Amperes, 1 Pole, 120/240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity	103.43	20.86
		For Bolt-On, Add	*21.04*	
		For Installation In New Panelboard, Deduct	*-11.59*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.91*	
26 28 16 13-0055	EA	70 To 100 Amperes, 1 Pole, 120/240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity	122.35	26.08
		For Bolt-On, Add	*25.44*	
		For Installation In New Panelboard, Deduct	*-14.49*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.39*	
26 28 16 13-0056	EA	15 To 30 Amperes, 1 Pole GFI, 120/240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity	202.95	26.08
		For Bolt-On, Add	*35.51*	
		For Installation In New Panelboard, Deduct	*-14.49*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.39*	
26 28 16 13-0057	EA	15 To 30 Amperes, 2 Pole, 120/240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity	216.15	31.29
		For Bolt-On, Add	*39.19*	
		For Installation In New Panelboard, Deduct	*-17.39*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.86*	
26 28 16 13-0058	EA	35 To 60 Amperes, 2 Pole, 120/240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity	216.15	31.29
		For Bolt-On, Add	*39.19*	
		For Installation In New Panelboard, Deduct	*-17.39*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.86*	
26 28 16 13-0059	EA	70 To 100 Amperes, 2 Pole, 120/240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity	263.15	41.73
		For Bolt-On, Add	*49.12*	
		For Installation In New Panelboard, Deduct	*-23.18*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.82*	
26 28 16 13-0060	EA	110 To 125 Amperes, 2 Pole, 240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity	377.19	52.16
		For Bolt-On, Add	*67.43*	
		For Installation In New Panelboard, Deduct	*-28.98*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*34.77*	
26 28 16 13-0061	EA	150 To 225 Amperes, 2 Pole, 240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity	485.11	57.95
		For Bolt-On, Add	*82.95*	
		For Installation In New Panelboard, Deduct	*-31.87*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*38.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 13-0062	EA	250 Amperes, 2 Pole, 240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity	604.65	67.81
		For Bolt-On, Add	*101.95*	
		For Installation In New Panelboard, Deduct	*-37.67*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*45.20*	
26 28 16 13-0063	EA	300 To 400 Amperes, 2 Pole, 240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity	653.74	78.23
		For Bolt-On, Add	*112.14*	
		For Installation In New Panelboard, Deduct	*-43.46*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*52.16*	
26 28 16 13-0064	EA	15 To 30 Amperes, 3 Pole, 120/240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity	263.68	41.73
		For Bolt-On, Add	*49.19*	
		For Installation In New Panelboard, Deduct	*-23.18*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.82*	
26 28 16 13-0065	EA	35 To 60 Amperes, 3 Pole, 120/240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity	263.68	41.73
		For Bolt-On, Add	*49.19*	
		For Installation In New Panelboard, Deduct	*-23.18*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.82*	
26 28 16 13-0066	EA	70 To 100 Amperes, 3 Pole, 120/240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity	310.17	52.16
		For Bolt-On, Add	*59.06*	
		For Installation In New Panelboard, Deduct	*-28.98*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*34.77*	
26 28 16 13-0067	EA	110 To 125 Amperes, 3 Pole, 240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity	466.86	62.58
		For Bolt-On, Add	*82.70*	
		For Installation In New Panelboard, Deduct	*-34.77*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*41.72*	
26 28 16 13-0068	EA	150 To 225 Amperes, 3 Pole, 240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity	612.42	81.13
		For Bolt-On, Add	*107.99*	
		For Installation In New Panelboard, Deduct	*-44.92*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*53.90*	
26 28 16 13-0069	EA	250 Amperes, 3 Pole, 240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity	755.01	93.88
		For Bolt-On, Add	*130.88*	
		For Installation In New Panelboard, Deduct	*-52.16*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*62.59*	
26 28 16 13-0070	EA	300 To 400 Amperes, 3 Pole, 240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity	802.74	99.68
		For Bolt-On, Add	*138.88*	
		For Installation In New Panelboard, Deduct	*-55.06*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*66.07*	

26 28 16 13-0071 Branch Circuit Breakers 25,000 Amperes Interrupting Capacity, Plug-On *(26 28 16 13-0001)*

Note: Includes connection of electrical wire.

26 28 16 13-0072	EA	15 To 30 Amperes, 2 Pole, 240/480 Volt, Branch Circuit Breaker, 25,000 Amperes Interrupting Capacity	224.01	31.29
		For Bolt-On, Add	*40.17*	
		For Installation In New Panelboard, Deduct	*-17.39*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.86*	
26 28 16 13-0073	EA	35 To 60 Amperes, 2 Pole, 240/480 Volt, Branch Circuit Breaker, 25,000 Amperes Interrupting Capacity	224.01	31.29
		For Bolt-On, Add	*40.17*	
		For Installation In New Panelboard, Deduct	*-17.39*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.86*	
26 28 16 13-0074	EA	70 To 100 Amperes, 2 Pole, 240/480 Volt, Branch Circuit Breaker, 25,000 Amperes Interrupting Capacity	339.15	41.73
		For Bolt-On, Add	*58.62*	
		For Installation In New Panelboard, Deduct	*-23.18*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.82*	
26 28 16 13-0075	EA	110 To 125 Amperes, 2 Pole, 240/480 Volt, Branch Circuit Breaker, 25,000 Amperes Interrupting Capacity	547.02	52.16
		For Bolt-On, Add	*88.66*	
		For Installation In New Panelboard, Deduct	*-28.98*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*34.77*	
26 28 16 13-0076	EA	150 To 225 Amperes, 2 Pole, 240/480 Volt, Branch Circuit Breaker, 25,000 Amperes Interrupting Capacity	848.10	64.91
		For Bolt-On, Add	*131.36*	
		For Installation In New Panelboard, Deduct	*-36.22*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*43.46*	
26 28 16 13-0077	EA	250 Amperes, 2 Pole, 240/480 Volt, Branch Circuit Breaker, 25,000 Amperes Interrupting Capacity	959.84	67.81
		For Bolt-On, Add	*146.35*	
		For Installation In New Panelboard, Deduct	*-37.67*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*45.20*	
26 28 16 13-0078	EA	300 To 400 Amperes, 2 Pole, 240/480 Volt, Branch Circuit Breaker, 25,000 Amperes Interrupting Capacity	1,049.81	78.23
		For Bolt-On, Add	*161.65*	
		For Installation In New Panelboard, Deduct	*-43.46*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*52.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 13-0079	EA	15 To 30 Amperes, 3 Pole, 240/480 Volt, Branch Circuit Breaker, 25,000 Amperes Interrupting Capacity	321.12	41.73
		For Bolt-On, Add	*56.37*	
		For Installation In New Panelboard, Deduct	*-23.18*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.82*	
26 28 16 13-0080	EA	35 To 60 Amperes, 3 Pole, 240/480 Volt, Branch Circuit Breaker, 25,000 Amperes Interrupting Capacity	321.12	41.73
		For Bolt-On, Add	*56.37*	
		For Installation In New Panelboard, Deduct	*-23.18*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.82*	
26 28 16 13-0081	EA	70 To 100 Amperes, 3 Pole, 240/480 Volt, Branch Circuit Breaker, 25,000 Amperes Interrupting Capacity	404.41	52.16
		For Bolt-On, Add	*70.84*	
		For Installation In New Panelboard, Deduct	*-28.98*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*34.77*	
26 28 16 13-0082	EA	110 To 125 Amperes, 3 Pole, 240/480 Volt, Branch Circuit Breaker, 25,000 Amperes Interrupting Capacity	679.92	62.58
		For Bolt-On, Add	*109.33*	
		For Installation In New Panelboard, Deduct	*-34.77*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*41.72*	
26 28 16 13-0083	EA	150 To 225 Amperes, 3 Pole, 240/480 Volt, Branch Circuit Breaker, 25,000 Amperes Interrupting Capacity	991.08	81.13
		For Bolt-On, Add	*155.33*	
		For Installation In New Panelboard, Deduct	*-44.92*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*53.90*	
26 28 16 13-0084	EA	250 Amperes, 3 Pole, 240/480 Volt, Branch Circuit Breaker, 25,000 Amperes Interrupting Capacity	1,170.26	93.88
		For Bolt-On, Add	*182.79*	
		For Installation In New Panelboard, Deduct	*-52.16*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*62.59*	
26 28 16 13-0085	EA	300 To 400 Amperes, 3 Pole, 240/480 Volt, Branch Circuit Breaker, 25,000 Amperes Interrupting Capacity	1,265.52	99.68
		For Bolt-On, Add	*196.73*	
		For Installation In New Panelboard, Deduct	*-55.06*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*66.07*	

26 28 16 13-0086 Branch Circuit Breakers 30,000 Amperes Interrupting Capacity, Plug-On *(26 28 16 13-0001)*

Note: Includes connection of electrical wire.

26 28 16 13-0087	EA	2 Pole, 240/480 Volt, 15-30 Amperes, Branch Circuit Breaker, 30,000 Amperes Interrupting Capacity	231.82	31.29
		For Bolt-On, Add	*41.15*	
		For Installation In New Panelboard, Deduct	*-17.39*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.86*	
26 28 16 13-0088	EA	2 Pole, 240/480 Volt, 35-60 Amperes, Branch Circuit Breaker, 30,000 Amperes Interrupting Capacity	231.82	31.29
		For Bolt-On, Add	*41.15*	
		For Installation In New Panelboard, Deduct	*-17.39*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.86*	
26 28 16 13-0089	EA	2 Pole, 240/480 Volt, 70-100 Amperes, Branch Circuit Breaker, 30,000 Amperes Interrupting Capacity	411.28	41.73
		For Bolt-On, Add	*67.64*	
		For Installation In New Panelboard, Deduct	*-23.18*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.82*	
26 28 16 13-0090	EA	2 Pole, 240/480 Volt, 110-125 Amperes, Branch Circuit Breaker, 30,000 Amperes Interrupting Capacity	747.01	52.16
		For Bolt-On, Add	*113.66*	
		For Installation In New Panelboard, Deduct	*-28.98*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*34.77*	
26 28 16 13-0091	EA	2 Pole, 240/480 Volt, 150-225 Amperes, Branch Circuit Breaker, 30,000 Amperes Interrupting Capacity	1,178.68	64.91
		For Bolt-On, Add	*172.69*	
		For Installation In New Panelboard, Deduct	*-36.22*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*43.46*	
26 28 16 13-0092	EA	2 Pole, 240/480 Volt, 250 Amperes, Branch Circuit Breaker, 30,000 Amperes Interrupting Capacity	1,340.04	67.81
		For Bolt-On, Add	*193.87*	
		For Installation In New Panelboard, Deduct	*-37.67*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*45.20*	
26 28 16 13-0093	EA	2 Pole, 240/480 Volt, 300-400 Amperes, Branch Circuit Breaker, 30,000 Amperees Interrupting Capacity	1,460.10	78.23
		For Bolt-On, Add	*212.94*	
		For Installation In New Panelboard, Deduct	*-43.46*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*52.16*	
26 28 16 13-0094	EA	3 Pole, 240/480 Volt, 15-30 Amperes, Branch Circuit Breaker, 30,000 Amperees Interrupting Capacity	375.21	41.73
		For Bolt-On, Add	*63.13*	
		For Installation In New Panelboard, Deduct	*-23.18*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.82*	
26 28 16 13-0095	EA	3 Pole, 240/480 Volt, 35-60 Amperes, Branch Circuit Breaker, 30,000 Amperees Interrupting Capacity	375.21	41.73
		For Bolt-On, Add	*63.13*	
		For Installation In New Panelboard, Deduct	*-23.18*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 13-0096	EA	3 Pole, 240/480 Volt, 70-100 Amperes, Branch Circuit Breaker, 30,000 Amperees Interrupting Capacity	498.18	52.16
		For Bolt-On, Add	*82.56*	
		For Installation In New Panelboard, Deduct	*-28.98*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*34.77*	
26 28 16 13-0097	EA	3 Pole, 240/480 Volt, 110-125 Amperes, Branch Circuit Breaker, 30,000 Amperes Interrupting Capacity	908.42	62.58
		For Bolt-On, Add	*137.89*	
		For Installation In New Panelboard, Deduct	*-34.77*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*41.72*	
26 28 16 13-0098	EA	3 Pole, 240/480 Volt, 150-225 Amperes, Branch Circuit Breaker, 30,000 Amperes Interrupting Capacity	1,148.16	81.13
		For Bolt-On, Add	*174.96*	
		For Installation In New Panelboard, Deduct	*-44.92*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*53.90*	
26 28 16 13-0099	EA	3 Pole, 240/480 Volt, 250 Amperes, Branch Circuit Breaker, 30,000 Amperes Interrupting Capacity	1,823.05	93.88
		For Bolt-On, Add	*264.39*	
		For Installation In New Panelboard, Deduct	*-52.16*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*62.59*	
26 28 16 13-0100	EA	3 Pole, 240/480 Volt, 300-400 Amperes, Branch Circuit Breaker, 30,000 Amperes Interrupting Capacity	1,941.40	99.68
		For Bolt-On, Add	*281.21*	
		For Installation In New Panelboard, Deduct	*-55.06*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*66.07*	

26 28 16 13-0101 Branch Circuit Breakers 35,000 Amperes Interrupting Capacity, Plug-On *(26 28 16 13-0001)*

Note: Includes connection of electrical wire.

26 28 16 13-0102	EA	1 Pole, 480 Volt, 15-30 Amperes, Branch Circuit Breaker, 35,000 Amperes Interrupting Capacity	123.12	20.86
		For Bolt-On, Add	*23.50*	
		For Installation In New Panelboard, Deduct	*-11.59*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.91*	
26 28 16 13-0103	EA	1 Pole, 480 Volt, 35-60 Amperes, Branch Circuit Breaker, 35,000 Amperes Interrupting Capacity	123.12	20.86
		For Bolt-On, Add	*23.50*	
		For Installation In New Panelboard, Deduct	*-11.59*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.91*	
26 28 16 13-0104	EA	1 Pole, 480 Volt, 70-100 Amperes, Branch Circuit Breaker, 35,000 Amperes Interrupting Capacity	210.53	26.08
		For Bolt-On, Add	*36.46*	
		For Installation In New Panelboard, Deduct	*-14.49*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.39*	
26 28 16 13-0105	EA	2 Pole, 480 Volt, 15-30 Amperes, Branch Circuit Breaker, 35,000 Amperes Interrupting Capacity	263.81	31.29
		For Bolt-On, Add	*45.15*	
		For Installation In New Panelboard, Deduct	*-17.39*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.86*	
26 28 16 13-0106	EA	2 Pole, 480 Volt, 35-60 Amperes, Branch Circuit Breaker, 35,000 Amperes Interrupting Capacity	263.81	31.29
		For Bolt-On, Add	*45.15*	
		For Installation In New Panelboard, Deduct	*-17.39*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.86*	
26 28 16 13-0107	EA	2 Pole, 480 Volt, 70-100 Amperes, Branch Circuit Breaker, 35,000 Amperes Interrupting Capacity	477.48	41.73
		For Bolt-On, Add	*75.91*	
		For Installation In New Panelboard, Deduct	*-23.18*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.82*	
26 28 16 13-0108	EA	2 Pole, 480 Volt, 110-125 Amperes, Branch Circuit Breaker, 35,000 Amperes Interrupting Capacity	879.24	52.16
		For Bolt-On, Add	*130.19*	
		For Installation In New Panelboard, Deduct	*-28.98*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*34.77*	
26 28 16 13-0109	EA	2 Pole, 480 Volt, 150-225 Amperes, Branch Circuit Breaker, 35,000 Amperes Interrupting Capacity	1,700.96	64.91
		For Bolt-On, Add	*237.97*	
		For Installation In New Panelboard, Deduct	*-36.22*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*43.46*	
26 28 16 13-0110	EA	3 Pole, 480 Volt, 15-30 Amperes, Branch Circuit Breaker, 35,000 Amperes Interrupting Capacity	432.94	41.73
		For Bolt-On, Add	*70.34*	
		For Installation In New Panelboard, Deduct	*-23.18*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.82*	
26 28 16 13-0111	EA	3 Pole, 480 Volt, 35-60 Amperes, Branch Circuit Breaker, 35,000 Amperes Interrupting Capacity	432.94	41.73
		For Bolt-On, Add	*70.34*	
		For Installation In New Panelboard, Deduct	*-23.18*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.82*	
26 28 16 13-0112	EA	3 Pole, 480 Volt, 70-100 Amperes, Branch Circuit Breaker, 35,000 Amperes Interrupting Capacity	578.38	52.16
		For Bolt-On, Add	*92.58*	
		For Installation In New Panelboard, Deduct	*-28.98*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*34.77*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 13-0113	EA	3 Pole, 480 Volt, 110-125 Amperes, Branch Circuit Breaker, 35,000 Amperes Interrupting Capacity	1,082.73	62.58
		For Bolt-On, Add	*159.68*	
		For Installation In New Panelboard, Deduct	*-34.77*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*41.72*	
26 28 16 13-0114	EA	3 Pole, 480 Volt, 150-225 Amperes, Branch Circuit Breaker, 35,000 Amperes Interrupting Capacity	2,114.83	81.13
		For Bolt-On, Add	*295.79*	
		For Installation In New Panelboard, Deduct	*-44.92*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*53.90*	

26 28 16 13-0115 Branch Circuit Breakers 42,000 Amperes Interrupting Capacity, Plug-On *(26 28 16 13-0001)*

Note: Includes connection of electrical wire.

26 28 16 13-0116	EA	15 To 30 Amperes, 1 Pole, 240 Volt, Branch Circuit Breaker, 42,000 Amperes Interrupting Capacity	178.59	20.86
		For Bolt-On, Add	*30.44*	
		For Installation In New Panelboard, Deduct	*-11.59*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.91*	
26 28 16 13-0117	EA	35 To 60 Amperes, 1 Pole, 240 Volt, Branch Circuit Breaker, 42,000 Ampere Interrupting Capacity	178.59	20.86
		For Bolt-On, Add	*30.44*	
		For Installation In New Panelboard, Deduct	*-11.59*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.91*	
26 28 16 13-0118	EA	70 To 100 Amperes, 1 Pole, 240 Volt, Branch Circuit Breaker, 42,000 Amperes Interrupting Capacity	269.52	26.08
		For Bolt-On, Add	*43.83*	
		For Installation In New Panelboard, Deduct	*-14.49*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*17.39*	
26 28 16 13-0119	EA	15 To 30 Amperes, 2 Pole, 240 Volt, Branch Circuit Breaker, 42,000 Amperes Interrupting Capacity	327.99	31.29
		For Bolt-On, Add	*53.17*	
		For Installation In New Panelboard, Deduct	*-17.39*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.86*	
26 28 16 13-0120	EA	35 To 60 Amperes, 2 Pole, 240 Volt, Branch Circuit Breaker, 42,000 Amperes Interrupting Capacity	327.99	31.29
		For Bolt-On, Add	*53.17*	
		For Installation In New Panelboard, Deduct	*-17.39*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.86*	
26 28 16 13-0121	EA	70 To 100 Amperes, 2 Pole, 240 Volt, Branch Circuit Breaker, 42,000 Amperes Interrupting Capacity	615.63	41.73
		For Bolt-On, Add	*93.18*	
		For Installation In New Panelboard, Deduct	*-23.18*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.82*	
26 28 16 13-0122	EA	110 To 125 Amperes, 2 Pole, 240 Volt, Branch Circuit Breaker, 42,000 Amperes Interrupting Capacity	1,113.65	52.16
		For Bolt-On, Add	*159.49*	
		For Installation In New Panelboard, Deduct	*-28.98*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*34.77*	
26 28 16 13-0123	EA	150 To 225 Amperes, 2 Pole, 240 Volt, Branch Circuit Breaker, 42,000 Amperes Interrupting Capacity	2,213.13	57.95
		For Bolt-On, Add	*298.95*	
		For Installation In New Panelboard, Deduct	*-31.87*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*38.25*	
26 28 16 13-0124	EA	15 To 30 Amperes, 3 Pole, 240 Volt, Branch Circuit Breaker, 42,000 Amperes Interrupting Capacity	561.54	41.73
		For Bolt-On, Add	*86.42*	
		For Installation In New Panelboard, Deduct	*-23.18*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.82*	
26 28 16 13-0125	EA	35 To 60 Amperes, 3 Pole, 240 Volt, Branch Circuit Breaker, 42,000 Amperes Interrupting Capacity	561.54	41.73
		For Bolt-On, Add	*86.42*	
		For Installation In New Panelboard, Deduct	*-23.18*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.82*	
26 28 16 13-0126	EA	70 To 100 Amperes, 3 Pole, 240 Volt, Branch Circuit Breaker, 42,000 Amperes Interrupting Capacity	777.07	52.16
		For Bolt-On, Add	*117.42*	
		For Installation In New Panelboard, Deduct	*-28.98*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*34.77*	
26 28 16 13-0127	EA	110 To 125 Amperes, 3 Pole, 240 Volt, Branch Circuit Breaker, 42,000 Amperes Interrupting Capacity	1,257.03	62.58
		For Bolt-On, Add	*181.47*	
		For Installation In New Panelboard, Deduct	*-34.77*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*41.72*	
26 28 16 13-0128	EA	150 To 225 Amperes, 3 Pole, 240 Volt, Branch Circuit Breaker, 42,000 Amperes Interrupting Capacity	2,794.23	81.13
		For Bolt-On, Add	*380.72*	
		For Installation In New Panelboard, Deduct	*-44.92*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*53.90*	

26 28 16 13-0129 Branch Circuit Breakers 65,000 Amperes Interrupting Capacity, Plug-On *(26 28 16 13-0001)*

Note: Includes connection of electrical wire.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 13-0130	EA	15 To 30 Amperes, 1 Pole, 240 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity	82.85	20.86
		For Bolt-On, Add	*18.47*	
		For Installation In New Panelboard, Deduct	*-11.59*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.91*	
26 28 16 13-0131	EA	15 To 30 Amperes, 2 Pole, 240 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity	172.36	31.29
		For Bolt-On, Add	*33.71*	
		For Installation In New Panelboard, Deduct	*-17.39*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.86*	
26 28 16 13-0132	EA	15 To 30 Amperes, 3 Pole, 240 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity	271.83	41.73
		For Bolt-On, Add	*50.20*	
		For Installation In New Panelboard, Deduct	*-23.18*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.82*	
26 28 16 13-0133	EA	15 To 30 Amperes, 1 Pole, 480 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity	169.08	20.86
		For Bolt-On, Add	*29.25*	
		For Installation In New Panelboard, Deduct	*-11.59*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.91*	
26 28 16 13-0134	EA	35 To 60 Amperes, 1 Pole, 480 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity	169.08	20.86
		For Bolt-On, Add	*29.25*	
		For Installation In New Panelboard, Deduct	*-11.59*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*13.91*	
26 28 16 13-0135	EA	70 To 100 Amperes, 1 Pole, 480 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity	336.75	41.73
		For Bolt-On, Add	*58.32*	
		For Installation In New Panelboard, Deduct	*-23.18*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.82*	
26 28 16 13-0136	EA	15 To 30 Amperes, 2 Pole, 480 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity	380.85	31.29
		For Bolt-On, Add	*59.78*	
		For Installation In New Panelboard, Deduct	*-17.39*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.86*	
26 28 16 13-0137	EA	35 To 60 Amperes, 2 Pole, 480 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity	380.85	31.29
		For Bolt-On, Add	*59.78*	
		For Installation In New Panelboard, Deduct	*-17.39*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*20.86*	
26 28 16 13-0138	EA	70 To 100 Amperes, 2 Pole, 480 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity	734.77	41.73
		For Bolt-On, Add	*108.07*	
		For Installation In New Panelboard, Deduct	*-23.18*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.82*	
26 28 16 13-0139	EA	110 To 125 Amperes, 2 Pole, 480 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity	1,245.88	52.16
		For Bolt-On, Add	*176.02*	
		For Installation In New Panelboard, Deduct	*-28.98*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*34.77*	
26 28 16 13-0140	EA	150 To 225 Amperes, 2 Pole, 480 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity	2,739.15	64.91
		For Bolt-On, Add	*367.75*	
		For Installation In New Panelboard, Deduct	*-36.22*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*43.46*	
26 28 16 13-0141	EA	15 To 30 Amperes, 3 Pole, 480 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity	637.16	41.73
		For Bolt-On, Add	*95.87*	
		For Installation In New Panelboard, Deduct	*-23.18*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.82*	
26 28 16 13-0142	EA	35 To 60 Amperes, 3 Pole, 480 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity	637.16	41.73
		For Bolt-On, Add	*95.87*	
		For Installation In New Panelboard, Deduct	*-23.18*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*27.82*	
26 28 16 13-0143	EA	70 To 100 Amperes, 3 Pole, 480 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity	886.85	52.16
		For Bolt-On, Add	*131.14*	
		For Installation In New Panelboard, Deduct	*-28.98*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*34.77*	
26 28 16 13-0144	EA	110 To 125 Amperes, 3 Pole, 480 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity	1,353.20	62.58
		For Bolt-On, Add	*193.49*	
		For Installation In New Panelboard, Deduct	*-34.77*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*41.72*	
26 28 16 13-0145	EA	150 To 225 Amperes, 3 Pole, 480 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity	3,406.04	81.13
		For Bolt-On, Add	*457.20*	
		For Installation In New Panelboard, Deduct	*-44.92*	
		Note: Also for use with new interiors in panelboards.		
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	*53.90*	

26 28 16 16 Enclosed Switches *(26 28 16)*

26 28 16 16-0001 Motor And Circuit Disconnects *(26 28 16 16)*

Note: Work includes mounting, material handling, uploading at job site and termination of all conductors entering and leaving the disconnect.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 16-0002		NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0001)*		
26 28 16 16-0003		Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0002)* Note: Includes fuses and neutral bar.		
26 28 16 16-0004		240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0003)*		
26 28 16 16-0005	EA	30 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	473.43	115.91
26 28 16 16-0006	EA	60 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	762.59	139.66
26 28 16 16-0007	EA	100 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,060.64	163.43
26 28 16 16-0008	EA	200 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,837.24	257.30
26 28 16 16-0009	EA	400 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	3,971.48	399.86
26 28 16 16-0010	EA	600 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	6,665.39	591.11
26 28 16 16-0011	EA	800 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	9,141.25	695.42
26 28 16 16-0012	EA	1,200 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	12,326.42	811.33
26 28 16 16-0013		600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0003)*		
26 28 16 16-0014	EA	30 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	741.27	128.77
26 28 16 16-0015	EA	60 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	894.47	155.20
26 28 16 16-0016	EA	100 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,450.97	181.39
26 28 16 16-0017	EA	200 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	2,137.38	286.28
26 28 16 16-0018	EA	400 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	4,742.40	444.15
26 28 16 16-0019	EA	600 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	7,408.68	656.48
26 28 16 16-0020	EA	800 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	11,042.26	772.27
26 28 16 16-0021	EA	1,200 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	15,152.92	901.49
26 28 16 16-0022		240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0003)*		
26 28 16 16-0023	EA	30 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	665.95	181.97
26 28 16 16-0024	EA	60 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	993.10	241.66
26 28 16 16-0025	EA	100 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,361.86	268.32
26 28 16 16-0026	EA	200 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	2,156.23	420.15
26 28 16 16-0027	EA	400 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	4,558.14	689.62
26 28 16 16-0028	EA	600 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	7,481.73	966.05
26 28 16 16-0029		600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0003)*		
26 28 16 16-0030	EA	30 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	886.14	201.09
26 28 16 16-0031	EA	60 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,120.82	268.32
26 28 16 16-0032	EA	100 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,691.99	301.93
26 28 16 16-0033	EA	200 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	2,484.61	460.13
26 28 16 16-0034	EA	400 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	5,655.66	742.94
26 28 16 16-0035	EA	600 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	9,154.17	1,073.27
26 28 16 16-0036	EA	800 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	14,753.91	1,274.94
26 28 16 16-0037	EA	1,200 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	18,938.34	1,448.79

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 16-0038		240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0003)*		
26 28 16 16-0039	EA	30 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	642.74	181.97
26 28 16 16-0040	EA	60 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	963.11	241.66
26 28 16 16-0041	EA	100 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,307.30	268.32
26 28 16 16-0042	EA	200 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	2,231.27	420.15
26 28 16 16-0043	EA	400 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	4,981.00	689.62
26 28 16 16-0044	EA	600 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	8,117.89	966.05
26 28 16 16-0045	EA	800 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	13,601.71	1,216.98
26 28 16 16-0046	EA	1,200 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	16,817.78	1,390.85
26 28 16 16-0047		600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0003)*		
26 28 16 16-0048	EA	30 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	971.28	201.09
26 28 16 16-0049	EA	60 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,225.45	268.32
26 28 16 16-0050	EA	100 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,844.99	301.93
26 28 16 16-0051	EA	200 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	2,713.64	460.13
26 28 16 16-0052	EA	400 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	6,144.31	742.94
26 28 16 16-0053	EA	600 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	10,017.18	1,073.27
26 28 16 16-0054	EA	800 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	16,186.71	1,274.94
26 28 16 16-0055	EA	1,200 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	20,486.06	1,448.79
26 28 16 16-0056		Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0002)*		
26 28 16 16-0057		240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0056)*		
26 28 16 16-0058	EA	30 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	458.75	167.71
26 28 16 16-0059	EA	60 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	720.65	233.31
26 28 16 16-0060	EA	100 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,008.95	268.32
26 28 16 16-0061	EA	200 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,578.13	429.30
26 28 16 16-0062	EA	400 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	3,228.77	715.47
26 28 16 16-0063	EA	600 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	5,336.85	975.68
26 28 16 16-0064	EA	800 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	7,692.46	1,159.04
26 28 16 16-0065	EA	1,200 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	10,210.40	1,352.71
26 28 16 16-0066		600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0056)*		
26 28 16 16-0067	EA	30 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	506.77	185.10
26 28 16 16-0068	EA	60 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	816.91	261.83
26 28 16 16-0069	EA	100 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,141.90	298.10
26 28 16 16-0070	EA	200 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,771.39	466.63
26 28 16 16-0071	EA	400 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	3,474.27	766.58
26 28 16 16-0072	EA	600 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	5,903.32	1,073.15
26 28 16 16-0073	EA	800 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	8,568.32	1,159.04
26 28 16 16-0074	EA	1,200 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	11,409.85	1,352.71

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 16-0075		**240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches** *(26 28 16 16-0056)*		
26 28 16 16-0076	EA	30 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	528.77	150.68
26 28 16 16-0077	EA	60 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	818.06	209.78
26 28 16 16-0078	EA	100 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,120.97	241.66
26 28 16 16-0079	EA	200 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,758.27	386.53
26 28 16 16-0080	EA	400 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	3,574.10	643.85
26 28 16 16-0081	EA	600 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	5,828.09	877.97
26 28 16 16-0082	EA	800 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	10,223.58	1,043.13
26 28 16 16-0083	EA	1,200 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	13,381.33	1,216.98
26 28 16 16-0084		**480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches** *(26 28 16 16-0056)*		
26 28 16 16-0085	EA	30 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	576.12	166.32
26 28 16 16-0086	EA	60 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	897.69	235.87
26 28 16 16-0087	EA	100 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,220.19	268.32
26 28 16 16-0088	EA	200 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,895.85	420.15
26 28 16 16-0089	EA	400 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	3,829.36	689.62
26 28 16 16-0090	EA	600 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	6,294.57	966.05
26 28 16 16-0091	EA	800 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	10,803.32	1,043.13
26 28 16 16-0092		**600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches** *(26 28 16 16-0056)*		
26 28 16 16-0093	EA	30 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	619.32	166.55
26 28 16 16-0094	EA	60 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	971.37	235.63
26 28 16 16-0095	EA	100 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,340.02	268.32
26 28 16 16-0096	EA	200 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	2,080.42	419.92
26 28 16 16-0097	EA	400 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	4,087.54	689.85
26 28 16 16-0098	EA	600 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	7,058.65	965.82
26 28 16 16-0099	EA	800 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	11,675.30	1,043.13
26 28 16 16-0100	EA	1,200 Amperes, 600 Volt Class, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	15,335.59	1,216.98
26 28 16 16-0101		**240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches** *(26 28 16 16-0056)*		
26 28 16 16-0102	EA	30 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	943.75	150.91
26 28 16 16-0103	EA	60 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,129.30	210.02
26 28 16 16-0104	EA	100 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,762.89	241.43
26 28 16 16-0105	EA	200 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	2,636.21	386.30
26 28 16 16-0106		**480 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches** *(26 28 16 16-0056)*		
26 28 16 16-0107	EA	30 Amperes, 480 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,020.85	166.32
26 28 16 16-0108	EA	60 Amperes, 480 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,231.19	235.87
26 28 16 16-0109	EA	100 Amperes, 480 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,907.99	268.32
26 28 16 16-0110	EA	200 Amperes, 480 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	2,836.52	420.15

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 16-0111		600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0056)*		
26 28 16 16-0112	EA	30 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,141.11	166.55
26 28 16 16-0113	EA	60 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,363.84	235.63
26 28 16 16-0114	EA	100 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	2,146.52	268.32
26 28 16 16-0115	EA	200 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	3,184.00	419.92
26 28 16 16-0116		General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0002)* Note: Includes fuses and neutral bar.		
26 28 16 16-0117		240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0116)*		
26 28 16 16-0118	EA	30 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	320.55	100.83
26 28 16 16-0119	EA	60 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	443.19	121.35
26 28 16 16-0120	EA	100 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	699.32	141.87
26 28 16 16-0121	EA	200 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,309.67	223.81
26 28 16 16-0122	EA	400 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	3,187.61	347.13
26 28 16 16-0123	EA	600 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	6,014.36	513.80
26 28 16 16-0124		240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0116)*		
26 28 16 16-0125	EA	30 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	435.42	158.44
26 28 16 16-0126	EA	60 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	620.02	210.02
26 28 16 16-0127	EA	100 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	882.18	233.31
26 28 16 16-0128	EA	200 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,593.86	365.21
26 28 16 16-0129	EA	400 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	3,696.31	599.92
26 28 16 16-0130	EA	600 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	6,672.72	839.84
26 28 16 16-0131		240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0116)*		
26 28 16 16-0132	EA	30 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	491.53	158.44
26 28 16 16-0133	EA	60 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	710.48	210.02
26 28 16 16-0134	EA	100 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	964.50	233.31
26 28 16 16-0135	EA	200 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,801.25	365.21
26 28 16 16-0136	EA	400 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	4,050.79	599.92
26 28 16 16-0137	EA	600 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	6,897.43	839.84
26 28 16 16-0138		General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0002)*		
26 28 16 16-0139		240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0138)*		
26 28 16 16-0140	EA	60 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	436.99	140.24
26 28 16 16-0141	EA	100 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	591.59	161.22
26 28 16 16-0142	EA	200 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,377.92	257.66
26 28 16 16-0143	EA	400 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	3,003.71	428.84
26 28 16 16-0144	EA	600 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	5,261.77	584.38

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 16-0145			240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0138)*		
	26 28 16 16-0146	EA	30 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	413.32	131.20
	26 28 16 16-0147	EA	60 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	565.24	182.55
	26 28 16 16-0148	EA	100 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	886.30	210.02
	26 28 16 16-0149	EA	200 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,535.42	336.01
	26 28 16 16-0150	EA	400 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	3,267.17	560.04
	26 28 16 16-0151	EA	600 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	5,622.28	763.34
26 28 16 16-0152			NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches *(26 28 16 16-0001)*		
26 28 16 16-0153			Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches *(26 28 16 16-0152)* Note: With fuses, neutral bar, and hub if required.		
26 28 16 16-0154			240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches *(26 28 16 16-0153)*		
	26 28 16 16-0155	EA	30 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	708.61	136.18
	26 28 16 16-0156	EA	60 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,148.09	163.43
	26 28 16 16-0157	EA	100 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,440.46	190.08
	26 28 16 16-0158	EA	200 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	2,103.99	289.76
	26 28 16 16-0159	EA	400 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	4,718.21	463.61
	26 28 16 16-0160	EA	600 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	8,345.19	618.35
	26 28 16 16-0161	EA	800 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	12,602.59	695.42
	26 28 16 16-0162	EA	1,200 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	16,742.88	811.33
26 28 16 16-0163			600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches *(26 28 16 16-0153)*		
	26 28 16 16-0164	EA	30 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,240.22	181.51
	26 28 16 16-0165	EA	60 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,474.35	222.53
	26 28 16 16-0166	EA	100 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	2,116.23	255.57
	26 28 16 16-0167	EA	200 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	2,972.54	383.30
	26 28 16 16-0168	EA	400 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	6,549.65	627.15
	26 28 16 16-0169	EA	600 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	12,158.52	862.43
	26 28 16 16-0170	EA	800 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	17,983.62	993.07
	26 28 16 16-0171	EA	1,200 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	19,801.33	1,117.89
26 28 16 16-0172			240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches *(26 28 16 16-0153)*		
	26 28 16 16-0173	EA	30 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	887.94	214.43
	26 28 16 16-0174	EA	60 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,431.59	283.97
	26 28 16 16-0175	EA	100 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,737.50	311.78
	26 28 16 16-0176	EA	200 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	2,568.10	482.74
	26 28 16 16-0177	EA	400 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	5,647.49	804.95
	26 28 16 16-0178	EA	600 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	9,526.10	1,073.27

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 16-0179		600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches *(26 28 16 16-0153)*		
26 28 16 16-0180	EA	30 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,388.18	254.18
26 28 16 16-0181	EA	60 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,653.04	311.55
26 28 16 16-0182	EA	100 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	2,236.40	357.68
26 28 16 16-0183	EA	200 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	3,242.10	536.63
26 28 16 16-0184	EA	400 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	6,926.03	878.09
26 28 16 16-0185	EA	600 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	12,658.99	1,207.37
26 28 16 16-0186	EA	800 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	18,044.70	1,390.85
26 28 16 16-0187	EA	1,200 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	21,639.39	1,564.70
26 28 16 16-0188		240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches *(26 28 16 16-0153)*		
26 28 16 16-0189	EA	30 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	983.09	214.43
26 28 16 16-0190	EA	60 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,434.35	283.97
26 28 16 16-0191	EA	100 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,871.27	311.78
26 28 16 16-0192	EA	200 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	2,657.33	482.74
26 28 16 16-0193	EA	400 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	5,729.34	804.95
26 28 16 16-0194	EA	600 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	10,426.40	1,073.27
26 28 16 16-0195	EA	800 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	17,627.90	1,216.98
26 28 16 16-0196	EA	1,200 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	22,022.94	1,390.85
26 28 16 16-0197		600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches *(26 28 16 16-0153)*		
26 28 16 16-0198	EA	30 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,442.77	254.41
26 28 16 16-0199	EA	60 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,714.41	311.78
26 28 16 16-0200	EA	100 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	2,372.81	357.57
26 28 16 16-0201	EA	200 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	3,330.77	536.63
26 28 16 16-0202	EA	400 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	7,246.59	877.97
26 28 16 16-0203	EA	600 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	13,027.29	1,207.13
26 28 16 16-0204	EA	800 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	19,204.45	1,390.85
26 28 16 16-0205	EA	1,200 Amperes, 600 Volt Class, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	23,168.08	1,564.70
26 28 16 16-0206		Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches *(26 28 16 16-0152)*		
26 28 16 16-0207		240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches *(26 28 16 16-0206)*		
26 28 16 16-0208	EA	30 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	676.71	119.27
26 28 16 16-0209	EA	60 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,116.74	165.16
26 28 16 16-0210	EA	100 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,479.34	189.39
26 28 16 16-0211	EA	200 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,946.50	306.68
26 28 16 16-0212	EA	400 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	4,401.96	511.60
26 28 16 16-0213	EA	600 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	8,127.51	682.10
26 28 16 16-0214	EA	800 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	13,190.00	811.68

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 16-0215	EA	1,200 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	17,470.03	927.57
26 28 16 16-0216		**600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches** *(26 28 16 16-0206)*		
26 28 16 16-0217	EA	30 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	763.04	131.43
26 28 16 16-0218	EA	60 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,266.80	183.94
26 28 16 16-0219	EA	100 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,672.88	207.70
26 28 16 16-0220	EA	200 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	2,167.65	321.98
26 28 16 16-0221	EA	400 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	5,013.37	536.63
26 28 16 16-0222	EA	600 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	8,783.38	715.47
26 28 16 16-0223	EA	800 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	14,072.91	850.27
26 28 16 16-0224	EA	1,200 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	18,633.83	965.82
26 28 16 16-0225		**240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches** *(26 28 16 16-0206)*		
26 28 16 16-0226	EA	30 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	795.96	178.84
26 28 16 16-0227	EA	60 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,281.84	247.68
26 28 16 16-0228	EA	100 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,668.72	284.08
26 28 16 16-0229	EA	200 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	2,253.12	460.02
26 28 16 16-0230	EA	400 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	4,982.05	767.28
26 28 16 16-0231	EA	600 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	8,943.80	1,022.84
26 28 16 16-0232	EA	800 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	14,151.54	1,216.98
26 28 16 16-0233	EA	1,200 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	18,823.82	1,390.85
26 28 16 16-0234		**480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches** *(26 28 16 16-0206)*		
26 28 16 16-0235	EA	30 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	863.76	197.04
26 28 16 16-0236	EA	60 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,394.64	275.97
26 28 16 16-0237	EA	100 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,802.32	311.55
26 28 16 16-0238	EA	200 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	2,394.34	482.97
26 28 16 16-0239	EA	400 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	5,303.32	804.83
26 28 16 16-0240	EA	600 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	9,536.52	1,073.15
26 28 16 16-0241	EA	800 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	15,104.18	1,274.94
26 28 16 16-0242	EA	1,200 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	20,083.69	1,448.79
26 28 16 16-0243		**600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches** *(26 28 16 16-0206)*		
26 28 16 16-0244	EA	30 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	429.73	197.04
26 28 16 16-0245	EA	60 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,450.78	275.97
26 28 16 16-0246	EA	100 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,880.60	311.55
26 28 16 16-0247	EA	200 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	2,489.60	482.97
26 28 16 16-0248	EA	400 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	5,549.96	804.83
26 28 16 16-0249	EA	600 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	9,498.83	1,073.15
26 28 16 16-0250	EA	800 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	15,083.07	1,274.94
26 28 16 16-0251	EA	1,200 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	20,054.96	1,448.79

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 16-0252		General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches *(26 28 16 16-0152)* Note: With fuses, neutral bar, and hub if required.		
26 28 16 16-0253		240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches *(26 28 16 16-0252)*		
26 28 16 16-0254	EA	30 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	419.44	118.45
26 28 16 16-0255	EA	60 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	601.84	142.10
26 28 16 16-0256	EA	100 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	800.08	165.28
26 28 16 16-0257	EA	200 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,675.56	251.97
26 28 16 16-0258	EA	400 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	4,183.53	403.11
26 28 16 16-0259	EA	600 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	7,486.17	537.79
26 28 16 16-0260		240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches *(26 28 16 16-0252)*		
26 28 16 16-0261	EA	30 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	556.56	186.72
26 28 16 16-0262	EA	60 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	812.21	246.99
26 28 16 16-0263	EA	100 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,011.02	270.99
26 28 16 16-0264	EA	200 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	2,012.70	419.92
26 28 16 16-0265	EA	400 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	4,779.74	699.83
26 28 16 16-0266	EA	600 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	8,287.62	933.49
26 28 16 16-0267		240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches *(26 28 16 16-0252)*		
26 28 16 16-0268	EA	30 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	635.21	186.60
26 28 16 16-0269	EA	60 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	891.01	246.99
26 28 16 16-0270	EA	100 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,264.88	270.99
26 28 16 16-0271	EA	200 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	2,176.68	419.92
26 28 16 16-0272	EA	400 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	4,885.08	699.94
26 28 16 16-0273	EA	600 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	9,110.34	933.49
26 28 16 16-0274	EA	800 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	13,129.52	1,057.50
26 28 16 16-0275		General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches *(26 28 16 16-0152)*		
26 28 16 16-0276		240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches *(26 28 16 16-0275)*		
26 28 16 16-0277	EA	30 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	379.77	103.73
26 28 16 16-0278	EA	60 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	631.93	143.60
26 28 16 16-0279	EA	100 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	658.74	164.70
26 28 16 16-0280	EA	200 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,705.56	266.58
26 28 16 16-0281	EA	400 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	4,268.04	444.84
26 28 16 16-0282	EA	600 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	7,600.46	593.08
26 28 16 16-0283		240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches *(26 28 16 16-0275)*		
26 28 16 16-0284	EA	30 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	597.16	155.54

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 16-0285	EA	60 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	863.04	215.35
26 28 16 16-0286	EA	100 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,290.96	246.99
26 28 16 16-0287	EA	200 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	2,228.76	399.98
26 28 16 16-0288		NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0001)*		
26 28 16 16-0289		Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0288)* Note: With fuses and neutral bar (stainless steel).		
26 28 16 16-0290		240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0289)*		
26 28 16 16-0291	EA	30 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	1,980.14	115.91
26 28 16 16-0292	EA	60 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,378.49	139.66
26 28 16 16-0293	EA	100 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	4,901.23	163.19
26 28 16 16-0294	EA	200 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	6,766.24	257.54
26 28 16 16-0295	EA	400 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	13,805.36	399.63
26 28 16 16-0296	EA	600 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	19,837.58	590.88
26 28 16 16-0297		600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0289)*		
26 28 16 16-0298	EA	30 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,520.20	128.77
26 28 16 16-0299	EA	60 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,797.79	155.08
26 28 16 16-0300	EA	100 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	5,297.26	181.27
26 28 16 16-0301	EA	200 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	7,474.50	286.28
26 28 16 16-0302	EA	400 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	14,325.19	444.38
26 28 16 16-0303	EA	600 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	20,532.55	656.48
26 28 16 16-0304		240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0289)*		
26 28 16 16-0305	EA	30 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,204.27	182.20
26 28 16 16-0306	EA	60 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,757.57	241.43
26 28 16 16-0307	EA	100 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	5,337.75	268.32
26 28 16 16-0308	EA	200 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	7,572.30	419.92
26 28 16 16-0309	EA	400 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	14,816.16	689.85
26 28 16 16-0310	EA	600 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	21,151.38	965.82
26 28 16 16-0311		600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0289)*		
26 28 16 16-0312	EA	30 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,672.13	201.21
26 28 16 16-0313	EA	60 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	3,031.89	268.32
26 28 16 16-0314	EA	100 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	5,553.67	301.82
26 28 16 16-0315	EA	200 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	7,843.25	459.90
26 28 16 16-0316	EA	400 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	15,289.07	742.94
26 28 16 16-0317	EA	600 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	21,749.31	1,073.15
26 28 16 16-0318		240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0289)*		
26 28 16 16-0319	EA	30 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,649.14	182.20

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26 28 16 16-0320	EA	60 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	3,313.71	241.43
26 28 16 16-0321	EA	100 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	6,450.58	268.32
26 28 16 16-0322	EA	200 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	9,094.04	419.92
26 28 16 16-0323	EA	400 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	17,811.14	689.85
26 28 16 16-0324	EA	600 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	25,267.20	965.82
26 28 16 16-0325		600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0289)*		
26 28 16 16-0326	EA	30 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	3,197.80	201.21
26 28 16 16-0327	EA	60 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	3,627.99	268.32
26 28 16 16-0328	EA	100 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	6,689.58	301.82
26 28 16 16-0329	EA	200 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	9,377.71	459.90
26 28 16 16-0330	EA	400 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	18,324.47	742.94
26 28 16 16-0331	EA	600 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	25,921.25	1,073.15
26 28 16 16-0332		Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0288)*		
26 28 16 16-0333		240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0332)*		
26 28 16 16-0334	EA	30 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	1,898.05	115.91
26 28 16 16-0335	EA	60 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,302.34	161.22
26 28 16 16-0336	EA	100 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	4,380.39	185.45
26 28 16 16-0337	EA	200 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	6,062.27	296.24
26 28 16 16-0338	EA	400 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	11,054.85	493.29
26 28 16 16-0339	EA	600 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	15,846.80	672.01
26 28 16 16-0340		600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0332)*		
26 28 16 16-0341	EA	30 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,160.06	127.85
26 28 16 16-0342	EA	60 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,624.15	180.81
26 28 16 16-0343	EA	100 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	4,994.36	206.08
26 28 16 16-0344	EA	200 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	6,895.16	321.98
26 28 16 16-0345	EA	400 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	12,566.43	529.91
26 28 16 16-0346	EA	600 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	18,058.32	741.78
26 28 16 16-0347		240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0332)*		
26 28 16 16-0348	EA	30 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	1,968.07	150.91
26 28 16 16-0349	EA	60 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,368.26	210.02
26 28 16 16-0350	EA	100 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,462.75	241.43
26 28 16 16-0351	EA	200 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	4,782.16	386.30
26 28 16 16-0352	EA	400 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	6,757.54	643.96
26 28 16 16-0353	EA	600 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	16,736.50	878.09

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 16-0354		600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0332)*		
26 28 16 16-0355	EA	30 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,237.33	166.55
26 28 16 16-0356	EA	60 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,733.78	235.63
26 28 16 16-0357	EA	100 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	5,118.84	268.32
26 28 16 16-0358	EA	200 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	7,090.99	419.92
26 28 16 16-0359	EA	400 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	14,216.39	689.85
26 28 16 16-0360	EA	600 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	19,052.18	965.82
26 28 16 16-0361		240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0332)*		
26 28 16 16-0362	EA	30 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,728.62	150.91
26 28 16 16-0363	EA	60 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	3,260.33	210.02
26 28 16 16-0364	EA	100 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	7,428.03	241.43
26 28 16 16-0365	EA	200 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	11,324.28	386.30
26 28 16 16-0366		600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0332)*		
26 28 16 16-0367	EA	30 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	3,106.53	166.55
26 28 16 16-0368	EA	60 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	3,717.31	235.63
26 28 16 16-0369	EA	100 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	8,473.84	268.32
26 28 16 16-0370	EA	200 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	12,898.84	419.92
26 28 16 16-0371		Fiberglass Reinforced Polyester NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0288)*		
26 28 16 16-0372		600 Volt Class, 3 Phase, 3 Pole, Fusible, Fiberglass Reinforced Polyester NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0371)*		
26 28 16 16-0373	EA	30 Amperes, 600 Volt Class, 3 Phase, 3 Pole, Fusible, Fiberglass Reinforced Polyester NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	3,609.71	201.09
26 28 16 16-0374	EA	60 Amperes, 600 Volt Class, 3 Phase, 3 Pole, Fusible, Fiberglass Reinforced Polyester NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	4,099.23	268.32
26 28 16 16-0375	EA	100 Amperes, 600 Volt Class, 3 Phase, 3 Pole, Fusible, Fiberglass Reinforced Polyester NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	7,439.55	301.93
26 28 16 16-0376	EA	200 Amperes, 600 Volt Class, 3 Phase, 3 Pole, Fusible, Fiberglass Reinforced Polyester NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	9,657.03	460.13
26 28 16 16-0377		600 Volt Class, 3 Phase, 3 Pole, Non-Fusible, Fiberglass Reinforced Polyester NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0371)*		
26 28 16 16-0378	EA	30 Amperes, 600 Volt Class, 3 Phase, 3 Pole, Non-Fusible, Fiberglass Reinforced Polyester NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	3,388.89	166.32
26 28 16 16-0379	EA	60 Amperes, 600 Volt Class, 3 Phase, 3 Pole, Non-Fusible, Fiberglass Reinforced Polyester NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	3,867.35	235.87
26 28 16 16-0380	EA	100 Amperes, 600 Volt Class, 3 Phase, 3 Pole, Non-Fusible, Fiberglass Reinforced Polyester NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	7,039.60	268.32
26 28 16 16-0381	EA	200 Amperes, 600 Volt Class, 3 Phase, 3 Pole, Non-Fusible, Fiberglass Reinforced Polyester NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	9,547.05	420.15
26 28 16 16-0382		Krydon NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0288)*		
26 28 16 16-0383		600 Volt Class, 3 Phase, 3 Pole, Fusible, Krydon NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0382)*		
26 28 16 16-0384	EA	30 Amperes, 600 Volt Class, 3 Phase, 3 Pole, Fusible, Krydon NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	4,139.01	201.09
26 28 16 16-0385	EA	60 Amperes, 600 Volt Class, 3 Phase, 3 Pole, Fusible, Krydon NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	4,691.50	268.32
26 28 16 16-0386	EA	100 Amperes, 600 Volt Class, 3 Phase, 3 Pole, Fusible, Krydon NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	8,559.63	301.93

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 16-0387		600 Volt Class, 3 Phase, 3 Pole, Non-Fusible, Krydon NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0382)*		
26 28 16 16-0388	EA	30 Amperes, 600 Volt Class, 3 Phase, 3 Pole, Non-Fusible, Krydon NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	3,889.70	166.32
26 28 16 16-0389	EA	60 Amperes, 600 Volt Class, 3 Phase, 3 Pole, Non-Fusible, Krydon NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	4,428.14	235.87
26 28 16 16-0390	EA	100 Amperes, 600 Volt Class, 3 Phase, 3 Pole, Non-Fusible, Krydon NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	8,114.69	268.32
26 28 16 16-0391		NEMA 7 Or 9 Enclosures, Neutral Kit, Safety Switches *(26 28 16 16-0001)* Note: Class 1, groups C and D, division 1 or 2, NEMA 7; Class 2, groups E, F and G, division 1 or 2, NEMA 9; or Class 3, division 1 Or 2, NEMA 9, hazardous locations as defined in NEC article 500.		
26 28 16 16-0392		Heavy Duty Fusible, NEMA 7 Or 9 Enclosures, Neutral Kit, Safety Switches *(26 28 16 16-0391)* Note: With fuses and neutral bar.		
26 28 16 16-0393	EA	30 Amperes, 240 Volt, 3 Phase, Heavy Duty Fusible, NEMA 7 Or 9 Enclosure, Neutral Kit, Safety Switch	3,244.76	231.81
26 28 16 16-0394	EA	60 Amperes, 240 Volt, 3 Phase, Heavy Duty Fusible, NEMA 7 Or 9 Enclosure, Neutral Kit, Safety Switch	3,658.36	275.97
26 28 16 16-0395	EA	100 Amperes, 240 Volt, 3 Phase, Heavy Duty Fusible, NEMA 7 Or 9 Enclosure, Neutral Kit, Safety Switch	4,054.85	311.55
26 28 16 16-0396	EA	200 Amperes, 240 Volt, 3 Phase, Heavy Duty Fusible, NEMA 7 Or 9 Enclosure, Neutral Kit, Safety Switch	8,675.02	482.97
26 28 16 16-0397		Heavy Duty Non-Fusible, NEMA 7 Or 9 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0391)*		
26 28 16 16-0398	EA	60 Amperes, 240 Volt, 3 Phase, Heavy Duty Non-Fusible, NEMA 7 Or 9 Enclosure, Neutral Kit, Safety Switch	2,482.31	275.97
26 28 16 16-0399	EA	100 Amperes, 240 Volt, 3 Phase, Heavy Duty Non-Fusible, NEMA 7 Or 9 Enclosure, Neutral Kit, Safety Switch	2,909.51	311.55
26 28 16 16-0400	EA	200 Amperes, 240 Volt, 3 Phase, Heavy Duty Non-Fusible, NEMA 7 Or 9 Enclosure, Neutral Kit, Safety Switch	5,384.42	482.97
26 28 16 16-0401		NEMA 12 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0001)*		
26 28 16 16-0402		Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0401)* Note: With fuses and neutral bar.		
26 28 16 16-0403		240 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0402)*		
26 28 16 16-0404	EA	30 Amperes, 240 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	693.55	115.91
26 28 16 16-0405	EA	60 Amperes, 240 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	910.34	139.66
26 28 16 16-0406	EA	100 Amperes, 240 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,253.03	163.43
26 28 16 16-0407	EA	200 Amperes, 240 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	2,120.47	257.30
26 28 16 16-0408	EA	400 Amperes, 240 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	4,584.69	399.86
26 28 16 16-0409	EA	600 Amperes, 240 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	8,329.56	591.11
26 28 16 16-0410		600 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0402)*		
26 28 16 16-0411	EA	30 Amperes, 600 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,110.14	128.66
26 28 16 16-0412	EA	60 Amperes, 600 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,135.76	155.31
26 28 16 16-0413	EA	100 Amperes, 600 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,652.70	181.39
26 28 16 16-0414	EA	200 Amperes, 600 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	2,584.67	286.28
26 28 16 16-0415	EA	400 Amperes, 600 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	5,710.90	443.91
26 28 16 16-0416	EA	600 Amperes, 600 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	11,386.00	656.60
26 28 16 16-0417		240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches *(26 28 16 16-0402)*		
26 28 16 16-0418	EA	30 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	955.49	181.97
26 28 16 16-0419	EA	60 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,327.95	241.66
26 28 16 16-0420	EA	100 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,837.17	268.32
26 28 16 16-0421	EA	200 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	2,722.25	420.15
26 28 16 16-0422	EA	400 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	5,397.04	689.62

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 16-0423	EA	600 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	8,720.88	966.05
26 28 16 16-0424		**600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches** *(26 28 16 16-0402)*		
26 28 16 16-0425	EA	30 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,289.12	201.09
26 28 16 16-0426	EA	60 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,443.71	268.32
26 28 16 16-0427	EA	100 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	2,165.55	301.93
26 28 16 16-0428	EA	200 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	3,143.35	460.13
26 28 16 16-0429	EA	400 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	6,676.31	742.94
26 28 16 16-0430	EA	600 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	12,690.81	1,073.27
26 28 16 16-0431		**240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches** *(26 28 16 16-0402)*		
26 28 16 16-0432	EA	30 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,026.07	181.97
26 28 16 16-0433	EA	60 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,376.43	241.66
26 28 16 16-0434	EA	100 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,989.35	268.32
26 28 16 16-0435	EA	200 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	2,913.31	420.15
26 28 16 16-0436	EA	400 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	5,908.60	689.62
26 28 16 16-0437	EA	600 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	9,066.47	966.05
26 28 16 16-0438		**600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches** *(26 28 16 16-0402)*		
26 28 16 16-0439	EA	30 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,370.94	201.09
26 28 16 16-0440	EA	60 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,661.97	268.32
26 28 16 16-0441	EA	100 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	2,315.62	301.93
26 28 16 16-0442	EA	200 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	3,429.80	460.13
26 28 16 16-0443	EA	400 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	7,140.10	742.94
26 28 16 16-0444	EA	600 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	13,072.74	1,073.27
26 28 16 16-0445		**Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches** *(26 28 16 16-0401)*		
26 28 16 16-0446		**240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches** *(26 28 16 16-0445)*		
26 28 16 16-0447	EA	30 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	727.90	167.48
26 28 16 16-0448	EA	60 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	962.19	233.55
26 28 16 16-0449	EA	100 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,287.46	268.32
26 28 16 16-0450	EA	200 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,823.15	429.42
26 28 16 16-0451	EA	400 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	4,074.63	715.70
26 28 16 16-0452	EA	600 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	6,497.12	975.91
26 28 16 16-0453		**600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches** *(26 28 16 16-0445)*		
26 28 16 16-0454	EA	30 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	811.87	184.87
26 28 16 16-0455	EA	60 Amperes, Non-Fused, NEMA 12, Heavy Duty Disconnect Switch, 600 Volt, 1 Phase	1,068.77	261.95
26 28 16 16-0456	EA	100 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,435.19	297.87
26 28 16 16-0457	EA	200 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,980.85	466.51
26 28 16 16-0458	EA	400 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	4,311.29	766.70

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 16-0459	EA	600 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	7,178.74	1,073.27
26 28 16 16-0460		**240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches** *(26 28 16 16-0445)*		
26 28 16 16-0461	EA	30 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	936.75	150.68
26 28 16 16-0462	EA	60 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,227.45	209.78
26 28 16 16-0463	EA	100 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,651.06	241.66
26 28 16 16-0464	EA	200 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	2,338.40	386.53
26 28 16 16-0465	EA	400 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	5,000.23	643.85
26 28 16 16-0466	EA	600 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	7,951.16	877.97
26 28 16 16-0467		**600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches** *(26 28 16 16-0445)*		
26 28 16 16-0468	EA	30 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	908.72	166.32
26 28 16 16-0469	EA	60 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,323.72	235.87
26 28 16 16-0470	EA	100 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,764.27	268.32
26 28 16 16-0471	EA	200 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	2,292.64	420.15
26 28 16 16-0472	EA	400 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	5,001.48	689.62
26 28 16 16-0473	EA	600 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	9,502.46	966.05
26 28 16 16-0474		**240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches** *(26 28 16 16-0445)*		
26 28 16 16-0475	EA	30 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,138.65	150.68
26 28 16 16-0476	EA	60 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,342.28	209.78
26 28 16 16-0477	EA	100 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	2,121.46	241.66
26 28 16 16-0478	EA	200 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	3,362.56	386.53
26 28 16 16-0479	EA	400 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	6,172.62	492.59
26 28 16 16-0480		**600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches** *(26 28 16 16-0445)*		
26 28 16 16-0481	EA	30 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,178.81	166.32
26 28 16 16-0482	EA	60 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,460.13	235.87
26 28 16 16-0483	EA	100 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	2,262.17	268.32
26 28 16 16-0484	EA	200 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	3,445.29	420.15
26 28 16 16-0485	EA	400 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	6,512.22	649.06
26 28 16 16-0486		**Double Throw Safety Switches** *(26 28 16 16-0001)*		
26 28 16 16-0487		**NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switches** *(26 28 16 16-0486)*		
26 28 16 16-0488		**240 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switches** *(26 28 16 16-0487)*		
26 28 16 16-0489	EA	30 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	869.15	148.93
26 28 16 16-0490	EA	60 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	1,294.27	194.72
26 28 16 16-0491	EA	100 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	1,822.96	254.41
26 28 16 16-0492	EA	200 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	2,434.32	330.90
26 28 16 16-0493	EA	400 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	6,028.63	413.78
26 28 16 16-0494	EA	600 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	11,004.09	663.54
26 28 16 16-0495		**240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switches** *(26 28 16 16-0487)*		
26 28 16 16-0496	EA	30 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	1,088.44	208.62

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 16-0497	EA	60 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	1,526.94	272.37
26 28 16 16-0498	EA	100 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	2,320.35	356.40
26 28 16 16-0499	EA	200 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	3,431.46	463.61
26 28 16 16-0500	EA	400 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	8,303.69	579.52
26 28 16 16-0501	EA	600 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	11,538.58	927.22
26 28 16 16-0502		**240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switches** *(26 28 16 16-0487)*		
26 28 16 16-0503	EA	30 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	1,452.88	260.78
26 28 16 16-0504	EA	60 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	2,129.47	340.76
26 28 16 16-0505	EA	100 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	3,843.53	445.07
26 28 16 16-0506	EA	200 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	5,277.44	578.36
26 28 16 16-0507	EA	400 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	10,814.44	724.39
26 28 16 16-0508	EA	600 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	13,583.63	1,160.77
26 28 16 16-0509		**600 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switches** *(26 28 16 16-0487)*		
26 28 16 16-0510	EA	60 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	1,506.96	194.72
26 28 16 16-0511	EA	100 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	2,281.66	254.41
26 28 16 16-0512	EA	200 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	3,381.06	330.90
26 28 16 16-0513	EA	400 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	8,121.79	413.78
26 28 16 16-0514	EA	600 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	11,983.73	663.54
26 28 16 16-0515		**600 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switches** *(26 28 16 16-0487)*		
26 28 16 16-0516	EA	60 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	1,662.08	272.37
26 28 16 16-0517	EA	100 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	2,485.01	356.40
26 28 16 16-0518	EA	200 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	3,645.39	463.61
26 28 16 16-0519	EA	400 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	8,453.02	579.52
26 28 16 16-0520	EA	600 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	12,512.87	927.22
26 28 16 16-0521		**600 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switches** *(26 28 16 16-0487)*		
26 28 16 16-0522	EA	60 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	2,262.47	340.76
26 28 16 16-0523	EA	100 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	4,036.38	445.07
26 28 16 16-0524	EA	200 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	5,674.86	578.36
26 28 16 16-0525	EA	400 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	11,662.48	724.39
26 28 16 16-0526	EA	600 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	14,534.19	1,160.77
26 28 16 16-0527		**NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switches** *(26 28 16 16-0486)*		
26 28 16 16-0528		**240 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switches** *(26 28 16 16-0527)*		
26 28 16 16-0529	EA	100 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	2,305.21	254.41
26 28 16 16-0530	EA	200 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	5,394.33	330.90
26 28 16 16-0531	EA	400 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	17,952.62	413.78
26 28 16 16-0532	EA	600 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	30,941.15	663.54
26 28 16 16-0533		**240 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switches** *(26 28 16 16-0527)*		
26 28 16 16-0534	EA	100 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	3,011.89	355.82
26 28 16 16-0535	EA	200 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	4,910.27	463.03
26 28 16 16-0536	EA	400 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	18,445.22	579.52
26 28 16 16-0537	EA	600 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	19,918.36	928.97
26 28 16 16-0538		**240 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switches** *(26 28 16 16-0527)*		
26 28 16 16-0539	EA	30 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	2,937.83	260.90
26 28 16 16-0540	EA	60 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	3,635.75	340.53
26 28 16 16-0541	EA	100 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	5,112.55	444.96
26 28 16 16-0542	EA	200 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	7,420.21	578.59
26 28 16 16-0543	EA	400 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	12,709.72	724.39
26 28 16 16-0544	EA	600 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	14,692.99	1,160.89
26 28 16 16-0545		**600 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switches** *(26 28 16 16-0527)*		
26 28 16 16-0546	EA	60 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	1,964.08	194.72
26 28 16 16-0547	EA	100 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	3,007.26	254.41
26 28 16 16-0548	EA	200 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	5,530.55	330.90
26 28 16 16-0549	EA	400 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	10,736.26	413.78

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 16-0550	EA	600 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	14,300.24	663.54
26 28 16 16-0551		**600 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switches** *(26 28 16 16-0527)*		
26 28 16 16-0552	EA	60 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	2,202.86	272.37
26 28 16 16-0553	EA	100 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	3,342.40	355.82
26 28 16 16-0554	EA	200 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	6,051.07	463.03
26 28 16 16-0555	EA	400 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	11,589.04	579.52
26 28 16 16-0556	EA	600 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	15,511.34	928.97
26 28 16 16-0557		**600 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switches** *(26 28 16 16-0527)*		
26 28 16 16-0558	EA	60 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	3,666.59	340.53
26 28 16 16-0559	EA	100 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	5,126.69	444.96
26 28 16 16-0560	EA	200 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	7,616.60	578.59
26 28 16 16-0561	EA	400 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	12,686.53	724.39
26 28 16 16-0562	EA	600 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	14,820.80	1,160.89
26 28 16 16-0563		**NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switches** *(26 28 16 16-0486)*		
26 28 16 16-0564		**240 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switches** *(26 28 16 16-0563)*		
26 28 16 16-0565	EA	30 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	2,376.53	149.05
26 28 16 16-0566	EA	60 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	2,681.08	194.60
26 28 16 16-0567	EA	100 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	3,019.20	254.29
26 28 16 16-0568	EA	200 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	4,158.50	330.67
26 28 16 16-0569	EA	400 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	7,856.76	413.89
26 28 16 16-0570	EA	600 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	11,497.56	663.31
26 28 16 16-0571		**240 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switches** *(26 28 16 16-0563)*		
26 28 16 16-0572	EA	30 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	2,715.04	208.62
26 28 16 16-0573	EA	60 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	3,200.62	272.37
26 28 16 16-0574	EA	100 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	3,784.29	355.82
26 28 16 16-0575	EA	200 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	5,290.37	463.03
26 28 16 16-0576	EA	400 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	9,754.88	579.52
26 28 16 16-0577	EA	600 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	12,820.86	928.97
26 28 16 16-0578		**240 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switches** *(26 28 16 16-0563)*		
26 28 16 16-0579	EA	30 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	4,078.24	260.90
26 28 16 16-0580	EA	60 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	4,756.58	340.53
26 28 16 16-0581	EA	100 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	6,530.73	444.96
26 28 16 16-0582	EA	200 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	8,881.94	578.59
26 28 16 16-0583	EA	400 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	16,590.23	724.39
26 28 16 16-0584	EA	600 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	20,503.02	1,160.89
26 28 16 16-0585		**600 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switches** *(26 28 16 16-0563)*		
26 28 16 16-0586	EA	60 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	3,563.47	194.60
26 28 16 16-0587	EA	100 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	3,726.05	254.29
26 28 16 16-0588	EA	200 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	7,128.61	330.67
26 28 16 16-0589	EA	400 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	10,314.05	413.89
26 28 16 16-0590	EA	600 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	13,802.79	663.31
26 28 16 16-0591		**600 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switches** *(26 28 16 16-0563)*		
26 28 16 16-0592	EA	60 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	3,886.17	272.37
26 28 16 16-0593	EA	100 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	4,098.89	355.82
26 28 16 16-0594	EA	200 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	7,732.98	463.03
26 28 16 16-0595	EA	400 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	11,144.19	579.52
26 28 16 16-0596	EA	600 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	14,987.17	928.97
26 28 16 16-0597		**600 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switches** *(26 28 16 16-0563)*		
26 28 16 16-0598	EA	60 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	4,806.85	340.53
26 28 16 16-0599	EA	100 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	6,901.55	444.96
26 28 16 16-0600	EA	200 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	9,100.50	578.59
26 28 16 16-0601	EA	400 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	17,060.69	724.39
26 28 16 16-0602	EA	600 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	21,126.60	1,160.89

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 16-0603		Removal And Reinstallation Of Disconnect Switches *(26 28 16 16-0001)*		
		Note: Includes storage and cleaning.		
26 28 16 16-0604	EA	Removal And Reinstallation Of Up To 100 Amperes Safety Disconnect Switch	579.52	
26 28 16 16-0605	EA	Removal And Reinstallation Of >100 To 200 Amperes Safety Disconnect Switch	753.40	
26 28 16 16-0606	EA	Removal And Reinstallation Of >200 To 300 Amperes Safety Disconnect Switch	840.37	
26 28 16 16-0607	EA	Removal And Reinstallation Of >300 To 400 Amperes Safety Disconnect Switch	985.24	
26 28 16 16-0608		Bolted Contact Switches *(26 28 16 16)*		
		Note: Work includes mounting, material handling, uploading at job site and termination of all conductors entering and leaving the switch.		
26 28 16 16-0609		Electrical Trip, Bolted Contact Switches *(26 28 16 16-0608)*		
26 28 16 16-0610		Top Feed, Electrical Trip, Bolted Contact Switches *(26 28 16 16-0609)*		
26 28 16 16-0611	EA	800 Amperes, Top Feed, Electrical Trip, Bolted Contact Switch (Eaton CB0833T120480)	9,981.16	1,159.04
26 28 16 16-0612	EA	1,200 Amperes, Top Feed, Electrical Trip, Bolted Contact Switch (Eaton CB1233T120480)	10,773.55	1,390.85
26 28 16 16-0613	EA	1,600 Amperes, Top Feed, Electrical Trip, Bolted Contact Switch (Eaton CB1633T120480)	11,698.72	1,622.65
26 28 16 16-0614	EA	2,000 Amperes, Top Feed, Electrical Trip, Bolted Contact Switch (Eaton CB2033T120480)	12,320.40	1,854.46
26 28 16 16-0615	EA	2,500 Amperes, Top Feed, Electrical Trip, Bolted Contact Switch (Eaton CB2533T120480)	13,915.78	2,086.26
26 28 16 16-0616	EA	3,000 Amperes, Top Feed, Electrical Trip, Bolted Contact Switch (Eaton CB3033T120480)	17,521.76	2,318.07
26 28 16 16-0617	EA	4,000 Amperes, Top Feed, Electrical Trip, Bolted Contact Switch (Eaton CB4033T120480)	23,696.82	2,781.68
26 28 16 16-0618		Bottom Feed, Electrical Trip, Bolted Contact Switches *(26 28 16 16-0609)*		
26 28 16 16-0619	EA	800 Amperes, Bottom Feed, Electrical Trip, Bolted Contact Switch (Eaton CB0833B120480)	10,594.46	1,159.04
26 28 16 16-0620	EA	1,200 Amperes, Bottom Feed, Electrical Trip, Bolted Contact Switch (Eaton CB1233B120480)	11,506.98	1,390.85
26 28 16 16-0621	EA	1,600 Amperes, Bottom Feed, Electrical Trip, Bolted Contact Switch (Eaton CB1633B120480)	12,425.83	1,622.65
26 28 16 16-0622	EA	2,000 Amperes, Bottom Feed, Electrical Trip, Bolted Contact Switch (Eaton CB2033B120480)	13,363.64	1,854.46
26 28 16 16-0623	EA	2,500 Amperes, Bottom Feed, Electrical Trip, Bolted Contact Switch (Eaton CB2533B120480)	15,041.22	2,086.26
26 28 16 16-0624	EA	3,000 Amperes, Bottom Feed, Electrical Trip, Bolted Contact Switch (Eaton CB3033B120480)	19,633.54	2,318.07
26 28 16 16-0625	EA	4,000 Amperes, Bottom Feed, Electrical Trip, Bolted Contact Switch (Eaton CB4033B120480)	25,897.11	2,781.68
26 28 16 16-0626		Manually Operated, Bolted Contact Switches *(26 28 16 16-0608)*		
26 28 16 16-0627		Top Feed, Manually Operated, Bolted Contact Switches *(26 28 16 16-0626)*		
26 28 16 16-0628	EA	800 Amperes, Top Feed, Manually Operated, Bolted Contact Switch (Eaton QA0833T480)	7,224.47	1,159.04
26 28 16 16-0629	EA	1,200 Amperes, Top Feed, Manually Operated, Bolted Contact Switch (Eaton QA1233T480)	8,049.74	1,390.85
26 28 16 16-0630	EA	1,600 Amperes, Top Feed, Manually Operated, Bolted Contact Switch (Eaton QA1633T480)	8,926.86	1,622.65
26 28 16 16-0631	EA	2,000 Amperes, Top Feed, Manually Operated, Bolted Contact Switch (Eaton QA2033T480)	9,796.39	1,854.46
26 28 16 16-0632	EA	2,500 Amperes, Top Feed, Manually Operated, Bolted Contact Switch (Eaton QA2533T480)	10,729.15	2,086.26
26 28 16 16-0633	EA	3,000 Amperes, Top Feed, Manually Operated, Bolted Contact Switch (Eaton QA3033T480)	14,335.13	2,318.07
26 28 16 16-0634	EA	4,000 Amperes, Top Feed, Manually Operated, Bolted Contact Switch (Eaton QA4033T480)	20,434.31	2,781.68
26 28 16 16-0635		Bottom Feed, Manually Operated, Bolted Contact Switches *(26 28 16 16-0626)*		
26 28 16 16-0636	EA	800 Amperes, Bottom Feed, Manually Operated, Bolted Contact Switch (Eaton QA0833B480)	7,630.39	1,159.04
26 28 16 16-0637	EA	1,200 Amperes, Bottom Feed, Manually Operated, Bolted Contact Switch (Eaton QA1233B480)	8,663.04	1,390.85
26 28 16 16-0638	EA	1,600 Amperes, Bottom Feed, Manually Operated, Bolted Contact Switch (Eaton QA1633B480)	9,521.19	1,622.65
26 28 16 16-0639	EA	2,000 Amperes, Bottom Feed, Manually Operated, Bolted Contact Switch (Eaton QA2033B480)	10,581.66	1,854.46
26 28 16 16-0640	EA	2,500 Amperes, Bottom Feed, Manually Operated, Bolted Contact Switch (Eaton QA2533B480)	11,715.49	2,086.26
26 28 16 16-0641	EA	3,000 Amperes, Bottom Feed, Manually Operated, Bolted Contact Switch (Eaton QA3033B480)	16,288.84	2,318.07
26 28 16 16-0642	EA	4,000 Amperes, Bottom Feed, Manually Operated, Bolted Contact Switch (Eaton QA4033B480)	22,482.86	2,781.68

26 29 Low-Voltage Controllers *(26 20)*

26 29 13 Enclosed Controllers *(26 29)*

26 29 13 13 Across-The-Line Motor Controllers *(26 29 13)*

26 29 13 13-0001		Manual Motor Starters *(26 29 13 13)*		
26 29 13 13-0002		Fractional HP Manual Motor Starters *(26 29 13 13-0001)*		
26 29 13 13-0003	EA	NEMA 1, 1 Pole, Toggle Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FG1)	224.99	58.05
		For Flush Cover Plate In Lieu Of NEMA 1, Deduct	*-3.02*	
		For Oversized Enclosure, Add	*30.38*	
		For Pilot Light, Add	*44.56*	
26 29 13 13-0004	EA	NEMA 1, 2 Pole, Toggle Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FG2)	294.76	75.46
		For Flush Cover Plate In Lieu Of NEMA 1, Deduct	*-3.02*	
		For Oversized Enclosure, Add	*30.38*	
		For Pilot Light, Add	*44.56*	
26 29 13 13-0005	EA	NEMA 1, 1 Pole, Key Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FG3)	255.37	58.05
		For Flush Cover Plate In Lieu Of NEMA 1, Deduct	*-3.02*	
		For Oversized Enclosure, Add	*30.38*	
		For Pilot Light, Add	*44.56*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0006	EA	NEMA 1, 2 Pole, Key Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FG4)	325.15	75.46
		For Flush Cover Plate In Lieu Of NEMA 1, Deduct	*-3.02*	
		For Oversized Enclosure, Add	*30.38*	
		For Pilot Light, Add	*44.56*	
26 29 13 13-0007	EA	NEMA 1, Handle Guard/Lockoff, 1 Pole, Toggle Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FG5)	238.15	58.05
		For Oversized Enclosure, Add	*30.38*	
26 29 13 13-0008	EA	NEMA 1, Handle Guard/Lockoff, 2 Pole, Toggle Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FG6)	311.98	75.46
		For Oversized Enclosure, Add	*30.38*	
26 29 13 13-0009	EA	NEMA 4, Handle Guard/Lockoff, 1 Pole, Toggle Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FW1)	485.17	69.66
		For Pilot Light, Add	*116.46*	
26 29 13 13-0010	EA	NEMA 4, Handle Guard/Lockoff, 2 Pole, Toggle Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FW2)	557.99	87.08
		For Pilot Light, Add	*116.46*	
26 29 13 13-0011	EA	NEMA 3R, 7 And 9, Handle Guard/Lockoff, 1 Pole, Toggle Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FR1)	515.55	69.66
26 29 13 13-0012	EA	NEMA 3R, 7 And 9, Handle Guard/Lockoff, 2 Pole, Toggle Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FR2)	585.33	87.08

26 29 13 13-0013 Non-Reversing Manual Motor Starters *(26 29 13 13-0001)*

26 29 13 13-0014	EA	NEMA 1, Non-Reversing, 2 Pole, Toggle Operator, 2 HP At 115 Volt, 2 HP At 230 Volt, 3 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KG1) Note: NEMA 1 or flush cover plate installation.	180.60	58.05
		For Oversize Enclosure, Add	*14.66*	
		For Pilot Light, Add	*70.36*	
26 29 13 13-0015	EA	NEMA 1, Non-Reversing, 3 Pole, Toggle Operator, 2 HP At 115 Volt, 7-1/2 HP At 230 Volt, 10 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KG2) Note: NEMA 1 or flush cover plate installation.	296.54	75.46
		For Oversize Enclosure, Add	*14.66*	
		For Pilot Light, Add	*70.36*	
26 29 13 13-0016	EA	NEMA 1, Non-Reversing, 2 Pole, Toggle Operator, 2 HP At 115 Volt, 3 HP At 230 Volt, 7-1/2 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KG5) Note: NEMA 1 or flush cover plate installation.	203.93	63.86
		For Oversize Enclosure, Add	*14.66*	
		For Pilot Light, Add	*70.36*	
26 29 13 13-0017	EA	NEMA 1, Non-Reversing, 3 Pole, Toggle Operator, 2 HP At 115 Volt, 7-1/2 HP At 230 Volt, 15 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KG6) Note: NEMA 1 or flush cover plate installation.	320.84	81.27
		For Oversize Enclosure, Add	*14.66*	
		For Pilot Light, Add	*70.36*	
26 29 13 13-0018	EA	NEMA 1, Non-Reversing, 2 Pole, Key Operator, 2 HP At 115 Volt, 2 HP At 230 Volt, 3 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KG3) Note: NEMA 1 or flush cover plate installation.	208.94	58.05
		For Oversize Enclosure, Add	*14.66*	
		For Pilot Light, Add	*70.36*	
26 29 13 13-0019	EA	NEMA 1, Non-Reversing, 3 Pole, Key Operator, 2 HP At 115 Volt, 7-1/2 HP At 230 Volt, 10 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KG4) Note: NEMA 1 or flush cover plate installation.	325.86	75.46
		For Oversize Enclosure, Add	*14.66*	
		For Pilot Light, Add	*70.36*	
26 29 13 13-0020	EA	NEMA 4, Non-Reversing, 2 Pole, Toggle Operator, 2 HP At 115 Volt, 2 HP At 230 Volt, 3 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KW1)	446.16	69.66
		For Pilot Light, Add	*111.40*	
26 29 13 13-0021	EA	NEMA 4, Non-Reversing, 3 Pole, Toggle Operator, 2 HP At 115 Volt, 7-1/2 HP At 230 Volt, 10 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KW2)	551.34	87.08
		For Pilot Light, Add	*111.40*	
26 29 13 13-0022	EA	NEMA 4, Non-Reversing, 2 Pole, Toggle Operator, 2 HP At 115 Volt, 3 HP At 230 Volt, 7-1/2 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KW5)	470.48	75.46
		For Pilot Light, Add	*111.40*	
26 29 13 13-0023	EA	NEMA 4, Non-Reversing, 3 Pole, Toggle Operator, 2 HP At 115 Volt, 7-1/2 HP At 230 Volt, 15 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KW6)	572.74	92.88
		For Pilot Light, Add	*111.40*	
26 29 13 13-0024	EA	NEMA 3R, 7 And 9, Non-Reversing, 2 Pole, Toggle Operator, 2 HP At 115 Volt, 2 HP At 230 Volt, 3 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KR1)	473.52	69.66
26 29 13 13-0025	EA	NEMA 3R, 7 And 9, Non-Reversing, 3 Pole, Toggle Operator, 2 HP At 115 Volt, 7-1/2 HP At 230 Volt, 10 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KR2)	586.52	87.08
26 29 13 13-0026	EA	Open Type, Non-Reversing, 2 Pole, Toggle Operator, 2 HP At 115 Volt, 2 HP At 230 Volt, 3 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KO1)	132.08	40.63
		For Pilot Light, Add	*70.36*	
26 29 13 13-0027	EA	Open Type, Non-Reversing, 3 Pole, Toggle Operator, 2 HP At 115 Volt, 7-1/2 HP At 230 Volt, 10 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KO2)	248.03	58.05
		For Pilot Light, Add	*70.36*	
26 29 13 13-0028	EA	Open Type, Non-Reversing, 2 Pole, Toggle Operator, 2 HP At 115 Volt, 3 HP At 230 Volt, 7-1/2 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KO5)	155.42	46.44
		For Pilot Light, Add	*70.36*	
26 29 13 13-0029	EA	Open Type, Non-Reversing, 3 Pole, Toggle Operator, 2 HP At 115 Volt, 7-1/2 HP At 230 Volt, 15 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KO6)	271.36	63.86
		For Pilot Light, Add	*70.36*	

26 29 13 13-0030 Reversing Manual Motor Starters *(26 29 13 13-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0031	EA	NEMA 1, Reversing, 2 Pole, Toggle Operator, 2 HP At 115 Volt, 2 HP At 230 Volt, 3 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2511KG11)	489.43	104.49
		For Pilot Light, Add	*113.35*	
26 29 13 13-0032	EA	NEMA 1, Reversing, 3 Pole, Toggle Operator, 2 HP At 115 Volt, 7-1/2 HP At 230 Volt, 10 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2511KG22)	709.59	139.32
		For Pilot Light, Add	*113.35*	
26 29 13 13-0033		**Two Speed Manual Motor Starters** *(26 29 13 13-0001)*		
26 29 13 13-0034	EA	NEMA 1, Two Speed, 2 Pole, Toggle Operator, 2 HP At 115 Volt, 2 HP At 230 Volt, 3 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2512KG11)	489.43	104.49
26 29 13 13-0035	EA	NEMA 1, Two Speed, 3 Pole, Toggle Operator, 2 HP At 115 Volt, 7-1/2 HP At 230 Volt, 10 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2512KG22)	709.59	139.32
26 29 13 13-0036		**Non-Reversing Integral HP Manual Motor Starters** *(26 29 13 13-0001)*		
26 29 13 13-0037	EA	NEMA 1, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBG1)	450.24	69.66
26 29 13 13-0038	EA	NEMA 1, Non-Reversing Integral HP, 2 Pole, Toggle Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510TBG1)	450.24	69.66
26 29 13 13-0039	EA	NEMA 4, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBW11)	935.26	81.27
26 29 13 13-0040	EA	NEMA 4X, Non-Reversing Integral HP, 2 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBW1)	935.26	81.27
26 29 13 13-0041	EA	NEMA 7 And 9, Non-Reversing Integral HP, 2 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBR1)	1,222.87	81.27
26 29 13 13-0042	EA	Type 12, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBA1)	573.72	81.27
26 29 13 13-0043	EA	Open, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBO1)	385.03	52.25
26 29 13 13-0044	EA	NEMA 1, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCG1)	534.78	75.46
26 29 13 13-0045	EA	NEMA 1, Non-Reversing Integral HP, 2 Pole, Toggle Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510TCG1)	534.78	75.46
26 29 13 13-0046	EA	NEMA 4, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCW11)	1,120.05	87.08
26 29 13 13-0047	EA	NEMA 4X, Non-Reversing Integral HP, 2 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCW1)	1,120.05	87.08
26 29 13 13-0048	EA	NEMA 7 And 9, Non-Reversing Integral HP, 2 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCR1)	1,429.94	87.08
26 29 13 13-0049	EA	Type 12, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCA1)	658.25	87.08
26 29 13 13-0050	EA	Open, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCO1)	469.57	58.05
26 29 13 13-0051	EA	NEMA 1, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-1P, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCG2)	703.35	81.27
26 29 13 13-0052	EA	NEMA 1, Non-Reversing Integral HP, 2 Pole, Toggle Operator, NEMA Size M-1P, Manual Motor Starter With Thermal Overload Protection (Square D 2510TCG2)	703.35	81.27
26 29 13 13-0053	EA	NEMA 4, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-1P, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCW12)	1,332.19	92.88
26 29 13 13-0054	EA	NEMA 4X, Non-Reversing Integral HP, 2 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-1P, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCW2)	1,332.19	92.88
26 29 13 13-0055	EA	NEMA 7 And 9, Non-Reversing Integral HP, 2 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-1P, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCR2)	1,628.91	92.88
26 29 13 13-0056	EA	Type 12, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-1P, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCA2)	829.88	92.88
26 29 13 13-0057	EA	Open, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-1P, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCO2)	641.18	63.86
26 29 13 13-0058	EA	NEMA 1, Non-Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBG2)	557.49	87.08
26 29 13 13-0059	EA	NEMA 1, Non-Reversing Integral HP, 3 Pole, Toggle Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510TBG2)	557.49	87.08
26 29 13 13-0060	EA	NEMA 4, Non-Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBW12)	1,042.51	98.69
26 29 13 13-0061	EA	NEMA 4X, Non-Reversing Integral HP, 3 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBW2)	1,042.51	98.69
26 29 13 13-0062	EA	NEMA 7 And 9, Non-Reversing Integral HP, 3 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBR2)	1,338.22	98.69
26 29 13 13-0063	EA	Type 12, Non-Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBA2)	681.98	98.69
26 29 13 13-0064	EA	Open, Non-Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBO2)	495.32	69.66
26 29 13 13-0065	EA	NEMA 1, Non-Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCG3)	642.03	92.88
26 29 13 13-0066	EA	NEMA 1, Non-Reversing Integral HP, 3 Pole, Toggle Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510TCG3)	642.03	92.88
26 29 13 13-0067	EA	NEMA 4, Non-Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCW13)	1,227.30	104.49
26 29 13 13-0068	EA	NEMA 4X, Non-Reversing Integral HP, 3 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCW3)	1,227.30	104.49
26 29 13 13-0069	EA	NEMA 7 And 9, Non-Reversing Integral HP, 3 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCR3)	1,544.28	104.49
26 29 13 13-0070	EA	Type 12, Non-Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCA3)	765.50	104.49

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0071	EA	Open, Non-Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCO3)	576.82	75.46
26 29 13 13-0072		**Reversing Integral HP Manual Motor Starters** *(26 29 13 13-0001)*		
26 29 13 13-0073	EA	NEMA 1, Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2511MBG1)	1,305.67	121.91
26 29 13 13-0074	EA	NEMA 1, Reversing Integral HP, 3 Pole, Toggle Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2511TBG1)	1,305.67	121.91
26 29 13 13-0075	EA	Open, Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2511MBO1)	1,149.93	87.08
26 29 13 13-0076	EA	NEMA 1, Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2511MCG1)	1,544.60	133.52
26 29 13 13-0077	EA	Open, Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2511MCO1)	1,388.86	98.69
26 29 13 13-0078		**Two Speed Integral HP Manual Motor Starters** *(26 29 13 13-0001)*		
26 29 13 13-0079	EA	NEMA 1, Two Speed Integral HP, 3 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2512MBG1)	1,305.67	121.91
26 29 13 13-0080	EA	Open, Two Speed Integral HP, 3 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2512MBO1)	1,149.93	87.08
26 29 13 13-0081	EA	NEMA 1, Two Speed Integral HP, 3 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2512MCG1)	1,544.60	133.52
26 29 13 13-0082	EA	Open, Two Speed Integral HP, 3 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2512MCO1)	1,388.86	98.69
26 29 13 13-0083		**Magnetic Motor Starters** *(26 29 13 13)*		
26 29 13 13-0084		**Non-Reversing, Magnetic Contactors** *(26 29 13 13-0083)*		
26 29 13 13-0085		**Open Enclosure, Non-Reversing, Magnetic Contactors** *(26 29 13 13-0084)*		
26 29 13 13-0086	EA	Size 00, 1 Phase, 2 Pole, 1-1/2 HP At 200/230 Volt, 2 HP At 460/575 Volt, 9 Amperes, Open Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SAO11)	522.85	116.11
		For Factory Installed Accessory, Deduct	*-232.20*	
26 29 13 13-0087	EA	Size 00, 3 Phase, 3 Pole, 1-1/2 HP At 200/230 Volt, 2 HP At 460/575 Volt, 9 Amperes, Open Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SAO12)	588.61	127.71
		For Factory Installed Accessory, Deduct	*-255.43*	
26 29 13 13-0088	EA	Size 0, 1 Phase, 1 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, Open Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SBO5)	565.38	116.11
		For Factory Installed Accessory, Deduct	*-232.20*	
26 29 13 13-0089	EA	Size 0, 1 Phase, 2 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, Open Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SBO1)	632.16	127.71
		For Factory Installed Accessory, Deduct	*-255.43*	
26 29 13 13-0090	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, Open Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SBO2)	697.92	139.32
		For Factory Installed Accessory, Deduct	*-278.65*	
26 29 13 13-0091	EA	Size 0, 3 Phase, 4 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, Open Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SBO3)	882.01	174.15
		For Factory Installed Accessory, Deduct	*-348.31*	
26 29 13 13-0092	EA	Size 0, 3 Phase, 5 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, Open Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SBO4)	1,110.67	208.98
		For Factory Installed Accessory, Deduct	*-417.97*	
26 29 13 13-0093	EA	Size 1, 1 Phase, 1 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, Open Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SCO5)	659.50	127.71
		For Factory Installed Accessory, Deduct	*-255.43*	
26 29 13 13-0094	EA	Size 1, 1 Phase, 2 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, Open Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SCO1)	725.26	139.32
		For Factory Installed Accessory, Deduct	*-278.65*	
26 29 13 13-0095	EA	Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, Open Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SCO2)	793.03	150.94
		For Factory Installed Accessory, Deduct	*-301.86*	
26 29 13 13-0096	EA	Size 1, 3 Phase, 4 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, Open Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SCO3)	1,012.97	203.18
		For Factory Installed Accessory, Deduct	*-406.35*	
26 29 13 13-0097	EA	Size 1, 3 Phase, 5 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, Open Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SCO4)	1,240.62	238.01
		For Factory Installed Accessory, Deduct	*-476.02*	
26 29 13 13-0098	EA	Size 2, 1 Phase, 2 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, Open Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SDO1)	1,116.17	139.32
		For Factory Installed Accessory, Deduct	*-278.65*	
26 29 13 13-0099	EA	Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, Open Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SDO2)	1,241.53	174.15
		For Factory Installed Accessory, Deduct	*-348.31*	
26 29 13 13-0100	EA	Size 2, 3 Phase, 4 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, Open Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SDO3)	1,617.89	232.20
		For Factory Installed Accessory, Deduct	*-464.40*	
26 29 13 13-0101	EA	Size 3, 1 Phase, 2 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, Open Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SEO1)	1,674.97	174.15
		For Factory Installed Accessory, Deduct	*-348.31*	
26 29 13 13-0102	EA	Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, Open Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SEO2)	1,907.52	232.20
		For Factory Installed Accessory, Deduct	*-464.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0103	EA	Size 3, 3 Phase, 4 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, Open Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SEO3)	2,426.70	290.25
		For Factory Installed Accessory, Deduct	*-580.51*	
26 29 13 13-0104	EA	Size 3, 3 Phase, 5 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, Open Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SEO4)	3,466.40	348.31
		For Factory Installed Accessory, Deduct	*-696.61*	
26 29 13 13-0105	EA	Size 4, 1 Phase, 2 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amperes, Open Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SFO1)	3,782.73	290.25
		For Factory Installed Accessory, Deduct	*-580.51*	
26 29 13 13-0106	EA	Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amperes, Open Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SFO2)	4,159.10	348.31
		For Factory Installed Accessory, Deduct	*-696.61*	
26 29 13 13-0107	EA	Size 4, 3 Phase, 4 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amperes, Open Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SFO3)	5,630.21	406.35
		For Factory Installed Accessory, Deduct	*-812.71*	
26 29 13 13-0108	EA	Size 5, 1 Phase, 2 Pole, 75 HP At 200 Volt, 100 HP At 230 Volt, 200 HP At 460/575 Volt, 270 Amperes, Open Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SGO1)	7,635.76	348.31
		For Factory Installed Accessory, Deduct	*-696.61*	
26 29 13 13-0109	EA	Size 5, 3 Phase, 3 Pole, 75 HP At 200 Volt, 100 HP At 230 Volt, 200 HP At 460/575 Volt, 270 Amperes, Open Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SGO2)	8,474.58	464.40
		For Factory Installed Accessory, Deduct	*-928.81*	
26 29 13 13-0110	EA	Size 6, 3 Phase, 3 Pole, 150 HP At 200 Volt, 200 HP At 230 Volt, 400 HP At 460/575 Volt, 540 Amperes, Open Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SHO2)	21,990.91	696.61
		For Factory Installed Accessory, Deduct	*-1,393.22*	
26 29 13 13-0111	EA	Size 7, 3 Phase, 3 Pole, 300 HP At 230 Volt, 600 HP At 460/575 Volt, 810 Amperes, Open Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SJO2)	31,487.04	1,044.91
		For Factory Installed Accessory, Deduct	*-2,089.83*	

26 29 13 13-0112 NEMA 1, Non-Reversing, Magnetic Contactors *(26 29 13 13-0084)*

26 29 13 13-0113	EA	Size 00, 1 Phase, 2 Pole, 1-1/2 HP At 200/230 Volt, 2 HP At 460/575 Volt, 9 Amperes, NEMA 1 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SAG11)	554.24	116.11
		For Factory Installed Accessory, Deduct	*-232.20*	
26 29 13 13-0114	EA	Size 00, 3 Phase, 3 Pole, 1-1/2 HP At 200/230 Volt, 2 HP At 460/575 Volt, 9 Amperes, NEMA 1 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SAG12)	620.01	127.71
		For Factory Installed Accessory, Deduct	*-255.43*	
26 29 13 13-0115	EA	Size 0, 1 Phase, 1 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 1 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SBG5)	596.78	116.11
		For Factory Installed Accessory, Deduct	*-232.20*	
26 29 13 13-0116	EA	Size 0, 1 Phase, 2 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 1 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SBG1)	664.57	127.71
		For Factory Installed Accessory, Deduct	*-255.43*	
26 29 13 13-0117	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 1 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SBG2)	730.32	139.32
		For Factory Installed Accessory, Deduct	*-278.65*	
26 29 13 13-0118	EA	Size 0, 3 Phase, 4 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 1 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SBG3)	916.45	174.15
		For Factory Installed Accessory, Deduct	*-348.31*	
26 29 13 13-0119	EA	Size 0, 3 Phase, 5 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 1 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SBG4)	1,146.11	208.98
		For Factory Installed Accessory, Deduct	*-417.97*	
26 29 13 13-0120	EA	Size 1, 1 Phase, 1 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 1 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SCG5)	692.92	127.71
		For Factory Installed Accessory, Deduct	*-255.43*	
26 29 13 13-0121	EA	Size 1, 1 Phase, 2 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 1 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SCG1)	760.70	139.32
		For Factory Installed Accessory, Deduct	*-278.65*	
26 29 13 13-0122	EA	Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 1 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SCG2)	826.45	150.94
		For Factory Installed Accessory, Deduct	*-301.86*	
26 29 13 13-0123	EA	Size 1, 3 Phase, 4 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 1 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SCG3)	1,047.40	203.18
		For Factory Installed Accessory, Deduct	*-406.35*	
26 29 13 13-0124	EA	Size 1, 3 Phase, 5 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 1 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SCG4)	1,274.04	238.01
		For Factory Installed Accessory, Deduct	*-476.02*	
26 29 13 13-0125	EA	Size 2, 1 Phase, 2 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, NEMA 1 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SDG1)	1,266.05	139.32
		For Factory Installed Accessory, Deduct	*-278.65*	
26 29 13 13-0126	EA	Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, NEMA 1 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SDG2)	1,392.42	174.15
		For Factory Installed Accessory, Deduct	*-348.31*	
26 29 13 13-0127	EA	Size 2, 3 Phase, 4 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, NEMA 1 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SDG3)	1,767.77	232.20
		For Factory Installed Accessory, Deduct	*-464.40*	
26 29 13 13-0128	EA	Size 3, 1 Phase, 2 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, NEMA 1 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SEG1)	1,969.67	174.15
		For Factory Installed Accessory, Deduct	*-348.31*	
26 29 13 13-0129	EA	Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, NEMA 1 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SEG2)	2,201.21	232.20
		For Factory Installed Accessory, Deduct	*-464.40*	
26 29 13 13-0130	EA	Size 3, 3 Phase, 4 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, NEMA 1 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SEG3)	2,721.40	290.25
		For Factory Installed Accessory, Deduct	*-580.51*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0131	EA	Size 4, 1 Phase, 2 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amperes, NEMA 1 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SFG1)	4,393.40	290.25
		For Factory Installed Accessory, Deduct	*-580.51*	
26 29 13 13-0132	EA	Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amperes, NEMA 1 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SFG2)	4,769.77	348.31
		For Factory Installed Accessory, Deduct	*-696.61*	
26 29 13 13-0133	EA	Size 5, 3 Phase, 3 Pole, 75 HP At 200 Volt, 100 HP At 230 Volt, 200 HP At 460/575 Volt, 270 Amperes, NEMA 1 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SGG2)	9,587.56	464.40
		For Factory Installed Accessory, Deduct	*-928.81*	
26 29 13 13-0134	EA	Size 6, 3 Phase, 3 Pole, 150 HP At 200 Volt, 200 HP At 230 Volt, 400 HP At 460/575 Volt, 540 Amperes, NEMA 1 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SHG2)	26,885.38	696.61
		For Factory Installed Accessory, Deduct	*-1,393.22*	
26 29 13 13-0135	EA	Size 7, 3 Phase, 3 Pole, 300 HP At 230 Volt, 600 HP At 460/575 Volt, 810 Amperes, NEMA 1 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SJG2)	36,395.69	1,044.91
		For Factory Installed Accessory, Deduct	*-2,089.83*	

26 29 13 13-0136 NEMA 12, Non-Reversing, Magnetic Contactors *(26 29 13 13-0084)*

26 29 13 13-0137	EA	Size 0, 1 Phase, 2 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 12 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SBA1)	837.74	127.71
		For Factory Installed Accessory, Deduct	*-255.43*	
26 29 13 13-0138	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 12 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SBA2)	903.50	139.32
		For Factory Installed Accessory, Deduct	*-278.65*	
26 29 13 13-0139	EA	Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 12 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SCA2)	999.62	150.94
		For Factory Installed Accessory, Deduct	*-301.86*	
26 29 13 13-0140	EA	Size 2, 1 Phase, 2 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, NEMA 12 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SDA1)	1,582.02	139.32
		For Factory Installed Accessory, Deduct	*-278.65*	
26 29 13 13-0141	EA	Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, NEMA 12 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SDA2)	1,709.40	174.15
		For Factory Installed Accessory, Deduct	*-348.31*	
26 29 13 13-0142	EA	Size 3, 1 Phase, 2 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, NEMA 12 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SEA1)	2,344.38	174.15
		For Factory Installed Accessory, Deduct	*-348.31*	
26 29 13 13-0143	EA	Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, NEMA 12 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SEA2)	2,574.91	232.20
		For Factory Installed Accessory, Deduct	*-464.40*	
26 29 13 13-0144	EA	Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amperes, NEMA 12 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SFA2)	6,010.35	348.31
		For Factory Installed Accessory, Deduct	*-696.61*	
26 29 13 13-0145	EA	Size 5, 3 Phase, 3 Pole, 75 HP At 200 Volt, 100 HP At 230 Volt, 200 HP At 460/575 Volt, 270 Amperes, NEMA 12 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SGA2)	12,762.43	464.40
		For Factory Installed Accessory, Deduct	*-928.81*	
26 29 13 13-0146	EA	Size 6, 3 Phase, 3 Pole, 150 HP At 200 Volt, 200 HP At 230 Volt, 400 HP At 460/575 Volt, 540 Amperes, NEMA 12 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SHA2)	30,778.27	696.61
		For Factory Installed Accessory, Deduct	*-1,393.22*	

26 29 13 13-0147 NEMA 4/4X, Non-Reversing, Magnetic Contactors *(26 29 13 13-0084)*

Note: Brushed stainless steel enclosure.

26 29 13 13-0148	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 4/4X Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SBW12)	1,235.67	139.32
		For Factory Installed Accessory, Deduct	*-278.65*	
26 29 13 13-0149	EA	Size 1, 1 Phase, 2 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 4/4X Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SCW11)	1,280.23	139.32
		For Factory Installed Accessory, Deduct	*-278.65*	
26 29 13 13-0150	EA	Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 4/4X Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SCW12)	1,345.97	150.94
		For Factory Installed Accessory, Deduct	*-301.86*	
26 29 13 13-0151	EA	Size 1, 3 Phase, 4 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 4/4X Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SCW13)	1,566.93	203.18
		For Factory Installed Accessory, Deduct	*-406.35*	
26 29 13 13-0152	EA	Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, NEMA 4/4X Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SDW12)	2,431.47	174.15
		For Factory Installed Accessory, Deduct	*-348.31*	
26 29 13 13-0153	EA	Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, NEMA 4/4X Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SEW12)	3,671.68	232.20
		For Factory Installed Accessory, Deduct	*-464.40*	
26 29 13 13-0154	EA	Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amperes, NEMA 4/4X Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SFW12)	7,280.30	348.31
		For Factory Installed Accessory, Deduct	*-696.61*	
26 29 13 13-0155	EA	Size 5, 3 Phase, 3 Pole, 75 HP At 200 Volt, 100 HP At 230 Volt, 200 HP At 460/575 Volt, 270 Amperes, NEMA 4/4X Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SGW12)	12,762.43	464.40
		For Factory Installed Accessory, Deduct	*-928.81*	
26 29 13 13-0156	EA	Size 6, 3 Phase, 3 Pole, 150 HP At 200 Volt, 200 HP At 230 Volt, 400 HP At 460/575 Volt, 540 Amperes, NEMA 4/4X Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SHW2)	34,095.94	696.61
		For Factory Installed Accessory, Deduct	*-1,393.22*	

26 29 13 13-0157 NEMA 7/9, Non-Reversing, Magnetic Contactors *(26 29 13 13-0084)*

Note: Bolted cast iron enclosure.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0158	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 7/9 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SBT2)	2,467.85	185.77
		For Factory Installed Accessory, Deduct	*-371.52*	

26 29 13 13-0159 Non-Reversing, Magnetic Starters *(26 29 13 13-0083)*

26 29 13 13-0160 Open Enclosure, Non-Reversing, Magnetic Starters *(26 29 13 13-0159)*

26 29 13 13-0161	EA	Size 00, 1 Phase, 2 Pole, 3/4 HP At 115 Volt, 1 HP At 230 Volt, 9 Amperes, Open Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SAO11)	623.11	116.11
		For Factory Installed Accessory, Deduct	*-232.20*	
26 29 13 13-0162	EA	Size 00, 3 Phase, 3 Pole, 1-1/2 HP At 200/230 Volt, 2 HP At 460/575 Volt, 9 Amperes, Open Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SAO12)	646.34	127.71
		For Factory Installed Accessory, Deduct	*-255.43*	
26 29 13 13-0163	EA	Size 0, 1 Phase, 2 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 18 Amperes, Open Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SBO1)	695.96	127.71
		For Factory Installed Accessory, Deduct	*-255.43*	
26 29 13 13-0164	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, Open Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SBO2)	769.82	139.32
		For Factory Installed Accessory, Deduct	*-278.65*	
26 29 13 13-0165	EA	Size 0, 3 Phase, 5 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, Open Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SBO4)	1,237.26	208.98
		For Factory Installed Accessory, Deduct	*-417.97*	
26 29 13 13-0166	EA	Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amperes, Open Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SCO1)	792.10	139.32
		For Factory Installed Accessory, Deduct	*-278.65*	
26 29 13 13-0167	EA	Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, Open Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SCO3)	929.75	150.94
		For Factory Installed Accessory, Deduct	*-301.86*	
26 29 13 13-0168	EA	Size 1, 1 Phase, 2 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 36 Amperes, Open Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SCO2)	972.28	150.94
		For Factory Installed Accessory, Deduct	*-301.86*	
26 29 13 13-0169	EA	Size 2, 1 Phase, 2 Pole, 3 HP At 115 Volt, 7-1/2 HP At 230 Volt, 45 Amperes, Open Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SDO6)	1,208.33	139.32
		For Factory Installed Accessory, Deduct	*-278.65*	
26 29 13 13-0170	EA	Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, Open Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SDO1)	1,372.17	174.15
		For Factory Installed Accessory, Deduct	*-348.31*	
26 29 13 13-0171	EA	Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, Open Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SEO1)	2,123.23	232.20
		For Factory Installed Accessory, Deduct	*-464.40*	
26 29 13 13-0172	EA	Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amperes, Open Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SFO1)	4,491.27	348.31
		For Factory Installed Accessory, Deduct	*-696.61*	
26 29 13 13-0173	EA	Size 5, 3 Phase, 3 Pole, 75 HP At 200 Volt, 100 HP At 230 Volt, 200 HP At 460/575 Volt, 270 Amperes, Open Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SGO1)	10,197.21	464.40
		For Factory Installed Accessory, Deduct	*-928.81*	
26 29 13 13-0174	EA	Size 6, 3 Phase, 3 Pole, 150 HP At 200 Volt, 200 HP At 230 Volt, 400 HP At 460/575 Volt, 540 Amperes, Open Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SHO2)	23,425.93	696.61
		For Factory Installed Accessory, Deduct	*-1,393.22*	
26 29 13 13-0175	EA	Size 7, 3 Phase, 3 Pole, 300 HP At 230 Volt, 600 HP At 460/575 Volt, 810 Amperes, Open Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SJO2)	33,747.43	1,044.91
		For Factory Installed Accessory, Deduct	*-2,089.83*	

26 29 13 13-0176 NEMA 1, Non-Reversing, Magnetic Starters *(26 29 13 13-0159)*

26 29 13 13-0177	EA	Size 00, 1 Phase, 2 Pole, .34 HP At 115 Volt, 1 HP At 230 Volt, 9 Amperes, NEMA 1 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SAG11)	656.53	116.11
		For Factory Installed Accessory, Deduct	*-232.20*	
26 29 13 13-0178	EA	Size 00, 3 Phase, 3 Pole, 1-1/2 HP At 200/230 Volt, 2 HP At 460/575 Volt, 9 Amperes, NEMA 1 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SAG12)	679.76	127.71
		For Factory Installed Accessory, Deduct	*-255.43*	
26 29 13 13-0179	EA	Size 0, 1 Phase, 2 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 18 Amperes, NEMA 1 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SBG1)	729.38	127.71
		For Factory Installed Accessory, Deduct	*-255.43*	
26 29 13 13-0180	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 1 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SBG2)	803.24	139.32
		For Factory Installed Accessory, Deduct	*-278.65*	
26 29 13 13-0181	EA	Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amperes, NEMA 1 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SCG1)	824.51	139.32
		For Factory Installed Accessory, Deduct	*-278.65*	
26 29 13 13-0182	EA	Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 1 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SCG3)	899.36	150.94
		For Factory Installed Accessory, Deduct	*-301.86*	
26 29 13 13-0183	EA	Size 1, 1 Phase, 2 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 36 Amperes, NEMA 1 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SCG2)	1,006.71	150.94
		For Factory Installed Accessory, Deduct	*-301.86*	
26 29 13 13-0184	EA	Size 2, 1 Phase, 2 Pole, 3 HP At 115 Volt, 7-1/2 HP At 230 Volt, 45 Amperes, NEMA 1 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SDG6)	1,359.22	139.32
		For Factory Installed Accessory, Deduct	*-278.65*	
26 29 13 13-0185	EA	Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, NEMA 1 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SDG1)	1,523.06	174.15
		For Factory Installed Accessory, Deduct	*-348.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0186	EA	Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, NEMA 1 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SEG1)	2,417.94	232.20
		For Factory Installed Accessory, Deduct	*-464.40*	
26 29 13 13-0187	EA	Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amperes, NEMA 1 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SFG1)	5,101.94	348.31
		For Factory Installed Accessory, Deduct	*-696.61*	
26 29 13 13-0188	EA	Size 5, 3 Phase, 3 Pole, 75 HP At 200 Volt, 100 HP At 230 Volt, 200 HP At 460/575 Volt, 270 Amperes, NEMA 1 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SGG1)	11,313.23	464.40
		For Factory Installed Accessory, Deduct	*-928.81*	

26 29 13 13-0189 NEMA 12, Non-Reversing, Magnetic Starters *(26 29 13 13-0159)*

26 29 13 13-0190	EA	Size 0, 1 Phase, 2 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 18 Amperes, NEMA 12 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SBA1)	902.56	127.71
		For Factory Installed Accessory, Deduct	*-255.43*	
26 29 13 13-0191	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 12 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SBA2)	976.41	139.32
		For Factory Installed Accessory, Deduct	*-278.65*	
26 29 13 13-0192	EA	Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amperes, NEMA 12 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SCA1)	997.68	139.32
		For Factory Installed Accessory, Deduct	*-278.65*	
26 29 13 13-0193	EA	Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 12 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SCA3)	1,072.54	150.94
		For Factory Installed Accessory, Deduct	*-301.86*	
26 29 13 13-0194	EA	Size 1, 1 Phase, 2 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 36 Amperes, NEMA 12 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SCA2)	1,179.89	150.94
		For Factory Installed Accessory, Deduct	*-301.86*	
26 29 13 13-0195	EA	Size 2, 1 Phase, 2 Pole, 3 HP At 115 Volt, 7-1/2 HP At 230 Volt, 45 Amperes, NEMA 12 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SDA6)	1,676.20	139.32
		For Factory Installed Accessory, Deduct	*-278.65*	
26 29 13 13-0196	EA	Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, NEMA 12 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SDA1)	1,839.03	174.15
		For Factory Installed Accessory, Deduct	*-348.31*	
26 29 13 13-0197	EA	Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, NEMA 12 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SEA1)	2,791.63	232.20
		For Factory Installed Accessory, Deduct	*-464.40*	
26 29 13 13-0198	EA	Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amperes, NEMA 12 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SFA1)	6,341.51	348.31
		For Factory Installed Accessory, Deduct	*-696.61*	
26 29 13 13-0199	EA	Size 5, 3 Phase, 3 Pole, 75 HP At 200 Volt, 100 HP At 230 Volt, 200 HP At 460/575 Volt, 270 Amperes, NEMA 12 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SGA1)	14,485.07	464.40
		For Factory Installed Accessory, Deduct	*-928.81*	
26 29 13 13-0200	EA	Size 6, 3 Phase, 3 Pole, 150 HP At 200 Volt, 200 HP At 230 Volt, 400 HP At 460/575 Volt, 540 Amperes, NEMA 12 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SHA2)	34,536.47	696.61
		For Factory Installed Accessory, Deduct	*-1,393.22*	

26 29 13 13-0201 NEMA 3R, Non-Reversing, Magnetic Starters *(26 29 13 13-0159)*

26 29 13 13-0202	EA	Size 0, 1 Phase, 2 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 18 Amperes, NEMA 3R Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SBH1)	902.56	127.71
		For Factory Installed Accessory, Deduct	*-255.43*	
26 29 13 13-0203	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 3R Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SBH2)	976.41	139.32
		For Factory Installed Accessory, Deduct	*-278.65*	
26 29 13 13-0204	EA	Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amperes, NEMA 3R Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SCH1)	997.68	139.32
		For Factory Installed Accessory, Deduct	*-278.65*	
26 29 13 13-0205	EA	Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 3R Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SCH3)	1,072.54	150.94
		For Factory Installed Accessory, Deduct	*-301.86*	
26 29 13 13-0206	EA	Size 1, 1 Phase, 2 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 36 Amperes, NEMA 3R Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SCH2)	1,179.89	150.94
		For Factory Installed Accessory, Deduct	*-301.86*	
26 29 13 13-0207	EA	Size 2, 1 Phase, 2 Pole, 3 HP At 115 Volt, 7-1/2 HP At 230 Volt, 45 Amperes, NEMA 3R Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SDH6)	1,676.20	139.32
		For Factory Installed Accessory, Deduct	*-278.65*	
26 29 13 13-0208	EA	Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, NEMA 3R Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SDH1)	1,839.03	174.15
		For Factory Installed Accessory, Deduct	*-348.31*	
26 29 13 13-0209	EA	Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, NEMA 3R Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SEH1)	2,791.63	232.20
		For Factory Installed Accessory, Deduct	*-464.40*	
26 29 13 13-0210	EA	Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amperes, NEMA 3R Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SFH1)	6,341.51	348.31
		For Factory Installed Accessory, Deduct	*-696.61*	

26 29 13 13-0211 NEMA 3R/4/4X/7/9, Non-Reversing, Magnetic Starters *(26 29 13 13-0159)*

Note: Bolted cast aluminum enclosure.

26 29 13 13-0212	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 3R/4/4X/7/9 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SBT4)	2,572.09	197.37
		For Factory Installed Accessory, Deduct	*-394.74*	
26 29 13 13-0213	EA	Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amperes, NEMA 3R/4/4X/7/9 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SCR1)	3,161.49	197.37
		For Factory Installed Accessory, Deduct	*-394.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0214	EA	Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 3R/4/4X/7/9 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SCR3)	3,257.63	208.98
		For Factory Installed Accessory, Deduct	*-417.97*	
26 29 13 13-0215	EA	Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, NEMA 3R/4/4X/7/9 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SDR1)	5,048.98	232.20
		For Factory Installed Accessory, Deduct	*-464.40*	
26 29 13 13-0216	EA	Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, NEMA 3R/4/4X/7/9 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SET43)	6,088.69	290.25
		For Factory Installed Accessory, Deduct	*-580.51*	
26 29 13 13-0217	EA	Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amperes, NEMA 3R/4/4X/7/9 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SFT41)	9,702.36	406.35
		For Factory Installed Accessory, Deduct	*-812.71*	

26 29 13 13-0218 NEMA 4/4X, Non-Reversing, Magnetic Starters *(26 29 13 13-0159)*

Note: Brushed stainless steel enclosure.

26 29 13 13-0219	EA	Size 0, 1 Phase, 2 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 18 Amperes, NEMA 4/4X Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SBW11)	1,233.72	127.71
		For Factory Installed Accessory, Deduct	*-255.43*	
26 29 13 13-0220	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 4/4X Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SBW12)	1,308.59	139.32
		For Factory Installed Accessory, Deduct	*-278.65*	
26 29 13 13-0221	EA	Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amperes, NEMA 4/4X Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SCW11)	1,344.03	139.32
		For Factory Installed Accessory, Deduct	*-278.65*	
26 29 13 13-0222	EA	Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 4/4X Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SCW13)	1,418.89	150.94
		For Factory Installed Accessory, Deduct	*-301.86*	
26 29 13 13-0223	EA	Size 1, 1 Phase, 2 Pole, 3 HP At 200/230 Volt, 7-1/2 HP At 460/575 Volt, 36 Amperes, NEMA 4/4X Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SCW12)	1,526.24	150.94
		For Factory Installed Accessory, Deduct	*-301.86*	
26 29 13 13-0224	EA	Size 2, 1 Phase, 2 Pole, 3 HP At 115 Volt, 7-1/2 HP At 230 Volt, 45 Amperes, NEMA 4/4X Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SDW16)	2,396.25	139.32
		For Factory Installed Accessory, Deduct	*-278.65*	
26 29 13 13-0225	EA	Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, NEMA 4/4X Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SEW11)	3,887.39	232.20
		For Factory Installed Accessory, Deduct	*-464.40*	
26 29 13 13-0226	EA	Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amperes, NEMA 4/4X Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SFW11)	7,610.44	348.31
		For Factory Installed Accessory, Deduct	*-696.61*	
26 29 13 13-0227	EA	Size 5, 3 Phase, 3 Pole, 75 HP At 200 Volt, 100 HP At 230 Volt, 200 HP At 460/575 Volt, 270 Amperes, NEMA 4/4X Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SGW11)	16,924.71	464.40
		For Factory Installed Accessory, Deduct	*-928.81*	

26 29 13 13-0228 NEMA 4X, Non-Reversing, Magnetic Starters *(26 29 13 13-0159)*

Note: Glass polyester enclosure.

26 29 13 13-0229	EA	Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, NEMA 4X Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SDW21)	2,562.11	174.15
		For Factory Installed Accessory, Deduct	*-348.31*	
26 29 13 13-0230	EA	Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, NEMA 4X Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SEW21)	4,744.15	232.20
		For Factory Installed Accessory, Deduct	*-464.40*	
26 29 13 13-0231	EA	Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amperes, NEMA 4X Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SFW21)	9,340.17	348.31
		For Factory Installed Accessory, Deduct	*-696.61*	

26 29 13 13-0232 NEMA 7/9, Non-Reversing, Magnetic Starters *(26 29 13 13-0159)*

Note: Bolted cast iron enclosure.

26 29 13 13-0233	EA	Size 0, 1 Phase, 2 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 18 Amperes, NEMA 7/9 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SBT1)	2,489.12	185.77
		For Factory Installed Accessory, Deduct	*-371.52*	
26 29 13 13-0234	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 7/9 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SBT2)	2,572.09	197.37
		For Factory Installed Accessory, Deduct	*-394.74*	
26 29 13 13-0235	EA	Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amperes, NEMA 7/9 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SCT1)	2,608.54	197.37
		For Factory Installed Accessory, Deduct	*-394.74*	
26 29 13 13-0236	EA	Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 7/9 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SCT3)	2,687.47	208.98
		For Factory Installed Accessory, Deduct	*-417.97*	
26 29 13 13-0237	EA	Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 36 Amperes, NEMA 7/9 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SCT2)	2,811.03	208.98
		For Factory Installed Accessory, Deduct	*-417.97*	
26 29 13 13-0238	EA	Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, NEMA 7/9 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SDT1)	4,133.48	232.20
		For Factory Installed Accessory, Deduct	*-464.40*	

26 29 13 13-0239 Reversing, Magnetic Starters *(26 29 13 13-0083)*

26 29 13 13-0240 Open Enclosure, Reversing, Magnetic Starters *(26 29 13 13-0239)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0241	EA	Size 00, 1 Phase, 3 Pole, 3/4 HP At 115 Volt, 1 HP At 230 Volt, 9 Amperes, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SAO13)	1,175.84	150.94
		For Factory Installed Accessory, Deduct	*-301.86*	
26 29 13 13-0242	EA	Size 00, 3 Phase, 3 Pole, 1-1/2 HP At 200/230 Volt, 2 HP At 460/575 Volt, 9 Amperes, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SAO16)	1,239.64	150.94
		For Factory Installed Accessory, Deduct	*-301.86*	
26 29 13 13-0243	EA	Size 0, 1 Phase, 2 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 18 Amperes, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SBO1)	1,372.23	162.54
		For Factory Installed Accessory, Deduct	*-325.08*	
26 29 13 13-0244	EA	Size 0, 1 Phase, 3 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 18 Amperes, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SBO2)	1,423.82	174.15
		For Factory Installed Accessory, Deduct	*-348.31*	
26 29 13 13-0245	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SBO10)	1,459.26	174.15
		For Factory Installed Accessory, Deduct	*-348.31*	
26 29 13 13-0246	EA	Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amperes, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SCO2)	1,561.46	185.77
		For Factory Installed Accessory, Deduct	*-371.52*	
26 29 13 13-0247	EA	Size 1, 1 Phase, 3 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amperes, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SCO3)	1,626.68	203.18
		For Factory Installed Accessory, Deduct	*-406.35*	
26 29 13 13-0248	EA	Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SCO7)	1,663.13	203.18
		For Factory Installed Accessory, Deduct	*-406.35*	
26 29 13 13-0249	EA	Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SDO1)	2,843.28	232.20
		For Factory Installed Accessory, Deduct	*-464.40*	
26 29 13 13-0250	EA	Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SEO1)	4,648.24	348.31
		For Factory Installed Accessory, Deduct	*-696.61*	
26 29 13 13-0251	EA	Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230, 100 HP At 460/575 Volt, 135 Amperes, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SFO1)	10,696.12	522.46
		For Factory Installed Accessory, Deduct	*-1,044.91*	
26 29 13 13-0252	EA	Size 5, 3 Phase, 3 Pole, 75 HP At 200 Volt, 100 HP At 230 Volt, 200 HP At 460/575 Volt, 270 Amperes, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SGO1)	19,935.09	696.61
		For Factory Installed Accessory, Deduct	*-1,393.22*	
26 29 13 13-0253	EA	Size 7, 3 Phase, 3 Pole, 300 HP At 230 Volt, 600 HP At 460/575 Volt, 810 Amperes, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SJO1)	64,583.27	1,277.12
		For Factory Installed Accessory, Deduct	*-2,554.23*	

26 29 13 13-0254 NEMA 1, Reversing, Magnetic Starters *(26 29 13 13-0239)*

26 29 13 13-0255	EA	Size 00, 1 Phase, 2 Pole, 3/4 HP At 115 Volt, 1 HP At 230 Volt, 9 Amperes, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SAG13)	1,213.39	139.32
		For Factory Installed Accessory, Deduct	*-278.65*	
26 29 13 13-0256	EA	Size 00, 1 Phase, 3 Pole, 3/4 HP At 115 Volt, 1 HP At 230 Volt, 9 Amperes, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SAG15)	1,266.98	150.94
		For Factory Installed Accessory, Deduct	*-301.86*	
26 29 13 13-0257	EA	Size 00, 3 Phase, 3 Pole, 1-1/2 HP At 200/230 Volt, 2 HP At 460/575 Volt, 9 Amperes, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SAG16)	1,303.44	150.94
		For Factory Installed Accessory, Deduct	*-301.86*	
26 29 13 13-0258	EA	Size 0, 1 Phase, 2 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 18 Amperes, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SBG1)	1,432.99	162.54
		For Factory Installed Accessory, Deduct	*-325.08*	
26 29 13 13-0259	EA	Size 0, 1 Phase, 3 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 18 Amperes, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SBG2)	1,486.61	174.15
		For Factory Installed Accessory, Deduct	*-348.31*	
26 29 13 13-0260	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SBG4)	1,523.06	174.15
		For Factory Installed Accessory, Deduct	*-348.31*	
26 29 13 13-0261	EA	Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amperes, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SCG2)	1,652.61	185.77
		For Factory Installed Accessory, Deduct	*-371.52*	
26 29 13 13-0262	EA	Size 1, 1 Phase, 3 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amperes, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SCG6)	1,717.82	203.18
		For Factory Installed Accessory, Deduct	*-406.35*	
26 29 13 13-0263	EA	Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SCG8)	1,754.28	203.18
		For Factory Installed Accessory, Deduct	*-406.35*	
26 29 13 13-0264	EA	Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SDG2)	3,080.25	232.20
		For Factory Installed Accessory, Deduct	*-464.40*	
26 29 13 13-0265	EA	Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SEG2)	5,058.39	348.31
		For Factory Installed Accessory, Deduct	*-696.61*	
26 29 13 13-0266	EA	Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amperes, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SFG3)	11,449.59	522.46
		For Factory Installed Accessory, Deduct	*-1,044.91*	

26 29 13 13-0267 NEMA 12, Reversing, Magnetic Starters *(26 29 13 13-0239)*

26 29 13 13-0268	EA	Size 0, 1 Phase, 3 Pole, 3/4 HP At 115 Volt, 1 HP At 230 Volt, 18 Amperes, NEMA 12 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SBA2)	1,745.86	174.15
		For Factory Installed Accessory, Deduct	*-348.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0269	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 12 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SBA4)	1,782.32	174.15
		For Factory Installed Accessory, Deduct	*-348.31*	
26 29 13 13-0270	EA	Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 12 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SCA4)	2,013.54	203.18
		For Factory Installed Accessory, Deduct	*-406.35*	
26 29 13 13-0271	EA	Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, NEMA 12 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SDA1)	3,513.70	232.20
		For Factory Installed Accessory, Deduct	*-464.40*	

26 29 13 13-0272 NEMA 4X, Reversing, Magnetic Starters *(26 29 13 13-0239)*

Note: Brushed stainless steel enclosure.

26 29 13 13-0273	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 4/4X Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SBW14)	2,185.38	174.15
		For Factory Installed Accessory, Deduct	*-348.31*	
26 29 13 13-0274	EA	Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amperes, NEMA 4/4X Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SCW11)	2,576.21	185.77
		For Factory Installed Accessory, Deduct	*-371.52*	

26 29 13 13-0275 Magnetic Contactor/Starters Accessories *(26 29 13 13-0083)*

26 29 13 13-0276	EA	NEMA 1 Enclosure Start/Stop Push Button Kit, Contactor/Starter Accessory (Square D 9999SA2)	162.99	14.51
		For Factory Installed Accessory, Deduct	*-29.03*	
26 29 13 13-0277	EA	NEMA 12 Enclosure Start/Stop Push Button Kit, Contactor/Starter Accessory (Square D 9999SA3)	277.32	14.51
		For Factory Installed Accessory, Deduct	*-29.03*	
26 29 13 13-0278	EA	NEMA 1 Enclosure Selector Switch Kit, Contactor/Starter Accessory (Square D 9999SC2)	162.99	14.51
		For Factory Installed Accessory, Deduct	*-29.03*	
26 29 13 13-0279	EA	NEMA 12 Enclosure Selector Switch Kit, Contactor/Starter Accessory (Square D 9999SC8)	277.32	14.51
		For Factory Installed Accessory, Deduct	*-29.03*	
26 29 13 13-0280	EA	NEMA 1 And 12 Enclosure Red Pilot Light Kit, Contactor/Starter Accessory (Square D 9999SP2R)	277.32	14.51
		For Factory Installed Accessory, Deduct	*-29.03*	
26 29 13 13-0281	EA	Internal Non-Convertible Contact Block Kit, 1 Contact, Contactor/Starter Accessory (Square D 9999SX11)	137.55	11.61
		For Factory Installed Accessory, Deduct	*-23.22*	
26 29 13 13-0282	EA	External Convertible Field Contact, 1 Contact, Contactor/Starter Accessory (Square D 9999SX6)	122.54	11.61
		For Factory Installed Accessory, Deduct	*-23.22*	
26 29 13 13-0283	EA	External Convertible Field Contacts, 2 Contacts Or 1 Overlapping Contact, Contactor/Starter Accessory (Square D 9999SX8)	162.99	14.51
		For Factory Installed Accessory, Deduct	*-29.03*	
26 29 13 13-0284	EA	External Field Non-Convertible Contact, 1 Contact, Contactor/Starter Accessory (Square D 9999SX13)	137.55	11.61
		For Factory Installed Accessory, Deduct	*-23.22*	
26 29 13 13-0285	EA	External Field Non-Convertible Contacts, 2 Contacts Or 1 Overlapping Contact, Contactor/Starter Accessory (Square D 9999SX15)	183.78	14.51
		For Factory Installed Accessory, Deduct	*-29.03*	
26 29 13 13-0286	EA	30 Amperes, 1 Contact Power Pole Adder Kit, Contactor/Starter Accessory (Square D 9999SB6)	205.69	11.61
		For Factory Installed Accessory, Deduct	*-23.22*	
26 29 13 13-0287	EA	45 Amperes, 1 Contact Power Pole Adder Kit, Contactor/Starter Accessory (Square D 9999SB11)	354.66	11.61
		For Factory Installed Accessory, Deduct	*-23.22*	
26 29 13 13-0288	EA	60 Amperes, 1 Contact Power Pole Adder Kit, Contactor/Starter Accessory (Square D 9999SB21)	376.61	11.61
		For Factory Installed Accessory, Deduct	*-23.22*	
26 29 13 13-0289	EA	30 Amperes, 2 Contact Power Pole Adder Kit, Contactor/Starter Accessory (Square D 9999SB8)	450.55	14.51
		For Factory Installed Accessory, Deduct	*-29.03*	
26 29 13 13-0290	EA	45 Amperes, 2 Contact Power Pole Adder Kit, Contactor/Starter Accessory (Square D 9999SB13)	786.61	14.51
		For Factory Installed Accessory, Deduct	*-29.03*	
26 29 13 13-0291	EA	60 Amperes, 2 Contact Power Pole Adder Kit, Contactor/Starter Accessory (Square D 9999SB23)	786.61	14.51
		For Factory Installed Accessory, Deduct	*-29.03*	
26 29 13 13-0292	EA	Adapter Bracket For Power Pole Adder Kit, Contactor/Starter Accessory (Square D 9999SBT1)	47.57	8.71
		For Factory Installed Accessory, Deduct	*-17.42*	
26 29 13 13-0293	EA	1 Pole Control Circuit Fuse Holder, Contactor/Starter Accessory (Square D 9999SF3)	97.13	11.61
		For Factory Installed Accessory, Deduct	*-23.22*	
26 29 13 13-0294	EA	2 Pole Control Circuit Fuse Holder, Contactor/Starter Accessory (Square D 9999SF4)	128.35	14.51
		For Factory Installed Accessory, Deduct	*-29.03*	
26 29 13 13-0295	EA	Transient Suppression Module, Contactor/Starter Accessory (Square D 9999ST1)	100.63	14.51
		For Factory Installed Accessory, Deduct	*-29.03*	
26 29 13 13-0296	EA	Terminal Block, Contactor/Starter Accessory (Square D 9999T7)	55.89	8.71
		For Factory Installed Accessory, Deduct	*-17.42*	
26 29 13 13-0297	EA	Closing Plate For NEMA 1 Enclosures, Contactor/Starter Accessory (Square D 9999SG1)	33.94	8.71
		For Factory Installed Accessory, Deduct	*-17.42*	
26 29 13 13-0298	EA	1 Pole Disconnect Switch And Breaker Interlock, Contactor/Starter Accessory (Square D 9999R39)	179.13	11.61
		For Factory Installed Accessory, Deduct	*-23.22*	
26 29 13 13-0299	EA	2 Pole Disconnect Switch And Breaker Interlock, Contactor/Starter Accessory (Square D 9999R40)	309.66	14.51
		For Factory Installed Accessory, Deduct	*-29.03*	

26 29 13 13-0300 Definite Purpose Starters *(26 29 13 13)*

26 29 13 13-0301 Open Enclosure, Definite Purpose Starter *(26 29 13 13-0300)*

26 29 13 13-0302	EA	Open Enclosure, 3 Phase, 3 Pole, 3 HP At 230 Volt, 5 HP At 460/575 Volt, 20 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSO13)	579.43	139.32
		For Factory Installed Accessory, Deduct	*-278.65*	
26 29 13 13-0303	EA	Open Enclosure, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 25 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSO22)	578.41	139.32
		For Factory Installed Accessory, Deduct	*-278.65*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0304	EA	Open Enclosure, 3 Phase, 3 Pole, 7.5 HP At 230 Volt, 10 HP At 460/575 Volt, 25 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSO23)	625.93	150.94
		For Factory Installed Accessory, Deduct	*-301.86*	
26 29 13 13-0305	EA	Open Enclosure, 1 Phase, 2 Pole, 2 HP At 115 Volt, 5 HP At 230 Volt, 30 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSO32)	615.89	139.32
		For Factory Installed Accessory, Deduct	*-278.65*	
26 29 13 13-0306	EA	Open Enclosure, 3 Phase, 3 Pole, 10 HP At 230 Volt, 15 HP At 460/575 Volt, 30 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSO33)	669.48	150.94
		For Factory Installed Accessory, Deduct	*-301.86*	
26 29 13 13-0307	EA	Open Enclosure, 1 Phase, 2 Pole, 3 HP At 115 Volt, 7-1/2 HP At 230 Volt, 40 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSO42)	648.29	139.32
		For Factory Installed Accessory, Deduct	*-278.65*	
26 29 13 13-0308	EA	Open Enclosure, 3 Phase, 3 Pole, 10 HP At 230 Volt, 20 HP At 460/575 Volt, 40 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSO43)	752.38	174.15
		For Factory Installed Accessory, Deduct	*-348.31*	
26 29 13 13-0309	EA	Open Enclosure, 1 Phase, 2 Pole, 3 HP At 115 Volt, 10 HP At 230 Volt, 50 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSO52)	836.44	174.15
		For Factory Installed Accessory, Deduct	*-348.31*	
26 29 13 13-0310	EA	Open Enclosure, 3 Phase, 3 Pole, 15 HP At 230 Volt, 30 HP At 460/575 Volt, 50 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSO53)	1,052.46	203.18
		For Factory Installed Accessory, Deduct	*-406.35*	
26 29 13 13-0311		**NEMA 1, Definite Purpose Starter** *(26 29 13 13-0300)*		
26 29 13 13-0312	EA	NEMA 1, 1 Phase, 2 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 20 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG12)	591.65	127.71
		For Factory Installed Accessory, Deduct	*-255.43*	
26 29 13 13-0313	EA	NEMA 1, 3 Phase, 3 Pole, 3 HP At 230 Volt, 5 HP At 460/575 Volt, 20 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG13)	639.18	139.32
		For Factory Installed Accessory, Deduct	*-278.65*	
26 29 13 13-0314	EA	NEMA 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 25 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG22)	637.15	139.32
		For Factory Installed Accessory, Deduct	*-278.65*	
26 29 13 13-0315	EA	NEMA 1, 3 Phase, 3 Pole, 7.5 HP At 230 Volt, 10 HP At 460/575 Volt, 25 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG23)	687.71	150.94
		For Factory Installed Accessory, Deduct	*-301.86*	
26 29 13 13-0316	EA	NEMA 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 5 HP At 230 Volt, 30 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG32)	675.64	139.32
		For Factory Installed Accessory, Deduct	*-278.65*	
26 29 13 13-0317	EA	NEMA 1, 3 Phase, 3 Pole, 10 HP At 230 Volt, 15 HP At 460/575 Volt, 30 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG33)	730.24	150.94
		For Factory Installed Accessory, Deduct	*-301.86*	
26 29 13 13-0318	EA	NEMA 1, 1 Phase, 2 Pole, 3 HP At 115 Volt, 7-1/2 HP At 230 Volt, 40 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG42)	710.07	139.32
		For Factory Installed Accessory, Deduct	*-278.65*	
26 29 13 13-0319	EA	NEMA 1, 3 Phase, 3 Pole, 10 HP At 230 Volt, 20 HP At 460/575 Volt, 40 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG43)	813.15	174.15
		For Factory Installed Accessory, Deduct	*-348.31*	
26 29 13 13-0320	EA	NEMA 1, 1 Phase, 2 Pole, 3 HP At 115 Volt, 10 HP At 230 Volt, 50 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG52)	894.17	174.15
		For Factory Installed Accessory, Deduct	*-348.31*	
26 29 13 13-0321	EA	NEMA 1, 3 Phase, 3 Pole, 15 HP At 230 Volt, 30 HP At 460/575 Volt, 50 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG53)	1,111.20	203.18
		For Factory Installed Accessory, Deduct	*-406.35*	
26 29 13 13-0322		**Definite Purpose Starter Accessory** *(26 29 13 13-0300)*		
26 29 13 13-0323	EA	Start-Stop Push Button Kit, Definite Purpose Starter Accessory Note: Or Hand-Off-Auto Selector Switch Kit	183.78	14.51
		For Factory Installed Accessory, Deduct	*-29.03*	
26 29 13 13-0324		**Panel Mounted Miniature Contactor** *(26 29 13 13)*		
26 29 13 13-0325		**Non-Reversing, Panel Mounted Miniature Contactor** *(26 29 13 13-0324)*		
26 29 13 13-0326	EA	3 Phase (1-1/2 HP At 200/230 Volt, 3 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 6 Amperes, 15 Amperes, AC Coil, Non-Reversing, Panel Mounted Miniature Contactor (Square D LC1K)	173.83	58.05
26 29 13 13-0327	EA	3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 4 Pole, Without Auxiliary Contacts, 9 Amperes, 20 Amperes, AC Coil, Non-Reversing, Panel Mounted Miniature Contactor (Square D LC1K)	203.66	63.86
26 29 13 13-0328	EA	3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 9 Amperes, 20 Amperes, AC Coil, Non-Reversing, Panel Mounted Miniature Contactor (Square D LC1K)	203.66	63.86
26 29 13 13-0329	EA	3 Phase (3 HP At 200/230 Volt, 7-1/2 HP At 460 Volt, 10 HP At 575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 12 Amperes, 20 Amperes, AC Coil, Non-Reversing, Panel Mounted Miniature Contactor (Square D LC1K)	226.41	69.66
26 29 13 13-0330	EA	3 Phase (1-1/2 HP At 200/230 Volt, 3 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 6 Amperes, 15 Amperes, DC Coil, Non-Reversing, Panel Mounted Miniature Contactor (Square D LP1K)	192.06	58.05
26 29 13 13-0331	EA	3 Phase (1-1/2 HP At 200/230 Volt, 3 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 6 Amperes, 15 Amperes, DC Coil With Integral Suppression, Non-Reversing, Panel Mounted Miniature Contactor (Square D LP1K)	202.19	58.05

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0332	EA	3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 9 Amperes, 20 Amperes, DC Coil, Non-Reversing, Panel Mounted Miniature Contactor (Square D LP1K)	220.88	63.86
26 29 13 13-0333	EA	3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 9 Amperes, 20 Amperes, DC Coil With Integral Suppression, Non-Reversing, Panel Mounted Miniature Contactor (Square D LP1K)	231.01	63.86
26 29 13 13-0334	EA	3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 4 Pole, Without Auxiliary Contacts, 9 Amperes, 20 Amperes, DC Coil, Non-Reversing, Panel Mounted Miniature Contactor (Square D LP1K)	226.96	63.86
26 29 13 13-0335	EA	3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 4 Pole, Without Auxiliary Contacts, 9 Amperes, 20 Amperes, DC Coil With Integral Suppression, Non-Reversing, Panel Mounted Miniature Contactor (Square D LP1K)	231.01	63.86
26 29 13 13-0336	EA	3 Phase (3 HP At 200/230 Volt, 7-1/2 HP At 460 Volt, 10 HP At 575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 4 Pole, Without Auxiliary Contacts, 12 Amperes, 20 Amperes, DC Coil, Non-Reversing, Panel Mounted Miniature Contactor (Square D LP1K)	246.67	69.66
26 29 13 13-0337	EA	3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 4 Pole, Without Auxiliary Contacts, 9 Amperes, 20 Amperes, DC Coil With Integral Suppression, Non-Reversing, Panel Mounted Miniature Contactor (Square D LP1K)	237.08	63.86
26 29 13 13-0338	EA	3 Phase (3 HP At 200/230 Volt, 7-1/2 HP At 460 Volt, 10 HP At 575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 12 Amperes, 20 Amperes, DC Coil With Integral Suppression, Non-Reversing, Panel Mounted Miniature Contactor (Square D LP1K)	256.80	69.66
26 29 13 13-0339	EA	3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 9 Amperes, 20 Amperes, DC Low Consumption Coil With Integral Suppression, Non-Reversing, Panel Mounted Miniature Contactor (Square D LP4K)	239.11	63.86
26 29 13 13-0340	EA	3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 4 Pole, Without Auxiliary Contacts, 9 Amperes, 20 Amperes, DC Low Consumption Coil With Integral Suppression, Non-Reversing, Panel Mounted Miniature Contactor (Square D LP4K)	239.11	63.86
26 29 13 13-0341	EA	3 Phase (3 HP At 200/230 Volt, 7-1/2 HP At 460 Volt, 10 HP At 575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 12 Amperes, 20 Amperes, DC Low Consumption Coil With Integral Suppression, Non-Reversing, Panel Mounted Miniature Contactor (Square D LP4K)	266.92	69.66
26 29 13 13-0342	EA	3 Phase (3 HP At 200/230 Volt, 7-1/2 HP At 460 Volt, 10 HP At 575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 4 Pole, Without Auxiliary Contacts, 12 Amperes, 20 Amperes, DC Low Consumption Coil With Integral Suppression, Non-Reversing, Panel Mounted Miniature Contactor (Square D LP4K)	266.92	69.66
26 29 13 13-0343		**Reversing, Panel Mounted Miniature Contactor** *(26 29 13 13-0324)*		
26 29 13 13-0344	EA	3 Phase (1-1/2 HP At 200/230 Volt, 3 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 6 Amperes, 15 Amperes, AC Coil, Reversing, Panel Mounted Miniature Contactor (Square D LC2K)	247.76	58.05
26 29 13 13-0345	EA	3 Phase (1-1/2 HP At 200/230 Volt, 3 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 6 Amperes, 15 Amperes, AC Coil With Integral Suppression, Reversing, Panel Mounted Miniature Contactor (Square D LC2K)	268.02	58.05
26 29 13 13-0346	EA	3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 9 Amperes, 20 Amperes, AC Coil, Reversing, Panel Mounted Miniature Contactor (Square D LC2K)	296.83	63.86
26 29 13 13-0347	EA	3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 4 Pole, Without Auxiliary Contacts, 9 Amperes, 20 Amperes, AC Coil, Reversing, Panel Mounted Miniature Contactor (Square D LC2K)	296.83	63.86
26 29 13 13-0348	EA	3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 9 Amperes, 20 Amperes, AC Coil With Integral Suppression, Reversing, Panel Mounted Miniature Contactor (Square D LC2K)	317.09	63.86
26 29 13 13-0349	EA	3 Phase (3 HP At 200/230 Volt, 7-1/2 HP At 460 Volt, 10 HP At 575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 12 Amperes, 20 Amperes, AC Coil, Reversing, Panel Mounted Miniature Contactor (Square D LC2K)	332.75	69.66
26 29 13 13-0350	EA	3 Phase (3 HP At 200/230 Volt, 7-1/2 HP At 460 Volt, 10 HP At 575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 4 Pole, Without Auxiliary Contacts, 12 Amperes, 20 Amperes, AC Coil, Reversing, Panel Mounted Miniature Contactor (Square D LC2K)	332.75	69.66
26 29 13 13-0351	EA	3 Phase (1-1/2 HP At 200/230 Volt, 3 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 6 Amperes, 15 Amperes, DC Coil, Reversing, Panel Mounted Miniature Contactor (Square D LP2K)	285.23	58.05
26 29 13 13-0352	EA	3 Phase (1-1/2 HP At 200/230 Volt, 3 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 6 Amperes, 15 Amperes, DC Coil With Integral Suppression, Reversing, Panel Mounted Miniature Contactor (Square D LP2K)	305.49	58.05
26 29 13 13-0353	EA	3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 9 Amperes, 20 Amperes, DC Coil, Reversing, Panel Mounted Miniature Contactor (Square D LP2K)	332.28	63.86
26 29 13 13-0354	EA	3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 9 Amperes, 20 Amperes, DC Coil With Integral Suppression, Reversing, Panel Mounted Miniature Contactor (Square D LP2K)	352.53	63.86
26 29 13 13-0355	EA	3 Phase (3 HP At 200/230 Volt, 7-1/2 HP At 460 Volt, 10 HP At 575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 12 Amperes, 20 Amperes, DC Coil, Reversing, Panel Mounted Miniature Contactor (Square D LP2K)	374.27	69.66
26 29 13 13-0356	EA	3 Phase (3 HP At 200/230 Volt, 7-1/2 HP At 460 Volt, 10 HP At 575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 12 Amperes, 20 Amperes, DC Coil With Integral Suppression, Reversing, Panel Mounted Miniature Contactor (Square D LP2K)	394.53	69.66
26 29 13 13-0357	EA	3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 9 Amperes, 20 Amperes, DC Low Consumption Coil With Integral Suppression, Reversing, Panel Mounted Miniature Contactor (Square D LP5K)	321.14	63.86
26 29 13 13-0358	EA	3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 9 Amperes, 20 Amperes, DC Low Consumption Coil With Integral Suppression, Reversing, Panel Mounted Miniature Contactor (Square D LP5K)	368.74	63.86
26 29 13 13-0359	EA	3 Phase (3 HP At 200/230 Volt, 7-1/2 HP At 460 Volt, 10 HP At 575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 12 Amperes, 20 Amperes, DC Low Consumption Coil With Integral Suppression, Reversing, Panel Mounted Miniature Contactor (Square D LP5K)	416.80	69.66

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0360		**Panel Mounted Miniature Contactor Accessories** *(26 29 13 13-0324)*		
26 29 13 13-0361	EA	2 Auxiliary Contacts, 10 Amperes, Panel Mounted Miniature Contactor Accessory (Square D LA1KN02)	73.95	29.03
26 29 13 13-0362	EA	4 Auxiliary Contacts, 10 Amperes, Panel Mounted Miniature Contactor Accessory (Square D LA1KN40)	81.77	29.03
26 29 13 13-0363	EA	Electronic Time Delay Contact, 2 Amperes, Panel Mounted Miniature Contactor Accessory (Square D LA2KT2U)	95.93	29.03
26 29 13 13-0364	EA	Overload Relay, Panel Mounted Miniature Contactor Accessory (Square D LR2K0301)	124.09	29.03
26 29 13 13-0365		**Reduced Voltage Auto Transformer Type 240-600 Volt, 3 Pole** *(26 29 13 13)*		
26 29 13 13-0366		**NEMA 1 Enclosure** *(26 29 13 13-0365)*		
26 29 13 13-0367	EA	Reduced Voltage Auto Transformer Starter, Size 3, 50 HP, NEMA 1, 240 - 600 Volt, 3 Pole, Non-Reversing	7,219.93	556.34
		For NEMA 4, Add	*760.45*	
26 29 13 13-0368	EA	Reduced Voltage Auto Transformer Starter, Size 4, 100 HP, NEMA 1, 240 - 600 Volt, 3 Pole, Non-Reversing	12,598.10	741.78
		For NEMA 4, Add	*1,389.02*	
26 29 13 13-0369	EA	Reduced Voltage Auto Transformer Starter, Size 5, 200 HP, NEMA 1, 240 - 600 Volt, 3 Pole, Non-Reversing	22,037.50	880.87
		For NEMA 4, Add	*2,535.17*	
26 29 13 13-0370	EA	Reduced Voltage Auto Transformer Starter, Size 6, 300 HP, NEMA 1, 240 - 600 Volt, 3 Pole, Non-Reversing	53,699.43	1,077.90
		For NEMA 4, Add	*6,444.13*	
26 29 13 13-0371	EA	Reduced Voltage Auto Transformer Starter, Size 7, 600 HP, NEMA 1, 240 - 600 Volt, 3 Pole, Non-Reversing	85,660.88	1,379.25
		For NEMA 4, Add	*10,362.66*	
26 29 13 13-0372		**NEMA 12 Enclosure** *(26 29 13 13-0365)*		
26 29 13 13-0373	EA	Reduced Voltage Auto Transformer Starter, Size 3, 50 HP, NEMA 12, 240 - 600 Volt, 3 Pole, Non-Reversing	7,169.26	568.16
26 29 13 13-0374	EA	Reduced Voltage Auto Transformer Starter, Size 4, 100 HP, NEMA 12, 240 - 600 Volt, 3 Pole, Non-Reversing	12,505.55	742.94
26 29 13 13-0375	EA	Reduced Voltage Auto Transformer Starter, Size 5, 200 HP, NEMA 12, 240 - 600 Volt, 3 Pole, Non-Reversing	21,868.57	878.09
26 29 13 13-0376	EA	Reduced Voltage Auto Transformer Starter, Size 6, 300 HP, NEMA 12, 240 - 600 Volt, 3 Pole, Non-Reversing	53,270.03	1,073.15
26 29 13 13-0377	EA	Reduced Voltage Auto Transformer Starter, Size 7, 600 HP, NEMA 12, 240 - 600 Volt, 3 Pole, Non-Reversing	84,970.37	1,379.83
26 29 13 13-0378		**Factory Modifications Pilot Devices** *(26 29 13 13-0365)*		
26 29 13 13-0379	EA	Start-Stop Push-button, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Pilot Device	179.16	
26 29 13 13-0380	EA	H-O-A Select Switch, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Pilot Device	197.60	
26 29 13 13-0381	EA	Forward-Reverse-Stop, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Pilot Device	336.35	
26 29 13 13-0382	EA	Pilot Light, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Pilot Device	182.75	
26 29 13 13-0383	EA	Fused Control Circuit, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Pilot Device	262.77	
26 29 13 13-0384	EA	Auxiliary Interlock, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Pilot Device	131.39	
26 29 13 13-0385	EA	Auxiliary Relay, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Pilot Device	428.84	
26 29 13 13-0386		**Factory Modifications Meters** *(26 29 13 13-0365)*		
26 29 13 13-0387	EA	Ammeter And Switch, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Meter	1,723.80	
26 29 13 13-0388	EA	Voltmeter, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Meter	1,664.95	
26 29 13 13-0389	EA	Wattmeter, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Meter	588.61	
26 29 13 13-0390	EA	Elapsed-time Meter, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Meter	487.73	
26 29 13 13-0391		**Factory Modifications Main Circuit Breakers** *(26 29 13 13-0365)*		
26 29 13 13-0392	EA	Reduced Voltage Auto Transformer Starter, Size 3, Circuit Breaker, Factory Modification Main Circuit Breaker	2,278.25	
26 29 13 13-0393	EA	Reduced Voltage Auto Transformer Starter, Size 4, Circuit Breaker, Factory Modification Main Circuit Breaker	4,166.64	
26 29 13 13-0394	EA	Reduced Voltage Auto Transformer Starter, Size 5-7, Circuit Breaker, Factory Modification Main Circuit Breaker	8,862.86	
26 29 13 13-0395		**Factory Modifications Addition** *(26 29 13 13-0365)*		
		Note: For reversing service auto transformer type.		
26 29 13 13-0396	EA	Reduced Voltage Auto Transformer Starter, Size 3, Factory Modification For Reversing Type 240 - 600 Volt, 3 Phase	382.62	
26 29 13 13-0397	EA	Reduced Voltage Auto Transformer Starter, Size 4, Factory Modification For Reversing Type 240 - 600 Volt, 3 Phase	382.62	
26 29 13 13-0398	EA	Reduced Voltage Auto Transformer Starter, Size 5, Factory Modification For Reversing Type 240 - 600 Volt, 3 Phase	382.62	
26 29 13 13-0399	EA	Reduced Voltage Auto Transformer Starter, Size 6, 7, Factory Modification For Reversing Type 240 - 600 Volt, 3 Phase	382.62	
26 29 13 13-0400		**Combination Starters Non-Reversing** *(26 29 13 13)*		
26 29 13 13-0401		**240-600 Volt, 3-Pole** *(26 29 13 13-0400)*		
26 29 13 13-0402		**NEMA 1 With Disconnect Switch** *(26 29 13 13-0401)*		
26 29 13 13-0403	EA	Combination Starter, Size 0, NEMA 1 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	1,427.10	266.58
		For Electronic Overloads, Add	*169.20*	
26 29 13 13-0404	EA	Combination Starter, Size 1, NEMA 1 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	1,779.32	417.25
		For Electronic Overloads, Add	*178.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0405	EA	Combination Starter, Size 2, NEMA 1 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	2,453.31	486.80
		For Electronic Overloads, Add	*282.62*	
26 29 13 13-0406	EA	Combination Starter, Size 3, NEMA 1 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	3,683.15	602.70
		For Electronic Overloads, Add	*470.41*	
26 29 13 13-0407	EA	Combination Starter, Size 4, NEMA 1 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	6,707.22	962.00
		For Electronic Overloads, Add	*907.34*	
26 29 13 13-0408	EA	Combination Starter, Size 5, NEMA 1 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	13,136.67	1,205.40
		For Electronic Overloads, Add	*2,037.18*	

26 29 13 13-0409 NEMA 1 With Circuit Breaker *(26 29 13 13-0401)*

26 29 13 13-0410	EA	Combination Starter, Size 0, NEMA 1 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	1,779.39	266.58
		For Electronic Overloads, Add	*236.13*	
26 29 13 13-0411	EA	Combination Starter, Size 1, NEMA 1 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	2,131.61	417.25
		For Electronic Overloads, Add	*245.43*	
26 29 13 13-0412	EA	Combination Starter, Size 2, NEMA 1 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	2,795.81	486.80
		For Electronic Overloads, Add	*347.69*	
26 29 13 13-0413	EA	Combination Starter, Size 3, NEMA 1 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	3,869.08	602.70
		For Electronic Overloads, Add	*505.73*	
26 29 13 13-0414	EA	Combination Starter, Size 4, NEMA 1 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	7,773.87	962.00
		For Electronic Overloads, Add	*1,110.01*	
26 29 13 13-0415	EA	Combination Starter, Size 5, NEMA 1 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	15,964.78	1,205.40
		For Electronic Overloads, Add	*2,574.52*	

26 29 13 13-0416 Factory Modifications For NEMA 1 Enclosure *(26 29 13 13-0401)*

26 29 13 13-0417	EA	Start-Stop Push-button, Factory Modifications - NEMA 1 Combination Motor Starter, 240 - 600 Volt	160.43
26 29 13 13-0418	EA	H-O-A Select Switch, Factory Modifications - NEMA 1 Combination Motor Starter, 240 - 600 Volt	376.81
26 29 13 13-0419	EA	Pilot Light, Factory Modifications - NEMA 1 Combination Motor Starter, 240 - 600 Volt	260.06

26 29 13 13-0420 NEMA 4 With Disconnect Switch *(26 29 13 13-0401)*

26 29 13 13-0421	EA	Combination Starter, Size 0, NEMA 4 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	2,545.40	347.71
		For Electronic Overloads, Add	*347.69*	
26 29 13 13-0422	EA	Combination Starter, Size 1, NEMA 4 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	2,844.74	486.80
		For Electronic Overloads, Add	*356.99*	
26 29 13 13-0423	EA	Combination Starter, Size 2, NEMA 4 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	4,008.93	533.15
		For Electronic Overloads, Add	*557.79*	
26 29 13 13-0424	EA	Combination Starter, Size 3, NEMA 4 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	6,288.38	649.06
		For Electronic Overloads, Add	*950.11*	
26 29 13 13-0425	EA	Combination Starter, Size 4, NEMA 4 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	9,936.54	962.00
		For Electronic Overloads, Add	*1,520.91*	
26 29 13 13-0426	EA	Combination Starter, Size 5, NEMA 4 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	21,376.34	1,205.40
		For Electronic Overloads, Add	*3,602.72*	

26 29 13 13-0427 NEMA 4 With Circuit Breaker *(26 29 13 13-0401)*

26 29 13 13-0428	EA	Combination Starter, Size 0, NEMA 4 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	2,897.69	347.71
		For Electronic Overloads, Add	*414.63*	
26 29 13 13-0429	EA	Combination Starter, Size 1, NEMA 4 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	3,197.03	486.80
		For Electronic Overloads, Add	*423.92*	
26 29 13 13-0430	EA	Combination Starter, Size 2, NEMA 4 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	4,351.43	533.15
		For Electronic Overloads, Add	*622.87*	
26 29 13 13-0431	EA	Combination Starter, Size 3, NEMA 4 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	6,474.31	649.06
		For Electronic Overloads, Add	*985.43*	
26 29 13 13-0432	EA	Combination Starter, Size 4, NEMA 4 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	11,003.20	962.00
		For Electronic Overloads, Add	*1,723.58*	
26 29 13 13-0433	EA	Combination Starter, Size 5, NEMA 4 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	20,270.54	1,205.40
		For Electronic Overloads, Add	*3,392.62*	

26 29 13 13-0434 Factory Modifications For NEMA 4 Enclosure *(26 29 13 13-0401)*

26 29 13 13-0435	EA	Start-Stop Push-button, Factory Modifications - NEMA 4 Combination Motor Starter, 240 - 600 Volt	160.45
26 29 13 13-0436	EA	H-O-A Select Switch, Factory Modifications - NEMA 4 Combination Motor Starter, 240 - 600 Volt	376.81
26 29 13 13-0437	EA	Pilot Light, Factory Modifications - NEMA 4 Combination Motor Starter, 240 - 600 Volt	260.06

26 29 13 13-0438 NEMA 12 With Disconnect Switch *(26 29 13 13-0401)*

26 29 13 13-0439	EA	Combination Starter, Size 0, NEMA 12 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	1,471.62	268.32
		For Electronic Overloads, Add	*177.66*	
26 29 13 13-0440	EA	Combination Starter, Size 1, NEMA 12 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	1,826.29	419.92
		For Electronic Overloads, Add	*187.42*	
26 29 13 13-0441	EA	Combination Starter, Size 2, NEMA 12 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	2,527.68	482.97
		For Electronic Overloads, Add	*296.75*	
26 29 13 13-0442	EA	Combination Starter, Size 3, NEMA 12 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	3,806.93	603.63
		For Electronic Overloads, Add	*493.92*	
26 29 13 13-0443	EA	Combination Starter, Size 4, NEMA 12 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	6,945.99	965.94
		For Electronic Overloads, Add	*952.71*	
26 29 13 13-0444	EA	Combination Starter, Size 5, NEMA 12 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	13,672.76	1,207.25
		For Electronic Overloads, Add	*2,139.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0445		**NEMA 12 With Circuit Breaker** *(26 29 13 13-0401)*		
26 29 13 13-0446	EA	Combination Starter, Size 0, NEMA 12 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	1,892.28	268.32
		For Electronic Overloads, Add	*257.58*	
26 29 13 13-0447	EA	Combination Starter, Size 1, NEMA 12 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	2,248.95	419.92
		For Electronic Overloads, Add	*267.72*	
26 29 13 13-0448	EA	Combination Starter, Size 2, NEMA 12 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	2,962.04	482.97
		For Electronic Overloads, Add	*379.27*	
26 29 13 13-0449	EA	Combination Starter, Size 3, NEMA 12 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	4,110.86	603.63
		For Electronic Overloads, Add	*551.67*	
26 29 13 13-0450	EA	Combination Starter, Size 4, NEMA 12 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	8,304.56	965.94
		For Electronic Overloads, Add	*1,210.84*	
26 29 13 13-0451	EA	Combination Starter, Size 5, NEMA 12 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	17,195.64	1,207.25
		For Electronic Overloads, Add	*2,808.39*	
26 29 13 13-0452		**Factory Modifications For NEMA 12 Enclosure** *(26 29 13 13-0401)*		
26 29 13 13-0453	EA	Start-Stop Push-button, Factory Modifications - NEMA 12 Combination Motor Starter, 240 - 600 Volt	159.12	
26 29 13 13-0454	EA	H-O-A Select Switch, Factory Modifications - NEMA 12 Combination Motor Starter, 240 - 600 Volt	373.68	
26 29 13 13-0455	EA	Pilot Light, Factory Modifications - NEMA 12 Combination Motor Starter, 240 - 600 Volt	257.90	
26 29 13 13-0456		**NEMA 7 Or 9 With Circuit Breaker** *(26 29 13 13-0401)*		
26 29 13 13-0457	EA	Combination Starter, Size 0, NEMA 7 Or 9 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	3,274.10	556.34
26 29 13 13-0458	EA	Combination Starter, Size 1, NEMA 7 Or 9 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	4,431.55	741.78
26 29 13 13-0459	EA	Combination Starter, Size 2, NEMA 7 Or 9 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	4,893.39	1,019.95
26 29 13 13-0460	EA	Combination Starter, Size 3, NEMA 7 Or 9 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	7,227.05	1,390.85
26 29 13 13-0461	EA	Combination Starter, Size 4, NEMA 7 Or 9 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	10,837.72	1,947.18
26 29 13 13-0462		**Factory Modifications For NEMA 7 Or 9 Enclosure** *(26 29 13 13-0401)*		
26 29 13 13-0463	EA	Start-Stop Push-button, Factory Modifications - NEMA 7 Or 9 Combination Motor Starter, 240 - 600 Volt	954.10	
26 29 13 13-0464	EA	H-0-A Select Switch, Factory Modifications - NEMA 7 Or 9 Combination Motor Starter, 240 - 600 Volt	954.10	
26 29 13 13-0465	EA	Pilot Light, Factory Modifications - NEMA 7 Or 9 Combination Motor Starter, 240 - 600 Volt	954.10	
26 29 13 13-0466		**Combination Starters Reversing** *(26 29 13 13)*		
26 29 13 13-0467		**240-600 Volt, 3 Pole** *(26 29 13 13-0466)*		
26 29 13 13-0468		**NEMA 1 With Disconnect Switch** *(26 29 13 13-0467)*		
26 29 13 13-0469	EA	Combination Starter, Size 0, NEMA 1 With Disconnect Switch, Reversing, 240 - 600 Volt, 3 Phase	1,776.65	347.71
26 29 13 13-0470	EA	Combination Starter, Size 1, NEMA 1 With Disconnect Switch, Reversing, 240 - 600 Volt, 3 Phase	2,098.13	486.80
26 29 13 13-0471	EA	Combination Starter, Size 2, NEMA 1 With Disconnect Switch, Reversing, 240 - 600 Volt, 3 Phase	2,965.82	533.15
26 29 13 13-0472	EA	Combination Starter, Size 3, NEMA 1 With Disconnect Switch, Reversing, 240 - 600 Volt, 3 Phase	4,424.05	649.06
26 29 13 13-0473	EA	Combination Starter, Size 4, NEMA 1 With Disconnect Switch, Reversing, 240 - 600 Volt, 3 Phase	8,500.29	962.00
26 29 13 13-0474		**NEMA 1 With Circuit Breaker** *(26 29 13 13-0467)*		
26 29 13 13-0475	EA	Combination Starter, Size 0, NEMA 1 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase	1,962.53	347.71
26 29 13 13-0476	EA	Combination Starter, Size 1, NEMA 1 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase	2,296.54	486.80
26 29 13 13-0477	EA	Combination Starter, Size 2, NEMA 1 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase	3,198.09	533.15
26 29 13 13-0478	EA	Combination Starter, Size 3, NEMA 1 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase	4,104.27	649.06
26 29 13 13-0479	EA	Combination Starter, Size 4, NEMA 1 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase	9,128.57	962.00
26 29 13 13-0480		**NEMA 12 With Disconnect Switch** *(26 29 13 13-0467)*		
26 29 13 13-0481	EA	Combination Starter, Size 0, NEMA 12 With Disconnect Switch, Reversing, 240 - 600 Volt, 3 Phase	1,884.74	357.80
26 29 13 13-0482	EA	Combination Starter, Size 1, NEMA 12 With Disconnect Switch, Reversing, 240 - 600 Volt, 3 Phase	2,213.45	482.97
26 29 13 13-0483	EA	Combination Starter, Size 2, NEMA 12 With Disconnect Switch, Reversing, 240 - 600 Volt, 3 Phase	3,158.59	536.63
26 29 13 13-0484	EA	Combination Starter, Size 3, NEMA 12 With Disconnect Switch, Reversing, 240 - 600 Volt, 3 Phase	4,743.50	643.96
26 29 13 13-0485	EA	Combination Starter, Size 4, NEMA 12 With Disconnect Switch, Reversing, 240 - 600 Volt, 3 Phase	9,169.34	965.94
26 29 13 13-0486		**NEMA 12 With Circuit Breaker** *(26 29 13 13-0467)*		
26 29 13 13-0487	EA	Combination Starter, Size 0, NEMA 12 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase	2,089.55	357.80
26 29 13 13-0488	EA	Combination Starter, Size 1, NEMA 12 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase	2,432.08	482.97
26 29 13 13-0489	EA	Combination Starter, Size 2, NEMA 12 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase	3,414.53	536.63
26 29 13 13-0490	EA	Combination Starter, Size 3, NEMA 12 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase	4,391.14	643.96
26 29 13 13-0491	EA	Combination Starter, Size 4, NEMA 12 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase	9,861.61	965.94
26 29 13 13-0492		**NEMA 7 Or 9 With Circuit Breaker** *(26 29 13 13-0467)*		
26 29 13 13-0493	EA	Combination Starter, Size 0, NEMA 7 Or 9 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase	3,993.15	741.78
26 29 13 13-0494	EA	Combination Starter, Size 1, NEMA 7 Or 9 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase	4,334.15	927.22
26 29 13 13-0495	EA	Combination Starter, Size 2, NEMA 7 Or 9 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase	6,188.92	1,205.40
26 29 13 13-0496	EA	Combination Starter, Size 3, NEMA 7 Or 9 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase	9,732.16	1,576.28
26 29 13 13-0497	EA	Combination Starter, Size 4, NEMA 7 Or 9 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase	17,515.64	2,132.63
26 29 13 13-0498		**Solid State Motor Controllers** *(26 29 13 13)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0499		**Adjustable Voltage Drives, DC Motors** *(26 29 13 13-0498)*		
26 29 13 13-0500	EA	0.5-1.5 HP DC Solid State Motor Controller, Reversing With Dynamic Braking	1,383.24	208.62
26 29 13 13-0501	EA	0.5-2.0 HP DC Solid State Motor Controller, Non-Reversing With Dynamic Braking	1,643.34	208.62
26 29 13 13-0502		**Removal And Reinstallation Of Motor Starters** *(26 29 13 13)*		
		Note: Includes storage and cleaning.		
26 29 13 13-0503	EA	Removal And Reinstallation Of Up To 25 HP Motor Starter With Disconnect	827.88	
26 29 13 13-0504		**Auxiliary Devices** *(26 29 13 13)*		
26 29 13 13-0505	EA	Normally Open, Auxiliary Contact	434.32	115.91
26 29 13 13-0506	EA	Normally Closed, Auxiliary Contact	434.32	115.91
26 29 13 13-0507	EA	Pilot Light Kit	454.75	115.91

26 29 23 Variable-Frequency Motor Controllers *(26 29)*

26 29 23 00-0001		**208/230 Volt, Ultra Low Harmonic (ULH) Variable Frequency Drives** *(26 29 23)*		
		Note: 1 or 3 phase. Wall mounted. ABB ACH580 Series. Includes full voltage bypass with main input circuit breaker. NEMA 1 enclosure.		
26 29 23 00-0002	EA	3/4 HP, 208/230 Volt Variable Frequency Drive	2,270.04	426.79
		For 6-Pulse Drive Package, Deduct	*-778.99*	
26 29 23 00-0003	EA	1 HP, 208/230 Volt Variable Frequency Drive	2,559.18	466.47
		For 6-Pulse Drive Package, Deduct	*-896.81*	
26 29 23 00-0004	EA	1-1/2 HP, 208/230 Volt Variable Frequency Drive	2,978.97	512.91
		For 6-Pulse Drive Package, Deduct	*-1,074.24*	
26 29 23 00-0005	EA	2 HP, 208/230 Volt Variable Frequency Drive	3,149.62	493.02
		For 6-Pulse Drive Package, Deduct	*-1,189.97*	
26 29 23 00-0006	EA	3 HP, 208/230 Volt Variable Frequency Drive	3,374.73	537.53
		For 6-Pulse Drive Package, Deduct	*-1,264.82*	
26 29 23 00-0007	EA	5 HP, 208/230 Volt Variable Frequency Drive	3,658.25	537.53
		For 6-Pulse Drive Package, Deduct	*-1,420.76*	
26 29 23 00-0008	EA	7.5 HP, 208/230 Volt Variable Frequency Drive	4,370.85	641.80
		For 6-Pulse Drive Package, Deduct	*-1,697.98*	
26 29 23 00-0009	EA	10 HP, 208/230 Volt Variable Frequency Drive	4,780.39	641.80
		For 6-Pulse Drive Package, Deduct	*-1,923.23*	
26 29 23 00-0010	EA	15 HP, 208/230 Volt Variable Frequency Drive	6,280.06	966.36
		For 6-Pulse Drive Package, Deduct	*-2,391.04*	
26 29 23 00-0011	EA	20 HP, 208/230 Volt Variable Frequency Drive	7,414.16	966.36
		For 6-Pulse Drive Package, Deduct	*-3,014.79*	
26 29 23 00-0012	EA	25 HP, 208/230 Volt Variable Frequency Drive	9,025.33	1,283.72
		For 6-Pulse Drive Package, Deduct	*-3,551.91*	
26 29 23 00-0013	EA	30 HP, 208/230 Volt Variable Frequency Drive	10,442.94	1,283.72
		For 6-Pulse Drive Package, Deduct	*-4,331.59*	
26 29 23 00-0014	EA	40 HP, 208/230 Volt Variable Frequency Drive	11,671.54	1,283.72
		For 6-Pulse Drive Package, Deduct	*-5,007.32*	
26 29 23 00-0015	EA	50 HP, 208/230 Volt Variable Frequency Drive	15,405.41	1,622.79
		For 6-Pulse Drive Package, Deduct	*-6,687.98*	
26 29 23 00-0016	EA	60 HP, 208/230 Volt Variable Frequency Drive	18,582.60	1,919.72
		For 6-Pulse Drive Package, Deduct	*-8,108.74*	
26 29 23 00-0017	EA	75 HP, 208/230 Volt Variable Frequency Drive	21,102.80	1,919.72
		For 6-Pulse Drive Package, Deduct	*-9,494.85*	
26 29 23 00-0018		**460/480 Volt, Ultra Low Harmonic (ULH) Variable Frequency Drives** *(26 29 23)*		
		Note: 3 Phase. ABB ACH580 Series. Includes full voltage bypass with main input circuit breaker. NEMA 1 enclosure.		
26 29 23 00-0019	EA	3 HP, 480 Volt Variable Frequency Drive	5,442.12	767.91
		Note: Wall mounted.		
		For 6-Pulse Drive Package, Deduct	*-2,148.47*	
26 29 23 00-0020	EA	5 HP, 480 Volt Variable Frequency Drive	5,631.13	767.91
		Note: Wall mounted.		
		For 6-Pulse Drive Package, Deduct	*-2,252.43*	
26 29 23 00-0021	EA	7.5 HP, 480 Volt Variable Frequency Drive	6,145.68	914.97
		Note: Wall mounted.		
		For 6-Pulse Drive Package, Deduct	*-2,373.71*	
26 29 23 00-0022	EA	10 HP, 480 Volt Variable Frequency Drive	6,177.18	914.97
		Note: Wall mounted.		
		For 6-Pulse Drive Package, Deduct	*-2,391.04*	
26 29 23 00-0023	EA	15 HP, 480 Volt Variable Frequency Drive	8,255.71	1,387.13
		Note: Wall mounted.		
		For 6-Pulse Drive Package, Deduct	*-3,014.79*	
26 29 23 00-0024	EA	20 HP, 480 Volt Variable Frequency Drive	8,696.74	1,387.13
		Note: Wall mounted.		
		For 6-Pulse Drive Package, Deduct	*-3,257.36*	
26 29 23 00-0025	EA	25 HP, 480 Volt Variable Frequency Drive	10,432.83	1,829.94
		Note: Wall mounted.		
		For 6-Pulse Drive Package, Deduct	*-3,725.17*	
26 29 23 00-0026	EA	30 HP, 480 Volt Variable Frequency Drive	12,007.95	1,829.94
		Note: Wall mounted.		
		For 6-Pulse Drive Package, Deduct	*-4,591.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 23 00-0027	EA	40 HP, 480 Volt Variable Frequency Drive Note: Wall mounted.	13,646.08	1,829.94
		For 6-Pulse Drive Package, Deduct	*-5,492.46*	
26 29 23 00-0028	EA	50 HP, 480 Volt Variable Frequency Drive Note: Wall mounted.	17,879.88	2,324.47
		For 6-Pulse Drive Package, Deduct	*-7,277.08*	
26 29 23 00-0029	EA	60 HP, 480 Volt Variable Frequency Drive Note: Wall mounted.	23,910.52	2,756.53
		For 6-Pulse Drive Package, Deduct	*-10,118.60*	
26 29 23 00-0030	EA	75 HP, 480 Volt Variable Frequency Drive Note: Wall mounted.	25,422.64	2,756.53
		For 6-Pulse Drive Package, Deduct	*-10,950.27*	
26 29 23 00-0031	EA	100 HP, 480 Volt Variable Frequency Drive Note: Wall mounted.	29,455.00	3,071.63
		For 6-Pulse Drive Package, Deduct	*-12,821.52*	
26 29 23 00-0032	EA	125 HP, 480 Volt Variable Frequency Drive Note: Wall mounted.	31,093.13	3,071.63
		For 6-Pulse Drive Package, Deduct	*-13,722.49*	
26 29 23 00-0033	EA	150 HP, 480 Volt Variable Frequency Drive Note: Floor mounted.	34,495.40	3,071.63
		For 6-Pulse Drive Package, Deduct	*-15,593.74*	
26 29 23 00-0034	EA	200 HP, 480 Volt Variable Frequency Drive Note: Floor mounted.	39,798.75	3,707.09
		For 6-Pulse Drive Package, Deduct	*-17,811.51*	
26 29 23 00-0035	EA	250 HP, 480 Volt Variable Frequency Drive Note: Floor mounted.	49,938.27	3,872.54
		For 6-Pulse Drive Package, Deduct	*-23,206.25*	
26 29 23 00-0036	EA	300 HP, 480 Volt Variable Frequency Drive Note: Floor mounted.	58,585.55	4,443.60
		For 6-Pulse Drive Package, Deduct	*-27,334.09*	
26 29 23 00-0037	EA	350 HP, 480 Volt Variable Frequency Drive Note: Floor mounted.	67,450.69	4,819.22
		For 6-Pulse Drive Package, Deduct	*-31,796.67*	
26 29 23 00-0038	EA	400 HP, 480 Volt Variable Frequency Drive Note: Floor mounted.	78,242.39	5,203.77
		For 6-Pulse Drive Package, Deduct	*-37,309.23*	
26 29 23 00-0039	EA	450 HP, 480 Volt Variable Frequency Drive Note: Floor mounted.	84,319.99	5,642.93
		For 6-Pulse Drive Package, Deduct	*-40,168.78*	

26 30 Facility Electrical Power Generating and Storing Equipment

(26)

26 31 Photovoltaic Collectors *(26 30)*

26 31 00 00-0001 Rigid Photovoltaic Modules *(26 31)*

26 31 00 00-0002 Sanyo Rigid Photovoltaic Modules *(26 31 00 00-0001)*

26 31 00 00-0003	EA	205 Watt Hybrid Monocrystalline With Thin Amorphous Layers Photovoltaic Module, 62.2" x 31.4", 16.3% Module Efficiency (Sanyo HIP-205NHKA6)	2,180.05	110.10
		For >25 To 50, Deduct	*-158.00*	
		For >50 To 100, Deduct	*-212.50*	
		For >100, Deduct	*-316.00*	
26 31 00 00-0004	EA	210 Watt Hybrid Monocrystalline With Thin Amorphous Layers Photovoltaic Module, 62.2" x 31.4", 16.7% Module Efficiency (Sanyo HIP-210NHKA6)	2,286.28	110.10
		For >25 To 50, Deduct	*-165.97*	
		For >50 To 100, Deduct	*-223.12*	
		For >100, Deduct	*-331.93*	
26 31 00 00-0005	EA	215 Watt Hybrid Monocrystalline With Thin Amorphous Layers Photovoltaic Module, 62.2" x 31.4", 17.1% Module Efficiency (Sanyo HIP-215HNKA6)	2,138.37	110.10
		For >25 To 50, Deduct	*-154.87*	
		For >50 To 100, Deduct	*-208.33*	
		For >100, Deduct	*-309.74*	

26 31 00 00-0006 Sharp Rigid Photovoltaic Modules *(26 31 00 00-0001)*

26 31 00 00-0007	EA	224 Watt Polycrystalline Photovoltaic Module, 64.6" x 39.1", 13.74% Module Efficiency (Sharp ND-224UC1)	1,701.68	110.10
		For >25 To 50, Deduct	*-122.12*	
		For >50 To 100, Deduct	*-164.66*	
		For >100, Deduct	*-244.24*	
26 31 00 00-0008	EA	230 Watt Monocrystalline Photovoltaic Module, 64.6" x 39.1", 14.1% Module Efficiency (Sharp NU-U230F3)	1,938.81	110.10
		For >25 To 50, Deduct	*-139.91*	
		For >50 To 100, Deduct	*-188.38*	
		For >100, Deduct	*-279.81*	
26 31 00 00-0009	EA	235 Watt Monocrystalline Photovoltaic Module, 64.6" x 39.1", 14.4% Module Efficiency (Sharp NU-U235F1)	1,976.37	110.10
		For >25 To 50, Deduct	*-142.72*	
		For >50 To 100, Deduct	*-192.13*	
		For >100, Deduct	*-285.44*	
26 31 00 00-0010	EA	240 Watt Monocrystalline Photovoltaic Module, 64.6" x 39.1", 14.7% Module Efficiency (Sharp NU-U240F1)	1,858.98	110.10
		For >25 To 50, Deduct	*-133.92*	
		For >50 To 100, Deduct	*-180.39*	
		For >100, Deduct	*-267.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 31 00 00-0011		**BP Solar Rigid Photovoltaic Modules** *(26 31 00 00-0001)*		
		Note: Approved for applications in NEC Class 1, Division 2, Groups C and D hazardous locations.		
26 31 00 00-0012	EA	50 Watt Polycrystalline Photovoltaic Module, 33" x 21.1" (BP SX350J)	828.18	110.10
		For >25 To 50, Deduct	*-56.61*	
		For >50 To 100, Deduct	*-77.31*	
		For >100, Deduct	*-113.22*	
26 31 00 00-0013	EA	75 Watt Polycrystalline Photovoltaic Module, 47.6" x 21.14" (BP SX375J)	1,027.75	110.10
		For >25 To 50, Deduct	*-71.58*	
		For >50 To 100, Deduct	*-97.27*	
		For >100, Deduct	*-143.15*	
26 31 00 00-0014	EA	80 Watt Polycrystalline Photovoltaic Module, 47.6" x 20.9" (BP SX380J)	1,107.57	110.10
		For >25 To 50, Deduct	*-77.56*	
		For >50 To 100, Deduct	*-105.25*	
		For >100, Deduct	*-155.12*	
26 31 00 00-0015		**Photovoltaic Inverters** *(26 31)*		
26 31 00 00-0016		**Fronius Photovoltaic Inverters** *(26 31 00 00-0015)*		
26 31 00 00-0017	EA	3 KW Photovoltaic Inverter (Fronius IG Plus 3.0-1)	5,223.45	115.91
26 31 00 00-0018	EA	5 KW Photovoltaic Inverter (Fronius IG Plus 5.0-1)	6,897.31	115.91
26 31 00 00-0019	EA	6 KW Photovoltaic Inverter (Fronius IG Plus 6.0-1)	7,281.88	115.91
26 31 00 00-0020	EA	7.5 KW Photovoltaic Inverter (Fronius IG Plus 7.5-1)	8,144.70	115.91
26 31 00 00-0021	EA	10 KW Photovoltaic Inverter (Fronius IG Plus 10.0-1)	12,910.44	115.91
26 31 00 00-0022	EA	12 KW Photovoltaic Inverter (Fronius IG Plus 12.0-3-1)	15,011.21	115.91
26 31 00 00-0023	EA	11.4 KW Photovoltaic Inverter (Fronius IG Plus 11.4-3 Delta)	12,197.54	231.81
26 31 00 00-0024	EA	11.4 KW Photovoltaic Inverter (Fronius IG Plus 11.4-3)	15,449.50	231.81
26 31 00 00-0025	EA	Inverter Display Stand (Fronius 4,045,894)	448.59	57.95
26 31 00 00-0026		**SMA Photovoltaic Inverters** *(26 31 00 00-0015)*		
26 31 00 00-0027	EA	4 KW AC Photovoltaic Inverter (SMA Sunny Boy 4000TL-US-22)	3,873.41	115.91
26 31 00 00-0028	EA	5 KW AC Photovoltaic Inverter (SMA Sunny Boy 5000TL-US-22)	4,653.96	115.91
26 31 00 00-0029	EA	6 KW AC Photovoltaic Inverter (SMA Sunny Boy 6000TL-US-22)	5,381.39	115.91
26 31 00 00-0030	EA	7 KW AC Photovoltaic Inverter (SMA Sunny Boy 7000TL-US-22)	5,936.72	115.91
26 31 00 00-0031	EA	8 KW AC Photovoltaic Inverter (SMA Sunny Boy 8000TL-US-12)	5,749.66	115.91
26 31 00 00-0032		**PVPowered Photovoltaic Inverters** *(26 31 00 00-0015)*		
26 31 00 00-0033	EA	120 Volt, 1.1 KW Photovoltaic Inverter (PVPowered PVP1100)	4,798.59	115.91
26 31 00 00-0034	EA	240 Volt, 2 KW Photovoltaic Inverter (PVPowered PVP2000)	5,019.70	115.91
26 31 00 00-0035	EA	240 Volt, 2.5 KW Photovoltaic Inverter (PVPowered PVP2500)	5,548.50	115.91
26 31 00 00-0036	EA	240 Volt, 3.5 KW Photovoltaic Inverter (PVPowered PVP3500)	6,577.47	144.87
26 31 00 00-0037	EA	208 Volt, 4.6 KW Photovoltaic Inverter (PVPowered PVP4600)	8,019.87	173.85
26 31 00 00-0038	EA	240 Volt, 4.8 KW Photovoltaic Inverter (PVPowered PVP4800)	8,087.19	173.85
26 31 00 00-0039	EA	240 Volt, 5.2 KW Photovoltaic Inverter (PVPowered PVP5200)	8,535.19	173.85
26 31 00 00-0040	EA	208 Volt, 75 KW Photovoltaic Inverter (PVPowered PVP75kW)	101,982.47	927.22
26 31 00 00-0041	EA	480 Volt, 75 KW Photovoltaic Inverter (PVPowered PVP75kW)	102,117.68	927.22
26 31 00 00-0042	EA	208 Volt, 100 KW Photovoltaic Inverter (PVPowered PVP100kW)	110,515.60	927.22
26 31 00 00-0043	EA	480 Volt, 100 KW Photovoltaic Inverter (PVPowered PVP100kW)	102,440.38	927.22
26 31 00 00-0044		**Solectria Photovoltaic Inverters** *(26 31 00 00-0015)*		
26 31 00 00-0045	EA	208 Or 480 Volt, 10 KW Photovoltaic Inverter (Solectria PVI)	16,022.00	231.81
26 31 00 00-0046	EA	208 Or 480 Volt, 13 KW Photovoltaic Inverter (Solectria PVI)	16,022.00	231.81
26 31 00 00-0047	EA	208 Volt, 15 KW, Photovoltaic Inverter (Solectria PVI)	16,491.88	231.81
26 31 00 00-0048	EA	480 Volt, 15 KW Photovoltaic Inverter (Solectria PVI)	16,491.88	231.81
26 31 00 00-0049	EA	208 Volt, 50 KW Photovoltaic Inverter (Solectria PVI)	50,206.60	695.42
26 31 00 00-0050	EA	480 Volt, 50 KW Photovoltaic Inverter (Solectria PVI)	47,857.18	695.42
26 31 00 00-0051	EA	208 Volt, 60 KW Photovoltaic Inverter (Solectria PVI)	54,905.44	695.42
26 31 00 00-0052	EA	480 Volt, 60 KW Photovoltaic Inverter (Solectria PVI)	53,600.21	695.42
26 31 00 00-0053	EA	208 Volt, 75 KW Photovoltaic Inverter (Solectria PVI)	58,299.05	695.42
26 31 00 00-0054	EA	480 Volt, 75 KW Photovoltaic Inverter (Solectria PVI)	55,688.58	695.42
26 31 00 00-0055	EA	208 Volt, 85 KW Photovoltaic Inverter (Solectria PVI)	61,373.13	927.22
26 31 00 00-0056	EA	480 Volt, 85 KW Photovoltaic Inverter (Solectria PVI)	58,501.62	927.22
26 31 00 00-0057	EA	208 Volt, 100 KW Photovoltaic Inverter (Solectria PVI)	63,722.55	927.22
26 31 00 00-0058	EA	480 Volt, 100 KW Photovoltaic Inverter (Solectria PVI)	60,328.94	927.22
26 31 00 00-0059		**Xantrex Photovoltaic Inverters** *(26 31 00 00-0015)*		
26 31 00 00-0060	EA	0.6 KW Photovoltaic Inverter (Xantrex 806-1206)	666.62	28.98
26 31 00 00-0061	EA	1 KW Photovoltaic Inverter (Xantrex 806-1210)	727.07	28.98
26 31 00 00-0062	EA	2 KW Photovoltaic Inverter (Xantrex 806-1220)	1,171.37	28.98
26 31 00 00-0063		**Photovoltaic DC-DC Converters** *(26 31)*		
26 31 00 00-0064	EA	15 Amperes, 20 To 35 Volt Input, 13.8 Volt Output DC Voltage Converter (Samlex SDC-20) Note: Hazardous locations.	387.45	43.46
26 31 00 00-0065	EA	20 Amperes, 20 To 35 Volt Input, 13.8 Volt Output DC Voltage Converter (Samlex SDC-23)	255.97	43.46
26 31 00 00-0066	EA	60 Amperes, 20 To 35 Volt Input, 13.8 Volt Output DC Voltage Converter (Samlex SDC-60)	725.53	43.46

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 31 00 00-0067		**Photovoltaic Combiner Boxes** *(26 31)*		
26 31 00 00-0068		**Midnight Solar Photovoltaic Combiner Boxes** *(26 31 00 00-0067)*		
26 31 00 00-0069	EA	3 - 150 Volt DC Breaker Or 3 - 600 Volt DC Fuse Holder, NEMA 3R, Aluminum Photovoltaic Combiner Box (Midnite Solar MNPV3)	453.50	115.91
26 31 00 00-0070	EA	6 - 150 Volt DC Breaker Or 4 - 600 Volt DC Fuse Holder, NEMA 3R, Aluminum Photovoltaic Combiner Box (Midnite Solar MNPV6)	441.33	115.91
26 31 00 00-0071	EA	12 - 150 Volt DC Breaker Or 10 - 600 Volt DC Fuse Holder, NEMA 3R, Aluminum Photovoltaic Combiner Box (Midnite Solar MNPV12)	703.98	173.85
26 31 00 00-0072	EA	6 - 300 Volt DC Breaker, NEMA 3R, Aluminum Photovoltaic Combiner Box (Midnite Solar MNPV12-250)	708.24	173.85
26 31 00 00-0073	EA	16, 600 Volt DC Breakers, NEMA 3R, Aluminum Photovoltaic Combiner Box (Midnite Solar MNPV16)	1,103.19	173.85
26 31 00 00-0074		**SMA Photovoltaic Combiner Boxes** *(26 31 00 00-0067)*		
26 31 00 00-0075	EA	6 Input NEMA 3R, Steel Photovoltaic Combiner Box (SMA SBCB-6)	1,028.17	115.91
26 31 00 00-0076	EA	12 Input NEMA 3R, Steel Photovoltaic Combiner Box (SMA SCCB-12)	1,235.66	115.91
26 31 00 00-0077	EA	28 Input NEMA 3R, Steel Photovoltaic Combiner Box (SMA SCCB-28)	2,392.00	231.81
26 31 00 00-0078	EA	52 Input NEMA 3R, Steel Photovoltaic Combiner Box (SMA SCCB-52)	5,551.15	231.81
26 31 00 00-0079	EA	4 Input NEMA 3R, Steel Combination DC Disconnect And Photovoltaic Combiner Box (SMA Combi-Switch)	915.88	115.91
26 31 00 00-0080		**Photovoltaic Charge Controller** *(26 31)*		
26 31 00 00-0081	EA	35 Amperes, 12 Or 24 Volt, Charge Controller (Xantrex C-35)	307.62	43.46
26 31 00 00-0082	EA	40 Amperes, 12 Or 24 Volt, Charge Controller (Xantrex C-40)	413.27	43.46
26 31 00 00-0083	EA	60 Amperes, 12 Or 24 Volt, Charge Controller (Xantrex C-60)	483.71	43.46
26 31 00 00-0084	EA	Remote Digital Meter For Xantrex C-35, 40 And 60	368.67	43.46
26 31 00 00-0085	EA	MPPT Charge Controller (Xantrex XW SCC)	1,294.39	57.95
26 31 00 00-0086		**Photovoltaic Batteries** *(26 31)*		
26 31 00 00-0087		**Concorde Photovoltaic Batteries** *(26 31 00 00-0086)*		
26 31 00 00-0088	EA	34 Ampere Hours, 12 Volt, Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-340T)	288.09	17.39
26 31 00 00-0089	EA	45 Ampere Hours, 12 Volt, Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-420T)	363.01	23.18
26 31 00 00-0090	EA	49 Ampere Hours, 12 Volt, Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-490T)	393.72	23.18
26 31 00 00-0091	EA	56 Ampere Hours, 12 Volt, Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-560T)	449.52	34.77
26 31 00 00-0092	EA	69 Ampere Hours, 12 Volt, Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-690T)	512.85	34.77
26 31 00 00-0093	EA	89 Ampere Hours, 12 Volt, Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-890T)	608.88	40.56
26 31 00 00-0094	EA	104 Ampere Hours, 12 Volt, Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-1040T)	698.34	46.36
26 31 00 00-0095	EA	108 Ampere Hours, 12 Volt, Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-1080T)	690.13	46.36
26 31 00 00-0096	EA	210 Ampere Hours, 12 Volt, Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-2120T)	1,271.15	55.06
26 31 00 00-0097	EA	255 Ampere Hours, 12 Volt, Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-2580T)	1,471.17	57.95
26 31 00 00-0098		**Deka Photovoltaic Batteries** *(26 31 00 00-0086)*		
26 31 00 00-0099	EA	31 Amperes Hours Capacity At 20 Hour Lead Acid Battery (Deka BYDK8GU1)	299.87	29.03
26 31 00 00-0100	EA	50 Amperes Hours Capacity At 20 Hour Lead Acid Battery (Deka BYDK8G22NF)	414.92	29.03
26 31 00 00-0101	EA	74 Amperes Hours Capacity At 20 Hour Lead Acid Battery (Deka BYDK8G24)	614.48	29.03
26 31 00 00-0102	EA	86 Amperes Hours Capacity At 20 Hour Lead Acid Battery (Deka BYDK8G27)	703.69	29.03
26 31 00 00-0103	EA	98 Amperes Hours Capacity At 20 Hour Lead Acid Battery (Deka BYDK8G31)	706.04	29.03
26 31 00 00-0104	EA	183 Amperes Hours Capacity At 20 Hour Lead Acid Battery (Deka BYDK8G4D)	1,372.82	29.03
26 31 00 00-0105	EA	225 Amperes Hours Capacity At 20 Hour Lead Acid Battery (Deka BYDK8G8D)	1,588.82	29.03
26 31 00 00-0106		**Battery Enclosures** *(26 31 00 00-0086)*		
26 31 00 00-0107	EA	14" x 12" x 8" NEMA 3R Aluminum Photovoltaic Battery Enclosure (IronRidge 55-2501-010)	339.69	28.98
26 31 00 00-0108	EA	22" x 16" x 8" NEMA 3R Aluminum Photovoltaic Battery Enclosure (IronRidge BETS1GC)	1,685.08	29.03
26 31 00 00-0109	EA	37" x 16" x 8" NEMA 3R Aluminum Photovoltaic Battery Enclosure (IronRidge BETS2GCL)	1,584.12	29.03
26 31 00 00-0110	EA	37" x 16" x 14.5" NEMA 3R Aluminum Photovoltaic Battery Enclosure (IronRidge BETS4GC)	2,112.37	29.03
26 31 00 00-0111	EA	15" x 17.1" x 8.4" NEMA 3R Aluminum Photovoltaic Battery Enclosure (IronRidge BETSLCF1)	938.47	29.03
26 31 00 00-0112	EA	31" x 36" x 14" NEMA 3R Aluminum Photovoltaic Battery Enclosure (IronRidge BETSBR827BP)	2,213.33	29.03
26 31 00 00-0113		**Photovoltaic System Monitoring** *(26 31)*		
26 31 00 00-0114	EA	Solar Inverter Monitor (Xantrex 864-0203)	717.42	57.95
26 31 00 00-0115	EA	Photovoltaic System Monitoring, Remote Diagnosis, Data Storage Communication Hub (SMA Sunny WebBox)	1,500.09	28.98
26 31 00 00-0116	EA	Sun Radiation And Temperature Monitor (SMA Sunny SensorBox)	1,252.46	28.98
26 31 00 00-0117	EA	PT100 Ambient Temperature Sensor For Sunny SensorBox (SMA)	226.57	28.98
26 31 00 00-0118	EA	Wind Sensor Accessory For Sunny SensorBox (SMA)	562.65	57.95
26 31 00 00-0119	EA	Sunny Boy Control with RS485 (SMA)	1,475.43	28.98
26 31 00 00-0120	EA	RS 485 Module (SMA)	331.22	28.98
26 31 00 00-0121	EA	RS 232 Module (SMA)	339.69	28.98
26 31 00 00-0122	EA	Wireless Monitor with Bluetooth (SMA Sunny Beam)	636.43	
26 31 00 00-0123	EA	Bluetooth Piggy-Back Computer Card (SMA)	344.26	28.98
26 31 00 00-0124	EA	RS485-N Communication Computer Card (SMA)	341.89	28.98
26 31 00 00-0125	EA	Bluetooth Repeater (SMA)	650.68	28.98
26 31 00 00-0126	EA	Sunny Boy PC Service Cable (SMA)	310.13	8.69
26 31 00 00-0127	EA	Integrated Revenue Grade Meter, Option (PVPowered)	6,022.11	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 31 00 00-0128	EA	Data Monitoring Module (PVPowered PVM1010)	649.30	28.98
26 31 00 00-0129	EA	Wireless IG Personal Display (Fronius 4,240,108)	646.74	
26 31 00 00-0130	EA	DatCom Power Supply (Fronius 43,0001,2311)	211.85	
26 31 00 00-0131	EA	Wireless Card For IG Personal Display (Fronius 4,240,008,Z)	384.24	28.98
26 31 00 00-0132	EA	Retrofit Solar Inverter Interface And Power Supply Option Communication Card (Fronius 4,240,001,Z)	324.14	28.98
26 31 00 00-0133	EA	Datalogger Pro Box (Fronius 4,240,102)	1,291.21	28.98
26 31 00 00-0134	EA	Datalogger Easy Box (Fronius 4,240,103)	837.74	28.98
26 31 00 00-0135	EA	Datalogger Interface Box (Fronius 4,240,105)	1,458.55	28.98
26 31 00 00-0136	EA	Datalogger Web (Fronius 4,240,122)	2,510.81	28.98
26 31 00 00-0137	EA	Interface Box (Fronius 4,240,109)	670.03	28.98
26 31 00 00-0138	EA	Interface Card (Fronius 4,240,009,Z)	476.29	28.98
26 31 00 00-0139	EA	Interface Card Easy (Fronius 4,240,013,Z)	311.94	28.98
26 31 00 00-0140	EA	Sensor Box (Fronius 4,240,104)	1,348.82	28.98
26 31 00 00-0141	EA	Ambient Temperature Sensor (Fronius 43,0001,1188)	144.01	28.98
26 31 00 00-0142	EA	Irradiance Sensor (Fronius 43,0001,1188)	464.36	28.98
26 31 00 00-0143	EA	Module Temperature Sensor (Fronius 43,0001,1190)	517.88	28.98
26 31 00 00-0144	EA	Wind Speed Sensor (Fronius 42,0411,0027)	264.83	57.95

26 31 00 00-0145 Photovoltaic System Accessories *(26 31)*

26 31 00 00-0146	EA	Four Inverter Bypass Switch (OutBack AC-IOB-100Q)	987.48	57.95
26 31 00 00-0147	EA	Line Communication Filter (Enphase LCF)	2,154.66	115.91
26 31 00 00-0148	EA	15 Meter RS 485 Communication Cable (SMA)	165.30	8.69
26 31 00 00-0149	EA	15 Meter RS 232 Communication Cable (SMA)	249.82	8.69
26 31 00 00-0150	EA	24" #10 AWG Male Or Female Photovoltaic Multi-Contact Module Interconnect	37.53	2.87
26 31 00 00-0151	EA	36" #10 AWG Male Or Female Photovoltaic Multi-Contact Module Interconnect	40.37	2.87
26 31 00 00-0152	EA	48" #10 AWG Male Or Female Photovoltaic Multi-Contact Module Interconnect	41.97	2.87
26 31 00 00-0153	EA	72" #10 AWG Male Or Female Photovoltaic Multi-Contact Module Interconnect	46.41	2.87
26 31 00 00-0154	EA	120" #10 AWG Male Or Female Photovoltaic Multi-Contact Module Interconnect	53.06	2.87
26 31 00 00-0155	EA	240" #10 AWG Male Or Female Photovoltaic Multi-Contact Module Interconnect	83.95	5.73
26 31 00 00-0156	EA	360" #10 AWG Male Or Female Photovoltaic Multi-Contact Module Interconnect	104.61	5.73
26 31 00 00-0157	EA	420" #10 AWG Male Or Female Photovoltaic Multi-Contact Module Interconnect	137.01	8.61
26 31 00 00-0158	EA	36" #10 AWG Male And Female Photovoltaic Multi-Contact Module Interconnect	47.52	2.87
26 31 00 00-0159	EA	120" #10 AWG Male And Female Photovoltaic Multi-Contact Module Interconnect	66.38	2.87
26 31 00 00-0160	EA	240" #10 AWG Male And Female Photovoltaic Multi-Contact Module Interconnect	97.26	5.73
26 31 00 00-0161	EA	360" #10 AWG Male And Female Photovoltaic Multi-Contact Module Interconnect	130.54	5.73
26 31 00 00-0162	EA	600" #10 AWG Male And Female Photovoltaic Multi-Contact Module Interconnect	211.15	11.48
26 31 00 00-0163	EA	1200" #10 AWG Male And Female Photovoltaic Multi-Contact Module Interconnect	220.55	11.48
26 31 00 00-0164	EA	Lighting Kit, 9 Watt Fluorescent, 12 Volt, 4.5 Ampere Hours Battery Note: Tamper proof enclosure.	3,929.89	312.94

26 31 00 00-0165 Photovoltaic Mounting Systems *(26 31)*

26 31 00 00-0166	LF	Anodized Aluminum Photovoltaic Module Mounting Rail (UNIRAC SolarMount Standard)	13.08	2.90
26 31 00 00-0167	EA	Splice Bar For Photovoltaic Module Mounting Rail (UNIRAC 310229)	36.34	14.48
26 31 00 00-0168	EA	Splice Plate For Photovoltaic Module Mounting Rail (UNIRAC 310216)	46.80	14.48
26 31 00 00-0169	EA	8" x 3/8" Hanger Bolt (UNIRAC 310046) Note: Supports mounting rail above tile or metal roof.	25.07	5.79
26 31 00 00-0170	EA	Mounting Rail Grounding Clip (UNIRAC 980006) Note: One grounding clip for every two top mounting clamps (end clamps + mid clamps) in your installation. Only one of the two rails in each row requires grounding clips.	11.61	4.35
26 31 00 00-0171	EA	Mounting Rail Grounding Lugs (UNIRAC 980012) Note: Two grounding lugs for each rail splice and one additional lug for each rail.	25.55	5.79
26 31 00 00-0172	EA	Anodized Aluminum Photovoltaic Module Mounting End Clamp (UNIRAC 320002) Note: Four for each row of modules you plan to mount.	6.78	1.93
26 31 00 00-0173	EA	Anodized Aluminum Photovoltaic Module Mounting Mid Clamp (UNIRAC 320008) Note: For each row, take one less than the number of modules in the row and multiply that figure by 2.	7.12	1.93
26 31 00 00-0174	EA	Photovoltaic Module Mount L-Feet (UNIRAC 310065)	17.44	5.79
26 31 00 00-0175	EA	12" Leg Extension, Photovoltaic Module One Leg Tilt Kit (UNIRAC 310121) Note: Includes one square tube, one strut insert, two L-feet, and stainless steel hardware for use with mounting rail. Excludes standoffs.	104.95	28.98
26 31 00 00-0176	EA	30" Leg Extension, Photovoltaic Module One Leg Tilt Kit (UNIRAC 310122) Note: Includes one square tube, one strut insert, two L-feet, and stainless steel hardware for use with mounting rail. Excludes standoffs.	116.79	28.98
26 31 00 00-0177	EA	44" Leg Extension, Photovoltaic Module One Leg Tilt Kit (UNIRAC 310123) Note: Includes one square tube, one strut insert, two L-feet, and stainless steel hardware for use with mounting rail. Excludes standoffs.	126.32	28.98
26 31 00 00-0178	EA	12" Leg Extension, Photovoltaic Module Two Leg Tilt Kit (UNIRAC 310107) Note: Includes two square tubes, two strut inserts, and fasteners for use with mounting rail. Excludes standoffs and L-feet.	153.98	43.46
26 31 00 00-0179	EA	44" Leg Extension, Photovoltaic Module Two Leg Tilt Kit (UNIRAC 310108) Note: Includes two square tubes, two strut inserts, and fasteners for use with mounting rail. Excludes standoffs and L-feet.	189.48	43.46
26 31 00 00-0180	EA	72" Leg Extension, Photovoltaic Module Two Leg Tilt Kit (UNIRAC 310109) Note: Includes two square tubes, two strut inserts, and fasteners for use with mounting rail. Excludes standoffs and L-feet.	221.69	43.46
26 31 00 00-0181	EA	18" Leg Extension, Photovoltaic Module Four Leg Tilt Kit (UNIRAC 310111) Note: Includes four square tubes, four strut inserts, and fasteners for use with mounting rail. Excludes standoffs and L-feet.	242.13	57.95
26 31 00 00-0182	EA	64" Leg Extension, Photovoltaic Module Four Leg Tilt Kit (UNIRAC 310112) Note: Includes four square tubes, four strut inserts, and fasteners for use with mounting rail. Excludes standoffs and L-feet.	326.93	57.95

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 31 00 00-0183	EA	104" Leg Extension, Photovoltaic Module Four Leg Tilt Kit (UNIRAC 310110) Note: Includes four square tubes, four strut inserts, and fasteners for use with mounting rail. Excludes standoffs and L-feet.	458.50	86.93
26 31 00 00-0184	EA	Ballasted Photovoltaic Module Frame (UNIRAC 310351) Note: Excludes ballast.	223.67	
26 31 00 00-0185	EA	Ballasted Photovoltaic Module Frame With Module Mount (UNIRAC 310355) Note: Excludes ballast.	418.34	
26 31 00 00-0186	EA	3" High Galvanized Steel Photovoltaic Module Standoff (UNIRAC 310051)	81.32	28.98
26 31 00 00-0187	EA	4" High Galvanized Steel Photovoltaic Module Standoff (UNIRAC 310052)	82.40	28.98
26 31 00 00-0188	EA	6" High Galvanized Steel Photovoltaic Module Standoff (UNIRAC 310053)	83.40	28.98
26 31 00 00-0189	EA	7" High Galvanized Steel Photovoltaic Module Standoff (UNIRAC 310054)	85.89	28.98
26 31 00 00-0190	EA	3" High Aluminum Photovoltaic Module Standoff (UNIRAC 310553)	74.71	28.98
26 31 00 00-0191	EA	4" High Aluminum Photovoltaic Module Standoff (UNIRAC 310554)	75.97	28.98
26 31 00 00-0192	EA	6" High Aluminum Photovoltaic Module Standoff (UNIRAC 310555)	79.64	28.98
26 31 00 00-0193	EA	7" High Aluminum Photovoltaic Module Standoff (UNIRAC 310556)	78.60	28.98
26 31 00 00-0194	EA	3" Photovoltaic Module FastFoot Standoff Assembly (UNIRAC 310390)	158.58	43.46
26 31 00 00-0195	EA	4" Photovoltaic Module FastFoot Standoff Assembly (UNIRAC 310391)	159.34	43.46
26 31 00 00-0196	EA	7" Photovoltaic Module FastFoot Standoff Assembly (UNIRAC 310394)	161.58	43.46
26 31 00 00-0197	EA	Photovoltaic Module Rapidfoot Standoff Assembly (UNIRAC 310370)	159.24	43.46
26 31 00 00-0198	EA	Photovoltaic Module Standoff Flashing (UNIRAC 990103)	32.24	5.79
26 31 00 00-0199	EA	Photovoltaic Module Standoff Ethylene Propylene Diene Monomer (EPDM) Patch (UNIRAC 990161)	20.82	5.79
26 31 00 00-0200	EA	1/4" Photovoltaic Module Standing Seam Metal Roof Mounting Block (UNIRAC 004030M-0100)	40.00	8.69
26 31 00 00-0201	EA	3/8" Photovoltaic Module Standing Seam Metal Roof Mounting Block (UNIRAC 004031M-0100)	41.71	8.69
26 31 00 00-0202	EA	Photovoltaic Module Standing Seam Metal Roof Mounting Clamp (UNIRAC 004032M-0100) Note: Mid or end clamp.	11.75	1.93
26 31 00 00-0203	EA	Photovoltaic Module Tile Roof Mounting Hook (UNIRAC 905011C-0024)	54.21	5.79
26 31 00 00-0204	EA	Photovoltaic Module Wire Clip (UNIRAC 908002S-0100)	2.65	
26 31 00 00-0205	EA	Standing Seam Metal Roof Clamp, Brass, For Copper Roof	88.59	6.96
26 31 00 00-0206	EA	1 Module Top of Pole Mount	214.00	1.73
26 31 00 00-0207	EA	2 Module Top of Pole Mount	324.92	26.08
26 31 00 00-0208	EA	4 Module Top of Pole Mount	471.05	26.08
26 31 00 00-0209	EA	1 Module Side of Pole Mount	167.20	11.59
26 31 00 00-0210	EA	2 Module Side of Pole Mount	404.70	31.87
26 31 00 00-0211	EA	2 Module Rack, For Ground Or Wall Mounting	289.90	23.18
26 31 00 00-0212	EA	4 Module Rack, For Ground Or Wall Mounting	449.46	34.77
26 31 00 00-0213	EA	Stainless Steel Module Mounting Kit, 1 Per Module	29.82	2.90

26 32 Packaged Generator Assemblies *(26 30)*

26 32 13 Engine Generators *(26 32)*

See CSI section 23 13 23 13-0001 for fuel storage tanks.

26 32 13 13 Diesel-Engine-Driven Generator Sets *(26 32 13)*

26 32 13 13-0001 Diesel Generator Sets (Cummins) *(26 32 13 13)*

Note: 3 Phase, 4-Wire 480/277 or 208/120 Volt complete with radiator, fuel pump, battery charger, silencer, exhaust flex, indicating and operating controls, electronic governor. Pricing based on installation above grade on concrete pad without enclosure. Includes manufacturer's representative at startup. Excludes fuel, fuel tank, enclosure, active diesel particulate filter, utility piping, wiring, automatic transfer switch, loadbank testing and concrete pad. See CSI section 23 13 23 13-0001 for fuel day tank, 26 36 23 00-0000 for automatic transfer switch.

26 32 13 13-0002	EA	20 KW, 3 Phase, Standby Diesel Generator Set (Cummins)	33,536.16	1,015.71
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*4,979.88*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*11,718.62*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*15,624.82*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*12,679.64*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*18,392.32*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*24,523.10*	
		For Single Phase, Add	*1,266.91*	
26 32 13 13-0003	EA	25 KW, 3 Phase, Standby Diesel Generator Set (Cummins)	35,272.10	1,072.83
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*4,979.88*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*11,718.62*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*15,624.82*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*12,679.64*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*18,392.32*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*24,523.10*	
26 32 13 13-0004	EA	30 KW, 3 Phase, Standby Diesel Generator Set (Cummins)	37,026.19	1,133.15
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*4,979.88*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*11,718.62*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*15,624.82*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*12,679.64*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*18,392.32*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*24,523.10*	
		For Single Phase, Add	*1,397.02*	
26 32 13 13-0005	EA	35 KW, 3 Phase, Standby Diesel Generator Set (Cummins)	37,767.10	1,250.59
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*4,979.88*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*11,718.62*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*15,624.82*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*12,679.64*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*18,392.32*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*24,523.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 32 13 13-0006	EA	40 KW, 3 Phase, Standby Diesel Generator Set (Cummins)	38,520.83	1,371.20
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*4,979.88*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*11,718.62*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*15,624.82*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*12,679.64*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*18,392.32*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*24,523.10*	
26 32 13 13-0007	EA	50 KW, 3 Phase, Standby Diesel Generator Set (Cummins)	45,229.68	1,574.34
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*4,979.88*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*11,718.62*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*15,624.82*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*12,679.64*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*18,392.32*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*24,523.10*	
26 32 13 13-0008	EA	60 KW, 3 Phase, Standby Diesel Generator Set (Cummins)	48,742.07	1,809.22
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*4,979.88*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*11,718.62*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*15,624.82*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*12,679.64*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*18,392.32*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*24,523.10*	
26 32 13 13-0009	EA	80 KW, 3 Phase, Standby Diesel Generator Set (Cummins)	57,285.13	2,120.29
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*4,979.88*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*11,718.62*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*15,624.82*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*12,679.64*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*18,392.32*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*24,523.10*	
26 32 13 13-0010	EA	100 KW, 3 Phase, Standby Diesel Generator Set (Cummins)	61,578.49	2,463.08
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*7,553.42*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*17,916.75*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*23,889.00*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*16,268.20*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*19,557.74*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*26,076.98*	
26 32 13 13-0011	EA	125 KW, 3 Phase, Standby Diesel Generator Set (Cummins)	62,946.06	2,920.15
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*7,553.42*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*17,916.75*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*23,889.00*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*16,268.20*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*19,557.74*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*26,076.98*	
26 32 13 13-0012	EA	150 KW, 3 Phase, Standby Diesel Generator Set (Cummins)	69,591.42	3,218.51
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*7,553.42*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*17,916.75*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*23,889.00*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*16,268.20*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*19,557.74*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*26,076.98*	
26 32 13 13-0013	EA	175 KW, 3 Phase, Standby Diesel Generator Set (Cummins)	73,130.46	3,593.05
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*7,553.42*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*17,916.75*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*23,889.00*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*16,268.20*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*19,557.74*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*26,076.98*	
26 32 13 13-0014	EA	200 KW, 3 Phase, Standby Diesel Generator Set (Cummins)	77,743.67	3,935.85
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*7,553.42*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*17,916.75*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*23,889.00*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*16,268.20*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*19,557.74*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*26,076.98*	
26 32 13 13-0015	EA	230 KW, 3 Phase, Standby Diesel Generator Set (Cummins)	83,861.82	4,158.04
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*7,553.42*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*17,916.75*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*23,889.00*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*16,268.20*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*19,557.74*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*26,076.98*	
26 32 13 13-0016	EA	250 KW, 3 Phase, Standby Diesel Generator Set (Cummins)	87,427.76	4,329.44
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*48,985.80*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*54,241.50*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*72,322.00*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*59,412.42*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*66,303.29*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*88,404.38*	
26 32 13 13-0017	EA	275 KW, 3 Phase, Standby Diesel Generator Set (Cummins)	95,184.23	4,564.32
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*48,985.80*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*54,241.50*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*72,322.00*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*59,412.42*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*66,303.29*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*88,404.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 32 13 13-0018	EA	300 KW, 3 Phase, Standby Diesel Generator Set (Cummins)	97,237.09	4,767.46
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*48,985.80*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*54,241.50*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*72,322.00*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*59,412.42*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*66,303.29*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*88,404.38*	
26 32 13 13-0019	EA	350 KW, 3 Phase, Standby Diesel Generator Set (Cummins)	109,693.96	5,332.45
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*48,985.80*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*54,241.50*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*72,322.00*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*59,412.42*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*66,303.29*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*88,404.38*	
26 32 13 13-0020	EA	400 KW, 3 Phase, Standby Diesel Generator Set (Cummins)	118,123.45	5,840.30
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*48,985.80*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*54,241.50*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*72,322.00*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*59,412.42*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*66,303.29*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*88,404.38*	
26 32 13 13-0021	EA	450 KW, 3 Phase, Standby Diesel Generator Set (Cummins)	133,463.90	6,291.02
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*48,985.80*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*54,241.50*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*72,322.00*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*59,412.42*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*66,303.29*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*88,404.38*	
26 32 13 13-0022	EA	500 KW, 3 Phase, Standby Diesel Generator Set (Cummins)	140,399.98	6,703.65
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*48,985.80*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*54,241.50*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*72,322.00*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*59,412.42*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*66,303.29*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*88,404.38*	
26 32 13 13-0023	EA	600 KW, 3 Phase, Standby Diesel Generator Set (Cummins)	204,460.16	7,382.90
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*100,069.00*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*120,506.46*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*160,675.28*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*117,700.64*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*140,388.21*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*187,184.28*	
26 32 13 13-0024	EA	750 KW, 3 Phase, Standby Diesel Generator Set (Cummins)	234,206.28	8,119.29
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*100,069.00*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*120,506.46*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*160,675.28*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*117,700.64*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*140,388.21*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*187,184.28*	
26 32 13 13-0025	EA	800 KW, 3 Phase, Standby Diesel Generator Set (Cummins)	244,597.75	8,297.03
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*100,069.00*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*120,506.46*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*160,675.28*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*117,700.64*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*140,388.21*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*187,184.28*	
26 32 13 13-0026	EA	900 KW, 3 Phase, Standby Diesel Generator Set (Cummins)	298,543.39	8,944.55
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*100,069.00*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*120,506.46*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*160,675.28*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*117,700.64*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*140,388.21*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*187,184.28*	
26 32 13 13-0027	EA	1,000 KW, 3 Phase, Standby Diesel Generator Set (Cummins)	333,455.78	9,522.23
		For Weather Resistant Steel Diesel Generator Enclosure, Add	*100,069.00*	
		For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	*120,506.46*	
		For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	*160,675.28*	
		For Weather Resistant Aluminum Diesel Generator Enclosure, Add	*117,700.64*	
		For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	*140,388.21*	
		For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	*187,184.28*	

26 32 13 19 Natural Gas-Engine-Driven Generator Sets *(26 32 13)*

26 32 13 19-0001 Natural Gas Or Propane Generator Sets (Cummins) *(26 32 13 19)*

Note: 3 Phase, 4-Wire 480/277 or 208/120 Volt complete with radiator, fuel pump, battery charger, silencer, exhaust flex, indicating and operating controls, electronic governor. Pricing based on installation above grade on concrete pad without enclosure. Includes manufacturer's representative at startup. Excludes fuel, fuel tank, enclosure, utility piping, wiring, automatic transfer switch, loadbank testing and concrete pad. See CSI section 26 36 23 00-0000 for automatic transfer switches.

26 32 13 19-0002	EA	20 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGMA)	14,932.91	850.65
		For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add	*4,529.28*	
		For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add	*11,718.62*	
		For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add	*15,624.82*	
		For Weather Resistant Aluminum Natural Gas Or Propane Generator Enclosure, Add	*4,905.54*	
		For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	*8,138.76*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 32 13 19-0003	EA	25 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGMB)	16,876.49	1,015.71
		For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add	*4,529.28*	
		For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add	*11,718.62*	
		For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add	*15,624.82*	
		For Weather Resistant Aluminum Natural Gas Or Propane Generator Enclosure, Add	*4,905.54*	
		For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	*8,138.76*	
26 32 13 19-0004	EA	29 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGMC)	19,497.62	1,129.97
		For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add	*4,529.28*	
		For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add	*11,718.62*	
		For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add	*15,624.82*	
		For Weather Resistant Aluminum Natural Gas Or Propane Generator Enclosure, Add	*4,905.54*	
		For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	*8,138.76*	
26 32 13 19-0005	EA	35 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGPA)	22,133.15	1,250.59
		For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add	*4,529.28*	
		For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add	*11,718.62*	
		For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add	*15,624.82*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*13,875.82*	
		For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	*23,289.74*	
26 32 13 19-0006	EA	40 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGPB)	24,853.36	1,371.20
		For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add	*4,529.28*	
		For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add	*11,718.62*	
		For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add	*15,624.82*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*13,875.82*	
		For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	*23,289.74*	
26 32 13 19-0007	EA	45 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGPC)	26,943.52	1,479.12
		For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add	*4,529.28*	
		For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add	*11,718.62*	
		For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add	*15,624.82*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*13,875.82*	
		For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	*23,289.74*	
26 32 13 19-0008	EA	60 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGHE)	29,478.07	1,809.22
		For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add	*4,529.28*	
		For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add	*11,718.62*	
		For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add	*15,624.82*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*13,875.82*	
		For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	*23,289.74*	
26 32 13 19-0009	EA	70 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGHF)	31,633.79	2,025.06
		For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add	*4,529.28*	
		For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add	*11,718.62*	
		For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add	*15,624.82*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*13,875.82*	
		For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	*23,289.74*	
26 32 13 19-0010	EA	85 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGHG)	41,573.29	2,164.72
		For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add	*8,254.88*	
		For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add	*17,916.75*	
		For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add	*23,889.00*	
		For Weather Resistant Aluminum Natural Gas Or Propane Generator Enclosure, Add	*16,268.20*	
		For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	*23,289.74*	
26 32 13 19-0011	EA	100 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGHH)	50,121.01	2,437.69
		For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add	*8,254.88*	
		For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add	*17,916.75*	
		For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add	*23,889.00*	
		For Weather Resistant Aluminum Natural Gas Or Propane Generator Enclosure, Add	*16,268.20*	
		For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	*23,289.74*	
26 32 13 19-0012	EA	125 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGLA)	57,388.88	2,920.15
		For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add	*8,254.88*	
		For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add	*17,916.75*	
		For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add	*23,889.00*	
		For Weather Resistant Aluminum Natural Gas Or Propane Generator Enclosure, Add	*16,268.20*	
		For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	*23,289.74*	
26 32 13 19-0013	EA	150 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGLB)	68,241.78	3,218.51
		For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add	*8,254.88*	
		For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add	*17,916.75*	
		For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add	*23,889.00*	
		For Weather Resistant Aluminum Natural Gas Or Propane Generator Enclosure, Add	*16,268.20*	
		For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	*23,289.74*	
26 32 13 19-0014	EA	175 KW Natural Gas Generator Set, 3 Phase (Cummins GFBA)	110,526.45	8,560.99
		For Weather Resistant Steel Natural Gas Generator Enclosure, Add	*44,052.38*	
		For Quietsite Level 1 Steel Natural Gas Generator Enclosure, Add	*48,764.56*	
		For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add	*65,019.42*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*48,165.88*	
		For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	*72,277.86*	
26 32 13 19-0015	EA	205 KW Natural Gas Generator Set, 3 Phase (Cummins GFBB)	125,498.67	3,866.03
		For Weather Resistant Steel Natural Gas Generator Enclosure, Add	*44,052.38*	
		For Quietsite Level 1 Steel Natural Gas Generator Enclosure, Add	*48,764.56*	
		For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add	*65,019.42*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*48,165.88*	
		For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	*72,277.86*	
26 32 13 19-0016	EA	250 KW Natural Gas Generator Set, 3 Phase (Cummins GFBC)	134,953.58	4,329.44
		For Weather Resistant Steel Natural Gas Generator Enclosure, Add	*44,052.38*	
		For Quietsite Level 1 Steel Natural Gas Generator Enclosure, Add	*48,764.56*	
		For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add	*65,019.42*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*48,165.88*	
		For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	*72,277.86*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 32 13 19-0017	EA	300 KW Natural Gas Generator Set, 3 Phase (Cummins GFEA)	174,602.01	4,767.46
		For Weather Resistant Steel Natural Gas Generator Enclosure, Add	*44,052.38*	
		For Quietsite Level 1 Steel Natural Gas Generator Enclosure, Add	*48,764.56*	
		For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add	*65,019.42*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*48,165.88*	
		For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	*72,277.86*	
26 32 13 19-0018	EA	350 KW Natural Gas Generator Set, 3 Phase (Cummins GFEB)	187,412.68	5,332.45
		For Weather Resistant Steel Natural Gas Generator Enclosure, Add	*44,052.38*	
		For Quietsite Level 1 Steel Natural Gas Generator Enclosure, Add	*48,764.56*	
		For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add	*65,019.42*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*48,165.88*	
		For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	*72,277.86*	
26 32 13 19-0019	EA	450 KW Natural Gas Generator Set, 3 Phase (Cummins GFGA)	263,401.30	6,291.02
		For Weather Resistant Steel Natural Gas Generator Enclosure, Add	*96,190.08*	
		For Quietsite Level 1 Steel Natural Gas Generator Enclosure, Add	*102,201.24*	
		For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add	*136,268.32*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*109,255.28*	
		For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	*154,415.60*	
26 32 13 19-0020	EA	500 KW Natural Gas Generator Set, 3 Phase (Cummins GFJB)	336,912.34	6,703.65
		For Weather Resistant Steel Natural Gas Generator Enclosure, Add	*96,190.08*	
		For Quietsite Level 1 Steel Natural Gas Generator Enclosure, Add	*102,201.24*	
		For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add	*136,268.32*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*109,255.28*	
		For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	*154,415.60*	
26 32 13 19-0021	EA	550 KW Natural Gas Generator Set, 3 Phase (Cummins GFJC)	377,035.69	7,065.49
		For Weather Resistant Steel Natural Gas Generator Enclosure, Add	*96,190.08*	
		For Quietsite Level 1 Steel Natural Gas Generator Enclosure, Add	*102,201.24*	
		For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add	*136,268.32*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*109,255.28*	
		For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	*154,415.60*	
26 32 13 19-0022	EA	600 KW Natural Gas Generator Set, 3 Phase (Cummins GFLA)	429,511.55	7,382.90
		For Weather Resistant Steel Natural Gas Generator Enclosure, Add	*96,190.08*	
		For Quietsite Level 1 Steel Natural Gas Generator Enclosure, Add	*102,201.24*	
		For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add	*136,268.32*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*109,255.28*	
		For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	*154,415.60*	
26 32 13 19-0023	EA	650 KW Natural Gas Generator Set, 3 Phase (Cummins GFLB)	449,109.30	7,662.22
		For Weather Resistant Steel Natural Gas Generator Enclosure, Add	*96,190.08*	
		For Quietsite Level 1 Steel Natural Gas Generator Enclosure, Add	*102,201.24*	
		For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add	*136,268.32*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*109,255.28*	
		For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	*154,415.60*	
26 32 13 19-0024	EA	725 KW Natural Gas Generator Set, 3 Phase (Cummins GFLC)	475,034.98	8,189.11
		For Weather Resistant Steel Natural Gas Generator Enclosure, Add	*96,190.08*	
		For Quietsite Level 1 Steel Natural Gas Generator Enclosure, Add	*102,201.24*	
		For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add	*136,268.32*	
		For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	*109,255.28*	
		For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	*154,415.60*	
26 32 13 19-0025		Small Natural Gas Or Propane Air Cooled Generator Sets *(26 32 13 19)*		
26 32 13 19-0026	EA	7.5 KW Natural Gas Or Propane Air Cooled Generator Set Note: Includes weatherproof composite enclosure and 100 A automatic transfer switch.	5,041.24	534.86
26 32 13 19-0027	EA	10 KW Natural Gas Or Propane Air Cooled Generator Set Note: Includes weatherproof composite enclosure and 200 A automatic transfer switch.	6,371.06	594.29
26 32 13 19-0028	EA	14 KW Natural Gas Or Propane Air Cooled Generator Set Note: Includes weatherproof composite enclosure and 200 A automatic transfer switch.	7,353.67	653.71
26 32 29		**Rotary Converters** *(26 32)*		
26 32 29 00-0001		60 Hz AC Input 230 Or 460 Volt, 125 Volt DC Output *(26 32 29)*		
26 32 29 00-0002	EA	3 KW, 24 Amperes, 125 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	9,804.54	231.81
26 32 29 00-0003	EA	5 KW, 40 Amperes, 125 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	11,953.20	231.81
26 32 29 00-0004	EA	7.5 KW, 60 Amperes, 125 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	15,850.46	231.81
26 32 29 00-0005	EA	10 KW, 80 Amperes, 125 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	15,975.53	231.81
26 32 29 00-0006	EA	15 KW, 120 Amperes, 125 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	17,726.93	289.76
26 32 29 00-0007	EA	20 KW, 160 Amperes, 125 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	19,203.25	289.76
26 32 29 00-0008	EA	25 KW, 200 Amperes, 125 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	20,111.11	289.76
26 32 29 00-0009	EA	40 KW, 320 Amperes, 125 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	24,482.95	382.48
26 32 29 00-0010	EA	50 KW, 400 Amperes, 125 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	27,219.92	382.48
26 32 29 00-0011		60 Hz AC Input, 230 Or 460 Volt, 250 Volts DC Output *(26 32 29)*		
26 32 29 00-0012	EA	3 KW, 12 Amperes, 250 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	11,360.06	231.81
26 32 29 00-0013	EA	5 KW, 20 Amperes, 250 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	13,555.85	231.81
26 32 29 00-0014	EA	7.5 KW, 30 Amperes, 250 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	15,512.02	231.81
26 32 29 00-0015	EA	10 KW, 40 Amperes, 250 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	15,943.79	231.81
26 32 29 00-0016	EA	15 KW, 60 Amperes, 250 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	18,053.59	289.76
26 32 29 00-0017	EA	20 KW, 80 Amperes, 250 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	19,860.81	289.76
26 32 29 00-0018	EA	25 KW, 100 Amperes, 250 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	20,518.37	289.76
26 32 29 00-0019	EA	40 KW, 160 Amperes, 250 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	24,385.38	382.48
26 32 29 00-0020	EA	50 KW, 200 Amperes, 250 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	25,874.43	382.48

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 32 29 00-0021		460 Volt 3 Phase AC Motor Drive 250 Volt DC *(26 32 29)*		
26 32 29 00-0022	EA	33 KW, 460 Volt AC Drive Motor To 250 Volt DC, AC To DC Electrical Conversion	27,822.45	4,443.71
26 32 29 00-0023	EA	40 KW, 460 Volt AC Drive Motor To 250 Volt DC, AC To DC Electrical Conversion	30,771.20	4,443.71
26 32 29 00-0024	EA	50 KW, 460 Volt AC Drive Motor To 250 Volt DC, AC To DC Electrical Conversion	34,955.21	6,348.16
26 32 29 00-0025	EA	65 KW, 460 Volt AC Drive Motor To 250 Volt DC, AC To DC Electrical Conversion	40,885.93	6,348.16
26 32 29 00-0026	EA	85 KW, 460 Volt AC Drive Motor To 250 Volt DC, AC To DC Electrical Conversion	46,485.30	6,348.16
26 32 29 00-0027	EA	100 KW, 460 Volt AC Drive Motor To 250 Volt DC, AC To DC Electrical Conversion	54,447.57	9,522.23
26 32 29 00-0028	EA	125 KW, 460 Volt AC Drive Motor To 250 Volt DC, AC To DC Electrical Conversion	65,840.42	9,522.23
26 32 29 00-0029		4,160 Volt 3 Phase AC Motor Drive 250 Or 500 Volt DC *(26 32 29)*		
26 32 29 00-0030	EA	170 KW, 4,160 Volt AC Drive Motor - 250 Volt DC, AC To DC Electrical Conversion	97,031.49	12,696.30
26 32 29 00-0031	EA	200 KW, 4,160 Volt AC Drive Motor - 250 Volt DC, AC To DC Electrical Conversion	105,696.20	12,696.30
26 32 29 00-0032	EA	240 KW, 4,160 Volt AC Drive Motor - 250 Volt DC, AC To DC Electrical Conversion	127,203.30	16,505.19
26 32 29 00-0033	EA	320 KW, 4,160 Volt AC Drive Motor - 250 Volt DC, AC To DC Electrical Conversion	144,537.97	20,060.15
26 32 29 00-0034	EA	400 KW, 4,160 Volt AC Drive Motor - 250 Volt DC, AC To DC Electrical Conversion	171,398.53	20,060.15
26 32 29 00-0035	EA	560 KW, 4,160 Volt AC Drive Motor - 250 Volt DC, AC To DC Electrical Conversion	243,309.12	29,963.27
26 32 29 00-0036	EA	640 KW, 4,160 Volt AC Drive Motor - 250 Volt DC, AC To DC Electrical Conversion	251,414.09	29,963.27
26 32 29 00-0037	EA	800 KW, 4,160 Volt AC Drive Motor - 250 Volt DC, AC To DC Electrical Conversion	289,727.14	34,914.83

26 33 Battery Equipment *(26 30)*

26 33 13 Batteries *(26 33)*

26 33 13 00-0001		Standby Batteries *(26 33 13)*		
26 33 13 00-0002	EA	12 Volt, 100 Ampere Hours To 10.5 Volt Capacity, 6-Cell, Valve Regulated Lead-Calcium, Standby Battery	1,200.84	29.03
26 33 13 00-0003	EA	12 Volt, 100 Ampere Hours To 10.5 Volt Capacity, 6-Cell, Valve Regulated Lead-Calcium, Standby Battery With Steel Jacket	1,297.69	29.03
26 33 13 00-0004	EA	725CCA, Group 31, 12 Volt Lead Calcium Standby Battery	393.83	29.03
26 33 13 00-0005	EA	810CCA, Group 24, 12 Volt Lead Calcium Standby Battery	356.90	29.03
26 33 13 00-0006	EA	1080CCA, Group 4D, 12 Volt Lead Calcium Standby Battery	620.22	29.03
26 33 13 00-0007	EA	1400CCA, Group 8D, 12 Volt Lead Calcium Standby Battery	722.26	29.03

26 33 43 Battery Chargers *(26 33)*

26 33 43 00-0001		Solid State Chargers, Single Phase *(26 33 43)* Note: Includes wall bracket, 10' of DC charging cable and standard connector, 208/240/480 V.		
26 33 43 00-0002	EA	Solid State Battery Charger, 6 Cell Single Phase With Wall Bracket, 208/240/480 Volt	3,331.37	661.80
26 33 43 00-0003	EA	Solid State Battery Charger, 9 Cell Single Phase With Wall Bracket, 208/240/480 Volt	3,899.18	661.80
26 33 43 00-0004	EA	Solid State Battery Charger, 12 Cell Single Phase With Wall Bracket, 208/240/480 Volt	4,294.14	661.80
26 33 43 00-0005	EA	Solid State Battery Charger, 18 Cell Single Phase With Wall Bracket, 208/240/480 Volt	4,538.31	783.57

26 33 53 Static Uninterruptible Power Supply *(26 33)*

26 33 53 00-0001		Single Phase, Uninterruptible Power Supply Systems (UPS) *(26 33 53)*		
26 33 53 00-0002		Single Phase, Uninterruptible Power Supply Systems (UPS) *(26 33 53 00-0001)*		
26 33 53 00-0003		120 Volt AC Output, 120 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) *(26 33 53 00-0002)* Note: Rack mount or tower configuration. Includes 40 or 70 Hertz automatic frequency detection, internal automatic and manual bypass switch and self diagnostics.		
26 33 53 00-0004	EA	0.5 kVA, 450 Watt, 120 Volt AC Output, 120 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-500RT120) Note: Includes 12 minutes of battery backup at full load.	1,128.33	114.75
26 33 53 00-0005	EA	0.7 kVA, 630 Watt, 120 Volt AC Output, 120 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-700RT120) Note: Includes 6 minutes of battery backup at full load.	1,348.06	133.87
26 33 53 00-0006	EA	1 kVA, 900 Watt, 120 Volt AC Output, 120 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-1000RT120) Note: Includes 5 minutes of battery backup at full load.	1,662.59	152.99
26 33 53 00-0007	EA	1.5 KVA, 1,350 Watt, 120 Volt AC Output, 120 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-1500RT120) Note: Includes 5 minutes of battery backup at full load.	2,032.25	172.12
26 33 53 00-0008	EA	2 KVA, 1,800 Watt, 120 Volt AC Output, 120 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-2000RT120) Note: Includes 4 minutes of battery backup at full load.	2,610.23	191.24
26 33 53 00-0009	EA	3 KVA, 2,700 Watt, 120 Volt AC Output, 120 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-3000RT120) Note: Includes 4 minutes of battery backup at full load.	4,210.46	229.49
26 33 53 00-0010		208 Volt AC Output, 208 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) *(26 33 53 00-0002)* Note: Rack mount or tower configuration. Includes 40 or 70 Hertz automatic frequency detection, internal automatic and manual bypass switch and self diagnostics.		
26 33 53 00-0011	EA	3 KVA, 2,700 Watt, 208 Volt AC Output, 208 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-3000RT208) Note: Includes 4 minutes of battery backup at full load.	4,132.59	229.49

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 33 53 00-0012		120/208 Volt AC Output, 120/208 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) *(26 33 53 00-0002)* Note: Rack mount or tower configuration. Includes 50 or 60 Hertz automatic frequency detection, internal automatic and manual bypass switch and self diagnostics.		
26 33 53 00-0013	EA	5 KVA, 4,000 Watt, 120/208 Volt AC Output, 120/208 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-5000RT208) Note: Includes 5 minutes of battery backup at full load.	6,378.93	305.99
26 33 53 00-0014	EA	6 KVA, 4,800 Watt, 120/208 Volt AC Output, 120/208 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-6000RT208) Note: Includes 4 minutes of battery backup at full load.	6,975.05	344.24
26 33 53 00-0015	EA	8 KVA, 7,200 Watt, 120/208 Volt AC Output, 120/208 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-8000RT208) Note: Includes 7 minutes of battery backup at full load.	10,437.53	420.73
26 33 53 00-0016	EA	10 KVA, 9,000 Watt, 120/208 Volt AC Output, 120/208 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-10000RT208) Note: Includes 4-1/2 minutes of battery backup at full load.	12,000.13	458.98
26 33 53 00-0017		230 Volt AC Output, 230 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) *(26 33 53 00-0002)* Note: Rack mount or tower configuration. Includes 40 or 70 Hertz automatic frequency detection, internal automatic and manual bypass switch and self diagnostics.		
26 33 53 00-0018	EA	0.7 KVA, 630 Watt, 230 Volt AC Output, 230 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-700RT230) Note: Includes 11 minutes of battery backup at full load.	1,348.06	133.87
26 33 53 00-0019	EA	1 KVA, 900 Watt, 230 Volt AC Output, 230 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-1000RT230) Note: Includes 6 minutes of battery backup at full load.	1,662.59	152.99
26 33 53 00-0020	EA	1.5 KVA, 1,350 Watt, 230 Volt AC Output, 230 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-1500RT230) Note: Includes 4 minutes of battery backup at full load.	2,055.25	172.12
26 33 53 00-0021	EA	2 KVA, 1,800 Watt, 230 Volt AC Output, 230 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-2000RT230) Note: Includes 4 minutes of battery backup at full load.	2,615.78	191.24
26 33 53 00-0022	EA	3 KVA, 2,700 Watt, 230 Volt AC Output, 230 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-3000RT230) Note: Includes 4 minutes of battery backup at full load.	4,227.74	229.49
26 33 53 00-0023	EA	5 KVA, 4,000 Watt, 230 Volt AC Output, 230 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-5000RT230) Note: Includes 9 minutes of battery backup at full load.	6,118.88	305.99
26 33 53 00-0024	EA	6 KVA, 4,800 Watt, 230 Volt AC Output, 230 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-6000RT230) Note: Includes 6 minutes of battery backup at full load.	7,515.71	344.24
26 33 53 00-0025	EA	10 KVA, 9,000 Watt, 230 Volt AC Output, 230 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-10000RT230) Note: Includes 3 minutes of battery backup at full load.	11,628.38	458.98

26 35 Power Filters and Conditioners *(26 30)*

26 35 33 Power Factor Correction Equipment *(26 35)*

26 35 33 16 Low-Voltage Power Factor Correction Equipment *(26 35 33)*

26 35 33 16-0001		Power Factor Correction Capacitors *(26 35 33 16)*	
26 35 33 16-0002	EA	Power Factor Correction Capacitors, 2.0 KVAC	911.11
26 35 33 16-0003	EA	Power Factor Correction Capacitors, 3.0 KVAC	1,009.07
26 35 33 16-0004	EA	Power Factor Correction Capacitors, 4.0 KVAC	1,107.04
26 35 33 16-0005	EA	Power Factor Correction Capacitors, 5.0 KVAC	1,201.09
26 35 33 16-0006	EA	Power Factor Correction Capacitors, 7.5 KVAC	1,475.40
26 35 33 16-0007	EA	Power Factor Correction Capacitors, 10.0 KVAC	1,802.62
26 35 33 16-0008	EA	Power Factor Correction Capacitors, 15.0 KVAC	2,784.26
26 35 33 16-0009	EA	Power Factor Correction Capacitors, 20.0 KVAC	3,381.87
26 35 33 16-0010	EA	Power Factor Correction Capacitors, 25.0 KVAC	4,369.39
26 35 33 16-0011	EA	Power Factor Correction Capacitors, 30.0 KVAC	4,968.95
26 35 33 16-0012	EA	Power Factor Correction Capacitors, 50.0 KVAC	8,719.18
26 35 33 16-0013	EA	Power Factor Correction Capacitors, 75.0 KVAC	13,110.12
26 35 33 16-0014	EA	Power Factor Correction Capacitors, 100.0 KVAC	17,481.47
26 35 33 16-0015	EA	Power Factor Correction Capacitors, Fuse Kit	811.18

26 35 53 Voltage Regulators *(26 35)*

26 35 53 00-0001		Voltage Regulators, 480/277 Or 208/120 Volt, 3 Phase *(26 35 53)* Note: For diesel motor generator sets mounted in switchgear cabinet.		
26 35 53 00-0002	EA	50 KVA Volt Regulator For Diesel M-G 480/277 Or 208/120 Volt, 3 Phase In Switchgear	7,064.94	1,842.87
26 35 53 00-0003	EA	75 KVA Volt Regulator For Diesel M-G 480/277 Or 208/120 Volt, 3 Phase In Switchgear	8,023.94	2,318.07
26 35 53 00-0004	EA	100 KVA Volt Regulator For Diesel M-G 480/277 Or 208/120 Volt, 3 Phase In Switchgear	8,907.02	2,758.51

26 36 Transfer Switches *(26 30)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 36 13		**Manual Transfer Switches** *(26 36)*		
26 36 13 00-0001		Fused Manual Transfer Switches *(26 36 13)*		
26 36 13 00-0002	EA	30 Amperes, Manual Transfer Switch, Fused, 3 Pole, 480 Volt	1,341.67	202.83
26 36 13 00-0003	EA	60 Amperes, Manual Transfer Switch, Fused, 3 Pole, 480 Volt	1,561.73	251.97
26 36 13 00-0004		Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure *(26 36 13)*		
26 36 13 00-0005	EA	40 Amperes, Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT40)	3,911.04	297.14
		For NEMA 3R Enclosure, Add	*1,305.22*	
		For NEMA 12 Enclosure, Add	*1,228.43*	
26 36 13 00-0006	EA	70 Amperes, Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT70)	4,317.08	356.57
		For NEMA 3R Enclosure, Add	*1,305.22*	
		For NEMA 12 Enclosure, Add	*1,228.43*	
26 36 13 00-0007	EA	125 Amperes, Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT125)	4,893.46	416.00
		For NEMA 3R Enclosure, Add	*1,305.22*	
		For NEMA 12 Enclosure, Add	*1,228.43*	
26 36 13 00-0008	EA	150 Amperes, Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT150)	6,100.12	475.43
		For NEMA 3R Enclosure, Add	*1,535.55*	
		For NEMA 12 Enclosure, Add	*1,228.43*	
26 36 13 00-0009	EA	225 Amperes, Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT225)	7,582.13	534.86
		For NEMA 3R Enclosure, Add	*1,535.55*	
		For NEMA 12 Enclosure, Add	*1,228.43*	
26 36 13 00-0010	EA	260 Amperes, Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT260)	8,528.76	594.29
		For NEMA 3R Enclosure, Add	*1,535.55*	
		For NEMA 12 Enclosure, Add	*1,228.43*	
26 36 13 00-0011	EA	300 Amperes, Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT300)	9,490.89	653.71
		For NEMA 3R Enclosure, Add	*1,811.94*	
		For NEMA 12 Enclosure, Add	*1,535.55*	
26 36 13 00-0012	EA	400 Amperes, Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT400)	11,175.20	713.15
		For NEMA 3R Enclosure, Add	*1,811.94*	
		For NEMA 12 Enclosure, Add	*1,535.55*	
26 36 13 00-0013	EA	600 Amperes, Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT600)	14,810.50	891.43
		For NEMA 3R Enclosure, Add	*1,811.94*	
		For NEMA 12 Enclosure, Add	*1,535.55*	
26 36 13 00-0014	EA	800 Amperes, Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT800)	16,622.72	1,069.72
		For NEMA 3R Enclosure, Add	*2,226.53*	
		For NEMA 12 Enclosure, Add	*2,149.77*	
26 36 13 00-0015	EA	1,000 Amperes, Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT1000)	22,146.52	1,523.56
		For NEMA 3R Enclosure, Add	*2,226.53*	
		For NEMA 12 Enclosure, Add	*2,149.77*	
26 36 23		**Automatic Transfer Switches** *(26 36)*		
26 36 23 00-0001		Automatic Transfer Switch *(26 36 23)*		
26 36 23 00-0002		Automatic Transfer Switch, 2 Pole Circuit Breaker, NEMA 1 Enclosure *(26 36 23 00-0001)*		
		Note: Programmable, 120/240 volt single phase, 3 wire.		
26 36 23 00-0003	EA	100 Amperes, Automatic Transfer Switch, 120/240 Volt, NEMA 1, 2 Pole Circuit Breaker, Programmable, 3 Wire	3,445.48	416.00
		For Level 2 Controller, Add	*202.54*	
		For Level 3 Controller, Add	*418.16*	
		For Level 4 Controller, Add	*607.63*	
26 36 23 00-0004	EA	225 Amperes, Automatic Transfer Switch, 120/240 Volt, NEMA 1, 2 Pole Circuit Breaker, Programmable, 3 Wire	4,705.86	534.86
		For Level 2 Controller, Add	*281.80*	
		For Level 3 Controller, Add	*581.78*	
		For Level 4 Controller, Add	*845.40*	
26 36 23 00-0005	EA	400 Amperes, Automatic Transfer Switch, 120/240 Volt, NEMA 1, 2 Pole Circuit Breaker, Programmable, 3 Wire	7,562.29	713.15
		For Level 2 Controller, Add	*475.54*	
		For Level 3 Controller, Add	*981.76*	
		For Level 4 Controller, Add	*1,426.62*	
26 36 23 00-0006	EA	600 Amperes, Automatic Transfer Switch, 120/240 Volt, NEMA 1, 2 Pole Circuit Breaker, Programmable, 3 Wire	12,459.54	891.43
		For Level 2 Controller, Add	*827.44*	
		For Level 3 Controller, Add	*1,708.27*	
		For Level 4 Controller, Add	*2,482.33*	
26 36 23 00-0007		Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure *(26 36 23 00-0001)*		
26 36 23 00-0008	EA	40 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC40)	5,918.54	297.14
		For Level 2 Controller, Add	*412.63*	
		For Level 3 Controller, Add	*851.88*	
		For Level 4 Controller, Add	*1,237.89*	
		For NEMA 3R Enclosure, Add	*1,305.22*	
		For NEMA 4 Enclosure, Add	*1,381.99*	
		For NEMA 12 Enclosure, Add	*1,381.99*	
26 36 23 00-0009	EA	70 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC70)	6,824.33	356.57
		For Level 2 Controller, Add	*473.62*	
		For Level 3 Controller, Add	*977.79*	
		For Level 4 Controller, Add	*1,420.85*	
		For NEMA 3R Enclosure, Add	*1,305.22*	
		For NEMA 4 Enclosure, Add	*1,381.99*	
		For NEMA 12 Enclosure, Add	*1,381.99*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 36 23 00-0010	EA	100 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC100)	7,155.45	386.29
		For Level 2 Controller, Add	*494.67*	
		For Level 3 Controller, Add	*1,021.26*	
		For Level 4 Controller, Add	*1,484.02*	
		For NEMA 3R Enclosure, Add	*1,305.22*	
		For NEMA 4 Enclosure, Add	*1,381.99*	
		For NEMA 12 Enclosure, Add	*1,381.99*	
26 36 23 00-0011	EA	125 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC125)	7,486.59	416.00
		For Level 2 Controller, Add	*515.73*	
		For Level 3 Controller, Add	*1,064.73*	
		For Level 4 Controller, Add	*1,547.19*	
		For NEMA 3R Enclosure, Add	*1,305.22*	
		For NEMA 4 Enclosure, Add	*1,381.99*	
		For NEMA 12 Enclosure, Add	*1,381.99*	
26 36 23 00-0012	EA	150 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC150)	8,918.91	475.43
		For Level 2 Controller, Add	*617.52*	
		For Level 3 Controller, Add	*1,274.89*	
		For Level 4 Controller, Add	*1,852.57*	
		For NEMA 3R Enclosure, Add	*1,535.55*	
		For NEMA 4 Enclosure, Add	*1,996.21*	
		For NEMA 12 Enclosure, Add	*1,381.99*	
26 36 23 00-0013	EA	225 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC225)	10,189.35	534.86
		For Level 2 Controller, Add	*706.77*	
		For Level 3 Controller, Add	*1,459.14*	
		For Level 4 Controller, Add	*2,120.31*	
		For NEMA 3R Enclosure, Add	*1,535.55*	
		For NEMA 4 Enclosure, Add	*1,996.21*	
		For NEMA 12 Enclosure, Add	*1,381.99*	
26 36 23 00-0014	EA	260 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC260)	11,241.56	594.29
		For Level 2 Controller, Add	*779.11*	
		For Level 3 Controller, Add	*1,608.48*	
		For Level 4 Controller, Add	*2,337.32*	
		For NEMA 3R Enclosure, Add	*1,535.55*	
		For NEMA 4 Enclosure, Add	*1,996.21*	
		For NEMA 12 Enclosure, Add	*1,381.99*	
26 36 23 00-0015	EA	300 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC300)	11,725.04	653.71
		For Level 2 Controller, Add	*807.36*	
		For Level 3 Controller, Add	*1,666.82*	
		For Level 4 Controller, Add	*2,422.09*	
		For NEMA 3R Enclosure, Add	*1,811.94*	
		For NEMA 4 Enclosure, Add	*2,149.77*	
		For NEMA 12 Enclosure, Add	*1,535.55*	
26 36 23 00-0016	EA	400 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC400)	13,277.01	713.15
		For Level 2 Controller, Add	*918.43*	
		For Level 3 Controller, Add	*1,896.12*	
		For Level 4 Controller, Add	*2,755.29*	
		For NEMA 3R Enclosure, Add	*1,811.94*	
		For NEMA 4 Enclosure, Add	*2,149.77*	
		For NEMA 12 Enclosure, Add	*1,535.55*	
26 36 23 00-0017	EA	600 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC600)	18,251.13	891.43
		For Level 2 Controller, Add	*1,276.29*	
		For Level 3 Controller, Add	*2,634.92*	
		For Level 4 Controller, Add	*3,828.87*	
		For NEMA 3R Enclosure, Add	*1,811.94*	
		For NEMA 4 Enclosure, Add	*2,149.77*	
		For NEMA 12 Enclosure, Add	*1,535.55*	
26 36 23 00-0018	EA	800 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC800)	20,422.33	1,069.72
		For Level 2 Controller, Add	*1,416.92*	
		For Level 3 Controller, Add	*2,925.26*	
		For Level 4 Controller, Add	*4,250.77*	
		For NEMA 3R Enclosure, Add	*2,226.53*	
		For NEMA 4 Enclosure, Add	*2,456.89*	
		For NEMA 12 Enclosure, Add	*2,149.77*	
26 36 23 00-0019	EA	1,000 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC1000)	26,588.06	1,523.56
		For Level 2 Controller, Add	*1,824.42*	
		For Level 3 Controller, Add	*3,766.55*	
		For Level 4 Controller, Add	*5,473.27*	
		For NEMA 3R Enclosure, Add	*2,226.53*	
		For NEMA 4 Enclosure, Add	*2,456.89*	
		For NEMA 12 Enclosure, Add	*2,149.77*	
26 36 23 00-0020	EA	1,200 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC1200)	34,714.14	1,650.52
		For Level 2 Controller, Add	*2,434.52*	
		For Level 3 Controller, Add	*5,026.10*	
		For Level 4 Controller, Add	*7,303.55*	
		For NEMA 3R Enclosure, Add	*4,913.75*	
		For NEMA 4 Enclosure, Add	*2,763.98*	
		For NEMA 12 Enclosure, Add	*2,303.33*	
26 36 23 00-0021	EA	1,600 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC1600)	36,918.40	1,904.45
		For Level 2 Controller, Add	*2,565.99*	
		For Level 3 Controller, Add	*5,297.52*	
		For Level 4 Controller, Add	*7,697.96*	
		For NEMA 3R Enclosure, Add	*7,984.83*	
		For NEMA 4 Enclosure, Add	*9,827.47*	
		For NEMA 12 Enclosure, Add	*7,984.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 36 23 00-0022	EA	2,000 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC2000)	42,223.71	2,158.38
		For Level 2 Controller, Add	*2,937.79*	
		For Level 3 Controller, Add	*6,065.12*	
		For Level 4 Controller, Add	*8,813.37*	
		For NEMA 3R Enclosure, Add	*7,984.83*	
		For NEMA 4 Enclosure, Add	*9,827.47*	
		For NEMA 12 Enclosure, Add	*7,984.83*	
26 36 23 00-0023	EA	3,000 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC3000)	50,957.89	2,666.22
		For Level 2 Controller, Add	*3,535.97*	
		For Level 3 Controller, Add	*7,300.07*	
		For Level 4 Controller, Add	*10,607.91*	
		For NEMA 3R Enclosure, Add	*7,984.83*	
26 36 23 00-0024	EA	4,000 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC4000)	89,368.51	3,174.07
		For Level 2 Controller, Add	*6,434.08*	
		For Level 3 Controller, Add	*13,283.26*	
		For Level 4 Controller, Add	*19,302.23*	
		For NEMA 3R Enclosure, Add	*14,802.63*	

26 36 23 00-0025 Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure *(26 36 23 00-0001)*

26 36 23 00-0026	EA	150 Amperes, Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC150)	28,921.68	2,258.30
		For NEMA 3R Enclosure, Add	*2,687.21*	
		For NEMA 4 Enclosure, Add	*2,763.98*	
		For NEMA 12 Enclosure, Add	*1,458.78*	
		For Level 2 Controller, Add	*1,891.39*	
		For Level 3 Controller, Add	*3,904.81*	
		For Level 4 Controller, Add	*5,674.18*	
26 36 23 00-0027	EA	225 Amperes, Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC225)	30,176.09	2,377.16
		For NEMA 3R Enclosure, Add	*2,687.21*	
		For NEMA 4 Enclosure, Add	*2,763.98*	
		For NEMA 12 Enclosure, Add	*1,458.78*	
		For Level 2 Controller, Add	*1,970.19*	
		For Level 3 Controller, Add	*4,067.48*	
		For Level 4 Controller, Add	*5,910.56*	
26 36 23 00-0028	EA	260 Amperes, Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC260)	31,630.21	2,496.02
		For NEMA 3R Enclosure, Add	*2,687.21*	
		For NEMA 4 Enclosure, Add	*2,763.98*	
		For NEMA 12 Enclosure, Add	*1,458.78*	
		For Level 2 Controller, Add	*2,064.46*	
		For Level 3 Controller, Add	*4,262.11*	
		For Level 4 Controller, Add	*6,193.38*	
26 36 23 00-0029	EA	300 Amperes, Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC300)	35,477.95	2,555.44
		For NEMA 3R Enclosure, Add	*2,687.21*	
		For NEMA 4 Enclosure, Add	*2,763.98*	
		For NEMA 12 Enclosure, Add	*1,458.78*	
		For Level 2 Controller, Add	*2,353.45*	
		For Level 3 Controller, Add	*4,858.73*	
		For Level 4 Controller, Add	*7,060.34*	
26 36 23 00-0030	EA	400 Amperes, Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC400)	41,201.36	2,614.87
		For NEMA 3R Enclosure, Add	*2,687.21*	
		For NEMA 4 Enclosure, Add	*2,763.98*	
		For NEMA 12 Enclosure, Add	*1,458.78*	
		For Level 2 Controller, Add	*2,787.80*	
		For Level 3 Controller, Add	*5,755.46*	
		For Level 4 Controller, Add	*8,363.40*	
26 36 23 00-0031	EA	600 Amperes, Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC600)	49,779.83	2,733.72
		For NEMA 3R Enclosure, Add	*2,687.21*	
		For NEMA 4 Enclosure, Add	*2,763.98*	
		For NEMA 12 Enclosure, Add	*1,535.55*	
		For Level 2 Controller, Add	*3,434.21*	
		For Level 3 Controller, Add	*7,089.98*	
		For Level 4 Controller, Add	*10,302.63*	
26 36 23 00-0032	EA	800 Amperes, Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC800)	55,000.39	2,852.58
		For NEMA 3R Enclosure, Add	*2,763.98*	
		For NEMA 4 Enclosure, Add	*2,763.98*	
		For NEMA 12 Enclosure, Add	*1,689.11*	
		For Level 2 Controller, Add	*3,820.38*	
		For Level 3 Controller, Add	*7,887.24*	
		For Level 4 Controller, Add	*11,461.14*	
26 36 23 00-0033	EA	1,000 Amperes, Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC1000)	69,303.39	3,328.01
		For NEMA 3R Enclosure, Add	*2,763.98*	
		For NEMA 4 Enclosure, Add	*2,763.98*	
		For NEMA 12 Enclosure, Add	*1,689.11*	
		For Level 2 Controller, Add	*4,855.17*	
		For Level 3 Controller, Add	*10,023.58*	
		For Level 4 Controller, Add	*14,565.51*	
26 36 23 00-0034	EA	1,200 Amperes, Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC1200)	91,485.81	3,808.89
		For NEMA 3R Enclosure, Add	*12,284.33*	
		For NEMA 4 Enclosure, Add	*15,355.41*	
		For NEMA 12 Enclosure, Add	*12,284.33*	
		For Level 2 Controller, Add	*6,499.77*	
		For Level 3 Controller, Add	*13,418.88*	
		For Level 4 Controller, Add	*19,499.32*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 36 23 00-0035	EA	1,600 Amperes, Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC1600)	119,998.55	4,062.82
		For NEMA 3R Enclosure, Add	*26,104.20*	
		For NEMA 4 Enclosure, Add	*26,104.20*	
		For NEMA 12 Enclosure, Add	*24,322.98*	
		For Level 2 Controller, Add	*8,670.15*	
		For Level 3 Controller, Add	*17,899.67*	
		For Level 4 Controller, Add	*26,010.45*	
26 36 23 00-0036	EA	2,000 Amperes, Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC2000)	136,374.00	4,443.71
		For NEMA 3R Enclosure, Add	*26,104.20*	
		For NEMA 4 Enclosure, Add	*26,104.20*	
		For NEMA 12 Enclosure, Add	*24,322.98*	
		For Level 2 Controller, Add	*9,880.21*	
		For Level 3 Controller, Add	*20,397.85*	
		For Level 4 Controller, Add	*29,640.63*	
26 36 23 00-0037	EA	3,000 Amperes, Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC3000)	219,546.26	5,078.52
		For NEMA 3R Enclosure, Add	*32,246.35*	
		For Level 2 Controller, Add	*16,227.66*	
		For Level 3 Controller, Add	*33,502.27*	
		For Level 4 Controller, Add	*48,682.99*	
26 36 23 00-0038	EA	4,000 Amperes, Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC4000)	236,812.64	5,713.34
		For NEMA 3R Enclosure, Add	*32,246.35*	
		For Level 2 Controller, Add	*17,467.41*	
		For Level 3 Controller, Add	*36,061.76*	
		For Level 4 Controller, Add	*52,402.24*	

26 36 23 00-0039 Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure *(26 36 23 00-0001)*

26 36 23 00-0040	EA	40 Amperes, Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE40)	9,792.75	297.14
		For Level 2 Controller, Add	*712.88*	
		For Level 3 Controller, Add	*1,471.75*	
		For Level 4 Controller, Add	*2,138.64*	
		For NEMA 3R Enclosure, Add	*767.78*	
		For NEMA 12 Enclosure, Add	*1,381.99*	
26 36 23 00-0041	EA	70 Amperes, Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE70)	10,564.83	356.57
		For Level 2 Controller, Add	*763.51*	
		For Level 3 Controller, Add	*1,576.27*	
		For Level 4 Controller, Add	*2,290.52*	
		For NEMA 3R Enclosure, Add	*767.78*	
		For NEMA 12 Enclosure, Add	*1,381.99*	
26 36 23 00-0042	EA	100 Amperes, Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE100)	10,950.15	386.29
		For Level 2 Controller, Add	*788.76*	
		For Level 3 Controller, Add	*1,628.41*	
		For Level 4 Controller, Add	*2,366.29*	
		For NEMA 3R Enclosure, Add	*767.78*	
		For NEMA 12 Enclosure, Add	*1,381.99*	
26 36 23 00-0043	EA	125 Amperes, Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE125)	11,335.49	416.00
		For Level 2 Controller, Add	*814.02*	
		For Level 3 Controller, Add	*1,680.56*	
		For Level 4 Controller, Add	*2,442.06*	
		For NEMA 3R Enclosure, Add	*767.78*	
		For NEMA 12 Enclosure, Add	*1,381.99*	
26 36 23 00-0044	EA	150 Amperes, Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE150)	13,630.76	475.43
		For Level 2 Controller, Add	*982.69*	
		For Level 3 Controller, Add	*2,028.78*	
		For Level 4 Controller, Add	*2,948.08*	
		For Four Pole Circuit Breaker, Add	*3,838.85*	
		For NEMA 3R Enclosure, Add	*767.78*	
		For NEMA 12 Enclosure, Add	*1,381.99*	
26 36 23 00-0045	EA	225 Amperes, Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE225)	17,809.67	534.86
		For Level 2 Controller, Add	*1,297.35*	
		For Level 3 Controller, Add	*2,678.39*	
		For Level 4 Controller, Add	*3,892.04*	
		For Four Pole Circuit Breaker, Add	*3,838.85*	
		For NEMA 3R Enclosure, Add	*767.78*	
		For NEMA 12 Enclosure, Add	*1,381.99*	
26 36 23 00-0046	EA	250 Amperes, Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE250)	18,943.54	594.29
		For Level 2 Controller, Add	*1,376.01*	
		For Level 3 Controller, Add	*2,840.79*	
		For Level 4 Controller, Add	*4,128.03*	
		For Four Pole Circuit Breaker, Add	*3,838.85*	
		For NEMA 3R Enclosure, Add	*767.78*	
		For NEMA 12 Enclosure, Add	*1,381.99*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 36 23 00-0047	EA	300 Amperes, Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE300)	19,674.80	653.71
		For Level 2 Controller, Add	*1,423.47*	
		For Level 3 Controller, Add	*2,938.78*	
		For Level 4 Controller, Add	*4,270.41*	
		For Four Pole Circuit Breaker, Add	*5,220.84*	
		For NEMA 3R Enclosure, Add	*1,996.21*	
		For NEMA 12 Enclosure, Add	*1,535.55*	
26 36 23 00-0048	EA	400 Amperes, Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE400)	22,284.01	713.15
		For Level 2 Controller, Add	*1,616.47*	
		For Level 3 Controller, Add	*3,337.24*	
		For Level 4 Controller, Add	*4,849.42*	
		For Four Pole Circuit Breaker, Add	*5,220.84*	
		For NEMA 3R Enclosure, Add	*1,996.21*	
		For NEMA 12 Enclosure, Add	*1,535.55*	
26 36 23 00-0049	EA	600 Amperes, Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE600)	27,020.21	891.43
		For Level 2 Controller, Add	*1,955.89*	
		For Level 3 Controller, Add	*4,037.97*	
		For Level 4 Controller, Add	*5,867.68*	
		For Four Pole Circuit Breaker, Add	*5,220.84*	
		For NEMA 3R Enclosure, Add	*1,996.21*	
		For NEMA 12 Enclosure, Add	*1,535.55*	
26 36 23 00-0050	EA	800 Amperes, Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE800)	28,046.88	1,069.72
		For Level 2 Controller, Add	*2,007.83*	
		For Level 3 Controller, Add	*4,145.19*	
		For Level 4 Controller, Add	*6,023.48*	
		For Four Pole Circuit Breaker, Add	*7,447.38*	
		For NEMA 3R Enclosure, Add	*3,439.63*	
		For NEMA 12 Enclosure, Add	*2,149.77*	
26 36 23 00-0051	EA	1,000 Amperes, Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE1000)	33,176.49	1,523.56
		For Level 2 Controller, Add	*2,335.03*	
		For Level 3 Controller, Add	*4,820.70*	
		For Level 4 Controller, Add	*7,005.08*	
		For Four Pole Circuit Breaker, Add	*7,447.38*	
		For NEMA 3R Enclosure, Add	*3,439.63*	
		For NEMA 12 Enclosure, Add	*2,149.77*	

26 36 23 00-0052 Accessories *(26 36 23)*

26 36 23 00-0053	EA	Auxiliary Contacts For Automatic Transfer Switch	356.25	
26 36 23 00-0054	EA	Battery Charger For Automatic Transfer Switch	2,917.54	
26 36 23 00-0055	EA	Elevator Relay Signal For Automatic Transfer Switch	1,059.53	

26 40 Electrical And Cathodic Protection *(26)*

26 43 Surge Protective Devices *(26 40)*

26 43 13 Surge Protective Devices for Low-Voltage Electrical Power Circuits *(26 43)*

26 43 13 00-0001 25 kA Low Exposure (14 kAIC) Transient Voltage Surge Suppression *(26 43 13)*

Note: Liebert LPL

26 43 13 00-0002	EA	120/240 Volt AC Single Phase, 3 Wire 25 kA Low Exposure Transient Voltage Surge Suppressor	237.45	28.98
26 43 13 00-0003	EA	208 Volt AC Three Phase, 3 Wire 25 kA Low Exposure Transient Voltage Surge Suppressor	255.66	28.98
26 43 13 00-0004	EA	240/120 Volt AC Three Phase, 4 Wire 25 kA Low Exposure Transient Voltage Surge Suppressor	267.25	34.77
26 43 13 00-0005	EA	277 Volt AC Single Phase, 2 Wire 25 kA Low Exposure Transient Voltage Surge Suppressor	220.65	23.18
26 43 13 00-0006	EA	480/277 Volt AC Three Phase, 4 Wire 25 kA Low Exposure Transient Voltage Surge Suppressor	267.25	34.77

26 43 13 00-0007 50 kA Low Exposure (14 kAIC) Transient Voltage Surge Suppression *(26 43 13)*

Note: Liebert LPL

26 43 13 00-0008	EA	120/240 Volt AC Single Phase, 3 Wire 50 kA Low Exposure Transient Voltage Surge Suppressor	327.19	28.98
26 43 13 00-0009	EA	208/120 Volt AC Three Phase, 4 Wire 50 kA Low Exposure Transient Voltage Surge Suppressor	349.19	34.77
26 43 13 00-0010	EA	208 Volt AC Three Phase, 3 Wire 50 kA Low Exposure Transient Voltage Surge Suppressor	337.60	28.98
26 43 13 00-0011	EA	480/277 Volt AC Three Phase, 4 Wire 50 kA Low Exposure Transient Voltage Surge Suppressor	349.19	34.77

26 43 13 00-0012 100 kA Low Exposure (14 kAIC) Transient Voltage Surge Suppression *(26 43 13)*

Note: Liebert LPL

26 43 13 00-0013	EA	120/240 Volt AC Single Phase, 3 Wire 100 kA Low Exposure Transient Voltage Surge Suppressor	394.83	28.98
26 43 13 00-0014	EA	208/120 Volt AC Three Phase, 4 Wire 100 kA Low Exposure Transient Voltage Surge Suppressor	416.83	34.77
26 43 13 00-0015	EA	277 Volt AC Single Phase, 2 Wire 100 kA Low Exposure Transient Voltage Surge Suppressor	367.63	23.18
26 43 13 00-0016	EA	480/277 Volt AC Three Phase, 4 Wire 100 kA Low Exposure Transient Voltage Surge Suppressor	416.83	34.77

26 43 13 00-0017 100 kA Low Exposure (65 kAIC) Transient Voltage Surge Suppression *(26 43 13)*

Note: Liebert LPM

26 43 13 00-0018	EA	120/240 Volt AC Single Phase, 3 Wire 100 kA Medium Exposure Transient Voltage Surge Suppressor	465.07	28.98
26 43 13 00-0019	EA	208/120 Volt AC Three Phase, 4 Wire 100 kA Medium Exposure Transient Voltage Surge Suppressor	524.78	34.77
26 43 13 00-0020	EA	277 Volt AC Three Phase, 2 Wire 100 kA Medium Exposure Transient Voltage Surge Suppressor	439.17	23.18

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 43 13 00-0021		**160 kA Low Exposure (65 kAIC) Transient Voltage Surge Suppression** *(26 43 13)* Note: Liebert LPM		
26 43 13 00-0022	EA	208/120 Volt AC Single Phase, 4 Wire 160 kA Medium Exposure Transient Voltage Surge Suppressor	817.44	34.77
26 43 13 00-0023	EA	208 Volt AC Three Phase, 3 Wire 160 kA Medium Exposure Transient Voltage Surge Suppressor	805.85	28.98
26 43 13 00-0024	EA	480/277 Volt AC Three Phase, 4 Wire 160 kA Medium Exposure Transient Voltage Surge Suppressor	817.44	34.77
26 43 13 00-0025		**250 kA, 500 Joule Transient Voltage Surge Suppression** *(26 43 13)* Note: Liebert Interceptor Hybrid.		
26 43 13 00-0026	EA	LED Display, 120/208 Volt AC Three Phase, 250 kA Transient Voltage Surge Suppressor	7,936.43	57.95
26 43 13 00-0027	EA	Audible Alarm/LED Display, 120/208 Volt AC Three Phase, 250 kA Transient Voltage Surge Suppressor	9,709.63	57.95
26 43 13 00-0028		**Class 1310 Transient Voltage Surge Suppression** *(26 43 13)* Note: Supplied with audible alarm, alarm enable/disable switch and dry contacts. Square D.		
26 43 13 00-0029		**NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor** *(26 43 13 00-0028)* Note: Square D. EMA series.		
26 43 13 00-0030	EA	120 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	3,818.00	150.68
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0031	EA	160 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	4,212.42	173.85
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0032	EA	240 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	6,145.33	202.83
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0033	EA	320 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	8,168.66	231.81
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0034	EA	480 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	12,083.14	318.74
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0035	EA	120 kA, 120/208 Volt, 1 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	3,982.76	150.68
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0036	EA	160 kA, 120/208 Volt, 1 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	4,393.42	173.85
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0037	EA	240 kA, 120/208 Volt, 1 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	6,424.96	202.83
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0038	EA	320 kA, 120/208 Volt, 1 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	8,531.81	231.81
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0039	EA	480 kA, 120/208 Volt, 1 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	12,643.54	318.74
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0040	EA	120 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	3,982.76	150.68
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0041	EA	160 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	4,393.42	173.85
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0042	EA	240 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	6,424.91	202.83
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0043	EA	320 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	8,531.81	231.81
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0044	EA	480 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	12,643.54	318.74
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0045	EA	120 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	4,147.54	150.68
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0046	EA	160 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	4,576.74	173.85
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0047	EA	240 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	6,706.89	202.83
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0048	EA	320 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	8,897.36	231.81
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0049	EA	480 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	13,206.21	318.74
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0050	EA	120 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	4,338.98	150.68
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 43 13 00-0051	EA	160 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	4,767.06	173.85
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0052	EA	240 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	7,001.59	202.83
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0053	EA	320 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	9,280.24	231.81
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0054	EA	480 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor	12,999.07	318.74
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	

26 43 13 00-0055 NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor *(26 43 13 00-0028)*

Note: Square D EBA series.

26 43 13 00-0056	EA	120 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor	2,982.68	150.68
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0057	EA	160 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor	3,602.19	173.85
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0058	EA	240 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor	5,270.54	202.83
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0059	EA	120 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor	3,076.65	150.68
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0060	EA	160 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor	3,741.42	173.85
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0061	EA	240 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor	5,452.69	202.83
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0062	EA	120 kA, 120/240 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor	3,076.65	150.68
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0063	EA	160 kA, 120/240 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor	3,741.42	173.85
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0064	EA	240 kA, 120/240 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor	5,452.69	202.83
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0065	EA	120 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor	3,196.16	150.68
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0066	EA	160 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor	3,891.09	173.85
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0067	EA	240 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor	5,685.89	202.83
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0068	EA	120 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor	3,321.47	150.68
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0069	EA	160 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor	4,050.03	173.85
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0070	EA	240 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor	5,930.69	202.83
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	

26 43 13 00-0071 NEMA 4X Modular Device Transient Voltage Surge Suppressor *(26 43 13 00-0028)*

Note: Square D EMA series. Stainless steel.

26 43 13 00-0072	EA	120 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor	4,914.41	150.68
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0073	EA	160 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor	5,308.84	173.85
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0074	EA	240 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor	7,241.75	202.83
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0075	EA	120 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor	5,079.17	150.68
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0076	EA	160 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor	5,489.83	173.85
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0077	EA	240 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor	7,521.37	202.83
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 43 13 00-0078	EA	120 kA, 120/240 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor	5,079.17	150.68
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0079	EA	160 kA, 120/240 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor	5,489.83	173.85
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0080	EA	240 kA, 120/240 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor	7,521.32	202.83
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0081	EA	120 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor	5,243.96	150.68
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0082	EA	160 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor	5,673.15	173.85
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0083	EA	240 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor	7,803.30	202.83
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0084	EA	120 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor	5,435.39	150.68
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0085	EA	160 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor	5,863.47	173.85
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0086	EA	240 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor	8,098.00	202.83
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	

26 43 13 00-0087 NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor *(26 43 13 00-0028)*

Note: Square D EBA series. Stainless steel.

26 43 13 00-0088	EA	120 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	4,079.09	150.68
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0089	EA	160 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	4,698.60	173.85
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0090	EA	240 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	6,366.95	202.83
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0091	EA	120 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	4,173.06	150.68
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0092	EA	160 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	4,837.83	173.85
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0093	EA	240 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	6,549.10	202.83
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0094	EA	120 kA, 120/240 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	4,173.06	150.68
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0095	EA	160 kA, 120/240 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	4,837.83	173.85
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0096	EA	240 kA, 120/240 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	6,549.10	202.83
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0097	EA	120 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	4,292.57	150.68
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0098	EA	160 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	4,987.50	173.85
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0099	EA	240 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	6,782.30	202.83
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0100	EA	120 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	4,417.88	150.68
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0101	EA	160 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	5,146.45	173.85
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	
26 43 13 00-0102	EA	240 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	7,027.11	202.83
		For Integral Disconnect, Add	*438.87*	
		For Surge Counter, Add	*335.40*	

26 43 13 00-0103 Transient Voltage Surge Suppression *(26 43 13)*

26 43 13 00-0104	EA	Distribution Panel Mount Surge Protective Device, 120/208V, Leviton 57120-M3	7,903.35	144.87
26 43 13 00-0105	EA	Panel Mount Surge Protective Device, 120/208V, Leviton 52120-7M3	4,685.78	144.87

26 43 23 Surge Protective Devices for Lightning Protection *(26 43)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 43 23 00-0001		Surge And Lightning Arrestors *(26 43 23)*		
26 43 23 00-0002		Metal Top Intermediate Type IMX *(26 43 23 00-0001)*		
		Note: For outdoor construction, single phase.		
26 43 23 00-0003	EA	3 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase	1,198.67	259.19
26 43 23 00-0004	EA	4.5 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase	1,304.50	259.19
26 43 23 00-0005	EA	6 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase	1,304.50	259.19
26 43 23 00-0006	EA	7.5 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase	1,501.03	259.19
26 43 23 00-0007	EA	9 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase	1,501.03	259.19
26 43 23 00-0008	EA	10 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase	1,664.30	259.19
26 43 23 00-0009	EA	12 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase	1,664.30	259.19
26 43 23 00-0010	EA	15 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase	2,277.66	323.99
26 43 23 00-0011	EA	18 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase	2,362.32	323.99
26 43 23 00-0012	EA	21 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase	2,588.23	388.78
26 43 23 00-0013	EA	24 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase	2,805.93	388.78
26 43 23 00-0014	EA	27 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase	3,353.18	388.78
26 43 23 00-0015		Porcelain Top Intermediate Type IMX *(26 43 23 00-0001)*		
		Note: For cubicle mounting, single phase.		
26 43 23 00-0016	EA	3 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase	1,198.67	259.19
26 43 23 00-0017	EA	4.5 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase	1,304.50	259.19
26 43 23 00-0018	EA	6 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase	1,304.50	259.19
26 43 23 00-0019	EA	7.5 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase	1,501.03	259.19
26 43 23 00-0020	EA	9 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase	1,501.03	259.19
26 43 23 00-0021	EA	10 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase	1,664.30	259.19
26 43 23 00-0022	EA	12 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase	1,664.30	259.19
26 43 23 00-0023	EA	15 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase	2,277.66	323.99
26 43 23 00-0024	EA	18 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase	2,362.32	323.99
26 43 23 00-0025	EA	21 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase	2,588.23	388.78
26 43 23 00-0026	EA	24 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase	2,805.93	388.78
26 43 23 00-0027	EA	27 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase	3,353.18	388.78
26 43 23 00-0028		IMX Accessories *(26 43 23 00-0001)*		
26 43 23 00-0029	EA	1 Crossarm Bracket Reversible 3-27 KV IMX	980.98	259.19
26 43 23 00-0030	EA	Single Unit Horizontal Pole Mounted Bracket (IMX)	968.89	259.19
26 43 23 00-0031	EA	3 Unit Horizontal Pole Mounted Bracket (IMX)	878.30	259.19
26 43 23 00-0032		Lightning Arrestor And Cutouts *(26 43 23 00-0001)*		
26 43 23 00-0033	EA	3 KV La Distribution Class, Lightning Arrestor	642.34	259.19
26 43 23 00-0034	EA	3 KV La Interior Class, Lightning Arrestor	1,279.22	259.19
26 43 23 00-0035	EA	3 KV La Station Class, Lightning Arrestor	1,198.67	259.19
26 43 23 00-0036	EA	9 KV La Distribution Class, Lightning Arrestor	708.86	259.19
26 43 23 00-0037	EA	9 KV La Interior Class, Lightning Arrestor	1,455.55	259.19
26 43 23 00-0038	EA	9 KV La Station Class, Lightning Arrestor	1,501.03	259.19
26 43 23 00-0039	EA	5 KV Enclosed Fused Cutout	812.27	259.19
26 43 23 00-0040	EA	15 KV Open Fused Cutout	868.70	323.99
26 43 23 00-0041	EA	18 KV La Distribution Class, Lightning Arrestor	673.87	259.19
26 43 23 00-0042	EA	18 KV La Interior Class, Lightning Arrestor	1,549.80	259.19

26 50 Lighting *(26)*

Note: Includes testing of fixture, a set of lamps (light bulbs), wire nuts, ground wire connector, fixture whip, ballast(s), mounting brackets where necessary and cable connectors. Lay-in fixtures include support wire, clips and seismic supports.

26 51 Interior Lighting *(26 50)*

26 51 13 Incandescent Interior Lighting *(26 51)*

26 51 13 00-0001		Recessed Fixtures *(26 51 13)*		
		Note: Housing and trim priced separately.		
26 51 13 00-0002		Incandescent, Recessed Fixture Housings *(26 51 13 00-0001)*		
26 51 13 00-0003	EA	4" Round, Incandescent, T Or ICT Recessed Fixture Housing	83.10	33.15
		For ICAT Housing, Add	*4.29*	
26 51 13 00-0004	EA	5" Round, Incandescent, T Or ICT Recessed Fixture Housing	83.10	33.15
		For ICAT Housing, Add	*4.29*	
26 51 13 00-0005	EA	6" Round, Incandescent, T Or ICT Recessed Fixture Housing	88.29	34.77
		For ICAT Housing, Add	*4.66*	
26 51 13 00-0006	EA	7" Round, Incandescent, T Or ICT Recessed Fixture Housing	93.66	36.27
		For ICAT Housing, Add	*5.05*	
26 51 13 00-0007	EA	8" Round, Incandescent, T Or ICT Recessed Fixture Housing	99.05	37.79
		For ICAT Housing, Add	*5.45*	
26 51 13 00-0008	EA	10" To 12" Square, Incandescent, T Or ICT Recessed Fixture Housing	100.76	40.10
		For ICAT Housing, Add	*5.22*	
26 51 13 00-0009		Recessed Fixture Trim *(26 51 13 00-0001)*		
26 51 13 00-0010	EA	Circular, Recessed Fixture Trim	65.50	16.23

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 13 00-0011	EA	Circular Clear Lens, Recessed Fixture Trim	73.04	16.23
26 51 13 00-0012	EA	Open/Baffle, Recessed Fixture Trim	86.10	16.23
26 51 13 00-0013	EA	Specular Reflector, Recessed Fixture Trim	93.03	16.23
26 51 13 00-0014	EA	Eyeball, Recessed Fixture Trim	73.15	16.23
26 51 13 00-0015	EA	10" To 12" Square, Clear Lens, Recessed Fixture Trim	69.10	16.23
26 51 13 00-0016	EA	10" To 12" Square, Drop Dish, Recessed Fixture Trim	73.74	16.23
26 51 13 00-0017		Track Lighting *(26 51 13)*		
26 51 13 00-0018		Track Lighting Tracks *(26 51 13 00-0017)*		
26 51 13 00-0019	LF	1 Circuit Track Lighting Track	23.57	7.65
26 51 13 00-0020	LF	2 Circuit Track Lighting Track	30.49	7.65
26 51 13 00-0021	LF	3 Circuit Track Lighting Track	36.41	7.65
26 51 13 00-0022	LF	4 Circuit Track Lighting Track	42.34	9.27
26 51 13 00-0023		Incandescent Track Lighting Fixtures *(26 51 13 00-0017)*		
26 51 13 00-0024	EA	Incandescent Track Lighting Fixture, 120 Volt	84.93	19.35
26 51 13 00-0025	EA	Par 20 Track Fixture, White Or Black Finish, 120 Volt	57.58	19.35
26 51 13 00-0026	EA	Par 30 Track Fixture, White Or Black Finish, 120 Volt	79.67	19.35
26 51 13 00-0027	EA	Par 38 Track Fixture, White Or Black Finish, 120 Volt	81.86	19.35
26 51 13 00-0028	EA	PAR 16, Baffled Cylinder Track Fixture, White or Black Finish, 120 Volt	67.58	19.35
26 51 13 00-0029	EA	PAR 20, Baffled Cylinder Track Fixture, White or Black Finish, 120 Volt	57.58	19.35
26 51 13 00-0030	EA	PAR 30, Baffled Cylinder Track Fixture, White or Black Finish, 120 Volt Note: 120V.	66.53	19.35
26 51 13 00-0031	EA	PAR 38, Baffled Cylinder Track Fixture, White or Black Finish, 120 Volt	84.05	19.35
26 51 13 00-0032		Track Lighting Accessories *(26 51 13 00-0017)*		
26 51 13 00-0033		Pendant Mounting *(26 51 13 00-0032)*		
26 51 13 00-0034	EA	Track Lighting Pendant Mounting, Up to 12"	26.12	
26 51 13 00-0035	EA	Track Lighting Pendant Mounting, >12" To 24"	33.39	
26 51 13 00-0036	EA	Track Lighting Pendant Mounting, >24" To 36"	40.65	
26 51 13 00-0037		Wet Location, Dust Resistant, Vapor Tight Fixtures *(26 51 13)*		
26 51 13 00-0038		Incandescent, Wet Location, Dust Resistant, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixtures *(26 51 13 00-0037)*		
26 51 13 00-0039	EA	100 Watt Incandescent, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture	127.94	46.36
		For Wall Mounted, Add	*5.10*	
26 51 13 00-0040	EA	200 Watt Incandescent, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture	146.37	46.36
		For Wall Mounted, Add	*5.10*	
26 51 16		**Fluorescent Interior Lighting** *(26 51)*		
26 51 16 00-0001		Fluorescent Fixtures *(26 51 16)*		
26 51 16 00-0002		Surface Mounted, Wraparound Fluorescent Fixtures *(26 51 16 00-0001)*		
26 51 16 00-0003		6" x 2', Surface Mounted, Wraparound Fluorescent Fixtures *(26 51 16 00-0002)*		
26 51 16 00-0004	EA	1 T8 Lamp, 6" x 2', Surface Mounted, Wraparound Fluorescent Fixture	188.63	33.14
26 51 16 00-0005	EA	2 T8 Lamps, 6" x 2', Surface Mounted, Wraparound Fluorescent Fixture	212.66	33.14
26 51 16 00-0006		6" x 4', Surface Mounted, Wraparound Fluorescent Fixtures *(26 51 16 00-0002)*		
26 51 16 00-0007	EA	1 T8 Lamp, 6" x 4', Surface Mounted, Wraparound Fluorescent Fixture	213.68	34.52
26 51 16 00-0008	EA	2 T8 Lamps, 6" x 4', Surface Mounted, Wraparound Fluorescent Fixture	240.06	34.52
26 51 16 00-0009		1' x 4', Surface Mounted, Wraparound Fluorescent Fixtures *(26 51 16 00-0002)*		
26 51 16 00-0010	EA	2 T8 Lamps, 1' x 4', Surface Mounted, Wraparound Fluorescent Fixture	255.51	38.75
26 51 16 00-0011	EA	3 T8 Lamps, 1' x 4', Surface Mounted, Wraparound Fluorescent Fixture	304.57	38.75
26 51 16 00-0012	EA	4 T8 Lamps, 1' x 4', Surface Mounted, Wraparound Fluorescent Fixture	358.55	38.75
26 51 16 00-0013		2' x 2', Surface Mounted, Wraparound Fluorescent Fixtures *(26 51 16 00-0002)*		
26 51 16 00-0014	EA	2 T8 Lamps, 2' x 2', Surface Mounted, Wraparound Fluorescent Fixture	206.07	42.35
26 51 16 00-0015	EA	3 T8 Lamps, 2' x 2', Surface Mounted, Wraparound Fluorescent Fixture	239.51	42.35
26 51 16 00-0016		2' x 4', Surface Mounted, Wraparound Fluorescent Fixtures *(26 51 16 00-0002)*		
26 51 16 00-0017	EA	2 T8 Lamps, 2' x 4', Surface Mounted, Wraparound Fluorescent Fixture	327.02	49.34
26 51 16 00-0018	EA	3 T8 Lamps, 2' x 4', Surface Mounted, Wraparound Fluorescent Fixture	352.75	49.34
26 51 16 00-0019	EA	4 T8 Lamps, 2' x 4', Surface Mounted, Wraparound Fluorescent Fixture	401.72	49.34
26 51 16 00-0020		Special Surface Mounted Fluorescent Fixtures *(26 51 16 00-0002)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 16 00-0021	EA	54" Long Adjustable 120 Volt Fluorescent Over Mirror, Wall Mount	595.54	38.75
26 51 16 00-0022		**Surface Mounted, Box Type Fluorescent Fixtures** *(26 51 16 00-0001)*		
		Note: Includes prismatic lens.		
26 51 16 00-0023		**1' x 4', Surface Mounted, Box Type Fluorescent Fixtures** *(26 51 16 00-0022)*		
26 51 16 00-0024	EA	2 T8 Lamps, 1' x 4', Surface Mounted, Box Type Fluorescent Fixture	254.06	38.44
26 51 16 00-0025	EA	3 T8 Lamps, 1' x 4', Surface Mounted, Box Type Fluorescent Fixture	417.71	38.44
26 51 16 00-0026	EA	4 T8 Lamps, 1' x 4', Surface Mounted, Box Type Fluorescent Fixture	477.55	38.44
26 51 16 00-0027		**2' x 2', Surface Mounted, Box Type Fluorescent Fixtures** *(26 51 16 00-0022)*		
26 51 16 00-0028	EA	2 T8 Lamps, 2' x 2', Surface Mounted, Box Type Fluorescent Fixture	400.66	42.35
26 51 16 00-0029	EA	3 T8 Lamps, 2' x 2', Surface Mounted, Box Type Fluorescent Fixture	438.36	42.35
26 51 16 00-0030	EA	4 T8 Lamps, 2' x 2', Surface Mounted, Box Type Fluorescent Fixture	465.53	42.35
26 51 16 00-0031		**2' x 4', Surface Mounted, Box Type Fluorescent Fixtures** *(26 51 16 00-0022)*		
26 51 16 00-0032	EA	2 T8 Lamps, 2' x 4', Surface Mounted, Box Type Fluorescent Fixture	405.34	49.34
26 51 16 00-0033	EA	3 T8 Lamps, 2' x 4', Surface Mounted, Box Type Fluorescent Fixture	445.59	49.34
26 51 16 00-0034	EA	4 T8 Lamps, 2' x 4', Surface Mounted, Box Type Fluorescent Fixture	467.75	49.34
26 51 16 00-0035	EA	6 T8 Lamps, 2' x 4', Surface Mounted, Box Type Fluorescent Fixture	501.48	49.34
26 51 16 00-0036		**4' x 4', Surface Mounted, Box Type Fluorescent Fixtures** *(26 51 16 00-0022)*		
26 51 16 00-0037	EA	4 T8 Lamps, 4' x 4', Surface Mounted, Box Type Fluorescent Fixture	810.77	63.53
26 51 16 00-0038	EA	6 T8 Lamps, 4' x 4', Surface Mounted, Box Type Fluorescent Fixture	824.33	63.53
26 51 16 00-0039	EA	8 T8 Lamps, 4' x 4', Surface Mounted, Box Type Fluorescent Fixture	649.07	63.53
26 51 16 00-0040		**Recessed Fluorescent Fixtures** *(26 51 16 00-0001)*		
26 51 16 00-0041		**Lensed, Lay-In/Troffer, Recessed Fluorescent Fixtures** *(26 51 16 00-0040)*		
26 51 16 00-0042		**1' x 2', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture** *(26 51 16 00-0041)*		
26 51 16 00-0043	EA	2 T8 Lamps, 1' x 2', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	364.28	33.14
		For Drywall Or Plaster Ceilings, Add	*22.40*	
26 51 16 00-0044		**1' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture** *(26 51 16 00-0041)*		
26 51 16 00-0045	EA	2 T8 Lamps, 1' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	482.48	38.44
		For Drywall Or Plaster Ceilings, Add	*26.21*	
26 51 16 00-0046	EA	2 T5 Lamps, 1' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	907.49	38.44
		For Drywall Or Plaster Ceilings, Add	*26.21*	
26 51 16 00-0047		**2' x 2', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture** *(26 51 16 00-0041)*		
26 51 16 00-0048	EA	2 T8 Lamps, 2' x 2', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	487.48	42.35
		For Drywall Or Plaster Ceilings, Add	*28.59*	
26 51 16 00-0049	EA	3 T8 Lamps, 2' x 2', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	562.64	42.35
		For Drywall Or Plaster Ceilings, Add	*28.59*	
26 51 16 00-0050	EA	4 T8 Lamps, 2' x 2', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	568.38	42.35
		For Drywall Or Plaster Ceilings, Add	*28.60*	
26 51 16 00-0051	EA	2 T5 Lamps, 2' x 2', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	614.02	42.35
		For Drywall Or Plaster Ceilings, Add	*28.59*	
26 51 16 00-0052		**2' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture** *(26 51 16 00-0041)*		
26 51 16 00-0053	EA	2 T8 Lamps, 2' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	464.97	49.34
		For Drywall Or Plaster Ceilings, Add	*33.36*	
26 51 16 00-0054	EA	3 T8 Lamps, 2' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	664.73	49.34
		For Drywall Or Plaster Ceilings, Add	*33.36*	
26 51 16 00-0055	EA	4 T8 Lamps, 2' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	671.50	49.34
		For Drywall Or Plaster Ceilings, Add	*33.36*	
26 51 16 00-0056	EA	6 T8 Lamps, 2' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	751.85	49.34
		For Drywall Or Plaster Ceilings, Add	*33.35*	
26 51 16 00-0057	EA	2 T5 Lamps, 2' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	638.80	49.34
		For Drywall Or Plaster Ceilings, Add	*33.36*	
26 51 16 00-0058	EA	3 T5 Lamps, 2' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	889.90	49.34
		For Drywall Or Plaster Ceilings, Add	*33.36*	
26 51 16 00-0059	EA	4 T5 Lamps, 2' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	905.82	49.34
		For Drywall Or Plaster Ceilings, Add	*33.36*	
26 51 16 00-0060		**Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixtures** *(26 51 16 00-0040)*		
26 51 16 00-0061		**1' x 2', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixtures** *(26 51 16 00-0060)*		
26 51 16 00-0062	EA	1 T8 Lamp, 1' x 2', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture	432.78	33.14
		For Drywall Or Plaster Ceilings, Add	*22.40*	
26 51 16 00-0063	EA	2 T8 Lamps, 1' x 2', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture	438.50	33.14
		For Drywall Or Plaster Ceilings, Add	*22.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 16 00-0064	EA	3 T8 Lamps, 1' x 2', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture	518.45	33.14
		For Drywall Or Plaster Ceilings, Add	*22.40*	
26 51 16 00-0065		**1' x 4', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixtures** *(26 51 16 00-0060)*		
26 51 16 00-0066	EA	1 T8 Lamp, 1' x 4', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture	492.66	38.44
		For Drywall Or Plaster Ceilings, Add	*26.21*	
26 51 16 00-0067	EA	2 T8 Lamps, 1' x 4', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture	499.44	38.44
		For Drywall Or Plaster Ceilings, Add	*26.21*	
26 51 16 00-0068	EA	3 T8 Lamps, 1' x 4', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture	567.19	38.44
		For Drywall Or Plaster Ceilings, Add	*26.21*	
26 51 16 00-0069		**2' x 2', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixtures** *(26 51 16 00-0060)*		
26 51 16 00-0070	EA	2 T8 Lamps, 2' x 2', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture	503.61	42.35
		For Drywall Or Plaster Ceilings, Add	*28.60*	
26 51 16 00-0071	EA	3 T8 Lamps, 2' x 2', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture	509.33	42.35
		For Drywall Or Plaster Ceilings, Add	*28.60*	
26 51 16 00-0072	EA	4 T8 Lamps, 2' x 2', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture	588.05	42.35
		For Drywall Or Plaster Ceilings, Add	*28.60*	
26 51 16 00-0073		**2' x 4', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixtures** *(26 51 16 00-0060)*		
26 51 16 00-0074	EA	2 T8 Lamps, 2' x 4', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture	464.97	49.34
		For Drywall Or Plaster Ceilings, Add	*33.36*	
26 51 16 00-0075	EA	3 T8 Lamps, 2' x 4', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture	549.98	49.34
		For Drywall Or Plaster Ceilings, Add	*33.36*	
26 51 16 00-0076	EA	4 T8 Lamps, 2' x 4', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture	630.68	49.34
		For Drywall Or Plaster Ceilings, Add	*33.36*	
26 51 16 00-0077	EA	6 T8 Lamps, 2' x 4', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture	718.46	49.34
		For Drywall Or Plaster Ceilings, Add	*33.36*	
26 51 16 00-0078		**Direct-Indirect, Recessed Fluorescent Fixtures** *(26 51 16 00-0040)*		
26 51 16 00-0079		**1' x 4', Direct-Indirect, Recessed Fluorescent Fixtures** *(26 51 16 00-0078)*		
26 51 16 00-0080	EA	1 T8 Lamp, 1' x 4', Direct-Indirect, Recessed Fluorescent Fixture	958.16	38.44
		For Drywall Or Plaster Ceilings, Add	*26.21*	
26 51 16 00-0081	EA	2 T8 Lamps, 1' x 4', Direct-Indirect, Recessed Fluorescent Fixture	964.94	38.44
		For Drywall Or Plaster Ceilings, Add	*26.21*	
26 51 16 00-0082	EA	1 T5 Lamp, 1' x 4', Direct-Indirect, Recessed Fluorescent Fixture	1,142.85	38.44
		For Drywall Or Plaster Ceilings, Add	*26.21*	
26 51 16 00-0083	EA	2 T5 Lamps, 1' x 4', Direct-Indirect, Recessed Fluorescent Fixture	1,158.77	38.44
		For Drywall Or Plaster Ceilings, Add	*26.21*	
26 51 16 00-0084		**2' x 2', Direct-Indirect, Recessed Fluorescent Fixtures** *(26 51 16 00-0078)*		
26 51 16 00-0085	EA	2 T8 Lamps, 2' x 2', Direct-Indirect, Recessed Fluorescent Fixture	749.16	42.35
		For Drywall Or Plaster Ceilings, Add	*28.59*	
26 51 16 00-0086	EA	3 T8 Lamps, 2' x 2', Direct-Indirect, Recessed Fluorescent Fixture	839.24	42.35
		For Drywall Or Plaster Ceilings, Add	*28.59*	
26 51 16 00-0087	EA	2 T5 Lamps, 2' x 2', Direct-Indirect, Recessed Fluorescent Fixture	1,034.44	42.35
		For Drywall Or Plaster Ceilings, Add	*28.59*	
26 51 16 00-0088		**2' x 4', Direct-Indirect, Recessed Fluorescent Fixtures** *(26 51 16 00-0078)*		
26 51 16 00-0089	EA	2 T8 Lamps, 2' x 4', Direct-Indirect, Recessed Fluorescent Fixture	839.80	49.34
		For Drywall Or Plaster Ceilings, Add	*33.36*	
26 51 16 00-0090	EA	3 T8 Lamps, 2' x 4', Direct-Indirect, Recessed Fluorescent Fixture	1,046.98	49.34
		For Drywall Or Plaster Ceilings, Add	*33.36*	
26 51 16 00-0091	EA	1 T5 Lamp, 2' x 4', Direct-Indirect, Recessed Fluorescent Fixture	1,116.80	49.34
		For Drywall Or Plaster Ceilings, Add	*33.36*	
26 51 16 00-0092	EA	2 T5 Lamps, 2' x 4', Direct-Indirect, Recessed Fluorescent Fixture	1,228.66	49.34
		For Drywall Or Plaster Ceilings, Add	*33.36*	
26 51 16 00-0093		**Volumetric, Recessed Fluorescent Fixtures** *(26 51 16 00-0040)*		
26 51 16 00-0094		**1' x 4', Volumetric, Recessed Fluorescent Fixtures** *(26 51 16 00-0093)*		
26 51 16 00-0095	EA	2 T8 Lamps, 1' x 4', Volumetric, Recessed Fluorescent Fixture	741.09	38.44
		For Drywall Or Plaster Ceilings, Add	*26.21*	
26 51 16 00-0096	EA	2 T5 Lamps, 1' x 4', Volumetric, Recessed Fluorescent Fixture	993.25	38.44
		For Drywall Or Plaster Ceilings, Add	*26.21*	
26 51 16 00-0097		**2' x 2', Volumetric, Recessed Fluorescent Fixtures** *(26 51 16 00-0093)*		
26 51 16 00-0098	EA	2 T8 Lamps, 2' x 2', Volumetric, Recessed Fluorescent Fixture	736.30	42.35
		For Drywall Or Plaster Ceilings, Add	*28.59*	
26 51 16 00-0099	EA	2 T5 Lamps, 2' x 2', Volumetric, Recessed Fluorescent Fixture	849.05	42.35
		For Drywall Or Plaster Ceilings, Add	*28.59*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 16 00-0100		2' x 4', Volumetric, Recessed Fluorescent Fixtures *(26 51 16 00-0093)*		
26 51 16 00-0101	EA	2 T8 Lamps, 2' x 4', Volumetric, Recessed Fluorescent Fixture	816.58	49.34
		For Drywall Or Plaster Ceilings, Add	*33.36*	
26 51 16 00-0102	EA	2 T5 Lamps, 2' x 4', Volumetric, Recessed Fluorescent Fixture	818.46	49.34
		For Drywall Or Plaster Ceilings, Add	*33.36*	
26 51 16 00-0103		Wet Location, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixtures *(26 51 16 00-0040)*		
26 51 16 00-0104		1' x 4', Wet Location, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixtures *(26 51 16 00-0103)*		
26 51 16 00-0105	EA	2 T8 Lamps, 1' x 4', Wet Location, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture	684.82	38.44
		For Drywall Or Plaster Ceilings, Add	*26.21*	
26 51 16 00-0106		2' x 2', Wet Location, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixtures *(26 51 16 00-0103)*		
26 51 16 00-0107	EA	2 T8 Lamps, 2' x 2', Wet Location, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture	652.48	42.35
		For Drywall Or Plaster Ceilings, Add	*28.59*	
26 51 16 00-0108		2' x 4', Wet Location, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixtures *(26 51 16 00-0103)*		
26 51 16 00-0109	EA	2 T8 Lamps, 2' x 4', Wet Location, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture	792.11	49.34
		For Drywall Or Plaster Ceilings, Add	*33.36*	
26 51 16 00-0110	EA	3 T8 Lamps, 2' x 4', Wet Location, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture	611.34	49.34
		For Drywall Or Plaster Ceilings, Add	*33.36*	
26 51 16 00-0111	EA	4 T8 Lamps, 2' x 4', Wet Location, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture	912.99	49.34
		For Drywall Or Plaster Ceilings, Add	*33.36*	
26 51 16 00-0112		Vandal Resistant, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixtures *(26 51 16 00-0040)*		
26 51 16 00-0113		1' x 4', Vandal Resistant, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixtures *(26 51 16 00-0112)*		
26 51 16 00-0114	EA	2 T8 Lamps, 1' x 4', Vandal Resistant, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture	650.56	38.44
		For Drywall Or Plaster Ceilings, Add	*26.21*	
26 51 16 00-0115		2' x 2', Vandal Resistant, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixtures *(26 51 16 00-0112)*		
26 51 16 00-0116	EA	2 T8 Lamps, 2' x 2', Vandal Resistant, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture	651.66	42.35
		For Drywall Or Plaster Ceilings, Add	*28.59*	
26 51 16 00-0117		2' x 4', Vandal Resistant, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixtures *(26 51 16 00-0112)*		
26 51 16 00-0118	EA	2 T8 Lamps, 2' x 4', Vandal Resistant, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture	811.34	49.34
		For Drywall Or Plaster Ceilings, Add	*33.36*	
26 51 16 00-0119	EA	3 T8 Lamps, 2' x 4', Vandal Resistant, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture	824.79	49.34
		For Drywall Or Plaster Ceilings, Add	*33.36*	
26 51 16 00-0120	EA	4 T8 Lamps, 2' x 4', Vandal Resistant, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture	845.75	49.34
		For Drywall Or Plaster Ceilings, Add	*33.36*	
26 51 16 00-0121		Striplight Fluorescent Fixtures *(26 51 16 00-0001)*		
26 51 16 00-0122		1 Lamp Cross Section, Striplight Fluorescent Fixtures *(26 51 16 00-0121)*		
26 51 16 00-0123	EA	1-1/2' Length, 1 T8 Lamp, Striplight Fluorescent Fixture	264.71	31.76
26 51 16 00-0124	EA	2' Length, 1 T8 Lamp, Striplight Fluorescent Fixture	330.46	31.76
26 51 16 00-0125	EA	3' Length, 1 T8 Lamp, Striplight Fluorescent Fixture	321.99	35.26
26 51 16 00-0126	EA	4' Length, 1 T8 Lamp, Striplight Fluorescent Fixture	327.26	38.75
26 51 16 00-0127	EA	8' Length, 1 T8 Lamp, Striplight Fluorescent Fixture	400.91	45.90
26 51 16 00-0128		2 Lamp Cross Section, Striplight Fluorescent Fixtures *(26 51 16 00-0121)*		
26 51 16 00-0129	EA	2' Length, 2 T8 Lamps, Striplight Fluorescent Fixture	326.62	35.26
26 51 16 00-0130	EA	3' Length, 2 T8 Lamps, Striplight Fluorescent Fixture	334.09	38.75
26 51 16 00-0131	EA	4' Length, 2 T8 Lamps, Striplight Fluorescent Fixture	339.32	42.35
26 51 16 00-0132		3 Lamp Cross Section, Striplight Fluorescent Fixtures *(26 51 16 00-0121)*		
26 51 16 00-0133	EA	2' Length, 3 T8 Lamps, Striplight Fluorescent Fixture	491.93	35.26
26 51 16 00-0134	EA	3' Length, 3 T8 Lamps, Striplight Fluorescent Fixture	470.80	38.75
26 51 16 00-0135	EA	4' Length, 3 T8 Lamps, Striplight Fluorescent Fixture	476.01	42.35
26 51 16 00-0136		Industrial Fluorescent Fixtures *(26 51 16 00-0001)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 16 00-0137		**1 Lamp Cross Section, Industrial Fluorescent Fixtures** *(26 51 16 00-0136)*		
26 51 16 00-0138	EA	2' Length, 1 T8 Lamp, Industrial Fluorescent Fixture	393.55	31.76
26 51 16 00-0139	EA	4' Length, 1 T8 Lamp, Industrial Fluorescent Fixture	412.42	38.75
26 51 16 00-0140	EA	8' Length, 1 T8 Lamp, Industrial Fluorescent Fixture	776.70	49.34
26 51 16 00-0141		**2 Lamp Cross Section, Industrial Fluorescent Fixtures** *(26 51 16 00-0136)*		
26 51 16 00-0142	EA	2' Length, 2 T8 Lamps, Industrial Fluorescent Fixture	404.56	35.26
26 51 16 00-0143	EA	4' Length, 2 T8 Lamps, Industrial Fluorescent Fixture	424.51	42.35
26 51 16 00-0144	EA	8' Length, 2 T8 Lamps, Industrial Fluorescent Fixture	790.25	49.34
26 51 16 00-0145		**3 Lamp Cross Section, Industrial Fluorescent Fixtures** *(26 51 16 00-0136)*		
26 51 16 00-0146	EA	2' Length, 3 T8 Lamps, Industrial Fluorescent Fixture	421.41	35.26
26 51 16 00-0147	EA	4' Length, 3 T8 Lamps, Industrial Fluorescent Fixture	439.64	42.35
26 51 16 00-0148	EA	8' Length, 3 T8 Lamps, Industrial Fluorescent Fixture	677.62	49.34
26 51 16 00-0149		**4 Lamp Cross Section, Industrial Fluorescent Fixtures** *(26 51 16 00-0136)*		
26 51 16 00-0150	EA	4' Length, 4 T8 Lamps, Industrial Fluorescent Fixture	616.76	42.35
26 51 16 00-0151	EA	8' Length, 4 T8 Lamps, Industrial Fluorescent Fixture	913.85	49.34
26 51 16 00-0152		**Undercabinet Fluorescent Fixtures** *(26 51 16 00-0001)*		
26 51 16 00-0153	EA	1 T5 Lamp, 12-3/16" Length, Slimline Undercabinet Fluorescent Fixture	202.04	28.59
26 51 16 00-0154	EA	1 T5 Lamp, 21-3/16" Length, Slimline Undercabinet Fluorescent Fixture	233.99	34.94
26 51 16 00-0155	EA	2 T5 Lamps, 24-7/16" Length, Slimline Undercabinet Fluorescent Fixture	229.76	34.94
26 51 16 00-0156	EA	1 T5 Lamp, 33-7/16" Length, Slimline Undercabinet Fluorescent Fixture	280.71	38.12
26 51 16 00-0157	EA	2 T5 Lamps, 42-7/16" Length, Slimline Undercabinet Fluorescent Fixture	326.22	44.47
26 51 16 00-0158		**Corner Mounted, Fluorescent Fixtures** *(26 51 16 00-0001)* Note: Includes acrylic drop dish diffuser.		
26 51 16 00-0159		**2' Length, Corner Mounted, Fluorescent Fixtures** *(26 51 16 00-0158)*		
26 51 16 00-0160	EA	1 T8 Lamp, 2' Length, Corner Mounted, Fluorescent Fixture	255.33	31.76
26 51 16 00-0161	EA	2 T8 Lamps, 2' Length, Corner Mounted, Fluorescent Fixture	285.35	31.76
26 51 16 00-0162		**3' Length, Corner Mounted, Fluorescent Fixtures** *(26 51 16 00-0158)*		
26 51 16 00-0163	EA	1 T8 Lamp, 3' Length, Corner Mounted, Fluorescent Fixture	291.97	33.36
26 51 16 00-0164	EA	2 T8 Lamps, 3' Length, Corner Mounted, Fluorescent Fixture	320.63	33.36
26 51 16 00-0165		**4' Length, Corner Mounted, Fluorescent Fixtures** *(26 51 16 00-0158)*		
26 51 16 00-0166	EA	1 T8 Lamp, 4' Length, Corner Mounted, Fluorescent Fixture	287.57	34.94
26 51 16 00-0167	EA	2 T8 Lamps, 4' Length, Corner Mounted, Fluorescent Fixture	317.32	34.94
26 51 16 00-0168		**Wall Bracket, Fluorescent Fixtures** *(26 51 16 00-0001)*		
26 51 16 00-0169		**Wall Bracket, Fluorescent Fixtures (Lithonia W)** *(26 51 16 00-0168)* Note: Includes extruded aluminum housing with brushed finish, acrylic diffuser and solid-state electronic ballast.		
26 51 16 00-0170		**2' Length, Wall Bracket, Fluorescent Fixtures (Lithonia W)** *(26 51 16 00-0169)*		
26 51 16 00-0171	EA	1 T8 Lamp, 2' Length, Wall Bracket, Fluorescent Fixture (Lithonia W)	240.48	53.31
26 51 16 00-0172	EA	2 T8 Lamps, 2' Length, Wall Bracket, Fluorescent Fixture (Lithonia W)	245.35	53.31
26 51 16 00-0173		**3' Length, Wall Bracket, Fluorescent Fixtures (Lithonia W)** *(26 51 16 00-0169)*		
26 51 16 00-0174	EA	1 T8 Lamp, 3' Length, Wall Bracket, Fluorescent Fixture (Lithonia W)	314.80	53.31
26 51 16 00-0175	EA	2 T8 Lamps, 3' Length, Wall Bracket, Fluorescent Fixture (Lithonia W)	321.61	53.31
26 51 16 00-0176		**4' Length, Wall Bracket, Fluorescent Fixtures (Lithonia W)** *(26 51 16 00-0169)*		
26 51 16 00-0177	EA	1 T8 Lamp, 4' Length, Wall Bracket, Fluorescent Fixture (Lithonia W)	326.29	53.31
26 51 16 00-0178	EA	2 T8 Lamps, 4' Length, Wall Bracket, Fluorescent Fixture (Lithonia W)	331.17	53.31
26 51 16 00-0179		**Wall Bracket, Fluorescent Fixtures (Lithonia WP)** *(26 51 16 00-0168)* Note: Includes 20 gauge steel housing with baked finish, acrylic diffuser and solid-state electronic ballast.		
26 51 16 00-0180		**2' Length, Wall Bracket, Fluorescent Fixtures (Lithonia WP)** *(26 51 16 00-0179)*		
26 51 16 00-0181	EA	1 T8 Lamp, 2' Length, Wall Bracket, Fluorescent Fixture (Lithonia WP)	665.74	53.31
26 51 16 00-0182	EA	2 T8 Lamps, 2' Length, Wall Bracket, Fluorescent Fixture (Lithonia WP)	670.62	53.31
26 51 16 00-0183		**3' Length, Wall Bracket, Fluorescent Fixtures (Lithonia WP)** *(26 51 16 00-0179)*		
26 51 16 00-0184	EA	1 T8 Lamp, 3' Length, Wall Bracket, Fluorescent Fixture (Lithonia WP)	519.27	53.31
26 51 16 00-0185	EA	2 T8 Lamps, 3' Length, Wall Bracket, Fluorescent Fixture (Lithonia WP)	526.08	53.31

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 16 00-0186		**4' Length, Wall Bracket, Fluorescent Fixtures (Lithonia WP)** *(26 51 16 00-0179)*		
26 51 16 00-0187	EA	1 T8 Lamp, 4' Length, Wall Bracket, Fluorescent Fixture (Lithonia WP)	602.27	53.31
26 51 16 00-0188	EA	2 T8 Lamps, 4' Length, Wall Bracket, Fluorescent Fixture (Lithonia WP)	607.15	53.31
26 51 16 00-0189		**Wall Bracket, Fluorescent Fixtures (Lithonia WC)** *(26 51 16 00-0168)*		
		Note: Includes 20 gauge steel housing with baked finish, acrylic diffuser and solid-state electronic ballast.		
26 51 16 00-0190		**2' Length, Wall Bracket, Fluorescent Fixtures (Lithonia WC)** *(26 51 16 00-0189)*		
26 51 16 00-0191	EA	1 T8 Lamp, 2' Length, Wall Bracket, Fluorescent Fixture (Lithonia WC)	229.81	53.31
26 51 16 00-0192	EA	2 T8 Lamps, 2' Length, Wall Bracket, Fluorescent Fixture (Lithonia WC)	234.69	53.31
26 51 16 00-0193		**3' Length, Wall Bracket, Fluorescent Fixtures (Lithonia WC)** *(26 51 16 00-0189)*		
26 51 16 00-0194	EA	1 T8 Lamp, 3' Length, Wall Bracket, Fluorescent Fixture (Lithonia WC)	231.75	53.31
26 51 16 00-0195	EA	2 T8 Lamps, 3' Length, Wall Bracket, Fluorescent Fixture (Lithonia WC)	238.55	53.31
26 51 16 00-0196		**4' Length, Wall Bracket, Fluorescent Fixtures (Lithonia WC)** *(26 51 16 00-0189)*		
26 51 16 00-0197	EA	1 T8 Lamp, 4' Length, Wall Bracket, Fluorescent Fixture (Lithonia WC)	221.64	53.31
26 51 16 00-0198	EA	2 T8 Lamps, 4' Length, Wall Bracket, Fluorescent Fixture (Lithonia WC)	226.52	53.31
26 51 16 00-0199		**Low Occupancy, Industrial Fluorescent Fixtures** *(26 51 16 00-0001)*		
26 51 16 00-0200	EA	1 T8 Lamp, 4' Length, Bi-Level Illumination, Industrial Fluorescent Fixture With Integral Occupancy Sensor (Deco SMART™ DSBL-CP)	280.35	38.75
26 51 16 00-0201	EA	2 T8 Lamps, 4' Length, Bi-Level Illumination, Industrial Fluorescent Fixture With Integral Occupancy Sensor (Deco SMART™ DSBL-CP)	285.65	42.35
26 51 16 00-0202		**Ceiling Mounted Fluorescent Fixtures** *(26 51 16)*		
26 51 16 00-0203		**Ceiling Mounted, Compact Fluorescent/Incandescent Fixtures** *(26 51 16 00-0202)*		
26 51 16 00-0204		**Glass Globe, Compact Fluorescent/Incandescent Fixtures** *(26 51 16 00-0203)*		
26 51 16 00-0205	EA	6" Diameter, Ceiling Mounted, Glass Globe, Compact Fluorescent/Incandescent Fixture	207.89	46.36
26 51 16 00-0206	EA	9" Diameter, Ceiling Mounted, Mushroom Style Glass Globe, Compact Fluorescent/Incandescent Fixture	255.21	46.36
26 51 16 00-0207		**Ceiling Mounted, Circline Fluorescent Fixtures** *(26 51 16 00-0202)*		
26 51 16 00-0208		**Exposed Lamps, Circline Fluorescent Fixtures** *(26 51 16 00-0207)*		
26 51 16 00-0209	EA	8-1/2" Diameter, Ceiling Mounted, Exposed Lamps, Circline Fluorescent Fixture	166.09	46.36
26 51 16 00-0210	EA	12" Diameter, Ceiling Mounted, Exposed Lamps, Circline Fluorescent Fixture	183.86	46.36
26 51 16 00-0211		**Low Profile Acrylic Diffuser, Circline Fluorescent Fixtures** *(26 51 16 00-0207)*		
26 51 16 00-0212	EA	11" Diameter, Ceiling Mounted, Low Profile Acrylic Diffuser, Circline Fluorescent Fixture	270.61	46.36
26 51 16 00-0213	EA	14" Diameter, Ceiling Mounted, Low Profile Acrylic Diffuser, Circline Fluorescent Fixture	400.88	46.36
26 51 16 00-0214	EA	19" Diameter, Ceiling Mounted, Low Profile Acrylic Diffuser, Circline Fluorescent Fixture	491.14	46.36
26 51 16 00-0215	EA	12" Square, Ceiling Mounted, Low Profile Acrylic Diffuser, Circline Fluorescent Fixture	312.81	46.36
26 51 16 00-0216	EA	15" Square, Ceiling Mounted, Low Profile Acrylic Diffuser, Circline Fluorescent Fixture	403.55	46.36
26 51 16 00-0217	EA	19" Square, Ceiling Mounted, Low Profile Acrylic Diffuser, Circline Fluorescent Fixture	491.14	46.36
26 51 16 00-0218		**Ceiling Mounted, Double Twin Tube Compact Fluorescent Fixtures** *(26 51 16 00-0202)*		
26 51 16 00-0219		**Low Profile Acrylic Diffuser, Double Twin Tube Compact Fluorescent Fixtures** *(26 51 16 00-0218)*		
26 51 16 00-0220	EA	11" Diameter, Ceiling Mounted, Low Profile Acrylic Diffuser, Double Twin Tube Compact Fluorescent Fixture	274.90	46.36
26 51 16 00-0221	EA	14" Diameter, Ceiling Mounted, Low Profile Acrylic Diffuser, Double Twin Tube Compact Fluorescent Fixture	369.89	46.36
26 51 16 00-0222	EA	19" Diameter, Ceiling Mounted, Low Profile Acrylic Diffuser, Double Twin Tube Compact Fluorescent Fixture	450.98	46.36
26 51 16 00-0223	EA	12" Square, Ceiling Mounted, Low Profile Acrylic Diffuser, Double Twin Tube Compact Fluorescent Fixture	213.87	46.36
26 51 16 00-0224	EA	15" Square, Ceiling Mounted, Low Profile Acrylic Diffuser, Double Twin Tube Compact Fluorescent Fixture	263.56	46.36
26 51 16 00-0225	EA	19" Square, Ceiling Mounted, Low Profile Acrylic Diffuser, Double Twin Tube Compact Fluorescent Fixture	357.72	46.36
26 51 16 00-0226		**Pendant Mounted, Compact Fluorescent/Incandescent Downlights** *(26 51 16 00-0202)*		
26 51 16 00-0227		**Pendant Mounted, Compact Fluorescent/Incandescent Open Reflector Downlights** *(26 51 16 00-0226)*		
26 51 16 00-0228	EA	6" Diameter, Pendant Mounted, Open Reflector Compact Fluorescent/Incandescent Downlight	461.25	38.09
26 51 16 00-0229		**Pendant Mounted, Compact Fluorescent/Incandescent Downlights With Baffle** *(26 51 16 00-0226)*		
26 51 16 00-0230	EA	6" Diameter, Pendant Mounted, Compact Fluorescent/Incandescent Downlight With Baffle	533.28	38.09
26 51 16 00-0231	EA	8" Diameter, Pendant Mounted, Compact Fluorescent/Incandescent Downlight With Baffle	765.68	38.09

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26 51 16 00-0232		**Fluorescent, Recessed Fixture Housings** *(26 51 16)*		
26 51 16 00-0233	EA	4" Round, Fluorescent, T Or ICT Recessed Fixture Housing	135.92	33.15
		For ICAT Housing, Add	*11.10*	
26 51 16 00-0234	EA	5" Round, Fluorescent, T Or ICT Recessed Fixture Housing	140.61	33.15
		For ICAT Housing, Add	*11.71*	
26 51 16 00-0235	EA	6" Round, Fluorescent, T Or ICT Recessed Fixture Housing	146.49	34.66
		For ICAT Housing, Add	*12.17*	
26 51 16 00-0236	EA	7" Round, Fluorescent, T Or ICT Recessed Fixture Housing	153.96	35.93
		For ICAT Housing, Add	*12.83*	
26 51 16 00-0237	EA	8" Round, Fluorescent, T Or ICT Recessed Fixture Housing	160.47	37.79
		For ICAT Housing, Add	*13.37*	
26 51 16 00-0238	EA	10" To 12" Square, Fluorescent, T Or ICT Recessed Fixture Housing	166.08	40.10
		For ICAT Housing, Add	*13.65*	
26 51 16 00-0239		**Compact Fluorescent, Recessed Fixture Housings** *(26 51 16)*		
26 51 16 00-0240	EA	4" Round, Compact Fluorescent, T Or ICT Recessed Fixture Housing	156.10	33.15
		For ICAT Housing, Add	*13.71*	
26 51 16 00-0241	EA	5" Round, Compact Fluorescent, T Or ICT Recessed Fixture Housing	160.72	33.15
		For ICAT Housing, Add	*14.30*	
26 51 16 00-0242	EA	6" Round, Compact Fluorescent, T Or ICT Recessed Fixture Housing	166.74	34.77
		For ICAT Housing, Add	*14.78*	
26 51 16 00-0243	EA	7" Round, Compact Fluorescent, T Or ICT Recessed Fixture Housing	171.56	36.27
		For ICAT Housing, Add	*15.10*	
26 51 16 00-0244	EA	8" Round, Compact Fluorescent, T Or ICT Recessed Fixture Housing	177.12	37.79
		For ICAT Housing, Add	*15.52*	
26 51 16 00-0245	EA	10" To 12" Round, Compact Fluorescent, T Or ICT Recessed Fixture Housing	182.38	40.10
		For ICAT Housing, Add	*15.75*	
26 51 16 00-0246		**Fluorescent Track Lighting Fixtures** *(26 51 16)*		
26 51 16 00-0247	EA	2L 18W BX Track Fixture, Electronic Ballast Note: White or Black Finish, 120V.	295.75	19.35
26 51 16 00-0248	EA	2L 39W BX Track Fixture, Electronic Ballast Note: White or Black Finish, 120V.	304.51	19.35
26 51 16 00-0249	EA	2L 40W BX Track Fixture, Electronic Ballast Note: White or Black Finish, 120V.	309.98	19.35
26 51 16 00-0250	EA	2L 50W BX Track Fixture, Electronic Ballast Note: White or Black Finish, 120V.	193.24	19.35
26 51 16 00-0251	EA	2L, 55 Watt BX Track Fixture, Electronic Ballast Note: White or Black Finish, 120V.	331.68	19.35
26 51 16 00-0252		**Compact Fluorescent Track Lighting Fixtures** *(26 51 16)*		
26 51 16 00-0253	EA	Compact Fluorescent Track Lighting Fixture	100.14	19.35
26 51 16 00-0254		**Compact Fluorescent, Wet Location, Dust Resistant, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixtures** *(26 51 16)*		
26 51 16 00-0255	EA	13 Watt Compact Fluorescent, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture	137.45	46.36
		For Wall Mounted, Add	*6.02*	
26 51 16 00-0256	EA	22 Watt Compact Fluorescent, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture	141.08	46.36
		For Wall Mounted, Add	*6.02*	
26 51 16 00-0257	EA	28 Watt Compact Fluorescent, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture	150.04	46.36
		For Wall Mounted, Add	*6.02*	
26 51 16 00-0258		**Wet Location, Dust Resistant, Vapor Tight, Enclosed And Gasketed, Industrial Fluorescent Fixtures** *(26 51 16)*		
26 51 16 00-0259		**4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixtures** *(26 51 16 00-0258)*		
26 51 16 00-0260		**4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixtures (Lithonia DMW)** *(26 51 16 00-0259)* Note: Includes high impact acrylic molded lens.		
26 51 16 00-0261	EA	1 T8 Lamp, 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Lithonia DMW)	313.92	49.34
		For T5 Fixture Instead Of T8, Add	*27.46*	
26 51 16 00-0262	EA	2 T8 Lamps, 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Lithonia DMW)	329.58	49.34
		For T5 Fixture Instead Of T8, Add	*29.25*	
26 51 16 00-0263	EA	3 T8 Lamps, 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Lithonia DMW)	521.44	49.34
		For T5 Fixture Instead Of T8, Add	*51.22*	
26 51 16 00-0264	EA	1 T8HO Lamp, 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Lithonia DMW)	448.17	49.34
26 51 16 00-0265	EA	2 T8HO Lamps, 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Lithonia DMW)	726.96	49.34
26 51 16 00-0266		**4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixtures (Day-Brite V2W)** *(26 51 16 00-0259)* Note: Includes high impact acrylic molded lens.		
26 51 16 00-0267	EA	1 T8 Lamp, 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Day-Brite V2W)	362.64	49.34

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26 51 16 00-0268	EA	2 T8 Lamp, 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Day-Brite V2W)	367.40	49.34
26 51 16 00-0269	EA	3 T8 Lamp, 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Day-Brite V2W)	538.93	49.34
26 51 16 00-0270	EA	1 T8HO Lamp, 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Day-Brite V2W)	443.96	49.34
26 51 16 00-0271	EA	2 T8HO Lamp, 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Day-Brite V2W)	464.43	49.34
26 51 16 00-0272		8' Length, Enclosed And Gasketed, Industrial Fluorescent Fixtures *(26 51 16 00-0258)*		
		Note: Includes high impact acrylic molded lens.		
26 51 16 00-0273		8' Length, Enclosed And Gasketed, Industrial Fluorescent Fixtures (Lithonia TDMW) *(26 51 16 00-0272)*		
		Note: Includes high impact acrylic molded lens.		
26 51 16 00-0274	EA	2 T8 Lamps, 8' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Lithonia TDMW)	597.40	67.03
		For T5 Fixture Instead Of T8, Add	*56.88*	
26 51 16 00-0275	EA	4 T8 Lamps, 8' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Lithonia TDMW)	622.08	67.03
		For T5 Fixture Instead Of T8, Add	*59.71*	
26 51 16 00-0276		High Bay Fluorescent Fixtures *(26 51 16)*		
26 51 16 00-0277		(T8) Fluorescent, High Bay Fixtures *(26 51 16 00-0276)*		
26 51 16 00-0278		(T8) Fluorescent, High Bay Fixtures (Lithonia) *(26 51 16 00-0277)*		
		Note: For 8' fixture, use two (2) 4' fixtures.		
26 51 16 00-0279	EA	2 T8 Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia FGB)	501.14	108.00
		For Wire Guard, Add	*40.50*	
		For Polycarbonate Lens, Add	*47.75*	
		For Acrylic Lens, Add	*54.00*	
26 51 16 00-0280	EA	3 T8 Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia FGB)	524.29	119.66
		For Wire Guard, Add	*40.50*	
		For Polycarbonate Lens, Add	*47.75*	
		For Acrylic Lens, Add	*54.00*	
26 51 16 00-0281	EA	4 T8 Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia FGB)	594.17	136.59
		For Wire Guard, Add	*40.50*	
		For Polycarbonate Lens, Add	*47.75*	
		For Acrylic Lens, Add	*54.00*	
26 51 16 00-0282	EA	6 T8 Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia FGB)	715.83	143.90
		For Wire Guard, Add	*40.50*	
		For Polycarbonate Lens, Add	*47.75*	
		For Acrylic Lens, Add	*54.00*	
26 51 16 00-0283	EA	8 T8 Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia FGB)	779.87	150.57
		For Wire Guard, Add	*40.50*	
		For Polycarbonate Lens, Add	*47.75*	
		For Acrylic Lens, Add	*54.00*	
26 51 16 00-0284	EA	4 T8 Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia IBZ)	437.06	136.59
		For Wire Guard, Add	*40.50*	
		For Polycarbonate Lens, Add	*47.75*	
		For Acrylic Lens, Add	*54.00*	
26 51 16 00-0285	EA	6 T8 Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia IBZ)	461.19	143.90
		For Wire Guard, Add	*40.50*	
		For Polycarbonate Lens, Add	*47.75*	
		For Acrylic Lens, Add	*54.00*	
26 51 16 00-0286	EA	8 T8 Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia IBZ)	528.91	150.57
		For Wire Guard, Add	*40.50*	
		For Polycarbonate Lens, Add	*47.75*	
		For Acrylic Lens, Add	*54.00*	
26 51 16 00-0287		(T5HO) Fluorescent, High Bay Fixtures *(26 51 16 00-0276)*		
26 51 16 00-0288		(T5HO) Fluorescent, High Bay Fixtures (Lithonia) *(26 51 16 00-0287)*		
		Note: For 8' fixture, use two (2) 4' fixtures.		
26 51 16 00-0289	EA	2 T5HO Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia FGB)	505.66	108.00
		For Wire Guard, Add	*40.50*	
		For Polycarbonate Lens, Add	*47.75*	
		For Acrylic Lens, Add	*54.00*	
26 51 16 00-0290	EA	3 T5HO Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia FGB)	528.31	119.66
		For Wire Guard, Add	*40.50*	
		For Polycarbonate Lens, Add	*47.75*	
		For Acrylic Lens, Add	*54.00*	
26 51 16 00-0291	EA	4 T5HO Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia FGB)	601.45	136.59
		For Wire Guard, Add	*40.50*	
		For Polycarbonate Lens, Add	*47.75*	
		For Acrylic Lens, Add	*54.00*	
26 51 16 00-0292	EA	6 T5HO Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia FGB)	731.84	143.90
		For Wire Guard, Add	*40.50*	
		For Polycarbonate Lens, Add	*47.75*	
		For Acrylic Lens, Add	*54.00*	
26 51 16 00-0293	EA	4 T5HO Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia IBZ)	459.09	136.59
		For Wire Guard, Add	*40.50*	
		For Polycarbonate Lens, Add	*47.75*	
		For Acrylic Lens, Add	*54.00*	
26 51 16 00-0294	EA	6 T5HO Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia IBZ)	506.37	143.90
		For Wire Guard, Add	*40.50*	
		For Polycarbonate Lens, Add	*47.75*	
		For Acrylic Lens, Add	*54.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 16 00-0295	EA	8 T5HO Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia IBZ)	591.82	150.57
		For Wire Guard, Add	*40.50*	
		For Polycarbonate Lens, Add	*47.75*	
		For Acrylic Lens, Add	*54.00*	

26 51 19 LED Interior Lighting *(26 51)*

26 51 19 00-0001 LED Fixtures *(26 51 19)*

26 51 19 00-0002 Undercabinet LED Fixtures *(26 51 19 00-0001)*

26 51 19 00-0003	EA	12" Length, Undercabinet/Modular General Purpose LED Fixture (Lithonia RAZ12-M6)	136.03	28.59
		For >50 To 100, Deduct	*-4.59*	
		For >100 To 250, Deduct	*-7.99*	
		For >250 To 500, Deduct	*-13.60*	
		For >500, Deduct	*-19.21*	
26 51 19 00-0004	EA	18" Length, Undercabinet/Modular General Purpose LED Fixture (Lithonia RAZ18-M6)	168.39	34.94
		For >50 To 100, Deduct	*-5.67*	
		For >100 To 250, Deduct	*-9.88*	
		For >250 To 500, Deduct	*-16.84*	
		For >500, Deduct	*-23.80*	
26 51 19 00-0005	EA	24" Length, Undercabinet/Modular General Purpose LED Fixture (Lithonia RAZ24-M6)	169.57	34.94
		For >50 To 100, Deduct	*-5.70*	
		For >100 To 250, Deduct	*-9.93*	
		For >250 To 500, Deduct	*-16.96*	
		For >500, Deduct	*-23.98*	
26 51 19 00-0006	EA	24" HIDE-A-LITE V Series LED Undercabinet Fixture (Progress Lighting P700003-028-30)	160.90	28.59
		For >50 To 100, Deduct	*-5.21*	
		For >100 To 250, Deduct	*-9.24*	
		For >250 To 500, Deduct	*-16.09*	
		For >500, Deduct	*-22.94*	

26 51 19 00-0007 Surface Mount Linear/Striplight LED Fixtures *(26 51 19 00-0001)*

26 51 19 00-0008 Striplight LED Fixtures (Lithonia ZL) *(26 51 19 00-0007)*

26 51 19 00-0009	EA	3,000 Lumens, 2' Length, LED Striplight Fixture (Lithonia ZL1)	204.52	31.76
		For >50 To 100, Deduct	*-6.30*	
		For >100 To 250, Deduct	*-11.42*	
		For >250 To 500, Deduct	*-20.45*	
		For >500, Deduct	*-29.49*	
26 51 19 00-0010	EA	2,800 Lumens, 4' Length, LED Striplight Fixture (Lithonia ZL1)	215.11	38.75
		For >50 To 100, Deduct	*-6.83*	
		For >100 To 250, Deduct	*-12.21*	
		For >250 To 500, Deduct	*-21.51*	
		For >500, Deduct	*-30.81*	
26 51 19 00-0011	EA	1,400 Lumens, 2' Length, Lensed LED Striplight Fixture (Lithonia ZL2)	234.33	31.76
		For >50 To 100, Deduct	*-7.05*	
		For >100 To 250, Deduct	*-12.91*	
		For >250 To 500, Deduct	*-23.43*	
		For >500, Deduct	*-33.96*	
26 51 19 00-0012	EA	2,300 Lumens, 4' Length, Lensed LED Striplight Fixture (Lithonia ZL2)	244.92	38.75
		For >50 To 100, Deduct	*-7.58*	
		For >100 To 250, Deduct	*-13.70*	
		For >250 To 500, Deduct	*-24.49*	
		For >500, Deduct	*-35.28*	
26 51 19 00-0013	EA	4,600 Lumens, 4' Length, Lensed LED Striplight Fixture (Lithonia ZL2)	305.39	38.75
		For >50 To 100, Deduct	*-9.09*	
		For >100 To 250, Deduct	*-16.73*	
		For >250 To 500, Deduct	*-30.54*	
		For >500, Deduct	*-44.35*	

26 51 19 00-0014 Striplight LED Fixtures (Mobern) *(26 51 19 00-0007)*

26 51 19 00-0015	EA	1,100 Lumens, 12 Watt, 2' Length, Chrome, LED Bracket Fixture (Mobern 7924LED12DMV30)	218.09	31.76
		For >50 To 100, Deduct	*-6.64*	
		For >100 To 250, Deduct	*-12.10*	
		For >250 To 500, Deduct	*-21.81*	
		For >500, Deduct	*-31.52*	

26 51 19 00-0016 Striplight LED Fixtures (Eaton) *(26 51 19 00-0007)*

26 51 19 00-0017	EA	2,301 Lumens, 18 Watt, 4' Length, LED Strip Lighting (Eaton Lighting 4SNLED-LD4-22SL-LC-UNV-L840-CD1-U)	277.50	38.75
		For >50 To 100, Deduct	*-8.39*	
		For >100 To 250, Deduct	*-15.33*	
		For >250 To 500, Deduct	*-27.75*	
		For >500, Deduct	*-40.17*	
26 51 19 00-0018	EA	2,382 Lumens, 16 Watt, 4' Length, LED Clear Lensed Striplight (Cooper Industries 4SNLED-LD5-22SL-LC-UNV-L840-CD1-U)	261.51	38.75
		For >50 To 100, Deduct	*-7.99*	
		For >100 To 250, Deduct	*-14.53*	
		For >250 To 500, Deduct	*-26.15*	
		For >500, Deduct	*-37.77*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0019	EA	2,382 Lumens, 16 Watt, 4' Length, Clear Lens, LED Striplight (Cooper Industries Metalux Series 4SNLED-LD5-22SL-LC-UNV-830-CD1-U)	277.50	38.75
		For >50 To 100, Deduct	*-8.39*	
		For >100 To 250, Deduct	*-15.33*	
		For >250 To 500, Deduct	*-27.75*	
		For >500, Deduct	*-40.17*	

26 51 19 00-0020 Lay-In/Troffer LED Fixtures *(26 51 19 00-0001)*

26 51 19 00-0021 Prismatic Lensed, Lay-In/Troffer LED Fixtures *(26 51 19 00-0020)*

26 51 19 00-0022 Prismatic Lensed, Lay-In/Troffer LED Fixtures (Lithonia) *(26 51 19 00-0021)*

26 51 19 00-0023	EA	1' x 4', 4,300 Lumens, Prismatic Lensed, Lay-In/Troffer LED Fixture (Lithonia TL4)	591.15	38.44
		For Drywall Or Plaster Ceilings With Frame Kit, Add	*44.12*	
		For >50 To 100, Deduct	*-16.23*	
		For >100 To 250, Deduct	*-31.01*	
		For >250 To 500, Deduct	*-59.12*	
		For >500, Deduct	*-87.22*	
26 51 19 00-0024	EA	2' x 2', 3,300 Lumens, Prismatic Lensed, Lay-In/Troffer LED Fixture (Lithonia 2TL2)	322.22	42.35
		For Drywall Or Plaster Ceilings, Add	*28.59*	
		For >50 To 100, Deduct	*-9.64*	
		For >100 To 250, Deduct	*-17.70*	
		For >250 To 500, Deduct	*-32.22*	
		For >500, Deduct	*-46.74*	
26 51 19 00-0025	EA	2' x 4', 4,600 Lumens, Prismatic Lensed, Lay-In/Troffer LED Fixture (Lithonia 2TL4)	595.59	49.34
		For Drywall Or Plaster Ceilings With Frame Kit, Add	*48.31*	
		For >50 To 100, Deduct	*-16.74*	
		For >100 To 250, Deduct	*-31.63*	
		For >250 To 500, Deduct	*-59.56*	
		For >500, Deduct	*-87.49*	

26 51 19 00-0026 Prismatic Lensed, Lay-In/Troffer LED Fixtures (Lunera) *(26 51 19 00-0021)*

26 51 19 00-0027	EA	1' x 4', 3,200 Lumens, Prismatic Lensed, Lay-In/Troffer LED Fixture (Lunera® 14G4)	854.08	38.44
		For >50 To 100, Deduct	*-22.81*	
		For >100 To 250, Deduct	*-44.16*	
		For >250 To 500, Deduct	*-85.41*	
		For >500, Deduct	*-126.66*	
26 51 19 00-0028	EA	2' x 2', 3,200 Lumens, Prismatic Lensed, Lay-In/Troffer LED Fixture (Lunera® 22G5)	598.82	42.35
		For >50 To 100, Deduct	*-16.56*	
		For >100 To 250, Deduct	*-31.53*	
		For >250 To 500, Deduct	*-59.88*	
		For >500, Deduct	*-88.23*	
26 51 19 00-0029	EA	2' x 4', 4,175 Lumens, Prismatic Lensed, Lay-In/Troffer LED Fixture (Lunera® 24G4)	780.85	49.34
		For >50 To 100, Deduct	*-21.37*	
		For >100 To 250, Deduct	*-40.90*	
		For >250 To 500, Deduct	*-78.09*	
		For >500, Deduct	*-115.27*	

26 51 19 00-0030 Prismatic Lensed, Lay-In/Troffer LED Fixtures (PlanLED) *(26 51 19 00-0021)*

26 51 19 00-0031	EA	2,591 Lumens, 2' x 2', Prismatic Lensed, Lay-In/Troffer LED Fixture (PlanLED FTB4E)	392.64	42.35
		For >50 To 100, Deduct	*-11.40*	
		For >100 To 250, Deduct	*-21.22*	
		For >250 To 500, Deduct	*-39.26*	
		For >500, Deduct	*-57.31*	
26 51 19 00-0032	EA	3,883 Lumens, 2' x 2', Prismatic Lensed, Lay-In/Troffer LED Fixture (PlanLED FTB4E)	435.11	42.35
		For >50 To 100, Deduct	*-12.47*	
		For >100 To 250, Deduct	*-23.34*	
		For >250 To 500, Deduct	*-43.51*	
		For >500, Deduct	*-63.68*	
26 51 19 00-0033	EA	3,700 Lumens, 2' x 2', Prismatic Lensed, Lay-In/Troffer LED Fixture (PlanLED BL220-40)	369.29	42.35
		For >50 To 100, Deduct	*-10.82*	
		For >100 To 250, Deduct	*-20.05*	
		For >250 To 500, Deduct	*-36.93*	
		For >500, Deduct	*-53.81*	
26 51 19 00-0034	EA	4,200 Lumens, 2' x 2', Prismatic Lensed, Lay-In/Troffer LED Fixture (PlanLED BL220-45)	369.29	42.35
		For >50 To 100, Deduct	*-10.82*	
		For >100 To 250, Deduct	*-20.05*	
		For >250 To 500, Deduct	*-36.93*	
		For >500, Deduct	*-53.81*	
26 51 19 00-0035	EA	4,600 Lumens, 2' x 2', Prismatic Lensed, Lay-In/Troffer LED Fixture (PlanLED BL220-50)	396.89	42.35
		For >50 To 100, Deduct	*-11.51*	
		For >100 To 250, Deduct	*-21.43*	
		For >250 To 500, Deduct	*-39.69*	
		For >500, Deduct	*-57.95*	

26 51 19 00-0036 Volumetric, Lay-In/Troffer LED Fixtures *(26 51 19 00-0020)*

26 51 19 00-0037 Volumetric, Lay-In/Troffer LED Fixtures (Lithonia) *(26 51 19 00-0036)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0038	EA	1' x 4', 3,000 Lumens, Volumetric, Lay-In/Troffer LED Fixture (Lithonia RTL4)	455.09	38.44
		For Drywall Or Plaster Ceilings, Add	*26.21*	
		For >50 To 100, Deduct	*-12.83*	
		For >100 To 250, Deduct	*-24.21*	
		For >250 To 500, Deduct	*-45.51*	
		For >500, Deduct	*-66.81*	
26 51 19 00-0039	EA	1' x 4', 4,000 Lumens, Volumetric, Lay-In/Troffer LED Fixture (Lithonia RTL4)	687.79	38.44
		For Drywall Or Plaster Ceilings, Add	*26.21*	
		For >50 To 100, Deduct	*-18.65*	
		For >100 To 250, Deduct	*-35.85*	
		For >250 To 500, Deduct	*-68.78*	
		For >500, Deduct	*-101.71*	
26 51 19 00-0040	EA	2' x 2', 2,000 Lumens, Volumetric, Lay-In/Troffer LED Fixture (Lithonia 2RTL2)	533.05	42.35
		For Drywall Or Plaster Ceilings With Frame Kit, Add	*42.54*	
		For >50 To 100, Deduct	*-14.91*	
		For >100 To 250, Deduct	*-28.24*	
		For >250 To 500, Deduct	*-53.31*	
		For >500, Deduct	*-78.37*	
26 51 19 00-0041	EA	2' x 2', 3,300 Lumens, Volumetric, Lay-In/Troffer LED Fixture (Lithonia 2RTL2)	613.05	42.35
		For Drywall Or Plaster Ceilings With Frame Kit, Add	*46.54*	
		For >50 To 100, Deduct	*-16.91*	
		For >100 To 250, Deduct	*-32.24*	
		For >250 To 500, Deduct	*-61.31*	
		For >500, Deduct	*-90.37*	
26 51 19 00-0042	EA	2' x 2', 4,000 Lumens, Volumetric, Lay-In/Troffer LED Fixture (Lithonia 2RTL2)	677.06	42.35
		For >50 To 100, Deduct	*-18.51*	
		For >100 To 250, Deduct	*-35.44*	
		For >250 To 500, Deduct	*-67.71*	
		For >500, Deduct	*-99.97*	
26 51 19 00-0043	EA	2' x 4', 4,000 Lumens, Volumetric, Lay-In/Troffer LED Fixture (Lithonia 2RTL4)	687.66	49.34
		For Drywall Or Plaster Ceilings With Frame Kit, Add	*52.92*	
		For >50 To 100, Deduct	*-19.04*	
		For >100 To 250, Deduct	*-36.24*	
		For >250 To 500, Deduct	*-68.77*	
		For >500, Deduct	*-101.30*	
26 51 19 00-0044	EA	2' x 4', 4,800 Lumens, Volumetric, Lay-In/Troffer LED Fixture (Lithonia 2RTL4)	751.66	49.34
		For Drywall Or Plaster Ceilings With Frame Kit, Add	*56.12*	
		For >50 To 100, Deduct	*-20.64*	
		For >100 To 250, Deduct	*-39.44*	
		For >250 To 500, Deduct	*-75.17*	
		For >500, Deduct	*-110.90*	
26 51 19 00-0045	EA	2' x 4', 6,000 Lumens, Volumetric, Lay-In/Troffer LED Fixture (Lithonia 2RTL4)	815.67	49.34
		For Drywall Or Plaster Ceilings With Frame Kit, Add	*59.32*	
		For >50 To 100, Deduct	*-22.25*	
		For >100 To 250, Deduct	*-42.64*	
		For >250 To 500, Deduct	*-81.57*	
		For >500, Deduct	*-120.50*	
26 51 19 00-0046	EA	2' x 2', 2,000 Lumens, Volumetric, Lay-In/Troffer LED Fixture With Acrylic Linear Prismatic Diffuser (Lithonia 2VTL2)	469.06	42.35
		For Drywall Or Plaster Ceilings With Frame Kit, Add	*39.34*	
		For >50 To 100, Deduct	*-13.31*	
		For >100 To 250, Deduct	*-25.04*	
		For >250 To 500, Deduct	*-46.91*	
		For >500, Deduct	*-68.77*	
26 51 19 00-0047	EA	2' x 2', 3,300 Lumens, Volumetric, Lay-In/Troffer LED Fixture With Acrylic Linear Prismatic Diffuser (Lithonia 2VTL2)	549.05	42.35
		For Drywall Or Plaster Ceilings With Frame Kit, Add	*43.34*	
		For >50 To 100, Deduct	*-15.31*	
		For >100 To 250, Deduct	*-29.04*	
		For >250 To 500, Deduct	*-54.91*	
		For >500, Deduct	*-80.77*	
26 51 19 00-0048	EA	2' x 2', 4,000 Lumens, Volumetric, Lay-In/Troffer LED Fixture With Acrylic Linear Prismatic Diffuser (Lithonia 2VTL2)	597.05	42.35
		For Drywall Or Plaster Ceilings With Frame Kit, Add	*45.74*	
		For >50 To 100, Deduct	*-16.51*	
		For >100 To 250, Deduct	*-31.44*	
		For >250 To 500, Deduct	*-59.71*	
		For >500, Deduct	*-87.97*	
26 51 19 00-0049	EA	2' x 4', 3,000 Lumens, Volumetric, Lay-In/Troffer LED Fixture With Acrylic Linear Prismatic Diffuser (Lithonia 2VTL4)	591.66	49.34
		For Drywall Or Plaster Ceilings With Frame Kit, Add	*48.12*	
		For >50 To 100, Deduct	*-16.64*	
		For >100 To 250, Deduct	*-31.44*	
		For >250 To 500, Deduct	*-59.17*	
		For >500, Deduct	*-86.90*	
26 51 19 00-0050	EA	2' x 4', 4,000 Lumens, Volumetric, Lay-In/Troffer LED Fixture With Acrylic Linear Prismatic Diffuser (Lithonia 2VTL4)	623.65	49.34
		For Drywall Or Plaster Ceilings With Frame Kit, Add	*49.72*	
		For >50 To 100, Deduct	*-17.44*	
		For >100 To 250, Deduct	*-33.04*	
		For >250 To 500, Deduct	*-62.37*	
		For >500, Deduct	*-91.69*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0051	EA	2' x 4', 4,800 Lumens, Volumetric, Lay-In/Troffer LED Fixture With Acrylic Linear Prismatic Diffuser (Lithonia 2VTL4)	687.66	49.34
		For Drywall Or Plaster Ceilings With Frame Kit, Add	*52.92*	
		For >50 To 100, Deduct	*-19.04*	
		For >100 To 250, Deduct	*-36.24*	
		For >250 To 500, Deduct	*-68.77*	
		For >500, Deduct	*-101.30*	

26 51 19 00-0052 Architectural, Lay-In/Troffer LED Fixtures *(26 51 19 00-0020)*

26 51 19 00-0053 Architectural, Lay-In/Troffer LED Fixtures (Lithonia) *(26 51 19 00-0052)*

Note: Includes 4,000K color temperature, 120/277 voltage and steel housing assembly. Excludes sensors.

26 51 19 00-0054	EA	2,100 Lumens, 1' x 4', Architectural, Lay-In/Troffer LED Fixture (Lithonia ALL4)	364.16	49.34
		For Drywall Or Plaster Ceilings With Frame Kit, Add	*36.74*	
		For >50 To 100, Deduct	*-10.96*	
		For >100 To 250, Deduct	*-20.06*	
		For >250 To 500, Deduct	*-36.42*	
		For >500, Deduct	*-52.77*	
26 51 19 00-0055	EA	4,300 Lumens, 1' x 4', Architectural, Lay-In/Troffer LED Fixture (Lithonia ALL4)	425.86	49.34
		For Drywall Or Plaster Ceilings With Frame Kit, Add	*39.83*	
		For >50 To 100, Deduct	*-12.50*	
		For >100 To 250, Deduct	*-23.15*	
		For >250 To 500, Deduct	*-42.59*	
		For >500, Deduct	*-62.03*	
26 51 19 00-0056	EA	6,400 Lumens, 1' x 4', Architectural, Lay-In/Troffer LED Fixture (Lithonia ALL4)	481.40	49.34
		For Drywall Or Plaster Ceilings With Frame Kit, Add	*42.60*	
		For >50 To 100, Deduct	*-13.89*	
		For >100 To 250, Deduct	*-25.92*	
		For >250 To 500, Deduct	*-48.14*	
		For >500, Deduct	*-70.36*	

26 51 19 00-0057 Architectural, Lay-In/Troffer LED Fixtures (CREE® CR Series) *(26 51 19 00-0052)*

Note: Includes 3,000K, 3,500 or 4,000K color temperature, 120/277 voltage and 20 gauge steel housing assembly. Excludes sensors.

26 51 19 00-0058	EA	1' x 4', 2,200 Lumens, Architectural, Lay-In/Troffer LED Fixture (Cree® CR14™)	491.76	49.34
		For Expanded Size Junction Box For Through Wiring, Add	*5.34*	
		For Drywall Or Plaster Ceilings, Add	*146.61*	
		For Surface Mount, Add	*270.41*	
		For >50 To 100, Deduct	*-14.15*	
		For >100 To 250, Deduct	*-26.44*	
		For >250 To 500, Deduct	*-49.18*	
		For >500, Deduct	*-71.91*	
26 51 19 00-0059	EA	1' x 4', 3,100 Lumens, Architectural, Lay-In/Troffer LED Fixture (Cree® CR14™)	531.81	49.34
		For Expanded Size Junction Box For Through Wiring, Add	*5.34*	
		For Drywall Or Plaster Ceilings, Add	*146.61*	
		For Surface Mount, Add	*270.41*	
		For >50 To 100, Deduct	*-15.15*	
		For >100 To 250, Deduct	*-28.44*	
		For >250 To 500, Deduct	*-53.18*	
		For >500, Deduct	*-77.92*	
26 51 19 00-0060	EA	1' x 4', 4,000 Lumens, Architectural, Lay-In/Troffer LED Fixture (Cree® CR14™)	531.81	49.34
		For Expanded Size Junction Box For Through Wiring, Add	*5.34*	
		For Drywall Or Plaster Ceilings, Add	*146.61*	
		For Surface Mount, Add	*270.41*	
		For >50 To 100, Deduct	*-15.15*	
		For >100 To 250, Deduct	*-28.44*	
		For >250 To 500, Deduct	*-53.18*	
		For >500, Deduct	*-77.92*	
26 51 19 00-0061	EA	1' x 4', 5,000 Lumens, Architectural, Lay-In/Troffer LED Fixture (Cree® CR14™)	590.94	49.34
		For Expanded Size Junction Box For Through Wiring, Add	*5.34*	
		For Drywall Or Plaster Ceilings, Add	*146.61*	
		For Surface Mount, Add	*270.41*	
		For >50 To 100, Deduct	*-16.63*	
		For >100 To 250, Deduct	*-31.40*	
		For >250 To 500, Deduct	*-59.09*	
		For >500, Deduct	*-86.79*	
26 51 19 00-0062	EA	2' x 2', 2,000 Lumens, Architectural, 120-277 Volt, Lay-In/Troffer LED Fixture (Cree® CR22™) Note: CCT 30K to 50K	458.50	42.35
		For Expanded Size Junction Box For Through Wiring, Add	*5.34*	
		For Drywall Or Plaster Ceilings, Add	*128.38*	
		For Surface Mount, Add	*254.94*	
		For >50 To 100, Deduct	*-13.05*	
		For >100 To 250, Deduct	*-24.51*	
		For >250 To 500, Deduct	*-45.85*	
		For >500, Deduct	*-67.19*	
26 51 19 00-0063	EA	2' x 2', 3,200 Lumens, Architectural, 120-277 Volt, Lay-In/Troffer LED Fixture (Cree® CR22™) Note: CCT 30K to 50K	431.57	42.35
		For Expanded Size Junction Box For Through Wiring, Add	*5.34*	
		For Drywall Or Plaster Ceilings, Add	*128.38*	
		For Surface Mount, Add	*254.94*	
		For >50 To 100, Deduct	*-12.38*	
		For >100 To 250, Deduct	*-23.17*	
		For >250 To 500, Deduct	*-43.16*	
		For >500, Deduct	*-63.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0064	EA	2' x 4', 2,200 Lumens, Architectural, 120-277 Volt, Lay-In/Troffer LED Fixture (Cree® CR24™) Note: CCT 30K to 50K	513.98	49.34
		For Expanded Size Junction Box For Through Wiring, Add	*5.34*	
		For Drywall Or Plaster Ceilings, Add	*150.42*	
		For Surface Mount, Add	*295.21*	
		For >50 To 100, Deduct	*-14.70*	
		For >100 To 250, Deduct	*-27.55*	
		For >250 To 500, Deduct	*-51.40*	
		For >500, Deduct	*-75.24*	
26 51 19 00-0065	EA	2' x 4', 3,100 Lumens, Architectural, 120-277 Volt, Lay-In/Troffer LED Fixture (Cree® CR24™) Note: CCT 30K to 50K	531.81	49.34
		For Expanded Size Junction Box For Through Wiring, Add	*5.34*	
		For Drywall Or Plaster Ceilings, Add	*150.42*	
		For Surface Mount, Add	*295.21*	
		For >50 To 100, Deduct	*-15.15*	
		For >100 To 250, Deduct	*-28.44*	
		For >250 To 500, Deduct	*-53.18*	
		For >500, Deduct	*-77.92*	
26 51 19 00-0066	EA	2' x 4', 4,000 Lumens, Architectural, 120-277 Volt, Lay-In/Troffer LED Fixture (Cree® CR24™) Note: CCT 30K to 50K	531.81	49.34
		For Expanded Size Junction Box For Through Wiring, Add	*5.34*	
		For Drywall Or Plaster Ceilings, Add	*150.42*	
		For Surface Mount, Add	*295.21*	
		For >50 To 100, Deduct	*-15.15*	
		For >100 To 250, Deduct	*-28.44*	
		For >250 To 500, Deduct	*-53.18*	
		For >500, Deduct	*-77.92*	
26 51 19 00-0067	EA	2' x 4', 4,000 Lumens, Architectural, 120-277 Volt, Lay-In/Troffer LED Fixture (Cree® CR24 LHE™) Note: CCT 30K to 50K	682.49	49.34
		For Expanded Size Junction Box For Through Wiring, Add	*5.34*	
		For Drywall Or Plaster Ceilings, Add	*150.42*	
		For Surface Mount, Add	*295.21*	
		For >50 To 100, Deduct	*-18.92*	
		For >100 To 250, Deduct	*-35.98*	
		For >250 To 500, Deduct	*-68.25*	
		For >500, Deduct	*-100.52*	
26 51 19 00-0068	EA	2' x 4', 5,000 Lumens, Architectural, 120-277 Volt, Lay-In/Troffer LED Fixture (Cree® CR24™) Note: CCT 30K to 50K	590.94	49.34
		For Expanded Size Junction Box For Through Wiring, Add	*5.34*	
		For Drywall Or Plaster Ceilings, Add	*150.42*	
		For Surface Mount, Add	*295.21*	
		For >50 To 100, Deduct	*-16.63*	
		For >100 To 250, Deduct	*-31.40*	
		For >250 To 500, Deduct	*-59.09*	
		For >500, Deduct	*-86.79*	

26 51 19 00-0069 Architectural, Lay-In/Troffer LED Fixtures (Metalux®) *(26 51 19 00-0052)*

Note: Includes 3,000K, 3,500 or 4,000K color temperature, 120/277 voltage and code gauge steel housing assembly. Excludes sensors.

26 51 19 00-0070	EA	2' x 2', 2,500 Lumens, Architectural, Lay-In/Troffer LED Fixture (Metalux® Accord™ 2AC)	261.21	42.35
		For >50 To 100, Deduct	*-8.12*	
		For >100 To 250, Deduct	*-14.65*	
		For >250 To 500, Deduct	*-26.12*	
		For >500, Deduct	*-37.59*	
26 51 19 00-0071	EA	2' x 4', 4,700 Lumens, Architectural, Lay-In/Troffer LED Fixture (Metalux® Accord™ 2AC)	346.39	49.34
		For >50 To 100, Deduct	*-10.51*	
		For >100 To 250, Deduct	*-19.17*	
		For >250 To 500, Deduct	*-34.64*	
		For >500, Deduct	*-50.11*	

26 51 19 00-0072 Architectural, Lay-In/Troffer LED Fixtures (Finelite) *(26 51 19 00-0052)*

Note: Includes 3,000K color temperature, 120/277 voltage and 20 gauge steel housing assembly. Excludes sensors.

26 51 19 00-0073	EA	2' x 2', 4,301 Lumens, Architectural, Lay-In/Troffer LED Fixture (Finelite HPR LED A 2x2)	393.21	42.35
		For >50 To 100, Deduct	*-11.42*	
		For >100 To 250, Deduct	*-21.25*	
		For >250 To 500, Deduct	*-39.32*	
		For >500, Deduct	*-57.39*	
26 51 19 00-0074	EA	2' x 4', 4,671 Lumens, Architectural, Lay-In/Troffer LED Fixture (Finelite HPR LED A 2x2)	534.09	49.77
		For >50 To 100, Deduct	*-15.21*	
		For >100 To 250, Deduct	*-28.56*	
		For >250 To 500, Deduct	*-53.41*	
		For >500, Deduct	*-78.26*	

26 51 19 00-0075 Shadow Box Style, Lay-In/Troffer LED Fixtures *(26 51 19 00-0020)*

26 51 19 00-0076 Shadow Box Style, Lay-In/Troffer LED Fixtures (Lithonia SBSL) *(26 51 19 00-0075)*

26 51 19 00-0077	EA	2' x 2', 3,300 Lumens, Shadow Box Style, Lay-In/Troffer LED Fixture (Lithonia 2SBSL2)	627.79	42.35
		For Drywall Or Plaster Ceilings, Add	*28.59*	
		For >50 To 100, Deduct	*-17.28*	
		For >100 To 250, Deduct	*-32.98*	
		For >250 To 500, Deduct	*-62.78*	
		For >500, Deduct	*-92.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0078	EA	2' x 4', 4,600 Lumens, Shadow Box Style, Lay-In/Troffer LED Fixture (Lithonia 2SBSL4)	857.57	49.34
		For Drywall Or Plaster Ceilings With Frame Kit, Add	*61.41*	
		For >50 To 100, Deduct	*-23.29*	
		For >100 To 250, Deduct	*-44.73*	
		For >250 To 500, Deduct	*-85.76*	
		For >500, Deduct	*-126.78*	

26 51 19 00-0079 Panel Type, Lay-In/Troffer LED Fixtures *(26 51 19 00-0020)*

26 51 19 00-0080 Panel Type, Lay-In/Troffer LED Fixtures (PlanLED Galaxy) *(26 51 19 00-0079)*

26 51 19 00-0081	EA	1' x 4', 3,100 Lumens, Panel Type, Lay-In/Troffer LED Fixture (PlanLED Galaxy GL140-34)	426.09	49.34
		For >50 To 100, Deduct	*-12.51*	
		For >100 To 250, Deduct	*-23.16*	
		For >250 To 500, Deduct	*-42.61*	
		For >500, Deduct	*-62.06*	
26 51 19 00-0082	EA	2' x 2', 3,100 Lumens, Panel Type, Lay-In/Troffer LED Fixture (PlanLED Galaxy GL220-34)	442.94	49.34
		For >50 To 100, Deduct	*-12.93*	
		For >100 To 250, Deduct	*-24.00*	
		For >250 To 500, Deduct	*-44.29*	
		For >500, Deduct	*-64.59*	
26 51 19 00-0083	EA	2' x 4', 4,000 Lumens, Panel Type, Lay-In/Troffer LED Fixture (PlanLED Galaxy GL240-40)	554.65	49.34
		For >50 To 100, Deduct	*-15.72*	
		For >100 To 250, Deduct	*-29.59*	
		For >250 To 500, Deduct	*-55.47*	
		For >500, Deduct	*-81.34*	
26 51 19 00-0084	EA	2' x 4', 5,000 Lumens, Panel Type, Lay-In/Troffer LED Fixture (PlanLED Galaxy GL240-52)	554.65	49.34
		For >50 To 100, Deduct	*-15.72*	
		For >100 To 250, Deduct	*-29.59*	
		For >250 To 500, Deduct	*-55.47*	
		For >500, Deduct	*-81.34*	

26 51 19 00-0085 Panel Type, Lay-In/Troffer LED Fixtures (Sylvania) *(26 51 19 00-0079)*

26 51 19 00-0086	EA	1' x 4', 3,300 Lumens, 32 Watt, LED Edge Lite Panel (Sylvania PANELF1A/032UNVD840/14G/WH)	222.26	49.34
		For Surface Mounting Kit (Sylvania SMKIT1A/14A/WH), Add	*55.34*	
		For >50 To 100, Deduct	*-7.41*	
		For >100 To 250, Deduct	*-12.97*	
		For >250 To 500, Deduct	*-22.23*	
		For >500, Deduct	*-31.49*	
26 51 19 00-0087	EA	2' x 2', 3,500 Lumens, 32 Watt, LED Edge Lite Panel (Sylvania PANELF1A/032UNVD840/22G/WH)	229.48	49.34
		For >50 To 100, Deduct	*-7.59*	
		For >100 To 250, Deduct	*-13.33*	
		For >250 To 500, Deduct	*-22.95*	
		For >500, Deduct	*-32.57*	
26 51 19 00-0088	EA	2' x 4', 3,300 Lumens, 32 Watt, LED Edge Lite Panel (Sylvania PANELF1A/032UNVD840/24G/WH)	232.78	49.34
		For Surface Mounting Kit (Sylvania SMKIT1A/24A/WH)	*69.17*	
		For >50 To 100, Deduct	*-7.67*	
		For >100 To 250, Deduct	*-13.49*	
		For >250 To 500, Deduct	*-23.28*	
		For >500, Deduct	*-33.06*	
26 51 19 00-0089	EA	2' x 4', 3,300 Lumens, 32 Watt, 3500K CCT, LED Edge Lite Panel With Kit (Sylvania PANELF1A/032UNVD835/24G/WH_SMKIT1A/24A/WH)	544.52	49.34
		For >50 To 100, Deduct	*-15.47*	
		For >100 To 250, Deduct	*-29.08*	
		For >250 To 500, Deduct	*-54.45*	
		For >500, Deduct	*-79.83*	

26 51 19 00-0090 Surface Mount LED Fixtures *(26 51 19 00-0001)*

26 51 19 00-0091 Surface Mount, Volumetric LED Fixtures (Lithonia STL) *(26 51 19 00-0090)*

26 51 19 00-0092	EA	2' Length, 2,200 Lumens, Surface Mount, Volumetric LED Fixture (Lithonia STL2)	319.17	31.76
		For >50 To 100, Deduct	*-9.17*	
		For >100 To 250, Deduct	*-17.15*	
		For >250 To 500, Deduct	*-31.92*	
		For >500, Deduct	*-46.68*	
26 51 19 00-0093	EA	4' Length, 3,000 Lumens, Surface Mount, Volumetric LED Fixture (Lithonia STL4)	255.20	38.75
		For >50 To 100, Deduct	*-7.84*	
		For >100 To 250, Deduct	*-14.22*	
		For >250 To 500, Deduct	*-25.52*	
		For >500, Deduct	*-36.82*	
26 51 19 00-0094	EA	4' Length, 4,000 Lumens, Surface Mount, Volumetric LED Fixture (Lithonia STL4)	323.28	38.75
		For >50 To 100, Deduct	*-9.54*	
		For >100 To 250, Deduct	*-17.62*	
		For >250 To 500, Deduct	*-32.33*	
		For >500, Deduct	*-47.04*	

26 51 19 00-0095 Surface Mount, Wraparound LED Fixtures (Lithonia LBL) *(26 51 19 00-0090)*

26 51 19 00-0096	EA	2' Length, 2,000 Lumens, Surface Mount, Wraparound LED Fixture (Lithonia LBL2)	270.37	31.76
		For >50 To 100, Deduct	*-7.95*	
		For >100 To 250, Deduct	*-14.71*	
		For >250 To 500, Deduct	*-27.04*	
		For >500, Deduct	*-39.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0097	EA	4' Length, 4,000 Lumens, Surface Mount, Wraparound LED Fixture (Lithonia LBL4)	355.60	38.75
		For >50 To 100, Deduct	*-10.35*	
		For >100 To 250, Deduct	*-19.24*	
		For >250 To 500, Deduct	*-35.56*	
		For >500, Deduct	*-51.88*	
26 51 19 00-0098		**Surface Mount, Shadow Box Style LED Fixtures** *(26 51 19 00-0090)*		
26 51 19 00-0099		**Surface Mount, Shadow Box Style LED Fixtures (Lithonia SBSLX)** *(26 51 19 00-0098)*		
26 51 19 00-0100	EA	2' x 2', 3,300 Lumens, Surface Mount, Shadow Box Style LED Fixture (Lithonia 2SBSLX2)	806.93	42.35
		For >50 To 100, Deduct	*-21.76*	
		For >100 To 250, Deduct	*-41.93*	
		For >250 To 500, Deduct	*-80.69*	
		For >500, Deduct	*-119.45*	
26 51 19 00-0101	EA	2' x 4', 4,600 Lumens, Surface Mount, Shadow Box Style LED Fixture (Lithonia 2SBSLX4)	1,036.72	49.34
		For >50 To 100, Deduct	*-27.77*	
		For >100 To 250, Deduct	*-53.69*	
		For >250 To 500, Deduct	*-103.67*	
		For >500, Deduct	*-153.65*	
26 51 19 00-0102		**Surface Mount, Low Profile Fixtures** *(26 51 19 00-0090)*		
26 51 19 00-0103	EA	6" Diameter, 993 Lumens, Low Profile Surface Mount, LED Fixture (RP Lighting - 8538-90)	103.74	29.03
		For >50 To 100, Deduct	*-4.04*	
		For >100 To 250, Deduct	*-6.64*	
		For >250 To 500, Deduct	*-10.37*	
		For >500, Deduct	*-14.11*	
26 51 19 00-0104	EA	6" Diameter, 1,215 Lumens, Low Profile Surface Mount, LED Fixture (RP Lighting - 8569)	83.90	29.03
		For >50 To 100, Deduct	*-3.55*	
		For >100 To 250, Deduct	*-5.65*	
		For >250 To 500, Deduct	*-8.39*	
		For >500, Deduct	*-11.13*	
26 51 19 00-0105	EA	13" Diameter, 1,400 Lumens, Low Profile Surface Mount, LED Fixture (RP Lighting - 4329)	145.38	29.03
		For >50 To 100, Deduct	*-5.09*	
		For >100 To 250, Deduct	*-8.72*	
		For >250 To 500, Deduct	*-14.54*	
		For >500, Deduct	*-20.36*	
26 51 19 00-0106	EA	15" Diameter, 2,100 Lumens, Low Profile Surface Mount, LED Fixture (RP Lighting 4330)	177.12	29.03
		For >50 To 100, Deduct	*-5.88*	
		For >100 To 250, Deduct	*-10.31*	
		For >250 To 500, Deduct	*-17.71*	
		For >500, Deduct	*-25.12*	
26 51 19 00-0107		**Recessed LED Downlights** *(26 51 19 00-0001)*		
26 51 19 00-0108		**Recessed LED Downlights** *(26 51 19 00-0107)*		
26 51 19 00-0109		**Recessed LED Downlights (Lithonia)** *(26 51 19 00-0108)*		
		Note: Includes housing and trim.		
26 51 19 00-0110	EA	8" Diameter, 1,200 Lumens, Recessed LED Downlight With Open Trim (Lithonia DOM8 LED)	364.07	51.00
		For Dimming Driver And Sensor Switch nLight Dimming Relay, Add	*75.50*	
		For >50 To 100, Deduct	*-11.01*	
		For >100 To 250, Deduct	*-20.12*	
		For >250 To 500, Deduct	*-36.41*	
		For >500, Deduct	*-52.70*	
26 51 19 00-0111	EA	8" Diameter, 1,500 Lumens, Recessed LED Downlight With Open Trim (Lithonia DOM8 LED)	394.92	51.00
		For Dimming Driver And Sensor Switch nLight Dimming Relay, Add	*75.50*	
		For >50 To 100, Deduct	*-11.79*	
		For >100 To 250, Deduct	*-21.66*	
		For >250 To 500, Deduct	*-39.49*	
		For >500, Deduct	*-57.33*	
26 51 19 00-0112		**Recessed LED Downlights (Portfolio®)** *(26 51 19 00-0108)*		
		Note: Includes housing and trim.		
26 51 19 00-0113	EA	4" Diameter, 1,300 Lumens, Recessed LED Downlight With Open Trim (Portfolio® LD413)	232.85	51.00
		For >50 To 100, Deduct	*-7.73*	
		For >100 To 250, Deduct	*-13.56*	
		For >250 To 500, Deduct	*-23.29*	
		For >500, Deduct	*-33.02*	
26 51 19 00-0114		**Recessed LED Downlights (Gotham® EVO®)** *(26 51 19 00-0108)*		
		Note: Includes housing and trim.		
26 51 19 00-0115	EA	6" Diameter, 1,800 Lumens, Recessed LED Downlight With Open Trim (Gotham® EVO® ALED)	281.65	51.00
		For >50 To 100, Deduct	*-8.95*	
		For >100 To 250, Deduct	*-16.00*	
		For >250 To 500, Deduct	*-28.17*	
		For >500, Deduct	*-40.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0116	EA	6" Diameter, 1,800 Lumens, Recessed LED Shower Downlight With Non-Conductive Regressed Lens (Gotham® EVO® ALED)	290.32	51.00
		For >50 To 100, Deduct	*-9.17*	
		For >100 To 250, Deduct	*-16.43*	
		For >250 To 500, Deduct	*-29.03*	
		For >500, Deduct	*-41.64*	
26 51 19 00-0117	EA	6" Diameter, 1,800 Lumens, Recessed LED Wallwash Downlight With Specular Reflector Trim (Gotham® EVO® DLWLED)	325.88	51.00
		For >50 To 100, Deduct	*-10.06*	
		For >100 To 250, Deduct	*-18.21*	
		For >250 To 500, Deduct	*-32.59*	
		For >500, Deduct	*-46.97*	
26 51 19 00-0118	EA	6" Diameter, 1,800 Lumens, Decorative Recessed LED Downlight With Glass Drop Luminous Ring (Gotham® EVO® ALED)	329.36	51.00
		For >50 To 100, Deduct	*-10.15*	
		For >100 To 250, Deduct	*-18.38*	
		For >250 To 500, Deduct	*-32.94*	
		For >500, Deduct	*-47.49*	
26 51 19 00-0119	EA	6" Diameter, 1,800 Lumens, Vandal Resistant, Recessed LED Downlight With Tempered Prismatic Lens (Gotham® EVO® VRALED)	359.71	51.00
		For >50 To 100, Deduct	*-10.91*	
		For >100 To 250, Deduct	*-19.90*	
		For >250 To 500, Deduct	*-35.97*	
		For >500, Deduct	*-52.04*	

26 51 19 00-0120 Recessed LED Downlights (Lightolier) *(26 51 19 00-0108)*

Note: Includes housing and trim.

26 51 19 00-0121	EA	4" Diameter, 500 Lumens, Recessed LED Downlight With Open Trim (Lightolier C4L05DL)	601.32	51.00
		For >50 To 100, Deduct	*-16.95*	
		For >100 To 250, Deduct	*-31.98*	
		For >250 To 500, Deduct	*-60.13*	
		For >500, Deduct	*-88.29*	
26 51 19 00-0122	EA	4" Diameter, 1,000 Lumens, Recessed LED Downlight With Open Trim (Lightolier C4L10DL)	706.55	51.00
		For >50 To 100, Deduct	*-19.58*	
		For >100 To 250, Deduct	*-37.24*	
		For >250 To 500, Deduct	*-70.66*	
		For >500, Deduct	*-104.07*	
26 51 19 00-0123	EA	6" Diameter, 1,500 Lumens, Recessed LED Downlight With Open Trim (Lightolier C6L1520DL)	759.05	51.00
		For >50 To 100, Deduct	*-20.89*	
		For >100 To 250, Deduct	*-39.87*	
		For >250 To 500, Deduct	*-75.91*	
		For >500, Deduct	*-111.95*	
26 51 19 00-0124	EA	6" Diameter, 2,000 Lumens, Recessed LED Downlight With Open Trim (Lightolier C6L1520DL)	759.05	51.00
		For >50 To 100, Deduct	*-20.89*	
		For >100 To 250, Deduct	*-39.87*	
		For >250 To 500, Deduct	*-75.91*	
		For >500, Deduct	*-111.95*	
26 51 19 00-0125	EA	7" Diameter, 1,500 Lumens, Recessed LED Downlight With Open Trim (Lightolier C7L1520DL)	785.42	51.00
		For >50 To 100, Deduct	*-21.55*	
		For >100 To 250, Deduct	*-41.18*	
		For >250 To 500, Deduct	*-78.54*	
		For >500, Deduct	*-115.90*	
26 51 19 00-0126	EA	7" Diameter, 2,000 Lumens, Recessed LED Downlight With Open Trim (Lightolier C7L1520DL)	811.80	51.00
		For >50 To 100, Deduct	*-22.21*	
		For >100 To 250, Deduct	*-42.50*	
		For >250 To 500, Deduct	*-81.18*	
		For >500, Deduct	*-119.86*	

26 51 19 00-0127 Recessed LED Downlights (Cooper) *(26 51 19 00-0108)*

26 51 19 00-0128	EA	600 Lumens, 2700K CCT, LED Downlight (Cooper Halo ML5606827)	146.73	51.00
		For >50 To 100, Deduct	*-5.58*	
		For >100 To 250, Deduct	*-9.25*	
		For >250 To 500, Deduct	*-14.67*	
		For >500, Deduct	*-20.10*	
26 51 19 00-0129	EA	600 Lumens, 3000K CCT, LED Downlight (Cooper Halo ML5606830)	146.73	51.00
		For >50 To 100, Deduct	*-5.58*	
		For >100 To 250, Deduct	*-9.25*	
		For >250 To 500, Deduct	*-14.67*	
		For >500, Deduct	*-20.10*	
26 51 19 00-0130	EA	600 Lumens, 3500K CCT, LED Downlight (Cooper Halo ML5606835)	146.73	51.00
		For >50 To 100, Deduct	*-5.58*	
		For >100 To 250, Deduct	*-9.25*	
		For >250 To 500, Deduct	*-14.67*	
		For >500, Deduct	*-20.10*	
26 51 19 00-0131	EA	600 Lumens, 4000K CCT, LED Downlight (Cooper Halo ML5606840)	146.73	51.00
		For >50 To 100, Deduct	*-5.58*	
		For >100 To 250, Deduct	*-9.25*	
		For >250 To 500, Deduct	*-14.67*	
		For >500, Deduct	*-20.10*	
26 51 19 00-0132	EA	900 Lumens, 2700K CCT, LED Downlight (Cooper Halo ML5609827)	149.34	51.00
		For >50 To 100, Deduct	*-5.65*	
		For >100 To 250, Deduct	*-9.38*	
		For >250 To 500, Deduct	*-14.93*	
		For >500, Deduct	*-20.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0133	EA	900 Lumens, 3000K CCT, LED Downlight (Cooper Halo ML5609830)	149.34	51.00
		For >50 To 100, Deduct	*-5.65*	
		For >100 To 250, Deduct	*-9.38*	
		For >250 To 500, Deduct	*-14.93*	
		For >500, Deduct	*-20.49*	
26 51 19 00-0134	EA	900 Lumens, 3500K CCT, LED Downlight (Cooper Halo ML5609835)	149.34	51.00
		For >50 To 100, Deduct	*-5.65*	
		For >100 To 250, Deduct	*-9.38*	
		For >250 To 500, Deduct	*-14.93*	
		For >500, Deduct	*-20.49*	
26 51 19 00-0135	EA	900 Lumens, 4000K CCT, LED Downlight (Cooper Halo ML5609840)	149.34	51.00
		For >50 To 100, Deduct	*-5.65*	
		For >100 To 250, Deduct	*-9.38*	
		For >250 To 500, Deduct	*-14.93*	
		For >500, Deduct	*-20.49*	
26 51 19 00-0136	EA	1,200 Lumens, 2700K CCT, LED Downlight (Cooper Halo ML5612827)	184.81	51.00
		For >50 To 100, Deduct	*-6.53*	
		For >100 To 250, Deduct	*-11.15*	
		For >250 To 500, Deduct	*-18.48*	
		For >500, Deduct	*-25.81*	
26 51 19 00-0137	EA	1,200 Lumens, 3000K CCT, LED Downlight (Cooper Halo ML5612830)	183.01	51.00
		For >50 To 100, Deduct	*-6.49*	
		For >100 To 250, Deduct	*-11.06*	
		For >250 To 500, Deduct	*-18.30*	
		For >500, Deduct	*-25.54*	
26 51 19 00-0138	EA	1,200 Lumens, 3500K CCT, LED Downlight (Cooper Halo ML5612835)	183.01	51.00
		For >50 To 100, Deduct	*-6.49*	
		For >100 To 250, Deduct	*-11.06*	
		For >250 To 500, Deduct	*-18.30*	
		For >500, Deduct	*-25.54*	
26 51 19 00-0139	EA	1,200 Lumens, 4000K CCT, LED Downlight (Cooper Halo ML5612840)	183.01	51.00
		For >50 To 100, Deduct	*-6.49*	
		For >100 To 250, Deduct	*-11.06*	
		For >250 To 500, Deduct	*-18.30*	
		For >500, Deduct	*-25.54*	
26 51 19 00-0140	EA	5" LED Trim, Polymer Dead-Front, Shallow White Baffle And Flange (Cooper Halo 591WB)	87.44	16.23
		For >50 To 100, Deduct	*-2.79*	
		For >100 To 250, Deduct	*-4.98*	
		For >250 To 500, Deduct	*-8.74*	
		For >500, Deduct	*-12.51*	
26 51 19 00-0141	EA	5" LED Trim, Specular Reflector And White Flange (Cooper Halo 592SC)	54.98	16.23
		For >50 To 100, Deduct	*-1.98*	
		For >100 To 250, Deduct	*-3.36*	
		For >250 To 500, Deduct	*-5.50*	
		For >500, Deduct	*-7.64*	
26 51 19 00-0142	EA	5" LED Trim, Haze Reflector And White Flange (Cooper Halo 592H)	68.95	16.23
		For >50 To 100, Deduct	*-2.33*	
		For >100 To 250, Deduct	*-4.06*	
		For >250 To 500, Deduct	*-6.90*	
		For >500, Deduct	*-9.73*	
26 51 19 00-0143	EA	5" LED Trim, White Reflector And Flange (Cooper Halo 592W)	57.79	16.23
		For >50 To 100, Deduct	*-2.05*	
		For >100 To 250, Deduct	*-3.50*	
		For >250 To 500, Deduct	*-5.78*	
		For >500, Deduct	*-8.06*	
26 51 19 00-0144	EA	5" LED Trim, White Micro-Step Baffle And Flange (Cooper Halo 593WB)	46.38	16.23
		For >50 To 100, Deduct	*-1.77*	
		For >100 To 250, Deduct	*-2.93*	
		For >250 To 500, Deduct	*-4.64*	
		For >500, Deduct	*-6.35*	
26 51 19 00-0145	EA	5" LED Trim, Black Micro-Step Baffle And White Flange (Cooper Halo 593BB)	57.29	16.23
		For >50 To 100, Deduct	*-2.04*	
		For >100 To 250, Deduct	*-3.47*	
		For >250 To 500, Deduct	*-5.73*	
		For >500, Deduct	*-7.99*	
26 51 19 00-0146	EA	5" LED Trim, Satin Nickel Micro-Step Baffle And Flange (Cooper Halo 593SNB)	63.94	16.23
		For >50 To 100, Deduct	*-2.21*	
		For >100 To 250, Deduct	*-3.81*	
		For >250 To 500, Deduct	*-6.39*	
		For >500, Deduct	*-8.98*	
26 51 19 00-0147	EA	5" LED Trim, Tuscan Bronze Micro-Step Baffle And Flange (Cooper Halo 593TBZB)	69.86	16.23
		For >50 To 100, Deduct	*-2.36*	
		For >100 To 250, Deduct	*-4.10*	
		For >250 To 500, Deduct	*-6.99*	
		For >500, Deduct	*-9.87*	
26 51 19 00-0148	EA	5" LED Directional Trim, White eyeball, Baffle And Flange (Cooper Halo 594WB)	81.42	16.23
		For >50 To 100, Deduct	*-2.64*	
		For >100 To 250, Deduct	*-4.68*	
		For >250 To 500, Deduct	*-8.14*	
		For >500, Deduct	*-11.60*	
26 51 19 00-0149	EA	5" LED Directional Trim, Satin Nickel eyeball, Baffle And Flange (Cooper Halo 594SNB)	81.80	16.23
		For >50 To 100, Deduct	*-2.65*	
		For >100 To 250, Deduct	*-4.70*	
		For >250 To 500, Deduct	*-8.18*	
		For >500, Deduct	*-11.66*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0150	EA	5" LED Directional Trim, Tuscan Bronze eyeball, Baffle And Flange (Cooper Halo 594TBZB)	80.14	16.23
		For >50 To 100, Deduct	*-2.61*	
		For >100 To 250, Deduct	*-4.62*	
		For >250 To 500, Deduct	*-8.01*	
		For >500, Deduct	*-11.41*	
26 51 19 00-0151	EA	5" LED Trim, Wall Wash - Specular reflector, repositionable Specular kick reflector, White Flange (Cooper Halo 595WW)	99.11	16.23
		For >50 To 100, Deduct	*-3.09*	
		For >100 To 250, Deduct	*-5.56*	
		For >250 To 500, Deduct	*-9.91*	
		For >500, Deduct	*-14.26*	
26 51 19 00-0152	EA	5" LED Trim, White Shallow Baffle And Flange (Cooper Halo 596WB)	46.79	16.23
		For >50 To 100, Deduct	*-1.78*	
		For >100 To 250, Deduct	*-2.95*	
		For >250 To 500, Deduct	*-4.68*	
		For >500, Deduct	*-6.41*	
26 51 19 00-0153	EA	6" LED Trim, Polymer Dead-Front, White Shallow Baffle And Flange (Cooper Halo 691WB)	84.66	16.23
		For >50 To 100, Deduct	*-2.73*	
		For >100 To 250, Deduct	*-4.84*	
		For >250 To 500, Deduct	*-8.47*	
		For >500, Deduct	*-12.09*	
26 51 19 00-0154	EA	6" LED Trim, Specular Reflector And White Flange (Cooper Halo 692SC)	71.89	16.23
		For >50 To 100, Deduct	*-2.41*	
		For >100 To 250, Deduct	*-4.20*	
		For >250 To 500, Deduct	*-7.19*	
		For >500, Deduct	*-10.18*	
26 51 19 00-0155	EA	6" LED Trim, Haze Reflector And White Flange (Cooper Halo 692H)	67.41	16.23
		For >50 To 100, Deduct	*-2.29*	
		For >100 To 250, Deduct	*-3.98*	
		For >250 To 500, Deduct	*-6.74*	
		For >500, Deduct	*-9.50*	
26 51 19 00-0156	EA	6" LED Trim, White Reflector And Flange (Cooper Halo 692W)	60.02	16.23
		For >50 To 100, Deduct	*-2.11*	
		For >100 To 250, Deduct	*-3.61*	
		For >250 To 500, Deduct	*-6.00*	
		For >500, Deduct	*-8.39*	
26 51 19 00-0157	EA	6" LED Trim, White Micro-Step Baffle And Flange (Cooper Halo 693WB)	60.56	16.23
		For >50 To 100, Deduct	*-2.12*	
		For >100 To 250, Deduct	*-3.64*	
		For >250 To 500, Deduct	*-6.06*	
		For >500, Deduct	*-8.48*	
26 51 19 00-0158	EA	6" LED Trim, Black Micro-Step Baffle And White Flange (Cooper Halo 693BB)	65.30	16.23
		For >50 To 100, Deduct	*-2.24*	
		For >100 To 250, Deduct	*-3.87*	
		For >250 To 500, Deduct	*-6.53*	
		For >500, Deduct	*-9.19*	
26 51 19 00-0159	EA	6" LED Trim, Satin Nickel Micro-Step Baffle And Flange (Cooper Halo 693SNB)	59.73	16.23
		For >50 To 100, Deduct	*-2.10*	
		For >100 To 250, Deduct	*-3.60*	
		For >250 To 500, Deduct	*-5.97*	
		For >500, Deduct	*-8.35*	
26 51 19 00-0160	EA	6" LED Trim, Tuscan Bronze Micro-Step Baffle And Flange (Cooper Halo 693TBZB)	74.85	16.23
		For >50 To 100, Deduct	*-2.48*	
		For >100 To 250, Deduct	*-4.35*	
		For >250 To 500, Deduct	*-7.49*	
		For >500, Deduct	*-10.62*	
26 51 19 00-0161	EA	6" LED Directional Trim, White eyeball, Baffle And Flange (Cooper Halo 694WB)	81.23	16.23
		For >50 To 100, Deduct	*-2.64*	
		For >100 To 250, Deduct	*-4.67*	
		For >250 To 500, Deduct	*-8.12*	
		For >500, Deduct	*-11.58*	
26 51 19 00-0162	EA	6" LED Directional Trim, Satin Nickel eyeball, Baffle And Flange (Cooper Halo 694SNB)	102.43	16.23
		For >50 To 100, Deduct	*-3.17*	
		For >100 To 250, Deduct	*-5.73*	
		For >250 To 500, Deduct	*-10.24*	
		For >500, Deduct	*-14.76*	
26 51 19 00-0163	EA	6" LED Directional Trim, Tuscan Bronze eyeball, Baffle And Flange (Cooper Halo 694TBZB)	99.77	16.23
		For >50 To 100, Deduct	*-3.10*	
		For >100 To 250, Deduct	*-5.60*	
		For >250 To 500, Deduct	*-9.98*	
		For >500, Deduct	*-14.36*	
26 51 19 00-0164	EA	6" LED Trim, Wall Wash - Specular reflector, repositionable Specular kick reflector, White Flange (Cooper Halo 695WW)	100.94	16.23
		For >50 To 100, Deduct	*-3.13*	
		For >100 To 250, Deduct	*-5.66*	
		For >250 To 500, Deduct	*-10.09*	
		For >500, Deduct	*-14.53*	
26 51 19 00-0165	EA	6" LED Trim, White Shallow Baffle And Flange (Cooper Halo 696WB)	61.20	16.23
		For >50 To 100, Deduct	*-2.14*	
		For >100 To 250, Deduct	*-3.67*	
		For >250 To 500, Deduct	*-6.12*	
		For >500, Deduct	*-8.57*	
26 51 19 00-0166	EA	6" LED, Insulated Ceiling, Air-Tite, New Construction Housing (Cooper Halo H750ICAT)	57.86	34.77
		For >50 To 100, Deduct	*-2.75*	
		For >100 To 250, Deduct	*-4.20*	
		For >250 To 500, Deduct	*-5.79*	
		For >500, Deduct	*-7.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0167	EA	6" LED, Insulated Ceiling, Air-Tite, Remodel Housing (Cooper Halo H750RICAT)	63.05	34.77
		For >50 To 100, Deduct	*-2.88*	
		For >100 To 250, Deduct	*-4.46*	
		For >250 To 500, Deduct	*-6.31*	
		For >500, Deduct	*-8.15*	
26 51 19 00-0168	EA	6" LED, Non-IC, Air-Tite, New Construction Housing (Cooper Halo H750T)	60.97	34.77
		For >50 To 100, Deduct	*-2.83*	
		For >100 To 250, Deduct	*-4.35*	
		For >250 To 500, Deduct	*-6.10*	
		For >500, Deduct	*-7.84*	
26 51 19 00-0169	EA	6" LED, Non-IC, New Construction/Remodel Chicago Plenum Housing (Cooper Halo H750TCP)	81.43	34.77
		For >50 To 100, Deduct	*-3.34*	
		For >100 To 250, Deduct	*-5.38*	
		For >250 To 500, Deduct	*-8.14*	
		For >500, Deduct	*-10.91*	
26 51 19 00-0170	EA	6" LED, Shallow, Insulated Ceiling, Air-Tite, New Constr. (Cooper Halo H2750ICAT)	79.03	34.77
		For >50 To 100, Deduct	*-3.28*	
		For >100 To 250, Deduct	*-5.26*	
		For >250 To 500, Deduct	*-7.90*	
		For >500, Deduct	*-10.55*	
26 51 19 00-0171	EA	6" Insulated Ceiling, Air-Tite New Construction Housing (Cooper Halo H7ICAT)	63.76	34.77
		For >50 To 100, Deduct	*-2.90*	
		For >100 To 250, Deduct	*-4.49*	
		For >250 To 500, Deduct	*-6.38*	
		For >500, Deduct	*-8.26*	
26 51 19 00-0172	EA	6" Insulated Ceiling, Air-Tite Remodel Housing (Cooper Halo H7RICAT)	67.26	34.77
		For >50 To 100, Deduct	*-2.99*	
		For >100 To 250, Deduct	*-4.67*	
		For >250 To 500, Deduct	*-6.73*	
		For >500, Deduct	*-8.79*	
26 51 19 00-0173	EA	6" Insulated Ceiling, New Construction Housing (Cooper Halo H7ICT)	63.03	34.77
		For >50 To 100, Deduct	*-2.88*	
		For >100 To 250, Deduct	*-4.46*	
		For >250 To 500, Deduct	*-6.30*	
		For >500, Deduct	*-8.15*	
26 51 19 00-0174	EA	6" Insulated Ceiling, Remodel Housing (Cooper Halo H7RICT)	66.86	34.77
		For >50 To 100, Deduct	*-2.98*	
		For >100 To 250, Deduct	*-4.65*	
		For >250 To 500, Deduct	*-6.69*	
		For >500, Deduct	*-8.73*	
26 51 19 00-0175	EA	6" Insulated Ceiling, Air-Tite New Construction Housing, No Socket Bracket (Cooper Halo H7ICATNB)	63.67	34.77
		For >50 To 100, Deduct	*-2.90*	
		For >100 To 250, Deduct	*-4.49*	
		For >250 To 500, Deduct	*-6.37*	
		For >500, Deduct	*-8.25*	
26 51 19 00-0176	EA	6" Insulated Ceiling, New Construction Housing, No Socket Bracket (Cooper Halo H7ICTNB)	63.31	34.77
		For >50 To 100, Deduct	*-2.89*	
		For >100 To 250, Deduct	*-4.47*	
		For >250 To 500, Deduct	*-6.33*	
		For >500, Deduct	*-8.19*	
26 51 19 00-0177	EA	6" Non-IC, New Construction Housing (Cooper Halo H7T)	66.07	34.77
		For >50 To 100, Deduct	*-2.96*	
		For >100 To 250, Deduct	*-4.61*	
		For >250 To 500, Deduct	*-6.61*	
		For >500, Deduct	*-8.61*	
26 51 19 00-0178	EA	6" Non-IC, Remodel Housing (Cooper Halo H7RT)	67.57	34.77
		For >50 To 100, Deduct	*-2.99*	
		For >100 To 250, Deduct	*-4.68*	
		For >250 To 500, Deduct	*-6.76*	
		For >500, Deduct	*-8.83*	
26 51 19 00-0179	EA	6" Non-IC, New Construction Housing, No Socket Bracket (Cooper Halo H7TNB)	68.05	34.77
		For >50 To 100, Deduct	*-3.01*	
		For >100 To 250, Deduct	*-4.71*	
		For >250 To 500, Deduct	*-6.81*	
		For >500, Deduct	*-8.90*	
26 51 19 00-0180	EA	6" Non-IC, Chicago Plenum, New Construction/Remodel Housing (Cooper Halo H7TCP)	91.22	34.77
		For >50 To 100, Deduct	*-3.58*	
		For >100 To 250, Deduct	*-5.87*	
		For >250 To 500, Deduct	*-9.12*	
		For >500, Deduct	*-12.38*	
26 51 19 00-0181	EA	6" Insulated Ceiling, Universal New Construction Housing (Cooper Halo H7UICT)	85.41	34.77
		For >50 To 100, Deduct	*-3.44*	
		For >100 To 250, Deduct	*-5.57*	
		For >250 To 500, Deduct	*-8.54*	
		For >500, Deduct	*-11.51*	
26 51 19 00-0182	EA	6" Insulated Ceiling, Universal, Air-Tite, New Construction Housing (Cooper Halo H7UICAT)	86.08	34.77
		For >50 To 100, Deduct	*-3.46*	
		For >100 To 250, Deduct	*-5.61*	
		For >250 To 500, Deduct	*-8.61*	
		For >500, Deduct	*-11.61*	
26 51 19 00-0183	EA	6" Insulated Ceiling, Air-Tite New Construction Housing (Cooper Halo EI700AT)	89.97	34.77
		For >50 To 100, Deduct	*-3.55*	
		For >100 To 250, Deduct	*-5.80*	
		For >250 To 500, Deduct	*-9.00*	
		For >500, Deduct	*-12.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0184	EA	6" Insulated Ceiling, Air-Tite Remodel Housing (Cooper Halo EI700RAT)	89.97	34.77
		For >50 To 100, Deduct	*-3.55*	
		For >100 To 250, Deduct	*-5.80*	
		For >250 To 500, Deduct	*-9.00*	
		For >500, Deduct	*-12.19*	
26 51 19 00-0185	EA	6" Insulated Ceiling, New Construction Housing (Cooper Halo EI700)	89.97	34.77
		For >50 To 100, Deduct	*-3.55*	
		For >100 To 250, Deduct	*-5.80*	
		For >250 To 500, Deduct	*-9.00*	
		For >500, Deduct	*-12.19*	
26 51 19 00-0186	EA	6" Insulated Ceiling, Remodel Housing (Cooper Halo EI700R)	89.97	34.77
		For >50 To 100, Deduct	*-3.55*	
		For >100 To 250, Deduct	*-5.80*	
		For >250 To 500, Deduct	*-9.00*	
		For >500, Deduct	*-12.19*	
26 51 19 00-0187	EA	6" Insulated Ceiling, Air-Tite New Construction Housing, No Socket Bracket (Cooper Halo EI700ATNB)	89.97	34.77
		For >50 To 100, Deduct	*-3.55*	
		For >100 To 250, Deduct	*-5.80*	
		For >250 To 500, Deduct	*-9.00*	
		For >500, Deduct	*-12.19*	
26 51 19 00-0188	EA	6" Insulated Ceiling, New Construction Housing, No Socket Bracket (Cooper Halo EI700NB)	79.80	34.77
		For >50 To 100, Deduct	*-3.30*	
		For >100 To 250, Deduct	*-5.29*	
		For >250 To 500, Deduct	*-7.98*	
		For >500, Deduct	*-10.67*	
26 51 19 00-0189	EA	6" Insulated Ceiling, Universal New Construction Housing (Cooper Halo EI700U)	79.80	34.77
		For >50 To 100, Deduct	*-3.30*	
		For >100 To 250, Deduct	*-5.29*	
		For >250 To 500, Deduct	*-7.98*	
		For >500, Deduct	*-10.67*	
26 51 19 00-0190	EA	6" Insulated Ceiling, Universal, Air-Tite, New Construction Housing (Cooper Halo EI700UAT)	79.80	34.77
		For >50 To 100, Deduct	*-3.30*	
		For >100 To 250, Deduct	*-5.29*	
		For >250 To 500, Deduct	*-7.98*	
		For >500, Deduct	*-10.67*	
26 51 19 00-0191	EA	6" Non-IC, New Construction Housing (Cooper Halo ET700)	79.80	34.77
		For >50 To 100, Deduct	*-3.30*	
		For >100 To 250, Deduct	*-5.29*	
		For >250 To 500, Deduct	*-7.98*	
		For >500, Deduct	*-10.67*	
26 51 19 00-0192	EA	6" Non-IC, Remodel Housing (Cooper Halo ET700R)	79.80	34.77
		For >50 To 100, Deduct	*-3.30*	
		For >100 To 250, Deduct	*-5.29*	
		For >250 To 500, Deduct	*-7.98*	
		For >500, Deduct	*-10.67*	
26 51 19 00-0193	EA	6" Shallow, Insulated Ceiling, Air-Tite New Construction (Cooper Halo H27ICAT)	80.54	34.77
		For >50 To 100, Deduct	*-3.32*	
		For >100 To 250, Deduct	*-5.33*	
		For >250 To 500, Deduct	*-8.05*	
		For >500, Deduct	*-10.78*	
26 51 19 00-0194	EA	6" Shallow, Insulated Ceiling, Air-Tite Remodel Housing (Cooper Halo H27RICAT)	91.97	34.77
		For >50 To 100, Deduct	*-3.60*	
		For >100 To 250, Deduct	*-5.90*	
		For >250 To 500, Deduct	*-9.20*	
		For >500, Deduct	*-12.49*	
26 51 19 00-0195	EA	6" Shallow, Insulated Ceiling, New Construction Housing (Cooper Halo H27ICT)	80.54	34.77
		For >50 To 100, Deduct	*-3.32*	
		For >100 To 250, Deduct	*-5.33*	
		For >250 To 500, Deduct	*-8.05*	
		For >500, Deduct	*-10.78*	
26 51 19 00-0196	EA	6" Shallow, Insulated Ceiling, Remodel Housing (Cooper Halo H27RICT)	88.74	34.77
		For >50 To 100, Deduct	*-3.52*	
		For >100 To 250, Deduct	*-5.74*	
		For >250 To 500, Deduct	*-8.87*	
		For >500, Deduct	*-12.01*	
26 51 19 00-0197	EA	6" Shallow, Non-IC, New Construction Housing (Cooper Halo H27T)	75.91	34.77
		For >50 To 100, Deduct	*-3.20*	
		For >100 To 250, Deduct	*-5.10*	
		For >250 To 500, Deduct	*-7.59*	
		For >500, Deduct	*-10.08*	
26 51 19 00-0198	EA	6" Shallow, Non-IC, Remodel Housing (Cooper Halo H27RT)	77.03	34.77
		For >50 To 100, Deduct	*-3.23*	
		For >100 To 250, Deduct	*-5.16*	
		For >250 To 500, Deduct	*-7.70*	
		For >500, Deduct	*-10.25*	
26 51 19 00-0199	EA	6" Shallow, Insulated Ceiling, Air-Tite New Construction (Cooper Halo EI2700AT)	85.02	34.77
		For >50 To 100, Deduct	*-3.43*	
		For >100 To 250, Deduct	*-5.56*	
		For >250 To 500, Deduct	*-8.50*	
		For >500, Deduct	*-11.45*	
26 51 19 00-0200	EA	6" Shallow, Insulated Ceiling, New Construction Housing (Cooper Halo EI2700)	85.02	34.77
		For >50 To 100, Deduct	*-3.43*	
		For >100 To 250, Deduct	*-5.56*	
		For >250 To 500, Deduct	*-8.50*	
		For >500, Deduct	*-11.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0201	EA	6" Shallow, Insulated Ceiling, Air-Tite Remodel Housing (Cooper Halo EI2700R)	85.02	34.77
		For >50 To 100, Deduct	*-3.43*	
		For >100 To 250, Deduct	*-5.56*	
		For >250 To 500, Deduct	*-8.50*	
		For >500, Deduct	*-11.45*	
26 51 19 00-0202	EA	6" Shallow, Non-IC, New Construction Housing (Cooper Halo ET2700)	85.02	34.77
		For >50 To 100, Deduct	*-3.43*	
		For >100 To 250, Deduct	*-5.56*	
		For >250 To 500, Deduct	*-8.50*	
		For >500, Deduct	*-11.45*	
26 51 19 00-0203	EA	6" Shallow, Non-IC, Remodel Housing (Cooper Halo ET2700R)	85.02	34.77
		For >50 To 100, Deduct	*-3.43*	
		For >100 To 250, Deduct	*-5.56*	
		For >250 To 500, Deduct	*-8.50*	
		For >500, Deduct	*-11.45*	
26 51 19 00-0204	EA	6" Retrofit Enclosure, Non-IC, BX Whip (Cooper Halo ML7BXRFK)	69.63	16.23
		For >50 To 100, Deduct	*-2.35*	
		For >100 To 250, Deduct	*-4.09*	
		For >250 To 500, Deduct	*-6.96*	
		For >500, Deduct	*-9.84*	
26 51 19 00-0205	EA	6" Retrofit Enclosure, Non-IC, E26 Screw base Interface (Cooper Halo ML7E26RFK)	71.95	16.23
		For >50 To 100, Deduct	*-2.41*	
		For >100 To 250, Deduct	*-4.21*	
		For >250 To 500, Deduct	*-7.20*	
		For >500, Deduct	*-10.18*	
26 51 19 00-0206	EA	5" LED, Insulated Ceiling, Air-Tite, New Construction Housing (Cooper Halo H550ICAT)	70.86	34.77
		For >50 To 100, Deduct	*-3.08*	
		For >100 To 250, Deduct	*-4.85*	
		For >250 To 500, Deduct	*-7.09*	
		For >500, Deduct	*-9.33*	
26 51 19 00-0207	EA	5" LED, Insulated Ceiling, Air-Tite, Remodel Housing (Cooper Halo H550RICAT)	71.13	34.77
		For >50 To 100, Deduct	*-3.08*	
		For >100 To 250, Deduct	*-4.86*	
		For >250 To 500, Deduct	*-7.11*	
		For >500, Deduct	*-9.37*	
26 51 19 00-0208	EA	5" Insulated Ceiling, Air-Tite New Construction Housing (Cooper Halo H5ICAT)	66.32	34.77
		For >50 To 100, Deduct	*-2.96*	
		For >100 To 250, Deduct	*-4.62*	
		For >250 To 500, Deduct	*-6.63*	
		For >500, Deduct	*-8.64*	
26 51 19 00-0209	EA	5" Insulated Ceiling, Air-Tite Remodel Housing (Cooper Halo H5RICAT)	68.68	34.77
		For >50 To 100, Deduct	*-3.02*	
		For >100 To 250, Deduct	*-4.74*	
		For >250 To 500, Deduct	*-6.87*	
		For >500, Deduct	*-9.00*	
26 51 19 00-0210	EA	5" Non-IC, New Construction Housing (Cooper Halo H5T)	67.91	34.77
		For >50 To 100, Deduct	*-3.00*	
		For >100 To 250, Deduct	*-4.70*	
		For >250 To 500, Deduct	*-6.79*	
		For >500, Deduct	*-8.88*	
26 51 19 00-0211	EA	5" Non-IC, Remodel Housing (Cooper Halo H5RT)	68.63	34.77
		For >50 To 100, Deduct	*-3.02*	
		For >100 To 250, Deduct	*-4.74*	
		For >250 To 500, Deduct	*-6.86*	
		For >500, Deduct	*-8.99*	
26 51 19 00-0212	EA	5" Insulated Ceiling, Air-Tite New Construction Housing (Cooper Halo EI500AT)	78.79	34.77
		For >50 To 100, Deduct	*-3.27*	
		For >100 To 250, Deduct	*-5.24*	
		For >250 To 500, Deduct	*-7.88*	
		For >500, Deduct	*-10.51*	
26 51 19 00-0213	EA	5" Insulated Ceiling, Air-Tite Remodel Housing (Cooper Halo EI500RAT)	79.33	34.77
		For >50 To 100, Deduct	*-3.29*	
		For >100 To 250, Deduct	*-5.27*	
		For >250 To 500, Deduct	*-7.93*	
		For >500, Deduct	*-10.60*	
26 51 19 00-0214	EA	5" Non-IC, New Construction Housing (Cooper Halo ET500)	82.06	34.77
		For >50 To 100, Deduct	*-3.36*	
		For >100 To 250, Deduct	*-5.41*	
		For >250 To 500, Deduct	*-8.21*	
		For >500, Deduct	*-11.01*	
26 51 19 00-0215	EA	5" Non-IC, Remodel Housing (Cooper Halo ET500R)	83.98	34.77
		For >50 To 100, Deduct	*-3.40*	
		For >100 To 250, Deduct	*-5.50*	
		For >250 To 500, Deduct	*-8.40*	
		For >500, Deduct	*-11.29*	
26 51 19 00-0216	EA	5" Shallow, Insulated Ceiling, Air-Tite New Construction (Cooper Halo H25ICAT)	92.38	34.77
		For >50 To 100, Deduct	*-3.61*	
		For >100 To 250, Deduct	*-5.92*	
		For >250 To 500, Deduct	*-9.24*	
		For >500, Deduct	*-12.55*	

26 51 19 00-0217 Recessed LED Downlights (Maxlite DLR) *(26 51 19 00-0108)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0218	EA	4" Diameter, 1,000 Lumens, Recessed LED Downlight Retrofit (MaxLite DLR410)	172.13	51.00
		For >50 To 100, Deduct	*-6.22*	
		For >100 To 250, Deduct	*-10.52*	
		For >250 To 500, Deduct	*-17.21*	
		For >500, Deduct	*-23.91*	
26 51 19 00-0219	EA	4" Diameter, 1,500 Lumens, Recessed LED Downlight Retrofit (MaxLite DLR415)	174.57	51.00
		For >50 To 100, Deduct	*-6.28*	
		For >100 To 250, Deduct	*-10.64*	
		For >250 To 500, Deduct	*-17.46*	
		For >500, Deduct	*-24.27*	
26 51 19 00-0220	EA	4" Diameter, 2,000 Lumens, Recessed LED Downlight Retrofit (MaxLite DLR420)	181.94	51.00
		For >50 To 100, Deduct	*-6.46*	
		For >100 To 250, Deduct	*-11.01*	
		For >250 To 500, Deduct	*-18.19*	
		For >500, Deduct	*-25.38*	
26 51 19 00-0221	EA	6" Diameter, 1,500 Lumens, Recessed LED Downlight Retrofit (MaxLite DLR615)	167.21	51.00
		For >50 To 100, Deduct	*-6.09*	
		For >100 To 250, Deduct	*-10.27*	
		For >250 To 500, Deduct	*-16.72*	
		For >500, Deduct	*-23.17*	
26 51 19 00-0222	EA	6" Diameter, 2,000 Lumens, Recessed LED Downlight Retrofit (MaxLite DLR620)	167.21	51.00
		For >50 To 100, Deduct	*-6.09*	
		For >100 To 250, Deduct	*-10.27*	
		For >250 To 500, Deduct	*-16.72*	
		For >500, Deduct	*-23.17*	
26 51 19 00-0223	EA	6" Diameter, 3,000 Lumens, Recessed LED Downlight Retrofit (MaxLite DLR630)	167.21	51.00
		For >50 To 100, Deduct	*-6.09*	
		For >100 To 250, Deduct	*-10.27*	
		For >250 To 500, Deduct	*-16.72*	
		For >500, Deduct	*-23.17*	
26 51 19 00-0224	EA	8" Diameter, 1,000 Lumens, Recessed LED Downlight Retrofit (MaxLite DLR810)	181.94	51.00
		For >50 To 100, Deduct	*-6.46*	
		For >100 To 250, Deduct	*-11.01*	
		For >250 To 500, Deduct	*-18.19*	
		For >500, Deduct	*-25.38*	
26 51 19 00-0225	EA	8" Diameter, 1,500 Lumens, Recessed LED Downlight Retrofit (MaxLite DLR815)	184.38	51.00
		For >50 To 100, Deduct	*-6.52*	
		For >100 To 250, Deduct	*-11.13*	
		For >250 To 500, Deduct	*-18.44*	
		For >500, Deduct	*-25.74*	
26 51 19 00-0226	EA	8" Diameter, 2,000 Lumens, Recessed LED Downlight Retrofit (MaxLite DLR820)	189.28	51.00
		For >50 To 100, Deduct	*-6.64*	
		For >100 To 250, Deduct	*-11.38*	
		For >250 To 500, Deduct	*-18.93*	
		For >500, Deduct	*-26.48*	
26 51 19 00-0227	EA	8" Diameter, 3,000 Lumens, Recessed LED Downlight Retrofit (MaxLite DLR830)	203.99	51.00
		For >50 To 100, Deduct	*-7.01*	
		For >100 To 250, Deduct	*-12.11*	
		For >250 To 500, Deduct	*-20.40*	
		For >500, Deduct	*-28.69*	
26 51 19 00-0228	EA	8" Diameter, 5,000 Lumens, Recessed LED Downlight Retrofit (MaxLite DLR850)	223.61	51.00
		For >50 To 100, Deduct	*-7.50*	
		For >100 To 250, Deduct	*-13.09*	
		For >250 To 500, Deduct	*-22.36*	
		For >500, Deduct	*-31.63*	

26 51 19 00-0229 Recessed LED Downlight Retrofits And Trim (CREE®) *(26 51 19 00-0107)*

26 51 19 00-0230 Recessed LED Downlight Retrofits (CREE®) *(26 51 19 00-0229)*

Note: Dimmable to 5%. For installation in standard recessed IC or non-IC housings. Includes removal of existing lamp from fixture. Excludes housing and disposal of hazardous lamps.

26 51 19 00-0231	EA	4" Diameter, 575 Lumens, Recessed LED Downlight Retrofit (Cree® CR4-575L)	112.01	
		For >50 To 100, Deduct	*-3.52*	
		For >100 To 250, Deduct	*-6.33*	
		For >250 To 500, Deduct	*-11.20*	
		For >500, Deduct	*-16.08*	
26 51 19 00-0232	EA	6" Diameter, 625 Lumens, Recessed LED Downlight Retrofit (Cree® CR6-625L)	98.54	
		For >50 To 100, Deduct	*-3.19*	
		For >100 To 250, Deduct	*-5.65*	
		For >250 To 500, Deduct	*-9.85*	
		For >500, Deduct	*-14.06*	
26 51 19 00-0233	EA	6" Diameter, 800 Lumens, Recessed LED Downlight Retrofit (Cree® CR6-800L)	125.47	
		For >50 To 100, Deduct	*-3.86*	
		For >100 To 250, Deduct	*-7.00*	
		For >250 To 500, Deduct	*-12.55*	
		For >500, Deduct	*-18.10*	
26 51 19 00-0234	EA	6" Diameter, 650 Lumens, Recessed LED Downlight Retrofit (Cree® LR6C-277)	141.17	
		For >50 To 100, Deduct	*-4.25*	
		For >100 To 250, Deduct	*-7.78*	
		For >250 To 500, Deduct	*-14.12*	
		For >500, Deduct	*-20.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0235	EA	6" Diameter, 1,000 Lumens, Deep Recessed LED Downlight Retrofit (Cree® LR6-10L-XXX-120V-A-DR)	154.63	
		For >50 To 100, Deduct	*-4.59*	
		For >100 To 250, Deduct	*-8.46*	
		For >250 To 500, Deduct	*-15.46*	
		For >500, Deduct	*-22.47*	

26 51 19 00-0236 Recessed LED Downlight Retrofits Trim (CREE®) *(26 51 19 00-0229)*

Note: For installation in standard recessed IC or non-IC housings. Excludes housing and lamp.

26 51 19 00-0237	EA	6" Diameter, Diffuse Anodized Finish Reflector For LED Downlight Retrofits (Cree® CT6AX)	39.82	8.11
		For >50 To 100, Deduct	*-1.43*	
		For >100 To 250, Deduct	*-2.43*	
		For >250 To 500, Deduct	*-3.98*	
		For >500, Deduct	*-5.54*	
26 51 19 00-0238	EA	6" Diameter, Diffuse Anodized Finish Reflector With Painted Flange For LED Downlight Retrofits (Cree® LT6AP)	48.80	8.11
		For >50 To 100, Deduct	*-1.65*	
		For >100 To 250, Deduct	*-2.87*	
		For >250 To 500, Deduct	*-4.88*	
		For >500, Deduct	*-6.89*	
26 51 19 00-0239	EA	6" Diameter, Flat Black Finish Trim And Reflector For LED Downlight Retrofits (Cree® CT6BB)	42.07	8.11
		For >50 To 100, Deduct	*-1.49*	
		For >100 To 250, Deduct	*-2.54*	
		For >250 To 500, Deduct	*-4.21*	
		For >500, Deduct	*-5.88*	

26 51 19 00-0240 Recessed LED Downlight Fixture Housings (CREE®) *(26 51 19 00-0229)*

Note: Excludes lamp and trim.

26 51 19 00-0241	EA	6" Diameter, IC Rated, Architectural Recessed LED Downlight Fixture Housing (Cree® H6)	106.02	34.77
		For >50 To 100, Deduct	*-3.95*	
		For >100 To 250, Deduct	*-6.61*	
		For >250 To 500, Deduct	*-10.60*	
		For >500, Deduct	*-14.60*	
26 51 19 00-0242	EA	6" Diameter, IC Rated, Retrofit Recessed LED Downlight Fixture Housing (Cree® RR6)	74.59	34.77
		For >50 To 100, Deduct	*-3.17*	
		For >100 To 250, Deduct	*-5.03*	
		For >250 To 500, Deduct	*-7.46*	
		For >500, Deduct	*-9.88*	

26 51 19 00-0243 Can Retrofit Or Surface Mount, LED Downlights *(26 51 19 00-0107)*

26 51 19 00-0244	EA	6" Diameter, 15 Watt, Can Retrofit Or Surface Mount, LED Downlight (Lighting Science® GLP6)	94.04	31.76
		For >50 To 100, Deduct	*-3.54*	
		For >100 To 250, Deduct	*-5.89*	
		For >250 To 500, Deduct	*-9.40*	
		For >500, Deduct	*-12.91*	
26 51 19 00-0245	EA	4" Diameter, 7 Watt, Can Retrofit, LED Downlight (Green Creative0 1-811-D)	76.01	31.76
		For >50 To 100, Deduct	*-3.09*	
		For >100 To 250, Deduct	*-4.99*	
		For >250 To 500, Deduct	*-7.60*	
		For >500, Deduct	*-10.21*	
26 51 19 00-0246	EA	6" Diameter, 9.5 Watt, Can Retrofit, LED Downlight (Green Creative0 1-808-D)	76.01	31.76
		For >50 To 100, Deduct	*-3.09*	
		For >100 To 250, Deduct	*-4.99*	
		For >250 To 500, Deduct	*-7.60*	
		For >500, Deduct	*-10.21*	
26 51 19 00-0247	EA	6" Diameter, 8.9 Watt, Can Retrofit, LED Downlight (Lithonia 6BP)	135.18	31.76
		For Recessed IC/Non-IC Rated Housing For New Construction, Add	*48.83*	
		For >50 To 100, Deduct	*-4.57*	
		For >100 To 250, Deduct	*-7.95*	
		For >250 To 500, Deduct	*-13.52*	
		For >500, Deduct	*-19.09*	
26 51 19 00-0248	EA	4" Diameter, 8 Watt, 600 Lumens, Retrofit LED Downlight (Sylvania LED/RT4/550/840)	66.07	31.76
		For >50 To 100, Deduct	*-2.84*	
		For >100 To 250, Deduct	*-4.49*	
		For >250 To 500, Deduct	*-6.61*	
		For >500, Deduct	*-8.72*	
26 51 19 00-0249	EA	5" Diameter, 10 Watt, 700 Lumens, Retrofit LED Downlight (Sylvania LED/RT5/6/625/840)	73.47	31.76
		For >50 To 100, Deduct	*-3.03*	
		For >100 To 250, Deduct	*-4.86*	
		For >250 To 500, Deduct	*-7.35*	
		For >500, Deduct	*-9.83*	
26 51 19 00-0250	EA	6" Diameter, 800 Lumens, 10 Watt, Retrofit LED Wallwash Downlight (Indy Lighting LRT6-08LM)	915.43	31.76
		For >50 To 100, Deduct	*-24.08*	
		For >100 To 250, Deduct	*-46.96*	
		For >250 To 500, Deduct	*-91.54*	
		For >500, Deduct	*-136.12*	

26 51 19 00-0251 Wall Mount LED Cylinder Downlight *(26 51 19 00-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0252	EA	9" Diameter, 2,200 Lumens, Wall Mount LED Cylinder Downlight With Semi-Specular Trim (Gotham® EVO® CLED9)	367.76	49.34
		For >50 To 100, Deduct	*-11.05*	
		For >100 To 250, Deduct	*-20.24*	
		For >250 To 500, Deduct	*-36.78*	
		For >500, Deduct	*-53.31*	
26 51 19 00-0253		**Wall Sconce And Wall Wash LED Fixtures** *(26 51 19 00-0001)*		
26 51 19 00-0254		**LED Wall Sconce Fixtures (Hudson Valley Lighting)** *(26 51 19 00-0253)*		
26 51 19 00-0255	EA	2-1/2" Diameter x 15-1/2" High, Polished Nickel, LED Wall Sconce (Hudson Valley Lighting SHAW 1200-PN)	522.84	46.36
		For >50 To 100, Deduct	*-14.81*	
		For >100 To 250, Deduct	*-27.88*	
		For >250 To 500, Deduct	*-52.28*	
		For >500, Deduct	*-76.69*	
26 51 19 00-0256		**LED Wall Sconce Fixtures (Kichler)** *(26 51 19 00-0253)*		
26 51 19 00-0257	EA	6" High x 11.75" Wide x 3.5" Deep, 900 Lumens, 15 Watt, White Acrylic Diffuser, Brushed Nickel, LED Wall Sconce (Kichler 10790NILED)	289.03	46.36
		For >50 To 100, Deduct	*-8.96*	
		For >100 To 250, Deduct	*-16.19*	
		For >250 To 500, Deduct	*-28.90*	
		For >500, Deduct	*-41.62*	
26 51 19 00-0258		**LED Wall Sconce Fixtures (Metalux)** *(26 51 19 00-0253)*		
26 51 19 00-0259	EA	9.875" High x 7.125" Wide x 3.5" Deep, 9 Watt, White Acrylic Diffuser, Brushed Nickel, LED Wall Sconce (Metalux AFX VNTS071009L30ENBN)	156.57	46.36
		For >50 To 100, Deduct	*-5.65*	
		For >100 To 250, Deduct	*-9.57*	
		For >250 To 500, Deduct	*-15.66*	
		For >500, Deduct	*-21.75*	
26 51 19 00-0260	EA	5" LED, Cape Sconce Wall Light, White (AFX CAPW050804L30ENWH)	145.69	46.36
		For >50 To 100, Deduct	*-5.38*	
		For >100 To 250, Deduct	*-9.02*	
		For >250 To 500, Deduct	*-14.57*	
		For >500, Deduct	*-20.12*	
26 51 19 00-0261		**Concealed Continuous LED Fixtures** *(26 51 19 00-0001)*		
26 51 19 00-0262		**Concealed Continuous LED Fixtures (Fraqtir™ S301)** *(26 51 19 00-0261)*		
26 51 19 00-0263	LF	Fixed Surface Mount, Concealed Continuous LED Fixture With Remote Driver (Fraqtir™ S301)	717.47	5.29
		For >50 To 100, Deduct	*-18.20*	
		For >100 To 250, Deduct	*-36.14*	
		For >250 To 500, Deduct	*-71.75*	
		For >500, Deduct	*-107.36*	
26 51 19 00-0264	LF	Fixed Surface Mount, Concealed Continuous LED Fixture With Remote Dimming Driver (Fraqtir™ S301)	818.12	5.29
		For >50 To 100, Deduct	*-20.72*	
		For >100 To 250, Deduct	*-41.17*	
		For >250 To 500, Deduct	*-81.81*	
		For >500, Deduct	*-122.45*	
26 51 19 00-0265		**Low Bay LED Fixtures** *(26 51 19 00-0001)*		
26 51 19 00-0266		**LED Linear Low Bay Fixtures (PlanLED)** *(26 51 19 00-0265)*		
26 51 19 00-0267	EA	4' Length, 23 Watt, LED Linear Low Bay Fixture (PlanLED A1W4)	360.69	63.53
		For >50 To 100, Deduct	*-11.66*	
		For >100 To 250, Deduct	*-20.68*	
		For >250 To 500, Deduct	*-36.07*	
		For >500, Deduct	*-51.46*	
26 51 19 00-0268	EA	4' Length, 42 Watt, LED Linear Low Bay Fixture (PlanLED A2W4A)	492.33	63.53
		For >50 To 100, Deduct	*-14.96*	
		For >100 To 250, Deduct	*-27.26*	
		For >250 To 500, Deduct	*-49.23*	
		For >500, Deduct	*-71.20*	
26 51 19 00-0269	EA	8' Length, 84 Watt, LED Linear Low Bay Fixture (PlanLED A2W5A)	822.44	79.42
		For >50 To 100, Deduct	*-23.87*	
		For >100 To 250, Deduct	*-44.43*	
		For >250 To 500, Deduct	*-82.24*	
		For >500, Deduct	*-120.06*	
26 51 19 00-0270		**LED Low Bay Fixtures (CREE®)** *(26 51 19 00-0265)*		
26 51 19 00-0271		**LED Low Bay Fixtures (CREE® LS)** *(26 51 19 00-0270)*		
		Note: Includes 120/277 voltage and 22 gauge steel housing assembly. Excludes sensors.		
26 51 19 00-0272	EA	2,500 Lumens, 4' Length, LED Low Bay Fixture (Cree® LS4-25L-35K-10V)	329.05	63.53
		For >50 To 100, Deduct	*-10.87*	
		For >100 To 250, Deduct	*-19.10*	
		For >250 To 500, Deduct	*-32.91*	
		For >500, Deduct	*-46.71*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0273	EA	2,500 Lumens, 4' Length, LED Low Bay Fixture (Cree® LS4-25L-50K-10V)	351.93	63.53
		For >50 To 100, Deduct	*-11.45*	
		For >100 To 250, Deduct	*-20.24*	
		For >250 To 500, Deduct	*-35.19*	
		For >500, Deduct	*-50.14*	
26 51 19 00-0274	EA	4,000 Lumens, 4' Length, LED Low Bay Fixture (Cree® LS4-40L-35K-10V)	338.58	63.53
		For >50 To 100, Deduct	*-11.11*	
		For >100 To 250, Deduct	*-19.58*	
		For >250 To 500, Deduct	*-33.86*	
		For >500, Deduct	*-48.14*	
26 51 19 00-0275	EA	4,000 Lumens, 4' Length, LED Low Bay Fixture (Cree® LS4-40L-50K-10V)	361.47	63.53
		For >50 To 100, Deduct	*-11.68*	
		For >100 To 250, Deduct	*-20.72*	
		For >250 To 500, Deduct	*-36.15*	
		For >500, Deduct	*-51.57*	
26 51 19 00-0276	EA	5,000 Lumens, 4' Length, LED Low Bay Fixture (Cree® LS4-50L-35K-10V)	378.64	63.53
		For >50 To 100, Deduct	*-12.11*	
		For >100 To 250, Deduct	*-21.58*	
		For >250 To 500, Deduct	*-37.86*	
		For >500, Deduct	*-54.15*	
26 51 19 00-0277	EA	5,000 Lumens, 4' Length, LED Low Bay Fixture (Cree® LS4-50L-50K-10V)	401.53	63.53
		For >50 To 100, Deduct	*-12.69*	
		For >100 To 250, Deduct	*-22.72*	
		For >250 To 500, Deduct	*-40.15*	
		For >500, Deduct	*-57.58*	
26 51 19 00-0278	EA	8,000 Lumens, 8' Length, LED Low Bay Fixture (Cree® LS8-80L-35K-10V)	532.90	79.42
		For >50 To 100, Deduct	*-16.63*	
		For >100 To 250, Deduct	*-29.95*	
		For >250 To 500, Deduct	*-53.29*	
		For >500, Deduct	*-76.63*	
26 51 19 00-0279	EA	8,000 Lumens, 8' Length, LED Low Bay Fixture (Cree® LS8-80L-50K-10V)	574.86	79.42
		For >50 To 100, Deduct	*-17.68*	
		For >100 To 250, Deduct	*-32.05*	
		For >250 To 500, Deduct	*-57.49*	
		For >500, Deduct	*-82.92*	
26 51 19 00-0280	EA	10,000 Lumens, 8' Length, LED Low Bay Fixture (Cree® LS8-100L-35K-10V)	662.60	79.42
		For >50 To 100, Deduct	*-19.87*	
		For >100 To 250, Deduct	*-36.44*	
		For >250 To 500, Deduct	*-66.26*	
		For >500, Deduct	*-96.08*	
26 51 19 00-0281	EA	10,000 Lumens, 8' Length, LED Low Bay Fixture (Cree® LS8-100L-50K-10V)	685.48	79.42
		For >50 To 100, Deduct	*-20.45*	
		For >100 To 250, Deduct	*-37.58*	
		For >250 To 500, Deduct	*-68.55*	
		For >500, Deduct	*-99.51*	

26 51 19 00-0282 LED Low Bay Fixtures (CREE® LN) *(26 51 19 00-0270)*

Note: Includes 120/277 voltage and aluminum housing assembly. Excludes sensors.

26 51 19 00-0283	EA	3,400 Lumens, 4' Length, LED Low Bay Fixture (Cree® LN4-34L-35K-10V)	752.47	63.53
		For >50 To 100, Deduct	*-21.46*	
		For >100 To 250, Deduct	*-40.27*	
		For >250 To 500, Deduct	*-75.25*	
		For >500, Deduct	*-110.22*	
26 51 19 00-0284	EA	3,400 Lumens, 4' Length, LED Low Bay Fixture, Smartcast Technology (Cree® LN4-34L-35K-CMA)	847.84	63.53
		For >50 To 100, Deduct	*-23.84*	
		For >100 To 250, Deduct	*-45.04*	
		For >250 To 500, Deduct	*-84.78*	
		For >500, Deduct	*-124.53*	

26 51 19 00-0285 LED Linear Low Bay Fixtures (CREE® CS) *(26 51 19 00-0270)*

Note: Includes 3,500 or 4,000K color temperature, 120/277 voltage and lightweight polymer housing assembly. Excludes sensors.

26 51 19 00-0286	EA	4,000 Lumens, 4' Length, LED Linear Low Bay Fixture (Cree® CS14™)	727.49	63.53
		For >50 To 100, Deduct	*-20.83*	
		For >100 To 250, Deduct	*-39.02*	
		For >250 To 500, Deduct	*-72.75*	
		For >500, Deduct	*-106.48*	
26 51 19 00-0287	EA	7,500 Lumens, 8' Length, LED Linear Low Bay Fixture (Cree® CS18™)	904.29	79.42
		For >50 To 100, Deduct	*-25.92*	
		For >100 To 250, Deduct	*-48.52*	
		For >250 To 500, Deduct	*-90.43*	
		For >500, Deduct	*-132.33*	
26 51 19 00-0288	EA	8,000 Lumens, 8' Length, LED Linear Low Bay Fixture (Cree® CS18™)	1,153.37	79.42
		For >50 To 100, Deduct	*-32.14*	
		For >100 To 250, Deduct	*-60.98*	
		For >250 To 500, Deduct	*-115.34*	
		For >500, Deduct	*-169.70*	

26 51 19 00-0289 Accessories For LED Low Bay Fixtures (CREE®) *(26 51 19 00-0270)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0290	EA	Continuous Row Through Wiring Kit For 4' Fixtures (Cree® LS4TWK)	62.69	17.42
		For >50 To 100, Deduct	*-2.29*	
		For >100 To 250, Deduct	*-3.86*	
		For >250 To 500, Deduct	*-6.27*	
		For >500, Deduct	*-8.68*	
26 51 19 00-0291	EA	Continuous Row Through Wiring Kit For 8' Fixtures (Cree® LS8TWK)	69.43	17.42
		For >50 To 100, Deduct	*-2.46*	
		For >100 To 250, Deduct	*-4.20*	
		For >250 To 500, Deduct	*-6.94*	
		For >500, Deduct	*-9.69*	
26 51 19 00-0292	EA	Top Housing Aligner For Continuous Row Installations (Cree® LS-RJ)	51.46	17.42
		For >50 To 100, Deduct	*-2.01*	
		For >100 To 250, Deduct	*-3.30*	
		For >250 To 500, Deduct	*-5.15*	
		For >500, Deduct	*-6.99*	
26 51 19 00-0293	EA	Reflector Joint Aligner For Continuous Row Installations (Cree® LS-RFLJ)	40.25	17.42
		For >50 To 100, Deduct	*-1.73*	
		For >100 To 250, Deduct	*-2.74*	
		For >250 To 500, Deduct	*-4.03*	
		For >500, Deduct	*-5.31*	
26 51 19 00-0294	EA	Solid Reflector, Pair (Cree® LS4-SR)	141.22	17.42
		For >50 To 100, Deduct	*-4.26*	
		For >100 To 250, Deduct	*-7.79*	
		For >250 To 500, Deduct	*-14.12*	
		For >500, Deduct	*-20.46*	
26 51 19 00-0295	EA	Solid Reflector, Pair (Cree® LS8-SR)	197.33	17.42
		For >50 To 100, Deduct	*-5.66*	
		For >100 To 250, Deduct	*-10.59*	
		For >250 To 500, Deduct	*-19.73*	
		For >500, Deduct	*-28.87*	
26 51 19 00-0296	EA	5" Cable Canopy With #18/2 SJT Cord, 48" (Cree® AC5-18/2-48-Q14B-JB)	69.43	17.42
		For >50 To 100, Deduct	*-2.46*	
		For >100 To 250, Deduct	*-4.20*	
		For >250 To 500, Deduct	*-6.94*	
		For >500, Deduct	*-9.69*	
26 51 19 00-0297	EA	5" Cable Canopy With #18/2 SJT Cord, 72" (Cree® AC5-18/2-72-Q14B-JB)	100.84	17.42
		For >50 To 100, Deduct	*-3.25*	
		For >100 To 250, Deduct	*-5.77*	
		For >250 To 500, Deduct	*-10.08*	
		For >500, Deduct	*-14.40*	
26 51 19 00-0298	EA	5" Cable Canopy With #18/5 SJT Cord, 48" (Cree® AC5-18/5-48-Q14B-JB)	78.39	17.42
		For >50 To 100, Deduct	*-2.69*	
		For >100 To 250, Deduct	*-4.65*	
		For >250 To 500, Deduct	*-7.84*	
		For >500, Deduct	*-11.03*	
26 51 19 00-0299	EA	5" Cable Canopy With #18/5 SJT Cord, 72" (Cree® AC5-18/5-72-Q14B-JB)	107.57	17.42
		For >50 To 100, Deduct	*-3.42*	
		For >100 To 250, Deduct	*-6.10*	
		For >250 To 500, Deduct	*-10.76*	
		For >500, Deduct	*-15.41*	
26 51 19 00-0300	EA	5" Cable Canopy With #18/5 SJT Cord, 96" (Cree® AC5-18/5-96-Q14B-JB)	114.31	17.42
		For >50 To 100, Deduct	*-3.58*	
		For >100 To 250, Deduct	*-6.44*	
		For >250 To 500, Deduct	*-11.43*	
		For >500, Deduct	*-16.42*	
26 51 19 00-0301	EA	5" Cable Canopy With #12/3 SJT Cord, 48" (Cree® AC5-12/3-48-Q14B-JB)	96.34	17.42
		For >50 To 100, Deduct	*-3.13*	
		For >100 To 250, Deduct	*-5.54*	
		For >250 To 500, Deduct	*-9.63*	
		For >500, Deduct	*-13.73*	
26 51 19 00-0302	EA	5" Cable Canopy With #12/3 SJT Cord, 72" (Cree® AC5-12/3-72-Q14B-JB)	147.95	17.42
		For >50 To 100, Deduct	*-4.42*	
		For >100 To 250, Deduct	*-8.12*	
		For >250 To 500, Deduct	*-14.80*	
		For >500, Deduct	*-21.47*	
26 51 19 00-0303	EA	Set Of End Caps, One With Power Feed, One Without (Cree® LN-EC)	73.91	17.42
		For >50 To 100, Deduct	*-2.57*	
		For >100 To 250, Deduct	*-4.42*	
		For >250 To 500, Deduct	*-7.39*	
		For >500, Deduct	*-10.36*	
26 51 19 00-0304	EA	Canopy Kit With Aircraft Cable And Opening For Power Feed (Cree® LN-CK-5-AC)	91.86	17.42
		For >50 To 100, Deduct	*-3.02*	
		For >100 To 250, Deduct	*-5.32*	
		For >250 To 500, Deduct	*-9.19*	
		For >500, Deduct	*-13.05*	
26 51 19 00-0305	EA	Canopy Kit With Aircraft Cable No Opening For Power Feed (Cree® LN-CK-0-AC)	69.43	17.42
		For >50 To 100, Deduct	*-2.46*	
		For >100 To 250, Deduct	*-4.20*	
		For >250 To 500, Deduct	*-6.94*	
		For >500, Deduct	*-9.69*	
26 51 19 00-0306	EA	Emergency 125W Inverter, Ceiling Installed (Cree® ELI-125W)	1,465.97	42.35
		For >50 To 100, Deduct	*-38.24*	
		For >100 To 250, Deduct	*-74.89*	
		For >250 To 500, Deduct	*-146.60*	
		For >500, Deduct	*-218.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0307	EA	120 Volt, Emergency Relay For Use With Generator Power (Cree® EL-SR-120)	512.30	42.35
		For >50 To 100, Deduct	*-14.40*	
		For >100 To 250, Deduct	*-27.20*	
		For >250 To 500, Deduct	*-51.23*	
		For >500, Deduct	*-75.26*	

26 51 19 00-0308 LED Linear Low Bay Fixtures (Lithonia MSL) *(26 51 19 00-0265)*

Note: Includes 3,500K, 4,000K or 5,000K color temperature, 120/277 voltage and steel housing assembly. Excludes sensors.

26 51 19 00-0309	EA	4,000 Lumens, 4' Length, LED Linear Low Bay Fixture (Lithonia MSL)	970.62	63.53
		For >50 To 100, Deduct	*-26.91*	
		For >100 To 250, Deduct	*-51.18*	
		For >250 To 500, Deduct	*-97.06*	
		For >500, Deduct	*-142.95*	

26 51 19 00-0310 High Bay LED Fixtures *(26 51 19 00-0001)*

26 51 19 00-0311 LED High Bay Fixtures (Columbia Lighting LWS) *(26 51 19 00-0310)*

26 51 19 00-0312	EA	16" x 24", 7,909 Lumens, 58.8 Watt, LED Suspended High Bay/Low Bay Fixture (Columbia LWS-30-LW-W-EU)	479.76	116.48
		For >50 To 100, Deduct	*-17.82*	
		For >100 To 250, Deduct	*-29.81*	
		For >250 To 500, Deduct	*-47.98*	
		For >500, Deduct	*-66.14*	
26 51 19 00-0313	EA	16" x 24", 8,526 Lumens, 58.8 Watt, LED Suspended High Bay/Low Bay Fixture (Columbia LWS-50-LW-W-EU)	479.76	116.48
		For >50 To 100, Deduct	*-17.82*	
		For >100 To 250, Deduct	*-29.81*	
		For >250 To 500, Deduct	*-47.98*	
		For >500, Deduct	*-66.14*	
26 51 19 00-0314	EA	16" x 24", 11,812 Lumens, 82.9 Watt, LED Suspended High Bay/Low Bay Fixture (Columbia LWS-30-ML-W-EU)	539.00	116.48
		For >50 To 100, Deduct	*-19.30*	
		For >100 To 250, Deduct	*-32.77*	
		For >250 To 500, Deduct	*-53.90*	
		For >500, Deduct	*-75.03*	
26 51 19 00-0315	EA	16" x 24", 12,734 Lumens, 82.9 Watt, LED Suspended High Bay/Low Bay Fixture (Columbia LWS-50-ML-W-EU)	539.00	116.48
		For >50 To 100, Deduct	*-19.30*	
		For >100 To 250, Deduct	*-32.77*	
		For >250 To 500, Deduct	*-53.90*	
		For >500, Deduct	*-75.03*	
26 51 19 00-0316	EA	16" x 24", 14,813 Lumens, 112.5 Watt, LED Suspended High Bay/Low Bay Fixture (Columbia LWS-30-HL-W-EU)	637.72	116.48
		For >50 To 100, Deduct	*-21.77*	
		For >100 To 250, Deduct	*-37.71*	
		For >250 To 500, Deduct	*-63.77*	
		For >500, Deduct	*-89.83*	
26 51 19 00-0317	EA	16" x 24", 15,968 Lumens, 112.5 Watt, LED Suspended High Bay/Low Bay Fixture (Columbia LWS-50-HL-W-EU)	637.72	116.48
		For >50 To 100, Deduct	*-21.77*	
		For >100 To 250, Deduct	*-37.71*	
		For >250 To 500, Deduct	*-63.77*	
		For >500, Deduct	*-89.83*	
26 51 19 00-0318	EA	16" x 24", 18,714 Lumens, 137.1 Watt, LED Suspended High Bay/Low Bay Fixture (Columbia LWS-30-VL-W-EU)	677.20	116.48
		For >50 To 100, Deduct	*-22.75*	
		For >100 To 250, Deduct	*-39.68*	
		For >250 To 500, Deduct	*-67.72*	
		For >500, Deduct	*-95.76*	
26 51 19 00-0319	EA	16" x 24", 19,511 Lumens, 137.1 Watt, LED Suspended High Bay/Low Bay Fixture (Columbia LWS-50-VL-W-EU)	677.20	116.48
		For >50 To 100, Deduct	*-22.75*	
		For >100 To 250, Deduct	*-39.68*	
		For >250 To 500, Deduct	*-67.72*	
		For >500, Deduct	*-95.76*	
26 51 19 00-0320	EA	16" x 24", 22,994 Lumens, 174 Watt, LED Suspended High Bay/Low Bay Fixture (Columbia LWS-30-XL-W-EU)	706.82	116.48
		For >50 To 100, Deduct	*-23.49*	
		For >100 To 250, Deduct	*-41.17*	
		For >250 To 500, Deduct	*-70.68*	
		For >500, Deduct	*-100.20*	
26 51 19 00-0321	EA	16" x 24", 24,787 Lumens, 174 Watt, LED Suspended High Bay/Low Bay Fixture (Columbia LWS-50-XL-W-EU)	706.82	116.48
		For >50 To 100, Deduct	*-23.49*	
		For >100 To 250, Deduct	*-41.17*	
		For >250 To 500, Deduct	*-70.68*	
		For >500, Deduct	*-100.20*	

26 51 19 00-0322 LED High Bay Fixtures (Cree) *(26 51 19 00-0310)*

26 51 19 00-0323 LED High Bay Fixtures (CREE®) *(26 51 19 00-0322)*

26 51 19 00-0324	EA	18,000 Median Lumens, Universal Mount, LED High Bay Fixture (Cree® CXB-A-UV-M-40K-8-UL-10V)	879.54	116.48
		For >50 To 100, Deduct	*-27.81*	
		For >100 To 250, Deduct	*-49.80*	
		For >250 To 500, Deduct	*-87.95*	
		For >500, Deduct	*-126.11*	
26 51 19 00-0325	EA	18,000 Median Lumens, Universal Mount, LED High Bay Fixture (Cree® CXB-A-UV-M-40K-8-UL-ML)	1,063.20	116.48
		For >50 To 100, Deduct	*-32.40*	
		For >100 To 250, Deduct	*-58.98*	
		For >250 To 500, Deduct	*-106.32*	
		For >500, Deduct	*-153.66*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0326	EA	18,000 Median Lumens, Universal Mount, LED High Bay Fixture (Cree® CXB-A-UV-M-40K-8-UH-10V)	973.46	116.48
		For >50 To 100, Deduct	*-30.16*	
		For >100 To 250, Deduct	*-54.50*	
		For >250 To 500, Deduct	*-97.35*	
		For >500, Deduct	*-140.20*	
26 51 19 00-0327	EA	18,000 Median Lumens, Universal Mount, LED High Bay Fixture (Cree® CXB-A-UV-M-40K-8-UH-ML)	1,119.31	116.48
		For >50 To 100, Deduct	*-33.81*	
		For >100 To 250, Deduct	*-61.79*	
		For >250 To 500, Deduct	*-111.93*	
		For >500, Deduct	*-162.07*	
26 51 19 00-0328	EA	24,000 Median Lumens, Universal Mount, LED High Bay Fixture (Cree® CXB-A-UV-H-40K-8-UL-10V)	911.97	116.48
		For >50 To 100, Deduct	*-28.62*	
		For >100 To 250, Deduct	*-51.42*	
		For >250 To 500, Deduct	*-91.20*	
		For >500, Deduct	*-130.97*	
26 51 19 00-0329	EA	24,000 Median Lumens, Universal Mount, LED High Bay Fixture (Cree® CXB-A-UV-H-40K-8-UL-ML)	1,096.86	116.48
		For >50 To 100, Deduct	*-33.25*	
		For >100 To 250, Deduct	*-60.67*	
		For >250 To 500, Deduct	*-109.69*	
		For >500, Deduct	*-158.71*	
26 51 19 00-0330	EA	24,000 Median Lumens, Universal Mount, LED High Bay Fixture (Cree® CXB-A-UV-H-40K-8-UH-10V)	1,007.11	116.48
		For >50 To 100, Deduct	*-31.00*	
		For >100 To 250, Deduct	*-56.18*	
		For >250 To 500, Deduct	*-100.71*	
		For >500, Deduct	*-145.24*	
26 51 19 00-0331	EA	24,000 Median Lumens, Universal Mount, LED High Bay Fixture (Cree® CXB-A-UV-H-40K-8-UH-ML)	1,152.96	116.48
		For >50 To 100, Deduct	*-34.65*	
		For >100 To 250, Deduct	*-63.47*	
		For >250 To 500, Deduct	*-115.30*	
		For >500, Deduct	*-167.12*	

26 51 19 00-0332 Accessories For LED High Bay Fixtures (CREE®) *(26 51 19 00-0322)*

26 51 19 00-0333	EA	15 Amperes, 120 Volt, Straight Blade Plug For LED High Bay Fixtures (Cree® AP-515P)	62.69	17.42
		For >50 To 100, Deduct	*-2.29*	
		For >100 To 250, Deduct	*-3.86*	
		For >250 To 500, Deduct	*-6.27*	
		For >500, Deduct	*-8.68*	
26 51 19 00-0334	EA	15 Amperes, 120 Volt, Twist Lock Plug For LED High Bay Fixtures (Cree® AP-L515P)	62.69	17.42
		For >50 To 100, Deduct	*-2.29*	
		For >100 To 250, Deduct	*-3.86*	
		For >250 To 500, Deduct	*-6.27*	
		For >500, Deduct	*-8.68*	
26 51 19 00-0335	EA	16" Matte Spun Aluminum Reflector For LED High Bay Fixture (Cree® CXBA16N)	85.12	17.42
		For >50 To 100, Deduct	*-2.85*	
		For >100 To 250, Deduct	*-4.98*	
		For >250 To 500, Deduct	*-8.51*	
		For >500, Deduct	*-12.04*	
26 51 19 00-0336	EA	16" Clear Acrylic Reflector For LED High Bay Fixture (Cree® CXBP16)	130.00	17.42
		For >50 To 100, Deduct	*-3.98*	
		For >100 To 250, Deduct	*-7.23*	
		For >250 To 500, Deduct	*-13.00*	
		For >500, Deduct	*-18.77*	
26 51 19 00-0337	EA	16" White Acrylic Reflector For LED High Bay Fixture (Cree® CXBW16)	152.45	17.42
		For >50 To 100, Deduct	*-4.54*	
		For >100 To 250, Deduct	*-8.35*	
		For >250 To 500, Deduct	*-15.25*	
		For >500, Deduct	*-22.14*	
26 51 19 00-0338	EA	16" Clear Prismatic Conical Lens For Prismatic And Acrylic Reflectors For LED High Bay Fixtures (Cree® CL16)	85.12	17.42
		For >50 To 100, Deduct	*-2.85*	
		For >100 To 250, Deduct	*-4.98*	
		For >250 To 500, Deduct	*-8.51*	
		For >500, Deduct	*-12.04*	
26 51 19 00-0339	EA	16" Clear Prismatic Drop Lens For Prismatic And Acrylic Reflectors For LED High Bay Fixtures (Cree® DL16)	87.38	17.42
		For >50 To 100, Deduct	*-2.91*	
		For >100 To 250, Deduct	*-5.09*	
		For >250 To 500, Deduct	*-8.74*	
		For >500, Deduct	*-12.38*	
26 51 19 00-0340	EA	16" Wire Guard For Aluminum Reflector For LED High Bay Fixtures (Cree® WG-A)	62.69	17.42
		For >50 To 100, Deduct	*-2.29*	
		For >100 To 250, Deduct	*-3.86*	
		For >250 To 500, Deduct	*-6.27*	
		For >500, Deduct	*-8.68*	
26 51 19 00-0341	EA	16" Wire Guard For Prismatic And Acrylic Reflector For LED High Bay Fixtures (Cree® WG-AP)	67.18	17.42
		For >50 To 100, Deduct	*-2.41*	
		For >100 To 250, Deduct	*-4.08*	
		For >250 To 500, Deduct	*-6.72*	
		For >500, Deduct	*-9.35*	
26 51 19 00-0342	EA	5' Galvanized Safety Cable For LED High Bay Fixtures (Cree® SC-5)	42.50	17.42
		For >50 To 100, Deduct	*-1.79*	
		For >100 To 250, Deduct	*-2.85*	
		For >250 To 500, Deduct	*-4.25*	
		For >500, Deduct	*-5.65*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0343	EA	10' Galvanized Safety Cable For LED High Bay Fixtures (Cree® SC-10)	44.75	17.42
		For >50 To 100, Deduct	*-1.84*	
		For >100 To 250, Deduct	*-2.96*	
		For >250 To 500, Deduct	*-4.48*	
		For >500, Deduct	*-5.99*	

26 51 19 00-0344 LED High Bay Fixtures (DLE) *(26 51 19 00-0310)*

26 51 19 00-0345	EA	12,000 Lumens, 120 Watt, LED High Bay Fixture (DLE-12-ST/HV)	1,419.89	116.48
		For >50 To 100, Deduct	*-41.32*	
		For >100 To 250, Deduct	*-76.82*	
		For >250 To 500, Deduct	*-141.99*	
		For >500, Deduct	*-207.16*	
26 51 19 00-0346	EA	18,000 Lumens, 180 Watt, LED High Bay Fixture (DLE-18-ST/HV)	1,746.88	116.48
		For >50 To 100, Deduct	*-49.50*	
		For >100 To 250, Deduct	*-93.17*	
		For >250 To 500, Deduct	*-174.69*	
		For >500, Deduct	*-256.21*	
26 51 19 00-0347	EA	24,000 Lumens, 230 Watt, LED High Bay Fixture (DLE-24-ST/HV)	2,050.51	116.48
		For >50 To 100, Deduct	*-57.09*	
		For >100 To 250, Deduct	*-108.35*	
		For >250 To 500, Deduct	*-205.05*	
		For >500, Deduct	*-301.75*	

26 51 19 00-0348 LED High Bay Fixtures (Everlast) *(26 51 19 00-0310)*

26 51 19 00-0349 LED High Bay Fixtures (Everlast EL-LED-LG) *(26 51 19 00-0348)*

26 51 19 00-0350	EA	13,500 Lumens, 150 Watt, LED High Bay Fixture (Everlast EL-LED-LG, AC)	954.89	116.48
		For >50 To 100, Deduct	*-29.70*	
		For >100 To 250, Deduct	*-53.57*	
		For >250 To 500, Deduct	*-95.49*	
		For >500, Deduct	*-137.41*	
26 51 19 00-0351	EA	13,500 Lumens, 150 Watt, LED High Bay Fixture (Everlast EL-LED-LG, AO)	1,010.09	116.48
		For >50 To 100, Deduct	*-31.08*	
		For >100 To 250, Deduct	*-56.33*	
		For >250 To 500, Deduct	*-101.01*	
		For >500, Deduct	*-145.69*	
26 51 19 00-0352	EA	15,000 Lumens, 150 Watt, LED High Bay Fixture (Everlast EL-LED-LG, AL16)	899.68	116.48
		For >50 To 100, Deduct	*-28.32*	
		For >100 To 250, Deduct	*-50.81*	
		For >250 To 500, Deduct	*-89.97*	
		For >500, Deduct	*-129.13*	
26 51 19 00-0353	EA	15,000 Lumens, 150 Watt, LED High Bay Fixture (Everlast EL-LED-LG, AL22)	923.04	116.48
		For >50 To 100, Deduct	*-28.90*	
		For >100 To 250, Deduct	*-51.98*	
		For >250 To 500, Deduct	*-92.30*	
		For >500, Deduct	*-132.63*	
26 51 19 00-0354	EA	17,500 Lumens, 200 Watt, LED High Bay Fixture (Everlast EL-LED-LG, AC)	1,050.43	116.48
		For >50 To 100, Deduct	*-32.08*	
		For >100 To 250, Deduct	*-58.35*	
		For >250 To 500, Deduct	*-105.04*	
		For >500, Deduct	*-151.74*	
26 51 19 00-0355	EA	17,500 Lumens, 200 Watt, LED High Bay Fixture (Everlast EL-LED-LG, AO)	1,145.98	116.48
		For >50 To 100, Deduct	*-34.47*	
		For >100 To 250, Deduct	*-63.12*	
		For >250 To 500, Deduct	*-114.60*	
		For >500, Deduct	*-166.07*	
26 51 19 00-0356	EA	20,000 Lumens, 200 Watt, LED High Bay Fixture (Everlast EL-LED-LG, AL16)	999.47	116.48
		For >50 To 100, Deduct	*-30.81*	
		For >100 To 250, Deduct	*-55.80*	
		For >250 To 500, Deduct	*-99.95*	
		For >500, Deduct	*-144.10*	
26 51 19 00-0357	EA	20,000 Lumens, 200 Watt, LED High Bay Fixture (Everlast EL-LED-LG, AL22)	1,082.28	116.48
		For >50 To 100, Deduct	*-32.88*	
		For >100 To 250, Deduct	*-59.94*	
		For >250 To 500, Deduct	*-108.23*	
		For >500, Deduct	*-156.52*	
26 51 19 00-0358	EA	34,000 Lumens, 300 Watt, LED High Bay Fixture (Everlast EL-LED-LG-HW, AL30)	1,581.26	116.48
		For >50 To 100, Deduct	*-45.36*	
		For >100 To 250, Deduct	*-84.89*	
		For >250 To 500, Deduct	*-158.13*	
		For >500, Deduct	*-231.37*	
26 51 19 00-0359	EA	43,000 Lumens, 400 Watt, LED High Bay Fixture (Everlast EL-LED-LG-HW, AL30)	1,729.89	116.48
		For >50 To 100, Deduct	*-49.07*	
		For >100 To 250, Deduct	*-92.32*	
		For >250 To 500, Deduct	*-172.99*	
		For >500, Deduct	*-253.66*	
26 51 19 00-0360	EA	66,000 Lumens, 600 Watt, LED High Bay Fixture (Everlast EL-LED-LG-HW, AL30)	2,154.56	116.48
		For >50 To 100, Deduct	*-59.69*	
		For >100 To 250, Deduct	*-113.55*	
		For >250 To 500, Deduct	*-215.46*	
		For >500, Deduct	*-317.36*	

26 51 19 00-0361 LED High Bay Fixtures (Everlast EL-LED-CS) *(26 51 19 00-0348)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0362	EA	5,000 Lumens, 50 Watt, LED High Bay Fixture (Everlast EL-LED-CS)	593.92	116.48
		For >50 To 100, Deduct	*-20.67*	
		For >100 To 250, Deduct	*-35.52*	
		For >250 To 500, Deduct	*-59.39*	
		For >500, Deduct	*-83.26*	
26 51 19 00-0363	EA	10,000 Lumens, 100 Watt, LED High Bay Fixture (Everlast EL-LED-CS)	880.57	116.48
		For >50 To 100, Deduct	*-27.84*	
		For >100 To 250, Deduct	*-49.85*	
		For >250 To 500, Deduct	*-88.06*	
		For >500, Deduct	*-126.26*	
26 51 19 00-0364	EA	15,000 Lumens, 150 Watt, LED High Bay Fixture (Everlast EL-LED-CS)	1,007.97	116.48
		For >50 To 100, Deduct	*-31.02*	
		For >100 To 250, Deduct	*-56.22*	
		For >250 To 500, Deduct	*-100.80*	
		For >500, Deduct	*-145.37*	
26 51 19 00-0365	EA	20,000 Lumens, 200 Watt, LED High Bay Fixture (Everlast EL-LED-CS)	1,156.60	116.48
		For >50 To 100, Deduct	*-34.74*	
		For >100 To 250, Deduct	*-63.65*	
		For >250 To 500, Deduct	*-115.66*	
		For >500, Deduct	*-167.67*	
26 51 19 00-0366	EA	30,000 Lumens, 300 Watt, LED High Bay Fixture (Everlast EL-LED-CS)	1,252.15	116.48
		For >50 To 100, Deduct	*-37.13*	
		For >100 To 250, Deduct	*-68.43*	
		For >250 To 500, Deduct	*-125.22*	
		For >500, Deduct	*-182.00*	
26 51 19 00-0367		**LED High Bay Fixtures (Everlast EL-LED-HB-LG)** *(26 51 19 00-0348)*		
26 51 19 00-0368	EA	10,000 Lumens, 100 Watt, LED High Bay Fixture (Everlast EL-LED-HB-LG)	785.02	116.48
		For >50 To 100, Deduct	*-25.45*	
		For >100 To 250, Deduct	*-45.08*	
		For >250 To 500, Deduct	*-78.50*	
		For >500, Deduct	*-111.93*	
26 51 19 00-0369	EA	15,000 Lumens, 150 Watt, LED High Bay Fixture (Everlast EL-LED-HB-LG)	838.10	116.48
		For >50 To 100, Deduct	*-26.78*	
		For >100 To 250, Deduct	*-47.73*	
		For >250 To 500, Deduct	*-83.81*	
		For >500, Deduct	*-119.89*	
26 51 19 00-0370	EA	20,000 Lumens, 200 Watt, LED High Bay Fixture (Everlast EL-LED-HB-LG)	912.42	116.48
		For >50 To 100, Deduct	*-28.63*	
		For >100 To 250, Deduct	*-51.45*	
		For >250 To 500, Deduct	*-91.24*	
		For >500, Deduct	*-131.04*	
26 51 19 00-0371		**LED High Bay Fixtures (Everlast EL-LED-LHB)** *(26 51 19 00-0348)*		
26 51 19 00-0372	EA	13,000 Lumens, 100 Watt, LED High Bay Fixture (Everlast EL-LED-LHB)	797.76	116.48
		For >50 To 100, Deduct	*-25.77*	
		For >100 To 250, Deduct	*-45.71*	
		For >250 To 500, Deduct	*-79.78*	
		For >500, Deduct	*-113.84*	
26 51 19 00-0373	EA	26,000 Lumens, 200 Watt, LED High Bay Fixture (Everlast EL-LED-LHB)	986.74	116.48
		For >50 To 100, Deduct	*-30.49*	
		For >100 To 250, Deduct	*-55.16*	
		For >250 To 500, Deduct	*-98.67*	
		For >500, Deduct	*-142.19*	
26 51 19 00-0374	EA	39,000 Lumens, 300 Watt, LED High Bay Fixture (Everlast EL-LED-LHB)	1,230.92	116.48
		For >50 To 100, Deduct	*-36.60*	
		For >100 To 250, Deduct	*-67.37*	
		For >250 To 500, Deduct	*-123.09*	
		For >500, Deduct	*-178.81*	
26 51 19 00-0375		**LED High Bay Fixtures (Lithonia IBG)** *(26 51 19 00-0310)*		
26 51 19 00-0376	EA	8,000 Lumens, 48 Watt, 25.6" Length, LED High Bay Fixture (Lithonia IBG 8000LM SEF ACL GND MVOLT)	407.73	114.36
		For >50 To 100, Deduct	*-14.54*	
		For >100 To 250, Deduct	*-24.74*	
		For >250 To 500, Deduct	*-40.77*	
		For >500, Deduct	*-56.81*	
26 51 19 00-0377	EA	12,000 Lumens, 76 Watt, 25.6" Length, LED High Bay Fixture (Lithonia IBG 12000LM SEF ACL GND MVOLT)	423.38	114.36
		For >50 To 100, Deduct	*-14.93*	
		For >100 To 250, Deduct	*-25.52*	
		For >250 To 500, Deduct	*-42.34*	
		For >500, Deduct	*-59.16*	
26 51 19 00-0378	EA	15,000 Lumens, 93 Watt, 25.6" Length, LED High Bay Fixture (Lithonia IBG 15000LM SEF ACL GND MVOLT)	458.60	114.36
		For >50 To 100, Deduct	*-15.81*	
		For >100 To 250, Deduct	*-27.28*	
		For >250 To 500, Deduct	*-45.86*	
		For >500, Deduct	*-64.44*	
26 51 19 00-0379	EA	18,000 Lumens, 105 Watt, 25.6" Length, LED High Bay Fixture (Lithonia IBG 18000LM SEF ACL GND MVOLT)	514.19	114.36
		For >50 To 100, Deduct	*-17.20*	
		For >100 To 250, Deduct	*-30.06*	
		For >250 To 500, Deduct	*-51.42*	
		For >500, Deduct	*-72.78*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0380	EA	24,000 Lumens, 144 Watt, 25.6" Length, LED High Bay Fixture (Lithonia IBG 24000LM SEF ACL GND MVOLT)	559.46	114.36
		For >50 To 100, Deduct	*-18.34*	
		For >100 To 250, Deduct	*-32.32*	
		For >250 To 500, Deduct	*-55.95*	
		For >500, Deduct	*-79.57*	
26 51 19 00-0381	EA	30,000 Lumens, 178 Watt, 25.6" Length, LED High Bay Fixture (Lithonia IBG 30000LM SEF ACL GND MVOLT)	665.87	114.36
		For >50 To 100, Deduct	*-21.00*	
		For >100 To 250, Deduct	*-37.64*	
		For >250 To 500, Deduct	*-66.59*	
		For >500, Deduct	*-95.53*	
26 51 19 00-0382	EA	36,000 Lumens, 218 Watt, 25.6" Length, LED High Bay Fixture (Lithonia IBG 36000LM SEF ACL GND MVOLT)	801.72	114.36
		For >50 To 100, Deduct	*-24.39*	
		For >100 To 250, Deduct	*-44.44*	
		For >250 To 500, Deduct	*-80.17*	
		For >500, Deduct	*-115.91*	
26 51 19 00-0383	EA	48,000 Lumens, 284 Watt, 47.29" Length, LED High Bay Fixture (Lithonia IBG 48000LM SEF ACL GND MVOLT)	1,153.56	116.48
		For >50 To 100, Deduct	*-34.66*	
		For >100 To 250, Deduct	*-63.50*	
		For >250 To 500, Deduct	*-115.36*	
		For >500, Deduct	*-167.21*	

26 51 19 00-0384 LED High Bay Fixtures (Lithonia IBL) *(26 51 19 00-0310)*

26 51 19 00-0385	EA	9,000 Lumens, 45" Length, LED High Bay Fixture (Lithonia IBL 9L)	611.55	116.48
		For >50 To 100, Deduct	*-21.11*	
		For >100 To 250, Deduct	*-36.40*	
		For >250 To 500, Deduct	*-61.16*	
		For >500, Deduct	*-85.91*	
26 51 19 00-0386	EA	12,000 Lumens, 45" Length, LED High Bay Fixture (Lithonia IBL 12L)	660.91	116.48
		For >50 To 100, Deduct	*-22.35*	
		For >100 To 250, Deduct	*-38.87*	
		For >250 To 500, Deduct	*-66.09*	
		For >500, Deduct	*-93.31*	
26 51 19 00-0387	EA	18,000 Lumens, 45" Length, LED High Bay Fixture (Lithonia IBL 18L)	794.18	116.48
		For >50 To 100, Deduct	*-25.68*	
		For >100 To 250, Deduct	*-45.53*	
		For >250 To 500, Deduct	*-79.42*	
		For >500, Deduct	*-113.30*	
26 51 19 00-0388	EA	24,000 Lumens, 45" Length, LED High Bay Fixture (Lithonia IBL 24L)	847.49	116.48
		For >50 To 100, Deduct	*-27.01*	
		For >100 To 250, Deduct	*-48.20*	
		For >250 To 500, Deduct	*-84.75*	
		For >500, Deduct	*-121.30*	

26 51 19 00-0389 LED High Bay Fixtures (Metalux SSLED) *(26 51 19 00-0310)*

26 51 19 00-0390	EA	12,000 Lumens, 80 Watt, 5000K, LED Round High Bay Fixture (Metalux SSLED-LD5-12-M-UNV-L840-CD1U)	727.97	116.48
		For >50 To 100, Deduct	*-24.02*	
		For >100 To 250, Deduct	*-42.22*	
		For >250 To 500, Deduct	*-72.80*	
		For >500, Deduct	*-103.37*	
26 51 19 00-0391	EA	15,000 Lumens, 100 Watt, 5000K, LED Round High Bay Fixture (Metalux SSLED-LD5-15-M-UNV-L840-CD1U)	747.42	116.48
		For >50 To 100, Deduct	*-24.51*	
		For >100 To 250, Deduct	*-43.20*	
		For >250 To 500, Deduct	*-74.74*	
		For >500, Deduct	*-106.29*	
26 51 19 00-0392	EA	18,000 Lumens, 120 Watt, 5000K, LED Round High Bay Fixture (Metalux SSLED-LD5-18-M-UNV-L840-CD1U)	755.25	116.48
		For >50 To 100, Deduct	*-24.71*	
		For >100 To 250, Deduct	*-43.59*	
		For >250 To 500, Deduct	*-75.53*	
		For >500, Deduct	*-107.46*	
26 51 19 00-0393	EA	24,000 Lumens, 160 Watt, 5000K, LED Round High Bay Fixture (Metalux SSLED-LD5-24-M-UNV-L840-CD1U)	829.82	116.48
		For >50 To 100, Deduct	*-26.57*	
		For >100 To 250, Deduct	*-47.32*	
		For >250 To 500, Deduct	*-82.98*	
		For >500, Deduct	*-118.65*	
26 51 19 00-0394	EA	30,000 Lumens, 200 Watt, 5000K, LED Round High Bay Fixture (Metalux SSLED-LD5-30-M-UNV-L840-CD1U)	916.67	116.48
		For >50 To 100, Deduct	*-28.74*	
		For >100 To 250, Deduct	*-51.66*	
		For >250 To 500, Deduct	*-91.67*	
		For >500, Deduct	*-131.68*	
26 51 19 00-0395	EA	36,000 Lumens, 240 Watt, 5000K, LED Round High Bay Fixture (Metalux SSLED-LD5-36-M-UNV-L840-CD1U)	949.26	116.48
		For >50 To 100, Deduct	*-29.56*	
		For >100 To 250, Deduct	*-53.29*	
		For >250 To 500, Deduct	*-94.93*	
		For >500, Deduct	*-136.57*	

26 51 19 00-0396 LED High Bay Fixtures (PlanLED) *(26 51 19 00-0310)*

26 51 19 00-0397 LED High Bay Fixtures (PlanLED LUNA) *(26 51 19 00-0396)*

Note: Includes aluminum alloy chassis.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0398	EA	7,000 Lumens, LED High Bay Fixture (PlanLED LUNA LN70)	929.41	116.48
		For >50 To 100, Deduct	*-29.06*	
		For >100 To 250, Deduct	*-52.29*	
		For >250 To 500, Deduct	*-92.94*	
		For >500, Deduct	*-133.59*	
26 51 19 00-0399	EA	9,800 Lumens, LED High Bay Fixture (PlanLED LUNA LN98)	1,048.31	116.48
		For >50 To 100, Deduct	*-32.03*	
		For >100 To 250, Deduct	*-58.24*	
		For >250 To 500, Deduct	*-104.83*	
		For >500, Deduct	*-151.42*	
26 51 19 00-0400	EA	13,000 Lumens, LED High Bay Fixture (PlanLED LUNA LN130)	1,220.30	116.48
		For >50 To 100, Deduct	*-36.33*	
		For >100 To 250, Deduct	*-66.84*	
		For >250 To 500, Deduct	*-122.03*	
		For >500, Deduct	*-177.22*	
26 51 19 00-0401	EA	16,000 Lumens, LED High Bay Fixture (PlanLED LUNA LN160)	1,388.04	116.48
		For >50 To 100, Deduct	*-40.53*	
		For >100 To 250, Deduct	*-75.23*	
		For >250 To 500, Deduct	*-138.80*	
		For >500, Deduct	*-202.38*	

26 51 19 00-0402 LED High Bay Fixtures (PlanLED IBL) *(26 51 19 00-0396)*

Note: Includes aluminum alloy chassis.

26 51 19 00-0403	EA	13,650 Lumens, 130 Watt, 46.5" Length, LED Indirect High Bay Fixture (PlanLED IBL 130W)	1,014.34	116.48
		For 480 Volt, Add	*59.54*	
		For >50 To 100, Deduct	*-31.18*	
		For >100 To 250, Deduct	*-56.54*	
		For >250 To 500, Deduct	*-101.43*	
		For >500, Deduct	*-146.33*	
26 51 19 00-0404	EA	21,000 Lumens, 200 Watt, 46.5" Length, LED Indirect High Bay Fixture (PlanLED IBL 200W)	1,428.38	116.48
		For 480 Volt, Add	*75.44*	
		For >50 To 100, Deduct	*-41.53*	
		For >100 To 250, Deduct	*-77.24*	
		For >250 To 500, Deduct	*-142.84*	
		For >500, Deduct	*-208.43*	
26 51 19 00-0405	EA	42,000 Lumens, 400 Watt, 46.5" Length, LED Indirect High Bay Fixture (PlanLED IBL 400W)	2,568.60	116.48
		For 480 Volt, Add	*119.67*	
		For >50 To 100, Deduct	*-70.04*	
		For >100 To 250, Deduct	*-134.25*	
		For >250 To 500, Deduct	*-256.86*	
		For >500, Deduct	*-379.47*	

26 51 19 00-0406 LED High Bay Fixtures (PlanLED SEGA) *(26 51 19 00-0396)*

Note: Includes aluminum alloy chassis.

26 51 19 00-0407	EA	10,400 Lumens, 80 Watt, LED High Bay Fixture (PlanLED SEGA SE080)	791.39	116.48
		For 0 To 10 Volt Dimming, Add	*91.72*	
		For >50 To 100, Deduct	*-25.61*	
		For >100 To 250, Deduct	*-45.39*	
		For >250 To 500, Deduct	*-79.14*	
		For >500, Deduct	*-112.88*	
26 51 19 00-0408	EA	13,000 Lumens, 100 Watt, LED High Bay Fixture (PlanLED SEGA SE100)	848.72	116.48
		For 0 To 10 Volt Dimming, Add	*91.72*	
		For >50 To 100, Deduct	*-27.04*	
		For >100 To 250, Deduct	*-48.26*	
		For >250 To 500, Deduct	*-84.87*	
		For >500, Deduct	*-121.48*	
26 51 19 00-0409	EA	16,900 Lumens, 130 Watt, LED High Bay Fixture (PlanLED SEGA SE130)	1,046.19	116.48
		For 0 To 10 Volt Dimming, Add	*91.72*	
		For >50 To 100, Deduct	*-31.98*	
		For >100 To 250, Deduct	*-58.13*	
		For >250 To 500, Deduct	*-104.62*	
		For >500, Deduct	*-151.10*	
26 51 19 00-0410	EA	20,800 Lumens, 160 Watt, LED High Bay Fixture (PlanLED SEGA SE160)	1,188.45	116.48
		For 0 To 10 Volt Dimming, Add	*91.72*	
		For >50 To 100, Deduct	*-35.54*	
		For >100 To 250, Deduct	*-65.25*	
		For >250 To 500, Deduct	*-118.85*	
		For >500, Deduct	*-172.44*	
26 51 19 00-0411	EA	50,000 Lumens, 400 Watt, Array, LED High Bay Fixture (PlanLED SEGA SE400)	2,237.36	116.48
		For >50 To 100, Deduct	*-61.76*	
		For >100 To 250, Deduct	*-117.69*	
		For >250 To 500, Deduct	*-223.74*	
		For >500, Deduct	*-329.78*	
26 51 19 00-0412	EA	57,040 Lumens, 500 Watt, Array, LED High Bay Fixture (PlanLED SEGA SE500)	2,424.22	116.48
		For >50 To 100, Deduct	*-66.43*	
		For >100 To 250, Deduct	*-127.04*	
		For >250 To 500, Deduct	*-242.42*	
		For >500, Deduct	*-357.81*	
26 51 19 00-0413	EA	80,000 Lumens, 640 Watt, Array, LED High Bay Fixture (PlanLED SEGA SE640)	3,710.43	116.48
		For >50 To 100, Deduct	*-98.58*	
		For >100 To 250, Deduct	*-191.35*	
		For >250 To 500, Deduct	*-371.04*	
		For >500, Deduct	*-550.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0414		Wet/Hazardous Location, LED Fixtures *(26 51 19 00-0001)*		
26 51 19 00-0415		Wet Location, LED Fixtures *(26 51 19 00-0414)*		
26 51 19 00-0416		Wet Location, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Champ® Pro PVM) *(26 51 19 00-0415)*		
		Note: Includes 5,600K CRI LED arrays, heat and impact resistant glass lens, silicone gaskets, stainless steel external hardware and powder coated aluminum housing.		
26 51 19 00-0417	EA	3,531 Lumens, 29 Watt, Pendant Mount, Wet Location, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Champ® Pro PVM3L)	2,277.96	88.95
		For Ceiling Mount, Add	*19.83*	
		For Quick Clip Mounting Option, Add	*29.15*	
		For Frosted Lens, Add	*62.70*	
		For Warm White Color Rendering, Add	*80.71*	
		For Stanchion Mount, Add	*135.26*	
		For Wall Mount, Add	*149.73*	
		For Polycarbonate Lens, Add	*116.20*	
		For Teflon Coated Lens, Add	*133.07*	
		For 480 Volt, Add	*190.09*	
		For >50 To 100, Deduct	*-60.66*	
		For >100 To 250, Deduct	*-117.60*	
		For >250 To 500, Deduct	*-227.80*	
		For >500, Deduct	*-337.99*	
26 51 19 00-0418	EA	5,335 Lumens, 43 Watt, Pendant Mount, Wet Location, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Champ® Pro PVM5L)	2,322.05	95.30
		For Ceiling Mount, Add	*19.83*	
		For Quick Clip Mounting Option, Add	*29.15*	
		For Frosted Lens, Add	*62.70*	
		For Warm White Color Rendering, Add	*80.71*	
		For Stanchion Mount, Add	*135.26*	
		For Wall Mount, Add	*149.73*	
		For Polycarbonate Lens, Add	*116.20*	
		For Teflon Coated Lens, Add	*133.07*	
		For 480 Volt, Add	*190.09*	
		For >50 To 100, Deduct	*-62.02*	
		For >100 To 250, Deduct	*-120.07*	
		For >250 To 500, Deduct	*-232.21*	
		For >500, Deduct	*-344.34*	
26 51 19 00-0419	EA	7,195 Lumens, 62 Watt, Pendant Mount, Wet Location, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Champ® Pro PVM7L)	2,621.13	101.65
		For Ceiling Mount, Add	*19.83*	
		For Quick Clip Mounting Option, Add	*29.15*	
		For Frosted Lens, Add	*62.70*	
		For Warm White Color Rendering, Add	*80.71*	
		For Stanchion Mount, Add	*135.26*	
		For Wall Mount, Add	*149.73*	
		For Polycarbonate Lens, Add	*116.20*	
		For Teflon Coated Lens, Add	*133.07*	
		For 480 Volt, Add	*190.09*	
		For >50 To 100, Deduct	*-69.76*	
		For >100 To 250, Deduct	*-135.29*	
		For >250 To 500, Deduct	*-262.11*	
		For >500, Deduct	*-388.93*	
26 51 19 00-0420	EA	9,266 Lumens, 85 Watt, Pendant Mount, Wet Location, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Champ® Pro PVM9L)	3,154.21	108.01
		For Ceiling Mount, Add	*19.83*	
		For Quick Clip Mounting Option, Add	*29.15*	
		For Frosted Lens, Add	*62.70*	
		For Warm White Color Rendering, Add	*80.71*	
		For Stanchion Mount, Add	*135.26*	
		For Wall Mount, Add	*149.73*	
		For Polycarbonate Lens, Add	*116.20*	
		For Teflon Coated Lens, Add	*133.07*	
		For 480 Volt, Add	*190.09*	
		For >50 To 100, Deduct	*-83.36*	
		For >100 To 250, Deduct	*-162.21*	
		For >250 To 500, Deduct	*-315.42*	
		For >500, Deduct	*-468.63*	
26 51 19 00-0421	EA	11,440 Lumens, 113 Watt, Pendant Mount, Wet Location, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Champ® Pro PVM11L)	4,021.55	114.36
		For Ceiling Mount, Add	*19.83*	
		For Quick Clip Mounting Option, Add	*29.15*	
		For Frosted Lens, Add	*62.70*	
		For Warm White Color Rendering, Add	*80.71*	
		For Stanchion Mount, Add	*135.26*	
		For Wall Mount, Add	*149.73*	
		For Polycarbonate Lens, Add	*116.20*	
		For Teflon Coated Lens, Add	*133.07*	
		For 480 Volt, Add	*190.09*	
		For >50 To 100, Deduct	*-105.30*	
		For >100 To 250, Deduct	*-205.84*	
		For >250 To 500, Deduct	*-402.16*	
		For >500, Deduct	*-598.47*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0422	EA	13,226 Lumens, 131 Watt, Pendant Mount, Wet Location, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Champ® Pro PVM11L)	5,290.25	117.53
		For Ceiling Mount, Add	*19.83*	
		For Quick Clip Mounting Option, Add	*29.15*	
		For Frosted Lens, Add	*62.70*	
		For Warm White Color Rendering, Add	*80.71*	
		For Stanchion Mount, Add	*135.26*	
		For Wall Mount, Add	*149.73*	
		For Polycarbonate Lens, Add	*116.20*	
		For Teflon Coated Lens, Add	*133.07*	
		For 480 Volt, Add	*190.09*	
		For >50 To 100, Deduct	*-137.15*	
		For >100 To 250, Deduct	*-269.41*	
		For >250 To 500, Deduct	*-529.03*	
		For >500, Deduct	*-788.64*	
26 51 19 00-0423	EA	18,793 Lumens, 168 Watt, Pendant Mount, Wet Location, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Champ® Pro PVM17L)	6,126.37	120.71
		For Ceiling Mount, Add	*19.83*	
		For Quick Clip Mounting Option, Add	*29.15*	
		For Frosted Lens, Add	*62.70*	
		For Warm White Color Rendering, Add	*80.71*	
		For Stanchion Mount, Add	*135.26*	
		For Wall Mount, Add	*149.73*	
		For Polycarbonate Lens, Add	*116.20*	
		For Teflon Coated Lens, Add	*133.07*	
		For 480 Volt, Add	*190.09*	
		For >50 To 100, Deduct	*-158.19*	
		For >100 To 250, Deduct	*-311.35*	
		For >250 To 500, Deduct	*-612.64*	
		For >500, Deduct	*-913.93*	

26 51 19 00-0424 Wet Location, NEMA 4X, LED Floodlight (Cooper Champ® Pro PFM) *(26 51 19 00-0415)*

Note: Includes 5,600K CRI LED arrays, shatter resistant glass lens, silicone gaskets, stainless steel external hardware and powder coated aluminum housing.

26 51 19 00-0425	EA	5,183 Lumens, 45 Watt, Yoke Mount, Wet Location, NEMA 4X, 7 x 6 Optic, Glass Lens, LED Floodlight (Cooper Champ® Pro PFM5L)	2,053.42	95.30
		For Bolt-On Visor, Add	*107.94*	
		For Bolt-On Wire Guard, Add	*222.02*	
		For 480 Volt, Add	*190.09*	
		For Warm White Color Rendering, Add	*80.71*	
		For >50 To 100, Deduct	*-55.31*	
		For >100 To 250, Deduct	*-106.64*	
		For >250 To 500, Deduct	*-205.34*	
		For >500, Deduct	*-304.04*	
26 51 19 00-0426	EA	7,095 Lumens, 62 Watt, Yoke Mount, Wet Location, NEMA 4X, 7 x 6 Optic, Glass Lens, LED Floodlight (Cooper Champ® Pro PFM7L)	3,028.17	101.65
		For Bolt-On Visor, Add	*107.94*	
		For Bolt-On Wire Guard, Add	*222.02*	
		For 480 Volt, Add	*190.09*	
		For Warm White Color Rendering, Add	*80.71*	
		For >50 To 100, Deduct	*-79.94*	
		For >100 To 250, Deduct	*-155.64*	
		For >250 To 500, Deduct	*-302.82*	
		For >500, Deduct	*-449.99*	
26 51 19 00-0427	EA	9,132 Lumens, 79 Watt, Yoke Mount, Wet Location, NEMA 4X, 7 x 6 Optic, Glass Lens, LED Floodlight (Cooper Champ® Pro PFM9L)	3,338.42	108.01
		For Bolt-On Visor, Add	*107.94*	
		For Bolt-On Wire Guard, Add	*222.02*	
		For 480 Volt, Add	*190.09*	
		For Warm White Color Rendering, Add	*80.71*	
		For >50 To 100, Deduct	*-87.96*	
		For >100 To 250, Deduct	*-171.42*	
		For >250 To 500, Deduct	*-333.84*	
		For >500, Deduct	*-496.26*	
26 51 19 00-0428	EA	11,107 Lumens, 99 Watt, Yoke Mount, Wet Location, NEMA 4X, 7 x 6 Optic, Glass Lens, LED Floodlight (Cooper Champ® Pro PFM11L)	3,832.30	114.36
		For Bolt-On Visor, Add	*107.94*	
		For Bolt-On Wire Guard, Add	*222.02*	
		For 480 Volt, Add	*190.09*	
		For Warm White Color Rendering, Add	*80.71*	
		For >50 To 100, Deduct	*-100.57*	
		For >100 To 250, Deduct	*-196.38*	
		For >250 To 500, Deduct	*-383.23*	
		For >500, Deduct	*-570.08*	

26 51 19 00-0429 Wet Location, NEMA 4X, Low Bay, LED Fixture (Cooper Vaporgard™ Pro P2L) *(26 51 19 00-0415)*

Note: Includes 5,600K CRI LED arrays, heat resistant glass lens, silicone gaskets, stainless steel external hardware and powder coated aluminum housing.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0430	EA	1,400 Lumens, 25 Watt, Pendant Mount, Wet Location, NEMA 4X, Low Bay, LED Fixture (Cooper Vaporgard™ Pro P2LC)	1,425.49	88.95
		For 12/24 Volt DC Driver, Add	*30.68*	
		For Frosted Lens, Add	*62.70*	
		For 55 Degree Ambient Suitability (AC Only), Add	*41.77*	
		For Warm White Color Rendering, Add	*80.71*	
		For Ceiling Mount, Add	*95.31*	
		For Wall Mount, Add	*138.23*	
		For Teflon Coated Lens, Add	*133.07*	
		For Wall Mount With Junction Box, Add	*200.80*	
		For >50 To 100, Deduct	*-39.34*	
		For >100 To 250, Deduct	*-74.98*	
		For >250 To 500, Deduct	*-142.55*	
		For >500, Deduct	*-210.12*	

26 51 19 00-0431 Ceiling Mounted LED Fixtures *(26 51 19 00-0001)*

26 51 19 00-0432 Ceiling Mounted, LED Drum Fixtures (Enertron) *(26 51 19 00-0431)*

26 51 19 00-0433	EA	11" Diameter, 530 Lumens, 7 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED1X611-30)	112.28	42.35
		For >50 To 100, Deduct	*-4.40*	
		For >100 To 250, Deduct	*-7.20*	
		For >250 To 500, Deduct	*-11.23*	
		For >500, Deduct	*-15.25*	
26 51 19 00-0434	EA	11" Diameter, 1,060 Lumens, 10 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED2X611-30)	117.12	42.35
		For >50 To 100, Deduct	*-4.52*	
		For >100 To 250, Deduct	*-7.44*	
		For >250 To 500, Deduct	*-11.71*	
		For >500, Deduct	*-15.98*	
26 51 19 00-0435	EA	11" Diameter, 1,590 Lumens, 14 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED3X611-30)	121.96	42.35
		For >50 To 100, Deduct	*-4.64*	
		For >100 To 250, Deduct	*-7.69*	
		For >250 To 500, Deduct	*-12.20*	
		For >500, Deduct	*-16.71*	
26 51 19 00-0436	EA	11" Diameter, 2,120 Lumens, 17 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED4X611-30)	126.79	42.35
		For >50 To 100, Deduct	*-4.76*	
		For >100 To 250, Deduct	*-7.93*	
		For >250 To 500, Deduct	*-12.68*	
		For >500, Deduct	*-17.43*	
26 51 19 00-0437	EA	14" Diameter, 530 Lumens, 7 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED1X614-30)	123.65	46.59
		For >50 To 100, Deduct	*-4.84*	
		For >100 To 250, Deduct	*-7.93*	
		For >250 To 500, Deduct	*-12.37*	
		For >500, Deduct	*-16.80*	
26 51 19 00-0438	EA	14" Diameter, 1,060 Lumens, 10 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED2X614-30)	128.49	46.59
		For >50 To 100, Deduct	*-4.96*	
		For >100 To 250, Deduct	*-8.17*	
		For >250 To 500, Deduct	*-12.85*	
		For >500, Deduct	*-17.53*	
26 51 19 00-0439	EA	14" Diameter, 1,590 Lumens, 14 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED3X614-30)	133.33	46.59
		For >50 To 100, Deduct	*-5.08*	
		For >100 To 250, Deduct	*-8.41*	
		For >250 To 500, Deduct	*-13.33*	
		For >500, Deduct	*-18.25*	
26 51 19 00-0440	EA	14" Diameter, 2,120 Lumens, 17 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED4X614-30)	138.17	46.59
		For >50 To 100, Deduct	*-5.20*	
		For >100 To 250, Deduct	*-8.66*	
		For >250 To 500, Deduct	*-13.82*	
		For >500, Deduct	*-18.98*	
26 51 19 00-0441	EA	14" Diameter, 3,180 Lumens, 24 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED6X614-30)	147.85	46.59
		For >50 To 100, Deduct	*-5.44*	
		For >100 To 250, Deduct	*-9.14*	
		For >250 To 500, Deduct	*-14.79*	
		For >500, Deduct	*-20.43*	
26 51 19 00-0442	EA	11" Diameter, 530 Lumens, 7 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED1X611-35)	112.27	42.35
		For >50 To 100, Deduct	*-4.40*	
		For >100 To 250, Deduct	*-7.20*	
		For >250 To 500, Deduct	*-11.23*	
		For >500, Deduct	*-15.25*	
26 51 19 00-0443	EA	11" Diameter, 1,060 Lumens, 10 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED2X611-35)	117.11	42.35
		For >50 To 100, Deduct	*-4.52*	
		For >100 To 250, Deduct	*-7.44*	
		For >250 To 500, Deduct	*-11.71*	
		For >500, Deduct	*-15.98*	
26 51 19 00-0444	EA	11" Diameter, 1,590 Lumens, 14 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED3X611-35)	121.95	42.35
		For >50 To 100, Deduct	*-4.64*	
		For >100 To 250, Deduct	*-7.69*	
		For >250 To 500, Deduct	*-12.20*	
		For >500, Deduct	*-16.70*	
26 51 19 00-0445	EA	11" Diameter, 2,120 Lumens, 17 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED4X611-35)	126.79	42.35
		For >50 To 100, Deduct	*-4.76*	
		For >100 To 250, Deduct	*-7.93*	
		For >250 To 500, Deduct	*-12.68*	
		For >500, Deduct	*-17.43*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0446	EA	14" Diameter, 530 Lumens, 7 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED1X614-35)	123.65	46.59
		For >50 To 100, Deduct	*-4.84*	
		For >100 To 250, Deduct	*-7.93*	
		For >250 To 500, Deduct	*-12.37*	
		For >500, Deduct	*-16.80*	
26 51 19 00-0447	EA	14" Diameter, 1,060 Lumens, 10 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED2X614-35)	128.49	46.59
		For >50 To 100, Deduct	*-4.96*	
		For >100 To 250, Deduct	*-8.17*	
		For >250 To 500, Deduct	*-12.85*	
		For >500, Deduct	*-17.53*	
26 51 19 00-0448	EA	14" Diameter, 1,590 Lumens, 14 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED3X614-35)	133.33	46.59
		For >50 To 100, Deduct	*-5.08*	
		For >100 To 250, Deduct	*-8.41*	
		For >250 To 500, Deduct	*-13.33*	
		For >500, Deduct	*-18.25*	
26 51 19 00-0449	EA	14" Diameter, 2,120 Lumens, 17 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED4X614-35)	138.17	46.59
		For >50 To 100, Deduct	*-5.20*	
		For >100 To 250, Deduct	*-8.66*	
		For >250 To 500, Deduct	*-13.82*	
		For >500, Deduct	*-18.98*	
26 51 19 00-0450	EA	14" Diameter, 3,180 Lumens, 24 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED6X614-30)	147.85	46.59
		For >50 To 100, Deduct	*-5.44*	
		For >100 To 250, Deduct	*-9.14*	
		For >250 To 500, Deduct	*-14.79*	
		For >500, Deduct	*-20.43*	
26 51 19 00-0451	EA	11" Diameter, 550 Lumens, 7 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED1X611-40)	112.27	42.35
		For >50 To 100, Deduct	*-4.40*	
		For >100 To 250, Deduct	*-7.20*	
		For >250 To 500, Deduct	*-11.23*	
		For >500, Deduct	*-15.25*	
26 51 19 00-0452	EA	11" Diameter, 1,100 Lumens, 10 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED2X611-40)	117.11	42.35
		For >50 To 100, Deduct	*-4.52*	
		For >100 To 250, Deduct	*-7.44*	
		For >250 To 500, Deduct	*-11.71*	
		For >500, Deduct	*-15.98*	
26 51 19 00-0453	EA	11" Diameter, 1,650 Lumens, 14 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED3X611-40)	121.95	42.35
		For >50 To 100, Deduct	*-4.64*	
		For >100 To 250, Deduct	*-7.69*	
		For >250 To 500, Deduct	*-12.20*	
		For >500, Deduct	*-16.70*	
26 51 19 00-0454	EA	11" Diameter, 2,200 Lumens, 17 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED4X611-40)	126.79	42.35
		For >50 To 100, Deduct	*-4.76*	
		For >100 To 250, Deduct	*-7.93*	
		For >250 To 500, Deduct	*-12.68*	
		For >500, Deduct	*-17.43*	
26 51 19 00-0455	EA	14" Diameter, 550 Lumens, 7 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED1X614-40)	123.65	46.59
		For >50 To 100, Deduct	*-4.84*	
		For >100 To 250, Deduct	*-7.93*	
		For >250 To 500, Deduct	*-12.37*	
		For >500, Deduct	*-16.80*	
26 51 19 00-0456	EA	14" Diameter, 1,100 Lumens, 10 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED2X614-40)	128.49	46.59
		For >50 To 100, Deduct	*-4.96*	
		For >100 To 250, Deduct	*-8.17*	
		For >250 To 500, Deduct	*-12.85*	
		For >500, Deduct	*-17.53*	
26 51 19 00-0457	EA	14" Diameter, 1,650 Lumens, 14 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED3X614-40)	133.33	46.59
		For >50 To 100, Deduct	*-5.08*	
		For >100 To 250, Deduct	*-8.41*	
		For >250 To 500, Deduct	*-13.33*	
		For >500, Deduct	*-18.25*	
26 51 19 00-0458	EA	14" Diameter, 2,200 Lumens, 17 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED4X614-40)	138.17	46.59
		For >50 To 100, Deduct	*-5.20*	
		For >100 To 250, Deduct	*-8.66*	
		For >250 To 500, Deduct	*-13.82*	
		For >500, Deduct	*-18.98*	
26 51 19 00-0459	EA	14" Diameter, 3,300 Lumens, 24 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED6X614-40)	147.85	46.59
		For >50 To 100, Deduct	*-5.44*	
		For >100 To 250, Deduct	*-9.14*	
		For >250 To 500, Deduct	*-14.79*	
		For >500, Deduct	*-20.43*	
26 51 19 00-0460	EA	11" Diameter, 560 Lumens, 7 Watt, 5000K CCT, LED Drum Fixture (Enertron 10LED1X611-50)	112.27	42.35
		For >50 To 100, Deduct	*-4.40*	
		For >100 To 250, Deduct	*-7.20*	
		For >250 To 500, Deduct	*-11.23*	
		For >500, Deduct	*-15.25*	
26 51 19 00-0461	EA	11" Diameter, 1,120 Lumens, 10 Watt, 5000K CCT, LED Drum Fixture (Enertron 10LED2X611-50)	117.11	42.35
		For >50 To 100, Deduct	*-4.52*	
		For >100 To 250, Deduct	*-7.44*	
		For >250 To 500, Deduct	*-11.71*	
		For >500, Deduct	*-15.98*	
26 51 19 00-0462	EA	11" Diameter, 1,680 Lumens, 14 Watt, 5000K CCT, LED Drum Fixture (Enertron 10LED3X611-50)	121.95	42.35
		For >50 To 100, Deduct	*-4.64*	
		For >100 To 250, Deduct	*-7.69*	
		For >250 To 500, Deduct	*-12.20*	
		For >500, Deduct	*-16.70*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0463	EA	11" Diameter, 2,240 Lumens, 17 Watt, 5000K CCT, LED Drum Fixture (Enertron 10LED4X611-50)	126.79	42.35
		For >50 To 100, Deduct	*-4.76*	
		For >100 To 250, Deduct	*-7.93*	
		For >250 To 500, Deduct	*-12.68*	
		For >500, Deduct	*-17.43*	
26 51 19 00-0464	EA	14" Diameter, 560 Lumens, 7 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED1X614-40)	123.65	46.59
		For >50 To 100, Deduct	*-4.84*	
		For >100 To 250, Deduct	*-7.93*	
		For >250 To 500, Deduct	*-12.37*	
		For >500, Deduct	*-16.80*	
26 51 19 00-0465	EA	14" Diameter, 1,120 Lumens, 10 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED2X614-40)	128.49	46.59
		For >50 To 100, Deduct	*-4.96*	
		For >100 To 250, Deduct	*-8.17*	
		For >250 To 500, Deduct	*-12.85*	
		For >500, Deduct	*-17.53*	
26 51 19 00-0466	EA	14" Diameter, 1,680 Lumens, 14 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED3X614-40)	133.33	46.59
		For >50 To 100, Deduct	*-5.08*	
		For >100 To 250, Deduct	*-8.41*	
		For >250 To 500, Deduct	*-13.33*	
		For >500, Deduct	*-18.25*	
26 51 19 00-0467	EA	14" Diameter, 2,240 Lumens, 17 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED4X614-40)	138.17	46.59
		For >50 To 100, Deduct	*-5.20*	
		For >100 To 250, Deduct	*-8.66*	
		For >250 To 500, Deduct	*-13.82*	
		For >500, Deduct	*-18.98*	
26 51 19 00-0468	EA	14" Diameter, 3,360 Lumens, 24 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED6X614-40)	147.85	46.59
		For >50 To 100, Deduct	*-5.44*	
		For >100 To 250, Deduct	*-9.14*	
		For >250 To 500, Deduct	*-14.79*	
		For >500, Deduct	*-20.43*	
26 51 19 00-0469	EA	19" Diameter, 1,060 Lumens, 10 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED1X12S19-30)	153.27	50.29
		For >50 To 100, Deduct	*-5.74*	
		For >100 To 250, Deduct	*-9.57*	
		For >250 To 500, Deduct	*-15.33*	
		For >500, Deduct	*-21.08*	
26 51 19 00-0470	EA	19" Diameter, 2,120 Lumens, 17 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED4X619-30)	164.27	50.29
		For >50 To 100, Deduct	*-6.01*	
		For >100 To 250, Deduct	*-10.12*	
		For >250 To 500, Deduct	*-16.43*	
		For >500, Deduct	*-22.73*	
26 51 19 00-0471	EA	19" Diameter, 2,120 Lumens, 17 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED2X12S19-30)	161.59	50.29
		For >50 To 100, Deduct	*-5.95*	
		For >100 To 250, Deduct	*-9.99*	
		For >250 To 500, Deduct	*-16.16*	
		For >500, Deduct	*-22.33*	
26 51 19 00-0472	EA	19" Diameter, 1,910 Lumens, 18 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED1X12H19-30)	161.54	50.29
		For >50 To 100, Deduct	*-5.94*	
		For >100 To 250, Deduct	*-9.98*	
		For >250 To 500, Deduct	*-16.15*	
		For >500, Deduct	*-22.33*	
26 51 19 00-0473	EA	19" Diameter, 3,180 Lumens, 24 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED6X619-30)	173.95	50.29
		For >50 To 100, Deduct	*-6.25*	
		For >100 To 250, Deduct	*-10.60*	
		For >250 To 500, Deduct	*-17.40*	
		For >500, Deduct	*-24.19*	
26 51 19 00-0474	EA	19" Diameter, 3,160 Lumens, 25 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED3X12S19-30)	169.95	50.29
		For >50 To 100, Deduct	*-6.15*	
		For >100 To 250, Deduct	*-10.40*	
		For >250 To 500, Deduct	*-17.00*	
		For >500, Deduct	*-23.59*	
26 51 19 00-0475	EA	19" Diameter, 4,240 Lumens, 31 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED8X619-30)	186.71	50.29
		For >50 To 100, Deduct	*-6.57*	
		For >100 To 250, Deduct	*-11.24*	
		For >250 To 500, Deduct	*-18.67*	
		For >500, Deduct	*-26.10*	
26 51 19 00-0476	EA	19" Diameter, 3,820 Lumens, 32 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED2X12H19-30)	181.25	50.29
		For >50 To 100, Deduct	*-6.44*	
		For >100 To 250, Deduct	*-10.97*	
		For >250 To 500, Deduct	*-18.13*	
		For >500, Deduct	*-25.28*	
26 51 19 00-0477	EA	19" Diameter, 4,240 Lumens, 32 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED4X12S19-30)	181.30	50.29
		For >50 To 100, Deduct	*-6.44*	
		For >100 To 250, Deduct	*-10.97*	
		For >250 To 500, Deduct	*-18.13*	
		For >500, Deduct	*-25.29*	
26 51 19 00-0478	EA	19" Diameter, 1,060 Lumens, 10 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED1X12S19-35)	153.27	50.29
		For >50 To 100, Deduct	*-5.74*	
		For >100 To 250, Deduct	*-9.57*	
		For >250 To 500, Deduct	*-15.33*	
		For >500, Deduct	*-21.08*	
26 51 19 00-0479	EA	19" Diameter, 2,120 Lumens, 17 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED4X619-35)	164.27	50.29
		For >50 To 100, Deduct	*-6.01*	
		For >100 To 250, Deduct	*-10.12*	
		For >250 To 500, Deduct	*-16.43*	
		For >500, Deduct	*-22.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0480	EA	19" Diameter, 2,120 Lumens, 17 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED2X12S19-35)	161.59	50.29
		For >50 To 100, Deduct	*-5.95*	
		For >100 To 250, Deduct	*-9.99*	
		For >250 To 500, Deduct	*-16.16*	
		For >500, Deduct	*-22.33*	
26 51 19 00-0481	EA	19" Diameter, 1,910 Lumens, 18 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED1X12H19-35)	161.54	50.29
		For >50 To 100, Deduct	*-5.94*	
		For >100 To 250, Deduct	*-9.98*	
		For >250 To 500, Deduct	*-16.15*	
		For >500, Deduct	*-22.33*	
26 51 19 00-0482	EA	19" Diameter, 3,180 Lumens, 24 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED6X619-30)	173.95	50.29
		For >50 To 100, Deduct	*-6.25*	
		For >100 To 250, Deduct	*-10.60*	
		For >250 To 500, Deduct	*-17.40*	
		For >500, Deduct	*-24.19*	
26 51 19 00-0483	EA	19" Diameter, 3,160 Lumens, 25 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED3X12S19-30)	169.95	50.29
		For >50 To 100, Deduct	*-6.15*	
		For >100 To 250, Deduct	*-10.40*	
		For >250 To 500, Deduct	*-17.00*	
		For >500, Deduct	*-23.59*	
26 51 19 00-0484	EA	19" Diameter, 4,240 Lumens, 31 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED8X619-30)	186.71	50.29
		For >50 To 100, Deduct	*-6.57*	
		For >100 To 250, Deduct	*-11.24*	
		For >250 To 500, Deduct	*-18.67*	
		For >500, Deduct	*-26.10*	
26 51 19 00-0485	EA	19" Diameter, 3,820 Lumens, 32 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED2X12H19-35)	181.25	50.29
		For >50 To 100, Deduct	*-6.44*	
		For >100 To 250, Deduct	*-10.97*	
		For >250 To 500, Deduct	*-18.13*	
		For >500, Deduct	*-25.28*	
26 51 19 00-0486	EA	19" Diameter, 4,240 Lumens, 32 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED4X12S19-35)	181.30	50.29
		For >50 To 100, Deduct	*-6.44*	
		For >100 To 250, Deduct	*-10.97*	
		For >250 To 500, Deduct	*-18.13*	
		For >500, Deduct	*-25.29*	
26 51 19 00-0487	EA	19" Diameter, 1,100 Lumens, 10 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED1X12S19-40)	153.27	50.29
		For >50 To 100, Deduct	*-5.74*	
		For >100 To 250, Deduct	*-9.57*	
		For >250 To 500, Deduct	*-15.33*	
		For >500, Deduct	*-21.08*	
26 51 19 00-0488	EA	19" Diameter, 2,120 Lumens, 17 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED2X12S19-35)	164.27	50.29
		For >50 To 100, Deduct	*-6.01*	
		For >100 To 250, Deduct	*-10.12*	
		For >250 To 500, Deduct	*-16.43*	
		For >500, Deduct	*-22.73*	
26 51 19 00-0489	EA	19" Diameter, 2,120 Lumens, 17 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED2X12S19-35)	161.59	50.29
		For >50 To 100, Deduct	*-5.95*	
		For >100 To 250, Deduct	*-9.99*	
		For >250 To 500, Deduct	*-16.16*	
		For >500, Deduct	*-22.33*	
26 51 19 00-0490	EA	19" Diameter, 2,000 Lumens, 18 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED1X12H19-40)	161.54	50.29
		For >50 To 100, Deduct	*-5.94*	
		For >100 To 250, Deduct	*-9.98*	
		For >250 To 500, Deduct	*-16.15*	
		For >500, Deduct	*-22.33*	
26 51 19 00-0491	EA	19" Diameter, 3,180 Lumens, 24 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED6X619-30)	173.95	50.29
		For >50 To 100, Deduct	*-6.25*	
		For >100 To 250, Deduct	*-10.60*	
		For >250 To 500, Deduct	*-17.40*	
		For >500, Deduct	*-24.19*	
26 51 19 00-0492	EA	19" Diameter, 3,160 Lumens, 25 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED3X12S19-30)	169.95	50.29
		For >50 To 100, Deduct	*-6.15*	
		For >100 To 250, Deduct	*-10.40*	
		For >250 To 500, Deduct	*-17.00*	
		For >500, Deduct	*-23.59*	
26 51 19 00-0493	EA	19" Diameter, 4,240 Lumens, 31 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED8X619-30)	186.71	50.29
		For >50 To 100, Deduct	*-6.57*	
		For >100 To 250, Deduct	*-11.24*	
		For >250 To 500, Deduct	*-18.67*	
		For >500, Deduct	*-26.10*	
26 51 19 00-0494	EA	19" Diameter, 4,000 Lumens, 32 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED2X12H19-40)	181.25	50.29
		For >50 To 100, Deduct	*-6.44*	
		For >100 To 250, Deduct	*-10.97*	
		For >250 To 500, Deduct	*-18.13*	
		For >500, Deduct	*-25.28*	
26 51 19 00-0495	EA	19" Diameter, 4,400 Lumens, 32 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED4X12S19-40)	181.30	50.29
		For >50 To 100, Deduct	*-6.44*	
		For >100 To 250, Deduct	*-10.97*	
		For >250 To 500, Deduct	*-18.13*	
		For >500, Deduct	*-25.29*	
26 51 19 00-0496	EA	19" Diameter, 1,120 Lumens, 10 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED1X12S19-50)	153.27	50.29
		For >50 To 100, Deduct	*-5.74*	
		For >100 To 250, Deduct	*-9.57*	
		For >250 To 500, Deduct	*-15.33*	
		For >500, Deduct	*-21.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0497	EA	19" Diameter, 2,120 Lumens, 17 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED2X12S19-35)	164.27	50.29
		For >50 To 100, Deduct	*-6.01*	
		For >100 To 250, Deduct	*-10.12*	
		For >250 To 500, Deduct	*-16.43*	
		For >500, Deduct	*-22.73*	
26 51 19 00-0498	EA	19" Diameter, 2,240 Lumens, 17 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED2X12S19-50)	161.59	50.29
		For >50 To 100, Deduct	*-5.95*	
		For >100 To 250, Deduct	*-9.99*	
		For >250 To 500, Deduct	*-16.16*	
		For >500, Deduct	*-22.33*	
26 51 19 00-0499	EA	19" Diameter, 2,010 Lumens, 18 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED1X12H19-50)	161.54	50.29
		For >50 To 100, Deduct	*-5.94*	
		For >100 To 250, Deduct	*-9.98*	
		For >250 To 500, Deduct	*-16.15*	
		For >500, Deduct	*-22.33*	
26 51 19 00-0500	EA	19" Diameter, 3,180 Lumens, 24 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED6X619-30)	173.95	50.29
		For >50 To 100, Deduct	*-6.25*	
		For >100 To 250, Deduct	*-10.60*	
		For >250 To 500, Deduct	*-17.40*	
		For >500, Deduct	*-24.19*	
26 51 19 00-0501	EA	19" Diameter, 3,160 Lumens, 25 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED3X12S19-30)	169.95	50.29
		For >50 To 100, Deduct	*-6.15*	
		For >100 To 250, Deduct	*-10.40*	
		For >250 To 500, Deduct	*-17.00*	
		For >500, Deduct	*-23.59*	
26 51 19 00-0502	EA	19" Diameter, 4,240 Lumens, 31 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED8X619-30)	186.71	50.29
		For >50 To 100, Deduct	*-6.57*	
		For >100 To 250, Deduct	*-11.24*	
		For >250 To 500, Deduct	*-18.67*	
		For >500, Deduct	*-26.10*	
26 51 19 00-0503	EA	19" Diameter, 4,020 Lumens, 32 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED2X12H19-50)	181.25	50.29
		For >50 To 100, Deduct	*-6.44*	
		For >100 To 250, Deduct	*-10.97*	
		For >250 To 500, Deduct	*-18.13*	
		For >500, Deduct	*-25.28*	
26 51 19 00-0504	EA	19" Diameter, 4,480 Lumens, 32 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED4X12S19-50)	181.30	50.29
		For >50 To 100, Deduct	*-6.44*	
		For >100 To 250, Deduct	*-10.97*	
		For >250 To 500, Deduct	*-18.13*	
		For >500, Deduct	*-25.29*	

26 51 19 00-0505 Refrigeration/Display LED Fixtures *(26 51 19 00-0001)*

26 51 19 00-0506 Refrigeration/Display LED Fixtures (Lithonia) *(26 51 19 00-0505)*

Note: Fixtures exclude driver.

26 51 19 00-0507	EA	5' Length, Center Mount, Refrigeration/Display, Vertical LED Fixture (Lithonia FSV5 CM)	275.55	49.34
		For >50 To 100, Deduct	*-8.74*	
		For >100 To 250, Deduct	*-15.63*	
		For >250 To 500, Deduct	*-27.56*	
		For >500, Deduct	*-39.48*	
26 51 19 00-0508	EA	5' Length, Left And Right Mount (Pair), Refrigeration/Display, Vertical LED Fixture (Lithonia FSVDRVL RLEM DLC)	359.46	87.36
		For >50 To 100, Deduct	*-12.30*	
		For >100 To 250, Deduct	*-21.28*	
		For >250 To 500, Deduct	*-35.95*	
		For >500, Deduct	*-50.61*	
26 51 19 00-0509	EA	Up To 5 Door Configuration, LED Driver For Refrigeration/Display, Vertical LED Fixtures (Lithonia FSVDRVL)	329.00	69.89
		For >50 To 100, Deduct	*-10.87*	
		For >100 To 250, Deduct	*-19.10*	
		For >250 To 500, Deduct	*-32.90*	
		For >500, Deduct	*-46.70*	

26 51 19 00-0510 Pendant Mount, LED Fixtures *(26 51 19 00-0001)*

26 51 19 00-0511 Pendant Mount, Circular Architectural LED Fixtures (Delray Lighting) *(26 51 19 00-0510)*

26 51 19 00-0512	EA	2,166 Lumens, 2' Diameter, White Finish, Pendant Mount, Circular Architectural LED Fixture (Delray Lighting UC2 W W35 S)	2,588.42	108.01
		For >50 To 100, Deduct	*-69.21*	
		For >100 To 250, Deduct	*-133.92*	
		For >250 To 500, Deduct	*-258.84*	
		For >500, Deduct	*-383.76*	
26 51 19 00-0513	EA	3,250 Lumens, 3' Diameter, White Finish, Pendant Mount, Circular Architectural LED Fixture (Delray Lighting UC3 W W35 S)	3,915.74	114.36
		For >50 To 100, Deduct	*-102.66*	
		For >100 To 250, Deduct	*-200.55*	
		For >250 To 500, Deduct	*-391.57*	
		For >500, Deduct	*-582.60*	
26 51 19 00-0514	EA	4,333 Lumens, 4' Diameter, White Finish, Pendant Mount, Circular Architectural LED Fixture (Delray Lighting UC4 W W35 S)	5,004.18	120.71
		For >50 To 100, Deduct	*-130.13*	
		For >100 To 250, Deduct	*-255.24*	
		For >250 To 500, Deduct	*-500.42*	
		For >500, Deduct	*-745.60*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0515	EA	5,416 Lumens, 5' Diameter, White Finish, Pendant Mount, Circular Architectural LED Fixture (Delray Lighting UC5 W W35 S)	6,331.50	127.07
		For >50 To 100, Deduct	*-163.58*	
		For >100 To 250, Deduct	*-321.87*	
		For >250 To 500, Deduct	*-633.15*	
		For >500, Deduct	*-944.43*	
26 51 19 00-0516	EA	2,166 Lumens, 2' Diameter, Silver Finish, Pendant Mount, Circular Architectural LED Fixture (Delray Lighting UC2 S W35 S)	2,746.35	108.01
		For >50 To 100, Deduct	*-73.16*	
		For >100 To 250, Deduct	*-141.82*	
		For >250 To 500, Deduct	*-274.64*	
		For >500, Deduct	*-407.45*	
26 51 19 00-0517	EA	3,250 Lumens, 3' Diameter, Silver Finish, Pendant Mount, Circular Architectural LED Fixture (Delray Lighting UC3 S W35 S)	4,124.99	114.36
		For >50 To 100, Deduct	*-107.89*	
		For >100 To 250, Deduct	*-211.01*	
		For >250 To 500, Deduct	*-412.50*	
		For >500, Deduct	*-613.98*	
26 51 19 00-0518	EA	4,333 Lumens, 4' Diameter, Silver Finish, Pendant Mount, Circular Architectural LED Fixture (Delray Lighting UC4 S W35 S)	5,215.41	120.71
		For >50 To 100, Deduct	*-135.41*	
		For >100 To 250, Deduct	*-265.80*	
		For >250 To 500, Deduct	*-521.54*	
		For >500, Deduct	*-777.28*	
26 51 19 00-0519	EA	5,416 Lumens, 5' Diameter, Silver Finish, Pendant Mount, Circular Architectural LED Fixture (Delray Lighting UC5 S W35 S)	6,568.39	127.07
		For >50 To 100, Deduct	*-169.50*	
		For >100 To 250, Deduct	*-333.71*	
		For >250 To 500, Deduct	*-656.84*	
		For >500, Deduct	*-979.96*	
26 51 19 00-0520		Pendant Mount, LED Commercial Fixtures (DMF) *(26 51 19 00-0510)*		
26 51 19 00-0521	EA	3,000 Lumens, 18-1/4" Diameter, Pendant Mount, LED Commercial Fixture (DMF DP610LED)	1,000.16	63.53
		For >50 To 100, Deduct	*-27.65*	
		For >100 To 250, Deduct	*-52.66*	
		For >250 To 500, Deduct	*-100.02*	
		For >500, Deduct	*-147.38*	
26 51 19 00-0522		LED Track Lighting Fixtures *(26 51 19)*		
26 51 19 00-0523	EA	19 Watt, Dimmable, LED Track Lighting Fixture (Juno® TRAC-MASTER® Cylindra™)	195.25	19.35
		For >50 To 100, Deduct	*-5.61*	
		For >100 To 250, Deduct	*-10.49*	
		For >250 To 500, Deduct	*-19.53*	
		For >500, Deduct	*-28.56*	
26 51 19 00-0524	EA	18 Watt, Dimmable, LED Track Lighting Fixture (HALO® Stasis L805MED)	340.05	19.35
		For >50 To 100, Deduct	*-9.23*	
		For >100 To 250, Deduct	*-17.73*	
		For >250 To 500, Deduct	*-34.01*	
		For >500, Deduct	*-50.28*	
26 51 19 00-0525	EA	24 Watt, Dimmable, LED Track Lighting Fixture (Amerlux CNTRV33)	200.75	19.35
		For >50 To 100, Deduct	*-5.74*	
		For >100 To 250, Deduct	*-10.76*	
		For >250 To 500, Deduct	*-20.08*	
		For >500, Deduct	*-29.39*	
26 51 23		**HID Interior Lighting** *(26 51)*		
26 51 23 00-0001		Large Interior Area Fixtures *(26 51 23)*		
26 51 23 00-0002		Recessed Mounted, Large Interior Area Fixtures *(26 51 23 00-0001)* Note: Cast aluminum socket housing, anodized aluminum reflector, tempered glass or acrylic lens, plaster mounting frames and brackets.		
26 51 23 00-0003		High Pressure Sodium, Recessed Mounted, Large Interior Area Fixtures *(26 51 23 00-0002)*		
26 51 23 00-0004	EA	150 Watt High Pressure Sodium, Recessed Mounted, Large Interior Area Fixture	468.01	123.56
		For Wire Guard, Add	*40.50*	
		For Instant Quartz Restrike, Add	*60.00*	
26 51 23 00-0005	EA	250 Watt High Pressure Sodium, Recessed Mounted, Large Interior Area Fixture	487.18	131.20
		For Wire Guard, Add	*40.50*	
		For Instant Quartz Restrike, Add	*60.00*	
26 51 23 00-0006	EA	400 Watt High Pressure Sodium, Recessed Mounted, Large Interior Area Fixture	508.88	149.75
		For Wire Guard, Add	*40.50*	
		For Instant Quartz Restrike, Add	*60.00*	
26 51 23 00-0007		Metal Halide, Recessed Mounted, Large Interior Area Fixtures *(26 51 23 00-0002)*		
26 51 23 00-0008	EA	150 Watt Metal Halide, Recessed Mounted, Large Interior Area Fixture	476.71	123.56
		For Wire Guard, Add	*40.50*	
		For Instant Quartz Restrike, Add	*60.00*	
26 51 23 00-0009	EA	250 Watt Metal Halide, Recessed Mounted, Large Interior Area Fixture	490.88	131.20
		For Wire Guard, Add	*40.50*	
		For Instant Quartz Restrike, Add	*60.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 23 00-0010	EA	400 Watt Metal Halide, Recessed Mounted, Large Interior Area Fixture	521.40	149.75
		For Wire Guard, Add	*40.50*	
		For Instant Quartz Restrike, Add	*60.00*	

26 51 23 00-0011 Low Bay Fixtures, Large Interior Area Fixtures *(26 51 23 00-0001)*

Note: Heavy duty steel housing, aluminum reflector, tempered glass or acrylic lens. Low bay fixtures are for mounting below 20-25 feet.

26 51 23 00-0012 High Pressure Sodium, Low Bay Fixtures *(26 51 23 00-0011)*

26 51 23 00-0013	EA	150 Watt High Pressure Sodium, Low Bay Fixture	432.62	112.88
		For Wire Guard, Add	*40.50*	
		For Enclosed And Gasketed, Add	*75.47*	
		For Instant Quartz Restrike, Add	*60.00*	
		For Glass Or Acrylic Reflector, Add	*90.00*	
26 51 23 00-0014	EA	250 Watt High Pressure Sodium, Low Bay Fixture	444.76	119.87
		For Wire Guard, Add	*40.50*	
		For Enclosed And Gasketed, Add	*75.47*	
		For Instant Quartz Restrike, Add	*60.00*	
		For Glass Or Acrylic Reflector, Add	*90.00*	
26 51 23 00-0015	EA	400 Watt High Pressure Sodium, Low Bay Fixture	471.55	136.80
		For Wire Guard, Add	*40.50*	
		For Enclosed And Gasketed, Add	*75.47*	
		For Instant Quartz Restrike, Add	*60.00*	
		For Glass Or Acrylic Reflector, Add	*90.00*	

26 51 23 00-0016 Metal Halide, Low Bay Fixtures *(26 51 23 00-0011)*

26 51 23 00-0017	EA	175 Watt Metal Halide, Low Bay Fixture	425.92	112.88
		For Wire Guard, Add	*40.50*	
		For Enclosed And Gasketed, Add	*75.47*	
		For Instant Quartz Restrike, Add	*60.00*	
		For Glass Or Acrylic Reflector, Add	*90.00*	
26 51 23 00-0018	EA	250 Watt Metal Halide, Low Bay Fixture	437.25	119.87
		For Wire Guard, Add	*40.50*	
		For Enclosed And Gasketed, Add	*75.47*	
		For Instant Quartz Restrike, Add	*60.00*	
		For Glass Or Acrylic Reflector, Add	*90.00*	
26 51 23 00-0019	EA	400 Watt Metal Halide, Low Bay Fixture	474.95	136.80
		For Wire Guard, Add	*40.50*	
		For Enclosed And Gasketed, Add	*75.47*	
		For Instant Quartz Restrike, Add	*60.00*	
		For Glass Or Acrylic Reflector, Add	*90.00*	

26 51 23 00-0020 High Bay Fixtures, Large Interior Area Fixtures *(26 51 23 00-0001)*

Note: High bay fixtures are for mounting above 20-25 feet. See CSI section 01 22 23 00-0001 for lifts.

26 51 23 00-0021 High Pressure Sodium, High Bay Fixtures *(26 51 23 00-0020)*

Note: Includes heavy duty steel housing and aluminum reflector. Excludes lens.

26 51 23 00-0022	EA	250 Watt High Pressure Sodium, High Bay Fixture	399.68	119.87
		For Wire Guard, Add	*40.50*	
		For Instant Quartz Restrike, Add	*60.00*	
		For Glass Or Acrylic Reflector, Add	*90.00*	
		For Tempered Glass Or Acrylic Lens, Add	*60.50*	
		For Polycarbonate Lens, Add	*47.75*	
		For Security Chain, Add	*19.34*	
		For Optical Safety Chain, Add	*7.47*	
		For Ballast Safety Chain, Add	*12.13*	
26 51 23 00-0023	EA	400 Watt High Pressure Sodium, High Bay Fixture	431.23	136.80
		For Wire Guard, Add	*40.50*	
		For Instant Quartz Restrike, Add	*60.00*	
		For Glass Or Acrylic Reflector, Add	*90.00*	
		For Tempered Glass Or Acrylic Lens, Add	*60.50*	
		For Polycarbonate Lens, Add	*47.75*	
		For Security Chain, Add	*19.34*	
		For Optical Safety Chain, Add	*7.47*	
		For Ballast Safety Chain, Add	*12.13*	
26 51 23 00-0024	EA	1,000 Watt High Pressure Sodium, High Bay Fixture	630.43	143.90
		For Wire Guard, Add	*40.50*	
		For Instant Quartz Restrike, Add	*60.00*	
		For Glass Or Acrylic Reflector, Add	*90.00*	
		For Tempered Glass Or Acrylic Lens, Add	*60.50*	
		For Polycarbonate Lens, Add	*47.75*	
		For Security Chain, Add	*19.34*	
		For Optical Safety Chain, Add	*7.47*	
		For Ballast Safety Chain, Add	*12.13*	

26 51 23 00-0025 Metal Halide, High Bay Fixtures *(26 51 23 00-0020)*

Note: Includes heavy duty steel housing and aluminum reflector. Excludes lens.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 23 00-0026	EA	250 Watt Metal Halide, High Bay Fixture	371.00	119.87
		For Wire Guard, Add	*40.50*	
		For Instant Quartz Restrike, Add	*60.00*	
		For Glass Or Acrylic Reflector, Add	*90.00*	
		For Tempered Glass Or Acrylic Lens, Add	*60.50*	
		For Polycarbonate Lens, Add	*47.75*	
		For Security Chain, Add	*19.34*	
		For Optical Safety Chain, Add	*7.47*	
		For Ballast Safety Chain, Add	*12.13*	
26 51 23 00-0027	EA	400 Watt Metal Halide, High Bay Fixture	408.53	136.80
		For Wire Guard, Add	*40.50*	
		For Instant Quartz Restrike, Add	*60.00*	
		For Glass Or Acrylic Reflector, Add	*90.00*	
		For Tempered Glass Or Acrylic Lens, Add	*60.50*	
		For Polycarbonate Lens, Add	*47.75*	
		For Security Chain, Add	*19.34*	
		For Optical Safety Chain, Add	*7.47*	
		For Ballast Safety Chain, Add	*12.13*	
26 51 23 00-0028	EA	1,000 Watt Metal Halide, High Bay Fixture	530.93	143.90
		For Wire Guard, Add	*40.50*	
		For Instant Quartz Restrike, Add	*60.00*	
		For Glass Or Acrylic Reflector, Add	*90.00*	
		For Tempered Glass Or Acrylic Lens, Add	*60.50*	
		For Polycarbonate Lens, Add	*47.75*	
		For Security Chain, Add	*19.34*	
		For Optical Safety Chain, Add	*7.47*	
		For Ballast Safety Chain, Add	*12.13*	

26 51 23 00-0029 Induction, High Bay Fixtures *(26 51 23 00-0020)*

26 51 23 00-0030 Induction, High Bay Fixtures (Everlast®) *(26 51 23 00-0029)*

Note: Includes die cast aluminum ballast casing and acrylic lens.

26 51 23 00-0031	EA	100 Watt Induction, High Bay Fixture (Everlast® Huron EHBUS-AC)	470.83	104.83
		For Impact Resistant Silicon Lens, Add	*20.00*	
26 51 23 00-0032	EA	120 Watt Induction, High Bay Fixture (Everlast® Huron EHBUS-AC)	504.76	108.33
		For Impact Resistant Silicon Lens, Add	*20.00*	
26 51 23 00-0033	EA	150 Watt Induction, High Bay Fixture (Everlast® Huron EHBUS-AC)	514.00	111.82
		For Impact Resistant Silicon Lens, Add	*20.00*	
26 51 23 00-0034	EA	200 Watt Induction, High Bay Fixture (Everlast® Huron EHBUS-AC)	559.76	115.32
		For Impact Resistant Silicon Lens, Add	*20.00*	
26 51 23 00-0035	EA	250 Watt Induction, High Bay Fixture (Everlast® Huron EHBUS-AC)	573.95	118.81
		For Impact Resistant Silicon Lens, Add	*20.00*	
26 51 23 00-0036	EA	100 Watt Induction, Variable Dimming, High Bay Fixture (Everlast® Huron EHBUS-AC)	505.38	104.83
		For Impact Resistant Silicon Lens, Add	*20.00*	
26 51 23 00-0037	EA	120 Watt Induction, Variable Dimming, High Bay Fixture (Everlast® Huron EHBUS-AC)	539.31	108.33
		For Impact Resistant Silicon Lens, Add	*20.00*	
26 51 23 00-0038	EA	150 Watt Induction, Variable Dimming, High Bay Fixture (Everlast® Huron EHBUS-AC)	548.55	111.82
		For Impact Resistant Silicon Lens, Add	*20.00*	
26 51 23 00-0039	EA	200 Watt Induction, Variable Dimming, High Bay Fixture (Everlast® Huron EHBUS-AC)	594.32	115.32
		For Impact Resistant Silicon Lens, Add	*20.00*	
26 51 23 00-0040	EA	250 Watt Induction, Variable Dimming, High Bay Fixture (Everlast® Huron EHBUS-AC)	608.50	118.81
		For Impact Resistant Silicon Lens, Add	*20.00*	

26 51 23 00-0041 Ceiling Mounted, Large Interior Area Fixtures *(26 51 23 00-0001)*

Note: Heavy duty aluminum housing, aluminum reflector, acrylic drop dish lens, fully gasketed.

26 51 23 00-0042 High Pressure Sodium, Ceiling Mounted, Large Interior Area Fixtures *(26 51 23 00-0041)*

26 51 23 00-0043	EA	100 Watt High Pressure Sodium, Ceiling Mounted, Large Interior Area Fixture	336.18	80.33
		For Wire Guard, Add	*40.50*	
		For Instant Quartz Restrike, Add	*60.00*	
		For Polycarbonate Lens, Add	*47.75*	
26 51 23 00-0044	EA	150 Watt High Pressure Sodium, Ceiling Mounted, Large Interior Area Fixture	665.69	80.33
		For Wire Guard, Add	*40.50*	
		For Instant Quartz Restrike, Add	*60.00*	
		For Polycarbonate Lens, Add	*47.75*	
26 51 23 00-0045	EA	250 Watt High Pressure Sodium, Ceiling Mounted, Large Interior Area Fixture	765.65	80.33
		For Wire Guard, Add	*40.50*	
		For Instant Quartz Restrike, Add	*60.00*	
		For Polycarbonate Lens, Add	*47.75*	
26 51 23 00-0046	EA	400 Watt High Pressure Sodium, Ceiling Mounted, Large Interior Area Fixture	1,025.86	80.33
		For Wire Guard, Add	*40.50*	
		For Instant Quartz Restrike, Add	*60.00*	
		For Polycarbonate Lens, Add	*47.75*	

26 51 23 00-0047 Metal Halide, Ceiling Mounted, Large Interior Area Fixtures *(26 51 23 00-0041)*

26 51 23 00-0048	EA	100 Watt Metal Halide, Ceiling Mounted, Large Interior Area Fixture	306.64	80.33
		For Wire Guard, Add	*40.50*	
		For Instant Quartz Restrike, Add	*60.00*	
		For Polycarbonate Lens, Add	*47.75*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 23 00-0049	EA	175 Watt Metal Halide, Ceiling Mounted, Large Interior Area Fixture	322.34	89.13
		For Wire Guard, Add	*40.50*	
		For Instant Quartz Restrike, Add	*60.00*	
		For Polycarbonate Lens, Add	*47.75*	
26 51 23 00-0050	EA	250 Watt Metal Halide, Ceiling Mounted, Large Interior Area Fixture	342.69	96.54
		For Wire Guard, Add	*40.50*	
		For Instant Quartz Restrike, Add	*60.00*	
		For Polycarbonate Lens, Add	*47.75*	
26 51 23 00-0051	EA	400 Watt Metal Halide, Ceiling Mounted, Large Interior Area Fixture	383.84	114.98
		For Wire Guard, Add	*40.50*	
		For Instant Quartz Restrike, Add	*60.00*	
		For Polycarbonate Lens, Add	*47.75*	

26 51 23 00-0052 High Pressure Sodium, Recessed Fixture Housings *(26 51 23)*

26 51 23 00-0053	EA	4" Round, High Pressure Sodium, T Or ICT Recessed Fixture Housing	162.74	33.38
		For ICAT Housing, Add	*14.56*	
26 51 23 00-0054	EA	5" Round, High Pressure Sodium, T Or ICT Recessed Fixture Housing	170.28	33.38
		For ICAT Housing, Add	*15.54*	
26 51 23 00-0055	EA	6" Round, High Pressure Sodium, T Or ICT Recessed Fixture Housing	178.88	34.77
		For ICAT Housing, Add	*16.35*	
26 51 23 00-0056	EA	7" Round, High Pressure Sodium, T Or ICT Recessed Fixture Housing	185.31	36.27
		For ICAT Housing, Add	*16.88*	
26 51 23 00-0057	EA	8" Round, High Pressure Sodium, T Or ICT Recessed Fixture Housing	191.67	37.79
		For ICAT Housing, Add	*17.40*	
26 51 23 00-0058	EA	10" To 12" Square, High Pressure Sodium, T Or ICT Recessed Fixture Housing	197.15	40.10
		For ICAT Housing, Add	*17.66*	

26 51 23 00-0059 Metal Halide Track Lighting Fixtures *(26 51 23)*

26 51 23 00-0060	EA	Metal Halide Track Lighting Fixture	106.26	19.35

26 51 23 00-0061 Metal Halide, Wet Location, Dust Resistant, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixtures *(26 51 23)*

26 51 23 00-0062	EA	75 Watt Metal Halide, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture	168.99	46.36
		For Wall Mounted, Add	*6.30*	
26 51 23 00-0063	EA	100 Watt Metal Halide, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture	174.08	46.36
		For Wall Mounted, Add	*6.30*	
26 51 23 00-0064	EA	150 Watt Metal Halide, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture	184.41	46.36
		For Wall Mounted, Add	*6.30*	
26 51 23 00-0065	EA	175 Watt Metal Halide, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture	199.95	46.36
		For Wall Mounted, Add	*6.30*	

26 51 23 00-0066 High Pressure Sodium, Wet Location, Dust Resistant, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixtures *(26 51 23)*

26 51 23 00-0067	EA	70 Watt High Pressure Sodium, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture	156.88	46.36
		For Wall Mounted, Add	*6.67*	
26 51 23 00-0068	EA	100 Watt High Pressure Sodium, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture	163.20	46.36
		For Wall Mounted, Add	*6.67*	
26 51 23 00-0069	EA	150 Watt High Pressure Sodium, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture	187.63	46.36
		For Wall Mounted, Add	*6.67*	

26 51 33 Interior Lighting Accessories *(26 51)*

26 51 33 00-0001 Accessories And Modifiers For Fixtures *(26 51 33)*

26 51 33 00-0002 Lens Modifications *(26 51 33 00-0001)*

26 51 33 00-0003	EA	For 1' x 2' Drop Dish Diffuser Instead Of Prismatic Lens, Add	37.68
26 51 33 00-0004	EA	For 1' x 4' Drop Dish Diffuser Instead Of Prismatic Lens, Add	46.55
26 51 33 00-0005	EA	For 2' x 2' Drop Dish Diffuser Instead Of Prismatic Lens, Add	48.76
26 51 33 00-0006	EA	For 2' x 4' Drop Dish Diffuser Instead Of Prismatic Lens, Add	53.20
26 51 33 00-0007	EA	For 4' x 4' Drop Dish Diffuser Instead Of Prismatic Lens, Add	64.28
26 51 33 00-0008	EA	For 1' x 2' Egg Crate/Cube Louvers Instead Of Prismatic Lens, Add	15.52
26 51 33 00-0009	EA	For 1' x 4' Egg Crate/Cube Louvers Instead Of Prismatic Lens, Add	22.16
26 51 33 00-0010	EA	For 2' x 2' Egg Crate/Cube Louvers Instead Of Prismatic Lens, Add	24.38
26 51 33 00-0011	EA	For 2' x 4' Egg Crate/Cube Louvers Instead Of Prismatic Lens, Add	28.81

26 51 33 00-0012 Pendant Mounting Modifications *(26 51 33 00-0001)*

Note: Per pendant. Use demolition cost for associated light fixture for demolition of pendant mounted light fixture assembly.

26 51 33 00-0013	EA	For Pendant Mounting Up to 1'-6" Long Section Note: Per pendant.	16.85
26 51 33 00-0014	EA	For Pendant Mounting 2' Long Section Note: Per pendant.	19.51
26 51 33 00-0015	EA	For Pendant Mounting 3' Long Section Note: Per pendant.	24.96

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 33 00-0016	EA	For Pendant Mounting 4' Long Section Note: Per pendant.	29.48	
26 51 33 00-0017	EA	For Pendant Mounting 6' Long Section Note: Per pendant.	37.24	
26 51 33 00-0018	EA	For Pendant Mounting 8' Long Section Note: Per pendant.	50.54	
26 51 33 00-0019		Lighting Accessories *(26 51 33)*		
26 51 33 00-0020		Modular Flexible Wiring Systems *(26 51 33 00-0019)*		
26 51 33 00-0021	EA	10' Length, 2-Circuit, Modular Power Cable (Day-Brite PC-12-2E-10)	101.64	6.25
26 51 33 00-0022	EA	15' Length, 2-Circuit, Modular Power Cable (Day-Brite PC-12-2E-15)	121.20	6.25
26 51 33 00-0023	EA	20' Length, 2-Circuit, Modular Power Cable (Day-Brite PC-12-2E-20)	146.98	6.25
26 51 33 00-0024	EA	15' Length, 2-Circuit, Modular Lighting Cable (Day-Brite LC-27-2E-15)	121.20	6.25
26 51 33 00-0025	EA	3 Out, 3-Circuit, Modular Lighting Interface (Day-Brite LI-27-3E)	98.77	6.25
26 51 33 00-0026	EA	13' Length, 2-Circuit, Modular Reddy-Connect Cable (Day-Brite RC-27-2D-13)	150.68	6.25
26 51 33 00-0027	EA	3" Length, 2-Circuit, Modular Lighting Adapter (Day-Brite LA-27-7M)	80.89	6.25
26 51 33 00-0028	EA	3" Length, 2-Circuit, Modular Lighting Tap (Day-Brite LT-27-2E)	92.37	6.25
26 51 33 00-0029	EA	7' Length, Single Level, Modular Lighting Switch Unit (Day-Brite LS-27-SL-07)	121.93	6.25
26 51 33 00-0030	EA	7' Length, 1-Circuit Multi-Level, Modular Lighting Switch Unit (Day-Brite LS-27-ML-07)	121.93	6.25
26 51 33 00-0031	EA	7' Length, 2-Circuit Multi-Level, Modular Lighting Switch Unit (Day-Brite LS-27-2C-07)	124.09	6.25
26 51 33 00-0032	EA	7' Length, 1st 3-Way, Modular Lighting Switch Unit (Day-Brite LS-27-3A-07)	123.29	6.25
26 51 33 00-0033	EA	7' Length, 2nd 3-Way, Modular Lighting Switch Unit (Day-Brite LS-27-3B-07)	123.29	6.25
26 51 33 00-0034	EA	15' Length, Single Level, Modular Lighting Switch Unit (Day-Brite LS-27-SL-15)	142.61	6.25
26 51 33 00-0035	EA	3" Length, 2-Circuit, Modular Lighting Adapter (Day-Brite LA-27-4D)	62.22	6.25
26 51 33 00-0036	EA	3" Length, 1-Circuit, Modular Lighting Distribution Cable (Day-Brite LD-27-1E)	57.72	6.25
26 51 33 00-0037	EA	3" Length, 2-Circuit, Modular Lighting Distribution Cable (Day-Brite LD-27-2E)	59.29	6.25
26 51 33 00-0038	EA	3" Length, 1-Circuit, Modular Lighting Tap (Day-Brite LT-27-1E)	76.01	6.25
26 51 33 00-0039	EA	15' Length, 1-Circuit, Modular Lighting Tap (Day-Brite LT-27-1E-15)	101.64	6.25
26 51 33 00-0040	EA	15' Length, 1-Circuit, Modular Lighting Cable (Day-Brite LC-27-1E-15)	104.37	6.25
26 51 33 00-0041	EA	Modular Lighting Junction Or Circuit Splitter (Day-Brite LJ-27-3E)	80.16	6.25
26 51 33 00-0042	EA	3" Length, 1-Circuit, Modular Power Distribution Cable (Day-Brite PD-12-1E)	57.72	6.25
26 51 33 00-0043	EA	Removal And Reinstallation Of Modular Wiring Complete Including Storage And Cleaning	52.15	
26 51 33 00-0044		Additional Lighting Wire Whips *(26 51 33)*		
26 51 33 00-0045	LF	For Each Additional LF Of Interior Lighting Wire Whip, Add Note: Wire whips are included with interior lighting fixtures, where necessary, up to six feet in length. Use this task for additional required whip length. For example, if the fixture requires a 15' wire whip then use 9 LF of this task to reach required length.	1.85	
26 51 33 00-0046		Removal And Reinstallation Of Light Fixtures *(26 51 33)* Note: Includes disconnection of wire, on-site storage, general cleaning, installation and electrical wire hook-up.		
26 51 33 00-0047	EA	Removal And Reinstallation Of Lay-In Fluorescent Light Fixture	123.36	
26 51 33 00-0048	EA	Removal And Reinstallation Of Surface Mounted Or Pendant Light Fixture	140.98	

26 52 Safety Lighting *(26 50)*

26 52 13 Emergency and Exit Lighting *(26 52)*

26 52 13 13 Emergency Lighting *(26 52 13)*

26 52 13 13-0001		Commercial Emergency Lights *(26 52 13 13)*		
26 52 13 13-0002		Polycarbonate Housing, Commercial Emergency Lights *(26 52 13 13-0001)* Note: Includes lead-calcium batteries and two adjustable lamp heads.		
26 52 13 13-0003	EA	3 Max Wattage At 90 Minutes, 3.6 Volt, Polycarbonate Housing, LED Lamps, Commercial Emergency Light (Lithonia ELM2 LED)	243.90	28.98
26 52 13 13-0004	EA	10.8 Max Wattage At 90 Minutes, 6 Volt, Polycarbonate Housing, Krypton Lamps, Commercial Emergency Light (Lithonia ELM2)	165.75	28.98
		For Halogen Lamps, Add	*27.55*	
		For Self-Diagnostics, Add	*87.50*	
26 52 13 13-0005	EA	18 Max Wattage At 90 Minutes, 6 Volt, Polycarbonate Housing, Krypton Lamps, Commercial Emergency Light (Lithonia ELM618)	268.02	28.98
		For Halogen Lamps, Add	*27.55*	
		For Self-Diagnostics, Add	*87.50*	
26 52 13 13-0006	EA	27 Max Wattage At 90 Minutes, 6 Volt, Remote Capability, Polycarbonate Housing, Krypton Lamps, Commercial Emergency Light (Lithonia ELM627)	314.32	28.98
		For Halogen Lamps, Add	*27.55*	
		For Self-Diagnostics, Add	*87.50*	
26 52 13 13-0007	EA	54 Max Wattage At 90 Minutes, 6 Volt, Remote Capability, Polycarbonate Housing, Krypton Lamps, Commercial Emergency Light (Lithonia ELM654)	473.44	28.98
		For Halogen Lamps, Add	*27.55*	
		For Self-Diagnostics, Add	*87.50*	
26 52 13 13-0008	EA	54 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Polycarbonate Housing, Krypton Lamps, Commercial Emergency Light (Lithonia ELM1254)	538.03	28.98
		For Halogen Lamps, Add	*27.55*	
		For Self-Diagnostics, Add	*87.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 52 13 13-0009	EA	72 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Polycarbonate Housing, Krypton Lamps, Commercial Emergency Light (Lithonia ELM1272)	789.67	28.98
		For Halogen Lamps, Add	*27.55*	
		For Self-Diagnostics, Add	*87.50*	

26 52 13 13-0010 Remote Heads For Commercial Emergency Lights *(26 52 13 13-0001)*

Note: For use with fixtures that have remote capability.

26 52 13 13-0011	EA	6 Watt, 6 Volt, Aluminum Housing, Halogen Lamp, Emergency Light Remote Head (Lithonia ELA MT H0606)	165.78	17.39
26 52 13 13-0012	EA	6 Watt, 6 Volt, Gasketed Fiberglass Housing, Halogen Lamp, Emergency Light Remote Head (Lithonia ELA NX H0606)	166.94	17.39
26 52 13 13-0013	EA	8 Watt, 8 Volt, Gasketed Fiberglass Housing, Halogen Lamp, Emergency Light Remote Head (Lithonia ELA NX H0806)	170.85	17.39
26 52 13 13-0014	EA	12 Watt, 12 Volt, Aluminum Housing, Halogen Lamp, Emergency Light Remote Head (Lithonia ELA MT H1212)	170.21	17.39
26 52 13 13-0015	EA	12 Watt, 12 Volt, Thermoplastic Housing, Halogen Lamp, Emergency Light Remote Head (Lithonia ELA H1212)	146.23	17.39
26 52 13 13-0016	EA	12 Watt, 12 Volt, Thermoplastic Housing, Incandescent Lamp, Emergency Light Remote Head (Lithonia ELA N1206)	98.60	17.39

26 52 13 13-0017 Industrial Emergency Lights *(26 52 13 13)*

26 52 13 13-0018 Painted Steel Housing, Industrial Emergency Lights *(26 52 13 13-0017)*

26 52 13 13-0019 Painted Steel Housing, Industrial Emergency Lights *(26 52 13 13-0018)*

Note: Includes lead-calcium batteries and two adjustable lamp heads.

26 52 13 13-0020	EA	16 Max Wattage At 90 Minutes, 6 Volt, Painted Steel Housing, Incandescent Lamps, Industrial Emergency Light (Lithonia ELT16)	438.29	28.98
		For Wireguard, Add	*228.84*	
26 52 13 13-0021	EA	24 Max Wattage At 90 Minutes, 6 Volt, Remote Capability, Painted Steel Housing, Incandescent Lamps, Industrial Emergency Light (Lithonia ELT24)	366.03	28.98
		For Wireguard, Add	*228.84*	
26 52 13 13-0022	EA	36 Max Wattage At 90 Minutes, 6 Volt, Remote Capability, Painted Steel Housing, Incandescent Lamps, Industrial Emergency Light (Lithonia ELT36)	577.22	28.98
		For Wireguard, Add	*228.84*	
26 52 13 13-0023	EA	50 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Painted Steel Housing, Incandescent Lamps, Industrial Emergency Light (Lithonia ELT50)	613.67	28.98
		For Wireguard, Add	*228.84*	
26 52 13 13-0024	EA	125 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Painted Steel Housing, Incandescent Lamps, Industrial Emergency Light (Lithonia ELT125)	880.97	28.98
		For Wireguard, Add	*243.74*	
26 52 13 13-0025	EA	275 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Painted Steel Housing, Incandescent Lamps, Industrial Emergency Light (Lithonia ELT275)	1,392.32	28.98
		For Wireguard, Add	*243.74*	

26 52 13 13-0026 Remote Heads For Painted Steel Housing, Industrial Emergency Lights *(26 52 13 13-0018)*

Note: For use with fixtures that have remote capability.

26 52 13 13-0027	EA	8 Watt, 6 Volt, Thermoplastic Housing, Incandescent Lamp, Emergency Light Remote Head (Lithonia ELA N0806)	126.05	17.39
		For Wireguard, Add	*184.68*	
26 52 13 13-0028	EA	12 Watt, 6 Volt, Thermoplastic Housing, Incandescent Lamp, Emergency Light Remote Head (Lithonia ELA N1206)	130.60	17.39
		For Wireguard, Add	*184.68*	
26 52 13 13-0029	EA	8 Watt, 12 Volt, Thermoplastic Housing, Halogen Lamp, Emergency Light Remote Head (Lithonia ELA H0812)	126.69	17.39
		For Wireguard, Add	*184.68*	
26 52 13 13-0030	EA	12 Watt, 12 Volt, Thermoplastic Housing, Incandescent Lamp, Emergency Light Remote Head (Lithonia ELA N1212)	127.43	17.39
		For Wireguard, Add	*184.68*	
26 52 13 13-0031	EA	12 Watt, 25 Volt, Thermoplastic Housing, Incandescent Lamp, Emergency Light Remote Head (Lithonia ELA N2512)	130.60	17.39
		For Wireguard, Add	*184.68*	
26 52 13 13-0032	EA	12 Watt, 25 Volt, Aluminum Housing, Incandescent Lamp, Emergency Light Remote Head (Lithonia ELA MT N2512)	153.63	17.39
		For Wireguard, Add	*184.68*	

26 52 13 13-0033 Rugged Injection-Molded Thermoplastic Housing, Industrial Emergency Lights *(26 52 13 13-0017)*

26 52 13 13-0034 Rugged Injection-Molded Thermoplastic Housing, Industrial Emergency Lights *(26 52 13 13-0033)*

Note: Includes lead-calcium batteries and two adjustable lamp heads.

26 52 13 13-0035	EA	18 Max Wattage At 90 Minutes, 6 Volt, Krypton Lamps, Rugged Injection-Molded Thermoplastic Housing, Industrial Emergency Light (Lithonia IND618)	432.48	28.98
		For Wireguard, Add	*222.50*	
		For Self-Diagnostics, Add	*105.50*	
26 52 13 13-0036	EA	36 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Krypton Lamps, Rugged Injection-Molded Thermoplastic Housing, Industrial Emergency Light (Lithonia IND1236)	471.05	28.98
		For Wireguard, Add	*222.50*	
		For Self-Diagnostics, Add	*105.50*	
26 52 13 13-0037	EA	54 Max Wattage At 90 Minutes, 6 Volt, Remote Capability, Krypton Lamps, Rugged Injection-Molded Thermoplastic Housing, Industrial Emergency Light (Lithonia IND654)	460.48	28.98
		For Wireguard, Add	*222.50*	
		For Self-Diagnostics, Add	*105.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 52 13 13-0038	EA	54 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Krypton Lamps, Rugged Injection-Molded Thermoplastic Housing, Industrial Emergency Light (Lithonia IND1254)	487.42	28.98
		For Wireguard, Add	*222.50*	
		For Self-Diagnostics, Add	*105.50*	
26 52 13 13-0039	EA	100 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Krypton Lamps, Rugged Injection-Molded Thermoplastic Housing, Industrial Emergency Light (Lithonia IND12100)	828.67	28.98
		For Wireguard, Add	*222.50*	
		For Self-Diagnostics, Add	*105.50*	
26 52 13 13-0040	EA	18 Max Wattage At 90 Minutes, 6 Volt, Krypton Lamps, NEMA 4X, Rugged Injection-Molded Thermoplastic Housing, Harsh Environment Industrial Emergency Light (Lithonia INDX618)	648.54	28.98
		For Wireguard, Add	*222.50*	
		For Self-Diagnostics, Add	*61.50*	
26 52 13 13-0041	EA	36 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Krypton Lamps, NEMA 4X, Rugged Injection-Molded Thermoplastic Housing, Harsh Environment Industrial Emergency Light (Lithonia INDX1236)	727.78	28.98
		For Wireguard, Add	*222.50*	
		For Self-Diagnostics, Add	*61.50*	
26 52 13 13-0042	EA	54 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Krypton Lamps, NEMA 4X, Rugged Injection-Molded Thermoplastic Housing, Harsh Environment Industrial Emergency Light (Lithonia INDX1254)	767.92	28.98
		For Wireguard, Add	*222.50*	
		For Self-Diagnostics, Add	*61.50*	

26 52 13 13-0043 Remote Heads For Rugged Injection-Molded Thermoplastic Housing, Industrial Emergency Lights *(26 52 13 13-0033)*

Note: For use with fixtures that have remote capability.

26 52 13 13-0044	EA	9 Watt, 6 Volt, Heavyweight Polycarbonate Housing, Krypton Lamp, Emergency Light Remote Head (Lithonia ELA IND K0906)	108.62	17.39
26 52 13 13-0045	EA	12 Watt, 6 Volt, Heavyweight Polycarbonate Housing, Halogen Lamp, Emergency Light Remote Head (Lithonia ELA IND H1206)	117.81	17.39
26 52 13 13-0046	EA	9 Watt, 12 Volt, Heavyweight Polycarbonate Housing, Krypton Lamp, Emergency Light Remote Head (Lithonia ELA IND K0912)	108.73	17.39
26 52 13 13-0047	EA	12 Watt, 12 Volt, Heavyweight Polycarbonate Housing, Halogen Lamp, Emergency Light Remote Head (Lithonia ELA IND H1212)	115.49	17.39
26 52 13 13-0048	EA	12 Watt, 20 Volt, Heavyweight Polycarbonate Housing, Halogen Lamp, Emergency Light Remote Head (Lithonia ELA IND H2012)	98.12	17.39

26 52 13 13-0049 Outdoor Emergency Lights *(26 52 13 13)*

26 52 13 13-0050 Gasketed Die-Cast Aluminum Housing, Outdoor Emergency Lights *(26 52 13 13-0049)*

Note: Includes nickel-cadmium batteries.

26 52 13 13-0051	EA	10 Max Wattage At 90 Minutes, LED Lamps, Gasketed Aluminum Die-Cast Housing, Outdoor Emergency Light (Dual-Lite PG Series)	687.10	28.98
26 52 13 13-0052	EA	10 Max Wattage At 90 Minutes, LED Lamps, Gasketed Aluminum Die-Cast Housing, Outdoor Emergency Light With Heater (Dual-Lite PG Series)	821.81	28.98

26 52 13 13-0053 Recessed Emergency Lights *(26 52 13 13)*

26 52 13 13-0054	EA	10 Watt At 90 Minutes, 6 Volt, Halogen Lamp, 8" Round, Recessed High-Hat Emergency Light (Lithonia ELRG)	750.13	28.98
		For Wire Guard, Add	*60.00*	
26 52 13 13-0055	EA	16 Max Wattage At 90 Minutes, 6 Volt, 12" x 12" Polycarbonate Housing, Glass Sealed-Beam Lamps, Recessed Emergency Light (Lithonia ELR2)	581.01	57.95
		Note: Includes lead-calcium batteries and two adjustable lamp heads.		
		For Wireguard, Add	*243.74*	
26 52 13 13-0056	EA	50 Max Wattage At 90 Minutes, 12 Volt, 12" x 12" Polycarbonate Housing, Glass Sealed-Beam Lamps, Recessed Emergency Light (Lithonia ELR4)	842.08	57.95
		Note: Includes lead-calcium batteries and two adjustable lamp heads.		
		For Wireguard, Add	*243.74*	

26 52 13 13-0057 Square Wraparound Emergency Lights *(26 52 13 13)*

26 52 13 13-0058	EA	10 Max Wattage At 90 Minutes, 6 Volt, Halogen Lamp, 10-5/16" x 10-5/16" Lexan Frame, Square Wraparound Emergency Light (Lithonia ELSQ)	338.36	28.98

26 52 13 16 Exit Signs *(26 52 13)*

Note: Excludes pendants.

26 52 13 16-0001 LED Exit Signs *(26 52 13 16)*

Note: Includes red LED lamps.

26 52 13 16-0002	EA	Single Face, Thermoplastic Housing, LED Exit Sign (Lithonia LQM-S-W-3-R-120/277-M6)	191.57	42.36
		For Green LED Lamps, Add	*15.00*	
		For >50 To 100, Deduct	*-6.91*	
		For >100 To 250, Deduct	*-11.70*	
		For >250 To 500, Deduct	*-19.16*	
		For >500, Deduct	*-26.62*	
26 52 13 16-0003	EA	Double Face, Thermoplastic Housing, LED Exit Sign (Lithonia LQM-S-W-3-R-120/277-M6)	191.57	42.36
		For Green LED Lamps, Add	*15.00*	
		For >50 To 100, Deduct	*-6.91*	
		For >100 To 250, Deduct	*-11.70*	
		For >250 To 500, Deduct	*-19.16*	
		For >500, Deduct	*-26.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 52 13 16-0004	EA	Single Face, Thermoplastic Housing, LED Exit Sign With Battery Back-Up (Lithonia LQM-S-W-3-R-120/277-EL-N-M6)	271.50	42.36
		For Green LED Lamps, Add	*15.00*	
		For Self-Diagnostics, Add	*50.00*	
		For >50 To 100, Deduct	*-8.91*	
		For >100 To 250, Deduct	*-15.69*	
		For >250 To 500, Deduct	*-27.15*	
		For >500, Deduct	*-38.61*	
26 52 13 16-0005	EA	Double Face, Thermoplastic Housing, LED Exit Sign With Battery Back-Up (Lithonia LQM ELN)	271.50	42.36
		For Green LED Lamps, Add	*15.00*	
		For Self-Diagnostics, Add	*50.00*	
		For >50 To 100, Deduct	*-8.91*	
		For >100 To 250, Deduct	*-15.69*	
		For >250 To 500, Deduct	*-27.15*	
		For >500, Deduct	*-38.61*	
26 52 13 16-0006	EA	Single Face, Die-Cast Aluminum Housing, LED Exit Sign (Lithonia LQC-W-1-R)	300.05	42.36
		For Green LED Lamps, Add	*15.00*	
		For >50 To 100, Deduct	*-9.62*	
		For >100 To 250, Deduct	*-17.12*	
		For >250 To 500, Deduct	*-30.01*	
		For >500, Deduct	*-42.89*	
26 52 13 16-0007	EA	Double Face, Die-Cast Aluminum Housing, LED Exit Sign (Lithonia LQC-W-2-R)	341.71	42.36
		For Green LED Lamps, Add	*15.00*	
		For >50 To 100, Deduct	*-10.66*	
		For >100 To 250, Deduct	*-19.20*	
		For >250 To 500, Deduct	*-34.17*	
		For >500, Deduct	*-49.14*	
26 52 13 16-0008	EA	Single Face, Die-Cast Aluminum Housing, LED Exit Sign With Battery Back-Up (Lithonia LQC-W-1-R-EL-N)	282.64	42.36
		For Green LED Lamps, Add	*15.00*	
		For Self-Diagnostics, Add	*50.00*	
		For >50 To 100, Deduct	*-9.18*	
		For >100 To 250, Deduct	*-16.25*	
		For >250 To 500, Deduct	*-28.26*	
		For >500, Deduct	*-40.28*	
26 52 13 16-0009	EA	Double Face, Die-Cast Aluminum Housing, LED Exit Sign With Battery Back-Up (Lithonia LQC-W-2-R-EL-N)	312.88	42.36
		For Green LED Lamps, Add	*15.00*	
		For Self-Diagnostics, Add	*50.00*	
		For >50 To 100, Deduct	*-9.94*	
		For >100 To 250, Deduct	*-17.76*	
		For >250 To 500, Deduct	*-31.29*	
		For >500, Deduct	*-44.81*	
26 52 13 16-0010	EA	Single Face, Thermoplastic Housing, LED Exit Sign/Emergency Light Combo With Battery Back-Up (Lithonia LHQM-S-W-3-R-M4) Note: Includes two circular side mounted krypton emergency lights.	358.87	42.36
		For Green LED Lamps, Add	*15.00*	
		For >50 To 100, Deduct	*-11.87*	
		For >100 To 250, Deduct	*-20.84*	
		For >250 To 500, Deduct	*-35.89*	
		For >500, Deduct	*-50.93*	
26 52 13 16-0011	EA	Single Face, Thermoplastic Housing, LED Exit Sign/Emergency Light Combo With Battery Back-Up (Lithonia LHQM-LED-R-M6) Note: Includes two circular side mounted LED emergency lights.	303.10	42.36
		For Green LED Lamps, Add	*15.00*	
		For >50 To 100, Deduct	*-10.48*	
		For >100 To 250, Deduct	*-18.05*	
		For >250 To 500, Deduct	*-30.31*	
		For >500, Deduct	*-42.57*	
26 52 13 16-0012	EA	Single Face, Powder Coated Steel Housing, LED Exit Sign/Emergency Light Combo With Battery Back-Up (Big Beam COM-PH) Note: Includes two rectangular front mounted high intensity tungsten emergency lights.	453.22	42.36
		For Green LED Lamps, Add	*15.00*	
		For >50 To 100, Deduct	*-14.23*	
		For >100 To 250, Deduct	*-25.56*	
		For >250 To 500, Deduct	*-45.32*	
		For >500, Deduct	*-65.09*	
26 52 13 16-0013	EA	Single Face, Powder Coated Steel Housing, LED Exit Sign/Emergency Light Combo With Battery Back-Up (Big Beam COM) Note: Includes two circular side mounted PAR 36 emergency lights.	475.17	42.36
		For Green LED Lamps, Add	*15.00*	
		For >50 To 100, Deduct	*-14.78*	
		For >100 To 250, Deduct	*-26.66*	
		For >250 To 500, Deduct	*-47.52*	
		For >500, Deduct	*-68.38*	
26 52 13 16-0014	EA	Single Or Double Face, Polycarbonate Housing, LED Emergency Exit Sign (Eaton Lighting APX6R)	124.26	42.36
		For >50 To 100, Deduct	*-5.22*	
		For >100 To 250, Deduct	*-8.33*	
		For >250 To 500, Deduct	*-12.43*	
		For >500, Deduct	*-16.52*	
26 52 13 16-0015	EA	120-277 Volt, LED Emergency Exit Sign With Nickel Cadmium Battery, Red (Cooper Industries APX7R)	124.77	42.36
		For >50 To 100, Deduct	*-5.24*	
		For >100 To 250, Deduct	*-8.36*	
		For >250 To 500, Deduct	*-12.48*	
		For >500, Deduct	*-16.60*	

26 52 13 16-0016 Edge-Lit LED Exit Signs *(26 52 13 16)*
Note: Includes red LED lamps.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 52 13 16-0017	EA	Single Face, Edge-Lit LED Exit Sign (Lithonia EDG-1- R-M6)	266.41	42.36
		For Green LED Lamps, Add	*40.00*	
		For >50 To 100, Deduct	*-8.78*	
		For >100 To 250, Deduct	*-15.44*	
		For >250 To 500, Deduct	*-26.64*	
		For >500, Deduct	*-37.84*	
26 52 13 16-0018	EA	Double Face, Edge-Lit LED Exit Sign (Lithonia EDG-2-R-M6)	269.30	42.36
		For Green LED Lamps, Add	*40.00*	
		For >50 To 100, Deduct	*-8.85*	
		For >100 To 250, Deduct	*-15.58*	
		For >250 To 500, Deduct	*-26.93*	
		For >500, Deduct	*-38.28*	
26 52 13 16-0019	EA	Single Face, Edge-Lit LED Exit Sign With Battery Back-Up (Lithonia EDG-1-R-EL-M6)	288.81	42.36
		For Green LED Lamps, Add	*40.00*	
		For Self-Diagnostics, Add	*50.00*	
		For >50 To 100, Deduct	*-9.34*	
		For >100 To 250, Deduct	*-16.56*	
		For >250 To 500, Deduct	*-28.88*	
		For >500, Deduct	*-41.20*	
26 52 13 16-0020	EA	Double Face, Edge-Lit LED Exit Sign With Battery Back-Up (Lithonia EDG-2-R-EL-M6)	347.14	42.36
		For Green LED Lamps, Add	*40.00*	
		For Self-Diagnostics, Add	*50.00*	
		For >50 To 100, Deduct	*-10.80*	
		For >100 To 250, Deduct	*-19.48*	
		For >250 To 500, Deduct	*-34.71*	
		For >500, Deduct	*-49.95*	

26 52 13 16-0021 Self-Luminous Tritium Exit Signs *(26 52 13 16)*

Note: Includes red or green tritium filled pyrex glass light tubes with phosphor coating.

26 52 13 16-0022	EA	10 Year, Single Face, Acrylonitrile Butadiene Styrene (ABS) Housing, Self-Luminous Tritium Exit Sign (Isolite SLX-60-S-10-R)	579.18	42.36
		For >50 To 100, Deduct	*-16.60*	
		For >100 To 250, Deduct	*-31.08*	
		For >250 To 500, Deduct	*-57.92*	
		For >500, Deduct	*-84.76*	
26 52 13 16-0023	EA	10 Year, Double Face, Acrylonitrile Butadiene Styrene (ABS) Housing, Self-Luminous Tritium Exit Sign (Isolite SLX-60-D-10-R)	1,073.10	42.36
		For >50 To 100, Deduct	*-28.95*	
		For >100 To 250, Deduct	*-55.77*	
		For >250 To 500, Deduct	*-107.31*	
		For >500, Deduct	*-158.85*	
26 52 13 16-0024	EA	20 Year, Single Face, Acrylonitrile Butadiene Styrene (ABS) Housing, Self-Luminous Tritium Exit Sign (Isolite SLX-60-S-20-R)	691.69	42.36
		For >50 To 100, Deduct	*-19.41*	
		For >100 To 250, Deduct	*-36.70*	
		For >250 To 500, Deduct	*-69.17*	
		For >500, Deduct	*-101.64*	
26 52 13 16-0025	EA	20 Year, Double Face, Acrylonitrile Butadiene Styrene (ABS) Housing, Self-Luminous Tritium Exit Sign (Isolite SLX-60-D-20-R)	1,163.43	42.36
		For >50 To 100, Deduct	*-31.20*	
		For >100 To 250, Deduct	*-60.29*	
		For >250 To 500, Deduct	*-116.34*	
		For >500, Deduct	*-172.40*	
26 52 13 16-0026	EA	10 Year, Single Face, Aluminum Housing, Self-Luminous Tritium Exit Sign (Isolite 2040-01-10-R)	635.17	42.36
		For >50 To 100, Deduct	*-18.00*	
		For >100 To 250, Deduct	*-33.88*	
		For >250 To 500, Deduct	*-63.52*	
		For >500, Deduct	*-93.16*	
26 52 13 16-0027	EA	10 Year, Double Face, Aluminum Housing, Self-Luminous Tritium Exit Sign (Isolite 2040-07-10-R)	1,163.43	42.36
		For >50 To 100, Deduct	*-31.20*	
		For >100 To 250, Deduct	*-60.29*	
		For >250 To 500, Deduct	*-116.34*	
		For >500, Deduct	*-172.40*	
26 52 13 16-0028	EA	20 Year, Single Face, Aluminum Housing, Self-Luminous Tritium Exit Sign (Isolite 2040-01-20-R)	781.50	42.36
		For >50 To 100, Deduct	*-21.66*	
		For >100 To 250, Deduct	*-41.19*	
		For >250 To 500, Deduct	*-78.15*	
		For >500, Deduct	*-115.11*	
26 52 13 16-0029	EA	20 Year, Double Face, Aluminum Housing, Self-Luminous Tritium Exit Sign (Isolite 2040-07-20-R)	1,446.57	42.36
		For >50 To 100, Deduct	*-38.28*	
		For >100 To 250, Deduct	*-74.45*	
		For >250 To 500, Deduct	*-144.66*	
		For >500, Deduct	*-214.87*	

26 52 13 16-0030 Vandal-Resistant LED Exit Signs *(26 52 13 16)*

Note: Includes red LED lamps.

26 52 13 16-0031	EA	Single Face, Aluminum Housing, Vandal-Resistant/Wet Location, LED Exit Sign (Lithonia LV-S-W-1-R-120/277)	545.90	42.36
		For >50 To 100, Deduct	*-15.77*	
		For >100 To 250, Deduct	*-29.41*	
		For >250 To 500, Deduct	*-54.59*	
		For >500, Deduct	*-79.77*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 52 13 16-0032	EA	Single Face, Aluminum Housing, Vandal-Resistant/Wet Location, LED Exit Sign With Battery Backup (Lithonia LV-S-W-1-R-120/277-EL-N)	851.76	42.36
		For >50 To 100, Deduct	*-23.41*	
		For >100 To 250, Deduct	*-44.71*	
		For >250 To 500, Deduct	*-85.18*	
		For >500, Deduct	*-125.65*	
26 52 13 16-0033	EA	Single Face, Aluminum Housing, NEMA 4X, Vandal-Resistant/Wet Location, LED Exit Sign With Battery Backup (Lithonia LV-S-1-R-120/277-EL-N-UM-4X)	1,039.29	42.36
		For >50 To 100, Deduct	*-28.10*	
		For >100 To 250, Deduct	*-54.08*	
		For >250 To 500, Deduct	*-103.93*	
		For >500, Deduct	*-153.78*	

26 52 13 16-0034 Removal And Reinstallation Of Exit Light Fixture *(26 52 13 16)*

26 52 13 16-0035	EA	Removal And Reinstall Of Exit Light Fixtures Note: Includes storage and cleaning.	86.93	
		For >50 To 100, Deduct	*-4.35*	
		For >100 To 250, Deduct	*-6.52*	
		For >250 To 500, Deduct	*-8.69*	
		For >500, Deduct	*-10.87*	

26 52 13 16-0036 Exit Sign Accessories *(26 52 13 16)*

26 52 13 16-0037	EA	Polycarbonate Vandal Shield For Exit Signs (Radiant-Lite BG-1)	128.85	11.61
		For >50 To 100, Deduct	*-3.80*	
		For >100 To 250, Deduct	*-7.02*	
		For >250 To 500, Deduct	*-12.89*	
		For >500, Deduct	*-18.75*	
26 52 13 16-0038	EA	Wire Guard For Exit Signs Or Emergency Lights (Best Lighting Products WG-1)	74.18	11.61
		For >50 To 100, Deduct	*-2.44*	
		For >100 To 250, Deduct	*-4.29*	
		For >250 To 500, Deduct	*-7.42*	
		For >500, Deduct	*-10.55*	
26 52 13 16-0039	EA	Removal And Replacement Of Battery For Exit Signs Note: Battery: nickel cadmium, 1.2 volt, 1 Ah battery capacity	128.22	
		For >50 To 100, Deduct	*-3.93*	
		For >100 To 250, Deduct	*-7.14*	
		For >250 To 500, Deduct	*-12.82*	
		For >500, Deduct	*-18.51*	

26 54 Classified Location Lighting *(26 50)*

26 54 19 LED Classified Location Lighting *(26 54)*

26 54 19 00-0001 Class I Division 2, Hazardous Location, LED Fixtures *(26 54 19)*

26 54 19 00-0002 Class I Division 2, Hazardous Location, NEMA 4X, LED Floodlight (Cooper Champ® FMV) *(26 54 19 00-0001)*

Note: Includes 5,600K CRI LED arrays, shatter resistant glass lens, silicone gaskets, stainless steel external hardware and powder coated aluminum housing.

26 54 19 00-0003	EA	5,183 Lumens, 45 Watt, Yoke Mount, Class I Division 2, NEMA 4X, 7 x 6 Optic, Glass Lens, LED Floodlight (Cooper Champ® FMV5L)	2,464.35	95.30
		For Bolt-On Visor, Add	*94.27*	
		For Bolt-On Wire Guard, Add	*193.89*	
		For 480 Volt, Add	*166.01*	
		For Warm White Color Rendering, Add	*70.48*	
		For >50 To 100, Deduct	*-65.58*	
		For >100 To 250, Deduct	*-127.19*	
		For >250 To 500, Deduct	*-246.44*	
		For >500, Deduct	*-365.68*	
26 54 19 00-0004	EA	7,095 Lumens, 62 Watt, Yoke Mount, Class I Division 2, NEMA 4X, 7 x 6 Optic, Glass Lens, LED Floodlight (Cooper Champ® FMV7L)	3,017.96	101.65
		For Bolt-On Visor, Add	*94.27*	
		For Bolt-On Wire Guard, Add	*193.89*	
		For 480 Volt, Add	*166.01*	
		For Warm White Color Rendering, Add	*70.48*	
		For >50 To 100, Deduct	*-79.68*	
		For >100 To 250, Deduct	*-155.13*	
		For >250 To 500, Deduct	*-301.80*	
		For >500, Deduct	*-448.46*	
26 54 19 00-0005	EA	9,132 Lumens, 79 Watt, Yoke Mount, Class I Division 2, NEMA 4X, 7 x 6 Optic, Glass Lens, LED Floodlight (Cooper Champ® FMV9L)	3,408.70	108.01
		For Bolt-On Visor, Add	*94.27*	
		For Bolt-On Wire Guard, Add	*193.89*	
		For 480 Volt, Add	*166.01*	
		For Warm White Color Rendering, Add	*70.48*	
		For >50 To 100, Deduct	*-89.72*	
		For >100 To 250, Deduct	*-174.94*	
		For >250 To 500, Deduct	*-340.87*	
		For >500, Deduct	*-506.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 54 19 00-0006	EA	11,107 Lumens, 99 Watt, Yoke Mount, Class I Division 2, NEMA 4X, 7 x 6 Optic, Glass Lens, LED Floodlight (Cooper Champ® FMV11L)	3,810.28	114.36
		For Bolt-On Visor, Add	*94.27*	
		For Bolt-On Wire Guard, Add	*193.89*	
		For 480 Volt, Add	*166.01*	
		For Warm White Color Rendering, Add	*70.48*	
		For >50 To 100, Deduct	*-100.02*	
		For >100 To 250, Deduct	*-195.28*	
		For >250 To 500, Deduct	*-381.03*	
		For >500, Deduct	*-566.78*	

26 54 19 00-0007 Class I Division 2, Hazardous Location, NEMA 4X, LED Fixture (Cooper Vaporgard™ V2LC) *(26 54 19 00-0001)*

Note: Includes 5,600K CRI LED arrays, heat resistant glass lens, silicone gaskets, stainless steel external hardware and powder coated aluminum housing.

26 54 19 00-0008	EA	1,600 Lumens, 25 Watt, Pendant Mount, Class I Division 2, Hazardous Location, NEMA 4X, LED Fixture (Cooper Vaporgard™ V2LC)	1,457.39	88.95
		For 12/24 Volt DC Driver, Add	*26.79*	
		For Frosted Lens, Add	*54.75*	
		For Warm White Color Temperature LEDs, Add	*70.48*	
		For 55 Degree Ambient Suitability (AC Only) Option, Add	*36.48*	
		For Stanchion Mount, Add	*225.86*	
		For Ceiling Mount, Add	*90.57*	
		For Wall Mount, Add	*132.21*	
		For Teflon Coated Lens, Add	*116.21*	
		For Wall Mount With Junction Box, Add	*193.04*	
		For >50 To 100, Deduct	*-40.14*	
		For >100 To 250, Deduct	*-76.58*	
		For >250 To 500, Deduct	*-145.74*	
		For >500, Deduct	*-214.90*	

26 54 19 00-0009 Class I Division 2, Hazardous Location, NEMA 4X, LED Fixture (Cooper Champ® VMV) *(26 54 19 00-0001)*

Note: Includes 5,600K CRI LED arrays, heat and impact resistant glass lens, silicone gaskets, stainless steel external hardware and powder coated aluminum housing.

26 54 19 00-0010	EA	3,240 Lumens, 47 Watt, Pendant Mount, Class I Division 2, Hazardous Location, NEMA 4X, LED Fixture (Cooper Champ® VMV3L)	2,316.28	88.95
		For Ceiling Mount, Add	*17.33*	
		For Quick Clip Mounting Option, Add	*25.46*	
		For Frosted Lens, Add	*54.75*	
		For Warm White Color Rendering, Add	*70.48*	
		For Polycarbonate Lens, Add	*101.48*	
		For 480 Volt, Add	*166.01*	
		For >50 To 100, Deduct	*-61.61*	
		For >100 To 250, Deduct	*-119.52*	
		For >250 To 500, Deduct	*-231.63*	
		For >500, Deduct	*-343.74*	
26 54 19 00-0011	EA	3,778 Lumens, 63 Watt, Pendant Mount, Class I Division 2, Hazardous Location, NEMA 4X, LED Fixture (Cooper Champ® VMV5L)	2,565.41	95.30
		For Ceiling Mount, Add	*17.33*	
		For Quick Clip Mounting Option, Add	*25.46*	
		For Frosted Lens, Add	*54.75*	
		For Warm White Color Rendering, Add	*70.48*	
		For Polycarbonate Lens, Add	*101.48*	
		For 480 Volt, Add	*166.01*	
		For >50 To 100, Deduct	*-68.11*	
		For >100 To 250, Deduct	*-132.24*	
		For >250 To 500, Deduct	*-256.54*	
		For >500, Deduct	*-380.84*	
26 54 19 00-0012	EA	6,340 Lumens, 98 Watt, Pendant Mount, Class I Division 2, Hazardous Location, NEMA 4X, LED Fixture (Cooper Champ® VMV7L)	2,874.40	101.65
		For Ceiling Mount, Add	*17.33*	
		For Quick Clip Mounting Option, Add	*25.46*	
		For Frosted Lens, Add	*54.75*	
		For Warm White Color Rendering, Add	*70.48*	
		For Polycarbonate Lens, Add	*101.48*	
		For 480 Volt, Add	*166.01*	
		For >50 To 100, Deduct	*-76.10*	
		For >100 To 250, Deduct	*-147.96*	
		For >250 To 500, Deduct	*-287.44*	
		For >500, Deduct	*-426.92*	
26 54 19 00-0013	EA	6,340 Lumens, 98 Watt, Pendant Mount, Class I Division 2, Hazardous Location, NEMA 4X, LED Fixture (Cooper Champ® VMV9L)	3,744.83	108.01
		For Ceiling Mount, Add	*17.33*	
		For Quick Clip Mounting Option, Add	*25.46*	
		For Frosted Lens, Add	*54.75*	
		For Warm White Color Rendering, Add	*70.48*	
		For Polycarbonate Lens, Add	*101.48*	
		For 480 Volt, Add	*166.01*	
		For >50 To 100, Deduct	*-98.12*	
		For >100 To 250, Deduct	*-191.74*	
		For >250 To 500, Deduct	*-374.48*	
		For >500, Deduct	*-557.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 54 19 00-0014	EA	9,720 Lumens, 137 Watt, Pendant Mount, Class I Division 2, Hazardous Location, NEMA 4X, LED Fixture (Cooper Champ® VMV11L)	4,296.44	114.36
		For Ceiling Mount, Add	*17.33*	
		For Quick Clip Mounting Option, Add	*25.46*	
		For Frosted Lens, Add	*54.75*	
		For Warm White Color Rendering, Add	*70.48*	
		For Polycarbonate Lens, Add	*101.48*	
		For 480 Volt, Add	*166.01*	
		For >50 To 100, Deduct	*-112.18*	
		For >100 To 250, Deduct	*-219.59*	
		For >250 To 500, Deduct	*-429.64*	
		For >500, Deduct	*-639.70*	

26 54 19 00-0015 Class I Division 1, Explosion Proof, LED Fixtures *(26 54 19)*

26 54 19 00-0016 Class I Division 1, Explosion Proof, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Hazard Gard® EVLL) *(26 54 19 00-0015)*

Note: Includes 5,600K CRI LED arrays, shatter resistant and explosion proof glass lens, silicone gaskets, stainless steel external hardware and powder coated aluminum housing.

26 54 19 00-0017	EA	5,625 Lumens, 80 Watt, Pendant Mount, Class I Division 1, Explosion Proof, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Hazard Gard® EVLL5L)	3,734.23	95.30
		For Wall Mount, Deduct	*-14.26*	
		For Warm Color Temperature LEDs, Add	*76.86*	
		For Stainless Steel Guard, Add	*137.97*	
		For Ceiling Mount, Add	*166.44*	
		For Stanchion Mount, Add	*193.71*	
		For Yoke Mount, Add	*484.27*	
		For >50 To 100, Deduct	*-97.33*	
		For >100 To 250, Deduct	*-190.68*	
		For >250 To 500, Deduct	*-373.42*	
		For >500, Deduct	*-556.16*	
26 54 19 00-0018	EA	6,750 Lumens, 100 Watt, Pendant Mount, Class I Division 1, Explosion Proof, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Hazard Gard® EVLL7L)	4,540.46	101.65
		For Wall Mount, Deduct	*-14.26*	
		For Warm Color Temperature LEDs, Add	*76.86*	
		For Stainless Steel Guard, Add	*137.97*	
		For Ceiling Mount, Add	*166.44*	
		For Stanchion Mount, Add	*193.71*	
		For Yoke Mount, Add	*484.27*	
		For >50 To 100, Deduct	*-117.75*	
		For >100 To 250, Deduct	*-231.26*	
		For >250 To 500, Deduct	*-454.05*	
		For >500, Deduct	*-676.83*	
26 54 19 00-0019	EA	9,000 Lumens, 130 Watt, Pendant Mount, Class I Division 1, Explosion Proof, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Hazard Gard® EVLL9L)	5,274.46	108.01
		For Wall Mount, Deduct	*-14.26*	
		For Warm Color Temperature LEDs, Add	*76.86*	
		For Stainless Steel Guard, Add	*137.97*	
		For Ceiling Mount, Add	*166.44*	
		For Stanchion Mount, Add	*193.71*	
		For Yoke Mount, Add	*484.27*	
		For >50 To 100, Deduct	*-136.36*	
		For >100 To 250, Deduct	*-268.22*	
		For >250 To 500, Deduct	*-527.45*	
		For >500, Deduct	*-786.67*	
26 54 19 00-0020	EA	10,500 Lumens, 151 Watt, Pendant Mount, Class I Division 1, Explosion Proof, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Hazard Gard® EVLL11L)	6,021.95	114.36
		For Wall Mount, Deduct	*-14.26*	
		For Warm Color Temperature LEDs, Add	*76.86*	
		For Stainless Steel Guard, Add	*137.97*	
		For Ceiling Mount, Add	*166.44*	
		For Stanchion Mount, Add	*193.71*	
		For Yoke Mount, Add	*484.27*	
		For >50 To 100, Deduct	*-155.31*	
		For >100 To 250, Deduct	*-305.86*	
		For >250 To 500, Deduct	*-602.20*	
		For >500, Deduct	*-898.53*	
26 54 19 00-0021	EA	13,500 Lumens, 175 Watt, Pendant Mount, Class I Division 1, Explosion Proof, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Hazard Gard® EVLL13L)	6,977.70	110.12
		For Wall Mount, Deduct	*-14.26*	
		For Warm Color Temperature LEDs, Add	*76.86*	
		For Stainless Steel Guard, Add	*137.97*	
		For Ceiling Mount, Add	*166.44*	
		For Stanchion Mount, Add	*193.71*	
		For Yoke Mount, Add	*484.27*	
		For >50 To 100, Deduct	*-179.47*	
		For >100 To 250, Deduct	*-353.91*	
		For >250 To 500, Deduct	*-697.77*	
		For >500, Deduct	*-1,041.63*	

26 55 Special Purpose Lighting *(26 50)*

26 55 13 Landscape Lighting *(26 55)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 55 13 00-0001		Bollards *(26 55 13)* Note: Excludes concrete base.		
26 55 13 00-0002		Aluminum Architectural Bollards *(26 55 13 00-0001)*		
26 55 13 00-0003		High Pressure Sodium, Aluminum Architectural Bollards *(26 55 13 00-0002)*		
26 55 13 00-0004		Square, High Pressure Sodium, Aluminum Architectural Bollards *(26 55 13 00-0003)*		
26 55 13 00-0005	EA	24" Overall Height, 6-3/4" Square, 35 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,576.37	98.52
26 55 13 00-0006	EA	30" Overall Height, 6-3/4" Square, 35 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,587.95	104.31
26 55 13 00-0007	EA	36" Overall Height, 6-3/4" Square, 35 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,599.55	110.10
26 55 13 00-0008	EA	42" Overall Height, 6-3/4" Square, 35 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,477.94	115.91
26 55 13 00-0009	EA	24" Overall Height, 6-3/4" Square, 50 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,576.37	98.52
26 55 13 00-0010	EA	30" Overall Height, 6-3/4" Square, 50 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,587.95	104.31
26 55 13 00-0011	EA	36" Overall Height, 6-3/4" Square, 50 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,599.55	110.10
26 55 13 00-0012	EA	42" Overall Height, 6-3/4" Square, 50 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,477.94	115.91
26 55 13 00-0013	EA	24" Overall Height, 6-3/4" Square, 70 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,576.37	98.52
26 55 13 00-0014	EA	30" Overall Height, 6-3/4" Square, 70 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,587.95	104.31
26 55 13 00-0015	EA	36" Overall Height, 6-3/4" Square, 70 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,599.55	110.10
26 55 13 00-0016	EA	42" Overall Height, 6-3/4" Square, 70 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,477.94	115.91
26 55 13 00-0017	EA	24" Overall Height, 6-3/4" Square, 100 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,576.37	98.52
26 55 13 00-0018	EA	30" Overall Height, 6-3/4" Square, 100 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,587.95	104.31
26 55 13 00-0019	EA	36" Overall Height, 6-3/4" Square, 100 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,599.55	110.10
26 55 13 00-0020	EA	42" Overall Height, 6-3/4" Square, 100 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,477.94	115.91
26 55 13 00-0021		Round, High Pressure Sodium, Aluminum Architectural Bollards *(26 55 13 00-0003)*		
26 55 13 00-0022	EA	24" Overall Height, 7" Diameter, 35 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,515.20	98.52
26 55 13 00-0023	EA	30" Overall Height, 7" Diameter, 35 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,526.78	104.31
26 55 13 00-0024	EA	36" Overall Height, 7" Diameter, 35 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,538.38	110.10
26 55 13 00-0025	EA	42" Overall Height, 7" Diameter, 35 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,416.22	115.91
26 55 13 00-0026	EA	24" Overall Height, 7" Diameter, 50 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,515.20	98.52
26 55 13 00-0027	EA	30" Overall Height, 7" Diameter, 50 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,526.78	104.31
26 55 13 00-0028	EA	36" Overall Height, 7" Diameter, 50 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,538.38	110.10
26 55 13 00-0029	EA	42" Overall Height, 7" Diameter, 50 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,416.22	115.91
26 55 13 00-0030	EA	24" Overall Height, 7" Diameter, 70 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,515.20	98.52
26 55 13 00-0031	EA	30" Overall Height, 7" Diameter, 70 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,526.78	104.31
26 55 13 00-0032	EA	36" Overall Height, 7" Diameter, 70 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,538.38	110.10
26 55 13 00-0033	EA	42" Overall Height, 7" Diameter, 70 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,416.22	115.91
26 55 13 00-0034	EA	24" Overall Height, 7" Diameter, 100 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,515.20	98.52
26 55 13 00-0035	EA	30" Overall Height, 7" Diameter, 100 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,526.78	104.31
26 55 13 00-0036	EA	36" Overall Height, 7" Diameter, 100 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,538.38	110.10
26 55 13 00-0037	EA	42" Overall Height, 7" Diameter, 100 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,416.22	115.91
26 55 13 00-0038		Metal Halide, Aluminum Architectural Bollards *(26 55 13 00-0002)*		
26 55 13 00-0039		Square, Metal Halide, Aluminum Architectural Bollards *(26 55 13 00-0038)*		
26 55 13 00-0040	EA	24" Overall Height, 6-3/4" Square, 50 Watt Metal Halide, Aluminum Architectural Bollard	1,655.78	98.52
26 55 13 00-0041	EA	30" Overall Height, 6-3/4" Square, 50 Watt Metal Halide, Aluminum Architectural Bollard	1,667.36	104.31
26 55 13 00-0042	EA	36" Overall Height, 6-3/4" Square, 50 Watt Metal Halide, Aluminum Architectural Bollard	1,678.96	110.10
26 55 13 00-0043	EA	42" Overall Height, 6-3/4" Square, 50 Watt Metal Halide, Aluminum Architectural Bollard	1,556.80	115.91
26 55 13 00-0044	EA	24" Overall Height, 6-3/4" Square, 70 Watt Metal Halide, Aluminum Architectural Bollard	1,655.78	98.52
26 55 13 00-0045	EA	30" Overall Height, 6-3/4" Square, 70 Watt Metal Halide, Aluminum Architectural Bollard	1,667.36	104.31
26 55 13 00-0046	EA	36" Overall Height, 6-3/4" Square, 70 Watt Metal Halide, Aluminum Architectural Bollard	1,678.96	110.10
26 55 13 00-0047	EA	42" Overall Height, 6-3/4" Square, 70 Watt Metal Halide, Aluminum Architectural Bollard	1,556.80	115.91
26 55 13 00-0048	EA	24" Overall Height, 6-3/4" Square, 100 Watt Metal Halide, Aluminum Architectural Bollard	1,655.78	98.52
26 55 13 00-0049	EA	30" Overall Height, 6-3/4" Square, 100 Watt Metal Halide, Aluminum Architectural Bollard	1,667.36	104.31
26 55 13 00-0050	EA	36" Overall Height, 6-3/4" Square, 100 Watt Metal Halide, Aluminum Architectural Bollard	1,678.96	110.10
26 55 13 00-0051	EA	42" Overall Height, 6-3/4" Square, 100 Watt Metal Halide, Aluminum Architectural Bollard	1,623.26	115.91
26 55 13 00-0052		Round, Metal Halide, Aluminum Architectural Bollards *(26 55 13 00-0038)*		
26 55 13 00-0053	EA	24" Overall Height, 7" Diameter, 50 Watt Metal Halide, Aluminum Architectural Bollard	1,594.06	98.52
26 55 13 00-0054	EA	30" Overall Height, 7" Diameter, 50 Watt Metal Halide, Aluminum Architectural Bollard	1,605.64	104.31
26 55 13 00-0055	EA	36" Overall Height, 7" Diameter, 50 Watt Metal Halide, Aluminum Architectural Bollard	1,617.24	110.10
26 55 13 00-0056	EA	42" Overall Height, 7" Diameter, 50 Watt Metal Halide, Aluminum Architectural Bollard	1,495.08	115.91
26 55 13 00-0057	EA	24" Overall Height, 7" Diameter, 70 Watt Metal Halide, Aluminum Architectural Bollard	1,594.06	98.52
26 55 13 00-0058	EA	30" Overall Height, 7" Diameter, 70 Watt Metal Halide, Aluminum Architectural Bollard	1,605.64	104.31
26 55 13 00-0059	EA	36" Overall Height, 7" Diameter, 70 Watt Metal Halide, Aluminum Architectural Bollard	1,617.24	110.10
26 55 13 00-0060	EA	42" Overall Height, 7" Diameter, 70 Watt Metal Halide, Aluminum Architectural Bollard	1,495.08	115.91
26 55 13 00-0061	EA	24" Overall Height, 7" Diameter, 100 Watt Metal Halide, Aluminum Architectural Bollard	1,594.06	98.52
26 55 13 00-0062	EA	30" Overall Height, 7" Diameter, 100 Watt Metal Halide, Aluminum Architectural Bollard	1,605.64	104.31
26 55 13 00-0063	EA	36" Overall Height, 7" Diameter, 100 Watt Metal Halide, Aluminum Architectural Bollard	1,617.24	110.10
26 55 13 00-0064	EA	42" Overall Height, 7" Diameter, 100 Watt Metal Halide, Aluminum Architectural Bollard	1,495.08	115.91
26 55 13 00-0065		Compact Fluorescent, Aluminum Architectural Bollards *(26 55 13 00-0002)*		
26 55 13 00-0066		Square, Compact Fluorescent, Aluminum Architectural Bollards *(26 55 13 00-0065)*		
26 55 13 00-0067	EA	24" Overall Height, 6-3/4" Square, 26 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,569.40	98.52

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 55 13 00-0068	EA	30" Overall Height, 6-3/4" Square, 26 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,580.98	104.31
26 55 13 00-0069	EA	36" Overall Height, 6-3/4" Square, 26 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,592.58	110.10
26 55 13 00-0070	EA	42" Overall Height, 6-3/4" Square, 26 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,472.23	115.91
26 55 13 00-0071	EA	24" Overall Height, 6-3/4" Square, 32 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,569.40	98.52
26 55 13 00-0072	EA	30" Overall Height, 6-3/4" Square, 32 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,580.98	104.31
26 55 13 00-0073	EA	36" Overall Height, 6-3/4" Square, 32 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,592.58	110.10
26 55 13 00-0074	EA	42" Overall Height, 6-3/4" Square, 32 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,472.23	115.91
26 55 13 00-0075	EA	24" Overall Height, 6-3/4" Square, 42 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,569.40	98.52
26 55 13 00-0076	EA	30" Overall Height, 6-3/4" Square, 42 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,580.98	104.31
26 55 13 00-0077	EA	36" Overall Height, 6-3/4" Square, 42 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,592.58	110.10
26 55 13 00-0078	EA	42" Overall Height, 6-3/4" Square, 42 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,472.23	115.91
26 55 13 00-0079		**Round, Compact Fluorescent, Aluminum Architectural Bollards** *(26 55 13 00-0065)*		
26 55 13 00-0080	EA	24" Overall Height, 7" Diameter, 26 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,509.03	98.52
26 55 13 00-0081	EA	30" Overall Height, 7" Diameter, 26 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,520.61	104.31
26 55 13 00-0082	EA	36" Overall Height, 7" Diameter, 26 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,532.21	110.10
26 55 13 00-0083	EA	42" Overall Height, 7" Diameter, 26 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,413.02	115.91
26 55 13 00-0084	EA	24" Overall Height, 7" Diameter, 32 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,509.03	98.52
26 55 13 00-0085	EA	30" Overall Height, 7" Diameter, 32 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,520.61	104.31
26 55 13 00-0086	EA	36" Overall Height, 7" Diameter, 32 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,532.21	110.10
26 55 13 00-0087	EA	42" Overall Height, 7" Diameter, 32 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,413.02	115.91
26 55 13 00-0088	EA	24" Overall Height, 7" Diameter, 42 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,509.03	98.52
26 55 13 00-0089	EA	30" Overall Height, 7" Diameter, 42 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,520.61	104.31
26 55 13 00-0090	EA	36" Overall Height, 7" Diameter, 42 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,532.21	110.10
26 55 13 00-0091	EA	42" Overall Height, 7" Diameter, 42 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,413.02	115.91
26 55 13 00-0092		**LED, Aluminum Architectural Bollards** *(26 55 13 00-0002)*		
26 55 13 00-0093		**Square, LED, Aluminum Architectural Bollards** *(26 55 13 00-0092)*		
26 55 13 00-0094	EA	24" Overall Height, 6-3/4" Square, 12 LEDs, Aluminum Architectural Bollard	1,882.88	98.52
26 55 13 00-0095	EA	30" Overall Height, 6-3/4" Square, 12 LEDs, Aluminum Architectural Bollard	1,894.46	104.31
26 55 13 00-0096	EA	36" Overall Height, 6-3/4" Square, 12 LEDs, Aluminum Architectural Bollard	1,906.06	110.10
26 55 13 00-0097	EA	42" Overall Height, 6-3/4" Square, 12 LEDs, Aluminum Architectural Bollard	1,787.38	115.91
26 55 13 00-0098	EA	24" Overall Height, 6-3/4" Square, 24 LEDs, Aluminum Architectural Bollard	2,303.18	98.52
26 55 13 00-0099	EA	30" Overall Height, 6-3/4" Square, 24 LEDs, Aluminum Architectural Bollard	2,314.76	104.31
26 55 13 00-0100	EA	36" Overall Height, 6-3/4" Square, 24 LEDs, Aluminum Architectural Bollard	2,326.36	110.10
26 55 13 00-0101	EA	42" Overall Height, 6-3/4" Square, 24 LEDs, Aluminum Architectural Bollard	2,205.59	115.91
26 55 13 00-0102		**Round, LED, Aluminum Architectural Bollards** *(26 55 13 00-0092)*		
26 55 13 00-0103	EA	24" Overall Height, 7" Diameter, 12 LEDs, Aluminum Architectural Bollard	1,820.19	98.52
26 55 13 00-0104	EA	30" Overall Height, 7" Diameter, 12 LEDs, Aluminum Architectural Bollard	1,831.77	104.31
26 55 13 00-0105	EA	36" Overall Height, 7" Diameter, 12 LEDs, Aluminum Architectural Bollard	1,843.37	110.10
26 55 13 00-0106	EA	42" Overall Height, 7" Diameter, 12 LEDs, Aluminum Architectural Bollard	1,722.60	115.91
26 55 13 00-0107	EA	24" Overall Height, 7" Diameter, 24 LEDs, Aluminum Architectural Bollard	2,240.49	98.52
26 55 13 00-0108	EA	30" Overall Height, 7" Diameter, 24 LEDs, Aluminum Architectural Bollard	2,252.07	104.31
26 55 13 00-0109	EA	36" Overall Height, 7" Diameter, 24 LEDs, Aluminum Architectural Bollard	2,263.67	110.10
26 55 13 00-0110	EA	42" Overall Height, 7" Diameter, 24 LEDs, Aluminum Architectural Bollard	2,143.64	115.91
26 55 13 00-0111		**Reinforced Concrete Bollards** *(26 55 13 00-0001)*		
26 55 13 00-0112	EA	48" Overall Height, 12" Diameter, LED Light, Reinforced Concrete Bollard	1,525.82	289.76
26 55 13 00-0113	EA	58" Overall Height, 18" Diameter, High Intensity Discharge (HID) Light, Reinforced Concrete Bollard	2,703.37	386.30
26 55 13 00-0114		**Low Voltage** *(26 55 13)*		
26 55 13 00-0115	EA	Low Voltage Recessed Uplight	726.67	210.95
26 55 13 00-0116	EA	Low Voltage Walkway	506.60	115.91
26 55 13 00-0117	EA	Low Voltage Malibu - 5 Light Set	509.33	154.73
26 55 13 00-0118	EA	Low Voltage Mushroom 24" Pier	436.65	115.91
26 55 13 00-0119		**Recessed, Adjustable** *(26 55 13)*		
26 55 13 00-0120	EA	150 Watt Incandescent Recessed, Adjustable	835.52	185.45
26 55 13 00-0121	EA	300 Watt Incandescent Recessed, Adjustable	910.46	185.45
26 55 13 00-0122		**Recessed, Uplight** *(26 55 13)*		
26 55 13 00-0123	EA	50 Watt Incandescent Recessed Uplight	750.58	185.45
26 55 13 00-0124	EA	150 Watt Incandescent Recessed Uplight	765.57	185.45
26 55 13 00-0125	EA	300 Watt Incandescent Recessed Uplight	810.54	185.45
26 55 13 00-0126	EA	500 Watt Quartz Recessed Uplight	805.54	185.45
26 55 13 00-0127	EA	5 Watt, LED Recessed Uplight	1,138.13	185.45
26 55 13 00-0128	EA	15 Watt, LED Recessed Uplight	1,255.23	185.45
26 55 13 00-0129		**Recessed Wall Light** *(26 55 13)*		
26 55 13 00-0130	EA	100 Watt Incandescent Recessed Wall Light	391.69	115.91

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 55 13 00-0131	EA	100 Watt Fluorescent Recessed Wall Light	376.70	115.91
26 55 13 00-0132	EA	100 Watt High Intensity Discharge (HID) Recessed Wall Light	604.26	154.73
26 55 13 00-0133		**Step Lights** *(26 55 13)*		
26 55 13 00-0134	EA	Incandescent Step Light	320.29	92.72
26 55 13 00-0135	EA	Fluorescent Step Light	370.31	92.72
26 55 13 00-0136	EA	5 Watt, LED Step Light	626.51	92.72
26 55 13 00-0137	EA	15 Watt, LED Step Light	751.42	92.72
26 55 13 00-0138		**Tree Lights, Surface Adjustable** *(26 55 13)*		
26 55 13 00-0139	EA	50 Watt Incandescent Tree Lights	669.21	154.73
26 55 13 00-0140	EA	100 Watt Incandescent Tree Lights	684.20	154.73
26 55 13 00-0141	EA	150 Watt Incandescent Tree Lights	863.31	231.81
26 55 16		**Walkway Lighting** *(26 55)*		
26 55 16 00-0001		**Incandescent Walkway** *(26 55 16)*		
26 55 16 00-0002	EA	Post Top 300 Watt Incandescent Walkway Fixture	392.51	107.79
26 55 16 00-0003		**Metal Halide Walkway** *(26 55 16)*		
26 55 16 00-0004	EA	Post Top 100 Watt Metal Halide Walkway Fixture	603.85	169.45
26 55 16 00-0005	EA	Post Top 150-175 Watt Metal Halide Walkway Fixture	639.22	175.60
26 55 16 00-0006	EA	Post Top 250 Watt Metal Halide Walkway Fixture	688.85	182.31
26 55 16 00-0007	EA	Post Top 400 Watt Metal Halide Walkway Fixture	737.82	197.04
26 55 16 00-0008	EA	Round Luminaries 100 Watt Metal Halide Walkway Fixture	657.96	182.31
26 55 16 00-0009	EA	Round Luminaries 150-175 Watt Metal Halide Walkway Fixture	663.28	169.45
26 55 16 00-0010	EA	Round Luminaries 250 Watt Metal Halide Walkway Fixture	676.31	175.60
26 55 16 00-0011	EA	Spherical 100 Watt Metal Halide Walkway Fixture	534.96	120.77
26 55 16 00-0012	EA	Spherical 150-175 Watt Metal Halide Walkway Fixture	565.85	120.77
26 55 16 00-0013	EA	Spherical 250 Watt Metal Halide Walkway Fixture	596.75	120.77
26 55 16 00-0014	EA	Spherical 400 Watt Metal Halide Walkway Fixture	673.70	135.95
26 55 16 00-0015	EA	Low Walkway 100 Watt Metal Halide Walkway Fixture	510.54	108.48
26 55 16 00-0016		**High Pressure Sodium Walkway** *(26 55 16)*		
26 55 16 00-0017	EA	Post Top 100 Watt High Pressure Sodium Walkway Fixture	545.89	169.45
26 55 16 00-0018	EA	Post Top 150-175 Watt High Pressure Sodium Walkway Fixture	576.22	175.60
26 55 16 00-0019	EA	Post Top 250 Watt High Pressure Sodium Walkway Fixture	617.89	182.31
26 55 16 00-0020	EA	Post Top 400 Watt High Pressure Sodium Walkway Fixture	662.66	197.04
26 55 16 00-0021	EA	Round Luminaries 100 Watt High Pressure Sodium Walkway Fixture	593.76	182.31
26 55 16 00-0022	EA	Round Luminaries 150-175 Watt High Pressure Sodium Walkway Fixture	592.32	169.45
26 55 16 00-0023	EA	Round Luminaries 250 Watt High Pressure Sodium Walkway Fixture	605.20	175.60
26 55 16 00-0024	EA	Spherical 100 Watt High Pressure Sodium Walkway Fixture	470.76	120.77
26 55 16 00-0025	EA	Spherical 175 150-Watt High Pressure Sodium Walkway Fixture	494.90	120.77
26 55 16 00-0026	EA	Spherical 250 Watt High Pressure Sodium Walkway Fixture	519.03	120.77
26 55 16 00-0027	EA	Spherical 400 Watt High Pressure Sodium Walkway Fixture	585.84	135.95
26 55 16 00-0028	EA	Low Walkway 100 Watt High Pressure Sodium Walkway Fixture	451.20	108.48
26 55 16 00-0029		**Walkway, Adjustable** *(26 55 16)*		
26 55 16 00-0030	EA	2' Fluorescent Adjustable Walkway Fixture	568.60	154.73
26 55 16 00-0031	EA	4' Fluorescent Adjustable Walkway Fixture	583.84	154.73
26 55 16 00-0032	EA	8' Fluorescent Adjustable Walkway Fixture	1,002.17	231.81
26 55 16 00-0033	EA	50 Watt Incandescent Adjustable Walkway Fixture	475.69	115.91
26 55 16 00-0034	EA	150 Watt Incandescent Adjustable Walkway Fixture	496.01	115.91
26 55 16 00-0035		**LED Walkway** *(26 55 16)*		
26 55 16 00-0036		**LED Pathway Fixtures (CREE® BetaLED® Edge® PWY-EDG)** *(26 55 16 00-0035)*		
		Note: UL wet listed. Includes 5,700K color temperature, 120/277 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		
26 55 16 00-0037	EA	13" Height, 1,248 Lumens, 22 Watt, LED Pathway Fixture (CREE® BetaLED® Edge® PWY-EDG)	991.28	88.95
		For Multi-Level Drive Currents, Add	*267.03*	
26 55 16 00-0038	EA	18" Height, 1,248 Lumens, 22 Watt, LED Pathway Fixture (CREE® BetaLED® Edge® PWY-EDG)	1,023.70	88.95
		For Multi-Level Drive Currents, Add	*267.03*	
26 55 16 00-0039	EA	36" Height, 1,248 Lumens, 22 Watt, LED Pathway Fixture (CREE® BetaLED® Edge® PWY-EDG)	1,080.92	88.95
		For Multi-Level Drive Currents, Add	*267.03*	
26 55 16 00-0040	EA	42" Height, 1,248 Lumens, 22 Watt, LED Pathway Fixture (CREE® BetaLED® Edge® PWY-EDG)	1,124.79	88.95
		For Multi-Level Drive Currents, Add	*267.03*	
26 55 16 00-0041	EA	96" Height, 1,248 Lumens, 22 Watt, LED Pathway Fixture (CREE® BetaLED® Edge® PWY-EDG)	1,291.13	114.36
		For Multi-Level Drive Currents, Add	*267.03*	
26 55 16 00-0042		**Wall Mounted Walkway Lighting** *(26 55 16 00-0035)*		
26 55 16 00-0043	EA	Wall Mounted Lantern With LED Kit, No. PDEX-Bracket (Herwig P-492)	4,454.96	
		Note: Type Fixture 17 as Post		

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 55 16 00-0044		Pole Mounted Walkway Lighting *(26 55 16 00-0035)*		
26 55 16 00-0045	EA	43-1/2" Height x 19" Diameter, LED Post Lantern (Herwig AP-27)	4,105.23	
26 55 16 00-0046	EA	12' Tapered and Fluted Post (Herwig BRA Series, BRAJ-12) Note: Washers and nuts included	4,030.02	
26 55 29		**Underwater Lighting** *(26 55)*		
26 55 29 00-0001		Underwater Lights *(26 55 29)*		
26 55 29 00-0002	EA	150 Watt, 120 Volt Underwater Lights	538.87	77.08
26 55 29 00-0003	EA	300 Watt, 120 Volt Underwater Lights	598.82	77.08
26 55 29 00-0004	EA	1,000 Watt, 120 Volt Underwater Lights	1,455.88	115.91
26 55 29 00-0005	EA	50 Watt, 12 Volt Underwater Lights	563.85	77.08
26 55 29 00-0006	EA	300 Watt, 12 Volt Underwater Lights	633.80	77.08
26 55 29 00-0007	SET	Under Water Fountain Fixture, Set Of 6, 300 Watt, Incandescent	1,621.43	173.85
26 55 53		**Security Lighting** *(26 55)*		
26 55 53 11		**Security Flood Lighting** *(26 55 53)*		
26 55 53 11-0001		Flood Lights (General Electric Powerflood®) *(26 55 53 11)*		
26 55 53 11-0002		MPF (Small Size) Series GE Flood Lights *(26 55 53 11-0001)* Note: For perimeters, entrances, building facades and sign lighting. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Anodized aluminum reflector. 1/2" threaded mounting knuckle.		
26 55 53 11-0003		High Pressure Sodium MPF Series GE Flood Lights *(26 55 53 11-0002)*		
26 55 53 11-0004	EA	70 Watt High Pressure Sodium MPF Series GE Flood Light	367.72	97.20
26 55 53 11-0005	EA	100 Watt High Pressure Sodium MPF Series GE Flood Light	371.18	97.20
26 55 53 11-0006	EA	150 Watt High Pressure Sodium MPF Series GE Flood Light	376.96	97.20
26 55 53 11-0007		Metal Halide MPF Series GE Flood Lights *(26 55 53 11-0002)*		
26 55 53 11-0008	EA	70 Watt Metal Halide MPF Series GE Flood Light	505.22	97.20
26 55 53 11-0009		P-154 (Small Size) Series GE Flood Lights *(26 55 53 11-0001)* Note: For parking lots, building security, building facades, recreation areas and sign lighting. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Anodized aluminum reflector. Yoke or slip fitter mounting.		
26 55 53 11-0010		High Pressure Sodium P-154 Series GE Flood Lights *(26 55 53 11-0009)*		
26 55 53 11-0011	EA	70 Watt High Pressure Sodium P-154 Series GE Flood Light	757.19	129.59
26 55 53 11-0012	EA	100 Watt High Pressure Sodium P-154 Series GE Flood Light	761.81	129.59
26 55 53 11-0013	EA	150 Watt High Pressure Sodium P-154 Series GE Flood Light	769.90	129.59
26 55 53 11-0014	EA	250 Watt High Pressure Sodium P-154 Series GE Flood Light	861.18	129.59
26 55 53 11-0015	EA	400 Watt High Pressure Sodium P-154 Series GE Flood Light	887.75	129.59
26 55 53 11-0016		Metal Halide P-154 Series GE Flood Lights *(26 55 53 11-0009)*		
26 55 53 11-0017	EA	175 Watt Metal Halide P-154 Series GE Flood Light	749.10	129.59
26 55 53 11-0018	EA	250 Watt Metal Halide P-154 Series GE Flood Light	789.54	129.59
26 55 53 11-0019	EA	400 Watt Metal Halide P-154 Series GE Flood Light	810.34	129.59
26 55 53 11-0020		PF-154 (Medium Size) Series GE Flood Lights *(26 55 53 11-0001)* Note: For parking lots, building security and building facades. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Anodized aluminum reflector. Yoke or slip fitter mounting.		
26 55 53 11-0021		High Pressure Sodium PF-154 Series GE Flood Lights *(26 55 53 11-0020)*		
26 55 53 11-0022	EA	70 Watt High Pressure Sodium PF-154 Series GE Flood Light	769.96	145.80
26 55 53 11-0023	EA	100 Watt High Pressure Sodium PF-154 Series GE Flood Light	775.73	145.80
26 55 53 11-0024	EA	150 Watt High Pressure Sodium PF-154 Series GE Flood Light	784.98	145.80
26 55 53 11-0025	EA	250 Watt High Pressure Sodium PF-154 Series GE Flood Light	875.10	145.80
26 55 53 11-0026	EA	400 Watt High Pressure Sodium PF-154 Series GE Flood Light	900.52	145.80
26 55 53 11-0027		Metal Halide PF-154 GE Flood Lights *(26 55 53 11-0020)*		
26 55 53 11-0028	EA	175 Watt Metal Halide PF-154 Series GE Flood Light	763.02	145.80
26 55 53 11-0029	EA	250 Watt Metal Halide PF-154 Series GE Flood Light	802.31	145.80
26 55 53 11-0030	EA	400 Watt Metal Halide PF-154 Series GE Flood Light	823.11	145.80
26 55 53 11-0031		PF-400 (Medium Size) Series GE Flood Lights *(26 55 53 11-0001)* Note: For parking lots, building security, building facades, shipping yards and rail yards. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Formed aluminum reflector. Yoke or slip fitter mounting.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 55 53 11-0032		**High Pressure Sodium PF-400 Series GE Flood Lights** *(26 55 53 11-0031)*		
26 55 53 11-0033	EA	150 Watt High Pressure Sodium PF-400 Series GE Flood Light	1,042.64	145.80
26 55 53 11-0034	EA	200 Watt High Pressure Sodium PF-400 Series GE Flood Light	1,123.52	145.80
26 55 53 11-0035	EA	250 Watt High Pressure Sodium PF-400 Series GE Flood Light	1,117.75	145.80
26 55 53 11-0036	EA	400 Watt High Pressure Sodium PF-400 Series GE Flood Light	1,146.63	145.80
26 55 53 11-0037		**Metal Halide PF-400 GE Flood Lights** *(26 55 53 11-0031)*		
26 55 53 11-0038	EA	175 Watt Metal Halide PF-400 Series GE Flood Light	1,072.68	145.80
26 55 53 11-0039	EA	250 Watt Metal Halide PF-400 Series GE Flood Light	1,096.95	145.80
26 55 53 11-0040	EA	400 Watt Metal Halide PF-400 Series GE Flood Light	1,122.37	145.80
26 55 53 11-0041		**PF-1000 (Large Size) Series GE Flood Lights** *(26 55 53 11-0001)* Note: For parking lots, industrial yards and sports stadiums. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Formed aluminum reflector. Yoke or slip fitter mounting.		
26 55 53 11-0042		**High Pressure Sodium PF-154 Series GE Flood Lights** *(26 55 53 11-0041)*		
26 55 53 11-0043	EA	750 Watt High Pressure Sodium PF-1000 Series GE Flood Light	1,420.51	161.99
26 55 53 11-0044	EA	1,000 Watt High Pressure Sodium PF-1000 Series GE Flood Light	1,420.51	161.99
26 55 53 11-0045		**Metal Halide PF-1000 Series GE Flood Lights** *(26 55 53 11-0041)*		
26 55 53 11-0046	EA	1,000 Watt Metal Halide PF-1000 Series GE Flood Light	1,353.50	161.99
26 55 53 11-0047		**HLU/VLU (Medium Size) FRP Series GE Flood Lights** *(26 55 53 11-0001)* Note: For parking lots, industrial yards, construction sites, recreation areas and facades. Includes corrosion resistant reinforced polyester housing and thermal shock resistant lens. Hydroformed aluminum reflector. Yoke or slip fitter mounting.		
26 55 53 11-0048		**High Pressure Sodium HLU/VLU FRP Series GE Flood Lights** *(26 55 53 11-0047)*		
26 55 53 11-0049	EA	250 Watt High Pressure Sodium HLU/VLU FRP Series GE Flood Light	1,153.57	145.80
26 55 53 11-0050	EA	400 Watt High Pressure Sodium HLU/VLU FRP Series GE Flood Light	1,175.52	145.80
26 55 53 11-0051		**Metal Halide HLU/VLU Series GE Flood Lights** *(26 55 53 11-0047)*		
26 55 53 11-0052	EA	400 Watt Metal Halide HLU/VLU FRP Series GE Flood Light	1,166.28	145.80
26 55 53 11-0053		**Accessories For Powerflood GE Flood Lights** *(26 55 53 11-0001)*		
26 55 53 11-0054	EA	Wireguard For Powerflood GE Flood Light	197.68	32.40
26 55 53 11-0055	EA	Polycarbonate Vandal Shield For Powerflood GE Flood Light	112.17	32.40
26 55 53 11-0056	EA	Top Visor For Powerflood Flood Light	165.32	32.40
26 55 53 11-0057	EA	Top And Two Side Visors For Powerflood GE Flood Light	124.88	32.40
26 55 53 11-0058	EA	Pipe Wall Mounting Bracket For Powerflood GE Flood Light	312.26	97.20
26 55 53 11-0059	EA	Multiple Mounting Channel For Powerflood GE Flood Light	137.59	32.40
26 55 53 11-0060	EA	Wall Or Flat Surface Bracket For Powerflood GE Flood Light	225.60	97.20
26 55 53 11-0061	EA	Steel Angle Bracket For Powerflood GE Flood Light	236.00	97.20
26 55 53 11-0062	EA	Cross Arm Adaptor For Powerflood GE Flood Light	101.77	32.40
26 55 53 11-0063	EA	120/240 Volt, 277 Volt, NEMA Twistlock Photocontrol For Powerflood GE Flood Light	98.31	32.40
26 55 53 11-0064		**Flood Lights (Lithonia Contour Series)** *(26 55 53 11)*		
26 55 53 11-0065		**TFM (Small Size) Series Lithonia Flood Lights** *(26 55 53 11-0064)* Note: For signs, flags, facades and landscaping. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Faceted parabolic optics. 1/2" threaded mounting knuckle.		
26 55 53 11-0066		**High Pressure Sodium TFM Series Lithonia Flood Lights** *(26 55 53 11-0065)*		
26 55 53 11-0067	EA	70 Watt High Pressure Sodium TFM Series Lithonia Flood Light	695.67	129.59
26 55 53 11-0068	EA	100 Watt High Pressure Sodium TFM Series Lithonia Flood Light	762.39	129.59
26 55 53 11-0069	EA	150 Watt High Pressure Sodium TFM Series Lithonia Flood Light	827.72	129.59
26 55 53 11-0070		**Metal Halide TFM Series Lithonia Flood Lights** *(26 55 53 11-0065)*		
26 55 53 11-0071	EA	50 Watt Metal Halide TFM Series Lithonia Flood Light	909.25	129.59
26 55 53 11-0072	EA	70 Watt Metal Halide TFM Series Lithonia Flood Light	893.19	129.59
26 55 53 11-0073	EA	100 Watt Metal Halide TFM Series Lithonia Flood Light	867.30	129.59
26 55 53 11-0074	EA	175 Watt Metal Halide TFM Series Lithonia Flood Light	865.39	129.59
26 55 53 11-0075		**Compact Fluorescent TFM Series Lithonia Flood Lights** *(26 55 53 11-0065)*		
26 55 53 11-0076	EA	42 Watt Compact Fluorescent TFM Series Lithonia Flood Light	902.59	129.59

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 55 53 11-0077		TFL (Medium Size) Series Lithonia Flood Lights *(26 55 53 11-0064)*		
		Note: For recreation areas, parking lots, building facades and car lots. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Anodized aluminum reflector. Yoke or slip fitter mounting.		
26 55 53 11-0078		High Pressure Sodium TFL Series Lithonia Flood Lights *(26 55 53 11-0077)*		
26 55 53 11-0079	EA	250 Watt High Pressure Sodium TFL Series Lithonia Flood Light	1,075.73	145.80
26 55 53 11-0080	EA	400 Watt High Pressure Sodium TFL Series Lithonia Flood Light	1,097.99	145.80
26 55 53 11-0081		Metal Halide TFL Series Lithonia Flood Lights *(26 55 53 11-0077)*		
26 55 53 11-0082	EA	175 Watt Metal Halide TFL Series Lithonia Flood Light	1,025.73	145.80
26 55 53 11-0083	EA	250 Watt Metal Halide TFL Series Lithonia Flood Light	1,025.73	145.80
26 55 53 11-0084	EA	400 Watt Metal Halide TFL Series Lithonia Flood Light	1,060.62	145.80
26 55 53 11-0085		TFR (Low Profile) Series Lithonia Flood Lights *(26 55 53 11-0064)*		
		Note: For recreation areas, parking lots, building facades and car lots. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Anodized aluminum reflector. Yoke or slip fitter mounting.		
26 55 53 11-0086		High Pressure Sodium TFR Lithonia Flood Lights *(26 55 53 11-0085)*		
26 55 53 11-0087	EA	150 Watt High Pressure Sodium Horizontal TFR Series Lithonia Flood Light	1,032.23	129.59
26 55 53 11-0088	EA	250 Watt High Pressure Sodium Horizontal TFR Series Lithonia Flood Light	1,065.53	129.59
26 55 53 11-0089	EA	400 Watt High Pressure Sodium Horizontal TFR Series Lithonia Flood Light	1,093.36	129.59
26 55 53 11-0090		Metal Halide TFR Lithonia Flood Lights *(26 55 53 11-0085)*		
26 55 53 11-0091	EA	250 Watt Metal Halide TFR Series Lithonia Flood Light	1,021.09	129.59
26 55 53 11-0092	EA	400 Watt Metal Halide TFR Series Lithonia Flood Light	1,054.44	129.59
26 55 53 11-0093		TFA (Large Size) Series Lithonia Flood Lights *(26 55 53 11-0064)*		
		Note: For industrial yards, parking lots, construction sites, streets and recreational areas. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Anodized aluminum reflector. Yoke or slip fitter mounting.		
26 55 53 11-0094		High Pressure Sodium TFA Series Lithonia Flood Lights *(26 55 53 11-0093)*		
26 55 53 11-0095	EA	1,000 Watt High Pressure Sodium TFA Series Lithonia Flood Light	2,019.91	161.99
26 55 53 11-0096		Metal Halide TFA Series Lithonia Flood Lights *(26 55 53 11-0093)*		
26 55 53 11-0097	EA	400 Watt Metal Halide TFA Series Lithonia Flood Light	1,547.26	161.99
26 55 53 11-0098	EA	1,000 Watt Metal Halide TFA Series Lithonia Flood Light	1,714.07	161.99
26 55 53 11-0099		Accessories For Contour Series Lithonia Flood Lights *(26 55 53 11-0064)*		
26 55 53 11-0100	EA	Wireguard For Contour Series Lithonia Flood Light	169.65	32.40
26 55 53 11-0101	EA	Vandal Guard For Contour Series Lithonia Flood Light	333.37	32.40
26 55 53 11-0102	EA	Upper Visor For Contour Series Lithonia Flood Light	138.75	32.40
26 55 53 11-0103	EA	Full Visor For Contour Series Lithonia Flood Light	188.78	32.40
26 55 53 11-0104	EA	Pipe Wall Mounting Bracket For Contour Series Lithonia Flood Light	416.78	97.20
26 55 53 11-0105	EA	Radius Wall Bracket For Contour Series Lithonia Flood Light	328.25	97.20
26 55 53 11-0106	EA	Steel Angle Bracket For Contour Series Lithonia Flood Light	328.25	97.20
26 55 53 11-0107	EA	U Bolt Wall Bracket For Contour Series Lithonia Flood Light, Mounts To 2" Pipe	363.56	97.20
26 55 53 11-0108	EA	Crossarm Adapter For Horizontal Mounted Contour Lithonia Series Flood Light	162.04	32.40
26 55 53 11-0109	EA	120/240 Volt, 277 Volt, NEMA Twistlock Photocontrol For Contour Lithonia Series Flood Light	128.12	32.40
26 55 53 11-0110		Flood Lights (Eaton) *(26 55 53 11)*		
26 55 53 11-0111	EA	6" x 6", 16,932 Lumens, 128 Watt, LED Flood Light (Eaton NFFLD-C40-D-UNV-66-T-CB)	1,106.86	129.59
		For NEMA Photocontrol Option (Eaton OA/RA1016), Add	*59.82*	
		For >50 To 100, Deduct	*-34.15*	
		For >100 To 250, Deduct	*-61.82*	
		For >250 To 500, Deduct	*-110.69*	
		For >500, Deduct	*-159.55*	
26 55 53 11-0112	EA	16,900 Lumens, 128 Watt, NEMA 6H x 6V Wide, Trunnion Mount, 4000K CCT, Night Falcon LED Flood Light With Multi-Tap (Cooper Industries NFFLD-C40-D-UNV-66-T-CB-PER7+OA/RA1016)	1,379.36	142.72
		For >50 To 100, Deduct	*-41.62*	
		For >100 To 250, Deduct	*-76.10*	
		For >250 To 500, Deduct	*-137.94*	
		For >500, Deduct	*-199.77*	
26 55 53 11-0113		Flood Lights (Ruud) *(26 55 53 11)*		
26 55 53 11-0114		NS (Micro) Series Ruud Flood Lights *(26 55 53 11-0113)*		
		Note: Provides conventional floodlighting. 1/2" threaded mounting knuckle.		
26 55 53 11-0115		High Pressure Sodium NS Series Ruud Flood Lights *(26 55 53 11-0114)*		
26 55 53 11-0116	EA	35 Watt High Pressure Sodium NS Series Ruud Flood Light	455.53	97.20
26 55 53 11-0117	EA	50 Watt High Pressure Sodium NS Series Ruud Flood Light	455.53	97.20

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 55 53 11-0118	EA	70 Watt High Pressure Sodium NS Series Ruud Flood Light	455.53	97.20
26 55 53 11-0119	EA	100 Watt High Pressure Sodium NS Series Ruud Flood Light	455.53	97.20
26 55 53 11-0120	EA	150 Watt High Pressure Sodium NS Series Ruud Flood Light	455.53	97.20
26 55 53 11-0121		**Metal Halide NS Series Ruud Flood Lights** *(26 55 53 11-0114)*		
26 55 53 11-0122	EA	50 Watt Metal Halide NS Series Ruud Flood Light	520.24	97.20
26 55 53 11-0123	EA	70 Watt Metal Halide NS Series Ruud Flood Light	520.24	97.20
26 55 53 11-0124	EA	100 Watt Metal Halide NS Series Ruud Flood Light	520.24	97.20
26 55 53 11-0125		**Compact Fluorescent NS Series Ruud Flood Lights** *(26 55 53 11-0114)*		
26 55 53 11-0126	EA	13 Watt Compact Fluorescent NS Series Ruud Flood Light	388.52	97.20
26 55 53 11-0127	EA	26 Watt Compact Fluorescent NS Series Ruud Flood Light	404.69	97.20
26 55 53 11-0128	EA	32 Watt Compact Fluorescent NS Series Ruud Flood Light	409.31	97.20
26 55 53 11-0129	EA	42 Watt Compact Fluorescent NS Series Ruud Flood Light	413.94	97.20
26 55 53 11-0130		**NSF/NSW/NSC (Standard, Wide And Cutoff Micro) Series Ruud Flood Lights** *(26 55 53 11-0113)* Note: The NSF is suited for large open areas and façade applications. The NSW is suited for roadway applications, parking areas or security. The NSC is designed for parking lot and outdoor sports areas. Yoke or slip fitter mounting.		
26 55 53 11-0131		**High Pressure Sodium NSF/NSW/NSC Series Ruud Flood Lights** *(26 55 53 11-0130)*		
26 55 53 11-0132	EA	150 Watt High Pressure Sodium NSF/NSW/NSC Series Ruud Flood Light	702.94	145.80
26 55 53 11-0133	EA	250 Watt High Pressure Sodium NSF/NSW/NSC Series Ruud Flood Light	744.54	145.80
26 55 53 11-0134	EA	400 Watt High Pressure Sodium NSF/NSW/NSC Series Ruud Flood Light	767.65	145.80
26 55 53 11-0135		**Metal Halide NSF/NSW/NSC Series Ruud Flood Lights** *(26 55 53 11-0130)*		
26 55 53 11-0136	EA	175 Watt Metal Halide NSF/NSW/NSC Series Ruud Flood Light	693.70	145.80
26 55 53 11-0137	EA	250 Watt Metal Halide NSF/NSW/NSC Series Ruud Flood Light	698.32	145.80
26 55 53 11-0138	EA	400 Watt Metal Halide NSF/NSW/NSC Series Ruud Flood Light	712.18	145.80
26 55 53 11-0139		**Compact Fluorescent NSF/NSW/NSC Series Ruud Flood Lights** *(26 55 53 11-0130)*		
26 55 53 11-0140	EA	70 Watt Compact Fluorescent NSF/NSW/NSC Series Ruud Flood Light	677.52	145.80
26 55 53 11-0141		**FS (Square) Series Ruud Flood Lights** *(26 55 53 11-0113)* Note: For signs, large open areas and façade applications. Yoke or slip fitter mounting.		
26 55 53 11-0142		**High Pressure Sodium FS Series Ruud Flood Lights** *(26 55 53 11-0141)*		
26 55 53 11-0143	EA	250 Watt High Pressure Sodium FS Series Ruud Flood Light	825.42	145.80
26 55 53 11-0144	EA	400 Watt High Pressure Sodium FS Series Ruud Flood Light	830.04	145.80
26 55 53 11-0145	EA	1,000 Watt High Pressure Sodium FS Series Ruud Flood Light	1,421.67	161.99
26 55 53 11-0146		**Metal Halide FS Series Ruud Flood Lights** *(26 55 53 11-0141)*		
26 55 53 11-0147	EA	175 Watt Metal Halide FS Series Ruud Flood Light	825.42	145.80
26 55 53 11-0148	EA	250 Watt Metal Halide FS Series Ruud Flood Light	830.04	145.80
26 55 53 11-0149	EA	400 Watt Metal Halide FS Series Ruud Flood Light	843.91	145.80
26 55 53 11-0150	EA	1,000 Watt Metal Halide FS Series Ruud Flood Light	1,269.15	161.99
26 55 53 11-0151		**MFS (Mini Square) Series Ruud Flood Lights** *(26 55 53 11-0113)* Note: For signs, large open areas and façade applications. Yoke or slip fitter mounting.		
26 55 53 11-0152		**High Pressure Sodium MFS Series Ruud Flood Lights** *(26 55 53 11-0151)*		
26 55 53 11-0153	EA	35 Watt High Pressure Sodium MFS Series Ruud Flood Light	645.11	129.59
26 55 53 11-0154	EA	50 Watt High Pressure Sodium MFS Series Ruud Flood Light	693.64	129.59
26 55 53 11-0155	EA	70 Watt High Pressure Sodium MFS Series Ruud Flood Light	693.64	129.59
26 55 53 11-0156	EA	100 Watt High Pressure Sodium MFS Series Ruud Flood Light	693.64	129.59
26 55 53 11-0157	EA	150 Watt High Pressure Sodium MFS Series Ruud Flood Light	693.64	129.59
26 55 53 11-0158		**Metal Halide MFS Series Ruud Flood Lights** *(26 55 53 11-0151)*		
26 55 53 11-0159	EA	50 Watt Metal Halide MFS Series Ruud Flood Light	709.82	129.59
26 55 53 11-0160	EA	70 Watt Metal Halide MFS Series Ruud Flood Light	709.82	129.59
26 55 53 11-0161	EA	100 Watt Metal Halide MFS Series Ruud Flood Light	709.82	129.59
26 55 53 11-0162	EA	175 Watt Metal Halide MFS Series Ruud Flood Light	684.40	129.59
26 55 53 11-0163		**MCF/MPM/MPN (Mini Cutoff. Parabolic Medium And Narrow Mini Square) Series Ruud Flood Lights** *(26 55 53 11-0113)* Note: The MCF is suited for parking lots, volleyball courts and tennis courts. The MPM and MPN are suited for flagpoles, columns and narrow signs. Yoke or slip fitter mounting.		
26 55 53 11-0164		**High Pressure Sodium MCF/MPM/MPN Series Ruud Flood Lights** *(26 55 53 11-0163)*		
26 55 53 11-0165	EA	35 Watt High Pressure Sodium MCF/MPM/MPN Series Ruud Flood Light	702.88	129.59

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 55 53 11-0166	EA	50 Watt High Pressure Sodium MCF/MPM/MPN Series Ruud Flood Light	751.41	129.59
26 55 53 11-0167	EA	70 Watt High Pressure Sodium MCF/MPM/MPN Series Ruud Flood Light	751.41	129.59
26 55 53 11-0168	EA	100 Watt High Pressure Sodium MCF/MPM/MPN Series Ruud Flood Light	751.41	129.59
26 55 53 11-0169	EA	150 Watt High Pressure Sodium MCF/MPM/MPN Series Ruud Flood Light	751.41	129.59
26 55 53 11-0170		Metal Halide MCF/MPM/MPN Series Ruud Flood Lights *(26 55 53 11-0163)*		
26 55 53 11-0171	EA	50 Watt Metal Halide MCF/MPM/MPN Series Ruud Flood Light	767.59	129.59
26 55 53 11-0172	EA	70 Watt Metal Halide MCF/MPM/MPN Series Ruud Flood Light	767.59	129.59
26 55 53 11-0173	EA	100 Watt Metal Halide MCF/MPM/MPN Series Ruud Flood Light	767.59	129.59
26 55 53 11-0174	EA	175 Watt Metal Halide MCF/MPM/MPN Series Ruud Flood Light	742.17	129.59
26 55 53 11-0175		CF (Cutoff Square) Series Ruud Flood Lights *(26 55 53 11-0113)*		
		Note: The CF is suited for parking lots, volleyball courts and tennis courts. Yoke or slip fitter mounting.		
26 55 53 11-0176		High Pressure Sodium CF Series Ruud Flood Lights *(26 55 53 11-0175)*		
26 55 53 11-0177	EA	250 Watt High Pressure Sodium CF Series Ruud Flood Light	934.03	145.80
26 55 53 11-0178	EA	400 Watt High Pressure Sodium CF Series Ruud Flood Light	957.14	145.80
26 55 53 11-0179	EA	1,000 Watt High Pressure Sodium CF Series Ruud Flood Light	1,479.44	161.99
26 55 53 11-0180		Metal Halide CF Series Ruud Flood Lights *(26 55 53 11-0175)*		
26 55 53 11-0181	EA	175 Watt Metal Halide CF Series Ruud Flood Light	883.19	145.80
26 55 53 11-0182	EA	250 Watt Metal Halide CF Series Ruud Flood Light	887.81	145.80
26 55 53 11-0183	EA	400 Watt Metal Halide CF Series Ruud Flood Light	901.68	145.80
26 55 53 11-0184	EA	1,000 Watt Metal Halide CF Series Ruud Flood Light	1,326.92	161.99
26 55 53 11-0185		CN (Narrow Beam Cutoff Square) Series Ruud Flood Lights *(26 55 53 11-0113)*		
		Note: The CN is suited for large sports fields, building facades and signs. Yoke or slip fitter mounting.		
26 55 53 11-0186		High Pressure Sodium CN Series Ruud Flood Lights *(26 55 53 11-0185)*		
26 55 53 11-0187	EA	400 High Pressure Sodium CN Series Ruud Flood Light	1,211.38	161.99
26 55 53 11-0188	EA	1,000 High Pressure Sodium CN Series Ruud Flood Light	1,451.71	161.99
26 55 53 11-0189		Metal Halide CN Series Ruud Flood Lights *(26 55 53 11-0185)*		
26 55 53 11-0190	EA	400 Watt Metal Halide CN Series Ruud Flood Light	1,155.91	161.99
26 55 53 11-0191	EA	1,000 Watt Metal Halide CN Series Ruud Flood Light	1,299.19	161.99
26 55 53 11-0192		PM/PN (Parabolic Medium And Narrow Square) Series Ruud Flood Lights *(26 55 53 11-0113)*		
		Note: The PM and PN are suited for flagpoles, columns and narrow signs. Yoke or slip fitter mounting.		
26 55 53 11-0193		High Pressure Sodium PM/PN Series Ruud Flood Lights *(26 55 53 11-0192)*		
26 55 53 11-0194	EA	250 Watt High Pressure Sodium PM/PN Series Ruud Flood Light	966.38	145.80
26 55 53 11-0195	EA	400 Watt High Pressure Sodium PM/PN Series Ruud Flood Light	989.49	145.80
26 55 53 11-0196		Metal Halide PM/PN Series Ruud Flood Lights *(26 55 53 11-0192)*		
26 55 53 11-0197	EA	175 Watt Metal Halide PM/PN Series Ruud Flood Light	915.54	145.80
26 55 53 11-0198	EA	250 Watt Metal Halide PM/PN Series Ruud Flood Light	920.16	145.80
26 55 53 11-0199	EA	400 Watt Metal Halide PM/PN Series Ruud Flood Light	934.03	145.80
26 55 53 11-0200	EA	1,000 Watt Metal Halide PM/PN Series Ruud Flood Light	1,359.27	161.99
26 55 53 11-0201		Accessories For Ruud Flood Lighting *(26 55 53 11-0113)*		
26 55 53 11-0202	EA	Wireguard For Rudd Flood Light	99.46	32.40
26 55 53 11-0203	EA	Deep Baffle (Full Visor) For Rudd Flood Light	161.86	32.40
26 55 53 11-0204	EA	Glare Guard (Upper Visor) For Rudd Flood Light	115.64	32.40
26 55 53 11-0205	EA	Vandal Shield For Rudd Flood Light	138.75	32.40
26 55 53 11-0206	EA	Pipe Mounting Bracket For Ruud Flood Light	272.97	97.20
26 55 53 11-0207	EA	120/240 Volt, 277 Volt, NEMA Twistlock Photocontrol For Ruud Flood Light	85.60	32.40
26 55 53 11-0208		Flood Lights (Lumark) *(26 55 53 11)*		
26 55 53 11-0209		QZ Wedge Series Quartz Lumark Flood Lights *(26 55 53 11-0208)*		
		Note: For small outdoor areas. Die-cast aluminum housing heat and weather resistant gaskets.		
26 55 53 11-0210	EA	500 Watt QZ Wedge Series Quartz Lumark Flood Light	241.66	97.20
26 55 53 11-0211		LQL Series Quartz Lumark Flood Lights *(26 55 53 11-0208)*		
		Note: For medium size outdoor areas. Die-cast aluminum housing heat and weather resistant gaskets.		
26 55 53 11-0212	EA	1,500 Watt LQL Series Quartz Lumark Flood Light	309.83	97.20
26 55 53 11-0213		Flood Lights (Kim Lighting) *(26 55 53 11)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 55 53 11-0214		**MicroFlood® Series Kim Lighting Flood Lights** *(26 55 53 11-0213)* Note: For signs, flags, facades and landscaping. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and gasketed and tempered lens. 1/2" threaded mounting knuckle.		
26 55 53 11-0215		**LED MicroFlood® Series Kim Lighting Flood Lights** *(26 55 53 11-0214)*		
26 55 53 11-0216	EA	5 Watt, LED MicroFlood® Series Kim Lighting Flood Light	536.27	40.63
		For >50 To 100, Deduct	*-15.44*	
		For >100 To 250, Deduct	*-28.85*	
		For >250 To 500, Deduct	*-53.63*	
		For >500, Deduct	*-78.41*	
26 55 53 11-0217	EA	15 Watt, LED MicroFlood® Series Kim Lighting Flood Light	664.52	40.63
		For >50 To 100, Deduct	*-18.64*	
		For >100 To 250, Deduct	*-35.26*	
		For >250 To 500, Deduct	*-66.45*	
		For >500, Deduct	*-97.65*	
26 55 53 11-0218		**Scarab® Series Kim Lighting Flood Lights** *(26 55 53 11-0213)* Note: For signs, flags, facades and landscaping. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and gasketed and tempered lens. 1/2" threaded mounting knuckle.		
26 55 53 11-0219		**LED Scarab® Series Kim Lighting Accent Flood Lights** *(26 55 53 11-0218)* Note: Spot or narrow style accent flood lights.		
26 55 53 11-0220	EA	6 Watt, LED Scarab® Series Kim Lighting Accent Flood Light	822.10	40.63
		For >50 To 100, Deduct	*-22.58*	
		For >100 To 250, Deduct	*-43.14*	
		For >250 To 500, Deduct	*-82.21*	
		For >500, Deduct	*-121.28*	
26 55 53 11-0221		**Flood Lights (CREE® BetaLED®)** *(26 55 53 11)*		
26 55 53 11-0222		**Yoke Mount, Square, LED Flood Lights (CREE® BetaLED® FLD-304)** *(26 55 53 11-0221)* Note: UL wet listed. Includes 5,700K color temperature, 120-480 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		
26 55 53 11-0223	EA	40 LEDs, 47 Watt, Yoke Mount, Square, LED Flood Light (CREE® BetaLED® FLD-304)	1,278.74	116.76
		For >50 To 100, Deduct	*-37.81*	
		For >100 To 250, Deduct	*-69.78*	
		For >250 To 500, Deduct	*-127.87*	
		For >500, Deduct	*-185.97*	
26 55 53 11-0224	EA	60 LEDs, 68 Watt, Yoke Mount, Square, LED Flood Light (CREE® BetaLED® FLD-304)	1,402.34	123.25
		For >50 To 100, Deduct	*-41.22*	
		For >100 To 250, Deduct	*-76.28*	
		For >250 To 500, Deduct	*-140.23*	
		For >500, Deduct	*-204.19*	
26 55 53 11-0225		**Adjustable Arm Mount, Rectangular, LED Flood Lights (CREE® BetaLED® Edge® FLD-EDG)** *(26 55 53 11-0221)* Note: UL wet listed. Includes 5,700K color temperature, 120/277 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		
26 55 53 11-0226	EA	20 LEDs, 26 Watt, Adjustable Arm Mount, Rectangular, LED Flood Light (CREE® BetaLED® Edge® FLD-EDG)	1,107.46	110.28
		For 480 Volt, Add	*107.78*	
		For >50 To 100, Deduct	*-33.20*	
		For >100 To 250, Deduct	*-60.89*	
		For >250 To 500, Deduct	*-110.75*	
		For >500, Deduct	*-160.61*	
26 55 53 11-0227	EA	40 LEDs, 47 Watt, Adjustable Arm Mount, Rectangular, LED Flood Light (CREE® BetaLED® Edge® FLD-EDG)	1,400.81	116.76
		For 480 Volt, Add	*107.78*	
		For >50 To 100, Deduct	*-40.86*	
		For >100 To 250, Deduct	*-75.88*	
		For >250 To 500, Deduct	*-140.08*	
		For >500, Deduct	*-204.28*	
26 55 53 11-0228	EA	60 LEDs, 68 Watt, Adjustable Arm Mount, Rectangular, LED Flood Light (CREE® BetaLED® Edge® FLD-EDG)	1,694.16	123.25
		For 480 Volt, Add	*107.78*	
		For >50 To 100, Deduct	*-48.52*	
		For >100 To 250, Deduct	*-90.87*	
		For >250 To 500, Deduct	*-169.42*	
		For >500, Deduct	*-247.96*	
26 55 53 11-0229	EA	80 LEDs, 90 Watt, Adjustable Arm Mount, Rectangular, LED Flood Light (CREE® BetaLED® Edge® FLD-EDG)	2,100.05	129.74
		For 480 Volt, Add	*107.78*	
		For >50 To 100, Deduct	*-58.99*	
		For >100 To 250, Deduct	*-111.49*	
		For >250 To 500, Deduct	*-210.01*	
		For >500, Deduct	*-308.52*	
26 55 53 11-0230	EA	100 LEDs, 111 Watt, Adjustable Arm Mount, Rectangular, LED Flood Light (CREE® BetaLED® Edge® FLD-EDG)	2,393.41	136.23
		For 480 Volt, Add	*107.78*	
		For >50 To 100, Deduct	*-66.65*	
		For >100 To 250, Deduct	*-126.48*	
		For >250 To 500, Deduct	*-239.34*	
		For >500, Deduct	*-352.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 55 53 11-0231	EA	120 LEDs, 132 Watt, Adjustable Arm Mount, Rectangular, LED Flood Light (CREE® BetaLED® Edge® FLD-EDG)	2,686.74	142.72
		For 480 Volt, Add	*107.78*	
		For >50 To 100, Deduct	*-74.30*	
		For >100 To 250, Deduct	*-141.47*	
		For >250 To 500, Deduct	*-268.67*	
		For >500, Deduct	*-395.88*	
26 55 53 11-0232	EA	140 LEDs, 157 Watt, Adjustable Arm Mount, Rectangular, LED Flood Light (CREE® BetaLED® Edge® FLD-EDG)	3,069.74	149.20
		For 480 Volt, Add	*107.78*	
		For >50 To 100, Deduct	*-84.20*	
		For >100 To 250, Deduct	*-160.95*	
		For >250 To 500, Deduct	*-306.97*	
		For >500, Deduct	*-453.00*	
26 55 53 11-0233	EA	160 LEDs, 179 Watt, Adjustable Arm Mount, Rectangular, LED Flood Light (CREE® BetaLED® Edge® FLD-EDG)	3,363.09	155.68
		For 480 Volt, Add	*107.78*	
		For >50 To 100, Deduct	*-91.86*	
		For >100 To 250, Deduct	*-175.94*	
		For >250 To 500, Deduct	*-336.31*	
		For >500, Deduct	*-496.68*	

26 55 53 11-0234 Adjustable Arm Mount, Rectangular, High Output, LED Flood Lights (CREE® BetaLED® Edge® FLD-EHO) *(26 55 53 11-0221)*

Note: UL wet listed. Includes 5,700K color temperature, 120/277 voltage, 700mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.

26 55 53 11-0235	EA	120 LEDs, 267 Watt, Adjustable Arm Mount, Rectangular, High Output, LED Flood Light (CREE® BetaLED® Edge® FLD-EHO)	2,574.21	142.72
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*22.49*	
		For Bird Spikes, Add	*49.71*	
		For 5,000K Color Temperature, Add	*56.24*	
		For Fuse, Add	*67.48*	
		For 0 To 10 Volt Dimming, Add	*67.48*	
		For 480 Volt, Add	*101.23*	
		For Multi-Level, Add	*146.21*	
		For 1,000mA Driver, Add	*188.96*	
		For >50 To 100, Deduct	*-71.49*	
		For >100 To 250, Deduct	*-135.85*	
		For >250 To 500, Deduct	*-257.42*	
		For >500, Deduct	*-379.00*	
26 55 53 11-0236	EA	240 LEDs, 533 Watt, Adjustable Arm Mount, Rectangular, High Output, LED Flood Light (CREE® BetaLED® Edge® FLD-EHO)	4,386.97	175.15
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*22.49*	
		For 5,000K Color Temperature, Add	*56.24*	
		For Fuse, Add	*67.48*	
		For 0 To 10 Volt Dimming, Add	*67.48*	
		For Bird Spikes, Add	*74.21*	
		For Multi-Level, Add	*146.21*	
		For 1,000mA Driver, Add	*188.96*	
		For 480 Volt, Add	*202.45*	
		For >50 To 100, Deduct	*-118.43*	
		For >100 To 250, Deduct	*-228.11*	
		For >250 To 500, Deduct	*-438.70*	
		For >500, Deduct	*-649.29*	

26 55 53 11-0237 Direct Or Adjustable Arm Mount, Rectangular, High Output, LED Flood Lights (CREE® BetaLED® OSQ™) *(26 55 53 11-0221)*

Note: UL wet listed. Includes 3,000K or 4,000K or 5,700K color temperature, 120/277 voltage, Class 1 driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.

26 55 53 11-0238	EA	112 Watt, Direct Or Adjustable Arm Mount, Rectangular, High Output, LED Flood Light (CREE® BetaLED® OSQ™ OSQ-A-NM-XXX-A-XXX-US-UL)	1,490.05	142.72
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*22.49*	
		For Front Facing Optics, Back Light Shield, Add	*37.88*	
		For Rotated Optics, Back Light Shield, Add	*37.88*	
		For Field Adjustable Output, Add	*33.75*	
		For Fuse, Add	*67.48*	
		For 0 To 10 Volt Dimming, Add	*67.48*	
		For Multi-Level, Add	*146.21*	
		For >50 To 100, Deduct	*-44.39*	
		For >100 To 250, Deduct	*-81.64*	
		For >250 To 500, Deduct	*-149.01*	
		For >500, Deduct	*-216.37*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 55 53 11-0239	EA	168 Watt, Direct Or Adjustable Arm Mount, Rectangular, High Output, LED Flood Light (CREE® BetaLED® OSQ™ OSQ-A-NM-XXX-J-XXX-US-UL)	1,596.34	142.72
		Note: Type III, IV or V medium optics only.		
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*22.49*	
		For Front Facing Optics, Back Light Shield, Add	*37.88*	
		For Rotated Optics, Back Light Shield, Add	*37.88*	
		For Field Adjustable Output, Add	*33.75*	
		For Fuse, Add	*67.48*	
		For 0 To 10 Volt Dimming, Add	*67.48*	
		For Type II Medium Or Type V Short Optics, Add	*281.17*	
		For Multi-Level, Add	*146.21*	
		For >50 To 100, Deduct	*-47.04*	
		For >100 To 250, Deduct	*-86.95*	
		For >250 To 500, Deduct	*-159.63*	
		For >500, Deduct	*-232.32*	
26 55 53 11-0240	EA	223 Watt, Direct Or Adjustable Arm Mount, Rectangular, High Output, LED Flood Light (CREE® BetaLED® OSQ™ OSQ-A-NM-XXX-S-XXX-US-UL)	2,050.94	175.15
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*22.49*	
		For Field Adjustable Output, Add	*33.75*	
		For Front Facing Optics, Back Light Shield, Add	*45.85*	
		For Rotated Optics, Back Light Shield, Add	*45.85*	
		For Fuse, Add	*67.48*	
		For 0 To 10 Volt Dimming, Add	*67.48*	
		For Multi-Level, Add	*146.21*	
		For >50 To 100, Deduct	*-60.03*	
		For >100 To 250, Deduct	*-111.30*	
		For >250 To 500, Deduct	*-205.09*	
		For >500, Deduct	*-298.88*	

26 55 53 11-0241 Flood Lights (PlanLED) *(26 55 53 11)*

26 55 53 11-0242 Adjustable Arm Mount, LED Flood Lights (PlanLED WAPA) *(26 55 53 11-0241)*

26 55 53 11-0243	EA	6,250 Lumens, 50 Watt, Adjustable Arm Mount, Rectangular, LED Flood Light (PlanLED WAPA WP050)	647.58	116.76
		For >50 To 100, Deduct	*-22.03*	
		For >100 To 250, Deduct	*-38.22*	
		For >250 To 500, Deduct	*-64.76*	
		For >500, Deduct	*-91.30*	
26 55 53 11-0244	EA	9,375 Lumens, 75 Watt, Adjustable Arm Mount, Rectangular, LED Flood Light (PlanLED WAPA WP075)	777.33	123.25
		For >50 To 100, Deduct	*-25.60*	
		For >100 To 250, Deduct	*-45.03*	
		For >250 To 500, Deduct	*-77.73*	
		For >500, Deduct	*-110.44*	
26 55 53 11-0245	EA	12,500 Lumens, 100 Watt, Adjustable Arm Mount, Rectangular, LED Flood Light (PlanLED WAPA WP100)	898.72	132.98
		For >50 To 100, Deduct	*-29.12*	
		For >100 To 250, Deduct	*-51.59*	
		For >250 To 500, Deduct	*-89.87*	
		For >500, Deduct	*-128.16*	

26 55 53 11-0246 Adjustable Arm Mount, LED Sports Flood Lights (PlanLED SUFA) *(26 55 53 11-0241)*

26 55 53 11-0247	EA	21,000 Lumens, 200 Watt, LED Sports Flood Light (PlanLED SUFA SF200)	1,824.80	259.48
		For 0 To 10 Volt Dimming, Add	*91.72*	
		For >50 To 100, Deduct	*-58.59*	
		For >100 To 250, Deduct	*-104.21*	
		For >250 To 500, Deduct	*-182.48*	
		For >500, Deduct	*-260.75*	
26 55 53 11-0248	EA	42,000 Lumens, 400 Watt, LED Sports Flood Light (PlanLED SUFA SF400)	2,854.60	259.48
		For 0 To 10 Volt Dimming, Add	*91.72*	
		For >50 To 100, Deduct	*-84.34*	
		For >100 To 250, Deduct	*-155.70*	
		For >250 To 500, Deduct	*-285.46*	
		For >500, Deduct	*-415.22*	
26 55 53 11-0249	EA	84,000 Lumens, 800 Watt, LED Sports Flood Light (PlanLED SUFA SF800)	5,071.34	259.48
		For 0 To 10 Volt Dimming, Add	*91.72*	
		For >50 To 100, Deduct	*-139.76*	
		For >100 To 250, Deduct	*-266.54*	
		For >250 To 500, Deduct	*-507.13*	
		For >500, Deduct	*-747.73*	

26 55 53 11-0250 Adjustable Arm Mount, LED High Mast Flood Lights (PlanLED MAHA) *(26 55 53 11-0241)*

26 55 53 11-0251	EA	26,000 Lumens, 200 Watt, Adjustable Arm Mount, Rectangular, LED High Mast Flood Light (PlanLED MAHA MA200)	1,626.18	168.66
		For 0 To 10 Volt Dimming, Add	*91.72*	
		For 480 Volt, Add	*138.02*	
		For >50 To 100, Deduct	*-49.09*	
		For >100 To 250, Deduct	*-89.74*	
		For >250 To 500, Deduct	*-162.62*	
		For >500, Deduct	*-235.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 55 53 11-0252	EA	39,000 Lumens, 300 Watt, Adjustable Arm Mount, Rectangular, LED High Mast Flood Light (PlanLED MAHA MA300)	2,089.28	175.15
		For 0 To 10 Volt Dimming, Add	*91.72*	
		For 480 Volt, Add	*111.45*	
		For >50 To 100, Deduct	*-60.99*	
		For >100 To 250, Deduct	*-113.22*	
		For >250 To 500, Deduct	*-208.93*	
		For >500, Deduct	*-304.63*	
26 55 53 11-0253	EA	52,000 Lumens, 400 Watt, Adjustable Arm Mount, Rectangular, LED High Mast Flood Light (PlanLED MAHA MA400)	2,673.43	181.63
		For 0 To 10 Volt Dimming, Add	*91.72*	
		For 480 Volt, Add	*90.35*	
		For >50 To 100, Deduct	*-75.92*	
		For >100 To 250, Deduct	*-142.75*	
		For >250 To 500, Deduct	*-267.34*	
		For >500, Deduct	*-391.93*	

26 55 53 12 Security Hazardous Location Flood Lights *(26 55 53)*

Note: For general to heavy industrial applications in marine and corrosive environments. Class 1 Division 2.

26 55 53 12-0001 Lithonia Hazardous Location Flood Lights *(26 55 53 12)*

26 55 53 12-0002 HFR (Horizontally Oriented Mogul Base) Series Hazardous Location Flood Lights *(26 55 53 12-0001)*

Note: Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Precision-formed reflector. Yoke mounting.

26 55 53 12-0003 High Pressure Sodium HFR Series Hazardous Location Flood Lights *(26 55 53 12-0002)*

26 55 53 12-0004	EA	150 Watt High Pressure Sodium HFR Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	1,022.50	129.59
26 55 53 12-0005	EA	250 Watt High Pressure Sodium HFR Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	1,094.14	129.59
26 55 53 12-0006	EA	400 Watt High Pressure Sodium HFR Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	1,024.81	129.59

26 55 53 12-0007 Metal Halide HFR Series Lithonia Hazardous Location Flood Lights *(26 55 53 12-0002)*

26 55 53 12-0008	EA	250 Watt Metal Halide HFR Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	1,086.49	129.59
26 55 53 12-0009	EA	400 Watt Metal Halide HFR Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	1,052.55	129.59

26 55 53 12-0010 HFM (Medium Base) Series Hazardous Location Flood Lights *(26 55 53 12-0001)*

Note: Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Precision-formed reflector. Yoke mounting.

26 55 53 12-0011 High Pressure Sodium HFM Series Lithonia Hazardous Location Flood Lights *(26 55 53 12-0010)*

26 55 53 12-0012	EA	100 Watt High Pressure Sodium HFM Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	973.26	129.59
26 55 53 12-0013	EA	150 Watt High Pressure Sodium HFM Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	1,016.01	129.59

26 55 53 12-0014 Metal Halide HFM Series Lithonia Hazardous Location Flood Lights *(26 55 53 12-0010)*

26 55 53 12-0015	EA	175 Watt Metal Halide HFM Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	857.71	129.59

26 55 53 12-0016 HFA (Large) Series Hazardous Location Flood Lights *(26 55 53 12-0001)*

Note: Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Precision-formed reflector. Yoke mounting.

26 55 53 12-0017 High Pressure Sodium HFA Series Lithonia Hazardous Location Flood Lights *(26 55 53 12-0016)*

26 55 53 12-0018	EA	250 Watt High Pressure Sodium HFA Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	1,380.07	161.99
26 55 53 12-0019	EA	400 Watt High Pressure Sodium HFA Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	1,400.87	161.99

26 55 53 12-0020 Metal Halide HFA Series Lithonia Hazardous Location Flood Lights *(26 55 53 12-0016)*

26 55 53 12-0021	EA	250 Watt Metal Halide HFA Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	1,373.14	161.99
26 55 53 12-0022	EA	400 Watt Metal Halide HFA Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	1,400.87	161.99

26 55 53 12-0023 HFL (Medium) Series Hazardous Location Flood Lights *(26 55 53 12-0001)*

Note: Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Precision-formed reflector. Yoke mounting.

26 55 53 12-0024 High Pressure Sodium HFL Series Lithonia Hazardous Location Flood Lights *(26 55 53 12-0023)*

26 55 53 12-0025	EA	400 Watt High Pressure Sodium HFL Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	1,019.53	145.80

26 55 53 12-0026 Metal Halide HFL Series Lithonia Hazardous Location Flood Lights *(26 55 53 12-0023)*

26 55 53 12-0027	EA	400 Watt Metal Halide HFL Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	1,100.42	145.80

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 55 53 12-0028		Accessories For Lithonia Hazardous Location Flood Lights *(26 55 53 12-0001)* See CSI section 26 55 53 11-0099 for accessories.		
26 55 53 13		**Security High Performance Flood Lights** *(26 55 53)* Note: For airport aprons and parking areas.		
26 55 53 13-0001		Lithonia High Performance Flood Lights *(26 55 53 13)*		
26 55 53 13-0002		170S Series Lithonia High Performance Flood Lights *(26 55 53 13-0001)* Note: Die-cast aluminum housing welded seams, stainless steel hardware, corrosion resistant polyester powder finish, and thermal and shock resistant flat lens.		
26 55 53 13-0003		High Pressure Sodium 170S Series Lithonia High Performance Flood Lights *(26 55 53 13-0002)*		
26 55 53 13-0004	EA	250 Watt High Pressure Sodium 170S Series Lithonia High Performance Flood Light	2,396.95	194.40
26 55 53 13-0005	EA	400 Watt High Pressure Sodium 170S Series Lithonia High Performance Flood Light	2,586.45	194.40
26 55 53 13-0006	EA	750 Watt High Pressure Sodium 170S Series Lithonia High Performance Flood Light	2,595.69	194.40
26 55 53 13-0007	EA	1,000 Watt High Pressure Sodium 170S Series Lithonia High Performance Flood Light	2,884.55	194.40
26 55 53 13-0008		Metal Halide 170S Series Lithonia High Performance Flood Lights *(26 55 53 13-0002)*		
26 55 53 13-0009	EA	320 Watt Metal Halide 170S Series Lithonia High Performance Flood Light	2,764.39	194.40
26 55 53 13-0010	EA	350 Watt Metal Halide 170S Series Lithonia High Performance Flood Light	2,636.25	194.40
26 55 53 13-0011	EA	400 Watt Metal Halide 170S Series Lithonia High Performance Flood Light	2,514.81	194.40
26 55 53 13-0012	EA	1,000 Watt Metal Halide 170S Series Lithonia High Performance Flood Light	2,634.97	194.40
26 55 53 13-0013		Accessories For Lithonia High Performance Flood Lights *(26 55 53 13-0002)* See CSI section 26 55 53 11-0099 for accessories.		
26 55 61		**Theatrical Lighting** *(26 55)*		
26 55 61 00-0001		Stage Lighting *(26 55 61)*		
26 55 61 00-0002	EA	Ellipsoidal Spotlight, Two 6" x 9" Lenses Note: Stainless steel shutter blades, complete with color frame, c-clamp, safety cable, 20 amperes, 3 watts ground, male pin connector and high performance lamp.	634.31	140.83
26 55 61 00-0003	EA	Ellipsoidal Spotlight, Two 6" x 12" Lenses Note: Stainless steel shutter blades, complete with color frame, c-clamp, safety cable, 20 amperes, 3 watts ground, male pin connector and high performance lamp.	634.31	140.83
26 55 61 00-0004	EA	Ellipsoidal Spotlight, Two 6" x 16" Lenses Note: Stainless steel shutter blades, complete with color frame, c-clamp, safety cable, 20 amperes, 3 watts ground, male pin connector and high performance lamp.	634.31	140.83
26 55 61 00-0005	EA	14" Scoop Floodlight Altman #SC14	655.08	140.83
26 55 61 00-0006	EA	6" Diameter Fresnel Spotlight, Spherical Specular Alzak1 Note: Reflector, heat resistant fresnel lens, slidefocus flood to spot, complete with yoke, c-clamp, safety cable, color frame, male pin connector and lamp.	514.43	140.83
26 55 61 00-0007	EA	8" Diameter Fresnel Spotlight, Spherical Specular Alzak Note: Reflector, heat resistant fresnel lens, slidefocus flood to spot, complete with yoke, C-clamp, safety cable, color frame, male pin connector and lamp.	850.05	140.83
26 55 61 00-0008	EA	Follow Spotlight With Steel Chassis And Lightweight Note: Aluminum housing, includes lamp adjustment plate, silent lamp fan, dowser, iris and clipper, rear lens control, coated lenses, six color boomerang, color fan, 34" x 34" castered stand.	2,248.02	140.83
26 55 61 00-0009	EA	Follow Spotlight With Steel Chassis And Lightweight Note: Aluminum housing, includes lamp adjustment plate, ballast, electronic power supply, stepdown transformer, silent lamp fan, dowser, iris and clipper, rear lens control, coated lenses, six color boomerang, color fan, 34" x 34" castered stand.	2,710.91	140.83
26 55 61 00-0010	EA	300 To 1000 Watt, PAR 64 Can Lighting With 20 Gauge Sheet Steel Note: Formed lamp housing, hinged and latched rear housing secured by retention ring, safety cable, safety screen, PAR 64 lamp, male pin connector.	467.85	140.83
26 55 61 00-0011	EA	6' Length, Multi-Lamp Compartmented Striplighting Luminaire Note: With continuous sheet steel housing, supported by 1-1/2" x 3/16" steel yoke with C-clamp, includes 30 lights per section wired on 3 circuits, alzak aluminum reflector with matte finish.	1,709.52	140.83
26 55 61 00-0012	EA	1,000 Watt, 25 To 125' Throw, Follow Spotlight (Times Square Lighting QF1000S)	2,922.50	140.83
26 55 68		**Athletic Field Lighting** *(26 55)*		
26 55 68 00-0001		Sports Lighting System *(26 55 68)* Note: Musco.		
26 55 68 00-0002		Round Steel Tapered Poles *(26 55 68 00-0001)* Note: With Internal wiring harness.		
26 55 68 00-0003	EA	20' Steel Tapered Pole With Precast Concrete Foundation Sleeve	4,017.39	622.06
26 55 68 00-0004	EA	25' Steel Tapered Pole With Precast Concrete Foundation Sleeve	4,833.40	751.65
26 55 68 00-0005	EA	30' Steel Tapered Pole With Precast Concrete Foundation Sleeve	5,455.14	816.46
26 55 68 00-0006	EA	35' Steel Tapered Pole With Precast Concrete Foundation Sleeve	5,976.16	848.85
26 55 68 00-0007	EA	40' Steel Tapered Pole With Precast Concrete Foundation Sleeve	7,542.55	881.25
26 55 68 00-0008	EA	45' Steel Tapered Pole With Precast Concrete Foundation Sleeve	8,640.31	1,075.65
26 55 68 00-0009	EA	50' Steel Tapered Pole With Precast Concrete Foundation Sleeve	9,289.03	1,140.45
26 55 68 00-0010	EA	55' Steel Tapered Pole With Precast Concrete Foundation Sleeve	10,551.78	1,295.96
26 55 68 00-0011	EA	60' Steel Tapered Pole With Precast Concrete Foundation Sleeve	11,983.23	1,457.96
26 55 68 00-0012	EA	65' Steel Tapered Pole With Precast Concrete Foundation Sleeve	13,273.91	1,618.78
26 55 68 00-0013	EA	70' Steel Tapered Pole With Precast Concrete Foundation Sleeve	14,468.08	1,809.22
26 55 68 00-0014	EA	75' Steel Tapered Pole With Precast Concrete Foundation Sleeve	15,760.36	2,031.41
26 55 68 00-0015	EA	80' Steel Tapered Pole With Precast Concrete Foundation Sleeve	17,641.15	2,444.04

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 55 68 00-0016		**Steel Pole Brackets** *(26 55 68 00-0001)*		
26 55 68 00-0017	EA	Two Light Bracket	722.22	64.80
26 55 68 00-0018	EA	Three Light Bracket	906.33	90.72
26 55 68 00-0019	EA	Four Light Bracket	1,314.97	110.16
26 55 68 00-0020	EA	Five Light Bracket	1,494.75	129.59
26 55 68 00-0021	EA	Six Light Bracket	1,816.11	149.04
26 55 68 00-0022	EA	Seven Light Bracket	2,079.68	168.47
26 55 68 00-0023	EA	Eight Light Bracket	2,379.51	194.40
26 55 68 00-0024	EA	Nine Light Bracket	2,690.29	213.83
26 55 68 00-0025		**Light Fixtures** *(26 55 68 00-0001)*		
26 55 68 00-0026	EA	120 or 270 Volt, Sportlite Fixtures Complete with 1,000 Watt Metal Halide Lamp, Hook Cord And Plug	1,379.23	
		For 1,500 Watt Metal Halide Lamp, Add	*15.16*	
26 55 68 00-0027		**Electrical Component Enclosure** *(26 55 68 00-0001)* Note: Pole mounted NEMA 3R enclosure with thermal magnetic breaker and multiple ballasts to match total light fixtures. For light structures with more than 6 lights, use multiple enclosures.		
26 55 68 00-0028	EA	Electrical Component Enclosure For 2 Lights, Pole Mounted	1,007.66	75.33
26 55 68 00-0029	EA	Electrical Component Enclosure For 3 Lights, Pole Mounted	1,511.57	115.91
26 55 68 00-0030	EA	Electrical Component Enclosure For 4 Lights, Pole Mounted	1,734.79	144.87
26 55 68 00-0031	EA	Electrical Component Enclosure For 5 Lights, Pole Mounted	2,244.17	162.27
26 55 68 00-0032	EA	Electrical Component Enclosure For 6 Lights, Pole Mounted	2,524.53	173.85
26 55 68 00-0033		**Accessories** *(26 55 68 00-0001)*		
26 55 68 00-0034	EA	Time Delay Kit (Musco®)	999.27	232.20
26 55 68 00-0035	EA	Remote Switch Box Push Button (Musco®)	2,069.02	232.20
26 55 68 00-0036	EA	Push Button Strobe Kit (Musco®)	2,496.92	232.20
26 55 68 00-0037	EA	Additional Control-Link Unit (Musco®)	12,090.70	696.61
26 55 68 00-0038	EA	Auxiliary Brackets For Speakers Or Egress Fixtures, For New Installations (Musco®)	1,301.56	115.91
26 55 68 00-0039	EA	Auxiliary Brackets For Speakers Or Egress Fixtures, For Retrofit Applications (Musco®)	1,533.36	231.81

26 56 Exterior Lighting *(26 50)*

26 56 13 Lighting Poles and Standards *(26 56)*

26 56 13 00-0001		**Poles And Standards** *(26 56 13)* See CSI section 26 05 46 00-0000 for additional poles, 26 05 46 00-0001 for additional pole.		
26 56 13 00-0002		**Roadway Light Poles** *(26 56 13 00-0001)* Note: Excludes lighting fixtures.		
26 56 13 00-0003		**Steel Roadway Light Poles** *(26 56 13 00-0002)* Note: Includes prime painted finish, anchor bolts, steel base with nut covers, reinforced handhole with cover and grounding provisions, and fixture arm(s).		
26 56 13 00-0004		**Round Tapered, Steel Roadway Light Poles** *(26 56 13 00-0003)*		
26 56 13 00-0005		**Round Tapered, Steel Roadway Light Poles With Upsweep Style Arms** *(26 56 13 00-0004)*		
26 56 13 00-0006		**Round Tapered, Steel Roadway Light Poles With Single Upsweep Style Arm** *(26 56 13 00-0005)*		
26 56 13 00-0007	EA	20' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 4' Upsweep Style Arm, Anchor Base	3,120.62	388.78
		For Galvanized Finish, Add	*70.29*	
		For >10 To 20, Deduct	*-78.02*	
		For >20 To 40, Deduct	*-156.03*	
		For >40, Deduct	*-253.49*	
26 56 13 00-0008	EA	20' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 6' Upsweep Style Arm, Anchor Base	3,126.40	388.78
		For Galvanized Finish, Add	*70.46*	
		For >10 To 20, Deduct	*-78.16*	
		For >20 To 40, Deduct	*-156.32*	
		For >40, Deduct	*-253.92*	
26 56 13 00-0009	EA	25' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 4' Upsweep Style Arm, Anchor Base	3,419.91	518.38
		For Galvanized Finish, Add	*71.49*	
		For >10 To 20, Deduct	*-85.50*	
		For >20 To 40, Deduct	*-171.00*	
		For >40, Deduct	*-282.41*	
26 56 13 00-0010	EA	25' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 6' Upsweep Style Arm, Anchor Base	3,489.55	518.38
		For Galvanized Finish, Add	*73.58*	
		For >10 To 20, Deduct	*-87.24*	
		For >20 To 40, Deduct	*-174.48*	
		For >40, Deduct	*-287.64*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0011	EA	25' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 8' Upsweep Style Arm, Anchor Base	3,559.18	518.38
		For Galvanized Finish, Add	*75.67*	
		For >10 To 20, Deduct	*-88.98*	
		For >20 To 40, Deduct	*-177.96*	
		For >40, Deduct	*-292.86*	
26 56 13 00-0012	EA	30' High, 6.6" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 4' Upsweep Style Arm, Anchor Base	3,703.44	583.18
		For Galvanized Finish, Add	*76.11*	
		For >10 To 20, Deduct	*-92.59*	
		For >20 To 40, Deduct	*-185.17*	
		For >40, Deduct	*-306.92*	
26 56 13 00-0013	EA	30' High, 6.6" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 6' Upsweep Style Arm, Anchor Base	3,736.46	583.18
		For Galvanized Finish, Add	*77.10*	
		For >10 To 20, Deduct	*-93.41*	
		For >20 To 40, Deduct	*-186.82*	
		For >40, Deduct	*-309.39*	
26 56 13 00-0014	EA	30' High, 6.6" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 8' Upsweep Style Arm, Anchor Base	3,742.74	583.18
		For Galvanized Finish, Add	*77.29*	
		For >10 To 20, Deduct	*-93.57*	
		For >20 To 40, Deduct	*-187.14*	
		For >40, Deduct	*-309.86*	
26 56 13 00-0015	EA	35' High, 7.3" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 4' Upsweep Style Arm, Anchor Base	3,924.78	615.58
		For Galvanized Finish, Add	*80.81*	
		For >10 To 20, Deduct	*-98.12*	
		For >20 To 40, Deduct	*-196.24*	
		For >40, Deduct	*-325.14*	
26 56 13 00-0016	EA	35' High, 7.3" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 6' Upsweep Style Arm, Anchor Base	3,949.72	615.58
		For Galvanized Finish, Add	*81.56*	
		For >10 To 20, Deduct	*-98.74*	
		For >20 To 40, Deduct	*-197.49*	
		For >40, Deduct	*-327.01*	
26 56 13 00-0017	EA	35' High, 7.3" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 8' Upsweep Style Arm, Anchor Base	3,976.95	615.58
		For Galvanized Finish, Add	*82.37*	
		For >10 To 20, Deduct	*-99.42*	
		For >20 To 40, Deduct	*-198.85*	
		For >40, Deduct	*-329.05*	
26 56 13 00-0018	EA	40' High, 9.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 4' Upsweep Style Arm, Anchor Base	4,529.58	647.98
		For Galvanized Finish, Add	*97.01*	
		For >10 To 20, Deduct	*-113.24*	
		For >20 To 40, Deduct	*-226.48*	
		For >40, Deduct	*-372.12*	
26 56 13 00-0019	EA	40' High, 9.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 6' Upsweep Style Arm, Anchor Base	4,538.46	647.98
		For Galvanized Finish, Add	*97.28*	
		For >10 To 20, Deduct	*-113.46*	
		For >20 To 40, Deduct	*-226.92*	
		For >40, Deduct	*-372.78*	
26 56 13 00-0020	EA	40' High, 9.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 8' Upsweep Style Arm, Anchor Base	4,547.24	647.98
		For Galvanized Finish, Add	*97.54*	
		For >10 To 20, Deduct	*-113.68*	
		For >20 To 40, Deduct	*-227.36*	
		For >40, Deduct	*-373.44*	

26 56 13 00-0021 Round Tapered, Steel Roadway Light Poles With Two Upsweep Style Arms *(26 56 13 00-0005)*

26 56 13 00-0022	EA	20' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 4' Upsweep Style Arms, Anchor Base	3,882.21	453.59
		For Galvanized Finish, Add	*89.25*	
		For >10 To 20, Deduct	*-97.06*	
		For >20 To 40, Deduct	*-194.11*	
		For >40, Deduct	*-313.85*	
26 56 13 00-0023	EA	20' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 6' Upsweep Style Arms, Anchor Base	3,951.82	469.79
		For Galvanized Finish, Add	*90.37*	
		For >10 To 20, Deduct	*-98.80*	
		For >20 To 40, Deduct	*-197.59*	
		For >40, Deduct	*-319.88*	
26 56 13 00-0024	EA	20' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 8' Upsweep Style Arms, Anchor Base	4,012.25	485.98
		For Galvanized Finish, Add	*91.21*	
		For >10 To 20, Deduct	*-100.31*	
		For >20 To 40, Deduct	*-200.61*	
		For >40, Deduct	*-325.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0025	EA	25' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 4' Upsweep Style Arms, Anchor Base	3,900.17	583.18
		For Galvanized Finish, Add	*82.01*	
		For >10 To 20, Deduct	*-97.50*	
		For >20 To 40, Deduct	*-195.01*	
		For >40, Deduct	*-321.67*	
26 56 13 00-0026	EA	25' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 6' Upsweep Style Arms, Anchor Base	3,947.34	599.38
		For Galvanized Finish, Add	*82.46*	
		For >10 To 20, Deduct	*-98.68*	
		For >20 To 40, Deduct	*-197.37*	
		For >40, Deduct	*-326.02*	
26 56 13 00-0027	EA	25' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 8' Upsweep Style Arms, Anchor Base	3,985.73	615.58
		For Galvanized Finish, Add	*82.64*	
		For >10 To 20, Deduct	*-99.64*	
		For >20 To 40, Deduct	*-199.29*	
		For >40, Deduct	*-329.71*	
26 56 13 00-0028	EA	30' High, 6.6" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 4' Upsweep Style Arms, Anchor Base	4,212.14	647.98
		For Galvanized Finish, Add	*87.49*	
		For >10 To 20, Deduct	*-105.30*	
		For >20 To 40, Deduct	*-210.61*	
		For >40, Deduct	*-348.31*	
26 56 13 00-0029	EA	30' High, 6.6" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 6' Upsweep Style Arms, Anchor Base	4,253.51	664.18
		For Galvanized Finish, Add	*87.75*	
		For >10 To 20, Deduct	*-106.34*	
		For >20 To 40, Deduct	*-212.68*	
		For >40, Deduct	*-352.22*	
26 56 13 00-0030	EA	30' High, 6.6" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 8' Upsweep Style Arms, Anchor Base	4,291.60	680.38
		For Galvanized Finish, Add	*87.93*	
		For >10 To 20, Deduct	*-107.29*	
		For >20 To 40, Deduct	*-214.58*	
		For >40, Deduct	*-355.89*	
26 56 13 00-0031	EA	35' High, 7.3" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 4' Upsweep Style Arms, Anchor Base	4,467.98	680.38
		For Galvanized Finish, Add	*93.22*	
		For >10 To 20, Deduct	*-111.70*	
		For >20 To 40, Deduct	*-223.40*	
		For >40, Deduct	*-369.12*	
26 56 13 00-0032	EA	35' High, 7.3" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 6' Upsweep Style Arms, Anchor Base	4,538.99	696.57
		For Galvanized Finish, Add	*94.37*	
		For >10 To 20, Deduct	*-113.47*	
		For >20 To 40, Deduct	*-226.95*	
		For >40, Deduct	*-375.25*	
26 56 13 00-0033	EA	35' High, 7.3" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 8' Upsweep Style Arms, Anchor Base	4,608.00	712.78
		For Galvanized Finish, Add	*95.47*	
		For >10 To 20, Deduct	*-115.20*	
		For >20 To 40, Deduct	*-230.40*	
		For >40, Deduct	*-381.24*	
26 56 13 00-0034	EA	40' High, 9.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 4' Upsweep Style Arms, Anchor Base	5,038.47	712.78
		For Galvanized Finish, Add	*108.39*	
		For >10 To 20, Deduct	*-125.96*	
		For >20 To 40, Deduct	*-251.92*	
		For >40, Deduct	*-413.52*	
26 56 13 00-0035	EA	40' High, 9.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 6' Upsweep Style Arms, Anchor Base	5,076.67	728.98
		For Galvanized Finish, Add	*108.56*	
		For >10 To 20, Deduct	*-126.92*	
		For >20 To 40, Deduct	*-253.83*	
		For >40, Deduct	*-417.20*	
26 56 13 00-0036	EA	40' High, 9.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 8' Upsweep Style Arms, Anchor Base	5,115.05	745.17
		For Galvanized Finish, Add	*108.74*	
		For >10 To 20, Deduct	*-127.88*	
		For >20 To 40, Deduct	*-255.75*	
		For >40, Deduct	*-420.89*	

26 56 13 00-0037 Round Tapered, Steel Roadway Light Poles With Three Upsweep Style Arms *(26 56 13 00-0005)*

26 56 13 00-0038	EA	25' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 4' Upsweep Style Arms, Anchor Base	4,576.67	647.98
		For Galvanized Finish, Add	*98.42*	
		For >10 To 20, Deduct	*-114.42*	
		For >20 To 40, Deduct	*-228.83*	
		For >40, Deduct	*-375.65*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0039	EA	25' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 6' Upsweep Style Arms, Anchor Base	4,647.36	680.38
		For Galvanized Finish, Add	*98.60*	
		For >10 To 20, Deduct	*-116.18*	
		For >20 To 40, Deduct	*-232.37*	
		For >40, Deduct	*-382.57*	
26 56 13 00-0040	EA	25' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 8' Upsweep Style Arms, Anchor Base	4,726.81	712.78
		For Galvanized Finish, Add	*99.04*	
		For >10 To 20, Deduct	*-118.17*	
		For >20 To 40, Deduct	*-236.34*	
		For >40, Deduct	*-390.15*	
26 56 13 00-0041	EA	30' High, 7.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 4' Upsweep Style Arms, Anchor Base	4,853.31	712.78
		For Galvanized Finish, Add	*102.83*	
		For >10 To 20, Deduct	*-121.33*	
		For >20 To 40, Deduct	*-242.67*	
		For >40, Deduct	*-399.64*	
26 56 13 00-0042	EA	30' High, 7.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 6' Upsweep Style Arms, Anchor Base	4,926.79	745.17
		For Galvanized Finish, Add	*103.09*	
		For >10 To 20, Deduct	*-123.17*	
		For >20 To 40, Deduct	*-246.34*	
		For >40, Deduct	*-406.77*	
26 56 13 00-0043	EA	30' High, 7.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 8' Upsweep Style Arms, Anchor Base	4,997.48	777.58
		For Galvanized Finish, Add	*103.27*	
		For >10 To 20, Deduct	*-124.94*	
		For >20 To 40, Deduct	*-249.87*	
		For >40, Deduct	*-413.69*	
26 56 13 00-0044	EA	35' High, 8.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 4' Upsweep Style Arms, Anchor Base	5,158.94	745.17
		For Galvanized Finish, Add	*110.06*	
		For >10 To 20, Deduct	*-128.97*	
		For >20 To 40, Deduct	*-257.95*	
		For >40, Deduct	*-424.18*	
26 56 13 00-0045	EA	35' High, 8.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 6' Upsweep Style Arms, Anchor Base	5,229.63	777.58
		For Galvanized Finish, Add	*110.23*	
		For >10 To 20, Deduct	*-130.74*	
		For >20 To 40, Deduct	*-261.48*	
		For >40, Deduct	*-431.10*	
26 56 13 00-0046	EA	35' High, 8.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 8' Upsweep Style Arms, Anchor Base	5,300.31	809.97
		For Galvanized Finish, Add	*110.41*	
		For >10 To 20, Deduct	*-132.51*	
		For >20 To 40, Deduct	*-265.02*	
		For >40, Deduct	*-438.02*	
26 56 13 00-0047	EA	40' High, 9.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 4' Upsweep Style Arms, Anchor Base	5,547.37	777.58
		For Galvanized Finish, Add	*119.77*	
		For >10 To 20, Deduct	*-138.68*	
		For >20 To 40, Deduct	*-277.37*	
		For >40, Deduct	*-454.93*	
26 56 13 00-0048	EA	40' High, 9.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 6' Upsweep Style Arms, Anchor Base	5,617.76	809.97
		For Galvanized Finish, Add	*119.93*	
		For >10 To 20, Deduct	*-140.44*	
		For >20 To 40, Deduct	*-280.89*	
		For >40, Deduct	*-461.83*	
26 56 13 00-0049	EA	40' High, 9.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 8' Upsweep Style Arms, Anchor Base	5,694.33	842.37
		For Galvanized Finish, Add	*120.29*	
		For >10 To 20, Deduct	*-142.36*	
		For >20 To 40, Deduct	*-284.72*	
		For >40, Deduct	*-469.19*	

26 56 13 00-0050 Round Tapered, Steel Roadway Light Poles With Four Upsweep Style Arms *(26 56 13 00-0005)*

26 56 13 00-0051	EA	25' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 4' Upsweep Style Arms, Anchor Base	5,088.46	712.78
		For Galvanized Finish, Add	*109.89*	
		For >10 To 20, Deduct	*-127.21*	
		For >20 To 40, Deduct	*-254.42*	
		For >40, Deduct	*-417.27*	
26 56 13 00-0052	EA	25' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 6' Upsweep Style Arms, Anchor Base	5,194.43	761.38
		For Galvanized Finish, Add	*110.15*	
		For >10 To 20, Deduct	*-129.86*	
		For >20 To 40, Deduct	*-259.72*	
		For >40, Deduct	*-427.65*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0053	EA	25' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 8' Upsweep Style Arms, Anchor Base	5,297.42	809.97
		For Galvanized Finish, Add	*110.32*	
		For >10 To 20, Deduct	*-132.44*	
		For >20 To 40, Deduct	*-264.87*	
		For >40, Deduct	*-437.81*	
26 56 13 00-0054	EA	30' High, 8.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 4' Upsweep Style Arms, Anchor Base	5,401.12	777.58
		For Galvanized Finish, Add	*115.38*	
		For >10 To 20, Deduct	*-135.03*	
		For >20 To 40, Deduct	*-270.06*	
		For >40, Deduct	*-443.96*	
26 56 13 00-0055	EA	30' High, 8.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 6' Upsweep Style Arms, Anchor Base	5,504.51	826.18
		For Galvanized Finish, Add	*115.56*	
		For >10 To 20, Deduct	*-137.61*	
		For >20 To 40, Deduct	*-275.23*	
		For >40, Deduct	*-454.15*	
26 56 13 00-0056	EA	30' High, 8.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 8' Upsweep Style Arms, Anchor Base	5,573.96	874.78
		For Galvanized Finish, Add	*114.73*	
		For >10 To 20, Deduct	*-139.35*	
		For >20 To 40, Deduct	*-278.70*	
		For >40, Deduct	*-461.79*	
26 56 13 00-0057	EA	35' High, 9.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 4' Upsweep Style Arms, Anchor Base	5,800.03	809.97
		For Galvanized Finish, Add	*125.40*	
		For >10 To 20, Deduct	*-145.00*	
		For >20 To 40, Deduct	*-290.00*	
		For >40, Deduct	*-475.50*	
26 56 13 00-0058	EA	35' High, 9.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 6' Upsweep Style Arms, Anchor Base	5,943.12	858.57
		For Galvanized Finish, Add	*126.78*	
		For >10 To 20, Deduct	*-148.58*	
		For >20 To 40, Deduct	*-297.16*	
		For >40, Deduct	*-488.66*	
26 56 13 00-0059	EA	35' High, 9.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 8' Upsweep Style Arms, Anchor Base	6,009.29	907.17
		For Galvanized Finish, Add	*125.85*	
		For >10 To 20, Deduct	*-150.23*	
		For >20 To 40, Deduct	*-300.46*	
		For >40, Deduct	*-496.06*	
26 56 13 00-0060	EA	40' High, 10.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 4' Upsweep Style Arms, Anchor Base	6,055.97	842.37
		For Galvanized Finish, Add	*131.14*	
		For >10 To 20, Deduct	*-151.40*	
		For >20 To 40, Deduct	*-302.80*	
		For >40, Deduct	*-496.32*	
26 56 13 00-0061	EA	40' High, 10.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 6' Upsweep Style Arms, Anchor Base	6,158.95	890.97
		For Galvanized Finish, Add	*131.31*	
		For >10 To 20, Deduct	*-153.97*	
		For >20 To 40, Deduct	*-307.95*	
		For >40, Deduct	*-506.47*	
26 56 13 00-0062	EA	40' High, 10.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 8' Upsweep Style Arms, Anchor Base	6,264.93	939.57
		For Galvanized Finish, Add	*131.57*	
		For >10 To 20, Deduct	*-156.62*	
		For >20 To 40, Deduct	*-313.25*	
		For >40, Deduct	*-516.85*	

26 56 13 00-0063 Round Tapered, Steel Roadway Light Poles With Davit Style Arm *(26 56 13 00-0004)*

26 56 13 00-0064 Round Tapered, Steel Roadway Light Poles With Single Davit Style Arm *(26 56 13 00-0063)*

26 56 13 00-0065	EA	25' High, 6.4" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 6.5' Davit Style Arm, Anchor Base	3,635.40	518.38
		For Galvanized Finish, Add	*77.96*	
		For >10 To 20, Deduct	*-90.89*	
		For >20 To 40, Deduct	*-181.77*	
		For >40, Deduct	*-298.57*	
26 56 13 00-0066	EA	30' High, 7.1" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 6.5' Davit Style Arm, Anchor Base	4,113.27	583.18
		For Galvanized Finish, Add	*88.41*	
		For >10 To 20, Deduct	*-102.83*	
		For >20 To 40, Deduct	*-205.66*	
		For >40, Deduct	*-337.65*	
26 56 13 00-0067	EA	35' High, 7.8" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 6.5' Davit Style Arm, Anchor Base	4,226.56	615.58
		For Galvanized Finish, Add	*89.86*	
		For >10 To 20, Deduct	*-105.66*	
		For >20 To 40, Deduct	*-211.33*	
		For >40, Deduct	*-347.77*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0068	EA	40' High, 9.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 6.5' Davit Style Arm, Anchor Base	5,035.18	647.98
		For Galvanized Finish, Add	*112.18*	
		For >10 To 20, Deduct	*-125.88*	
		For >20 To 40, Deduct	*-251.76*	
		For >40, Deduct	*-410.04*	
26 56 13 00-0069		Round Tapered, Steel Roadway Light Poles With Truss Style Arms *(26 56 13 00-0004)*		
26 56 13 00-0070		Round Tapered, Steel Roadway Light Poles With Single Truss Style Arm *(26 56 13 00-0069)*		
26 56 13 00-0071	EA	25' High, 6.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 10' Truss Style Arm, Anchor Base	4,675.63	518.38
		For Galvanized Finish, Add	*109.17*	
		For >10 To 20, Deduct	*-116.89*	
		For >20 To 40, Deduct	*-233.78*	
		For >40, Deduct	*-376.59*	
26 56 13 00-0072	EA	25' High, 6.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 12' Truss Style Arm, Anchor Base	4,720.23	518.38
		For Galvanized Finish, Add	*110.50*	
		For >10 To 20, Deduct	*-118.01*	
		For >20 To 40, Deduct	*-236.01*	
		For >40, Deduct	*-379.94*	
26 56 13 00-0073	EA	25' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 15' Truss Style Arm, Anchor Base	4,740.58	518.38
		For Galvanized Finish, Add	*111.11*	
		For >10 To 20, Deduct	*-118.51*	
		For >20 To 40, Deduct	*-237.03*	
		For >40, Deduct	*-381.46*	
26 56 13 00-0074	EA	30' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 10' Truss Style Arm, Anchor Base	4,849.82	583.18
		For Galvanized Finish, Add	*110.50*	
		For >10 To 20, Deduct	*-121.25*	
		For >20 To 40, Deduct	*-242.49*	
		For >40, Deduct	*-392.90*	
26 56 13 00-0075	EA	30' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 12' Truss Style Arm, Anchor Base	4,857.60	583.18
		For Galvanized Finish, Add	*110.74*	
		For >10 To 20, Deduct	*-121.44*	
		For >20 To 40, Deduct	*-242.88*	
		For >40, Deduct	*-393.48*	
26 56 13 00-0076	EA	30' High, 7.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 15' Truss Style Arm, Anchor Base	4,938.01	583.18
		For Galvanized Finish, Add	*113.15*	
		For >10 To 20, Deduct	*-123.45*	
		For >20 To 40, Deduct	*-246.90*	
		For >40, Deduct	*-399.51*	
26 56 13 00-0077	EA	35' High, 8.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 10' Truss Style Arm, Anchor Base	4,941.06	615.58
		For Galvanized Finish, Add	*111.30*	
		For >10 To 20, Deduct	*-123.53*	
		For >20 To 40, Deduct	*-247.05*	
		For >40, Deduct	*-401.36*	
26 56 13 00-0078	EA	35' High, 8.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 12' Truss Style Arm, Anchor Base	4,988.15	615.58
		For Galvanized Finish, Add	*112.71*	
		For >10 To 20, Deduct	*-124.70*	
		For >20 To 40, Deduct	*-249.41*	
		For >40, Deduct	*-404.89*	
26 56 13 00-0079	EA	35' High, 8.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 15' Truss Style Arm, Anchor Base	5,235.07	615.58
		For Galvanized Finish, Add	*120.12*	
		For >10 To 20, Deduct	*-130.88*	
		For >20 To 40, Deduct	*-261.75*	
		For >40, Deduct	*-423.41*	
26 56 13 00-0080		Round Tapered, Steel Roadway Light Poles With Two Truss Style Arms *(26 56 13 00-0069)*		
26 56 13 00-0081	EA	25' High, 6.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 10' Truss Style Arms, Anchor Base	6,121.21	647.98
		For Galvanized Finish, Add	*144.76*	
		For >10 To 20, Deduct	*-153.03*	
		For >20 To 40, Deduct	*-306.06*	
		For >40, Deduct	*-491.49*	
26 56 13 00-0082	EA	25' High, 6.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 12' Truss Style Arms, Anchor Base	6,228.71	680.38
		For Galvanized Finish, Add	*146.04*	
		For >10 To 20, Deduct	*-155.72*	
		For >20 To 40, Deduct	*-311.44*	
		For >40, Deduct	*-501.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0083	EA	25' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 15' Truss Style Arms, Anchor Base	6,461.10	712.78
		For Galvanized Finish, Add	*151.07*	
		For >10 To 20, Deduct	*-161.53*	
		For >20 To 40, Deduct	*-323.06*	
		For >40, Deduct	*-520.22*	
26 56 13 00-0084	EA	30' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 10' Truss Style Arms, Anchor Base	6,226.06	712.78
		For Galvanized Finish, Add	*144.02*	
		For >10 To 20, Deduct	*-155.65*	
		For >20 To 40, Deduct	*-311.30*	
		For >40, Deduct	*-502.59*	
26 56 13 00-0085	EA	30' High, 7.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 12' Truss Style Arms, Anchor Base	6,511.43	745.17
		For Galvanized Finish, Add	*150.63*	
		For >10 To 20, Deduct	*-162.79*	
		For >20 To 40, Deduct	*-325.57*	
		For >40, Deduct	*-525.62*	
26 56 13 00-0086	EA	30' High, 8.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 15' Truss Style Arms, Anchor Base	6,684.77	777.58
		For Galvanized Finish, Add	*153.89*	
		For >10 To 20, Deduct	*-167.12*	
		For >20 To 40, Deduct	*-334.24*	
		For >40, Deduct	*-540.24*	
26 56 13 00-0087	EA	35' High, 8.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 10' Truss Style Arms, Anchor Base	6,414.06	745.17
		For Galvanized Finish, Add	*147.71*	
		For >10 To 20, Deduct	*-160.35*	
		For >20 To 40, Deduct	*-320.70*	
		For >40, Deduct	*-518.31*	
26 56 13 00-0088	EA	35' High, 8.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 12' Truss Style Arms, Anchor Base	6,793.52	777.58
		For Galvanized Finish, Add	*157.15*	
		For >10 To 20, Deduct	*-169.84*	
		For >20 To 40, Deduct	*-339.68*	
		For >40, Deduct	*-548.39*	
26 56 13 00-0089	EA	35' High, 8.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 15' Truss Style Arms, Anchor Base	7,019.93	809.97
		For Galvanized Finish, Add	*162.00*	
		For >10 To 20, Deduct	*-175.50*	
		For >20 To 40, Deduct	*-351.00*	
		For >40, Deduct	*-566.99*	

26 56 13 00-0090 Aluminum Roadway Light Poles *(26 56 13 00-0002)*

Note: Includes satin finish, anchor bolts, cast aluminum base with nut covers, reinforced handhole with cover and grounding provisions, and fixture arm(s).

26 56 13 00-0091 Round Tapered, Aluminum Roadway Light Poles *(26 56 13 00-0090)*

26 56 13 00-0092 Round Tapered, Aluminum Roadway Light Poles With Upsweep Style Arms *(26 56 13 00-0091)*

26 56 13 00-0093 Round Tapered, Aluminum Roadway Light Poles With Single Upsweep Style Arm *(26 56 13 00-0092)*

26 56 13 00-0094	EA	20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 4' Upsweep Style Arm, Anchor Base	2,816.66	388.78
		For >10 To 20, Deduct	*-70.42*	
		For >20 To 40, Deduct	*-140.83*	
		For >40, Deduct	*-230.69*	
26 56 13 00-0095	EA	20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 6' Upsweep Style Arm, Anchor Base	2,841.34	388.78
		For >10 To 20, Deduct	*-71.03*	
		For >20 To 40, Deduct	*-142.07*	
		For >40, Deduct	*-232.54*	
26 56 13 00-0096	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 4' Upsweep Style Arm, Anchor Base	3,448.44	518.38
		For >10 To 20, Deduct	*-86.21*	
		For >20 To 40, Deduct	*-172.42*	
		For >40, Deduct	*-284.55*	
26 56 13 00-0097	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 6' Upsweep Style Arm, Anchor Base	3,495.07	518.38
		For >10 To 20, Deduct	*-87.38*	
		For >20 To 40, Deduct	*-174.75*	
		For >40, Deduct	*-288.05*	
26 56 13 00-0098	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 8' Upsweep Style Arm, Anchor Base	3,537.97	518.38
		For >10 To 20, Deduct	*-88.45*	
		For >20 To 40, Deduct	*-176.90*	
		For >40, Deduct	*-291.27*	
26 56 13 00-0099	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 4' Upsweep Style Arm, Anchor Base	3,959.62	583.18
		For >10 To 20, Deduct	*-98.99*	
		For >20 To 40, Deduct	*-197.98*	
		For >40, Deduct	*-326.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0100	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 6' Upsweep Style Arm, Anchor Base	3,998.97	583.18
		For >10 To 20, Deduct	*-99.97*	
		For >20 To 40, Deduct	*-199.95*	
		For >40, Deduct	*-329.08*	
26 56 13 00-0101	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 8' Upsweep Style Arm, Anchor Base	4,042.98	583.18
		For >10 To 20, Deduct	*-101.07*	
		For >20 To 40, Deduct	*-202.15*	
		For >40, Deduct	*-332.38*	
26 56 13 00-0102	EA	35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 4' Upsweep Style Arm, Anchor Base	4,647.00	615.58
		For >10 To 20, Deduct	*-116.18*	
		For >20 To 40, Deduct	*-232.35*	
		For >40, Deduct	*-379.30*	
26 56 13 00-0103	EA	35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 6' Upsweep Style Arm, Anchor Base	4,686.25	615.58
		For >10 To 20, Deduct	*-117.16*	
		For >20 To 40, Deduct	*-234.31*	
		For >40, Deduct	*-382.25*	
26 56 13 00-0104	EA	35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 8' Upsweep Style Arm, Anchor Base	4,719.13	615.58
		For >10 To 20, Deduct	*-117.98*	
		For >20 To 40, Deduct	*-235.96*	
		For >40, Deduct	*-384.71*	

26 56 13 00-0105 Round Tapered, Aluminum Roadway Light Poles With Two Upsweep Style Arms *(26 56 13 00-0092)*

26 56 13 00-0106	EA	20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 4' Upsweep Style Arms, Anchor Base	3,226.47	453.59
		For >10 To 20, Deduct	*-80.66*	
		For >20 To 40, Deduct	*-161.32*	
		For >40, Deduct	*-264.66*	
26 56 13 00-0107	EA	20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 6' Upsweep Style Arms, Anchor Base	3,468.36	453.59
		For >10 To 20, Deduct	*-86.71*	
		For >20 To 40, Deduct	*-173.42*	
		For >40, Deduct	*-282.81*	
26 56 13 00-0108	EA	20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 8' Upsweep Style Arms, Anchor Base	3,580.30	485.98
		For >10 To 20, Deduct	*-89.51*	
		For >20 To 40, Deduct	*-179.02*	
		For >40, Deduct	*-292.82*	
26 56 13 00-0109	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 4' Upsweep Style Arms, Anchor Base	3,845.00	583.18
		For >10 To 20, Deduct	*-96.13*	
		For >20 To 40, Deduct	*-192.25*	
		For >40, Deduct	*-317.53*	
26 56 13 00-0110	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 6' Upsweep Style Arms, Anchor Base	4,031.37	599.38
		For >10 To 20, Deduct	*-100.78*	
		For >20 To 40, Deduct	*-201.57*	
		For >40, Deduct	*-332.32*	
26 56 13 00-0111	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 8' Upsweep Style Arms, Anchor Base	4,301.02	615.58
		For >10 To 20, Deduct	*-107.53*	
		For >20 To 40, Deduct	*-215.05*	
		For >40, Deduct	*-353.36*	
26 56 13 00-0112	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 4' Upsweep Style Arms, Anchor Base	4,440.97	647.98
		For >10 To 20, Deduct	*-111.02*	
		For >20 To 40, Deduct	*-222.05*	
		For >40, Deduct	*-365.47*	
26 56 13 00-0113	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 6' Upsweep Style Arms, Anchor Base	4,616.21	664.18
		For >10 To 20, Deduct	*-115.41*	
		For >20 To 40, Deduct	*-230.81*	
		For >40, Deduct	*-379.42*	
26 56 13 00-0114	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 8' Upsweep Style Arms, Anchor Base	4,830.51	680.38
		For >10 To 20, Deduct	*-120.76*	
		For >20 To 40, Deduct	*-241.53*	
		For >40, Deduct	*-396.31*	
26 56 13 00-0115	EA	35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 4' Upsweep Style Arms, Anchor Base	5,044.47	680.38
		For >10 To 20, Deduct	*-126.11*	
		For >20 To 40, Deduct	*-252.22*	
		For >40, Deduct	*-412.35*	
26 56 13 00-0116	EA	35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 6' Upsweep Style Arms, Anchor Base	5,522.20	696.57
		For >10 To 20, Deduct	*-138.06*	
		For >20 To 40, Deduct	*-276.11*	
		For >40, Deduct	*-448.99*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0117	EA	35' High, 8" Base OD, 0.250" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 8' Upsweep Style Arms, Anchor Base	6,078.12	712.78
		For >10 To 20, Deduct	*-151.95*	
		For >20 To 40, Deduct	*-303.91*	
		For >40, Deduct	*-491.50*	

26 56 13 00-0118 Round Tapered, Aluminum Roadway Light Poles With Three Upsweep Style Arms *(26 56 13 00-0092)*

26 56 13 00-0119	EA	20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Three 4' Upsweep Style Arms, Anchor Base	3,745.46	518.38
		For >10 To 20, Deduct	*-93.64*	
		For >20 To 40, Deduct	*-187.27*	
		For >40, Deduct	*-306.83*	
26 56 13 00-0120	EA	20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Three 6' Upsweep Style Arms, Anchor Base	4,005.90	550.79
		For >10 To 20, Deduct	*-100.15*	
		For >20 To 40, Deduct	*-200.30*	
		For >40, Deduct	*-327.98*	
26 56 13 00-0121	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Three 4' Upsweep Style Arms, Anchor Base	4,552.35	647.98
		For >10 To 20, Deduct	*-113.81*	
		For >20 To 40, Deduct	*-227.62*	
		For >40, Deduct	*-373.83*	
26 56 13 00-0122	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Three 6' Upsweep Style Arms, Anchor Base	4,746.54	680.38
		For >10 To 20, Deduct	*-118.66*	
		For >20 To 40, Deduct	*-237.33*	
		For >40, Deduct	*-390.01*	
26 56 13 00-0123	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Three 4' Upsweep Style Arms, Anchor Base	4,970.87	712.78
		For >10 To 20, Deduct	*-124.27*	
		For >20 To 40, Deduct	*-248.54*	
		For >40, Deduct	*-408.45*	
26 56 13 00-0124	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Three 6' Upsweep Style Arms, Anchor Base	5,147.05	745.17
		For >10 To 20, Deduct	*-128.68*	
		For >20 To 40, Deduct	*-257.35*	
		For >40, Deduct	*-423.29*	
26 56 13 00-0125	EA	35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Three 4' Upsweep Style Arms, Anchor Base	5,378.72	745.17
		For >10 To 20, Deduct	*-134.47*	
		For >20 To 40, Deduct	*-268.94*	
		For >40, Deduct	*-440.66*	
26 56 13 00-0126	EA	35' High, 8" Base OD, 0.219" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Three 6' Upsweep Style Arms, Anchor Base	5,854.65	777.58
		For >10 To 20, Deduct	*-146.37*	
		For >20 To 40, Deduct	*-292.73*	
		For >40, Deduct	*-477.98*	
26 56 13 00-0127	EA	35' High, 8" Base OD, 0.250" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Three 8' Upsweep Style Arms, Anchor Base	11,323.53	809.97
		For >10 To 20, Deduct	*-283.09*	
		For >20 To 40, Deduct	*-566.18*	
		For >40, Deduct	*-889.76*	

26 56 13 00-0128 Round Tapered, Aluminum Roadway Light Poles With Four Upsweep Style Arms *(26 56 13 00-0092)*

26 56 13 00-0129	EA	20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Four 4' Upsweep Style Arms, Anchor Base	3,874.44	583.18
		For >10 To 20, Deduct	*-96.86*	
		For >20 To 40, Deduct	*-193.72*	
		For >40, Deduct	*-319.74*	
26 56 13 00-0130	EA	20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Four 6' Upsweep Style Arms, Anchor Base	4,022.55	583.18
		For >10 To 20, Deduct	*-100.56*	
		For >20 To 40, Deduct	*-201.13*	
		For >40, Deduct	*-330.85*	
26 56 13 00-0131	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Four 4' Upsweep Style Arms, Anchor Base	4,980.08	712.78
		For >10 To 20, Deduct	*-124.50*	
		For >20 To 40, Deduct	*-249.00*	
		For >40, Deduct	*-409.14*	
26 56 13 00-0132	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Four 6' Upsweep Style Arms, Anchor Base	5,393.01	761.38
		For >10 To 20, Deduct	*-134.83*	
		For >20 To 40, Deduct	*-269.65*	
		For >40, Deduct	*-442.54*	
26 56 13 00-0133	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Four 4' Upsweep Style Arms, Anchor Base	5,627.13	777.58
		For >10 To 20, Deduct	*-140.68*	
		For >20 To 40, Deduct	*-281.36*	
		For >40, Deduct	*-460.91*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0134	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Four 6' Upsweep Style Arms, Anchor Base	6,007.29	826.18
		For >10 To 20, Deduct	*-150.18*	
		For >20 To 40, Deduct	*-300.36*	
		For >40, Deduct	*-491.86*	
26 56 13 00-0135	EA	35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Four 4' Upsweep Style Arms, Anchor Base	5,926.74	809.97
		For >10 To 20, Deduct	*-148.17*	
		For >20 To 40, Deduct	*-296.34*	
		For >40, Deduct	*-485.00*	
26 56 13 00-0136	EA	35' High, 8" Base OD, 0.219" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Four 6' Upsweep Style Arms, Anchor Base	6,748.99	858.57
		For >10 To 20, Deduct	*-168.72*	
		For >20 To 40, Deduct	*-337.45*	
		For >40, Deduct	*-549.10*	
26 56 13 00-0137	EA	35' High, 8" Base OD, 0.250" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Four 8' Upsweep Style Arms, Anchor Base	7,475.23	907.17
		For >10 To 20, Deduct	*-186.88*	
		For >20 To 40, Deduct	*-373.76*	
		For >40, Deduct	*-606.00*	

26 56 13 00-0138 Round Tapered, Aluminum Roadway Light Poles With Truss Style Arms *(26 56 13 00-0091)*

26 56 13 00-0139 Round Tapered, Aluminum Roadway Light Poles With Single Truss Style Arm *(26 56 13 00-0138)*

26 56 13 00-0140	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 8' Truss Style Arm, Anchor Base	4,133.73	518.38
		For >10 To 20, Deduct	*-103.34*	
		For >20 To 40, Deduct	*-206.69*	
		For >40, Deduct	*-335.95*	
26 56 13 00-0141	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 10' Truss Style Arm, Anchor Base	4,166.71	518.38
		For >10 To 20, Deduct	*-104.17*	
		For >20 To 40, Deduct	*-208.34*	
		For >40, Deduct	*-338.42*	
26 56 13 00-0142	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 12' Truss Style Arm, Anchor Base	4,250.98	518.38
		For >10 To 20, Deduct	*-106.27*	
		For >20 To 40, Deduct	*-212.55*	
		For >40, Deduct	*-344.74*	
26 56 13 00-0143	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 15' Truss Style Arm, Anchor Base	4,377.43	518.38
		For >10 To 20, Deduct	*-109.44*	
		For >20 To 40, Deduct	*-218.87*	
		For >40, Deduct	*-354.23*	
26 56 13 00-0144	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 8' Truss Style Arm, Anchor Base	4,654.32	583.18
		For >10 To 20, Deduct	*-116.36*	
		For >20 To 40, Deduct	*-232.72*	
		For >40, Deduct	*-378.23*	
26 56 13 00-0145	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 10' Truss Style Arm, Anchor Base	4,728.68	583.18
		For >10 To 20, Deduct	*-118.22*	
		For >20 To 40, Deduct	*-236.43*	
		For >40, Deduct	*-383.81*	
26 56 13 00-0146	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 12' Truss Style Arm, Anchor Base	4,807.99	583.18
		For >10 To 20, Deduct	*-120.20*	
		For >20 To 40, Deduct	*-240.40*	
		For >40, Deduct	*-389.76*	
26 56 13 00-0147	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 15' Truss Style Arm, Anchor Base	5,286.40	583.18
		For >10 To 20, Deduct	*-132.16*	
		For >20 To 40, Deduct	*-264.32*	
		For >40, Deduct	*-425.64*	
26 56 13 00-0148	EA	35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 8' Truss Style Arm, Anchor Base	5,059.35	615.58
		For >10 To 20, Deduct	*-126.48*	
		For >20 To 40, Deduct	*-252.97*	
		For >40, Deduct	*-410.23*	
26 56 13 00-0149	EA	35' High, 8" Base OD, 0.219" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 10' Truss Style Arm, Anchor Base	5,673.22	615.58
		For >10 To 20, Deduct	*-141.83*	
		For >20 To 40, Deduct	*-283.66*	
		For >40, Deduct	*-456.27*	
26 56 13 00-0150	EA	35' High, 8" Base OD, 0.219" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 12' Truss Style Arm, Anchor Base	5,733.00	615.58
		For >10 To 20, Deduct	*-143.33*	
		For >20 To 40, Deduct	*-286.65*	
		For >40, Deduct	*-460.75*	
26 56 13 00-0151	EA	35' High, 8" Base OD, 0.219" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 15' Truss Style Arm, Anchor Base	6,112.57	615.58
		For >10 To 20, Deduct	*-152.81*	
		For >20 To 40, Deduct	*-305.63*	
		For >40, Deduct	*-489.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0152	EA	35' High, 8" Base OD, 0.250" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 15' Truss Style Arm, Anchor Base	6,458.76	615.58
		For >10 To 20, Deduct	*-161.47*	
		For >20 To 40, Deduct	*-322.94*	
		For >40, Deduct	*-515.19*	

26 56 13 00-0153 Round Tapered, Aluminum Roadway Light Poles With Two Truss Style Arms *(26 56 13 00-0138)*

26 56 13 00-0154	EA	25' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 10' Truss Style Arms, Anchor Base	5,367.94	647.98
		For >10 To 20, Deduct	*-134.20*	
		For >20 To 40, Deduct	*-268.40*	
		For >40, Deduct	*-434.99*	
26 56 13 00-0155	EA	25' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 12' Truss Style Arms, Anchor Base	5,517.01	680.38
		For >10 To 20, Deduct	*-137.93*	
		For >20 To 40, Deduct	*-275.85*	
		For >40, Deduct	*-447.79*	
26 56 13 00-0156	EA	25' High, 8" Base OD, 0.219" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 15' Truss Style Arms, Anchor Base	5,636.03	712.78
		For >10 To 20, Deduct	*-140.90*	
		For >20 To 40, Deduct	*-281.80*	
		For >40, Deduct	*-458.34*	
26 56 13 00-0157	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 10' Truss Style Arms, Anchor Base	5,780.49	712.78
		For >10 To 20, Deduct	*-144.51*	
		For >20 To 40, Deduct	*-289.02*	
		For >40, Deduct	*-469.18*	
26 56 13 00-0158	EA	30' High, 8" Base OD, 0.219" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 12' Truss Style Arms, Anchor Base	6,284.55	745.17
		For >10 To 20, Deduct	*-157.11*	
		For >20 To 40, Deduct	*-314.23*	
		For >40, Deduct	*-508.60*	
26 56 13 00-0159	EA	30' High, 8" Base OD, 0.250" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 15' Truss Style Arms, Anchor Base	7,216.03	777.58
		For >10 To 20, Deduct	*-180.40*	
		For >20 To 40, Deduct	*-360.80*	
		For >40, Deduct	*-580.08*	
26 56 13 00-0160	EA	35' High, 8" Base OD, 0.250" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 10' Truss Style Arms, Anchor Base	6,979.65	745.17
		For >10 To 20, Deduct	*-174.49*	
		For >20 To 40, Deduct	*-348.98*	
		For >40, Deduct	*-560.73*	
26 56 13 00-0161	EA	35' High, 10" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 12' Truss Style Arms, Anchor Base	7,115.07	777.58
		For >10 To 20, Deduct	*-177.88*	
		For >20 To 40, Deduct	*-355.75*	
		For >40, Deduct	*-572.51*	
26 56 13 00-0162	EA	35' High, 10" Base OD, 0.250" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 15' Truss Style Arms, Anchor Base	8,661.93	809.97
		For >10 To 20, Deduct	*-216.55*	
		For >20 To 40, Deduct	*-433.10*	
		For >40, Deduct	*-690.14*	

26 56 13 00-0163 Round Tapered, Aluminum Roadway Light Poles With Davit Style Arm *(26 56 13 00-0091)*

26 56 13 00-0164 Round Tapered, Aluminum Roadway Light Poles With Single Davit Style Arm *(26 56 13 00-0163)*

26 56 13 00-0165	EA	20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 4' Davit Style Arm, Anchor Base	3,393.09	388.78
		For >10 To 20, Deduct	*-84.83*	
		For >20 To 40, Deduct	*-169.65*	
		For >40, Deduct	*-273.92*	
26 56 13 00-0166	EA	20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 6' Davit Style Arm, Anchor Base	3,486.27	388.78
		For >10 To 20, Deduct	*-87.16*	
		For >20 To 40, Deduct	*-174.31*	
		For >40, Deduct	*-280.91*	
26 56 13 00-0167	EA	20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 8' Davit Style Arm, Anchor Base	3,579.64	388.78
		For >10 To 20, Deduct	*-89.49*	
		For >20 To 40, Deduct	*-178.98*	
		For >40, Deduct	*-287.91*	
26 56 13 00-0168	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 4' Davit Style Arm, Anchor Base	4,033.27	518.38
		For >10 To 20, Deduct	*-100.83*	
		For >20 To 40, Deduct	*-201.66*	
		For >40, Deduct	*-328.41*	
26 56 13 00-0169	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 6' Davit Style Arm, Anchor Base	4,104.29	518.38
		For >10 To 20, Deduct	*-102.61*	
		For >20 To 40, Deduct	*-205.21*	
		For >40, Deduct	*-333.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0170	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 8' Davit Style Arm, Anchor Base	4,181.88	518.38
		For >10 To 20, Deduct	*-104.55*	
		For >20 To 40, Deduct	*-209.09*	
		For >40, Deduct	*-339.56*	
26 56 13 00-0171	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 4' Davit Style Arm, Anchor Base	4,552.14	583.18
		For >10 To 20, Deduct	*-113.80*	
		For >20 To 40, Deduct	*-227.61*	
		For >40, Deduct	*-370.57*	
26 56 13 00-0172	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 6' Davit Style Arm, Anchor Base	4,648.55	583.18
		For >10 To 20, Deduct	*-116.21*	
		For >20 To 40, Deduct	*-232.43*	
		For >40, Deduct	*-377.80*	
26 56 13 00-0173	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 8' Davit Style Arm, Anchor Base	4,663.02	583.18
		For >10 To 20, Deduct	*-116.58*	
		For >20 To 40, Deduct	*-233.15*	
		For >40, Deduct	*-378.89*	
26 56 13 00-0174	EA	35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 4' Davit Style Arm, Anchor Base	4,960.00	615.58
		For >10 To 20, Deduct	*-124.00*	
		For >20 To 40, Deduct	*-248.00*	
		For >40, Deduct	*-402.78*	
26 56 13 00-0175	EA	35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 6' Davit Style Arm, Anchor Base	5,002.29	615.58
		For >10 To 20, Deduct	*-125.06*	
		For >20 To 40, Deduct	*-250.11*	
		For >40, Deduct	*-405.95*	
26 56 13 00-0176	EA	35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 8' Davit Style Arm, Anchor Base	5,101.43	615.58
		For >10 To 20, Deduct	*-127.54*	
		For >20 To 40, Deduct	*-255.07*	
		For >40, Deduct	*-413.39*	

26 56 13 00-0177 Area Light Poles *(26 56 13 00-0001)*

Note: Excludes lighting fixtures.

26 56 13 00-0178 Steel Area Light Poles *(26 56 13 00-0177)*

Note: Includes powdercoat finish, anchor bolts, base cover, reinforced handhole with cover and grounding provisions, factory drilled fixture mounting holes and tenon, open or capped top.

26 56 13 00-0179 Round Straight, Steel Area Light Poles *(26 56 13 00-0178)*

26 56 13 00-0180 Round Straight, Steel Area Light Poles, Anchor Base *(26 56 13 00-0179)*

26 56 13 00-0181	EA	10' High, 3" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	1,551.93	226.79
		For Galvanized Finish, Add	*32.95*	
		For >10 To 20, Deduct	*-55.27*	
		For >20 To 40, Deduct	*-99.56*	
		For >40, Deduct	*-210.11*	
26 56 13 00-0182	EA	12' High, 3" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	1,677.57	259.19
		For Galvanized Finish, Add	*34.78*	
		For >10 To 20, Deduct	*-59.33*	
		For >20 To 40, Deduct	*-107.06*	
		For >40, Deduct	*-225.72*	
26 56 13 00-0183	EA	14' High, 3" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	1,873.20	291.60
		For Galvanized Finish, Add	*38.70*	
		For >10 To 20, Deduct	*-66.18*	
		For >20 To 40, Deduct	*-119.46*	
		For >40, Deduct	*-251.82*	
26 56 13 00-0184	EA	16' High, 3" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	2,074.91	323.99
		For Galvanized Finish, Add	*42.81*	
		For >10 To 20, Deduct	*-73.28*	
		For >20 To 40, Deduct	*-132.28*	
		For >40, Deduct	*-278.84*	
26 56 13 00-0185	EA	18' High, 3" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	2,200.56	356.39
		For Galvanized Finish, Add	*44.63*	
		For >10 To 20, Deduct	*-77.33*	
		For >20 To 40, Deduct	*-139.78*	
		For >40, Deduct	*-294.45*	
26 56 13 00-0186	EA	20' High, 3" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	2,311.00	388.78
		For Galvanized Finish, Add	*46.00*	
		For >10 To 20, Deduct	*-80.78*	
		For >20 To 40, Deduct	*-146.22*	
		For >40, Deduct	*-307.77*	
26 56 13 00-0187	EA	10' High, 4" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	1,631.03	226.79
		For Galvanized Finish, Add	*35.32*	
		For >10 To 20, Deduct	*-58.44*	
		For >20 To 40, Deduct	*-105.10*	
		For >40, Deduct	*-221.98*	
26 56 13 00-0188	EA	12' High, 4" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	1,759.72	259.19
		For Galvanized Finish, Add	*37.24*	
		For >10 To 20, Deduct	*-62.61*	
		For >20 To 40, Deduct	*-112.81*	
		For >40, Deduct	*-238.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0189	EA	14' High, 4" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	2,037.49	291.60
		For Galvanized Finish, Add	*43.63*	
		For >10 To 20, Deduct	*-72.75*	
		For >20 To 40, Deduct	*-130.96*	
		For >40, Deduct	*-276.46*	
26 56 13 00-0190	EA	16' High, 4" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	2,181.40	323.99
		For Galvanized Finish, Add	*46.00*	
		For >10 To 20, Deduct	*-77.54*	
		For >20 To 40, Deduct	*-139.74*	
		For >40, Deduct	*-294.81*	
26 56 13 00-0191	EA	18' High, 4" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	2,316.17	356.39
		For Galvanized Finish, Add	*48.10*	
		For >10 To 20, Deduct	*-81.96*	
		For >20 To 40, Deduct	*-147.88*	
		For >40, Deduct	*-311.79*	
26 56 13 00-0192	EA	20' High, 4" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	2,420.52	388.78
		For Galvanized Finish, Add	*49.29*	
		For >10 To 20, Deduct	*-85.16*	
		For >20 To 40, Deduct	*-153.88*	
		For >40, Deduct	*-324.20*	
26 56 13 00-0193	EA	25' High, 4" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	2,792.29	518.38
		For Galvanized Finish, Add	*52.67*	
		For >10 To 20, Deduct	*-96.14*	
		For >20 To 40, Deduct	*-174.72*	
		For >40, Deduct	*-367.01*	
26 56 13 00-0194	EA	10' High, 4-1/2" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	1,631.03	226.79
		For Galvanized Finish, Add	*35.32*	
		For >10 To 20, Deduct	*-58.44*	
		For >20 To 40, Deduct	*-105.10*	
		For >40, Deduct	*-221.98*	
26 56 13 00-0195	EA	12' High, 4-1/2" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	1,768.84	259.19
		For Galvanized Finish, Add	*37.51*	
		For >10 To 20, Deduct	*-62.98*	
		For >20 To 40, Deduct	*-113.45*	
		For >40, Deduct	*-239.41*	
26 56 13 00-0196	EA	14' High, 4-1/2" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	2,086.17	291.60
		For Galvanized Finish, Add	*45.09*	
		For >10 To 20, Deduct	*-74.70*	
		For >20 To 40, Deduct	*-134.37*	
		For >40, Deduct	*-283.77*	
26 56 13 00-0197	EA	16' High, 4-1/2" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	2,190.52	323.99
		For Galvanized Finish, Add	*46.28*	
		For >10 To 20, Deduct	*-77.90*	
		For >20 To 40, Deduct	*-140.38*	
		For >40, Deduct	*-296.18*	
26 56 13 00-0198	EA	18' High, 4-1/2" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	2,316.17	356.39
		For Galvanized Finish, Add	*48.10*	
		For >10 To 20, Deduct	*-81.96*	
		For >20 To 40, Deduct	*-147.88*	
		For >40, Deduct	*-311.79*	
26 56 13 00-0199	EA	20' High, 4-1/2" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	2,420.52	388.78
		For Galvanized Finish, Add	*49.29*	
		For >10 To 20, Deduct	*-85.16*	
		For >20 To 40, Deduct	*-153.88*	
		For >40, Deduct	*-324.20*	
26 56 13 00-0200	EA	25' High, 4-1/2" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	2,877.48	518.38
		For Galvanized Finish, Add	*55.22*	
		For >10 To 20, Deduct	*-99.55*	
		For >20 To 40, Deduct	*-180.69*	
		For >40, Deduct	*-379.78*	
26 56 13 00-0201	EA	30' High, 4-1/2" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	3,165.28	583.18
		For Galvanized Finish, Add	*59.97*	
		For >10 To 20, Deduct	*-109.12*	
		For >20 To 40, Deduct	*-198.24*	
		For >40, Deduct	*-416.47*	
26 56 13 00-0202	EA	20' High, 5" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	2,615.24	388.78
		For Galvanized Finish, Add	*55.13*	
		For >10 To 20, Deduct	*-92.95*	
		For >20 To 40, Deduct	*-167.52*	
		For >40, Deduct	*-353.41*	
26 56 13 00-0203	EA	25' High, 5" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	2,917.03	518.38
		For Galvanized Finish, Add	*56.41*	
		For >10 To 20, Deduct	*-101.13*	
		For >20 To 40, Deduct	*-183.46*	
		For >40, Deduct	*-385.72*	
26 56 13 00-0204	EA	30' High, 5" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	3,241.34	583.18
		For Galvanized Finish, Add	*62.25*	
		For >10 To 20, Deduct	*-112.16*	
		For >20 To 40, Deduct	*-203.57*	
		For >40, Deduct	*-427.88*	

26 56 13 00-0205 Round Tapered, Steel Area Light Poles *(26 56 13 00-0178)*

26 56 13 00-0206 Round Tapered, Steel Area Light Poles, Anchor Base *(26 56 13 00-0205)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0207	EA	20' High, 5.90" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	3,302.85	388.78
		For Galvanized Finish, Add	*75.76*	
		For >10 To 20, Deduct	*-120.45*	
		For >20 To 40, Deduct	*-215.65*	
		For >40, Deduct	*-456.55*	
26 56 13 00-0208	EA	20' High, 6.50" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	3,397.16	388.78
		For Galvanized Finish, Add	*78.59*	
		For >10 To 20, Deduct	*-124.22*	
		For >20 To 40, Deduct	*-222.25*	
		For >40, Deduct	*-470.70*	
26 56 13 00-0209	EA	25' High, 5.90" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	3,863.24	518.38
		For Galvanized Finish, Add	*84.79*	
		For >10 To 20, Deduct	*-138.98*	
		For >20 To 40, Deduct	*-249.69*	
		For >40, Deduct	*-527.65*	
26 56 13 00-0210	EA	25' High, 7.00" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	4,057.96	518.38
		For Galvanized Finish, Add	*90.64*	
		For >10 To 20, Deduct	*-146.77*	
		For >20 To 40, Deduct	*-263.32*	
		For >40, Deduct	*-556.86*	
26 56 13 00-0211	EA	30' High, 6.60" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	4,297.08	583.18
		For Galvanized Finish, Add	*93.92*	
		For >10 To 20, Deduct	*-154.39*	
		For >20 To 40, Deduct	*-277.47*	
		For >40, Deduct	*-586.24*	
26 56 13 00-0212	EA	30' High, 8.00" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	4,622.63	583.18
		For Galvanized Finish, Add	*103.69*	
		For >10 To 20, Deduct	*-167.41*	
		For >20 To 40, Deduct	*-300.26*	
		For >40, Deduct	*-635.08*	
26 56 13 00-0213	EA	35' High, 7.30" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	4,754.37	615.58
		For Galvanized Finish, Add	*105.70*	
		For >10 To 20, Deduct	*-171.71*	
		For >20 To 40, Deduct	*-308.18*	
		For >40, Deduct	*-651.60*	
26 56 13 00-0214	EA	35' High, 8.50" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	4,955.18	615.58
		For Galvanized Finish, Add	*111.72*	
		For >10 To 20, Deduct	*-179.74*	
		For >20 To 40, Deduct	*-322.24*	
		For >40, Deduct	*-681.72*	
26 56 13 00-0215	EA	35' High, 9.50" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	5,435.89	615.58
		For Galvanized Finish, Add	*126.14*	
		For >10 To 20, Deduct	*-198.97*	
		For >20 To 40, Deduct	*-355.89*	
		For >40, Deduct	*-753.83*	
26 56 13 00-0216	EA	39' High, 7.82" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	5,464.17	647.98
		For Galvanized Finish, Add	*125.05*	
		For >10 To 20, Deduct	*-199.13*	
		For >20 To 40, Deduct	*-356.57*	
		For >40, Deduct	*-754.83*	
26 56 13 00-0217	EA	39' High, 9.00" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	5,549.36	647.98
		For Galvanized Finish, Add	*127.60*	
		For >10 To 20, Deduct	*-202.54*	
		For >20 To 40, Deduct	*-362.54*	
		For >40, Deduct	*-767.61*	
26 56 13 00-0218	EA	45' High, 10.00" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	7,578.05	842.37
		For Galvanized Finish, Add	*176.80*	
		For >10 To 20, Deduct	*-277.85*	
		For >20 To 40, Deduct	*-496.77*	
		For >40, Deduct	*-1,052.47*	
26 56 13 00-0219	EA	50' High, 10.00" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	7,818.99	971.97
		For Galvanized Finish, Add	*176.25*	
		For >10 To 20, Deduct	*-283.60*	
		For >20 To 40, Deduct	*-508.45*	
		For >40, Deduct	*-1,075.65*	
26 56 13 00-0220	EA	25' High, 7.00" Base OD, 7 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	5,378.40	518.38
		For Galvanized Finish, Add	*130.25*	
		For >10 To 20, Deduct	*-199.58*	
		For >20 To 40, Deduct	*-355.75*	
		For >40, Deduct	*-754.92*	
26 56 13 00-0221	EA	30' High, 8.00" Base OD, 7 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	6,110.41	583.18
		For Galvanized Finish, Add	*148.32*	
		For >10 To 20, Deduct	*-226.92*	
		For >20 To 40, Deduct	*-404.40*	
		For >40, Deduct	*-858.24*	
26 56 13 00-0222	EA	39' High, 9.00" Base OD, 7 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	7,104.07	647.98
		For Galvanized Finish, Add	*174.24*	
		For >10 To 20, Deduct	*-264.72*	
		For >20 To 40, Deduct	*-471.37*	
		For >40, Deduct	*-1,000.81*	
26 56 13 00-0223	EA	45' High, 10.00" Base OD, 7 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	8,527.31	842.37
		For Galvanized Finish, Add	*205.28*	
		For >10 To 20, Deduct	*-315.82*	
		For >20 To 40, Deduct	*-563.22*	
		For >40, Deduct	*-1,194.86*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0224	EA	50' High, 10.00" Base OD, 7 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	9,960.90	971.97
		For Galvanized Finish, Add	*240.51*	
		For >10 To 20, Deduct	*-369.28*	
		For >20 To 40, Deduct	*-658.38*	
		For >40, Deduct	*-1,396.94*	
26 56 13 00-0225	EA	50' High, 11.00" Base OD, 7 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	11,199.19	971.97
		For Galvanized Finish, Add	*277.66*	
		For >10 To 20, Deduct	*-418.81*	
		For >20 To 40, Deduct	*-745.06*	
		For >40, Deduct	*-1,582.68*	
26 56 13 00-0226	EA	50' High, 13.00" Base OD, 7 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	15,336.98	971.97
		For Galvanized Finish, Add	*401.79*	
		For >10 To 20, Deduct	*-584.32*	
		For >20 To 40, Deduct	*-1,034.71*	
		For >40, Deduct	*-2,203.35*	
26 56 13 00-0227	EA	50' High, 13.00" Base OD, 3 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	17,345.02	971.97
		For Galvanized Finish, Add	*462.03*	
		For >10 To 20, Deduct	*-664.64*	
		For >20 To 40, Deduct	*-1,175.27*	
		For >40, Deduct	*-2,504.56*	

26 56 13 00-0228 Square Straight, Steel Area Light Poles *(26 56 13 00-0178)*

26 56 13 00-0229 Square Straight, Steel Area Light Poles, Anchor Base *(26 56 13 00-0228)*

26 56 13 00-0230	EA	10' High, 4" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	1,527.59	226.79
		For Galvanized Finish, Add	*32.22*	
		For >10 To 20, Deduct	*-54.30*	
		For >20 To 40, Deduct	*-97.86*	
		For >40, Deduct	*-206.46*	
26 56 13 00-0231	EA	12' High, 4" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	1,592.38	259.19
		For Galvanized Finish, Add	*32.22*	
		For >10 To 20, Deduct	*-55.92*	
		For >20 To 40, Deduct	*-101.10*	
		For >40, Deduct	*-212.94*	
26 56 13 00-0232	EA	14' High, 4" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	1,708.90	291.60
		For Galvanized Finish, Add	*33.77*	
		For >10 To 20, Deduct	*-59.61*	
		For >20 To 40, Deduct	*-107.96*	
		For >40, Deduct	*-227.18*	
26 56 13 00-0233	EA	15' High, 4" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	1,814.32	307.79
		For Galvanized Finish, Add	*35.96*	
		For >10 To 20, Deduct	*-63.34*	
		For >20 To 40, Deduct	*-114.69*	
		For >40, Deduct	*-241.37*	
26 56 13 00-0234	EA	16' High, 4" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	1,846.72	323.99
		For Galvanized Finish, Add	*35.96*	
		For >10 To 20, Deduct	*-64.15*	
		For >20 To 40, Deduct	*-116.31*	
		For >40, Deduct	*-244.61*	
26 56 13 00-0235	EA	18' High, 4" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	1,944.99	356.39
		For Galvanized Finish, Add	*36.97*	
		For >10 To 20, Deduct	*-67.11*	
		For >20 To 40, Deduct	*-121.89*	
		For >40, Deduct	*-256.11*	
26 56 13 00-0236	EA	20' High, 4" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	2,037.17	388.78
		For Galvanized Finish, Add	*37.79*	
		For >10 To 20, Deduct	*-69.82*	
		For >20 To 40, Deduct	*-127.05*	
		For >40, Deduct	*-266.70*	
26 56 13 00-0237	EA	25' High, 4" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	2,478.91	518.38
		For Galvanized Finish, Add	*43.26*	
		For >10 To 20, Deduct	*-83.60*	
		For >20 To 40, Deduct	*-152.79*	
		For >40, Deduct	*-320.00*	
26 56 13 00-0238	EA	20' High, 5" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	2,447.91	388.78
		For Galvanized Finish, Add	*50.11*	
		For >10 To 20, Deduct	*-86.25*	
		For >20 To 40, Deduct	*-155.80*	
		For >40, Deduct	*-328.31*	
26 56 13 00-0239	EA	25' High, 5" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	3,044.81	518.38
		For Galvanized Finish, Add	*60.24*	
		For >10 To 20, Deduct	*-106.24*	
		For >20 To 40, Deduct	*-192.40*	
		For >40, Deduct	*-404.88*	
26 56 13 00-0240	EA	30' High, 5" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	3,506.03	583.18
		For Galvanized Finish, Add	*70.19*	
		For >10 To 20, Deduct	*-122.75*	
		For >20 To 40, Deduct	*-222.09*	
		For >40, Deduct	*-467.59*	
26 56 13 00-0241	EA	20' High, 4" OD, 7 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	2,335.33	388.78
		For Galvanized Finish, Add	*46.73*	
		For >10 To 20, Deduct	*-81.75*	
		For >20 To 40, Deduct	*-147.92*	
		For >40, Deduct	*-311.42*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0242	EA	25' High, 4" OD, 7 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	2,825.75	518.38
		For Galvanized Finish, Add	*53.67*	
		For >10 To 20, Deduct	*-97.48*	
		For >20 To 40, Deduct	*-177.07*	
		For >40, Deduct	*-372.02*	
26 56 13 00-0243	EA	30' High, 4" OD, 7 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	3,317.40	583.18
		For Galvanized Finish, Add	*64.53*	
		For >10 To 20, Deduct	*-115.20*	
		For >20 To 40, Deduct	*-208.89*	
		For >40, Deduct	*-439.29*	
26 56 13 00-0244	EA	20' High, 5" OD, 7 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	2,721.73	388.78
		For Galvanized Finish, Add	*58.32*	
		For >10 To 20, Deduct	*-97.21*	
		For >20 To 40, Deduct	*-174.97*	
		For >40, Deduct	*-369.38*	
26 56 13 00-0245	EA	25' High, 5" OD, 7 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	3,318.64	518.38
		For Galvanized Finish, Add	*68.46*	
		For >10 To 20, Deduct	*-117.19*	
		For >20 To 40, Deduct	*-211.57*	
		For >40, Deduct	*-445.96*	
26 56 13 00-0246	EA	30' High, 5" OD, 7 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	3,764.65	583.18
		For Galvanized Finish, Add	*77.95*	
		For >10 To 20, Deduct	*-133.09*	
		For >20 To 40, Deduct	*-240.20*	
		For >40, Deduct	*-506.38*	
26 56 13 00-0247	EA	35' High, 5" OD, 7 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	4,206.73	615.58
		For Galvanized Finish, Add	*89.27*	
		For >10 To 20, Deduct	*-149.80*	
		For >20 To 40, Deduct	*-269.85*	
		For >40, Deduct	*-569.45*	
26 56 13 00-0248	EA	30' High, 6" OD, 7 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	4,364.02	583.18
		For Galvanized Finish, Add	*95.93*	
		For >10 To 20, Deduct	*-157.07*	
		For >20 To 40, Deduct	*-282.15*	
		For >40, Deduct	*-596.29*	
26 56 13 00-0249	EA	35' High, 6" OD, 7 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	4,809.14	615.58
		For Galvanized Finish, Add	*107.34*	
		For >10 To 20, Deduct	*-173.90*	
		For >20 To 40, Deduct	*-312.02*	
		For >40, Deduct	*-659.81*	
26 56 13 00-0250	EA	40' High, 6" OD, 7 Gauge, Square Straight, Steel Area Light Pole, Anchor Base	5,089.94	647.98
		For Galvanized Finish, Add	*113.82*	
		For >10 To 20, Deduct	*-184.16*	
		For >20 To 40, Deduct	*-330.38*	
		For >40, Deduct	*-698.69*	

26 56 13 00-0251 Hinged, Square Straight, Steel Area Light Poles *(26 56 13 00-0178)*

26 56 13 00-0252 Hinged, Square Straight, Steel Area Light Poles, Anchor Base *(26 56 13 00-0251)*

26 56 13 00-0253	EA	20' High, 6.44" OD, 11 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	5,822.66	388.78
		For Galvanized Finish, Add	*151.35*	
		For >10 To 20, Deduct	*-221.24*	
		For >20 To 40, Deduct	*-392.03*	
		For >40, Deduct	*-834.52*	
26 56 13 00-0254	EA	25' High, 6.44" OD, 11 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	6,424.88	518.38
		For Galvanized Finish, Add	*161.64*	
		For >10 To 20, Deduct	*-241.44*	
		For >20 To 40, Deduct	*-429.01*	
		For >40, Deduct	*-911.89*	
26 56 13 00-0255	EA	30' High, 6.44" OD, 11 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	9,117.47	583.18
		For Galvanized Finish, Add	*238.53*	
		For >10 To 20, Deduct	*-347.20*	
		For >20 To 40, Deduct	*-614.90*	
		For >40, Deduct	*-1,309.30*	
26 56 13 00-0256	EA	20' High, 7.32" OD, 11 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	5,945.64	388.78
		For Galvanized Finish, Add	*155.04*	
		For >10 To 20, Deduct	*-226.16*	
		For >20 To 40, Deduct	*-400.64*	
		For >40, Deduct	*-852.97*	
26 56 13 00-0257	EA	25' High, 7.32" OD, 11 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	7,140.06	518.38
		For Galvanized Finish, Add	*183.10*	
		For >10 To 20, Deduct	*-270.05*	
		For >20 To 40, Deduct	*-479.07*	
		For >40, Deduct	*-1,019.17*	
26 56 13 00-0258	EA	30' High, 7.32" OD, 11 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	10,182.14	583.18
		For Galvanized Finish, Add	*270.47*	
		For >10 To 20, Deduct	*-389.79*	
		For >20 To 40, Deduct	*-689.42*	
		For >40, Deduct	*-1,469.00*	
26 56 13 00-0259	EA	35' High, 7.32" OD, 11 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	11,732.32	615.58
		For Galvanized Finish, Add	*315.03*	
		For >10 To 20, Deduct	*-450.83*	
		For >20 To 40, Deduct	*-796.64*	
		For >40, Deduct	*-1,698.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0260	EA	39' High, 7.32" OD, 11 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	13,858.51	647.98
		For Galvanized Finish, Add	*376.88*	
		For >10 To 20, Deduct	*-534.90*	
		For >20 To 40, Deduct	*-944.18*	
		For >40, Deduct	*-2,013.98*	
26 56 13 00-0261	EA	20' High, 4" OD, 7 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	5,628.50	388.78
		For Galvanized Finish, Add	*145.53*	
		For >10 To 20, Deduct	*-213.48*	
		For >20 To 40, Deduct	*-378.44*	
		For >40, Deduct	*-805.40*	
26 56 13 00-0262	EA	25' High, 4" OD, 7 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	6,114.22	518.38
		For Galvanized Finish, Add	*152.32*	
		For >10 To 20, Deduct	*-229.02*	
		For >20 To 40, Deduct	*-407.26*	
		For >40, Deduct	*-865.29*	
26 56 13 00-0263	EA	30' High, 4" OD, 7 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	8,570.56	583.18
		For Galvanized Finish, Add	*222.13*	
		For >10 To 20, Deduct	*-325.33*	
		For >20 To 40, Deduct	*-576.61*	
		For >40, Deduct	*-1,227.27*	
26 56 13 00-0264	EA	20' High, 6.44" OD, 7 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	5,851.79	388.78
		For Galvanized Finish, Add	*152.23*	
		For >10 To 20, Deduct	*-222.41*	
		For >20 To 40, Deduct	*-394.07*	
		For >40, Deduct	*-838.89*	
26 56 13 00-0265	EA	25' High, 6.44" OD, 7 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	6,848.81	518.38
		For Galvanized Finish, Add	*174.36*	
		For >10 To 20, Deduct	*-258.40*	
		For >20 To 40, Deduct	*-458.68*	
		For >40, Deduct	*-975.48*	
26 56 13 00-0266	EA	30' High, 6.44" OD, 7 Gauge, Hinged Square Straight, Steel Area Light Pole, Anchor Base	9,777.63	583.18
		For Galvanized Finish, Add	*258.34*	
		For >10 To 20, Deduct	*-373.61*	
		For >20 To 40, Deduct	*-661.11*	
		For >40, Deduct	*-1,408.33*	
26 56 13 00-0267	EA	20' High, 7.32" OD, 7 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	6,194.82	388.78
		For Galvanized Finish, Add	*162.52*	
		For >10 To 20, Deduct	*-236.13*	
		For >20 To 40, Deduct	*-418.09*	
		For >40, Deduct	*-890.34*	
26 56 13 00-0268	EA	25' High, 7.32" OD, 7 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	7,466.91	518.38
		For Galvanized Finish, Add	*192.90*	
		For >10 To 20, Deduct	*-283.12*	
		For >20 To 40, Deduct	*-501.95*	
		For >40, Deduct	*-1,068.20*	
26 56 13 00-0269	EA	30' High, 7.32" OD, 7 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	10,505.75	583.18
		For Galvanized Finish, Add	*280.18*	
		For >10 To 20, Deduct	*-402.73*	
		For >20 To 40, Deduct	*-712.08*	
		For >40, Deduct	*-1,517.54*	
26 56 13 00-0270	EA	35' High, 7.32" OD, 7 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	12,127.13	615.58
		For Galvanized Finish, Add	*326.88*	
		For >10 To 20, Deduct	*-466.62*	
		For >20 To 40, Deduct	*-824.28*	
		For >40, Deduct	*-1,757.51*	
26 56 13 00-0271	EA	39' High, 7.32" OD, 7 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	14,068.86	647.98
		For Galvanized Finish, Add	*383.19*	
		For >10 To 20, Deduct	*-543.32*	
		For >20 To 40, Deduct	*-958.90*	
		For >40, Deduct	*-2,045.53*	

26 56 13 00-0272 Square Tapered, Steel Area Light Poles *(26 56 13 00-0178)*

26 56 13 00-0273 Square Tapered, Steel Area Light Poles, Anchor Base *(26 56 13 00-0272)*

26 56 13 00-0274	EA	20' High, 5.25" Base OD, 11 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base	4,328.17	388.78
		For Galvanized Finish, Add	*106.52*	
		For >10 To 20, Deduct	*-161.46*	
		For >20 To 40, Deduct	*-287.42*	
		For >40, Deduct	*-610.35*	
26 56 13 00-0275	EA	25' High, 6.00" Base OD, 11 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base	5,214.11	518.38
		For Galvanized Finish, Add	*125.32*	
		For >10 To 20, Deduct	*-193.01*	
		For >20 To 40, Deduct	*-344.25*	
		For >40, Deduct	*-730.28*	
26 56 13 00-0276	EA	30' High, 6.41" Base OD, 11 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base	5,797.03	583.18
		For Galvanized Finish, Add	*138.92*	
		For >10 To 20, Deduct	*-214.39*	
		For >20 To 40, Deduct	*-382.46*	
		For >40, Deduct	*-811.24*	
26 56 13 00-0277	EA	35' High, 6.81" Base OD, 11 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base	6,461.21	615.58
		For Galvanized Finish, Add	*156.90*	
		For >10 To 20, Deduct	*-239.98*	
		For >20 To 40, Deduct	*-427.66*	
		For >40, Deduct	*-907.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0278	EA	39' High, 7.18" Base OD, 11 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base	6,811.99	647.98
		For Galvanized Finish, Add	*165.48*	
		For >10 To 20, Deduct	*-253.04*	
		For >20 To 40, Deduct	*-450.92*	
		For >40, Deduct	*-957.00*	
26 56 13 00-0279	EA	20' High, 5.50" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base	5,694.24	388.78
		For Galvanized Finish, Add	*147.50*	
		For >10 To 20, Deduct	*-216.11*	
		For >20 To 40, Deduct	*-383.05*	
		For >40, Deduct	*-815.26*	
26 56 13 00-0280	EA	25' High, 6.41" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base	6,285.07	518.38
		For Galvanized Finish, Add	*157.45*	
		For >10 To 20, Deduct	*-235.85*	
		For >20 To 40, Deduct	*-419.22*	
		For >40, Deduct	*-890.92*	
26 56 13 00-0281	EA	30' High, 6.41" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base	6,673.27	583.18
		For Galvanized Finish, Add	*165.21*	
		For >10 To 20, Deduct	*-249.44*	
		For >20 To 40, Deduct	*-443.80*	
		For >40, Deduct	*-942.67*	
26 56 13 00-0282	EA	30' High, 7.13" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base	7,476.48	583.18
		For Galvanized Finish, Add	*189.30*	
		For >10 To 20, Deduct	*-281.56*	
		For >20 To 40, Deduct	*-500.03*	
		For >40, Deduct	*-1,063.15*	
26 56 13 00-0283	EA	35' High, 7.13" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base	8,119.37	615.58
		For Galvanized Finish, Add	*206.65*	
		For >10 To 20, Deduct	*-306.31*	
		For >20 To 40, Deduct	*-543.73*	
		For >40, Deduct	*-1,156.35*	
26 56 13 00-0284	EA	35' High, 7.88" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base	9,114.26	615.58
		For Galvanized Finish, Add	*236.49*	
		For >10 To 20, Deduct	*-346.10*	
		For >20 To 40, Deduct	*-613.37*	
		For >40, Deduct	*-1,305.58*	
26 56 13 00-0285	EA	39' High, 7.13" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base	8,229.79	647.98
		For Galvanized Finish, Add	*208.01*	
		For >10 To 20, Deduct	*-309.75*	
		For >20 To 40, Deduct	*-550.17*	
		For >40, Deduct	*-1,169.67*	
26 56 13 00-0286	EA	39' High, 8.75" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base	10,679.00	647.98
		For Galvanized Finish, Add	*281.49*	
		For >10 To 20, Deduct	*-407.72*	
		For >20 To 40, Deduct	*-721.61*	
		For >40, Deduct	*-1,537.05*	
26 56 13 00-0287	EA	45' High, 7.88" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base	9,649.99	842.37
		For Galvanized Finish, Add	*238.96*	
		For >10 To 20, Deduct	*-360.73*	
		For >20 To 40, Deduct	*-641.80*	
		For >40, Deduct	*-1,363.26*	
26 56 13 00-0288	EA	45' High, 8.75" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base	11,320.32	842.37
		For Galvanized Finish, Add	*289.07*	
		For >10 To 20, Deduct	*-427.54*	
		For >20 To 40, Deduct	*-758.73*	
		For >40, Deduct	*-1,613.81*	
26 56 13 00-0289	EA	50' High, 8.81" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base	11,664.70	971.97
		For Galvanized Finish, Add	*291.62*	
		For >10 To 20, Deduct	*-437.43*	
		For >20 To 40, Deduct	*-777.65*	
		For >40, Deduct	*-1,652.51*	

26 56 13 00-0290 Factory Accessories For Steel Area Light Poles *(26 56 13 00-0178)*

26 56 13 00-0291	EA	1/2", 3/4" Or 1" Factory Threaded Pipe Coupling Or Nipple For Steel Area Light Poles	107.87
26 56 13 00-0292	EA	Extra Handhole For Steel Area Light Poles	160.42
26 56 13 00-0293	EA	Vibration Dampener For Steel Area Light Poles	163.19

26 56 13 00-0294 Aluminum Area Light Poles *(26 56 13 00-0177)*

Note: Includes satin brushed or painted finish, anchor bolts, base cover, reinforced handhole with cover and grounding provisions, factory drilled fixture mounting holes and tenon, open or capped top.

26 56 13 00-0295 Round Straight, Aluminum Area Light Poles *(26 56 13 00-0294)*

26 56 13 00-0296 Round Straight, Aluminum Area Light Poles, Anchor Base *(26 56 13 00-0295)*

26 56 13 00-0297	EA	8' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Anchor Base	840.86	194.40
		For Bronze Or Satin Anodized Finish, Add	*45.21*	
		For Black Anodized Finish, Add	*90.42*	
		For >10 To 20, Deduct	*-27.80*	
		For >20 To 40, Deduct	*-51.08*	
		For >40, Deduct	*-106.69*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0298	EA	10' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Anchor Base	928.85	226.79
		For Bronze Or Satin Anodized Finish, Add	*47.53*	
		For Black Anodized Finish, Add	*95.05*	
		For >10 To 20, Deduct	*-30.35*	
		For >20 To 40, Deduct	*-55.95*	
		For >40, Deduct	*-116.65*	
26 56 13 00-0299	EA	12' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Anchor Base	1,022.62	259.19
		For Bronze Or Satin Anodized Finish, Add	*50.42*	
		For Black Anodized Finish, Add	*100.85*	
		For >10 To 20, Deduct	*-33.13*	
		For >20 To 40, Deduct	*-61.22*	
		For >40, Deduct	*-127.47*	
26 56 13 00-0300	EA	14' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Anchor Base	1,117.56	291.60
		For Bronze Or Satin Anodized Finish, Add	*53.44*	
		For Black Anodized Finish, Add	*106.88*	
		For >10 To 20, Deduct	*-35.95*	
		For >20 To 40, Deduct	*-66.57*	
		For >40, Deduct	*-138.48*	
26 56 13 00-0301	EA	15' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Anchor Base	1,169.67	307.79
		For Bronze Or Satin Anodized Finish, Add	*55.41*	
		For Black Anodized Finish, Add	*110.82*	
		For >10 To 20, Deduct	*-37.55*	
		For >20 To 40, Deduct	*-69.57*	
		For >40, Deduct	*-144.67*	
26 56 13 00-0302	EA	16' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Anchor Base	1,220.61	323.99
		For Bronze Or Satin Anodized Finish, Add	*57.26*	
		For Black Anodized Finish, Add	*114.53*	
		For >10 To 20, Deduct	*-39.10*	
		For >20 To 40, Deduct	*-72.48*	
		For >40, Deduct	*-150.69*	
26 56 13 00-0303	EA	16' High, 4" OD, 0.188", Round Straight, Aluminum Area Light Pole, Anchor Base	1,290.17	323.99
		For Bronze Or Satin Anodized Finish, Add	*64.22*	
		For Black Anodized Finish, Add	*128.44*	
		For >10 To 20, Deduct	*-41.89*	
		For >20 To 40, Deduct	*-77.35*	
		For >40, Deduct	*-161.13*	
26 56 13 00-0304	EA	18' High, 4" OD, 0.188", Round Straight, Aluminum Area Light Pole, Anchor Base	1,399.01	356.39
		For Bronze Or Satin Anodized Finish, Add	*68.62*	
		For Black Anodized Finish, Add	*137.25*	
		For >10 To 20, Deduct	*-45.27*	
		For >20 To 40, Deduct	*-83.68*	
		For >40, Deduct	*-174.21*	
26 56 13 00-0305	EA	20' High, 4" OD, 0.188", Round Straight, Aluminum Area Light Pole, Anchor Base	1,500.91	388.78
		For Bronze Or Satin Anodized Finish, Add	*72.33*	
		For Black Anodized Finish, Add	*144.67*	
		For >10 To 20, Deduct	*-48.37*	
		For >20 To 40, Deduct	*-89.51*	
		For >40, Deduct	*-186.26*	
26 56 13 00-0306	EA	15' High, 5" OD, 0.188", Round Straight, Aluminum Area Light Pole, Anchor Base	1,425.85	307.79
		For Bronze Or Satin Anodized Finish, Add	*81.03*	
		For Black Anodized Finish, Add	*162.05*	
		For >10 To 20, Deduct	*-47.80*	
		For >20 To 40, Deduct	*-87.50*	
		For >40, Deduct	*-183.10*	
26 56 13 00-0307	EA	20' High, 5" OD, 0.188", Round Straight, Aluminum Area Light Pole, Anchor Base	1,757.09	388.78
		For Bronze Or Satin Anodized Finish, Add	*97.95*	
		For Black Anodized Finish, Add	*195.90*	
		For >10 To 20, Deduct	*-58.62*	
		For >20 To 40, Deduct	*-107.44*	
		For >40, Deduct	*-224.68*	
26 56 13 00-0308	EA	20' High, 6" OD, 0.188", Round Straight, Aluminum Area Light Pole, Anchor Base	1,886.92	388.78
		For Bronze Or Satin Anodized Finish, Add	*110.93*	
		For Black Anodized Finish, Add	*221.87*	
		For >10 To 20, Deduct	*-63.81*	
		For >20 To 40, Deduct	*-116.53*	
		For >40, Deduct	*-244.16*	
26 56 13 00-0309	EA	25' High, 6" OD, 0.188", Round Straight, Aluminum Area Light Pole, Anchor Base	2,267.82	518.38
		For Bronze Or Satin Anodized Finish, Add	*123.11*	
		For Black Anodized Finish, Add	*246.21*	
		For >10 To 20, Deduct	*-75.16*	
		For >20 To 40, Deduct	*-138.01*	
		For >40, Deduct	*-288.33*	
26 56 13 00-0310	EA	30' High, 6" OD, 0.188", Round Straight, Aluminum Area Light Pole, Anchor Base	2,628.09	583.18
		For Bronze Or Satin Anodized Finish, Add	*146.17*	
		For Black Anodized Finish, Add	*292.35*	
		For >10 To 20, Deduct	*-87.63*	
		For >20 To 40, Deduct	*-160.64*	
		For >40, Deduct	*-335.90*	
26 56 13 00-0311	EA	20' High, 4" OD, 0.250", Round Straight, Aluminum Area Light Pole, Anchor Base	1,580.89	388.78
		For Bronze Or Satin Anodized Finish, Add	*80.33*	
		For Black Anodized Finish, Add	*160.66*	
		For >10 To 20, Deduct	*-51.57*	
		For >20 To 40, Deduct	*-95.11*	
		For >40, Deduct	*-198.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0312	EA	20' High, 5" OD, 0.250", Round Straight, Aluminum Area Light Pole, Anchor Base	1,876.48	388.78
		For Bronze Or Satin Anodized Finish, Add	*109.89*	
		For Black Anodized Finish, Add	*219.78*	
		For >10 To 20, Deduct	*-63.40*	
		For >20 To 40, Deduct	*-115.80*	
		For >40, Deduct	*-242.59*	
26 56 13 00-0313	EA	25' High, 5" OD, 0.250", Round Straight, Aluminum Area Light Pole, Anchor Base	2,249.27	518.38
		For Bronze Or Satin Anodized Finish, Add	*121.25*	
		For Black Anodized Finish, Add	*242.50*	
		For >10 To 20, Deduct	*-74.42*	
		For >20 To 40, Deduct	*-136.71*	
		For >40, Deduct	*-285.55*	
26 56 13 00-0314	EA	25' High, 6" OD, 0.250", Round Straight, Aluminum Area Light Pole, Anchor Base	2,417.35	518.38
		For Bronze Or Satin Anodized Finish, Add	*138.06*	
		For Black Anodized Finish, Add	*276.12*	
		For >10 To 20, Deduct	*-81.14*	
		For >20 To 40, Deduct	*-148.48*	
		For >40, Deduct	*-310.76*	
26 56 13 00-0315	EA	30' High, 6" OD, 0.250", Round Straight, Aluminum Area Light Pole, Anchor Base	2,818.19	583.18
		For Bronze Or Satin Anodized Finish, Add	*165.18*	
		For Black Anodized Finish, Add	*330.37*	
		For >10 To 20, Deduct	*-95.23*	
		For >20 To 40, Deduct	*-173.95*	
		For >40, Deduct	*-364.41*	

26 56 13 00-0316 Round Straight, Aluminum Area Light Poles, Hinged Anchor Base *(26 56 13 00-0295)*

26 56 13 00-0317	EA	8' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	959.10	194.40
		For Bronze, Satin Or Black Anodized Finish, Add	*85.55*	
		For >10 To 20, Deduct	*-32.53*	
		For >20 To 40, Deduct	*-59.36*	
		For >40, Deduct	*-124.43*	
26 56 13 00-0318	EA	10' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,070.27	226.79
		For Bronze, Satin Or Black Anodized Finish, Add	*92.50*	
		For >10 To 20, Deduct	*-36.01*	
		For >20 To 40, Deduct	*-65.85*	
		For >40, Deduct	*-137.86*	
26 56 13 00-0319	EA	12' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,176.79	259.19
		For Bronze, Satin Or Black Anodized Finish, Add	*98.76*	
		For >10 To 20, Deduct	*-39.30*	
		For >20 To 40, Deduct	*-72.01*	
		For >40, Deduct	*-150.60*	
26 56 13 00-0320	EA	14' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,261.30	291.60
		For Bronze, Satin Or Black Anodized Finish, Add	*101.72*	
		For >10 To 20, Deduct	*-41.70*	
		For >20 To 40, Deduct	*-76.63*	
		For >40, Deduct	*-160.04*	
26 56 13 00-0321	EA	16' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,359.72	323.99
		For Bronze, Satin Or Black Anodized Finish, Add	*106.76*	
		For >10 To 20, Deduct	*-44.67*	
		For >20 To 40, Deduct	*-82.22*	
		For >40, Deduct	*-171.56*	
26 56 13 00-0322	EA	10' High, 5" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,094.62	226.79
		For Bronze, Satin Or Black Anodized Finish, Add	*96.15*	
		For >10 To 20, Deduct	*-36.98*	
		For >20 To 40, Deduct	*-67.55*	
		For >40, Deduct	*-141.51*	
26 56 13 00-0323	EA	12' High, 5" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,198.82	259.19
		For Bronze, Satin Or Black Anodized Finish, Add	*102.07*	
		For >10 To 20, Deduct	*-40.18*	
		For >20 To 40, Deduct	*-73.55*	
		For >40, Deduct	*-153.90*	
26 56 13 00-0324	EA	14' High, 5" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,306.51	291.60
		For Bronze, Satin Or Black Anodized Finish, Add	*108.50*	
		For >10 To 20, Deduct	*-43.51*	
		For >20 To 40, Deduct	*-79.79*	
		For >40, Deduct	*-166.82*	
26 56 13 00-0325	EA	16' High, 5" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,413.04	323.99
		For Bronze, Satin Or Black Anodized Finish, Add	*114.76*	
		For >10 To 20, Deduct	*-46.80*	
		For >20 To 40, Deduct	*-85.95*	
		For >40, Deduct	*-179.56*	
26 56 13 00-0326	EA	18' High, 5" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,525.37	356.39
		For Bronze, Satin Or Black Anodized Finish, Add	*121.89*	
		For >10 To 20, Deduct	*-50.32*	
		For >20 To 40, Deduct	*-92.52*	
		For >40, Deduct	*-193.17*	
26 56 13 00-0327	EA	20' High, 5" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,630.74	388.78
		For Bronze, Satin Or Black Anodized Finish, Add	*127.97*	
		For >10 To 20, Deduct	*-53.57*	
		For >20 To 40, Deduct	*-98.60*	
		For >40, Deduct	*-205.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0328	EA	12' High, 5" OD, 0.156", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,244.03	259.19
		For Bronze, Satin Or Black Anodized Finish, Add	*108.85*	
		For >10 To 20, Deduct	*-41.99*	
		For >20 To 40, Deduct	*-76.71*	
		For >40, Deduct	*-160.69*	
26 56 13 00-0329	EA	14' High, 5" OD, 0.156", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,359.83	291.60
		For Bronze, Satin Or Black Anodized Finish, Add	*116.50*	
		For >10 To 20, Deduct	*-45.65*	
		For >20 To 40, Deduct	*-83.52*	
		For >40, Deduct	*-174.82*	
26 56 13 00-0330	EA	16' High, 5" OD, 0.156", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,474.48	323.99
		For Bronze, Satin Or Black Anodized Finish, Add	*123.98*	
		For >10 To 20, Deduct	*-49.26*	
		For >20 To 40, Deduct	*-90.25*	
		For >40, Deduct	*-188.77*	
26 56 13 00-0331	EA	18' High, 5" OD, 0.156", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,591.44	356.39
		For Bronze, Satin Or Black Anodized Finish, Add	*131.80*	
		For >10 To 20, Deduct	*-52.97*	
		For >20 To 40, Deduct	*-97.15*	
		For >40, Deduct	*-203.08*	
26 56 13 00-0332	EA	16' High, 6" OD, 0.156", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,539.39	323.99
		For Bronze, Satin Or Black Anodized Finish, Add	*133.71*	
		For >10 To 20, Deduct	*-51.86*	
		For >20 To 40, Deduct	*-94.80*	
		For >40, Deduct	*-198.51*	
26 56 13 00-0333	EA	20' High, 6" OD, 0.156", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,782.59	388.78
		For Bronze, Satin Or Black Anodized Finish, Add	*150.75*	
		For >10 To 20, Deduct	*-59.64*	
		For >20 To 40, Deduct	*-109.23*	
		For >40, Deduct	*-228.51*	
26 56 13 00-0334	EA	12' High, 5" OD, 0.188", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,286.92	259.19
		For Bronze, Satin Or Black Anodized Finish, Add	*115.28*	
		For >10 To 20, Deduct	*-43.70*	
		For >20 To 40, Deduct	*-79.72*	
		For >40, Deduct	*-167.12*	
26 56 13 00-0335	EA	14' High, 5" OD, 0.188", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,415.47	291.60
		For Bronze, Satin Or Black Anodized Finish, Add	*124.84*	
		For >10 To 20, Deduct	*-47.87*	
		For >20 To 40, Deduct	*-87.42*	
		For >40, Deduct	*-183.16*	
26 56 13 00-0336	EA	16' High, 5" OD, 0.188", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,532.43	323.99
		For Bronze, Satin Or Black Anodized Finish, Add	*132.67*	
		For >10 To 20, Deduct	*-51.58*	
		For >20 To 40, Deduct	*-94.31*	
		For >40, Deduct	*-197.47*	
26 56 13 00-0337	EA	18' High, 5" OD, 0.188", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,656.35	356.39
		For Bronze, Satin Or Black Anodized Finish, Add	*141.54*	
		For >10 To 20, Deduct	*-55.56*	
		For >20 To 40, Deduct	*-101.69*	
		For >40, Deduct	*-212.81*	
26 56 13 00-0338	EA	20' High, 5" OD, 0.188", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,776.79	388.78
		For Bronze, Satin Or Black Anodized Finish, Add	*149.88*	
		For >10 To 20, Deduct	*-59.41*	
		For >20 To 40, Deduct	*-108.82*	
		For >40, Deduct	*-227.64*	
26 56 13 00-0339	EA	16' High, 6" OD, 0.188", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,617.05	323.99
		For Bronze, Satin Or Black Anodized Finish, Add	*145.36*	
		For >10 To 20, Deduct	*-54.96*	
		For >20 To 40, Deduct	*-100.23*	
		For >40, Deduct	*-210.16*	
26 56 13 00-0340	EA	18' High, 6" OD, 0.188", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,751.41	356.39
		For Bronze, Satin Or Black Anodized Finish, Add	*155.79*	
		For >10 To 20, Deduct	*-59.36*	
		For >20 To 40, Deduct	*-108.34*	
		For >40, Deduct	*-227.07*	
26 56 13 00-0341	EA	20' High, 6" OD, 0.188", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,812.73	388.78
		For Bronze, Satin Or Black Anodized Finish, Add	*155.27*	
		For >10 To 20, Deduct	*-60.85*	
		For >20 To 40, Deduct	*-111.34*	
		For >40, Deduct	*-233.03*	

26 56 13 00-0342 Round Straight, Aluminum Area Light Poles, Direct Burial *(26 56 13 00-0295)*

Note: Includes rubberized undercoating on embedded portion.

26 56 13 00-0343	EA	10' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Direct Burial	750.57	161.99
		For Bronze Or Satin Anodized Finish, Add	*42.66*	
		For Black Anodized Finish, Add	*85.32*	
		For >10 To 20, Deduct	*-25.16*	
		For >20 To 40, Deduct	*-46.06*	
		For >40, Deduct	*-96.39*	
26 56 13 00-0344	EA	12' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Direct Burial	804.99	178.19
		For Bronze Or Satin Anodized Finish, Add	*44.86*	
		For Black Anodized Finish, Add	*89.72*	
		For >10 To 20, Deduct	*-26.85*	
		For >20 To 40, Deduct	*-49.22*	
		For >40, Deduct	*-102.93*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0345	EA	14' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Direct Burial	889.55	194.40
		For Bronze Or Satin Anodized Finish, Add	*50.08*	
		For Black Anodized Finish, Add	*100.15*	
		For >10 To 20, Deduct	*-29.75*	
		For >20 To 40, Deduct	*-54.49*	
		For >40, Deduct	*-113.99*	
26 56 13 00-0346	EA	15' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Direct Burial	916.21	194.40
		For Bronze Or Satin Anodized Finish, Add	*52.74*	
		For Black Anodized Finish, Add	*105.49*	
		For >10 To 20, Deduct	*-30.82*	
		For >20 To 40, Deduct	*-56.36*	
		For >40, Deduct	*-117.99*	
26 56 13 00-0347	EA	16' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Direct Burial	949.82	194.40
		For Bronze Or Satin Anodized Finish, Add	*56.10*	
		For Black Anodized Finish, Add	*112.21*	
		For >10 To 20, Deduct	*-32.16*	
		For >20 To 40, Deduct	*-58.71*	
		For >40, Deduct	*-123.03*	
26 56 13 00-0348	EA	18' High, 4" OD, 0.188", Round Straight, Aluminum Area Light Pole, Direct Burial	1,084.24	210.59
		For Bronze Or Satin Anodized Finish, Add	*66.31*	
		For Black Anodized Finish, Add	*132.61*	
		For >10 To 20, Deduct	*-37.05*	
		For >20 To 40, Deduct	*-67.47*	
		For >40, Deduct	*-141.58*	
26 56 13 00-0349	EA	20' High, 4" OD, 0.188", Round Straight, Aluminum Area Light Pole, Direct Burial	1,159.53	226.79
		For Bronze Or Satin Anodized Finish, Add	*70.59*	
		For Black Anodized Finish, Add	*141.19*	
		For >10 To 20, Deduct	*-39.58*	
		For >20 To 40, Deduct	*-72.10*	
		For >40, Deduct	*-151.25*	
26 56 13 00-0350	EA	20' High, 5" OD, 0.188", Round Straight, Aluminum Area Light Pole, Direct Burial	1,339.20	226.79
		For Bronze Or Satin Anodized Finish, Add	*88.56*	
		For Black Anodized Finish, Add	*177.12*	
		For >10 To 20, Deduct	*-46.76*	
		For >20 To 40, Deduct	*-84.67*	
		For >40, Deduct	*-178.20*	
26 56 13 00-0351	EA	25' High, 6" OD, 0.188", Round Straight, Aluminum Area Light Pole, Direct Burial	1,634.67	259.19
		For Bronze Or Satin Anodized Finish, Add	*111.63*	
		For Black Anodized Finish, Add	*223.26*	
		For >10 To 20, Deduct	*-57.61*	
		For >20 To 40, Deduct	*-104.06*	
		For >40, Deduct	*-219.28*	
26 56 13 00-0352	EA	30' High, 6" OD, 0.188", Round Straight, Aluminum Area Light Pole, Direct Burial	1,854.80	291.60
		For Bronze Or Satin Anodized Finish, Add	*127.16*	
		For Black Anodized Finish, Add	*254.32*	
		For >10 To 20, Deduct	*-65.44*	
		For >20 To 40, Deduct	*-118.17*	
		For >40, Deduct	*-249.06*	
26 56 13 00-0353	EA	30' High, 6" OD, 0.250", Round Straight, Aluminum Area Light Pole, Direct Burial	2,066.93	291.60
		For Bronze Or Satin Anodized Finish, Add	*148.38*	
		For Black Anodized Finish, Add	*296.75*	
		For >10 To 20, Deduct	*-73.93*	
		For >20 To 40, Deduct	*-133.02*	
		For >40, Deduct	*-280.88*	

26 56 13 00-0354 Round Tapered, Aluminum Area Light Poles *(26 56 13 00-0294)*

26 56 13 00-0355 Round Tapered, Aluminum Area Light Poles, Anchor Base *(26 56 13 00-0354)*

26 56 13 00-0356	EA	8' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Anchor Base	716.83	194.40
		For Bronze Or Satin Anodized Finish, Add	*32.81*	
		For Black Anodized Finish, Add	*65.61*	
		For >10 To 20, Deduct	*-22.84*	
		For >20 To 40, Deduct	*-42.40*	
		For >40, Deduct	*-88.09*	
26 56 13 00-0357	EA	10' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Anchor Base	808.30	226.79
		For Bronze Or Satin Anodized Finish, Add	*35.47*	
		For Black Anodized Finish, Add	*70.94*	
		For >10 To 20, Deduct	*-25.53*	
		For >20 To 40, Deduct	*-47.51*	
		For >40, Deduct	*-98.57*	
26 56 13 00-0358	EA	12' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Anchor Base	899.75	259.19
		For Bronze Or Satin Anodized Finish, Add	*38.14*	
		For Black Anodized Finish, Add	*76.27*	
		For >10 To 20, Deduct	*-28.21*	
		For >20 To 40, Deduct	*-52.61*	
		For >40, Deduct	*-109.04*	
26 56 13 00-0359	EA	14' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,001.64	291.60
		For Bronze Or Satin Anodized Finish, Add	*41.85*	
		For Black Anodized Finish, Add	*83.69*	
		For >10 To 20, Deduct	*-31.32*	
		For >20 To 40, Deduct	*-58.45*	
		For >40, Deduct	*-121.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0360	EA	16' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,102.38	323.99
		For Bronze Or Satin Anodized Finish, Add	*45.44*	
		For Black Anodized Finish, Add	*90.88*	
		For >10 To 20, Deduct	*-34.38*	
		For >20 To 40, Deduct	*-64.21*	
		For >40, Deduct	*-132.96*	
26 56 13 00-0361	EA	10' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Anchor Base	838.44	226.79
		For Bronze Or Satin Anodized Finish, Add	*38.49*	
		For Black Anodized Finish, Add	*76.97*	
		For >10 To 20, Deduct	*-26.73*	
		For >20 To 40, Deduct	*-49.62*	
		For >40, Deduct	*-103.09*	
26 56 13 00-0362	EA	12' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Anchor Base	947.28	259.19
		For Bronze Or Satin Anodized Finish, Add	*42.89*	
		For Black Anodized Finish, Add	*85.78*	
		For >10 To 20, Deduct	*-30.12*	
		For >20 To 40, Deduct	*-55.94*	
		For >40, Deduct	*-116.17*	
26 56 13 00-0363	EA	14' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,052.65	291.60
		For Bronze Or Satin Anodized Finish, Add	*46.95*	
		For Black Anodized Finish, Add	*93.89*	
		For >10 To 20, Deduct	*-33.36*	
		For >20 To 40, Deduct	*-62.02*	
		For >40, Deduct	*-128.74*	
26 56 13 00-0364	EA	18' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,255.28	356.39
		For Bronze Or Satin Anodized Finish, Add	*54.25*	
		For Black Anodized Finish, Add	*108.50*	
		For >10 To 20, Deduct	*-39.52*	
		For >20 To 40, Deduct	*-73.61*	
		For >40, Deduct	*-152.65*	
26 56 13 00-0365	EA	20' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,349.06	388.78
		For Bronze Or Satin Anodized Finish, Add	*57.15*	
		For Black Anodized Finish, Add	*114.30*	
		For >10 To 20, Deduct	*-42.30*	
		For >20 To 40, Deduct	*-78.88*	
		For >40, Deduct	*-163.48*	
26 56 13 00-0366	EA	12' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	990.17	259.19
		For Bronze Or Satin Anodized Finish, Add	*47.18*	
		For Black Anodized Finish, Add	*94.36*	
		For >10 To 20, Deduct	*-31.83*	
		For >20 To 40, Deduct	*-58.94*	
		For >40, Deduct	*-122.61*	
26 56 13 00-0367	EA	14' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,102.49	291.60
		For Bronze Or Satin Anodized Finish, Add	*51.93*	
		For Black Anodized Finish, Add	*103.86*	
		For >10 To 20, Deduct	*-35.35*	
		For >20 To 40, Deduct	*-65.51*	
		For >40, Deduct	*-136.21*	
26 56 13 00-0368	EA	16' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,222.93	323.99
		For Bronze Or Satin Anodized Finish, Add	*57.50*	
		For Black Anodized Finish, Add	*114.99*	
		For >10 To 20, Deduct	*-39.20*	
		For >20 To 40, Deduct	*-72.65*	
		For >40, Deduct	*-151.04*	
26 56 13 00-0369	EA	18' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,322.51	356.39
		For Bronze Or Satin Anodized Finish, Add	*60.97*	
		For Black Anodized Finish, Add	*121.95*	
		For >10 To 20, Deduct	*-42.21*	
		For >20 To 40, Deduct	*-78.32*	
		For >40, Deduct	*-162.74*	
26 56 13 00-0370	EA	20' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,438.31	388.78
		For Bronze Or Satin Anodized Finish, Add	*66.07*	
		For Black Anodized Finish, Add	*132.15*	
		For >10 To 20, Deduct	*-45.87*	
		For >20 To 40, Deduct	*-85.13*	
		For >40, Deduct	*-176.87*	
26 56 13 00-0371	EA	16' High, 6" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,336.53	323.99
		For Bronze Or Satin Anodized Finish, Add	*68.86*	
		For Black Anodized Finish, Add	*137.71*	
		For >10 To 20, Deduct	*-43.74*	
		For >20 To 40, Deduct	*-80.60*	
		For >40, Deduct	*-168.08*	
26 56 13 00-0372	EA	18' High, 6" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,467.41	356.39
		For Bronze Or Satin Anodized Finish, Add	*75.46*	
		For Black Anodized Finish, Add	*150.93*	
		For >10 To 20, Deduct	*-48.00*	
		For >20 To 40, Deduct	*-88.46*	
		For >40, Deduct	*-184.47*	
26 56 13 00-0373	EA	20' High, 6" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,550.75	388.78
		For Bronze Or Satin Anodized Finish, Add	*77.32*	
		For Black Anodized Finish, Add	*154.63*	
		For >10 To 20, Deduct	*-50.37*	
		For >20 To 40, Deduct	*-93.00*	
		For >40, Deduct	*-193.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0374	EA	23' High, 6" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,783.51	453.59
		For Bronze Or Satin Anodized Finish, Add	*87.63*	
		For Black Anodized Finish, Add	*175.27*	
		For >10 To 20, Deduct	*-57.73*	
		For >20 To 40, Deduct	*-106.70*	
		For >40, Deduct	*-222.17*	
26 56 13 00-0375	EA	25' High, 6" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,023.23	518.38
		For Bronze Or Satin Anodized Finish, Add	*98.65*	
		For Black Anodized Finish, Add	*197.29*	
		For >10 To 20, Deduct	*-65.38*	
		For >20 To 40, Deduct	*-120.89*	
		For >40, Deduct	*-251.65*	
26 56 13 00-0376	EA	18' High, 7" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,581.01	356.39
		For Bronze Or Satin Anodized Finish, Add	*86.82*	
		For Black Anodized Finish, Add	*173.65*	
		For >10 To 20, Deduct	*-52.55*	
		For >20 To 40, Deduct	*-96.42*	
		For >40, Deduct	*-201.51*	
26 56 13 00-0377	EA	20' High, 7" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,688.70	388.78
		For Bronze Or Satin Anodized Finish, Add	*91.11*	
		For Black Anodized Finish, Add	*182.22*	
		For >10 To 20, Deduct	*-55.88*	
		For >20 To 40, Deduct	*-102.66*	
		For >40, Deduct	*-214.43*	
26 56 13 00-0378	EA	23' High, 7" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,892.47	453.59
		For Bronze Or Satin Anodized Finish, Add	*98.53*	
		For Black Anodized Finish, Add	*197.06*	
		For >10 To 20, Deduct	*-62.09*	
		For >20 To 40, Deduct	*-114.33*	
		For >40, Deduct	*-238.51*	
26 56 13 00-0379	EA	25' High, 7" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,106.69	518.38
		For Bronze Or Satin Anodized Finish, Add	*106.99*	
		For Black Anodized Finish, Add	*213.98*	
		For >10 To 20, Deduct	*-68.72*	
		For >20 To 40, Deduct	*-126.73*	
		For >40, Deduct	*-264.17*	
26 56 13 00-0380	EA	28' High, 7" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,265.38	550.79
		For Bronze Or Satin Anodized Finish, Add	*116.38*	
		For Black Anodized Finish, Add	*232.76*	
		For >10 To 20, Deduct	*-74.09*	
		For >20 To 40, Deduct	*-136.55*	
		For >40, Deduct	*-284.73*	
26 56 13 00-0381	EA	30' High, 7" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,426.39	583.18
		For Bronze Or Satin Anodized Finish, Add	*126.00*	
		For Black Anodized Finish, Add	*252.01*	
		For >10 To 20, Deduct	*-79.56*	
		For >20 To 40, Deduct	*-146.52*	
		For >40, Deduct	*-305.64*	
26 56 13 00-0382	EA	23' High, 8" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,000.28	453.59
		For Bronze Or Satin Anodized Finish, Add	*109.31*	
		For Black Anodized Finish, Add	*218.62*	
		For >10 To 20, Deduct	*-66.40*	
		For >20 To 40, Deduct	*-121.88*	
		For >40, Deduct	*-254.68*	
26 56 13 00-0383	EA	25' High, 8" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,178.56	518.38
		For Bronze Or Satin Anodized Finish, Add	*114.18*	
		For Black Anodized Finish, Add	*228.36*	
		For >10 To 20, Deduct	*-71.59*	
		For >20 To 40, Deduct	*-131.76*	
		For >40, Deduct	*-274.95*	
26 56 13 00-0384	EA	28' High, 8" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,343.04	550.79
		For Bronze Or Satin Anodized Finish, Add	*124.15*	
		For Black Anodized Finish, Add	*248.30*	
		For >10 To 20, Deduct	*-77.20*	
		For >20 To 40, Deduct	*-141.98*	
		For >40, Deduct	*-296.38*	
26 56 13 00-0385	EA	30' High, 8" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,546.94	583.18
		For Bronze Or Satin Anodized Finish, Add	*138.06*	
		For Black Anodized Finish, Add	*276.12*	
		For >10 To 20, Deduct	*-84.38*	
		For >20 To 40, Deduct	*-154.96*	
		For >40, Deduct	*-323.72*	
26 56 13 00-0386	EA	33' High, 8" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,631.51	599.38
		For Bronze Or Satin Anodized Finish, Add	*143.28*	
		For Black Anodized Finish, Add	*286.55*	
		For >10 To 20, Deduct	*-87.28*	
		For >20 To 40, Deduct	*-160.23*	
		For >40, Deduct	*-334.79*	
26 56 13 00-0387	EA	35' High, 8" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,804.18	615.58
		For Bronze Or Satin Anodized Finish, Add	*157.30*	
		For Black Anodized Finish, Add	*314.60*	
		For >10 To 20, Deduct	*-93.70*	
		For >20 To 40, Deduct	*-171.67*	
		For >40, Deduct	*-359.07*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0388	EA	12' High, 5" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,037.69	259.19
		For Bronze Or Satin Anodized Finish, Add	*51.93*	
		For Black Anodized Finish, Add	*103.86*	
		For >10 To 20, Deduct	*-33.73*	
		For >20 To 40, Deduct	*-62.27*	
		For >40, Deduct	*-129.73*	
26 56 13 00-0389	EA	14' High, 5" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,158.13	291.60
		For Bronze Or Satin Anodized Finish, Add	*57.50*	
		For Black Anodized Finish, Add	*114.99*	
		For >10 To 20, Deduct	*-37.58*	
		For >20 To 40, Deduct	*-69.41*	
		For >40, Deduct	*-144.56*	
26 56 13 00-0390	EA	16' High, 5" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,283.21	323.99
		For Bronze Or Satin Anodized Finish, Add	*63.52*	
		For Black Anodized Finish, Add	*127.05*	
		For >10 To 20, Deduct	*-41.61*	
		For >20 To 40, Deduct	*-76.87*	
		For >40, Deduct	*-160.08*	
26 56 13 00-0391	EA	18' High, 5" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,395.54	356.39
		For Bronze Or Satin Anodized Finish, Add	*68.28*	
		For Black Anodized Finish, Add	*136.55*	
		For >10 To 20, Deduct	*-45.13*	
		For >20 To 40, Deduct	*-83.43*	
		For >40, Deduct	*-173.69*	
26 56 13 00-0392	EA	20' High, 5" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,506.70	388.78
		For Bronze Or Satin Anodized Finish, Add	*72.91*	
		For Black Anodized Finish, Add	*145.82*	
		For >10 To 20, Deduct	*-48.60*	
		For >20 To 40, Deduct	*-89.92*	
		For >40, Deduct	*-187.13*	
26 56 13 00-0393	EA	16' High, 6" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,409.56	323.99
		For Bronze Or Satin Anodized Finish, Add	*76.16*	
		For Black Anodized Finish, Add	*152.32*	
		For >10 To 20, Deduct	*-46.66*	
		For >20 To 40, Deduct	*-85.71*	
		For >40, Deduct	*-179.04*	
26 56 13 00-0394	EA	18' High, 6" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,543.91	356.39
		For Bronze Or Satin Anodized Finish, Add	*83.11*	
		For Black Anodized Finish, Add	*166.23*	
		For >10 To 20, Deduct	*-51.06*	
		For >20 To 40, Deduct	*-93.82*	
		For >40, Deduct	*-195.95*	
26 56 13 00-0395	EA	20' High, 6" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,642.33	388.78
		For Bronze Or Satin Anodized Finish, Add	*86.48*	
		For Black Anodized Finish, Add	*172.95*	
		For >10 To 20, Deduct	*-54.03*	
		For >20 To 40, Deduct	*-99.41*	
		For >40, Deduct	*-207.47*	
26 56 13 00-0396	EA	23' High, 6" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,869.29	453.59
		For Bronze Or Satin Anodized Finish, Add	*96.21*	
		For Black Anodized Finish, Add	*192.42*	
		For >10 To 20, Deduct	*-61.16*	
		For >20 To 40, Deduct	*-112.71*	
		For >40, Deduct	*-235.04*	
26 56 13 00-0397	EA	25' High, 6" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,103.22	518.38
		For Bronze Or Satin Anodized Finish, Add	*106.65*	
		For Black Anodized Finish, Add	*213.29*	
		For >10 To 20, Deduct	*-68.58*	
		For >20 To 40, Deduct	*-126.49*	
		For >40, Deduct	*-263.64*	
26 56 13 00-0398	EA	23' High, 8" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,131.26	453.59
		For Bronze Or Satin Anodized Finish, Add	*122.41*	
		For Black Anodized Finish, Add	*244.82*	
		For >10 To 20, Deduct	*-71.64*	
		For >20 To 40, Deduct	*-131.04*	
		For >40, Deduct	*-274.33*	
26 56 13 00-0399	EA	25' High, 8" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,352.44	518.38
		For Bronze Or Satin Anodized Finish, Add	*131.57*	
		For Black Anodized Finish, Add	*263.13*	
		For >10 To 20, Deduct	*-78.55*	
		For >20 To 40, Deduct	*-143.94*	
		For >40, Deduct	*-301.03*	
26 56 13 00-0400	EA	28' High, 8" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,530.83	550.79
		For Bronze Or Satin Anodized Finish, Add	*142.93*	
		For Black Anodized Finish, Add	*285.85*	
		For >10 To 20, Deduct	*-84.71*	
		For >20 To 40, Deduct	*-155.13*	
		For >40, Deduct	*-324.55*	
26 56 13 00-0401	EA	30' High, 8" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,689.52	583.18
		For Bronze Or Satin Anodized Finish, Add	*152.32*	
		For Black Anodized Finish, Add	*304.63*	
		For >10 To 20, Deduct	*-90.09*	
		For >20 To 40, Deduct	*-164.94*	
		For >40, Deduct	*-345.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0402	EA	33' High, 8" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,834.36	599.38
		For Bronze Or Satin Anodized Finish, Add	*163.56*	
		For Black Anodized Finish, Add	*327.12*	
		For >10 To 20, Deduct	*-95.39*	
		For >20 To 40, Deduct	*-174.43*	
		For >40, Deduct	*-365.22*	
26 56 13 00-0403	EA	35' High, 8" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,960.67	615.58
		For Bronze Or Satin Anodized Finish, Add	*172.95*	
		For Black Anodized Finish, Add	*345.90*	
		For >10 To 20, Deduct	*-99.96*	
		For >20 To 40, Deduct	*-182.62*	
		For >40, Deduct	*-382.54*	
26 56 13 00-0404	EA	37' High, 8" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	3,068.40	631.78
		For Bronze Or Satin Anodized Finish, Add	*180.48*	
		For Black Anodized Finish, Add	*360.97*	
		For >10 To 20, Deduct	*-103.78*	
		For >20 To 40, Deduct	*-189.52*	
		For >40, Deduct	*-397.08*	
26 56 13 00-0405	EA	39' High, 8" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	3,263.09	647.98
		For Bronze Or Satin Anodized Finish, Add	*196.71*	
		For Black Anodized Finish, Add	*393.43*	
		For >10 To 20, Deduct	*-111.08*	
		For >20 To 40, Deduct	*-202.50*	
		For >40, Deduct	*-424.67*	
26 56 13 00-0406	EA	28' High, 10" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	3,031.59	550.79
		For Bronze Or Satin Anodized Finish, Add	*193.00*	
		For Black Anodized Finish, Add	*386.01*	
		For >10 To 20, Deduct	*-104.74*	
		For >20 To 40, Deduct	*-190.18*	
		For >40, Deduct	*-399.66*	
26 56 13 00-0407	EA	30' High, 10" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	3,269.11	583.18
		For Bronze Or Satin Anodized Finish, Add	*210.28*	
		For Black Anodized Finish, Add	*420.55*	
		For >10 To 20, Deduct	*-113.27*	
		For >20 To 40, Deduct	*-205.51*	
		For >40, Deduct	*-432.05*	
26 56 13 00-0408	EA	33' High, 10" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	3,437.14	599.38
		For Bronze Or Satin Anodized Finish, Add	*223.84*	
		For Black Anodized Finish, Add	*447.68*	
		For >10 To 20, Deduct	*-119.50*	
		For >20 To 40, Deduct	*-216.62*	
		For >40, Deduct	*-455.63*	
26 56 13 00-0409	EA	35' High, 10" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	3,564.60	615.58
		For Bronze Or Satin Anodized Finish, Add	*233.34*	
		For Black Anodized Finish, Add	*466.69*	
		For >10 To 20, Deduct	*-124.12*	
		For >20 To 40, Deduct	*-224.90*	
		For >40, Deduct	*-473.13*	
26 56 13 00-0410	EA	37' High, 10" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	3,635.24	631.78
		For Bronze Or Satin Anodized Finish, Add	*237.17*	
		For Black Anodized Finish, Add	*474.34*	
		For >10 To 20, Deduct	*-126.46*	
		For >20 To 40, Deduct	*-229.20*	
		For >40, Deduct	*-482.11*	
26 56 13 00-0411	EA	39' High, 10" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	3,849.63	647.98
		For Bronze Or Satin Anodized Finish, Add	*255.37*	
		For Black Anodized Finish, Add	*510.73*	
		For >10 To 20, Deduct	*-134.55*	
		For >20 To 40, Deduct	*-243.55*	
		For >40, Deduct	*-512.65*	
26 56 13 00-0412	EA	28' High, 8" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,872.79	550.79
		For Bronze Or Satin Anodized Finish, Add	*177.12*	
		For Black Anodized Finish, Add	*354.25*	
		For >10 To 20, Deduct	*-98.39*	
		For >20 To 40, Deduct	*-179.06*	
		For >40, Deduct	*-375.84*	
26 56 13 00-0413	EA	30' High, 8" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base	3,089.44	583.18
		For Bronze Or Satin Anodized Finish, Add	*192.31*	
		For Black Anodized Finish, Add	*384.62*	
		For >10 To 20, Deduct	*-106.08*	
		For >20 To 40, Deduct	*-192.93*	
		For >40, Deduct	*-405.10*	
26 56 13 00-0414	EA	33' High, 8" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base	3,174.00	599.38
		For Bronze Or Satin Anodized Finish, Add	*197.52*	
		For Black Anodized Finish, Add	*395.05*	
		For >10 To 20, Deduct	*-108.98*	
		For >20 To 40, Deduct	*-198.20*	
		For >40, Deduct	*-416.16*	
26 56 13 00-0415	EA	35' High, 8" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base	3,391.88	615.58
		For Bronze Or Satin Anodized Finish, Add	*216.07*	
		For Black Anodized Finish, Add	*432.14*	
		For >10 To 20, Deduct	*-117.21*	
		For >20 To 40, Deduct	*-212.81*	
		For >40, Deduct	*-447.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0416	EA	37' High, 8" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base	3,498.46	631.78
		For Bronze Or Satin Anodized Finish, Add	*223.49*	
		For Black Anodized Finish, Add	*446.98*	
		For >10 To 20, Deduct	*-120.99*	
		For >20 To 40, Deduct	*-219.62*	
		For >40, Deduct	*-461.59*	
26 56 13 00-0417	EA	39' High, 8" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base	3,714.01	647.98
		For Bronze Or Satin Anodized Finish, Add	*241.81*	
		For Black Anodized Finish, Add	*483.61*	
		For >10 To 20, Deduct	*-129.12*	
		For >20 To 40, Deduct	*-234.06*	
		For >40, Deduct	*-492.30*	
26 56 13 00-0418	EA	28' High, 10" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base	3,598.43	550.79
		For Bronze Or Satin Anodized Finish, Add	*249.69*	
		For Black Anodized Finish, Add	*499.37*	
		For >10 To 20, Deduct	*-127.41*	
		For >20 To 40, Deduct	*-229.86*	
		For >40, Deduct	*-484.69*	
26 56 13 00-0419	EA	30' High, 10" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base	3,804.65	583.18
		For Bronze Or Satin Anodized Finish, Add	*263.83*	
		For Black Anodized Finish, Add	*527.66*	
		For >10 To 20, Deduct	*-134.69*	
		For >20 To 40, Deduct	*-243.00*	
		For >40, Deduct	*-512.38*	
26 56 13 00-0420	EA	33' High, 10" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base	3,975.00	599.38
		For Bronze Or Satin Anodized Finish, Add	*277.62*	
		For Black Anodized Finish, Add	*555.25*	
		For >10 To 20, Deduct	*-141.02*	
		For >20 To 40, Deduct	*-254.27*	
		For >40, Deduct	*-536.31*	
26 56 13 00-0421	EA	35' High, 10" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base	4,239.24	615.58
		For Bronze Or Satin Anodized Finish, Add	*300.81*	
		For Black Anodized Finish, Add	*601.61*	
		For >10 To 20, Deduct	*-151.10*	
		For >20 To 40, Deduct	*-272.12*	
		For >40, Deduct	*-574.33*	
26 56 13 00-0422	EA	37' High, 10" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base	4,297.13	631.78
		For Bronze Or Satin Anodized Finish, Add	*303.36*	
		For Black Anodized Finish, Add	*606.71*	
		For >10 To 20, Deduct	*-152.93*	
		For >20 To 40, Deduct	*-275.53*	
		For >40, Deduct	*-581.39*	
26 56 13 00-0423	EA	39' High, 10" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base	4,560.21	647.98
		For Bronze Or Satin Anodized Finish, Add	*326.43*	
		For Black Anodized Finish, Add	*652.85*	
		For >10 To 20, Deduct	*-162.97*	
		For >20 To 40, Deduct	*-293.30*	
		For >40, Deduct	*-619.23*	
26 56 13 00-0424	EA	48' High, 10" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base	5,744.89	971.97
		For Bronze Or Satin Anodized Finish, Add	*380.10*	
		For Black Anodized Finish, Add	*760.19*	
		For >10 To 20, Deduct	*-200.64*	
		For >20 To 40, Deduct	*-363.26*	
		For >40, Deduct	*-764.54*	
26 56 13 00-0425	EA	50' High, 10" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base	5,888.63	971.97
		For Bronze Or Satin Anodized Finish, Add	*394.47*	
		For Black Anodized Finish, Add	*788.94*	
		For >10 To 20, Deduct	*-206.39*	
		For >20 To 40, Deduct	*-373.33*	
		For >40, Deduct	*-786.10*	

26 56 13 00-0426 Round Tapered, Aluminum Area Light Poles, Hinged Anchor Base *(26 56 13 00-0354)*

26 56 13 00-0427	EA	8' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	966.05	194.40
		For Bronze, Satin Or Black Anodized Finish, Add	*86.59*	
		For >10 To 20, Deduct	*-32.81*	
		For >20 To 40, Deduct	*-59.85*	
		For >40, Deduct	*-125.47*	
26 56 13 00-0428	EA	10' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,055.20	226.79
		For Bronze, Satin Or Black Anodized Finish, Add	*90.24*	
		For >10 To 20, Deduct	*-35.40*	
		For >20 To 40, Deduct	*-64.79*	
		For >40, Deduct	*-135.60*	
26 56 13 00-0429	EA	12' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,145.50	259.19
		For Bronze, Satin Or Black Anodized Finish, Add	*94.07*	
		For >10 To 20, Deduct	*-38.04*	
		For >20 To 40, Deduct	*-69.82*	
		For >40, Deduct	*-145.91*	
26 56 13 00-0430	EA	14' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,238.12	291.60
		For Bronze, Satin Or Black Anodized Finish, Add	*98.24*	
		For >10 To 20, Deduct	*-40.78*	
		For >20 To 40, Deduct	*-75.00*	
		For >40, Deduct	*-156.56*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0431	EA	16' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,329.58	323.99
		For Bronze, Satin Or Black Anodized Finish, Add	*102.24*	
		For >10 To 20, Deduct	*-43.46*	
		For >20 To 40, Deduct	*-80.11*	
		For >40, Deduct	*-167.04*	
26 56 13 00-0432	EA	10' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,069.11	226.79
		For Bronze, Satin Or Black Anodized Finish, Add	*92.33*	
		For >10 To 20, Deduct	*-35.96*	
		For >20 To 40, Deduct	*-65.77*	
		For >40, Deduct	*-137.69*	
26 56 13 00-0433	EA	12' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,161.72	259.19
		For Bronze, Satin Or Black Anodized Finish, Add	*96.50*	
		For >10 To 20, Deduct	*-38.69*	
		For >20 To 40, Deduct	*-70.95*	
		For >40, Deduct	*-148.34*	
26 56 13 00-0434	EA	14' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,256.66	291.60
		For Bronze, Satin Or Black Anodized Finish, Add	*101.02*	
		For >10 To 20, Deduct	*-41.52*	
		For >20 To 40, Deduct	*-76.30*	
		For >40, Deduct	*-159.34*	
26 56 13 00-0435	EA	16' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,350.44	323.99
		For Bronze, Satin Or Black Anodized Finish, Add	*105.37*	
		For >10 To 20, Deduct	*-44.30*	
		For >20 To 40, Deduct	*-81.57*	
		For >40, Deduct	*-170.17*	
26 56 13 00-0436	EA	18' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,459.29	356.39
		For Bronze, Satin Or Black Anodized Finish, Add	*111.98*	
		For >10 To 20, Deduct	*-47.68*	
		For >20 To 40, Deduct	*-87.89*	
		For >40, Deduct	*-183.25*	
26 56 13 00-0437	EA	20' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,557.71	388.78
		For Bronze, Satin Or Black Anodized Finish, Add	*117.02*	
		For >10 To 20, Deduct	*-50.64*	
		For >20 To 40, Deduct	*-93.49*	
		For >40, Deduct	*-194.78*	
26 56 13 00-0438	EA	12' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,206.93	259.19
		For Bronze, Satin Or Black Anodized Finish, Add	*103.28*	
		For >10 To 20, Deduct	*-40.50*	
		For >20 To 40, Deduct	*-74.12*	
		For >40, Deduct	*-155.12*	
26 56 13 00-0439	EA	14' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,307.67	291.60
		For Bronze, Satin Or Black Anodized Finish, Add	*108.67*	
		For >10 To 20, Deduct	*-43.56*	
		For >20 To 40, Deduct	*-79.87*	
		For >40, Deduct	*-166.99*	
26 56 13 00-0440	EA	16' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,422.31	323.99
		For Bronze, Satin Or Black Anodized Finish, Add	*116.15*	
		For >10 To 20, Deduct	*-47.17*	
		For >20 To 40, Deduct	*-86.60*	
		For >40, Deduct	*-180.95*	
26 56 13 00-0441	EA	18' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,525.37	356.39
		For Bronze, Satin Or Black Anodized Finish, Add	*121.89*	
		For >10 To 20, Deduct	*-50.32*	
		For >20 To 40, Deduct	*-92.52*	
		For >40, Deduct	*-193.17*	
26 56 13 00-0442	EA	20' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,643.49	388.78
		For Bronze, Satin Or Black Anodized Finish, Add	*129.89*	
		For >10 To 20, Deduct	*-54.08*	
		For >20 To 40, Deduct	*-99.49*	
		For >40, Deduct	*-207.64*	
26 56 13 00-0443	EA	16' High, 6" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,488.39	323.99
		For Bronze, Satin Or Black Anodized Finish, Add	*126.06*	
		For >10 To 20, Deduct	*-49.82*	
		For >20 To 40, Deduct	*-91.23*	
		For >40, Deduct	*-190.86*	
26 56 13 00-0444	EA	18' High, 6" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,614.62	356.39
		For Bronze, Satin Or Black Anodized Finish, Add	*135.28*	
		For >10 To 20, Deduct	*-53.89*	
		For >20 To 40, Deduct	*-98.77*	
		For >40, Deduct	*-206.55*	
26 56 13 00-0445	EA	20' High, 6" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,715.36	388.78
		For Bronze, Satin Or Black Anodized Finish, Add	*140.67*	
		For >10 To 20, Deduct	*-56.95*	
		For >20 To 40, Deduct	*-104.52*	
		For >40, Deduct	*-218.43*	
26 56 13 00-0446	EA	12' High, 5" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,242.87	259.19
		For Bronze, Satin Or Black Anodized Finish, Add	*108.67*	
		For >10 To 20, Deduct	*-41.94*	
		For >20 To 40, Deduct	*-76.63*	
		For >40, Deduct	*-160.51*	
26 56 13 00-0447	EA	14' High, 5" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,362.15	291.60
		For Bronze, Satin Or Black Anodized Finish, Add	*116.85*	
		For >10 To 20, Deduct	*-45.74*	
		For >20 To 40, Deduct	*-83.69*	
		For >40, Deduct	*-175.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0448	EA	16' High, 5" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,488.39	323.99
		For Bronze, Satin Or Black Anodized Finish, Add	*126.06*	
		For >10 To 20, Deduct	*-49.82*	
		For >20 To 40, Deduct	*-91.23*	
		For >40, Deduct	*-190.86*	
26 56 13 00-0449	EA	18' High, 5" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,600.71	356.39
		For Bronze, Satin Or Black Anodized Finish, Add	*133.19*	
		For >10 To 20, Deduct	*-53.34*	
		For >20 To 40, Deduct	*-97.79*	
		For >40, Deduct	*-204.47*	
26 56 13 00-0450	EA	20' High, 5" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,721.15	388.78
		For Bronze, Satin Or Black Anodized Finish, Add	*141.54*	
		For >10 To 20, Deduct	*-57.18*	
		For >20 To 40, Deduct	*-104.93*	
		For >40, Deduct	*-219.29*	
26 56 13 00-0451	EA	16' High, 6" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,563.73	323.99
		For Bronze, Satin Or Black Anodized Finish, Add	*137.36*	
		For >10 To 20, Deduct	*-52.83*	
		For >20 To 40, Deduct	*-96.50*	
		For >40, Deduct	*-202.16*	
26 56 13 00-0452	EA	18' High, 6" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,699.24	356.39
		For Bronze, Satin Or Black Anodized Finish, Add	*147.97*	
		For >10 To 20, Deduct	*-57.28*	
		For >20 To 40, Deduct	*-104.69*	
		For >40, Deduct	*-219.25*	
26 56 13 00-0453	EA	20' High, 6" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,805.77	388.78
		For Bronze, Satin Or Black Anodized Finish, Add	*154.23*	
		For >10 To 20, Deduct	*-60.57*	
		For >20 To 40, Deduct	*-110.85*	
		For >40, Deduct	*-231.99*	

26 56 13 00-0454 Round Tapered, Aluminum Area Light Poles, Direct Burial *(26 56 13 00-0354)*

Note: Includes rubberized undercoating on embedded portion.

26 56 13 00-0455	EA	8' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Direct Burial	667.11	161.99
		For Bronze Or Satin Anodized Finish, Add	*34.31*	
		For Black Anodized Finish, Add	*68.62*	
		For >10 To 20, Deduct	*-21.82*	
		For >20 To 40, Deduct	*-40.22*	
		For >40, Deduct	*-83.87*	
26 56 13 00-0456	EA	10' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Direct Burial	699.56	161.99
		For Bronze Or Satin Anodized Finish, Add	*37.56*	
		For Black Anodized Finish, Add	*75.11*	
		For >10 To 20, Deduct	*-23.12*	
		For >20 To 40, Deduct	*-42.49*	
		For >40, Deduct	*-88.73*	
26 56 13 00-0457	EA	12' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Direct Burial	758.63	178.19
		For Bronze Or Satin Anodized Finish, Add	*40.22*	
		For Black Anodized Finish, Add	*80.45*	
		For >10 To 20, Deduct	*-25.00*	
		For >20 To 40, Deduct	*-45.98*	
		For >40, Deduct	*-95.98*	
26 56 13 00-0458	EA	14' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Direct Burial	809.56	194.40
		For Bronze Or Satin Anodized Finish, Add	*42.08*	
		For Black Anodized Finish, Add	*84.16*	
		For >10 To 20, Deduct	*-26.55*	
		For >20 To 40, Deduct	*-48.89*	
		For >40, Deduct	*-102.00*	
26 56 13 00-0459	EA	16' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Direct Burial	851.29	194.40
		For Bronze Or Satin Anodized Finish, Add	*46.25*	
		For Black Anodized Finish, Add	*92.50*	
		For >10 To 20, Deduct	*-28.22*	
		For >20 To 40, Deduct	*-51.81*	
		For >40, Deduct	*-108.25*	
26 56 13 00-0460	EA	12' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Direct Burial	789.92	178.19
		For Bronze Or Satin Anodized Finish, Add	*43.35*	
		For Black Anodized Finish, Add	*86.71*	
		For >10 To 20, Deduct	*-26.25*	
		For >20 To 40, Deduct	*-48.17*	
		For >40, Deduct	*-100.67*	
26 56 13 00-0461	EA	14' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Direct Burial	854.77	194.40
		For Bronze Or Satin Anodized Finish, Add	*46.60*	
		For Black Anodized Finish, Add	*93.20*	
		For >10 To 20, Deduct	*-28.36*	
		For >20 To 40, Deduct	*-52.06*	
		For >40, Deduct	*-108.78*	
26 56 13 00-0462	EA	16' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Direct Burial	877.95	194.40
		For Bronze Or Satin Anodized Finish, Add	*48.92*	
		For Black Anodized Finish, Add	*97.83*	
		For >10 To 20, Deduct	*-29.29*	
		For >20 To 40, Deduct	*-53.68*	
		For >40, Deduct	*-112.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0463	EA	18' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Direct Burial	947.46	210.59
		For Bronze Or Satin Anodized Finish, Add	*52.63*	
		For Black Anodized Finish, Add	*105.25*	
		For >10 To 20, Deduct	*-31.58*	
		For >20 To 40, Deduct	*-57.90*	
		For >40, Deduct	*-121.06*	
26 56 13 00-0464	EA	20' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Direct Burial	1,012.31	226.79
		For Bronze Or Satin Anodized Finish, Add	*55.87*	
		For Black Anodized Finish, Add	*111.74*	
		For >10 To 20, Deduct	*-33.69*	
		For >20 To 40, Deduct	*-61.79*	
		For >40, Deduct	*-129.17*	
26 56 13 00-0465	EA	16' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Direct Burial	945.19	194.40
		For Bronze Or Satin Anodized Finish, Add	*55.64*	
		For Black Anodized Finish, Add	*111.28*	
		For >10 To 20, Deduct	*-31.98*	
		For >20 To 40, Deduct	*-58.39*	
		For >40, Deduct	*-122.34*	
26 56 13 00-0466	EA	18' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Direct Burial	1,021.65	210.59
		For Bronze Or Satin Anodized Finish, Add	*60.05*	
		For Black Anodized Finish, Add	*120.09*	
		For >10 To 20, Deduct	*-34.55*	
		For >20 To 40, Deduct	*-63.09*	
		For >40, Deduct	*-132.19*	
26 56 13 00-0467	EA	20' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Direct Burial	1,092.30	226.79
		For Bronze Or Satin Anodized Finish, Add	*63.87*	
		For Black Anodized Finish, Add	*127.74*	
		For >10 To 20, Deduct	*-36.89*	
		For >20 To 40, Deduct	*-67.39*	
		For >40, Deduct	*-141.17*	
26 56 13 00-0468	EA	18' High, 6" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Direct Burial	1,116.70	210.59
		For Bronze Or Satin Anodized Finish, Add	*69.55*	
		For Black Anodized Finish, Add	*139.10*	
		For >10 To 20, Deduct	*-38.35*	
		For >20 To 40, Deduct	*-69.75*	
		For >40, Deduct	*-146.45*	
26 56 13 00-0469	EA	25' High, 6" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Direct Burial	1,430.65	259.19
		For Bronze Or Satin Anodized Finish, Add	*91.23*	
		For Black Anodized Finish, Add	*182.45*	
		For >10 To 20, Deduct	*-49.45*	
		For >20 To 40, Deduct	*-89.78*	
		For >40, Deduct	*-188.68*	
26 56 13 00-0470	EA	25' High, 6" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Direct Burial	1,561.64	259.19
		For Bronze Or Satin Anodized Finish, Add	*104.33*	
		For Black Anodized Finish, Add	*208.65*	
		For >10 To 20, Deduct	*-54.69*	
		For >20 To 40, Deduct	*-98.95*	
		For >40, Deduct	*-208.33*	
26 56 13 00-0471	EA	30' High, 7" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Direct Burial	1,738.88	291.60
		For Bronze Or Satin Anodized Finish, Add	*115.57*	
		For Black Anodized Finish, Add	*231.14*	
		For >10 To 20, Deduct	*-60.81*	
		For >20 To 40, Deduct	*-110.06*	
		For >40, Deduct	*-231.67*	
26 56 13 00-0472	EA	30' High, 8" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Direct Burial	1,881.46	291.60
		For Bronze Or Satin Anodized Finish, Add	*129.83*	
		For Black Anodized Finish, Add	*259.66*	
		For >10 To 20, Deduct	*-66.51*	
		For >20 To 40, Deduct	*-120.04*	
		For >40, Deduct	*-253.06*	

26 56 13 00-0473 Square Straight, Aluminum Area Light Poles *(26 56 13 00-0294)*

26 56 13 00-0474 Square Straight, Aluminum Area Light Poles, Anchor Base *(26 56 13 00-0473)*

26 56 13 00-0475	EA	8' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Anchor Base	867.52	194.40
		For Bronze Or Satin Anodized Finish, Add	*47.87*	
		For Black Anodized Finish, Add	*95.75*	
		For >10 To 20, Deduct	*-28.87*	
		For >20 To 40, Deduct	*-52.95*	
		For >40, Deduct	*-110.69*	
26 56 13 00-0476	EA	10' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Anchor Base	956.67	226.79
		For Bronze Or Satin Anodized Finish, Add	*50.31*	
		For Black Anodized Finish, Add	*100.62*	
		For >10 To 20, Deduct	*-31.46*	
		For >20 To 40, Deduct	*-57.90*	
		For >40, Deduct	*-120.82*	
26 56 13 00-0477	EA	12' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Anchor Base	1,055.08	259.19
		For Bronze Or Satin Anodized Finish, Add	*53.67*	
		For Black Anodized Finish, Add	*107.34*	
		For >10 To 20, Deduct	*-34.43*	
		For >20 To 40, Deduct	*-63.49*	
		For >40, Deduct	*-132.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0478	EA	14' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Anchor Base	1,152.34	291.60
		For Bronze Or Satin Anodized Finish, Add	*56.92*	
		For Black Anodized Finish, Add	*113.83*	
		For >10 To 20, Deduct	*-37.35*	
		For >20 To 40, Deduct	*-69.00*	
		For >40, Deduct	*-143.69*	
26 56 13 00-0479	EA	15' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Anchor Base	1,205.60	307.79
		For Bronze Or Satin Anodized Finish, Add	*59.00*	
		For Black Anodized Finish, Add	*118.00*	
		For >10 To 20, Deduct	*-38.99*	
		For >20 To 40, Deduct	*-72.08*	
		For >40, Deduct	*-150.06*	
26 56 13 00-0480	EA	16' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Anchor Base	1,258.87	323.99
		For Bronze Or Satin Anodized Finish, Add	*61.09*	
		For Black Anodized Finish, Add	*122.18*	
		For >10 To 20, Deduct	*-40.64*	
		For >20 To 40, Deduct	*-75.16*	
		For >40, Deduct	*-156.43*	
26 56 13 00-0481	EA	18' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Anchor Base	1,363.08	356.39
		For Bronze Or Satin Anodized Finish, Add	*65.03*	
		For Black Anodized Finish, Add	*130.06*	
		For >10 To 20, Deduct	*-43.83*	
		For >20 To 40, Deduct	*-81.16*	
		For >40, Deduct	*-168.82*	
26 56 13 00-0482	EA	20' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Anchor Base	1,477.72	388.78
		For Bronze Or Satin Anodized Finish, Add	*70.01*	
		For Black Anodized Finish, Add	*140.03*	
		For >10 To 20, Deduct	*-47.45*	
		For >20 To 40, Deduct	*-87.89*	
		For >40, Deduct	*-182.78*	
26 56 13 00-0483	EA	16' High, 4" OD, 0.188", Square Straight, Aluminum Area Light Pole, Anchor Base	1,338.85	323.99
		For Bronze Or Satin Anodized Finish, Add	*69.09*	
		For Black Anodized Finish, Add	*138.17*	
		For >10 To 20, Deduct	*-43.83*	
		For >20 To 40, Deduct	*-80.76*	
		For >40, Deduct	*-168.43*	
26 56 13 00-0484	EA	18' High, 4" OD, 0.188", Square Straight, Aluminum Area Light Pole, Anchor Base	1,445.38	356.39
		For Bronze Or Satin Anodized Finish, Add	*73.26*	
		For Black Anodized Finish, Add	*146.52*	
		For >10 To 20, Deduct	*-47.12*	
		For >20 To 40, Deduct	*-86.92*	
		For >40, Deduct	*-181.17*	
26 56 13 00-0485	EA	20' High, 4" OD, 0.188", Square Straight, Aluminum Area Light Pole, Anchor Base	1,566.98	388.78
		For Bronze Or Satin Anodized Finish, Add	*78.94*	
		For Black Anodized Finish, Add	*157.88*	
		For >10 To 20, Deduct	*-51.02*	
		For >20 To 40, Deduct	*-94.14*	
		For >40, Deduct	*-196.17*	
26 56 13 00-0486	EA	15' High, 5" OD, 0.188", Square Straight, Aluminum Area Light Pole, Anchor Base	1,553.36	307.79
		For Bronze Or Satin Anodized Finish, Add	*93.78*	
		For Black Anodized Finish, Add	*187.56*	
		For >10 To 20, Deduct	*-52.90*	
		For >20 To 40, Deduct	*-96.42*	
		For >40, Deduct	*-202.23*	
26 56 13 00-0487	EA	20' High, 5" OD, 0.188", Square Straight, Aluminum Area Light Pole, Anchor Base	1,899.67	388.78
		For Bronze Or Satin Anodized Finish, Add	*112.21*	
		For Black Anodized Finish, Add	*224.42*	
		For >10 To 20, Deduct	*-64.32*	
		For >20 To 40, Deduct	*-117.43*	
		For >40, Deduct	*-246.07*	
26 56 13 00-0488	EA	25' High, 5" OD, 0.188", Square Straight, Aluminum Area Light Pole, Anchor Base	2,303.75	518.38
		For Bronze Or Satin Anodized Finish, Add	*126.70*	
		For Black Anodized Finish, Add	*253.40*	
		For >10 To 20, Deduct	*-76.60*	
		For >20 To 40, Deduct	*-140.53*	
		For >40, Deduct	*-293.72*	
26 56 13 00-0489	EA	20' High, 4" OD, 0.250", Square Straight, Aluminum Area Light Pole, Anchor Base	1,638.85	388.78
		For Bronze Or Satin Anodized Finish, Add	*86.13*	
		For Black Anodized Finish, Add	*172.25*	
		For >10 To 20, Deduct	*-53.89*	
		For >20 To 40, Deduct	*-99.17*	
		For >40, Deduct	*-206.95*	
26 56 13 00-0490	EA	20' High, 5" OD, 0.250", Square Straight, Aluminum Area Light Pole, Anchor Base	2,039.93	388.78
		For Bronze Or Satin Anodized Finish, Add	*126.24*	
		For Black Anodized Finish, Add	*252.47*	
		For >10 To 20, Deduct	*-69.93*	
		For >20 To 40, Deduct	*-127.24*	
		For >40, Deduct	*-267.11*	
26 56 13 00-0491	EA	25' High, 5" OD, 0.250", Square Straight, Aluminum Area Light Pole, Anchor Base	2,431.26	518.38
		For Bronze Or Satin Anodized Finish, Add	*139.45*	
		For Black Anodized Finish, Add	*278.90*	
		For >10 To 20, Deduct	*-81.70*	
		For >20 To 40, Deduct	*-149.45*	
		For >40, Deduct	*-312.85*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0492	EA	20' High, 6" OD, 0.250", Square Straight, Aluminum Area Light Pole, Anchor Base	2,260.17	388.78
		For Bronze Or Satin Anodized Finish, Add	*148.26*	
		For Black Anodized Finish, Add	*296.52*	
		For >10 To 20, Deduct	*-78.74*	
		For >20 To 40, Deduct	*-142.66*	
		For >40, Deduct	*-300.15*	
26 56 13 00-0493	EA	25' High, 6" OD, 0.250", Square Straight, Aluminum Area Light Pole, Anchor Base	2,718.74	518.38
		For Bronze Or Satin Anodized Finish, Add	*168.20*	
		For Black Anodized Finish, Add	*336.39*	
		For >10 To 20, Deduct	*-93.20*	
		For >20 To 40, Deduct	*-169.58*	
		For >40, Deduct	*-355.97*	
26 56 13 00-0494	EA	30' High, 6" OD, 0.250", Square Straight, Aluminum Area Light Pole, Anchor Base	3,147.40	583.18
		For Bronze Or Satin Anodized Finish, Add	*198.10*	
		For Black Anodized Finish, Add	*396.21*	
		For >10 To 20, Deduct	*-108.40*	
		For >20 To 40, Deduct	*-196.99*	
		For >40, Deduct	*-413.79*	

26 56 13 00-0495 Square Straight, Aluminum Area Light Poles, Direct Burial *(26 56 13 00-0473)*

Note: Includes rubberized undercoating on embedded portion.

26 56 13 00-0496	EA	10' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Direct Burial	780.71	161.99
		For Bronze Or Satin Anodized Finish, Add	*45.67*	
		For Black Anodized Finish, Add	*91.34*	
		For >10 To 20, Deduct	*-26.37*	
		For >20 To 40, Deduct	*-48.17*	
		For >40, Deduct	*-100.91*	
26 56 13 00-0497	EA	12' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Direct Burial	872.23	178.19
		For Bronze Or Satin Anodized Finish, Add	*51.58*	
		For Black Anodized Finish, Add	*103.17*	
		For >10 To 20, Deduct	*-29.54*	
		For >20 To 40, Deduct	*-53.93*	
		For >40, Deduct	*-113.02*	
26 56 13 00-0498	EA	14' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Direct Burial	928.96	194.40
		For Bronze Or Satin Anodized Finish, Add	*54.02*	
		For Black Anodized Finish, Add	*108.04*	
		For >10 To 20, Deduct	*-31.33*	
		For >20 To 40, Deduct	*-57.25*	
		For >40, Deduct	*-119.91*	
26 56 13 00-0499	EA	15' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Direct Burial	957.94	194.40
		For Bronze Or Satin Anodized Finish, Add	*56.92*	
		For Black Anodized Finish, Add	*113.83*	
		For >10 To 20, Deduct	*-32.49*	
		For >20 To 40, Deduct	*-59.28*	
		For >40, Deduct	*-124.25*	
26 56 13 00-0500	EA	16' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Direct Burial	993.87	194.40
		For Bronze Or Satin Anodized Finish, Add	*60.51*	
		For Black Anodized Finish, Add	*121.02*	
		For >10 To 20, Deduct	*-33.92*	
		For >20 To 40, Deduct	*-61.80*	
		For >40, Deduct	*-129.64*	
26 56 13 00-0501	EA	18' High, 4" OD, 0.188", Square Straight, Aluminum Area Light Pole, Direct Burial	1,149.15	210.59
		For Bronze Or Satin Anodized Finish, Add	*72.80*	
		For Black Anodized Finish, Add	*145.59*	
		For >10 To 20, Deduct	*-39.65*	
		For >20 To 40, Deduct	*-72.02*	
		For >40, Deduct	*-151.31*	
26 56 13 00-0502	EA	20' High, 4" OD, 0.188", Square Straight, Aluminum Area Light Pole, Direct Burial	1,231.40	226.79
		For Bronze Or Satin Anodized Finish, Add	*77.78*	
		For Black Anodized Finish, Add	*155.56*	
		For >10 To 20, Deduct	*-42.45*	
		For >20 To 40, Deduct	*-77.13*	
		For >40, Deduct	*-162.03*	
26 56 13 00-0503	EA	20' High, 5" OD, 0.188", Square Straight, Aluminum Area Light Pole, Direct Burial	1,413.39	226.79
		For Bronze Or Satin Anodized Finish, Add	*95.98*	
		For Black Anodized Finish, Add	*191.96*	
		For >10 To 20, Deduct	*-49.73*	
		For >20 To 40, Deduct	*-89.87*	
		For >40, Deduct	*-189.33*	
26 56 13 00-0504	EA	25' High, 5" OD, 0.188", Square Straight, Aluminum Area Light Pole, Direct Burial	1,624.24	259.19
		For Bronze Or Satin Anodized Finish, Add	*110.59*	
		For Black Anodized Finish, Add	*221.17*	
		For >10 To 20, Deduct	*-57.19*	
		For >20 To 40, Deduct	*-103.33*	
		For >40, Deduct	*-217.72*	
26 56 13 00-0505	EA	25' High, 6" OD, 0.250", Square Straight, Aluminum Area Light Pole, Direct Burial	2,031.11	259.19
		For Bronze Or Satin Anodized Finish, Add	*151.27*	
		For Black Anodized Finish, Add	*302.55*	
		For >10 To 20, Deduct	*-73.47*	
		For >20 To 40, Deduct	*-131.81*	
		For >40, Deduct	*-278.75*	

26 56 13 00-0506 Factory Accessories For Aluminum Area Light Poles *(26 56 13 00-0294)*

26 56 13 00-0507	EA	1/2", 3/4" Or 1" Factory Threaded Pipe Coupling Or Nipple For Aluminum Area Light Poles	107.87	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0508	EA	Extra Handhole For Aluminum Area Light Poles	43.21	
26 56 13 00-0509	EA	Vibration Dampener For Aluminum Area Light Poles	163.19	
26 56 13 00-0510		**Fiberglass Area Light Poles** *(26 56 13 00-0177)* Note: Includes UV resistant textured weave finish, anchor bolts, base cover, reinforced handhole with cover and grounding provisions and tenon top.		
26 56 13 00-0511		**Round Tapered, Fiberglass Area Light Poles** *(26 56 13 00-0510)*		
26 56 13 00-0512		**Round Tapered, Fiberglass Area Light Poles, Anchor Base** *(26 56 13 00-0511)*		
26 56 13 00-0513	EA	10' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	1,443.39	226.79
		For >10 To 20, Deduct	*-50.93*	
		For >20 To 40, Deduct	*-91.97*	
		For >40, Deduct	*-193.83*	
26 56 13 00-0514	EA	12' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	1,567.09	259.19
		For >10 To 20, Deduct	*-54.91*	
		For >20 To 40, Deduct	*-99.33*	
		For >40, Deduct	*-209.14*	
26 56 13 00-0515	EA	14' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	1,692.49	291.60
		For >10 To 20, Deduct	*-58.95*	
		For >20 To 40, Deduct	*-106.81*	
		For >40, Deduct	*-224.71*	
26 56 13 00-0516	EA	16' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	1,816.21	323.99
		For >10 To 20, Deduct	*-62.93*	
		For >20 To 40, Deduct	*-114.18*	
		For >40, Deduct	*-240.03*	
26 56 13 00-0517	EA	18' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	1,970.23	356.39
		For >10 To 20, Deduct	*-68.12*	
		For >20 To 40, Deduct	*-123.66*	
		For >40, Deduct	*-259.90*	
26 56 13 00-0518	EA	20' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	2,097.31	388.78
		For >10 To 20, Deduct	*-72.23*	
		For >20 To 40, Deduct	*-131.26*	
		For >40, Deduct	*-275.72*	
26 56 13 00-0519	EA	22' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	2,287.50	453.59
		For >10 To 20, Deduct	*-77.89*	
		For >20 To 40, Deduct	*-141.98*	
		For >40, Deduct	*-297.77*	
26 56 13 00-0520	EA	24' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	2,476.02	518.38
		For >10 To 20, Deduct	*-83.49*	
		For >20 To 40, Deduct	*-152.59*	
		For >40, Deduct	*-319.56*	
26 56 13 00-0521	EA	26' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	2,612.37	518.38
		For >10 To 20, Deduct	*-88.94*	
		For >20 To 40, Deduct	*-162.13*	
		For >40, Deduct	*-340.02*	
26 56 13 00-0522	EA	28' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	2,796.67	550.79
		For >10 To 20, Deduct	*-95.34*	
		For >20 To 40, Deduct	*-173.74*	
		For >40, Deduct	*-364.42*	
26 56 13 00-0523	EA	30' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	2,980.99	583.18
		For >10 To 20, Deduct	*-101.74*	
		For >20 To 40, Deduct	*-185.34*	
		For >40, Deduct	*-388.83*	
26 56 13 00-0524	EA	10' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	1,598.25	226.79
		For >10 To 20, Deduct	*-57.13*	
		For >20 To 40, Deduct	*-102.81*	
		For >40, Deduct	*-217.06*	
26 56 13 00-0525	EA	12' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	1,691.66	259.19
		For >10 To 20, Deduct	*-59.89*	
		For >20 To 40, Deduct	*-108.05*	
		For >40, Deduct	*-227.83*	
26 56 13 00-0526	EA	14' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	1,786.76	291.60
		For >10 To 20, Deduct	*-62.72*	
		For >20 To 40, Deduct	*-113.41*	
		For >40, Deduct	*-238.86*	
26 56 13 00-0527	EA	16' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	1,885.23	323.99
		For >10 To 20, Deduct	*-65.69*	
		For >20 To 40, Deduct	*-119.01*	
		For >40, Deduct	*-250.39*	
26 56 13 00-0528	EA	18' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	1,992.11	356.39
		For >10 To 20, Deduct	*-68.99*	
		For >20 To 40, Deduct	*-125.19*	
		For >40, Deduct	*-263.18*	
26 56 13 00-0529	EA	20' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	2,097.31	388.78
		For >10 To 20, Deduct	*-72.23*	
		For >20 To 40, Deduct	*-131.26*	
		For >40, Deduct	*-275.72*	
26 56 13 00-0530	EA	22' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	2,267.30	453.59
		For >10 To 20, Deduct	*-77.08*	
		For >20 To 40, Deduct	*-140.57*	
		For >40, Deduct	*-294.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0531	EA	24' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	2,476.02	518.38
		For >10 To 20, Deduct	*-83.49*	
		For >20 To 40, Deduct	*-152.59*	
		For >40, Deduct	*-319.56*	
26 56 13 00-0532	EA	26' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	2,533.25	518.38
		For >10 To 20, Deduct	*-85.78*	
		For >20 To 40, Deduct	*-156.59*	
		For >40, Deduct	*-328.15*	
26 56 13 00-0533	EA	28' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	2,656.96	550.79
		For >10 To 20, Deduct	*-89.76*	
		For >20 To 40, Deduct	*-163.96*	
		For >40, Deduct	*-343.47*	
26 56 13 00-0534	EA	30' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	2,780.67	583.18
		For >10 To 20, Deduct	*-93.73*	
		For >20 To 40, Deduct	*-171.32*	
		For >40, Deduct	*-358.78*	
26 56 13 00-0535	EA	10' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	1,825.50	226.79
		For >10 To 20, Deduct	*-66.22*	
		For >20 To 40, Deduct	*-118.71*	
		For >40, Deduct	*-251.15*	
26 56 13 00-0536	EA	12' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	1,942.48	259.19
		For >10 To 20, Deduct	*-69.92*	
		For >20 To 40, Deduct	*-125.61*	
		For >40, Deduct	*-265.45*	
26 56 13 00-0537	EA	14' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	2,059.46	291.60
		For >10 To 20, Deduct	*-73.63*	
		For >20 To 40, Deduct	*-132.50*	
		For >40, Deduct	*-279.76*	
26 56 13 00-0538	EA	16' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	2,178.13	323.99
		For >10 To 20, Deduct	*-77.41*	
		For >20 To 40, Deduct	*-139.51*	
		For >40, Deduct	*-294.32*	
26 56 13 00-0539	EA	18' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	2,303.53	356.39
		For >10 To 20, Deduct	*-81.45*	
		For >20 To 40, Deduct	*-146.99*	
		For >40, Deduct	*-309.89*	
26 56 13 00-0540	EA	20' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	2,439.03	388.78
		For >10 To 20, Deduct	*-85.90*	
		For >20 To 40, Deduct	*-155.18*	
		For >40, Deduct	*-326.98*	
26 56 13 00-0541	EA	22' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	2,654.47	453.59
		For >10 To 20, Deduct	*-92.57*	
		For >20 To 40, Deduct	*-167.67*	
		For >40, Deduct	*-352.81*	
26 56 13 00-0542	EA	24' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	2,871.60	518.38
		For >10 To 20, Deduct	*-99.31*	
		For >20 To 40, Deduct	*-180.28*	
		For >40, Deduct	*-378.90*	
26 56 13 00-0543	EA	26' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	2,959.13	518.38
		For >10 To 20, Deduct	*-102.81*	
		For >20 To 40, Deduct	*-186.40*	
		For >40, Deduct	*-392.03*	
26 56 13 00-0544	EA	28' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	3,161.96	550.79
		For >10 To 20, Deduct	*-109.96*	
		For >20 To 40, Deduct	*-199.31*	
		For >40, Deduct	*-419.22*	
26 56 13 00-0545	EA	30' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	3,326.07	583.18
		For >10 To 20, Deduct	*-115.55*	
		For >20 To 40, Deduct	*-209.50*	
		For >40, Deduct	*-440.59*	
26 56 13 00-0546	EA	32' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	3,457.79	599.38
		For >10 To 20, Deduct	*-120.33*	
		For >20 To 40, Deduct	*-218.07*	
		For >40, Deduct	*-458.73*	
26 56 13 00-0547	EA	34' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	3,589.52	615.58
		For >10 To 20, Deduct	*-125.11*	
		For >20 To 40, Deduct	*-226.64*	
		For >40, Deduct	*-476.87*	

26 56 13 00-0548 Round Tapered, Fiberglass Area Light Poles, Direct Burial *(26 56 13 00-0511)*

26 56 13 00-0549	EA	10' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	889.59	161.99
		For >10 To 20, Deduct	*-30.72*	
		For >20 To 40, Deduct	*-55.79*	
		For >40, Deduct	*-117.24*	
26 56 13 00-0550	EA	12' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	953.97	178.19
		For >10 To 20, Deduct	*-32.81*	
		For >20 To 40, Deduct	*-59.65*	
		For >40, Deduct	*-125.28*	
26 56 13 00-0551	EA	14' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,016.66	194.40
		For >10 To 20, Deduct	*-34.83*	
		For >20 To 40, Deduct	*-63.39*	
		For >40, Deduct	*-133.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0552	EA	16' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,045.28	194.40
		For >10 To 20, Deduct	*-35.98*	
		For >20 To 40, Deduct	*-65.39*	
		For >40, Deduct	*-137.35*	
26 56 13 00-0553	EA	18' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,124.82	210.59
		For >10 To 20, Deduct	*-38.67*	
		For >20 To 40, Deduct	*-70.31*	
		For >40, Deduct	*-147.66*	
26 56 13 00-0554	EA	20' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,190.89	226.79
		For >10 To 20, Deduct	*-40.83*	
		For >20 To 40, Deduct	*-74.29*	
		For >40, Deduct	*-155.95*	
26 56 13 00-0555	EA	22' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,262.00	243.00
		For >10 To 20, Deduct	*-43.19*	
		For >20 To 40, Deduct	*-78.62*	
		For >40, Deduct	*-165.00*	
26 56 13 00-0556	EA	24' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,341.53	259.19
		For >10 To 20, Deduct	*-45.89*	
		For >20 To 40, Deduct	*-83.54*	
		For >40, Deduct	*-175.31*	
26 56 13 00-0557	EA	26' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,503.13	259.19
		For >10 To 20, Deduct	*-52.35*	
		For >20 To 40, Deduct	*-94.85*	
		For >40, Deduct	*-199.55*	
26 56 13 00-0558	EA	28' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,697.14	275.39
		For >10 To 20, Deduct	*-59.62*	
		For >20 To 40, Deduct	*-107.78*	
		For >40, Deduct	*-227.03*	
26 56 13 00-0559	EA	30' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,891.13	291.60
		For >10 To 20, Deduct	*-66.90*	
		For >20 To 40, Deduct	*-120.72*	
		For >40, Deduct	*-254.51*	
26 56 13 00-0560	EA	10' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,044.46	161.99
		For >10 To 20, Deduct	*-36.92*	
		For >20 To 40, Deduct	*-66.63*	
		For >40, Deduct	*-140.47*	
26 56 13 00-0561	EA	12' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,117.26	178.19
		For >10 To 20, Deduct	*-39.34*	
		For >20 To 40, Deduct	*-71.08*	
		For >40, Deduct	*-149.77*	
26 56 13 00-0562	EA	14' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,190.05	194.40
		For >10 To 20, Deduct	*-41.77*	
		For >20 To 40, Deduct	*-75.53*	
		For >40, Deduct	*-159.07*	
26 56 13 00-0563	EA	16' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,232.13	194.40
		For >10 To 20, Deduct	*-43.45*	
		For >20 To 40, Deduct	*-78.47*	
		For >40, Deduct	*-165.38*	
26 56 13 00-0564	EA	18' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,304.94	210.59
		For >10 To 20, Deduct	*-45.88*	
		For >20 To 40, Deduct	*-82.92*	
		For >40, Deduct	*-174.68*	
26 56 13 00-0565	EA	20' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,377.74	226.79
		For >10 To 20, Deduct	*-48.31*	
		For >20 To 40, Deduct	*-87.37*	
		For >40, Deduct	*-183.98*	
26 56 13 00-0566	EA	22' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,450.53	243.00
		For >10 To 20, Deduct	*-50.73*	
		For >20 To 40, Deduct	*-91.82*	
		For >40, Deduct	*-193.28*	
26 56 13 00-0567	EA	24' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,562.04	259.19
		For >10 To 20, Deduct	*-54.71*	
		For >20 To 40, Deduct	*-98.98*	
		For >40, Deduct	*-208.39*	
26 56 13 00-0568	EA	26' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,718.59	259.19
		For >10 To 20, Deduct	*-60.97*	
		For >20 To 40, Deduct	*-109.93*	
		For >40, Deduct	*-231.87*	
26 56 13 00-0569	EA	28' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,909.24	275.39
		For >10 To 20, Deduct	*-68.11*	
		For >20 To 40, Deduct	*-122.63*	
		For >40, Deduct	*-258.85*	
26 56 13 00-0570	EA	30' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	2,098.18	291.60
		For >10 To 20, Deduct	*-75.18*	
		For >20 To 40, Deduct	*-135.21*	
		For >40, Deduct	*-285.57*	
26 56 13 00-0571	EA	10' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,180.81	161.99
		For >10 To 20, Deduct	*-42.37*	
		For >20 To 40, Deduct	*-76.18*	
		For >40, Deduct	*-160.92*	
26 56 13 00-0572	EA	12' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,243.50	178.19
		For >10 To 20, Deduct	*-44.39*	
		For >20 To 40, Deduct	*-79.92*	
		For >40, Deduct	*-168.71*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0573	EA	14' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,304.51	194.40
		For >10 To 20, Deduct	*-46.35*	
		For >20 To 40, Deduct	*-83.54*	
		For >40, Deduct	*-176.24*	
26 56 13 00-0574	EA	16' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,333.13	194.40
		For >10 To 20, Deduct	*-47.49*	
		For >20 To 40, Deduct	*-85.54*	
		For >40, Deduct	*-180.53*	
26 56 13 00-0575	EA	18' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,394.15	210.59
		For >10 To 20, Deduct	*-49.45*	
		For >20 To 40, Deduct	*-89.17*	
		For >40, Deduct	*-188.06*	
26 56 13 00-0576	EA	20' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,456.85	226.79
		For >10 To 20, Deduct	*-51.47*	
		For >20 To 40, Deduct	*-92.91*	
		For >40, Deduct	*-195.85*	
26 56 13 00-0577	EA	22' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,576.78	243.00
		For >10 To 20, Deduct	*-55.78*	
		For >20 To 40, Deduct	*-100.66*	
		For >40, Deduct	*-212.22*	
26 56 13 00-0578	EA	24' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,716.91	259.19
		For >10 To 20, Deduct	*-60.90*	
		For >20 To 40, Deduct	*-109.82*	
		For >40, Deduct	*-231.62*	
26 56 13 00-0579	EA	26' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,814.54	259.19
		For >10 To 20, Deduct	*-64.81*	
		For >20 To 40, Deduct	*-116.65*	
		For >40, Deduct	*-246.26*	
26 56 13 00-0580	EA	28' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,946.27	275.39
		For >10 To 20, Deduct	*-69.59*	
		For >20 To 40, Deduct	*-125.22*	
		For >40, Deduct	*-264.40*	
26 56 13 00-0581	EA	30' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	2,077.98	291.60
		For >10 To 20, Deduct	*-74.37*	
		For >20 To 40, Deduct	*-133.80*	
		For >40, Deduct	*-282.54*	

26 56 13 00-0582 Factory Accessories For Fiberglass Area Light Poles *(26 56 13 00-0510)*

26 56 13 00-0583	EA	Open Or Capped Top For Fiberglass Area Light Poles	59.68
26 56 13 00-0584	EA	Factory Side Drilling Up To Four Fixtures On Fiberglass Area Light Poles	59.68
26 56 13 00-0585	EA	Smooth Shaft Finish For Fiberglass Area Light Poles	113.24
26 56 13 00-0586	EA	Vibration Dampener For Fiberglass Area Light Poles	149.97

26 56 13 00-0587 Concrete Area Light Poles *(26 56 13 00-0177)*

26 56 13 00-0588 Octagonal Tapered, Spun Concrete Area Light Poles, Anchor Base *(26 56 13 00-0587)*

26 56 13 00-0589	EA	28' High, Octagonal Tapered, Spun Concrete Area Light Pole, Anchor Base	2,352.35	550.79
26 56 13 00-0590	EA	30' High, Octagonal Tapered, Spun Concrete Area Light Pole, Anchor Base	2,479.69	583.18
26 56 13 00-0591	EA	33' High, Octagonal Tapered, Spun Concrete Area Light Pole, Anchor Base	2,573.18	599.38
26 56 13 00-0592	EA	36' High, Octagonal Tapered, Spun Concrete Area Light Pole, Anchor Base	3,221.96	615.58
26 56 13 00-0593	EA	38' High, Octagonal Tapered, Spun Concrete Area Light Pole, Anchor Base	3,585.36	647.98
26 56 13 00-0594	EA	43' High, Octagonal Tapered, Spun Concrete Area Light Pole, Anchor Base	4,430.70	842.37
26 56 13 00-0595	EA	47' High, Octagonal Tapered, Spun Concrete Area Light Pole, Anchor Base	5,303.18	1,036.77
26 56 13 00-0596	EA	27' High, Octagonal Tapered, Spun Concrete Area Light Pole, Anchor Base Note: Polished brown with acrylic coating finish.	5,219.60	550.79
26 56 13 00-0597	EA	30' High, Octagonal Tapered, Spun Concrete Area Light Pole, Anchor Base Note: Polished brown with acrylic coating finish.	6,033.15	583.18
26 56 13 00-0598	EA	Pole Adapter Base Plate, Galvanized Steel, 1" Thick For Adapting Up To 40'	678.55	194.40
26 56 13 00-0599	EA	13' High Concrete Octagonal Area Light Pole, Pink With Acrylic Coating, Finish Design	3,130.68	388.66
26 56 13 00-0600	EA	Pole Base Cover For All Octagon Poles	262.54	79.31
26 56 13 00-0601	EA	Pole Arms 24" Long, Square, 250 Watt Fixture, Dark, Architectural Bronze	539.26	158.62

26 56 13 00-0602 Tapered, Spun Concrete Area Light Poles, Direct Burial *(26 56 13 00-0587)*

Note: Round or square.

26 56 13 00-0603	EA	13' High, Tapered, Spun Concrete Area Light Pole, Direct Burial	2,584.54	259.19
26 56 13 00-0604	EA	16' High, Tapered, Spun Concrete Area Light Pole, Direct Burial	2,915.09	323.99
26 56 13 00-0605	EA	18' High, Tapered, Spun Concrete Area Light Pole, Direct Burial	3,213.54	388.78
26 56 13 00-0606	EA	30' High, Tapered, Spun Concrete Area Light Pole, Direct Burial	4,470.46	583.18
26 56 13 00-0607	EA	35' High, Tapered, Spun Concrete Area Light Pole, Direct Burial	5,165.00	615.58
26 56 13 00-0608	EA	40' High, Tapered, Spun Concrete Area Light Pole, Direct Burial	5,916.41	647.98
26 56 13 00-0609	EA	45' High, Tapered, Spun Concrete Area Light Pole, Direct Burial	6,842.73	842.37

26 56 13 00-0610 Round Tapered, Spun Concrete Area Light Poles, Direct Burial *(26 56 13 00-0587)*

26 56 13 00-0611	EA	60' High, Round Tapered, Spun Concrete Area Light Pole, Direct Burial (Lithonia SPRTC C2 60 9-22)	18,469.22	1,457.96
26 56 13 00-0612	EA	70' High, Round Tapered, Spun Concrete Area Light Pole, Direct Burial (Lithonia SPRTC C2 70 9-24)	22,048.08	1,809.22
26 56 13 00-0613	EA	80' High, Round Tapered, Spun Concrete Area Light Pole, Direct Burial (Lithonia SPRTC C1 80 9-26)	26,147.47	2,444.04

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0614		Treated Wood Area Light Poles *(26 56 13 00-0177)* See CSI section 26 05 46 00-0001 for wood poles.		
26 56 13 00-0615		Cast Iron Decorative Light Posts *(26 56 13 00-0177)*		
26 56 13 00-0616		Round Tapered, Cast Iron Decorative Light Post, Anchor Base *(26 56 13 00-0615)* Note: As manufactured by Hadco and King Luminaries or an approved equal.		
26 56 13 00-0617	EA	10' High, Round Tapered, Cast Iron Decorative Light Post, Anchor Base	1,546.77	161.99
26 56 13 00-0618	EA	12' High, Round Tapered, Cast Iron Decorative Light Post, Anchor Base	1,628.49	186.62
26 56 13 00-0619	EA	14' High, Round Tapered, Cast Iron Decorative Light Post, Anchor Base	1,767.30	194.40
26 56 13 00-0620	EA	16' High, Round Tapered, Cast Iron Decorative Light Post, Anchor Base	2,173.49	226.79
26 56 13 00-0621	EA	18' High, Round Tapered, Cast Iron Decorative Light Post, Anchor Base	2,541.75	246.24
26 56 13 00-0622	EA	20' High, Round Tapered, Cast Iron Decorative Light Post, Anchor Base	2,927.99	265.67
26 56 13 00-0623		Landscape Light Poles *(26 56 13 00-0001)* Note: Excludes lighting fixtures.		
26 56 13 00-0624		Aluminum Landscape Light Poles *(26 56 13 00-0623)* Note: Includes painted finish.		
26 56 13 00-0625		Round Straight, Aluminum Landscape Light Poles *(26 56 13 00-0624)*		
26 56 13 00-0626		Round Straight, Aluminum Landscape Light Poles, Anchor Base *(26 56 13 00-0625)*		
26 56 13 00-0627	EA	7' High, 3" OD, Round Straight, Aluminum Landscape Light Pole, Anchor Base	491.94	194.40
26 56 13 00-0628	EA	12' High, 3" OD, Round Straight, Aluminum Landscape Light Pole, Anchor Base	844.85	259.19
26 56 13 00-0629		Round Straight, Aluminum Landscape Light Poles, Direct Burial *(26 56 13 00-0625)*		
26 56 13 00-0630	EA	7' High, 3" OD, Round Straight, Aluminum Landscape Light Pole, Direct Burial	443.39	194.40
26 56 13 00-0631	EA	12' High, 3" OD, Round Straight, Aluminum Landscape Light Pole, Direct Burial	796.30	259.19
26 56 13 00-0632		Steel Landscape Light Poles *(26 56 13 00-0623)* Note: Includes painted finish.		
26 56 13 00-0633		Round Straight, Steel Landscape Light Poles *(26 56 13 00-0632)*		
26 56 13 00-0634		Round Straight, Steel Landscape Light Poles, Anchor Base *(26 56 13 00-0633)*		
26 56 13 00-0635	EA	6'-8" High, 3" OD, Round Straight, Steel Landscape Light Pole, Anchor Base	572.94	194.40
26 56 13 00-0636		Round Straight, Steel Landscape Light Poles, Direct Burial *(26 56 13 00-0633)*		
26 56 13 00-0637	EA	6'-8" High, 3" OD, Round Straight, Steel Landscape Light Pole, Direct Burial	531.69	194.40
26 56 13 00-0638		Light Pole Brackets And Arms *(26 56 13 00-0001)*		
26 56 13 00-0639		Light Pole Brackets *(26 56 13 00-0638)*		
26 56 13 00-0640		Bullhorn Style, Pole Top Area Light Brackets *(26 56 13 00-0639)*		
26 56 13 00-0641		Round Bullhorn Style, Pole Top Area Light Brackets *(26 56 13 00-0640)*		
26 56 13 00-0642		Steel, Round Bullhorn Style, Pole Top Area Light Brackets *(26 56 13 00-0641)* Note: Includes powdercoat finish.		
26 56 13 00-0643	EA	Two Tenons At 180 Degrees, Steel, Round Bullhorn Style, Pole Top Area Light Bracket	816.28	38.88
		For Galvanized Finish, Add	*73.85*	
26 56 13 00-0644	EA	Three Tenons At 180 Degrees, Steel, Round Bullhorn Style, Pole Top Area Light Bracket	1,039.10	38.88
		For Galvanized Finish, Add	*96.14*	
26 56 13 00-0645	EA	Three Tenons At 120 Degrees, Steel, Round Bullhorn Style, Pole Top Area Light Bracket	1,107.12	38.88
		For Galvanized Finish, Add	*102.94*	
26 56 13 00-0646	EA	Four Tenons At 90 Degrees, Steel, Round Bullhorn Style, Pole Top Area Light Bracket	1,526.97	38.88
		For Galvanized Finish, Add	*144.92*	
26 56 13 00-0647	EA	Four Tenons At 180 Degrees, Steel, Round Bullhorn Style, Pole Top Area Light Bracket	1,592.35	38.88
		For Galvanized Finish, Add	*151.46*	
26 56 13 00-0648		Aluminum, Round Bullhorn Style, Pole Top Area Light Brackets *(26 56 13 00-0641)* Note: Includes satin brushed or painted finish.		
26 56 13 00-0649	EA	Two Tenons At 180 Degrees, Aluminum, Round Bullhorn Style, Pole Top Area Light Bracket	266.70	38.88
		For Bronze Or Satin Anodized Finish, Add	*18.90*	
		For Black Anodized Finish, Add	*37.79*	
26 56 13 00-0650	EA	Three Tenons At 120 Degrees, Aluminum, Round Bullhorn Style, Pole Top Area Light Bracket	326.97	38.88
		For Bronze Or Satin Anodized Finish, Add	*24.92*	
		For Black Anodized Finish, Add	*49.84*	
26 56 13 00-0651	EA	Three Tenons At 180 Degrees, Aluminum, Round Bullhorn Style, Pole Top Area Light Bracket	343.20	38.88
		For Bronze Or Satin Anodized Finish, Add	*26.55*	
		For Black Anodized Finish, Add	*53.09*	
26 56 13 00-0652	EA	Four Tenons At 90 Degrees, Aluminum, Round Bullhorn Style, Pole Top Area Light Bracket	400.00	38.88
		For Bronze Or Satin Anodized Finish, Add	*32.23*	
		For Black Anodized Finish, Add	*64.45*	
26 56 13 00-0653	EA	Four Tenons At 180 Degrees, Aluminum, Round Bullhorn Style, Pole Top Area Light Bracket	411.59	38.88
		For Bronze Or Satin Anodized Finish, Add	*33.38*	
		For Black Anodized Finish, Add	*66.77*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0654		**Square Bullhorn Style, Pole Top Area Light Brackets** *(26 56 13 00-0640)*		
26 56 13 00-0655		**Steel, Square Bullhorn Style, Pole Top Area Light Brackets** *(26 56 13 00-0654)* Note: Includes powdercoat finish.		
26 56 13 00-0656	EA	Two Tenons At 180 Degrees, Steel, Square Bullhorn Style, Pole Top Area Light Bracket	879.91	38.88
		For Galvanized Finish, Add	*80.22*	
26 56 13 00-0657	EA	Three Tenons At 180 Degrees, Steel, Square Bullhorn Style, Pole Top Area Light Bracket	1,093.34	38.88
		For Galvanized Finish, Add	*101.56*	
26 56 13 00-0658	EA	Four Tenons At 180 Degrees, Steel, Square Bullhorn Style, Pole Top Area Light Bracket	1,344.02	38.88
		For Galvanized Finish, Add	*126.63*	
26 56 13 00-0659	EA	Four Tenons At 90 Degrees, Steel, Square Bullhorn Style, Pole Top Area Light Bracket	1,595.86	38.88
		For Galvanized Finish, Add	*151.81*	
26 56 13 00-0660		**Wood Pole Clamp On Style, Pole Top Area Light Brackets** *(26 56 13 00-0639)*		
26 56 13 00-0661		**Steel, Wood Pole Clamp On Style, Pole Top Area Light Brackets** *(26 56 13 00-0660)* Note: Includes powdercoat finish.		
26 56 13 00-0662	EA	One Tenon, Steel, Wood Pole Clamp On Style, Pole Top Area Light Bracket	812.71	64.80
26 56 13 00-0663	EA	Two Tenons At 90, 120 Or 180 Degrees, Steel, Wood Pole Clamp On Style, Pole Top Area Light Bracket	1,249.56	64.80
26 56 13 00-0664	EA	Three Tenons At 120 Degrees, Steel, Wood Pole Clamp On Style, Pole Top Area Light Bracket	1,766.44	64.80
26 56 13 00-0665	EA	Four Tenons At 90 Degrees, Steel, Wood Pole Clamp On Style, Pole Top Area Light Bracket	1,936.49	64.80
26 56 13 00-0666		**Light Pole Arms** *(26 56 13 00-0638)*		
26 56 13 00-0667		**Wood Pole Streetlight Arms** *(26 56 13 00-0666)*		
26 56 13 00-0668		**Steel, Wood Pole Streetlight Arms** *(26 56 13 00-0667)*		
26 56 13 00-0669	EA	1-1/4" Arm Diameter, 2-1/2' Arm Length, Galvanized Steel, Wood Pole Streetlight Arm, Bolt Mount	457.31	58.32
26 56 13 00-0670	EA	1-1/4" Arm Diameter, 3-1/2' Arm Length, Galvanized Steel, Wood Pole Streetlight Arm, Bolt Mount	481.71	64.80
26 56 13 00-0671	EA	1-1/4" Arm Diameter, 5-1/2' Arm Length, Galvanized Steel, Wood Pole Streetlight Arm, Bolt Mount	554.27	81.00
26 56 13 00-0672	EA	2" Arm Diameter, 3-1/2' Arm Length, Galvanized Steel, Wood Pole Streetlight Arm, Bolt Mount	691.04	64.80
26 56 13 00-0673	EA	2" Arm Diameter, 5-1/2' Arm Length, Galvanized Steel, Wood Pole Streetlight Arm, Bolt Mount	763.02	81.00
26 56 13 00-0674	EA	2" Arm Diameter, 7-1/2' Arm Length, Galvanized Steel, Wood Pole Streetlight Arm, Bolt Mount	927.07	97.20
26 56 13 00-0675		**Aluminum, Wood Pole Streetlight Arms** *(26 56 13 00-0667)*		
26 56 13 00-0676	EA	1-1/4" Arm Diameter, 42" Arm Length, Aluminum Arm, Wood Pole Streetlight Arm, Bolt Mount	259.39	64.80
26 56 13 00-0677	EA	2" Arm Diameter, 42" Arm Length, Aluminum Arm, Wood Pole Streetlight Arm, Bolt Mount	325.96	64.80
26 56 13 00-0678	EA	2" Arm Diameter, 66" Arm Length, Aluminum Arm, Wood Pole Streetlight Arm, Bolt Mount	437.45	81.00
26 56 13 00-0679	EA	2" Arm Diameter, 90" Arm Length, Aluminum Arm, Wood Pole Streetlight Arm, Bolt Mount	576.54	97.20
26 56 13 00-0680		**Area Light Arms** *(26 56 13 00-0666)*		
26 56 13 00-0681		**Steel Area Light Arms** *(26 56 13 00-0680)*		
26 56 13 00-0682	EA	Single, 2.38" Arm Diameter, 4' Arm Length, Upsweep Style, Steel Area Light Arm, Hub Mount	908.47	64.80
26 56 13 00-0683	EA	Two, 2.38" Arm Diameter, 4' Arm Length, Upsweep Style, Steel Area Light Arms, Hub Mount	1,447.79	71.27
26 56 13 00-0684	EA	Three, 2.38" Arm Diameter, 4' Arm Length, Upsweep Style, Steel Area Light Arms, Hub Mount	1,609.83	77.75
26 56 13 00-0685	EA	Four, 2.38" Arm Diameter, 4' Arm Length, Upsweep Style, Steel Area Light Arms, Hub Mount	1,917.90	84.24
26 56 13 00-0686	EA	Single, 2.38" Arm Diameter, 6' Arm Length, Upsweep Style, Steel Area Light Arm, Hub Mount	1,080.82	81.00
26 56 13 00-0687	EA	Two, 2.38" Arm Diameter, 6' Arm Length, Upsweep Style, Steel Area Light Arms, Hub Mount	1,565.37	87.48
26 56 13 00-0688		**Aluminum Area Light Arms** *(26 56 13 00-0680)*		
26 56 13 00-0689	EA	Single, 4' Arm Length, Mast Style, Aluminum Area Light Arm, Bolt Mount	318.54	64.80
26 56 13 00-0690	EA	Single, 6' Arm Length, Mast Style, Aluminum Area Light Arm, Bolt Mount	392.67	81.00
26 56 13 00-0691	EA	Single, 8' Arm Length, Mast Style, Aluminum Area Light Arm, Bolt Mount	469.13	97.20
26 56 13 00-0692	EA	Single, 4' Arm Length, Mast Style, Aluminum Area Light Arm, Hub Mount	316.22	64.80
26 56 13 00-0693	EA	Two, 4' Arm Length, Mast Style, Aluminum Area Light Arms, Hub Mount	454.38	71.27
26 56 13 00-0694	EA	Single, 6' Arm Length, Mast Style, Aluminum Area Light Arm, Hub Mount	388.03	81.00
26 56 13 00-0695	EA	Two, 6' Arm Length, Mast Style, Aluminum Area Light Arms, Hub Mount	554.00	87.48
26 56 13 00-0696	EA	Single, 8' Arm Length, Mast Style, Aluminum Area Light Arm, Hub Mount	471.44	97.20
26 56 13 00-0697	EA	Two, 8' Arm Length, Mast Style, Aluminum Area Light Arms, Hub Mount	673.34	103.68
26 56 13 00-0698		**Removal And Reinstallation Of Lighting Pole** *(26 56 13 00-0001)*		
26 56 13 00-0699	EA	Removal And Relocation Of Up To 45' Lighting Pole And Standards With One Or Two Arms	2,138.54	
26 56 13 00-0700		**High Mast Lighting** *(26 56 13 00-0001)*		
26 56 13 00-0701		**High Mast Lighting Assemblies** *(26 56 13 00-0700)* Note: Includes non-latching system, ring assembly with internal bumper, acrylic top cover, pulley supports, cast arm filter for pipe tension, transition assembly, standard head frame assembly, standard hoist, and powder coated pole. See CSI section 26 56 21 00-0001 for high mast fixtures.		
26 56 13 00-0702	EA	60' High Mast Lighting Assembly	56,975.14	2,008.30
26 56 13 00-0703	EA	70' High Mast Lighting Assembly	60,185.96	2,103.39
26 56 13 00-0704	EA	80' High Mast Lighting Assembly	63,427.09	2,240.77

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0705	EA	90' High Mast Lighting Assembly	66,696.59	2,420.42
26 56 13 00-0706	EA	100' High Mast Lighting Assembly	69,980.56	2,642.27
26 56 13 00-0707	EA	110' High Mast Lighting Assembly	74,206.23	2,906.70
26 56 13 00-0708	EA	120' High Mast Lighting Assembly	77,614.40	3,170.91
26 56 13 00-0709	EA	130' High Mast Lighting Assembly	80,759.27	3,435.11
26 56 13 00-0710	EA	140' High Mast Lighting Assembly	84,167.45	3,699.45
26 56 13 00-0711	EA	150' High Mast Lighting Assembly	88,320.68	3,963.66

26 56 13 00-0712 High Mast Light Poles *(26 56 13 00-0700)*

26 56 13 00-0713	EA	60' High Mast Light Poles	21,549.61	1,206.15
26 56 13 00-0714	EA	70' High Mast Light Poles	24,731.87	1,263.28
26 56 13 00-0715	EA	80' High Mast Light Poles	27,931.75	1,345.81
26 56 13 00-0716	EA	90' High Mast Light Poles	31,147.30	1,453.72
26 56 13 00-0717	EA	100' High Mast Light Poles	34,380.47	1,587.04
26 56 13 00-0718	EA	110' High Mast Light Poles	37,631.28	1,745.74
26 56 13 00-0719	EA	120' High Mast Light Poles	40,082.43	1,904.45
26 56 13 00-0720	EA	130' High Mast Light Poles	40,205.17	3,529.57
26 56 13 00-0721	EA	140' High Mast Light Poles	44,719.47	2,221.85
26 56 13 00-0722	EA	150' High Mast Light Poles	47,435.86	2,380.56

26 56 13 00-0723 High Mast Lighting Accessories *(26 56 13 00-0700)*

See CSI section 26 55 13 00-0119 for lighting fixtures, 26 56 21 00-0001 for light fixtures.

26 56 13 00-0724	EA	Bottom Latching System For High Mast Lighting	1,004.10
26 56 13 00-0725	EA	Top Latching System For High Mast Lighting	2,845.69
26 56 13 00-0726	EA	Centering Springs For High Mast Lighting	2,155.23
26 56 13 00-0727	EA	Electric Power Cord For High Mast Lighting	905.01
26 56 13 00-0728	EA	Aircraft Warning Lights For High Mast Lighting	1,684.57
26 56 13 00-0729	EA	Internal Motorized Hoist For High Mast Lighting	18,449.71
26 56 13 00-0730	EA	Portable Hoist Motor With Step Down Transformer For High Mast Lighting	18,554.18

26 56 13 00-0731 Concrete Bases *(26 56 13 00-0001)*

26 56 13 00-0732 Concrete Bases, Cast In Place *(26 56 13 00-0731)*

Note: Includes excavation/drilling, concrete, reinforcement, forms for exposed base, anchors/supports and backfill. Excludes conduit.

26 56 13 00-0733	EA	Cast In Place Concrete Base For Poles Minimum Charge Note: For projects where the cast in place concrete base for poles charge is less than the minimum charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	445.64
26 56 13 00-0734	VLF	1-1/2' Diameter Concrete Base For Poles	70.31
26 56 13 00-0735	VLF	2' Diameter Concrete Base For Poles	99.71
26 56 13 00-0736	VLF	2-1/2' Diameter Concrete Base For Poles	135.72
26 56 13 00-0737	VLF	3' Diameter Concrete Base For Poles	179.42
26 56 13 00-0738	VLF	3-1/2' Diameter Concrete Base For Poles	240.05
26 56 13 00-0739	VLF	4' Diameter Concrete Base For Poles	302.75
26 56 13 00-0740	VLF	5' Diameter Concrete Base For Poles	442.29
26 56 13 00-0741	VLF	6' Diameter Concrete Base For Poles	610.81

26 56 18 Incandescent Exterior Lighting *(26 56)*

26 56 18 00-0001 Exterior Globe *(26 56 18)*

26 56 18 00-0002 Incandescent, Exterior Globe *(26 56 18 00-0001)*

26 56 18 00-0003	EA	100 Watt Incandescent, Enclosed And Gasketed, Exterior Wall Fixture	57.24	21.18
26 56 18 00-0004	EA	150 To 200 Watt Incandescent, Enclosed And Gasketed, Exterior Wall Fixture	87.55	21.18
26 56 18 00-0005	EA	100 Watt Incandescent, Enclosed And Gasketed With Guard, Exterior Wall Fixture	66.99	21.18
26 56 18 00-0006	EA	150 To 200 Watt Incandescent, Enclosed And Gasketed With Guard, Exterior Wall Fixture	91.31	21.18

26 56 18 00-0007 Compact Fluorescent And Incandescent, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixtures *(26 56 18)*

Note: Includes cast aluminum powder coated housing, polycarbonate lens and tamperproof screws.

26 56 18 00-0008	EA	7 Watt Fluorescent, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	256.24	84.71
26 56 18 00-0009	EA	9 Watt Fluorescent, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	266.87	90.01
26 56 18 00-0010	EA	13 Or 14 Watt Fluorescent, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	294.47	95.30
26 56 18 00-0011	EA	75 Watt Incandescent, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	283.71	105.89
26 56 18 00-0012	EA	100 Watt Incandescent, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	318.98	121.77

26 56 19 LED Exterior Lighting *(26 56)*

26 56 19 00-0001 LED, Wall Packs *(26 56 19)*

26 56 19 00-0002 Full Cutoff, LED Wall Packs *(26 56 19 00-0001)*

26 56 19 00-0003 Full Cutoff, LED Wall Packs (Lithonia) *(26 56 19 00-0002)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0004	EA	30 LEDs, 57 Watt, 530 mA Drive Current, Full Cutoff, LED Wall Pack (Lithonia CSXW LED)	954.61	113.52
		For >50 To 100, Deduct	*-47.73*	
		For >100 To 250, Deduct	*-71.60*	
		For >250 To 500, Deduct	*-113.65*	
		For >500 To 1000, Deduct	*-155.70*	
		For >1000, Deduct	*-197.76*	
26 56 19 00-0005	EA	30 LEDs, 35 Watt, 350 mA Drive Current, Full Cutoff, LED Wall Pack (Lithonia CSXW LED)	1,033.59	113.52
		For >50 To 100, Deduct	*-51.68*	
		For >100 To 250, Deduct	*-77.52*	
		For >250 To 500, Deduct	*-123.52*	
		For >500 To 1000, Deduct	*-169.53*	
		For >1000, Deduct	*-215.53*	

26 56 19 00-0006 Full Cutoff, LED Wall Packs (CREE® BetaLED®) *(26 56 19 00-0002)*

26 56 19 00-0007 Wall Mount, Full Cutoff, LED Wall Packs (CREE® BetaLED® Edge® SEC-EDG) *(26 56 19 00-0006)*

Note: UL wet listed. Includes 4,000K or 5,700K color temperature, 120-277 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.

26 56 19 00-0008	EA	20 LEDs, 26 Watt, Wall Mount, Full Cutoff, LED Wall Pack (CREE® BetaLED® Edge® SEC-EDG) Note: Includes 350mA or 525mA driver.	1,035.44	110.28
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*22.49*	
		For Bird Spikes, Add	*53.54*	
		For Fuse, Add	*67.48*	
		For 0 To 10 Volt Dimming, Add	*67.48*	
		For 480 Volt, Add	*101.23*	
		For Multi-Level, Add	*146.21*	
		For >50 To 100, Deduct	*-51.77*	
		For >100 To 250, Deduct	*-77.66*	
		For >250 To 500, Deduct	*-123.92*	
		For >500 To 1000, Deduct	*-170.17*	
		For >1000, Deduct	*-216.43*	
26 56 19 00-0009	EA	40 LEDs, 47 Watt, Wall Mount, Full Cutoff, LED Wall Pack (CREE® BetaLED® Edge® SEC-EDG) Note: Includes 350mA or 525mA driver.	1,343.67	116.76
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*22.49*	
		For Bird Spikes, Add	*54.19*	
		For Fuse, Add	*67.48*	
		For 0 To 10 Volt Dimming, Add	*67.48*	
		For 480 Volt, Add	*101.23*	
		For Multi-Level, Add	*146.21*	
		For >50 To 100, Deduct	*-67.18*	
		For >100 To 250, Deduct	*-100.78*	
		For >250 To 500, Deduct	*-162.12*	
		For >500 To 1000, Deduct	*-223.47*	
		For >1000, Deduct	*-284.81*	
26 56 19 00-0010	EA	60 LEDs, 68 Watt, Wall Mount, Full Cutoff, LED Wall Pack (CREE® BetaLED® Edge® SEC-EDG) Note: Includes 350mA or 525mA driver.	1,509.15	123.25
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*22.49*	
		For Bird Spikes, Add	*54.84*	
		For Fuse, Add	*67.48*	
		For 0 To 10 Volt Dimming, Add	*67.48*	
		For 480 Volt, Add	*101.23*	
		For Multi-Level, Add	*146.21*	
		For >50 To 100, Deduct	*-75.46*	
		For >100 To 250, Deduct	*-113.19*	
		For >250 To 500, Deduct	*-182.48*	
		For >500 To 1000, Deduct	*-251.78*	
		For >1000, Deduct	*-321.07*	
26 56 19 00-0011	EA	80 LEDs, 90 Watt, Wall Mount, Full Cutoff, LED Wall Pack (CREE® BetaLED® Edge® SEC-EDG) Note: Includes 350mA or 525mA driver.	1,960.13	129.74
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*22.49*	
		For Bird Spikes, Add	*55.48*	
		For Fuse, Add	*67.48*	
		For 0 To 10 Volt Dimming, Add	*67.48*	
		For 480 Volt, Add	*101.23*	
		For Multi-Level, Add	*146.21*	
		For >50 To 100, Deduct	*-98.01*	
		For >100 To 250, Deduct	*-147.01*	
		For >250 To 500, Deduct	*-238.53*	
		For >500 To 1000, Deduct	*-330.05*	
		For >1000, Deduct	*-421.57*	
26 56 19 00-0012	EA	100 LEDs, 111 Watt, Wall Mount, Full Cutoff, LED Wall Pack (CREE® BetaLED® Edge® SEC-EDG)	2,268.36	136.23
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*22.49*	
		For Bird Spikes, Add	*56.13*	
		For Fuse, Add	*67.48*	
		For 0 To 10 Volt Dimming, Add	*67.48*	
		For 480 Volt, Add	*101.23*	
		For Multi-Level, Add	*146.21*	
		For >50 To 100, Deduct	*-113.42*	
		For >100 To 250, Deduct	*-170.13*	
		For >250 To 500, Deduct	*-276.73*	
		For >500 To 1000, Deduct	*-383.34*	
		For >1000, Deduct	*-489.95*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0013	EA	120 LEDs, 132 Watt, Wall Mount, Full Cutoff, LED Wall Pack (CREE® BetaLED® Edge® SEC-EDG)	2,576.58	142.72
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*22.49*	
		For Bird Spikes, Add	*56.78*	
		For Fuse, Add	*67.48*	
		For 0 To 10 Volt Dimming, Add	*67.48*	
		For 480 Volt, Add	*101.23*	
		For Multi-Level, Add	*146.21*	
		For >50 To 100, Deduct	*-128.83*	
		For >100 To 250, Deduct	*-193.24*	
		For >250 To 500, Deduct	*-314.94*	
		For >500 To 1000, Deduct	*-436.63*	
		For >1000, Deduct	*-558.32*	
26 56 19 00-0014		Wall Mount, Full Cutoff, LED Wall Packs (CREE® BetaLED® XSPW™) *(26 56 19 00-0006)*		
		Note: UL wet listed. Includes 4,000K or 5,700K color temperature, 120-277 voltage, Class 2 driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		
26 56 19 00-0015	EA	25 Watt, Wall Mount, Full Cutoff, LED Wall Pack (CREE® BetaLED® XSPW™)	597.00	110.28
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*22.49*	
		For 0 To 10 Volt Dimming, Add	*67.48*	
		For Multi-Level, Add	*67.48*	
		For >50 To 100, Deduct	*-29.85*	
		For >100 To 250, Deduct	*-44.78*	
		For >250 To 500, Deduct	*-69.11*	
		For >500 To 1000, Deduct	*-93.45*	
		For >1000, Deduct	*-117.78*	
26 56 19 00-0016	EA	42 Watt, Wall Mount, Full Cutoff, LED Wall Pack (CREE® BetaLED® XSPW™)	697.81	116.76
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*22.49*	
		For 0 To 10 Volt Dimming, Add	*67.48*	
		For Multi-Level, Add	*67.48*	
		For >50 To 100, Deduct	*-34.89*	
		For >100 To 250, Deduct	*-52.34*	
		For >250 To 500, Deduct	*-81.39*	
		For >500 To 1000, Deduct	*-110.44*	
		For >1000, Deduct	*-139.49*	
26 56 19 00-0017		Full Cutoff, LED Wall Packs (McGraw-Edison) *(26 56 19 00-0002)*		
26 56 19 00-0018	EA	One 7 LED Light Bar, 27 System Watts, 1 A Drive Current, Full Cutoff, LED Wall Pack (McGraw-Edison IST)	1,282.28	110.28
26 56 19 00-0019	EA	Two 7 LED Light Bars, 54 System Watts, 1 A Drive Current, Full Cutoff, LED Wall Pack (McGraw-Edison IST)	1,596.71	116.76
26 56 19 00-0020	EA	One 21 LED Light Bar, 27 System Watts, 350 mA Drive Current, Full Cutoff, LED Wall Pack (McGraw-Edison IST)	1,297.79	110.28
26 56 19 00-0021	EA	Two 21 LED Light Bars, 51 System Watts, 350 mA Drive Current, Full Cutoff, LED Wall Pack (McGraw-Edison IST)	1,738.57	116.76
26 56 19 00-0022		Open Face LED Wall Pack *(26 56 19 00-0001)*		
		Note: Heavy-duty cast aluminum housing is polyester powder coated to be rust and corrosion proof, High-quality shatter-resistant glass		
26 56 19 00-0023	EA	3,640 Lumens, 28 Watt, Open Face LED Wall Pack, With Motion Sensor (Maxlite WP-OP28U-50B-MS)	731.46	115.91
		For >50 To 100, Deduct	*-36.57*	
		For >100 To 250, Deduct	*-54.86*	
		For >250 To 500, Deduct	*-82.74*	
		For >500 To 1000, Deduct	*-110.62*	
		For >1000, Deduct	*-138.50*	
26 56 19 00-0024	EA	5,540 Lumens, 40 Watt, Open Face LED Wall Pack, With Motion Sensor (Maxlite WP-OP40U-50B-MS)	788.23	115.91
		For >50 To 100, Deduct	*-39.41*	
		For >100 To 250, Deduct	*-59.12*	
		For >250 To 500, Deduct	*-89.84*	
		For >500 To 1000, Deduct	*-120.55*	
		For >1000, Deduct	*-151.27*	
26 56 19 00-0025	EA	7,065 Lumens, 50 Watt, Open Face LED Wall Pack, With Motion Sensor (Maxlite WP-OP50U-50B-MS)	817.96	115.91
		For >50 To 100, Deduct	*-40.90*	
		For >100 To 250, Deduct	*-61.35*	
		For >250 To 500, Deduct	*-93.55*	
		For >500 To 1000, Deduct	*-125.76*	
		For >1000, Deduct	*-157.96*	
26 56 19 00-0026	EA	11,375 Lumens, 80 Watt, Open Face LED Wall Pack, With Motion Sensor (Maxlite WP-OP80U-50B-MS)	842.08	115.91
		For >50 To 100, Deduct	*-42.10*	
		For >100 To 250, Deduct	*-63.16*	
		For >250 To 500, Deduct	*-96.57*	
		For >500 To 1000, Deduct	*-129.98*	
		For >1000, Deduct	*-163.39*	
26 56 19 00-0027	EA	16,945 Lumens, 120 Watt, Open Face LED Wall Pack, With Motion Sensor (Maxlite WP-OP120U-50B-MS)	1,022.95	115.91
		For >50 To 100, Deduct	*-51.15*	
		For >100 To 250, Deduct	*-76.72*	
		For >250 To 500, Deduct	*-119.18*	
		For >500 To 1000, Deduct	*-161.63*	
		For >1000, Deduct	*-204.09*	
26 56 19 00-0028		Wall Pack Accessories *(26 56 19 00-0001)*		
26 56 19 00-0029	EA	Photocell For Wall Pack	136.07	28.98
26 56 19 00-0030	EA	Wire Guard For Mini And Small Wall Pack	152.40	28.98
26 56 19 00-0031	EA	Wire Guard For Medium And Large Wall Pack	220.69	28.98

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0032	EA	Clear Polycarbonate Vandal Guard For Wall Packs	319.24	28.98
26 56 19 00-0033	EA	Full Cutoff Visor For Wall Pack	147.95	28.98

26 56 19 00-0034 LED, Roadway Lighting *(26 56 19)*

26 56 19 00-0035 LED Roadway Lighting (Philips Lumec) *(26 56 19 00-0034)*

26 56 19 00-0036 Horizontal Tenon Mount, LED Cobra Head Street Lights (Philips Lumec GPL Series) *(26 56 19 00-0035)*

Note: UL wet listed. Includes 4,000K color temperature, 120-480 voltage, 570mA driver, die-cast extruded aluminum housing assembly and powder coat finish. Excludes sensors.

26 56 19 00-0037	EA	49 LEDs, 102 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (Philips Lumec GPLS Series)	1,431.32	156.01
		For >50 To 100, Deduct	*-71.57*	
		For >100 To 250, Deduct	*-107.35*	
		For >250 To 500, Deduct	*-171.11*	
		For >500 To 1000, Deduct	*-234.88*	
		For >1000, Deduct	*-298.64*	
26 56 19 00-0038	EA	98 LEDs, 204 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (Philips Lumec GPLM Series)	2,230.23	160.23
		For >50 To 100, Deduct	*-111.51*	
		For >100 To 250, Deduct	*-167.27*	
		For >250 To 500, Deduct	*-270.77*	
		For >500 To 1000, Deduct	*-374.27*	
		For >1000, Deduct	*-477.77*	

26 56 19 00-0039 Horizontal Tenon Mount, LED Cobra Head Street Lights (Philips Lumec RFM Series) *(26 56 19 00-0035)*

Note: UL wet listed. Includes 3,000 to 4,000K color temperature, 120-277 voltage, up to 1050mA driver, die-cast extruded aluminum housing assembly and powder coat finish. Excludes sensors.

26 56 19 00-0040	EA	48 LEDs, 55 Watt, Type III Medium, 120-277 Volt, Horizontal Tenon Mount, LED Cobra Head Street Light (Philips Lumec RFM Series)	1,150.01	156.01
		For >50 To 100, Deduct	*-57.50*	
		For >100 To 250, Deduct	*-86.25*	
		For >250 To 500, Deduct	*-135.95*	
		For >500 To 1000, Deduct	*-185.65*	
		For >1000, Deduct	*-235.35*	
26 56 19 00-0041	EA	48 LEDs, 80 Watt, Type III Medium, 120-277 Volt, RoadFocus Roadway, LED Cobra Head Luminaire (Philips Lumec RFM Series)	1,233.81	156.01
		For >50 To 100, Deduct	*-61.69*	
		For >100 To 250, Deduct	*-92.54*	
		For >250 To 500, Deduct	*-146.43*	
		For >500 To 1000, Deduct	*-200.32*	
		For >1000, Deduct	*-254.21*	
26 56 19 00-0042	EA	48 LEDs, 108 Watt, Type III Medium, 120-277 Volt, RoadFocus Roadway, LED Cobra Head Luminaire (Philips Lumec RFM Series)	1,317.61	156.01
		For >50 To 100, Deduct	*-65.88*	
		For >100 To 250, Deduct	*-98.82*	
		For >250 To 500, Deduct	*-156.90*	
		For >500 To 1000, Deduct	*-214.98*	
		For >1000, Deduct	*-273.06*	

26 56 19 00-0043 LED Roadway Lighting (Lithonia) *(26 56 19 00-0034)*

26 56 19 00-0044 Horizontal Tenon Mount, LED Cobra Head Street Lights (Lithonia CSX1 Series) *(26 56 19 00-0043)*

Note: UL wet listed. Includes 4,000K color temperature, 120-480 voltage, 700mA driver, die-cast extruded aluminum housing assembly and bronze powder coat finish. Excludes sensors.

26 56 19 00-0045	EA	30 LEDs, 74 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (Lithonia CSX1 Series)	2,336.30	147.58
		For >50 To 100, Deduct	*-116.82*	
		For >100 To 250, Deduct	*-175.22*	
		For >250 To 500, Deduct	*-284.66*	
		For >500 To 1000, Deduct	*-394.10*	
		For >1000, Deduct	*-503.53*	
26 56 19 00-0046	EA	60 LEDs, 146 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (Lithonia CSX1 Series)	3,884.52	151.80
		For >50 To 100, Deduct	*-194.23*	
		For >100 To 250, Deduct	*-291.34*	
		For >250 To 500, Deduct	*-477.98*	
		For >500 To 1000, Deduct	*-664.61*	
		For >1000, Deduct	*-851.25*	

26 56 19 00-0047 LED Roadway Lighting (CREE® BetaLED®) *(26 56 19 00-0034)*

26 56 19 00-0048 Horizontal Tenon Mount, LED Cobra Head Street Lights (CREE® BetaLED® LEDway® STR-LWY) *(26 56 19 00-0047)*

Note: UL wet listed. Includes 6,000K color temperature, 120-480 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Includes Type II Medium, Type II Short or Type III Medium optic. Excludes sensors.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0049	EA	20 LEDs, 25 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY)	939.04	143.36
		For >50 To 100, Deduct	*-46.95*	
		For >100 To 250, Deduct	*-70.43*	
		For >250 To 500, Deduct	*-110.21*	
		For >500 To 1000, Deduct	*-150.00*	
		For >1000, Deduct	*-189.78*	
26 56 19 00-0050	EA	30 LEDs, 35 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY)	1,058.08	147.58
		For >50 To 100, Deduct	*-52.90*	
		For >100 To 250, Deduct	*-79.36*	
		For >250 To 500, Deduct	*-124.88*	
		For >500 To 1000, Deduct	*-170.41*	
		For >1000, Deduct	*-215.93*	
26 56 19 00-0051	EA	40 LEDs, 45 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY)	1,201.94	151.80
		For >50 To 100, Deduct	*-60.10*	
		For >100 To 250, Deduct	*-90.15*	
		For >250 To 500, Deduct	*-142.65*	
		For >500 To 1000, Deduct	*-195.16*	
		For >1000, Deduct	*-247.67*	
26 56 19 00-0052	EA	50 LEDs, 55 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY)	1,322.91	156.01
		For >50 To 100, Deduct	*-66.15*	
		For >100 To 250, Deduct	*-99.22*	
		For >250 To 500, Deduct	*-157.56*	
		For >500 To 1000, Deduct	*-215.91*	
		For >1000, Deduct	*-274.25*	
26 56 19 00-0053	EA	60 LEDs, 65 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY)	1,443.86	160.23
		For >50 To 100, Deduct	*-72.19*	
		For >100 To 250, Deduct	*-108.29*	
		For >250 To 500, Deduct	*-172.47*	
		For >500 To 1000, Deduct	*-236.65*	
		For >1000, Deduct	*-300.83*	
26 56 19 00-0054	EA	70 LEDs, 75 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY)	1,732.68	164.44
		For >50 To 100, Deduct	*-86.63*	
		For >100 To 250, Deduct	*-129.95*	
		For >250 To 500, Deduct	*-208.36*	
		For >500 To 1000, Deduct	*-286.77*	
		For >1000, Deduct	*-365.19*	
26 56 19 00-0055	EA	80 LEDs, 86 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY)	1,853.65	168.66
		For >50 To 100, Deduct	*-92.68*	
		For >100 To 250, Deduct	*-139.02*	
		For >250 To 500, Deduct	*-223.27*	
		For >500 To 1000, Deduct	*-307.52*	
		For >1000, Deduct	*-391.77*	
26 56 19 00-0056	EA	90 LEDs, 96 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY)	1,972.70	172.88
		For >50 To 100, Deduct	*-98.64*	
		For >100 To 250, Deduct	*-147.95*	
		For >250 To 500, Deduct	*-237.94*	
		For >500 To 1000, Deduct	*-327.94*	
		For >1000, Deduct	*-417.93*	
26 56 19 00-0057	EA	100 LEDs, 111 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY)	2,206.20	177.09
		For >50 To 100, Deduct	*-110.31*	
		For >100 To 250, Deduct	*-165.47*	
		For >250 To 500, Deduct	*-266.92*	
		For >500 To 1000, Deduct	*-368.38*	
		For >1000, Deduct	*-469.83*	
26 56 19 00-0058	EA	110 LEDs, 122 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY)	2,327.17	181.31
		For >50 To 100, Deduct	*-116.36*	
		For >100 To 250, Deduct	*-174.54*	
		For >250 To 500, Deduct	*-281.83*	
		For >500 To 1000, Deduct	*-389.12*	
		For >1000, Deduct	*-496.42*	
26 56 19 00-0059	EA	120 LEDs, 133 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY)	2,448.13	185.53
		For >50 To 100, Deduct	*-122.41*	
		For >100 To 250, Deduct	*-183.61*	
		For >250 To 500, Deduct	*-296.74*	
		For >500 To 1000, Deduct	*-409.87*	
		For >1000, Deduct	*-523.00*	

26 56 19 00-0060 Surface Mount, LED Transportation Fixtures (CREE® BetaLED® Edge® TSP-EDG) *(26 56 19 00-0047)*

Note: Direct, cantenary or pendant mount. UL wet listed. Includes 5,700K color temperature, 120-480 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0061	EA	40 LEDs, 47 Watt, Surface Mount, LED Transportation Fixture (CREE® BetaLED® Edge® TSP-EDG)	1,898.11	151.80
		For Multi-Level Drive Currents, Add	*267.03*	
		For >50 To 100, Deduct	*-94.91*	
		For >100 To 250, Deduct	*-142.36*	
		For >250 To 500, Deduct	*-229.67*	
		For >500 To 1000, Deduct	*-316.99*	
		For >1000, Deduct	*-404.31*	
26 56 19 00-0062	EA	60 LEDs, 68 Watt, Surface Mount, LED Transportation Fixture (CREE® BetaLED® Edge® TSP-EDG)	2,195.35	160.23
		For Multi-Level Drive Currents, Add	*267.03*	
		For >50 To 100, Deduct	*-109.77*	
		For >100 To 250, Deduct	*-164.65*	
		For >250 To 500, Deduct	*-266.41*	
		For >500 To 1000, Deduct	*-368.16*	
		For >1000, Deduct	*-469.92*	
26 56 19 00-0063	EA	80 LEDs, 90 Watt, Surface Mount, LED Transportation Fixture (CREE® BetaLED® Edge® TSP-EDG)	2,492.61	168.66
		For Multi-Level Drive Currents, Add	*267.03*	
		For >50 To 100, Deduct	*-124.63*	
		For >100 To 250, Deduct	*-186.95*	
		For >250 To 500, Deduct	*-303.14*	
		For >500 To 1000, Deduct	*-419.34*	
		For >1000, Deduct	*-535.54*	
26 56 19 00-0064	EA	100 LEDs, 111 Watt, Surface Mount, LED Transportation Fixture (CREE® BetaLED® Edge® TSP-EDG)	2,789.84	177.09
		For Multi-Level Drive Currents, Add	*267.03*	
		For >50 To 100, Deduct	*-139.49*	
		For >100 To 250, Deduct	*-209.24*	
		For >250 To 500, Deduct	*-339.88*	
		For >500 To 1000, Deduct	*-470.51*	
		For >1000, Deduct	*-601.15*	
26 56 19 00-0065	EA	120 LEDs, 132 Watt, Surface Mount, LED Transportation Fixture (CREE® BetaLED® Edge® TSP-EDG)	3,682.17	185.53
		For Multi-Level Drive Currents, Add	*267.03*	
		For >50 To 100, Deduct	*-184.11*	
		For >100 To 250, Deduct	*-276.16*	
		For >250 To 500, Deduct	*-451.00*	
		For >500 To 1000, Deduct	*-625.83*	
		For >1000, Deduct	*-800.66*	
26 56 19 00-0066	EA	140 LEDs, 157 Watt, Surface Mount, LED Transportation Fixture (CREE® BetaLED® Edge® TSP-EDG)	3,979.42	193.96
		For Multi-Level Drive Currents, Add	*267.03*	
		For >50 To 100, Deduct	*-198.97*	
		For >100 To 250, Deduct	*-298.46*	
		For >250 To 500, Deduct	*-487.73*	
		For >500 To 1000, Deduct	*-677.00*	
		For >1000, Deduct	*-866.27*	
26 56 19 00-0067	EA	160 LEDs, 179 Watt, Surface Mount, LED Transportation Fixture (CREE® BetaLED® Edge® TSP-EDG)	4,276.66	202.39
		For Multi-Level Drive Currents, Add	*267.03*	
		For >50 To 100, Deduct	*-213.83*	
		For >100 To 250, Deduct	*-320.75*	
		For >250 To 500, Deduct	*-524.46*	
		For >500 To 1000, Deduct	*-728.18*	
		For >1000, Deduct	*-931.89*	

26 56 19 00-0068 Horizontal Tenon Mount, LED Cobra Head Street Lights (CREE® BetaLED® XSP) *(26 56 19 00-0047)*

Note: UL wet listed. Includes 120-277 voltage, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.

26 56 19 00-0069	EA	4,806 Lumens, 4000K CCT, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSP1™ BXSP-B-HT-XXX-A)	773.63	151.80
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*22.49*	
		For Backlight Control Shield, Add	*36.45*	
		For Field Adjustable Output, Add	*33.75*	
		For Bird Spikes, Add	*57.69*	
		For Field Adjustable Output And Utility Label, Add	*44.99*	
		For Fuse, Add	*67.48*	
		For Field Adjustable Output, Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add	*67.48*	
		For 480 Volt, Add	*101.23*	
		For Multi-Level, Add	*146.21*	
		For >50 To 100, Deduct	*-38.68*	
		For >100 To 250, Deduct	*-58.02*	
		For >250 To 500, Deduct	*-89.11*	
		For >500 To 1000, Deduct	*-120.21*	
		For >1000, Deduct	*-151.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0070	EA	5,340 Lumens, 5700K, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSP1™ BXSP-B-HT-XXX-A)	773.63	151.80
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*22.49*	
		For Backlight Control Shield, Add	*36.45*	
		For Field Adjustable Output, Add	*33.75*	
		For Bird Spikes, Add	*57.69*	
		For Field Adjustable Output And Utility Label, Add	*44.99*	
		For Fuse, Add	*67.48*	
		For Field Adjustable Output, Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add	*67.48*	
		For 480 Volt, Add	*101.23*	
		For Multi-Level, Add	*146.21*	
		For >50 To 100, Deduct	*-38.68*	
		For >100 To 250, Deduct	*-58.02*	
		For >250 To 500, Deduct	*-89.11*	
		For >500 To 1000, Deduct	*-120.21*	
		For >1000, Deduct	*-151.30*	
26 56 19 00-0071	EA	8,407 Lumens, 4000K CCT, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSP1™ BXSP-C-HT-XXX-E)	858.66	151.80
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*22.49*	
		For Backlight Control Shield, Add	*36.45*	
		For Field Adjustable Output, Add	*33.75*	
		For Bird Spikes, Add	*57.69*	
		For Field Adjustable Output And Utility Label, Add	*44.99*	
		For Field Adjustable Output, Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add	*67.48*	
		For 480 Volt, Add	*101.23*	
		For >50 To 100, Deduct	*-42.93*	
		For >100 To 250, Deduct	*-64.40*	
		For >250 To 500, Deduct	*-99.74*	
		For >500 To 1000, Deduct	*-135.09*	
		For >1000, Deduct	*-170.43*	
26 56 19 00-0072	EA	8,820 Lumens, 5700K, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSP1™ BXSP-C-HT-XXX-E)	858.66	151.80
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*22.49*	
		For Backlight Control Shield, Add	*36.45*	
		For Field Adjustable Output, Add	*33.75*	
		For Bird Spikes, Add	*57.69*	
		For Field Adjustable Output And Utility Label, Add	*44.99*	
		For Field Adjustable Output, Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add	*67.48*	
		For 480 Volt, Add	*101.23*	
		For >50 To 100, Deduct	*-42.93*	
		For >100 To 250, Deduct	*-64.40*	
		For >250 To 500, Deduct	*-99.74*	
		For >500 To 1000, Deduct	*-135.09*	
		For >1000, Deduct	*-170.43*	
26 56 19 00-0073	EA	9,612 Lumens, 4000K CCT, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSP2™ BXSP-B-HT-XXX-B)	1,009.82	151.80
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*22.49*	
		For Field Adjustable Output, Add	*33.75*	
		For Backlight Control Shield, Add	*52.96*	
		For Field Adjustable Output And Utility Label, Add	*44.99*	
		For Fuse, Add	*67.48*	
		For Field Adjustable Output, Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add	*67.48*	
		For Bird Spikes, Add	*95.50*	
		For 480 Volt, Add	*101.23*	
		For Multi-Level, Add	*146.21*	
		For >50 To 100, Deduct	*-50.49*	
		For >100 To 250, Deduct	*-75.74*	
		For >250 To 500, Deduct	*-118.64*	
		For >500 To 1000, Deduct	*-161.54*	
		For >1000, Deduct	*-204.44*	
26 56 19 00-0074	EA	10,680 Lumens, 5700K, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSP2™ BXSP-B-HT-XXX-B)	1,009.82	151.80
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*22.49*	
		For Field Adjustable Output, Add	*33.75*	
		For Backlight Control Shield, Add	*52.96*	
		For Field Adjustable Output And Utility Label, Add	*44.99*	
		For Fuse, Add	*67.48*	
		For Field Adjustable Output, Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add	*67.48*	
		For Bird Spikes, Add	*95.50*	
		For 480 Volt, Add	*101.23*	
		For Multi-Level, Add	*146.21*	
		For >50 To 100, Deduct	*-50.49*	
		For >100 To 250, Deduct	*-75.74*	
		For >250 To 500, Deduct	*-118.64*	
		For >500 To 1000, Deduct	*-161.54*	
		For >1000, Deduct	*-204.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0075	EA	13,732 Lumens, 4000K CCT, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSP2™ BXSP-C-HT-XXX-F)	1,151.55	151.80
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*22.49*	
		For Field Adjustable Output, Add	*33.75*	
		For Backlight Control Shield, Add	*52.96*	
		For Field Adjustable Output And Utility Label, Add	*44.99*	
		For Field Adjustable Output, Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add	*67.48*	
		For Bird Spikes, Add	*95.50*	
		For 480 Volt, Add	*101.23*	
		For >50 To 100, Deduct	*-57.58*	
		For >100 To 250, Deduct	*-86.37*	
		For >250 To 500, Deduct	*-136.35*	
		For >500 To 1000, Deduct	*-186.34*	
		For >1000, Deduct	*-236.33*	
26 56 19 00-0076	EA	14,408 Lumens, 5700K, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSP2™ BXSP-C-HT-XXX-F)	1,151.55	151.80
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*22.49*	
		For Field Adjustable Output, Add	*33.75*	
		For Backlight Control Shield, Add	*52.96*	
		For Field Adjustable Output And Utility Label, Add	*44.99*	
		For Field Adjustable Output, Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add	*67.48*	
		For Bird Spikes, Add	*95.50*	
		For 480 Volt, Add	*101.23*	
		For >50 To 100, Deduct	*-57.58*	
		For >100 To 250, Deduct	*-86.37*	
		For >250 To 500, Deduct	*-136.35*	
		For >500 To 1000, Deduct	*-186.34*	
		For >1000, Deduct	*-236.33*	
26 56 19 00-0077	EA	2,529 Lumens, 4000K CCT, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSPR™ BXSPR-A-O-X-X-G)	622.46	151.80
		For Utility Label, Add	*11.24*	
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*22.49*	
		For Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add	*33.75*	
		For 0 To 10 Volt Dimming, Add	*67.48*	
		For >50 To 100, Deduct	*-31.12*	
		For >100 To 250, Deduct	*-46.68*	
		For >250 To 500, Deduct	*-70.22*	
		For >500 To 1000, Deduct	*-93.75*	
		For >1000, Deduct	*-117.28*	
26 56 19 00-0078	EA	2,722 Lumens, 5700K, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSPR™ BXSPR-A-O-X-X-G)	622.46	151.80
		For Utility Label, Add	*11.24*	
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*22.49*	
		For Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add	*33.75*	
		For 0 To 10 Volt Dimming, Add	*67.48*	
		For >50 To 100, Deduct	*-31.12*	
		For >100 To 250, Deduct	*-46.68*	
		For >250 To 500, Deduct	*-70.22*	
		For >500 To 1000, Deduct	*-93.75*	
		For >1000, Deduct	*-117.28*	
26 56 19 00-0079	EA	3,819 Lumens, 4000K CCT, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSPR™BXSPR-A-O-X-X-C)	657.89	151.80
		For Utility Label, Add	*11.24*	
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*22.49*	
		For Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add	*33.75*	
		For 0 To 10 Volt Dimming, Add	*67.48*	
		For >50 To 100, Deduct	*-32.89*	
		For >100 To 250, Deduct	*-49.34*	
		For >250 To 500, Deduct	*-74.65*	
		For >500 To 1000, Deduct	*-99.95*	
		For >1000, Deduct	*-125.26*	
26 56 19 00-0080	EA	4,109 Lumens, 5700K, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSPR™BXSPR-A-O-X-X-C)	657.89	151.80
		For Utility Label, Add	*11.24*	
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*22.49*	
		For Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add	*33.75*	
		For 0 To 10 Volt Dimming, Add	*67.48*	
		For >50 To 100, Deduct	*-32.89*	
		For >100 To 250, Deduct	*-49.34*	
		For >250 To 500, Deduct	*-74.65*	
		For >500 To 1000, Deduct	*-99.95*	
		For >1000, Deduct	*-125.26*	
26 56 19 00-0081	EA	4,548 Lumens, 4000K CCT, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSPR™ BXSPR-B-HT-XXX-A)	669.70	151.80
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*22.49*	
		For Field Adjustable Output, Add	*33.75*	
		For Field Adjustable Output And Utility Label, Add	*44.99*	
		For Field Adjustable Output, Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add	*67.48*	
		For 0 To 10 Volt Dimming, Add	*67.48*	
		For >50 To 100, Deduct	*-33.49*	
		For >100 To 250, Deduct	*-50.23*	
		For >250 To 500, Deduct	*-76.12*	
		For >500 To 1000, Deduct	*-102.02*	
		For >1000, Deduct	*-127.91*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0082	EA	4,627 Lumens, 5700K, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSPR™ BXSPR-B-HT-XXX-A)	669.70	151.80
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*22.49*	
		For Field Adjustable Output, Add	*33.75*	
		For Field Adjustable Output And Utility Label, Add	*44.99*	
		For Field Adjustable Output, Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add	*67.48*	
		For 0 To 10 Volt Dimming, Add	*67.48*	
		For >50 To 100, Deduct	*-33.49*	
		For >100 To 250, Deduct	*-50.23*	
		For >250 To 500, Deduct	*-76.12*	
		For >500 To 1000, Deduct	*-102.02*	
		For >1000, Deduct	*-127.91*	

26 56 19 00-0083 Horizontal Tenon Mount, LED Cobra Head Street Lights (CREE® RSW™)

(26 56 19 00-0047)

Note: UL wet listed. Includes 120-277 voltage, die-cast extruded aluminum housing assembly and gray powder coat finish. Includes utility label and NEMA® photocell receptacle. Excludes sensors.

26 56 19 00-0084	EA	3,300 Lumens, 3000K CCT, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® RSW-HT-XXX-30W-30K-UL-GY-N)	646.09	151.80
		For Field Adjustable Output, Add	*33.75*	
		For Backlight Control Shield, Add	*71.42*	
		For Bird Spikes, Add	*96.16*	
		For >50 To 100, Deduct	*-32.30*	
		For >100 To 250, Deduct	*-48.46*	
		For >250 To 500, Deduct	*-73.17*	
		For >500 To 1000, Deduct	*-97.89*	
		For >1000, Deduct	*-122.60*	
26 56 19 00-0085	EA	3,300 Lumens, 4000K CCT, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® RSW-HT-XXX-30W-40K-UL-GY-N)	646.09	151.80
		For Field Adjustable Output, Add	*33.75*	
		For Backlight Control Shield, Add	*71.42*	
		For Bird Spikes, Add	*96.16*	
		For >50 To 100, Deduct	*-32.30*	
		For >100 To 250, Deduct	*-48.46*	
		For >250 To 500, Deduct	*-73.17*	
		For >500 To 1000, Deduct	*-97.89*	
		For >1000, Deduct	*-122.60*	
26 56 19 00-0086	EA	5,000 Lumens, 3000K CCT, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® RSW-HT-2ME-50W-30K-UL-GY-N)	669.70	151.80
		For Field Adjustable Output, Add	*33.75*	
		For Backlight Control Shield, Add	*71.42*	
		For Bird Spikes, Add	*96.16*	
		For >50 To 100, Deduct	*-33.49*	
		For >100 To 250, Deduct	*-50.23*	
		For >250 To 500, Deduct	*-76.12*	
		For >500 To 1000, Deduct	*-102.02*	
		For >1000, Deduct	*-127.91*	
26 56 19 00-0087	EA	5,000 Lumens, 4000K CCT, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® RSW-HT-2ME-50W-40K-UL-GY-N)	669.70	151.80
		For Field Adjustable Output, Add	*33.75*	
		For Backlight Control Shield, Add	*71.42*	
		For Bird Spikes, Add	*96.16*	
		For >50 To 100, Deduct	*-33.49*	
		For >100 To 250, Deduct	*-50.23*	
		For >250 To 500, Deduct	*-76.12*	
		For >500 To 1000, Deduct	*-102.02*	
		For >1000, Deduct	*-127.91*	

26 56 19 00-0088 LED Roadway Lighting (Cooper Lighting) *(26 56 19 00-0034)*

26 56 19 00-0089 Horizontal Tenon Mount, LED Roadway Fixtures (Cooper Lighting Streetworks NVN™) *(26 56 19 00-0088)*

Note: UL wet listed. Includes 4,000K color temperature, 120-480 voltage, die-cast extruded aluminum housing assembly and powder coat finish. Excludes sensors.

26 56 19 00-0090	EA	1 LED Light Square, 51 Watt, Horizontal Tenon Mount, LED Roadway Fixture (Cooper Lighting Streetworks™ NVN-AA)	1,005.50	151.80
		For >50 To 100, Deduct	*-50.28*	
		For >100 To 250, Deduct	*-75.41*	
		For >250 To 500, Deduct	*-118.10*	
		For >500 To 1000, Deduct	*-160.78*	
		For >1000, Deduct	*-203.47*	
26 56 19 00-0091	EA	2 LED Light Squares, 103 Watt, Horizontal Tenon Mount, LED Roadway Fixture (Cooper Lighting Streetworks™ NVN-AA)	1,371.57	168.66
		For >50 To 100, Deduct	*-68.58*	
		For >100 To 250, Deduct	*-102.87*	
		For >250 To 500, Deduct	*-163.01*	
		For >500 To 1000, Deduct	*-223.16*	
		For >1000, Deduct	*-283.30*	
26 56 19 00-0092	EA	3 LED Light Squares, 154 Watt, Horizontal Tenon Mount, LED Roadway Fixture (Cooper Lighting Streetworks™ NVN-AA)	1,468.15	193.96
		For >50 To 100, Deduct	*-73.41*	
		For >100 To 250, Deduct	*-110.11*	
		For >250 To 500, Deduct	*-173.82*	
		For >500 To 1000, Deduct	*-237.53*	
		For >1000, Deduct	*-301.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0093	EA	4 LED Light Squares, 206 Watt, Horizontal Tenon Mount, LED Roadway Fixture (Cooper Lighting Streetworks™ NVN-AA)	2,202.70	210.83
		For >50 To 100, Deduct	*-110.14*	
		For >100 To 250, Deduct	*-165.20*	
		For >250 To 500, Deduct	*-264.80*	
		For >500 To 1000, Deduct	*-364.39*	
		For >1000, Deduct	*-463.98*	
26 56 19 00-0094	EA	6 LED Light Squares, 309 Watt, Horizontal Tenon Mount, LED Roadway Fixture (Cooper Lighting Streetworks™ NVN-AA)	2,897.53	240.02
		For >50 To 100, Deduct	*-144.88*	
		For >100 To 250, Deduct	*-217.31*	
		For >250 To 500, Deduct	*-350.19*	
		For >500 To 1000, Deduct	*-483.07*	
		For >1000, Deduct	*-615.94*	

26 56 19 00-0095 LED Roadway Lighting (PlanLED) *(26 56 19 00-0034)*

26 56 19 00-0096 Horizontal Tenon Mount, LED Roadway Fixtures (PlanLED GigaTera HERA) *(26 56 19 00-0095)*

Note: UL wet listed. Includes 3,000K, 4,000K or 5,000K color temperature, 120-277 voltage, integral 20kV surge suppression, die-cast extruded aluminum housing assembly and powder coat finish. Excludes sensors.

26 56 19 00-0097	EA	8,500 Lumens, 85 Watt, Horizontal Tenon Mount, LED Roadway Fixture (PlanLED GigaTera HERA 85W)	1,216.67	147.58
		For >50 To 100, Deduct	*-60.83*	
		For >100 To 250, Deduct	*-91.25*	
		For >250 To 500, Deduct	*-144.71*	
		For >500 To 1000, Deduct	*-198.16*	
		For >1000, Deduct	*-251.61*	
26 56 19 00-0098	EA	11,000 Lumens, 110 Watt, Horizontal Tenon Mount, LED Roadway Fixture (PlanLED GigaTera HERA 110W)	1,326.08	149.20
		For >50 To 100, Deduct	*-66.30*	
		For >100 To 250, Deduct	*-99.46*	
		For >250 To 500, Deduct	*-158.30*	
		For >500 To 1000, Deduct	*-217.14*	
		For >1000, Deduct	*-275.99*	
26 56 19 00-0099	EA	15,000 Lumens, 150 Watt, Horizontal Tenon Mount, LED Roadway Fixture (PlanLED GigaTera HERA 150W)	1,411.96	151.80
		For >50 To 100, Deduct	*-70.60*	
		For >100 To 250, Deduct	*-105.90*	
		For >250 To 500, Deduct	*-168.91*	
		For >500 To 1000, Deduct	*-231.91*	
		For >1000, Deduct	*-294.92*	

26 56 19 00-0100 Horizontal Tenon Mount, LED Roadway Fixtures (PlanLED GigaTera SETA) *(26 56 19 00-0095)*

Note: UL wet listed. Includes 3,000K, 3,500K, 4,000K or 5,000K color temperature, 120-277 voltage, integral 20kV surge suppression, die-cast extruded aluminum housing assembly and powder coat finish. Excludes sensors.

26 56 19 00-0101	EA	7,200 Lumens, 60 Watt, Horizontal Tenon Mount, LED Roadway Fixture (PlanLED GigaTera SETA SET060)	791.24	144.01
		For >50 To 100, Deduct	*-39.56*	
		For >100 To 250, Deduct	*-59.34*	
		For >250 To 500, Deduct	*-91.70*	
		For >500 To 1000, Deduct	*-124.07*	
		For >1000, Deduct	*-156.43*	
26 56 19 00-0102	EA	10,000 Lumens, 80 Watt, Horizontal Tenon Mount, LED Roadway Fixture (PlanLED GigaTera SETA SET080)	849.52	146.60
		For >50 To 100, Deduct	*-42.48*	
		For >100 To 250, Deduct	*-63.71*	
		For >250 To 500, Deduct	*-98.86*	
		For >500 To 1000, Deduct	*-134.01*	
		For >1000, Deduct	*-169.15*	
26 56 19 00-0103	EA	12,500 Lumens, 100 Watt, Horizontal Tenon Mount, LED Roadway Fixture (PlanLED GigaTera SETA SET100)	941.76	149.20
		For >50 To 100, Deduct	*-47.09*	
		For >100 To 250, Deduct	*-70.63*	
		For >250 To 500, Deduct	*-110.26*	
		For >500 To 1000, Deduct	*-149.89*	
		For >1000, Deduct	*-189.52*	

26 56 19 00-0104 Horizontal Tenon Mount, LED Roadway Fixtures (PlanLED GigaTera META) *(26 56 19 00-0095)*

Note: UL wet listed. Includes 3,000K, 4,000K or 5,000K color temperature, 120-277 voltage, integral 20kV surge suppression, die-cast extruded aluminum housing assembly and powder coat finish. Excludes sensors.

26 56 19 00-0105	EA	13,000 Lumens, 100 Watt, Horizontal Tenon Mount, LED Roadway Fixture (PlanLED GigaTera META MT100)	1,003.34	149.20
		For 0 To 10 Volt Dimming, Add	*91.72*	
		For 480 Volt, Add	*91.72*	
		For >50 To 100, Deduct	*-50.17*	
		For >100 To 250, Deduct	*-75.25*	
		For >250 To 500, Deduct	*-117.96*	
		For >500 To 1000, Deduct	*-160.66*	
		For >1000, Deduct	*-203.37*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0106	EA	16,900 Lumens, 130 Watt, Horizontal Tenon Mount, LED Roadway Fixture (PlanLED GigaTera META MT130)	1,116.35	150.50
		For 0 To 10 Volt Dimming, Add	*91.72*	
		For 480 Volt, Add	*27.67*	
		For >50 To 100, Deduct	*-55.82*	
		For >100 To 250, Deduct	*-83.73*	
		For >250 To 500, Deduct	*-132.02*	
		For >500 To 1000, Deduct	*-180.31*	
		For >1000, Deduct	*-228.60*	
26 56 19 00-0107	EA	19,500 Lumens, 150 Watt, Horizontal Tenon Mount, LED Roadway Fixture (PlanLED GigaTera META MT150)	1,203.87	151.80
		For 0 To 10 Volt Dimming, Add	*91.72*	
		For 480 Volt, Add	*114.64*	
		For >50 To 100, Deduct	*-60.19*	
		For >100 To 250, Deduct	*-90.29*	
		For >250 To 500, Deduct	*-142.89*	
		For >500 To 1000, Deduct	*-195.50*	
		For >1000, Deduct	*-248.10*	

26 56 19 00-0108 LED Roadway Lighting (General Electric) *(26 56 19 00-0034)*

26 56 19 00-0109 Horizontal Tenon Mount, LED Cobra Head Street Lights (General Electric)

(26 56 19 00-0108)

Note: UL wet listed. Includes 4,000K or 5,700K color temperature, 120-480 voltage, die-cast extruded aluminum housing assembly and black or gray powder coat finish. Excludes sensors.

26 56 19 00-0110	EA	2,000 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERL1 0 02XX 40 A GRAY)	596.84	143.36
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For >50 To 100, Deduct	*-29.84*	
		For >100 To 250, Deduct	*-44.76*	
		For >250 To 500, Deduct	*-67.44*	
		For >500 To 1000, Deduct	*-90.11*	
		For >1000, Deduct	*-112.78*	
26 56 19 00-0111	EA	3,000 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERL1 0 03XX 40 A GRAY)	600.73	145.31
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For >50 To 100, Deduct	*-30.04*	
		For >100 To 250, Deduct	*-45.05*	
		For >250 To 500, Deduct	*-67.83*	
		For >500 To 1000, Deduct	*-90.60*	
		For >1000, Deduct	*-113.37*	
26 56 19 00-0112	EA	4,000 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERL1 0 04XX 40 A GRAY)	626.72	147.58
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For >50 To 100, Deduct	*-31.34*	
		For >100 To 250, Deduct	*-47.00*	
		For >250 To 500, Deduct	*-70.96*	
		For >500 To 1000, Deduct	*-94.92*	
		For >1000, Deduct	*-118.88*	
26 56 19 00-0113	EA	5,000 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERL1 0 05XX 40 A GRAY)	653.37	149.20
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For >50 To 100, Deduct	*-32.67*	
		For >100 To 250, Deduct	*-49.00*	
		For >250 To 500, Deduct	*-74.21*	
		For >500 To 1000, Deduct	*-99.42*	
		For >1000, Deduct	*-124.63*	
26 56 19 00-0114	EA	7,000 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERL1 0 07XX 40 A GRAY)	724.23	152.45
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For >50 To 100, Deduct	*-36.21*	
		For >100 To 250, Deduct	*-54.32*	
		For >250 To 500, Deduct	*-82.91*	
		For >500 To 1000, Deduct	*-111.50*	
		For >1000, Deduct	*-140.09*	
26 56 19 00-0115	EA	8,000 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERL1 0 08XX 40 A GRAY)	761.92	153.74
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For >50 To 100, Deduct	*-38.10*	
		For >100 To 250, Deduct	*-57.14*	
		For >250 To 500, Deduct	*-87.55*	
		For >500 To 1000, Deduct	*-117.96*	
		For >1000, Deduct	*-148.37*	
26 56 19 00-0116	EA	9,800 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERL1 0 10XX 40 A GRAY)	832.79	156.01
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For >50 To 100, Deduct	*-41.64*	
		For >100 To 250, Deduct	*-62.46*	
		For >250 To 500, Deduct	*-96.30*	
		For >500 To 1000, Deduct	*-130.14*	
		For >1000, Deduct	*-163.98*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0117	EA	13,000 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERLH 0 13XX 40 A GRAY)	983.59	160.23
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For >50 To 100, Deduct	*-49.18*	
		For >100 To 250, Deduct	*-73.77*	
		For >250 To 500, Deduct	*-114.94*	
		For >500 To 1000, Deduct	*-156.11*	
		For >1000, Deduct	*-197.27*	
26 56 19 00-0118	EA	19,000 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERL2 0 19XX 40 A GRAY)	1,156.50	168.66
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For >50 To 100, Deduct	*-57.83*	
		For >100 To 250, Deduct	*-86.74*	
		For >250 To 500, Deduct	*-136.13*	
		For >500 To 1000, Deduct	*-185.52*	
		For >1000, Deduct	*-234.91*	

26 56 19 00-0119 LED Roadway Lighting (Acuity AEL Autobahn) *(26 56 19 00-0034)*

26 56 19 00-0120 Horizontal Tenon Mount, LED Cobra Head Street Lights (Acuity AEL Autobahn) *(26 56 19 00-0119)*

Note: UL wet listed. Includes 4,000K or 5,000K color temperature, 120-480 voltage, integral 10kV surge suppression, 0-10V dimming, die-cast extruded aluminum housing assembly and white, black, gray, graphite or bronze powder coat finish. Excludes sensors.

26 56 19 00-0121	EA	4,200 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Acuity AEL Autobahn ATB0 20ALEDE70)	1,178.45	147.58
		For >50 To 100, Deduct	*-58.92*	
		For >100 To 250, Deduct	*-88.38*	
		For >250 To 500, Deduct	*-139.93*	
		For >500 To 1000, Deduct	*-191.47*	
		For >1000, Deduct	*-243.02*	
26 56 19 00-0122	EA	6,700 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Acuity AEL Autobahn ATB0 30BLEDE70)	1,470.14	151.80
		For >50 To 100, Deduct	*-73.51*	
		For >100 To 250, Deduct	*-110.26*	
		For >250 To 500, Deduct	*-176.18*	
		For >500 To 1000, Deduct	*-242.10*	
		For >1000, Deduct	*-308.01*	
26 56 19 00-0123	EA	9,000 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Acuity AEL Autobahn ATB2 40BLEDE70)	2,062.00	156.01
		For >50 To 100, Deduct	*-103.10*	
		For >100 To 250, Deduct	*-154.65*	
		For >250 To 500, Deduct	*-249.95*	
		For >500 To 1000, Deduct	*-345.25*	
		For >1000, Deduct	*-440.55*	
26 56 19 00-0124	EA	13,500 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Acuity AEL Autobahn ATB2 60BLEDE70)	2,657.58	162.17
		For >50 To 100, Deduct	*-132.88*	
		For >100 To 250, Deduct	*-199.32*	
		For >250 To 500, Deduct	*-324.09*	
		For >500 To 1000, Deduct	*-448.86*	
		For >1000, Deduct	*-573.63*	
26 56 19 00-0125	EA	17,800 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Acuity AEL Autobahn ATB2 80BLEDE70)	3,239.97	166.72
		For >50 To 100, Deduct	*-162.00*	
		For >100 To 250, Deduct	*-243.00*	
		For >250 To 500, Deduct	*-396.66*	
		For >500 To 1000, Deduct	*-550.32*	
		For >1000, Deduct	*-703.99*	

26 56 19 00-0126 LED Roadway Lighting (Leotek) *(26 56 19 00-0034)*

26 56 19 00-0127 Horizontal Tenon Mount, LED Cobra Head Street Lights (Leotek) *(26 56 19 00-0126)*

Note: UL wet listed. Includes 4,000K color temperature, 120-277 voltage, integral surge protector, die-cast and extruded aluminum housing assembly and gray powder coat finish. Excludes sensors.

26 56 19 00-0128	EA	Up To 3,900 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® EC1-4M2-MV-NW-X-GY-XXX-WL)	610.53	147.58
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*9.75*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*29.26*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*52.35*	
		For >50 To 100, Deduct	*-30.53*	
		For >100 To 250, Deduct	*-45.79*	
		For >250 To 500, Deduct	*-68.94*	
		For >500 To 1000, Deduct	*-92.09*	
		For >1000, Deduct	*-115.23*	
26 56 19 00-0129	EA	Up To 5,150 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® EC1-4M2-MV-NW-X-GY-1AMP-WL)	624.02	149.20
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*9.75*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*29.26*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*52.35*	
		For >50 To 100, Deduct	*-31.20*	
		For >100 To 250, Deduct	*-46.80*	
		For >250 To 500, Deduct	*-70.54*	
		For >500 To 1000, Deduct	*-94.28*	
		For >1000, Deduct	*-118.02*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0130	EA	Up To 5,950 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® EC1-6M2-MV-NW-X-GY-XXX-WL)	666.93	150.17
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*9.75*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*29.26*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*52.35*	
		For >50 To 100, Deduct	*-33.35*	
		For >100 To 250, Deduct	*-50.02*	
		For >250 To 500, Deduct	*-75.86*	
		For >500 To 1000, Deduct	*-101.70*	
		For >1000, Deduct	*-127.53*	
26 56 19 00-0131	EA	Up To 9,550 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® EC3-10M2-MV-NW-X-GY-XXX-WL)	776.91	156.01
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*9.75*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*29.26*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*52.35*	
		For >50 To 100, Deduct	*-38.85*	
		For >100 To 250, Deduct	*-58.27*	
		For >250 To 500, Deduct	*-89.31*	
		For >500 To 1000, Deduct	*-120.36*	
		For >1000, Deduct	*-151.40*	
26 56 19 00-0132	EA	Up To 11,450 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® EC4-12M2-MV-NW-X-GY-XXX-WL)	912.30	160.23
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*9.75*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*29.26*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*52.35*	
		For >50 To 100, Deduct	*-45.62*	
		For >100 To 250, Deduct	*-68.42*	
		For >250 To 500, Deduct	*-106.03*	
		For >500 To 1000, Deduct	*-143.63*	
		For >1000, Deduct	*-181.23*	
26 56 19 00-0133	EA	Up To 14,550 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® EC4-15M2-MV-NW-X-GY-XXX-WL)	917.50	162.82
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*9.75*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*29.26*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*52.35*	
		For >50 To 100, Deduct	*-45.88*	
		For >100 To 250, Deduct	*-68.81*	
		For >250 To 500, Deduct	*-106.55*	
		For >500 To 1000, Deduct	*-144.28*	
		For >1000, Deduct	*-182.01*	
26 56 19 00-0134	EA	Up To 16,900 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® EC7-18M2-MV-NW-X-GY-XXX-WL)	1,129.53	165.41
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*9.75*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*29.26*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*52.35*	
		For >50 To 100, Deduct	*-56.48*	
		For >100 To 250, Deduct	*-84.71*	
		For >250 To 500, Deduct	*-132.92*	
		For >500 To 1000, Deduct	*-181.13*	
		For >1000, Deduct	*-229.33*	
26 56 19 00-0135	EA	Up To 18,750 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® EC7-20M2-MV-NW-X-GY-XXX-WL)	1,185.17	168.66
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*9.75*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*29.26*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*52.35*	
		For >50 To 100, Deduct	*-59.26*	
		For >100 To 250, Deduct	*-88.89*	
		For >250 To 500, Deduct	*-139.71*	
		For >500 To 1000, Deduct	*-190.54*	
		For >1000, Deduct	*-241.36*	
26 56 19 00-0136	EA	Up To 22,700 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® EC7-24M2-MV-NW-X-GY-XXX-WL)	1,325.51	171.26
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*9.75*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*29.26*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*52.35*	
		For >50 To 100, Deduct	*-66.28*	
		For >100 To 250, Deduct	*-99.41*	
		For >250 To 500, Deduct	*-157.13*	
		For >500 To 1000, Deduct	*-214.84*	
		For >1000, Deduct	*-272.55*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0137	EA	Up To 29,150 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® EC9-30M2-MV-NW-X-GY-XXX-WL)	1,422.86	173.85
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*9.75*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*29.26*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*52.35*	
		For >50 To 100, Deduct	*-71.14*	
		For >100 To 250, Deduct	*-106.71*	
		For >250 To 500, Deduct	*-169.17*	
		For >500 To 1000, Deduct	*-231.62*	
		For >1000, Deduct	*-294.07*	
26 56 19 00-0138	EA	Up To 4,800 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek GC1-20F-MV-NW-X-GY-XXX-WL)	710.03	149.20
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*9.75*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*29.26*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*52.35*	
		For >50 To 100, Deduct	*-35.50*	
		For >100 To 250, Deduct	*-53.25*	
		For >250 To 500, Deduct	*-81.29*	
		For >500 To 1000, Deduct	*-109.34*	
		For >1000, Deduct	*-137.38*	
26 56 19 00-0139	EA	Up To 7,000 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek GC1-30F-MV-NW-X-GY-XXX-WL)	781.30	153.09
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*9.75*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*29.26*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*52.35*	
		For >50 To 100, Deduct	*-39.07*	
		For >100 To 250, Deduct	*-58.60*	
		For >250 To 500, Deduct	*-90.01*	
		For >500 To 1000, Deduct	*-121.42*	
		For >1000, Deduct	*-152.83*	
26 56 19 00-0140	EA	Up To 9,300 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek GC1-40F-MV-NW-X-GY-XXX-WL)	844.49	156.01
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*9.75*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*29.26*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*52.35*	
		For >50 To 100, Deduct	*-42.22*	
		For >100 To 250, Deduct	*-63.34*	
		For >250 To 500, Deduct	*-97.76*	
		For >500 To 1000, Deduct	*-132.18*	
		For >1000, Deduct	*-166.61*	
26 56 19 00-0141	EA	Up To 12,300 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek GC1-40F-MV-NW-X-GY-1AMP-WL)	898.72	159.58
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*9.75*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*29.26*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*52.35*	
		For >50 To 100, Deduct	*-44.94*	
		For >100 To 250, Deduct	*-67.40*	
		For >250 To 500, Deduct	*-104.36*	
		For >500 To 1000, Deduct	*-141.32*	
		For >1000, Deduct	*-178.28*	
26 56 19 00-0142	EA	Up To 13,400 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek GC1-60F-MV-NW-X-GY-XXX-WL)	954.56	160.87
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*9.75*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*29.26*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*52.35*	
		For >50 To 100, Deduct	*-47.73*	
		For >100 To 250, Deduct	*-71.59*	
		For >250 To 500, Deduct	*-111.28*	
		For >500 To 1000, Deduct	*-150.96*	
		For >1000, Deduct	*-190.64*	
26 56 19 00-0143	EA	Up To 17,700 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek GC1-80F-MV-NW-X-GY-XXX-WL)	1,140.31	166.72
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*9.75*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*29.26*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*52.35*	
		For >50 To 100, Deduct	*-57.02*	
		For >100 To 250, Deduct	*-85.52*	
		For >250 To 500, Deduct	*-134.20*	
		For >500 To 1000, Deduct	*-182.88*	
		For >1000, Deduct	*-231.56*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0144	EA	Up To 19,800 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek GC2-90F-MV-NW-X-GY-XXX-WL)	1,292.20	169.95
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*9.75*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*29.26*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*52.35*	
		For >50 To 100, Deduct	*-64.61*	
		For >100 To 250, Deduct	*-96.92*	
		For >250 To 500, Deduct	*-153.03*	
		For >500 To 1000, Deduct	*-209.14*	
		For >1000, Deduct	*-265.25*	
26 56 19 00-0145	EA	Up To 22,000 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek GC2-100F-MV-NW-X-GY-XXX-WL)	1,375.41	170.61
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*9.75*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*29.26*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*52.35*	
		For >50 To 100, Deduct	*-68.77*	
		For >100 To 250, Deduct	*-103.16*	
		For >250 To 500, Deduct	*-163.40*	
		For >500 To 1000, Deduct	*-223.64*	
		For >1000, Deduct	*-283.88*	
26 56 19 00-0146	EA	Up To 26,400 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek GC2-120F-MV-NW-X-GY-XXX-WL)	1,455.08	172.56
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*9.75*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*29.26*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*52.35*	
		For >50 To 100, Deduct	*-72.75*	
		For >100 To 250, Deduct	*-109.13*	
		For >250 To 500, Deduct	*-173.26*	
		For >500 To 1000, Deduct	*-237.38*	
		For >1000, Deduct	*-301.51*	
26 56 19 00-0147	EA	Up To 11,720 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® GCM2-30H-MV-NW-X-GY-1AMP)	761.86	162.82
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*9.75*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*29.26*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*52.35*	
		For >50 To 100, Deduct	*-38.09*	
		For >100 To 250, Deduct	*-57.14*	
		For >250 To 500, Deduct	*-87.09*	
		For >500 To 1000, Deduct	*-117.04*	
		For >1000, Deduct	*-146.99*	
26 56 19 00-0148	EA	Up To 15,430 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® GCM2-40H-MV-NW-X-GY-1AMP)	826.53	164.44
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*9.75*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*29.26*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*52.35*	
		For >50 To 100, Deduct	*-41.33*	
		For >100 To 250, Deduct	*-61.99*	
		For >250 To 500, Deduct	*-95.09*	
		For >500 To 1000, Deduct	*-128.20*	
		For >1000, Deduct	*-161.30*	
26 56 19 00-0149	EA	Up To 4,180 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® GCJ0-15H-MV-NW-X-GY-XXX-WL)	582.42	148.87
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*9.75*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*29.26*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*52.35*	
		For >50 To 100, Deduct	*-29.12*	
		For >100 To 250, Deduct	*-43.68*	
		For >250 To 500, Deduct	*-65.36*	
		For >500 To 1000, Deduct	*-87.04*	
		For >1000, Deduct	*-108.71*	
26 56 19 00-0150	EA	Up To 5,510 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® GCJ1-20H-MV-NW-X-GY-XXX-WL)	593.20	150.17
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*9.75*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*29.26*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*52.35*	
		For >50 To 100, Deduct	*-29.66*	
		For >100 To 250, Deduct	*-44.49*	
		For >250 To 500, Deduct	*-66.64*	
		For >500 To 1000, Deduct	*-88.79*	
		For >1000, Deduct	*-110.94*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0151	EA	Up To 7,430 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® GCJ2-20H-MV-NW-X-GY-1AMP-WL)	646.13	153.09
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*9.75*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*29.26*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*52.35*	
		For >50 To 100, Deduct	*-32.31*	
		For >100 To 250, Deduct	*-48.46*	
		For >250 To 500, Deduct	*-73.11*	
		For >500 To 1000, Deduct	*-97.76*	
		For >1000, Deduct	*-122.42*	
26 56 19 00-0152	EA	Up To 16,400 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® GCL1-60G-MV-NW-X-GY-XXX-WL)	1,004.61	165.41
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*9.75*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*29.26*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*52.35*	
		For >50 To 100, Deduct	*-50.23*	
		For >100 To 250, Deduct	*-75.35*	
		For >250 To 500, Deduct	*-117.31*	
		For >500 To 1000, Deduct	*-159.26*	
		For >1000, Deduct	*-201.22*	
26 56 19 00-0153	EA	Up To 22,100 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® GCL1-80G-MV-NW-X-GY-XXX-WL)	1,318.07	170.61
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*9.75*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*29.26*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*52.35*	
		For >50 To 100, Deduct	*-65.90*	
		For >100 To 250, Deduct	*-98.86*	
		For >250 To 500, Deduct	*-156.23*	
		For >500 To 1000, Deduct	*-213.60*	
		For >1000, Deduct	*-270.98*	
26 56 19 00-0154	EA	Up To 22,900 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® GCL2-60G-MV-NW-X-GY-1AMP-WL)	1,171.92	171.26
		For LightGrid™ Wireless Outdoor Controller, Add	*20.00*	
		For Twist Lock Shorting Cap, Add	*9.75*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*29.26*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*52.35*	
		For >50 To 100, Deduct	*-58.60*	
		For >100 To 250, Deduct	*-87.89*	
		For >250 To 500, Deduct	*-137.93*	
		For >500 To 1000, Deduct	*-187.96*	
		For >1000, Deduct	*-237.99*	
26 56 19 00-0155	EA	Up To 5,484 Lumens, Horizontal Tenon Mount, LED Security Light (Leotek® SafeGuard™ SG1-01-MV-NW-5-GY)	558.49	149.20
		For Twist Lock Shorting Cap, Add	*9.75*	
		For ANSI 7-wire Photocontrol Receptacle, Add	*29.26*	
		For Ripley Long-Life Twist Lock Photocontrol, Add	*52.35*	
		For >50 To 100, Deduct	*-27.92*	
		For >100 To 250, Deduct	*-41.89*	
		For >250 To 500, Deduct	*-62.35*	
		For >500 To 1000, Deduct	*-82.82*	
		For >1000, Deduct	*-103.28*	

26 56 19 00-0156 LED, Area Fixtures *(26 56 19)*

26 56 19 00-0157 Pole Mount, LED Area Fixtures *(26 56 19 00-0156)*

26 56 19 00-0158 Pole Mount, Rectangular, LED Architectural Area Fixtures (Lithonia DSX) *(26 56 19 00-0157)*

Note: UL wet listed. Includes 4,000K color temperature, 480 voltage, 700mA remote driver, die-cast extruded aluminum housing assembly and white, black, aluminum or bronze powder coat finish. Excludes sensors.

26 56 19 00-0159	EA	20 LEDs, 49 Watt, Pole Mount, LED Architectural Area Fixture (Lithonia DSXO LED)	2,479.85	110.28
		For >50 To 100, Deduct	*-123.99*	
		For >100 To 250, Deduct	*-185.99*	
		For >250 To 500, Deduct	*-304.47*	
		For >500 To 1000, Deduct	*-422.95*	
		For >1000, Deduct	*-541.43*	
26 56 19 00-0160	EA	40 LEDs, 89 Watt, Pole Mount, LED Architectural Area Fixture (Lithonia DSXO LED)	2,673.58	116.76
		For >50 To 100, Deduct	*-133.68*	
		For >100 To 250, Deduct	*-200.52*	
		For >250 To 500, Deduct	*-328.36*	
		For >500 To 1000, Deduct	*-456.20*	
		For >1000, Deduct	*-584.04*	
26 56 19 00-0161	EA	80 LEDs, 188 Watt, Pole Mount, LED Architectural Area Fixture (Lithonia DSX2 LED)	2,880.27	129.74
		For >50 To 100, Deduct	*-144.01*	
		For >100 To 250, Deduct	*-216.02*	
		For >250 To 500, Deduct	*-353.55*	
		For >500 To 1000, Deduct	*-491.07*	
		For >1000, Deduct	*-628.60*	
26 56 19 00-0162	EA	100 LEDs, 218 Watt, Pole Mount, LED Architectural Area Fixture (Lithonia DSX2 LED)	2,893.25	136.23
		For >50 To 100, Deduct	*-144.66*	
		For >100 To 250, Deduct	*-216.99*	
		For >250 To 500, Deduct	*-354.84*	
		For >500 To 1000, Deduct	*-492.70*	
		For >1000, Deduct	*-630.55*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

26 56 19 00-0163 Arm Mount, Rectangular, LED Area Fixtures (CREE® BetaLED® Edge® ARE-EDG) *(26 56 19 00-0157)*

Note: UL wet listed. Includes 4,000K or 5,700K color temperature, 120/277 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Includes Type III Medium optic. Excludes sensors. All fixtures without the backlight control shield are DLC qualified

26 56 19 00-0164	EA	40 LEDs, 47 Watt, Arm Mount, Rectangular, LED Area Fixture (CREE® BetaLED® Edge® ARE-EDG)	1,400.81	116.76
		For Backlight Shielding, Add	*26.70*	
		For Type II Medium Optic, Add	*43.74*	
		For 480 Volt, Add	*107.78*	
		For Multi-Level Drive Currents, Add	*267.03*	
		For >50 To 100, Deduct	*-70.04*	
		For >100 To 250, Deduct	*-105.06*	
		For >250 To 500, Deduct	*-169.26*	
		For >500 To 1000, Deduct	*-233.47*	
		For >1000, Deduct	*-297.67*	
26 56 19 00-0165	EA	60 LEDs, 68 Watt, Arm Mount, Rectangular, LED Area Fixture (CREE® BetaLED® Edge® ARE-EDG)	1,694.16	123.25
		For Backlight Shielding, Add	*26.70*	
		For Type II Medium Optic, Add	*44.39*	
		For 480 Volt, Add	*107.78*	
		For Multi-Level Drive Currents, Add	*267.03*	
		For >50 To 100, Deduct	*-84.71*	
		For >100 To 250, Deduct	*-127.06*	
		For >250 To 500, Deduct	*-205.61*	
		For >500 To 1000, Deduct	*-284.15*	
		For >1000, Deduct	*-362.70*	
26 56 19 00-0166	EA	80 LEDs, 90 Watt, Arm Mount, Rectangular, LED Area Fixture (CREE® BetaLED® Edge® ARE-EDG)	2,100.05	129.74
		For Backlight Shielding, Add	*26.70*	
		For Type II Medium Optic, Add	*45.03*	
		For 480 Volt, Add	*107.78*	
		For Multi-Level Drive Currents, Add	*267.03*	
		For >50 To 100, Deduct	*-105.00*	
		For >100 To 250, Deduct	*-157.50*	
		For >250 To 500, Deduct	*-256.02*	
		For >500 To 1000, Deduct	*-354.53*	
		For >1000, Deduct	*-453.05*	
26 56 19 00-0167	EA	100 LEDs, 111 Watt, Arm Mount, Rectangular, LED Area Fixture (CREE® BetaLED® Edge® ARE-EDG)	2,393.41	136.23
		For Backlight Shielding, Add	*26.70*	
		For Type II Medium Optic, Add	*45.68*	
		For 480 Volt, Add	*107.78*	
		For Multi-Level Drive Currents, Add	*267.03*	
		For >50 To 100, Deduct	*-119.67*	
		For >100 To 250, Deduct	*-179.51*	
		For >250 To 500, Deduct	*-292.36*	
		For >500 To 1000, Deduct	*-405.22*	
		For >1000, Deduct	*-518.08*	
26 56 19 00-0168	EA	120 LEDs, 132 Watt, Arm Mount, Rectangular, LED Area Fixture (CREE® BetaLED® Edge® ARE-EDG)	2,686.74	142.72
		For Backlight Shielding, Add	*26.70*	
		For Type II Medium Optic, Add	*46.33*	
		For 480 Volt, Add	*107.78*	
		For Multi-Level Drive Currents, Add	*267.03*	
		For >50 To 100, Deduct	*-134.34*	
		For >100 To 250, Deduct	*-201.51*	
		For >250 To 500, Deduct	*-328.71*	
		For >500 To 1000, Deduct	*-455.91*	
		For >1000, Deduct	*-583.11*	
26 56 19 00-0169	EA	140 LEDs, 157 Watt, Arm Mount, Rectangular, LED Area Fixture (CREE® BetaLED® Edge® ARE-EDG)	3,069.74	149.20
		For Backlight Shielding, Add	*26.70*	
		For Type II Medium Optic, Add	*46.98*	
		For 480 Volt, Add	*107.78*	
		For Multi-Level Drive Currents, Add	*267.03*	
		For >50 To 100, Deduct	*-153.49*	
		For >100 To 250, Deduct	*-230.23*	
		For >250 To 500, Deduct	*-376.26*	
		For >500 To 1000, Deduct	*-522.28*	
		For >1000, Deduct	*-668.31*	
26 56 19 00-0170	EA	160 LEDs, 179 Watt, Arm Mount, Rectangular, LED Area Fixture (CREE® BetaLED® Edge® ARE-EDG)	3,363.09	155.68
		For Backlight Shielding, Add	*26.70*	
		For Type II Medium Optic, Add	*47.63*	
		For 480 Volt, Add	*107.78*	
		For Multi-Level Drive Currents, Add	*267.03*	
		For >50 To 100, Deduct	*-168.15*	
		For >100 To 250, Deduct	*-252.23*	
		For >250 To 500, Deduct	*-412.60*	
		For >500 To 1000, Deduct	*-572.97*	
		For >1000, Deduct	*-733.34*	

26 56 19 00-0171 Direct Or Arm Mount, Rectangular, High Output, LED Area Fixtures (CREE® BetaLED® Edge® ARE-EHO) *(26 56 19 00-0157)*

Note: UL wet listed. Includes 5,700K color temperature, 120/277 voltage, 700mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0172	EA	120 LEDs, 267 System Watts, Direct Or Arm Mount, Rectangular, High Output, LED Area Fixture (CREE® BetaLED® Edge® ARE-EHO)	2,479.72	142.72
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*22.49*	
		For Bird Spikes, Add	*49.71*	
		For 5,000K Color Temperature, Add	*56.24*	
		For Fuse, Add	*67.48*	
		For 0 To 10 Volt Dimming, Add	*67.48*	
		For 480 Volt, Add	*101.23*	
		For Multi-Level, Add	*146.21*	
		For 1,000mA Driver, Add	*188.98*	
		For >50 To 100, Deduct	*-123.99*	
		For >100 To 250, Deduct	*-185.98*	
		For >250 To 500, Deduct	*-302.83*	
		For >500 To 1000, Deduct	*-419.68*	
		For >1000, Deduct	*-536.53*	
26 56 19 00-0173	EA	240 LEDs, 533 System Watts, Direct Or Arm Mount, Rectangular, High Output, LED Area Fixture (CREE® BetaLED® Edge® ARE-EHO)	4,198.01	175.15
		For 3 Or 7-Pin NEMA Photocell Receptacle, Add	*22.49*	
		For 5,000K Color Temperature, Add	*56.24*	
		For Fuse, Add	*67.48*	
		For 0 To 10 Volt Dimming, Add	*67.48*	
		For Bird Spikes, Add	*74.21*	
		For Multi-Level, Add	*146.21*	
		For 1,000mA Driver, Add	*188.96*	
		For 480 Volt, Add	*202.45*	
		For >50 To 100, Deduct	*-209.90*	
		For >100 To 250, Deduct	*-314.85*	
		For >250 To 500, Deduct	*-515.99*	
		For >500 To 1000, Deduct	*-717.14*	
		For >1000, Deduct	*-918.28*	

26 56 19 00-0174 Wall Mount, LED Area Fixtures *(26 56 19 00-0156)*

26 56 19 00-0175 Wall Mount, LED Architectural Area Fixtures (Lithonia DSXW) *(26 56 19 00-0174)*

Note: UL wet listed. Includes 277 voltage, 700mA remote driver, die-cast extruded aluminum housing assembly and white, black, aluminum or bronze powder coat finish. Excludes sensors.

26 56 19 00-0176	EA	20 LEDs, 47 Watt, 4000K CCT, Wall Mount, LED Architectural Area Fixture (Lithonia DSXW2 LED)	1,089.93	110.28
		For >50 To 100, Deduct	*-54.50*	
		For >100 To 250, Deduct	*-81.74*	
		For >250 To 500, Deduct	*-130.73*	
		For >500 To 1000, Deduct	*-179.71*	
		For >1000, Deduct	*-228.69*	
26 56 19 00-0177	EA	30 LEDs, 71 Watt, 4000K CCT, Wall Mount, LED Architectural Area Fixture (Lithonia DSXW2 LED)	1,115.88	123.25
		For >50 To 100, Deduct	*-55.79*	
		For >100 To 250, Deduct	*-83.69*	
		For >250 To 500, Deduct	*-133.32*	
		For >500 To 1000, Deduct	*-182.95*	
		For >1000, Deduct	*-232.59*	

26 56 19 00-0178 Surface Mount, LED Parking Structure Fixtures *(26 56 19 00-0156)*

26 56 19 00-0179 Surface Mount, Rectangular, LED Parking Structure Fixtures (CREE® BetaLED® Edge® PKG-EDG) *(26 56 19 00-0178)*

Note: Direct or pendant mount. UL wet listed. Includes 5,700K color temperature, 120-480 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.

26 56 19 00-0180	EA	40 LEDs, 47 Watt, Surface Mount, Rectangular, LED Parking Structure Fixture (CREE® BetaLED® Edge® PKG-EDG)	1,232.97	116.76
		For Multi-Level Drive Currents, Add	*267.03*	
		For >50 To 100, Deduct	*-61.65*	
		For >100 To 250, Deduct	*-92.47*	
		For >250 To 500, Deduct	*-148.28*	
		For >500 To 1000, Deduct	*-204.09*	
		For >1000, Deduct	*-259.90*	
26 56 19 00-0181	EA	60 LEDs, 68 Watt, Surface Mount, Rectangular, LED Parking Structure Fixture (CREE® BetaLED® Edge® PKG-EDG)	1,526.32	123.25
		For Multi-Level Drive Currents, Add	*267.03*	
		For >50 To 100, Deduct	*-76.32*	
		For >100 To 250, Deduct	*-114.47*	
		For >250 To 500, Deduct	*-184.63*	
		For >500 To 1000, Deduct	*-254.78*	
		For >1000, Deduct	*-324.93*	
26 56 19 00-0182	EA	80 LEDs, 90 Watt, Surface Mount, Rectangular, LED Parking Structure Fixture (CREE® BetaLED® Edge® PKG-EDG)	1,819.67	129.74
		For Multi-Level Drive Currents, Add	*267.03*	
		For >50 To 100, Deduct	*-90.98*	
		For >100 To 250, Deduct	*-136.48*	
		For >250 To 500, Deduct	*-220.97*	
		For >500 To 1000, Deduct	*-305.47*	
		For >1000, Deduct	*-389.96*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0183	EA	100 LEDs, 111 Watt, Surface Mount, Rectangular, LED Parking Structure Fixture (CREE® BetaLED® Edge® PKG-EDG)	2,113.03	136.23
		For Multi-Level Drive Currents, Add	*267.03*	
		For >50 To 100, Deduct	*-105.65*	
		For >100 To 250, Deduct	*-158.48*	
		For >250 To 500, Deduct	*-257.32*	
		For >500 To 1000, Deduct	*-356.16*	
		For >1000, Deduct	*-455.00*	

26 56 19 00-0184 Surface Mount, Square, LED Parking Structure Fixtures (CREE® BetaLED® Edge® PKG-304) *(26 56 19 00-0178)*

Note: Direct or pendant mount. UL wet listed. Includes 5,700K color temperature, 120-480 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.

26 56 19 00-0185	EA	40 LEDs, 47 Watt, Surface Mount, Square, LED Parking Structure Fixture (CREE® BetaLED® Edge® PKG-304)	1,187.19	116.76
		For Multi-Level Drive Currents, Add	*267.03*	
		For >50 To 100, Deduct	*-59.36*	
		For >100 To 250, Deduct	*-89.04*	
		For >250 To 500, Deduct	*-142.56*	
		For >500 To 1000, Deduct	*-196.08*	
		For >1000, Deduct	*-249.60*	
26 56 19 00-0186	EA	60 LEDs, 68 Watt, Surface Mount, Square, LED Parking Structure Fixture (CREE® BetaLED® Edge® PKG-304)	1,312.69	123.25
		For Multi-Level Drive Currents, Add	*267.03*	
		For >50 To 100, Deduct	*-65.63*	
		For >100 To 250, Deduct	*-98.45*	
		For >250 To 500, Deduct	*-157.92*	
		For >500 To 1000, Deduct	*-217.40*	
		For >1000, Deduct	*-276.87*	

26 56 19 00-0187 Surface Mount, Square, LED Parking Structure Fixtures (CREE® BetaLED® VG) *(26 56 19 00-0178)*

Note: UL wet listed. Includes 4,000K color temperature, 120-277 voltage, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.

26 56 19 00-0188	EA	3,700 Lumens, 50 Watt, Surface Mount, Square, LED Parking Structure Fixtures (CREE® BetaLED® VGADM5MA40KUL)	991.55	116.76
		For >50 To 100, Deduct	*-49.58*	
		For >100 To 250, Deduct	*-74.37*	
		For >250 To 500, Deduct	*-118.11*	
		For >500 To 1000, Deduct	*-161.84*	
		For >1000, Deduct	*-205.58*	

26 56 19 00-0189 Surface Mount, Rectangular, LED Parking Structure Fixtures (Philips Gardco ELG) *(26 56 19 00-0178)*

Note: Direct or pendant mount. UL wet listed. Includes 4,000K color temperature, 120-277 voltage, die-cast extruded aluminum housing assembly and aluminum finish. Excludes sensors.

26 56 19 00-0190	EA	70 Watt, Surface Mount, Rectangular, LED Parking Structure Fixture (Philips Gardco ELG)	1,984.91	123.25
		For >50 To 100, Deduct	*-99.25*	
		For >100 To 250, Deduct	*-148.87*	
		For >250 To 500, Deduct	*-241.95*	
		For >500 To 1000, Deduct	*-335.03*	
		For >1000, Deduct	*-428.12*	
26 56 19 00-0191	EA	110 Watt, Surface Mount, Rectangular, LED Parking Structure Fixture (Philips Gardco ELG)	2,010.87	136.23
		For >50 To 100, Deduct	*-100.54*	
		For >100 To 250, Deduct	*-150.82*	
		For >250 To 500, Deduct	*-244.55*	
		For >500 To 1000, Deduct	*-338.28*	
		For >1000, Deduct	*-432.01*	

26 56 19 00-0192 Surface Mount, LED Canopy Fixtures *(26 56 19 00-0156)*

26 56 19 00-0193 Surface Mount, Rectangular, LED Canopy Fixtures (CREE® BetaLED® Edge® CAN-EDG) *(26 56 19 00-0192)*

Note: Direct or pendant mount. UL wet listed. Includes 6,000K color temperature, 120-480 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.

26 56 19 00-0194	EA	40 LEDs, 47 Watt, Surface Mount, Rectangular, LED Canopy Fixture (CREE® BetaLED® Edge® CAN-EDG)	1,435.14	116.76
		For Multi-Level Drive Currents, Add	*267.03*	
		For >50 To 100, Deduct	*-71.76*	
		For >100 To 250, Deduct	*-107.64*	
		For >250 To 500, Deduct	*-173.55*	
		For >500 To 1000, Deduct	*-239.47*	
		For >1000, Deduct	*-305.39*	
26 56 19 00-0195	EA	60 LEDs, 68 Watt, Surface Mount, Rectangular, LED Canopy Fixture (CREE® BetaLED® Edge® CAN-EDG)	1,728.49	123.25
		For Multi-Level Drive Currents, Add	*267.03*	
		For >50 To 100, Deduct	*-86.42*	
		For >100 To 250, Deduct	*-129.64*	
		For >250 To 500, Deduct	*-209.90*	
		For >500 To 1000, Deduct	*-290.16*	
		For >1000, Deduct	*-370.42*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0196	EA	80 LEDs, 90 Watt, Surface Mount, Rectangular, LED Canopy Fixture (CREE® BetaLED® Edge® CAN-EDG)	2,021.85	129.74
		For Multi-Level Drive Currents, Add	*267.03*	
		For >50 To 100, Deduct	*-101.09*	
		For >100 To 250, Deduct	*-151.64*	
		For >250 To 500, Deduct	*-246.24*	
		For >500 To 1000, Deduct	*-340.85*	
		For >1000, Deduct	*-435.46*	
26 56 19 00-0197	EA	100 LEDs, 111 Watt, Surface Mount, Rectangular, LED Canopy Fixture (CREE® BetaLED® Edge® CAN-EDG)	2,315.21	136.23
		For Multi-Level Drive Currents, Add	*267.03*	
		For >50 To 100, Deduct	*-115.76*	
		For >100 To 250, Deduct	*-173.64*	
		For >250 To 500, Deduct	*-282.59*	
		For >500 To 1000, Deduct	*-391.54*	
		For >1000, Deduct	*-500.49*	
26 56 19 00-0198	EA	120 LEDs, 132 Watt, Surface Mount, Rectangular, LED Canopy Fixture (CREE® BetaLED® Edge® CAN-EDG)	2,608.54	142.72
		For Multi-Level Drive Currents, Add	*267.03*	
		For >50 To 100, Deduct	*-130.43*	
		For >100 To 250, Deduct	*-195.64*	
		For >250 To 500, Deduct	*-318.93*	
		For >500 To 1000, Deduct	*-442.22*	
		For >1000, Deduct	*-565.52*	
26 56 19 00-0199	EA	140 LEDs, 157 Watt, Surface Mount, Rectangular, LED Canopy Fixture (CREE® BetaLED® Edge® CAN-EDG)	3,014.43	149.20
		For Multi-Level Drive Currents, Add	*267.03*	
		For >50 To 100, Deduct	*-150.72*	
		For >100 To 250, Deduct	*-226.08*	
		For >250 To 500, Deduct	*-369.34*	
		For >500 To 1000, Deduct	*-512.61*	
		For >1000, Deduct	*-655.87*	
26 56 19 00-0200	EA	160 LEDs, 179 Watt, Surface Mount, Rectangular, LED Canopy Fixture (CREE® BetaLED® Edge® CAN-EDG)	3,307.78	155.68
		For Multi-Level Drive Currents, Add	*267.03*	
		For >50 To 100, Deduct	*-165.39*	
		For >100 To 250, Deduct	*-248.08*	
		For >250 To 500, Deduct	*-405.69*	
		For >500 To 1000, Deduct	*-563.29*	
		For >1000, Deduct	*-720.90*	
26 56 19 00-0201	EA	200 LEDs, 221 Watt, Surface Mount, Rectangular, LED Canopy Fixture (CREE® BetaLED® Edge® CAN-EDG)	3,894.49	168.66
		For Multi-Level Drive Currents, Add	*267.03*	
		For >50 To 100, Deduct	*-194.72*	
		For >100 To 250, Deduct	*-292.09*	
		For >250 To 500, Deduct	*-478.38*	
		For >500 To 1000, Deduct	*-664.67*	
		For >1000, Deduct	*-850.96*	
26 56 19 00-0202	EA	240 LEDs, 264 Watt, Surface Mount, Rectangular, LED Canopy Fixture (CREE® BetaLED® Edge® CAN-EDG)	4,468.20	175.15
		For Multi-Level Drive Currents, Add	*267.03*	
		For >50 To 100, Deduct	*-223.41*	
		For >100 To 250, Deduct	*-335.12*	
		For >250 To 500, Deduct	*-549.77*	
		For >500 To 1000, Deduct	*-764.42*	
		For >1000, Deduct	*-979.07*	

26 56 19 00-0203 Surface Mount, Square, LED Canopy/Soffit Fixtures (CREE® BetaLED® CPY250) *(26 56 19 00-0192)*

Note: UL wet listed. Includes 5,700K color temperature, 120-277 voltage, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.

26 56 19 00-0204	EA	8,000 Lumens, 82 Watt, Surface Mount, Square, LED Canopy/Soffit Fixture (CREE® BetaLED® CPY250)	978.54	129.74
		For >50 To 100, Deduct	*-48.93*	
		For >100 To 250, Deduct	*-73.39*	
		For >250 To 500, Deduct	*-115.83*	
		For >500 To 1000, Deduct	*-158.27*	
		For >1000, Deduct	*-200.71*	

26 56 19 00-0205 Recessed Mount, LED Soffit Fixtures *(26 56 19 00-0156)*

26 56 19 00-0206 Recessed Mount, Square, LED Soffit Fixtures (CREE® BetaLED® SFT-304) *(26 56 19 00-0205)*

Note: UL wet listed. Includes 5,700K color temperature, 120/277 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.

26 56 19 00-0207	EA	40 LEDs, 47 Watt, Recessed Mount, Square, LED Soffit Fixture (CREE® BetaLED® SFT-304)	1,210.08	116.76
		For >50 To 100, Deduct	*-60.50*	
		For >100 To 250, Deduct	*-90.76*	
		For >250 To 500, Deduct	*-145.42*	
		For >500 To 1000, Deduct	*-200.09*	
		For >1000, Deduct	*-254.75*	
26 56 19 00-0208	EA	60 LEDs, 68 Watt, Recessed Mount, Square, LED Soffit Fixture (CREE® BetaLED® SFT-304)	1,335.58	123.25
		For >50 To 100, Deduct	*-66.78*	
		For >100 To 250, Deduct	*-100.17*	
		For >250 To 500, Deduct	*-160.79*	
		For >500 To 1000, Deduct	*-221.40*	
		For >1000, Deduct	*-282.02*	

26 56 19 00-0209 Surface Mount, LED Area Fixtures *(26 56 19 00-0156)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0210		**Surface Mount, Square, LED Multi-Purpose Area Fixtures (LSI Industries® Crossover® XPG)** *(26 56 19 00-0209)* Note: UL wet listed. Includes 5,300K color temperature, 120/277 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black or silver powder coat finish. Excludes sensors.		
26 56 19 00-0211	EA	50 LEDs, 59 Watt, Surface Mount, Square, LED Multi-Purpose Area Fixture (LSI Industries® Crossover® XPG)	638.00	116.76
		For >50 To 100, Deduct	*-31.90*	
		For >100 To 250, Deduct	*-47.85*	
		For >250 To 500, Deduct	*-73.91*	
		For >500 To 1000, Deduct	*-99.97*	
		For >1000, Deduct	*-126.04*	
26 56 19 00-0212	EA	50 LEDs, 59 Watt, Pendant Mount, Square, LED Multi-Purpose Area Fixture (LSI Industries® Crossover® XPG)	1,442.95	116.76
		For >50 To 100, Deduct	*-72.15*	
		For >100 To 250, Deduct	*-108.22*	
		For >250 To 500, Deduct	*-174.53*	
		For >500 To 1000, Deduct	*-240.84*	
		For >1000, Deduct	*-307.15*	
26 56 19 00-0213	EA	68 LEDs, 79 Watt, Surface Mount, Square, LED Multi-Purpose Area Fixture (LSI Industries® Crossover® XPG)	1,195.31	129.74
		For >50 To 100, Deduct	*-59.77*	
		For >100 To 250, Deduct	*-89.65*	
		For >250 To 500, Deduct	*-142.93*	
		For >500 To 1000, Deduct	*-196.21*	
		For >1000, Deduct	*-249.48*	
26 56 19 00-0214	EA	68 LEDs, 79 Watt, Pendant Mount, Square, LED Multi-Purpose Area Fixture (LSI Industries® Crossover® XPG)	1,484.09	129.74
		For >50 To 100, Deduct	*-74.20*	
		For >100 To 250, Deduct	*-111.31*	
		For >250 To 500, Deduct	*-179.02*	
		For >500 To 1000, Deduct	*-246.74*	
		For >1000, Deduct	*-314.46*	
26 56 19 00-0215		**Surface Mount, LED Multi-Purpose Area Fixture (Lumark Crosstour®)** *(26 56 19 00-0209)* Note: Wall, inverted, post, bollard, floodlight trunnion, or floodlight knuckle mount. UL wet listed. Includes 5,000K color temperature, 120/277 voltage, die-cast extruded aluminum housing assembly and white or bronze powder coat finish. Excludes sensors.		
26 56 19 00-0216	EA	13 Watt, Surface Mount, LED Multi-Purpose Area Fixture (Lumark Crosstour® XTOR1A)	205.97	41.73
		For Knuckle Mount Or Trunnion Mount Base, Add	*45.00*	
		For >50 To 100, Deduct	*-10.30*	
		For >100 To 250, Deduct	*-15.45*	
		For >250 To 500, Deduct	*-24.01*	
		For >500 To 1000, Deduct	*-32.57*	
		For >1000, Deduct	*-41.13*	
26 56 19 00-0217	EA	20 Watt, Surface Mount, LED Multi-Purpose Area Fixture (Lumark Crosstour® XTOR2A)	234.91	41.73
		For Knuckle Mount Or Trunnion Mount Base, Add	*45.00*	
		For >50 To 100, Deduct	*-11.75*	
		For >100 To 250, Deduct	*-17.62*	
		For >250 To 500, Deduct	*-27.63*	
		For >500 To 1000, Deduct	*-37.63*	
		For >1000, Deduct	*-47.64*	
26 56 19 00-0218	EA	30 Watt, Surface Mount, LED Multi-Purpose Area Fixture (Lumark Crosstour® XTOR3A)	290.03	41.73
		For Knuckle Mount Or Trunnion Mount Base, Add	*45.00*	
		For >50 To 100, Deduct	*-14.50*	
		For >100 To 250, Deduct	*-21.75*	
		For >250 To 500, Deduct	*-34.52*	
		For >500 To 1000, Deduct	*-47.28*	
		For >1000, Deduct	*-60.04*	
26 56 19 00-0219		**Surface Mount, LED Facade Fixtures** *(26 56 19 00-0156)*		
26 56 19 00-0220		**Surface Mount, LED Facade Fixtures (lumenpulse™ lumenfacade™)** *(26 56 19 00-0219)*		
26 56 19 00-0221	EA	12" Length, Fixed Surface Mount, LED Façade Fixture (lumenpulse™ lumenfacade™)	755.68	48.71
		For >50 To 100, Deduct	*-37.78*	
		For >100 To 250, Deduct	*-56.68*	
		For >250 To 500, Deduct	*-92.61*	
		For >500 To 1000, Deduct	*-128.54*	
		For >1000, Deduct	*-164.47*	
26 56 19 00-0222	EA	24" Length, Fixed Surface Mount, LED Façade Fixture (lumenpulse™ lumenfacade™)	1,236.63	44.47
		For >50 To 100, Deduct	*-61.83*	
		For >100 To 250, Deduct	*-92.75*	
		For >250 To 500, Deduct	*-152.99*	
		For >500 To 1000, Deduct	*-213.23*	
		For >1000, Deduct	*-273.48*	
26 56 19 00-0223	EA	36" Length, Fixed Surface Mount, LED Façade Fixture (lumenpulse™ lumenfacade™)	1,581.92	37.06
		For >50 To 100, Deduct	*-79.10*	
		For >100 To 250, Deduct	*-118.64*	
		For >250 To 500, Deduct	*-196.42*	
		For >500 To 1000, Deduct	*-274.19*	
		For >1000, Deduct	*-351.96*	
26 56 19 00-0224	EA	48" Length, Fixed Surface Mount, LED Façade Fixture (lumenpulse™ lumenfacade™)	1,927.18	29.65
		For >50 To 100, Deduct	*-96.36*	
		For >100 To 250, Deduct	*-144.54*	
		For >250 To 500, Deduct	*-239.84*	
		For >500 To 1000, Deduct	*-335.14*	
		For >1000, Deduct	*-430.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0225		**Post Top, LED Area Fixtures** *(26 56 19 00-0156)*		
26 56 19 00-0226		**Post Top, LED Area Fixtures (Cooper Lighting Invue® MSA)** *(26 56 19 00-0225)* Note: UL wet listed. Includes 4,000K color temperature, 120-480 voltage, 350mA remote driver, die-cast extruded aluminum housing assembly and white, black, grey, dark platinum, graphite metallic or bronze powder coat finish. Excludes sensors.		
26 56 19 00-0227	EA	1,800 Lumens, 27 Watt, Post Top Mount, Acorn Style LED Area Fixture (Cooper Lighting Invue® MSA-CO1)	2,105.89	178.39
		For >50 To 100, Deduct	*-105.29*	
		For >100 To 250, Deduct	*-157.94*	
		For >250 To 500, Deduct	*-254.32*	
		For >500 To 1000, Deduct	*-350.69*	
		For >1000, Deduct	*-447.07*	
26 56 19 00-0228	EA	3,400 Lumens, 54 Watt, Post Top Mount, Acorn Style LED Area Fixture (Cooper Lighting Invue® MSA-CO2)	2,329.07	178.39
		For >50 To 100, Deduct	*-116.45*	
		For >100 To 250, Deduct	*-174.68*	
		For >250 To 500, Deduct	*-282.21*	
		For >500 To 1000, Deduct	*-389.75*	
		For >1000, Deduct	*-497.28*	
26 56 19 00-0229	EA	77 Watt, Post Top Mount, Acorn Style LED Area Fixture (Cooper Lighting Invue® MSA-CO3)	2,505.48	178.39
		For >50 To 100, Deduct	*-125.27*	
		For >100 To 250, Deduct	*-187.91*	
		For >250 To 500, Deduct	*-304.27*	
		For >500 To 1000, Deduct	*-420.62*	
		For >1000, Deduct	*-536.97*	
26 56 19 00-0230		**Post Top, LED Area Fixtures (General Electric EPAS)** *(26 56 19 00-0225)* Note: UL wet listed. Includes 4,100K color temperature, 120-480 voltage, die-cast extruded aluminum housing assembly and black, green or bronze powder coat finish. Includes photocontrol sensor.		
26 56 19 00-0231	EA	3,200 Lumens, 45 Watt, Post Top Mount, Acorn Style LED Area Fixture (General Electric EPAS 0 E5/E3)	2,488.66	178.39
		For >50 To 100, Deduct	*-124.43*	
		For >100 To 250, Deduct	*-186.65*	
		For >250 To 500, Deduct	*-302.16*	
		For >500 To 1000, Deduct	*-417.68*	
		For >1000, Deduct	*-533.19*	
26 56 19 00-0232	EA	6,515 Lumens, 80 Watt, Post Top Mount, Acorn Style LED Area Fixture (General Electric EPAS 0 C5/C3)	2,546.01	178.39
		For >50 To 100, Deduct	*-127.30*	
		For >100 To 250, Deduct	*-190.95*	
		For >250 To 500, Deduct	*-309.33*	
		For >500 To 1000, Deduct	*-427.71*	
		For >1000, Deduct	*-546.09*	
26 56 19 00-0233		**Post Top, LED Area Fixtures (General Electric EPTC)** *(26 56 19 00-0225)* Note: UL wet listed. Includes 4,100K color temperature, 120-480 voltage, die-cast extruded aluminum housing assembly and black, gray or dark bronze powder coat finish. Includes photocontrol sensor.		
26 56 19 00-0234	EA	3,200 Lumens, 45 Watt, Post Top Mount, Contemporary Twin Support Style LED Area Fixture (General Electric EPTC 0 E5/E3)	1,712.31	178.39
		For >50 To 100, Deduct	*-85.62*	
		For >100 To 250, Deduct	*-128.42*	
		For >250 To 500, Deduct	*-205.12*	
		For >500 To 1000, Deduct	*-281.82*	
		For >1000, Deduct	*-358.51*	
26 56 19 00-0235	EA	6,150 Lumens, 80 Watt, Post Top Mount, Contemporary Twin Support Style LED Area Fixture (General Electric EPTC 0 C5/C3)	1,798.13	178.39
		For >50 To 100, Deduct	*-89.91*	
		For >100 To 250, Deduct	*-134.86*	
		For >250 To 500, Deduct	*-215.85*	
		For >500 To 1000, Deduct	*-296.83*	
		For >1000, Deduct	*-377.82*	
26 56 19 00-0236		**Post Top, LED Area Fixtures (General Electric EPST)** *(26 56 19 00-0225)* Note: UL wet listed. Includes 4,100K color temperature, 120-480 voltage, die-cast extruded aluminum housing assembly and black or dark bronze powder coat finish. Includes photocontrol sensor.		
26 56 19 00-0237	EA	3,135 Lumens, 45 Watt, Post Top Mount, Utility Carriage Style LED Area Fixture (General Electric EPST 0 E5/E3)	1,322.23	178.39
		For >50 To 100, Deduct	*-66.11*	
		For >100 To 250, Deduct	*-99.17*	
		For >250 To 500, Deduct	*-156.36*	
		For >500 To 1000, Deduct	*-213.55*	
		For >1000, Deduct	*-270.74*	
26 56 19 00-0238	EA	6,115 Lumens, 80 Watt, Post Top Mount, Utility Carriage Style LED Area Fixture (General Electric EPST 0 C5/C3)	1,408.05	178.39
		For >50 To 100, Deduct	*-70.40*	
		For >100 To 250, Deduct	*-105.60*	
		For >250 To 500, Deduct	*-167.09*	
		For >500 To 1000, Deduct	*-228.57*	
		For >1000, Deduct	*-290.05*	
26 56 19 00-0239		**Post Top, LED Area Fixtures (CREE® BetaLED® Edge® ARE-EDR)** *(26 56 19 00-0225)* Note: UL wet listed. Includes 4,000K color temperature, 120/277 voltage, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Includes Type V Medium optic. Excludes sensors.		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0240	EA	13,800 Lumens, 130 Watt, Post Top Mount, LED Area Fixture (CREE® BetaLED® Edge® ARE-EDR)	3,263.54	178.39
		For >50 To 100, Deduct	*-163.18*	
		For >100 To 250, Deduct	*-244.77*	
		For >250 To 500, Deduct	*-399.02*	
		For >500 To 1000, Deduct	*-553.28*	
		For >1000, Deduct	*-707.54*	
26 56 19 00-0241		LED Retrofit For Post Top, Traditional Area Fixtures (CREE® BetaLED® BXRA) *(26 56 19 00-0225)*		
		Note: Includes 2,700K or 4,000K color temperature and 120/277 voltage retrofit assembly. Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling.		
26 56 19 00-0242	EA	LED Retrofit For Post Top, Holophane® Utility Granville Acorn Area Fixtures (CREE® BetaLED® BXRAAH53)	891.41	97.30
		For 0 To 10 Volt Dimming, Add	*67.48*	
		For >50 To 100, Deduct	*-44.57*	
		For >100 To 250, Deduct	*-66.86*	
		For >250 To 500, Deduct	*-106.56*	
		For >500 To 1000, Deduct	*-146.27*	
		For >1000, Deduct	*-185.97*	
26 56 19 00-0243		LED Retrofit For Post Top, Decorative Area Fixtures (CREE® DPT) *(26 56 19 00-0225)*		
		Note: Includes 3,000K color temperature and 120/277 voltage retrofit assembly. Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling.		
26 56 19 00-0244	EA	LED Retrofit For Post Top, Decorative Area Fixtures (CREE® DPT)	564.88	20.76
		For Backlight Control Shield, Add	*44.30*	
		For >50 To 100, Deduct	*-28.24*	
		For >100 To 250, Deduct	*-42.37*	
		For >250 To 500, Deduct	*-68.53*	
		For >500 To 1000, Deduct	*-94.70*	
		For >1000, Deduct	*-120.87*	
26 56 19 00-0245		Surface Mount, LED Strip Fixtures (Sylvania) *(26 56 19 00-0156)*		
26 56 19 00-0246	EA	4' Long, 5,200 Lumens, 40 Watt, Vapor Tight Dimmable LED Fixture (Sylvania VAPOR1B/040UNVD840/48EC/GR/D)	521.56	38.75
		For >50 To 100, Deduct	*-26.08*	
		For >100 To 250, Deduct	*-39.12*	
		For >250 To 500, Deduct	*-63.74*	
		For >500 To 1000, Deduct	*-88.36*	
		For >1000, Deduct	*-112.98*	
26 56 21		**HID Exterior Lighting** *(26 56)*		
26 56 21 00-0001		High Mast Fixtures *(26 56 21)*		
26 56 21 00-0002		Metal Halide, High Mast Fixtures *(26 56 21 00-0001)*		
26 56 21 00-0003	EA	400 W High Mast Metal Halide Fixture (VA 25 Type V) As Manufactured By Metrolux	1,967.92	160.52
26 56 21 00-0004	EA	400 W High Mast Metal Halide Fixture (VA 25 Type VS, VF 1 And 3) As Manufactured By Metrolux	2,104.39	160.52
26 56 21 00-0005	EA	750 W High Mast Metal Halide Fixture (VA 25 Type V) As Manufactured By Metrolux	2,083.84	183.38
26 56 21 00-0006	EA	750 W High Mast Metal Halide Fixture (VA 25 Type VS, VF 1 And 3) As Manufactured By Metrolux	2,165.72	183.38
26 56 21 00-0007	EA	1,000 W High Mast Metal Halide Fixture (VA 25 Type V) As Manufactured By Metrolux	2,185.90	229.22
26 56 21 00-0008	EA	1,000 W High Mast Metal Halide Fixture (VA 25 Type VS, VF 1 And 3) As Manufactured By Metrolux	2,267.78	229.22
26 56 21 00-0009		High Pressure Sodium, High Mast Fixtures *(26 56 21 00-0001)*		
26 56 21 00-0010	EA	400 W High Mast HPS Fixture (VA 25 Type V) As Manufactured By Metrolux	2,033.88	160.52
26 56 21 00-0011	EA	400 W High Mast HPS Fixture (VA 25 Type VS, VF 1 And 3) As Manufactured By Metrolux	2,115.76	160.52
26 56 21 00-0012	EA	600 Watt High Mast HPS Fixture (VA 25 Type V, VS, VF 1 And 3) As Manufactured By Metrolux	2,463.56	169.69
26 56 21 00-0013	EA	750 Watt High Mast HPS Fixture (VA 25 Type V, VS, VF 1 And 3) As Manufactured By Metrolux	2,522.85	183.38
26 56 21 00-0014	EA	1,000 Watt High Mast HPS Fixture (VA 25 Type V, VS, VF 1 And 3) As Manufactured By Metrolux	2,665.85	229.22
26 56 21 00-0015		Cobra Head Lighting Fixtures *(26 56 21)*		
26 56 21 00-0016	EA	Cobra Head Housing With 150 Watt Lamp	989.31	127.07
26 56 21 00-0017	EA	Cobra Head Housing With 175 Watt Lamp	982.64	127.07
26 56 21 00-0018	EA	Cobra Head Housing With 250 Watt Lamp	1,049.90	127.07
26 56 21 00-0019	EA	Cobra Head Housing With 400 Watt Lamp	1,059.78	127.07
26 56 21 00-0020		HID, Pole Mounted *(26 56 21)*		
26 56 21 00-0021		Metal Halide, Pole Mounted *(26 56 21 00-0020)*		
26 56 21 00-0022	EA	175 Watt Metal Halide, Enclosed And Gasketed, Exterior Roadway Fixture	660.65	261.74
26 56 21 00-0023	EA	250 Watt Metal Halide, Enclosed And Gasketed, Exterior Roadway Fixture	742.70	284.12
26 56 21 00-0024	EA	400 Watt Metal Halide, Enclosed And Gasketed, Exterior Roadway Fixture	865.38	305.63
26 56 21 00-0025	EA	1,000 Watt Metal Halide, Enclosed And Gasketed, Exterior Roadway Fixture	1,099.16	358.21
26 56 21 00-0026		High Pressure Sodium, Pole Mounted *(26 56 21 00-0020)*		
26 56 21 00-0027	EA	100 Watt High Pressure Sodium, Enclosed And Gasketed, Exterior Roadway Fixture	820.60	305.63

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 21 00-0028	EA	150 Watt High Pressure Sodium, Enclosed And Gasketed, Exterior Roadway Fixture	846.11	305.63
26 56 21 00-0029	EA	175 Watt High Pressure Sodium, Enclosed And Gasketed, Exterior Roadway Fixture	885.54	305.63
26 56 21 00-0030	EA	250 Watt High Pressure Sodium, Enclosed And Gasketed, Exterior Roadway Fixture	991.88	305.63
26 56 21 00-0031	EA	400 Watt High Pressure Sodium, Enclosed And Gasketed, Exterior Roadway Fixture	1,144.62	305.63
26 56 21 00-0032	EA	1,000 Watt High Pressure Sodium, Enclosed And Gasketed, Exterior Roadway Fixture	1,060.09	305.63
26 56 21 00-0033	EA	150 Watt Sterner Gothic Fixture	974.15	171.15
26 56 21 00-0034	EA	250 Watt Sterner Gothic Fixture	1,392.80	213.94
26 56 21 00-0035		**Low Pressure Sodium, Pole Mounted** *(26 56 21 00-0020)*		
26 56 21 00-0036	EA	135 Watt Low Pressure Sodium Exterior Roadway Fixture, Enclosed And Gasketed	679.33	166.27
26 56 21 00-0037	EA	135 Watt Low Pressure Sodium Fixture, Enclosed And Gasketed	738.66	244.51
26 56 21 00-0038	EA	180 Watt Low Pressure Sodium Fixture, Enclosed And Gasketed	871.07	244.51
26 56 21 00-0039		**Metal Halide, Area Fixtures** *(26 56 21)*		
26 56 21 00-0040		**Metal Halide, Pole Mount, Area Fixtures** *(26 56 21 00-0039)*		
		Note: Includes pulse start ballast.		
26 56 21 00-0041	EA	150 Watt, Metal Halide Area Fixture, Pole Mount	1,132.50	161.99
26 56 21 00-0042	EA	175 Watt, Metal Halide Area Fixture, Pole Mount	1,242.71	178.19
26 56 21 00-0043	EA	250 Watt, Metal Halide Area Fixture, Pole Mount	1,374.89	194.40
26 56 21 00-0044	EA	400 Watt, Metal Halide Area Fixture, Pole Mount	1,449.57	226.79
26 56 21 00-0045		**High Pressure Sodium, Area Fixtures** *(26 56 21)*		
26 56 21 00-0046		**Pole Mount, High Pressure Sodium Area Fixtures** *(26 56 21 00-0045)*		
26 56 21 00-0047	EA	100 Watt, High Pressure Sodium Area Fixture, Pole Mount	941.92	129.59
26 56 21 00-0048	EA	150 Watt, High Pressure Sodium Area Fixture, Pole Mount	1,020.64	161.99
26 56 21 00-0049	EA	250 Watt, High Pressure Sodium Area Fixture, Pole Mount	1,103.07	194.40
26 56 21 00-0050	EA	400 Watt, High Pressure Sodium Area Fixture, Pole Mount	1,158.29	226.79
26 56 21 00-0051		**Surface Mounted, Rectangular Exterior Area Fixture** *(26 56 21)*		
26 56 21 00-0052		**Metal Halide, Surface Mounted, Rectangular Exterior Area Fixture** *(26 56 21 00-0051)*		
26 56 21 00-0053	EA	175 Watt Metal Halide, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture	622.05	244.51
26 56 21 00-0054	EA	250 Watt Metal Halide, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture	707.12	275.07
26 56 21 00-0055	EA	400 Watt Metal Halide, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture	845.71	305.63
26 56 21 00-0056	EA	1,000 Watt Metal Halide, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture	1,080.87	358.21
26 56 21 00-0057		**High Pressure Sodium, Surface Mounted, Rectangular Exterior Area Fixture** *(26 56 21 00-0051)*		
26 56 21 00-0058	EA	70 Watt High Pressure Sodium, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture (LumaPro)	595.77	209.06
26 56 21 00-0059	EA	100 Watt High Pressure Sodium, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture (LumaPro)	646.88	222.51
26 56 21 00-0060	EA	150 Watt High Pressure Sodium, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture (LumaPro)	696.49	234.73
26 56 21 00-0061	EA	175 Watt High Pressure Sodium, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture	719.82	244.51
26 56 21 00-0062	EA	250 Watt High Pressure Sodium, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture	798.46	275.07
26 56 21 00-0063	EA	400 Watt High Pressure Sodium, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture	860.88	305.63
26 56 21 00-0064	EA	1,000 Watt High Pressure Sodium, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture	1,190.51	358.21
26 56 21 00-0065		**Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixtures** *(26 56 21)*		
26 56 21 00-0066		**High Pressure Sodium, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixtures** *(26 56 21 00-0065)*		
		Note: Includes cast aluminum powder coated housing, polycarbonate lens and tamperproof screws.		
26 56 21 00-0067	EA	35 Watt High Pressure Sodium, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	809.67	165.04
26 56 21 00-0068	EA	50 Watt High Pressure Sodium, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	837.70	183.38
26 56 21 00-0069	EA	70 Watt High Pressure Sodium, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	892.86	209.06
26 56 21 00-0070	EA	100 Watt High Pressure Sodium, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	916.38	222.51
26 56 21 00-0071	EA	150 Watt High Pressure Sodium, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	940.60	234.73
26 56 21 00-0072	EA	175 Watt High Pressure Sodium, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	985.81	244.51
26 56 21 00-0073	EA	250 Watt High Pressure Sodium, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	1,081.07	275.07
26 56 21 00-0074	EA	400 Watt High Pressure Sodium, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	1,319.42	305.63
26 56 21 00-0075		**Metal Halide, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixtures** *(26 56 21 00-0065)*		
		Note: Includes cast aluminum powder coated housing, polycarbonate lens and tamperproof screws.		
26 56 21 00-0076	EA	50 Watt Metal Halide, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	890.99	183.38
26 56 21 00-0077	EA	70 Watt Metal Halide, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	938.07	209.06
26 56 21 00-0078	EA	100 Watt Metal Halide, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	969.12	222.51
26 56 21 00-0079	EA	150 Watt Metal Halide, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	1,009.59	234.73
26 56 21 00-0080	EA	175 Watt Metal Halide, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	1,031.09	244.51

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 21 00-0081	EA	250 Watt Metal Halide, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	1,128.69	275.07
26 56 21 00-0082	EA	400 Watt Metal Halide, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	1,445.90	305.63
26 56 21 00-0083		**Wall Packs** *(26 56 21)*		
26 56 21 00-0084		**Non-Cutoff, Polycarbonate Lens, Mini Wall Packs** *(26 56 21 00-0083)* Note: Polycarbonate body and aluminum reflector. 11" x 6-1/2" x 5-1/4". Lithonia TWS.		
26 56 21 00-0085	EA	13 Watt Compact Fluorescent, Non-Cutoff, Polycarbonate Lens, Mini Wall Pack	357.46	57.95
26 56 21 00-0086	EA	50 Watt Metal Halide, Non-Cutoff, Polycarbonate Lens, Mini Wall Pack	384.43	57.95
26 56 21 00-0087	EA	35 Watt High Pressure Sodium, Non-Cutoff, Polycarbonate Lens, Mini Wall Pack	384.43	57.95
26 56 21 00-0088	EA	70 Watt High Pressure Sodium, Non-Cutoff, Polycarbonate Lens, Mini Wall Pack	515.21	57.95
26 56 21 00-0089		**Semi Cutoff, Polycarbonate Lens, Mini Wall Packs** *(26 56 21 00-0083)* Note: Polycarbonate body and diffused aluminum reflector. 10" x 11-1/2" x 8-15/16". Lithonia TWA.		
26 56 21 00-0090	EA	42 Watt Compact Fluorescent, Semi Cutoff, Polycarbonate Lens, Mini Wall Pack	726.31	57.95
26 56 21 00-0091	EA	50 Watt Metal Halide, Semi Cutoff, Polycarbonate Lens, Mini Wall Pack	736.01	57.95
26 56 21 00-0092	EA	70 Watt Metal Halide, Semi Cutoff, Polycarbonate Lens, Mini Wall Pack	744.40	57.95
26 56 21 00-0093	EA	100 Watt Metal Halide, Semi Cutoff, Polycarbonate Lens, Mini Wall Pack	729.10	57.95
26 56 21 00-0094	EA	70 Watt High Pressure Sodium, Semi Cutoff, Polycarbonate Lens, Mini Wall Pack	666.16	57.95
26 56 21 00-0095	EA	100 Watt High Pressure Sodium, Semi Cutoff, Polycarbonate Lens, Mini Wall Pack	631.59	57.95
26 56 21 00-0096		**Cutoff, Polycarbonate Lens, Mini Wall Packs** *(26 56 21 00-0083)* Note: Polycarbonate body and diffused aluminum reflector. 10" x 11-1/2" x 8-15/16". Lithonia TWAC.		
26 56 21 00-0097	EA	50 Watt Metal Halide, Cutoff, Polycarbonate Lens, Mini Wall Pack	766.13	57.95
26 56 21 00-0098	EA	70 Watt Metal Halide, Cutoff, Polycarbonate Lens, Mini Wall Pack	774.97	57.95
26 56 21 00-0099	EA	100 Watt Metal Halide, Cutoff, Polycarbonate Lens, Mini Wall Pack	759.69	57.95
26 56 21 00-0100	EA	70 Watt High Pressure Sodium, Cutoff, Polycarbonate Lens, Mini Wall Pack	771.99	57.95
26 56 21 00-0101	EA	100 Watt High Pressure Sodium, Cutoff, Polycarbonate Lens, Mini Wall Pack	771.99	57.95
26 56 21 00-0102		**Non-Cutoff, Borosilicate Glass Lens, Small Wall Packs** *(26 56 21 00-0083)* Note: Aluminum body and reflector. 9" x 13" x 7-3/8". Lithonia TWR1.		
26 56 21 00-0103	EA	70 Watt Metal Halide, Non-Cutoff, Borosilicate Glass Lens, Small Wall Pack	722.40	77.19
26 56 21 00-0104	EA	100 Watt Metal Halide, Non-Cutoff, Borosilicate Glass Lens, Small Wall Pack	722.40	77.19
26 56 21 00-0105	EA	175 Watt Metal Halide, Non-Cutoff, Borosilicate Glass Lens, Small Wall Pack	675.03	77.19
26 56 21 00-0106	EA	70 Watt High Pressure Sodium, Non-Cutoff, Borosilicate Glass Lens, Small Wall Pack	693.18	77.19
26 56 21 00-0107	EA	100 Watt High Pressure Sodium, Non-Cutoff, Borosilicate Glass Lens, Small Wall Pack	693.18	77.19
26 56 21 00-0108	EA	150 Watt High Pressure Sodium, Non-Cutoff, Borosilicate Glass Lens, Small Wall Pack	640.67	77.19
26 56 21 00-0109		**Cutoff, Borosilicate Glass Lens, Small Wall Packs** *(26 56 21 00-0083)* Note: Aluminum body and reflector. 10-1/4" x 13" x 8-15/32". Lithonia TWR1C.		
26 56 21 00-0110	EA	70 Watt Metal Halide, Cutoff, Borosilicate Glass Lens, Small Wall Pack	750.46	77.19
26 56 21 00-0111	EA	100 Watt Metal Halide, Cutoff, Borosilicate Glass Lens, Small Wall Pack	750.46	77.19
26 56 21 00-0112	EA	175 Watt Metal Halide, Cutoff, Borosilicate Glass Lens, Small Wall Pack	750.46	77.19
26 56 21 00-0113	EA	70 Watt High Pressure Sodium, Cutoff, Borosilicate Glass Lens, Small Wall Pack	722.60	77.19
26 56 21 00-0114	EA	100 Watt High Pressure Sodium, Cutoff, Borosilicate Glass Lens, Small Wall Pack	722.60	77.19
26 56 21 00-0115	EA	150 Watt High Pressure Sodium, Cutoff, Borosilicate Glass Lens, Small Wall Pack	722.60	77.19
26 56 21 00-0116		**Full Cutoff, Tempered Glass Lens, Small Wall Packs** *(26 56 21 00-0083)* Note: Aluminum body and reflector. 9-3/8" x 14-3/8" x 8-3/4". Meets Nighttime Friendly criteria. Lithonia TWR1S.		
26 56 21 00-0117	EA	175 Watt Metal Halide, Full Cutoff, Tempered Glass Lens, Small Wall Pack	977.17	77.19
26 56 21 00-0118		**Cutoff, Borosilicate Glass Lens, Medium Wall Packs** *(26 56 21 00-0083)* Note: Aluminum body and reflector. Lithonia TWR2.		
26 56 21 00-0119	EA	250 Watt Metal Halide, Cutoff, Borosilicate Glass Lens, Medium Wall Pack Note: 9-1/4" x 17-7/8" x 9-3/8".	910.68	95.62
26 56 21 00-0120	EA	400 Watt Metal Halide, Cutoff, Borosilicate Glass Lens, Medium Wall Pack Note: 9-1/4" x 17-7/8" x 12-1/2".	974.89	95.62
26 56 21 00-0121	EA	250 Watt High Pressure Sodium, Cutoff, Borosilicate Glass Lens, Medium Wall Pack Note: 9-1/4" x 17-7/8" x 9-3/8".	1,051.45	95.62
26 56 21 00-0122	EA	400 Watt High Pressure Sodium, Cutoff, Borosilicate Glass Lens, Medium Wall Pack Note: 9-1/4" x 17-7/8" x 12-1/2".	1,072.52	95.62
26 56 21 00-0123		**Cutoff, Tempered Glass Lens, Medium Wall Packs** *(26 56 21 00-0083)* Note: Aluminum body and reflector. 10" x 17-1/8" x 14-1/2". Lithonia TWR2C.		
26 56 21 00-0124	EA	250 Watt Metal Halide, Cutoff, Tempered Glass Lens, Medium Wall Pack	993.27	95.62
26 56 21 00-0125	EA	400 Watt Metal Halide, Cutoff, Tempered Glass Lens, Medium Wall Pack	1,065.42	95.62
26 56 21 00-0126		**Non-Cutoff, Polycarbonate Lens, Large Wall Packs** *(26 56 21 00-0083)* Note: Polycarbonate body and powder coated reflector. 15-7/16" x 16-1/8" x 7-3/4". Lithonia TWP.		
26 56 21 00-0127	EA	100 Watt Metal Halide, Non-Cutoff, Polycarbonate Lens, Large Wall Pack	908.07	115.91
26 56 21 00-0128	EA	175 Watt Metal Halide, Non-Cutoff, Polycarbonate Lens, Large Wall Pack	831.65	115.91
26 56 21 00-0129	EA	70 Watt High Pressure Sodium, Non-Cutoff, Polycarbonate Lens, Large Wall Pack	890.38	115.91
26 56 21 00-0130	EA	100 Watt High Pressure Sodium, Non-Cutoff, Polycarbonate Lens, Large Wall Pack	896.23	115.91

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 21 00-0131	EA	150 Watt High Pressure Sodium, Non-Cutoff, Polycarbonate Lens, Large Wall Pack	902.36	115.91
26 56 21 00-0132		**Non-Cutoff, Borosilicate Glass Lens, Large Wall Packs** *(26 56 21 00-0083)*		
		Note: Aluminum body and reflector. 15-3/4" x 16-1/4" x 8". Lithonia TWH.		
26 56 21 00-0133	EA	175 Watt Metal Halide, Non-Cutoff, Borosilicate Glass Lens, Large Wall Pack	908.09	115.91
26 56 21 00-0134	EA	250 Watt Metal Halide, Non-Cutoff, Borosilicate Glass Lens, Large Wall Pack	933.59	115.91
26 56 21 00-0135	EA	400 Watt Metal Halide, Non-Cutoff, Borosilicate Glass Lens, Large Wall Pack	1,010.00	115.91
26 56 21 00-0136	EA	150 Watt High Pressure Sodium, Non-Cutoff, Borosilicate Glass Lens, Large Wall Pack	959.07	115.91
26 56 21 00-0137	EA	250 Watt High Pressure Sodium, Non-Cutoff, Borosilicate Glass Lens, Large Wall Pack	984.57	115.91
26 56 21 00-0138	EA	400 Watt High Pressure Sodium, Non-Cutoff, Borosilicate Glass Lens, Large Wall Pack	1,035.46	115.91
26 56 21 00-0139		**Semi Cutoff, Induction Wall Packs** *(26 56 21 00-0083)*		
26 56 21 00-0140		**Semi Cutoff, Induction Wall Packs (Everlast®)** *(26 56 21 00-0139)*		
		Note: UL wet listed. Includes bi-level ballast, die-cast aluminum housing assembly and bronze powder coat finish. Excludes sensors.		
26 56 21 00-0141	EA	70 Watt, Wall Mount, Semi Cutoff, Bi-Level Induction Wall Pack (Everlast® EOF-ED-70)	1,196.76	110.28
26 56 21 00-0142	EA	80 Watt, Wall Mount, Semi Cutoff, Bi-Level Induction Wall Pack (Everlast® EOF-ED-80)	1,220.61	116.76
26 56 21 00-0143	EA	100 Watt, Wall Mount, Semi Cutoff, Bi-Level Induction Wall Pack (Everlast® EOF-ED-100)	1,244.46	123.25
26 56 21 00-0144	EA	120 Watt, Wall Mount, Semi Cutoff, Bi-Level Induction Wall Pack (Everlast® EOF-ED-120)	1,387.96	129.74
26 56 21 00-0145		**Non-Cutoff, Polycarbonate Lens, Small Wall Packs** *(26 56 21 00-0083)*		
26 56 21 00-0146	EA	15 Watt, Exterior, Non-Cutoff Small Wall Pack (Sylvania 60066-SMWLPAK1N/015UNV740/NC/BZ/P)	369.33	57.95
26 56 21 00-0147		**Induction, Roadway Lighting** *(26 56 21)*		
26 56 21 00-0148		**Induction Roadway Lighting (US Lighting Tech)** *(26 56 21 00-0147)*		
		Note: Includes gray powder coat finish heavy duty die cast aluminum body and flat glass lens.		
26 56 21 00-0149	EA	40 Watt Induction, Horizontal Tenon Mount, Street Light (US Lighting Tech Jersey HR, 511)	640.96	194.61
26 56 21 00-0150	EA	70 Watt Induction, Horizontal Tenon Mount, Street Light (US Lighting Tech Jersey HR, 511)	703.30	201.10
26 56 21 00-0151	EA	100 Watt Induction, Horizontal Tenon Mount, Street Light (US Lighting Tech Jersey HR, 511)	729.24	214.07
26 56 21 00-0152	EA	150 Watt Induction, Horizontal Tenon Mount, Street Light (US Lighting Tech Jersey HR, 511)	755.19	227.04
26 56 21 00-0153	EA	200 Watt Induction, Horizontal Tenon Mount, Street Light (US Lighting Tech Jersey HR, 511)	881.69	233.53
26 56 21 00-0154	EA	250 Watt Induction, Horizontal Tenon Mount, Street Light (US Lighting Tech Jersey HR, 511)	898.61	240.02
26 56 21 00-0155	EA	40 Watt Induction, Horizontal Tenon Mount, Cobra Head Street Light (US Lighting Tech Cobra 100, 512)	599.50	194.61
26 56 21 00-0156	EA	70 Watt Induction, Horizontal Tenon Mount, Cobra Head Street Light (US Lighting Tech Cobra 100, 512)	667.76	201.10
26 56 21 00-0157	EA	100 Watt Induction, Horizontal Tenon Mount, Cobra Head Street Light (US Lighting Tech Cobra 100, 512)	693.70	214.07
26 56 21 00-0158	EA	150 Watt Induction, Horizontal Tenon Mount, Cobra Head Street Light (US Lighting Tech Cobra 100, 512)	719.65	227.04
26 56 21 00-0159		**Induction, Area Fixtures** *(26 56 21)*		
26 56 21 00-0160		**Post Top, Induction Area Fixtures** *(26 56 21 00-0159)*		
26 56 21 00-0161		**Post Top, Induction Area Fixtures (US Lighting Tech)** *(26 56 21 00-0160)*		
		Note: Includes black powder coat finish heavy duty die cast aluminum body and no-lite lid acrylic lens.		
26 56 21 00-0162	EA	40 Watt Induction, Post Top Mount, Acorn Style Area Fixture (US Lighting Tech Acorn, 571)	713.16	178.39
26 56 21 00-0163	EA	70 Watt Induction, Post Top Mount, Acorn Style Area Fixture (US Lighting Tech Acorn, 571)	770.42	178.39
26 56 21 00-0164	EA	100 Watt Induction, Post Top Mount, Acorn Style Area Fixture (US Lighting Tech Acorn, 571)	770.42	178.39
26 56 21 00-0165	EA	150 Watt Induction, Post Top Mount, Acorn Style Area Fixture (US Lighting Tech Acorn, 571)	770.42	178.39
26 56 21 00-0166		**Surface Mount, Induction Parking Structure Fixtures** *(26 56 21 00-0159)*		
26 56 21 00-0167		**Surface Mount, Induction Parking Structure Fixtures (Everlast®)** *(26 56 21 00-0166)*		
26 56 21 00-0168	EA	40 Watt Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC)	648.20	162.17
26 56 21 00-0169	EA	55 Watt Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC)	688.25	165.41
26 56 21 00-0170	EA	70 Watt Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC)	698.69	168.66
26 56 21 00-0171	EA	80 Watt Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC)	709.11	171.90
26 56 21 00-0172	EA	100 Watt Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC)	719.55	175.15
26 56 21 00-0173	EA	120 Watt Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC)	733.94	178.39
26 56 21 00-0174	EA	70/28 Watt Bi-Level Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC)	755.95	168.66
26 56 21 00-0175	EA	80/32 Watt Bi-Level Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC)	766.37	171.90
26 56 21 00-0176	EA	100/40 Watt Bi-Level Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC)	776.81	175.15
26 56 21 00-0177	EA	120/48 Watt Bi-Level Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC)	807.98	178.39
26 56 21 00-0178		**Pole Mount, Induction Area Fixtures** *(26 56 21 00-0159)*		
26 56 21 00-0179		**Pole Mount, Bi-Level Induction Area Fixtures (Everlast® ESB-ED)** *(26 56 21 00-0178)*		
		Note: UL wet listed. Includes bi-level ballast, die-cast aluminum housing assembly and bronze powder coat finish. Excludes sensors.		
26 56 21 00-0180	EA	70 Watt, Pole Mount, Bi-Level Induction Area Fixture (Everlast® ESB-ED-70)	1,251.14	110.28
26 56 21 00-0181	EA	80 Watt, Pole Mount, Bi-Level Induction Area Fixture (Everlast® ESB-ED-80)	1,285.87	116.76
26 56 21 00-0182	EA	100 Watt, Pole Mount, Bi-Level Induction Area Fixture (Everlast® ESB-ED-100)	1,320.60	123.25

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

27 Communications

Note: Termination costs are included with all communication equipment, panel boards, and devices. Terminations are not included with patch panels.

27 05 Common Work Results for Communications *(27)*

27 05 26 Grounding and Bonding for Communications Systems *(27 05)*

See CSI section 26 05 26 00-0000 for grounding.

27 05 26 00-0001	EA	25 Pair Outdoor, Enclosed Building Entrance Terminal (ADC 6649 1 720-00) Note: Excludes terminations.	1,034.56	118.66
27 05 26 00-0002	EA	50 Pair Outdoor, Enclosed Building Entrance Terminal (ADC 6649 1 820-00) Note: Excludes terminations.	1,319.92	158.25
27 05 26 00-0003	EA	100 Pair Outdoor, Enclosed Building Entrance Terminal (ADC 6649 1 630-00) Note: Excludes terminations.	2,093.87	237.31
27 05 26 00-0004	EA	Lucent 3B1-EW, Gas Tube Protector Unit	12.50	1.74
27 05 26 00-0005	EA	44 Terminal Copper Ground Bus Bar (Siemens ECGK)	78.79	31.35
27 05 26 00-0006	EA	2" x 1/4" x 12", G Pattern, Grounding Bus Bar	182.52	31.35
27 05 26 00-0007	EA	2" x 1/4" x 12", TGB Pattern, Grounding Bus Bar	197.00	31.35
27 05 26 00-0008	EA	4" x 1/4" x 12", TMGB Pattern, Grounding Bus Bar	377.76	31.35
27 05 26 00-0009	EA	#6 AWG, Cable Runway Ground Strap	75.30	5.80
27 05 26 00-0010	EA	1/4" Screw Size, #6 AWG Compression Lug	25.76	5.80
27 05 26 00-0011	EA	3/8" Screw Size, #6 AWG Compression Lug	27.51	5.80
27 05 26 00-0012	EA	Two Mounting Hole, Ground Terminal Block	30.74	5.80

27 05 29 Hangers and Supports for Communications Systems *(27 05)*

See CSI section 26 05 29 00-0000 for hangers and supports.

27 05 29 00-0001 Communications And Low Voltage Cable Hooks (J-Hooks) *(27 05 29)*

27 05 29 00-0002 Screw On Attachment, Communications And Low Voltage Cable Hooks (J-Hooks) *(27 05 29 00-0001)*
Note: Includes screw.

27 05 29 00-0003	EA	3/4" Hook Size, Pre-Galvanized Finish, Screw On, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH12)	9.32	2.90
		For >50 To 100, Deduct	*-0.38*	
		For >100 To 250, Deduct	*-0.76*	
		For >250 To 500, Deduct	*-1.42*	
		For >500, Deduct	*-2.09*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.55*	
		For Work In Restricted Working Space, Add	*1.74*	
		For Painted Powder Coated Finish, Add	*0.72*	
27 05 29 00-0004	EA	1-5/16" Hook Size, Pre-Galvanized Finish, Screw On, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH21)	9.87	2.90
		For >50 To 100, Deduct	*-0.39*	
		For >100 To 250, Deduct	*-0.78*	
		For >250 To 500, Deduct	*-1.47*	
		For >500, Deduct	*-2.15*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.55*	
		For Work In Restricted Working Space, Add	*1.74*	
		For Painted Powder Coated Finish, Add	*2.51*	
		For Low Friction Xylan® Coated Finish, Add	*8.94*	
27 05 29 00-0005	EA	2" Hook Size, Pre-Galvanized Finish, Screw On, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH32)	10.71	2.90
		For >50 To 100, Deduct	*-0.41*	
		For >100 To 250, Deduct	*-0.83*	
		For >250 To 500, Deduct	*-1.53*	
		For >500, Deduct	*-2.23*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.55*	
		For Work In Restricted Working Space, Add	*1.74*	
		For Painted Powder Coated Finish, Add	*3.08*	
		For Low Friction Xylan® Coated Finish, Add	*11.11*	
27 05 29 00-0006	EA	4" Hook Size, Pre-Galvanized Finish, Screw On, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH64)	18.02	2.90
		For >50 To 100, Deduct	*-0.60*	
		For >100 To 250, Deduct	*-1.19*	
		For >250 To 500, Deduct	*-2.08*	
		For >500, Deduct	*-2.96*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.55*	
		For Work In Restricted Working Space, Add	*1.74*	
		For Painted Powder Coated Finish, Add	*1.64*	
		For Low Friction Xylan® Coated Finish, Add	*9.84*	

27 05 29 00-0007 Screw On Angle Bracket Attachment, Communications And Low Voltage Cable Hooks (J-Hooks) *(27 05 29 00-0001)*
Note: Includes screw.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 05 29 00-0008	EA	3/4" Hook Size, Pre-Galvanized Finish, Screw On Angle Bracket Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH12-RB)	10.61	2.90
		For >50 To 100, Deduct	*-0.41*	
		For >100 To 250, Deduct	*-0.82*	
		For >250 To 500, Deduct	*-1.52*	
		For >500, Deduct	*-2.22*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.55*	
		For Work In Restricted Working Space, Add	*1.74*	
27 05 29 00-0009	EA	1-5/16" Hook Size, Pre-Galvanized Finish, Screw On Angle Bracket Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH21-RB)	13.89	2.90
		For >50 To 100, Deduct	*-0.49*	
		For >100 To 250, Deduct	*-0.98*	
		For >250 To 500, Deduct	*-1.77*	
		For >500, Deduct	*-2.55*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.55*	
		For Work In Restricted Working Space, Add	*1.74*	
27 05 29 00-0010	EA	2" Hook Size, Pre-Galvanized Finish, Screw On Angle Bracket Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH32-RB)	15.49	2.90
		For >50 To 100, Deduct	*-0.53*	
		For >100 To 250, Deduct	*-1.06*	
		For >250 To 500, Deduct	*-1.89*	
		For >500, Deduct	*-2.71*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.55*	
		For Work In Restricted Working Space, Add	*1.74*	
27 05 29 00-0011	EA	4" Hook Size, Pre-Galvanized Finish, Screw On Angle Bracket Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH64-RB)	21.23	2.90
		For >50 To 100, Deduct	*-0.68*	
		For >100 To 250, Deduct	*-1.35*	
		For >250 To 500, Deduct	*-2.32*	
		For >500, Deduct	*-3.28*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*1.55*	
		For Work In Restricted Working Space, Add	*1.74*	

27 05 29 00-0012 Strut Attachment, Communications And Low Voltage Cable Hooks (J-Hooks) *(27 05 29 00-0001)*

Note: Excludes strut.

27 05 29 00-0013	EA	3/4" Hook Size, Pre-Galvanized Finish, Strut Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH12-SC4)	11.22	2.90
		For >50 To 100, Deduct	*-0.43*	
		For >100 To 250, Deduct	*-0.85*	
		For >250 To 500, Deduct	*-1.57*	
		For >500, Deduct	*-2.28*	
		For Work In Restricted Working Space, Add	*1.74*	
27 05 29 00-0014	EA	1-5/16" Hook Size, Pre-Galvanized Finish, Strut Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH21-SC4)	13.41	2.90
		For >50 To 100, Deduct	*-0.48*	
		For >100 To 250, Deduct	*-0.96*	
		For >250 To 500, Deduct	*-1.73*	
		For >500, Deduct	*-2.50*	
		For Work In Restricted Working Space, Add	*1.74*	
27 05 29 00-0015	EA	2" Hook Size, Pre-Galvanized Finish, Strut Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH32-SC4)	14.55	2.90
		For >50 To 100, Deduct	*-0.51*	
		For >100 To 250, Deduct	*-1.02*	
		For >250 To 500, Deduct	*-1.82*	
		For >500, Deduct	*-2.62*	
		For Work In Restricted Working Space, Add	*1.74*	
27 05 29 00-0016	EA	4" Hook Size, Pre-Galvanized Finish, Strut Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH64-SC4)	19.96	2.90
		For >50 To 100, Deduct	*-0.64*	
		For >100 To 250, Deduct	*-1.29*	
		For >250 To 500, Deduct	*-2.22*	
		For >500, Deduct	*-3.16*	
		For Work In Restricted Working Space, Add	*1.74*	

27 05 29 00-0017 T-Bar Attachment, Communications And Low Voltage Cable Hooks (J-Hooks) *(27 05 29 00-0001)*

Note: Excludes T-Bar.

27 05 29 00-0018	EA	3/4" Hook Size, Pre-Galvanized Finish, T-Bar Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH12-A28)	13.62	2.90
		For >50 To 100, Deduct	*-0.49*	
		For >100 To 250, Deduct	*-0.97*	
		For >250 To 500, Deduct	*-1.75*	
		For >500, Deduct	*-2.52*	
		For Work In Restricted Working Space, Add	*1.74*	
27 05 29 00-0019	EA	1-5/16" Hook Size, Pre-Galvanized Finish, T-Bar Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH21-A28)	17.33	2.90
		For >50 To 100, Deduct	*-0.58*	
		For >100 To 250, Deduct	*-1.16*	
		For >250 To 500, Deduct	*-2.02*	
		For >500, Deduct	*-2.89*	
		For Work In Restricted Working Space, Add	*1.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 05 29 00-0020	EA	2" Hook Size, Pre-Galvanized Finish, T-Bar Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH32-A28)	18.30	2.90
		For >50 To 100, Deduct	*-0.60*	
		For >100 To 250, Deduct	*-1.21*	
		For >250 To 500, Deduct	*-2.10*	
		For >500, Deduct	*-2.99*	
		For Work In Restricted Working Space, Add	*1.74*	

27 05 29 00-0021 Plain Or Threaded Rod Clip-On Attachment, Communications And Low Voltage Cable Hooks (J-Hooks) *(27 05 29 00-0001)*

Note: Excludes threaded rod. See CSI section 26 05 29 00-0372 for threaded rod.

27 05 29 00-0022	EA	3/4" Hook Size, Pre-Galvanized Finish, Plain Or Threaded Rod Clip-On Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH12-W6)	10.92	2.90
		For >50 To 100, Deduct	*-0.42*	
		For >100 To 250, Deduct	*-0.84*	
		For >250 To 500, Deduct	*-1.54*	
		For >500, Deduct	*-2.25*	
		For Work In Restricted Working Space, Add	*1.74*	
27 05 29 00-0023	EA	1-5/16" Hook Size, Pre-Galvanized Finish, Plain Or Threaded Rod Clip-On Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH21-W6)	11.43	2.90
		For >50 To 100, Deduct	*-0.43*	
		For >100 To 250, Deduct	*-0.86*	
		For >250 To 500, Deduct	*-1.58*	
		For >500, Deduct	*-2.30*	
		For Work In Restricted Working Space, Add	*1.74*	
27 05 29 00-0024	EA	2" Hook Size, Pre-Galvanized Finish, Plain Or Threaded Rod Clip-On Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH32-W6)	14.00	2.90
		For >50 To 100, Deduct	*-0.50*	
		For >100 To 250, Deduct	*-0.99*	
		For >250 To 500, Deduct	*-1.78*	
		For >500, Deduct	*-2.56*	
		For Work In Restricted Working Space, Add	*1.74*	

27 05 29 00-0025 Threaded Rod Attachment, Communications And Low Voltage Cable Hooks (J-Hooks) *(27 05 29 00-0001)*

Note: Excludes threaded rod, nuts and washers. See CSI section 26 05 29 00-0372 for threaded rod, nuts and washers.

27 05 29 00-0026	EA	1-5/16" Hook Size, Pre-Galvanized Finish, Threaded Rod Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH21-AB)	13.70	2.90
		For >50 To 100, Deduct	*-0.49*	
		For >100 To 250, Deduct	*-0.98*	
		For >250 To 500, Deduct	*-1.75*	
		For >500, Deduct	*-2.53*	
		For Work In Restricted Working Space, Add	*1.74*	
27 05 29 00-0027	EA	2" Hook Size, Pre-Galvanized Finish, Threaded Rod Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH32-AB)	14.90	2.90
		For >50 To 100, Deduct	*-0.52*	
		For >100 To 250, Deduct	*-1.04*	
		For >250 To 500, Deduct	*-1.84*	
		For >500, Deduct	*-2.65*	
		For Work In Restricted Working Space, Add	*1.74*	
27 05 29 00-0028	EA	4" Hook Size, Pre-Galvanized Finish, Threaded Rod Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH64-AB)	20.89	2.90
		For >50 To 100, Deduct	*-0.67*	
		For >100 To 250, Deduct	*-1.33*	
		For >250 To 500, Deduct	*-2.29*	
		For >500, Deduct	*-3.25*	
		For Work In Restricted Working Space, Add	*1.74*	

27 05 29 00-0029 Beam Clamp Attachment, Communications And Low Voltage Cable Hooks (J-Hooks) *(27 05 29 00-0001)*

27 05 29 00-0030	EA	3/4" Hook Size, Pre-Galvanized Finish, Beam Clamp Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH12-C442A)	13.53	2.90
		For >50 To 100, Deduct	*-0.48*	
		For >100 To 250, Deduct	*-0.97*	
		For >250 To 500, Deduct	*-1.74*	
		For >500, Deduct	*-2.51*	
		For Work In Restricted Working Space, Add	*1.74*	
27 05 29 00-0031	EA	1-5/16" Hook Size, Pre-Galvanized Finish, Beam Clamp Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH21-C442A)	15.68	2.90
		For >50 To 100, Deduct	*-0.54*	
		For >100 To 250, Deduct	*-1.07*	
		For >250 To 500, Deduct	*-1.90*	
		For >500, Deduct	*-2.73*	
		For Work In Restricted Working Space, Add	*1.74*	
27 05 29 00-0032	EA	2" Hook Size, Pre-Galvanized Finish, Beam Clamp Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH32-C442A)	16.82	2.90
		For >50 To 100, Deduct	*-0.57*	
		For >100 To 250, Deduct	*-1.13*	
		For >250 To 500, Deduct	*-1.99*	
		For >500, Deduct	*-2.84*	
		For Work In Restricted Working Space, Add	*1.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 05 29 00-0033	EA	4" Hook Size, Pre-Galvanized Finish, Beam Clamp Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH64-C442A)	23.06	2.90
		For >50 To 100, Deduct	*-0.72*	
		For >100 To 250, Deduct	*-1.44*	
		For >250 To 500, Deduct	*-2.45*	
		For >500, Deduct	*-3.47*	
		For Work In Restricted Working Space, Add	*1.74*	
27 05 29 00-0034		Adjustable Cable Supports (Caddy® CableCat CAT425) *(27 05 29)*		
27 05 29 00-0035	EA	Wall Mount, 4" To 6" Diameter Loop, Adjustable Cable Support (Caddy® CableCat CAT425)	39.04	3.83
		For >50 To 100, Deduct	*-1.27*	
		For >100 To 250, Deduct	*-2.53*	
		For >250 To 500, Deduct	*-4.38*	
		For >500, Deduct	*-6.22*	
		For Installation On Concrete (Includes Drilling And Fastener), Add	*3.00*	
		For Work In Restricted Working Space, Add	*3.48*	
27 05 29 00-0036	EA	Threaded Rod Or Horizontal Surface Mount, 4" To 6" Diameter Loop, Adjustable Cable Support (Caddy® CableCat CAT425)	39.85	3.83
		For >50 To 100, Deduct	*-1.29*	
		For >100 To 250, Deduct	*-2.57*	
		For >250 To 500, Deduct	*-4.44*	
		For >500, Deduct	*-6.30*	
		For Work In Restricted Working Space, Add	*3.48*	
27 05 29 00-0037	EA	Up To 1/4" Flange, Hammer On Flange Clip, 4" To 6" Diameter Loop, Adjustable Cable Support (Caddy® CableCat CAT425)	44.03	3.83
		For >50 To 100, Deduct	*-1.39*	
		For >100 To 250, Deduct	*-2.78*	
		For >250 To 500, Deduct	*-4.75*	
		For >500, Deduct	*-6.72*	
		For Work In Restricted Working Space, Add	*3.48*	
27 05 29 00-0038	EA	>1/4" To 3/4" Flange, Hammer On Flange Clip, 4" To 6" Diameter Loop, Adjustable Cable Support (Caddy® CableCat CAT425)	38.91	3.83
		For >50 To 100, Deduct	*-1.26*	
		For >100 To 250, Deduct	*-2.53*	
		For >250 To 500, Deduct	*-4.37*	
		For >500, Deduct	*-6.21*	
		For Work In Restricted Working Space, Add	*3.48*	
27 05 29 00-0039	EA	Up To 1/2" Flange, Beam Clamp, 4" To 6" Diameter Loop, Adjustable Cable Support (Caddy® CableCat CAT425)	40.85	3.83
		For >50 To 100, Deduct	*-1.31*	
		For >100 To 250, Deduct	*-2.62*	
		For >250 To 500, Deduct	*-4.51*	
		For >500, Deduct	*-6.40*	
		For Work In Restricted Working Space, Add	*3.48*	
27 05 29 00-0040	EA	>1/2" To 5/8" Flange, Beam Clamp, 4" To 6" Diameter Loop, Adjustable Cable Support (Caddy® CableCat CAT425)	42.76	3.83
		For >50 To 100, Deduct	*-1.36*	
		For >100 To 250, Deduct	*-2.72*	
		For >250 To 500, Deduct	*-4.66*	
		For >500, Deduct	*-6.59*	
		For Work In Restricted Working Space, Add	*3.48*	
27 05 29 00-0041	EA	Up To 1/4" Flange, Hammer On Purlin Clip, 4" To 6" Diameter Loop, Adjustable Cable Support (Caddy® CableCat CAT425)	40.20	3.83
		For >50 To 100, Deduct	*-1.29*	
		For >100 To 250, Deduct	*-2.59*	
		For >250 To 500, Deduct	*-4.46*	
		For >500, Deduct	*-6.34*	
		For Work In Restricted Working Space, Add	*3.48*	

27 05 33 Conduits and Backboxes for Communications Systems *(27 05)*

See CSI section 26 05 33 00-0000 for conduit and boxes.

27 05 36 Cable Trays for Communications Systems *(27 05)*

See CSI section 26 05 36 00-0000 for cable trays.

27 05 39 Surface Raceways for Communications Systems *(27 05)*

See CSI section 26 05 33 00-0000 for surface raceways.

27 05 43 Underground Ducts and Raceways for Communications Systems *(27 05)*

See CSI section 26 05 43 00-0000 for underground ducts and raceways.

27 05 46 Utility Poles for Communications Systems *(27 05)*

See CSI section 26 05 46 00-0000 for utility poles.

27 05 53 Identification for Communications Systems *(27 05)*

See CSI section 26 05 53 00-0000 for identification.

27 10 Structured Cabling *(27)*

Note: Includes identifying, tagging and testing.

27 11 Communications Equipment Room Fittings *(27 10)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

27 11 16 Communications Cabinets, Racks, Frames, and Enclosures *(27 11)*

27 11 16 00-0001 3/4" Fire Retardant Plywood Backboards *(27 11 16)*

27 11 16 00-0002	EA	4' x 4' x 3/4" Fire Retardant Plywood Backboard	95.86	30.14
		For Two Coats Of Non-Conductive, Fire Retardant Paint, Add	*62.09*	
27 11 16 00-0003	EA	4' x 8' x 3/4" Fire Retardant Plywood Backboard	191.70	60.27
		For Two Coats Of Non-Conductive, Fire Retardant Paint, Add	*124.17*	

27 11 16 00-0004 Terminal Cabinets *(27 11 16)*

27 11 16 00-0005	EA	12" x 12" x 4" Phone Terminal Cabinet With Wood Backboard	377.60	86.93
27 11 16 00-0006	EA	18" x 12" x 4" Phone Terminal Cabinet With Wood Backboard	482.31	95.62
27 11 16 00-0007	EA	24" x 12" x 4" Phone Terminal Cabinet With Wood Backboard	554.95	110.10
27 11 16 00-0008	EA	18" x 18" x 4" Phone Terminal Cabinet With Wood Backboard	576.28	113.00
27 11 16 00-0009	EA	24" x 18" x 4" Phone Terminal Cabinet With Wood Backboard	713.10	115.91
27 11 16 00-0010	EA	26" x 36" x 4" Phone Terminal Cabinet With Wood Backboard	887.74	130.39
27 11 16 00-0011	EA	24" x 24" x 6" Phone Terminal Cabinet With Wood Backboard	911.03	127.49
27 11 16 00-0012	EA	30" x 24" x 6" Phone Terminal Cabinet With Wood Backboard	1,164.15	181.62
27 11 16 00-0013	EA	36" x 24" x 6" Phone Terminal Cabinet With Wood Backboard	1,243.36	199.58
27 11 16 00-0014	EA	42" x 24" x 6" Phone Terminal Cabinet With Wood Backboard	1,513.37	210.83
27 11 16 00-0015	EA	30" x 30" x 6" Phone Terminal Cabinet With Wood Backboard	1,250.06	173.85
27 11 16 00-0016	EA	36" x 30" x 6" Phone Terminal Cabinet With Wood Backboard	1,351.80	188.35
27 11 16 00-0017	EA	48" x 30" x 6" Phone Terminal Cabinet With Wood Backboard	1,682.84	241.43
27 11 16 00-0018	EA	54" x 30" x 6" Phone Terminal Cabinet With Wood Backboard	2,016.29	301.82
27 11 16 00-0019	EA	48" x 36" x 6" Phone Terminal Cabinet With Wood Backboard	2,302.74	298.45
27 11 16 00-0020	EA	60" x 36" x 6" Phone Terminal Cabinet With Wood Backboard	2,637.40	363.13

27 11 16 00-0021 Equipment Racks And Cable Managers *(27 11 16)*

27 11 16 00-0022 Equipment Racks *(27 11 16 00-0021)*

Note: Electronics Industries Association EIA-310-D compliant. Includes aluminum construction with clear grained aluminum or black epoxy-polyester hybrid powder coat finish.

27 11 16 00-0023 Standard Equipment Racks *(27 11 16 00-0022)*

27 11 16 00-0024 19" Width, Standard Equipment Racks *(27 11 16 00-0023)*

27 11 16 00-0025	EA	84" Height, 19" Width, 3" Depth, 45U, Standard Equipment Rack (Chatsworth 55053-X03)	573.27	185.45
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*10.12*	
27 11 16 00-0026	EA	96" Height, 19" Width, 3" Depth, 51U, Standard Equipment Rack (Chatsworth 55053-X15)	793.43	197.04
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*19.97*	
27 11 16 00-0027	EA	108" Height, 19" Width, 3" Depth, 58U, Standard Equipment Rack (Chatsworth 55053-X08)	856.94	208.62
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*21.98*	

27 11 16 00-0028 Universal Equipment Racks *(27 11 16 00-0022)*

27 11 16 00-0029 Universal Equipment Racks *(27 11 16 00-0028)*

27 11 16 00-0030 19" Width, EIA Universal Equipment Racks *(27 11 16 00-0029)*

27 11 16 00-0031	EA	36" Height, 19" Width, 3" Depth, 17U, EIA Universal Equipment Rack (Chatsworth 46353-X31)	743.03	162.27
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*20.93*	
27 11 16 00-0032	EA	48" Height, 19" Width, 3" Depth, 24U, EIA Universal Equipment Rack (Chatsworth 46353-X20)	811.52	165.16
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*24.06*	
27 11 16 00-0033	EA	60" Height, 19" Width, 3" Depth, 31U, EIA Universal Equipment Rack (Chatsworth 46353-X19)	810.58	168.06
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*23.72*	
27 11 16 00-0034	EA	66" Height, 19" Width, 3" Depth, 34U, EIA Universal Equipment Rack (Chatsworth 46353-X00)	831.34	170.96
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*24.47*	
27 11 16 00-0035	EA	72" Height, 19" Width, 3" Depth, 38U, EIA Universal Equipment Rack (Chatsworth 46353-X01)	851.89	173.85
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*25.21*	
27 11 16 00-0036	EA	78" Height, 19" Width, 3" Depth, 41U, EIA Universal Equipment Rack (Chatsworth 46353-X02)	874.13	176.75
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*26.03*	
27 11 16 00-0037	EA	84" Height, 19" Width, 3" Depth, 45U, EIA Universal Equipment Rack (Chatsworth 46353-X03)	745.79	179.66
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*19.32*	
27 11 16 00-0038	EA	90" Height, 19" Width, 3" Depth, 48U, EIA Universal Equipment Rack (Chatsworth 46353-X05)	917.34	182.55
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*27.61*	
27 11 16 00-0039	EA	96" Height, 19" Width, 3" Depth, 51U, EIA Universal Equipment Rack (Chatsworth 46353-X15)	949.69	185.45
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*28.94*	
27 11 16 00-0040	EA	102" Height, 19" Width, 3" Depth, 55U, EIA Universal Equipment Rack (Chatsworth 46353-X17)	977.95	188.35
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*30.06*	
27 11 16 00-0041	EA	108" Height, 19" Width, 3" Depth, 58U, EIA Universal Equipment Rack (Chatsworth 46353-X08)	984.88	191.24
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*30.12*	

27 11 16 00-0042 23" Width, Universal Equipment Racks *(27 11 16 00-0029)*

27 11 16 00-0043	EA	36" Height, 23" Width, 3" Depth, 17U, Universal Equipment Rack (Chatsworth 46383-X31)	785.97	162.27
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*23.07*	
27 11 16 00-0044	EA	48" Height, 23" Width, 3" Depth, 24U, Universal Equipment Rack (Chatsworth 46383-X20)	813.12	165.16
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*24.14*	
27 11 16 00-0045	EA	60" Height, 23" Width, 3" Depth, 31U, Universal Equipment Rack (Chatsworth 46383-X19)	837.02	168.06
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*25.05*	
27 11 16 00-0046	EA	66" Height, 23" Width, 3" Depth, 34U, Universal Equipment Rack (Chatsworth 46383-X00)	881.64	170.96
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*26.99*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 11 16 00-0047	EA	72" Height, 23" Width, 3" Depth, 38U, Universal Equipment Rack (Chatsworth 46383-X01)	903.67	173.85
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*27.80*	
27 11 16 00-0048	EA	78" Height, 23" Width, 3" Depth, 41U, Universal Equipment Rack (Chatsworth 46383-X02)	927.63	176.75
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*28.71*	
27 11 16 00-0049	EA	84" Height, 23" Width, 3" Depth, 45U, Universal Equipment Rack (Chatsworth 46383-X03)	799.90	179.66
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*22.03*	
27 11 16 00-0050	EA	90" Height, 23" Width, 3" Depth, 48U, Universal Equipment Rack (Chatsworth 46383-X05)	974.11	182.55
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*30.45*	
27 11 16 00-0051	EA	96" Height, 23" Width, 3" Depth, 51U, Universal Equipment Rack (Chatsworth 46383-X15)	1,009.15	185.45
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*31.91*	
27 11 16 00-0052	EA	102" Height, 23" Width, 3" Depth, 55U, Universal Equipment Rack (Chatsworth 46383-X17)	1,039.76	188.35
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*33.15*	
27 11 16 00-0053	EA	108" Height, 23" Width, 3" Depth, 58U, Universal Equipment Rack (Chatsworth 46383-X08)	1,046.78	191.24
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*33.22*	
27 11 16 00-0054		**35" Width, Universal Equipment Racks** *(27 11 16 00-0029)*		
27 11 16 00-0055	EA	72" Height, 35" Width, 3" Depth, 38U, Universal Equipment Rack (Chatsworth 46363-X01)	976.47	173.85
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*31.44*	
27 11 16 00-0056	EA	84" Height, 35" Width, 3" Depth, 45U, Universal Equipment Rack (Chatsworth 46363-X03)	1,028.18	179.66
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*33.44*	
27 11 16 00-0057		**UL Listed Universal Equipment Racks** *(27 11 16 00-0028)*		
		Note: UL listed as a communications circuit accessory.		
27 11 16 00-0058		**19" Width, UL Listed Universal Equipment Racks** *(27 11 16 00-0057)*		
27 11 16 00-0059	EA	36" Height, 19" Width, 3" Depth, 17U, UL Listed Universal Equipment Rack (Chatsworth 48353-X31)	784.89	162.27
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*23.02*	
27 11 16 00-0060	EA	48" Height, 19" Width, 3" Depth, 24U, UL Listed Universal Equipment Rack (Chatsworth 48353-X20)	848.15	165.16
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*25.89*	
27 11 16 00-0061	EA	60" Height, 19" Width, 3" Depth, 31U, UL Listed Universal Equipment Rack (Chatsworth 48353-X19)	861.16	168.06
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*26.25*	
27 11 16 00-0062	EA	66" Height, 19" Width, 3" Depth, 34U, UL Listed Universal Equipment Rack (Chatsworth 48353-X00)	880.32	170.96
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*26.92*	
27 11 16 00-0063	EA	72" Height, 19" Width, 3" Depth, 38U, UL Listed Universal Equipment Rack (Chatsworth 48353-X01)	902.30	173.85
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*27.73*	
27 11 16 00-0064	EA	78" Height, 19" Width, 3" Depth, 41U, UL Listed Universal Equipment Rack (Chatsworth 48353-X02)	926.19	176.75
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*28.63*	
27 11 16 00-0065	EA	84" Height, 19" Width, 3" Depth, 45U, UL Listed Universal Equipment Rack (Chatsworth 48353-X03)	949.13	179.66
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*29.49*	
27 11 16 00-0066	EA	90" Height, 19" Width, 3" Depth, 48U, UL Listed Universal Equipment Rack (Chatsworth 48353-X05)	972.59	182.55
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*30.38*	
27 11 16 00-0067	EA	96" Height, 19" Width, 3" Depth, 51U, UL Listed Universal Equipment Rack (Chatsworth 48353-X15)	1,007.59	185.45
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*31.84*	
27 11 16 00-0068	EA	102" Height, 19" Width, 3" Depth, 55U, UL Listed Universal Equipment Rack (Chatsworth 48353-X17)	1,038.12	188.35
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*33.07*	
27 11 16 00-0069	EA	108" Height, 19" Width, 3" Depth, 58U, UL Listed Universal Equipment Rack (Chatsworth 48353-X08)	1,045.07	191.24
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*33.13*	
27 11 16 00-0070		**23" Width, UL Listed Universal Equipment Racks** *(27 11 16 00-0057)*		
27 11 16 00-0071	EA	36" Height, 23" Width, 3" Depth, 17U, UL Listed Universal Equipment Rack (Chatsworth 48383-X31)	832.17	162.27
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*25.38*	
27 11 16 00-0072	EA	48" Height, 23" Width, 3" Depth, 24U, UL Listed Universal Equipment Rack (Chatsworth 48383-X20)	912.27	165.16
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*29.10*	
27 11 16 00-0073	EA	60" Height, 23" Width, 3" Depth, 31U, UL Listed Universal Equipment Rack (Chatsworth 48383-X19)	923.92	168.06
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*29.39*	
27 11 16 00-0074	EA	66" Height, 23" Width, 3" Depth, 34U, UL Listed Universal Equipment Rack (Chatsworth 48383-X00)	935.60	170.96
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*29.68*	
27 11 16 00-0075	EA	72" Height, 23" Width, 3" Depth, 38U, UL Listed Universal Equipment Rack (Chatsworth 48383-X01)	959.26	173.85
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*30.58*	
27 11 16 00-0076	EA	78" Height, 23" Width, 3" Depth, 41U, UL Listed Universal Equipment Rack (Chatsworth 48383-X02)	985.04	176.75
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*31.58*	
27 11 16 00-0077	EA	84" Height, 23" Width, 3" Depth, 45U, UL Listed Universal Equipment Rack (Chatsworth 48383-X03)	1,009.72	179.66
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*32.52*	
27 11 16 00-0078	EA	90" Height, 23" Width, 3" Depth, 48U, UL Listed Universal Equipment Rack (Chatsworth 48383-X05)	1,034.99	182.55
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*33.50*	
27 11 16 00-0079	EA	96" Height, 23" Width, 3" Depth, 51U, UL Listed Universal Equipment Rack (Chatsworth 48383-X15)	1,072.96	185.45
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*35.10*	
27 11 16 00-0080	EA	102" Height, 23" Width, 3" Depth, 55U, UL Listed Universal Equipment Rack (Chatsworth 48383-X17)	1,106.07	188.35
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*36.47*	
27 11 16 00-0081	EA	108" Height, 23" Width, 3" Depth, 58U, UL Listed Universal Equipment Rack (Chatsworth 48383-X08)	1,113.31	191.24
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*36.54*	
27 11 16 00-0082		**4-Post Equipment Racks And Server Frames** *(27 11 16 00-0022)*		
27 11 16 00-0083		**4-Post Equipment Racks** *(27 11 16 00-0082)*		
27 11 16 00-0084	EA	19" Width, 29" Depth, 84" Height, 4-Post Equipment Rack (Chatsworth 50120-X03)	1,585.26	289.76
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*50.29*	
27 11 16 00-0085	EA	19" Width, 29" Depth, 96" Height, 4-Post Equipment Rack (Chatsworth 50120-X15)	1,730.50	301.35
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*56.39*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 11 16 00-0086	EA	19" Width, 29" Depth, 108" Height, 4-Post Equipment Rack (Chatsworth 50120-X08)	1,867.51	312.94
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*62.08*	
27 11 16 00-0087		**4-Post Server Frame** *(27 11 16 00-0082)*		
27 11 16 00-0088	EA	19" Width, 29" Depth, 84" Height, Server Frame (Chatsworth 15053-X03)	1,629.49	289.76
		For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add	*52.50*	
27 11 16 00-0089		**Cable Managers** *(27 11 16 00-0021)*		
27 11 16 00-0090		**Horizontal Cable Managers** *(27 11 16 00-0089)*		
27 11 16 00-0091		**Single-Sided, Horizontal Cable Managers** *(27 11 16 00-0090)*		
27 11 16 00-0092	EA	1U Height, 19" Width, 4.96" Depth, Single-Sided, Horizontal Cable Manager (Chatsworth 30139-719)	91.63	11.59
27 11 16 00-0093	EA	1U Height, 23" Width, 4.96" Depth, Single-Sided, Horizontal Cable Manager (Chatsworth 30139-723)	102.01	11.59
27 11 16 00-0094	EA	1U Height, 19" Width, 5.9" Depth, Single-Sided, Horizontal Cable Manager (Chatsworth 13930-701)	76.53	11.59
27 11 16 00-0095	EA	2U Height, 19" Width, 5.14" Depth, Single-Sided, Horizontal Cable Manager (Chatsworth 30130-719)	93.19	11.59
27 11 16 00-0096	EA	2U Height, 23" Width, 5.14" Depth, Single-Sided, Horizontal Cable Manager (Chatsworth 30130-723)	109.26	11.59
27 11 16 00-0097	EA	2U Height, 19" Width, 5.9" Depth, Single-Sided, Horizontal Cable Manager (Chatsworth 13930-702)	84.74	11.59
27 11 16 00-0098	EA	3U Height, 19" Width, 5.14" Depth, Single-Sided, Horizontal Cable Manager (Chatsworth 30131-719)	125.57	11.59
27 11 16 00-0099	EA	3U Height, 23" Width, 5.14" Depth, Single-Sided, Horizontal Cable Manager (Chatsworth 30131-723)	142.91	11.59
27 11 16 00-0100	EA	3U Height, 19" Width, 5.9" Depth, Single-Sided, Horizontal Cable Manager (Chatsworth 13930-703)	101.15	11.59
27 11 16 00-0101		**Double-Sided, Horizontal Cable Managers** *(27 11 16 00-0090)*		
27 11 16 00-0102	EA	1U Height, 19" Width, 11.73" Depth, Double-Sided, Horizontal Cable Manager (Chatsworth 30529-719)	113.75	11.59
27 11 16 00-0103	EA	1U Height, 23" Width, 11.73" Depth, Double-Sided, Horizontal Cable Manager (Chatsworth 30529-723)	127.44	11.59
27 11 16 00-0104	EA	2U Height, 19" Width, 11.73" Depth, Double-Sided, Horizontal Cable Manager (Chatsworth 30530-719)	119.68	11.59
27 11 16 00-0105	EA	2U Height, 23" Width, 11.73" Depth, Double-Sided, Horizontal Cable Manager (Chatsworth 30530-723)	139.28	11.59
27 11 16 00-0106	EA	3U Height, 19" Width, 11.73" Depth, Double-Sided, Horizontal Cable Manager (Chatsworth 30531-719)	154.81	11.59
27 11 16 00-0107	EA	3U Height, 23" Width, 11.73" Depth, Double-Sided, Horizontal Cable Manager (Chatsworth 30531-723)	173.34	11.59
27 11 16 00-0108		**Vertical Cable Managers** *(27 11 16 00-0089)*		
27 11 16 00-0109		**Single-Sided, Vertical Cable Managers** *(27 11 16 00-0108)*		
27 11 16 00-0110	EA	3.6" Width, 9.7" Depth, 70" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13901-701)	205.08	17.39
27 11 16 00-0111	EA	6" Width, 9.8" Depth, 70" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13902-701)	289.20	17.39
27 11 16 00-0112	EA	10" Width, 10.3" Depth, 70" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13904-701)	465.67	17.39
27 11 16 00-0113	EA	12" Width, 10.4" Depth, 70" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13905-701)	527.22	17.39
27 11 16 00-0114	EA	3.6" Width, 9.7" Depth, 80.5" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13901-703)	219.44	17.39
27 11 16 00-0115	EA	6" Width, 9.8" Depth, 80.5" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13902-703)	311.77	17.39
27 11 16 00-0116	EA	10" Width, 10.3" Depth, 80.5" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13904-703)	506.70	17.39
27 11 16 00-0117	EA	12" Width, 10.4" Depth, 80.5" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13905-703)	568.26	17.39
27 11 16 00-0118	EA	3.6" Width, 9.7" Depth, 91" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13901-715)	248.17	17.39
27 11 16 00-0119	EA	6" Width, 9.8" Depth, 91" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13902-715)	342.55	17.39
27 11 16 00-0120	EA	10" Width, 10.3" Depth, 91" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13904-715)	568.26	17.39
27 11 16 00-0121	EA	12" Width, 10.4" Depth, 91" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13905-715)	629.82	17.39
27 11 16 00-0122		**Double-Sided, Vertical Cable Managers** *(27 11 16 00-0108)*		
27 11 16 00-0123	EA	3.6" Width, 16.4" Depth, 70" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13911-701)	297.41	17.39
27 11 16 00-0124	EA	6" Width, 16.6" Depth, 70" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13912-701)	350.76	17.39
27 11 16 00-0125	EA	10" Width, 17.5" Depth, 70" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13914-701)	568.26	17.39
27 11 16 00-0126	EA	12" Width, 17.8" Depth, 70" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13915-701)	670.85	17.39
27 11 16 00-0127	EA	3.6" Width, 16.4" Depth, 80.5" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13911-703)	322.03	17.39
27 11 16 00-0128	EA	6" Width, 16.6" Depth, 80.5" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13912-703)	375.38	17.39
27 11 16 00-0129	EA	10" Width, 17.5" Depth, 80.5" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13914-703)	609.30	17.39
27 11 16 00-0130	EA	12" Width, 17.8" Depth, 80.5" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13915-703)	711.89	17.39
27 11 16 00-0131	EA	3.6" Width, 16.4" Depth, 91" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13911-715)	354.86	17.39
27 11 16 00-0132	EA	6" Width, 16.6" Depth, 91" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13912-715)	408.21	17.39
27 11 16 00-0133	EA	10" Width, 17.5" Depth, 91" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13914-715)	670.85	17.39
27 11 16 00-0134	EA	12" Width, 17.8" Depth, 91" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13915-715)	773.45	17.39
27 11 16 00-0135		**Accessories For Vertical Cable Managers** *(27 11 16 00-0108)*		
27 11 16 00-0136	EA	Cable Ring Kit For 3.6" Width x 70" Height, Vertical Cable Managers (Chatsworth 13934-716)	125.77	11.59
27 11 16 00-0137	EA	Cable Ring Kit For 3.6" Width x 80.5" Height, Vertical Cable Managers (Chatsworth 13934-717)	133.98	11.59
27 11 16 00-0138	EA	Cable Ring Kit For 3.6" Width x 91" Height, Vertical Cable Managers (Chatsworth 13934-718)	142.19	11.59
27 11 16 00-0139	EA	Cable Ring Kit For 6" Width x 70" Height, Vertical Cable Managers (Chatsworth 13934-726)	129.88	11.59
27 11 16 00-0140	EA	Cable Ring Kit For 6" Width x 80.5" Height, Vertical Cable Managers (Chatsworth 13934-727)	142.19	11.59
27 11 16 00-0141	EA	Cable Ring Kit For 6" Width x 91" Height, Vertical Cable Managers (Chatsworth 13934-728)	154.50	11.59
27 11 16 00-0142	EA	Cable Ring Kit For 10" Width x 70" Height, Vertical Cable Managers (Chatsworth 13934-746)	146.29	11.59
27 11 16 00-0143	EA	Cable Ring Kit For 10" Width x 80.5" Height, Vertical Cable Managers (Chatsworth 13934-747)	158.60	11.59
27 11 16 00-0144	EA	Cable Ring Kit For 10" Width x 91" Height, Vertical Cable Managers (Chatsworth 13934-748)	170.92	11.59
27 11 16 00-0145	EA	Cable Ring Kit For 12" Width x 70" Height, Vertical Cable Managers (Chatsworth 13934-756)	154.50	11.59
27 11 16 00-0146	EA	Cable Ring Kit For 12" Width x 80.5" Height, Vertical Cable Managers (Chatsworth 13934-757)	170.92	11.59
27 11 16 00-0147	EA	Cable Ring Kit For 12" Width x 91" Height, Vertical Cable Managers (Chatsworth 13934-758)	183.23	11.59
27 11 16 00-0148	EA	Cable Lashing Bar Kit For Vertical Cable Managers (Chatsworth 13928-001)	105.26	11.59
27 11 16 00-0149	EA	Cable Spool Kit For Vertical Cable Managers (Chatsworth 13935-701)	121.67	11.59

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 11 16 00-0150	EA	Cable Distribution Spools For Vertical Cable Managers (Chatsworth 15008-001)	127.21	11.59
27 11 16 00-0151	EA	Cable Distribution Spool Spacer Kit For Vertical Cable Managers (Chatsworth 35505-001)	80.63	11.59

27 11 19 Communications Termination Blocks and Patch Panels *(27 11)*

Note: The terminating, testing, and labeling of the cables in question should be done according to the task description as well as the current contract specifications. See CSI section 26 05 53 00-0020 for labeling.

27 11 19 00-0001 Computer Network Components *(27 11 19)*

27 11 19 00-0002 Ethernet Patch Panels *(27 11 19 00-0001)*

27 11 19 00-0003	EA	12 Port, Category 5E Patch Panel	297.11	57.95
27 11 19 00-0004	EA	24 Port, Category 5E Patch Panel	451.71	57.95
27 11 19 00-0005	EA	32 Port, Category 5E Patch Panel	598.00	57.95
27 11 19 00-0006	EA	48 Port, Category 5E Patch Panel	734.31	57.95
27 11 19 00-0007	EA	64 Port, Category 5E Patch Panel	818.65	72.44
27 11 19 00-0008	EA	96 Port, Category 5E Patch Panel	1,364.11	86.93
27 11 19 00-0009	EA	12 Port, Category 6 Patch Panel	371.42	57.95
27 11 19 00-0010	EA	24 Port, Category 6 Patch Panel	461.68	57.95
27 11 19 00-0011	EA	48 Port, Category 6 Patch Panel	807.46	57.95
27 11 19 00-0012	EA	96 Port, Category 6 Patch Panel	1,503.75	86.93
27 11 19 00-0013	EA	16" x 12" x 8" Steel Enclosure, Type 12, Hinged, Lockable (Hoffman A161208LP)	765.78	86.93
27 11 19 00-0014	EA	16" x 16" x 6" Steel Enclosure, Type 12, Hinged, Lockable (Hoffman A161606LP)	804.00	86.93
27 11 19 00-0015	EA	12 Port, Category 6 Modular to 110 Mini Patch Panel (Ortronics-Legrand OR-PMP61289)	311.65	57.95
27 11 19 00-0016	EA	Terminate One End Of A 4 Pair Cable To Category "X" Specifications	41.06	
		For >5 To 10 Cables, Deduct	*-7.39*	
		For >10 Cables, Deduct	*-16.42*	
27 11 19 00-0017	EA	Terminate One End Of A Twisted Pair Of Wires Note: Per each pair	11.29	
		For >20 To 40 Pairs, Deduct	*-1.81*	
		For >40 Pairs, Deduct	*-4.29*	

27 11 19 00-0018 Fiber Optic Cable Patch Panels And Enclosures *(27 11 19 00-0001)*

27 11 19 00-0019 Fiber Optic Cable Connector Housings *(27 11 19 00-0018)*

27 11 19 00-0020 Wall Mount, Fiber Optic Cable Connector Housings *(27 11 19 00-0019)*

Note: Includes mounting hardware. Excludes connector panels. See CSI section 27 11 19 00-0048 for connector panels.

27 11 19 00-0021	EA	1-Panel Capacity, Wall Mount, Fiber Optic Cable Connector Housing	163.17	26.08
27 11 19 00-0022	EA	2-Panel Capacity, Wall Mount, Fiber Optic Cable Connector Housing	249.57	26.08
27 11 19 00-0023	EA	4-Panel Capacity, Wall Mount, Fiber Optic Cable Connector Housing	377.39	26.08
27 11 19 00-0024	EA	6-Panel Capacity, Wall Mount, Fiber Optic Cable Connector Housing	554.51	43.46
27 11 19 00-0025	EA	12-Panel Capacity, Wall Mount, Fiber Optic Cable Connector Housing	782.09	43.46

27 11 19 00-0026 Rack Mount, Fiber Optic Cable Connector Housings *(27 11 19 00-0019)*

Note: Includes mounting hardware. Excludes connector panels. See CSI section 27 11 19 00-0048 for connector panels.

27 11 19 00-0027	EA	2-Panel Capacity, Rack Mount, Fiber Optic Cable Connector Housing	577.85	43.46
27 11 19 00-0028	EA	4-Panel Capacity, Rack Mount, Fiber Optic Cable Connector Housing	664.61	43.46
27 11 19 00-0029	EA	6-Panel Capacity, Rack Mount, Fiber Optic Cable Connector Housing	717.68	43.46
27 11 19 00-0030	EA	12-Panel Capacity, Rack Mount, Fiber Optic Cable Connector Housing	845.92	43.46

27 11 19 00-0031 Rack Mount, Fiber Optic Cable Pretium® Connector Housings *(27 11 19 00-0019)*

Note: Includes mounting hardware. Excludes connector panels. See CSI section 27 11 19 00-0048 for connector panels.

27 11 19 00-0032	EA	2-Panel Capacity, Rack Mount, Fiber Optic Cable Pretium® Connector Housing	726.55	43.46
		For Splice Tray Bracket, Add	*80.33*	
27 11 19 00-0033	EA	4-Panel Capacity, Rack Mount, Fiber Optic Cable Pretium® Connector Housing	855.62	43.46
		For Splice Tray Bracket, Add	*87.84*	
27 11 19 00-0034	EA	12-Panel Capacity, Rack Mount, Fiber Optic Cable Pretium® Connector Housing	1,073.14	43.46
		For Splice Tray Bracket, Add	*320.02*	

27 11 19 00-0035 Rack Mount, Fiber Optic Cable Pretium Edge® Connector Housings *(27 11 19 00-0019)*

Note: Includes mounting hardware. Excludes connector panels. See CSI section 27 11 19 00-0048 for connector panels.

27 11 19 00-0036	EA	8 Pretium Edge® Module Or Panel Capacity, Rack Mount, Fiber Optic Cable Pretium Edge® Connector Housing	929.60	43.46
27 11 19 00-0037	EA	12 Pretium Edge® Module Or Panel Capacity, Rack Mount, Fiber Optic Cable Pretium Edge® Connector Housing	1,195.91	43.46
27 11 19 00-0038	EA	24 Pretium Edge® Module Or Panel Capacity, Rack Mount, Fiber Optic Cable Pretium Edge® Connector Housing	1,357.34	43.46
27 11 19 00-0039	EA	48 Pretium Edge® Module Or Panel Capacity, Rack Mount, Fiber Optic Cable Pretium Edge® Connector Housing	1,769.06	43.46

27 11 19 00-0040 Wall Mount, Fiber Optic Cable Industrial Connector Housings *(27 11 19 00-0019)*

Note: Includes powder-coat finish, pad lockable outer door and mounting hardware. Excludes connector panels. See CSI section 27 11 19 00-0048 for connector panels.

27 11 19 00-0041	EA	2-Panel Capacity, Wall Mount, Fiber Optic Cable Industrial Connector Housing	837.15	26.08
27 11 19 00-0042	EA	6-Panel Capacity, Wall Mount, Fiber Optic Cable Industrial Connector Housing	1,153.56	43.46
27 11 19 00-0043	EA	12-Panel Capacity, Wall Mount, Fiber Optic Cable Industrial Connector Housing	1,211.83	43.46

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 11 19 00-0044		**Wall Mount, Fiber Optic Cable Environmental Connector Housings** *(27 11 19 00-0019)* Note: Includes NEMA 4X enclosure, pad lockable outer door and mounting hardware. Excludes connector panels. See CSI section 27 11 19 00-0048 for connector panels.		
27 11 19 00-0045	EA	2-Panel Capacity, Wall Mount, Fiber Optic Cable Environmental Connector Housing	877.42	26.08
27 11 19 00-0046	EA	6-Panel Capacity, Wall Mount, Fiber Optic Cable Environmental Connector Housing	1,152.85	43.46
27 11 19 00-0047	EA	12-Panel Capacity, Wall Mount, Fiber Optic Cable Environmental Connector Housing	1,359.01	43.46
27 11 19 00-0048		**Fiber Optic Cable Connector Panels** *(27 11 19 00-0018)*		
27 11 19 00-0049		**SC Simplex, Fiber Optic Cable Connector Panels** *(27 11 19 00-0048)*		
27 11 19 00-0050	EA	6-Fiber, Multimode, SC Simplex, Fiber Optic Cable Connector Panel	113.89	5.79
27 11 19 00-0051	EA	6-Fiber, Singlemode, SC Simplex, Fiber Optic Cable Connector Panel	123.90	5.79
27 11 19 00-0052	EA	8-Fiber, Multimode, SC Simplex, Fiber Optic Cable Connector Panel	139.42	5.79
27 11 19 00-0053	EA	8-Fiber, Singlemode, SC Simplex, Fiber Optic Cable Connector Panel	152.75	5.79
27 11 19 00-0054	EA	12-Fiber, Multimode, SC Simplex, Fiber Optic Cable Connector Panel	190.51	5.79
27 11 19 00-0055	EA	12-Fiber, Singlemode, SC Simplex, Fiber Optic Cable Connector Panel	210.45	5.79
27 11 19 00-0056		**SC Duplex, Fiber Optic Cable Connector Panels** *(27 11 19 00-0048)*		
27 11 19 00-0057	EA	6-Fiber, Multimode, SC Duplex, Fiber Optic Cable Connector Panel	109.47	5.79
27 11 19 00-0058	EA	6-Fiber, Singlemode, SC Duplex, Fiber Optic Cable Connector Panel	111.82	5.79
27 11 19 00-0059	EA	8-Fiber, Multimode, SC Duplex, Fiber Optic Cable Connector Panel	133.56	5.79
27 11 19 00-0060	EA	8-Fiber, Singlemode, SC Duplex, Fiber Optic Cable Connector Panel	136.68	5.79
27 11 19 00-0061	EA	12-Fiber, Multimode, SC Duplex, Fiber Optic Cable Connector Panel	181.72	5.79
27 11 19 00-0062	EA	12-Fiber, Singlemode, SC Duplex, Fiber Optic Cable Connector Panel	186.37	5.79
27 11 19 00-0063		**LC Duplex, Fiber Optic Cable Connector Panels** *(27 11 19 00-0048)*		
27 11 19 00-0064	EA	6-Fiber, Multimode, LC Duplex, Fiber Optic Cable Connector Panel	118.50	5.79
27 11 19 00-0065	EA	6-Fiber, Singlemode, LC Duplex, Fiber Optic Cable Connector Panel	130.28	5.79
27 11 19 00-0066	EA	8-Fiber, Multimode, LC Duplex, Fiber Optic Cable Connector Panel	145.55	5.79
27 11 19 00-0067	EA	8-Fiber, Singlemode, LC Duplex, Fiber Optic Cable Connector Panel	161.27	5.79
27 11 19 00-0068	EA	12-Fiber, Multimode, LC Duplex, Fiber Optic Cable Connector Panel	199.72	5.79
27 11 19 00-0069	EA	12-Fiber, Singlemode, LC Duplex, Fiber Optic Cable Connector Panel	223.26	5.79
27 11 19 00-0070	EA	16-Fiber, Multimode, LC Duplex, Fiber Optic Cable Connector Panel	253.87	5.79
27 11 19 00-0071	EA	16-Fiber, Singlemode, LC Duplex, Fiber Optic Cable Connector Panel	285.25	5.79
27 11 19 00-0072	EA	24-Fiber, Multimode, LC Duplex, Fiber Optic Cable Connector Panel	362.14	5.79
27 11 19 00-0073	EA	24-Fiber, Singlemode, LC Duplex, Fiber Optic Cable Connector Panel	373.08	5.79
27 11 19 00-0074		**ST Simplex, Fiber Optic Cable Connector Panels** *(27 11 19 00-0048)*		
27 11 19 00-0075	EA	6-Fiber, Multimode, ST Simplex, Fiber Optic Cable Connector Panel	94.09	5.79
27 11 19 00-0076	EA	6-Fiber, Singlemode, ST Simplex, Fiber Optic Cable Connector Panel	101.66	5.79
27 11 19 00-0077	EA	8-Fiber, Multimode, ST Simplex, Fiber Optic Cable Connector Panel	113.03	5.79
27 11 19 00-0078	EA	8-Fiber, Singlemode, ST Simplex, Fiber Optic Cable Connector Panel	123.12	5.79
27 11 19 00-0079	EA	12-Fiber, Multimode, ST Simplex, Fiber Optic Cable Connector Panel	150.88	5.79
27 11 19 00-0080	EA	12-Fiber, Singlemode, ST Simplex, Fiber Optic Cable Connector Panel	166.04	5.79
27 11 19 00-0081		**MT-RJ, Fiber Optic Cable Connector Panels** *(27 11 19 00-0048)*		
27 11 19 00-0082	EA	12-Fiber, Multimode, MT-RJ, Fiber Optic Cable Connector Panel	117.79	5.79
27 11 19 00-0083	EA	12-Fiber, Singlemode, MT-RJ, Fiber Optic Cable Connector Panel	177.96	5.79
27 11 19 00-0084		**Fiber Optic Cable Pretium Edge® Modules** *(27 11 19 00-0048)*		
27 11 19 00-0085	EA	12-Fiber, Singlemode, LC Duplex To MTP, Fiber Optic Cable Pretium Edge® Module	1,041.08	5.79
27 11 19 00-0086	EA	12-Fiber, Multimode, LC Duplex To MTP, Fiber Optic Cable Pretium Edge® Module	1,044.71	5.79
27 11 19 00-0087		**Fiber Optic Cable Splice Housings** *(27 11 19 00-0018)*		
27 11 19 00-0088		**Wall Mount, Fiber Optic Cable Splice Housings** *(27 11 19 00-0087)* Note: Includes mounting hardware. Excludes splice trays.		
27 11 19 00-0089	EA	12 Splice Tray Capacity, Wall Mount, Fiber Optic Splice Housing With Locking Door	384.11	57.95
27 11 19 00-0090		**Rack Mount, Fiber Optic Cable Splice Housings** *(27 11 19 00-0087)* Note: Includes mounting hardware. Excludes splice trays.		
27 11 19 00-0091	EA	12 Splice Tray Capacity, Rack Mount, Fiber Optic Cable Splice Housing	600.68	43.46
27 11 19 00-0092	EA	22 Splice Tray Capacity, Rack Mount, Fiber Optic Cable Splice Housing	610.11	43.46
27 11 19 00-0093		**Fiber Optic Cable Splice Trays** *(27 11 19 00-0087)*		
27 11 19 00-0094	EA	Fiber Optic Cable Splice Tray	111.05	14.48

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 11 19 00-0095		**Fiber Optic Cable Jumper Management Panels** *(27 11 19 00-0018)*		
		Note: Includes mounting hardware.		
27 11 19 00-0096	EA	Rack Mount, Fiber Optic Cable Jumper Management Panel	206.84	43.46
27 11 19 00-0097		**Miscellaneous Accessories** *(27 11 19 00-0001)*		
27 11 19 00-0098	EA	Wall Mount Bracket For 12 Or 24 Port Patch Panel	77.62	
27 11 19 00-0099	EA	Wall Mount Bracket For 32 Or 48 Port Patch Panel	104.50	
27 11 19 00-0100	EA	Wall Mount Bracket For 64 Or 72 Port Patch Panel	113.34	
27 11 19 00-0101	EA	Wall Mount Bracket For 96 Port Patch Panel	125.97	
27 11 19 00-0102	EA	Lightning Protection Plus Stainless Steel Modules, Siemon	523.53	57.95
27 11 19 00-0103		**Telephone Components** *(27 11 19)*		
27 11 19 00-0104		**Terminal Blocks With Wide Range Of 22-8 AWG** *(27 11 19 00-0103)*		
27 11 19 00-0105	EA	Terminal Block, Circuit Isolation Switch With Wire Range 22-8 AWG	34.95	11.61
27 11 19 00-0106	EA	Terminal Block, Fuse Holder 600 Volt, 6.3 Amperes With Wire Range 22-8 AWG	68.39	11.61
27 11 19 00-0107	EA	Terminal Block, Fuse Holder 600 Volt, 10 Amperes With Wire Range 22-8 AWG	54.71	11.61
27 11 19 00-0108	EA	Terminal Block, Solderless Box With Lugs And Wire Range 22-8 AWG	26.65	11.61
27 11 19 00-0109	EA	Flat Terminal Block Connection With Wire Range 22-8 AWG	18.87	8.12
27 11 19 00-0110	EA	Ground Terminal Block With Wire Range 22-8 AWG	36.40	11.61
27 11 19 00-0111	EA	Terminal Block, Solderless Box With Lug 600 Volt, 60 Amperes With Wire Range 22-8 AWG	26.65	11.61
27 11 19 00-0112	EA	Terminal Block, Mini Box Lug 300 Volt, 30 Amperes With Wire Range 22-8 AWG	18.66	8.12
27 11 19 00-0113	EA	Flat Terminal Block Connection 300 Volt, 20 Amperes With Wire Range 22-8 AWG	18.51	8.12
27 11 19 00-0114	EA	Self Lifting Terminal Block, 300 Volt, 40 Amperes, Wire Connection With Wire Range 22-12 AWG	19.17	8.12
27 11 19 00-0115		**Terminal Block Mounting Channel** *(27 11 19 00-0103)*		
27 11 19 00-0116	EA	Terminal Block Mounting Channel, .5 M Galvanized Steel	18.54	5.80
27 11 19 00-0117	EA	Terminal Block Mounting Channel, 1 M Galvanized Steel	24.13	5.80
27 11 19 00-0118	EA	Terminal Block Mounting Channel, 2 M Galvanized Steel	34.01	5.80
27 11 19 00-0119	EA	Terminal Block Mounting Channel, .5 M Bi-Chrome Zinc	23.86	6.97
27 11 19 00-0120	EA	Terminal Block Mounting Channel, 1 M Bi-Chrome Zinc	33.18	6.97
27 11 19 00-0121	EA	Terminal Block Mounting Channel, 2 M Bi-Chrome Zinc	48.64	6.97
27 11 19 00-0122		**Outlet Termination Hardware** *(27 11 19 00-0103)*		
27 11 19 00-0123	EA	Telephone Outlet Blocks	36.66	5.80
27 11 19 00-0124	EA	Phone Outlet Block For Floor Box	98.07	44.04
		Note: Excludes box.		
27 11 19 00-0125	EA	Fiber Optic "SC" Type Modular Bulkhead	88.42	26.08
27 11 19 00-0126	EA	Fiber Optic "ST" Type Modular Bulkhead	88.42	26.08
27 11 19 00-0127	EA	Type "F" Coaxial Connector Male	51.39	17.39
27 11 19 00-0128	EA	Modular Plate For 3-RJ-45, 4 - "SC" And 1 -"F" Connector	135.00	28.98
27 11 19 00-0129	EA	Modular Plate For 3-RJ-45, 4 - "ST" And 1 -"F" Connector	135.00	28.98
27 11 19 00-0130	EA	Access Floor Box With 3-RJ-45, 4 - "SC" And 1 -"F" Connector	163.70	28.98
27 11 19 00-0131	EA	Access Floor Box With 3-RJ-45, 4 - "ST" And 1 -"F" Connector	163.70	28.98
27 11 19 00-0132	EA	Access Floor Box With 2-RJ-45, 4 - "SC" And 1 -25 Pin Connector	148.60	28.98
27 11 19 00-0133	EA	Terminal Type - Punch Down Block 110 Type - 300 Pair Category 5	1,304.97	144.87
27 11 19 00-0134	EA	Wiring (Punch Down) Block with Stand-Off Legs, 100 Pair, Category V	62.89	11.59
		Note: Excludes cable terminations.		
27 11 19 00-0135	EA	5-Pair, Connecting Block	3.72	1.16
27 11 19 00-0136	EA	4-Pair, Connecting Block	4.04	1.16
27 11 19 00-0137	EA	Plastic Label Holder, Transparent	15.05	2.90
27 11 19 00-0138	EA	Marked Label, White, 5-Pair	4.04	
27 11 19 00-0139	EA	Marked Label, Blue, 4-Pair	4.04	
27 11 19 00-0140		**Terminations in Manhole or Junction Box** *(27 11 19 00-0103)*		
27 11 19 00-0141	EA	25 Pair Cable Termination In Manhole Or Junction Box	185.45	
27 11 19 00-0142	EA	50 Pair Cable Termination In Manhole Or Junction Box	370.89	
27 11 19 00-0143	EA	100 Pair Cable Termination In Manhole Or Junction Box	741.78	
27 11 19 00-0144	EA	150 Pair Cable Termination In Manhole Or Junction Box	1,112.67	
27 11 19 00-0145	EA	200 Pair Cable Termination In Manhole Or Junction Box	1,301.60	
27 11 19 00-0146	EA	300 Pair Cable Termination In Manhole Or Junction Box	1,951.81	
27 11 19 00-0147	EA	400 Pair Cable Termination In Manhole Or Junction Box	2,454.83	
27 11 19 00-0148	EA	500 Pair Cable Termination In Manhole Or Junction Box	3,069.12	
27 11 19 00-0149	EA	750 Pair Cable Termination In Manhole Or Junction Box	4,603.66	
27 11 19 00-0150	EA	1,000 Pair Cable Termination In Manhole Or Junction Box	5,583.03	
27 11 19 00-0151	EA	1,200 Pair Cable Termination In Manhole Or Junction Box	6,363.15	
27 11 23		**Communications Cable Management and Ladder Rack** *(27 11)*		
27 11 23 00-0001		**Equipment Supports** *(27 11 23)*		
27 11 23 00-0002	EA	12" x 5'-11" Tubular Runway	121.38	27.81
27 11 23 00-0003	EA	12" x 9'-11" Tubular Runway	209.16	46.36
27 11 23 00-0004	EA	Shelf Bracket Support For Tubular Runway	38.38	8.69
27 11 23 00-0005	EA	Straight Clamp Hardware For Tubular Runway	15.93	5.79

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 11 23 00-0006	EA	Corner Clamp Hardware For Tubular Runway	17.00	5.79
27 11 23 00-0007	EA	90 Degree Edge Clamp Hardware For Tubular Runway	39.69	10.43
27 11 23 00-0008	EA	Wall Angle Assembly Hardware For 12" Wide Tubular Runway	85.65	17.39
27 11 23 00-0009	EA	J-Bolt Hardware For Tubular Runway	7.60	2.55
27 11 23 00-0010	EA	T Bracket Hardware For Tubular Runway	43.35	14.48
27 11 23 00-0011	EA	110 Jumper Trough (Commscope 107831133)	34.59	5.79
27 11 23 00-0012	LF	Velcro CMP	2.83	1.16

27 13 Communications Backbone Cabling *(27 10)*

27 13 13 Communications Copper Backbone Cabling *(27 13)*

27 13 13 13 Communications Copper Cable Splicing and Terminations *(27 13 13)*

27 13 13 13-0001 Building Entrance Terminals *(27 13 13 13)*

27 13 13 13-0002	EA	25 Pair Gas Protective Unit Assembly Complete With Gas Protector	2,900.42	254.13
27 13 13 13-0003	EA	50 Pair Gas Protective Unit Assembly Complete With Gas Protector	3,816.74	423.55
27 13 13 13-0004	EA	100 Pair Gas Protective Unit Assembly Complete With Gas Protector	5,349.83	678.21

27 13 13 13-0005 Modular Plugs For Copper Communications Cable *(27 13 13 13)*

27 13 13 13-0006	EA	Modular Plug For Non Shielded Copper Communications Cable	28.77	
		Note: Up to 8-position/8-contact non-shielded modular plug for solid or stranded wire. Includes termination.		
		For >5 To 10, Deduct	*-3.47*	
		For >10, Deduct	*-6.94*	
27 13 13 13-0007	EA	Modular Plug For Shielded Copper Communications Cable	32.86	
		Note: Up to 8-position/8-contact shielded modular plug for solid or stranded wire. Includes termination.		
		For >5 To 10, Deduct	*-3.90*	
		For >10, Deduct	*-7.81*	

27 13 13 13-0008 Testing And Certification Of Copper Communications Cable *(27 13 13 13)*

Note: Use for existing systems.

27 13 13 13-0009	EA	Test 1-Pair Of A Copper Communications Cable For Continuity	5.79	
		For >25-Pair, Deduct	*-2.31*	
27 13 13 13-0010	EA	Certify 1-Pair Of A Copper Communications Cable	8.69	
		For >25-Pair, Deduct	*-3.47*	
27 13 13 13-0011	EA	Certify And Document 1-Pair Of A Copper Communications Cable	13.91	
		For >25-Pair, Deduct	*-5.55*	
27 13 13 13-0012	EA	Test 4-Pair Category 5-7 Telecommunications Cable For Continuity	23.18	
		For >25-Pair, Deduct	*-9.25*	
27 13 13 13-0013	EA	Certify 4-Pair Category 5-7 Telecommunications Cable	34.77	
		For >25-Pair, Deduct	*-13.88*	
27 13 13 13-0014	EA	Certify And Document 4-Pair Category 5-7 Telecommunications Cable	55.64	
		For >25-Pair, Deduct	*-22.20*	

27 13 13 13-0015 Communications Termination Blocks *(27 13 13 13)*

27 13 13 13-0016	EA	100-Pair, 110 Block With Legs	60.13	14.48
27 13 13 13-0017	EA	300-Pair, 110 Block With Legs	105.43	14.48
27 13 13 13-0018	EA	Clear Label Holder For 110 Wiring Block	12.47	5.79
27 13 13 13-0019	EA	4-Pair, 110C Connecting Block	7.16	2.90
27 13 13 13-0020	EA	5-Pair, 110C Connecting Block	7.33	2.90
27 13 13 13-0021	EA	100-Pair, 110 Jack Panel System	346.91	17.39
		Note: Includes twelve 8-pin modular jacks and mounting legs.		
27 13 13 13-0022	EA	300-Pair, 110 Jack Panel System	655.36	17.39
		Note: Includes twelve 8-pin modular jacks and mounting legs.		

27 13 23 Communications Optical Fiber Backbone Cabling *(27 13)*

27 13 23 13 Communications Optical Fiber Splicing and Terminations *(27 13 23)*

27 13 23 13-0001 Fiber Optic Cable Connectors *(27 13 23 13)*

27 13 23 13-0002	EA	ST Connector For Multimode Fiber Optic Cable	34.03	
27 13 23 13-0003	EA	ST Connector For Singlemode Fiber Optic Cable	39.43	
27 13 23 13-0004	EA	SC Connector For Multimode Fiber Optic Cable	38.03	
27 13 23 13-0005	EA	SC Connector For Singlemode Fiber Optic Cable	44.91	
27 13 23 13-0006	EA	LC Connector For Multimode Fiber Optic Cable	52.11	
27 13 23 13-0007	EA	LC Connector For Singlemode Fiber Optic Cable	53.71	
27 13 23 13-0008	EA	MT-RJ Connector For Multimode Fiber Optic Cable	78.57	

27 13 23 13-0009 Fiber Optic Cable Fan Out Kits *(27 13 23 13)*

27 13 23 13-0010 Buffer Tube Fan Out Kits For Fiber Optic Cable *(27 13 23 13-0009)*

27 13 23 13-0011	EA	6-Fiber, Indoor Buffer Tube Fan Out Kit For Fiber Optic Cable	255.27	
27 13 23 13-0012	EA	12-Fiber, Indoor Buffer Tube Fan Out Kit For Fiber Optic Cable	259.75	
27 13 23 13-0013	EA	6-Fiber, Outdoor Buffer Tube Fan Out Kit For Fiber Optic Cable	297.61	
27 13 23 13-0014	EA	12-Fiber, Outdoor Buffer Tube Fan Out Kit For Fiber Optic Cable	326.00	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 13 23 13-0015		**Spider Fan Out Kits For Fiber Optic Cable** *(27 13 23 13-0009)*		
		Note: For tight buffered or loose tube non-armored cables. Includes aramid yarn strength member, outer protective PVDF jacket and one meter fan out lengths.		
27 13 23 13-0016	EA	6-Fiber, Spider Fan Out Kit For Fiber Optic Cable	310.49	
27 13 23 13-0017	EA	12-Fiber, Spider Fan Out Kit For Fiber Optic Cable	340.57	
27 13 23 13-0018	EA	18-Fiber, Spider Fan Out Kit For Fiber Optic Cable	495.80	
27 13 23 13-0019	EA	24-Fiber, Spider Fan Out Kit For Fiber Optic Cable	641.77	
27 13 23 13-0020		**Fiber Optic Cable Splice Closures** *(27 13 23 13)*		
		Note: Includes mounting hardware. Excludes splicing and splice trays.		
27 13 23 13-0021	EA	Up To 144-Fiber Capacity, Pedestal Fiber Optic Cable Splice Closure	970.42	115.91
27 13 23 13-0022	EA	Up To 144-Fiber Capacity, Underground Fiber Optic Cable Splice Closure	1,202.22	231.81
27 13 23 13-0023	EA	Up To 144-Fiber Capacity, Aerial Fiber Optic Cable Splice Closure	1,202.22	231.81
27 13 23 13-0024	EA	Up To 288-Fiber Capacity, Pedestal Fiber Optic Cable Splice Closure	1,638.74	115.91
27 13 23 13-0025	EA	Up To 288-Fiber Capacity, Underground Fiber Optic Cable Splice Closure	1,870.54	231.81
27 13 23 13-0026	EA	Up To 288-Fiber Capacity, Aerial Fiber Optic Cable Splice Closure	1,870.54	231.81
27 13 23 13-0027	EA	Splice Tray For Fiber Optic Cable Splice Closure Note: Up to 12-fiber, mechanical or fusion splice tray. Excludes splice.	66.21	14.48
27 13 23 13-0028		**Fiber Optic Cable Testing** *(27 13 23 13)* Note: Price based on testing one wavelength.		
27 13 23 13-0029		**Fiber Optic Cable Testing Using An OTDR** *(27 13 23 13-0028)* Note: Testing using an optical time domain reflectometer.		
27 13 23 13-0030	EA	Test 1-Strand Of Fiber Optic Cable Using A Single Directional OTDR Test	23.18	
		For >12 To 48 Strands, Deduct	*-1.74*	
		For >48 Strands, Deduct	*-2.32*	
27 13 23 13-0031	EA	Test 1-Strand Of Fiber Optic Cable Using A Multi-Directional OTDR Test	34.77	
		For >12 To 48 Strands, Deduct	*-2.61*	
		For >48 Strands, Deduct	*-3.48*	
27 13 23 13-0032	EA	Test 1-Strand Of Fiber Optic Cable Using A Single Directional OTDR Test With Documentation	57.95	
		For >12 To 48 Strands, Deduct	*-4.35*	
		For >48 Strands, Deduct	*-5.80*	
27 13 23 13-0033	EA	Test 1-Strand Of Fiber Optic Cable Using A Multi-Directional OTDR Test With Documentation	86.93	
		For >12 To 48 Strands, Deduct	*-6.52*	
		For >48 Strands, Deduct	*-8.69*	
27 13 23 13-0034		**Fiber Optic Cable Testing Using A Power Meter** *(27 13 23 13-0028)*		
27 13 23 13-0035	EA	Test 1-Strand Of Fiber Optic Cable Using A Single Directional Power Meter Test	23.18	
		For >12 To 48 Strands, Deduct	*-1.74*	
		For >48 Strands, Deduct	*-2.32*	
27 13 23 13-0036	EA	Test 1-Strand Of Fiber Optic Cable Using A Multi-Directional Power Meter Test	34.77	
		For >12 To 48 Strands, Deduct	*-2.61*	
		For >48 Strands, Deduct	*-3.48*	
27 13 23 13-0037		**Fiber Optic Cable Light Source/Continuity Testing** *(27 13 23 13-0028)*		
27 13 23 13-0038	EA	Test 1-Strand Of Fiber Optic Cable Using A Light Source/Continuity Test	23.18	
		For >12 To 48 Strands, Deduct	*-1.74*	
		For >48 Strands, Deduct	*-2.32*	
27 13 23 13-0039		**Fiber Optic Cable Splicing** *(27 13 23 13)*		
27 13 23 13-0040	EA	Single Strand, Fusion Splice Of Fiber Optic Cable	34.77	
27 13 23 13-0041	EA	12-Strand Ribbon, Fusion Splice Of Fiber Optic Cable	115.91	
27 13 23 13-0042		**Other Fiber Optic Cable Splicing** *(27 13 23 13)*		
27 13 23 13-0043	EA	Fiber Optic Finger Splice	41.74	21.79
27 13 23 13-0044	EA	Fiber Optic Splice Box - Manholes	7,129.74	

27 15 Communications Horizontal Cabling *(27 10)*

27 15 01 Communications Horizontal Cabling Applications *(27 15)*

27 15 01 13 Video Surveillance Communications Conductors and Cables *(27 15 01)*

Note: Cable installed in conduit includes pull wires and installation in conduit, innerduct, wiremold, etc. Cable installed exposed includes installation on exposed surfaces, uncovered wireways, cable trays, etc. See CSI section 26 05 19 00-0000 for low-voltage electrical power cable, 26 05 23 00-0000 for control-voltage electrical power cable, 27 13 00 00-0000 for conductors and cables.

27 15 01 15 Access Control Communications Conductors and Cables *(27 15 01)*

Note: Cable installed in conduit includes pull wires and installation in conduit, innerduct, wiremold, etc. Cable installed exposed includes installation on exposed surfaces, uncovered wireways, cable trays, etc. See CSI section 26 05 19 00-0000 for low-voltage electrical power cable, 26 05 23 00-0000 for control-voltage electrical power cable, 27 13 00 00-0000 for conductors and cables.

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CSI	UOM	MINOR DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 01 16		**Voice Communications Horizontal Cabling** *(27 15 01)*		
		Note: Cable installed in conduit includes pull wires and installation in conduit, innerduct, wiremold, etc. Cable installed exposed includes installation on exposed surfaces, uncovered wireways, cable trays, etc. See CSI section 26 05 19 00-0000 for low-voltage electrical power cable, 26 05 23 00-0000 for control-voltage electrical power cable, 27 13 00 00-0000 for conductors and cables.		
27 15 01 17		**Intrusion Detection Communications Conductors and Cables** *(27 15 01)*		
		Note: Cable installed in conduit includes pull wires and installation in conduit, innerduct, wiremold, etc. Cable installed exposed includes installation on exposed surfaces, uncovered wireways, cable trays, etc. See CSI section 26 05 19 00-0000 for low-voltage electrical power cable, 26 05 23 00-0000 for control-voltage electrical power cable, 27 13 00 00-0000 for conductors and cables, 27 15 01 19-0000 for Type FPLP Cable.		
27 15 01 19		**Fire Alarm Communications Conductors and Cables** *(27 15 01)*		
		Note: Cable installed in conduit includes pull wires and installation in conduit, innerduct, wiremold, etc. Cable installed exposed includes installation on exposed surfaces, uncovered wireways, cable trays, etc.		
27 15 01 19-0001		Fire Alarm/Life Safety Cable *(27 15 01 19)*		
27 15 01 19-0002		Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable *(27 15 01 19-0001)*		
27 15 01 19-0003		Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit *(27 15 01 19-0002)*		
27 15 01 19-0004	MLF	1-Pair, 18 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,885.10	788.60
27 15 01 19-0005	MLF	2-Pair, 18 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	2,311.06	817.12
27 15 01 19-0006	MLF	1-Pair, 16 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	2,149.47	896.40
27 15 01 19-0007	MLF	2-Pair, 16 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	2,828.17	928.39
27 15 01 19-0008	MLF	1-Pair, 14 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	2,468.83	1,003.49
27 15 01 19-0009	MLF	2-Pair, 14 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	3,435.25	1,039.65
27 15 01 19-0010	MLF	1-Pair, 12 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	3,159.09	1,147.44
27 15 01 19-0011	MLF	2-Pair, 12 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	4,660.22	1,188.36
27 15 01 19-0012		Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed *(27 15 01 19-0002)*		
27 15 01 19-0013	MLF	1-Pair, 18 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,199.45	1,577.45
27 15 01 19-0014	MLF	2-Pair, 18 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,672.93	1,634.24
27 15 01 19-0015	MLF	1-Pair, 16 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,643.48	1,793.02
27 15 01 19-0016	MLF	2-Pair, 16 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	4,375.47	1,856.77
27 15 01 19-0017	MLF	1-Pair, 14 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	4,141.31	2,007.45
27 15 01 19-0018	MLF	2-Pair, 14 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	5,168.00	2,079.31
27 15 01 19-0019	MLF	1-Pair, 12 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	5,071.49	2,294.88
27 15 01 19-0020	MLF	2-Pair, 12 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	6,641.01	2,377.19
27 15 01 19-0021		Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit *(27 15 01 19-0001)*		
27 15 01 19-0022	MLF	2 Conductors, #22 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,199.74	645.35
27 15 01 19-0023	MLF	4 Conductors, #22 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,296.64	668.29
27 15 01 19-0024	MLF	2 Conductors, #18 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,459.63	788.60
27 15 01 19-0025	MLF	3 Conductors, #18 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,555.77	802.87
27 15 01 19-0026	MLF	4 Conductors, #18 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,614.23	817.12
27 15 01 19-0027	MLF	6 Conductors, #18 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,802.42	845.63
27 15 01 19-0028	MLF	8 Conductors, #18 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	2,072.14	874.14
27 15 01 19-0029	MLF	2 Conductors, #16 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,702.31	896.40
27 15 01 19-0030	MLF	4 Conductors, #16 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,912.44	928.39
27 15 01 19-0031	MLF	2 Conductors, #14 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,971.05	1,003.49

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 01 19-0032	MLF	4 Conductors, #14 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	2,298.91	1,039.65
27 15 01 19-0033	MLF	2 Conductors, #12 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	2,403.53	1,147.44
27 15 01 19-0034	MLF	4 Conductors, #12 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	2,931.83	1,188.36
27 15 01 19-0035		Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable *(27 15 01 19-0001)*		
27 15 01 19-0036		Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit *(27 15 01 19-0035)*		
27 15 01 19-0037	MLF	2 Conductors, #22 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,189.97	645.35
27 15 01 19-0038	MLF	2 Conductors, #18 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,453.29	788.60
27 15 01 19-0039	MLF	3 Conductors, #18 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,617.12	802.87
27 15 01 19-0040	MLF	4 Conductors, #18 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,631.21	817.12
27 15 01 19-0041	MLF	6 Conductors, #18 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,891.08	845.63
27 15 01 19-0042	MLF	2 Conductors, #16 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,692.72	896.40
27 15 01 19-0043	MLF	4 Conductors, #16 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,933.96	928.39
27 15 01 19-0044	MLF	2 Conductors, #14 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,927.88	1,003.49
27 15 01 19-0045	MLF	4 Conductors, #14 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	2,470.49	1,039.65
27 15 01 19-0046	MLF	2 Conductors, #12 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	2,389.42	1,147.44
27 15 01 19-0047	MLF	4 Conductors, #12 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	3,192.31	1,188.36
27 15 01 19-0048		Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed *(27 15 01 19-0035)*		
27 15 01 19-0049	MLF	2 Conductors, #22 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	2,265.55	1,291.16
27 15 01 19-0050	MLF	2 Conductors, #18 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	2,767.64	1,577.45
27 15 01 19-0051	MLF	3 Conductors, #18 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	2,954.66	1,605.26
27 15 01 19-0052	MLF	4 Conductors, #18 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	2,993.08	1,634.24
27 15 01 19-0053	MLF	6 Conductors, #18 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,300.47	1,691.03
27 15 01 19-0054	MLF	2 Conductors, #16 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,186.73	1,793.02
27 15 01 19-0055	MLF	4 Conductors, #16 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,481.26	1,856.77
27 15 01 19-0056	MLF	2 Conductors, #14 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,600.36	2,007.45
27 15 01 19-0057	MLF	4 Conductors, #14 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	4,203.24	2,079.31
27 15 01 19-0058	MLF	2 Conductors, #12 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	4,301.82	2,294.88
27 15 01 19-0059	MLF	4 Conductors, #12 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	5,173.10	2,377.19
27 15 01 19-0060		Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable *(27 15 01 19-0001)*		
27 15 01 19-0061		Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit *(27 15 01 19-0060)*		
27 15 01 19-0062	MLF	2 Conductors, #22 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,230.19	645.35
27 15 01 19-0063	MLF	2 Conductors, #18 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,482.01	788.60
27 15 01 19-0064	MLF	3 Conductors, #18 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,723.74	802.87
27 15 01 19-0065	MLF	4 Conductors, #18 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,660.61	817.12
27 15 01 19-0066	MLF	6 Conductors, #18 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,921.14	845.63
27 15 01 19-0067	MLF	2 Conductors, #16 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,758.73	896.40
27 15 01 19-0068	MLF	4 Conductors, #16 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,964.49	928.39

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 01 19-0069	MLF	2 Conductors, #14 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	2,070.25	1,003.49
27 15 01 19-0070	MLF	4 Conductors, #14 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	2,399.10	1,039.65
27 15 01 19-0071	MLF	2 Conductors, #12 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	2,494.78	1,147.44
27 15 01 19-0072	MLF	4 Conductors, #12 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	2,975.56	1,188.36
27 15 01 19-0073		**Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed** *(27 15 01 19-0060)*		
27 15 01 19-0074	MLF	2 Conductors, #22 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	2,305.77	1,291.16
27 15 01 19-0075	MLF	2 Conductors, #18 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	2,796.36	1,577.45
27 15 01 19-0076	MLF	3 Conductors, #18 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,061.28	1,605.26
27 15 01 19-0077	MLF	4 Conductors, #18 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,022.48	1,634.24
27 15 01 19-0078	MLF	6 Conductors, #18 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,330.53	1,691.03
27 15 01 19-0079	MLF	2 Conductors, #16 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,252.74	1,793.02
27 15 01 19-0080	MLF	4 Conductors, #16 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,511.79	1,856.77
27 15 01 19-0081	MLF	2 Conductors, #14 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,742.73	2,007.45
27 15 01 19-0082	MLF	4 Conductors, #14 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	4,131.85	2,079.31
27 15 01 19-0083	MLF	2 Conductors, #12 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	4,407.18	2,294.88
27 15 01 19-0084	MLF	4 Conductors, #12 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	4,956.35	2,377.19
27 15 01 19-0085		**Non-Shielded, Riser Rated, FPLR (Red), Fire Alarm/Life Safety Cable** *(27 15 01 19-0001)*		
27 15 01 19-0086		**Non-Shielded, Riser Rated, FPLR (Red), Fire Alarm/Life Safety Cable, Installed In Conduit** *(27 15 01 19-0085)*		
27 15 01 19-0087	MLF	2 Conductors, #22 AWG, Non-Shielded, Riser Rated, Solid Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,202.73	645.35
27 15 01 19-0088	MLF	2 Conductors, #18 AWG, Non-Shielded, Riser Rated, Solid Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,515.42	788.60
27 15 01 19-0089	MLF	3 Conductors, #18 AWG, Non-Shielded, Riser Rated, Solid Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,638.68	802.87
27 15 01 19-0090	MLF	4 Conductors, #18 AWG, Non-Shielded, Riser Rated, Solid Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,742.22	817.12
27 15 01 19-0091	MLF	6 Conductors, #18 AWG, Non-Shielded, Riser Rated, Solid Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,969.03	845.63
27 15 01 19-0092	MLF	2 Conductors, #16 AWG, Non-Shielded, Riser Rated, Solid Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,748.99	896.40
27 15 01 19-0093	MLF	4 Conductors, #16 AWG, Non-Shielded, Riser Rated, Solid Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	2,059.46	928.39
27 15 01 19-0094	MLF	2 Conductors, #14 AWG, Non-Shielded, Riser Rated, Solid Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	2,050.88	1,003.49
27 15 01 19-0095	MLF	4 Conductors, #14 AWG, Non-Shielded, Riser Rated, Solid Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	2,610.07	1,039.65
27 15 01 19-0096	MLF	2 Conductors, #12 AWG, Non-Shielded, Riser Rated, Solid Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	2,470.08	1,147.44
27 15 01 19-0097		**Non-Shielded, Riser Rated, FPLR (Red), Fire Alarm/Life Safety Cable, Installed Exposed** *(27 15 01 19-0085)*		
27 15 01 19-0098	MLF	2 Conductors, #22 AWG, Non-Shielded, Riser Rated, Solid Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed Exposed	2,278.31	1,291.16
27 15 01 19-0099	MLF	2 Conductors, #18 AWG, Non-Shielded, Riser Rated, Solid Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed Exposed	2,829.77	1,577.45
27 15 01 19-0100	MLF	3 Conductors, #18 AWG, Non-Shielded, Riser Rated, Stranded Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed Exposed	2,976.22	1,605.26
27 15 01 19-0101	MLF	4 Conductors, #18 AWG, Non-Shielded, Riser Rated, Stranded Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,104.09	1,634.24
27 15 01 19-0102	MLF	6 Conductors, #18 AWG, Non-Shielded, Riser Rated, Stranded Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,378.42	1,691.03
27 15 01 19-0103	MLF	2 Conductors, #16 AWG, Non-Shielded, Riser Rated, Stranded Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,243.00	1,793.02
27 15 01 19-0104	MLF	4 Conductors, #16 AWG, Non-Shielded, Riser Rated, Stranded Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,606.76	1,856.77
27 15 01 19-0105	MLF	2 Conductors, #14 AWG, Non-Shielded, Riser Rated, Stranded Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,723.36	2,007.45
27 15 01 19-0106	MLF	4 Conductors, #14 AWG, Non-Shielded, Riser Rated, Stranded Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed Exposed	4,342.82	2,079.31

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 01 19-0107	MLF	2 Conductors, #12 AWG, Non-Shielded, Riser Rated, Stranded Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed Exposed	4,382.48	2,294.88

27 15 13 Communications Copper Horizontal Cabling *(27 15)*

Note: Cable installed in conduit includes pull wires and installation in conduit, innerduct, wiremold, etc. Cable installed exposed includes installation on exposed surfaces, uncovered wireways, cable trays, etc.

27 15 13 00-0001 Solid Conductor Low Voltage Cable *(27 15 13)*

27 15 13 00-0002 Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit *(27 15 13 00-0001)*

27 15 13 00-0003 #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit *(27 15 13 00-0002)*

27 15 13 00-0004	MLF	1 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,012.37	1,048.29
		For #10 AWG, Add	*436.93*	
		For Work In Restricted Working Space, Add	*524.19*	
27 15 13 00-0005	MLF	2 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,298.60	1,085.35
		For #10 AWG, Add	*523.31*	
		For Work In Restricted Working Space, Add	*542.84*	
27 15 13 00-0006	MLF	3 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,553.40	1,123.47
		For #10 AWG, Add	*599.27*	
		For Work In Restricted Working Space, Add	*561.58*	
27 15 13 00-0007	MLF	4 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,822.48	1,161.59
		For #10 AWG, Add	*679.66*	
		For Work In Restricted Working Space, Add	*580.97*	
27 15 13 00-0008	MLF	5 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,145.43	1,239.95
		For #10 AWG, Add	*769.26*	
		For Work In Restricted Working Space, Add	*620.16*	
27 15 13 00-0009	MLF	6 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,444.77	1,317.25
		For #10 AWG, Add	*851.30*	
		For Work In Restricted Working Space, Add	*658.79*	
27 15 13 00-0010	MLF	8 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,771.19	1,473.96
		For #10 AWG, Add	*925.19*	
		For Work In Restricted Working Space, Add	*736.84*	
27 15 13 00-0011	MLF	12 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	4,991.18	1,943.04
		For #10 AWG, Add	*1,226.18*	
		For Work In Restricted Working Space, Add	*971.33*	
27 15 13 00-0012	MLF	24 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	7,411.47	2,869.56
		For #10 AWG, Add	*1,824.21*	
		For Work In Restricted Working Space, Add	*1,434.41*	

27 15 13 00-0013 #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit *(27 15 13 00-0002)*

27 15 13 00-0014	MLF	1 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,781.24	916.99
		For Work In Restricted Working Space, Add	*458.39*	
27 15 13 00-0015	MLF	2 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,050.38	949.81
		For Work In Restricted Working Space, Add	*474.91*	
27 15 13 00-0016	MLF	3 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,289.22	982.64
		For Work In Restricted Working Space, Add	*491.43*	
27 15 13 00-0017	MLF	4 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,540.67	1,016.53
		For Work In Restricted Working Space, Add	*508.26*	
27 15 13 00-0018	MLF	5 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,838.78	1,085.35
		For Work In Restricted Working Space, Add	*542.57*	
27 15 13 00-0019	MLF	6 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,113.99	1,153.12
		For Work In Restricted Working Space, Add	*576.24*	
27 15 13 00-0020	MLF	8 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,406.00	1,289.72
		For Work In Restricted Working Space, Add	*644.86*	
27 15 13 00-0021	MLF	12 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	4,507.81	1,699.50
		For Work In Restricted Working Space, Add	*849.75*	
27 15 13 00-0022	MLF	24 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	6,697.66	2,510.61
		For Work In Restricted Working Space, Add	*1,255.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 13 00-0023		**#16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit** *(27 15 13 00-0002)*		
27 15 13 00-0024	MLF	1 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,587.91	818.51
		For Work In Restricted Working Space, Add	*409.47*	
27 15 13 00-0025	MLF	2 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,771.48	848.16
		For Work In Restricted Working Space, Add	*424.08*	
27 15 13 00-0026	MLF	3 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,035.70	877.81
		For Work In Restricted Working Space, Add	*438.69*	
27 15 13 00-0027	MLF	4 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,258.53	907.46
		For Work In Restricted Working Space, Add	*453.94*	
27 15 13 00-0028	MLF	5 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,522.00	968.87
		For Work In Restricted Working Space, Add	*484.44*	
27 15 13 00-0029	MLF	6 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,766.10	1,029.23
		For Work In Restricted Working Space, Add	*514.62*	
27 15 13 00-0030	MLF	7 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,895.63	1,090.65
		For Work In Restricted Working Space, Add	*545.11*	
27 15 13 00-0031	MLF	8 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,026.21	1,152.06
		For Work In Restricted Working Space, Add	*575.93*	
27 15 13 00-0032	MLF	9 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,332.39	1,225.12
		For Work In Restricted Working Space, Add	*612.46*	
27 15 13 00-0033	MLF	12 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	4,004.41	1,517.38
		For Work In Restricted Working Space, Add	*758.74*	
27 15 13 00-0034	MLF	24 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	5,949.18	2,241.65
		For Work In Restricted Working Space, Add	*1,120.88*	
27 15 13 00-0035		**#18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit** *(27 15 13 00-0002)*		
27 15 13 00-0036	MLF	1 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,358.25	721.10
		For Work In Restricted Working Space, Add	*360.23*	
27 15 13 00-0037	MLF	2 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,534.78	746.51
		For Work In Restricted Working Space, Add	*373.25*	
27 15 13 00-0038	MLF	3 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,692.46	771.92
		For Work In Restricted Working Space, Add	*386.28*	
27 15 13 00-0039	MLF	4 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,857.34	798.40
		For Work In Restricted Working Space, Add	*399.31*	
27 15 13 00-0040	MLF	5 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,061.59	852.39
		For Work In Restricted Working Space, Add	*426.30*	
27 15 13 00-0041	MLF	6 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,251.86	905.34
		For Work In Restricted Working Space, Add	*452.99*	
27 15 13 00-0042	MLF	8 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,470.18	1,013.35
		For Work In Restricted Working Space, Add	*506.68*	
27 15 13 00-0043	MLF	12 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,267.44	1,335.25
		For Work In Restricted Working Space, Add	*667.73*	
27 15 13 00-0044	MLF	24 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	4,850.34	1,972.69
		For Work In Restricted Working Space, Add	*986.34*	
27 15 13 00-0045		**#20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit** *(27 15 13 00-0002)*		
27 15 13 00-0046	MLF	1 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,212.73	655.45
		For Work In Restricted Working Space, Add	*327.51*	
27 15 13 00-0047	MLF	2 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,354.86	678.74
		For Work In Restricted Working Space, Add	*339.26*	
27 15 13 00-0048	MLF	3 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,481.20	702.57
		For Work In Restricted Working Space, Add	*351.02*	
27 15 13 00-0049	MLF	4 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,613.65	726.39
		For Work In Restricted Working Space, Add	*363.09*	

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27 15 13 00-0050	MLF	5 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,783.58	775.10
		For Work In Restricted Working Space, Add	*387.39*	
27 15 13 00-0051	MLF	6 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,942.44	823.81
		For Work In Restricted Working Space, Add	*411.69*	
27 15 13 00-0052	MLF	8 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,144.50	921.23
		For Work In Restricted Working Space, Add	*460.61*	
27 15 13 00-0053	MLF	12 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,824.03	1,214.54
		For Work In Restricted Working Space, Add	*607.06*	
27 15 13 00-0054	MLF	24 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	4,189.98	1,793.74
		For Work In Restricted Working Space, Add	*896.76*	
27 15 13 00-0055	MLF	25 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	4,396.44	1,836.10
		For Work In Restricted Working Space, Add	*918.05*	
27 15 13 00-0056	MLF	36 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	5,200.56	2,137.88
		For Work In Restricted Working Space, Add	*1,068.94*	
27 15 13 00-0057	MLF	40 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	5,575.70	2,288.24
		For Work In Restricted Working Space, Add	*1,144.22*	
27 15 13 00-0058	MLF	50 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	6,761.01	2,860.04
		For Work In Restricted Working Space, Add	*1,429.80*	
27 15 13 00-0059	MLF	100 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	9,098.02	3,765.38
		For Work In Restricted Working Space, Add	*1,882.47*	
27 15 13 00-0060		**#22 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit** *(27 15 13 00-0002)*		
27 15 13 00-0061	MLF	1 Pair #22 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,045.95	589.80
		For Work In Restricted Working Space, Add	*294.79*	
27 15 13 00-0062	MLF	2 Pair #22 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,104.21	610.97
		For Work In Restricted Working Space, Add	*305.27*	
27 15 13 00-0063	MLF	3 Pair #22 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,172.43	632.15
		For Work In Restricted Working Space, Add	*316.08*	
27 15 13 00-0064	MLF	4 Pair #22 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,245.07	653.33
		For Work In Restricted Working Space, Add	*326.87*	
27 15 13 00-0065	MLF	5 Pair #22 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,362.12	697.80
		For Work In Restricted Working Space, Add	*348.80*	
27 15 13 00-0066	MLF	6 Pair #22 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,478.60	739.10
		For Work In Restricted Working Space, Add	*369.76*	
27 15 13 00-0067		**Triad** *(27 15 13 00-0002)*		
27 15 13 00-0068	MLF	1 Triad #16 AWG, Stranded, Low Voltage, Installed In Conduit	3,003.91	877.81
27 15 13 00-0069	MLF	4 Triad #20 AWG, Stranded, Low Voltage, Installed In Conduit	3,877.34	1,214.54
27 15 13 00-0070	MLF	8 Triad #20 AWG, Stranded, Low Voltage, Installed In Conduit	6,111.44	1,793.74
27 15 13 00-0071	MLF	12 Triad #20 AWG, Stranded, Low Voltage, Installed In Conduit	7,661.07	2,137.88
27 15 13 00-0072	MLF	24 Triad #20 AWG, Stranded, Low Voltage, Installed In Conduit	12,642.52	3,312.18
27 15 13 00-0073	MLF	36 Triad #20 AWG, Stranded, Low Voltage, Installed In Conduit	14,568.31	3,765.38
27 15 13 00-0074		**Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed** *(27 15 13 00-0001)*		
27 15 13 00-0075		**#12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed** *(27 15 13 00-0074)*		
27 15 13 00-0076	MLF	1 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,759.67	2,096.58
		For #10 AWG, Add	*786.39*	
		For Work In Restricted Working Space, Add	*1,048.38*	
27 15 13 00-0077	MLF	2 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	4,108.05	2,170.71
		For #10 AWG, Add	*885.20*	
		For Work In Restricted Working Space, Add	*1,085.67*	
27 15 13 00-0078	MLF	3 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	4,425.32	2,246.95
		For #10 AWG, Add	*973.66*	
		For Work In Restricted Working Space, Add	*1,123.15*	
27 15 13 00-0079	MLF	4 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	4,759.06	2,323.18
		For #10 AWG, Add	*1,066.98*	
		For Work In Restricted Working Space, Add	*1,161.95*	

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27 15 13 00-0080	MLF	5 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	5,212.62	2,479.90
		For #10 AWG, Add	*1,182.70*	
		For Work In Restricted Working Space, Add	*1,240.31*	
27 15 13 00-0081	MLF	6 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	5,640.77	2,634.50
		For #10 AWG, Add	*1,290.50*	
		For Work In Restricted Working Space, Add	*1,317.59*	
27 15 13 00-0082	MLF	8 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	6,227.33	2,947.92
		For #10 AWG, Add	*1,416.42*	
		For Work In Restricted Working Space, Add	*1,473.68*	
27 15 13 00-0083	MLF	12 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	8,228.96	3,886.09
		For #10 AWG, Add	*1,873.73*	
		For Work In Restricted Working Space, Add	*1,942.67*	
27 15 13 00-0084	MLF	24 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	12,192.84	5,739.13
		For #10 AWG, Add	*2,780.48*	
		For Work In Restricted Working Space, Add	*2,868.83*	

27 15 13 00-0085 #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed *(27 15 13 00-0074)*

27 15 13 00-0086	MLF	1 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,309.20	1,833.98
		For Work In Restricted Working Space, Add	*916.78*	
27 15 13 00-0087	MLF	2 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,633.41	1,899.64
		For Work In Restricted Working Space, Add	*949.82*	
27 15 13 00-0088	MLF	3 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,927.30	1,965.28
		For Work In Restricted Working Space, Add	*982.85*	
27 15 13 00-0089	MLF	4 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	4,234.88	2,033.05
		For Work In Restricted Working Space, Add	*1,016.53*	
27 15 13 00-0090	MLF	5 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	4,647.36	2,170.71
		For Work In Restricted Working Space, Add	*1,085.14*	
27 15 13 00-0091	MLF	6 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	5,034.79	2,306.24
		For Work In Restricted Working Space, Add	*1,152.48*	
27 15 13 00-0092	MLF	8 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	5,555.54	2,579.43
		For Work In Restricted Working Space, Add	*1,289.72*	
27 15 13 00-0093	MLF	12 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	7,340.30	3,399.01
		For Work In Restricted Working Space, Add	*1,699.50*	
27 15 13 00-0094	MLF	24 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	10,882.36	5,021.21
		For Work In Restricted Working Space, Add	*2,510.82*	

27 15 13 00-0095 #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed *(27 15 13 00-0074)*

27 15 13 00-0096	MLF	1 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,952.81	1,637.03
		For Work In Restricted Working Space, Add	*818.94*	
27 15 13 00-0097	MLF	2 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,185.09	1,696.33
		For Work In Restricted Working Space, Add	*848.16*	
27 15 13 00-0098	MLF	3 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,498.02	1,755.62
		For Work In Restricted Working Space, Add	*877.39*	
27 15 13 00-0099	MLF	4 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,771.67	1,814.92
		For Work In Restricted Working Space, Add	*907.88*	
27 15 13 00-0100	MLF	5 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	4,136.80	1,937.75
		For Work In Restricted Working Space, Add	*968.88*	
27 15 13 00-0101	MLF	6 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	4,481.48	2,058.47
		For Work In Restricted Working Space, Add	*1,029.23*	
27 15 13 00-0102	MLF	7 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	4,712.67	2,181.29
		For Work In Restricted Working Space, Add	*1,090.22*	
27 15 13 00-0103	MLF	8 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	4,945.96	2,304.12
		For Work In Restricted Working Space, Add	*1,151.85*	
27 15 13 00-0104	MLF	9 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	5,373.91	2,450.25
		For Work In Restricted Working Space, Add	*1,224.91*	

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27 15 13 00-0105	MLF	12 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	6,533.55	3,034.75
		For Work In Restricted Working Space, Add	*1,517.48*	
27 15 13 00-0106	MLF	24 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	9,685.44	4,483.30
		For Work In Restricted Working Space, Add	*2,241.76*	

27 15 13 00-0107 #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed *(27 15 13 00-0074)*

27 15 13 00-0108	MLF	1 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,559.02	1,442.19
		For Work In Restricted Working Space, Add	*720.46*	
27 15 13 00-0109	MLF	2 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,778.97	1,493.03
		For Work In Restricted Working Space, Add	*746.51*	
27 15 13 00-0110	MLF	3 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,980.06	1,543.85
		For Work In Restricted Working Space, Add	*772.56*	
27 15 13 00-0111	MLF	4 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,188.35	1,596.79
		For Work In Restricted Working Space, Add	*798.61*	
27 15 13 00-0112	MLF	5 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,482.62	1,704.80
		For Work In Restricted Working Space, Add	*852.61*	
27 15 13 00-0113	MLF	6 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,761.83	1,810.69
		For Work In Restricted Working Space, Add	*905.98*	
27 15 13 00-0114	MLF	8 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	4,159.09	2,026.69
		For Work In Restricted Working Space, Add	*1,013.35*	
27 15 13 00-0115	MLF	12 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	5,493.21	2,670.49
		For Work In Restricted Working Space, Add	*1,335.46*	
27 15 13 00-0116	MLF	24 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	8,138.15	3,945.39
		For Work In Restricted Working Space, Add	*1,972.69*	

27 15 13 00-0117 #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed *(27 15 13 00-0074)*

27 15 13 00-0118	MLF	1 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,304.43	1,310.89
		For Work In Restricted Working Space, Add	*655.02*	
27 15 13 00-0119	MLF	2 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,485.75	1,357.49
		For Work In Restricted Working Space, Add	*678.53*	
27 15 13 00-0120	MLF	3 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,651.26	1,405.13
		For Work In Restricted Working Space, Add	*702.04*	
27 15 13 00-0121	MLF	4 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,823.95	1,452.79
		For Work In Restricted Working Space, Add	*726.18*	
27 15 13 00-0122	MLF	5 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,074.88	1,550.20
		For Work In Restricted Working Space, Add	*774.78*	
27 15 13 00-0123	MLF	6 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,314.76	1,647.62
		For Work In Restricted Working Space, Add	*823.39*	
27 15 13 00-0124	MLF	8 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,679.88	1,842.45
		For Work In Restricted Working Space, Add	*921.23*	
27 15 13 00-0125	MLF	12 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	4,847.55	2,429.07
		For Work In Restricted Working Space, Add	*1,214.11*	
27 15 13 00-0126	MLF	24 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	7,179.19	3,587.49
		For Work In Restricted Working Space, Add	*1,793.53*	
27 15 13 00-0127	MLF	25 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	7,456.58	3,672.19
		For Work In Restricted Working Space, Add	*1,836.09*	
27 15 13 00-0128	MLF	36 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	8,763.71	4,275.76
		For Work In Restricted Working Space, Add	*2,137.89*	
27 15 13 00-0129	MLF	40 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	9,389.78	4,576.48
		For Work In Restricted Working Space, Add	*2,288.45*	
27 15 13 00-0130	MLF	50 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	11,527.01	5,720.07
		For Work In Restricted Working Space, Add	*2,859.60*	
27 15 13 00-0131	MLF	100 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	15,372.90	7,530.76
		For Work In Restricted Working Space, Add	*3,764.93*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 13 00-0132		**#22 AWG, Shielded, Low Voltage Cable, Installed Exposed** *(27 15 13 00-0074)*		
27 15 13 00-0133	MLF	1 Pair #22 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,028.59	1,179.59
		For Work In Restricted Working Space, Add	*589.58*	
27 15 13 00-0134	MLF	2 Pair #22 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,121.80	1,221.95
		For Work In Restricted Working Space, Add	*610.55*	
27 15 13 00-0135	MLF	3 Pair #22 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,226.02	1,264.31
		For Work In Restricted Working Space, Add	*632.15*	
27 15 13 00-0136	MLF	4 Pair #22 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,334.67	1,306.66
		For Work In Restricted Working Space, Add	*653.75*	
27 15 13 00-0137	MLF	5 Pair #22 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,524.78	1,395.61
		For Work In Restricted Working Space, Add	*697.59*	
27 15 13 00-0138	MLF	6 Pair #22 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,711.15	1,478.20
		For Work In Restricted Working Space, Add	*739.52*	
27 15 13 00-0139		**Triad, Installed Exposed** *(27 15 13 00-0074)*		
27 15 13 00-0140	MLF	1 Triad, #16 AWG, Stranded, Low Voltage Copper Communication Cable, Installed Exposed	3,003.91	877.81
27 15 13 00-0141	MLF	4 Triad, #20 AWG, Stranded, Low Voltage Copper Communication Cable, Installed Exposed	3,877.34	1,214.54
27 15 13 00-0142	MLF	8 Triad, #20 AWG, Stranded, Low Voltage Copper Communication Cable, Installed Exposed	6,111.44	1,793.74
27 15 13 00-0143	MLF	12 Triad, #20 AWG, Stranded, Low Voltage Copper Communication Cable, Installed Exposed	7,661.07	2,137.88
27 15 13 00-0144	MLF	24 Triad, #20 AWG, Stranded, Low Voltage Copper Communication Cable, Installed Exposed	12,642.52	3,312.18
27 15 13 00-0145	MLF	36 Triad, #20 AWG, Stranded, Low Voltage Copper Communication Cable, Installed Exposed	14,568.31	3,765.38
27 15 13 00-0146		**Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit** *(27 15 13 00-0001)*		
27 15 13 00-0147		**#14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit** *(27 15 13 00-0146)*		
27 15 13 00-0148	MLF	1 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,742.10	916.99
		For Work In Restricted Working Space, Add	*458.39*	
27 15 13 00-0149	MLF	2 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,978.16	949.81
		For Work In Restricted Working Space, Add	*474.91*	
27 15 13 00-0150	MLF	3 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,188.61	982.64
		For Work In Restricted Working Space, Add	*491.43*	
27 15 13 00-0151	MLF	4 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,409.87	1,016.53
		For Work In Restricted Working Space, Add	*508.26*	
27 15 13 00-0152	MLF	5 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,677.48	1,084.29
		For Work In Restricted Working Space, Add	*541.94*	
27 15 13 00-0153	MLF	6 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,928.55	1,152.06
		For Work In Restricted Working Space, Add	*575.93*	
27 15 13 00-0154	MLF	8 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,211.84	1,289.72
		For Work In Restricted Working Space, Add	*644.86*	
27 15 13 00-0155	MLF	12 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	4,248.93	1,699.50
		For Work In Restricted Working Space, Add	*849.75*	
27 15 13 00-0156	MLF	24 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	6,309.34	2,510.61
		For Work In Restricted Working Space, Add	*1,255.41*	
27 15 13 00-0157		**#16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit** *(27 15 13 00-0146)*		
27 15 13 00-0158	MLF	1 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,553.45	818.51
		For Work In Restricted Working Space, Add	*409.47*	
27 15 13 00-0159	MLF	2 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,761.56	848.16
		For Work In Restricted Working Space, Add	*424.08*	
27 15 13 00-0160	MLF	3 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,947.09	877.81
		For Work In Restricted Working Space, Add	*438.69*	
27 15 13 00-0161	MLF	4 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,143.35	907.46
		For Work In Restricted Working Space, Add	*453.94*	
27 15 13 00-0162	MLF	5 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,380.77	967.82
		For Work In Restricted Working Space, Add	*484.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 13 00-0163	MLF	6 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,603.74	1,029.23
		For Work In Restricted Working Space, Add	*514.62*	
27 15 13 00-0164	MLF	7 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,728.96	1,090.65
		For Work In Restricted Working Space, Add	*545.11*	
27 15 13 00-0165	MLF	8 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,915.70	1,152.06
		For Work In Restricted Working Space, Add	*575.93*	
27 15 13 00-0166	MLF	9 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,203.35	1,225.12
		For Work In Restricted Working Space, Add	*612.42*	
27 15 13 00-0167	MLF	12 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,776.45	1,517.38
		For Work In Restricted Working Space, Add	*758.74*	
27 15 13 00-0168	MLF	24 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	5,607.74	2,241.65
		For Work In Restricted Working Space, Add	*1,121.03*	

27 15 13 00-0169 #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit *(27 15 13 00-0146)*

27 15 13 00-0170	MLF	1 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,358.14	720.04
		For Work In Restricted Working Space, Add	*360.23*	
27 15 13 00-0171	MLF	2 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,526.37	746.51
		For Work In Restricted Working Space, Add	*373.25*	
27 15 13 00-0172	MLF	3 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,634.90	772.98
		For Work In Restricted Working Space, Add	*386.28*	
27 15 13 00-0173	MLF	4 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,776.01	798.40
		For Work In Restricted Working Space, Add	*399.31*	
27 15 13 00-0174	MLF	5 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,952.82	852.39
		For Work In Restricted Working Space, Add	*426.30*	
27 15 13 00-0175	MLF	6 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,128.60	906.40
		For Work In Restricted Working Space, Add	*452.99*	
27 15 13 00-0176	MLF	8 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,535.48	1,013.35
		For Work In Restricted Working Space, Add	*506.68*	
27 15 13 00-0177	MLF	12 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,299.60	1,335.25
		For Work In Restricted Working Space, Add	*667.73*	
27 15 13 00-0178	MLF	24 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	4,460.67	1,972.69
		For Work In Restricted Working Space, Add	*986.34*	

27 15 13 00-0179 #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit *(27 15 13 00-0146)*

27 15 13 00-0180	MLF	1 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,202.80	655.45
		For Work In Restricted Working Space, Add	*327.51*	
27 15 13 00-0181	MLF	2 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,320.25	678.74
		For Work In Restricted Working Space, Add	*339.26*	
27 15 13 00-0182	MLF	3 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,550.65	772.98
		For Work In Restricted Working Space, Add	*386.28*	
27 15 13 00-0183	MLF	4 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,695.33	812.59
		For Work In Restricted Working Space, Add	*406.29*	
27 15 13 00-0184	MLF	5 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,837.21	852.39
		For Work In Restricted Working Space, Add	*426.30*	
27 15 13 00-0185	MLF	6 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,991.99	906.40
		For Work In Restricted Working Space, Add	*452.99*	
27 15 13 00-0186	MLF	8 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,196.50	1,008.69
		For Work In Restricted Working Space, Add	*504.45*	
27 15 13 00-0187	MLF	12 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,700.33	1,214.54
		For Work In Restricted Working Space, Add	*607.06*	
27 15 13 00-0188	MLF	24 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	4,004.43	1,793.74
		For Work In Restricted Working Space, Add	*896.76*	
27 15 13 00-0189	MLF	25 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	4,189.95	1,836.10
		For Work In Restricted Working Space, Add	*918.05*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 13 00-0190	MLF	36 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	4,947.53	2,137.88
		For Work In Restricted Working Space, Add	*1,068.94*	
27 15 13 00-0191	MLF	40 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	5,303.48	2,288.24
		For Work In Restricted Working Space, Add	*1,144.22*	
27 15 13 00-0192	MLF	50 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	6,452.73	2,860.04
		For Work In Restricted Working Space, Add	*1,429.80*	
27 15 13 00-0193	MLF	100 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	8,661.77	3,765.38
		For Work In Restricted Working Space, Add	*1,882.47*	
27 15 13 00-0194		**#22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit** *(27 15 13 00-0146)*		
27 15 13 00-0195	MLF	1 Pair #22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,056.29	589.80
		For Work In Restricted Working Space, Add	*294.79*	
27 15 13 00-0196	MLF	2 Pair #22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,118.36	610.97
		For Work In Restricted Working Space, Add	*305.27*	
27 15 13 00-0197	MLF	3 Pair #22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,196.89	632.15
		For Work In Restricted Working Space, Add	*316.08*	
27 15 13 00-0198	MLF	4 Pair #22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,281.69	653.33
		For Work In Restricted Working Space, Add	*326.87*	
27 15 13 00-0199	MLF	5 Pair #22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,400.43	697.80
		For Work In Restricted Working Space, Add	*348.80*	
27 15 13 00-0200	MLF	6 Pair #22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,525.85	739.10
		For Work In Restricted Working Space, Add	*369.76*	
27 15 13 00-0201		**Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed** *(27 15 13 00-0001)*		
27 15 13 00-0202		**#14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed** *(27 15 13 00-0201)*		
27 15 13 00-0203	MLF	1 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,270.06	1,833.98
		For Work In Restricted Working Space, Add	*916.78*	
27 15 13 00-0204	MLF	2 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,561.19	1,899.64
		For Work In Restricted Working Space, Add	*949.82*	
27 15 13 00-0205	MLF	3 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,826.69	1,965.28
		For Work In Restricted Working Space, Add	*982.85*	
27 15 13 00-0206	MLF	4 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	4,104.08	2,033.05
		For Work In Restricted Working Space, Add	*1,016.53*	
27 15 13 00-0207	MLF	5 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	4,483.93	2,168.59
		For Work In Restricted Working Space, Add	*1,083.87*	
27 15 13 00-0208	MLF	6 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	4,848.30	2,304.12
		For Work In Restricted Working Space, Add	*1,151.85*	
27 15 13 00-0209	MLF	8 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	5,361.38	2,579.43
		For Work In Restricted Working Space, Add	*1,289.72*	
27 15 13 00-0210	MLF	12 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	7,081.42	3,399.01
		For Work In Restricted Working Space, Add	*1,699.50*	
27 15 13 00-0211	MLF	24 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	10,494.04	5,021.21
		For Work In Restricted Working Space, Add	*2,510.82*	
27 15 13 00-0212		**#16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed** *(27 15 13 00-0201)*		
27 15 13 00-0213	MLF	1 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,918.35	1,637.03
		For Work In Restricted Working Space, Add	*818.94*	
27 15 13 00-0214	MLF	2 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,175.17	1,696.33
		For Work In Restricted Working Space, Add	*848.16*	
27 15 13 00-0215	MLF	3 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,409.41	1,755.62
		For Work In Restricted Working Space, Add	*877.39*	

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27 15 13 00-0216	MLF	4 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,656.49	1,814.92
		For Work In Restricted Working Space, Add	*907.88*	
27 15 13 00-0217	MLF	5 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,994.50	1,935.63
		For Work In Restricted Working Space, Add	*968.24*	
27 15 13 00-0218	MLF	6 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	4,319.12	2,058.47
		For Work In Restricted Working Space, Add	*1,029.23*	
27 15 13 00-0219	MLF	7 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	4,546.00	2,181.29
		For Work In Restricted Working Space, Add	*1,090.22*	
27 15 13 00-0220	MLF	8 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	4,835.45	2,304.12
		For Work In Restricted Working Space, Add	*1,151.85*	
27 15 13 00-0221	MLF	9 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	5,244.77	2,450.25
		For Work In Restricted Working Space, Add	*1,224.85*	
27 15 13 00-0222	MLF	12 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	6,305.58	3,034.75
		For Work In Restricted Working Space, Add	*1,517.48*	
27 15 13 00-0223	MLF	24 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	9,344.52	4,483.30
		For Work In Restricted Working Space, Add	*2,242.07*	

27 15 13 00-0224 #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed *(27 15 13 00-0201)*

27 15 13 00-0225	MLF	1 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,558.91	1,440.07
		For Work In Restricted Working Space, Add	*720.46*	
27 15 13 00-0226	MLF	2 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,770.56	1,493.03
		For Work In Restricted Working Space, Add	*746.51*	
27 15 13 00-0227	MLF	3 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,922.50	1,545.97
		For Work In Restricted Working Space, Add	*772.56*	
27 15 13 00-0228	MLF	4 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,107.02	1,596.79
		For Work In Restricted Working Space, Add	*798.61*	
27 15 13 00-0229	MLF	5 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,373.85	1,704.80
		For Work In Restricted Working Space, Add	*852.61*	
27 15 13 00-0230	MLF	6 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,638.57	1,812.80
		For Work In Restricted Working Space, Add	*905.98*	
27 15 13 00-0231	MLF	8 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	4,224.39	2,026.69
		For Work In Restricted Working Space, Add	*1,013.35*	
27 15 13 00-0232	MLF	12 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	5,525.37	2,670.49
		For Work In Restricted Working Space, Add	*1,335.46*	
27 15 13 00-0233	MLF	24 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	7,748.48	3,945.39
		For Work In Restricted Working Space, Add	*1,972.69*	

27 15 13 00-0234 #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed *(27 15 13 00-0201)*

27 15 13 00-0235	MLF	1 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,294.50	1,310.89
		For Work In Restricted Working Space, Add	*655.02*	
27 15 13 00-0236	MLF	2 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,451.14	1,357.49
		For Work In Restricted Working Space, Add	*678.53*	
27 15 13 00-0237	MLF	3 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,838.25	1,545.97
		For Work In Restricted Working Space, Add	*772.56*	
27 15 13 00-0238	MLF	4 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,049.63	1,625.17
		For Work In Restricted Working Space, Add	*812.58*	
27 15 13 00-0239	MLF	5 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,258.24	1,704.80
		For Work In Restricted Working Space, Add	*852.61*	
27 15 13 00-0240	MLF	6 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,501.96	1,812.80
		For Work In Restricted Working Space, Add	*905.98*	
27 15 13 00-0241	MLF	8 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,877.99	2,017.38
		For Work In Restricted Working Space, Add	*1,008.90*	
27 15 13 00-0242	MLF	12 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	4,723.85	2,429.07
		For Work In Restricted Working Space, Add	*1,214.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 13 00-0243	MLF	24 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	6,993.64	3,587.49
		For Work In Restricted Working Space, Add	*1,793.53*	
27 15 13 00-0244	MLF	25 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	7,250.09	3,672.19
		For Work In Restricted Working Space, Add	*1,836.09*	
27 15 13 00-0245	MLF	36 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	8,510.68	4,275.76
		For Work In Restricted Working Space, Add	*2,137.89*	
27 15 13 00-0246	MLF	40 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	9,117.56	4,576.48
		For Work In Restricted Working Space, Add	*2,288.45*	
27 15 13 00-0247	MLF	50 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	11,218.73	5,720.07
		For Work In Restricted Working Space, Add	*2,859.60*	
27 15 13 00-0248	MLF	100 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	14,936.65	7,530.76
		For Work In Restricted Working Space, Add	*3,764.93*	
27 15 13 00-0249		**#22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed** *(27 15 13 00-0201)*		
27 15 13 00-0250	MLF	1 Pair #22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,038.93	1,179.59
		For Work In Restricted Working Space, Add	*589.58*	
27 15 13 00-0251	MLF	2 Pair #22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,135.95	1,221.95
		For Work In Restricted Working Space, Add	*610.55*	
27 15 13 00-0252	MLF	3 Pair #22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,250.48	1,264.31
		For Work In Restricted Working Space, Add	*632.15*	
27 15 13 00-0253	MLF	4 Pair #22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,371.29	1,306.66
		For Work In Restricted Working Space, Add	*653.75*	
27 15 13 00-0254	MLF	5 Pair #22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,563.09	1,395.61
		For Work In Restricted Working Space, Add	*697.59*	
27 15 13 00-0255	MLF	6 Pair #22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,758.40	1,478.20
		For Work In Restricted Working Space, Add	*739.52*	
27 15 13 00-0256		**Solid, Shielded, Low Voltage, Alarm And Communications Cable, Buried In Trench** *(27 15 13 00-0001)*		
		Note: Excludes excavation.		
27 15 13 00-0257	MLF	1 Pair, #14 AWG, Solid, Shielded, Low Voltage, Alarm And Communications Cable, Buried In Trench	1,656.79	
27 15 13 00-0258	MLF	2 Pair, #14 AWG, Solid, Shielded, Low Voltage, Alarm And Communications Cable, Buried In Trench	1,920.13	
27 15 13 00-0259	MLF	3 Pair, #14 AWG, Solid, Shielded, Low Voltage, Alarm And Communications Cable, Buried In Trench	2,154.45	
27 15 13 00-0260	MLF	4 Pair, #14 AWG, Solid, Shielded, Low Voltage, Alarm And Communications Cable, Buried In Trench	2,401.84	
27 15 13 00-0261	MLF	5 Pair, #14 AWG, Solid, Shielded, Low Voltage, Alarm And Communications Cable, Buried In Trench	2,690.34	
27 15 13 00-0262	MLF	6 Pair, #14 AWG, Solid, Shielded, Low Voltage, Alarm And Communications Cable, Buried In Trench	2,956.98	
27 15 13 00-0263		**Solid, Shielded, Low Voltage, Alarm And Communications Cable, Installed On Poles (Aerial)** *(27 15 13 00-0001)*		
27 15 13 00-0264	MLF	1 Pair, #14 AWG, Solid, Shielded, Low Voltage, Alarm And Communications Cable, Installed On Poles (Aerial)	1,752.11	570.56
27 15 13 00-0265	MLF	2 Pair, #14 AWG, Solid, Shielded, Low Voltage, Alarm And Communications Cable, Installed On Poles (Aerial)	2,073.26	611.27
27 15 13 00-0266	MLF	3 Pair, #14 AWG, Solid, Shielded, Low Voltage, Alarm And Communications Cable, Installed On Poles (Aerial)	2,681.16	772.77
27 15 13 00-0267	MLF	4 Pair, #14 AWG, Solid, Shielded, Low Voltage, Alarm And Communications Cable, Installed On Poles (Aerial)	3,194.51	893.80
27 15 13 00-0268	MLF	5 Pair, #14 AWG, Solid, Shielded, Low Voltage, Alarm And Communications Cable, Installed On Poles (Aerial)	10,477.77	1,018.74
27 15 13 00-0269	MLF	6 Pair, #14 AWG, Solid, Shielded, Low Voltage, Alarm And Communications Cable, Installed On Poles (Aerial)	12,454.63	1,301.51
27 15 13 00-0270		**Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit** *(27 15 13 00-0001)*		
27 15 13 00-0271	MLF	1 Pair #16 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,585.27	818.51
27 15 13 00-0272	MLF	2 Pair #16 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,933.38	848.16
27 15 13 00-0273	MLF	3 Pair #16 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,177.53	877.81
27 15 13 00-0274	MLF	4 Pair #16 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,306.33	907.46
27 15 13 00-0275	MLF	5 Pair #16 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,784.30	967.82
27 15 13 00-0276	MLF	6 Pair #16 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,014.85	1,029.23
27 15 13 00-0277	MLF	8 Pair #16 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,790.97	1,152.06
27 15 13 00-0278	MLF	12 Pair #16 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	4,698.20	1,517.38

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 13 00-0279	MLF	24 Pair #16 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	7,141.36	2,241.65
27 15 13 00-0280	MLF	1 Pair #18 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,367.84	720.04
27 15 13 00-0281	MLF	2 Pair #18 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,653.47	746.51
27 15 13 00-0282	MLF	3 Pair #18 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,889.21	772.98
27 15 13 00-0283	MLF	4 Pair #18 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,004.35	798.40
27 15 13 00-0284	MLF	5 Pair #18 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,412.41	852.39
27 15 13 00-0285	MLF	6 Pair #18 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,715.77	906.40
27 15 13 00-0286	MLF	8 Pair #18 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,068.86	1,013.35
27 15 13 00-0287	MLF	12 Pair #18 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,961.91	1,335.25
27 15 13 00-0288	MLF	24 Pair #18 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	6,350.50	1,972.69
27 15 13 00-0289	MLF	1 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,206.06	655.45
27 15 13 00-0290	MLF	2 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,386.61	678.74
27 15 13 00-0291	MLF	3 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,561.52	702.03
27 15 13 00-0292	MLF	4 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,670.83	726.39
27 15 13 00-0293	MLF	5 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,821.44	775.10
27 15 13 00-0294	MLF	6 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,991.75	823.81
27 15 13 00-0295	MLF	8 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,230.85	921.23
27 15 13 00-0296	MLF	12 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,083.88	1,214.54
27 15 13 00-0297	MLF	24 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	4,692.52	1,793.74
27 15 13 00-0298	MLF	25 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	4,955.56	1,836.10
27 15 13 00-0299	MLF	36 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	5,855.14	2,137.88
27 15 13 00-0300	MLF	40 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	6,312.99	2,288.24
27 15 13 00-0301	MLF	50 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	7,595.96	2,860.04
27 15 13 00-0302	MLF	100 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	10,279.55	3,765.38
27 15 13 00-0303	MLF	250 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	19,918.99	6,935.67
27 15 13 00-0304	MLF	500 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	30,222.62	9,178.38
27 15 13 00-0305	MLF	750 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	40,555.36	11,566.15
27 15 13 00-0306	MLF	1200 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	57,165.52	15,865.21
27 15 13 00-0307	MLF	1 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,164.86	655.45
27 15 13 00-0308	MLF	2 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,294.46	678.74
27 15 13 00-0309	MLF	3 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,420.47	702.03
27 15 13 00-0310	MLF	4 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,504.89	726.39
27 15 13 00-0311	MLF	5 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,630.61	775.10
27 15 13 00-0312	MLF	6 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,768.54	823.81
27 15 13 00-0313	MLF	8 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,980.25	921.23
27 15 13 00-0314	MLF	12 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,701.81	1,214.54
27 15 13 00-0315	MLF	24 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	4,078.78	1,793.74
27 15 13 00-0316	MLF	25 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	4,272.61	1,836.10
27 15 13 00-0317	MLF	36 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	5,048.92	2,137.88
27 15 13 00-0318	MLF	40 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	5,412.57	2,288.24
27 15 13 00-0319	MLF	50 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	6,576.25	2,860.04
27 15 13 00-0320	MLF	100 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	8,836.59	3,765.38

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 13 00-0321	MLF	250 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	16,865.29	6,935.67
27 15 13 00-0322	MLF	500 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	24,831.26	9,178.38
27 15 13 00-0323	MLF	750 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	32,870.57	11,566.15
27 15 13 00-0324	MLF	1200 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	46,071.11	15,865.21

27 15 13 00-0325 Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit *(27 15 13 00-0001)*

27 15 13 00-0326	MLF	1 Pair #16 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,610.42	818.51
27 15 13 00-0327	MLF	2 Pair #16 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,853.86	848.16
27 15 13 00-0328	MLF	3 Pair #16 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,004.17	877.81
27 15 13 00-0329	MLF	4 Pair #16 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,206.34	907.46
27 15 13 00-0330	MLF	5 Pair #16 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,444.52	967.82
27 15 13 00-0331	MLF	6 Pair #16 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,680.58	1,029.23
27 15 13 00-0332	MLF	8 Pair #16 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,240.54	1,152.06
27 15 13 00-0333	MLF	12 Pair #16 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	4,206.05	1,517.38
27 15 13 00-0334	MLF	24 Pair #16 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	6,276.76	2,241.65
27 15 13 00-0335	MLF	1 Pair #18 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,409.48	720.04
27 15 13 00-0336	MLF	2 Pair #18 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,618.40	746.51
27 15 13 00-0337	MLF	3 Pair #18 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,748.18	772.98
27 15 13 00-0338	MLF	4 Pair #18 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,921.15	798.40
27 15 13 00-0339	MLF	5 Pair #18 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,126.28	852.39
27 15 13 00-0340	MLF	6 Pair #18 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,330.38	906.40
27 15 13 00-0341	MLF	8 Pair #18 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,811.59	1,013.35
27 15 13 00-0342	MLF	12 Pair #18 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,650.70	1,335.25
27 15 13 00-0343	MLF	24 Pair #18 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	5,446.79	1,972.69
27 15 13 00-0344	MLF	1 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,239.03	655.45
27 15 13 00-0345	MLF	2 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,418.74	678.74
27 15 13 00-0346	MLF	3 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,544.29	702.03
27 15 13 00-0347	MLF	4 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,773.14	726.39
27 15 13 00-0348	MLF	5 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,972.54	775.10
27 15 13 00-0349	MLF	6 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,358.49	823.81
27 15 13 00-0350	MLF	8 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,636.04	921.23
27 15 13 00-0351	MLF	12 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,327.38	1,214.54
27 15 13 00-0352	MLF	24 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	5,021.19	1,793.74
27 15 13 00-0353	MLF	25 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	5,320.11	1,836.10
27 15 13 00-0354	MLF	36 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	6,332.59	2,137.88
27 15 13 00-0355	MLF	40 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	6,793.61	2,288.24
27 15 13 00-0356	MLF	50 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	8,140.24	2,860.04
27 15 13 00-0357	MLF	100 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	11,049.78	3,765.38
27 15 13 00-0358	MLF	250 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	21,549.74	6,935.67
27 15 13 00-0359	MLF	500 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	33,101.40	9,178.38
27 15 13 00-0360	MLF	750 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	44,658.23	11,566.15
27 15 13 00-0361	MLF	1200 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	63,088.72	15,864.14

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 13 00-0362	MLF	1 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,185.94	655.45
27 15 13 00-0363	MLF	2 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,315.02	678.74
27 15 13 00-0364	MLF	3 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,409.46	702.03
27 15 13 00-0365	MLF	4 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,570.34	726.39
27 15 13 00-0366	MLF	5 Pair #22 AWG, Solid, Low Voltage, Plenum Rated, Non-Shielded, Installed In Conduit	1,727.27	775.10
27 15 13 00-0367	MLF	6 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,003.15	823.81
27 15 13 00-0368	MLF	8 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,239.45	921.23
27 15 13 00-0369	MLF	12 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,857.57	1,214.54
27 15 13 00-0370	MLF	24 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	4,289.02	1,793.74
27 15 13 00-0371	MLF	25 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	4,505.80	1,836.10
27 15 13 00-0372	MLF	36 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	5,334.68	2,137.88
27 15 13 00-0373	MLF	40 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	5,720.02	2,288.24
27 15 13 00-0374	MLF	50 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	6,924.42	2,860.04
27 15 13 00-0375	MLF	100 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	9,329.28	3,765.38
27 15 13 00-0376	MLF	250 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	17,908.37	6,935.67
27 15 13 00-0377	MLF	500 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	26,672.83	9,178.38
27 15 13 00-0378	MLF	750 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	35,495.64	11,566.15
27 15 13 00-0379	MLF	1200 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	49,861.10	15,865.21

27 15 13 00-0380 Copper Telecommunications Cable *(27 15 13)*

27 15 13 00-0381 Indoor Telecommunications Cable *(27 15 13 00-0380)*

Note: Shielded twisted pair cables (STP) includes a metallic foil wrap. Un-shielded twisted pair cables (UTP) excludes any shielding.

27 15 13 00-0382 Category 3, Indoor Telecommunications Cable *(27 15 13 00-0381)*

Note: Un-shielded twisted pair cables (UTP).

27 15 13 00-0383 Category 3, Indoor Telecommunications Riser Cable *(27 15 13 00-0382)*

27 15 13 00-0384 24 AWG, Category 3, Indoor Telecommunications Riser Cable *(27 15 13 00-0383)*

27 15 13 00-0385 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit *(27 15 13 00-0384)*

27 15 13 00-0386	MLF	2-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	918.91	486.80
27 15 13 00-0387	MLF	3-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	964.82	486.80
27 15 13 00-0388	MLF	4-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	981.05	486.80
27 15 13 00-0389	MLF	6-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	1,188.29	556.34
27 15 13 00-0390	MLF	12-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	1,526.26	556.34
27 15 13 00-0391	MLF	25-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	2,062.89	556.34
27 15 13 00-0392	MLF	50-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	3,309.33	695.42
27 15 13 00-0393	MLF	100-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	6,000.31	1,112.67
27 15 13 00-0394	MLF	150-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	8,151.54	1,251.75
27 15 13 00-0395	MLF	200-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	10,859.36	1,390.85
27 15 13 00-0396	MLF	300-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	15,892.51	1,947.18
27 15 13 00-0397	MLF	400-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	20,845.75	2,406.16
27 15 13 00-0398	MLF	600-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	33,082.47	3,338.03
27 15 13 00-0399	MLF	900-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	53,601.83	6,676.04
27 15 13 00-0400	MLF	1,200-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	72,775.11	10,014.06

27 15 13 00-0401 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed *(27 15 13 00-0384)*

27 15 13 00-0402	MLF	2-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	1,730.23	973.59
		For Work In Restricted Working Space, Add	*486.80*	
27 15 13 00-0403	MLF	3-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	1,776.14	973.59
		For Work In Restricted Working Space, Add	*486.80*	
27 15 13 00-0404	MLF	4-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	1,792.37	973.59
		For Work In Restricted Working Space, Add	*486.80*	
27 15 13 00-0405	MLF	6-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	1,883.72	973.59
		For Work In Restricted Working Space, Add	*486.80*	
27 15 13 00-0406	MLF	12-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	2,221.69	973.59
		For Work In Restricted Working Space, Add	*486.80*	
27 15 13 00-0407	MLF	25-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	2,990.13	1,112.67
		For Work In Restricted Working Space, Add	*556.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 13 00-0408	MLF	50-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	4,468.36	1,390.85
		For Work In Restricted Working Space, Add	*695.42*	
27 15 13 00-0409	MLF	100-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	6,927.53	1,669.01
		For Work In Restricted Working Space, Add	*834.50*	
27 15 13 00-0410	MLF	150-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	9,194.67	1,877.64
		For Work In Restricted Working Space, Add	*938.82*	
27 15 13 00-0411	MLF	200-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	12,018.40	2,086.26
		For Work In Restricted Working Space, Add	*1,043.13*	
27 15 13 00-0412	MLF	300-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	17,515.16	2,920.77
		For Work In Restricted Working Space, Add	*1,460.39*	
27 15 13 00-0413	MLF	400-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	22,862.47	3,616.19
		For Work In Restricted Working Space, Add	*1,808.09*	
27 15 13 00-0414	MLF	600-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	35,864.15	5,007.03
		For Work In Restricted Working Space, Add	*2,503.52*	
27 15 13 00-0415	MLF	900-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	59,165.20	10,014.06
		For Work In Restricted Working Space, Add	*5,007.03*	
27 15 13 00-0416	MLF	1,200-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	81,120.17	15,021.10
		For Work In Restricted Working Space, Add	*7,510.55*	

27 15 13 00-0417 22 AWG, Category 3, Indoor Telecommunications Riser Cable *(27 15 13 00-0383)*

27 15 13 00-0418 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit *(27 15 13 00-0417)*

27 15 13 00-0419	MLF	25-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	3,399.51	556.34
27 15 13 00-0420	MLF	50-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	5,083.49	695.42
27 15 13 00-0421	MLF	100-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	9,307.51	1,112.67
27 15 13 00-0422	MLF	200-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	16,619.88	1,390.85
27 15 13 00-0423	MLF	300-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	24,459.26	1,947.18
27 15 13 00-0424	MLF	400-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	31,879.53	2,406.16
27 15 13 00-0425	MLF	600-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	47,301.14	3,338.03

27 15 13 00-0426 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed *(27 15 13 00-0417)*

27 15 13 00-0427	MLF	25-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	4,326.75	1,112.67
		For Work In Restricted Working Space, Add	*556.34*	
27 15 13 00-0428	MLF	50-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	6,242.52	1,390.85
		For Work In Restricted Working Space, Add	*695.42*	
27 15 13 00-0429	MLF	100-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	10,234.73	1,669.01
		For Work In Restricted Working Space, Add	*834.50*	
27 15 13 00-0430	MLF	200-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	17,778.92	2,086.26
		For Work In Restricted Working Space, Add	*1,043.13*	
27 15 13 00-0431	MLF	300-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	26,081.91	2,920.77
		For Work In Restricted Working Space, Add	*1,460.39*	
27 15 13 00-0432	MLF	400-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	33,896.25	3,616.19
		For Work In Restricted Working Space, Add	*1,808.09*	
27 15 13 00-0433	MLF	600-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	50,082.82	5,007.03
		For Work In Restricted Working Space, Add	*2,503.52*	

27 15 13 00-0434 Category 3, Indoor Telecommunications Plenum Cable *(27 15 13 00-0382)*

27 15 13 00-0435 24 AWG, Category 3, Indoor Telecommunications Plenum Cable *(27 15 13 00-0434)*

27 15 13 00-0436 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit *(27 15 13 00-0435)*

27 15 13 00-0437	MLF	2-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit	956.04	486.80
27 15 13 00-0438	MLF	3-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit	1,001.77	486.80
27 15 13 00-0439	MLF	4-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit	1,035.96	486.80
27 15 13 00-0440	MLF	6-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit	1,249.96	556.34
27 15 13 00-0441	MLF	12-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit	1,618.36	556.34
27 15 13 00-0442	MLF	25-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit	2,617.00	556.34
27 15 13 00-0443	MLF	50-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit	4,437.45	695.42
27 15 13 00-0444	MLF	100-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit	8,364.01	1,112.67
27 15 13 00-0445	MLF	200-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit	14,563.42	1,390.85
27 15 13 00-0446	MLF	300-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit	21,845.47	1,947.18

27 15 13 00-0447 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed *(27 15 13 00-0435)*

27 15 13 00-0448	MLF	2-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed	1,767.36	973.59
		For Work In Restricted Working Space, Add	*486.80*	
27 15 13 00-0449	MLF	3-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed	1,813.09	973.59
		For Work In Restricted Working Space, Add	*486.80*	
27 15 13 00-0450	MLF	4-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed	1,847.28	973.59
		For Work In Restricted Working Space, Add	*486.80*	
27 15 13 00-0451	MLF	6-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed	1,945.39	973.59
		For Work In Restricted Working Space, Add	*486.80*	
27 15 13 00-0452	MLF	12-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed	2,313.79	973.59
		For Work In Restricted Working Space, Add	*486.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 13 00-0453	MLF	25-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed	3,544.24	1,112.67
		For Work In Restricted Working Space, Add	*556.34*	
27 15 13 00-0454	MLF	50-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed	5,596.48	1,390.85
		For Work In Restricted Working Space, Add	*695.42*	
27 15 13 00-0455	MLF	100-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed	9,291.23	1,669.01
		For Work In Restricted Working Space, Add	*834.50*	
27 15 13 00-0456	MLF	200-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed	15,722.46	2,086.26
		For Work In Restricted Working Space, Add	*1,043.13*	
27 15 13 00-0457	MLF	300-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed	23,468.12	2,920.77
		For Work In Restricted Working Space, Add	*1,460.39*	
27 15 13 00-0458		Category 5E, Indoor Telecommunications Cable *(27 15 13 00-0381)*		
27 15 13 00-0459		Category 5E, Indoor Telecommunications Riser Cable *(27 15 13 00-0458)*		
27 15 13 00-0460		Category 5E, Indoor Telecommunications Riser Cable, Installed In Conduit *(27 15 13 00-0459)*		
27 15 13 00-0461	MLF	4-Pair Solid UTP, 24 AWG, Category 5E, Indoor Telecommunications Riser Cable, Installed In Conduit	942.04	486.80
27 15 13 00-0462	MLF	4-Pair Stranded UTP, 24 AWG, Category 5E, Indoor Telecommunications Riser Cable, Installed In Conduit	972.66	486.80
27 15 13 00-0463	MLF	4-Pair Solid STP, 24 AWG, Category 5E, Indoor Telecommunications Riser Cable, Installed In Conduit	1,089.13	556.34
27 15 13 00-0464	MLF	4-Pair Stranded STP, 24 AWG, Category 5E, Indoor Telecommunications Riser Cable, Installed In Conduit	1,119.74	556.34
27 15 13 00-0465		Category 5E, Indoor Telecommunications Riser Cable, Installed Exposed *(27 15 13 00-0459)*		
27 15 13 00-0466	MLF	4-Pair Solid UTP, 24 AWG, Category 5E, Indoor Telecommunications Riser Cable, Installed Exposed	1,753.36	973.59
		For Work In Restricted Working Space, Add	*486.80*	
27 15 13 00-0467	MLF	4-Pair Stranded UTP, 24 AWG, Category 5E, Indoor Telecommunications Riser Cable, Installed Exposed	1,783.98	973.59
		For Work In Restricted Working Space, Add	*486.80*	
27 15 13 00-0468	MLF	4-Pair Solid STP, 24 AWG, Category 5E, Indoor Telecommunications Riser Cable, Installed Exposed	2,016.37	1,112.67
		For Work In Restricted Working Space, Add	*556.34*	
27 15 13 00-0469	MLF	4-Pair Stranded STP, 24 AWG, Category 5E, Indoor Telecommunications Riser Cable, Installed Exposed	2,046.98	1,112.67
		For Work In Restricted Working Space, Add	*556.34*	
27 15 13 00-0470		Category 5E, Indoor Telecommunications Plenum Cable *(27 15 13 00-0458)*		
27 15 13 00-0471		Category 5E, Indoor Telecommunications Plenum Cable, Installed In Conduit *(27 15 13 00-0470)*		
27 15 13 00-0472	MLF	4-Pair Solid UTP, 24 AWG, Category 5E, Indoor Telecommunications Plenum Cable, Installed In Conduit	1,054.63	486.80
27 15 13 00-0473	MLF	4-Pair Solid STP, 24 AWG, Category 5E, Indoor Telecommunications Plenum Cable, Installed In Conduit	1,409.75	556.34
27 15 13 00-0474		Category 5E, Indoor Telecommunications Plenum Cable, Installed Exposed *(27 15 13 00-0470)*		
27 15 13 00-0475	MLF	4-Pair Solid UTP, 24 AWG, Category 5E, Indoor Telecommunications Plenum Cable, Installed Exposed	1,865.95	973.59
		For Work In Restricted Working Space, Add	*486.80*	
27 15 13 00-0476	MLF	4-Pair Solid STP, 24 AWG, Category 5E, Indoor Telecommunications Plenum Cable, Installed Exposed	2,336.99	1,112.67
		For Work In Restricted Working Space, Add	*556.34*	
27 15 13 00-0477		Category 6, Indoor Telecommunications Cable *(27 15 13 00-0381)*		
27 15 13 00-0478		Category 6, Indoor Telecommunications Riser Cable *(27 15 13 00-0477)*		
27 15 13 00-0479		Category 6, Indoor Telecommunications Riser Cable, Installed In Conduit *(27 15 13 00-0478)*		
27 15 13 00-0480	MLF	4-Pair Solid UTP, 23 AWG, Category 6, Indoor Telecommunications Riser Cable, Installed In Conduit	1,165.95	486.80
27 15 13 00-0481	MLF	4-Pair Stranded UTP, 23 AWG, Category 6, Indoor Telecommunications Riser Cable, Installed In Conduit	1,205.61	486.80
27 15 13 00-0482		Category 6, Indoor Telecommunications Riser Cable, Installed Exposed *(27 15 13 00-0478)*		
27 15 13 00-0483	MLF	4-Pair Solid UTP, 23 AWG, Category 6, Indoor Telecommunications Riser Cable, Installed Exposed	1,977.27	973.59
		For Work In Restricted Working Space, Add	*486.80*	
27 15 13 00-0484	MLF	4-Pair Stranded UTP, 23 AWG, Category 6, Indoor Telecommunications Riser Cable, Installed Exposed	2,016.93	973.59
		For Work In Restricted Working Space, Add	*486.80*	
27 15 13 00-0485		Category 6, Indoor Telecommunications Plenum Cable *(27 15 13 00-0477)*		
27 15 13 00-0486		Category 6, Indoor Telecommunications Plenum Cable, Installed In Conduit *(27 15 13 00-0485)*		
27 15 13 00-0487	MLF	4-Pair Solid UTP, 23 AWG, Category 6, Indoor Telecommunications Plenum Cable, Installed In Conduit	1,404.72	486.80
27 15 13 00-0488		Category 6, Indoor Telecommunications Plenum Cable, Installed Exposed *(27 15 13 00-0485)*		
27 15 13 00-0489	MLF	4-Pair Solid UTP, 23 AWG, Category 6, Indoor Telecommunications Plenum Cable, Installed Exposed	2,216.04	973.59
		For Work In Restricted Working Space, Add	*486.80*	
27 15 13 00-0490		Category 6A, Indoor Telecommunications Cable *(27 15 13 00-0381)*		
27 15 13 00-0491		Category 6a, Indoor Telecommunications Riser Cable *(27 15 13 00-0490)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 13 00-0492		Category 6a Indoor Telecommunications Riser Cable, Installed In Conduit *(27 15 13 00-0491)*		
27 15 13 00-0493	MLF	4-Pair Solid UTP, 23 AWG, Category 6A, Indoor Telecommunications Riser Cable, Installed In Conduit	1,229.31	486.80
27 15 13 00-0494		Category 6a, Indoor Telecommunications Riser Cable, Installed Exposed *(27 15 13 00-0491)*		
27 15 13 00-0495	MLF	4-Pair Solid UTP, 23 AWG, Category 6A, Indoor Telecommunications Riser Cable, Installed Exposed	2,040.63	973.59
		For Work In Restricted Working Space, Add	*486.80*	
27 15 13 00-0496		Category 6A, Indoor Telecommunications Plenum Cable *(27 15 13 00-0490)*		
27 15 13 00-0497		Category 6A, Indoor Telecommunications Plenum Cable, Installed In Conduit *(27 15 13 00-0496)*		
27 15 13 00-0498	MLF	4-Pair Solid UTP, 23 AWG, Category 6A, Indoor Telecommunications Plenum Cable, Installed In Conduit	1,558.94	486.80
27 15 13 00-0499		Category 6a, Indoor Telecommunications Plenum Cable, Installed Exposed *(27 15 13 00-0496)*		
27 15 13 00-0500	MLF	4-Pair Solid UTP, 23 AWG, Category 6A, Indoor Telecommunications Plenum Cable, Installed Exposed	2,370.26	973.59
		For Work In Restricted Working Space, Add	*486.80*	
27 15 13 00-0501		Category 7, Indoor Telecommunications Cable *(27 15 13 00-0381)*		
27 15 13 00-0502		Category 7, Indoor Telecommunications Cable, Installed In Conduit *(27 15 13 00-0501)*		
27 15 13 00-0503	MLF	4-Pair Solid STP, 22 AWG, Category 7, Indoor Telecommunications Riser Cable, Installed In Conduit	2,538.56	556.34
27 15 13 00-0504	MLF	4-Pair Solid STP, 22 AWG, Category 7, Indoor Telecommunications Plenum Cable, Installed In Conduit	4,162.21	556.34
27 15 13 00-0505		Category 7, Indoor Telecommunications Cable, Installed Exposed *(27 15 13 00-0501)*		
27 15 13 00-0506	MLF	4-Pair Solid STP, 22 AWG, Category 7, Indoor Telecommunications Riser Cable, Installed Exposed	3,465.80	1,112.67
		For Work In Restricted Working Space, Add	*556.34*	
27 15 13 00-0507	MLF	4-Pair Solid STP, 22 AWG, Category 7, Indoor Telecommunications Plenum Cable, Installed Exposed	5,089.45	1,112.67
		For Work In Restricted Working Space, Add	*556.34*	
27 15 13 00-0508		Outdoor Telecommunications Cable *(27 15 13 00-0380)* Note: Cable buried in trench excludes excavation.		
27 15 13 00-0509		PE-89 Outdoor Telecommunications Cable *(27 15 13 00-0508)* Note: Includes foam-skin polyolefin insulated conductors.		
27 15 13 00-0510		24 AWG, PE-89 Outdoor Telecommunications Cable *(27 15 13 00-0509)*		
27 15 13 00-0511		24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit *(27 15 13 00-0510)*		
27 15 13 00-0512	MLF	6-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	1,796.20	556.34
27 15 13 00-0513	MLF	12-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	2,163.75	973.59
27 15 13 00-0514	MLF	25-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	3,071.44	625.88
27 15 13 00-0515	MLF	50-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	4,695.74	695.42
27 15 13 00-0516	MLF	75-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	6,658.59	973.59
27 15 13 00-0517	MLF	100-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	8,393.14	1,112.67
27 15 13 00-0518	MLF	200-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	14,493.83	1,251.75
27 15 13 00-0519	MLF	300-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	21,310.45	1,808.10
27 15 13 00-0520	MLF	400-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	28,241.28	2,364.44
27 15 13 00-0521	MLF	600-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	38,355.96	3,198.93
27 15 13 00-0522	MLF	900-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	60,405.48	6,397.87
27 15 13 00-0523	MLF	1,200-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	82,474.51	9,457.72
27 15 13 00-0524		24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench *(27 15 13 00-0510)*		
27 15 13 00-0525	MLF	6-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	1,622.35	
27 15 13 00-0526	MLF	12-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	1,989.90	
27 15 13 00-0527	MLF	25-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	2,839.64	
27 15 13 00-0528	MLF	50-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	4,463.92	
27 15 13 00-0529	MLF	75-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	6,310.88	
27 15 13 00-0530	MLF	100-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	7,813.62	
27 15 13 00-0531	MLF	200-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	14,262.03	
27 15 13 00-0532	MLF	300-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	20,615.02	
27 15 13 00-0533	MLF	400-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	26,792.49	
27 15 13 00-0534	MLF	600-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	35,806.08	
27 15 13 00-0535	MLF	900-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	53,451.26	
27 15 13 00-0536	MLF	1,200-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	72,275.00	
27 15 13 00-0537		22 AWG, PE-89 Outdoor Telecommunications Cable *(27 15 13 00-0509)*		
27 15 13 00-0538		22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit *(27 15 13 00-0537)*		
27 15 13 00-0539	MLF	6-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	2,029.87	556.34
27 15 13 00-0540	MLF	12-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	2,600.31	556.34

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 13 00-0541	MLF	25-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	3,965.04	625.88
27 15 13 00-0542	MLF	50-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	6,286.24	695.42
27 15 13 00-0543	MLF	75-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	9,144.10	973.59
27 15 13 00-0544	MLF	100-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	11,772.13	1,112.67
27 15 13 00-0545	MLF	200-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	21,012.37	1,251.75
27 15 13 00-0546	MLF	300-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	30,607.20	1,808.10
27 15 13 00-0547	MLF	400-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	40,774.10	2,364.44
27 15 13 00-0548	MLF	600-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	60,242.21	3,198.93
27 15 13 00-0549	MLF	900-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	88,046.01	6,397.87
27 15 13 00-0550	MLF	1,200-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	123,827.28	9,457.72
27 15 13 00-0551		22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench *(27 15 13 00-0537)*		
27 15 13 00-0552	MLF	6-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	1,856.02	
27 15 13 00-0553	MLF	12-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	2,426.46	
27 15 13 00-0554	MLF	25-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	3,733.24	
27 15 13 00-0555	MLF	50-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	6,054.42	
27 15 13 00-0556	MLF	75-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	8,796.39	
27 15 13 00-0557	MLF	100-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	11,424.41	
27 15 13 00-0558	MLF	200-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	20,780.57	
27 15 13 00-0559	MLF	300-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	29,911.77	
27 15 13 00-0560	MLF	400-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	39,325.31	
27 15 13 00-0561	MLF	600-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	57,692.33	
27 15 13 00-0562	MLF	900-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	81,091.79	
27 15 13 00-0563	MLF	1,200-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	113,627.77	
27 15 13 00-0564		19 AWG, PE-89 Outdoor Telecommunications Cable *(27 15 13 00-0509)*		
27 15 13 00-0565		19 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit *(27 15 13 00-0564)*		
27 15 13 00-0566	MLF	25-Pair 19 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	6,719.81	625.88
27 15 13 00-0567	MLF	50-Pair 19 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	11,670.93	695.42
27 15 13 00-0568	MLF	75-Pair 19 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	18,722.48	973.59
27 15 13 00-0569	MLF	100-Pair 19 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	22,437.65	1,112.67
27 15 13 00-0570		19 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench *(27 15 13 00-0564)*		
27 15 13 00-0571	MLF	25-Pair 19 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	6,488.01	
27 15 13 00-0572	MLF	50-Pair 19 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	11,439.11	
27 15 13 00-0573	MLF	75-Pair 19 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	18,374.77	
27 15 13 00-0574	MLF	100-Pair 19 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	22,089.93	
27 15 13 00-0575		PE-39 Outdoor Telecommunications Cable *(27 15 13 00-0508)* Note: Includes solid polyolefin insulated conductors.		
27 15 13 00-0576		24 AWG, PE-39 Outdoor Telecommunications Cable *(27 15 13 00-0575)*		
27 15 13 00-0577		24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit *(27 15 13 00-0576)*		
27 15 13 00-0578	MLF	6-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	2,524.49	973.59
27 15 13 00-0579	MLF	12-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	2,974.15	973.59
27 15 13 00-0580	MLF	25-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	3,881.33	973.59
27 15 13 00-0581	MLF	50-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	5,514.97	973.59
27 15 13 00-0582	MLF	100-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	8,828.25	973.59
27 15 13 00-0583	MLF	200-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	16,019.06	1,251.75
27 15 13 00-0584	MLF	300-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	23,390.93	1,808.10
27 15 13 00-0585	MLF	400-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	30,776.32	2,364.44
27 15 13 00-0586	MLF	600-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	42,057.31	3,198.93
27 15 13 00-0587	MLF	900-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	65,192.25	6,397.87
27 15 13 00-0588	MLF	1,200-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	94,889.46	9,457.72
27 15 13 00-0589		24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench *(27 15 13 00-0576)*		
27 15 13 00-0590	MLF	6-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	2,176.78	
27 15 13 00-0591	MLF	12-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	2,626.44	
27 15 13 00-0592	MLF	25-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	3,533.62	
27 15 13 00-0593	MLF	50-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	5,167.26	
27 15 13 00-0594	MLF	100-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	8,480.54	
27 15 13 00-0595	MLF	200-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	15,787.26	
27 15 13 00-0596	MLF	300-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	22,695.50	
27 15 13 00-0597	MLF	400-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	29,327.53	
27 15 13 00-0598	MLF	600-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	39,507.43	
27 15 13 00-0599	MLF	900-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	58,238.03	
27 15 13 00-0600	MLF	1,200-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	84,689.95	
27 15 13 00-0601		22 AWG, PE-39 Outdoor Telecommunications Cable *(27 15 13 00-0575)*		
27 15 13 00-0602		22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit *(27 15 13 00-0601)*		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 13 00-0603	MLF	6-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	2,784.45	973.59
27 15 13 00-0604	MLF	12-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	3,445.21	973.59
27 15 13 00-0605	MLF	25-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	4,851.34	973.59
27 15 13 00-0606	MLF	50-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	7,438.12	973.59
27 15 13 00-0607	MLF	100-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	12,836.39	973.59
27 15 13 00-0608	MLF	200-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	23,732.65	1,251.75
27 15 13 00-0609	MLF	300-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	34,777.14	1,808.10
27 15 13 00-0610	MLF	400-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	44,547.72	2,364.44
27 15 13 00-0611	MLF	600-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	62,235.58	3,198.93
27 15 13 00-0612	MLF	900-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	97,865.55	6,397.87
27 15 13 00-0613		22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench *(27 15 13 00-0601)*		
27 15 13 00-0614	MLF	6-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	2,436.74	
27 15 13 00-0615	MLF	12-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	3,097.50	
27 15 13 00-0616	MLF	25-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	4,503.63	
27 15 13 00-0617	MLF	50-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	7,090.41	
27 15 13 00-0618	MLF	100-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	12,488.68	
27 15 13 00-0619	MLF	200-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	23,500.85	
27 15 13 00-0620	MLF	300-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	34,081.71	
27 15 13 00-0621	MLF	400-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	43,098.93	
27 15 13 00-0622	MLF	600-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	59,685.70	
27 15 13 00-0623	MLF	900-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	90,911.33	
27 15 13 00-0624		19 AWG, PE-39 Outdoor Telecommunications Cable *(27 15 13 00-0575)*		
27 15 13 00-0625		19 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit *(27 15 13 00-0624)*		
27 15 13 00-0626	MLF	25-Pair 19 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	7,966.25	973.59
27 15 13 00-0627	MLF	50-Pair 19 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	13,212.58	973.59
27 15 13 00-0628	MLF	100-Pair 19 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	24,091.62	973.59
27 15 13 00-0629		19 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench *(27 15 13 00-0624)*		
27 15 13 00-0630	MLF	25-Pair 19 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	7,618.54	
27 15 13 00-0631	MLF	50-Pair 19 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	12,864.87	
27 15 13 00-0632	MLF	100-Pair 19 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	23,743.91	
27 15 13 00-0633		(Aerial) Outdoor Telecommunications Cable *(27 15 13 00-0508)* Note: Includes support wire.		
27 15 13 00-0634		24 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles *(27 15 13 00-0633)*		
27 15 13 00-0635	MLF	6-Pair 24 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	7,315.84	1,956.06
27 15 13 00-0636	MLF	12-Pair 24 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	7,689.98	1,956.06
27 15 13 00-0637	MLF	25-Pair 24 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	8,618.90	1,956.06
27 15 13 00-0638	MLF	50-Pair 24 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	10,338.77	1,956.06
27 15 13 00-0639	MLF	100-Pair 24 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	13,660.69	1,956.06
27 15 13 00-0640	MLF	200-Pair 24 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	20,713.65	2,151.67
27 15 13 00-0641	MLF	300-Pair 24 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	27,807.70	2,347.27
27 15 13 00-0642		22 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles *(27 15 13 00-0633)*		
27 15 13 00-0643	MLF	6-Pair 22 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	7,763.46	1,956.06
27 15 13 00-0644	MLF	12-Pair 22 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	8,316.23	1,956.06
27 15 13 00-0645	MLF	25-Pair 22 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	9,647.64	1,956.06
27 15 13 00-0646	MLF	50-Pair 22 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	12,277.95	1,956.06
27 15 13 00-0647	MLF	100-Pair 22 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	18,127.70	1,956.06
27 15 13 00-0648	MLF	200-Pair 22 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	28,695.99	2,151.67
27 15 13 00-0649		19 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles *(27 15 13 00-0633)*		
27 15 13 00-0650	MLF	6-Pair 19 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	8,355.25	1,956.06
27 15 13 00-0651	MLF	12-Pair 19 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	9,605.32	1,956.06
27 15 13 00-0652	MLF	25-Pair 19 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	12,063.16	1,956.06
27 15 13 00-0653	MLF	50-Pair 19 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	16,978.88	1,956.06
27 15 13 00-0654	MLF	100-Pair 19 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	26,917.24	1,956.06
27 15 13 00-0655		Sound System Cables *(27 15 13)* Note: Cables shall be type CL2 or CM and as manufactured by West Penn Wire, Belden or approved equal.		
27 15 13 00-0656		Speaker/Communications And Control Cable, Installed Exposed *(27 15 13 00-0655)*		
27 15 13 00-0657		Non-Plenum Rated Speaker/Communications And Control Cable, Installed Exposed *(27 15 13 00-0656)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 13 00-0658	MLF	2 Conductor, #16 AWG, Stranded, Unshielded, Non-Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	1,797.64	741.22
		For Work In Restricted Working Space, Add	*444.73*	
27 15 13 00-0659	MLF	2 Conductor, #18 AWG, Stranded, Unshielded, Non-Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	1,691.33	741.22
		For Work In Restricted Working Space, Add	*444.73*	
27 15 13 00-0660	MLF	2 Conductor, #22 AWG, Stranded, Unshielded, Non-Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	1,609.33	741.22
		For Work In Restricted Working Space, Add	*444.73*	
27 15 13 00-0661	MLF	4 Conductor, #22 AWG, Stranded, Unshielded, Non-Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	1,699.00	741.22
		For Work In Restricted Working Space, Add	*444.73*	
27 15 13 00-0662	MLF	4 Conductor, #18 AWG, Stranded, Shielded, Non-Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	1,987.22	741.22
		For Work In Restricted Working Space, Add	*444.73*	
27 15 13 00-0663	MLF	6 Conductor, #18 AWG, Stranded, Shielded, Non-Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	2,274.50	741.22
		For Work In Restricted Working Space, Add	*444.73*	
27 15 13 00-0664	MLF	4 Conductor, #20 AWG, Stranded, 2 Shielded, 2 Unshielded, Non-Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	1,988.44	741.22
		For Work In Restricted Working Space, Add	*444.73*	
27 15 13 00-0665	MLF	4 Conductor, #22 AWG, Stranded, 2 Shielded, 2 Unshielded, Non-Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	1,850.04	741.22
		For Work In Restricted Working Space, Add	*444.73*	

27 15 13 00-0666 Plenum Rated Speaker/Communications And Control Cable, Installed Exposed *(27 15 13 00-0656)*

27 15 13 00-0667	MLF	2 Conductor, #16 AWG, Stranded, Unshielded, Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	1,841.56	741.22
		For Work In Restricted Working Space, Add	*444.73*	
27 15 13 00-0668	MLF	2 Conductor, #18 AWG, Stranded, Unshielded, Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	1,719.26	741.22
		For Work In Restricted Working Space, Add	*444.73*	
27 15 13 00-0669	MLF	2 Conductor, #22 AWG, Stranded, Unshielded, Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	1,650.04	741.22
		For Work In Restricted Working Space, Add	*444.73*	
27 15 13 00-0670	MLF	4 Conductor, #22 AWG, Stranded, Unshielded, Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	1,765.55	741.22
		For Work In Restricted Working Space, Add	*444.73*	
27 15 13 00-0671	MLF	8 Conductors, #22 AWG, Stranded, Unshielded, Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	2,009.59	741.22
		For Work In Restricted Working Space, Add	*444.73*	
27 15 13 00-0672	MLF	2 Conductors, #16 AWG, Stranded, Shielded, Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	1,982.66	741.22
		For Work In Restricted Working Space, Add	*444.73*	
27 15 13 00-0673	MLF	2 Conductors, #18 AWG, Stranded, Shielded, Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	1,813.50	741.22
		For Work In Restricted Working Space, Add	*444.73*	
27 15 13 00-0674	MLF	4 Conductor, #18 AWG, Stranded, Shielded, Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	2,101.05	741.22
		For Work In Restricted Working Space, Add	*444.73*	
27 15 13 00-0675	MLF	6 Conductor, #18 AWG, Stranded, Shielded, Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	2,387.81	741.22
		For Work In Restricted Working Space, Add	*444.73*	
27 15 13 00-0676	MLF	2 Conductor, #22 AWG, Stranded, Shielded, Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	1,684.75	741.22
		For Work In Restricted Working Space, Add	*444.73*	
27 15 13 00-0677	MLF	2 Conductor, #20 AWG, Stranded, Shielded, Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	1,741.89	741.22
		For Work In Restricted Working Space, Add	*444.73*	

27 15 13 00-0678 Speaker/Communications And Control Cable, Installed In Conduit *(27 15 13 00-0655)*

27 15 13 00-0679 Non-Plenum Rated Speaker/Communications And Control Cable, Installed In Conduit *(27 15 13 00-0678)*

27 15 13 00-0680	MLF	2 Conductors, #16 AWG, Stranded, Unshielded, Non-Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit	1,056.42	370.60
27 15 13 00-0681	MLF	2 Conductors, #18 AWG, Stranded, Unshielded, Non-Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit	950.11	370.60
27 15 13 00-0682	MLF	2 Conductors, #22 AWG, Stranded, Unshielded, Non-Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit	868.11	370.60
27 15 13 00-0683	MLF	4 Conductors, #22 AWG, Stranded, Unshielded, Non-Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit	957.78	370.60
27 15 13 00-0684	MLF	4 Conductors, #18 AWG, Stranded, Shielded, Non-Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit	1,246.00	370.60
27 15 13 00-0685	MLF	6 Conductors, #18 AWG, Stranded, Shielded, Non-Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit	1,533.28	370.60
27 15 13 00-0686	MLF	4 Conductors (2 Shielded, 2 Unshielded), #20 AWG, Stranded, Non-Plenum Rated, Microphone/Communications Cable, Installed In Conduit	1,247.22	370.60
27 15 13 00-0687	MLF	4 Conductors (2 Shielded, 2 Unshielded), #22 AWG, Stranded, Non-Plenum Rated, Microphone/Communications Cable, Installed In Conduit	1,108.82	370.60

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 13 00-0688		Plenum Rated Speaker/Communications And Control Cable, Installed In Conduit *(27 15 13 00-0678)*		
27 15 13 00-0689	MLF	2 Conductor, #6 AWG, Stranded, Unshielded, Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit	1,100.34	370.60
27 15 13 00-0690	MLF	2 Conductor, #18 AWG, Stranded, Unshielded, Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit	978.04	370.60
27 15 13 00-0691	MLF	2 Conductor, #22 AWG, Stranded, Unshielded, Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit	908.82	370.60
27 15 13 00-0692	MLF	4 Conductor, #22 AWG, Stranded, Unshielded, Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit	1,024.33	370.60
27 15 13 00-0693	MLF	8 Conductor, #22 AWG, Stranded, Unshielded, Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit	1,268.37	370.60
27 15 13 00-0694	MLF	2 Conductor, #16 AWG, Stranded, Shielded, Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit	1,241.44	370.60
27 15 13 00-0695	MLF	2 Conductor, #18 AWG, Stranded, Shielded, Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit	1,072.28	370.60
27 15 13 00-0696	MLF	4 Conductor, #18 AWG, Stranded, Shielded, Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit	1,359.83	370.60
27 15 13 00-0697	MLF	6 Conductor, #18 AWG, Stranded, Shielded, Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit	1,646.59	370.60
27 15 13 00-0698	MLF	2 Conductor, #20 AWG, Stranded, Shielded, Plenum Rated, Microphone/Communications And Control Cable, Installed In Conduit	1,000.67	370.60
27 15 13 00-0699	MLF	2 Conductor, #22 AWG, Stranded, Shielded, Plenum Rated, Microphone/Communications And Control Cable, Installed In Conduit	943.53	370.60
27 15 23		**Communications Optical Fiber Horizontal Cabling** *(27 15)*		
		Note: Cable installed in conduit includes pull wires and installation in conduit, innerduct, wiremold, etc. Cable installed exposed includes installation on exposed surfaces, uncovered wireways, cable trays, etc.		
27 15 23 00-0001		Indoor Fiber Optic Cable *(27 15 23)*		
		Note: Distribution cables contain multiple tight-buffered fibers bundled under the same jacket with Kevlar strength members. Break-out cables contain multiple individually reinforced and jacketed simplex cables bundled together.		
27 15 23 00-0002		Indoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0001)*		
		Note: Excludes conduit or innerduct.		
27 15 23 00-0003		Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0002)*		
27 15 23 00-0004		Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0003)*		
27 15 23 00-0005		Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0004)*		
27 15 23 00-0006	MLF	1-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,018.56	417.25
27 15 23 00-0007	MLF	2-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,115.94	417.25
27 15 23 00-0008	MLF	4-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,148.46	417.25
27 15 23 00-0009	MLF	6-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,264.25	417.25
		For Aluminum Armored Cable, Add	*1,283.52*	
		For Steel Armored Cable, Add	*1,466.02*	
27 15 23 00-0010	MLF	8-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,297.45	417.25
27 15 23 00-0011	MLF	12-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,498.14	417.25
		For Aluminum Armored Cable, Add	*1,412.60*	
		For Steel Armored Cable, Add	*1,518.20*	
27 15 23 00-0012	MLF	18-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,585.41	486.80
27 15 23 00-0013	MLF	24-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	3,657.44	486.80
		For Aluminum Armored Cable With Sub-Units, Add	*1,839.80*	
		For Steel Armored Cable, Add	*1,878.60*	
27 15 23 00-0014	MLF	36-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	4,472.18	486.80
		For Aluminum Armored Cable With Sub-Units, Add	*1,939.49*	
		For Steel Armored Cable, Add	*1,610.56*	
27 15 23 00-0015	MLF	48-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	4,630.20	486.80
		For Aluminum Armored Cable With Sub-Units, Add	*2,034.91*	
		For Steel Armored Cable, Add	*1,688.23*	
27 15 23 00-0016	MLF	60-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	5,626.69	486.80
27 15 23 00-0017	MLF	72-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	5,891.69	486.80
27 15 23 00-0018	MLF	96-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	7,285.58	486.80
27 15 23 00-0019	MLF	120-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	9,797.62	556.34
27 15 23 00-0020	MLF	144-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	11,698.42	556.34
27 15 23 00-0021		50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0004)*		
27 15 23 00-0022	MLF	1-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,046.60	417.25
27 15 23 00-0023	MLF	2-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,169.44	417.25
27 15 23 00-0024	MLF	4-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,450.88	417.25

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 23 00-0025	MLF	6-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,747.14	417.25
		For Aluminum Armored Cable, Add	*937.78*	
		For Steel Armored Cable, Add	*1,242.26*	
27 15 23 00-0026	MLF	8-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,028.59	417.25
27 15 23 00-0027	MLF	12-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,606.30	417.25
		For Aluminum Armored Cable, Add	*902.31*	
		For Steel Armored Cable, Add	*1,299.04*	
27 15 23 00-0028	MLF	18-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,870.34	486.80
27 15 23 00-0029	MLF	24-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	4,958.97	486.80
		For Aluminum Armored Cable With Sub-Units, Add	*952.11*	
		For Steel Armored Cable, Add	*952.11*	
27 15 23 00-0030	MLF	36-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	7,032.79	486.80
27 15 23 00-0031	MLF	48-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	9,106.61	486.80
		For Aluminum Armored Cable With Sub-Units, Add	*1,699.05*	
27 15 23 00-0032	MLF	60-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	11,180.43	486.80
27 15 23 00-0033	MLF	72-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	13,254.25	486.80
27 15 23 00-0034	MLF	96-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	17,416.70	486.80
		For Aluminum Armored Cable With Sub-Units, Add	*7,317.62*	
27 15 23 00-0035	MLF	120-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	21,680.23	556.34
27 15 23 00-0036	MLF	144-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	25,827.87	556.34

27 15 23 00-0037 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0004)*

27 15 23 00-0038	MLF	1-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,064.16	417.25
27 15 23 00-0039	MLF	2-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,193.14	417.25
27 15 23 00-0040	MLF	4-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,488.66	417.25
27 15 23 00-0041	MLF	6-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,799.73	417.25
27 15 23 00-0042	MLF	8-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,095.25	417.25
27 15 23 00-0043	MLF	12-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,701.84	417.25
27 15 23 00-0044	MLF	18-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,973.29	486.80
27 15 23 00-0045	MLF	24-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	5,166.35	486.80
27 15 23 00-0046	MLF	36-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	7,343.86	486.80
27 15 23 00-0047	MLF	48-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	9,521.37	486.80
27 15 23 00-0048	MLF	60-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	11,698.89	486.80
27 15 23 00-0049	MLF	72-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	13,876.40	486.80
27 15 23 00-0050	MLF	96-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	18,246.97	486.80
27 15 23 00-0051	MLF	120-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	22,717.88	556.34
27 15 23 00-0052	MLF	144-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	27,072.91	556.34

27 15 23 00-0053 Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0003)*

27 15 23 00-0054 Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0053)*

27 15 23 00-0055	MLF	2-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,921.14	417.25
27 15 23 00-0056	MLF	4-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,284.34	417.25
27 15 23 00-0057	MLF	6-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	3,083.34	417.25
27 15 23 00-0058	MLF	8-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	3,464.66	417.25
27 15 23 00-0059	MLF	12-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	6,062.43	417.25
27 15 23 00-0060	MLF	18-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	6,395.25	486.80
27 15 23 00-0061	MLF	24-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	8,068.91	486.80
27 15 23 00-0062	MLF	36-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	11,388.98	486.80
27 15 23 00-0063	MLF	48-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	13,976.66	486.80

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 23 00-0064		**50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit** *(27 15 23 00-0053)*		
27 15 23 00-0065	MLF	2-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,300.10	417.25
27 15 23 00-0066	MLF	4-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,806.05	417.25
27 15 23 00-0067	MLF	6-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	3,640.24	417.25
27 15 23 00-0068	MLF	8-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	4,880.09	417.25
27 15 23 00-0069	MLF	12-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	5,394.96	417.25
27 15 23 00-0070	MLF	18-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	7,219.43	486.80
27 15 23 00-0071	MLF	24-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	9,077.55	486.80
27 15 23 00-0072	MLF	36-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	10,347.94	486.80
27 15 23 00-0073	MLF	48-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	15,802.09	486.80
27 15 23 00-0074		**62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit** *(27 15 23 00-0053)*		
27 15 23 00-0075	MLF	2-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,380.33	417.25
27 15 23 00-0076	MLF	4-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,911.58	417.25
27 15 23 00-0077	MLF	6-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	3,787.49	417.25
27 15 23 00-0078	MLF	8-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	5,089.33	417.25
27 15 23 00-0079	MLF	12-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	5,629.94	417.25
27 15 23 00-0080	MLF	18-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	7,539.84	486.80
27 15 23 00-0081	MLF	24-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	9,490.86	486.80
27 15 23 00-0082	MLF	36-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	10,824.77	486.80
27 15 23 00-0083	MLF	48-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	16,551.62	486.80
27 15 23 00-0084		**Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit** *(27 15 23 00-0002)*		
27 15 23 00-0085		**Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit** *(27 15 23 00-0084)*		
27 15 23 00-0086		**Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit** *(27 15 23 00-0085)*		
27 15 23 00-0087	MLF	1-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,057.80	417.25
27 15 23 00-0088	MLF	2-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,063.27	417.25
27 15 23 00-0089	MLF	4-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,350.35	417.25
27 15 23 00-0090	MLF	6-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,383.94	417.25
		For Aluminum Armored Cable, Add	*1,256.02*	
		For Steel Armored Cable, Add	*4,973.19*	
27 15 23 00-0091	MLF	8-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,553.05	417.25
27 15 23 00-0092	MLF	12-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,584.68	417.25
		For Aluminum Armored Cable, Add	*1,326.10*	
		For Steel Armored Cable, Add	*5,309.90*	
27 15 23 00-0093	MLF	18-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	3,710.37	486.80
27 15 23 00-0094	MLF	24-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	4,797.51	486.80
		For Aluminum Armored Cable With Sub-Units, Add	*1,084.57*	
		For Steel Armored Cable, Add	*5,001.91*	
27 15 23 00-0095	MLF	36-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	7,675.04	486.80
27 15 23 00-0096	MLF	48-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	7,877.74	486.80
		For Aluminum Armored Cable With Sub-Units, Add	*1,662.87*	
		For Steel Armored Cable, Add	*5,865.24*	
27 15 23 00-0097	MLF	60-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	9,527.29	486.80
27 15 23 00-0098	MLF	72-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	11,288.50	486.80
27 15 23 00-0099	MLF	96-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	14,948.63	486.80
27 15 23 00-0100		**50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit** *(27 15 23 00-0085)*		
27 15 23 00-0101	MLF	1-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,044.71	417.25
27 15 23 00-0102	MLF	2-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,668.29	417.25
27 15 23 00-0103	MLF	4-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,264.27	417.25

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 23 00-0104	MLF	6-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,872.21	417.25
		For Aluminum Armored Cable, Add	*-184.38*	
		For Steel Armored Cable, Add	*187.44*	
27 15 23 00-0105	MLF	8-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	3,454.73	417.25
27 15 23 00-0106	MLF	12-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	3,960.85	417.25
		For Aluminum Armored Cable, Add	*-477.57*	
		For Steel Armored Cable, Add	*-55.49*	
27 15 23 00-0107	MLF	18-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	5,072.93	486.80
27 15 23 00-0108	MLF	24-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	9,395.85	486.80
		For Aluminum Armored Cable With Sub-Units, Add	*2,550.22*	
		For Steel Armored Cable, Add	*5,947.85*	
27 15 23 00-0109	MLF	36-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	13,688.11	486.80
27 15 23 00-0110	MLF	48-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	17,980.37	486.80
		For Aluminum Armored Cable With Sub-Units, Add	*7,572.77*	
27 15 23 00-0111	MLF	60-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	22,272.63	486.80
27 15 23 00-0112	MLF	72-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	26,564.89	486.80
27 15 23 00-0113	MLF	96-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	35,180.07	486.80
		For Aluminum Armored Cable With Sub-Units, Add	*15,145.55*	

27 15 23 00-0114 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0085)*

27 15 23 00-0115	MLF	1-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,062.18	417.25
27 15 23 00-0116	MLF	2-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,716.94	417.25
27 15 23 00-0117	MLF	4-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,342.71	417.25
27 15 23 00-0118	MLF	6-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,981.05	417.25
27 15 23 00-0119	MLF	8-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	3,592.70	417.25
27 15 23 00-0120	MLF	12-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	4,124.12	417.25
27 15 23 00-0121	MLF	18-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	5,286.01	486.80
27 15 23 00-0122	MLF	24-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	9,825.08	486.80
27 15 23 00-0123	MLF	36-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	14,331.95	486.80
27 15 23 00-0124	MLF	48-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	18,838.82	486.80
27 15 23 00-0125	MLF	60-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	23,345.69	486.80
27 15 23 00-0126	MLF	72-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	27,852.57	486.80
27 15 23 00-0127	MLF	96-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	36,898.51	486.80

27 15 23 00-0128 Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0084)*

27 15 23 00-0129 Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0128)*

27 15 23 00-0130	MLF	2-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	3,031.87	417.25
27 15 23 00-0131	MLF	4-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	3,473.76	417.25
27 15 23 00-0132	MLF	6-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	4,536.06	417.25
27 15 23 00-0133	MLF	8-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	5,577.16	417.25
27 15 23 00-0134	MLF	12-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	7,238.72	417.25
27 15 23 00-0135	MLF	18-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	10,326.67	486.80
27 15 23 00-0136	MLF	24-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	14,902.19	486.80
27 15 23 00-0137	MLF	36-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	18,032.20	486.80
27 15 23 00-0138	MLF	48-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	22,505.39	486.80

27 15 23 00-0139 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0128)*

27 15 23 00-0140	MLF	2-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	6,194.69	417.25
27 15 23 00-0141	MLF	4-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	7,800.64	417.25

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 23 00-0142	MLF	6-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	10,667.20	417.25
27 15 23 00-0143	MLF	8-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	12,128.16	417.25
27 15 23 00-0144	MLF	12-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	14,394.57	417.25
27 15 23 00-0145	MLF	18-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	19,758.59	486.80
27 15 23 00-0146	MLF	24-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	23,264.17	486.80
27 15 23 00-0147	MLF	36-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	25,698.13	486.80
27 15 23 00-0148	MLF	48-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	41,281.21	486.80

27 15 23 00-0149 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0128)*

27 15 23 00-0150	MLF	2-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	6,469.66	417.25
27 15 23 00-0151	MLF	4-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	8,155.90	417.25
27 15 23 00-0152	MLF	6-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	11,165.79	417.25
27 15 23 00-0153	MLF	8-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	12,699.80	417.25
27 15 23 00-0154	MLF	12-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	15,079.52	417.25
27 15 23 00-0155	MLF	18-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	20,705.96	486.80
27 15 23 00-0156	MLF	24-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	24,386.81	486.80
27 15 23 00-0157	MLF	36-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	26,942.47	486.80
27 15 23 00-0158	MLF	48-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	43,304.70	486.80

27 15 23 00-0159 Indoor Fiber Optic Cable, Installed Exposed *(27 15 23 00-0001)*

Note: For non-conduit installations such as cable trays, surface runways, etc.

27 15 23 00-0160 Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 15 23 00-0159)*

27 15 23 00-0161 Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 15 23 00-0160)*

27 15 23 00-0162 Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 15 23 00-0161)*

27 15 23 00-0163	MLF	1-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,250.36	556.34
		For Work In Restricted Working Space, Add	*278.17*	
27 15 23 00-0164	MLF	2-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,347.74	556.34
		For Work In Restricted Working Space, Add	*278.17*	
27 15 23 00-0165	MLF	4-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,380.26	556.34
		For Work In Restricted Working Space, Add	*278.17*	
27 15 23 00-0166	MLF	6-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,496.05	556.34
		For Aluminum Armored Cable, Add	*1,283.52*	
		For Steel Armored Cable, Add	*1,466.02*	
		For Work In Restricted Working Space, Add	*278.17*	
27 15 23 00-0167	MLF	8-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,529.25	556.34
		For Work In Restricted Working Space, Add	*278.17*	
27 15 23 00-0168	MLF	12-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,729.94	556.34
		For Aluminum Armored Cable, Add	*1,412.60*	
		For Steel Armored Cable, Add	*1,518.20*	
		For Work In Restricted Working Space, Add	*278.17*	
27 15 23 00-0169	MLF	18-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	2,817.21	625.88
		For Work In Restricted Working Space, Add	*312.94*	
27 15 23 00-0170	MLF	24-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	3,889.24	625.88
		For Aluminum Armored Cable With Sub-Units, Add	*1,839.80*	
		For Steel Armored Cable, Add	*1,878.60*	
		For Work In Restricted Working Space, Add	*312.94*	
27 15 23 00-0171	MLF	36-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	4,703.98	625.88
		For Aluminum Armored Cable With Sub-Units, Add	*1,939.49*	
		For Steel Armored Cable, Add	*1,610.56*	
		For Work In Restricted Working Space, Add	*312.94*	
27 15 23 00-0172	MLF	48-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	4,862.00	625.88
		For Aluminum Armored Cable With Sub-Units, Add	*2,034.91*	
		For Steel Armored Cable, Add	*1,688.23*	
		For Work In Restricted Working Space, Add	*312.94*	
27 15 23 00-0173	MLF	60-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	5,858.49	625.88
		For Work In Restricted Working Space, Add	*312.94*	
27 15 23 00-0174	MLF	72-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	6,123.49	625.88
		For Work In Restricted Working Space, Add	*312.94*	
27 15 23 00-0175	MLF	96-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	7,517.38	625.88
		For Work In Restricted Working Space, Add	*312.94*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 23 00-0176	MLF	120-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	10,029.44	695.42
		For Work In Restricted Working Space, Add	*347.71*	
27 15 23 00-0177	MLF	144-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	11,930.24	695.42
		For Work In Restricted Working Space, Add	*347.71*	

27 15 23 00-0178 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 15 23 00-0161)*

27 15 23 00-0179	MLF	1-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,278.40	556.34
		For Work In Restricted Working Space, Add	*278.17*	
27 15 23 00-0180	MLF	2-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,401.24	556.34
		For Work In Restricted Working Space, Add	*278.17*	
27 15 23 00-0181	MLF	4-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,682.68	556.34
		For Work In Restricted Working Space, Add	*278.17*	
27 15 23 00-0182	MLF	6-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,978.94	556.34
		For Aluminum Armored Cable, Add	*937.78*	
		For Steel Armored Cable, Add	*1,242.26*	
		For Work In Restricted Working Space, Add	*278.17*	
27 15 23 00-0183	MLF	8-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	2,260.39	556.34
		For Work In Restricted Working Space, Add	*278.17*	
27 15 23 00-0184	MLF	12-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	2,838.10	556.34
		For Aluminum Armored Cable, Add	*902.31*	
		For Steel Armored Cable, Add	*1,299.04*	
		For Work In Restricted Working Space, Add	*278.17*	
27 15 23 00-0185	MLF	18-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	3,102.14	625.88
		For Work In Restricted Working Space, Add	*312.94*	
27 15 23 00-0186	MLF	24-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	5,190.77	625.88
		For Aluminum Armored Cable With Sub-Units, Add	*952.11*	
		For Steel Armored Cable, Add	*952.11*	
		For Work In Restricted Working Space, Add	*312.94*	
27 15 23 00-0187	MLF	36-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	7,264.59	625.88
		For Work In Restricted Working Space, Add	*312.94*	
27 15 23 00-0188	MLF	48-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	9,338.41	625.88
		For Aluminum Armored Cable With Sub-Units, Add	*1,699.05*	
		For Work In Restricted Working Space, Add	*312.94*	
27 15 23 00-0189	MLF	60-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	11,412.23	625.88
		For Work In Restricted Working Space, Add	*312.94*	
27 15 23 00-0190	MLF	72-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	13,486.05	625.88
		For Work In Restricted Working Space, Add	*312.94*	
27 15 23 00-0191	MLF	96-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	17,648.50	625.88
		For Aluminum Armored Cable With Sub-Units, Add	*7,317.62*	
		For Work In Restricted Working Space, Add	*312.94*	
27 15 23 00-0192	MLF	120-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	21,912.05	695.42
		For Work In Restricted Working Space, Add	*347.71*	
27 15 23 00-0193	MLF	144-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	26,059.69	695.42
		For Work In Restricted Working Space, Add	*347.71*	

27 15 23 00-0194 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 15 23 00-0161)*

27 15 23 00-0195	MLF	1-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,295.96	556.34
		For Work In Restricted Working Space, Add	*278.17*	
27 15 23 00-0196	MLF	2-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,424.94	556.34
		For Work In Restricted Working Space, Add	*278.17*	
27 15 23 00-0197	MLF	4-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,720.46	556.34
		For Work In Restricted Working Space, Add	*278.17*	
27 15 23 00-0198	MLF	6-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	2,031.53	556.34
		For Work In Restricted Working Space, Add	*278.17*	
27 15 23 00-0199	MLF	8-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	2,327.05	556.34
		For Work In Restricted Working Space, Add	*278.17*	
27 15 23 00-0200	MLF	12-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	2,933.64	556.34
		For Work In Restricted Working Space, Add	*278.17*	
27 15 23 00-0201	MLF	18-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	3,205.09	625.88
		For Work In Restricted Working Space, Add	*312.94*	
27 15 23 00-0202	MLF	24-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	5,398.15	625.88
		For Work In Restricted Working Space, Add	*312.94*	
27 15 23 00-0203	MLF	36-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	7,575.66	625.88
		For Work In Restricted Working Space, Add	*312.94*	
27 15 23 00-0204	MLF	48-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	9,753.17	625.88
		For Work In Restricted Working Space, Add	*312.94*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 23 00-0205	MLF	60-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	11,930.69	625.88
		For Work In Restricted Working Space, Add	*312.94*	
27 15 23 00-0206	MLF	72-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	14,108.20	625.88
		For Work In Restricted Working Space, Add	*312.94*	
27 15 23 00-0207	MLF	96-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	18,478.77	625.88
		For Work In Restricted Working Space, Add	*312.94*	
27 15 23 00-0208	MLF	120-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	22,949.70	695.42
		For Work In Restricted Working Space, Add	*347.71*	
27 15 23 00-0209	MLF	144-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	27,304.73	695.42
		For Work In Restricted Working Space, Add	*347.71*	

27 15 23 00-0210 Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 15 23 00-0160)*

27 15 23 00-0211 Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 15 23 00-0210)*

27 15 23 00-0212	MLF	2-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	2,152.94	556.34
		For Work In Restricted Working Space, Add	*278.17*	
27 15 23 00-0213	MLF	4-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	2,516.14	556.34
		For Work In Restricted Working Space, Add	*278.17*	
27 15 23 00-0214	MLF	6-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	3,315.14	556.34
		For Work In Restricted Working Space, Add	*278.17*	
27 15 23 00-0215	MLF	8-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	3,696.46	556.34
		For Work In Restricted Working Space, Add	*278.17*	
27 15 23 00-0216	MLF	12-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	6,294.23	556.34
		For Work In Restricted Working Space, Add	*278.17*	
27 15 23 00-0217	MLF	18-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	6,627.05	625.88
		For Work In Restricted Working Space, Add	*312.94*	
27 15 23 00-0218	MLF	24-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	8,300.71	625.88
		For Work In Restricted Working Space, Add	*312.94*	
27 15 23 00-0219	MLF	36-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	11,620.78	625.88
		For Work In Restricted Working Space, Add	*312.94*	
27 15 23 00-0220	MLF	48-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	14,208.46	625.88
		For Work In Restricted Working Space, Add	*312.94*	

27 15 23 00-0221 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 15 23 00-0210)*

27 15 23 00-0222	MLF	2-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	2,531.90	556.34
		For Work In Restricted Working Space, Add	*278.17*	
27 15 23 00-0223	MLF	4-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	3,037.85	556.34
		For Work In Restricted Working Space, Add	*278.17*	
27 15 23 00-0224	MLF	6-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	3,872.04	556.34
		For Work In Restricted Working Space, Add	*278.17*	
27 15 23 00-0225	MLF	8-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	5,111.89	556.34
		For Work In Restricted Working Space, Add	*278.17*	
27 15 23 00-0226	MLF	12-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	5,626.76	556.34
		For Work In Restricted Working Space, Add	*278.17*	
27 15 23 00-0227	MLF	18-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	7,451.23	625.88
		For Work In Restricted Working Space, Add	*312.94*	
27 15 23 00-0228	MLF	24-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	9,309.35	625.88
		For Work In Restricted Working Space, Add	*312.94*	
27 15 23 00-0229	MLF	36-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	10,579.74	625.88
		For Work In Restricted Working Space, Add	*312.94*	
27 15 23 00-0230	MLF	48-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	16,033.89	625.88
		For Work In Restricted Working Space, Add	*312.94*	

27 15 23 00-0231 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 15 23 00-0210)*

27 15 23 00-0232	MLF	2-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	2,612.13	556.34
		For Work In Restricted Working Space, Add	*278.17*	
27 15 23 00-0233	MLF	4-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	3,143.38	556.34
		For Work In Restricted Working Space, Add	*278.17*	
27 15 23 00-0234	MLF	6-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	4,019.29	556.34
		For Work In Restricted Working Space, Add	*278.17*	
27 15 23 00-0235	MLF	8-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	5,321.13	556.34
		For Work In Restricted Working Space, Add	*278.17*	
27 15 23 00-0236	MLF	12-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	5,861.74	556.34
		For Work In Restricted Working Space, Add	*278.17*	
27 15 23 00-0237	MLF	18-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	7,771.64	625.88
		For Work In Restricted Working Space, Add	*312.94*	
27 15 23 00-0238	MLF	24-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	9,722.66	625.88
		For Work In Restricted Working Space, Add	*312.94*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 23 00-0239	MLF	36-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	11,056.57	625.88
		For Work In Restricted Working Space, Add	*312.94*	
27 15 23 00-0240	MLF	48-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	16,783.42	625.88
		For Work In Restricted Working Space, Add	*312.94*	

27 15 23 00-0241 Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 15 23 00-0159)*

27 15 23 00-0242 Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 15 23 00-0241)*

27 15 23 00-0243 Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 15 23 00-0242)*

27 15 23 00-0244	MLF	1-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,289.60	556.34
		For Work In Restricted Working Space, Add	*278.17*	
27 15 23 00-0245	MLF	2-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,295.07	556.34
		For Work In Restricted Working Space, Add	*278.17*	
27 15 23 00-0246	MLF	4-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,582.15	556.34
		For Work In Restricted Working Space, Add	*278.17*	
27 15 23 00-0247	MLF	6-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,615.74	556.34
		For Aluminum Armored Cable, Add	*1,256.02*	
		For Steel Armored Cable, Add	*4,973.19*	
		For Work In Restricted Working Space, Add	*278.17*	
27 15 23 00-0248	MLF	8-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,784.85	556.34
		For Work In Restricted Working Space, Add	*278.17*	
27 15 23 00-0249	MLF	12-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,816.48	556.34
		For Aluminum Armored Cable, Add	*1,326.10*	
		For Steel Armored Cable, Add	*5,309.90*	
		For Work In Restricted Working Space, Add	*278.17*	
27 15 23 00-0250	MLF	18-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	3,942.17	625.88
		For Work In Restricted Working Space, Add	*312.94*	
27 15 23 00-0251	MLF	24-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	5,029.31	625.88
		For Aluminum Armored Cable With Sub-Units, Add	*1,084.57*	
		For Steel Armored Cable, Add	*5,001.91*	
		For Work In Restricted Working Space, Add	*312.94*	
27 15 23 00-0252	MLF	36-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	7,906.84	625.88
		For Work In Restricted Working Space, Add	*312.94*	
27 15 23 00-0253	MLF	48-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	8,109.54	625.88
		For Aluminum Armored Cable With Sub-Units, Add	*1,662.87*	
		For Steel Armored Cable, Add	*5,865.24*	
		For Work In Restricted Working Space, Add	*312.94*	
27 15 23 00-0254	MLF	60-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	9,759.09	625.88
		For Work In Restricted Working Space, Add	*312.94*	
27 15 23 00-0255	MLF	72-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	11,520.30	625.88
		For Work In Restricted Working Space, Add	*312.94*	
27 15 23 00-0256	MLF	96-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	15,180.43	625.88
		For Work In Restricted Working Space, Add	*312.94*	

27 15 23 00-0257 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 15 23 00-0242)*

27 15 23 00-0258	MLF	1-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,276.51	556.34
		For Work In Restricted Working Space, Add	*278.17*	
27 15 23 00-0259	MLF	2-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,900.09	556.34
		For Work In Restricted Working Space, Add	*278.17*	
27 15 23 00-0260	MLF	4-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	2,496.07	556.34
		For Work In Restricted Working Space, Add	*278.17*	
27 15 23 00-0261	MLF	6-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	3,104.01	556.34
		For Aluminum Armored Cable, Add	*-184.38*	
		For Steel Armored Cable, Add	*187.44*	
		For Work In Restricted Working Space, Add	*278.17*	
27 15 23 00-0262	MLF	8-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	3,686.53	556.34
		For Work In Restricted Working Space, Add	*278.17*	
27 15 23 00-0263	MLF	12-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	4,192.65	556.34
		For Aluminum Armored Cable, Add	*-477.57*	
		For Steel Armored Cable, Add	*-55.49*	
		For Work In Restricted Working Space, Add	*278.17*	
27 15 23 00-0264	MLF	18-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	5,304.73	625.88
		For Work In Restricted Working Space, Add	*312.94*	
27 15 23 00-0265	MLF	24-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	9,627.65	625.88
		For Aluminum Armored Cable With Sub-Units, Add	*2,550.22*	
		For Steel Armored Cable, Add	*5,947.85*	
		For Work In Restricted Working Space, Add	*312.94*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 23 00-0266	MLF	36-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	13,919.91	625.88
		For Work In Restricted Working Space, Add	*312.94*	
27 15 23 00-0267	MLF	48-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	18,212.17	625.88
		For Aluminum Armored Cable With Sub-Units, Add	*7,572.77*	
		For Work In Restricted Working Space, Add	*312.94*	
27 15 23 00-0268	MLF	60-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	22,504.43	625.88
		For Work In Restricted Working Space, Add	*312.94*	
27 15 23 00-0269	MLF	72-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	26,796.69	625.88
		For Work In Restricted Working Space, Add	*312.94*	
		For Work In Restricted Working Space, Add	*312.94*	
27 15 23 00-0270	MLF	96-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	35,411.87	625.88
		For Work In Restricted Working Space, Add	*312.94*	
		For Aluminum Armored Cable With Sub-Units, Add	*15,145.55*	
		For Work In Restricted Working Space, Add	*312.94*	

27 15 23 00-0271 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 15 23 00-0242)*

27 15 23 00-0272	MLF	1-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,293.98	556.34
		For Work In Restricted Working Space, Add	*278.17*	
27 15 23 00-0273	MLF	2-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,948.74	556.34
		For Work In Restricted Working Space, Add	*278.17*	
27 15 23 00-0274	MLF	4-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	2,574.51	556.34
		For Work In Restricted Working Space, Add	*278.17*	
27 15 23 00-0275	MLF	6-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	3,212.85	556.34
		For Work In Restricted Working Space, Add	*278.17*	
27 15 23 00-0276	MLF	8-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	3,824.50	556.34
		For Work In Restricted Working Space, Add	*278.17*	
27 15 23 00-0277	MLF	12-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	4,355.92	556.34
		For Work In Restricted Working Space, Add	*278.17*	
27 15 23 00-0278	MLF	18-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	5,517.81	625.88
		For Work In Restricted Working Space, Add	*312.94*	
27 15 23 00-0279	MLF	24-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	10,056.88	625.88
		For Work In Restricted Working Space, Add	*312.94*	
27 15 23 00-0280	MLF	36-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	14,563.75	625.88
		For Work In Restricted Working Space, Add	*312.94*	
27 15 23 00-0281	MLF	48-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	19,070.62	625.88
		For Work In Restricted Working Space, Add	*312.94*	
27 15 23 00-0282	MLF	60-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	23,577.49	625.88
		For Work In Restricted Working Space, Add	*312.94*	
27 15 23 00-0283	MLF	72-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	28,084.37	625.88
		For Work In Restricted Working Space, Add	*312.94*	
27 15 23 00-0284	MLF	96-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	37,130.31	625.88
		For Work In Restricted Working Space, Add	*312.94*	

27 15 23 00-0285 Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 15 23 00-0241)*

27 15 23 00-0286 Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 15 23 00-0285)*

27 15 23 00-0287	MLF	2-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	3,263.67	556.34
		For Work In Restricted Working Space, Add	*278.17*	
27 15 23 00-0288	MLF	4-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	3,705.56	556.34
		For Work In Restricted Working Space, Add	*278.17*	
27 15 23 00-0289	MLF	6-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	4,767.86	556.34
		For Work In Restricted Working Space, Add	*278.17*	
27 15 23 00-0290	MLF	8-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	5,808.96	556.34
		For Work In Restricted Working Space, Add	*278.17*	
27 15 23 00-0291	MLF	12-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	7,470.52	556.34
		For Work In Restricted Working Space, Add	*278.17*	
27 15 23 00-0292	MLF	18-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	10,558.47	625.88
		For Work In Restricted Working Space, Add	*312.94*	
27 15 23 00-0293	MLF	24-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	15,133.99	625.88
		For Work In Restricted Working Space, Add	*312.94*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 23 00-0294	MLF	36-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	18,264.00	625.88
		For Work In Restricted Working Space, Add	*312.94*	
27 15 23 00-0295	MLF	48-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	22,737.19	625.88
		For Work In Restricted Working Space, Add	*312.94*	
27 15 23 00-0296		50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 15 23 00-0285)*		
27 15 23 00-0297	MLF	2-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	6,426.49	556.34
		For Work In Restricted Working Space, Add	*278.17*	
27 15 23 00-0298	MLF	4-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	8,032.44	556.34
		For Work In Restricted Working Space, Add	*278.17*	
27 15 23 00-0299	MLF	6-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	10,899.00	556.34
		For Work In Restricted Working Space, Add	*278.17*	
27 15 23 00-0300	MLF	8-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	12,359.96	556.34
		For Work In Restricted Working Space, Add	*278.17*	
27 15 23 00-0301	MLF	12-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	14,626.37	556.34
		For Work In Restricted Working Space, Add	*278.17*	
27 15 23 00-0302	MLF	18-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	19,990.39	625.88
		For Work In Restricted Working Space, Add	*312.94*	
27 15 23 00-0303	MLF	24-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	23,495.97	625.88
		For Work In Restricted Working Space, Add	*312.94*	
27 15 23 00-0304	MLF	36-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	25,929.93	625.88
		For Work In Restricted Working Space, Add	*312.94*	
27 15 23 00-0305	MLF	48-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	41,513.01	625.88
		For Work In Restricted Working Space, Add	*312.94*	
27 15 23 00-0306		62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed *(27 15 23 00-0285)*		
27 15 23 00-0307	MLF	2-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	6,701.46	556.34
		For Work In Restricted Working Space, Add	*278.17*	
27 15 23 00-0308	MLF	4-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	8,387.70	556.34
		For Work In Restricted Working Space, Add	*278.17*	
27 15 23 00-0309	MLF	6-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	11,397.59	556.34
		For Work In Restricted Working Space, Add	*278.17*	
27 15 23 00-0310	MLF	8-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	12,931.60	556.34
		For Work In Restricted Working Space, Add	*278.17*	
27 15 23 00-0311	MLF	12-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	15,311.32	556.34
		For Work In Restricted Working Space, Add	*278.17*	
27 15 23 00-0312	MLF	18-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	20,937.76	625.88
		For Work In Restricted Working Space, Add	*312.94*	
27 15 23 00-0313	MLF	24-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	24,618.61	625.88
		For Work In Restricted Working Space, Add	*312.94*	
27 15 23 00-0314	MLF	36-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	27,174.27	625.88
		For Work In Restricted Working Space, Add	*312.94*	
27 15 23 00-0315	MLF	48-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	43,536.50	625.88
		For Work In Restricted Working Space, Add	*312.94*	
27 15 23 00-0316		Hybrid, Indoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0001)*		
		Note: Singlemode and multimode combination cable. Excludes conduit or innerduct.		
27 15 23 00-0317		Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0316)*		
27 15 23 00-0318	MLF	6-Fiber, 2 Singlemode/4 Multimode, Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit	1,486.86	417.25
27 15 23 00-0319	MLF	12-Fiber, 6 Singlemode/6 Multimode, Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit	2,557.25	417.25
27 15 23 00-0320	MLF	24-Fiber, 12 Singlemode/12 Multimode, Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit	5,969.04	486.80
27 15 23 00-0321	MLF	48-Fiber, 24 Singlemode/24 Multimode, Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit	9,447.56	486.80
27 15 23 00-0322		Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0316)*		
27 15 23 00-0323	MLF	6-Fiber, 2 Singlemode/4 Multimode, Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit	1,782.98	417.25

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 23 00-0324	MLF	12-Fiber, 6 Singlemode/6 Multimode, Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit	2,598.92	417.25
27 15 23 00-0325	MLF	24-Fiber, 12 Singlemode/12 Multimode, Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit	7,097.05	486.80
27 15 23 00-0326	MLF	48-Fiber, 24 Singlemode/24 Multimode, Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit	12,290.00	486.80

27 15 23 00-0327 Hybrid, Indoor Fiber Optic Cable, Installed Exposed *(27 15 23 00-0001)*

Note: Singlemode and multimode combination cable. For non-conduit installations such as cable trays, surface runways, etc.

27 15 23 00-0328 Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed *(27 15 23 00-0327)*

27 15 23 00-0329	MLF	6-Fiber, 2 Singlemode/4 Multimode, Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed	1,718.66	556.34
		For Work In Restricted Working Space, Add	*278.17*	
27 15 23 00-0330	MLF	12-Fiber, 6 Singlemode/6 Multimode, Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed	2,789.05	556.34
		For Work In Restricted Working Space, Add	*278.17*	
27 15 23 00-0331	MLF	24-Fiber, 12 Singlemode/12 Multimode, Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed	6,200.84	625.88
		For Work In Restricted Working Space, Add	*312.94*	
27 15 23 00-0332	MLF	48-Fiber, 24 Singlemode/24 Multimode, Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed	9,679.36	625.88
		For Work In Restricted Working Space, Add	*312.94*	

27 15 23 00-0333 Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed *(27 15 23 00-0327)*

27 15 23 00-0334	MLF	6-Fiber, 2 Singlemode/4 Multimode, Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed	2,014.78	556.34
		For Work In Restricted Working Space, Add	*278.17*	
27 15 23 00-0335	MLF	12-Fiber, 6 Singlemode/6 Multimode, Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed	2,830.72	556.34
		For Work In Restricted Working Space, Add	*278.17*	
27 15 23 00-0336	MLF	24-Fiber, 12 Singlemode/12 Multimode, Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed	7,328.85	625.88
		For Work In Restricted Working Space, Add	*312.94*	
27 15 23 00-0337	MLF	48-Fiber, 24 Singlemode/24 Multimode, Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed	12,521.80	625.88
		For Work In Restricted Working Space, Add	*312.94*	

27 15 23 00-0338 Outdoor Fiber Optic Cable *(27 15 23)*

Note: Cable buried in trench excludes excavation.

27 15 23 00-0339 Outdoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0338)*

Note: Excludes conduit or innerduct.

27 15 23 00-0340 Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0339)*

27 15 23 00-0341 Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0340)*

27 15 23 00-0342	MLF	2-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	1,970.80	834.51
		For Corrugated Coated Steel Tape Armored Cable, Add	*283.28*	
27 15 23 00-0343	MLF	4-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,006.06	834.51
		For Corrugated Coated Steel Tape Armored Cable, Add	*285.63*	
27 15 23 00-0344	MLF	6-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,041.38	834.51
		For Corrugated Coated Steel Tape Armored Cable, Add	*287.90*	
27 15 23 00-0345	MLF	8-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,076.67	834.51
		For Corrugated Coated Steel Tape Armored Cable, Add	*290.66*	
27 15 23 00-0346	MLF	12-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,146.80	834.51
		For Corrugated Coated Steel Tape Armored Cable, Add	*263.01*	
27 15 23 00-0347	MLF	18-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,290.25	834.51
		For Corrugated Coated Steel Tape Armored Cable, Add	*293.03*	
27 15 23 00-0348	MLF	24-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,363.98	834.51
		For Corrugated Coated Steel Tape Armored Cable, Add	*230.68*	
27 15 23 00-0349	MLF	36-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,386.73	834.51
		For Corrugated Coated Steel Tape Armored Cable, Add	*269.63*	
27 15 23 00-0350	MLF	48-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,808.73	834.51
		For Corrugated Coated Steel Tape Armored Cable, Add	*296.64*	
27 15 23 00-0351	MLF	60-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	3,041.39	834.51
		For Corrugated Coated Steel Tape Armored Cable, Add	*296.61*	
27 15 23 00-0352	MLF	72-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	3,343.25	834.51
		For Corrugated Coated Steel Tape Armored Cable, Add	*350.57*	
27 15 23 00-0353	MLF	96-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	3,874.66	834.51
		For Corrugated Coated Steel Tape Armored Cable, Add	*336.58*	
27 15 23 00-0354	MLF	120-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	4,455.31	834.51
		For Corrugated Coated Steel Tape Armored Cable, Add	*408.71*	
27 15 23 00-0355	MLF	144-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	5,063.01	834.51
		For Corrugated Coated Steel Tape Armored Cable, Add	*273.59*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

27 15 23 00-0356 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0340)*

27 15 23 00-0357	MLF	2-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,789.45	834.51
		For Corrugated Coated Steel Tape Armored Cable, Add	*-4.10*	
27 15 23 00-0358	MLF	4-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,868.83	834.51
		For Corrugated Coated Steel Tape Armored Cable, Add	*41.65*	
27 15 23 00-0359	MLF	6-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	3,035.15	834.51
		For Corrugated Coated Steel Tape Armored Cable, Add	*107.74*	
27 15 23 00-0360	MLF	8-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	3,261.95	834.51
		For Corrugated Coated Steel Tape Armored Cable, Add	*-65.42*	
27 15 23 00-0361	MLF	12-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	3,356.45	834.51
		For Corrugated Coated Steel Tape Armored Cable, Add	*-34.76*	
27 15 23 00-0362	MLF	18-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	3,677.75	834.51
		For Corrugated Coated Steel Tape Armored Cable, Add	*-16.39*	
27 15 23 00-0363	MLF	24-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	4,358.15	834.51
		For Corrugated Coated Steel Tape Armored Cable, Add	*-88.94*	
27 15 23 00-0364	MLF	36-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	5,359.85	834.51
		For Corrugated Coated Steel Tape Armored Cable, Add	*-0.08*	
27 15 23 00-0365	MLF	48-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	6,474.95	834.51
		For Corrugated Coated Steel Tape Armored Cable, Add	*-203.39*	
27 15 23 00-0366	MLF	60-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	7,249.85	834.51
		For Corrugated Coated Steel Tape Armored Cable, Add	*-102.28*	
27 15 23 00-0367	MLF	72-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	8,251.55	834.51
		For Corrugated Coated Steel Tape Armored Cable, Add	*469.28*	
27 15 23 00-0368	MLF	96-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	10,576.25	834.51
		For Corrugated Coated Steel Tape Armored Cable, Add	*-210.64*	
27 15 23 00-0369	MLF	120-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	12,882.05	834.51
		For Corrugated Coated Steel Tape Armored Cable, Add	*-281.69*	
27 15 23 00-0370	MLF	144-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	15,187.85	834.51
		For Corrugated Coated Steel Tape Armored Cable, Add	*-334.85*	

27 15 23 00-0371 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0340)*

27 15 23 00-0372	MLF	2-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	1,726.09	834.51
		For Corrugated Coated Steel Tape Armored Cable, Add	*121.14*	
27 15 23 00-0373	MLF	4-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	1,842.56	834.51
		For Corrugated Coated Steel Tape Armored Cable, Add	*129.91*	
27 15 23 00-0374	MLF	6-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	1,958.85	834.51
		For Corrugated Coated Steel Tape Armored Cable, Add	*138.47*	
27 15 23 00-0375	MLF	8-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,102.51	834.51
		For Corrugated Coated Steel Tape Armored Cable, Add	*157.64*	
27 15 23 00-0376	MLF	12-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,308.25	834.51
		For Corrugated Coated Steel Tape Armored Cable, Add	*164.38*	
27 15 23 00-0377	MLF	18-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,672.00	834.51
		For Corrugated Coated Steel Tape Armored Cable, Add	*175.19*	
27 15 23 00-0378	MLF	24-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	3,016.57	834.51
		For Corrugated Coated Steel Tape Armored Cable, Add	*201.47*	
27 15 23 00-0379	MLF	36-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	3,676.02	834.51
		For Corrugated Coated Steel Tape Armored Cable, Add	*223.88*	
27 15 23 00-0380	MLF	48-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	4,447.35	834.51
		For Corrugated Coated Steel Tape Armored Cable, Add	*257.42*	
27 15 23 00-0381	MLF	60-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	5,159.77	834.51
		For Corrugated Coated Steel Tape Armored Cable, Add	*277.00*	
27 15 23 00-0382	MLF	72-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	5,911.70	834.51
		For Corrugated Coated Steel Tape Armored Cable, Add	*313.52*	
27 15 23 00-0383	MLF	96-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	7,432.49	834.51
		For Corrugated Coated Steel Tape Armored Cable, Add	*352.51*	
27 15 23 00-0384	MLF	120-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	8,977.70	834.51
		For Corrugated Coated Steel Tape Armored Cable, Add	*400.06*	
27 15 23 00-0385	MLF	144-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	10,546.76	834.51
		For Corrugated Coated Steel Tape Armored Cable, Add	*367.48*	

27 15 23 00-0386 Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0339)*

27 15 23 00-0387 Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0386)*

27 15 23 00-0388	MLF	2-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,172.76	834.51
		For Corrugated Coated Steel Tape Armored Cable, Add	*223.86*	
27 15 23 00-0389	MLF	4-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,241.53	834.51
		For Corrugated Coated Steel Tape Armored Cable, Add	*321.31*	
27 15 23 00-0390	MLF	6-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,262.18	834.51
		For Corrugated Coated Steel Tape Armored Cable, Add	*307.93*	
27 15 23 00-0391	MLF	8-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,344.56	834.51
		For Corrugated Coated Steel Tape Armored Cable, Add	*256.34*	
27 15 23 00-0392	MLF	12-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,370.27	834.51
		For Corrugated Coated Steel Tape Armored Cable, Add	*306.37*	
27 15 23 00-0393	MLF	18-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,485.72	834.51
		For Corrugated Coated Steel Tape Armored Cable, Add	*290.57*	
27 15 23 00-0394	MLF	24-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,589.24	834.51
		For Corrugated Coated Steel Tape Armored Cable, Add	*294.02*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 23 00-0395	MLF	36-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,754.38	834.51
		For Corrugated Coated Steel Tape Armored Cable, Add	*372.85*	
27 15 23 00-0396	MLF	48-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,987.04	834.51
		For Corrugated Coated Steel Tape Armored Cable, Add	*377.71*	
27 15 23 00-0397	MLF	60-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	3,218.80	834.51
		For Corrugated Coated Steel Tape Armored Cable, Add	*391.31*	
27 15 23 00-0398	MLF	72-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	3,533.00	834.51
		For Corrugated Coated Steel Tape Armored Cable, Add	*336.59*	
27 15 23 00-0399	MLF	96-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	4,041.24	834.51
		For Corrugated Coated Steel Tape Armored Cable, Add	*438.97*	
27 15 23 00-0400	MLF	120-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	4,706.15	834.51
		For Corrugated Coated Steel Tape Armored Cable, Add	*432.24*	
27 15 23 00-0401	MLF	144-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	5,250.26	834.51
		For Corrugated Coated Steel Tape Armored Cable, Add	*345.27*	

27 15 23 00-0402 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0386)*

27 15 23 00-0403	MLF	2-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,404.61	834.51
		For Corrugated Coated Steel Tape Armored Cable, Add	*316.80*	
27 15 23 00-0404	MLF	4-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,645.38	834.51
		For Corrugated Coated Steel Tape Armored Cable, Add	*177.41*	
27 15 23 00-0405	MLF	6-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,962.18	834.51
		For Corrugated Coated Steel Tape Armored Cable, Add	*38.02*	
27 15 23 00-0406	MLF	8-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	3,114.24	834.51
		For Corrugated Coated Steel Tape Armored Cable, Add	*63.36*	
27 15 23 00-0407	MLF	12-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	3,266.31	834.51
		For Corrugated Coated Steel Tape Armored Cable, Add	*63.36*	
27 15 23 00-0408	MLF	18-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	3,621.12	834.51
		For Corrugated Coated Steel Tape Armored Cable, Add	*76.03*	
27 15 23 00-0409	MLF	24-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	3,937.92	834.51
		For Corrugated Coated Steel Tape Armored Cable, Add	*291.46*	
27 15 23 00-0410	MLF	36-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	4,622.21	834.51
		For Corrugated Coated Steel Tape Armored Cable, Add	*570.24*	
27 15 23 00-0411	MLF	48-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	5,306.50	834.51
		For Corrugated Coated Steel Tape Armored Cable, Add	*950.40*	
27 15 23 00-0412	MLF	60-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	5,876.74	834.51
		For Corrugated Coated Steel Tape Armored Cable, Add	*1,045.44*	
27 15 23 00-0413	MLF	72-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	6,624.39	834.51
		For Corrugated Coated Steel Tape Armored Cable, Add	*1,330.56*	
27 15 23 00-0414	MLF	96-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	8,183.04	834.51
		For Corrugated Coated Steel Tape Armored Cable, Add	*1,964.16*	
27 15 23 00-0415	MLF	120-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	8,968.71	834.51
		For Corrugated Coated Steel Tape Armored Cable, Add	*1,482.62*	
27 15 23 00-0416	MLF	144-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	10,983.55	834.51
		For Corrugated Coated Steel Tape Armored Cable, Add	*3,611.52*	

27 15 23 00-0417 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0386)*

27 15 23 00-0418	MLF	2-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	1,804.73	834.51
		For Corrugated Coated Steel Tape Armored Cable, Add	*152.06*	
27 15 23 00-0419	MLF	4-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	1,918.78	834.51
		For Corrugated Coated Steel Tape Armored Cable, Add	*164.38*	
27 15 23 00-0420	MLF	6-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,032.64	834.51
		For Corrugated Coated Steel Tape Armored Cable, Add	*176.68*	
27 15 23 00-0421	MLF	8-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,146.69	834.51
		For Corrugated Coated Steel Tape Armored Cable, Add	*188.97*	
27 15 23 00-0422	MLF	12-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,442.12	834.51
		For Corrugated Coated Steel Tape Armored Cable, Add	*203.26*	
27 15 23 00-0423	MLF	18-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,731.82	834.51
		For Corrugated Coated Steel Tape Armored Cable, Add	*238.19*	
27 15 23 00-0424	MLF	24-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	3,086.79	834.51
		For Corrugated Coated Steel Tape Armored Cable, Add	*258.71*	
27 15 23 00-0425	MLF	36-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	3,773.88	834.51
		For Corrugated Coated Steel Tape Armored Cable, Add	*319.65*	
27 15 23 00-0426	MLF	48-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	4,473.82	834.51
		For Corrugated Coated Steel Tape Armored Cable, Add	*366.23*	
27 15 23 00-0427	MLF	60-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	5,176.17	834.51
		For Corrugated Coated Steel Tape Armored Cable, Add	*407.82*	
27 15 23 00-0428	MLF	72-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	5,914.67	834.51
		For Corrugated Coated Steel Tape Armored Cable, Add	*454.78*	
27 15 23 00-0429	MLF	96-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	7,413.30	834.51
		For Corrugated Coated Steel Tape Armored Cable, Add	*536.25*	
27 15 23 00-0430	MLF	120-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	9,347.60	834.51
		For Corrugated Coated Steel Tape Armored Cable, Add	*554.35*	
27 15 23 00-0431	MLF	144-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	10,481.17	834.51
		For Corrugated Coated Steel Tape Armored Cable, Add	*572.27*	

27 15 23 00-0432 Outdoor Fiber Optic Cable, Buried In Trench *(27 15 23 00-0338)*

Note: Excludes trenching.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 23 00-0433		Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench *(27 15 23 00-0432)*		
27 15 23 00-0434		Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench *(27 15 23 00-0433)*		
27 15 23 00-0435	MLF	2-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,854.89	
		For Corrugated Coated Steel Tape Armored Cable, Add	*283.28*	
27 15 23 00-0436	MLF	4-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,890.15	
		For Corrugated Coated Steel Tape Armored Cable, Add	*285.63*	
27 15 23 00-0437	MLF	6-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,925.47	
		For Corrugated Coated Steel Tape Armored Cable, Add	*287.90*	
27 15 23 00-0438	MLF	8-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,960.76	
		For Corrugated Coated Steel Tape Armored Cable, Add	*290.66*	
27 15 23 00-0439	MLF	12-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,030.89	
		For Corrugated Coated Steel Tape Armored Cable, Add	*263.01*	
27 15 23 00-0440	MLF	18-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,174.34	
		For Corrugated Coated Steel Tape Armored Cable, Add	*293.03*	
27 15 23 00-0441	MLF	24-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,248.07	
		For Corrugated Coated Steel Tape Armored Cable, Add	*230.68*	
27 15 23 00-0442	MLF	36-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,270.82	
		For Corrugated Coated Steel Tape Armored Cable, Add	*269.63*	
27 15 23 00-0443	MLF	48-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,692.82	
		For Corrugated Coated Steel Tape Armored Cable, Add	*296.64*	
27 15 23 00-0444	MLF	60-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	3,222.09	
		For Corrugated Coated Steel Tape Armored Cable, Add	*296.61*	
27 15 23 00-0445	MLF	72-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	3,577.91	
		For Corrugated Coated Steel Tape Armored Cable, Add	*350.57*	
27 15 23 00-0446	MLF	96-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	3,758.75	
		For Corrugated Coated Steel Tape Armored Cable, Add	*336.58*	
27 15 23 00-0447	MLF	120-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	4,339.40	
		For Corrugated Coated Steel Tape Armored Cable, Add	*408.71*	
27 15 23 00-0448	MLF	144-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	4,947.10	
		For Corrugated Coated Steel Tape Armored Cable, Add	*273.59*	
27 15 23 00-0449		50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench *(27 15 23 00-0433)*		
27 15 23 00-0450	MLF	2-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,673.54	
		For Corrugated Coated Steel Tape Armored Cable, Add	*-4.10*	
27 15 23 00-0451	MLF	4-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,752.92	
		For Corrugated Coated Steel Tape Armored Cable, Add	*41.65*	
27 15 23 00-0452	MLF	6-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,919.24	
		For Corrugated Coated Steel Tape Armored Cable, Add	*107.74*	
27 15 23 00-0453	MLF	8-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	3,146.04	
		For Corrugated Coated Steel Tape Armored Cable, Add	*-65.42*	
27 15 23 00-0454	MLF	12-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	3,240.54	
		For Corrugated Coated Steel Tape Armored Cable, Add	*-34.76*	
27 15 23 00-0455	MLF	18-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	3,561.84	
		For Corrugated Coated Steel Tape Armored Cable, Add	*-16.39*	
27 15 23 00-0456	MLF	24-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	4,242.24	
		For Corrugated Coated Steel Tape Armored Cable, Add	*-88.94*	
27 15 23 00-0457	MLF	36-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	5,243.94	
		For Corrugated Coated Steel Tape Armored Cable, Add	*-0.08*	
27 15 23 00-0458	MLF	48-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	6,359.04	
		For Corrugated Coated Steel Tape Armored Cable, Add	*-203.39*	
27 15 23 00-0459	MLF	60-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	7,133.94	
		For Corrugated Coated Steel Tape Armored Cable, Add	*-102.28*	
27 15 23 00-0460	MLF	72-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	8,135.64	
		For Corrugated Coated Steel Tape Armored Cable, Add	*469.28*	
27 15 23 00-0461	MLF	96-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	10,460.34	
		For Corrugated Coated Steel Tape Armored Cable, Add	*-210.64*	
27 15 23 00-0462	MLF	120-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	12,766.14	
		For Corrugated Coated Steel Tape Armored Cable, Add	*-281.69*	
27 15 23 00-0463	MLF	144-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	15,071.94	
		For Corrugated Coated Steel Tape Armored Cable, Add	*-334.85*	
27 15 23 00-0464		62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench *(27 15 23 00-0433)*		
27 15 23 00-0465	MLF	2-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,610.18	
		For Corrugated Coated Steel Tape Armored Cable, Add	*121.14*	
27 15 23 00-0466	MLF	4-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,726.65	
		For Corrugated Coated Steel Tape Armored Cable, Add	*129.91*	
27 15 23 00-0467	MLF	6-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,842.94	
		For Corrugated Coated Steel Tape Armored Cable, Add	*138.47*	
27 15 23 00-0468	MLF	8-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,986.60	
		For Corrugated Coated Steel Tape Armored Cable, Add	*157.64*	
27 15 23 00-0469	MLF	12-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,192.34	
		For Corrugated Coated Steel Tape Armored Cable, Add	*164.38*	
27 15 23 00-0470	MLF	18-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,556.09	
		For Corrugated Coated Steel Tape Armored Cable, Add	*175.19*	
27 15 23 00-0471	MLF	24-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,900.66	
		For Corrugated Coated Steel Tape Armored Cable, Add	*201.47*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 23 00-0472	MLF	36-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	3,560.11	
		For Corrugated Coated Steel Tape Armored Cable, Add	*223.88*	
27 15 23 00-0473	MLF	48-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	4,331.44	
		For Corrugated Coated Steel Tape Armored Cable, Add	*257.42*	
27 15 23 00-0474	MLF	60-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	5,043.86	
		For Corrugated Coated Steel Tape Armored Cable, Add	*277.00*	
27 15 23 00-0475	MLF	72-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	5,795.79	
		For Corrugated Coated Steel Tape Armored Cable, Add	*313.52*	
27 15 23 00-0476	MLF	96-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	7,316.58	
		For Corrugated Coated Steel Tape Armored Cable, Add	*352.51*	
27 15 23 00-0477	MLF	120-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	8,861.79	
		For Corrugated Coated Steel Tape Armored Cable, Add	*400.06*	
27 15 23 00-0478	MLF	144-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	10,430.85	
		For Corrugated Coated Steel Tape Armored Cable, Add	*367.48*	

27 15 23 00-0479 Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench *(27 15 23 00-0432)*

27 15 23 00-0480 Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench *(27 15 23 00-0479)*

27 15 23 00-0481	MLF	2-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,056.85	
		For Corrugated Coated Steel Tape Armored Cable, Add	*223.86*	
27 15 23 00-0482	MLF	4-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,125.62	
		For Corrugated Coated Steel Tape Armored Cable, Add	*321.31*	
27 15 23 00-0483	MLF	6-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,146.27	
		For Corrugated Coated Steel Tape Armored Cable, Add	*307.93*	
27 15 23 00-0484	MLF	8-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,228.65	
		For Corrugated Coated Steel Tape Armored Cable, Add	*256.34*	
27 15 23 00-0485	MLF	12-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,254.36	
		For Corrugated Coated Steel Tape Armored Cable, Add	*306.37*	
27 15 23 00-0486	MLF	18-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,369.81	
		For Corrugated Coated Steel Tape Armored Cable, Add	*290.57*	
27 15 23 00-0487	MLF	24-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,473.33	
		For Corrugated Coated Steel Tape Armored Cable, Add	*294.02*	
27 15 23 00-0488	MLF	36-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,638.47	
		For Corrugated Coated Steel Tape Armored Cable, Add	*372.85*	
27 15 23 00-0489	MLF	48-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,871.13	
		For Corrugated Coated Steel Tape Armored Cable, Add	*377.71*	
27 15 23 00-0490	MLF	60-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	3,102.89	
		For Corrugated Coated Steel Tape Armored Cable, Add	*391.31*	
27 15 23 00-0491	MLF	72-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	3,417.09	
		For Corrugated Coated Steel Tape Armored Cable, Add	*336.59*	
27 15 23 00-0492	MLF	96-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	3,925.33	
		For Corrugated Coated Steel Tape Armored Cable, Add	*438.97*	
27 15 23 00-0493	MLF	120-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	4,590.24	
		For Corrugated Coated Steel Tape Armored Cable, Add	*432.24*	
27 15 23 00-0494	MLF	144-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	5,134.35	
		For Corrugated Coated Steel Tape Armored Cable, Add	*345.27*	

27 15 23 00-0495 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench *(27 15 23 00-0479)*

27 15 23 00-0496	MLF	2-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,288.70	
		For Corrugated Coated Steel Tape Armored Cable, Add	*316.80*	
27 15 23 00-0497	MLF	4-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,529.47	
		For Corrugated Coated Steel Tape Armored Cable, Add	*177.41*	
27 15 23 00-0498	MLF	6-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,846.27	
		For Corrugated Coated Steel Tape Armored Cable, Add	*38.02*	
27 15 23 00-0499	MLF	8-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,998.33	
		For Corrugated Coated Steel Tape Armored Cable, Add	*63.36*	
27 15 23 00-0500	MLF	12-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	3,150.40	
		For Corrugated Coated Steel Tape Armored Cable, Add	*63.36*	
27 15 23 00-0501	MLF	18-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	3,505.21	
		For Corrugated Coated Steel Tape Armored Cable, Add	*76.03*	
27 15 23 00-0502	MLF	24-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	3,822.01	
		For Corrugated Coated Steel Tape Armored Cable, Add	*291.46*	
27 15 23 00-0503	MLF	36-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	4,506.30	
		For Corrugated Coated Steel Tape Armored Cable, Add	*570.24*	
27 15 23 00-0504	MLF	48-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	5,190.59	
		For Corrugated Coated Steel Tape Armored Cable, Add	*950.40*	
27 15 23 00-0505	MLF	60-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	5,760.83	
		For Corrugated Coated Steel Tape Armored Cable, Add	*1,045.44*	
27 15 23 00-0506	MLF	72-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	6,508.48	
		For Corrugated Coated Steel Tape Armored Cable, Add	*1,330.56*	
27 15 23 00-0507	MLF	96-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	8,067.13	
		For Corrugated Coated Steel Tape Armored Cable, Add	*1,964.16*	
27 15 23 00-0508	MLF	120-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	8,852.80	
		For Corrugated Coated Steel Tape Armored Cable, Add	*1,482.62*	
27 15 23 00-0509	MLF	144-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	10,867.64	
		For Corrugated Coated Steel Tape Armored Cable, Add	*3,611.52*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 23 00-0510		62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench *(27 15 23 00-0479)*		
27 15 23 00-0511	MLF	2-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,688.82	
		For Corrugated Coated Steel Tape Armored Cable, Add	*152.06*	
27 15 23 00-0512	MLF	4-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,802.87	
		For Corrugated Coated Steel Tape Armored Cable, Add	*164.38*	
27 15 23 00-0513	MLF	6-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,916.73	
		For Corrugated Coated Steel Tape Armored Cable, Add	*176.68*	
27 15 23 00-0514	MLF	8-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,030.78	
		For Corrugated Coated Steel Tape Armored Cable, Add	*188.97*	
27 15 23 00-0515	MLF	12-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,326.21	
		For Corrugated Coated Steel Tape Armored Cable, Add	*203.26*	
27 15 23 00-0516	MLF	18-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,615.91	
		For Corrugated Coated Steel Tape Armored Cable, Add	*238.19*	
27 15 23 00-0517	MLF	24-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,970.88	
		For Corrugated Coated Steel Tape Armored Cable, Add	*258.71*	
27 15 23 00-0518	MLF	36-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	3,657.97	
		For Corrugated Coated Steel Tape Armored Cable, Add	*319.65*	
27 15 23 00-0519	MLF	48-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	4,357.91	
		For Corrugated Coated Steel Tape Armored Cable, Add	*366.23*	
27 15 23 00-0520	MLF	60-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	5,060.26	
		For Corrugated Coated Steel Tape Armored Cable, Add	*407.82*	
27 15 23 00-0521	MLF	72-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	5,798.76	
		For Corrugated Coated Steel Tape Armored Cable, Add	*454.78*	
27 15 23 00-0522	MLF	96-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	7,297.39	
		For Corrugated Coated Steel Tape Armored Cable, Add	*536.25*	
27 15 23 00-0523	MLF	120-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	8,894.03	
		For Corrugated Coated Steel Tape Armored Cable, Add	*554.35*	
27 15 23 00-0524	MLF	144-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	10,365.26	
		For Corrugated Coated Steel Tape Armored Cable, Add	*572.27*	
27 15 23 00-0525		(Aerial) Outdoor Fiber Optic Cable, Installed On Poles *(27 15 23 00-0338)*		
27 15 23 00-0526		Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles *(27 15 23 00-0525)*		
27 15 23 00-0527		Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles *(27 15 23 00-0526)*		
27 15 23 00-0528	MLF	2-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles	9,137.53	3,110.30
		For Corrugated Coated Steel Tape Armored Cable, Add	*189.47*	
27 15 23 00-0529	MLF	4-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles	9,172.57	3,110.30
		For Corrugated Coated Steel Tape Armored Cable, Add	*194.38*	
27 15 23 00-0530	MLF	6-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles	9,208.08	3,110.30
		For Corrugated Coated Steel Tape Armored Cable, Add	*199.15*	
27 15 23 00-0531	MLF	8-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles	9,243.13	3,110.30
		For Corrugated Coated Steel Tape Armored Cable, Add	*195.34*	
27 15 23 00-0532	MLF	12-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles	9,313.24	3,110.30
		For Corrugated Coated Steel Tape Armored Cable, Add	*227.73*	
27 15 23 00-0533	MLF	18-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles	9,451.70	3,110.30
		For Corrugated Coated Steel Tape Armored Cable, Add	*236.75*	
27 15 23 00-0534	MLF	24-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles	9,557.29	3,110.30
		For Corrugated Coated Steel Tape Armored Cable, Add	*261.68*	
27 15 23 00-0535	MLF	36-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles	9,808.35	3,110.30
		For Corrugated Coated Steel Tape Armored Cable, Add	*250.91*	
27 15 23 00-0536	MLF	48-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles	10,027.90	3,110.30
		For Corrugated Coated Steel Tape Armored Cable, Add	*291.49*	
27 15 23 00-0537	MLF	60-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles	10,209.40	3,110.30
		For Corrugated Coated Steel Tape Armored Cable, Add	*279.52*	
27 15 23 00-0538	MLF	72-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles	10,435.82	3,110.30
		For Corrugated Coated Steel Tape Armored Cable, Add	*319.58*	
27 15 23 00-0539	MLF	96-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles	11,030.04	3,110.30
		For Corrugated Coated Steel Tape Armored Cable, Add	*324.58*	
27 15 23 00-0540	MLF	120-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles	11,667.58	3,110.30
		For Corrugated Coated Steel Tape Armored Cable, Add	*387.31*	
27 15 23 00-0541	MLF	144-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles	11,820.42	3,110.30
		For Corrugated Coated Steel Tape Armored Cable, Add	*415.88*	
27 15 23 00-0542		Hybrid, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0338)*		
		Note: Singlemode and multimode combination cable. Excludes conduit or innerduct.		
27 15 23 00-0543		Riser Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0542)*		
27 15 23 00-0544	MLF	12-Fiber, 6 Singlemode/6 Multimode, Riser Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit	3,838.75	695.42
27 15 23 00-0545	MLF	24-Fiber, 12 Singlemode/12 Multimode, Riser Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit	4,864.69	695.42
27 15 23 00-0546	MLF	48-Fiber, 24 Singlemode/24 Multimode, Riser Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit	7,150.12	695.42
27 15 23 00-0547		Plenum Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit *(27 15 23 00-0542)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 23 00-0548	MLF	12-Fiber, 6 Singlemode/6 Multimode, Plenum Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit	5,147.29	695.42
27 15 23 00-0549	MLF	24-Fiber, 12 Singlemode/12 Multimode, Plenum Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit	5,730.31	695.42
27 15 23 00-0550	MLF	48-Fiber, 24 Singlemode/24 Multimode, Plenum Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit	8,280.63	695.42
27 15 23 00-0551		Hybrid, Indoor/Outdoor Fiber Optic Cable, Buried In Trench *(27 15 23 00-0338)*		
		Note: Singlemode and multimode combination cable. Excludes trenching.		
27 15 23 00-0552		Riser Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Buried In Trench *(27 15 23 00-0551)*		
27 15 23 00-0553	MLF	12-Fiber, 6 Singlemode/6 Multimode, Riser Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Buried In Trench	3,722.84	637.47
27 15 23 00-0554	MLF	24-Fiber, 12 Singlemode/12 Multimode, Riser Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Buried In Trench	4,748.78	637.47
27 15 23 00-0555	MLF	48-Fiber, 24 Singlemode/24 Multimode, Riser Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Buried In Trench	7,034.21	637.47
27 15 23 00-0556		Plenum Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Buried In Trench *(27 15 23 00-0551)*		
27 15 23 00-0557	MLF	12-Fiber, 6 Singlemode/6 Multimode, Plenum Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Buried In Trench	5,031.38	637.47
27 15 23 00-0558	MLF	24-Fiber, 12 Singlemode/12 Multimode, Plenum Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Buried In Trench	5,614.40	637.47
27 15 23 00-0559	MLF	48-Fiber, 24 Singlemode/24 Multimode, Plenum Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Buried In Trench	8,164.72	637.47
27 15 33		**Communications Coaxial Horizontal Cabling** *(27 15)*		
		Note: Cable installed in conduit includes pull wires and installation in conduit, innerduct, wiremold, etc. Cable installed exposed includes installation on exposed surfaces, uncovered wireways, cable trays, etc.		
27 15 33 00-0001		Indoor Coaxial Cable *(27 15 33)*		
27 15 33 00-0002		Coaxial, Indoor Telecommunications Cable *(27 15 33 00-0001)*		
27 15 33 00-0003		Coaxial, Indoor Telecommunications Cable, Installed In Conduit *(27 15 33 00-0002)*		
27 15 33 00-0004	MLF	RG 59/U Coaxial, Indoor Telecommunications Cable, Installed In Conduit (Belden 9108)	1,812.03	486.80
27 15 33 00-0005	MLF	RG 59/U Plenum Coaxial, Indoor Telecommunications Cable, Installed In Conduit (Belden 82108)	4,666.35	486.80
27 15 33 00-0006	MLF	RG 6/U Coaxial, Indoor Telecommunications Cable, Installed In Conduit (Belden 9114)	1,409.10	556.34
27 15 33 00-0007	MLF	RG 6/U Plenum Coaxial, Indoor Telecommunications Cable, Installed In Conduit (Belden 82120)	5,906.63	556.34
27 15 33 00-0008		Coaxial, Indoor Telecommunications Cable, Installed Exposed *(27 15 33 00-0002)*		
27 15 33 00-0009	MLF	RG 59/U Coaxial, Indoor Telecommunications Cable, Installed Exposed (Belden 9108)	2,623.35	973.59
		For Work In Restricted Working Space, Add	*486.80*	
27 15 33 00-0010	MLF	RG 59/U Plenum Coaxial, Indoor Telecommunications Cable, Installed Exposed (Belden 82108)	5,477.67	973.59
		For Work In Restricted Working Space, Add	*486.80*	
27 15 33 00-0011	MLF	RG 6/U Coaxial, Indoor Telecommunications Cable, Installed Exposed (Belden 9114)	2,336.34	1,112.67
		For Work In Restricted Working Space, Add	*556.34*	
27 15 33 00-0012	MLF	RG 6/U Plenum Coaxial, Indoor Telecommunications Cable, Installed Exposed (Belden 82120)	6,833.87	1,112.67
		For Work In Restricted Working Space, Add	*556.34*	
27 15 33 00-0013		Coaxial Distribution Cable *(27 15 33 00-0001)*		
		Note: Cables shall be as Belden, Times Fiber, West Penn or approved equal. For tasks installed in conduit, tasks exclude conduit.		
27 15 33 00-0014	MLF	RG-6/U Coaxial Distribution Cable, Installed In Conduit	3,156.10	338.84
27 15 33 00-0015	MLF	RG-6A/U Coaxial Distribution Cable, Installed In Conduit	12,757.68	338.84
27 15 33 00-0016	MLF	RG-8/U Coaxial Distribution Cable, Installed In Conduit	6,509.72	357.90
27 15 33 00-0017	MLF	RG-8A/U Coaxial Distribution Cable, Installed In Conduit	8,313.31	357.90
27 15 33 00-0018	MLF	RG-11/U Coaxial Distribution Cable, Installed In Conduit	7,269.48	423.55
27 15 33 00-0019	MLF	RG-11A/U Coaxial Distribution Cable, Installed In Conduit	10,757.48	423.55
27 15 33 00-0020	MLF	RG-11/U Coaxial Distribution Cable, Plenum Rated, Installed Exposed	23,651.24	592.97
27 15 33 00-0021	MLF	RG-58/U Coaxial Distribution Cable, Installed In Conduit	2,272.55	296.49
27 15 33 00-0022	MLF	RG-58A/U Coaxial Distribution Cable, Installed In Conduit	2,629.94	296.49
27 15 33 00-0023	MLF	RG-58C/U Coaxial Distribution Cable, Installed In Conduit	3,259.51	296.49
27 15 33 00-0024	MLF	RG-58/U Coaxial Distribution Cable, Plenum Rated, Installed Exposed	8,113.00	592.97
27 15 33 00-0025	MLF	RG-59/U Coaxial Distribution Cable, Installed In Conduit	3,942.26	296.49
27 15 33 00-0026	MLF	RG-59/U Coaxial Distribution Cable, Plenum Rated, Installed Exposed	9,986.22	592.97
27 15 33 00-0027	MLF	1/2" Hard Line Coaxial, Installed In Conduit	3,094.12	423.55
27 15 33 00-0028		Outdoor Coaxial Cable *(27 15 33)*		
27 15 33 00-0029		Coaxial Cables "Television" Copper Covered Aluminum Center Core *(27 15 33 00-0028)*		
		Note: Corrugated steel armor jacket.		
27 15 33 00-0030	MLF	TV Coaxial Trunk Cable 3/4" Diameter, Direct Burial	7,937.40	1,585.35
27 15 33 00-0031	MLF	TV Coaxial Distribution Cable 1/2" Diameter, Direct Burial	4,826.32	1,115.11
27 15 33 00-0032	MLF	TV Coaxial Distribution Cable 3/8" Diameter, Direct Burial	4,515.68	657.89
27 15 33 00-0033	MLF	TV Coaxial Cable Drop 1/4" Diameter, Direct Burial	2,012.18	657.89
27 15 33 00-0034	MLF	1/4" Diameter, TV Coaxial Cable Drop, Installed In Conduit	2,937.38	1,027.96

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 43		**Communications Faceplates and Connectors** *(27 15)*		
27 15 43 00-0001		Wall Mounted Telephone Faceplates *(27 15 43)*		
		Note: Includes standard telephone mounting studs.		
27 15 43 00-0002		Plastic Faceplates For Wall Mounted Telephones *(27 15 43 00-0001)*		
27 15 43 00-0003	EA	Single Gang, 6-Position RJ25 Jack, Flush, Plastic Faceplate For Wall Mounted Telephones	42.06	14.48
27 15 43 00-0004		Stainless Steel Faceplates For Wall Mounted Telephones *(27 15 43 00-0001)*		
27 15 43 00-0005	EA	Single Gang, Keystone Opening, Flush, Stainless Steel Faceplate For Wall Mounted Telephones	34.05	5.79
		Note: Requires one snap-in modular jack.		
27 15 43 00-0006	EA	Single Gang, 6-Position RJ25 Jack, Flush, Stainless Steel Faceplate For Wall Mounted Telephones	59.31	14.48
27 15 43 00-0007	EA	Single Gang, 8-Position RJ45 Jack, Flush, Stainless Steel Faceplate For Wall Mounted Telephones	69.04	17.39
27 15 43 00-0008	EA	Single Gang, Keystone Opening, Recessed, Stainless Steel Faceplate For Wall Mounted Telephones	32.74	5.79
		Note: Requires one snap-in modular jack.		
27 15 43 00-0009	EA	Single Gang, 6-Position RJ25 Jack, Recessed, Stainless Steel Faceplate For Wall Mounted Telephones	53.77	14.48
27 15 43 00-0010	EA	Single Gang, 8-Position RJ45 Jack, Recessed, Stainless Steel Faceplate For Wall Mounted Telephones	63.65	17.39
27 15 43 00-0011		Plastic Communications Faceplates *(27 15 43)*		
		Note: Excludes modular jacks. See CSI section 27 15 43 00-0051 for modular jacks.		
27 15 43 00-0012	EA	One Port, Single Gang, Plastic Communication Faceplate With Station ID	9.41	2.90
27 15 43 00-0013	EA	Two Port, Single Gang, Plastic Communication Faceplate With Station ID	9.41	2.90
27 15 43 00-0014	EA	Three Port, Single Gang, Plastic Communication Faceplate With Station ID	9.41	2.90
27 15 43 00-0015	EA	Four Port, Single Gang, Plastic Communication Faceplate With Station ID	9.41	2.90
27 15 43 00-0016	EA	Six Port, Single Gang, Plastic Communication Faceplate With Station ID	9.41	2.90
27 15 43 00-0017	EA	Four Port, Double Gang, Plastic Communications Faceplate With Station ID	16.77	2.90
27 15 43 00-0018	EA	Six Port, Double Gang, Plastic Communication Faceplate With Station ID	16.77	2.90
27 15 43 00-0019	EA	Eight Port, Double Gang, Plastic Communication Faceplate With Station ID	16.77	2.90
27 15 43 00-0020	EA	Nine Port, Double Gang, Plastic Communication Faceplate With Station ID	16.77	2.90
27 15 43 00-0021	EA	Twelve Port, Double Gang, Plastic Communication Faceplate With Station ID	16.77	2.90
27 15 43 00-0022		Stainless Steel Communications Faceplates *(27 15 43)*		
		Note: Excludes modular jacks. See CSI section 27 15 43 00-0051 for modular jacks.		
27 15 43 00-0023		Stainless Steel Communications Faceplates *(27 15 43 00-0022)*		
27 15 43 00-0024	EA	One Port, Single Gang, Stainless Steel Communications Faceplate	18.15	2.90
27 15 43 00-0025	EA	Two Port, Single Gang, Stainless Steel Communications Faceplate	18.15	2.90
27 15 43 00-0026	EA	Three Port, Single Gang, Stainless Steel Communications Faceplate	18.15	2.90
27 15 43 00-0027	EA	Four Port, Single Gang, Stainless Steel Communications Faceplate	19.44	2.90
27 15 43 00-0028	EA	Six Port, Single Gang, Stainless Steel Communications Faceplate	19.44	2.90
27 15 43 00-0029	EA	Four Port, Double Gang, Stainless Steel Communications Faceplate	26.33	2.90
27 15 43 00-0030	EA	Six Port, Double Gang, Stainless Steel Communications Faceplate	27.14	2.90
27 15 43 00-0031	EA	Eight Port, Double Gang, Stainless Steel Communications Faceplate	31.47	2.90
27 15 43 00-0032	EA	Nine Port, Double Gang, Stainless Steel Communication Faceplate	31.47	2.90
27 15 43 00-0033	EA	Twelve Port, Double Gang, Stainless Steel Communications Faceplate	31.47	2.90
27 15 43 00-0034		Stainless Steel Communications Faceplates With Station ID *(27 15 43 00-0022)*		
27 15 43 00-0035	EA	One Port, Single Gang, Stainless Steel Communications Faceplate With Station ID	26.17	2.90
27 15 43 00-0036	EA	Two Port, Single Gang, Stainless Steel Communications Faceplate With Station ID	26.17	2.90
27 15 43 00-0037	EA	Three Port, Single Gang, Stainless Steel Communications Faceplate With Station ID	26.17	2.90
27 15 43 00-0038	EA	Four Port, Single Gang, Stainless Steel Communications Faceplate With Station ID	26.17	2.90
27 15 43 00-0039	EA	Six Port, Single Gang, Stainless Steel Communications Faceplate With Station ID	26.17	2.90
27 15 43 00-0040	EA	Four Port, Double Gang, Stainless Steel Communications Faceplate With Station ID	56.81	2.90
27 15 43 00-0041	EA	Six Port, Double Gang, Stainless Steel Communications Faceplate With Station ID	56.81	2.90
27 15 43 00-0042	EA	Eight Port, Double Gang, Stainless Steel Communications Faceplate With Station ID	56.81	2.90
27 15 43 00-0043	EA	Nine Port, Double Gang, Stainless Steel Communication Faceplate With Station ID	56.81	2.90
27 15 43 00-0044	EA	Twelve Port, Double Gang, Stainless Steel Communications Faceplate With Station ID	56.81	2.90
27 15 43 00-0045		Surface Mount Plastic Communication Boxes *(27 15 43)*		
		Note: Excludes modular jacks. See CSI section 27 15 43 00-0051 for modular jacks.		
27 15 43 00-0046	EA	One Port, Surface Mount Plastic Communication Box With Station ID	33.60	14.51
27 15 43 00-0047	EA	Two Port, Surface Mount Plastic Communication Box With Station ID	34.40	14.51
27 15 43 00-0048	EA	Four Port, Surface Mount Plastic Communication Box With Station ID	39.94	14.51
27 15 43 00-0049	EA	Six Port, Surface Mount Plastic Communication Box With Station ID	46.52	14.51
27 15 43 00-0050	EA	Twelve Port, Surface Mount Plastic Communication Box With Station ID	53.41	14.51
27 15 43 00-0051		Snap-In Modular Jacks *(27 15 43)*		
		Note: Includes termination.		
27 15 43 00-0052	EA	Cat 3, Snap-In Modular Jack	32.36	11.61
27 15 43 00-0053	EA	Category 5E, Snap-In Modular Jack	34.13	11.61
27 15 43 00-0054	EA	Category 5E Shielded, Snap-In Modular Jack	39.42	11.61
27 15 43 00-0055	EA	Cat 6, Snap-In Modular Jack	39.42	11.61
27 15 43 00-0056	EA	Cat 6 Shielded, Snap-In Modular Jack	45.36	11.61
27 15 43 00-0057	EA	Cat 6A, Snap-In Modular Jack	46.26	11.61
27 15 43 00-0058	EA	Voice, RJ-11, Snap-In Modular Jack	24.19	5.80

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 43 00-0059	EA	SC Type Fiber Optic, Snap-In Modular Jack	36.37	11.61
27 15 43 00-0060	EA	ST Type Fiber Optic, Snap-In Modular Jack	40.87	11.61
27 15 43 00-0061	EA	LC Type Fiber Optic, Snap-In Modular Jack	49.69	11.61
27 15 43 00-0062	EA	Blank Fill In, Snap-In Modular Jack	6.63	2.90
27 15 43 00-0063	EA	Open Cable Pass Through Insert, Snap-In Modular Jack	8.01	2.90
27 15 43 00-0064	EA	Coaxial F-Type Coupler, Snap-In Modular Jack Note: Includes female to female connection.	27.21	8.70
		For Gold Bulkhead, Add	*1.71*	
27 15 43 00-0065	EA	RCA Jack Pass-Through Coupler, Snap-In Modular Jack Note: Includes female to female connection.	27.53	8.70
27 15 43 00-0066	EA	RCA Solder Coupler, Snap-In Modular Jack	53.98	11.61
27 15 43 00-0067	EA	RCA Jack With 110 Punch Down, Snap-In Modular Jack	66.97	11.61
27 15 43 00-0068	EA	3.5 m Mini Stereo Jack, Snap-In Modular Jack	33.65	11.61
27 15 43 00-0069	EA	MT-RJ Pass-Through Coupler, Snap-In Modular Jack	36.44	5.80
27 15 43 00-0070	EA	BNC Connector, Snap-In Modular Jack	38.94	11.61
27 15 43 00-0071	EA	S-Video With 110 Punch Down, Snap-In Modular Jack	43.75	11.61
27 15 43 00-0072	PR	Speaker Connectors, Snap-In Modular Jack Note: Includes a pair of binding posts, banana jacks or spring clip connectors. Requires two open ports.	61.58	17.42
27 15 43 00-0073	EA	USB Audio Video Connector, Snap-In Modular Jack	65.89	11.61

27 15 53 Communications Cable Innerduct *(27 15)*

Note: Cable installed in conduit includes pull wires and installation in conduit, innerduct, wiremold, etc. Cable installed exposed includes installation on exposed surfaces, uncovered wireways, cable trays, etc.

27 15 53 00-0001 Indoor Innerduct *(27 15 53)*

27 15 53 00-0002 Indoor Innerduct, Installed In Conduit *(27 15 53 00-0001)*

27 15 53 00-0003 Riser Rated, Indoor Innerduct, Installed In Conduit *(27 15 53 00-0002)*

27 15 53 00-0004	MLF	1" Riser Rated, Indoor Innerduct, Installed In Conduit	4,675.13	1,738.55
27 15 53 00-0005	MLF	1-1/4" Riser Rated, Indoor Innerduct, Installed In Conduit	6,038.08	2,318.07
27 15 53 00-0006	MLF	1-1/2" Riser Rated, Indoor Innerduct, Installed In Conduit	8,063.77	2,897.59
27 15 53 00-0007	MLF	2" Riser Rated, Indoor Innerduct, Installed In Conduit	9,401.24	3,477.11

27 15 53 00-0008 Plenum Rated, Indoor Innerduct, Installed In Conduit *(27 15 53 00-0002)*

27 15 53 00-0009	MLF	3/4" Plenum Rated, Indoor Innerduct, Installed In Conduit	7,106.80	1,159.04
27 15 53 00-0010	MLF	1" Plenum Rated, Indoor Innerduct, Installed In Conduit	7,951.18	1,738.55
27 15 53 00-0011	MLF	1-1/4" Plenum Rated, Indoor Innerduct, Installed In Conduit	10,024.06	2,318.07
27 15 53 00-0012	MLF	1-1/2" Plenum Rated, Indoor Innerduct, Installed In Conduit	12,896.58	2,897.59
27 15 53 00-0013	MLF	2" Plenum Rated, Indoor Innerduct, Installed In Conduit	15,521.59	3,477.11

27 15 53 00-0014 Indoor Innerduct, Installed Exposed *(27 15 53 00-0001)*

27 15 53 00-0015 Riser Rated, Indoor Innerduct, Installed Exposed *(27 15 53 00-0014)*

27 15 53 00-0016	MLF	1" Riser Rated, Indoor Innerduct, Installed Exposed	5,834.16	2,318.07
		For Work In Restricted Working Space, Add	*1,390.84*	
27 15 53 00-0017	MLF	1-1/4" Riser Rated, Indoor Innerduct, Installed Exposed	7,197.12	2,897.59
		For Work In Restricted Working Space, Add	*1,738.55*	
27 15 53 00-0018	MLF	1-1/2" Riser Rated, Indoor Innerduct, Installed Exposed	9,222.81	3,477.11
		For Work In Restricted Working Space, Add	*2,086.27*	
27 15 53 00-0019	MLF	2" Riser Rated, Indoor Innerduct, Installed Exposed	10,560.26	4,056.63
		For Work In Restricted Working Space, Add	*2,433.97*	

27 15 53 00-0020 Plenum Rated, Indoor Innerduct, Installed Exposed *(27 15 53 00-0014)*

27 15 53 00-0021	MLF	3/4" Plenum Rated, Indoor Innerduct, Installed Exposed	8,265.83	1,738.55
27 15 53 00-0022	MLF	1" Plenum Rated, Indoor Innerduct, Installed Exposed	9,110.21	2,318.07
		For Work In Restricted Working Space, Add	*1,390.84*	
27 15 53 00-0023	MLF	1-1/4" Plenum Rated, Indoor Innerduct, Installed Exposed	11,183.10	2,897.59
		For Work In Restricted Working Space, Add	*1,738.55*	
27 15 53 00-0024	MLF	1-1/2" Plenum Rated, Indoor Innerduct, Installed Exposed	14,055.62	3,477.11
		For Work In Restricted Working Space, Add	*2,086.27*	
27 15 53 00-0025	MLF	2" Plenum Rated, Indoor Innerduct, Installed Exposed	16,680.61	4,056.63
		For Work In Restricted Working Space, Add	*2,433.97*	

27 15 53 00-0026 Outdoor Innerduct *(27 15 53)*

27 15 53 00-0027 Outdoor Innerduct, Installed In Conduit *(27 15 53 00-0026)*

27 15 53 00-0028	MLF	1" Outdoor Innerduct, Installed In Conduit	4,369.25	1,738.55
27 15 53 00-0029	MLF	1-1/4" Outdoor Innerduct, Installed In Conduit	5,587.02	2,318.07
27 15 53 00-0030	MLF	1-1/2" Outdoor Innerduct, Installed In Conduit	7,151.74	2,897.59
27 15 53 00-0031	MLF	2" Outdoor Innerduct, Installed In Conduit	8,538.15	3,477.11

27 15 53 00-0032 Outdoor Innerduct, Buried In Trench *(27 15 53 00-0026)*

27 15 53 00-0033	MLF	1" Outdoor Innerduct, Buried In Trench	3,210.21	
27 15 53 00-0034	MLF	1-1/4" Outdoor Innerduct, Buried In Trench	4,427.99	
27 15 53 00-0035	MLF	1-1/2" Outdoor Innerduct, Buried In Trench	5,992.70	
27 15 53 00-0036	MLF	2" Outdoor Innerduct, Buried In Trench	7,379.11	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 16 Communications Connecting Cords, Devices, and Adapters *(27 10)*				
27 16 16 Communications Media Converters, Adapters, and Transceivers *(27 16)*				
27 16 16 00-0001		Fiber Optic Receivers *(27 16 16)*		
27 16 16 00-0002	EA	Fiber Optic Receiver, Range 6.2 Miles	997.63	57.95
27 16 16 00-0003		Fiber Optic Transmitters *(27 16 16)*		
27 16 16 00-0004	EA	Fiber Optic Transmitter, Range 6.2 Miles	997.62	57.95
27 16 16 00-0005		Fiber Optic Repeaters *(27 16 16)*		
		Note: Consist of transmitter and receiver, back-to-back. Excludes power source.		
27 16 16 00-0006	EA	Fiber Optic Repeater, 6.2 Miles Transmitter And Receiver Back-Back, No Power	1,113.52	115.91
27 16 16 00-0007	EA	Fiber Optic Digital Repeater, 2,000 Miles Transmitter And Receiver Back-Back, No Power	1,735.24	231.81
27 16 16 00-0008		Fiber Optic Transceivers *(27 16 16)*		
27 16 16 00-0009	EA	Fiber Optic Transceivers, 3,000 Miles Range	1,137.14	231.81
27 16 16 00-0010	EA	Fiber Optic Transceivers, Digital 2,000 Miles Range	1,137.14	231.81
27 16 16 00-0011	EA	Fiber Optic Ethernet Transceiver	1,498.85	347.71
27 16 16 00-0012	EA	Transceiver (Low Cost Bi- Directional)	555.46	86.93
27 16 19 Communications Patch Cords, Station Cords, and Cross Connect Wire *(27 16)*				
27 16 19 00-0001		Cross Connect Wire *(27 16 19)*		
		Note: Up to 20' length.		
27 16 19 00-0002	EA	2-Pair Cross Connect Wire	18.40	
27 16 19 00-0003	EA	3-Pair Cross Connect Wire	24.63	
27 16 19 00-0004	EA	4-Pair Cross Connect Wire	30.80	
27 16 19 00-0005		Fiber Optic Patch Cords *(27 16 19)*		
27 16 19 00-0006		Simplex Fiber Optic Patch Cables *(27 16 19 00-0005)*		
27 16 19 00-0007		Singlemode, Simplex Fiber Optic Patch Cables *(27 16 19 00-0006)*		
27 16 19 00-0008	EA	ST To ST Connectors, 1 Meter Length, Singlemode, Simplex Fiber Optic Patch Cable	55.31	
		For Each Additional Meter In Length, Add	*0.26*	
27 16 19 00-0009	EA	ST To SC Connectors, 1 Meter Length, Singlemode, Simplex Fiber Optic Patch Cable	44.75	
		For Each Additional Meter In Length, Add	*0.26*	
27 16 19 00-0010	EA	ST To LC Connectors, 1 Meter Length, Singlemode, Simplex Fiber Optic Patch Cable	58.48	
		For Each Additional Meter In Length, Add	*0.26*	
27 16 19 00-0011	EA	SC To SC Connectors, 1 Meter Length, Singlemode, Simplex Fiber Optic Patch Cable	47.16	
		For Each Additional Meter In Length, Add	*0.26*	
27 16 19 00-0012	EA	SC To LC Connectors, 1 Meter Length, Singlemode, Simplex Fiber Optic Patch Cable	54.87	
		For Each Additional Meter In Length, Add	*0.26*	
27 16 19 00-0013	EA	LC To LC Connectors, 1 Meter Length, Singlemode, Simplex Fiber Optic Patch Cable	54.01	
		For Each Additional Meter In Length, Add	*0.26*	
27 16 19 00-0014		Duplex Fiber Optic Patch Cables *(27 16 19 00-0005)*		
27 16 19 00-0015		Singlemode, Duplex Fiber Optic Patch Cables *(27 16 19 00-0014)*		
27 16 19 00-0016	EA	ST To ST Connectors, 1 Meter Length, Singlemode, Duplex Fiber Optic Patch Cable	97.75	
		For Each Additional Meter In Length, Add	*0.51*	
27 16 19 00-0017	EA	ST To SC Connectors, 1 Meter Length, Singlemode, Duplex Fiber Optic Patch Cable	94.78	
		For Each Additional Meter In Length, Add	*0.51*	
27 16 19 00-0018	EA	ST To LC Connectors, 1 Meter Length, Singlemode, Duplex Fiber Optic Patch Cable	105.36	
		For Each Additional Meter In Length, Add	*0.51*	
27 16 19 00-0019	EA	SC To SC Connectors, 1 Meter Length, Singlemode, Duplex Fiber Optic Patch Cable	81.49	
		For Each Additional Meter In Length, Add	*0.51*	
27 16 19 00-0020	EA	SC To LC Connectors, 1 Meter Length, Singlemode, Duplex Fiber Optic Patch Cable	96.88	
		For Each Additional Meter In Length, Add	*0.51*	
27 16 19 00-0021	EA	LC To LC Connectors, 1 Meter Length, Singlemode, Duplex Fiber Optic Patch Cable	95.19	
		For Each Additional Meter In Length, Add	*0.51*	
27 16 19 00-0022		Multimode, Duplex Fiber Optic Patch Cables *(27 16 19 00-0014)*		
27 16 19 00-0023	EA	ST To ST Connectors, 1 Meter Length, Multimode, Duplex Fiber Optic Patch Cable	73.35	
		For Each Additional Meter In Length, Add	*1.48*	
27 16 19 00-0024	EA	ST To SC Connectors, 1 Meter Length, Multimode, Duplex Fiber Optic Patch Cable	80.25	
		For Each Additional Meter In Length, Add	*1.48*	
27 16 19 00-0025	EA	ST To MTRJ Connectors, 1 Meter Length, Multimode, Duplex Fiber Optic Patch Cable	80.96	
		For Each Additional Meter In Length, Add	*1.48*	
27 16 19 00-0026	EA	ST To LC Connectors, 1 Meter Length, Multimode, Duplex Fiber Optic Patch Cable	83.17	
		For Each Additional Meter In Length, Add	*1.48*	
27 16 19 00-0027	EA	SC To SC Connectors, 1 Meter Length, Multimode, Duplex Fiber Optic Patch Cable	73.64	
		For Each Additional Meter In Length, Add	*1.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 16 19 00-0028	EA	SC To MTRJ Connectors, 1 Meter Length, Multimode, Duplex Fiber Optic Patch Cable	83.56	
		For Each Additional Meter In Length, Add	*1.48*	
27 16 19 00-0029	EA	SC To LC Connectors, 1 Meter Length, Multimode, Duplex Fiber Optic Patch Cable	98.53	
		For Each Additional Meter In Length, Add	*1.48*	
27 16 19 00-0030	EA	MTRJ To MTRJ Connectors, 1 Meter Length, Multimode, Duplex Fiber Optic Patch Cable	67.28	
		For Each Additional Meter In Length, Add	*1.48*	
27 16 19 00-0031	EA	LC To LC Connectors, 1 Meter Length, Multimode, Duplex Fiber Optic Patch Cable	82.27	
		For Each Additional Meter In Length, Add	*1.48*	
27 16 19 00-0032		Fiber Optic Cable Pig Tail *(27 16 19)*		
27 16 19 00-0033	EA	Simplex Fiber Optic Cable Pig Tail	82.15	40.56
27 16 19 00-0034	EA	Duplex Fiber Optic Cable Pig Tail	107.20	40.56
27 16 19 00-0035		Ethernet Patch Cords *(27 16 19)*		
27 16 19 00-0036	EA	3' Category 5E Patch Cables With Boots	16.11	
27 16 19 00-0037	EA	5' Category 5E Patch Cables With Boots	17.64	
27 16 19 00-0038	EA	7' Category 5E Patch Cables With Boots	19.18	
27 16 19 00-0039	EA	10' Category 5E Patch Cables With Boots	27.88	
27 16 19 00-0040	EA	15' Category 5E Patch Cables With Boots	34.95	
27 16 19 00-0041	EA	25' Category 5E Patch Cables With Boots	46.59	
27 16 19 00-0042	EA	3' Category 6 Patch Cables With Boots	17.93	
27 16 19 00-0043	EA	5' Category 6 Patch Cables With Boots	21.81	
27 16 19 00-0044	EA	7' Category 6 Patch Cables With Boots	21.88	
27 16 19 00-0045	EA	10' Category 6 Patch Cables With Boots	26.04	
27 16 19 00-0046	EA	15' Category 6 Patch Cables With Boots	34.37	
27 16 19 00-0047	EA	25' Category 6 Patch Cables With Boots	43.44	
27 16 19 00-0048	EA	50' Category 6 Patch Cables With Boots	68.96	
27 16 19 00-0049	EA	100' Category 6 Patch Cables With Boots	120.60	
27 16 19 00-0050	EA	3' Category 6A Patch Cables With Boots	22.08	
27 16 19 00-0051	EA	5' Category 6A Patch Cables With Boots	23.43	
27 16 19 00-0052	EA	7' Category 6A Patch Cables With Boots	24.43	
27 16 19 00-0053	EA	10' Category 6A Patch Cables With Boots	28.84	
27 16 19 00-0054	EA	15' Category 6A Patch Cables With Boots	35.43	
27 16 19 00-0055	EA	25' Category 6A Patch Cables With Boots	44.10	
27 16 19 00-0056	EA	50' Category 6A Patch Cables With Boots	63.56	
27 16 19 00-0057	EA	100' Category 6A Patch Cables With Boots	111.25	
27 16 19 00-0058	EA	3' Category 5E Patch Cables With Plastic Arch	16.11	
27 16 19 00-0059	EA	5' Category 5E Patch Cables With Plastic Arch	17.64	
27 16 19 00-0060	EA	7' Category 5E Patch Cables With Plastic Arch	19.18	
27 16 19 00-0061	EA	10' Category 5E Patch Cables With Plastic Arch	27.88	
27 16 19 00-0062	EA	15' Category 5E Patch Cables With Plastic Arch	34.95	
27 16 19 00-0063	EA	25' Category 5E Patch Cables With Plastic Arch	46.59	
27 16 19 00-0064	EA	3' Category 6 Patch Cables With Plastic Arch	17.93	
27 16 19 00-0065	EA	5' Category 6 Patch Cables With Plastic Arch	21.81	
27 16 19 00-0066	EA	7' Category 6 Patch Cables With Plastic Arch	21.88	
27 16 19 00-0067	EA	10' Category 6 Patch Cables With Plastic Arch	26.04	
27 16 19 00-0068	EA	15' Category 6 Patch Cables With Plastic Arch	34.37	
27 16 19 00-0069	EA	25' Category 6 Patch Cables With Plastic Arch	43.44	
27 16 19 00-0070	EA	3' Category 6A Patch Cables With Plastic Arch	33.71	
27 16 19 00-0071	EA	5' Category 6A Patch Cables With Plastic Arch	36.01	
27 16 19 00-0072	EA	7' Category 6A Patch Cables With Plastic Arch	37.74	
27 16 19 00-0073	EA	10' Category 6A Patch Cables With Plastic Arch	43.22	
27 16 19 00-0074	EA	15' Category 6A Patch Cables With Plastic Arch	52.44	
27 16 19 00-0075	EA	25' Category 6A Patch Cables With Plastic Arch	67.30	

27 20 Data Communications *(27)*

27 21 Data Communications Network Equipment *(27 20)*

Note: Includes testing of new devices and certification.

27 21 16 Data Communications Routers, CSU/DSU, Multiplexers, Codecs, and Modems *(27 21)*

27 21 16 00-0001		Fiber Optic Modems *(27 21 16)*		
27 21 16 00-0002	EA	Fiber Optic Modems, Range 6.2 Miles	1,933.13	231.81
27 21 16 00-0003	EA	Fiber Optic Modem, Range 3.1 Miles, 12 Channel	3,770.04	231.81
27 21 16 00-0004		Ethernet Hubs and Switches *(27 21 16)*		
27 21 16 00-0005	EA	16 Port Managed Hub With Fiberport And Standard Management	4,093.66	174.15
27 21 16 00-0006	EA	16 Port Unmanaged Hub	604.08	116.11
27 21 16 00-0007	EA	Hubbell Rebox Concentrator Enclosure, 24"W x 10"D	874.36	52.94
27 21 16 00-0008	EA	Dual Speed Hub, 12 Position Modula Connectors For UTP Segments, Rack Mounted, 3Com 3C16610-US	2,164.70	52.94
27 21 16 00-0009	EA	Dual Speed Hub, 24 Position Modula Connectors For UTP Segments, Rack Mounted, 3Com 3C16611-US	2,818.35	52.94
27 21 16 00-0010	EA	Media Converter, 10/100 Base-TX to 10 Base-FL/100 Base-SX, Allied AT-MC115XL-10	507.73	21.18
27 21 16 00-0011	EA	2 Port 100 Base-FX Switch Module Cisco catalyst WS-X2933-XL-V	2,376.55	52.94
27 21 16 00-0012	EA	4 Port 10/100 Base-TX Switch Module Cisco Catalyst WS-X2914-XL-V	2,400.61	52.94
27 21 16 00-0013	EA	4 Port 100 Base-FX Switch Module Cisco Catalyst WS-X2924-XL-V	4,359.09	52.94

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 21 16 00-0014	EA	24 Port 10/100 Base-TX Fast Ethernet Switch With 2 100 Base FX Ports, Cisco Catalyst WS-C2950C-24	5,189.59	52.94
27 21 16 00-0015	EA	24 Port 10/100 Base-TX Fast Ethernet Switch With 2 modular expansion slots, Cisco Catalyst WS-C2924M-XL-EN	5,718.75	52.94
27 21 16 00-0016	EA	4 Port 10/100 Base-TX Fast Ethernet Switch With 12 Long Reach Ports, Cisco Catalyst WS-C2912-LRE-XL	6,476.50	52.94
27 21 16 00-0017	EA	12 Port 100 Base-FX Fast Ethernet Switch With 2 modular expansion slots, Cisco Catalyst WS-C2912MF-XL	14,725.37	52.94
27 21 16 00-0018	EA	12 Port, Industrial Ethernet Switch (Cisco IE-4000-4GC4GP4G-E)	5,659.12	116.11
27 21 16 00-0019	EA	Power Supply (Cisco PWR-IE170W-PC-AC)	1,671.65	58.05

27 21 29 Data Communications Switches and Hubs *(27 21)*

27 21 29 00-0001 Data Communications Multimedia Modular Patch Panels *(27 21 29)*

Note: Unloaded multimedia patch panels that accept modular jacks for category 3, 5e, 6, fiber optic, etc. Excludes rack, modular jacks and terminations. See CSI section 27 15 43 00-0051 for modular jacks.

27 21 29 00-0002	EA	12 Port, Wall Mount Multimedia Modular Patch Panel, Unloaded	140.81	5.79
27 21 29 00-0003	EA	16 Port, Rack Mount Multimedia Modular Patch Panel, Unloaded	155.80	5.79
27 21 29 00-0004	EA	24 Port, Rack Mount Multimedia Modular Patch Panel, Unloaded	184.82	5.79
27 21 29 00-0005	EA	36 Port, Rack Mount Multimedia Modular Patch Panel, Unloaded	193.73	5.79
27 21 29 00-0006	EA	48 Port, Rack Mount Multimedia Modular Patch Panel, Unloaded	211.29	7.25
27 21 29 00-0007	EA	24 Port, Rack Mount Multimedia Modular Angled Patch Panel, Unloaded	201.11	5.79
27 21 29 00-0008	EA	48 Port, Rack Mount Multimedia Modular Angled Patch Panel, Unloaded	252.41	7.25
27 21 29 00-0009	EA	Rack Mount Rear Cable Management Bar	66.24	7.25

27 21 33 Data Communications Wireless Access Points *(27 21)*

27 21 33 00-0001	EA	Wireless LAN Access Point, Ethernet, 10 Base-T/100 Base-TX Cisco Airnet AIR-AP352E2R-A-K9	2,111.26	52.94

27 30 Voice Communications *(27)*

27 32 Voice Communications Terminal Equipment *(27 30)*

Note: Includes testing of new devices and certification.

27 32 13 Telephone Sets *(27 32)*

27 32 13 00-0001 Interior Telephone Components *(27 32 13)*

27 32 13 00-0002	EA	Solid State Exchange Unit With Power Supply	7,601.88	1,059.13
27 32 13 00-0003	EA	Dial Telephone - Handset In Cabinet	918.35	86.58
27 32 13 00-0004	EA	Elevator Cab Telephone With Trailer Cable	459.00	92.83
27 32 13 00-0005	EA	Loud Ring Bell, 6"	358.17	86.12
27 32 13 00-0006	EA	Audio/Visual Indicator	460.67	81.13
27 32 13 00-0007	EA	Administrative Telephone With Digital Display	481.59	72.79
27 32 13 00-0008	EA	Processing Unit For 16 Station System	2,351.38	593.77
27 32 13 00-0009	EA	Handset For 16 Station System	338.38	59.11
27 32 13 00-0010	EA	Handset In Cabinet, For 16 Station System	458.43	79.74
27 32 13 00-0011	MLF	20 Conductor Unshielded Cable, #22	2,951.12	1,278.06
27 32 13 00-0012	EA	Power Supply For 16 Station System	412.99	157.74
27 32 13 00-0013	EA	Intercom Terminal Board	359.21	177.56
27 32 13 00-0014	EA	Power Supply For Five Station System, 24 Volt DC	430.24	157.74
27 32 13 00-0015	EA	Telephone Communication Board, Insulated Blueboard 24" x 24" x 1/2" Thick	211.64	64.80
27 32 13 00-0016	EA	Telephone Cabinet With Backboard 24" High x 24" Wide x 6" Deep	671.06	142.63
27 32 13 00-0017	EA	Telephone Cabinet With Backboard 30" High x 24" Wide x 6" Deep	793.47	162.11
27 32 13 00-0018	EA	Telephone Cabinet With Backboard 30" High x 30" Wide x 6" Deep	963.04	191.87
27 32 13 00-0019	EA	Telephone Cabinet With Backboard 36" High x 30" Wide x 6" Deep	1,139.51	207.43
27 32 13 00-0020	EA	Telephone Cabinet With Backboard 48" High x 30" Wide x 6" Deep	1,790.39	236.03
27 32 13 00-0021	EA	Ring Rung 3"	12.67	6.46
27 32 13 00-0022	EA	G66B50 Telephone Blocks Including 50 Terminators, Exterior Ring, Marking, ID	32.05	11.48
27 32 13 00-0023	EA	G110 Data Blocks Including Terminator, Exterior Ring, Marking, ID And Testing	57.72	23.52

27 32 13 00-0024 Interior Telephone Accessories *(27 32 13)*

27 32 13 00-0025	EA	Blank Telephone Receptacle, Exposed Devices - Complete	12.99	6.25
27 32 13 00-0026	EA	4-Pin Telephone Receptacle, Exposed Devices - Complete	28.42	24.11
27 32 13 00-0027	EA	Dual Flush Mounted, Level 5, RJ-45 Jack, Complete	70.66	26.47
27 32 13 00-0028	EA	Wall Mount, Level 5, RJ-45 Jack, Complete	66.72	26.47
27 32 13 00-0029	EA	Terminating Strips, Inside	135.42	52.94
27 32 13 00-0030	EA	Dual Outlet, 4-Pin Telephone Receptacle, Concealed Type RJ-45 - Complete	59.02	27.23
27 32 13 00-0031	EA	Ready Access Closure 3 To 25 Pair	163.70	63.87
27 32 13 00-0032	EA	Ready Access Closure 25 To 100 Pair	191.84	71.39
27 32 13 00-0033	EA	Termination Block With Bracket 25 Pair	62.22	21.44
27 32 13 00-0034	EA	RJ-11 Telephone Receptacle, Concealed Devices - Complete	57.93	26.89
27 32 13 00-0035	EA	Interior Protected Terminal 25 Pair	719.56	154.85
27 32 13 00-0036	EA	Interior Protected Terminal 50 Pair	856.29	157.28
27 32 13 00-0037	EA	Pedestal 6" x 6" x 50" 3 To 100 Pair	286.19	64.44
27 32 13 00-0038	EA	Pedestal 8" x 8" x 50" 100 To 300 Pair	295.63	64.44
27 32 13 00-0039	EA	Pedestal 10" x 10" x 43" 300 To 600 Pair	390.73	82.41
27 32 13 00-0040	EA	Pedestal 10" x 16" x 439 600 Pair	813.55	148.47
27 32 13 00-0041	EA	Entrance Protector Terminal 100 Pair	1,130.18	169.45
27 32 13 00-0042	EA	Gas Protection Module	17.13	5.79
27 32 13 00-0043	EA	Terminating Boxes, Outside With 3 Element Protectors, Per Pair	30.28	5.29

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

27 32 26 Ring-Down Emergency Telephones *(27 32)*

27 32 26 00-0001 Emergency Telephone *(27 32 26)*

Note: Includes CB3000 speakerphone, 3 auxiliary Inputs, 2 auxiliary outputs, phone line surge suppressor, analog telephone connection, 70 watt area light with blue beacon, high power strobe, lighted faceplate, 110VAC power, ultra weather resistant finish, vandal resistant hardware, UV resistant Lens, dome vent; flat area for directory, access control or other options; 12.75" diameter/8'-6" height, 1/4" thick steel construction, foundation anchor kit, ADA compliant.

27 32 26 00-0002	EA	Code Blue 1-Standard Emergency Telephone Pedestal Unit (CB 1-s) Note: Includes IA4100 FP1 analog speakerphone with single red 'Push For Help' button, 'Push For Help' bezel, hard wire phone line, passive vent at top, 24V AC, and standard color.	11,358.64	475.43
27 32 26 00-0003	EA	Code Blue 1-Dual Emergency Telephone Pedestal Unit (CB 1-d) Note: Includes IA4100 FP1 analog speakerphone with single red 'Push For Help' button, 'Push For Help' bezel, blank stainless steel plate second opening, hard wire phone line, passive vent at top, 24V AC, and standard color.	11,958.07	475.43
27 32 26 00-0004	EA	Analog Speakerphone With Black Info Button And Red Push For Help Button Code Blue Option (Code Blue IA4100 FP2)	199.81	
27 32 26 00-0005	EA	Analog Speakerphone With Black Call Button, Keypad And Red Push For Help Button Code Blue Option (Code Blue IA4100 FP2-K)	299.72	
27 32 26 00-0006	EA	IP Speakerphone With Single Red Push For Help Button Code Blue Option (Code Blue IP5000 FP1)	749.29	
27 32 26 00-0007	EA	IP Speakerphone With Back Info Button And Red Push For Help Button Code Blue Option (Code Blue IP5000 FP2)	1,019.03	
27 32 26 00-0008	EA	IP Speakerphone With Black Call Button, Keypad And Red Push For Help Button Code Blue Option (Code Blue IP5000 FP2-K)	1,118.94	
27 32 26 00-0009	EA	EMERGENCY (Raised Letters With Braille) Main Bezel Code Blue Option	19.98	
27 32 26 00-0010	EA	EMERGENCY/EMERGENCIA (Raised Letters With Braille) Main Bezel Code Blue Option	19.98	
27 32 26 00-0011	EA	Directory, Second Opening Code Blue Option	179.83	
27 32 26 00-0012	EA	Camera Enclosure With Color IP Camera, Second Opening Code Blue Option	1,898.20	
27 32 26 00-0013	EA	HID Card Reader, Second Opening Code Blue Option	879.17	
27 32 26 00-0014	EA	HID Card Reader And Color IP Camera, Second Opening Code Blue Option	2,847.30	
27 32 26 00-0015	EA	IP Wireless Communication Code Blue Option Note: 802.11g or secure mesh 5.8. (system UPS backup or unit Night Charge recommended). IP5000 VoIP Speakerphone option must be ordered when selecting IP Wireless Communications. Requires Base Unit(s) and site survey.	5,984.32	
27 32 26 00-0016	EA	Active Venting Code Blue Option	319.70	
27 32 26 00-0017	EA	Night Charge Power Code Blue Option Note: Requires 120V AC external power supplied to Code Blue unit.	2,787.36	
27 32 26 00-0018	EA	Power Transformer Kit, Alternate Incoming Power Code Blue Option	699.34	
27 32 26 00-0019	EA	Overhead Camera Mount Code Blue Option Note: Excludes camera.	1,588.49	
27 32 26 00-0020	EA	Custom Color For Overhead Camera Mount Code Blue Option	69.93	

27 32 26 00-0021 City Police Call System *(27 32 26)*

27 32 26 00-0022 Components *(27 32 26 00-0021)*

27 32 26 00-0023	EA	City Police Call System	882.48	135.14
27 32 26 00-0024	EA	Concrete Foundation For Police Department Telephone Post	777.53	195.76

27 40 Audio-Video Communications *(27)*

27 41 Audio-Video Systems *(27 40)*

27 41 16 Integrated Audio-Video Systems and Equipment *(27 41)*

Note: Includes testing of new devices and certification.

27 41 16 00-0001 Television Distribution System *(27 41 16)*

See CSI section 26 05 13 16-0001 for basic wiring, 26 05 19 16-0308 for basic wiring.

27 41 16 00-0002 Mounted Television Support *(27 41 16 00-0001)*

27 41 16 00-0003	EA	Ceiling Mounted Television Support, 19" To 20"	476.35	130.03
27 41 16 00-0004	EA	Ceiling Mounted Television Support, 19" To 20" With Rack	619.94	145.12
27 41 16 00-0005	EA	Ceiling Mounted Television Support, 25" To 27"	498.54	130.03
27 41 16 00-0006	EA	Ceiling Mounted Television Support, 25" To 27" With Rack	642.12	145.12
27 41 16 00-0007	EA	Wall Mounted Television Support, 13"	377.83	104.49
27 41 16 00-0008	EA	Wall Mounted Television Support, 13" With Rack	521.40	116.11
27 41 16 00-0009	EA	Wall Mounted Television Support, 19" To 20"	406.94	104.49
27 41 16 00-0010	EA	Wall Mounted Television Support, 19" To 20" With Rack	550.51	116.11
27 41 16 00-0011	EA	Wall Mounted Television Support, 25" To 27"	436.05	104.49
27 41 16 00-0012	EA	Wall Mounted Television Support, 25" To 27" With Rack	579.62	116.11

27 41 16 00-0013 Distribution System *(27 41 16 00-0001)*

See CSI section 26 05 13 16-0001 for wire and cabling.

27 41 16 00-0014 TV Distribution Rack *(27 41 16 00-0013)*

27 41 16 00-0015	EA	Steel Rack Cabinet With Shelves	1,729.81	213.14
27 41 16 00-0016	EA	Switch And Pilot Light	258.28	94.69
27 41 16 00-0017	LF	Surface Raceway With Outlets	30.63	12.87
27 41 16 00-0018	EA	Service Label	35.91	17.73

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 41 16 00-0019		Head End Amplifier *(27 41 16 00-0013)*		
27 41 16 00-0020	EA	Head End Amplifier	1,154.12	141.87
27 41 16 00-0021		UHF In-Line Booster Amplifier And Power Supply *(27 41 16 00-0013)*		
27 41 16 00-0022	EA	UHF In-Line Booster	663.61	141.87
27 41 16 00-0023		Preamplifiers *(27 41 16 00-0013)*		
27 41 16 00-0024	EA	VHF Preamplifier	836.33	141.87
27 41 16 00-0025	EA	UHF Preamplifier	663.61	141.87
27 41 16 00-0026		Power Supplies *(27 41 16 00-0013)*		
27 41 16 00-0027	EA	Common Power Supply	1,194.76	202.72
27 41 16 00-0028		Line Splitter And Mixer *(27 41 16 00-0013)*		
27 41 16 00-0029	EA	Line Splitter	98.06	47.29
27 41 16 00-0030	EA	Two-Way Splitter	111.81	47.29
27 41 16 00-0031	EA	Frequency Filter	254.14	71.04
27 41 16 00-0032	EA	Line Splitter And Mixer	299.79	104.31
27 41 16 00-0033		Power Line Filters *(27 41 16 00-0013)*		
27 41 16 00-0034	EA	120-Volt Power Supply Line Filter	500.08	94.69
27 41 16 00-0035		Wall Box And Receiver Outlets *(27 41 16 00-0013)*		
27 41 16 00-0036	EA	Wall Box With Lockable Cover, Excluding Outlet Plug	254.14	71.04
27 41 16 00-0037	EA	TV Receiver Outlet Plug	111.81	47.29
27 41 16 00-0038	EA	TV Camera Outlet Plug	111.81	47.29
27 41 16 00-0039	EA	Audio Outlet Plug	94.58	47.29
27 41 16 00-0040	EA	12 Ft RG 6U Cable With G-59 And TV Set Fittings	197.82	94.69
27 41 16 00-0041	EA	Male Plug PL-259	111.81	47.29
27 41 16 00-0042	EA	Wall Box And Receiver Outlet Television Outlets	129.87	49.60
27 41 33		**Master Antenna Television Systems** *(27 41)*		
27 41 33 00-0001		Antenna Systems *(27 41 33)*		
27 41 33 00-0002		Antenna *(27 41 33 00-0001)*		
27 41 33 00-0003	EA	Amateur Radio Antenna	1,090.53	173.85
27 41 33 00-0004	EA	Multi-Band Radio Antenna	843.10	173.85
27 41 33 00-0005		Receptacles *(27 41 33 00-0001)*		
27 41 33 00-0006	EA	Amateur Radio Antenna System Receptacle With Mating Plugs And Adapter	236.89	71.04
27 41 33 00-0007	EA	Multi-Band Radio Antenna System Receptacle With Mating Plugs	236.89	71.04

27 50 Distributed Communications and Monitoring Systems *(27)*

27 51 Distributed Audio-Video Communications Systems *(27 50)*

27 51 17 Video Intercom and Exterior Gate Control System *(27 51)*

27 51 17 00-0001		Video Intercom And Exterior Gate Control System *(27 51 17)*		
27 51 17 00-0002	EA	Audio Video Master Control Station With Handset, White Finish (Aiphone IX-MV7-HW)	1,506.44	145.12
27 51 17 00-0003	EA	Audio Video Master Control Station (Aiphone AX-8MV)	1,207.92	145.12
27 51 17 00-0004	EA	16-call Add-on Selector For AX Masters (Aiphone AX-16SW)	497.56	145.12
27 51 17 00-0005	EA	Central Exchange Unit (Aiphone AX-084C)	1,442.86	72.56
27 51 17 00-0006	EA	Central Exchange Unit (Aiphone AX-248C)	1,969.41	72.56
27 51 17 00-0007	EA	Touch Tone Programmable Dialer (Viking K-1900-5)	145.86	29.03
27 51 17 00-0008	EA	Surface Mount Audio/Video Door Station (Aiphone IX-DV)	1,042.71	29.03
27 51 17 00-0009	EA	Surface Or Flush Wall Mount Audio/Video Door Station (Aiphone IX-DVF)	1,434.56	29.03
27 51 17 00-0010	EA	Surface Mount Audio/Video Door Station (Aiphone AX-DV)	462.98	29.03
27 51 17 00-0011	EA	Flush Mount Audio/Video Door Station (Aiphone AX-DVF)	522.41	29.03
27 51 17 00-0012	EA	12 Volt, 2.5 Amperes, DC Power Supply (Aiphone PS-1225UL) Note: UL Listed	140.97	14.51
27 51 17 00-0013	EA	24 Volt, 2 Amperes, DC Power Supply (Aiphone PS-2420UL) Note: UL Listed	153.42	14.51
27 51 17 00-0014	EA	IP Video Master Station (Aiphone IX-MV)	1,843.28	145.12
27 51 17 00-0015	EA	Handset Only For IX-MV (Aiphone 285999)	62.99	5.80
27 51 17 00-0016	EA	Hands Free Sub Master Video Monitor (Aiphone JF-2HD)	772.58	145.12
27 51 17 00-0017	EA	Stainless Steel Video Door Station With HID ProxPoint Plus Reader, Flush Mount (Aiphone AX-DVF-P)	744.92	29.03
27 51 17 00-0018	EA	Stainless Steel Surface Mount Box For IS-SS, IS-DVF, IS-IPDVF, IX-DF(SS) (Aiphone SBX-IDVF)	223.89	29.03
27 51 17 00-0019	EA	Stainless Steel Surface Mount Box For AX-DVF (Aiphone SBX-AXDVF)	250.16	29.03

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 51 17 00-0020	EA	Stainless Steel Security Lock Box For IS-DV, IS-DVF, IX-DF, IX-SS, IX-DF-HID, And IX-DF-RP10 (Aiphone LB-SDVF/A)	305.45	43.53
27 51 17 00-0021	EA	Front Case With Lens Cover For AX-DV And AX-DVF Cameras (Aiphone 240880)	67.47	14.51
27 51 23		**Intercommunications and Program Systems** *(27 51)*		
27 51 23 50		**Educational Intercommunications and Program Systems** *(27 51 23)*		
27 51 23 50-0001		Miscellaneous Power Pack Units *(27 51 23 50)*		
27 51 23 50-0002	EA	Power Pack Unit	2,306.72	354.78
27 51 23 50-0003	EA	Master Panel	5,794.97	1,433.03
27 51 23 50-0004	EA	Power Supply, 10 A	490.92	141.87
27 51 23 50-0005	EA	AC Power Supply, 10 A	439.10	141.87
27 51 23 50-0006	EA	75 A Binding Post	297.48	129.23
27 51 23 50-0007	EA	Fixed 6.3 V AC Power Supply, 10 A	400.47	118.22
27 51 23 50-0008	EA	Variable Auto-Transformer	397.61	63.63
27 51 23 50-0009	EA	Pilot Light Assembly	75.01	14.25
27 51 23 50-0010	EA	Power Supply Rack	721.91	177.56
27 51 23 50-0011	EA	Patch Cord, 4 Foot, #16 With Connections	26.11	10.54
27 51 23 50-0012	EA	Illuminated Meter Panel With Metering	1,129.95	141.87
27 51 23 50-0013	EA	Meter Connection Panel	896.00	337.05
27 51 23 50-0014		Intercom And Teacher Activated Security System *(27 51 23 50)*		
27 51 23 50-0015		Central Control Rack *(27 51 23 50-0014)*		
27 51 23 50-0016		Cabinet *(27 51 23 50-0015)*		
27 51 23 50-0017	EA	Cabinet	800.78	215.35
27 51 23 50-0018		Central Switching Exchange *(27 51 23 50-0015)*		
27 51 23 50-0019	EA	Microprocessor Panel	5,794.97	1,433.03
27 51 23 50-0020	EA	Autotrol Panel	2,886.24	709.56
27 51 23 50-0021	EA	Multiplexer Panel	1,615.87	354.78
27 51 23 50-0022	EA	Multifunction Panel	1,499.96	283.85
27 51 23 50-0023		DC Regulated Power Supply *(27 51 23 50-0015)*		
27 51 23 50-0024	EA	DC Regulated Power Supply	577.25	141.87
27 51 23 50-0025		AM - FM Tuner *(27 51 23 50-0015)*		
27 51 23 50-0026	EA	AM - FM Tuner	806.84	71.04
27 51 23 50-0027		Channel 'A' Control Panel *(27 51 23 50-0015)*		
27 51 23 50-0028	EA	Control Panel	1,889.90	141.87
27 51 23 50-0029	EA	Pre-Amplifier	1,095.41	141.87
27 51 23 50-0030		Channel 'B' Control Panel *(27 51 23 50-0015)*		
27 51 23 50-0031	EA	Control Panel	1,613.57	141.87
27 51 23 50-0032	EA	Pre-Amplifier	1,095.41	141.87
27 51 23 50-0033		Speaker Selector Panel *(27 51 23 50-0015)*		
27 51 23 50-0034	EA	Selector Panel	5,104.09	1,433.03
27 51 23 50-0035		Local Sound System Control Panel *(27 51 23 50-0015)*		
27 51 23 50-0036	EA	Local Sound System Control Panel	461.40	71.04
27 51 23 50-0037		Power Amplifier *(27 51 23 50-0015)*		
27 51 23 50-0038	EA	Power Amplifier	1,207.55	71.04
27 51 23 50-0039		Microphone, Tape And Phone Receptacle Input Panel *(27 51 23 50-0015)*		
27 51 23 50-0040	EA	Input Panel. Complete	749.97	141.87
27 51 23 50-0041		Blank Panels *(27 51 23 50-0015)*		
27 51 23 50-0042	EA	Blank Panels	98.10	17.73
27 51 23 50-0043		Principals Signal Button *(27 51 23 50-0015)*		
27 51 23 50-0044	EA	Principals Signal Button	98.10	17.73

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 51 23 50-0045		**Sound Motion Picture Modification** *(27 51 23 50-0015)*		
27 51 23 50-0046	EA	Matching Transformer	1,497.72	71.04
27 51 23 50-0047	EA	Relay	109.80	35.46
27 51 23 50-0048		**Emergency Sound Alarm System** *(27 51 23 50-0014)*		
27 51 23 50-0049	EA	Coded Tone Signal Amplifier	1,613.57	141.87
27 51 23 50-0050		**Loudspeakers** *(27 51 23 50-0014)*		
27 51 23 50-0051		**Cost Adjustments** *(27 51 23 50-0050)*		
27 51 23 50-0052	EA	Modifier Cost To Add Talk Back/ Listen	809.05	283.85
27 51 23 50-0053	EA	Modifier Cost To Add Steel Guard	524.34	215.35
27 51 23 50-0054		**Privacy/Call-In Switch** *(27 51 23 50-0014)*		
27 51 23 50-0055	EA	Mount In New Wall	219.60	71.04
27 51 23 50-0056	EA	Mount On Existing Wall	178.91	35.46
27 51 23 50-0057		**Local Volume Controls** *(27 51 23 50-0014)*		
27 51 23 50-0058	EA	Typical Control For Speaker Circuits - Complete	241.00	94.69
27 51 23 50-0059	EA	Volume/Mixing Control For Amplifier	680.86	141.87
27 51 23 50-0060	EA	Special Mixing Control Box For Music Room - Band Practice Room (Excluding Cable)	733.23	354.78
27 51 23 50-0061	EA	Principal's And General Office Sound Control (Excludes Cable)	525.14	236.91
27 51 23 50-0062		**Microphone** *(27 51 23 50-0014)*		
27 51 23 50-0063	EA	Announcement Type (Offices Only)	182.10	43.46
27 51 23 50-0064	EA	General Purpose Type	182.10	43.46
27 51 23 50-0065	EA	Play Yard Type (Outside)	268.21	57.95
27 51 23 50-0066	EA	25' Cord With Plug Ends	69.03	17.39
27 51 23 50-0067	EA	Flush Mount Box With Receptacle	202.23	91.33
27 51 23 50-0068	LF	Microphone Cable Heavy Duty	4.02	0.44
27 51 23 50-0069	EA	Connector Plug	150.47	86.93
27 51 23 50-0070	EA	Single Microphone Receptacle With Stainless Steel Face Plate, Ref. P.19.69	175.45	91.33
27 51 23 50-0071	EA	Duplex Microphone Receptacle With Stainless Steel Face Plate, Ref. P.19.69	222.87	115.91
27 51 23 50-0072	EA	Desk Stand	63.58	17.39
27 51 23 50-0073	EA	Play Yard Stand	151.88	21.79
27 51 23 50-0074	EA	Reading Stand Microphone Holder With Flex Cable	153.34	34.77
27 51 23 50-0075		**CD Player** *(27 51 23 50-0014)*		
27 51 23 50-0076	EA	Portable CD Player With Signal Cable Assembly And Power Cord	715.43	141.87
27 51 23 50-0077		**Cable** *(27 51 23 50-0014)*		
27 51 23 50-0078	LF	Intercom Cable	1.96	0.74
27 51 23 50-0079	LF	Loudspeaker Cable	0.88	0.27
27 51 23 50-0080	LF	Administrative Cable	3.30	0.95
27 51 23 50-0081	LF	Microphone Cable	1.40	0.49
27 51 23 50-0082	EA	Solderless Connector	20.29	11.82
27 51 23 50-0083		**Antenna** *(27 51 23 50-0014)*		
27 51 23 50-0084	EA	Radio Antenna	697.17	215.35
27 51 23 50-0085	EA	Mast With Mounting Hardware Assembly	567.25	283.85
27 51 23 50-0086	EA	Transmission Line Cable	2,957.68	1,182.68
27 51 23 50-0087		**Pilot Lights** *(27 51 23 50-0014)*		
27 51 23 50-0088	EA	Pilot Light Mounted As Specified	247.34	141.87
27 51 23 50-0089		**Equipment For Motion Picture Projector** *(27 51 23 50-0014)*		
27 51 23 50-0090	EA	Female Plug	266.32	141.87
27 51 23 50-0091		**Signal Generator** *(27 51 23 50-0014)*		
27 51 23 50-0092	EA	Transistorized Signal Generator	663.61	141.87
27 51 23 50-0093		**Language Laboratory Equipment** *(27 51 23 50)*		
27 51 23 50-0094		**Teachers Console** *(27 51 23 50-0093)*		
27 51 23 50-0095	EA	Console Desk With Locking Drawers And Doors	5,412.97	141.87

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 51 23 50-0096	EA	Master Tape Playback	979.48	71.04
27 51 23 50-0097	EA	Master Tape Recorder	1,152.22	71.04
27 51 23 50-0098	EA	Master Phonograph	634.06	71.04
27 51 23 50-0099	EA	Teachers Control Amplifier Monitor Panel	1,270.34	354.78
27 51 23 50-0100	EA	Student Switch Panels	375.05	71.04
27 51 23 50-0101	EA	AC Power Panel With Switch For Solenoid Release	1,268.07	141.87
27 51 23 50-0102	EA	Teachers Amplifier	1,268.07	141.87
27 51 23 50-0103	EA	Student Audio Active Amplifier With Program And Volume Control	1,958.85	141.87
27 51 23 50-0104	EA	Teacher's Boom Microphone - Headset Combination	1,095.33	141.87
27 51 23 50-0105	EA	Centralized Power Supply	1,845.25	283.85
27 51 23 50-0106	EA	Master Program Distribution Panel	3,922.34	709.56
27 51 23 50-0107	EA	On-Off Panel For Entire Lab	1,443.04	354.78
27 51 23 50-0108	EA	Master CD Player	1,400.09	

27 51 23 50-0109 Student Positions *(27 51 23 50-0093)*

27 51 23 50-0110	EA	Multi-Purpose Table With Electronic Latches	1,499.87	283.85
27 51 23 50-0111	EA	Cassette Recorder	375.05	71.04
27 51 23 50-0112	EA	Boom Microphone Headset Combination With Amplifier And 5' Cable	1,387.99	215.35

27 51 43 Sound Reinforcement *(27 51)*

Note: Includes testing of new devices and certification.

27 51 43 00-0001 Amplifiers *(27 51 43)*

27 51 43 00-0002	EA	10 Watt PA/Paging System Amplifier, 70 Volt (Bogen C10)	545.68	116.11
27 51 43 00-0003	EA	35 Watt PA/Paging System Amplifier, 70 Volt (Bogen C35)	780.67	116.11
27 51 43 00-0004	EA	60 Watt PA/Paging System Amplifier, 70 Volt (Bogen C60)	931.51	116.11
27 51 43 00-0005	EA	100 Watt PA/Paging System Amplifier, 70 Volt (Bogen 100)	1,039.13	116.11
27 51 43 00-0006	EA	150 Watt PA/Paging System Amplifier, 70 Volt (Bogen GS150)	1,299.91	116.11
27 51 43 00-0007	EA	250 Watt PA/Paging System Amplifier, 70 Volt (Bogen GS250)	1,689.87	116.11
27 51 43 00-0008	EA	Rack Mount Kit For PA/Paging System Amplifiers (Bogen GSRPK)	66.81	5.80

27 51 43 00-0009 Splitters *(27 51 43)*

27 51 43 00-0010	EA	24 Watt, 5 Output, Isolated Splitter (Doug Fleenor 125EE)	3,397.72	86.93
27 51 43 00-0011	EA	1-in/11-out Splitter (Doug Fleenor DMX)	3,063.49	86.93

27 51 43 00-0012 Speakers *(27 51 43)*

27 51 43 00-0013	EA	8", 5 Watt Recessed Ceiling Mounted Speaker With Transformer And Baffle (Atlas Sound FD72W)	207.57	31.06
27 51 43 00-0014	EA	8" Steel Baffle (Atlas Sound 51-8)	68.21	5.79
27 51 43 00-0015	EA	T-Bar Support (Atlas Sound EZ95-8)	76.42	5.79
27 51 43 00-0016	EA	8" Cylindrical Enclosure With Undercoating (Atlas Sound Q408)	120.40	5.79
27 51 43 00-0017	EA	Plate Mounted 10 Watt Attenuator With Priority Relay (Atlas Sound AT10-PA)	109.52	10.43
27 51 43 00-0018	EA	PA Speakers, 30 Watt Cone Wall Type	940.48	77.89
27 51 43 00-0019	EA	PA Speakers, 15 Watt Cone Wall Type	492.36	77.66

27 51 43 00-0020 Accessories *(27 51 43)*

27 51 43 00-0021	EA	Microphone And Stand For Audio/Video System (Bogen MBS-1000A)	327.45	14.51
27 51 43 00-0022	EA	5 Disk CD Player For Audio/Video System (Bogen DCM290-P)	738.85	14.51
27 51 43 00-0023	EA	Weather Proof Horn For Audio/Video System (Bogen SPT5A)	182.91	29.03
27 51 43 00-0024	EA	Trumpet Driver And Line Matching Transformer For Audio/Video System (Atlas PD-60A)	342.94	29.03
27 51 43 00-0025	EA	Headset Microphone For Audio/Video System (Audio Technica Pro8Hex)	249.38	28.98
27 51 43 00-0026	EA	Microphone Jack For Audio/Video System	112.78	29.03
27 51 43 00-0027	EA	Terminal Cabinet For Audio/Video System (Atlas 121-18)	975.39	116.11
27 51 43 00-0028	EA	Volume Control For Audio/Video System (Bogen AT10A)	107.60	29.03
27 51 43 00-0029	EA	Round Bridge for 8" (S86/S810) Reccessed Speakers (Bogen Communications TB8)	74.03	29.03

27 51 43 00-0030 PBC Audio And Video *(27 51 43)*

Note: Includes assembly and installation of rack, sound system, plasma/sMART system, control system, cabling, alignment, testing, and all training. See CSI section 26 05 13 16-0001 for additional wiring.

27 51 43 00-0031 Video *(27 51 43 00-0030)*

27 51 43 00-0032	EA	Chief Flat Wall Mount, PLP-2043	657.31	11.61
27 51 43 00-0033	EA	EXTRON CrossPoint 450 Plus Matrix Switcher 8x4, 60-337-11	6,005.28	11.61
27 51 43 00-0034	EA	Interlink Wireless Mouse and Keyboard, VP6241	657.31	11.61
27 51 43 00-0035	EA	JVC VCR/DVD Player with RS232 Control, SR-MV55	1,809.89	11.61
27 51 43 00-0036	EA	Kramer Video Scalar, VP413	572.02	11.61
27 51 43 00-0037	EA	Kramer VP413 Rack Mount Kit, RKT1	124.82	11.61
27 51 43 00-0038	EA	LG Electronics 42" LCD HDTV 1080P With Speakers, 42LG50	3,013.18	11.61
27 51 43 00-0039	EA	NEC 60" Plasma Display, 60XC10	8,402.64	11.61
27 51 43 00-0040	EA	Omnimount Architectural Cantilever Wall Mount, UCL-L	853.25	11.61
27 51 43 00-0041	EA	Sharp AQUOS 50" LCD, LC52D64U	4,080.47	11.61
27 51 43 00-0042	EA	SMART Technologies Touch Screen Overlay, PP360	9,264.77	11.61
27 51 43 00-0043	EA	Toshiba DVD-R, DR400	373.77	11.61

27 51 43 00-0044 Sound *(27 51 43 00-0030)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 51 43 00-0045	EA	BiAmp 250 Watt 1 Channel With Distribution Amplifier, MPA250	1,424.93	11.61
27 51 43 00-0046	EA	BiAmp Nexia CS Processor/Mixer With Echo Cancelation, NEXI-CS	3,756.28	11.61
27 51 43 00-0047	EA	EAW In Ceiling Speakers (Include Back Cans And Mounting Hardware), CIS400	293.09	11.61
27 51 43 00-0048	EA	Shure PZM Omni-Directional Microphone, MX393/C	544.35	11.61
27 51 43 00-0049		Rack *(27 51 43 00-0030)*		
27 51 43 00-0050	EA	Furman Power Conditioner, PL-8II	334.58	11.61
27 51 43 00-0051	EA	Lace Bars, LR4	151.32	11.61
27 51 43 00-0052	EA	Middle Atlantic 20 Amp 24 Outlet Power Conditioner, PD-2420SC-NS	290.33	11.61
27 51 43 00-0053	EA	Middle Atlantic 24RU Presentation Enclosure System, WRK-24MDK	1,580.72	11.61
27 51 43 00-0054	EA	Middle Atlantic 4 Fan Assembly, MW-4FT-380CFM	603.14	11.61
27 51 43 00-0055	EA	Middle Atlantic 40RU 25" Deep Floor Rack, WRK-40SA-27	882.26	11.61
27 51 43 00-0056	EA	Middle Atlantic 44RU 25" Deep Floor Rack, WRK-44SA-27	2,034.84	11.61
27 51 43 00-0057	EA	Middle Atlantic Locking Plexiglas Door, PDF-44	902.69	11.61
27 51 43 00-0058	EA	Middle Atlantic Rack Rails, WRK-RR24	180.14	11.61
27 51 43 00-0059	EA	Middle Atlantic Rack Rails, WRK-RR40	204.34	11.61
27 51 43 00-0060	EA	Middle Atlantic Rack Rails, WRK-RR44	226.70	11.61
27 51 43 00-0061	EA	Middle Atlantic Vented Shelf, UTR1	96.30	11.61
27 51 43 00-0062	EA	Miscellaneous RU Blanks, MISC-BLANKS	150.17	11.61
27 51 43 00-0063		Control *(27 51 43 00-0030)*		
27 51 43 00-0064	EA	Crestron 232 Dual Module Expander, ST-COM	1,014.61	11.61
27 51 43 00-0065	EA	Crestron 75 Watt Power Supply, CNPWS-75	668.83	11.61
27 51 43 00-0066	EA	Crestron Control Processor, CP2E	2,536.01	11.61
27 51 43 00-0067	EA	Crestron Dual Power Control, ST-PC	461.37	11.61
27 51 43 00-0068	EA	Crestron High Powered RF Gateway, CEN(I)-HPRFGW	922.40	11.61
27 51 43 00-0069	EA	Crestron Hub, CN2-HBLOCK	461.37	11.61
27 51 43 00-0070	EA	Crestron Isys 5,7" Wireless Touchpanel, TPS-6X	4,472.35	11.61
27 51 43 00-0071	EA	Crestron Rack Mount Kit, ST-RMK	253.90	11.61
27 51 43 00-0072	EA	IR Bud, 283M	69.49	11.61
27 51 43 00-0073	EA	Programming Of Crestron Control System, PROGRAMM	5,652.08	
27 51 43 00-0074		Video Conferencing *(27 51 43 00-0030)*		
27 51 43 00-0075	EA	Polycom Mag Share, 8200-50649-001	1,487.16	11.61
27 51 43 00-0076	EA	Polycom Multi Point, 5150-21297-001	5,464.41	11.61
27 51 43 00-0077	EA	Polycom Phone Addition, 2200-82201-001	1,837.55	11.61
27 51 43 00-0078	EA	Polycom Vortex EF2280, 2200-12280-001	8,461.12	11.61
27 51 43 00-0079	EA	Polycom VSX 7000 Video Conferencing System With People Plus Content, 7200-21960-001	14,224.02	11.61
27 51 43 00-0080	EA	Polycom VSX8000 Codec, 2200-21400-001	26,187.80	11.61
27 51 43 00-0081	EA	Polycom/Vaddio Camera Wall Mount, 535-2000-204	157.09	11.61
27 51 43 00-0082	EA	Polycom/Vaddio Robotic Camera, 9992000-100	2,259.39	11.61
27 51 43 00-0083		Cables *(27 51 43 00-0030)*		
27 51 43 00-0084	EA	75' 22 Gauge By 3 Wire, 22GAX3-75	121.36	11.61
27 51 43 00-0085	EA	75' 16 Gauge By 2 Speaker Wire, SKW-75	132.88	11.61
27 51 43 00-0086	EA	150' 16 Gauge By 2 Speaker Wire, SKW-150	219.33	11.61
27 51 43 00-0087	EA	Linksys 8 Port 10/100 Switch, SD208	132.88	11.61
27 51 43 00-0088	EA	RS232 Adapter/Amplifier, RS232-EXTENDER	320.75	11.61
27 51 43 00-0089	EA	USB To Cat5 Extender Kit, USB-C5EXT	256.21	11.61
27 51 43 00-0090	EA	Xantech IR Extension Kit, 291KIT	235.46	11.61

27 53 Distributed Systems *(27 50)*

27 53 13 Clock Systems *(27 53)*

27 53 13 13 Wireless Clock Systems *(27 53 13)*

27 53 13 13-0001 Wireless Synchronized GPS Clock System (Sapling) *(27 53 13 13)*

27 53 13 13-0002 Master Clock (Sapling SMA 2000 Series) *(27 53 13 13-0001)*

Note: Includes Sapling standard 2 year "material" warranty and applies to Master Clocks, Analog Clocks, Digital Clocks and Converter Boxes.

27 53 13 13-0003	EA	Master Clock, 900 MHz Transmitter, GPS, Surface Wall Mount (Sapling SMA-2S0-1100-1	8,035.80	86.93
27 53 13 13-0004	EA	Master Clock, 900 MHz Transmitter, GPS, Rack Mount And Wall Mount Antenna (Sapling SMA-2R0-1100-1)	8,498.27	86.93
27 53 13 13-0005	EA	Master Clock, 900 MHz Transmitter, Surface Wall Mount (Sapling SMA-2S0-1000-1)	4,567.29	86.93
27 53 13 13-0006	EA	Master Clock, 900 MHz Transmitter, Rack Mount And Wall Mount Antenna (Sapling SMA-2R0-1000-1)	5,029.76	86.93
27 53 13 13-0007	EA	NTP Server Upgrade (Sapling SMA-000-SERV-0)	3,165.40	
27 53 13 13-0008		Wireless Repeaters (Sapling) *(27 53 13 13-0001)*		
27 53 13 13-0009	EA	Wireless Repeater, 900 MHz, RS485 Input, Surface Wall Mount (Sapling SMA-1SR-0000-1)	1,960.28	57.95
27 53 13 13-0010	EA	Wireless Network Repeater, 900 MHz, 110 VAC - 230 VAC, With TCP/IP For Campus Environments, Surface Wall Mount (Sapling SMA-1SM-0000-1)	2,197.02	57.95

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 53 13 13-0011		**Wireless Round Analog Clocks (Sapling SAL-4 Series)** *(27 53 13 13-0001)*		
		Note: Includes Sapling standard 2 year "material" warranty and applies to Master Clocks, Analog Clocks, Digital Clocks and Converter Boxes.		
27 53 13 13-0012	EA	Analog, Wireless Slim Line, 900 MHz, 12" Round, Battery-Operated, Surface Wall Mount, Black Case (Sapling SAL-4BS-12R-0)	422.47	28.98
27 53 13 13-0013	EA	Double Mount Housing With Metal Pole For Slim Line 12" Round Analog Clock, Black (Sapling SAH-1BD-12R-0)	265.59	28.98
27 53 13 13-0014	EA	Analog, Wireless Slim Line, 900 MHz, 16" Round, Battery-Operated, Surface Wall Mount, Black Case (Sapling SAL-4BS-16R-0)	505.80	28.98
27 53 13 13-0015	EA	Double Mount Housing With Metal Pole For Slim Line 16" Round Analog Clock, Black (Sapling SAH-1BD-16R-0)	300.20	28.98
27 53 13 13-0016		**Wireless GPS Accesories (Sapling)** *(27 53 13 13-0001)*		
27 53 13 13-0017	EA	GPS Mounting Kit (Sapling M-GPS-MTG-KIT-1)	81.18	23.18
27 53 13 13-0018	EA	Wall Mount, L-Shape, GPS Mounting Kit (Sapling M-GPS-MTG90-KIT-1)	116.00	23.18
27 53 13 13-0019	EA	GPS Antenna Cable, 150 Foot (45.7 Meters) Length (Sapling E-ANT-CBL150F-1)	1,015.42	50.71
27 53 13 13-0020	EA	GPS Antenna Cable, 300 Foot (91.4 Meters) Length (Sapling E-ANT-CBL300F-1)	1,806.71	72.44
27 53 13 13-0021	EA	GPS Surge Protector/Arrestor (Sapling E-GPS-SURGE-1)	634.78	5.79
27 53 13 13-0022		**2.4 GHz, 2.5", 6-Digit, Digital Messaging Wireless Clock System (Sapling SLDG 3000 Series)** *(27 53 13 13)*		
		Note: Includes Sapling standard 2 year "material" warranty and applies to Master Clocks, Analog Clocks, Digital Clocks and Converter Boxes. Quantities over 25 for all digital clocks are Non-Cancelable, Non-Returnable (NCNR). (50) Clock Mininum Quantity Required Per System order for SDLG-32S-256-4R. (25) Clock Mininum Quantity Required Per System order for SDLG-32S-256-1R. All digital clocks are available without bezel or without the housing. Contact Sapling for details. Contact Sapling for Factory Customized Message Options. All digital clocks are pre-loaded and shipped with the following messages below: (1) Tornado Warning (2) Inclement Weather (3) Take Cover (4) Evacuate (5) Lockdown (6) Fire (7) Early Dismissal (8) Flood Warning (9) Earthquake (10) Code Blue (11) All Clear (12) Operation in Progress (13) Test in Progress (14) Lunch Break (15) Shift Break.		
27 53 13 13-0023	EA	3200 Digital Messaging Wireless Clock, 2.4 GHz, 2.5", Dot Matrix Red Display, 24 VAC/VDC, Surface Wall Mount (Sapling SDLG-32S-256-4R)	1,336.97	86.93
		Note: Capability to interface with either Sapling's Elapsed Timer Control Panel Or Sapling Temperature Sensor.		
27 53 13 13-0024	EA	3200 Digital Messaging Wireless Clock, 2.4 GHz, 2.5", Dot Matrix Red Display, 110 Volt, Surface Wall Mount (Sapling SDLG-32S-256-1R)	1,367.71	86.93
		Note: Capability to interface with either Sapling's Elapsed Timer Control Panel Or Sapling Temperature Sensor.		
27 53 13 13-0025	EA	3300 Digital Messaging Wireless Clock, 2.4 GHz, 2.5", Dot Matrix Red Display, 24 VAC/VDC, Surface Wall Mount And Relay Output/Input (Sapling SDLG-33S-256-4R)	1,639.87	86.93
		Note: Capability to interface with either Sapling's Elapsed Timer Control Panel Or Sapling Temperature Sensor.		
27 53 13 13-0026	EA	3300 Digital Messaging Wireless Clock, 2.4 GHz, 2.5", Dot Matrix Red Display, 110 Volt, Surface Wall Mount And Relay Output/Input (Sapling SDLG-33S-256-1R)	1,670.61	86.93
		Note: Capability to interface with either Sapling's Elapsed Timer Control Panel Or Sapling Temperature Sensor.		
27 53 13 13-0027	EA	Short Metal Pole For Ceiling Mount Only For Double/Flag Mount, 8.5", Digital Or Square Analog Clock, Black (Sapling SAB-1BD-01S-0)	178.56	23.18
27 53 13 13-0028	EA	Metal Pole For Double/Flag Mount, Wall Or Ceiling, 13.5", Digital Or Square Analog Clock, Black (Sapling SAB-1BD-00S-0)	178.56	23.18
27 53 13 13-0029	EA	Clock Message Setup Fee, Per Clock (Sapling CLK-MSG-SETUP)	31.65	
27 53 13 13-0030	EA	USB Programming Cable + Software For 3200/3300 Digital Clocks (Sapling D-USB485-INTF-1)	255.07	2.90
27 53 13 13-0031	EA	Elapsed Timer Control Panel For 3200/3300 Clock Model (Sapling SBD-ELT-001-0)	510.14	5.79
27 53 13 13-0032	EA	Elapsed Timer Specialty Buttons Kit (Sapling SBD-ELT-BUT-0)	92.84	2.90
27 53 13 13-0033	EA	Elapsed Timer Clear Protective Cover - Set of 2 Covers (Sapling A-ELT-CLR-GUARD-1)	18.57	0.58
27 53 13 13-0034	EA	Temperature Sensor for 3200/3300 Digital Clock Model (Sapling SBD-TEMP-000-0)	116.05	5.79
27 53 13 13-0035		**2.4 GHz Wireless Message System/Master Clock And Transmitter (Sapling SMM 3000 Series)** *(27 53 13 13)*		
		Note: Includes Sapling standard 2 year "material" warranty and applies to Master Clocks, Analog Clocks, Digital Clocks and Converter Boxes.		
27 53 13 13-0036	EA	Master Clock With 2.4 GHz Transmitter For Time Data And Messages, Rack Mount And Wall Remote Mount Antenna, 8 Programmable Relays/Zones (Sapling SMM-3R0-G008-1)	6,668.30	86.93
27 53 13 13-0037	EA	Master Clock With 2.4 GHz Transmitter And GPS For Time Data And Messages, Rack Mount And Wall Remote Mount Antenna, 8 Programmable Relays/Zones (Sapling SMM-3R0-G108-1)	9,181.00	86.93
27 53 13 13-0038	EA	Message Input Box, 16 Inputs, Rack Mount, For SMM Master Clock (Sapling SMI-000-0016-0)	2,941.03	57.95
27 53 13 13-0039	EA	Wireless Network Repeater, 2.4 GHz, 110 VAC - 230 VAC, with TCP/IP for Campus Environments, Surface Wall Mount (Sapling SMA-1SM-G000-1	1,686.34	57.95
27 53 13 13-0040	EA	NTP Server Upgrade (Sapling SMA-000-SERV-0)	3,165.40	
27 53 13 13-0041	EA	Countdown Feature Upgrade (Sapling SMA-000-CDOW-0)	1,566.87	
27 53 13 13-0042		**Clear Polycarbonate Protective Covers For Wireless Clocks (Sapling)** *(27 53 13 13)*		
		Note: For applications requiring defense against constant moisture or fine dust, a silicone sealant betwen the cover and wall is recommended.		
27 53 13 13-0043	EA	Clear Polycarbonate Protective Cover For 9" Square And 12" Round Analog Clock (Sapling SAG-CLR-COVR-12)	427.82	14.48
27 53 13 13-0044	EA	Clear Polycarbonate Protective Cover For 2.5" Digital Clock (Sapling SDG-CLR-COVR-25)	427.82	14.48
27 53 13 13-0045		**Wire Guards For Wireless Synchronized Clocks (Sapling)** *(27 53 13 13)*		
27 53 13 13-0046	EA	Wire Guard For Round Or Square Analog Clocks (Sapling SAG-1200)	236.16	14.48
27 53 13 13-0047	EA	Wire Guard for 2.5" or 4.0" Digital Clocks (Sapling SDG-2017)	329.58	14.48

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 53 13 13-0048		Wireless Synchronized Clock Transmitters *(27 53 13 13)*		
27 53 13 13-0049		Analog, Wireless Synchronized Clocks (Primex Traditional Series) *(27 53 13 13-0048)*		
27 53 13 13-0050	EA	12.5", Battery Operated, Single Sided, Analog, Wireless Synchronized Clock	328.45	28.98
		For >100 To 250, Deduct	*-57.36*	
		For >250, Deduct	*-68.18*	
27 53 13 13-0051	EA	12.5", Battery Operated, Dual Sided, Analog, Wireless Synchronized Clock	598.94	28.98
		For >100 To 250, Deduct	*-38.43*	
		For >250, Deduct	*-46.54*	
27 53 13 13-0052	EA	16", Battery Operated, Single Sided, Analog, Wireless Synchronized Clock	384.41	28.98
		For >100 To 250, Deduct	*-67.44*	
		For >250, Deduct	*-80.49*	
27 53 13 13-0053	EA	12.5", Electric, Single Sided, Analog, Wireless Synchronized Clock	375.08	28.98
		For >100 To 250, Deduct	*-65.76*	
		For >250, Deduct	*-78.44*	
27 53 13 13-0054	EA	12.5", Electric, Dual Sided, Analog, Wireless Synchronized Clock	692.22	28.98
		For >100 To 250, Deduct	*-43.56*	
		For >250, Deduct	*-53.07*	
27 53 13 13-0055	EA	16", Electric, Single Sided, Analog, Wireless Synchronized Clock	431.05	28.98
		For >100 To 250, Deduct	*-49.71*	
		For >250, Deduct	*-64.64*	
27 53 13 13-0056		Digital, Wireless Synchronized Clocks (Primex Digital Series) *(27 53 13 13-0048)*		
27 53 13 13-0057		4-Digit, Digital, Wireless Synchronized Clocks *(27 53 13 13-0056)*		
27 53 13 13-0058	EA	2.5", Single Sided, 4-Digit, Red LED Digital, Wireless Synchronized Clock	487.01	28.98
		For Green LED, Add	*42.91*	
		For >100 To 250, Deduct	*-43.00*	
		For >250, Deduct	*-64.45*	
27 53 13 13-0059	EA	2.5", Dual Sided, 4-Digit, Red LED Digital, Wireless Synchronized Clock	916.08	28.98
		For Green LED, Add	*85.81*	
		For >100 To 250, Deduct	*-94.49*	
		For >250, Deduct	*-240.37*	
27 53 13 13-0060	EA	4", Single Sided, 4-Digit, Red LED Digital, Wireless Synchronized Clock	542.98	28.98
		For Green LED, Add	*48.50*	
		For >100 To 250, Deduct	*-30.50*	
		For >250, Deduct	*-45.05*	
27 53 13 13-0061	EA	4", Dual Sided, 4-Digit, Red LED Digital, Wireless Synchronized Clock	1,028.00	28.98
		For Green LED, Add	*97.01*	
		For >100 To 250, Deduct	*-86.28*	
		For >250, Deduct	*-270.59*	
27 53 13 13-0062		6-Digit, Digital, Wireless Synchronized Clocks *(27 53 13 13-0056)*		
27 53 13 13-0063	EA	2.5", Single Sided, 6-Digit, Red LED Digital, Wireless Synchronized Clock	542.98	28.98
		For Green LED, Add	*48.50*	
		For >100 To 250, Deduct	*-35.35*	
		For >250, Deduct	*-50.87*	
27 53 13 13-0064	EA	2.5", Dual Sided, 6-Digit, Red LED Digital, Wireless Synchronized Clock	1,028.00	28.98
		For Green LED, Add	*97.01*	
		For >100 To 250, Deduct	*-77.55*	
		For >250, Deduct	*-183.28*	
27 53 13 13-0065	EA	2.5", Flush Mount, 6-Digit, Red LED Digital, Wireless Synchronized Clock	636.25	28.98
		For Green LED, Add	*57.83*	
		For >100 To 250, Deduct	*-28.91*	
		For >250, Deduct	*-43.37*	
27 53 13 13-0066		Wire Guards For Wireless Synchronized Clocks *(27 53 13 13-0048)*		
27 53 13 13-0067	EA	18" x 18" Analog Clock Wire Guard For 16" Wireless Synchronized Clocks	168.89	14.48
27 53 13 13-0068	EA	Digital Clock Wire Guard For 2.5" Wireless Synchronized Clocks	75.62	14.48
27 53 13 13-0069	EA	Digital Clock Wire Guard For 4" Wireless Synchronized Clocks	84.94	14.48
27 53 13 13-0070		Wireless Synchronized Clock Transmitters *(27 53 13 13-0048)* Note: Includes 16 channel transmitter with daylight savings bypass and time zone switch, GPS receiver, 16' cable and window installation hardware.		
27 53 13 13-0071	EA	Internal Antenna, One Watt GPS Wireless Clock Transmitter (Primex 14000)	3,708.95	86.93
		For Roof Mounted GPS Receiver, Add	*526.96*	
27 53 13 13-0072	EA	External Antenna, One Watt GPS Wireless Clock Transmitter (Primex 14000-E) Note: Includes 100' antenna cable, 29.4" high x 41.5" wide ground plane antenna with direct ground lightning protection.	6,050.14	86.93
		For Roof Mounted GPS Receiver, Add	*761.08*	
27 53 13 13-0073	EA	Repeater, Satellite Transmitter (Primex 14006) Note: Includes 100' antenna cable, 29.4" high x 41.5" wide ground plane antenna with direct ground lightning protection.	3,651.01	57.95
27 53 13 13-0074		Accessories For Wireless Synchronized Clock Transmitters *(27 53 13 13-0048)*		
27 53 13 13-0075	EA	External Antenna Mounting Kit For Wireless Synchronized Clock Transmitters	326.18	23.18
27 53 13 13-0076	EA	Transmitter Rack For Wireless Synchronized Clock Transmitters	143.37	23.18
27 53 13 13-0077	EA	Surge Protector And Battery Back Up For Wireless Synchronized Clock Transmitters	220.52	11.59

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 53 13 13-0078	EA	50' GPS Receiver Cable For Wireless Synchronized Clock Transmitters	182.94	28.98
27 53 13 13-0079	EA	100' GPS Receiver Cable For Wireless Synchronized Clock Transmitters	254.82	43.46
27 53 13 13-0080	EA	200' GPS Receiver Cable For Wireless Synchronized Clock Transmitters	377.08	57.95

27 53 13 16 Wired Clock Systems *(27 53 13)*

27 53 13 16-0001 Wired Self-Corrective Clock Systems *(27 53 13 16)*

27 53 13 16-0002 Wired Self-Corrective Clocks *(27 53 13 16-0001)*

27 53 13 16-0003 Analog, Wired Self-Corrective Clocks (Telecor) *(27 53 13 16-0002)*

27 53 13 16-0004 24 Volt AC, Analog, Wired Self-Corrective Clocks *(27 53 13 16-0003)*

27 53 13 16-0005	EA	12", Single Sided, 24 Volt AC, Analog, Wired Self-Corrective Clock, Semi-Flush Mount	279.01	28.98
		For >50 To 100, Deduct	*-17.52*	
		For >100, Deduct	*-26.36*	
27 53 13 16-0006	EA	12", Dual Sided, 24 Volt AC, Analog, Wired Self-Corrective Clock, Surface Mount	673.56	28.98
		For >50 To 100, Deduct	*-33.30*	
		For >100, Deduct	*-57.92*	
27 53 13 16-0007	EA	16", Single Sided, 24 Volt AC, Analog, Wired Self-Corrective Clock, Semi-Flush Mount	351.76	28.98
		For >50 To 100, Deduct	*-23.36*	
		For >100, Deduct	*-35.12*	
27 53 13 16-0008	EA	16", Dual Sided, 24 Volt AC, Analog, Wired Self-Corrective Clock, Surface Mount	891.82	28.98
		For >50 To 100, Deduct	*-92.06*	
		For >100, Deduct	*-125.41*	

27 53 13 16-0009 120 Volt AC, Analog, Wired Self-Corrective Clocks *(27 53 13 16-0003)*

27 53 13 16-0010	EA	12", Single Sided, 120 Volt AC, Analog, Wired Self-Corrective Clock, Semi-Flush Mount	279.01	28.98
		For >50 To 100, Deduct	*-17.52*	
		For >100, Deduct	*-26.36*	
27 53 13 16-0011	EA	12", Dual Sided, 120 Volt AC, Analog, Wired Self-Corrective Clock, Surface Mount	673.56	28.98
		For >50 To 100, Deduct	*-33.30*	
		For >100, Deduct	*-57.92*	
27 53 13 16-0012	EA	16", Single Sided, 120 Volt AC, Analog, Wired Self-Corrective Clock, Semi-Flush Mount	351.76	28.98
		For >50 To 100, Deduct	*-23.36*	
		For >100, Deduct	*-35.12*	
27 53 13 16-0013	EA	16", Dual Sided, 120 Volt AC, Analog, Wired Self-Corrective Clock, Surface Mount	891.82	28.98
		For >50 To 100, Deduct	*-92.06*	
		For >100, Deduct	*-125.41*	

27 53 13 16-0014 Accessories For Analog Wired Self-Corrective Clocks *(27 53 13 16-0003)*

27 53 13 16-0015	EA	Wire Guards For 12", 15" Or 16" Analog Wired Self-Corrective Clocks	231.85	14.48
27 53 13 16-0016	EA	Back Box For 10", 12" Or 15" Flush Mount Analog Wired Self-Corrective Clocks	56.96	14.48
27 53 13 16-0017	EA	Surface Mounting Rings For 12" Analog Wired Self-Corrective Clocks	73.06	14.48
27 53 13 16-0018	EA	Surface Mounting Rings For 15" Analog Wired Self-Corrective Clocks	89.85	14.48
27 53 13 16-0019	EA	Combination Back Box For Speaker And Clock	155.92	23.18

27 53 13 16-0020 Digital, Wired Self-Corrective Clocks (Telecor) *(27 53 13 16-0002)*

27 53 13 16-0021 24 Volt AC, Digital, Wired Self-Corrective Clocks *(27 53 13 16-0020)*

27 53 13 16-0022	EA	2.5", 24 Volt AC, Digital, Wired Self-Corrective Clock, Flush Mount	346.17	28.98
		For Surface Mount, Add	*57.64*	
		For >50 To 100, Deduct	*-17.29*	
		For >100, Deduct	*-28.82*	
27 53 13 16-0023	EA	4", 24 Volt AC, Digital, Wired Self-Corrective Clock, Flush Mount	536.45	28.98
		For Surface Mount, Add	*95.70*	
		For >50 To 100, Deduct	*-28.71*	
		For >100, Deduct	*-47.85*	

27 53 13 16-0024 120 Volt AC, Digital, Wired Self-Corrective Clocks *(27 53 13 16-0020)*

27 53 13 16-0025	EA	2.5", 120 Volt AC, Digital, Wired Self-Corrective Clock, Flush Mount	346.17	28.98
		For Surface Mount, Add	*57.64*	
		For >50 To 100, Deduct	*-17.29*	
		For >100, Deduct	*-28.82*	
27 53 13 16-0026	EA	4", 120 Volt AC, Digital, Wired Self-Corrective Clock, Flush Mount	536.45	28.98
		For Surface Mount, Add	*95.70*	
		For >50 To 100, Deduct	*-28.71*	
		For >100, Deduct	*-47.85*	

27 53 13 16-0027 Replacement Modules For 24 Volt AC, Digital, Wired Self-Corrective Clocks *(27 53 13 16-0020)*

27 53 13 16-0028	EA	2.5", Replacement Module For 24 Volt AC, Digital, Wired Self-Corrective Clocks	295.11	28.98
		For >50 To 100, Deduct	*-14.23*	
		For >100, Deduct	*-23.72*	
27 53 13 16-0029	EA	4" Replacement Module For 24 Volt AC, Digital, Wired Self-Corrective Clocks	490.28	28.98
		For >50 To 100, Deduct	*-25.94*	
		For >100, Deduct	*-43.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 53 13 16-0030		**Replacement Modules For 120 Volt AC, Digital, Wired Self-Corrective Clocks** *(27 53 13 16-0020)*		
27 53 13 16-0031	EA	2.5", Replacement Module For 120 Volt AC, Digital, Wired Self-Corrective Clocks	295.11	28.98
		For >50 To 100, Deduct	*-14.23*	
		For >100, Deduct	*-23.72*	
27 53 13 16-0032	EA	4" Replacement Module For 120 Volt AC, Digital, Wired Self-Corrective Clocks	490.28	28.98
		For >50 To 100, Deduct	*-25.94*	
		For >100, Deduct	*-43.23*	
27 53 13 16-0033		**Accessories For Digital Wired Self-Corrective Clocks** *(27 53 13 16-0020)*		
27 53 13 16-0034	EA	Wire Guard For 4" Surface Mount Analog Wired Self-Corrective Clocks	317.20	14.48
27 53 13 16-0035	EA	2.5", Recessed Back Box For Flush Mount Digital Wired Self-Corrective Clocks	73.75	14.48
27 53 13 16-0036	EA	4", Recessed Back Box For Flush Mount Digital Wired Self-Corrective Clocks	103.13	14.48
27 53 13 16-0037	EA	Dual Mounting Kit For Surface Mount Digital Wired Self-Corrective Clocks	276.62	14.48
27 53 13 16-0038	EA	4 Gang Extension Ring For Surface Mount Digital Wired Self-Corrective Clocks	75.86	14.48
27 53 13 16-0039		**Wired Self-Corrective Master Clocks** *(27 53 13 16-0001)*		
27 53 13 16-0040		**Wired Self-Corrective Master Clocks** *(27 53 13 16-0039)*		
27 53 13 16-0041	EA	24 Volt AC, Wired Self-Corrective Master Clock, Surface Mount (Telecor 2400-S-24)	3,256.25	231.81
27 53 13 16-0042	EA	120 Volt AC, Wired Self-Corrective Master Clock, Surface Mount (Telecor 2400-S-120)	3,466.12	231.81
27 53 13 16-0043		**Accessories For Wired Self-Corrective Master Clocks** *(27 53 13 16-0039)*		
27 53 13 16-0044	EA	5 Amperes Power Transformer For 24 Volt AC, Wired Self-Corrective Clock Systems (Telecor 2405)	327.89	57.95
27 53 13 16-0045	EA	10 Amperes Power Transformer For 24 Volt AC, Wired Self-Corrective Clock Systems (Telecor 2406)	371.95	57.95
27 53 13 16-0046		**Other Clock And Program Systems** *(27 53 13 16)*		
27 53 13 16-0047	EA	4 Circuit Master Clock And Signal Control (Lathem LTR4-512)	1,975.05	115.91
27 53 13 16-0048	EA	8 Circuit Master Clock And Signal Control (Lathem LTR8-512)	2,372.14	231.81
27 53 13 16-0049	EA	Program Bell (Lathem 906-6)	283.78	57.95
27 53 13 16-0050	EA	Combination Clock And Speaker	641.93	144.87

END OF SECTION 27

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

28 Electronic Safety and Security

Note: Termination costs are included with all safety and security equipment, panel boards, and devices. Terminations are not included with patch panels.

28 05 Common Work Results for Electronic Safety and Security *(28)*

28 05 26 Grounding and Bonding for Electronic Safety and Security *(28 05)*

See CSI section 26 05 26 00-0000 for grounding and bonding.

28 05 53 Identification for Electronic Safety and Security *(28 05)*

See CSI section 26 05 53 00-0000 for identification.

28 10 Access Control *(28)*

Note: Includes testing of new devices and certification.

28 15 Integrated Access Control Hardware Devices *(28 10)*

28 15 11 Integrated Credential Readers and Field Entry Management *(28 15)*

28 15 11 13 Keypads *(28 15 11)*

28 15 11 13-0001 Vindicator Security Alarm System *(28 15 11 13)*

28 15 11 13-0002	EA	Switch, Balanced Magnetic Door (Security) Vindicator #192-30894-00		1,609.69	241.66
28 15 11 13-0003	EA	Detector, Passive Infrared (Security) Vindicator #316-30812-00		2,035.68	314.10
28 15 11 13-0004	EA	Premise Control Unit (Security) Vindicator #548-32004-01		11,442.02	688.47
28 15 11 13-0005	EA	Access Manager (Security Key Pad) Vindicator #548-31894-01		5,432.63	586.71
28 15 11 13-0006	EA	ALS Duress Switch (Security) Vindicator #192-30810-00		1,279.08	320.94

28 16 Access Control Interfaces *(28 10)*

28 16 11 Access Control Interfaces to Access Control Hardware *(28 16)*

28 16 11 00-0001 Stand Alone Access Controls *(28 16 11)*

28 16 11 00-0002 Push Button Controls, Stand Alone Access Controls *(28 16 11 00-0001)*

28 16 11 00-0003 Interior Mount, Push Button Controls, Stand Alone Access Controls *(28 16 11 00-0002)*

28 16 11 00-0004	EA	Exit Push Button, Push Button Controls, Interior Stand Alone Access Controls Note: Controls mount to a standard mullion.		140.38	28.98
28 16 11 00-0005	EA	Exit Push Button, Push Button Controls, Interior Stand Alone Access Controls Note: Controls mount into a single gang electrical box. Excludes electrical box.		147.24	28.98
28 16 11 00-0006	EA	Three Button, Push Button Controls, Interior Stand Alone Access Controls For Gate Operators Note: Controls mount into a single gang electrical box. Excludes electrical box.		186.74	28.98

28 16 11 00-0007 Exterior Mount, Push Button Controls, Stand Alone Access Controls *(28 16 11 00-0002)*

Note: Includes a lockable, gasketed 16 gauge steel enclosure. Excludes mounting posts.

28 16 11 00-0008	EA	Handicap/Push To Open, Push Button Controls, Exterior Stand Alone Access Controls Note: Controls mount into a single gang electrical box. Excludes electrical box.		177.01	28.98
28 16 11 00-0009	EA	42" High Aluminum Post With Handicap/Push To Open, Push Button Controls, Exterior Stand Alone Access Controls Note: Includes post, mounting base and push button control. Excludes concrete foundation.		858.44	86.93
28 16 11 00-0010	EA	Three Button, Exterior Stand Alone Access Controls For Gate Operators Note: Includes open, close and stop controls.		289.77	28.98

28 16 11 00-0011 Key Controls, Stand Alone Access Controls *(28 16 11 00-0001)*

28 16 11 00-0012 Interior Mount, Key Controls, Stand Alone Access Controls *(28 16 11 00-0011)*

28 16 11 00-0013	EA	Standard Mortise Key, Key Controls, Interior Stand Alone Access Controls Note: Controls mount into a single gang electrical box. Excludes electrical box.		199.62	28.98

28 16 11 00-0014 Exterior Mount, Key Controls, Stand Alone Access Controls *(28 16 11 00-0011)*

Note: Includes a lockable NEMA rain resistant steel enclosure. Excludes mounting posts.

28 16 11 00-0015	EA	Postal Or Fire Department Lock Box, Key Controls, Exterior Stand Alone Access Controls Note: Opens door or gate with a postal or fire department key.		304.80	57.95
28 16 11 00-0016	EA	Standard Mortise Key, Key Controls, Exterior Stand Alone Access Controls		486.83	57.95
28 16 11 00-0017	EA	Ace Key, Key Controls, Exterior Stand Alone Access Controls		486.83	57.95
28 16 11 00-0018	EA	Standard Mortise Key And Push Button Intercom, Key Controls, Exterior Stand Alone Access Controls		747.84	57.95

28 16 11 00-0019 Keypad Controls, Stand Alone Access Controls *(28 16 11 00-0001)*

28 16 11 00-0020 Interior Mount, Keypad Controls, Stand Alone Access Controls *(28 16 11 00-0019)*

28 16 11 00-0021	EA	One Code Memory, Keypad Control, Interior Stand Alone Access Controls Note: Stores one 4-digit entry code and one 4-digit hold code. Controls mount into a single gang electrical box. Excludes electrical box.		281.19	28.98

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 16 11 00-0022		Exterior Mount, Keypad Controls, Stand Alone Access Controls *(28 16 11 00-0019)*		
		Note: Includes a surface mounted lockable NEMA rain resistant steel enclosure. Excludes mounting posts.		
28 16 11 00-0023		Keypad Controls, Exterior Stand Alone Access Controls *(28 16 11 00-0022)*		
28 16 11 00-0024	EA	1000 Code Memory, Keypad Control, Exterior Stand Alone Access Controls	1,176.27	115.91
		Note: Includes lighted keypad. Stores one thousand 4-digit entry codes and six 5-digit entry codes.		
		For Flush Mount, Add	*212.50*	
28 16 11 00-0025		Keypad Controls With Push Button Intercom, Exterior Stand Alone Access Controls *(28 16 11 00-0022)*		
		Note: Includes intercom sub-station. Excludes additional receiving intercoms.		
28 16 11 00-0026	EA	1000 Code Memory, Keypad Controls With Push Button Intercom, Exterior Stand Alone Access Controls	1,428.48	130.39
		Note: Includes lighted keypad. Stores one thousand 4-digit entry codes and six 5-digit entry codes.		
		For Flush Mount, Add	*262.73*	
28 16 11 00-0027		RF Controls, Stand Alone Access Controls *(28 16 11 00-0001)*		
28 16 11 00-0028		Exterior Mount, RF Controls, Stand Alone Access Controls *(28 16 11 00-0027)*		
		Note: Includes a lockable NEMA rain resistant steel enclosure. Excludes mounting posts and transmitters.		
28 16 11 00-0029		RF Receivers, RF Controls, Exterior Stand Alone Access Controls *(28 16 11 00-0028)*		
		Note: Includes a lockable NEMA rain resistant steel enclosure. Excludes mounting posts and transmitters.		
28 16 11 00-0030	EA	50 Code Memory, RF Receiver, RF Controls, Exterior Stand Alone Access Controls	695.45	115.91
28 16 11 00-0031	EA	100 Code Memory, RF Receiver, RF Controls, Exterior Stand Alone Access Controls	788.18	115.91
28 16 11 00-0032	EA	250 Code Memory, RF Receiver, RF Controls, Exterior Stand Alone Access Controls	877.48	115.91
28 16 11 00-0033	EA	500 Code Memory, RF Receiver, RF Controls, Exterior Stand Alone Access Controls	973.64	115.91
28 16 11 00-0034	EA	1000 Code Memory, RF Receiver, RF Controls, Exterior Stand Alone Access Controls	1,062.93	115.91
28 16 11 00-0035	EA	5000 Code Memory, RF Receiver, RF Controls, Exterior Stand Alone Access Controls	1,159.10	115.91
28 16 11 00-0036	EA	16000 Code Memory, RF Receiver, RF Controls, Exterior Stand Alone Access Controls	1,248.39	115.91
28 16 11 00-0037		RF Transmitters, RF Controls, Exterior Stand Alone Access Controls *(28 16 11 00-0028)*		
28 16 11 00-0038	EA	1 Button, RF Transmitter, RF Controls, Exterior Stand Alone Access Controls	58.38	
		For >40 To 110, Deduct	*-2.92*	
		For >110, Deduct	*-5.84*	
		For Built In Proximity Tags, Add	*11.68*	
28 16 11 00-0039	EA	2 Button, RF Transmitter, RF Controls, Exterior Stand Alone Access Controls	61.82	
		For >40 To 110, Deduct	*-3.09*	
		For >110, Deduct	*-6.18*	
		For Built In Proximity Tags, Add	*12.36*	
28 16 11 00-0040	EA	3 Button, RF Transmitter, RF Controls, Exterior Stand Alone Access Controls	65.25	
		For >40 To 110, Deduct	*-3.26*	
		For >110, Deduct	*-6.53*	
		For Built In Proximity Tags, Add	*13.05*	
28 16 11 00-0041		Accessories For RF Receivers, Exterior Stand Alone Access Controls *(28 16 11 00-0028)*		
28 16 11 00-0042	EA	Coax Antenna Kit For RF Receivers, Exterior Stand Alone Access Controls	256.28	86.93
		Note: Includes 15' of coax cable.		
28 16 11 00-0043	EA	Antenna Amplifier For RF Receivers, Exterior Stand Alone Access Controls	517.29	86.93
		Note: Includes 20' of coax cable.		
28 16 11 00-0044	EA	Yagi High-Gain Antenna Kit For RF Receivers, Exterior Stand Alone Access Controls	469.21	86.93
		Note: Includes 15' of coax cable.		
28 16 11 00-0045		Proximity Card Controls, Stand Alone Access Controls *(28 16 11 00-0001)*		
28 16 11 00-0046		Exterior Mount, Proximity Card Controls, Stand Alone Access Controls *(28 16 11 00-0045)*		
		Note: Includes a lockable NEMA rain resistant steel enclosure. Excludes mounting posts.		
28 16 11 00-0047		DKS Proximity Card Controls, Exterior Stand Alone Access Controls *(28 16 11 00-0046)*		
28 16 11 00-0048		DKS Proximity Card Readers, Exterior Stand Alone Access Controls *(28 16 11 00-0047)*		
28 16 11 00-0049	EA	DKS Proximity Card Reader, Exterior Stand Alone Access Controls	1,347.99	115.91
28 16 11 00-0050		AWID Proximity Card Controls, Exterior Stand Alone Access Controls *(28 16 11 00-0046)*		
28 16 11 00-0051		AWID Proximity Card Readers, Exterior Stand Alone Access Controls *(28 16 11 00-0050)*		
28 16 11 00-0052	EA	AWID Proximity Card Reader, Exterior Stand Alone Access Controls	1,468.19	115.91
28 16 11 00-0053		HID Proximity Card Controls, Exterior Stand Alone Access Controls *(28 16 11 00-0046)*		
28 16 11 00-0054		HID Proximity Card Readers, Exterior Stand Alone Access Controls *(28 16 11 00-0053)*		
28 16 11 00-0055	EA	HID Proximity Card Reader, Exterior Stand Alone Access Controls	1,742.95	115.91

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 16 11 00-0056		Magnetic Stripe Card Controls, Stand Alone Access Controls *(28 16 11 00-0001)*		
28 16 11 00-0057		Interior Mount, Magnetic Stripe Card Controls, Stand Alone Access Controls *(28 16 11 00-0056)*		
28 16 11 00-0058	EA	Magnetic Stripe Reader, Interior Stand Alone Access Controls	798.49	115.91
28 16 11 00-0059		Exterior Mount, Magnetic Stripe Card Controls, Stand Alone Access Controls *(28 16 11 00-0056)*		
		Note: Includes a lockable NEMA rain resistant steel enclosure. Excludes mounting posts.		
28 16 11 00-0060	EA	Magnetic Stripe Reader, Exterior Stand Alone Access Controls	992.42	115.91
28 16 11 00-0061		Other Stand Alone Access Controls *(28 16 11 00-0001)*		
28 16 11 00-0062	EA	Toggle Switch, Interior Access Controls For Gate Operators	135.22	28.98
		Note: Controls mount into a single gang electrical box. Excludes electrical box.		
28 16 11 00-0063	EA	Request To Exit Motion Detector (Bosch Security Systems DS160)	147.23	23.18
28 16 11 00-0064		Wiegand Output Access Controls *(28 16 11)*		
		Note: Excludes controllers.		
28 16 11 00-0065		Proximity Card Controls, Wiegand Output Access Controls *(28 16 11 00-0064)*		
28 16 11 00-0066		DKS, Proximity Card Controls, Wiegand Output Access Controls *(28 16 11 00-0065)*		
28 16 11 00-0067		DKS, Proximity Cards *(28 16 11 00-0066)*		
28 16 11 00-0068	EA	Clamshell Type, DKS Proximity Card (DKS 170)	9.14	
28 16 11 00-0069	EA	ISO Compliant Graphics Card, DKS Proximity Card (DKS 80)	15.07	
28 16 11 00-0070	EA	DKS Proximity Key Fob (DKS 50)	15.87	
28 16 11 00-0071	EA	Active Tag, DKS Proximity Tag (DKS 150)	89.75	
		Note: Battery powered tag to boost signal.		
28 16 11 00-0072	EA	Active Tag, DKS Proximity Tag (DKS 200)	117.00	
		Note: Battery powered tag to boost signal.		
28 16 11 00-0073		DKS, Proximity Card Readers, Wiegand Output Access Controls *(28 16 11 00-0066)*		
28 16 11 00-0074	EA	Up To 2" Read Range, 12 Volt DC, DKS Proximity Card Reader, Wiegand Output Access Controls (DKS Small)	472.47	144.87
28 16 11 00-0075	EA	Up To 3" Read Range, 12 Volt DC, DKS Proximity Card Reader, Wiegand Output Access Controls (DKS Mullion)	472.47	144.87
28 16 11 00-0076	EA	Up To 4" Read Range, 12 Volt DC, DKS Proximity Card Reader, Wiegand Output Access Controls (DKS Single Gang)	472.47	144.87
28 16 11 00-0077	EA	Up To 30" Read Range, 12 Volt DC, DKS Proximity Card Reader, Wiegand Output Access Controls (DKS)	1,328.32	144.87
		Note: Includes mounting bracket and 12 Volt DC regulated power supply.		
28 16 11 00-0078		AWID, Proximity Card Controls, Wiegand Output Access Controls *(28 16 11 00-0065)*		
28 16 11 00-0079		AWID, Proximity Cards *(28 16 11 00-0078)*		
28 16 11 00-0080	EA	Clamshell Type, AWID Proximity Card (AWID Prox-Linc CS)	7.69	
28 16 11 00-0081	EA	ISO Compliant Graphics Card, AWID Proximity Card (AWID Prox-Linc GR)	12.02	
28 16 11 00-0082	EA	AWID Proximity Key Fob (AWID Prox-Linc KT)	12.82	
28 16 11 00-0083	EA	Windshield Tag For LR 2000 Readers, AWID Proximity Tag	44.88	
28 16 11 00-0084	EA	Metal Mount Tag For LR 2000 Readers, AWID Proximity Tag	44.88	
28 16 11 00-0085		AWID, Proximity Card Readers, Wiegand Output Access Controls *(28 16 11 00-0078)*		
28 16 11 00-0086	EA	Up To 4" Read Range, 5-12 Volt DC, AWID Proximity Card Reader, Wiegand Output Access Controls (AWID SR 2400)	578.25	144.87
		Note: For mullion mounting.		
28 16 11 00-0087	EA	Up To 8" Read Range, 5-12 Volt DC, AWID Proximity Card Reader, Wiegand Output Access Controls (AWID MM 6800)	809.04	144.87
		Note: For mullion mounting.		
28 16 11 00-0088	EA	Up To 8" Read Range, 5-12 Volt DC, AWID Proximity Card Reader, Wiegand Output Access Controls (AWID MM 6820)	809.04	144.87
		Note: For single gang electrical box mounting.		
28 16 11 00-0089	EA	Up To 24" Read Range, 5-12 Volt DC, AWID Proximity Card Reader, Wiegand Output Access Controls (AWID MR 1824)	1,331.53	144.87
		Note: Includes 12 Volt DC regulated power supply.		
28 16 11 00-0090	EA	Up To 11' Read Range, 12 Volt DC, AWID Proximity Card Reader, Wiegand Output Access Controls (AWID LR 2000)	7,601.37	144.87
		Note: Includes mounting bracket and 12 Volt DC regulated power supply.		
28 16 11 00-0091		HID, Proximity Card Controls, Wiegand Output Access Controls *(28 16 11 00-0065)*		
28 16 11 00-0092		HID, Proximity Cards *(28 16 11 00-0091)*		
28 16 11 00-0093	EA	Clamshell Type, HID Proximity Card (HID ProxCard II)	17.99	
28 16 11 00-0094	EA	ISO Compliant Graphics Card, HID Proximity Card (HID ISOProx II)	23.76	
28 16 11 00-0095	EA	HID Proximity Key Fob (HID ProxKey II)	24.40	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 16 11 00-0096		**HID, Proximity Card Readers, Wiegand Output Access Controls** *(28 16 11 00-0091)*		
28 16 11 00-0097	EA	Up To 3" Read Range, 5-16 Volt DC, HID Proximity Card Reader, Wiegand Output Access Controls (HID ProxPoint Plus) Note: For mullion mounting. (HID P/N 6005).	536.14	144.87
28 16 11 00-0098	EA	Up To 5" Read Range, 5-16 Volt DC, HID Proximity Card Reader, Wiegand Output Access Controls (HID ThinLine II) Note: For single gang electrical box mounting. (HID P/N 5395).	635.69	144.87
28 16 11 00-0099	EA	Up To 5" Read Range, 5-16 Volt DC, HID Proximity Card Reader, Wiegand Output Access Controls (HID MiniProx) Note: For mullion mounting. (HID P/N 5365).	710.35	144.87
28 16 11 00-0100	EA	EntryProx Single-Door Proximity Access Control Note: (HID P/N 4045) Stores up to 2,000 users and 1,000 time-stamped transactions 12 position keypad for Pin entry or programming optional use with card/key fob, code only or card plus pin code Wiegand output mode. Continental Instrument CICR2358P.	911.94	144.87
28 16 11 00-0101		**Contactless Smart Card Controls, Wiegand Output Access Controls** *(28 16 11 00-0064)*		
28 16 11 00-0102		**HID, Contactless Smart Cards** *(28 16 11 00-0101)*		
28 16 11 00-0103	EA	2K Bits, Clamshell Type, HID iClass, Contactless Smart Card	14.10	
28 16 11 00-0104	EA	16K Bits, ISO Compliant Graphics Card, HID iClass, Contactless Smart Card	15.40	
28 16 11 00-0105	EA	16K Bits, Contactless Smartcard Key Fob, HID iClass, Contactless Smart Card	20.15	
28 16 11 00-0106	EA	16K Bits, Contactless Smartcard Tag, HID iClass, Contactless Smart Card Note: Battery powered tag to boost signal.	10.91	
28 16 11 00-0107		**HID, Contactless Smart Card Readers, Wiegand Output Access Controls** *(28 16 11 00-0101)*		
28 16 11 00-0108	EA	Up To 3-1/4" Read Range, 5-16 Volt DC, HID iClass Contactless Smart Card Reader, Wiegand Output Access Controls (HID R10) Note: For mullion mounting.	544.13	144.87
28 16 11 00-0109	EA	Up To 4-1/4" Read Range, 5-12 Volt DC, HID iClass Contactless Smart Card Reader, Wiegand Output Access Controls (HID R40) Note: For mullion mounting.	755.69	144.87
28 16 11 00-0110	EA	Up To 4-1/4" Read Range, 5-12 Volt DC, HID iClass Contactless Smart Card Reader With Keypad, Wiegand Output Access Controls (HID RK40) Note: For mullion mounting.	1,231.70	144.87
28 16 11 00-0111		**HID, Contactless Smart Card Programmer, Wiegand Output Access Controls** *(28 16 11 00-0101)*		
28 16 11 00-0112	EA	HID iClass Contactless Smart Card Programmer, Wiegand Output Access Controls (HID CP400) Note: For mullion mounting.	3,908.93	144.87
28 16 11 00-0113		**Call Station Controls, Wiegand Output Access Controls** *(28 16 11 00-0064)* Note: Includes intercom sub-station. Excludes additional receiving intercoms.		
28 16 11 00-0114	EA	Call Station With Entry Keypad, Exterior Wiegand Output Access Controls Note: For mullion mounting.	1,526.14	144.87
28 16 11 00-0115	EA	Call Station With Proximity Card Reader, Exterior Wiegand Output Access Controls Note: For mullion mounting.	1,268.56	144.87
28 16 11 00-0116		**Biometrics Readers, Wiegand Output Access Controls** *(28 16 11 00-0064)*		
28 16 11 00-0117	EA	Palm Reader Recognition System, Biometrics Readers, Wiegand Output Access Controls	6,821.33	115.91
28 16 11 00-0118	EA	CCD Camera, Face Image, Biometrics Readers, Wiegand Output Access Controls	8,335.55	115.91
28 16 11 00-0119	EA	Video Grabber Card For DFR Reader, Biometrics Readers, Wiegand Output Access Controls	3,275.47	115.91
28 16 11 00-0120	EA	Fingerprint Reader, Biometrics Readers, Wiegand Output Access Controls (Bioscrypt V-Pass)	1,982.21	115.91
28 16 11 00-0121	EA	Fingerprint Reader With HID Card Reader, Biometrics Readers, Wiegand Output Access Controls (Bioscrypt V-Prox)	2,208.88	115.91
28 16 11 00-0122	EA	Fingerprint Reader With Contactless Smart Card Reader, Biometrics Readers, Wiegand Output Access Controls (Bioscrypt V-Smart)	1,982.21	115.91
28 16 11 00-0123		**Exterior Mounting Posts For Gate Operator Access Controls** *(28 16 11)* Note: Includes mounting plate for access controls, baked on enamel finish and mounting bolt covers. Excludes concrete pads and electrical connections.		
28 16 11 00-0124		**2" x 2" Steel, Exterior Mounting Posts For Gate Operator Access Controls** *(28 16 11 00-0123)*		
28 16 11 00-0125	EA	44" Tall, Gooseneck Style, Single Mount, 2" x 2" Steel, Exterior Mounting Post For Gate Operator Access Controls Note: Includes a 5" x 5" base plate.	473.24	52.88
28 16 11 00-0126	EA	73" Tall, Gooseneck Style, Dual Mount, 2" x 2" Steel, Exterior Mounting Post For Gate Operator Access Controls Note: Includes an 8" x 8" base plate.	878.50	52.88
28 16 11 00-0127	EA	Anchor Post For 2" x 2" Steel, Exterior Mounting Post For Gate Operator Access Controls Note: Includes a 24" in-ground post with matching base plate, conduit access and mounting hardware.	432.03	52.88
28 16 11 00-0128		**4" x 4" Steel, Exterior Mounting Posts For Gate Operator Access Controls** *(28 16 11 00-0123)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 16 11 00-0129	EA	59" Tall, Straight Style, Single Mount, 4" x 4" Steel, Exterior Mounting Post For Vehicular Gate Operator Access Controls Note: Includes an 8" x 8" base plate.	834.41	63.46
28 16 11 00-0130	EA	49" Tall, Offset Style, Single Mount, 4" x 4" Steel, Exterior Mounting Post For Vehicular Gate Operator Access Controls Note: Includes an 8" x 8" base plate and a 14" offset from back of post.	985.52	63.46
28 16 11 00-0131	EA	Anchor Post For 4" x 4" Steel, Exterior Mounting Post For Vehicular Gate Operator Access Controls Note: Includes a 24" in-ground post with matching base plate, conduit access and mounting hardware.	624.91	63.46
28 16 11 00-0132		**4" x 8" Steel, Exterior Mounting Posts For Gate Operator Access Controls** *(28 16 11 00-0123)*		
28 16 11 00-0133	EA	59" Tall, Straight Style, Single Mount, 4" x 8" Steel, Exterior Mounting Post For Gate Operator Access Controls Note: Includes a 11" x 13" base plate.	2,614.24	79.33
28 16 11 00-0134	EA	50" Tall, Offset Style, Single Mount, 4" x 8" Steel, Exterior Mounting Post For Gate Operator Access Controls Note: Includes a 10" x 14" base plate and a 14" offset from back of post.	2,734.44	79.33
28 16 11 00-0135	EA	Anchor Post For 4" x 8" Steel, Exterior Mounting Post For Gate Operator Access Controls Note: Includes a 24" in-ground post with matching base plate, conduit access and mounting hardware.	1,171.79	26.44
28 16 11 00-0136	EA	48" Light Tower For 4" x 8" Steel, Exterior Mounting Post For Gate Operator Access Controls	1,824.32	79.33
28 16 11 00-0137		**Access Control Accessories** *(28 16 11)*		
28 16 11 00-0138	EA	6 Volt DC, 12 Volt DC, Or 24 Volt DC, At 4 Amperes, Power Supply/Charger (Altronix SMP-5)	644.17	
28 16 11 00-0139	EA	7 Amperes, 12 Volt, Battery	86.05	
28 16 11 00-0140	EA	18 Amperes, 12 Volt, Battery	191.81	
28 16 11 00-0141	EA	Door Personality Module (Sensormatic RM-4)	702.44	28.98
28 16 11 00-0142	EA	Mini-Alert Door Ajar Sounder (System Sensor PA400)	279.56	57.95
28 16 11 00-0143	EA	Recessed Contact For Steel Doors, Door Monitor Switch (Sentrol 1078C)	82.24	34.77
28 16 11 00-0144	EA	Access Control Systems Power Supply (Altronix AL400ULACMCB)	780.48	23.18
28 16 11 00-0145	EA	Surge Suppressor (Tripp-Lite IBAR4)	117.37	5.80
28 16 11 00-0146	EA	Door Strike Relay (Altronix RBSN-TTL)	79.00	23.18
28 16 11 00-0147	EA	4" Diameter x 74" High, Powder Coated Steel, Burial Mount Gooseneck For Access Control Devices (GNB-1) Note: Set in concrete.	477.27	
28 16 11 00-0148	EA	16-Zone Input, Door Controller Expansion Module With 16" SPI Cable (Kantech KT-MOD-INP16)	675.97	144.87
28 16 11 00-0149		**Access Controllers** *(28 16 11)*		
28 16 11 00-0150		**Microterm Controller** *(28 16 11 00-0149)*		
28 16 11 00-0151	EA	Microterm Stand Alone One Or Two Door Processing Panel (Continental Instruments CICP1100) Note: Up to 1,000 card capacity. Includes 2 alarm inputs, tamper alarm, and 3 relay outputs.	1,782.47	144.87
28 16 11 00-0152	EA	Microterm PC Board (Continental Instruments CICP1100PCB)	1,295.90	86.93
28 16 11 00-0153	EA	Battery Standby For Microterm (Continental Instruments CICP1100BAT-2) Note: Input 120 Volt AC, output 12 Volt DC to temporarily power the Microterm only.	621.26	
28 16 11 00-0154		**Miniterm Controller** *(28 16 11 00-0149)*		
28 16 11 00-0155	EA	Miniterm Two Reader Processing Panel (Continental Instrument CICP1200) Note: Up to 3,000 card capacity. Includes 8 EOL Class A supervised alarm inputs, temper alarm, and 5 relay outputs. Complete in a lockable steel enclosure with battery standby for memory and system operation.	2,807.29	144.87
28 16 11 00-0156	EA	Miniterm PC Board (Continental Instrument CICP1200PCB)	2,133.52	86.93
28 16 11 00-0157		**Super-2 Controller** *(28 16 11 00-0149)*		
28 16 11 00-0158	EA	Super-Two - Two Reader Processing Panel (Continental Instruments CICP1300) Note: For use with CA3000 V2.0.25 and above. Up to a 125,000 card capacity, 8 EOL supervised alarm inputs, tamper, 5 relay outputs. Support for on-board LAN adapter, 57,600 baud rate, 6 access groups per card-holder and compressed data mode. Complete in a lockable steel enclosure with battery standby for memory and system operation.	2,070.50	144.87
28 16 11 00-0159	EA	Super-Two - PC Board (Continental Instruments CICP1300BD)	1,429.33	86.93
28 16 11 00-0160	EA	Network Interface Board For Super-2 (Continental Instruments CICP1300NETBD) Note: Optional on-board adapter allows for communication over TCP/IP.	386.14	86.93
28 16 11 00-0161		**Smarterm Controller** *(28 16 11 00-0149)*		
28 16 11 00-0162	EA	Smarterm Four Reader Processing Panel (Continental Instrument CICP1400) Note: Card capacity up to 2,500. Includes 16 alarm inputs, tamper alarm, and 9 relay outputs. Complete in a lockable steel enclosure with battery standby for memory and system operation.	5,922.60	173.85
28 16 11 00-0163	EA	Smarterm PC Board (Continental Instrument CICP1400PCB)	4,575.07	86.93
28 16 11 00-0164	EA	Smarterm Memory Board - 256K (Continental Instrument CICP1400MB256-1) Note: Up to 10,000 cardholders.	1,772.15	86.93
28 16 11 00-0165	EA	Smarterm Memory Board - 2MB (Continental Instrument CICP1400MB2-1) Note: Up to 50,000 cardholders.	2,525.03	86.93
28 16 11 00-0166	EA	Smarterm Relay Expander Board (Continental Instrument CICP1400RB) Note: 16 Output relays, 8 alarm inputs.	1,960.88	86.93
28 16 11 00-0167	EA	Smarterm Alarm Expander Board (Continental Instrument CICP1400RB) Note: (Supervised) 16 alarm inputs.	1,960.88	86.93
28 16 11 00-0168		**Superterm-4 Controller** *(28 16 11 00-0149)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 16 11 00-0169	EA	Superterm-4 - Four Reader Processing Panel (Continental Instrument CICP1400UL) Note: 20,000 card capacity, 12 supervised alarm inputs, tamper alarm, and 9 relay outputs. Complete in a painted steel enclosure with 7 AH battery standby for system operation.	5,463.17	173.85
28 16 11 00-0170	EA	Superterm-4 PC Board (Continental Instrument CICP1400ULPCB)	4,497.84	86.93
28 16 11 00-0171		**Superterm-8 Controller** *(28 16 11 00-0149)*		
28 16 11 00-0172	EA	Superterm-8 - Eight Reader Processing Panel (Continental Instrument CICP1800) Note: Up to 20,000 card capacity, 24 supervised alarm inputs, tamper alarm, and 17 relay outputs. Complete in a steel enclosure including 7 AH battery standby for memory and system operation.	7,258.60	289.76
28 16 11 00-0173	EA	Superterm-8 - Eight Reader Processing Panel, Expanded Power (Continental Instrument CICP1800EXP) Note: With expanded power supply. (required if more than 1 relay expander board is used.) Up to 20,000 card capacity, 24 supervised alarm inputs, tamper alarm, and 17 relay outputs. Complete in a steel enclosure including 7 AH battery standby for memory and system operation.	7,885.99	289.76
28 16 11 00-0174	EA	Superterm-8 PC Board (Continental Instrument CICP1800PCB)	6,061.45	86.93
28 16 11 00-0175		**Turbo Superterm-4 Controller** *(28 16 11 00-0149)*		
28 16 11 00-0176	EA	Turbo Superterm-4 - Four Reader Processing Panel (Continental Instrument CICP1400ULT) Note: 20,000 Card capacity, 12 supervised alarm inputs, tamper alarm, and 9 relay outputs. Complete in a painted steel enclosure with 7 AH battery standby for system operation.	5,463.17	173.85
28 16 11 00-0177	EA	Turbo Superterm-4 PC Board (Continental Instrument CICP1400ULTPCB)	4,497.84	86.93
28 16 11 00-0178		**Turbo Superterm-8 Controller** *(28 16 11 00-0149)*		
28 16 11 00-0179	EA	Turbo Superterm-8 - Eight Reader Processing Panel (Continental Instrument CICP1800T) Note: For use with CA3000 V2.0.25 and above. Up to 40,000 card capacity, 24 supervised alarm inputs, tamper alarm, and 17 relay outputs. Complete in a steel enclosure including a 7 AH battery standby for memory and system operation.	7,258.60	289.76
28 16 11 00-0180	EA	Turbo Superterm-8 -Eight Reader Processing Panel, Expanded Power (Continental Instrument CICP1800TEXP) Note: Required if more than one relay expander board is used. Up to 40,000 card capacity, 24 supervised alarm inputs, tamper alarm, and 17 relay outputs. Complete in a steel enclosure including a 7 AH battery standby for memory and system operation.	7,885.99	289.76
28 16 11 00-0181	EA	Turbo Superterm-8 PC Board (Continental Instrument CICP1800TPCB)	6,061.45	86.93
28 16 11 00-0182	EA	Superterm Memory Board - 2MB (Continental Instrument CICP1800MB2) Note: Up to 140,000 cardholders.	2,525.03	86.93
28 16 11 00-0183	EA	Turbo/Superterm-8 Memory Board - 2MB (Continental Instrument CICP1800MB2X2) Note: Up to 140,000 cardholders.	2,123.48	86.93
28 16 11 00-0184	EA	Turbo Superterm-8 Relay Expander Board (Continental Instrument CICP1800RB) Note: 16 Output relays, 8 alarm inputs.	1,962.90	86.93
28 16 11 00-0185	EA	Turbo Superterm-8 Alarm Expander Board (Continental Instrument CICP1800RB) Note: (Supervised) 16 Alarm inputs.	1,962.90	86.93
28 16 11 00-0186	EA	Expanded Power Supply For Superterm Or Turbo Superterm (Continental Instrument CICPEXPPWS)	804.74	
28 16 11 00-0187		**Intelligent Controller** *(28 16 11 00-0149)*		
28 16 11 00-0188	EA	Intelligent Controller With Paired Reader Interface for One Physical Barrier (Mercury Security EP-1501)	1,403.26	86.93
28 16 11 00-0189	EA	Up To 64 Doors, Access Controller (Mercury Security EP-1502)	2,414.81	144.87
28 16 11 00-0190		**Access Control Bundled System** *(28 16 11)*		
28 16 11 00-0191	EA	CA 3000 Bundled System, Supports 25 Users (Continental Instrument CA3B250P4O3V0R0) Note: System includes PC, monitor, keyboard, mouse, OS, Card Access 3000 file server software, MS SQL 2000, 1 SQL host license, and security key.	39,769.37	
28 16 11 00-0192		**Magnetic Locks** *(28 16 11)* Note: Excludes access controls.		
28 16 11 00-0193		**Magnetic Door Locks** *(28 16 11 00-0192)*		
28 16 11 00-0194		**300 LB Magnetic Door Locks** *(28 16 11 00-0193)*		
28 16 11 00-0195	EA	Single Door, Surface Mount, 300 LB Magnetic Door Lock	640.50	115.91
28 16 11 00-0196		**600 LB Magnetic Door Locks** *(28 16 11 00-0193)*		
28 16 11 00-0197	EA	600 LB, Single Door, Surface Mount, Magnetic Door Lock	923.84	115.91
		For LED Status Indicator And Signal Relay, Add	*86.50*	
		For LED Status Indicator, Signal Relay And Built-In Delay Timer, Add	*173.01*	
		For Mortise Mount, Deduct	*-138.41*	
28 16 11 00-0198	EA	600 LB, Dual Doors, Surface Mount, Magnetic Door Lock	1,389.20	115.91
		For LED Status Indicator And Signal Relay, Add	*144.67*	
		For LED Status Indicator, Signal Relay And Built-In Delay Timer, Add	*289.35*	
28 16 11 00-0199		**1,200 LB Magnetic Door Locks** *(28 16 11 00-0193)*		
28 16 11 00-0200	EA	1,200 LB, Single Door, Surface Mount, Magnetic Door Lock	966.77	115.91
		For LED Status Indicator And Signal Relay, Add	*169.04*	
		For LED Status Indicator, Signal Relay And Built-In Delay Timer, Add	*220.49*	
28 16 11 00-0201	EA	Dual Doors, Surface Mount, 1,200 LB Magnetic Door Lock	1,481.93	115.91
		For LED Status Indicator And Signal Relay, Add	*287.53*	
		For LED Status Indicator, Signal Relay And Built-In Delay Timer, Add	*375.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 16 11 00-0202		2,000 LB Shear Lock, Magnetic And Mechanical Locks *(28 16 11 00-0193)*		
		Note: Includes LED status indicator and built-in signal relay.		
28 16 11 00-0203	EA	Single Door, Mortise Mount, 2,000 LB Shear Lock, Magnetic And Mechanical Door Lock	1,013.14	115.91
28 16 11 00-0204		Magnetic Gate Locks *(28 16 11 00-0192)*		
28 16 11 00-0205		600 LB Magnetic Gate Locks *(28 16 11 00-0204)*		
28 16 11 00-0206	EA	600 LB Magnetic Gate Lock	753.84	115.91
28 16 11 00-0207		1,200 LB Magnetic Gate Locks *(28 16 11 00-0204)*		
28 16 11 00-0208	EA	1,200 LB Magnetic Gate Lock	910.10	115.91
		For LED Status Indicator And Signal Relay, Add	*84.79*	
		For LED Status Indicator, Signal Relay And Built-In Delay Timer, Add	*169.57*	
		For Mortise Mount, Deduct	*-135.66*	
28 16 11 00-0209		Magnetic Lock Power Supply And Chargers *(28 16 11 00-0192)*		
		Note: Includes lockable metal enclosure, batteries, battery charger and electronically regulated outputs.		
28 16 11 00-0210	EA	12/24 Volt DC At 1 Ampere, Magnetic Lock Backup Power Supply And Charger	553.92	115.91
28 16 11 00-0211	EA	12/24 Volt DC At 2-1/2 Amperes, Magnetic Lock Backup Power Supply And Charger	709.61	115.91
28 16 11 00-0212	EA	12 Volt DC At 4 Amperes And 24 Volt DC At 3 Amperes, Magnetic Lock Backup Power Supply And Charger	801.19	115.91
28 16 11 00-0213	EA	12/24 Volt DC At 6 Amperes, Magnetic Lock Backup Power Supply And Charger	1,011.84	115.91
28 16 11 00-0214		Master Door Buzzer Stations *(28 16 11)*		
28 16 11 00-0215		Master Stations *(28 16 11 00-0214)*		
28 16 11 00-0216	EA	Master Stations, 5 Station Intercommunication Equipment	1,156.98	180.81
28 16 11 00-0217	EA	Master Stations, 10 Station Intercommunication Equipment	1,724.40	350.03
28 16 11 00-0218	EA	Master Station, Desk Style Remote Intercommunication Equipment	495.03	90.41
28 16 11 00-0219	EA	Master Station, Flush Wall Remote Intercommunication Equipment	627.13	150.68
28 16 11 00-0220	EA	Sound System Outlet, Protector	157.34	59.00
28 16 11 00-0221	EA	Sound System Microphone Outlet	272.06	120.77
28 16 11 00-0222	EA	Ceiling Or Wall, Sound System Speaker	214.17	59.00
28 16 11 00-0223	EA	Sound System Monitor Panel	635.01	120.77
28 16 11 00-0224	EA	Sound System Volume Control	183.55	59.00
28 16 11 00-0225	EA	250 Watt, Sound System Amplifier	2,951.47	482.97
28 16 11 00-0226	EA	Sound System Cabinet	1,687.34	482.97
28 16 11 00-0227		Master Door Stations *(28 16 11 00-0214)*		
28 16 11 00-0228	EA	Master Door Stations, Button Buzzer Type, 25 Station	2,462.80	
		For Intercom Type Master Door Station, Add	*218.32*	
28 16 11 00-0229	EA	Master Door Stations, Button Buzzer Type, 50 Station	4,076.50	
		For Intercom Type Master Door Station, Add	*353.67*	
28 16 11 00-0230	EA	Master Door Stations, Button Buzzer Type, 75 Station	5,586.47	
		For Intercom Type Master Door Station, Add	*458.47*	
28 16 11 00-0231	EA	Master Door Stations, Button Buzzer Type, 100 Station	6,389.54	
		For Intercom Type Master Door Station, Add	*537.06*	
28 16 11 00-0232	EA	Master Door Stations, Button Buzzer Type, 150 Station	7,794.07	
		For Intercom Type Master Door Station, Add	*785.94*	
28 16 11 00-0233	EA	Master Door Stations, Button Buzzer Type, 200 Station	9,171.82	
		For Intercom Type Master Door Station, Add	*1,012.99*	
28 16 11 00-0234	EA	Master Door Stations, Button Buzzer Type, 250 Station	11,556.39	
		For Intercom Type Master Door Station, Add	*1,309.91*	
28 16 11 00-0235	EA	Master Door Stations, Button Buzzer Type, 300 Station	13,787.32	
		For Intercom Type Master Door Station, Add	*1,502.03*	
28 16 11 00-0236	EA	Transformer	172.67	
28 16 11 00-0237	EA	Door Opener	255.33	
28 16 11 00-0238	EA	Buzzer With Door Release And Plate	313.32	
28 16 11 00-0239	EA	Amplifier For Intercom Type Unit	527.70	
28 16 11 00-0240	EA	Speaker With Door Release	219.97	

28 20 Video Surveillance *(28)*

Note: Includes testing of new devices and certification.

28 21 Surveillance Cameras *(28 20)*

28 21 31 Proprietary Surveillance Camera Systems *(28 21)*

Note: Includes programming of equipment, testing and certification of new devices.

28 21 31 00-0001 Closed Circuit Television And Surveillance Systems (Pelco) *(28 21 31)*

28 21 31 00-0002 Cameras And Accessories *(28 21 31 00-0001)*

28 21 31 00-0003 Cameras *(28 21 31 00-0002)*

28 21 31 00-0004 Compact, 1/3" Format Cameras *(28 21 31 00-0003)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0005		High Resolution Color, Compact, 1/3" Format Cameras *(28 21 31 00-0004)*		
28 21 31 00-0006	EA	High Resolution Day/Night, Compact, 1/3" Format Camera (Pelco C10DN-6)	628.96	29.03
28 21 31 00-0007		Day/Night, Compact, 1/3" Format Cameras *(28 21 31 00-0004)*		
28 21 31 00-0008	EA	High Resolution Color, Compact, 1/3" Format Camera (Pelco C10CH-6)	370.02	29.03
28 21 31 00-0009		Camerapaks *(28 21 31 00-0002)* Note: Includes camera and lens.		
28 21 31 00-0010		Camerapaks *(28 21 31 00-0009)*		
28 21 31 00-0011		High Resolution Color, Camerapaks *(28 21 31 00-0010)*		
28 21 31 00-0012		Fixed Focus, High Resolution Color, Camerapaks *(28 21 31 00-0011)*		
28 21 31 00-0013		Manual Iris, Fixed Focus, High Resolution Color, Camerapaks *(28 21 31 00-0012)*		
28 21 31 00-0014	EA	2.3 mm, Manual Iris, Fixed Focus, High Resolution Color, Camerapak (Pelco C10CH-6F2.3)	482.33	29.03
28 21 31 00-0015	EA	2.8 mm, Manual Iris, Fixed Focus, High Resolution Color, Camerapak (Pelco C10CH-6F2.8)	453.21	29.03
28 21 31 00-0016	EA	4 mm, Manual Iris, Fixed Focus, High Resolution Color, Camerapak (Pelco C10CH-6F4)	439.69	29.03
28 21 31 00-0017	EA	8 mm, Manual Iris, Fixed Focus, High Resolution Color, Camerapak (Pelco C10CH-6F8)	436.57	29.03
28 21 31 00-0018		Direct Drive Auto Iris, Fixed Focus, High Resolution Color, Camerapaks *(28 21 31 00-0012)*		
28 21 31 00-0019	EA	2.3 mm, Direct Drive Auto Iris, Fixed Focus, High Resolution Color, Camerapak (Pelco C10CH-6F2.3A)	526.01	29.03
28 21 31 00-0020	EA	2.8 mm, Direct Drive Auto Iris, Fixed Focus, High Resolution Color, Camerapak (Pelco C10CH-6F2.8A)	482.33	29.03
28 21 31 00-0021	EA	4 mm, Direct Drive Auto Iris, Fixed Focus, High Resolution Color, Camerapak (Pelco C10CH-6F4A)	471.93	29.03
28 21 31 00-0022	EA	8 mm, Direct Drive Auto Iris, Fixed Focus, High Resolution Color, Camerapak (Pelco C10CH-6F8A)	463.61	29.03
28 21 31 00-0023		Varifocal, High Resolution Color, Camerapaks *(28 21 31 00-0011)*		
28 21 31 00-0024		Manual Iris, Varifocal, High Resolution Color, Camerapaks *(28 21 31 00-0023)*		
28 21 31 00-0025	EA	1-3 mm, Manual Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V1)	568.64	29.03
28 21 31 00-0026	EA	2.5-6 mm, Manual Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V2)	512.49	29.03
28 21 31 00-0027	EA	2.8-12 mm, Manual Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V21)	466.73	29.03
28 21 31 00-0028	EA	3-8 mm, Manual Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V3)	448.01	29.03
28 21 31 00-0029	EA	5-40 mm, Manual Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V5)	517.69	29.03
28 21 31 00-0030		Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapaks *(28 21 31 00-0023)*		
28 21 31 00-0031	EA	1-3 mm, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V1A)	614.40	29.03
28 21 31 00-0032	EA	2.5-6 mm, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V2A)	575.92	29.03
28 21 31 00-0033	EA	2.8-12 mm, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V21A)	510.41	29.03
28 21 31 00-0034	EA	3-8 mm, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V3A)	455.29	29.03
28 21 31 00-0035	EA	5-40 mm, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V5A)	539.52	29.03
28 21 31 00-0036	EA	5-50 mm, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V50A)	610.24	29.03
28 21 31 00-0037	EA	5.5-82.5 mm, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V55A)	700.71	29.03
28 21 31 00-0038		Infrared Corrected, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapaks *(28 21 31 00-0023)*		
28 21 31 00-0039	EA	3-8.5 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6R3A)	479.21	29.03
28 21 31 00-0040	EA	7.5-50 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6R75A)	573.84	29.03
28 21 31 00-0041		High Resolution Day/Night, Camerapaks *(28 21 31 00-0010)*		
28 21 31 00-0042		Varifocal, High Resolution Day/Night, Camerapaks *(28 21 31 00-0041)*		
28 21 31 00-0043		Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapaks *(28 21 31 00-0042)*		
28 21 31 00-0044	EA	2.5-6 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapak (Pelco C1390H-6V2A)	973.16	29.03
28 21 31 00-0045	EA	2.8-12 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapak (Pelco C1390H-6V21A)	907.65	29.03
28 21 31 00-0046	EA	3-8 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapak (Pelco C1390H-6V3A)	852.53	29.03
28 21 31 00-0047	EA	5-40 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapak (Pelco C1390H-6V5A)	936.77	29.03
28 21 31 00-0048	EA	5-50 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapak (Pelco C1390H-6V50A)	1,007.48	29.03
28 21 31 00-0049	EA	5.5-82.5 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapak (Pelco C1390H-6V55A)	1,096.91	29.03
28 21 31 00-0050		Infrared Corrected, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapaks *(28 21 31 00-0042)*		
28 21 31 00-0051	EA	3-8.5 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapak (Pelco C1390H-6R3A)	876.45	29.03
28 21 31 00-0052	EA	7.5-50 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapak (Pelco C1390H-6R75A)	971.08	29.03

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0053		Compact Camerapaks *(28 21 31 00-0009)*		
28 21 31 00-0054		High Resolution Color, Compact Camerapaks *(28 21 31 00-0053)*		
28 21 31 00-0055		DSS, High Resolution Color, Compact Camerapaks *(28 21 31 00-0054)*		
28 21 31 00-0056		Fixed Focus, DSS, High Resolution Color, Camerapaks *(28 21 31 00-0055)*		
28 21 31 00-0057		Manual Iris, Fixed Focus, DSS, High Resolution Color, Camerapaks *(28 21 31 00-0056)*		
28 21 31 00-0058	EA	2.3 mm, Manual Iris, Fixed Focus, DSS, High Resolution Color, Camerapak (Pelco C3751H-2F2.3)	753.74	29.03
28 21 31 00-0059	EA	2.8 mm, Manual Iris, Fixed Focus, DSS, High Resolution Color, Camerapak (Pelco C3751H-2F2.8)	724.63	29.03
28 21 31 00-0060	EA	4 mm, Manual Iris, Fixed Focus, DSS, High Resolution Color, Camerapak (Pelco C3751H-2F4)	710.07	29.03
28 21 31 00-0061	EA	8 mm, Manual Iris, Fixed Focus, DSS, High Resolution Color, Camerapak (Pelco C3751H-2F8)	706.95	29.03
28 21 31 00-0062		Direct Drive Auto Iris, Fixed Focus, DSS, High Resolution Color, Camerapaks *(28 21 31 00-0056)*		
28 21 31 00-0063	EA	2.3 mm, Direct Drive Auto Iris, Fixed Focus, DSS, High Resolution Color, Camerapak (Pelco C3751H-2F2.3A)	796.38	29.03
28 21 31 00-0064	EA	2.8 mm, Direct Drive Auto Iris, Fixed Focus, DSS, High Resolution Color, Camerapak (Pelco C3751H-2F2.8A)	753.74	29.03
28 21 31 00-0065	EA	4 mm, Direct Drive Auto Iris, Fixed Focus, DSS, High Resolution Color, Camerapak (Pelco C3751H-2F4A)	743.34	29.03
28 21 31 00-0066	EA	8 mm, Direct Drive Auto Iris, Fixed Focus, DSS, High Resolution Color, Camerapak (Pelco C3751H-2F8A)	735.02	29.03
28 21 31 00-0067		Varifocal, DSS, High Resolution Color, Camerapaks *(28 21 31 00-0055)*		
28 21 31 00-0068		Manual Iris, Varifocal, DSS, High Resolution Color, Camerapaks *(28 21 31 00-0067)*		
28 21 31 00-0069	EA	1-3 mm, Manual Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V1)	840.05	29.03
28 21 31 00-0070	EA	2.5-6 mm, Manual Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V2)	782.86	29.03
28 21 31 00-0071	EA	2.8-12 mm, Manual Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V21)	738.14	29.03
28 21 31 00-0072	EA	3-8 mm, Manual Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V3)	719.43	29.03
28 21 31 00-0073	EA	5-40 mm, Manual Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V5)	788.06	29.03
28 21 31 00-0074	EA	5-50 mm, Manual Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V50)	832.78	29.03
28 21 31 00-0075	EA	5.5-82.5 mm, Manual Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V55)	938.85	29.03
28 21 31 00-0076		Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapaks *(28 21 31 00-0067)*		
28 21 31 00-0077	EA	1-3 mm, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V1A)	884.77	29.03
28 21 31 00-0078	EA	2.5-6 mm, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V2A)	847.33	29.03
28 21 31 00-0079	EA	2.8-12 mm, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V21A)	781.82	29.03
28 21 31 00-0080	EA	3-8 mm, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V3A)	725.67	29.03
28 21 31 00-0081	EA	5-40 mm, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V5A)	810.94	29.03
28 21 31 00-0082	EA	5-50 mm, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V50A)	881.65	29.03
28 21 31 00-0083	EA	5.5-82.5 mm, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V55A)	971.08	29.03
28 21 31 00-0084		Infrared Corrected, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapaks *(28 21 31 00-0067)*		
28 21 31 00-0085	EA	3-8.5 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2R3A)	750.62	29.03
28 21 31 00-0086	EA	7.5-50 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2R75A)	845.25	29.03
28 21 31 00-0087		EDR, High Resolution Color, Compact Camerapaks *(28 21 31 00-0054)*		
28 21 31 00-0088		Fixed Focus, EDR, High Resolution Color, Camerapaks *(28 21 31 00-0087)*		
28 21 31 00-0089		Manual Iris, Fixed Focus, EDR, High Resolution Color, Camerapaks *(28 21 31 00-0088)*		
28 21 31 00-0090	EA	2.3 mm, Manual Iris, Fixed Focus, EDR, High Resolution Color, Camerapak (Pelco C3701H-2F2.3)	753.74	29.03
28 21 31 00-0091	EA	2.8 mm, Manual Iris, Fixed Focus, EDR, High Resolution Color, Camerapak (Pelco C3701H-2F2.8)	562.40	29.03
28 21 31 00-0092	EA	4 mm, Manual Iris, Fixed Focus, EDR, High Resolution Color, Camerapak (Pelco C3701H-2F4)	547.84	29.03
28 21 31 00-0093	EA	8 mm, Manual Iris, Fixed Focus, EDR, High Resolution Color, Camerapak (Pelco C3701H-2F8)	544.72	29.03
28 21 31 00-0094		Direct Drive Auto Iris, Fixed Focus, EDR, High Resolution Color, Camerapaks *(28 21 31 00-0088)*		
28 21 31 00-0095	EA	2.3 mm, Direct Drive Auto Iris, Fixed Focus, EDR, High Resolution Color, Camerapak (Pelco C3701H-2F2.3A)	634.15	29.03
28 21 31 00-0096	EA	2.8 mm, Direct Drive Auto Iris, Fixed Focus, EDR, High Resolution Color, Camerapak (Pelco C3701H-2F2.8A)	591.52	29.03
28 21 31 00-0097	EA	4 mm, Direct Drive Auto Iris, Fixed Focus, EDR, High Resolution Color, Camerapak (Pelco C3701H-2F4A)	581.12	29.03
28 21 31 00-0098	EA	8 mm, Direct Drive Auto Iris, Fixed Focus, EDR, High Resolution Color, Camerapak (Pelco C3701H-2F8A)	581.12	29.03
28 21 31 00-0099		Varifocal, EDR, High Resolution Color, Camerapaks *(28 21 31 00-0087)*		
28 21 31 00-0100		Manual Iris, Varifocal, EDR, High Resolution Color, Camerapaks *(28 21 31 00-0099)*		
28 21 31 00-0101	EA	1-3 mm, Manual Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V1)	677.83	29.03
28 21 31 00-0102	EA	2.5-6 mm, Manual Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V2)	620.64	29.03
28 21 31 00-0103	EA	2.8-12 mm, Manual Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V21)	575.92	29.03
28 21 31 00-0104	EA	3-8 mm, Manual Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V3)	557.20	29.03

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0105	EA	5-40 mm, Manual Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V5)	625.84	29.03
28 21 31 00-0106	EA	5-50 mm, Manual Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V50)	670.55	29.03
28 21 31 00-0107	EA	5.5-82.5 mm, Manual Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V55)	776.62	29.03
28 21 31 00-0108		Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapaks *(28 21 31 00-0099)*		
28 21 31 00-0109	EA	1-3 mm, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V1A)	722.55	29.03
28 21 31 00-0110	EA	2.5-6 mm, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V2A)	685.11	29.03
28 21 31 00-0111	EA	2.8-12 mm, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V21A)	618.56	29.03
28 21 31 00-0112	EA	3-8 mm, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V3A)	563.44	29.03
28 21 31 00-0113	EA	5-40 mm, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V5A)	648.71	29.03
28 21 31 00-0114	EA	5-50 mm, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V50A)	719.43	29.03
28 21 31 00-0115	EA	5.5-82.5 mm, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V55A)	808.86	29.03
28 21 31 00-0116		Infrared Corrected, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapaks *(28 21 31 00-0099)*		
28 21 31 00-0117	EA	3-8.5 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2R3A)	588.40	29.03
28 21 31 00-0118	EA	7.5-50 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2R75A)	683.03	29.03
28 21 31 00-0119		High Resolution Day/Night, Compact Camerapaks *(28 21 31 00-0053)*		
28 21 31 00-0120		Fixed Focus, High Resolution Day/Night, Compact Camerapaks *(28 21 31 00-0119)*		
28 21 31 00-0121		Manual Iris, Fixed Focus, High Resolution Day/Night, Compact Camerapaks *(28 21 31 00-0120)*		
28 21 31 00-0122	EA	8 mm, Manual Iris, Fixed Focus, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6F8)	695.51	29.03
28 21 31 00-0123		DC-Drive Auto Iris, Fixed Focus, High Resolution Day/Night, Compact Camerapaks *(28 21 31 00-0120)*		
28 21 31 00-0124	EA	2.3 mm, Direct Drive Auto Iris, Fixed Focus, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6F2.3A)	784.94	29.03
28 21 31 00-0125	EA	2.8 mm, Direct Drive Auto Iris, Fixed Focus, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6F2.8A)	741.26	29.03
28 21 31 00-0126		Varifocal, High Resolution Day/Night, Compact Camerapaks *(28 21 31 00-0119)*		
28 21 31 00-0127		Manual Iris, Varifocal, High Resolution Day/Night, Compact Camerapaks *(28 21 31 00-0126)*		
28 21 31 00-0128	EA	2.8-12 mm, Manual Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6V21)	725.67	29.03
28 21 31 00-0129	EA	3-8 mm, Manual Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6V3)	706.95	29.03
28 21 31 00-0130	EA	5-50 mm, Manual Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6V50)	821.34	29.03
28 21 31 00-0131		Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapaks *(28 21 31 00-0126)*		
28 21 31 00-0132	EA	2.5-6 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6V2A)	834.86	29.03
28 21 31 00-0133	EA	2.8-12 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6V21A)	769.34	29.03
28 21 31 00-0134	EA	3-8 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6V3A)	714.23	29.03
28 21 31 00-0135	EA	5-40 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6V5A)	798.46	29.03
28 21 31 00-0136	EA	5-50 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6V50A)	869.17	29.03
28 21 31 00-0137	EA	5.5-82.5 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6V55A)	959.64	29.03
28 21 31 00-0138		Infrared Corrected, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapaks *(28 21 31 00-0126)*		
28 21 31 00-0139	EA	3-8.5 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6R3A)	738.14	29.03
28 21 31 00-0140	EA	7.5-50 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6R75A)	832.78	29.03
28 21 31 00-0141		Camera Systems *(28 21 31 00-0002)*		
28 21 31 00-0142		Camera Dome Systems *(28 21 31 00-0141)*		
28 21 31 00-0143		Spectra®, Pan/Tilt Camera Dome Systems *(28 21 31 00-0142)*		
28 21 31 00-0144		Spectra®, Pan/Tilt Camera Dome Systems *(28 21 31 00-0143)* Note: Includes dome drive, camera, lens, back box, clear or smoked lower dome and mounting hardware.		
28 21 31 00-0145		Spectra® IV, Pan/Tilt Camera Dome Systems *(28 21 31 00-0144)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0146		**Black And White, Spectra® IV, Pan/Tilt Camera Dome Systems** *(28 21 31 00-0145)*		
28 21 31 00-0147	EA	22X, Surface Mount, Black And White, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4M22-SMB)	3,081.17	174.15
28 21 31 00-0148	EA	22X, In-Ceiling Mount, Black And White, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4M22-F)	3,507.53	174.15
28 21 31 00-0149	EA	22X, Pendant Mount, Black And White, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4M22-PB)	3,698.87	174.15
28 21 31 00-0150	EA	22X, Environmental Pendant Mount, Black And White, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4M22-PG-E)	5,129.77	174.15
28 21 31 00-0151		**Color, Spectra® IV, Pan/Tilt Camera Dome Systems** *(28 21 31 00-0145)*		
28 21 31 00-0152	EA	16X, Surface Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4TC-SMB)	2,597.61	174.15
28 21 31 00-0153	EA	16X, In-Ceiling Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4TC-F)	2,812.87	174.15
28 21 31 00-0154	EA	16X, Pendant Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4TC-PB)	3,005.25	174.15
28 21 31 00-0155	EA	16X, Environmental In-Ceiling Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4TC-F-E)	3,115.48	174.15
28 21 31 00-0156	EA	16X, Environmental Pendant Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4TC-PG-E)	3,115.48	174.15
28 21 31 00-0157	EA	22X, Surface Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4C22-SMB)	3,264.19	174.15
28 21 31 00-0158	EA	22X, In-Ceiling Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4C22-F)	3,691.59	174.15
28 21 31 00-0159	EA	22X, Pendant Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4C22-PB)	3,883.97	174.15
28 21 31 00-0160	EA	22X, Environmental In-Ceiling Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4C22-F-E)	3,994.20	174.15
28 21 31 00-0161	EA	22X, Environmental Pendant Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4C22-PG-E)	3,994.20	174.15
28 21 31 00-0162		**Color/Black And White, Spectra® IV, Pan/Tilt Camera Dome Systems** *(28 21 31 00-0145)*		
28 21 31 00-0163	EA	23X, Surface Mount, Color/Black And White, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4CBW-SMB)	3,797.66	174.15
28 21 31 00-0164	EA	23X, In-Ceiling Mount, Color/Black And White, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4CBW-F)	4,225.06	174.15
28 21 31 00-0165	EA	23X, Pendant Mount, Color/Black And White, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4CBW-PB)	4,417.44	174.15
28 21 31 00-0166	EA	23X, Environmental In-Ceiling Mount, Color/Black And White, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4CBW-F-E)	4,527.67	174.15
28 21 31 00-0167	EA	23X, Environmental Pendant Mount, Color/Black And White, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4CBW-PG-E)	4,527.67	174.15
28 21 31 00-0168		**Day/Night, Spectra® IV, Pan/Tilt Camera Dome Systems** *(28 21 31 00-0145)*		
28 21 31 00-0169	EA	18X, Surface Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-SMB)	3,448.25	174.15
28 21 31 00-0170	EA	18X, In-Ceiling Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-F)	3,664.55	174.15
28 21 31 00-0171	EA	18X, Pendant Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-PB)	3,855.89	174.15
28 21 31 00-0172	EA	18X, Environmental In-Ceiling Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-F-E)	3,966.12	174.15
28 21 31 00-0173	EA	18X, Environmental Pendant Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-PG-E)	3,966.12	174.15
28 21 31 00-0174	EA	35X, Surface Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-SMB)	4,148.10	174.15
28 21 31 00-0175	EA	35X, In-Ceiling Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-F)	4,488.15	174.15
28 21 31 00-0176	EA	35X, Pendant Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-PB)	4,679.49	174.15
28 21 31 00-0177	EA	35X, Environmental In-Ceiling Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-F-E)	4,789.72	174.15
28 21 31 00-0178	EA	35X, Environmental Pendant Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-PG-E)	4,789.72	174.15
28 21 31 00-0179		**Heavy Duty Spectra® IV, Pan/Tilt Camera Dome Systems** *(28 21 31 00-0144)*		
28 21 31 00-0180		**Color, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome Systems** *(28 21 31 00-0179)*		
28 21 31 00-0181	EA	16X, In-Ceiling Mount, Color, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4TC-HF)	3,374.42	174.15
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0182	EA	16X, Pendant Mount, Color, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4TC-HP)	3,559.52	174.15
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0183	EA	16X, Environmental Pendant Mount, Color, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4TC-HPE)	3,707.19	174.15
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0184	EA	22X, In-Ceiling Mount, Color, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4C22-HF)	4,188.66	174.15
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0185	EA	22X, Pendant Mount, Color, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4C22-HP)	4,373.76	174.15
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0186	EA	22X, Environmental Pendant Mount, Color, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4C22-HPE)	4,522.47	174.15
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0187		**Day/Night, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome Systems** *(28 21 31 00-0179)*		
28 21 31 00-0188	EA	18X, In-Ceiling Mount, Day/Night, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-HF)	4,225.06	174.15
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0189	EA	18X, Pendant Mount, Day/Night, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-HP)	4,410.16	174.15
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0190	EA	18X, Environmental Pendant Mount, Day/Night, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-HPE)	4,558.87	174.15
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0191	EA	35X, In-Ceiling Mount, Day/Night, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-HF)	4,985.22	174.15
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0192	EA	35X, Pendant Mount, Day/Night, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-HP)	5,169.29	174.15
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0193	EA	35X, Environmental Pendant Mount, Day/Night, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-HPE)	5,317.99	174.15
		For Protective Lower Dome Cage, Add	*34.65*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0194		Pressurized Spectra® IV, Pan/Tilt Camera Dome Systems *(28 21 31 00-0144)*		
28 21 31 00-0195		Day/Night, Pressurized Spectra® IV, Pan/Tilt Camera Dome Systems *(28 21 31 00-0194)*		
28 21 31 00-0196	EA	18X, Environmental Pendant Mount, Day/Night, Pressurized Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-PRE)	5,590.45	174.15
28 21 31 00-0197	EA	35X, Environmental Pendant Mount, Day/Night, Pressurized Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-PRE)	6,350.61	174.15
28 21 31 00-0198		Stainless Steel Spectra® IV, Pan/Tilt Camera Dome Systems *(28 21 31 00-0144)*		
28 21 31 00-0199		Black And White, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome Systems *(28 21 31 00-0198)*		
28 21 31 00-0200	EA	22X, Environmental Pendant Mount, Black And White, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4M22-PSGE)	4,860.44	174.15
28 21 31 00-0201		Color, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome Systems *(28 21 31 00-0198)*		
28 21 31 00-0202	EA	16X, Environmental Pendant Mount, Color, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4TC-PSGE)	4,230.26	174.15
28 21 31 00-0203	EA	22X, Environmental Pendant Mount, Color, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4C22-PSGE)	5,045.54	174.15
28 21 31 00-0204		Color/Black And White, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome Systems *(28 21 31 00-0198)*		
28 21 31 00-0205	EA	23X, Environmental Pendant Mount, Color/Black And White, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4CBW-PSGE)	5,579.01	174.15
28 21 31 00-0206		Day/Night, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome Systems *(28 21 31 00-0198)*		
28 21 31 00-0207	EA	18X, Environmental Pendant Mount, Day/Night, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-PSGE)	5,081.93	174.15
28 21 31 00-0208	EA	35X, Environmental Pendant Mount, Day/Night, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-PSGE)	5,841.06	174.15
28 21 31 00-0209		Miniature Spectra®, Mini Pan/Tilt Camera Dome Systems *(28 21 31 00-0144)*		
28 21 31 00-0210		Color, Miniature Spectra®, Mini Pan/Tilt Camera Dome Systems *(28 21 31 00-0209)*		
28 21 31 00-0211	EA	10X, In-Ceiling Mount, Color, Miniature Spectra®, Mini Pan/Tilt Camera Dome System (Pelco SD4-B)	1,946.64	174.15
28 21 31 00-0212		Spectra® IP Network, Pan/Tilt Camera Dome Systems *(28 21 31 00-0143)* Note: Includes simultaneous IP and analog video and control, dome drive, camera, lens, back box, clear or smoked lower dome and mounting hardware.		
28 21 31 00-0213		Spectra® IV IP Network, Pan/Tilt Camera Dome Systems *(28 21 31 00-0212)*		
28 21 31 00-0214		Color, Spectra® IV IP Network, Pan/Tilt Camera Dome Systems *(28 21 31 00-0213)*		
28 21 31 00-0215	EA	16X, In-Ceiling Mount, Color, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NTC-F)	3,589.68	174.15
28 21 31 00-0216	EA	16X, Pendant Mount, Color, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NTC-PB)	3,782.06	174.15
28 21 31 00-0217	EA	16X, Environmental In-Ceiling Mount, Color, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NTC-F-E)	3,892.29	174.15
28 21 31 00-0218	EA	16X, Environmental Pendant Mount, Color, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NTC-PG-E)	3,892.29	174.15
28 21 31 00-0219	EA	22X, In-Ceiling Mount, Color, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NC22-F1)	4,468.39	174.15
28 21 31 00-0220	EA	22X, Pendant Mount, Color, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NC22-PB-1)	4,660.78	174.15
28 21 31 00-0221	EA	22X, Environmental In-Ceiling Mount, Color, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NC22-F-E1)	4,771.00	174.15
28 21 31 00-0222	EA	22X, Environmental Pendant Mount, Color, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NC22-PG-E1)	4,771.00	174.15
28 21 31 00-0223		Color/Black And White, Spectra® IV IP Network, Pan/Tilt Camera Dome Systems *(28 21 31 00-0213)*		
28 21 31 00-0224	EA	23X, In-Ceiling Mount, Color/Black And White, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NCBW-F1)	5,001.86	174.15
28 21 31 00-0225	EA	23X, Pendant Mount, Color/Black And White, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NCBW-PB-1)	5,194.24	174.15
28 21 31 00-0226	EA	23X, Environmental In-Ceiling Mount, Color/Black And White, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NCBW-F-E1)	5,304.47	174.15
28 21 31 00-0227	EA	23X, Environmental Pendant Mount, Color/Black And White, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NCBW-PG-E1)	5,304.47	174.15
28 21 31 00-0228		Heavy Duty Spectra® IV IP Network, Pan/Tilt Camera Dome Systems *(28 21 31 00-0212)*		

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0229		Color, Heavy Duty Spectra® IV IP Network, Pan/Tilt Camera Dome Systems *(28 21 31 00-0228)*		
28 21 31 00-0230	EA	16X, In-Ceiling Mount, Color, Heavy Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4NTC-HF1)	4,151.22	174.15
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0231	EA	16X, Pendant Mount, Color, Heavy Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4NTC-HP1)	4,336.33	174.15
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0232	EA	16X, Environmental Pendant Mount, Color, Heavy Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4NTC-HPE1)	4,483.99	174.15
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0233	EA	22X, In-Ceiling Mount, Color, Heavy Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4NC22-HF1)	4,965.47	174.15
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0234	EA	22X, Pendant Mount, Color, Heavy Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4NC22-HP1)	5,150.57	174.15
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0235	EA	22X, Environmental Pendant Mount, Color, Heavy Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4NC22-HPE1)	5,299.27	174.15
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0236		Day/Night, Heavy Duty Spectra® IV IP Network, Pan/Tilt Camera Dome Systems *(28 21 31 00-0228)*		
28 21 31 00-0237	EA	18X, In-Ceiling Mount, Day/Night, Heavy Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4N18-HF1)	5,001.86	174.15
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0238	EA	18X, Pendant Mount, Day/Night, Heavy Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4N18-HP1)	5,186.96	174.15
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0239	EA	18X, Environmental Pendant Mount, Day/Night, Heavy Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4N18-HPE1)	5,335.67	174.15
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0240	EA	35X, In-Ceiling Mount, Day/Night, Heavy Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4N35-HF1)	5,762.03	174.15
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0241	EA	35X, Pendant Mount, Day/Night, Heavy Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4N35-HP1)	5,946.09	174.15
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0242	EA	35X, Environmental Pendant Mount, Day/Night, Heavy Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4N35-HPE1)	6,094.80	174.15
		For Protective Lower Dome Cage, Add	*34.65*	
28 21 31 00-0243		Stainless Steel Spectra® IV IP Network, Pan/Tilt Camera Dome Systems *(28 21 31 00-0212)*		
28 21 31 00-0244		Color, Stainless Steel Spectra® IV IP Network, Camera Dome Systems *(28 21 31 00-0243)*		
28 21 31 00-0245	EA	16X, Environmental Pendant Mount, Color, Stainless Steel Spectra® IV IP Network, Camera Dome System (Pelco SD4NTC-PSGE1)	5,007.06	174.15
28 21 31 00-0246	EA	22X, Environmental Pendant Mount, Color, Stainless Steel Spectra® IV IP Network, Camera Dome System (Pelco SD4NC22-PSGE1)	5,822.34	174.15
28 21 31 00-0247		Color/Black And White, Stainless Steel Spectra® IV IP Network, Camera Dome Systems *(28 21 31 00-0243)*		
28 21 31 00-0248	EA	23X, Environmental Pendant Mount, Color/Black And White, Stainless Steel Spectra® IV IP Network, Camera Dome System (Pelco SD4N35-PSGE1)	6,355.81	174.15
28 21 31 00-0249		Day/Night, Stainless Steel Spectra® IV IP Network, Camera Dome Systems *(28 21 31 00-0243)*		
28 21 31 00-0250	EA	18X, Environmental Pendant Mount, Day/Night, Stainless Steel Spectra® IV IP Network, Camera Dome System (Pelco SD4N18-PSGE1)	5,858.74	174.15
28 21 31 00-0251	EA	35X, Environmental Pendant Mount, Day/Night, Stainless Steel Spectra® IV IP Network, Camera Dome System (Pelco SD4N35-PSGE1)	6,617.87	174.15
28 21 31 00-0252		Miniature Spectra® IP Network, Mini Pan/Tilt Camera Dome Systems *(28 21 31 00-0212)*		
28 21 31 00-0253		Color, Miniature Spectra® IP Network, Mini Camera Dome Systems *(28 21 31 00-0252)*		
28 21 31 00-0254	EA	10X, In-Ceiling Mount, Color, Miniature Spectra® IP Network, Black Mini Camera Dome System (Pelco SD4N-W1)	2,447.87	174.15
28 21 31 00-0255		Spectra®, Pan/Tilt Dome Drives *(28 21 31 00-0143)*		
		Note: Includes dome drive, camera and lens.		
28 21 31 00-0256	EA	10X, Color Camera, Spectra® Mini Dome Drive (Pelco DD4)	1,810.58	145.12
28 21 31 00-0257	EA	10X, Color Camera, Spectra® IP Network, Mini Dome Drive (Pelco DD4N)	2,309.74	145.12
28 21 31 00-0258	EA	22X, Black And White Camera, Spectra® IV Dome Drive (Pelco DD4M22)	2,926.40	145.12
28 21 31 00-0259	EA	16X, Color Camera, Spectra® IV Dome Drive (Pelco DD4TC16)	2,296.22	145.12
28 21 31 00-0260	EA	22X, Color Camera, Spectra® IV Dome Drive (Pelco DD4C22)	3,110.46	145.12
28 21 31 00-0261	EA	18X, Day/Night Camera, Spectra® IV Dome Drive (Pelco DD4CBW18)	3,146.86	145.12
28 21 31 00-0262	EA	23X, Day/Night Camera, Spectra® IV Dome Drive (Pelco DD4CBW23)	3,643.93	145.12

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0263	EA	35X, Day/Night Camera, Spectra® IV Dome Drive (Pelco DD4CBW35)	3,907.02	145.12
28 21 31 00-0264	EA	35X, Color/Black And White Camera, Spectra® IV Horizon Dome Drive (Pelco DD4H35)	3,907.02	145.12
28 21 31 00-0265		Accessories For Spectra® Pan/Tilt Camera Dome Systems *(28 21 31 00-0143)*		
28 21 31 00-0266	EA	Upgrade To Chrome Lower Dome (Pelco Spectra)	146.63	
28 21 31 00-0267	EA	Upgrade To Gold Lower Dome (Pelco Spectra)	191.34	
28 21 31 00-0268	EA	Wall Mount For Spectra® Systems (Pelco IWM-BK)	157.98	14.51
28 21 31 00-0269	EA	24 Volt Out, Wall Mount For Spectra® Systems (Pelco IWM24-BK)	400.27	14.51
28 21 31 00-0270	EA	Wall Arm Mount For Spectra® Systems (Pelco IDM4018)	153.82	14.51
28 21 31 00-0271	EA	Wall Arm Mount With Feed Through For Stainless Steel Spectra® IV Systems (Pelco IDM4012SS)	305.10	14.51
28 21 31 00-0272	EA	Pole Mount Adapter For Spectra® Systems (Pelco PA402)	79.85	8.63
28 21 31 00-0273		Camclosure®, Camera Dome Systems *(28 21 31 00-0142)*		
28 21 31 00-0274		Camclosure® IS Integrated, Camera Dome Systems *(28 21 31 00-0273)*		
28 21 31 00-0275		Camclosure® IS Integrated, Camera Dome Systems *(28 21 31 00-0274)*		
28 21 31 00-0276		High Resolution Color, Camclosure® IS Integrated, Camera Dome Systems *(28 21 31 00-0275)*		
28 21 31 00-0277	EA	12 mm, Indoor Surface/In-Ceiling Mount, High Resolution Color, Camclosure® IS Integrated, Camera Dome System (Pelco IS90-CH12)	717.47	174.15
28 21 31 00-0278	EA	9-22 mm, Indoor Surface/In-Ceiling Mount, High Resolution Color, Camclosure® IS Integrated, Camera Dome System (Pelco IS90-CHV22)	779.87	174.15
28 21 31 00-0279	EA	12 mm, Environmental Surface Mount, High Resolution Color, Camclosure® IS Integrated, Camera Dome System (Pelco IS110-CH12)	868.26	174.15
28 21 31 00-0280	EA	12 mm, Environmental In-Ceiling Mount, High Resolution Color, Camclosure® IS Integrated, Camera Dome System (Pelco IS150-CH12)	868.26	174.15
28 21 31 00-0281		Wide Dynamic Range Color, Camclosure® IS Integrated, Camera Dome Systems *(28 21 31 00-0275)*		
28 21 31 00-0282	EA	9-22 mm, Indoor Surface/In-Ceiling Mount, Wide Dynamic Range Color, Camclosure® IS Integrated, Camera Dome System (Pelco IS90B-CWV22)	879.70	174.15
28 21 31 00-0283	EA	9-22 mm, Environmental Surface Mount, Wide Dynamic Range Color, Camclosure® IS Integrated, Camera Dome System (Pelco IS111-CWV22)	960.81	174.15
28 21 31 00-0284	EA	9-22 mm, Environmental In-Ceiling Mount, Wide Dynamic Range Color, Camclosure® IS Integrated, Camera Dome System (Pelco IS151-CWV22)	960.81	174.15
28 21 31 00-0285		Day/Night, Camclosure® IS Integrated, Camera Dome Systems *(28 21 31 00-0275)*		
28 21 31 00-0286	EA	9-22 mm, Indoor Surface/In-Ceiling Mount, Day/Night, Camclosure® IS Integrated, White Camera Dome System (Pelco IS90-DNV22)	1,010.73	174.15
28 21 31 00-0287	EA	9-22 mm, Environmental Surface Mount, Day/Night, Camclosure® IS Integrated, Camera Dome System (Pelco IS111-DNV22)	1,211.43	174.15
28 21 31 00-0288	EA	9-22 mm, Environmental In-Ceiling Mount, Day/Night, Camclosure® IS Integrated, Camera Dome System (Pelco IS151-DNV22)	1,211.43	174.15
28 21 31 00-0289		Wide Dynamic Range Day/Night, Camclosure® IS Integrated, Camera Dome Systems *(28 21 31 00-0275)*		
28 21 31 00-0290	EA	9-22 mm, Indoor Surface/In-Ceiling Mount, Wide Dynamic Range Day/Night, Camclosure® IS Integrated, Camera Dome System (Pelco IS90-DWV22)	1,106.40	174.15
28 21 31 00-0291	EA	9-22 mm, Environmental In-Ceiling Mount, Wide Dynamic Range Day/Night, Camclosure® IS Integrated, Camera Dome System (Pelco IS151-DWV22)	1,235.34	174.15
28 21 31 00-0292		Camclosure® IS Integrated, Bullet Style Camera Systems *(28 21 31 00-0274)*		
28 21 31 00-0293		High Resolution Color, Camclosure® IS Integrated, Bullet Style Camera Systems *(28 21 31 00-0292)*		
28 21 31 00-0294	EA	3.6 mm, Wall/Ceiling Mount, High Resolution Color, Camclosure® IS Integrated, Bullet Style Camera System (Pelco IS310-CH3.6)	797.91	116.11
28 21 31 00-0295		Wide Dynamic Range Color, Camclosure® IS Integrated, Bullet Style Camera Systems *(28 21 31 00-0292)*		
28 21 31 00-0296	EA	9-22 mm, Wall/Ceiling Mount, Wide Dynamic Range Color, Camclosure® IS Integrated, Bullet Style Camera System (Pelco IS310-CWV22)	915.41	116.11
28 21 31 00-0297		Day/Night, Camclosure® IS Integrated, Bullet Style Camera Systems *(28 21 31 00-0292)*		
28 21 31 00-0298	EA	9-22 mm, Wall/Ceiling Mount, Day/Night, Camclosure® IS Integrated, Bullet Style Camera System (Pelco IS310-DNV22)	1,009.01	116.11
28 21 31 00-0299		Wide Dynamic Range Day/Night, Camclosure® IS Integrated, Bullet Style Camera Systems *(28 21 31 00-0292)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0300	EA	9-22 mm, Wall/Ceiling Mount, Wide Dynamic Range Day/Night, Camclosure® IS Integrated, Bullet Style Camera System (Pelco IS310-DWV22)	1,055.80	116.11
28 21 31 00-0301		Camclosure® IS Integrated Cameras *(28 21 31 00-0274)*		
28 21 31 00-0302	EA	12 mm, High Resolution Color, Camclosure® IS Integrated Camera (Pelco IS-CH12)	558.73	116.11
28 21 31 00-0303	EA	9-22 mm, High Resolution Color, Camclosure® IS Integrated Camera (Pelco IS-CHV22)	558.73	116.11
28 21 31 00-0304	EA	9-22 mm, Wide Dynamic Range Color, Camclosure® IS Integrated Camera (Pelco IS-CWV22)	651.28	116.11
28 21 31 00-0305	EA	9-22 mm, Day/Night, Camclosure® IS Integrated Camera (Pelco IS-DNV22)	901.90	116.11
28 21 31 00-0306	EA	9-22 mm, Wide Dynamic Range Day/Night, Camclosure® IS Integrated Camera (Pelco IS-DWV22)	925.81	116.11
28 21 31 00-0307		Camclosure® ICS Integrated, Camera Dome Systems *(28 21 31 00-0273)*		
28 21 31 00-0308		Camclosure® ICS Integrated, Camera Dome Systems *(28 21 31 00-0307)*		
28 21 31 00-0309		Standard Resolution Color, Camclosure® ICS Integrated, Camera Dome Systems *(28 21 31 00-0308)*		
28 21 31 00-0310	EA	12 mm, Indoor Surface/In-Ceiling Mount, Standard Resolution Color, Camclosure® ICS Integrated, Camera Dome System (Pelco ICS090B-CA12)	614.52	174.15
28 21 31 00-0311	EA	12 mm, UTP, Indoor Surface/In-Ceiling Mount, Standard Resolution Color, Camclosure® ICS Integrated, Camera Dome System (Pelco ICS090B-CA12T)	659.24	174.15
28 21 31 00-0312	EA	12 mm, Environmental Surface Mount, Standard Resolution Color, Camclosure® ICS Integrated, Camera Dome System (Pelco ICS110-CA12)	838.10	174.15
28 21 31 00-0313	EA	12 mm, Environmental In-Ceiling Mount, Standard Resolution Color, Camclosure® ICS Integrated, Camera Dome System (Pelco ICS150-CA12)	838.10	174.15
28 21 31 00-0314		High Resolution Color, Camclosure® ICS Integrated, Camera Dome Systems *(28 21 31 00-0308)*		
28 21 31 00-0315	EA	3–9 mm, Environmental In-Ceiling Mount, High Resolution Color, Camclosure® ICS Integrated, Camera Dome System (Pelco ICS151-CDV39A)	1,038.80	174.15
28 21 31 00-0316		Camclosure® ICS Integrated, Bullet Style Camera Systems *(28 21 31 00-0307)*		
28 21 31 00-0317		Standard Resolution, Camclosure® ICS Integrated, Bullet Style Camera Systems *(28 21 31 00-0316)*		
28 21 31 00-0318	EA	12 mm, Wall/Ceiling Mount, Standard Resolution, Camclosure® ICS Integrated, Bullet Style Camera System (Pelco ICS310-CA12)	721.99	116.11
28 21 31 00-0319		Camclosure® ICS Integrated, Wedge Style Camera Systems *(28 21 31 00-0307)*		
28 21 31 00-0320		High Resolution Color, Camclosure® ICS Integrated, Wedge Style Camera Systems *(28 21 31 00-0319)*		
28 21 31 00-0321	EA	9-22 mm, High Resolution, Camclosure® ICS Integrated, Wedge Style Camera System (Pelco IS210-CHV22)	960.81	174.15
28 21 31 00-0322		Wide Dynamic Range Color, Camclosure® ICS Integrated, Wedge Style Camera Systems *(28 21 31 00-0319)*		
28 21 31 00-0323	EA	9-22 mm, Wide Dynamic Range, Camclosure® ICS Integrated, Wedge Style Camera System (Pelco IS210-CWV22)	1,054.40	174.15
28 21 31 00-0324		Day/Night, Camclosure® ICS Integrated, Wedge Style Camera Systems *(28 21 31 00-0319)*		
28 21 31 00-0325	EA	9-22 mm, Day/Night, Camclosure® ICS Integrated, Wedge Style Camera System (Pelco IS210-DNV22)	1,171.91	174.15
28 21 31 00-0326		Wide Dynamic Range Day/Night, Camclosure® ICS Integrated, Wedge Style Camera Systems *(28 21 31 00-0319)*		
28 21 31 00-0327	EA	9-22 mm, Wide Dynamic Range Day/Night, Camclosure® ICS Integrated, Wedge Style Camera System (Pelco IS210-DWV22)	1,218.71	174.15
28 21 31 00-0328		Camclosure® IP Network, Camera Dome Systems *(28 21 31 00-0273)*		
28 21 31 00-0329		Camclosure® IP Network, Camera Dome Systems *(28 21 31 00-0328)*		
28 21 31 00-0330		High Resolution Color, Camclosure® IP Network, Camera Dome Systems *(28 21 31 00-0329)*		
28 21 31 00-0331	EA	3-9.5 mm, Environmental Surface Mount, High Resolution Color, Camclosure® IP Network, Camera Dome System (Pelco IP111-CHV9)	1,734.50	174.15
28 21 31 00-0332	EA	9-22 mm, Environmental Surface Mount, High Resolution Color, Camclosure® IP Network, Camera Dome System (Pelco IP111-CHV22)	1,734.50	174.15
28 21 31 00-0333		Wide Dynamic Range Color, Camclosure® IP Network, Camera Dome Systems *(28 21 31 00-0329)*		

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28 21 31 00-0334	EA	3-9.5 mm, Environmental Surface Mount, Wide Dynamic Range Color, Camclosure® IP Network, Camera Dome System (Pelco IP111-CWV9)	1,863.44	174.15
28 21 31 00-0335	EA	9-22 mm, Environmental Surface Mount, Wide Dynamic Range Color, Camclosure® IP Network, Camera Dome System (Pelco IP111-CWV22)	1,863.44	174.15
28 21 31 00-0336		**Day/Night, Camclosure® IP Network, Camera Dome Systems** *(28 21 31 00-0329)*		
28 21 31 00-0337	EA	3-9.5 mm, Environmental Surface Mount, Day/Night, Camclosure® IP Network, Camera Dome System (Pelco IP111-DNV9)	2,062.07	174.15
28 21 31 00-0338	EA	9-22 mm, Environmental Surface Mount, Day/Night, Camclosure® IP Network, Camera Dome System (Pelco IP111-DNV22)	2,062.07	174.15
28 21 31 00-0339		**Wide Dynamic Range Day/Night, Camclosure® IP Network, Camera Dome Systems** *(28 21 31 00-0329)*		
28 21 31 00-0340	EA	3-9.5 mm, Environmental Surface Mount, Wide Dynamic Range Day/Night, Camclosure® IP Network, Camera Dome System (Pelco IP110-DWV9)	2,202.45	174.15
28 21 31 00-0341	EA	9-22 mm, Environmental Surface Mount, Wide Dynamic Range Day/Night, Camclosure® IP Network, Camera Dome System (Pelco IP110-DWV22)	2,202.45	174.15
28 21 31 00-0342		**Accessories For Camclosure® Camera Dome Systems** *(28 21 31 00-0273)*		
28 21 31 00-0343	EA	4S Gangbox Adapter Plate For ICS110 Camclosure® Systems (Pelco ICS110-AP)	36.14	8.70
28 21 31 00-0344	EA	4S Adapter Plate For ICS310 Camclosure® Systems (Pelco ICS310-AP)	36.14	8.70
28 21 31 00-0345	EA	Sun Shield For ICS310 Camclosure® Systems (Pelco ICS310-SS)	47.75	14.51
28 21 31 00-0346	EA	Conduit Adapter For ICS310 Camclosure® Systems (Pelco ICS310-COND)	76.87	14.51
28 21 31 00-0347	EA	2' x 2' Ceiling Panel For ICS150 Camclosure® Systems (Pelco ICS150-P)	79.81	8.70
28 21 31 00-0348	EA	Pendant Mount Adapter For Camclosure® ICS110 Systems (Pelco ICS110-PG)	76.87	14.51
28 21 31 00-0349	EA	Corner Mount Adapter For ICS200 Camclosure® Systems (Pelco ICS210-CM)	97.66	14.51
28 21 31 00-0350	EA	Smoked, Surface Mount, Dome For Camclosure® ICS Systems (Pelco ICS-DO110A)	261.87	29.03
28 21 31 00-0351	EA	Clear, Surface Mount, Dome For Camclosure® ICS Systems (Pelco ICS-DO111A)	261.87	29.03
28 21 31 00-0352	EA	Smoked, In-Ceiling Mount, Dome For Camclosure® ICS Systems (Pelco ICS-DO150A)	261.87	29.03
28 21 31 00-0353	EA	Clear, In-Ceiling Mount, Dome For Camclosure® ICS Systems (Pelco ICS-DO151A)	261.87	29.03
28 21 31 00-0354	EA	Pendant Mount Adapter For Camclosure® IP Systems (Pelco IP110-P)	92.46	14.51
28 21 31 00-0355	EA	Smoked Lower Dome For Surface Mount Camclosure® IP Systems (Pelco IP110-LD)	104.85	29.03
28 21 31 00-0356	EA	Clear Lower Dome For Surface Mount Camclosure® IP Systems (Pelco IP111-LD)	104.85	29.03
28 21 31 00-0357	EA	Smoked Lower Dome For Surface Mount Camclosure® IS Systems (Pelco IS110-LD)	104.85	29.03
28 21 31 00-0358	EA	Clear Lower Dome For Surface Mount Camclosure® IS Systems (Pelco IS111-LD)	104.85	29.03
28 21 31 00-0359	EA	Smoked Lower Dome For Ceiling Mount Camclosure® IS Systems (Pelco IS150-LD)	104.85	29.03
28 21 31 00-0360	EA	Clear Lower Dome For Ceiling Mount Camclosure® IS Systems (Pelco IS151-LD)	104.85	29.03
28 21 31 00-0361	EA	Ceiling Mount Enclosure Only, Environmental, Camclosure® IS Systems (Pelco IS150-ENC)	305.20	39.64
28 21 31 00-0362	EA	Black Pendant Mount For Indoor Camclosure® IS Systems (Pelco IS90B-P)	65.43	14.51
28 21 31 00-0363	EA	Black Pendant Wall Mount For Indoor Camclosure® IS Systems (Pelco IS90B-PW)	112.22	14.51
28 21 31 00-0364	EA	White Pendant Mount For Indoor Camclosure® IS Systems (Pelco IS90-P)	65.43	14.51
28 21 31 00-0365	EA	White Pendant Wall Mount For Indoor Camclosure® IS Systems (Pelco IS90-PW)	112.22	14.51
28 21 31 00-0366	EA	Surface Mount Enclosure Only, Environmental, IP Camclosure® (Pelco IP110-ENC)	1,616.99	174.15
28 21 31 00-0367		**Pan/Tilt Camera Systems** *(28 21 31 00-0141)*		
28 21 31 00-0368		**Esprit® CBZ, Pan/Tilt Camera Systems** *(28 21 31 00-0367)*		
		Note: Includes powder coated aluminum pan/tilt enclosure, receiver, camera, lens, built in heater, window defroster/defogger, sun shroud, insulation blanket, 24V power supply and mounting hardware.		
28 21 31 00-0369		**EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera Systems** *(28 21 31 00-0368)*		
28 21 31 00-0370		**Pedestal Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera Systems** *(28 21 31 00-0369)*		
28 21 31 00-0371	EA	10X, Pedestal Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ10N)	4,591.59	261.23
28 21 31 00-0372	EA	20X, Pedestal Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ20N)	5,216.57	261.23
28 21 31 00-0373	EA	30X, Pedestal Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ30N)	6,082.81	261.23
28 21 31 00-0374	EA	10X, Preset Positioning, Pedestal Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ10PN)	4,725.74	261.23
28 21 31 00-0375	EA	20X, Preset Positioning, Pedestal Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ20PN)	5,378.79	261.23
28 21 31 00-0376	EA	30X, Preset Positioning, Pedestal Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ30PN)	6,245.03	261.23
28 21 31 00-0377		**Wall Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera Systems** *(28 21 31 00-0369)*		
28 21 31 00-0378	EA	10X, Wall Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ10W)	4,634.22	261.23
28 21 31 00-0379	EA	20X, Wall Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ20W)	5,259.20	261.23
28 21 31 00-0380	EA	30X, Wall Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ30W)	6,125.44	261.23
28 21 31 00-0381	EA	10X, Preset Positioning, Wall Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ10PW)	4,769.41	261.23
28 21 31 00-0382	EA	20X, Preset Positioning, Wall Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ20PW)	5,421.43	261.23

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28 21 31 00-0383	EA	30X, Preset Positioning, Wall Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ30PW)	6,287.67	261.23
28 21 31 00-0384		Esprit® CLZ, Pan/Tilt Camera Systems *(28 21 31 00-0367)*		
28 21 31 00-0385		DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera Systems *(28 21 31 00-0384)*		
28 21 31 00-0386		Pedestal Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera Systems *(28 21 31 00-0385)*		
28 21 31 00-0387	EA	10X, Pedestal Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ10N)	4,753.81	261.23
28 21 31 00-0388	EA	20X, Pedestal Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ20N)	5,378.79	261.23
28 21 31 00-0389	EA	30X, Pedestal Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ30N)	6,245.03	261.23
28 21 31 00-0390	EA	10X, Preset Positioning, Pedestal Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ10PN)	4,887.96	261.23
28 21 31 00-0391	EA	20X, Preset Positioning, Pedestal Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ20PN)	5,541.02	261.23
28 21 31 00-0392	EA	30X, Preset Positioning, Pedestal Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ30PN)	6,407.25	261.23
28 21 31 00-0393		Wall Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera Systems *(28 21 31 00-0385)*		
28 21 31 00-0394	EA	10X, Wall Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ10W)	4,796.45	261.23
28 21 31 00-0395	EA	20X, Wall Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ20W)	5,421.43	261.23
28 21 31 00-0396	EA	30X, Wall Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ30W)	6,287.67	261.23
28 21 31 00-0397	EA	10X, Preset Positioning, Wall Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ10PW)	4,931.64	261.23
28 21 31 00-0398	EA	20X, Preset Positioning, Wall Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ20PW)	5,583.65	261.23
28 21 31 00-0399	EA	30X, Preset Positioning, Wall Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ30PW)	6,449.89	261.23
28 21 31 00-0400		Esprit® AJZ, Pan/Tilt Camera Systems *(28 21 31 00-0367)*		
28 21 31 00-0401		High Resolution Color, Esprit® AJZ, Pan/Tilt Camera Systems *(28 21 31 00-0400)*		
28 21 31 00-0402		Pedestal Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera Systems *(28 21 31 00-0401)*		
28 21 31 00-0403	EA	6 x 10, Pedestal Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ10N)	4,482.40	261.23
28 21 31 00-0404	EA	5.6 x 20, Pedestal Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ20N)	5,107.38	261.23
28 21 31 00-0405	EA	5.5 x 30, Pedestal Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ30N)	5,973.62	261.23
28 21 31 00-0406	EA	6 x 10, Preset Positioning, Pedestal Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ10PN)	4,617.59	261.23
28 21 31 00-0407	EA	5.6 x 20, Preset Positioning, Pedestal Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ20PN)	5,269.60	261.23
28 21 31 00-0408	EA	5.5 x 30, Preset Positioning, Preset Positioning, Pedestal Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ30PN)	6,135.84	261.23
28 21 31 00-0409		Wall Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera Systems *(28 21 31 00-0401)*		
28 21 31 00-0410	EA	6 x 10, Wall Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ10W)	4,526.08	261.23
28 21 31 00-0411	EA	5.6 x 20, Wall Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ20W)	5,150.02	261.23
28 21 31 00-0412	EA	5.5 x 30, Wall Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ30W)	6,017.29	261.23
28 21 31 00-0413	EA	6 x 8, Preset Positioning, Wall Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ8PW)	4,556.23	261.23
28 21 31 00-0414	EA	6 x 10, Preset Positioning, Wall Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ10W)	4,660.22	261.23
28 21 31 00-0415	EA	5.6 x 20, Preset Positioning, Wall Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ20PW)	5,312.24	261.23
28 21 31 00-0416	EA	5.5 x 30, Preset Positioning, Wall Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ30PW)	6,179.52	261.23
28 21 31 00-0417		Esprit® AMZ, Pan/Tilt Camera Systems *(28 21 31 00-0367)*		
28 21 31 00-0418		Day/Night, Esprit® AMZ, Pan/Tilt Camera Systems *(28 21 31 00-0417)*		
28 21 31 00-0419		Pedestal Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera Systems *(28 21 31 00-0418)*		
28 21 31 00-0420	EA	5.6 x 20, Pedestal Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ20N)	5,366.31	261.23
28 21 31 00-0421	EA	5.5 x 30, Pedestal Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ30N)	6,232.55	261.23
28 21 31 00-0422	EA	6 x 10, Preset Positioning, Pedestal Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ10PN)	4,876.52	261.23
28 21 31 00-0423	EA	5.6 x 20, Preset Positioning, Pedestal Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ20PN)	5,528.54	261.23

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0424	EA	5.5 x 30, Preset Positioning, Pedestal Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ30PN)	6,394.78	261.23
28 21 31 00-0425		**Wall Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera Systems** *(28 21 31 00-0418)*		
28 21 31 00-0426	EA	6 x 10, Wall Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ10W)	4,785.01	261.23
28 21 31 00-0427	EA	5.6 x 20, Wall Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ20W)	5,408.95	261.23
28 21 31 00-0428	EA	5.5 x 30, Wall Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ30W)	6,276.23	261.23
28 21 31 00-0429	EA	6 x 10, Preset Positioning, Wall Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ10PW)	4,919.16	261.23
28 21 31 00-0430	EA	5.6 x 20, Preset Positioning, Wall Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ20PW)	5,571.17	261.23
28 21 31 00-0431	EA	5.5 x 30, Preset Positioning, Wall Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ30PW)	6,438.45	261.23
28 21 31 00-0432		**Esprit® KWZ, Pan/Tilt Camera Systems** *(28 21 31 00-0367)*		
28 21 31 00-0433		**Day/Night, Esprit® KWZ, Pan/Tilt Camera Systems** *(28 21 31 00-0432)*		
28 21 31 00-0434		**Pedestal Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera Systems** *(28 21 31 00-0433)*		
28 21 31 00-0435	EA	5.5 x 30, Pedestal Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera System (Pelco ES3012-2KWZ30N)	6,370.86	261.23
28 21 31 00-0436	EA	6 x 10, Preset Positioning, Pedestal Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera System (Pelco ES3012-2KWZ10PN)	5,013.79	261.23
28 21 31 00-0437	EA	5.5 x 30, Preset Positioning, Pedestal Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera System (Pelco ES3012-2KWZ30PN)	6,533.08	261.23
28 21 31 00-0438		**Wall Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera Systems** *(28 21 31 00-0433)*		
28 21 31 00-0439	EA	6 x 10, Wall Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera System (Pelco ES3012-2KWZ10W)	4,922.28	261.23
28 21 31 00-0440	EA	5.5 x 30, Wall Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera System (Pelco ES3012-2KWZ30W)	6,414.53	261.23
28 21 31 00-0441	EA	6 x 10, Preset Positioning, Wall Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera System (Pelco ES3012-2KWZ10PW)	5,057.46	261.23
28 21 31 00-0442	EA	5.6 x 20, Preset Positioning, Wall Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera System (Pelco ES3012-2KWZ20PW)	5,709.48	261.23
28 21 31 00-0443	EA	5.5 x 30, Preset Positioning, Wall Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera System (Pelco ES3012-2KWZ30PW)	6,576.76	261.23
28 21 31 00-0444		**Esprit® IOC, Pan/Tilt Camera Systems** *(28 21 31 00-0367)*		
28 21 31 00-0445		**Standard Resolution Color, Esprit® IOC, Pan/Tilt Camera Systems** *(28 21 31 00-0444)*		
28 21 31 00-0446		**Pedestal Mount, Standard Resolution Color, Esprit® IOC, Pan/Tilt Camera Systems** *(28 21 31 00-0445)*		
28 21 31 00-0447	EA	16X, Pedestal Mount, Standard Resolution Color, Esprit® IOC, Pan/Tilt Camera System (Pelco ES30PC16-2N)	5,358.00	261.23
28 21 31 00-0448		**Wall Mount, Standard Resolution Color, Esprit® IOC, Pan/Tilt Camera Systems** *(28 21 31 00-0445)*		
28 21 31 00-0449	EA	16X, Wall Mount, Standard Resolution Color, Esprit® IOC, Pan/Tilt Camera System (Pelco ES30PC16-2W)	5,400.63	261.23
28 21 31 00-0450		**High Resolution Color, Esprit® IOC, Pan/Tilt Camera Systems** *(28 21 31 00-0444)*		
28 21 31 00-0451		**Pedestal Mount, High Resolution Color, Esprit® IOC, Pan/Tilt Camera Systems** *(28 21 31 00-0450)*		
28 21 31 00-0452	EA	22X, Pedestal Mount, High Resolution Color, Esprit® IOC, Pan/Tilt Camera System (Pelco ES30PC22-2N)	6,370.86	261.23
28 21 31 00-0453	EA	24X, Pedestal Mount, High Resolution Color, Esprit® IOC, Pan/Tilt Camera System (Pelco ES30PCBW24-2N)	6,158.72	261.23
28 21 31 00-0454	EA	35X, Pedestal Mount, High Resolution Color, Esprit® IOC, Pan/Tilt Camera System (Pelco ES30PCBW35-2N)	7,006.24	261.23
28 21 31 00-0455		**Wall Mount, High Resolution Color, Esprit® IOC, Pan/Tilt Camera Systems** *(28 21 31 00-0450)*		
28 21 31 00-0456	EA	22X, Wall Mount, High Resolution Color, Esprit® IOC, Pan/Tilt Camera System (Pelco ES30PC22-2W)	6,412.45	261.23
28 21 31 00-0457	EA	24X, Wall Mount, High Resolution Color, Esprit® IOC, Pan/Tilt Camera System (Pelco ES30PCBW24-2W)	6,158.72	261.23
28 21 31 00-0458	EA	35X, Wall Mount, High Resolution Color, Esprit® IOC, Pan/Tilt Camera System (Pelco ES30PCBW35-2W)	7,053.03	261.23
28 21 31 00-0459		**Esprit® IOP, Pan/Tilt Camera Systems** *(28 21 31 00-0367)*		
28 21 31 00-0460		**High Resolution Color, Esprit® IOP, Pan/Tilt Camera Systems** *(28 21 31 00-0459)*		
28 21 31 00-0461		**Pedestal Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera Systems** *(28 21 31 00-0460)*		
28 21 31 00-0462	EA	16X, Pedestal Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera System (Pelco ES30C16-2N)	4,111.15	261.23
28 21 31 00-0463	EA	22X, Pedestal Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera System (Pelco ES30C22-2N)	5,125.06	261.23
28 21 31 00-0464	EA	24X, Pedestal Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera System (Pelco ES30CBW24-2N)	4,916.04	261.23
28 21 31 00-0465	EA	35X, Pedestal Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera System (Pelco ES30CBW35-2N)	5,576.37	261.23

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0466		**Wall Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera Systems** *(28 21 31 00-0460)*		
28 21 31 00-0467	EA	16X, Wall Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera System (Pelco ES30C16-2W)	4,152.75	261.23
28 21 31 00-0468	EA	22X, Wall Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera System (Pelco ES30C22-2W)	5,167.69	261.23
28 21 31 00-0469	EA	24X, Wall Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera System (Pelco ES30CBW24-2W)	4,958.67	261.23
28 21 31 00-0470	EA	35X, Wall Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera System (Pelco ES30CBW35-2W)	5,623.17	261.23
28 21 31 00-0471		**Esprit® Thermal, Pan/Tilt Camera Systems** *(28 21 31 00-0367)*		
28 21 31 00-0472		**Esprit® Thermal, Pan/Tilt Camera Systems** *(28 21 31 00-0471)*		
28 21 31 00-0473		**Pedestal Mount, Esprit® Thermal, Pan/Tilt Camera Systems** *(28 21 31 00-0472)*		
28 21 31 00-0474	EA	14.25 mm, Pedestal Mount, Esprit® Thermal, Pan/Tilt Camera System (Pelco ES3014TI-2N)	26,631.23	261.23
28 21 31 00-0475	EA	35 mm, Pedestal Mount, Esprit® Thermal, Pan/Tilt Camera System (Pelco ES3035TI-2N)	28,641.36	261.23
28 21 31 00-0476	EA	50 mm, Pedestal Mount, Esprit® Thermal, Pan/Tilt Camera System (Pelco ES3050TI-2N)	29,316.25	261.23
28 21 31 00-0477		**Wall Mount, Esprit® Thermal, Pan/Tilt Camera Systems** *(28 21 31 00-0472)*		
28 21 31 00-0478	EA	14.25 mm, Wall Mount, Esprit® Thermal, Pan/Tilt Camera System (Pelco ES3014TI-2W)	26,674.91	261.23
28 21 31 00-0479	EA	35 mm, 30 Hertz, Wall Mount, Esprit® Thermal, Pan/Tilt Camera System (Pelco ES3035TI-2W)	28,683.99	261.23
28 21 31 00-0480	EA	50 mm, Wall Mount, Esprit® Thermal, Pan/Tilt Camera System (Pelco ES3050TI-2W)	29,358.89	261.23
28 21 31 00-0481		**Accessories For Esprit® Pan/Tilt Camera Systems** *(28 21 31 00-0367)*		
28 21 31 00-0482	EA	Wiper Blade Replacement For Esprit® Systems (Pelco ES-REPLBLADE)	11.31	2.90
28 21 31 00-0483	EA	Marine Mounting Kit For Esprit® Systems (Pelco ES-MKIT)	65.43	14.51
28 21 31 00-0484	EA	Indoor/Outdoor Wall Mount For Esprit® Systems (Pelco EWM)	102.86	14.51
28 21 31 00-0485	EA	Wall Mount For High Security Enclosures (Pelco HSWM12)	130.94	14.51
28 21 31 00-0486	EA	Ground Isolation Transformer (Pelco GIT100)	377.99	39.64
28 21 31 00-0487	EA	High Security, Indoor Wedge Style Enclosure (Pelco HS2100)	577.73	39.64
28 21 31 00-0488	EA	High Security, Indoor 10" Length Enclosure (Pelco HS3000)	453.90	39.64
28 21 31 00-0489	EA	High Security, Indoor Medium Corner Mount Enclosure (Pelco HS1500)	673.68	39.64
28 21 31 00-0490	EA	High Security, Ceiling Mount, Lexan Window, Aluminum Enclosure (Pelco HS8080)	349.91	39.64
28 21 31 00-0491	EA	High Security, Ceiling Mount, Lexan Window, Steel Enclosure (Pelco HS8134)	973.32	39.64
28 21 31 00-0492	EA	Bullet-Resistant, Outdoor Enclosure (Pelco HS4514)	1,432.45	39.64
28 21 31 00-0493	EA	Bullet-Resistant, Outdoor Enclosure With Mount (Pelco HS4514/MT)	1,703.86	39.64
28 21 31 00-0494	EA	24X, Color/Black And White, Esprit® Camera Module (Pelco ESIOPCBW24)	1,765.22	39.64
28 21 31 00-0495	EA	35X, Color/Black And White, Esprit® Camera Module (Pelco ESIOPCBW35)	1,861.93	39.64
28 21 31 00-0496	EA	24 Volt AC, Esprit® Pan Tilt Enclosure Receiver (Pelco ES3012-2)	2,515.28	39.65
28 21 31 00-0497	EA	24 Volt AC, Pedestal Mount, Esprit® Pan/Tilt Enclosure Receiver (Pelco ES3012-2N)	2,545.33	39.64
28 21 31 00-0498	EA	24 Volt AC, Wall Mount, Esprit® Pan/Tilt Enclosure Receiver (Pelco ES3012-2W)	2,574.19	39.64
28 21 31 00-0499	EA	30X, 24 Volt AC, DSS, Color High Resolution, Esprit® CLZ Pan/Tilt Camera System (Pelco ES3012-2CLZ30)	5,849.94	39.64
28 21 31 00-0500	EA	30X, 24 Volt AC, Preset Positioning, DSS, Color High Resolution, Esprit® CLZ Pan/Tilt Camera System (Pelco ES3012-2CLZ30P)	6,012.17	39.64
28 21 31 00-0501	EA	Esprit® Camera Pole Mount Adapter (Pelco EPM)	112.26	9.34
28 21 31 00-0502	EA	Pole Mount Adapter For Esprit® Systems (Pelco EPM)	112.26	9.34
28 21 31 00-0503		**Camera Lenses** *(28 21 31 00-0002)*		
28 21 31 00-0504		**Fixed Focus Camera Lenses** *(28 21 31 00-0503)* Note: 1/3" format and manual focus.		
28 21 31 00-0505		**Manual Iris, Fixed Focus Camera Lenses** *(28 21 31 00-0504)*		
28 21 31 00-0506	EA	2.3 mm, Manual Iris, Fixed Focus Camera Lens (Pelco 13FA2.3)	166.80	13.62
28 21 31 00-0507	EA	2.8 mm, Manual Iris, Fixed Focus Camera Lens (Pelco 13FA2.8)	137.68	13.62
28 21 31 00-0508	EA	4 mm, Manual Iris, Fixed Focus Camera Lens (Pelco 13FA4)	123.12	13.62
28 21 31 00-0509	EA	8 mm, Manual Iris, Fixed Focus Camera Lens (Pelco 13FA8)	120.00	13.62
28 21 31 00-0510		**Direct Drive Auto Iris, Fixed Focus Camera Lenses** *(28 21 31 00-0504)* Note: Includes spot filter. Excludes amplifier.		
28 21 31 00-0511	EA	2.3 mm, Direct Drive Auto Iris, Fixed Focus Camera Lens (Pelco 13FD2.3)	209.44	13.62
28 21 31 00-0512	EA	2.8 mm, Direct Drive Auto Iris, Fixed Focus Camera Lens (Pelco 13FD2.8)	166.80	13.62
28 21 31 00-0513	EA	4 mm, Direct Drive Auto Iris, Fixed Focus Camera Lens (Pelco 13FD4)	156.40	13.62
28 21 31 00-0514	EA	8 mm, Direct Drive Auto Iris, Fixed Focus Camera Lens (Pelco 13FD8)	110.64	13.62
28 21 31 00-0515		**Video Drive Auto Iris, Fixed Focus Camera Lenses** *(28 21 31 00-0504)* Note: Includes LDC100 adapter to convert DC auto iris to video drive.		
28 21 31 00-0516	EA	2.3 mm, Video Drive Auto Iris, Fixed Focus Camera Lenses (Pelco 13FV2.3S)	247.91	13.62
28 21 31 00-0517	EA	2.8 mm, Video Drive Auto Iris, Fixed Focus Camera Lenses (Pelco 13FV2.8S)	204.24	13.62
28 21 31 00-0518	EA	4 mm, Video Drive Auto Iris, Fixed Focus Camera Lenses (Pelco 13FV4S)	193.84	13.62
28 21 31 00-0519	EA	8 mm, Video Drive Auto Iris, Fixed Focus Camera Lenses (Pelco 13FV8S)	185.52	13.62
28 21 31 00-0520		**Varifocal Camera Lenses** *(28 21 31 00-0503)* Note: 1/3" format and manual focus and zoom.		
28 21 31 00-0521		**Manual Iris, Varifocal Camera Lenses** *(28 21 31 00-0520)*		
28 21 31 00-0522	EA	1.6-3.4 mm, Manual Iris, Varifocal Camera Lens (Pelco 13VA1-3)	243.03	13.62

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0523	EA	2.5-6 mm, Manual Iris, Varifocal Camera Lens (Pelco 13VA2.5-6)	195.92	13.62
28 21 31 00-0524	EA	2.8-12 mm, Manual Iris, Varifocal Camera Lens (Pelco 13VA2.8-12)	151.20	13.62
28 21 31 00-0525	EA	3-8 mm, Manual Iris, Varifocal Camera Lens (Pelco 13VA3-8)	132.48	13.62
28 21 31 00-0526	EA	5.5-82.5 mm, Manual Iris, Varifocal Camera Lens (Pelco 13VA5.5-82.5)	351.90	13.62
28 21 31 00-0527	EA	5-40 mm, Manual Iris, Varifocal Camera Lens (Pelco 13VA5-40)	187.48	13.62
28 21 31 00-0528	EA	5-50 mm, Manual Iris, Varifocal Camera Lens (Pelco 13VA5-50)	200.10	13.62
28 21 31 00-0529		Direct Drive Auto Iris, Varifocal Camera Lenses *(28 21 31 00-0520)*		
		Note: Includes spot filter.		
28 21 31 00-0530	EA	1.6-3.4 mm, Direct Drive Auto Iris, Varifocal Camera Lens (Pelco 13VD1-3)	238.82	13.62
28 21 31 00-0531	EA	2.5-6 mm, Direct Drive Auto Iris, Varifocal Camera Lens (Pelco 13VD2.5-6)	210.20	13.62
28 21 31 00-0532	EA	2.8-12 mm, Direct Drive Auto Iris, Varifocal Camera Lens (Pelco 13VD2.8-12)	159.70	13.62
28 21 31 00-0533	EA	3-8 mm, Direct Drive Auto Iris, Varifocal Camera Lens (Pelco 13VD3-8)	117.62	13.62
28 21 31 00-0534	EA	5.5-82.5 mm, Direct Drive Auto Iris, Varifocal Camera Lens (Pelco 13VD5.5-82.5)	384.14	13.62
28 21 31 00-0535	EA	5-50 mm, Direct Drive Auto Iris, Varifocal Camera Lens (Pelco 13VD5-50)	236.29	13.62
28 21 31 00-0536		Video Drive Auto Iris, Varifocal Camera Lenses *(28 21 31 00-0520)*		
		Note: Includes spot filter.		
28 21 31 00-0537	EA	1.6-3.4 mm, Video Drive Auto Iris, Varifocal Camera Lens (Pelco 13VV1-3S)	336.30	13.62
28 21 31 00-0538	EA	2.5-6 mm, Video Drive Auto Iris, Varifocal Camera Lens (Pelco 13VV2.5-6S)	297.83	13.62
28 21 31 00-0539	EA	3-8 mm, Video Drive Auto Iris, Varifocal Camera Lens (Pelco 13VV3-8S)	177.20	13.62
28 21 31 00-0540	EA	5-50 mm, Video Drive Auto Iris, Varifocal Camera Lens (Pelco 13VV5-50S)	332.14	13.62
28 21 31 00-0541		Infrared Corrected, Direct Drive Auto Iris, Varifocal Camera Lenses *(28 21 31 00-0520)*		
28 21 31 00-0542	EA	3-8.5 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal Camera Lens (Pelco 13VDIR3-8.5)	136.97	13.62
28 21 31 00-0543	EA	7.5-50 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal Camera Lens (Pelco 13VDIR7.5-50)	208.52	13.62
28 21 31 00-0544		Motorized Zoom Camera Lenses *(28 21 31 00-0503)*		
		Note: 1/3" format.		
28 21 31 00-0545		Manual Iris, Motorized Zoom Camera Lenses *(28 21 31 00-0544)*		
28 21 31 00-0546	EA	8X Zoom, 6-48 mm, Manual Iris, Motorized Zoom Camera Lens (Pelco 13ZM6X8)	613.96	13.62
28 21 31 00-0547	EA	10X Zoom, 6-60 mm, Manual Iris, Motorized Zoom Camera Lens (Pelco 13ZM6X10)	767.86	13.62
28 21 31 00-0548	EA	15X Zoom, 6-90 mm, Manual Iris, Motorized Zoom Camera Lens (Pelco 13ZM6X15)	818.82	13.62
28 21 31 00-0549		Direct Drive Auto Iris, Motorized Zoom Camera Lenses *(28 21 31 00-0544)*		
		Note: Includes spot filter.		
28 21 31 00-0550	EA	6X Zoom, 6-48 mm, Direct Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZD6X8)	562.86	13.62
28 21 31 00-0551	EA	10X Zoom, 6-60 mm, Direct Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZD6X10)	651.24	13.62
28 21 31 00-0552	EA	15X Zoom, 6-90 mm, Direct Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZD6X15)	905.13	13.62
28 21 31 00-0553	EA	20X Zoom, 5.6-112 mm, Direct Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZD5.6X20)	1,120.90	13.62
28 21 31 00-0554	EA	30X Zoom, 5.5-165 mm, Direct Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZD5.5X30)	2,229.39	13.62
28 21 31 00-0555		Video Drive Auto Iris, Motorized Zoom Camera Lenses *(28 21 31 00-0544)*		
		Note: Includes spot filter.		
28 21 31 00-0556	EA	8X Zoom, 6-48 mm, Video Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZV6X8S)	629.55	13.62
28 21 31 00-0557	EA	10X Zoom, 6-60 mm, Video Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZV6X10S)	750.18	13.62
28 21 31 00-0558	EA	15X Zoom, 6-90 mm, Video Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZV6X15S)	943.60	13.62
28 21 31 00-0559	EA	20X Zoom, 5.6-112 mm, Video Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZV5.6X20S)	1,375.16	13.62
28 21 31 00-0560	EA	30X Zoom, 5.5-165 mm, Video Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZV5.5X30S)	2,241.40	13.62
28 21 31 00-0561		Camera Power Supplies *(28 21 31 00-0002)*		
28 21 31 00-0562	EA	20 VA, 24 Volt AC, Camera Power Transformer (Pelco TF2000)	41.94	11.61
28 21 31 00-0563	EA	50 VA, 24 Volt AC, Camera Power Transformer (Pelco TF9000)	73.14	11.61
28 21 31 00-0564	EA	2 Amperes, 4 Outputs, Camera Power Supply (Pelco MCS4-2)	319.99	23.22
28 21 31 00-0565	EA	5 Amperes, 8 Outputs, Camera Power Supply (Pelco MCS8-5)	368.46	34.83
28 21 31 00-0566	EA	10 Amperes, 16 Outputs, Camera Power Supply (Pelco MCS16-10)	414.40	46.44
		For Switchable Outputs, Add	*192.91*	
28 21 31 00-0567	EA	20 Amperes, 16 Outputs, Camera Power Supply (Pelco MCS16-20)	462.88	58.05
		For Switchable Outputs, Add	*208.06*	
28 21 31 00-0568		Camera Illuminators *(28 21 31 00-0002)*		
28 21 31 00-0569		Camera Illuminators *(28 21 31 00-0568)*		
		Note: Includes lamp and mounting bracket.		
28 21 31 00-0570	EA	Narrow Spot Lamp, Low Light Level Camera Illuminator (Pelco LL27MF)	1,639.57	23.22
28 21 31 00-0571	EA	Infrared Narrow Spot Lamp, Low Light Level Camera Illuminator (Pelco LL27NS)	1,639.57	23.22
28 21 31 00-0572	EA	Flood Lamp, Low Light Level Camera Illuminator (Pelco LL27WF)	1,639.57	23.22
28 21 31 00-0573		Camera Illuminator Accessories *(28 21 31 00-0568)*		
28 21 31 00-0574	EA	Removal And Replacement Of Lamp For Low Light Level Camera Illuminator (Pelco PAR56)	134.83	23.22

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0575		**Camera Receivers** *(28 21 31 00-0002)*		
28 21 31 00-0576	EA	24 Volt AC, Coaxitron® Outdoor Camera Receiver With Preset Positioning (Pelco CX9024RX-PP)	1,586.35	39.64
28 21 31 00-0577	EA	120 Volt AC, Coaxitron® Outdoor Camera Receiver With Preset Positioning (Pelco CX9115RX-PP)	1,586.35	39.64
28 21 31 00-0578		**Pan And Tilt Drives** *(28 21 31 00-0002)*		
28 21 31 00-0579	EA	15 LB Load, 24 Volt AC, Outdoor Pan And Tilt Drive (Pelco PT270-24P)	1,123.58	87.08
28 21 31 00-0580	EA	40 LB Load, 24/120 Volt AC, Outdoor Pan And Tilt Drive (Pelco PT570-24P)	1,427.23	87.08
		For Preset Positioning, Add	*165.00*	
28 21 31 00-0581	EA	100 LB Load, 120 Volt AC, Outdoor Pan And Tilt Drive (Pelco PT1250P)	3,020.36	87.08
		For Preset Positioning, Add	*165.00*	
28 21 31 00-0582	EA	100 LB Load, 120 Volt DC, Outdoor Pan And Tilt Drive (Pelco PT1250DC)	3,451.91	87.08
		For Preset Positioning, Add	*165.00*	
28 21 31 00-0583	EA	100 LB Load, 120 Volt DC, 360 Degree Outdoor Pan And Tilt Drive (Pelco PT1280SL)	3,994.74	87.08
		For Preset Positioning, Add	*165.00*	
28 21 31 00-0584	EA	100 LB Load, 120 Volt DC, Explosion Proof Outdoor Pan And Tilt Drive (Pelco PT1260EX)	5,149.03	87.08
		For Preset Positioning, Add	*165.00*	
28 21 31 00-0585		**Scanners** *(28 21 31 00-0002)*		
28 21 31 00-0586	EA	35 LB Load, 24 Volt AC, Indoor/Outdoor Scanner (Pelco PS20-24)	1,282.68	87.08
		For Wall Mount, Add	*39.05*	
		For Pressure Sensor Alarm, Add	*51.15*	
28 21 31 00-0587	EA	35 LB Load, 120 Volt AC, Indoor/Outdoor Scanner (Pelco PS20)	1,348.20	87.08
		For Wall Mount, Add	*39.05*	
		For Pressure Sensor Alarm, Add	*51.15*	
28 21 31 00-0588		**Camera Monitors** *(28 21 31 00-0001)*		
28 21 31 00-0589		**Camera Monitors** *(28 21 31 00-0588)*		
28 21 31 00-0590		**Monochrome Camera Monitors** *(28 21 31 00-0589)*		
28 21 31 00-0591	EA	9" Monochrome Camera Monitor (Pelco PMM9A)	250.09	17.42
28 21 31 00-0592	EA	12" Monochrome Camera Monitor (Pelco PMM12A)	286.49	17.42
28 21 31 00-0593	EA	15" Monochrome Camera Monitor (Pelco PMM15A)	440.39	17.42
28 21 31 00-0594	EA	20" Monochrome Camera Monitor (Pelco PMM20A)	709.73	17.42
28 21 31 00-0595		**Color Camera Monitors** *(28 21 31 00-0589)*		
28 21 31 00-0596	EA	9", High Resolution Color, Camera Monitor (Pelco PMC9A)	801.24	17.42
28 21 31 00-0597	EA	15", High Resolution Color, Camera Monitor (Pelco PMCS15A)	649.41	17.42
28 21 31 00-0598	EA	17", High Resolution Color, Camera Monitor (Pelco PMCS17A)	944.74	17.42
28 21 31 00-0599	EA	19", High Resolution Color, Camera Monitor (Pelco PMCS19A)	1,256.71	17.42
28 21 31 00-0600		**LCD Camera Monitors** *(28 21 31 00-0588)*		
28 21 31 00-0601		**VGA Signal, Color LCD Camera Monitors (Pelco 200 Series)** *(28 21 31 00-0600)*		
		Note: Displays VGA computer signals.		
28 21 31 00-0602	EA	17", VGA Signal, High Resolution Color, LCD Camera Monitor (Pelco PMCL217)	906.27	17.42
28 21 31 00-0603	EA	19", VGA Signal, High Resolution Color, LCD Camera Monitor (Pelco PMCL219)	1,180.80	17.42
28 21 31 00-0604		**Multimode, Color LCD Camera Monitors (Pelco 300 Series)** *(28 21 31 00-0600)*		
		Note: Displays VGA computer signals and/or composite video signals.		
28 21 31 00-0605	EA	15", Multimode, High Resolution Color, LCD Camera Monitor (Pelco PMCL315)	1,031.05	17.42
28 21 31 00-0606	EA	17", Multimode, High Resolution Color, LCD Camera Monitor (Pelco PMCL317)	1,234.87	17.42
28 21 31 00-0607	EA	19", Multimode, High Resolution Color, LCD Camera Monitor (Pelco PMCL319)	1,519.81	17.42
28 21 31 00-0608		**Multimode With PIP, Color LCD Camera Monitors (Pelco 400 Series)** *(28 21 31 00-0600)*		
		Note: Displays VGA computer signals and/or composite video signals. Includes picture in picture option.		
28 21 31 00-0609	EA	15", Multimode With PIP, High Resolution Color, LCD Camera Monitor (Pelco PMCL415)	1,324.31	17.42
28 21 31 00-0610	EA	17", Multimode With PIP, High Resolution Color, LCD Camera Monitor (Pelco PMCL417)	1,536.45	17.42
28 21 31 00-0611	EA	19", Multimode With PIP, High Resolution Color, LCD Camera Monitor (Pelco PMCL419)	1,928.49	17.42
28 21 31 00-0612		**Camera Monitor Mounting Accessories** *(28 21 31 00-0588)*		
28 21 31 00-0613		**Camera Monitor Mounts** *(28 21 31 00-0612)*		
28 21 31 00-0614	EA	Up To 14", Camera Monitor Mount (Pelco)	306.42	23.22
28 21 31 00-0615	EA	>14" To 17", Camera Monitor Mount (Pelco)	357.37	23.22
28 21 31 00-0616	EA	>17" To 21", Camera Monitor Mount (Pelco)	419.76	23.22
28 21 31 00-0617		**Camera Monitor Rack Mount Kits** *(28 21 31 00-0612)*		
28 21 31 00-0618	EA	Camera Monitor Rack Mount Kit (Pelco PMCL-RM)	184.75	23.22

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0619		Video Transmission Equipment *(28 21 31 00-0001)*		
28 21 31 00-0620		UTP Cable, Video Transmission Equipment *(28 21 31 00-0619)*		
28 21 31 00-0621		UTP Cable, Active Video Receivers *(28 21 31 00-0620)*		
28 21 31 00-0622	EA	Single Channel, UTP Cable, Active Video Receiver (Pelco TW3001AR)	385.62	29.03
28 21 31 00-0623	EA	Four Channel, UTP Cable, Active Video Receiver (Pelco TW3004AR)	1,335.05	29.03
28 21 31 00-0624	EA	Eight Channel, 4 Outputs, UTP Cable, Active Video Receiver (Pelco TW3008AR-4-US)	2,629.72	29.03
28 21 31 00-0625	EA	Sixteen Channel, UTP Cable, Active Video Receiver (Pelco TW3016AR1-US)	4,321.64	29.03
28 21 31 00-0626	EA	Sixteen Channel, 2 Outputs, UTP Cable, Active Video Receiver (Pelco TW3016AR-2-US)	5,046.45	29.03
28 21 31 00-0627		UTP Cable, Passive Video Transceivers *(28 21 31 00-0620)*		
28 21 31 00-0628	EA	Single Channel, UTP Cable, Passive Video Transceiver (Pelco TW3001P)	111.08	29.03
28 21 31 00-0629	EA	Four Channel, UTP Cable, Passive Video Transceiver (Pelco TW3004P)	385.62	29.03
28 21 31 00-0630	EA	Eight Channel, UTP Cable, Passive Video Transceiver (Pelco TW3008P)	714.23	29.03
28 21 31 00-0631	EA	Sixteen Channel, UTP Cable, Passive Video Transceiver (Pelco TW3016P)	1,361.04	29.03
28 21 31 00-0632	EA	Thirty Two Channel, UTP Cable, Passive Video Transceiver (Pelco TW3032P)	2,665.08	29.03
28 21 31 00-0633		UTP Cable, Active Video Transmitters *(28 21 31 00-0620)*		
28 21 31 00-0634	EA	Single Channel, UTP Cable, Active Video Transmitter (Pelco TW3001AT)	403.30	29.03
28 21 31 00-0635		Fiber Optics, Video Transmission Equipment *(28 21 31 00-0619)*		
28 21 31 00-0636		Data Only, Fiber Optics Transmission Equipment *(28 21 31 00-0635)*		
28 21 31 00-0637		Bidirectional Data, Fiber Optics Transmitters *(28 21 31 00-0636)*		
28 21 31 00-0638	EA	Single-Channel, Single Mode, Bidirectional Data, Fiber Optics Transmitter (Pelco FT8101AS)	2,349.82	58.05
28 21 31 00-0639	EA	Single-Channel, Multimode, Bidirectional Data, Fiber Optics Transmitter (Pelco FT8101AM)	958.43	58.05
28 21 31 00-0640	EA	Four-Channel, Single Mode, Bidirectional Data, Fiber Optics Transmitter (Pelco FT8104S)	1,716.52	58.05
28 21 31 00-0641	EA	Four-Channel, Multimode, Bidirectional Data, Fiber Optics Transmitter (Pelco FT8104M)	1,183.05	58.05
28 21 31 00-0642		Bidirectional Data, Fiber Optics Receivers *(28 21 31 00-0636)*		
28 21 31 00-0643	EA	Single-Channel, Single Mode, Bidirectional Data, Fiber Optics Receiver (Pelco FR8101AS)	2,349.82	58.05
28 21 31 00-0644	EA	Single-Channel, Multimode, Bidirectional Data, Fiber Optics Receiver (Pelco FR8101AM)	958.43	58.05
28 21 31 00-0645	EA	Four-Channel, Single Mode, Bidirectional Data, Fiber Optics Receiver (Pelco FR8104S)	1,716.52	58.05
28 21 31 00-0646	EA	Four-Channel, Multimode, Bidirectional Data, Fiber Optics Receiver (Pelco FR8104M)	1,183.05	58.05
28 21 31 00-0647		Video Only, Fiber Optics Transmission Equipment *(28 21 31 00-0635)*		
28 21 31 00-0648		Digitally Encoded Video, Fiber Optics Transmitters *(28 21 31 00-0647)*		
28 21 31 00-0649	EA	Single-Channel, Single Mode, Digitally Encoded Video, Fiber Optics Transmitter (Pelco FT8301AS)	1,041.62	58.05
28 21 31 00-0650	EA	Single-Channel, Multimode, Digitally Encoded Video, Fiber Optics Transmitter (Pelco FT8301AM)	453.04	58.05
28 21 31 00-0651	EA	Four-Channel, Single Mode, Digitally Encoded Video, Fiber Optics Transmitter (Pelco FT8304S)	2,891.60	58.05
28 21 31 00-0652	EA	Four-Channel, Multimode, Digitally Encoded Video, Fiber Optics Transmitter (Pelco FT8304M)	1,737.31	58.05
28 21 31 00-0653	EA	Eight-Channel, Single Mode, Digitally Encoded Video, Fiber Optics Transmitter (Pelco FT8308S)	4,738.47	58.05
28 21 31 00-0654	EA	Eight-Channel, Multimode, Digitally Encoded Video, Fiber Optics Transmitter (Pelco FT8308M)	3,939.82	58.05
28 21 31 00-0655	EA	Sixteen-Channel, Single Mode, Digitally Encoded Video, Fiber Optics Transmitter (Pelco FT8316S)	11,768.19	58.05
28 21 31 00-0656	EA	Sixteen-Channel, Multimode, Digitally Encoded Video, Fiber Optics Transmitter (Pelco FT8316M)	10,473.51	58.05
28 21 31 00-0657		Digitally Encoded Video, Fiber Optics Receivers *(28 21 31 00-0647)*		
28 21 31 00-0658	EA	Single-Channel, Single Mode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8301AS)	1,041.62	58.05
28 21 31 00-0659	EA	Single-Channel, Multimode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8301AM)	453.04	58.05
28 21 31 00-0660	EA	Two-Channel, Single Mode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8302AS)	1,779.95	58.05
28 21 31 00-0661	EA	Two-Channel, Multimode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8302AM)	720.29	58.05
28 21 31 00-0662	EA	Four-Channel, Single Mode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8304S)	2,891.60	58.05
28 21 31 00-0663	EA	Four-Channel, Multimode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8304M)	1,737.31	58.05
28 21 31 00-0664	EA	Eight-Channel, Single Mode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8308S)	4,738.47	58.05
28 21 31 00-0665	EA	Eight-Channel, Multimode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8308M)	3,939.82	58.05
28 21 31 00-0666	EA	Sixteen-Channel, Single Mode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8316S)	11,768.19	58.05
28 21 31 00-0667	EA	Sixteen-Channel, Multimode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8316M)	10,473.51	58.05
28 21 31 00-0668		Video And Data, Fiber Optics Transmission Equipment *(28 21 31 00-0635)*		
28 21 31 00-0669		Digitally Encoded Video With Bidirectional Data, Fiber Optics Transmitters *(28 21 31 00-0668)*		
28 21 31 00-0670	EA	Single-Channel, Single Mode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Transmitter (Pelco FT85011AS)	1,797.63	58.05
28 21 31 00-0671	EA	Single-Channel, Multimode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Transmitter (Pelco FT85011AM)	1,070.74	58.05
28 21 31 00-0672	EA	Four-Channel, Single Mode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Transmitter (Pelco FT85041S)	4,188.36	58.05
28 21 31 00-0673	EA	Four-Channel, Multimode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Transmitter (Pelco FT85041M)	3,625.77	58.05

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0674	EA	Eight-Channel, Single Mode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Transmitter (Pelco FT85081S)	6,780.83	58.05
28 21 31 00-0675	EA	Eight-Channel, Multimode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Transmitter (Pelco FT85081M)	4,915.25	58.05
28 21 31 00-0676		**Digitally Encoded Video With Bidirectional Data, Fiber Optics Receivers** *(28 21 31 00-0668)*		
28 21 31 00-0677	EA	Single-Channel, Single Mode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Receiver (Pelco FR85011AS)	1,797.63	58.05
28 21 31 00-0678	EA	Single-Channel, Multimode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Receiver (Pelco FR85011AM)	1,070.74	58.05
28 21 31 00-0679	EA	Four-Channel, Single Mode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Receiver (Pelco FR85041S)	4,188.36	58.05
28 21 31 00-0680	EA	Four-Channel, Multimode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Receiver (Pelco FR85041M)	3,625.77	58.05
28 21 31 00-0681	EA	Eight-Channel, Single Mode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Receiver (Pelco FR85081S)	6,780.83	58.05
28 21 31 00-0682	EA	Eight-Channel, Multimode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Receiver (Pelco FR85081M)	4,915.25	58.05
28 21 31 00-0683		**Video, Audio And Data, Fiber Optics Transmission Equipment** *(28 21 31 00-0635)*		
28 21 31 00-0684		**Digitally Encoded Video With Bidirectional Audio, Data And Contact Closure, Fiber Optics Transmitters** *(28 21 31 00-0683)*		
28 21 31 00-0685	EA	Single-Channel, Single Mode, Digitally Encoded Video With Bidirectional Audio, Data And Contact Closure, Fiber Optics Transmitter (Pelco FT86011S)	2,316.54	58.05
28 21 31 00-0686	EA	Single-Channel, Multimode, Digitally Encoded Video With Bidirectional Audio, Data And Contact Closure, Fiber Optics Transmitter (Pelco FT86011M)	1,842.34	58.05
28 21 31 00-0687		**Digitally Encoded Video With Bidirectional Audio, Data And Contact Closure, Fiber Optics Receivers** *(28 21 31 00-0683)*		
28 21 31 00-0688	EA	Single-Channel, Single Mode, Digitally Encoded Video With Bidirectional Audio, Data And Contact Closure, Fiber Optics Receiver (Pelco FR86011S)	2,316.54	58.05
28 21 31 00-0689	EA	Single-Channel, Multimode, Digitally Encoded Video With Bidirectional Audio, Data And Contact Closure, Fiber Optics Receiver (Pelco FR86011M)	1,842.34	58.05
28 21 31 00-0690		**Video Amplifiers** *(28 21 31 00-0619)*		
28 21 31 00-0691		**Video Distribution Amplifiers** *(28 21 31 00-0690)*		
28 21 31 00-0692	EA	1 Input, 4 Outputs, Video Distribution Amplifier (Pelco DA104DT)	285.89	14.51
28 21 31 00-0693	EA	16 Channel, Master, Video Distribution Amplifier (Pelco CM9760-MDA) Note: Inserts time-date and title on up to 16 video inputs.	2,328.25	14.51
28 21 31 00-0694		**Video Equalizing Amplifiers** *(28 21 31 00-0690)*		
28 21 31 00-0695	EA	Video Equalizing Amplifier (Pelco EA2010)	310.84	14.51
28 21 31 00-0696	EA	Half-Duplex, Video Equalizing Amplifier (Pelco EA2000)	488.67	14.51
28 21 31 00-0697		**Network Video Equipment** *(28 21 31 00-0001)*		
28 21 31 00-0698		**Video Encoders/Decoders** *(28 21 31 00-0697)*		
28 21 31 00-0699	EA	MPEG4 IP Video Receiver (Pelco NET300R)	1,151.85	29.03
28 21 31 00-0700	EA	MPEG4 IP Video Transmitter (Pelco NET300T)	1,151.85	29.03
28 21 31 00-0701	EA	MPEG4 IP Video Receiver With Audio (Pelco NET350R)	1,326.55	29.03
28 21 31 00-0702	EA	MPEG4 IP Video Transmitter With Audio And Local Storage (Pelco NET350T)	1,326.55	29.03
28 21 31 00-0703		**Network Video Recorders** *(28 21 31 00-0697)*		
28 21 31 00-0704	EA	16 Device Or 100MBPS, Network Video Recorder (Pelco NVR316)	7,318.46	58.05
28 21 31 00-0705	EA	32 Device Or 100MBPS, Network Video Recorder (Pelco NVR332)	8,517.46	58.05
28 21 31 00-0706	EA	64 Device Or 100MBPS, Network Video Recorder (Pelco NVR364)	10,917.55	58.05
28 21 31 00-0707	EA	64 Device Or 100MBPS, PelcoNet Network Video Recorder (Pelco NVR300)	7,227.99	58.05
28 21 31 00-0708		**Network Video Recorder Software** *(28 21 31 00-0697)*		
28 21 31 00-0709	EA	10 User, License Pack (Pelco VMX300-LIC-10)	723.77	
28 21 31 00-0710	EA	20 User, License Pack (Pelco VMX300-LIC-20)	1,305.07	
28 21 31 00-0711	EA	50 User, License Pack (Pelco VMX300-LIC-50)	2,898.20	
28 21 31 00-0712	EA	100 User, License Pack (Pelco VMX300-LIC-100)	5,069.51	
28 21 31 00-0713	EA	10 User, Enterprise License Pack (Pelco VMX300-E-LIC10)	1,208.36	
28 21 31 00-0714	EA	20 User, Enterprise License Pack (Pelco VMX300-E-LIC20)	2,173.39	
28 21 31 00-0715	EA	50 User, Enterprise License Pack (Pelco VMX300-E-LIC50)	4,830.34	
28 21 31 00-0716	EA	100 User, Enterprise License Pack (Pelco VMX300-E-LIC100)	8,451.27	
28 21 31 00-0717	EA	200 User, Enterprise License Pack (Pelco VMX300-E-LIC200)	14,486.85	
28 21 31 00-0718	EA	500 User, Enterprise License Pack (Pelco VMX300-E-LIC500)	30,179.98	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0719	EA	0 Analog Inputs, No Monitors, Video Management Client Software Installed On Pelco Workstation (Pelco VMX300-CL-0)	6,513.10	
28 21 31 00-0720	EA	1 Analog Inputs, No Monitors, Video Management Client Software Installed On Pelco Workstation (Pelco VMX300-CL-1)	6,915.55	
28 21 31 00-0721	EA	4 Analog Inputs, No Monitors, Video Management Client Software Installed On Pelco Workstation (Pelco VMX300-CL-4)	10,941.00	
28 21 31 00-0722	EA	0 Analog Inputs, No Monitors, Video Management Client/Server Software Installed On Pelco Workstation (Pelco VMX300-CSVR-0)	7,237.92	
28 21 31 00-0723	EA	1 Analog Input, No Monitors, Video Management Client/Server Software Installed On Pelco Workstation (Pelco VMX300-CSVR-1)	7,640.36	
28 21 31 00-0724	EA	4 Analog Inputs, No Monitors, Video Management Client/Server Software Installed On Pelco Workstation (Pelco VMX300-CSVR-4)	11,663.73	
28 21 31 00-0725	EA	0 Analog Inputs, No Monitors, Enterprise Video Management Client Software Installed On Pelco Enterprise Workstation (Pelco VMX300-E-CL-0)	6,996.66	
28 21 31 00-0726	EA	1 Analog Input, No Monitors, Enterprise Video Management Client Software Installed On Pelco Enterprise Workstation (Pelco VMX300-E-CL-1)	7,400.14	
28 21 31 00-0727	EA	4 Analog Inputs, No Monitors, Enterprise Video Management Client Software Installed On Pelco Enterprise Workstation (Pelco VMX300-E-CL-4)	11,424.55	
28 21 31 00-0728	EA	0 Analog Inputs, No Monitors, Enterprise Video Management Client/Server Software Installed On Pelco Enterprise Workstation (Pelco VMX300-E-CSVR-0)	8,202.94	
28 21 31 00-0729	EA	1 Analog Input, No Monitors, Enterprise Video Management Client/Server Software Installed On Pelco Enterprise Workstation (Pelco VMX300-E-CSVR-1)	8,605.38	
28 21 31 00-0730	EA	4 Analog Inputs, No Monitors, Enterprise Video Management Client/Server Software Installed On Pelco Enterprise Workstation (Pelco VMX300-E-CSVR-4)	12,630.84	
28 21 31 00-0731		**Video Recording Equipment** *(28 21 31 00-0001)*		
28 21 31 00-0732		**Digital Video Recorders** *(28 21 31 00-0731)*		
28 21 31 00-0733	EA	8 Channel, 1TB Hard Drive, 8 Channel Audio, Digital Video Recorder With DVD (Pelco DX8108-1000A)	11,462.46	58.05
28 21 31 00-0734	EA	8 Channel, 2 TB Hard Drive, 8 Channel Audio, Digital Video Recorder With DVD (Pelco DX8108-2000A)	15,719.81	58.05
28 21 31 00-0735	EA	8 Channel, 3 TB Hard Drive, 8 Channel Audio, Digital Video Recorder With DVD (Pelco DX8108-3000A)	19,978.20	58.05
28 21 31 00-0736	EA	16 Channel, 1 TB Hard Drive, 16 Channel Audio, Digital Video Recorder With DVD (Pelco DX8116-1000A)	13,801.19	58.05
28 21 31 00-0737	EA	16 Channel, 2 TB Hard Drive, 16 Channel Audio, Digital Video Recorder With DVD (Pelco DX8116-2000A)	18,058.54	58.05
28 21 31 00-0738	EA	16 Channel, 3 TB Hard Drive, 16 Channel Audio, Digital Video Recorder With DVD (Pelco DX8116-3000A)	22,316.94	58.05
28 21 31 00-0739	EA	24 Channel, 1 TB Hard Drive, 24 Channel Audio, Digital Video Recorder With DVD (Pelco DX8124-1000A)	15,087.55	58.05
28 21 31 00-0740	EA	24 Channel, 2 TB Hard Drive, 24 Channel Audio, Digital Video Recorder With DVD (Pelco DX8124-2000A)	19,344.90	58.05
28 21 31 00-0741	EA	24 Channel, 3 TB Hard Drive, 24 Channel Audio, Digital Video Recorder With DVD (Pelco DX8124-3000A)	23,603.29	58.05
28 21 31 00-0742	EA	32 Channel, 1 TB Hard Drive, 32 Channel Audio, Digital Video Recorder With DVD (Pelco DX8132-1000A)	17,426.29	58.05
28 21 31 00-0743	EA	32 Channel, 2 TB Hard Drive, 32 Channel Audio, Digital Video Recorder With DVD (Pelco DX8132-2000A)	21,683.64	58.05
28 21 31 00-0744	EA	32 Channel, 3 TB Hard Drive, 32 Channel Audio, Digital Video Recorder With DVD (Pelco DX8132-3000A)	25,942.03	58.05
28 21 31 00-0745	EA	16 Channel, 30 IPS, Digital Video Recorder (Pelco DX9116F-1500)	12,653.46	58.05
28 21 31 00-0746		**Digital Video Recorder Accessories** *(28 21 31 00-0731)*		
28 21 31 00-0747	EA	16 Channel, Multiplexed Analog Output Display Card (Pelco DX8000-MUX16)	1,114.41	29.03
28 21 31 00-0748		**Matrix Systems And Controls** *(28 21 31 00-0001)*		
28 21 31 00-0749		**Video Multiplexers** *(28 21 31 00-0748)*		
28 21 31 00-0750		**Monochrome Duplex, Video Multiplexers** *(28 21 31 00-0749)*		
28 21 31 00-0751	EA	9 Channel, Monochrome Duplex, Video Multiplexer (Pelco MX4009MD)	2,106.48	58.05
28 21 31 00-0752	EA	16 Channel, Monochrome Duplex, Video Multiplexer (Pelco MX4016MD)	1,991.05	58.05
28 21 31 00-0753		**Color Duplex, Video Multiplexers** *(28 21 31 00-0749)*		
28 21 31 00-0754	EA	4 Channel, Color Duplex, Video Multiplexer (Pelco MX4004CD)	1,423.26	58.05
28 21 31 00-0755	EA	9 Channel, Color Duplex, Video Multiplexer (Pelco MX4009CD)	2,713.78	58.05
28 21 31 00-0756	EA	16 Channel, Color Duplex, Video Multiplexer (Pelco MX4016CD)	2,941.52	58.05
28 21 31 00-0757		**Color Simplex, Video Multiplexers** *(28 21 31 00-0749)*		
28 21 31 00-0758	EA	9 Channel, Monochrome Simplex, Video Multiplexer (Pelco MX4009CS)	2,281.18	58.05
28 21 31 00-0759	EA	16 Channel, Monochrome Simplex, Video Multiplexer (Pelco MX4016CS)	2,663.87	58.05
28 21 31 00-0760		**Video Multiplexer Accessories** *(28 21 31 00-0749)*		
28 21 31 00-0761	EA	Pushbutton/Joystick Desktop Controls For PTZ, Fixed/Variable-Speed, Multiplexer Controller (Pelco KBD4000)	1,256.70	39.64
28 21 31 00-0762	EA	Pushbutton Desktop Controls For PTZ, Fixed/Variable-Speed, Multiplexer Controller (Pelco KBD4002)	738.83	39.64
28 21 31 00-0763	EA	Video Multiplexer Server (Pelco MX4000SVR)	2,106.48	58.05
28 21 31 00-0764		**Quad Video Processor** *(28 21 31 00-0748)*		
28 21 31 00-0765	EA	Monochrome, Quad Video Processor (Pelco QD104M)	651.83	29.03
28 21 31 00-0766	EA	Color, Quad Video Processor (Pelco QD104C)	1,067.79	29.03
28 21 31 00-0767		**Switcher** *(28 21 31 00-0748)*		
28 21 31 00-0768		**Terminating Manual Switchers** *(28 21 31 00-0767)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0769		**Terminating Manual Switchers** *(28 21 31 00-0768)*		
28 21 31 00-0770	EA	4 Inputs, Terminating Manual Switcher (Pelco MS504DT)	226.34	23.22
28 21 31 00-0771	EA	8 Inputs, Terminating Manual Switcher (Pelco MS508DT)	307.45	23.22
28 21 31 00-0772	EA	12 Inputs, Terminating Manual Switcher (Pelco MS512DT)	374.01	23.22
28 21 31 00-0773	EA	18 Inputs, Terminating Manual Switcher (Pelco MS518DT)	612.15	23.22
28 21 31 00-0774		**Audio Follow, Terminating Manual Switchers** *(28 21 31 00-0768)*		
28 21 31 00-0775	EA	4 Inputs, Audio Follow, Terminating Manual Switcher (Pelco MS504AF)	292.90	23.22
28 21 31 00-0776	EA	8 Inputs, Audio Follow, Terminating Manual Switcher (Pelco MS508AF)	516.47	23.22
28 21 31 00-0777	EA	18 Inputs, Audio Follow, Terminating Manual Switcher (Pelco MS518AF)	902.28	23.22
28 21 31 00-0778		**Balanced Audio Follow, Terminating Manual Switchers** *(28 21 31 00-0768)*		
28 21 31 00-0779	EA	4 Inputs, Balanced Audio Follow, Terminating Manual Switcher (Pelco MS504BAF)	391.69	23.22
28 21 31 00-0780	EA	8 Inputs, Balanced Audio Follow, Terminating Manual Switcher (Pelco MS508BAF)	718.22	23.22
28 21 31 00-0781		**Looping Manual Switchers** *(28 21 31 00-0767)*		
28 21 31 00-0782		**Looping Manual Switchers** *(28 21 31 00-0781)*		
28 21 31 00-0783	EA	4 Inputs, Looping Manual Switcher (Pelco MS504LDT)	253.38	23.22
28 21 31 00-0784	EA	8 Inputs, Looping Manual Switcher (Pelco MS508LDT)	348.01	23.22
28 21 31 00-0785	EA	12 Inputs, Looping Manual Switcher (Pelco MS512LDT)	443.68	23.22
28 21 31 00-0786	EA	18 Inputs, Looping Manual Switcher (Pelco MS518LDT)	731.73	23.22
28 21 31 00-0787		**Audio Follow, Looping Manual Switchers** *(28 21 31 00-0781)*		
28 21 31 00-0788	EA	4 Inputs, Audio Follow, Looping Manual Switcher (Pelco MS504AFL)	315.77	23.22
28 21 31 00-0789	EA	8 Inputs, Audio Follow, Looping Manual Switcher (Pelco MS508AFL)	551.83	23.22
28 21 31 00-0790	EA	12 Inputs, Audio Follow, Looping Manual Switcher (Pelco MS512AFL)	757.73	23.22
28 21 31 00-0791		**Balanced Audio Follow, Looping Manual Switchers** *(28 21 31 00-0781)*		
28 21 31 00-0792	EA	4 Inputs, Balanced Audio Follow, Looping Manual Switcher (Pelco MS504BAFL)	419.76	23.22
28 21 31 00-0793	EA	8 Inputs, Balanced Audio Follow, Looping Manual Switcher (Pelco MS508BAFL)	760.85	23.22
28 21 31 00-0794	EA	12 Inputs, Balanced Audio Follow, Looping Manual Switcher (Pelco MS512BAFL)	957.39	23.22
28 21 31 00-0795		**Sequential Switchers** *(28 21 31 00-0767)*		
28 21 31 00-0796		**Single Output, Sequential Switchers** *(28 21 31 00-0795)*		
28 21 31 00-0797	EA	4 Inputs, Single Output, Sequential Desktop Switcher (Pelco VA6104)	444.72	23.22
28 21 31 00-0798	EA	8 Inputs, Single Output, Sequential Desktop Switcher (Pelco VA6108)	663.10	23.22
28 21 31 00-0799		**Dual Outputs, Sequential Switchers** *(28 21 31 00-0795)*		
28 21 31 00-0800	EA	4 Inputs, Dual Outputs, Sequential Desktop Switcher (Pelco VA6204)	555.99	23.22
28 21 31 00-0801	EA	8 Inputs, Dual Outputs, Sequential Desktop Switcher (Pelco VA6208)	770.21	23.22
28 21 31 00-0802		**Controls** *(28 21 31 00-0748)*		
28 21 31 00-0803		**Direct/Multi-Cable Controls** *(28 21 31 00-0802)*		
28 21 31 00-0804	EA	Scanner Control Module (Pelco MPS524DT)	382.32	58.05
28 21 31 00-0805	EA	120 Volt AC Pan/Tilt Control Module (Pelco MPT115DT)	408.32	58.05
28 21 31 00-0806	EA	24 Volt AC Pan/Tilt Control Module (Pelco MPT24DT)	453.04	58.05
28 21 31 00-0807	EA	Motorized Zoom Lens Control Module (Pelco MLZ6DT)	473.84	58.05
28 21 31 00-0808	EA	120 Volt AC Pan/Tilt, Scanner And Lens Control Module (Pelco MPTAZ115DT)	748.37	58.05
28 21 31 00-0809	EA	24 Volt AC Pan/Tilt, Scanner And Lens Control Module (Pelco MPTAZ24DT)	824.28	58.05
28 21 31 00-0810		**Coaxitron Controls** *(28 21 31 00-0802)*		
28 21 31 00-0811	EA	Desktop Keyboard, Fixed Speed Coaxitron Controller And Transmitter (Pelco KBD9000)	545.41	39.64
28 21 31 00-0812	EA	8 Position Joystick Pan/Tilt Controls, Switch Camera Lens Controls, Desktop Coaxitron Controller And Transmitter (Pelco MPT9000)	1,035.21	39.64
28 21 31 00-0813	EA	Integral Switcher, 8 Position Joystick Pan/Tilt Controls, Switch Camera Lens Controls, Desktop Coaxitron Controller And Transmitter (Pelco MPT9008)	1,175.59	39.64
28 21 31 00-0814		**Digital Controls** *(28 21 31 00-0802)*		
28 21 31 00-0815	EA	Pushbutton Desktop Controls For Pan/Tilt/Zoom, Fixed/Variable-Speed, Digital Controller (Pelco KBD200A)	733.63	39.64
28 21 31 00-0816	EA	Pushbutton/Joystick Desktop Controls For Pan/Tilt/Zoom, Fixed/Variable-Speed, Digital Controller (Pelco KBD300A)	1,246.31	39.64
28 21 31 00-0817		**Lock Boxes** *(28 21 31 00-0748)*		
28 21 31 00-0818	EA	VCR Lock Box (Pelco LB1000)	450.01	43.53
		For Wall Mount, Add	*165.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0819	EA	Computer Disk Drive Lock Box (Pelco LB2000)	460.40	43.53
28 21 31 00-0820	EA	VCR And Multiplexer Lock Box (Pelco LB3000) Note: Includes storage for 32 VCR tapes.	845.17	43.53
28 21 31 00-0821		Test And Certification Of Surveillance Camera System *(28 21 31)*		
28 21 31 00-0822	DAY	Test And Certification Of Surveillance Camera System To Tie Into Existing Systems	921.08	
28 21 31 00-0823	HR	Test And Certification Of Surveillance Camera System	287.84	
28 21 31 00-0824		Programming Of Surveillance Camera System *(28 21 31)*		
28 21 31 00-0825	HR	Programming Of Surveillance Camera System	345.41	
28 21 31 00-0826		Removal And Reinstallation Of Cameras *(28 21 31)* Note: Includes storage, cleaning and supply materials.		
28 21 31 00-0827	EA	Removal And Reinstallation Of Camera System	522.46	

28 40 Life Safety *(28)*

Note: Includes testing of new devices and certification.

28 42 Gas Detection and Alarm *(28 40)*

28 42 11 Gas Detection and Alarm Control, GUI, and Logic Systems *(28 42)*

28 42 11 00-0001 Monitoring System For Underground Tanks *(28 42 11)*

28 42 11 00-0002 Continuous Leak Detection System *(28 42 11 00-0001)*
Note: Includes calibration, electronic control module and probes. Excludes sample wells, electrical power supply and sensor cable.

28 42 11 00-0003	EA	Single Channel Underground Tank Monitoring System	16,979.90	475.21
28 42 11 00-0004	EA	2 Channel Underground Tank Monitoring System	22,928.47	634.00
28 42 11 00-0005	EA	3 Channel Underground Tank Monitoring System	32,977.17	679.19
28 42 11 00-0006	EA	4 Channel Underground Tank Monitoring System	34,825.64	950.41
28 42 11 00-0007	EA	Control Panel, 1-8 Tanks, Single Wall Tank Monitoring System	25,915.38	81.13
28 42 11 00-0008	EA	Control Panel, 1-4 Tanks, Double Wall Tank Monitoring System	23,372.20	72.44
28 42 11 00-0009	EA	Control Panel, 1-8 Tanks, Double Wall Tank Monitoring System	30,768.48	81.13
28 42 11 00-0010	EA	Tank Leak Detection Probe	9,543.31	17.39
28 42 11 00-0011	EA	Secondary Containment Collar Probe	1,153.07	6.96
28 42 11 00-0012	EA	Interstitial Leak Detection Probe	2,109.23	14.48
28 42 11 00-0013	EA	Liquid Phase Detection	6,971.46	43.46
28 42 11 00-0014	EA	Hydrocarbon Vapor, Fixed	6,426.72	43.46
28 42 11 00-0015	EA	Hydrocarbon Vapor, Float Mounted	7,521.68	49.26
28 42 11 00-0016	EA	Liquid And Vapor Hydrocarbon	8,611.15	49.26

28 42 15 Gas Detection Sensors *(28 42)*

28 42 15 00-0001 Hydrogen Gas Detection *(28 42 15)*

28 42 15 00-0002	EA	Hydrogen Gas Detector Sensor, 1% Fan Relay, 2% Alarm (SBS HGDI-DR)	2,009.99	43.53
28 42 15 00-0003	EA	Hydrogen Gas Detector Junction Box (SBS HGDI-JB)	104.23	14.51
28 42 15 00-0004	EA	Remote Display With 25' Cable For Hydrogen Gas Detector (SBS HGDI-REM)	506.04	43.53

28 43 Fuel Oil Detection and Alarm *(28 40)*

See CSI section 28 42 00 00-0000 for detection and alarms.

28 46 Fire Detection and Alarm *(28 40)*

28 46 13 Fire-Alarm Systems *(28 46)*

28 46 13 31 Proprietary Supervising-Station Fire-Alarm Systems *(28 46 13)*

Note: Includes programming of equipment, testing and certification of new devices.

28 46 13 31-0001 Edwards Fire Alarm *(28 46 13 31)*

28 46 13 31-0002 EST3 Life Safety And Security Control *(28 46 13 31-0001)*

28 46 13 31-0003 EST3 Network *(28 46 13 31-0002)*

28 46 13 31-0004 Remote Annunciators *(28 46 13 31-0003)*

28 46 13 31-0005	EA	Remote LCD Command Module Annunciator (EST3 3-LCDANN) Note: Includes LCD display, CPU and doors. Order surface or semi-flush mount wallbox separately.	1,615.86	87.08
28 46 13 31-0006	EA	Six Position Base Annunciator (EST3 3-6ANN) Note: Includes door, CPU card, two annunciator support modules and five blank filler plates. Space provided for up to four Control/Display Modules and one 3-LCD Liquid Crystal Display Module.	1,314.27	87.08
28 46 13 31-0007	EA	Ten Position Base Annunciator (EST3 3-10ANN) Note: Includes door, CPU card, two annunciator support modules and nine blank filler plates. Space provided for up to eight Control/Display Modules and one 3-LCD Liquid Crystal Display Module.	1,665.94	87.08
28 46 13 31-0008	EA	Annunciator CPU (EST3 3-ANNCPU3) Note: One Required per graphic annunciator.	1,056.83	87.08

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-0009	EA	Annunciator Support Module (EST3 3-ANNSM) Note: Takes one space in Annunciator box. Supports one Control/Display module.	192.37	29.03
28 46 13 31-0010	EA	Liquid Crystal Display Module (EST3 3-LCD) Note: Mounts over 3-CPU(1).	674.49	87.08
28 46 13 31-0011	EA	Liquid Crystal Display Module (EST3 3-LCDXL) Note: Mounts over 3-ANNCPU plus two spaces.	678.69	87.08
28 46 13 31-0012	EA	LED/SWITCH Driver Module Assembly For Third Part Graphics (EST3 3-EVDVRA) Note: Assembled version of 3-EVDVR, comes packaged with cables, mounting hardware installation instructions used for third party graphics. Mounts in 3-EVDVRX.	762.65	87.08
28 46 13 31-0013	EA	Power Supply Assembly With 19" Rail Mounting Chassis Assembly (EST3 3-EVPWRA) Note: Assembled version of 3-EVPWR, comes packaged with cables, mounting hardware and mounting plate for 3-ANNCPU1. Used for third party graphics.	895.84	58.05
28 46 13 31-0014	EA	Plastic Mounting Extrusion 19" Mounting (EST3 3-EVDVRX) Note: Mounts up to three 3-EVDVRA modules.	132.50	29.03
28 46 13 31-0015	EA	Central Processor Unit Module (EST3 3-CPU3) Note: Includes LCD display, CPU and doors. Order surface or semi-flush mount wallbox separately.	1,916.17	87.08
28 46 13 31-0016	EA	120 Volt AC, 50/60 Hertz, Primary Power Supply With Local Rail Module (EST3 3-CPU3) Note: Includes LCD display, CPU and doors. Order surface or semi-flush mount wallbox separately.	1,698.75	29.03
28 46 13 31-0017		**Remote Annunciators Cabinets** *(28 46 13 31-0003)*		
28 46 13 31-0018	EA	Remote LCD Command Module Flush Mount LCD Wallbox (EST3 RLCM/B)	143.20	29.03
28 46 13 31-0019	EA	Remote LCD Command Module Surface Mount LCD Wallbox (EST3 RLCM/B-S)	131.59	23.22
28 46 13 31-0020	EA	Six Position LED/LCD Flush Wallbox (EST3 6ANN/B)	162.10	29.03
28 46 13 31-0021	EA	Six Position LED/LCD Surface Wallbox (EST3 6ANN/B-S)	150.49	23.22
28 46 13 31-0022	EA	Ten Position LED/LCD Flush Wallbox (EST3 10ANN/B)	179.83	29.03
28 46 13 31-0023	EA	Ten Position LED/LCD Surface Wallbox (EST3 10ANN/B-S)	168.22	23.22
28 46 13 31-0024		**Audio And Telephone Masters** *(28 46 13 31-0003)*		
28 46 13 31-0025	EA	Audio Source Unit With Local Microphone And Firefighters' Telephone (EST3 3-ASU/FT)	5,292.84	116.11
28 46 13 31-0026	EA	Audio Source Unit With Local Microphone (Provides Four Local Rail Spaces) (EST3 3-ASU/4)	2,939.12	116.11
28 46 13 31-0027	EA	Audio Source Unit With Local Microphone And Inner Door Filler Plate (EST3 3-ASU)	1,887.68	116.11
28 46 13 31-0028	EA	Fire Fighters Telephone Control Unit With Inner Door Filler Plate (EST3 3-FTCU)	2,777.29	116.11
28 46 13 31-0029	EA	Audio Source Unit Memory Expansion, 100 Minutes (EST3 3-ASUMX/100)	3,174.42	116.11
28 46 13 31-0030	EA	Zoned Amplifier, 95 Watt, Class B. 95 Watt Selectable For 25 Or 70 Vrms Class B Output. Mounts In 2 LRM Spaces (EST3 3-ZA95)	1,857.88	58.05
28 46 13 31-0031		**Battery Distribution Unit** *(28 46 13 31-0003)*		
28 46 13 31-0032	EA	Battery Distribution Unit (EST3 3-BTSEN)	567.63	451.54
28 46 13 31-0033		**Remote Booster Power Supply** *(28 46 13 31-0003)*		
28 46 13 31-0034	EA	6.5 Amperes, 120 Volt AC, Booster Power Supply (EST3 BPS6A)	909.79	87.08
28 46 13 31-0035	EA	10 Amperes, 110 Volt AC Booster Power Supply (EST3 BPS10)	1,040.68	87.08
28 46 13 31-0036	EA	10 Amperes, 220 Volt AC Booster Power Supply (EST3 BPS10220)	1,137.12	87.08
28 46 13 31-0037	EA	Tamper Switch - For CAB7, 14 And 21 Series Cabinets (EST3 3-TAMP)	146.37	29.03
28 46 13 31-0038		**Batteries And Battery Cabinets** *(28 46 13 31-0003)*		
28 46 13 31-0039	EA	1.2 Ampere Hours, 12 Volt DC, Sealed Lead Acid Battery (EST3 12V1A2 (1.2 Ampere Hours))	110.43	29.03
28 46 13 31-0040	EA	4 Ampere Hours, 12 Volt DC, Sealed Lead Acid Battery (EST3 12V4A (4.5 Ampere Hours))	138.86	29.03
28 46 13 31-0041	EA	24 Ampere Hours, 12 Volt DC, Sealed Lead Acid Battery (EST3 12V24A (26 Ampere Hours))	335.04	29.03
28 46 13 31-0042	EA	6.5 Ampere Hours, 12 Volt DC, Sealed Lead Acid Battery (EST3 12V6A5 (7.2 Ampere Hours))	150.25	29.03
28 46 13 31-0043	EA	40 Ampere Hours, 12 Volt DC, Sealed Lead Acid Battery (EST3 12V40A (40 Ampere Hours))	426.11	29.03
28 46 13 31-0044	EA	10 Amperes Hours, 12 Volt DC, Sealed Lead Acid Battery (EST3 12V10A (11 Ampere Hours))	237.59	29.03
28 46 13 31-0045	EA	50 Ampere Hours, 12 Volt DC, Sealed Lead Acid Battery (EST3 12V50A (50 Ampere Hours))	869.83	29.03
28 46 13 31-0046	EA	17 Ampere Hours, 12 Volt DC, Sealed Lead Acid Battery (EST3 12V17A (18 Ampere Hours))	243.46	29.03
28 46 13 31-0047	EA	65 Ampere Hours, 12 Volt DC, Sealed Lead Acid Battery (EST3 12V65A (65 Amp Hours))	1,048.23	29.03
28 46 13 31-0048	EA	8 Ampere Hours, 6 Volt DC, Sealed Lead Acid Battery (EST3 6V8A (8 Amp Hours))	133.32	29.03
28 46 13 31-0049	EA	10 Ampere Hours, 6 Volt DC, Sealed Lead Acid Battery (EST3 6V10A (12 Amp Hours))	119.12	29.03
28 46 13 31-0050	EA	14" x 18-1/4" x 7-1/4" Free Standing Battery Cabinet With Key Lock (EST3 BC-1) Note: Supports up to 40 Ah batteries will hold up to two 12V24A batteries.	433.34	58.05
28 46 13 31-0051	EA	22" x 15" x 3-3/4" Grey Battery Cabinet (EST3 BC-2) Note: Holds up to two 12V17A batteries.	356.76	58.05
28 46 13 31-0052	EA	Remote Closet Enclosure (EST3 3-RCC7R)	1,232.67	116.11
28 46 13 31-0053	EA	Remote Closet Enclosure (EST3 3-RCC14R)	1,534.17	116.11
28 46 13 31-0054	EA	Remote Closet Enclosure (EST3 3-RCC21R)	2,159.39	116.11
28 46 13 31-0055		**Serial Printer** *(28 46 13 31-0003)*		
28 46 13 31-0056	EA	System Printer - Desk Top Style (EST3 PT-1S)	971.03	29.03
28 46 13 31-0057		**Intelligent Analog Initiating Devices** *(28 46 13 31-0002)*		
28 46 13 31-0058		**Detectors, Signature** *(28 46 13 31-0057)*		
28 46 13 31-0059	EA	Intelligent 4D Multisensor Detector For Ionization, Photoelectric, And Heat (EST3 SIGA-IPHS)	258.59	43.53
28 46 13 31-0060	EA	Black, Intelligent 4D Multisensor Detector For Ionization, Photoelectric, And Heat (EST3 SIGA-IPHSB)	291.69	43.53
28 46 13 31-0061	EA	Intelligent 3D Multisensor Detector For Photoelectric And Heat (EST3 SIGA-PHS)	248.73	43.53

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-0062	EA	Intelligent Photoelectric Smoke Detector (EST3 SIGA-PS)	219.14	43.53
28 46 13 31-0063	EA	Intelligent Ionization Smoke Detector (EST3 SIGA-IS)	229.00	43.53
28 46 13 31-0064	EA	135 Degrees Fahrenheit, 15 Degrees Fahrenheit Per Minute, Intelligent Fixed Temperature/Rate-of-Rise Heat Detector (EST3 SIGA-HRS)	186.16	43.53
28 46 13 31-0065	EA	135 Degree Fahrenheit, Intelligent Fixed Temperature Heat Detector (EST3 SIGA-HFS)	186.16	43.53
28 46 13 31-0066	EA	Passive Infrared Motion Detector (EST3 SIGA-MD)	300.50	43.53
28 46 13 31-0067	EA	Passive Infrared Motion Detector With Swivel Mount For Single Gang Boxes (EST3 SIGA-MDS)	332.80	43.53
28 46 13 31-0068	EA	Intelligent Photoelectric Smoke Detector (EST3 SIGA2-PS)	279.34	43.53
28 46 13 31-0069	EA	Intelligent Combination Photo Electric And CO Sensor (EST3 SIGA2-PCOS)	407.59	43.53
28 46 13 31-0070	EA	135 Degree Fahrenheit, Intelligent Fixed Temperature Heat Detector (EST3 SIGA2-HFS)	231.48	43.53
28 46 13 31-0071	EA	135 Degrees Fahrenheit, 15 Degrees Fahrenheit Per Minute, Intelligent Fixed Temperature/Rate-of-Rise Heat Detector (EST3 SIGA2-HRS)	231.48	43.53
28 46 13 31-0072	EA	Photoelectric, Heat, Intelligent 3D Multisensor Detector (EST3 SIGA2-PHS)	322.44	43.53
28 46 13 31-0073		**Detectors, Duct Housings and Accessories, Signature** *(28 46 13 31-0057)*		
28 46 13 31-0074	EA	Superduct, Signature Duct Smoke Detector (EST3 SIGA-SD)	526.17	72.56
28 46 13 31-0075	EA	Superduct, Test Magnet Kit (EST3 SD-MAG)	21.72	
28 46 13 31-0076	EA	Superduct, 120" Air Sample Tube (EST3 SD-T120)	67.65	17.42
28 46 13 31-0077	EA	Superduct, Remote Test Station, Keyed, 2-Wire And SIGA (EST3 SD-TRK)	136.60	23.22
28 46 13 31-0078	EA	Duct Smoke Detector Test Station, 2-Gang Plastic Plate With Key Switch, 2 Keys, Use With Duct Detector Only (EST3 SIGA-DTS)	186.65	23.22
28 46 13 31-0079	EA	High Temp Heat Detector, 194 Degree F, Combination Rate-Of-Rise And Fixed Temperature (EST3 282B-PL)	79.49	23.22
28 46 13 31-0080		**Modules, Signature** *(28 46 13 31-0057)*		
28 46 13 31-0081	EA	Universal Class A/B Module - UIO Mount (EST3 SIGA-MAB)	246.01	29.03
28 46 13 31-0082	EA	Class B Single Input Module (One Gang Standard Mount) (EST3 SIGA-CT1)	113.62	29.03
28 46 13 31-0083	EA	Class B Dual Input Module (One Gang Standard Mount) (EST3 SIGA-CT2)	152.38	29.03
28 46 13 31-0084	EA	Class B Dual Input UIO (Plug In) Module (EST3 SIGA-MCT2)	219.63	29.03
28 46 13 31-0085	EA	Single Input (Riser) Module, Features A Built-In Ring Tone Generator, Use For Switching A Single Signal Or Audio Circuit (EST3 SIGA-CC1)	167.00	29.03
28 46 13 31-0086	EA	Dual Input (Riser) Module, Use For Switching (Selecting) Either Of Two Signal Or Audio Input Circuits To One Signal Output Circuit (EST3 SIGA-CC2)	175.05	29.03
28 46 13 31-0087	EA	Control Relay Module (One Gang Standard Mount) (EST3 SIGA-CR) Note: Select for either N.O. or N.C. operation. Rated at 2 amperes (24 Volt DC).	134.10	29.03
28 46 13 31-0088	EA	Control Relay UIO (Plug In) Module (EST3 SIGA-MCR)	190.11	29.03
28 46 13 31-0089	EA	Single Input (Riser) Module With Strobe Synchronization Output (EST3 SIGA-CC1S)	256.04	29.03
28 46 13 31-0090	EA	Universal Input/Output Module - Input With Programmable Output (EST3 SIGA-IO)	249.42	29.03
28 46 13 31-0091	EA	Input/Output Module - UIO Mount, Multifunction Module With Input And Program (EST3 SIGA-MIO)	239.56	29.03
28 46 13 31-0092	EA	Waterflow/Tamper Module (One Gang Standard Mount) (EST3 SIGA-WTM)	219.11	190.09
28 46 13 31-0093	EA	Monitor Module (One Gang Standard Mount) (EST3 SIGA-MM1) Note: Factory programmed for non-latching monitor operation.	158.68	29.03
28 46 13 31-0094	EA	Single Input (Riser) Module, With Synchronization Output (EST3 SIGA-MCC1S)	257.13	29.03
28 46 13 31-0095		**Module Accessories, Signature** *(28 46 13 31-0057)* Note: Universal I/O motherboards are required for UIO plug-in modules. Module mounting plates can be used to mount multiple 1 and 2-gang modules.		
28 46 13 31-0096	EA	Module Mounting Bracket - For 4" Square Box, Mounting Kit Allows Installing 2 Single Gang Signature Modules Into A Single 4" Square Box (EST3 SIGA-MB4)	62.16	14.51
28 46 13 31-0097	EA	Universal Input/Output Module Motherboard - 6 Position, Use For M Series Modules (EST3 SIGA-UIO6)	216.43	29.03
28 46 13 31-0098	EA	Transient Protector - For Bell And Horn Circuits, Provides Transient Protection To -CC1, -MCC1, -CC2, -MCC2, -UM And -MAB Modules (EST3 235196P)	22.35	8.70
28 46 13 31-0099	EA	Signature Module Mounting Plate, 1 Footprint, Space For Up To Four 2-Gang Signature Modules Or Eight 1-Gang Signature Modules (EST3 SIGA-MP1)	73.57	14.51
28 46 13 31-0100	EA	Signature Module Mounting Plate, 1/2 Footprint, Space For Up To Two 2-Gang Signature Modules Or Four 1-Gang Signature Modules (EST3 SIGA-MP2)	65.37	14.51
28 46 13 31-0101	EA	Signature Module Mounting Plate, 1/2 Extended Footprint, Space For Up To Three 2-Gang Signature Modules Or Six 1-Gang Signature Modules (EST3 SIGA-MP2L)	68.61	14.51
28 46 13 31-0102		**Single Action Pull Stations, Signature** *(28 46 13 31-0057)*		
28 46 13 31-0103	EA	One Stage Fire Alarm Station, English Markings (EST3 SIGA-270)	264.63	60.37
28 46 13 31-0104	EA	Two Stage (Pre Signal) Fire Alarm Station, English Markings (EST3 SIGA-270P)	314.10	60.37
28 46 13 31-0105	EA	GA Key - For Pre Signal Station (EST3 276-K2)	36.73	30.92
28 46 13 31-0106	EA	20 Glass Rods For SIGA-270 Series Stations (EST3 270-GLR)	46.26	40.45
28 46 13 31-0107	EA	Surface Mount Box, Red - For SIGA-270 Series (EST3 276B-RSB)	67.80	44.58
28 46 13 31-0108		**Double Action Pull Stations, Signature** *(28 46 13 31-0057)*		
28 46 13 31-0109	EA	Double Action (One Stage) Fire Alarm Station, English Markings (EST3 SIGA-278)	203.13	60.37
28 46 13 31-0110	EA	12 Glass Rods For SIGA-278 Series (EST3 276-GLR)	46.97	5.80
28 46 13 31-0111		**Detector Bases and Accessories, Signature** *(28 46 13 31-0057)* Note: For raised floor and plenum applications. Order detector mounting base and detector separately. Compatible with -PS, and -PHS detectors and -SB, -RB and -IB bases.		
28 46 13 31-0112	EA	Audible (Sounder) Base (EST3 SIGA-AB4G)	135.34	14.51
28 46 13 31-0113	EA	Surface Box - For Sounder Base, Use With -AB4G Models Only (EST3 AB4G-SB)	48.92	14.51
28 46 13 31-0114	EA	Audible (Sounder) Base, Mounts To 4" Square, 2-1/8" Deep Box (EST3 SIGA-AB4)	169.66	14.51

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-0115	EA	Detector (Smoke) Guard, Covers Detectors Mounted To Flush Boxes, Compatible With -IPHS And -PS Signature Detectors (EST3 SIGA-DG)	95.12	14.51
28 46 13 31-0116	EA	Detector (Smoke) Guard Surface Box - For SIGA-DG (EST3 SIGA-DGSB)	111.60	14.51
28 46 13 31-0117	EA	Detector Mounting Plate (EST3 SIGA-DMP)	177.55	14.51
		Note: For raised floor and plenum applications. Order detector mounting base and detector separately. Compatible with -PS, -PHS and -IPHS detectors and -SB, -RB and -IB bases. SIGA-IPHS 4D detector is limited to operation in air velocities less than 500 feet per minute.		
28 46 13 31-0118	EA	Remote Alarm LED, Use With -SB And -SB4 Standard Base Only (EST3 SIGA-LED)	62.16	14.51
28 46 13 31-0119	EA	Trim Skirt/Ring - For Octagon Box (EST3 SIGA-TS)	22.49	8.70
28 46 13 31-0120	EA	Trim Skirt/Ring - For 4" Square Box, Use To Hide Imperfections Around Electric Boxes Not Completely Hidden By Standard Bases, With All 4" Bases (EST3 SIGA-TS4)	22.49	8.70
28 46 13 31-0121	EA	Detector (Smoke) Guard Mounting Flange, Provides Secure Mounting While Offering Easy Guard Removal, With Tamper Hardware (EST3 SIGA-DGMF)	67.03	8.70
28 46 13 31-0122	EA	Detector Base With Isolator (EST3 SIGA-IB)	109.94	14.51
28 46 13 31-0123	EA	Detector Base With Isolator - For 4" Square Box, With TS4 Skirt (EST3 SIGA-IB4)	117.00	14.51
28 46 13 31-0124	EA	Detector Base With Form 'C' Relay (EST3 SIGA-RB)	67.05	14.51
28 46 13 31-0125	EA	Detector Base With Form 'C' Relay - For 4" Square Box, With TS4 Skirt (EST3 SIGA-RB4)	97.61	14.51
28 46 13 31-0126	EA	Detector Base - Standard, For 4" Square Box, With TS4 Skirt (EST3 SIGA-SB4)	41.46	14.51
28 46 13 31-0127		**Controllers, Signature** *(28 46 13 31-0057)*		
28 46 13 31-0128	EA	Signature Dual Driver Controller (EST3 3-SDDC1)	3,795.28	87.08
28 46 13 31-0129	EA	Single Signature Loop Controller (EST3 3-SSDC1)	2,169.67	87.08
28 46 13 31-0130	EA	Signature Loop Controller (EST3 3-SDC1)	1,947.78	87.08
28 46 13 31-0131	EA	Analog Addressable Loop Controller (EST3 3-AADC1)	3,130.19	87.08
28 46 13 31-0132		**Relays And Accessories** *(28 46 13 31-0057)*		
28 46 13 31-0133	EA	Multi Voltage Relay (EST3 MR101)	197.63	29.03
28 46 13 31-0134	EA	Single SPDT Auxiliary Relay With LED Track Mounting (EST3 MR101/T)	57.95	14.51
28 46 13 31-0135		**Notification Appliances** *(28 46 13 31-0002)*		
28 46 13 31-0136		**Wall Strobes, Horns And Chimes** *(28 46 13 31-0135)*		
28 46 13 31-0137	EA	Strobe (15, 30, 75, Or 110 cd Output), White (EST3 G1-VM)	157.58	43.53
28 46 13 31-0138	EA	Strobe (15, 30, 75, Or 110 cd Output), Red (EST3 G1R-VM)	157.58	43.53
28 46 13 31-0139	EA	Horn-Strobe (15, 30, 75, Or 110 cd Output, High Or Low dB Output), White (EST3 G1-HDVM)	180.55	43.53
28 46 13 31-0140	EA	Temporal Horn (Selectable High Or Low dB Output), White (EST3 G1-HD)	131.71	43.53
28 46 13 31-0141	EA	Temporal Horn (Selectable High Or Low dB Output), Red (EST3 G1R-HD)	131.71	43.53
28 46 13 31-0142	EA	Temporal Horn, Hi/Lo dB Output, 24 Volt DC, White, With The Word "FIRE" On Housing (EST3 G1F-HD)	131.71	43.53
28 46 13 31-0143	EA	Temporal Horn, Hi/Lo dB Output, 24 Volt DC, Red, With The Word "FIRE" On Housing (EST3 G1RF-HD)	131.71	43.53
28 46 13 31-0144	EA	Horn (Steady Tone), 24 Volt DC, White, Not Compatible With Signal Master (EST3 G1-P)	109.97	43.53
28 46 13 31-0145	EA	Horn (Steady Tone) - 24 Volt DC, Red, Not Compatible With Signal Master (EST3 G1R-P)	109.97	43.53
28 46 13 31-0146	EA	Horn (Steady Tone), 24 Volt DC, Red, With The Word "FIRE" On Housing, Not Compatible With Signal Master (EST3 G1RF-P)	109.97	43.53
28 46 13 31-0147	EA	Genesis Chime-Strobe (15, 30, 75, Or 110 cd Output, High Or Low dB Output), White (EST3 G1-CVM)	274.27	43.53
28 46 13 31-0148	EA	Genesis Chime-Strobe (15, 30, 75, Or 110 cd Output, High Or Low dB Output), Red (EST3 G1R-CVM)	274.27	43.53
28 46 13 31-0149	EA	Genesis Chime (Selectable High Or Low dB Output), White (EST3 G1-C)	177.75	43.53
28 46 13 31-0150	EA	Genesis Chime (Selectable High Or Low dB Output), Red (EST3 G1R-C)	177.75	43.53
28 46 13 31-0151	EA	Wall Strobe, 15/75 cd, White, With The Word "FIRE" On Housing (EST3 G1F-V1575)	157.58	43.53
28 46 13 31-0152	EA	Multi-cd Strobe, 24 Volt DC, White, With The Word "FIRE" On Housing (EST3 G1F-VM)	157.58	43.53
28 46 13 31-0153	EA	Multi-Candela Strobe, 24 Volt DC, Red, With The Word "FIRE" On Housing (EST3 G1RF-VM)	157.58	43.53
28 46 13 31-0154	EA	Wall Strobe, 15/75 cd, Red, With The Word "FIRE" On Housing (EST3 G1RF-V1575)	157.58	43.53
28 46 13 31-0155	EA	Genesis Ceiling Strobe, 15-95 Multi-cd, FIRE Marking, Mounts To 4" Square x 2-1/8" Box (EST3 GCF-VM)	164.04	43.53
28 46 13 31-0156	EA	Genesis Ceiling Strobe, 15-95 Multi-cd, FIRE Marking, Mounts To 4" Square x 2-1/8" Box (EST3 GCFR-VM)	164.04	43.53
28 46 13 31-0157	EA	Genesis Ceiling Strobe, 95-177 Multi-cd, FIRE Marking, Mounts To 4" Square x 2-1/8" Box (EST GCF-VMH)	179.14	43.53
28 46 13 31-0158	EA	Genesis Ceiling Strobe, 15-95 Multi-cd, Mounts To 4" Square x 2-1/8" Box (EST3 GC-VM)	164.04	43.53
28 46 13 31-0159	EA	Genesis Ceiling Strobe, 95-177 Multi-cd, Mounts To 4" Square x 2-1/8" Box (EST3 GC-VMH)	164.04	43.53
28 46 13 31-0160	EA	Genesis Trim Plate (For Two-Gang Or 4" Square Boxes) With "FIRE" Markings, White (EST3 G1T-FIRE)	95.84	43.53
28 46 13 31-0161	EA	Genesis Trim Plate (For Two-Gang Or 4" Square Boxes) With "FIRE" Markings, Red (EST3 G1RT-FIRE)	95.84	43.53
28 46 13 31-0162		**Wall Speakers And Speaker Strobes** *(28 46 13 31-0135)*		
28 46 13 31-0163	EA	Multi-Wattage 25 VRMS Speaker (EST3 G4-S2)	129.76	43.53
28 46 13 31-0164	EA	Multi-Candela/Wattage 25 VRMS Speaker-Strobe (EST3 G4-S2VM)	202.59	43.53
28 46 13 31-0165	EA	Multi-Wattage 70 VRMS Speaker (EST3 G4-S7)	129.76	43.53
28 46 13 31-0166	EA	Multi-Candela/Wattage 70 VRMS Speaker-Strobe (EST3 G4-S7VM)	202.59	43.53
28 46 13 31-0167	EA	Surface Box, White, For Genesis Speaker (EST3 G4B)	64.19	23.22
28 46 13 31-0168	EA	Surface Box, Red, For Genesis Speaker (EST3 G4RB)	64.19	23.22
28 46 13 31-0169		**Ceiling Speakers And Speaker Strobes** *(28 46 13 31-0135)*		
28 46 13 31-0170	EA	Genesis Ceiling Speaker, 70 VRMS, Mounts To 4" Square x 2-1/8" Box (EST3 GC-S7)	156.18	43.53
28 46 13 31-0171	EA	Genesis Ceiling Speaker/Strobe, 70 VRMS, 15-95 Multi-cd, Mounts To 4" Square x 2-1/8" Box (EST3 GC-S7VM)	202.59	43.53
28 46 13 31-0172	EA	Genesis Ceiling Speaker/Strobe, 70 VRMS, 95-177 Multi-cd, Mounts To 4" Square x 2-1/8" Box (EST3 GC-S7VMH)	217.29	43.53
28 46 13 31-0173		**Harsh Environment Signals** *(28 46 13 31-0135)*		
28 46 13 31-0174	EA	Temporal Horn, Self-Synchronized, 24 Volt DC (EST3 757-1A-T)	138.10	43.53

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-0175	EA	15/75 Candela Temporal Horn/Strobe, 24 Volt DC (EST3 757-7A-T)	196.06	43.53
28 46 13 31-0176	EA	110 Candela Temporal Horn/Strobe, 24 Volt DC (EST3 757-8A-T)	196.06	43.53
28 46 13 31-0177	EA	15 Candela Synchronized, 24 Volt DC, Strobe (EST3 405-5A-T)	178.83	43.53
28 46 13 31-0178	EA	15/75 Candela Synchronized, 24 Volt DC, Strobe (EST3 405-7A-T)	167.37	43.53
28 46 13 31-0179	EA	30 Candela Synchronized, 24 Volt DC, Strobe (EST3 405-3A-T)	178.83	43.53
28 46 13 31-0180	EA	60 Candela Synchronized, 24 Volt DC, Strobe (EST3 405-6A-T)	178.83	43.53
28 46 13 31-0181	EA	110 Candela Synchronized, 24 Volt DC, Strobe (EST3 405-8A-T)	178.83	43.53
28 46 13 31-0182	EA	15/75 Candela Synchronized, 24 Volt DC, Red, Outdoor Listed, Strobe (EST3 CS405-7A-T)	197.56	49.35
28 46 13 31-0183	EA	110 Candela Synchronized, 24 Volt DC, Red, Outdoor Listed, Strobe (EST3 CS405-8A-T)	197.56	49.35
28 46 13 31-0184	EA	15 Candela Temporal Horn/Strobe, 24 Volt DC (EST3 757-5A-T)	145.09	43.53
28 46 13 31-0185	EA	30 Candela Temporal Horn/Strobe, 24 Volt DC (EST3 757-3A-T)	190.57	43.53
28 46 13 31-0186		**Fire Alarm Bells** *(28 46 13 31-0135)*		
28 46 13 31-0187	EA	10" Single Stroke Fire Alarm Bells, 24 Volt DC (EST3 323D-10AW)	212.15	43.53
28 46 13 31-0188	EA	6" Vibrating Fire Alarm Bells, 24 Volt DC (EST3 439D-6AW)	168.85	43.53
28 46 13 31-0189	EA	10" Vibrating Fire Alarm Bells, 24 Volt DC (EST3 439D-10AW)	187.33	43.53
28 46 13 31-0190		**Multiple Tone Signal** *(28 46 13 31-0135)*		
28 46 13 31-0191	EA	27 Tone Selectable Signal, 24 Volt DC (EST3 5530MD-24AW)	1,386.12	1,342.57
28 46 13 31-0192		**Multi-Purpose Loudspeaker** *(28 46 13 31-0135)*		
28 46 13 31-0193	EA	15 Watt Loudspeaker, Gray (EST3 HPSA15G2570)	281.20	43.53
28 46 13 31-0194	EA	15 Watt Loudspeaker, Red (EST3 HPSA15R2570)	281.20	43.53
28 46 13 31-0195		**Bell/Strobe Plate** *(28 46 13 31-0135)*		
28 46 13 31-0196	EA	Bell/Strobe Plate - 15cd (EST3 403-5A-R)	142.11	23.22
28 46 13 31-0197		**Mounting Accessories** *(28 46 13 31-0135)*		
28 46 13 31-0198	EA	Surface Mount Box - Indoor, Red, 1-Gang (EST3 27193-11)	65.53	23.22
28 46 13 31-0199	EA	One Gang Surface Mount Box, Red, No Bottom KO (EST3 27193-11-NY)	65.53	23.22
28 46 13 31-0200	EA	Surface Mount Box - Indoor, White, 1-Gang (EST3 27193-16)	65.53	23.22
28 46 13 31-0201	EA	Surface Mount Box - Indoor, Red, 2-Gang (EST3 27193-21)	65.53	23.22
28 46 13 31-0202	EA	Surface Mount Box - Indoor, White, 2-Gang (EST3 27193-26)	65.53	23.22
28 46 13 31-0203		**Firefighters' Telephones** *(28 46 13 31-0135)*		
28 46 13 31-0204	EA	Remote Telephone Warden Station - Flush, Red, 5' Armored Cable, Hinged Door With Magnetic Latch, 4-State (EST3 6830-NY-F4)	1,237.81	72.56
28 46 13 31-0205	EA	Four State Remote Telephone Warden Station - Surface, Armored Cord (EST3 6830-NY-S4)	691.48	72.56
28 46 13 31-0206	EA	Remote Telephone Warden Station - Flush, Armored Cord (EST3 6830-NY-F)	494.73	72.56
28 46 13 31-0207	EA	Telephone Handset Assembly - Red c/w 60" Coiled Cord (EST3 6830-1)	357.57	72.56
28 46 13 31-0208	EA	Remote Telephone Handset Station - 4-State, Red, 5' Coiled Cord (EST3 6830-4)	666.99	72.56
28 46 13 31-0209	EA	Three State Telephone Handset Assembly - Red, 60" Coiled Cord, Push To Talk Button (EST3 6830-5A)	406.52	72.56
28 46 13 31-0210	EA	Remote Telephone Handset Station - 4-State, Red, 'Push To Talk' Button, 5' Coiled Cord (EST3 6830-5A-4)	753.69	72.56
28 46 13 31-0211	EA	Three State Telephone Handset Assembly - Red, 60" Armored Cord, Push To Talk Button (EST3 6830-6A)	422.84	72.56
28 46 13 31-0212	EA	Remote Telephone Handset Station - 4-State, Red, 'Push To Talk' Button, 5' Armored Cable (EST3 6830-6A-4)	864.72	72.56
28 46 13 31-0213	EA	Portable Handset Receptacle, 1 Gang Stainless Steel Faceplate (EST3 6833-1)	92.22	23.22
28 46 13 31-0214	EA	Portable Telephone Receptacle - 1-Gang, SS, 4-State (EST3 6833-4)	106.43	23.22
28 46 13 31-0215	EA	Portable Telephone Handset - Black, Coiled Cord (EST3 6830-3)	152.90	
28 46 13 31-0216	EA	Portable Telephone Handset - Red, Coiled Cord (EST3 6700-0061)	152.90	
28 46 13 31-0217	EA	Frontplate - Flush Mount, Red Finish, Break Glass Type, With Two Keys (EST3 6831-1)	228.50	29.03
28 46 13 31-0218	EA	Frontplate - Flush Mount, Red Finish, Non-Break Glass Type With Two Keys (EST3 6831-2)	285.04	29.03
28 46 13 31-0219	EA	Frontplate - Surface Mount, Red Finish, Break Glass Type, With Two Keys (EST3 6831-3)	200.23	29.03
28 46 13 31-0220	EA	Frontplate - Surface Mount, Red Finish, Non-Break Glass Type, With Two Keys (EST3 6831-4)	191.92	29.03
28 46 13 31-0221	EA	Wallbox - Flush Or Surface Mount, Red Finish, 14" x 8-1/2" x 3-1/2" (EST3 6832-1)	138.73	43.53
28 46 13 31-0222	EA	Portable Handset Storage Cabinet, Surface Mount, With Keylock, Red Finish (EST3 TCS-6)	1,280.17	58.05
28 46 13 31-0223		**Mass Notification EC Appliances** *(28 46 13 31-0135)*		
28 46 13 31-0224	EA	G1 Wall, Strobe, White Housing, Alert Markings, Amber Lens (EST3 G1WA-VMA)	164.09	43.53
28 46 13 31-0225	EA	G1 Wall, Strobe, White Housing, Alert Markings, Clear Lens (EST3 G1WA-VMC)	158.22	43.53
28 46 13 31-0226	EA	G1 Wall, Strobe, White Housing, No Markings, Amber Lens (EST3 G1WN-VMA)	164.09	43.53
28 46 13 31-0227	EA	G1 Wall, Strobe, White Housing, No Markings, Clear Lens (EST3 G1WN-VMC)	158.22	43.53
28 46 13 31-0228	EA	G1 Wall, White Trim Ring, Alert Marking (EST3 G1WT-ALERT)	24.44	8.70
28 46 13 31-0229		**Hazardous Location Devices** *(28 46 13 31-0002)*		
28 46 13 31-0230		**Detectors, Rate Compensation Heat, For Explosion/Weather/Moisture Proof And Ordinary Location** *(28 46 13 31-0229)*		
28 46 13 31-0231	EA	Heat Detector, Rate Compensation, Interior Vertical Surface Mount FM And UL, 135 Degree F (EST3 302-135)	145.66	43.53
28 46 13 31-0232	EA	Heat Detector, Rate Compensation, Interior Vertical Surface Mount FM And UL, 194 Degree F (EST3 302-194)	145.66	43.53
28 46 13 31-0233	EA	Heat Detector - Rate Compensation, All-Weather Vertical Mounting, FM And UL, 135 Degree F (EST3 302-AW-135)	151.97	43.53

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28 46 13 31-0234	EA	Heat Detector - Rate Compensation, All-Weather Vertical Mounting, FM And UL, 194 Degree F (EST3 302-AW-194)	151.97	43.53
28 46 13 31-0235	EA	Heat Detector, Rate Compensation, Explosion Proof Mounting, Interior Vertical Surface Mount FM And UL, 135 Degree F, Requires JALX-11 Or Equal (EST3 302-EPM-135)	210.32	43.53
28 46 13 31-0236	EA	Heat Detector, Rate Compensation, Explosion Proof Mounting, Interior Vertical Surface Mount FM And UL, 194 Degree F, Requires JALX-11 Or Equal (EST3 302-EPM-194)	210.32	43.53
28 46 13 31-0237	EA	Heat Detector, Rate Compensation, All-Weather Vertical, Box Mount (1/2" NPT), FM And UL, 135 Degree F, Requires STONCO27 Or Equal (EST3 302-ET-135)	151.97	43.53
28 46 13 31-0238	EA	Heat Detector, Rate Compensation, All-Weather Vertical, Box Mount (1/2" NPT), FM And UL, 194 Degree F, Requires STONCO27 Or Equal (EST3 302-ET-194)	151.97	43.53
28 46 13 31-0239		**Hazardous Locations Fire Alarm Station** *(28 46 13 31-0229)*		
28 46 13 31-0240	EA	Hazardous Location Fire Alarm Station (EST3 XAL53)	1,311.88	72.56
28 46 13 31-0241	EA	Explosion Proof, Weatherproof, Fire Alarm Station, Single Action, Cat 45 Key Reset, Terminal Connections, DPDT (EST3 MPSR1-D45WX-GE)	1,248.49	72.56
28 46 13 31-0242		**Hazardous Location Strobes** *(28 46 13 31-0229)*		
28 46 13 31-0243	EA	Explosion Proof Strobe (EST3 116DEXSTC-FJ)	1,957.69	43.53
28 46 13 31-0244	EA	Wall Bracket Mounting Elbow (EST3 116EX-B)	364.60	14.51
28 46 13 31-0245	EA	Ceiling / Wall Mounting Module (EST3 116EX-C)	477.18	17.42
28 46 13 31-0246	EA	Pendant Mounting Module (EST3 116EX-P)	349.60	17.42
28 46 13 31-0247		**Hazardous Location Bells** *(28 46 13 31-0229)*		
28 46 13 31-0248	EA	6" Hazardous Location Bells, 24 Volt DC (EST3 439DEX-6AW)	1,411.24	43.53
28 46 13 31-0249	EA	8" Hazardous Location Bells, 24 Volt DC (EST3 439DEX-8AW)	1,447.94	43.53
28 46 13 31-0250	EA	10" Hazardous Location Bells, 24 Volt DC (EST3 439DEX-10AW)	1,461.15	43.53
28 46 13 31-0251		**Hazardous Location Horns** *(28 46 13 31-0229)*		
28 46 13 31-0252	EA	Hazardous Location Horns (EST3 888D-N5)	1,379.61	43.53
28 46 13 31-0253	EA	Explosion Proof Horn, Diode Polarized, 24 Volt DC (EST3 889D-AW)	1,125.68	43.53
28 46 13 31-0254		**Door Holders And Relays** *(28 46 13 31-0002)*		
28 46 13 31-0255		**Electromagnetic Door Holders** *(28 46 13 31-0254)*		
28 46 13 31-0256	EA	24 Volt AC / 24 Volt DC / 120 Volt AC, Door Holder, Single, Floor Mount (EST3 1501-AQN5)	242.39	43.53
28 46 13 31-0257	EA	24 Volt AC / 24 Volt DC / 120 Volt AC, Door Holder, Double, Floor Mount (EST3 1502-AQN5)	316.04	43.53
28 46 13 31-0258	EA	24 Volt AC / 24 Volt DC / 120 Volt AC, Door Holder, Flush, Wall Mount (EST3 1504-AQN5)	204.78	43.53
28 46 13 31-0259	EA	24 Volt AC / 24 Volt DC / 120 Volt AC, Door Holder, Flush, Wall Mount, Short Catch Plate (EST3 1505-AQN5)	204.78	43.53
28 46 13 31-0260	EA	24 Volt AC / 24 Volt DC / 120 Volt AC, Door Holder, Surface, Wall Mount (EST3 1508-AQN5)	208.18	43.53
28 46 13 31-0261	EA	24 Volt AC / 24 Volt DC / 120 Volt AC, Door Holder, Completely Flush, Wall Mount (EST3 1509-AQN5)	211.42	43.53
28 46 13 31-0262		**Control Relays, Multi-Voltage** *(28 46 13 31-0254)*		
28 46 13 31-0263	EA	Single SPDT With LED, Adhesive Tape Mounting (EST3 PAM1)	49.02	8.70
28 46 13 31-0264		**FireShield Plus** *(28 46 13 31-0002)*		
28 46 13 31-0265		**3 Zone System** *(28 46 13 31-0264)*		
28 46 13 31-0266	EA	Conventional Fire Alarm Control Panel, 3 Class B IDC Zones, 2 Class B NAC's, 3.5 Amperes NAC Power, Red Enclosure, 120 Volt AC, Capacity For (2) 10 Amp Hours Batteries (EST3 FSP302R)	1,298.23	348.31
28 46 13 31-0267	EA	Conventional Fire Alarm Control Panel, 3 Class B IDC Zones, 2 Class B NAC's, 3.5 Amperes NAC Power, Red Enclosure, 120 Volt AC, Capacity For (2) 10 Amp Hours Batteries, With Upload/Download DACT (EST3 FSP302RD)	1,897.28	464.40
28 46 13 31-0268	EA	Conventional Fire Alarm Control Panel, 3 Class B IDC Zones, 2 Class B NAC's, 3.5 Amperes NAC Power, Gray Enclosure, 120 Volt AC, Capacity For (2) 10 Amp Hours Batteries (EST3 FSP302G)	1,298.23	348.31
28 46 13 31-0269	EA	Conventional Fire Alarm Control Panel, 3 Class B IDC Zones, 2 Class B NAC's, 3.5 Amperes NAC Power, Gray Enclosure, 120 Volt AC, Capacity For (2) 10 Amp Hours Batteries, With Upload/Download DACT (EST3 FSP302GD)	1,897.28	464.40
28 46 13 31-0270	EA	Semi Flush Trim Kit For 3 Or 5 Zone Enclosures, Gray (EST3 F-TRIM35G)	92.49	14.51
28 46 13 31-0271	EA	Semi Flush Trim Kit For 3 Or 5 Zone Enclosures, Red (EST3 F-TRIM35R)	92.49	14.51
28 46 13 31-0272		**5 Zone System** *(28 46 13 31-0264)*		
28 46 13 31-0273	EA	Conventional Fire Alarm Control Panel, 5 Class B IDC Zones, 2 Class B NAC's, 3.5 Amperes NAC Power, Red Enclosure, 120 Volt AC, Capacity For (2) 10 Amp Hours Batteries (EST3 FSP502R)	1,400.95	348.31
28 46 13 31-0274	EA	Conventional Fire Alarm Control Panel, 5 Class B IDC Zones, 2 Class B NAC's, 3.5 Amperes NAC Power, Red Enclosure, 120 Volt AC, Capacity For (2) 10 Amp Hours Batteries, With Upload/Download DACT (EST3 FSP502RD)	1,994.12	464.40
28 46 13 31-0275	EA	Conventional Fire Alarm Control Panel, 5 Class B IDC Zones, 2 Class B NAC's, 3.5 Amperes NAC Power, Gray Enclosure, 120 Volt AC, Capacity For (2) 10 Amp Hours Batteries (EST3 FSP502G)	1,400.95	348.31
28 46 13 31-0276	EA	Conventional Fire Alarm Control Panel, 5 Class B IDC Zones, 2 Class B NAC's, 3.5 Amperes NAC Power, Gray Enclosure, 120 Volt AC, Capacity For (2) 10 Amp Hours Batteries, With Upload/Download DACT (EST3 FSP502GD)	1,994.12	464.40
28 46 13 31-0277	EA	Semi Flush Trim Kit For 3 Or 5 Zone Enclosures, Gray (EST3 F-TRIM35G)	92.49	14.51
28 46 13 31-0278	EA	Semi Flush Trim Kit For 3 Or 5 Zone Enclosures, Red (EST3 F-TRIM35R)	92.49	14.51

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-0279		**10 Zone System** *(28 46 13 31-0264)*		
28 46 13 31-0280	EA	Conventional Fire Alarm Control Panel, 10 Class B IDC Zones, 4 Class B NAC's, 3.5 Amperes NAC Power, Red Enclosure, 120 Volt AC, Capacity For (2) 17 Amp Hours Batteries (EST3 FSP1004R)	2,029.34	464.40
28 46 13 31-0281	EA	Conventional Fire Alarm Control Panel, 10 Class B IDC Zones, 4 Class B NAC's, 3.5 Amperes NAC Power, Red Enclosure, 120 Volt AC, Capacity For (2) 17 Amp Hours Batteries, With Upload/Download DACT (EST3 FSP1004RD)	2,628.40	580.51
28 46 13 31-0282	EA	Conventional Fire Alarm Control Panel, 10 Class B IDC Zones, 4 Class B NAC's, 3.5 Amperes NAC Power, Gray Enclosure, 120 Volt AC, Capacity For (2) 17 Amp Hours Batteries (EST3 FSP1004G)	1,985.32	464.40
28 46 13 31-0283	EA	Conventional Fire Alarm Control Panel, 10 Class B IDC Zones, 4 Class B NAC's, 3.5 Amperes NAC Power, Gray Enclosure, 120 Volt AC, Capacity For (2) 17 Amp Hours Batteries, With Upload/Download DACT (EST3 FSP1004GD)	2,628.40	580.51
28 46 13 31-0284	EA	Semi Flush Trim Kit For 10 Zone Enclosures, Gray (EST3 F-TRIM10G)	108.39	14.51
28 46 13 31-0285	EA	NAC Power Expansion Transformer, 120 Volt AC, Increases 10 Zone FACP NAC (EST3 F-XTR120)	197.79	29.03
28 46 13 31-0286		**FireShield Plus Off Premise Communication Options** *(28 46 13 31-0264)*		
28 46 13 31-0287	EA	F-Series Upload/Download DACT And Modem, Dual Line, With 2x16 LCD (EST3 F-DACT)	439.57	29.03
28 46 13 31-0288		**FireShield Plus Remote LED Annunciators** *(28 46 13 31-0264)*		
28 46 13 31-0289	EA	Remote System Indicator, Power, Alarm, Supervisory, Trouble And Ground Fault LED's With Local Buzzer, Single Gang, And White Trim Plate (EST3 FSRSI)	182.31	43.53
28 46 13 31-0290	EA	Remote Zone Indicator, Contains 5 Red LED's For Alarm Zone Indication, With Jumper Selectable Zone Settings, Single Gang, And White Trim Plate (EST3 FSRZI-A)	182.31	43.53
28 46 13 31-0291	EA	Remote Zone Indicator, Contains 5 Bi-Color LED's (Red/Yellow) For Alarm Or Supervisory Zone Indication, With Jumper Selectable Zone Settings, Single Gang, And White Trim Plate (EST3 FSRZI-SA)	189.80	43.53
28 46 13 31-0292	EA	Remote Annunciator Trim Plate - 2 Gang - White (EST3 FSAT2)	36.51	8.70
28 46 13 31-0293	EA	Remote Annunciator Trim Plate - 3 Gang - White (EST3 FSAT3)	46.09	8.70
28 46 13 31-0294	EA	Remote Annunciator Trim Plate - 4 Gang - White (EST3 FSAT4)	69.10	8.70
28 46 13 31-0295		**FireShield Plus Remote 10 Zone LED Annunciators** *(28 46 13 31-0264)*		
28 46 13 31-0296	EA	Remote LED Annunciator, With Common System Indicators, 10 Zone Indicators, White Housing, Mounts To 4" Electrical Box, For Use With 10 Zone Panels Only (EST3 FSRA10)	585.99	43.53
28 46 13 31-0297	EA	Remote LED Annunciator, With Common System Indicators, 10 Zone Indicators And Common Control Switches, White Housing, Mounts To 4" Electrical Box, For Use With 10 Zone Panels Only (EST3 FSRA10C)	644.68	43.53
28 46 13 31-0298	EA	Single Unit Remote Annunciator Enclosure, 4" Box Mount, Key Locked Door, Plexiglas Window, Gray (EST3 RA-ENC1)	204.79	29.03
28 46 13 31-0299		**FireShield Plus Remote Relays And Interfaces** *(28 46 13 31-0264)*		
28 46 13 31-0300	EA	Remote Relay Module, 5 Form C Contacts, Jumper Selectable Operation, With Mounting Track (EST3 FSRRM24)	216.76	29.03
28 46 13 31-0301	EA	11" Snap Track Holds 2-4 RRMs, Used To Mount FSRRMs In MFC-A Or Other Listed Enclosure, MFC-A Will Hold Two FSRRM-11S (EST3 FSRRM-S11)	88.90	17.42
28 46 13 31-0302	EA	Common Function Graphic Driver/Interface - 9 Relays And 5 Switch Inputs For Common System Indicators And Controls (EST3 FSUIM)	348.59	29.03
28 46 13 31-0303		**FireShield Plus Accessories** *(28 46 13 31-0264)*		
28 46 13 31-0304	EA	Resistor Kit With 1-3.6K And 1-1.1K (46071-0409) (EST3 EOL3.6-1.1)	19.92	
28 46 13 31-0305	EA	4.7k UL End Of Line Resistor With Fireshield Panels (EST3 EOL47PK7)	11.89	
28 46 13 31-0306		**iO Series Fire Control Panels** *(28 46 13 31-0002)*		
28 46 13 31-0307		**Intelligent Analog Control Panels** *(28 46 13 31-0306)*		
28 46 13 31-0308	EA	FACP, 1 Intelligent Loop Supporting 125 Detectors/125 Modules, 2nd Loop Optional, 4 Class B NAC's, 6.5 Amperes Power Supply, Gray Door, 115 Volt AC, Capacity For Up (2) 18a/h Batteries, English (EST3 iO500G)	3,871.58	580.51
28 46 13 31-0309	EA	FACP, 1 Intelligent Loop Supporting 125 Detectors/125 Modules, 2nd Loop Optional, 4 Class B NAC's, 6.5 Amperes Power Supply, Gray Door, 115 Volt AC, Capacity For Up (2) 18 Amp/hour Batteries, With Dual Line Dialer/Modem, English (EST3 iO500GD)	4,156.25	580.51
28 46 13 31-0310	EA	FACP, 1 Loop, 64 Intelligent Devices Max, 2 Class B NAC's, 4.25 Amperes Power Supply, Gray Door, 115 Volt AC, Capacity For Up (2) 10 Amp/hour Batteries, English (EST3 iO64G)	3,090.23	464.40
28 46 13 31-0311	EA	FACP, 1 Loop, 64 Intelligent Devices Max, 2 Class B NAC's, 4.25 Amperes Power Supply, Gray Door, 115 Volt AC, Capacity For Up (2) 10 Amp/hour Batteries, With Dual Line Dialer/Modem, English (EST3 iO64GD)	3,222.29	464.40
28 46 13 31-0312		**Option Modules And Accessories For iO Series** *(28 46 13 31-0306)*		
28 46 13 31-0313	EA	16 Zone LED Annunciator, 2 LED's Per Zone, Customizable Insert Labels, Left Side Mounting, Zones 1-16 (EST3 D16L-iO-1)	380.56	43.53
28 46 13 31-0314	EA	16 Zone LED Annunciator, 2 LED's Per Zone, Customizable Insert Labels, Right Side Mounting, Zones 17-32, Requires D16L-iO-1 (EST3 D16L-iO-2)	233.82	43.53
28 46 13 31-0315	EA	Serial Interface, RS232, 4 Terminal Connections For Supervised/Unsupervised Printers And Connection To PC's (EST3 SA-232)	233.82	43.53
28 46 13 31-0316	EA	Class A NAC Module, For 64 Point Systems Only, Mounts To Main Board (EST3 SA-CLA)	204.79	29.03
28 46 13 31-0317	EA	Dialer/Modem, Two Telephone Line Connections, RJ31, Mounts To Base Plate (EST3 SA-DACT)	427.96	23.22
28 46 13 31-0318	EA	Ethernet Port Interface, RJ45, Mounts To Base Plate (EST3 SA-ETH)	780.13	23.22
28 46 13 31-0319	EA	Trim Kit For Semi-Flush Mounting 64 Point Systems (EST3 SA-TRIM1)	90.66	14.51

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-0320	EA	Trim Kit For Semi-Flush Mounting 500 Point Systems (EST3 SA-TRIM2)	105.33	14.51
28 46 13 31-0321	EA	Expansion Loop For iO500 Systems, 125 Detectors/125 Modules, Mounts On Main Board (EST3 XAL250)	1,436.75	58.05
28 46 13 31-0322		**Remote Annunciators For iO Series** *(28 46 13 31-0306)*		
28 46 13 31-0323	EA	Remote Annunciator, 80 Character LCD, Common System Indicators, Beige Housing, Mounts To 4" Box With Supplied Ring (EST3 RLCD)	784.07	43.53
28 46 13 31-0324	EA	Remote Annunciator, 80 Character LCD, Common System Indicators And Controls, Beige Housing, Mounts To 4" Box With Supplied Ring (EST3 RLCD-C)	820.77	43.53
28 46 13 31-0325		**Remote Annunciator Accessories** *(28 46 13 31-0306)*		
28 46 13 31-0326	EA	24 Expander Cable Assembly, With Cable And Hardware (EST3 730073)	87.73	14.51
28 46 13 31-0327	EA	12 Expander Cable (Cable Only) (EST3 7120313-01)	58.38	14.51
28 46 13 31-0328	EA	24 Expander Cable (Cable Only) (EST3 7120313-02)	80.38	14.51
28 46 13 31-0329	EA	Single Unit Remote Annunciator Enclosure, 4" Box Mount, Key Locked Door, Plexiglas Window, Beige (EST3 RA-ENC1)	233.82	43.53
28 46 13 31-0330	EA	Dual Unit Remote Annunciator Enclosure, 4" Box Mount, Key Locked Door, Plexiglas Window, Beige (EST3 RA-ENC2)	270.49	43.53
28 46 13 31-0331	EA	Three Unit Remote Annunciator Enclosure, 4" Box Mount, Key Locked Door, Plexiglas Window, Beige (EST3 RA-ENC3)	307.19	43.53
28 46 13 31-0332	EA	Blank Zone Card Insert For RLEDx Controllers (EST3 RA-LED16ZC)	58.38	14.51
28 46 13 31-0333	EA	Blank Zone Card Insert For RLED24x Controllers (EST3 RA-LED24ZC)	58.38	14.51
28 46 13 31-0334	EA	Remote Key Switch, Single Gang Mount, Provides Keyed Control To Enable/Disable Common Control Switches On Remote Annunciators (EST3 RKEY)	122.50	14.51
28 46 13 31-0335		**System Accessories** *(28 46 13 31-0306)*		
28 46 13 31-0336	EA	Battery Cabinet, 14" x 18.25" x 7.25" Free Standing Cabinet With Key Lock, Supports Up To 40 Amp Hours Batteries, Will Hold Up To Two 12 Volt DC, 24 Ampere Batteries (EST3 BC-1)	433.34	58.05
28 46 13 31-0337	EA	Isolator Module - RS232, For Use With Short Haul Modems, VDU-3, CCA Series, CGP Series And FCOM-232, Requires 1/2 Size Cabinet Footprint (EST3 IOP3A)	1,930.15	464.40
28 46 13 31-0338		**Conventional Initiating Devices** *(28 46 13 31-0002)*		
28 46 13 31-0339		**Detectors, Heat, Double Pole** *(28 46 13 31-0338)*		
		Note: WARNING, Heat detectors are not Life Safety Devices, use for property protection only.		
28 46 13 31-0340	EA	Heat Detector, 135 Degree F Fixed Temperature (CF135-2)	166.15	43.53
28 46 13 31-0341	EA	Heat Detector, 200 Degree F Fixed Temperature (CF200-2)	166.15	43.53
28 46 13 31-0342	EA	Heat Detector, 135 Degree F ROR/Fixed Temperature (CR135-2)	166.15	43.53
28 46 13 31-0343	EA	Heat Detector, 200 Degree F ROR/Fixed Temperature (CR200-2)	166.15	43.53
28 46 13 31-0344		**Detectors, Rate Compensation Heat, Accessories** *(28 46 13 31-0338)*		
28 46 13 31-0345	EA	Heat Detector, Rate Compensation, Adapter Plate For Mounting 302 And 302-AW To Any 3 Outlet Box Or 4" Octagon Outlet Box (GE AP-P)	100.12	43.53
28 46 13 31-0346	EA	Explosion Proof Outlet Body With Cover, 1/2" Threaded Hubs On Back, Four Sides And Cover (GE JALX11)	286.31	23.22
28 46 13 31-0347	EA	4" Weatherproof, Octagon Backbox And Cover, 1/2" Threaded Hubs On Back, Four Sides And Cover (GE STONCO27)	86.65	29.03
28 46 13 31-0348		**Detectors, Heat, Fire-Lite** *(28 46 13 31-0338)*		
		Note: WARNING, Heat detectors are not Life Safety Devices, use for property protection only.		
28 46 13 31-0349	EA	Explosion Heat Detector, 135 Degree F Fixed Temperature, Rate-Anticipation Heat Detector, All-Weather Vertical Mounting (302-EPM-135)	154.87	43.53
28 46 13 31-0350	EA	Explosion Heat Detector, 194 Degree F Fixed Temperature, Rate-Anticipation Heat Detector, All-Weather Vertical Mounting (302-EPM-194)	154.87	43.53
28 46 13 31-0351		**Audio Notification Systems (Standalone Voice Evacuation)** *(28 46 13 31-0002)*		
28 46 13 31-0352		**Audio Notification Panels** *(28 46 13 31-0351)*		
28 46 13 31-0353	EA	Audio Notification Panel, 100 Watt Amplifier, DMR, Temporal Pattern, Power Supply And Battery Charger, Standard Message, Microphone, And 14.5" x 18" x 4" Gray Cabinet (GE ANS100MDG)	5,519.12	580.51
28 46 13 31-0354	EA	Audio Notification Panel, 100 Watt Amplifier, DMR, Temporal Pattern, Power Supply And Battery Charger, Standard Message, Microphone, And 14.5" x 18" x 4" Red Cabinet (GE ANS100MDR)	5,519.12	580.51
28 46 13 31-0355	EA	Audio Notification Panel, 25 Watt Amplifier, DMR, Temporal Pattern, Power Supply And Battery Charger, Standard Message, Microphone, And 14.5" x 18" x 4" Gray Cabinet (GE ANS25MDG)	4,095.77	580.51
28 46 13 31-0356	EA	Audio Notification Panel, 25 Watt Amplifier, DMR, Temporal Pattern, Power Supply And Battery Charger, Standard Message, Microphone, And 14.5" x 18" x 4" Red Cabinet (GE ANS25MDR)	4,095.77	580.51
28 46 13 31-0357	EA	Audio Notification Panel, 50 Watt Amplifier, DMR, Temporal Pattern, Power Supply And Battery Charger, Standard Message, Microphone, And 14.5" x 18" x 4" Gray Cabinet (GE ANS50MDG)	4,800.11	580.51
28 46 13 31-0358	EA	Audio Notification Panel, 50 Watt Amplifier, DMR, Temporal Pattern, Power Supply And Battery Charger, Standard Message, Microphone, And 14.5" x 18" x 4" Red Cabinet (GE ANS50MDR)	4,800.11	580.51
28 46 13 31-0359		**Audio Notification Expander Panels** *(28 46 13 31-0351)*		
28 46 13 31-0360	EA	Audio Expander Panel, 100W With Out DMR Or Microphone, Power Supply And Battery Charger, 14.5" x 18" x 4" Gray Cabinet (GE ANS100XG)	4,213.16	580.51
28 46 13 31-0361	EA	Audio Expander Panel, 100W With Out DMR Or Microphone, Power Supply And Battery Charger, 14.5" x 18" x 4" Red Cabinet (GE ANS100XR)	4,213.16	580.51

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-0362	EA	Audio Expander Panel, 25 Watt Without DMR Or Microphone, Power Supply And Battery Charger, 14.5" x 18" x 4" Gray Cabinet (GE ANS25XG)	2,833.83	580.51
28 46 13 31-0363	EA	Audio Expander Panel, 25 Watt Without DMR Or Microphone, Power Supply And Battery Charger, 14.5" x 18" x 4" Red Cabinet (GE ANS25XR)	2,833.83	580.51
28 46 13 31-0364	EA	Audio Expander Panel, 50W With Out DMR Or Microphone, Power Supply And Battery Charger, 14.5" x 18" x 4" Gray Cabinet (GE ANS50XG)	3,640.88	580.51
28 46 13 31-0365	EA	Audio Expander Panel, 50W With Out DMR Or Microphone, Power Supply And Battery Charger, 14.5" x 18" x 4" Red Cabinet (GE ANS50XR)	3,640.88	580.51
28 46 13 31-0366		**Audio Notification Output Accessories** *(28 46 13 31-0351)*		
28 46 13 31-0367	EA	Zone Adapter, 1 Circuit To 2 Circuit's (GE ANSZC2B)	161.09	14.51
28 46 13 31-0368	EA	Zone Splitter, 2 Class A Circuits With Zone Selection Switches And All-Call Switch (GE ANSZS2A)	718.37	29.03
28 46 13 31-0369	EA	Zone Splitter, 4 Class B Circuits With Zone Selection Switches And All-Call Switch (GE ANSZS4B)	718.37	29.03
28 46 13 31-0370	EA	Class A Converter (GE ANSZSC4A)	512.94	29.03
28 46 13 31-0371		**Audio Notification Remote Microphone** *(28 46 13 31-0351)*		
28 46 13 31-0372	EA	Microphone (GE ANSMIKE)	190.11	29.03
28 46 13 31-0373	EA	Remote Microphone, Supervised In Surface/Semi-Flush Gray Cabinet, Requires EVX-SC Card In Evacuation Panel (GE ANSREMG)	791.74	29.03
28 46 13 31-0374	EA	Remote Microphone, Supervised In Surface/Semi-Flush Red Cabinet, Requires EVX-SC Card In Evacuation Panel (GE ANSREMR)	791.74	29.03
28 46 13 31-0375	EA	Remote Microphone Supervisory Card, One Per System, Supervises Up To 5 Remote Microphones (GE ANSREMSUP)	175.77	14.51
28 46 13 31-0376	EA	Relay Card For Supervision/Zone Splitter To Remote Microphone (GE ANSZSR)	95.05	14.51
28 46 13 31-0377		**Audio Notification Accessories** *(28 46 13 31-0351)*		
28 46 13 31-0378	EA	Audio Matching - Line Input/Output Card (GE ANSAUX)	322.18	29.03
28 46 13 31-0379	EA	Class B Backup Amplifier Switching Module (GE ANSBKUP)	322.18	29.03
28 46 13 31-0380	EA	Class A Backup Amplifier Switching Module (GE ANSBKUPA)	322.18	29.03
28 46 13 31-0381	EA	Eight Input Remote Serial Interface Module, Accepts Dry Contact Interface To Control Up To 8 Messages, Message Recording Included With Module, For Industrial Signaling Only, Not UL Listed For Fire Alarm / Life Safety Applications (GE ANSRSI8)	718.37	29.03
28 46 13 31-0382		**Audio Notification Modules, Without Cabinet And Transformer** *(28 46 13 31-0351)*		
28 46 13 31-0383	EA	100W Expander Module (No Microphone OR DMR), Requires Transformer Ordered Separately (GE ANS100A) Note: Excludes cabinet.	2,625.32	58.05
28 46 13 31-0384	EA	100W Expander Module With Microphone (No DMR), Requires Transformer Ordered Separately (GE ANS100AM) Note: Excludes cabinet.	2,757.39	58.05
28 46 13 31-0385	EA	100W Audio Notification Module With DMR And Microphone, Requires Transformer Ordered Separately (GE ANS100AMD) Note: Excludes cabinet.	3,813.89	58.05
28 46 13 31-0386	EA	25 Watt Expander Module (No Microphone Or DMR), Requires Transformer Ordered Separately (GE ANS25A) Note: Excludes cabinet.	1,436.75	58.05
28 46 13 31-0387	EA	25 Watt Expander Module With Microphone (No DMR), Requires Transformer (GE ANS25AM) Note: Excludes cabinet.	1,436.75	58.05
28 46 13 31-0388	EA	25 Watt Audio Notification Module With DMR And Microphone, Requires Transformer Ordered Separately (GE ANS25AMD)	2,625.32	58.05
28 46 13 31-0389	EA	50W Expander Module (No Microphone Or DMR) (GE ANS50A) Note: Excludes cabinet.	2,097.07	58.05
28 46 13 31-0390	EA	50W Expander Module With Microphone (No DMR) (GE ANS50AM) Note: Excludes cabinet.	2,229.13	58.05
28 46 13 31-0391	EA	50W Audio Notification Module With DMR And Microphone (GE ANS50AMD) Note: Excludes cabinet.	3,285.64	58.05
28 46 13 31-0392	EA	Power Transformer, Open Frame, 28 Volt AC At 180 VA (EVAX 50/100) (GE ANST28180)	161.09	14.51
28 46 13 31-0393	EA	Power Transformer, Open Frame, 28 Volt AC At 100 VA (EVAX 25) (GE ANST2885)	118.60	14.51
28 46 13 31-0394		**Simplex Fire Alarm** *(28 46 13 31)*		
28 46 13 31-0395		**4100 Fire Alarm Control Panel** *(28 46 13 31-0394)*		
28 46 13 31-0396	EA	4100U Master Controller Assembly With LCD And Operator Interface, 9 Amperes System Power Supply/Battery Charger (SPS), 250 Point IDNet Interface, 3 NACS, Auxiliary Relay And External RUI Communications Interface, 120 Volt AC Input (Simplex 4100-9111)	6,766.88	579.52
28 46 13 31-0397	EA	4100ES NDU With Master Controller, LCD And Operator Interface, Network Interface Module (Select Media Card Separately), 9 Amperes System Power Supply/Battery Charger, And External RUI Communications Interface (Power Supply/Battery Charger Is An SPS With Its IDNet Channel And NACs Disabled), 120 Volt AC Input (Simplex 4100-9141)	7,404.17	579.52
28 46 13 31-0398	EA	4100ES NDU With VCC Includes The First Bay Equipment Described For The NDU And A Second Bay Assembly With Separate: Master Controller For Voice Functions, Network Interface (Select Media Card Separately), And A Standard SPS With 250 Point IDNet Channel; And 3, 3 A Class A/B NACs Capable Of SmartSync Two-Wire Operation, 120 V Input (Simplex 4100-9142)	10,741.95	579.52
28 46 13 31-0399	EA	Up To 127 Points, IDNet Module, (Simplex 4100-3104) Note: Add-on module.	4,262.48	579.52
28 46 13 31-0400	EA	Up To 64 Points, IDNet Module, (Simplex 4100-3105) Note: Add-on module.	3,290.59	579.52
28 46 13 31-0401	EA	Expansion Power Supply, 3 NACs, 120 Volt AC (Simplex 4100-5101) Note: Add-on module.	2,197.03	144.87

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-0402	EA	Alarm Relay, 3 Form C Relays, 2 Amperes At 32 Volt DC, For SPS Or RPS (Simplex 4100-6033) Note: Add-on module.	459.83	28.98
28 46 13 31-0403	EA	Dual Port RS-232 Interface Card (Simplex 4100-6038) Note: Add-on module.	1,329.48	28.98
28 46 13 31-0404		**4100U Backbox** *(28 46 13 31-0394)*		
28 46 13 31-0405	EA	2 Bay Backbox With Glass Door And Dress Panel (Simplex 2975-9425) Note: 24" x 40" beige backbox.	2,293.88	115.91
28 46 13 31-0406	EA	3 Bay Backbox With Glass Door And Dress Panel (Simplex 2975-9443) Note: 24" x 56" beige backbox.	3,239.41	115.91
28 46 13 31-0407		**DACT (Digital Alarm Communicator Transmitter)** *(28 46 13 31-0394)*		
28 46 13 31-0408	EA	6 Zone Fire Control Communicator (Silent Knight SK-5104)	1,256.98	57.95
28 46 13 31-0409		**4010 Fire Alarm Control Panel** *(28 46 13 31-0394)*		
28 46 13 31-0410	EA	120 Volt AC Fire Alarm Control Panel With Door, Cabinet, Power Supply/Battery Charger, IDNet Interface, 4 NACs, 2 Programmable Auxiliary Relays, External N2 Communications Interface, And Internal Common Event Reporting DACT (Simplex 4010-9101)	6,376.22	579.52
28 46 13 31-0411	EA	240 Volt AC Fire Alarm Control Panel With Door, Cabinet, Power Supply/Battery Charger, IDNet Interface, 4 NACs, 2 Programmable Auxiliary Relays, And External N2 Communications Interface (Simplex 4010-9201)	6,182.36	579.52
28 46 13 31-0412	EA	Dual Circuit Class A NAC Adapter Module (Simplex 4010-9806)	233.92	28.98
28 46 13 31-0413	EA	Dual RS-232 Interface Module Expansion Slot Option (Simplex 4010-9811)	1,034.37	28.98
28 46 13 31-0414	EA	Single RS-232 Interface Module With Service Modem Connection Expansion Slot Option (Simplex 4010-9812)	1,424.25	28.98
28 46 13 31-0415	EA	120 Volt AC, 4 Amperes, Expansion Power Supply Expansion Module (Simplex 4010-9813)	729.04	28.98
28 46 13 31-0416	EA	240 Volt AC, 4 Amperes, Expansion Power Supply Expansion Module (Simplex 4010-9823)	789.39	28.98
28 46 13 31-0417	EA	Battery Meter Module Expansion Module (Simplex 4010-9820)	292.57	28.98
28 46 13 31-0418		**Printer** *(28 46 13 31-0394)*		
28 46 13 31-0419	EA	24 Pin Dot Matrix Printer (Simplex 4190-9013)	2,297.33	28.98
28 46 13 31-0420		**NAC Panel / Power Booster** *(28 46 13 31-0394)*		
28 46 13 31-0421	EA	120 Volt AC, IDNet NAC Extender With 4, Class B (Style Y) NACs And 8 Amperes Power Supply (Simplex 4009-9201) Note: Power supply for horns and strobes.	1,460.71	144.87
28 46 13 31-0422		**Battery** *(28 46 13 31-0394)*		
28 46 13 31-0423	EA	50 Ampere Hours Sealed Lead Acid Battery (Simplex 2081-9296) Note: Two required for 24 volt DC.	925.60	28.98
28 46 13 31-0424	EA	33 Ampere Hours Sealed Lead Acid Battery (Simplex 2081-9276) Note: Two required for 24 volt DC.	612.93	28.98
28 46 13 31-0425	EA	6.2 Ampere Hours Sealed Lead Acid Battery (Simplex 2081-9272) Note: Two required for 24 volt DC.	216.90	28.98
28 46 13 31-0426		**Interface Modules** *(28 46 13 31-0394)*		
28 46 13 31-0427	EA	Supervised Individual Addressable Modules (Simplex 4090-9001) Note: Monitor modules for waterflow / tamper, etc.	173.93	28.98
28 46 13 31-0428	EA	Relay Individual Addressable Modules (Simplex 4090-9002) Note: Control modules for gas shutdown, door holders, etc.	366.93	28.98
28 46 13 31-0429	EA	Relay SPDT With LED MR-801/T (Simplex 2088-9032) Note: Interface relay for 120VAC	83.00	28.98
28 46 13 31-0430	EA	SmartSync™ Adapter Module For Non-Addressable Notification Appliance Circuits (NACs) (Simplex 4905-9815)	176.05	28.98
28 46 13 31-0431	EA	Surface Mount Cover Plate For SmartSync Adapter Module (Simplex 4905-9817)	78.01	14.48
28 46 13 31-0432	EA	Flush Mount Cover Plate For SmartSync Adapter Module (Simplex 4905-9818)	73.93	14.48
28 46 13 31-0433		**Pull Stations** *(28 46 13 31-0394)*		
28 46 13 31-0434	EA	Addressable Single Action Manual Pull Station (Simplex 4099-9001)	215.33	28.98
28 46 13 31-0435	EA	N.O. Contacts, Single Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9101)	151.95	28.98
28 46 13 31-0436	EA	N.C. Contacts, Single Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9102)	164.19	28.98
28 46 13 31-0437	EA	Break-Glass, Double Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9103)	146.43	28.98
28 46 13 31-0438	EA	N.O. Contacts, Break-Glass, Double Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9104)	172.38	28.98
28 46 13 31-0439	EA	N.C. Contacts, Break-Glass, Double Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9105)	265.62	28.98
28 46 13 31-0440	EA	Single Action, Pre-Signal, N.O. Contacts, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9107)	221.41	28.98
28 46 13 31-0441	EA	Break-Glass, Pre-Signal, N.O. Contacts, Double Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9108)	262.27	28.98
28 46 13 31-0442	EA	Single Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9754)	117.89	28.98
28 46 13 31-0443	EA	Local Alarm Cover, Single Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9755)	125.37	28.98
28 46 13 31-0444	EA	Push, Double Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9756)	149.45	28.98
28 46 13 31-0445	EA	N.C. Contacts, Push, Double Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9758)	236.98	28.98
28 46 13 31-0446	EA	Pre-Signal, N.O. Contacts, Push, Double Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9759)	416.00	28.98

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-0447	EA	Institutional Cover, Single Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9762)	131.51	28.98
28 46 13 31-0448	EA	Surface Mount Steel Box For Manual Pull Station (Simplex 2975-9178)	82.11	14.48
28 46 13 31-0449		**Weatherproof Pull Stations** *(28 46 13 31-0394)*		
28 46 13 31-0450	EA	Weather Proof Single Action Pull Station, Cast Metal, B Lock, SPST (Simplex 2099-9138)	208.50	34.77
28 46 13 31-0451	EA	Surface Mount Cast Aluminum Box For Exterior Pull Station (Simplex 2975-9211)	136.40	14.48
28 46 13 31-0452		**Heat / Smoke Sensor** *(28 46 13 31-0394)*		
28 46 13 31-0453	EA	32 To 122 Degree F Heat Sensor (Simplex 4098-9733)	207.31	43.46
28 46 13 31-0454	EA	Photoelectric Smoke Sensor (Simplex 4098-9714)	307.62	43.46
28 46 13 31-0455	EA	Sensor Base With Relay Driver (Simplex 4098-9791)	619.41	14.48
28 46 13 31-0456	EA	Standard Sensor Base (Simplex 4098-9792)	312.75	14.48
28 46 13 31-0457	EA	Remote Supervised Relay Accessory For Sensor Base With Relay Driver (Simplex 2098-9737) Note: Relay for 4098-9791	174.68	28.98
28 46 13 31-0458		**Explosion Proof Heat Detector** *(28 46 13 31-0394)*		
28 46 13 31-0459	EA	135 Degree F Explosion Proof Heat Detector (Simplex 2098-9488)	220.14	43.46
28 46 13 31-0460	EA	Explosion Proof Backbox (Killark JLX-21)	147.51	14.48
28 46 13 31-0461	EA	Explosion Proof Backbox Plugs (Killark CUP-2)	13.03	2.90
28 46 13 31-0462		**Weatherproof Heat Detector** *(28 46 13 31-0394)*		
28 46 13 31-0463	EA	194 Degree F Fixed Hardwired Weatherproof Heat Detector (Simplex 2098-9490)	155.68	43.46
28 46 13 31-0464		**200 Degree F Heat Detector** *(28 46 13 31-0394)*		
28 46 13 31-0465	EA	194 Degree F Heat Detector, ROR/Fixed Temperature (Simplex 5604) Note: Used in kiln rooms and kitchens.	126.87	43.46
28 46 13 31-0466		**Duct Smoke Sensor** *(28 46 13 31-0394)*		
28 46 13 31-0467	EA	Duct Sensor Housing (Simplex 4098-9755)	497.59	23.18
28 46 13 31-0468	EA	Duct Sensor Housing With Supervised Output For Multiple Remote Relays, 4-Wire (Simplex 4098-9756) Note: Relay output for AHU shutdown.	665.15	52.16
28 46 13 31-0469	EA	46" To 71" Duct Sampling Tube (Simplex 2098-9798) Note: 25", 49", 73" or 97" sampling tube length.	71.61	14.48
28 46 13 31-0470	EA	Remote Duct Test Station With Key Switch And Red LED Status Indicator (Simplex 2098-9806)	167.84	43.46
28 46 13 31-0471		**Interior Horn** *(28 46 13 31-0394)*		
28 46 13 31-0472	EA	Red With White FIRE Lettering, TrueAlert Addressable Electronic Horn (Simplex 4901-9850)	154.44	43.46
28 46 13 31-0473	EA	White With Red FIRE Lettering, TrueAlert Addressable Electronic Horn (Simplex 4901-9853)	154.44	43.46
28 46 13 31-0474		**Interior Horn Strobe** *(28 46 13 31-0394)*		
28 46 13 31-0475	EA	75Cd, Wall Mounted Horn Strobe, Red (Simplex 4903-9426)	218.18	43.46
28 46 13 31-0476	EA	110Cd, Wall Mounted Horn Strobe, Red (Simplex 4903-9427)	218.18	43.46
28 46 13 31-0477	EA	Wall Mount, Red Housing, White Lettering, Horn And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9127)	203.64	43.46
28 46 13 31-0478	EA	Ceiling Mount, Red Housing, White Lettering, Horn And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9128)	203.64	43.46
28 46 13 31-0479	EA	Wall Mount, White Housing, Red Lettering, Horn And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9129)	203.64	43.46
28 46 13 31-0480	EA	Ceiling Mount, White Housing, Red Lettering, Horn And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9130)	203.64	43.46
28 46 13 31-0481	EA	Weatherproof, Red Housing, White Lettering, Horn And Intensity Selectable (15, 60 Or 75 Candela) Multi-Candela Strobe (Simplex 4906-9131)	208.51	43.46
28 46 13 31-0482	EA	Weatherproof, White Housing, Red Lettering, Horn And Intensity Selectable (15, 60 Or 75 Candela) Multi-Candela Strobe (Simplex 4906-9132)	208.51	43.46
28 46 13 31-0483	EA	Wall Mount, Red Housing, White Lettering, Horn And Intensity Selectable (135, 177 Or 185 Candela) Multi-Candela Strobe (Simplex 4906-9139)	217.09	43.46
28 46 13 31-0484	EA	Ceiling Mount, Red Housing, White Lettering, Horn And Intensity Selectable (135, 177 Or 185 Candela) Multi-Candela Strobe (Simplex 4906-9140)	213.13	43.46
28 46 13 31-0485	EA	Wall Mount, White Housing, Red Lettering, Horn And Intensity Selectable (135, 177 Or 185 Candela) Multi-Candela Strobe (Simplex 4906-9141)	217.09	43.46
28 46 13 31-0486	EA	Ceiling Mount, White Housing, Red Lettering, Horn And Intensity Selectable (135, 177 Or 185 Candela) Multi-Candela Strobe (Simplex 4906-9142)	213.13	43.46
28 46 13 31-0487	EA	Wall Mount, Red Housing, White Lettering, Horn And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Addressable Strobe (Simplex 4906-9227)	203.64	43.46
28 46 13 31-0488	EA	Ceiling Mount, Red Housing, White Lettering, Horn And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Addressable Strobe (Simplex 4906-9228)	203.64	43.46
28 46 13 31-0489	EA	Wall Mount, White Housing, Red Lettering, Horn And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Addressable Strobe (Simplex 4906-9229)	203.64	43.46
28 46 13 31-0490	EA	Ceiling Mount, White Housing, Red Lettering, Horn And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Addressable Strobe (Simplex 4906-9230)	203.64	43.46
28 46 13 31-0491		**Interior Strobe** *(28 46 13 31-0394)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-0492	EA	Wall Mount, Red Housing, White Lettering, Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9101)	172.74	43.46
28 46 13 31-0493	EA	Ceiling Mount, Red Housing, White Lettering, Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9102)	172.74	43.46
28 46 13 31-0494	EA	Wall Mount, White Housing, Red Lettering, Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9103)	172.68	43.46
28 46 13 31-0495	EA	Ceiling Mount, White Housing, Red Lettering, Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9104)	172.74	43.46
28 46 13 31-0496	EA	Weatherproof, Red Housing, White Lettering, Intensity Selectable (15, 60 Or 75 Candela) Multi-Candela Strobe (Simplex 4906-9105)	191.22	43.46
28 46 13 31-0497	EA	Weatherproof, White Housing, Red Lettering, Intensity Selectable (15, 60 Or 75 Candela) Multi-Candela Strobe (Simplex 4906-9106)	191.22	43.46
28 46 13 31-0498	EA	Wall Mount, Red Housing, White Lettering, Intensity Selectable (135, 177 Or 185 Candela) Multi-Candela Strobe (Simplex 4906-9109)	192.40	43.46
28 46 13 31-0499	EA	Ceiling Mount, Red Housing, White Lettering, Intensity Selectable (135, 177 Or 185 Candela) Multi-Candela Strobe (Simplex 4906-9110)	195.62	43.46
28 46 13 31-0500	EA	Wall Mount, White Housing, Red Lettering, Intensity Selectable (135, 177 Or 185 Candela) Multi-Candela Strobe (Simplex 4906-9111)	195.62	43.46
28 46 13 31-0501	EA	Ceiling Mount, White Housing, Red Lettering, Intensity Selectable (135, 177 Or 185 Candela) Multi-Candela Strobe (Simplex 4906-9112)	195.62	43.46
28 46 13 31-0502	EA	Wall Mount, Red Housing, White Lettering, Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Addressable Strobe (Simplex 4906-9201)	172.74	43.46
28 46 13 31-0503	EA	Ceiling Mount, Red Housing, White Lettering, Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Addressable Strobe (Simplex 4906-9202)	172.74	43.46
28 46 13 31-0504	EA	Wall Mount, White Housing, Red Lettering, Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Addressable Strobe (Simplex 4906-9203)	172.74	43.46
28 46 13 31-0505	EA	Ceiling Mount, White Housing, Red Lettering, Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Addressable Strobe (Simplex 4906-9204)	172.74	43.46
28 46 13 31-0506		**Interior Speakers** *(28 46 13 31-0394)*		
28 46 13 31-0507	EA	Red With White FIRE Lettering, Wall Mount Speaker, Rectangular Housing (Simplex 4902-9716)	138.79	43.46
28 46 13 31-0508	EA	White With Red FIRE Lettering, Wall Mount Speaker, Rectangular Housing (Simplex 4902-9717)	138.79	43.46
28 46 13 31-0509	EA	Ceiling Or Wall Mount, Round Housing Speaker (Simplex 4902-9721)	138.79	43.46
28 46 13 31-0510		**Interior Speaker Strobe** *(28 46 13 31-0394)*		
28 46 13 31-0511	EA	Red Housing, White Lettering, Multi-Tapped Speaker And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9151)	232.58	43.46
28 46 13 31-0512	EA	White Housing, Red Lettering, Multi-Tapped Speaker And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9153)	232.58	43.46
28 46 13 31-0513		**Surge Suppressors** *(28 46 13 31-0394)*		
28 46 13 31-0514	EA	Overvoltage Suppressor (Simplex 2081-9044)	154.96	8.69
28 46 13 31-0515	EA	Isolated Loop Circuit Protector (Simplex 2081-9028)	98.35	8.69
28 46 13 31-0516	EA	120 Volt AC, 20 Amperes, Multi Stage Hybrid Surge Protector With EMI/RFI Filtering (Ditek 120S20A)	334.34	8.69
28 46 13 31-0517	EA	24 Volt AC, Data And Loop Circuit Surge Protector (Ditek DTK-2MHLP24B)	112.93	8.69
28 46 13 31-0518	EA	Mounting Base For Two DTK-2MHLP (Ditek DTK-2MB)	169.85	14.48
28 46 13 31-0519	EA	120 Volt AC, 22,500 Amperes, Equipment Panel/Dedicated Circuit Surge Protector (Ditek DTK-120HW)	115.83	8.69
28 46 13 31-0520	EA	<105 Volt AC, 9,000 Amperes, RJ31 Connection, Alarm Dialer Surge Protection (Ditek DTK-MRJ31SCWP)	86.65	8.69
28 46 13 31-0521		**Boxes And Adapters** *(28 46 13 31-0394)*		
28 46 13 31-0522	EA	Semi-Flush Mount Modular Adapter Using Standard 4" Square Electrical Box (Simplex 4905-9921)	73.93	14.48
28 46 13 31-0523	EA	Surface Mount Modular Adapter Using Simplex Box (Simplex 4905-9925)	69.84	14.48
28 46 13 31-0524	EA	Red, Surface Mount Adapter Skirt (Simplex 4905-9937)	61.83	14.48
28 46 13 31-0525	EA	White, Surface Mount Adapter Skirt (Simplex 4905-9940)	50.46	14.48
28 46 13 31-0526		**Accessories** *(28 46 13 31-0394)*		
28 46 13 31-0527	EA	End-Of-Line Resistor Harness, 10 k Ohms, 1/2 Watt, Two Required, One Each For Audible And Visible Output (Simplex 4081-9008)	33.73	14.48
28 46 13 31-0528		**Siemens Fire Alarm** *(28 46 13 31)*		
28 46 13 31-0529		**Conventional Control Panels** *(28 46 13 31-0528)*		
28 46 13 31-0530		**SXL Batteries And Power Supplies** *(28 46 13 31-0529)*		
28 46 13 31-0531	EA	6 Amperes Notification Appliance Circuit Expander With Built-In Auxiliary Power Output (Siemens PAD-3)	1,313.29	57.95
28 46 13 31-0532	EA	Main Board Only For PAD-3 (Siemens PAD-3-MB)	1,055.03	57.95
28 46 13 31-0533		**Digital Fire Communicators** *(28 46 13 31-0529)*		
28 46 13 31-0534	EA	Four Channel Digital Slave Fire Communicator (Siemens 5129)	1,020.99	57.95
28 46 13 31-0535		**Addressable Control Panels** *(28 46 13 31-0528)*		
28 46 13 31-0536		**Fireseeker Equipment** *(28 46 13 31-0535)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-0537		**FS-250 System Panels** *(28 46 13 31-0536)*		
28 46 13 31-0538	EA	FS-250 Electronics Package Including One FS-250-CON And Two FS-NPE, Excludes Enclosure (Siemens FS-250-EKIT) Note: FS-250-CON is an electronics package for releasing water or agent. FS-NPE is a system transformer.	3,056.06	579.52
28 46 13 31-0539	EA	FS-250 Electronics Package Including One FS-250-CON, Two FS-NPE, One FS-RPT And One FS-REL, Excludes Enclosure (Siemens FS-250-REL-EKIT) Note: FS-250-CON is an electronics package for releasing water or agent. FS-NPE is a system transformer. FS-RPT is a releasing power transformer. FS-REL is a Releasing Module.	3,844.92	579.52
28 46 13 31-0540	EA	FS-250-SRX Releasing Electronics Package Including One FS-250-CON2-SRX, Two FS-NPE, One FS-RPT And One FS-REL, Excludes Enclosure (Siemens FS-250-SRX-EKIT) Note: FS-250-CON2-SRX is an electronics package for releasing water or agent. FS-NPE is a system transformer. FS-RPT is a releasing power transformer. FS-REL is a Releasing Module.	2,265.47	463.61
28 46 13 31-0541	EA	Electronics Package For Releasing Water Or Agent (Siemens FS-250-CON)	3,060.76	579.52
28 46 13 31-0542		**FS-250 Optional Modules** *(28 46 13 31-0536)*		
28 46 13 31-0543	EA	Main Board Module (Siemens FS-MB2)	1,322.68	57.95
28 46 13 31-0544	EA	Display Board Module (Siemens FS-DB2)	1,034.63	28.98
28 46 13 31-0545	EA	Device Loop Card (Siemens FS-DLC)	846.81	28.98
28 46 13 31-0546	EA	Releasing Module (Siemens FS-REL)	372.56	28.98
28 46 13 31-0547	EA	Remote LCD Annunciator (Siemens FS-RD2)	840.94	28.98
28 46 13 31-0548	EA	Relay Processor Card (Siemens FS-RU2)	729.42	28.98
28 46 13 31-0549	EA	Relay Expander Board (Siemens FS-RE8)	621.42	28.98
28 46 13 31-0550	EA	Serial Annunciator Processor Card (Siemens FS-SAU2)	840.94	28.98
28 46 13 31-0551	EA	16 Output Annunciator Extender (Siemens FS-SAE16)	654.29	28.98
28 46 13 31-0552	EA	Digital Alarm Communication Transmitter (Siemens FS-DACT)	594.42	28.98
28 46 13 31-0553	EA	Municipal Tie Module (Siemens FS-MT)	504.03	28.98
28 46 13 31-0554	EA	Configuration Tool Including Laptop To FS-250 Cable And Software (Siemens FS-CT2)	452.82	
28 46 13 31-0555	EA	Programming Cable Kit (Siemens CBL-UD)	119.37	14.48
28 46 13 31-0556	EA	Notification Appliance Circuit Power Expander Transformer (Siemens FS-NPE)	214.08	28.98
28 46 13 31-0557	EA	Releasing Power Transformer (Siemens FS-RPT-A)	217.60	28.98
28 46 13 31-0558	EA	Surface Mounted Box For Remote LCD Annunciator (Siemens FS-RD-SB)	248.27	23.18
28 46 13 31-0559	EA	Cabinet Trim Kit (Siemens RD-CAB-TK)	409.32	14.48
28 46 13 31-0560		**Firefinder Systems** *(28 46 13 31-0535)*		
28 46 13 31-0561		**XLS Basic Fire System Packages Without Backbox** *(28 46 13 31-0560)*		
28 46 13 31-0562	EA	500 Point Firefinder Package Including Two DLC, One PMI, One ZIC-4A, One CC-5, One PSC-12 And One ID-SP (Siemens XLS-500-ID-SP) Note: DLC is a device loop card. PMI is a person machine interface. ZIC-4A is a four circuit zone indicating card. CC-5 is a five slot card cage. PSC-12 is a 12 Amp power supply charger module. ID-SP is an inner door blank single plate.	10,949.76	579.52
28 46 13 31-0563	EA	250 Point Firefinder Package Including One DLC, One PMI, One ZIC-4A, One CC-5, One PSC-12 And One ID-SP (Siemens XLS-250-ID-SP) Note: DLC is a device loop card. PMI is a person machine interface. ZIC-4A is a four circuit zone indicating card. CC-5 is a five slot card cage. PSC-12 is a 12 Amp power supply charger module. ID-SP is an inner door blank single plate.	9,609.16	579.52
28 46 13 31-0564	EA	250 Point Firefinder Package Including One DLC, One PMI-INT, One ZIC-4A, One CC-5, One PSC-12 And One ID-SP (Siemens XLS-250-INT-ID-SP) Note: DLC is a device loop card. PMI-INT is a person machine interface with multilingual overlays. ZIC-4A is a four circuit zone indicating card. CC-5 is a five slot card cage. PSC-12 is a 12 Amp power supply charger module. ID-SP is an inner door blank single plate.	9,609.16	579.52
28 46 13 31-0565	EA	250 Point Firefinder Package Including One DLC, One PMI, One ZIC-4A, One CC-5, One PSC-12, One CAB2-BD And One OD-LP (Siemens XLS-250-CAB2-BD) Note: DLC is a device loop card. PMI is a person machine interface. ZIC-4A is a four circuit zone indicating card. CC-5 is a five slot card cage. PSC-12 is a 12 Amp power supply charger module. CAB2-BD is a two row inner and outer door set. OD-LP is an outer door clear plastic lens plate.	16,272.22	579.52
28 46 13 31-0566	EA	250 Point Firefinder Package Including One DLC, One PMI, One ZIC-4A, One CC-5, One PSC-12, One CAB3-BD, One BCL, One ID-SP And One OD-LP (Siemens XLS-250-CAB3-BD) Note: DLC is a device loop card. PMI is a person machine interface. ZIC-4A is a four circuit zone indicating card. CC-5 is a five slot card cage. PSC-12 is a 12 Amp power supply charger module. CAB3-BD is a three row inner and outer door set. ID-SP is an inner door blank single plate. OD-LP is an outer door clear plastic lens plate.	16,828.65	579.52
28 46 13 31-0567	EA	250 Point Firefinder Package Including One DLC, One PMI, One ZIC-4A, One CC-5, And One PSC-12 (Siemens XLS-250-ZIC4A-EP) Note: DLC is a device loop card. PMI is a person machine interface. ZIC-4A is a four circuit zone indicating card. CC-5 is a five slot card cage. PSC-12 is a 12 Amp power supply charger module.	9,474.16	579.52
28 46 13 31-0568	EA	250 Point Firefinder Package Including One DLC, One PMI-INT, One ZIC-4A, One CC-5, And One PSC-12 (Siemens XLS-250-ZIC4A-INT-EP) Note: DLC is a device loop card. PMI-INT is a person machine interface with multilingual overlays. ZIC-4A is a four circuit zone indicating card. CC-5 is a five slot card cage. PSC-12 is a 12 Amp power supply charger module.	9,474.16	579.52
28 46 13 31-0569	EA	250 Point Firefinder Package Including One DLC, One PMI, One ZIC-8B, One CC-5, And One PSC-12 (Siemens XLS-250-ZIC8B-EP) Note: DLC is a device loop card. PMI is a person machine interface. ZIC-8B is an eight circuit zone indicating card. CC-5 is a five slot card cage. PSC-12 is a 12 Amp power supply charger module.	11,042.49	579.52
28 46 13 31-0570		**Firefinder - XLS Basic System Equipment** *(28 46 13 31-0560)*		
28 46 13 31-0571	EA	Person Machine Interface With Central Processor (Siemens PMI) Note: Includes inner door.	5,071.65	579.52
28 46 13 31-0572	EA	Person Machine Interface With Central Processor, DE-2 And DPU (Siemens PMI-DPU-ENC) Note: Includes inner door.	8,535.83	579.52

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28 46 13 31-0573	EA	Person Machine Interface With Multilingual Overlays And Central Processor (Siemens PMI-INT) Note: Includes inner door.	5,071.65	579.52
28 46 13 31-0574	EA	Two Slot Card Cage (Siemens CC-2)	640.20	28.98
28 46 13 31-0575	EA	Five Slot Card Cage (Siemens CC-5)	1,087.46	28.98
28 46 13 31-0576	EA	Four Circuit Zone Indicating Card (Siemens ZIC-4A)	1,557.02	28.98
28 46 13 31-0577	EA	Eight Circuit Zone Indicating Card (Siemens ZIC-8B)	1,626.28	28.98
28 46 13 31-0578	EA	Two Channel Adapter Card For ZIC-8B (Siemens ZIC-2C)	508.73	28.98
28 46 13 31-0579	EA	Device Loop Card (Siemens DLC) Note: Interfaces with up to 252 detectors and devices.	1,846.97	28.98
28 46 13 31-0580	EA	Controllable Relay Card (Siemens CRC-6) Note: Provides six programmable relays.	1,042.85	28.98
28 46 13 31-0581	EA	12 Amperes Power Supply Charger Module (Siemens PSC-12)	3,970.56	28.98
28 46 13 31-0582	EA	Person Machine Interface With Central Processor And GPMI-UK Software Upgrade Kit (Siemens GPMI) Note: Software kit provides interface with multiple FireFinder XLS and MXL systems.	6,637.63	579.52
28 46 13 31-0583	EA	Network Interface Card (Siemens NIC-C) Note: Provides HNET Or XNET communication between enclosures.	1,221.28	28.98
28 46 13 31-0584	EA	12 Amperes Power Supply Extender (Siemens PSX-12) Note: Extends PSC-12 with an additional 24 volt DC.	3,301.44	28.98
28 46 13 31-0585	EA	Power Termination Board (Siemens PTB) Note: Used with systems requiring more than one PSX-12.	550.99	28.98
28 46 13 31-0586	EA	Conventional Detector Card (Siemens CDC-4)	1,176.68	28.98
28 46 13 31-0587	EA	Multi-Mode Network Fiber Optic Interface Module (Siemens D2300CPS)	2,311.84	28.98
28 46 13 31-0588	EA	Single-Mode Network Fiber Optic Interface Module (Siemens D2325CPS)	8,331.60	28.98
28 46 13 31-0589		**Remote Lobby Enclosure** *(28 46 13 31-0560)*		
28 46 13 31-0590	EA	14-1/2" x 18-1/2" x 5" Two Module Remote Enclosure (Siemens REMBOX2) Note: Flush mounted. Includes clear lens plate on cover.	1,507.84	115.91
28 46 13 31-0591	EA	24" x 18-1/2" x 5" Four Module Remote Enclosure (Siemens REMBOX4) Note: Flush mounted. Includes clear lens plate on cover.	1,953.92	115.91
28 46 13 31-0592	EA	Optional Mounting Plate For REMBOX2 (Siemens REMBOX2-MP) Note: Required to mount up to four SIM-16 or OCM-16 modules.	237.56	28.98
28 46 13 31-0593	EA	Optional Mounting Plate For REMBOX4 (Siemens REMBOX4-MP) Note: Required to mount up to eight SIM-16 or OCM-16 modules.	259.86	28.98
28 46 13 31-0594		**Battery Enclosures** *(28 46 13 31-0560)*		
28 46 13 31-0595	EA	Enclosure For 100 Ampere Hours Batteries (Siemens CAB-BATT)	925.58	115.91
28 46 13 31-0596		**Graphic Annunciator Output Drivers And Inputs** *(28 46 13 31-0560)*		
28 46 13 31-0597	EA	Output Control Module (Siemens OCM-16)	751.72	28.98
28 46 13 31-0598	EA	Supervised Input Module (Siemens SIM-16)	751.72	28.98
28 46 13 31-0599		**Remote LCD Displays** *(28 46 13 31-0560)*		
28 46 13 31-0600	EA	Remote LED/LCD System Status Display (Siemens SSD) Note: No control or menu capability.	1,738.66	86.93
28 46 13 31-0601	EA	Remote LED/LCD System Status Display, Buttons To Acknowledge Events, Silence Audible Circuits And Resetting (Siemens SSD-C)	1,962.87	86.93
28 46 13 31-0602		**Voice Equipment** *(28 46 13 31-0560)*		
28 46 13 31-0603	EA	40 Watts Zone Amplifier Card (Siemens ZAC-40)	1,738.97	28.98
28 46 13 31-0604	EA	180 Watts Zone Amplifier Module (Siemens ZAM-180)	3,860.21	28.98
28 46 13 31-0605	EA	Live Voice Module (Siemens LVM) Note: Includes a dynamic microphone with a push-to-talk switch and ready-to-page indicator light, as well as a small local speaker and volume control for monitoring audio signals.	1,622.76	28.98
28 46 13 31-0606		**MXL Series Equipment** *(28 46 13 31-0535)*		
28 46 13 31-0607		**MXL Optional Equipment** *(28 46 13 31-0606)*		
28 46 13 31-0608	EA	Two Circuit Analog Loop Driver (Siemens ALD-2I)	1,867.37	57.95
28 46 13 31-0609	EA	CXL/MXL Interface Module (Siemens CMI-300)	4,847.46	28.98
28 46 13 31-0610	EA	Four Relay Programmable Relay Module (Siemens CRM-4)	828.03	28.98
28 46 13 31-0611	EA	Two Circuit Controllable Signal/Releasing Module (Siemens CSM-4)	1,000.59	28.98
28 46 13 31-0612	EA	Remote Conventional Zone Module (Siemens CZM-1B6)	373.73	28.98
28 46 13 31-0613	EA	Short Circuit Line Isolator Module (Siemens Model LIM-1)	229.34	28.98
28 46 13 31-0614	EA	Four Circuit Conventional Zone Module (Siemens CZM-4)	973.59	28.98
28 46 13 31-0615	EA	12" x 16" x 3" Enclosure For PAD-3 (Siemens EN-PAD)	345.19	43.46
28 46 13 31-0616	EA	Lexan Window For RCC (Siemens GENBOX-WD)	235.36	23.18
28 46 13 31-0617	EA	Input Driver Module (Siemens MID-16)	636.68	28.98
28 46 13 31-0618	EA	Programmable Output Driver Module (Siemens MOD-16)	636.68	28.98
28 46 13 31-0619	EA	MXL Output/Input Module (Siemens MOI-7)	1,021.72	28.98
28 46 13 31-0620	EA	Two Slot Network Option Module Card Cage (Siemens MOM-2)	541.60	28.98
28 46 13 31-0621	EA	Four Slot Network Option Module Card Cage (Siemens MOM-4)	855.03	28.98
28 46 13 31-0622	EA	12 Amperes, 220 Volt AC, Power Supply For MXL (Siemens MPS-12/220)	2,100.22	86.93
28 46 13 31-0623	EA	12 Amperes, 240 Volt AC, Power Supply For MXL (Siemens MPS-12/240)	2,100.22	86.93
28 46 13 31-0624	EA	Network Interface Module (Siemens NIM-1W)	1,526.50	28.98
28 46 13 31-0625	EA	U.L. Listed Parallel Printer (Siemens PAL-1)	3,988.29	115.91

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-0626	EA	Peripheral Interface Module, Model PIM-1 (Siemens 500-691324)	444.16	28.98
28 46 13 31-0627	EA	Surface Mounted Remote Command Center (Siemens RCC-1)	4,287.48	579.52
28 46 13 31-0628	EA	Enclosure And Door With Lens For RCC-1 (Siemens RCC-1DL)	530.30	57.95
28 46 13 31-0629	EA	Flush Mounted Remote Command Center (Siemens RCC-1F)	4,287.48	579.52
28 46 13 31-0630	EA	Enclosure And Door With Lens For RCC-1F (Siemens RCC-1FDL)	544.38	57.95
28 46 13 31-0631	EA	Remote Control Center With System Control Functions And Sequential Event Display (Siemens RCC-2)	3,272.06	579.52
28 46 13 31-0632	EA	MXL/MXLV Remote Annunciator/Keyboard With Enhanced Display (Siemens RCC-3)	4,949.56	579.52
28 46 13 31-0633	EA	RCC-2/RSE-1 Trim Ring (Siemens RCF-1)	81.81	14.48
28 46 13 31-0634	EA	Remote Diagnostics Module For MXL (Siemens RDM-MXL)	6,220.19	57.95
28 46 13 31-0635	EA	Remote Diagnostics Module For PC (Siemens RDM-PC)	13,260.07	57.95
28 46 13 31-0636	EA	Releasing End Of Line Module (Siemens REL-EOL)	185.91	28.98
28 46 13 31-0637	EA	36 Zone Tabular Graphic Annunciator With Restart System Key (Siemens RSA-MBSC)	3,962.78	57.95
28 46 13 31-0638	EA	36 Zone Tabular Graphic Annunciator (Siemens RSA-MBTL)	3,783.17	57.95
28 46 13 31-0639	EA	8-3/8" x 6-1/4" Remote Control Enclosure (Siemens RSE-1)	1,993.83	115.91
28 46 13 31-0640		**Complete MXL And MXLV System Packages Without Enclosure** *(28 46 13 31-0606)*		
28 46 13 31-0641	EA	MXL System Electronics Package Including One MMB-3, One Display/Control Keyboard, One MDL-1, One MKB-2, One Mps-6, One MOM-2, One ALD-2I And One PIM-1 (Siemens MXL-SS-EP) Note: MMB-3 is a MXL/MXLV main control board. MDL-1 is a clear lens. MKB-2 is a MXL/MXLV display/keyboard module with hinged frame. MPS-6 is a 6 Amp power supply for MXL. MOM-2 is a two slot network option module card cage. ALD-2I is a two circuit analog loop driver. PIM-1 is a peripheral interface module.	14,348.20	579.52
28 46 13 31-0642	EA	MXL Voice System Electronics Package Including One MMB-3, One MKB-2, One MPS-6, One ACM-1, One TBM-2, One MMM-1, One OMM-2, One ZAC-30, One OCC-1, One MHD-5, One VSM-1 And Four VSB-1 (Siemens MXLV-SS-EP) Note: MMB-3 is a MXL/MXLV main control board. MKB-2 is a MXL/MXLV display/keyboard module with hinged frame. MPS-6 is a 6 Amp power supply for MXL. ACM-1 is an audio control module. TBM-2 is a voice terminal module. MMM-1 is a master microphone module. OMM-2 is a two half width slot card cage. ZAC-30 is a MXLV zone amplifier card. OCC-1 is a MXLV output control card. MHD-5 is a deadfront panel for MSE-2 backbox. VSM-1 is an eight switch module. VSB-1 is a module blank with overlay.	18,747.97	579.52
28 46 13 31-0643	EA	MXLV Demonstration Panel (Siemens MXLV DEMO)	39,295.92	579.52
28 46 13 31-0644		**MXL Basic System** *(28 46 13 31-0606)*		
28 46 13 31-0645	EA	MXL/MXLV Main Control Board (Siemens MMB-3)	8,812.08	579.52
28 46 13 31-0646	EA	MXL System Electronics Package Including One MMB-3, One DE-2 And One DPU (Siemens MMB-DPU-ENCL) Note: MMB-3 is a MXL/MXLV main control board. DE-2 is an enclosure for document storage. DPU is a handheld device programming and testing unit.	11,440.45	579.52
28 46 13 31-0647	EA	MXL/MXLV Display/Keyboard Module With Hinged Frame (Siemens MKB-2)	3,340.61	57.95
28 46 13 31-0648	EA	MXL/MXLV Keyboard With Enhanced Display With Hinged Frame (Siemens MKB-5)	4,188.17	57.95
28 46 13 31-0649	EA	6 Amperes Power Supply For MXL (Siemens MPS-6)	1,441.66	86.93
28 46 13 31-0650	EA	220/240 Volt AC Adapter Cable (Siemens CIA-12)	105.28	14.48
28 46 13 31-0651		**MXL/MXLR System Expansion Accessories** *(28 46 13 31-0606)*		
28 46 13 31-0652	EA	MXL Remote Power Supply Module (Siemens PSR-1)	1,773.88	86.93
28 46 13 31-0653	EA	Style 4 Communication Module (Siemens NET-4)	361.99	28.98
28 46 13 31-0654	EA	Style 7 Communication Module (Siemens NET-7)	663.68	28.98
28 46 13 31-0655	EA	MXL/MXL-IQ/MXLV Intelligent Control Point, B6 Chip (Siemens ICP-B6)	396.03	28.98
28 46 13 31-0656		**Peripheral Devices** *(28 46 13 31-0535)*		
28 46 13 31-0657		**Thermal Detectors** *(28 46 13 31-0656)*		
28 46 13 31-0658	EA	Rate Of Rise And 135 Degree F Fixed Temperature Thermal Detector (Siemens DT-135R)	144.45	43.46
28 46 13 31-0659	EA	Rate Of Rise And 200 Degree F Fixed Temperature Thermal Detector (Siemens DT-200R)	144.45	43.46
28 46 13 31-0660	EA	135 Degree F Fixed Temperature Thermal Detector (Siemens DT-135F)	144.45	43.46
28 46 13 31-0661	EA	200 Degree F Fixed Temperature Thermal Detector (Siemens DT-200F)	144.45	43.46
28 46 13 31-0662	EA	Weatherproof 135 Degree F Rate Compensation/Fixed Temperature Thermal Detector (Siemens DT-135WP)	232.49	43.46
28 46 13 31-0663	EA	Weatherproof 200 Degree F Rate Compensation/Fixed Temperature Thermal Detector (Siemens DT-200WP)	232.49	43.46
28 46 13 31-0664	EA	Explosion Proof 190 Degree F Rate Compensation/Fixed Temperature Thermal Detector (Siemens DT-190EP)	588.19	43.46
28 46 13 31-0665		**Beam Smoke Detector** *(28 46 13 31-0656)*		
28 46 13 31-0666	EA	Linear Beam Smoke Detector (Siemens PBA-1191)	2,811.91	43.46
28 46 13 31-0667	EA	Base For Linear Beam Smoke Detector (Siemens PBB-1191)	320.11	14.48
28 46 13 31-0668	EA	20cm x 20cm Flat Reflector For Linear Beam Smoke Detector (Siemens PBR-1192)	323.63	14.48
28 46 13 31-0669	EA	10cm x 10cm Flat Reflector For Linear Beam Smoke Detector (Siemens PBR-1193)	163.98	14.48
28 46 13 31-0670		**Bases For Detectors** *(28 46 13 31-0656)*		
28 46 13 31-0671	EA	Detector Base (Siemens DB-11)	46.59	14.48
28 46 13 31-0672	EA	Universal Base (Siemens DB-3S)	43.07	14.48
28 46 13 31-0673		**Manual Stations** *(28 46 13 31-0656)*		
28 46 13 31-0674	EA	Weatherproof Metal Manual Pull Station With Key (Siemens MSM-K-WP)	350.10	34.77
28 46 13 31-0675		**Addressable Devices** *(28 46 13 31-0535)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-0676		**Intelligent Detectors And Devices For Firefinder XLS And FS-250** *(28 46 13 31-0675)*		
28 46 13 31-0677	EA	Addressable Fireprint Fire Detector (Siemens HFP-11)	288.84	43.46
28 46 13 31-0678	EA	Addressable Thermal Fire Detector (Siemens HFPT-11)	247.75	43.46
28 46 13 31-0679	EA	Relay Base For H-Series Intelligent Detectors (Siemens DB-HR)	199.62	43.46
28 46 13 31-0680	EA	Ceiling Mounted Remote Alarm Indicator (Siemens RL-HC)	130.36	43.46
28 46 13 31-0681	EA	Wall Mounted Remote Alarm Indicator (Siemens RL-HW)	130.36	43.46
28 46 13 31-0682	EA	Addressable Single Action Manual Pull Station (Siemens HMS-S)	305.64	28.98
28 46 13 31-0683	EA	Addressable Double Action Manual Pull Station (Siemens HMS-D)	291.56	28.98
28 46 13 31-0684	EA	Single Input Intelligent Initiating Devices Interface Module (Siemens HTRI-S)	229.34	28.98
28 46 13 31-0685	EA	Dual Input Intelligent Initiating Devices Interface Module (Siemens HTRI-D)	282.16	28.98
28 46 13 31-0686	EA	Single Input Intelligent Initiating Devices Interface Module With Relay (Siemens HTRI-R)	282.16	28.98
28 46 13 31-0687	EA	Mini Single Input Intelligent Initiating Devices Interface Module (Siemens HTRI-M)	211.73	28.98
28 46 13 31-0688	EA	Line Isolator Module (Siemens HLIM)	218.77	28.98
28 46 13 31-0689	EA	Remote Convention Zone Module (Siemens HZM)	326.77	28.98
28 46 13 31-0690	EA	Intelligent Control Point Module (Siemens HCP)	415.99	28.98
28 46 13 31-0691	EA	Handheld Programming And Testing Unit (Siemens DPU)	1,860.26	
28 46 13 31-0692	EA	DPU Carrying Case (Siemens DPU-C1)	285.04	
28 46 13 31-0693	EA	Label Printer And Carrying Case (Siemens DPU-PRT)	3,185.22	28.98
28 46 13 31-0694		**Air Duct Housings And Detectors** *(28 46 13 31-0675)*		
28 46 13 31-0695	EA	Air-Duct Housing (Siemens AD2-P)	336.31	23.18
28 46 13 31-0696	EA	Air-Duct Housing With Relay (Siemens AD2-XHR)	380.92	23.18
28 46 13 31-0697	EA	Weatherproof Enclosure For Duct Housing (Siemens WP-2000)	303.30	28.98
28 46 13 31-0698	EA	6" To 1' Duct Sampling Tube (Siemens ST-10)	40.87	8.69
28 46 13 31-0699	EA	>1' To 3' Duct Sampling Tube (Siemens ST-25)	50.18	11.59
28 46 13 31-0700	EA	>3' To 5' Duct Sampling Tube (Siemens ST-50)	63.02	14.48
28 46 13 31-0701	EA	>5' To 10' Duct Sampling Tube (Siemens ST-100)	73.51	17.39
28 46 13 31-0702		**Intelligent Initiating Devices For MXL, MXL-LQ And MXLV** *(28 46 13 31-0675)*		
28 46 13 31-0703	EA	Addressable Fireprint Fire Detector (Siemens FP-11)	301.75	43.46
28 46 13 31-0704	EA	Addressable Thermal Fire Detector (Siemens FPT-11)	258.32	43.46
28 46 13 31-0705	EA	Intelligent Ionization Smoke Detector (Siemens ILI-1)	334.62	43.46
28 46 13 31-0706	EA	Addressable Single Action Manual Pull Station (Siemens MSI-10B)	297.43	28.98
28 46 13 31-0707	EA	Addressable Double Action Manual Pull Station (Siemens MSI-20B)	329.12	28.98
28 46 13 31-0708	EA	Single Input Intelligent Initiating Devices Interface Module (Siemens TRI-S)	300.95	28.98
28 46 13 31-0709	EA	Dual Input Intelligent Initiating Devices Interface Module (Siemens TRI-D)	333.82	28.98
28 46 13 31-0710	EA	Single Input Intelligent Initiating Devices Interface Module With Relay (Siemens TRI-R)	333.82	28.98
28 46 13 31-0711		**Detector Universal Bases** *(28 46 13 31-0675)*		
28 46 13 31-0712	EA	Detector Base With Relay (Siemens DB-X11RS)	140.50	14.48
28 46 13 31-0713	EA	PE-11 To DB-3 Base Adapter (Siemens DB-ADPT)	70.07	14.48
28 46 13 31-0714	EA	Locking Kit (Siemens LK-11)	12.53	
28 46 13 31-0715	EA	Detector Base With Relay (Siemens DB-X3RS)	140.50	14.48
28 46 13 31-0716	EA	Audible Base For Addressable Fireprint Fire Detector (Siemens ADBX-11)	163.98	14.48
28 46 13 31-0717	EA	Retrofit Adapter Box For Audible Bases Ionization Detector Air Duct (Siemens ADB-BOX)	66.54	14.48
28 46 13 31-0718	EA	Flush Trim Ring For Bases (Siemens RA-ADB)	31.48	8.69
28 46 13 31-0719	EA	Seal For DB-11 (Siemens DB11-SEAL)	15.36	
28 46 13 31-0720	EA	Gasket For DB-11 (Siemens DB-SEAL)	16.91	
28 46 13 31-0721	EA	Detector Guard Housing (Siemens DGH-11)	207.41	14.48
28 46 13 31-0722	EA	Small Detector Base (Siemens DB-11E)	51.28	14.48
28 46 13 31-0723	EA	Audible Base For Series 3 (Siemens ADBI-60A)	185.11	14.48
28 46 13 31-0724	EA	Base Plug (Siemens DB-11-DP)	12.48	
28 46 13 31-0725		**Air Duct Smoke Detectors** *(28 46 13 31-0675)*		
28 46 13 31-0726	EA	Intelligent Remote Duct Relay Module (Siemens DA-X3SR)	153.04	28.98
28 46 13 31-0727	EA	Weatherproof Enclosure For Duct Housing (Siemens EAD-3)	817.46	28.98
28 46 13 31-0728		**Notification Devices** *(28 46 13 31-0535)*		
28 46 13 31-0729		**Synchronization Control Devices** *(28 46 13 31-0728)*		
28 46 13 31-0730	EA	Dual Synchronization Control Module (Siemens DSC)	229.34	28.98
28 46 13 31-0731		**Stand Alone Strobes** *(28 46 13 31-0728)*		
28 46 13 31-0732	EA	Wall Mounted Multi-Candela Strobe (Siemens ZR-MC-R)	186.71	43.46
28 46 13 31-0733	EA	Wall Mounted High, Multi-Candela Strobe (Siemens ZR-HMC-R)	204.32	43.46
28 46 13 31-0734	EA	Ceiling Mounted Multi-Candela Strobe (Siemens ZR-MC-CR)	186.71	43.46
28 46 13 31-0735	EA	Ceiling Mounted High, Multi-Candela Strobe (Siemens ZR-HMC-CR)	204.32	43.46
28 46 13 31-0736	EA	Ceiling Mounted High Multi-Candela Strobe (Siemens ST-HMC-CW)	204.32	43.46
28 46 13 31-0737	EA	Ceiling Mounted Multi-Candela Strobe (Siemens ST-MC-CW)	186.71	43.46
28 46 13 31-0738	EA	Retrofit Plate Multi-Candela Strobe (Siemens ST-MC-RETRO-R)	217.23	43.46
28 46 13 31-0739	EA	Weatherproof Ceiling Mounted Strobe (Siemens ST-75-CR-WP)	207.84	43.46
28 46 13 31-0740	EA	Weatherproof Wall Mounted Strobe (Siemens ST-75-R-WP)	207.84	43.46
28 46 13 31-0741	EA	Weatherproof Ceiling Mounted High Multi-Candela Strobe (Siemens ST-HMC-CR-WP)	223.10	43.46

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-0742	EA	Weatherproof Wall Mounted High Multi-Candela Strobe (Siemens ST-HMC-R-WP)	223.10	43.46
28 46 13 31-0743		**Horns And Strobes** *(28 46 13 31-0728)*		
28 46 13 31-0744	EA	Wall Mounted Multi-Candela Horn/Strobe (Siemens SE-MC-R)	255.97	43.46
28 46 13 31-0745	EA	Wall Mounted High Multi-Candela Horn/Strobe (Siemens SE-HMC-R)	271.23	43.46
28 46 13 31-0746	EA	Wall Mounted Horn (Siemens SE-R)	144.45	43.46
28 46 13 31-0747	EA	Ceiling Mounted Multi-Candela Horn/Strobe (Siemens SE-MC-CR)	255.97	43.46
28 46 13 31-0748	EA	Ceiling Mounted High Multi-Candela Horn/Strobe (Siemens SE-HMC-CR)	271.23	43.46
28 46 13 31-0749	EA	Ceiling Mounted Horn (Siemens SEC-R)	151.49	43.46
28 46 13 31-0750	EA	Wall Mounted Low Profile Multi-Candela Horn/Strobe (Siemens SEF-MC-R)	255.97	43.46
28 46 13 31-0751	EA	Wall Mounted Low Profile High Multi-Candela Horn/Strobe (Siemens SEF-HMC-R)	271.23	43.46
28 46 13 31-0752	EA	Wall Mounted Low Profile Horn (Siemens SEF-R)	144.45	43.46
28 46 13 31-0753	EA	Ceiling Mounted Low Profile Multi-Candela Horn/Strobe (Siemens SEF-MC-CW)	255.97	43.46
28 46 13 31-0754	EA	Ceiling Mounted Low Profile High Multi-Candela Horn/Strobe (Siemens SEF-HMC-CW)	271.23	43.46
28 46 13 31-0755	EA	Ceiling Mounted Low Profile Horn (Siemens SEF-CR)	151.49	43.46
28 46 13 31-0756	EA	Mini Horn (Siemens MH-R)	118.63	43.46
28 46 13 31-0757	EA	Indoor/Outdoor Multi Tone Horn (Siemens MTH-R)	153.84	43.46
28 46 13 31-0758	EA	Indoor/Outdoor Multi Tone, Multi-Candela Horn/Strobe (Siemens MTH-MC-R)	240.71	43.46
28 46 13 31-0759	EA	Industrial Tri-Tone Horn (Siemens ASR)	703.23	43.46
28 46 13 31-0760	EA	Wall Mounted Horn (Siemens HS-R)	153.84	43.46
28 46 13 31-0761	EA	Wall Mounted Multi-Candela Horn/Strobe (Siemens HS-MC-R)	241.88	43.46
28 46 13 31-0762	EA	Wall Mounted High Multi-Candela Horn/Strobe (Siemens HS-HMC-R)	260.67	43.46
28 46 13 31-0763	EA	6" Motor Bell (Siemens MBDC-6)	177.32	43.46
28 46 13 31-0764	EA	10" Motor Bell (Siemens MBDC-10)	194.93	43.46
28 46 13 31-0765		**Mounting Accessories** *(28 46 13 31-0728)*		
28 46 13 31-0766	EA	Concealed Conduit Adapter Plate (Siemens APS-R)	43.07	14.48
28 46 13 31-0767	EA	4" x 1-1/2" Surface Mounted Back Box (Siemens BBS-R)	43.07	14.48
28 46 13 31-0768	EA	4" x 2-1/8" Surface Mounted Back Box (Siemens DBBS-R)	44.24	14.48
28 46 13 31-0769	EA	Red Weatherproof Surface Mount Backbox (Siemens MT-SUR-BOX)	72.41	14.48
28 46 13 31-0770	EA	White Weatherproof Surface Mount Backbox (Siemens MT-SUR-BOX-W)	57.15	14.48
28 46 13 31-0771	EA	Surface Mounted Speaker Backbox (Siemens SBBS-R)	60.68	14.48
28 46 13 31-0772	EA	Surface Mounted Speaker Backbox (Siemens SBL2S-R)	65.37	14.48
28 46 13 31-0773	EA	Square Semi-Flush Extension Ring (Siemens SERS-R)	51.28	14.48
28 46 13 31-0774	EA	Semi-Flush Plate (Siemens SFPS-R)	41.89	14.48
28 46 13 31-0775	EA	Square Surface Backbox (Siemens SHBBS-R)	51.28	14.48
28 46 13 31-0776	EA	Horn Adapter Plate (Siemens SHMPS-R)	48.94	14.48
28 46 13 31-0777	EA	Ceiling Speaker Extension Ring (Siemens SPEXT-R)	43.07	14.48
28 46 13 31-0778	EA	Wall Mounted Surface Mounted Speaker Backbox (Siemens SPSB-R)	57.15	14.48
28 46 13 31-0779	EA	Wall Mounted Surface Mounted Speaker/Strobe Backbox (Siemens SPSSB-R)	60.68	14.48
28 46 13 31-0780	EA	Weatherproof Speaker Backbox (Siemens WBBS-R)	58.33	14.48
28 46 13 31-0781	EA	Weatherproof Speaker Backbox With 3/4" Knockout (Siemens WBBS-R-3/4T-3/4B)	65.37	14.48
28 46 13 31-0782	EA	Weatherproof Flush Plate (Siemens WFPAS-R)	65.37	14.48
28 46 13 31-0783	EA	Weatherproof Horn Flush Plate (Siemens WFPS-R)	65.37	14.48
28 46 13 31-0784	EA	Weatherproof Horn Backbox (Siemens WPBBS-R)	60.68	14.48
28 46 13 31-0785	EA	Weatherproof Strobe Backbox (Siemens WPSBBS-R)	60.68	14.48
28 46 13 31-0786	EA	Surface Mounted Weatherproof Backbox Kit (Siemens WPS-KIT)	43.07	14.48
28 46 13 31-0787	EA	Z Series Backbox (Siemens ZBB-R)	48.94	14.48
28 46 13 31-0788		**Door Holders** *(28 46 13 31-0728)*		
28 46 13 31-0789	EA	120 Volt AC Concealed Wiring Fire Door Holder (Siemens SDH-2A)	389.80	43.46
28 46 13 31-0790	EA	24 Volt DC Concealed Wiring Fire Door Holder (Siemens SDH-2D)	389.80	43.46
28 46 13 31-0791		**Voice Equipment** *(28 46 13 31-0535)*		
28 46 13 31-0792		**Voicecom** *(28 46 13 31-0791)*		
28 46 13 31-0793	EA	Emergency Voice Alarm Communication System, 3.5 Amp Power Supply And Battery Charger, 50W Amplifier, Battery Cables, Main Control Board With One Speaker Circuit, Paging Microphone And Enclosure With Deadfront And Space For Five Modules (Siemens VOICECOM)	5,989.64	579.52
28 46 13 31-0794	EA	Emergency Voice Alarm Communication System, 3.5 Amp Power Supply And Battery Charger, Two 50W Amplifier, Battery Cables, Main Control Board With One Speaker Circuit, Paging Microphone, Enclosure With Deadfront And Space For 11 Modules, Auxiliary Power Supply, Four PS-AUX Strobe Zone Cables And One AM-25-50 Speaker Zone Cables (Siemens VOICECOM-L)	9,570.03	579.52
28 46 13 31-0795		**Honeywell Fire Alarm** *(28 46 13 31)*		
28 46 13 31-0796		**Notifier Fire Alarm** *(28 46 13 31-0795)*		
28 46 13 31-0797		**Fire Alarm Control Panel And Accessories** *(28 46 13 31-0796)*		
28 46 13 31-0798	EA	NFS2-3030 CPU For Intelligent Fire Alarm Control Panel (Notifier CPU2-3030D)	5,494.13	579.52
28 46 13 31-0799	EA	NFS2-640 CPU For Intelligent Fire Alarm Control Panel (Notifier CPU2-640)	4,573.45	579.52
28 46 13 31-0800	EA	Central Processing Unit for NFS2-640 With Integral 240 Volt Power Supply Includes Chassis (Notifier CPU2-640E)	4,613.22	579.52
28 46 13 31-0801	EA	Black, 120 Volt AC, Intelligent Fire Alarm Control Panel (Notifier NFS-320)	5,483.30	579.52
28 46 13 31-0802	EA	Supports Installation Of Optional ACM-Series Annunciator In Same Cabinet, Black, 120 Volt AC, Intelligent Fire Alarm Control Panel (Notifier NFS-320C)	5,985.43	579.52
28 46 13 31-0803	EA	Black, 240 Volt AC, Intelligent Fire Alarm Control Panel (Notifier NFS-320E)	5,827.06	579.52

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-0804	EA	Red, 120 Volt AC, Intelligent Fire Alarm Control Panel (Notifier NFS-320R)	5,675.84	579.52
28 46 13 31-0805	EA	Two-Tone Sequential Module (Notifier 2TTM)	390.16	28.98
28 46 13 31-0806	EA	5', Not Low Loss, Antenna Cable (Notifier 7626-5C)	98.51	5.79
28 46 13 31-0807	EA	25', Low Loss, Antenna Cable (Notifier 7626-25HC)	188.69	11.59
28 46 13 31-0808	EA	50', Low Loss, Antenna Cable (Notifier 7626-50HC)	286.60	17.39
28 46 13 31-0809	EA	IPGSM-COM, IPGSM-COMa Handheld Programmer (Notifier 7720P)	461.99	
28 46 13 31-0810	EA	RJ45-DB9F Serial Programming Cable (Notifier ALMSC-119)	65.32	
28 46 13 31-0811	EA	120 Volt AC Power Supply, Chassis, 80-Character Display, Keypad, NFS-320SYS CPU (Notifier CPU-320SYS)	5,556.77	579.52
28 46 13 31-0812	EA	240 Volt AC Power Supply, Chassis, 80-Character Display, Keypad, NFS-320SYS CPU (Notifier CPU-320SYSE)	5,615.12	579.52
28 46 13 31-0813	EA	3 dB Gain External/Remote Antenna (Notifier GSM-ANT3dB)	246.16	5.79
28 46 13 31-0814	EA	Plug In Transformer Box For IPGSM Communicator (Notifier HPTCOVER)	74.70	5.79
28 46 13 31-0815	EA	Mounting Bracket Kit For SFB-5UD, SFB-10UD, NFW2-100 And NFW-50 (Notifier IPBRKT)	105.04	11.59
28 46 13 31-0816	EA	Chassis To Mount IP Communicator In CHSA Series Chassis (Notifier IPCHSKIT)	102.80	14.48
28 46 13 31-0817	EA	IP Communicator (Notifier IPDACT-2)	796.18	28.98
28 46 13 31-0818	EA	IP Communicator With Upload/Download Capability (Notifier IPDACT-2UD)	924.78	28.98
28 46 13 31-0819	EA	Red, IP Communicator External Mounting Enclosure (Notifier IPENC) Note: Includes IPBRKT.	210.36	28.98
28 46 13 31-0820	EA	Black, IP Communicator External Mounting Enclosure (Notifier IPENC-B) Note: Includes IPBRKT	209.76	28.98
28 46 13 31-0821	EA	Dual 8TPC To Single 8TPC Y-Splitter With Two 9" Cables For Combining Panel Phone Jacks To One IPDACT Input (Notifier IPSPLT)	52.59	11.59
28 46 13 31-0822	EA	Loop Control Module (Notifier LCM-320)	1,932.01	57.95
28 46 13 31-0823	EA	Loop Expander Module (Notifier LEM-320)	1,828.14	57.95
28 46 13 31-0824	EA	Keyboard Display Module For CPU2-640 (Notifier KDM-R2)	1,468.66	57.95
28 46 13 31-0825	EA	7' DACT Phone Cord (Notifier MCBL-7)	25.52	
28 46 13 31-0826	EA	Backbox For UDACT, With Viewing Window And Optional Relay Mount (Notifier UBS-1)	227.23	14.48
28 46 13 31-0827	EA	Red, Metal Enclosure With Solid Door For Remote Mounting Of The UDACT-2 (Notifier UBS-1R)	256.20	28.98
28 46 13 31-0828	EA	Black, Metal Enclosure With Solid Door For Remote Mounting Of The UDACT-2 (Notifier UBS-1B)	256.20	28.98
28 46 13 31-0829	EA	Universal Digital Alarm Communicator Transmitter (Notifier UDACT-2)	834.70	28.98
28 46 13 31-0830	EA	Universal Zone Coder (Notifier UZC-256)	1,163.84	28.98
28 46 13 31-0831	EA	Hardware Kit To Connect UZC-256 To A PC (Notifier UZC-HI) Note: Includes null modem cable, AC power adapter, and 9-pin to 25-pin converter.	363.76	
28 46 13 31-0832	EA	Programming Software For ONYX Series Products, DVC And Associated Amplifiers, DVC-RPU And UDACT-2 (Notifier VERIFIRE-TCD)	860.57	
28 46 13 31-0833	EA	ONYX Series Verifire Tools Upgrade (Notifier VERIFIREUG-TCD)	546.19	
28 46 13 31-0834	EA	Central Station Receiver For Fire And Security (Notifier VISORALARM-PLUS)	5,180.22	17.39
28 46 13 31-0835	EA	Surface Back Box For NBG-12LRA (Notifier SBA-10)	55.29	14.48
28 46 13 31-0836	EA	Up To 50 Addressable Devices Supported, Addressable Fire Alarm Control Panel (Notifier NFW-50X)	2,402.07	579.52
28 46 13 31-0837	EA	Up To 198 Addressable Devices Supported, Addressable Fire Alarm Control Panel (Notifier NFW-100X)	3,515.87	579.52

28 46 13 31-0838 ONYX Cabinets *(28 46 13 31-0796)*

28 46 13 31-0839	EA	Red, Two Tier Door For CA-2 Chassis Configuration (Notifier ADDR-B4R)	662.92	14.48
28 46 13 31-0840	EA	Red, Three Tier Door For CA-2 Chassis Configuration (Notifier ADDR-C4R)	890.93	14.48
28 46 13 31-0841	EA	Red, Four Tier Door For CA-2 Chassis Configuration (Notifier ADDR-D4R)	1,101.67	14.48
28 46 13 31-0842	EA	Battery Dress Plate For NFS-640 And NFS-3030 (Notifier BP-4)	133.60	17.39
28 46 13 31-0843	EA	Chassis Bridge (Notifier CB-1)	121.56	14.48
28 46 13 31-0844	EA	Four Position Chassis (Notifier CHS-4)	205.80	14.48
28 46 13 31-0845	EA	Low Profile 1st Row Chassis Assembly For CPU-640 / CPU-640E (Notifier CHS-M2)	199.96	28.98
28 46 13 31-0846	EA	Black, Dress Panel Blank, Covers Unused Cabinet Row(s) (Notifier DP-1B)	117.52	17.39
28 46 13 31-0847	EA	Dress Plate For Top Row With CPU2-3030D (Notifier DP-DISP)	149.97	17.39
28 46 13 31-0848	EA	One Tier, "A" Size Door Assembly, Lexan Window, Lock And Keys (Notifier DR-A4)	366.05	28.98
28 46 13 31-0849	EA	One Tier, "A" Size Door Assembly, Solid Door, Lock And Keys (Notifier DR-A4B)	234.87	28.98
28 46 13 31-0850	EA	Two Tier, "B" Size Door Assembly, Lexan Window, Lock And Keys (Notifier DR-B4)	464.83	43.46
28 46 13 31-0851	EA	Two Tier, "B" Size Door Assembly, Solid Door, Lock And Keys (Notifier DR-B4B)	290.32	43.46
28 46 13 31-0852	EA	Three Tier, "C" Size Door Assembly, Lexan Window, Lock And Keys (Notifier DR-C4)	692.39	57.95
28 46 13 31-0853	EA	Three Tier, "C" Size Door Assembly, Solid Door, Lock And Keys (Notifier DR-C4B)	426.42	57.95
28 46 13 31-0854	EA	Four Tier, "D" Size Door Assembly, Lexan Window, Lock And Keys (Notifier DR-D4)	840.50	72.44
28 46 13 31-0855	EA	Four Tier, "D" Size Door Assembly, Solid Door, Lock And Keys (Notifier DR-D4B)	496.29	72.44
28 46 13 31-0856	EA	Black, One Tier, "AA" Size Door Assembly With Window, Lock And Keys (Notifier DR-AA4)	326.66	14.48
28 46 13 31-0857	EA	Black, One Tier, "AA" Size Door Assembly, Lock And Keys (Notifier DR-AA4B)	224.25	14.48
28 46 13 31-0858	EA	Red, One Tier, "AA" Size Door Assembly, Lock And Keys (Notifier DR-AA4BR)	224.25	14.48
28 46 13 31-0859	EA	Red, One Tier, "AA" Size Door Assembly With Window, Lock And Keys (Notifier DR-AA4R)	332.61	14.48
28 46 13 31-0860	EA	Red, One Tier, "A" Size Blank Door Assembly, Lock And Keys (Notifier DR-A4BR)	252.83	14.48
28 46 13 31-0861	EA	Red, One Tier, "A" Size Door Assembly, Lexan Window, Lock And Keys (Notifier DR-A4R)	421.91	14.48
28 46 13 31-0862	EA	Red, Two Tier, "B" Size Door Assembly, Solid Door, Lock And Keys (Notifier DR-B4BR)	287.96	14.48
28 46 13 31-0863	EA	Red, Two Tier, "B" Size Door Assembly, Lexan Window, Lock And Keys (Notifier DR-B4R)	502.88	14.48
28 46 13 31-0864	EA	Red, Three Tier, "C" Size Door Assembly, Solid Door, Lock And Keys (Notifier DR-C4BR)	414.77	14.48
28 46 13 31-0865	EA	Red, Three Tier, "C" Size Door Assembly, Lexan Window, Lock And Keys (Notifier DR-C4R)	746.97	14.48
28 46 13 31-0866	EA	Red, Four Tier, "D" Size Door Assembly, Solid Door, Lock And Keys (Notifier DR-D4BR)	464.78	14.48
28 46 13 31-0867	EA	Red, Four Tier, "D" Size Door Assembly, Lexan Window, Lock And Keys (Notifier DR-D4R)	894.62	14.48
28 46 13 31-0868	EA	Black, Two Tiers, Equipment Backbox Assembly (Notifier EQBB-B4)	428.26	28.98
28 46 13 31-0869	EA	Black, Three Tiers, Equipment Backbox Assembly (Notifier EQBB-C4)	633.06	28.98
28 46 13 31-0870	EA	Black, Four Tiers, Equipment Backbox Assembly (Notifier EQBB-D4)	742.60	28.98
28 46 13 31-0871	EA	Black, Vented, Two Tiers, Equipment Door Assembly (Notifier EQDR-B4)	448.50	28.98
28 46 13 31-0872	EA	Black, Vented, Three Tiers, Equipment Door Assembly (Notifier EQDR-C4)	678.30	28.98
28 46 13 31-0873	EA	Black, Vented, Four Tiers, Equipment Door Assembly (Notifier EQDR-D4)	792.61	28.98
28 46 13 31-0874	EA	Red, Two Tiers, Equipment Backbox Assembly (Notifier EQBB-B4R)	431.83	28.98
28 46 13 31-0875	EA	Red, Three Tiers, Equipment Backbox Assembly (Notifier EQBB-C4R)	633.06	28.98
28 46 13 31-0876	EA	Red, Four Tiers, Equipment Backbox Assembly (Notifier EQBB-D4R)	752.13	28.98
28 46 13 31-0877	EA	Red, Vented, Two Tiers, Equipment Door Assembly (Notifier EQDR-B4R)	469.93	28.98

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-0878	EA	Red, Vented, Three Tiers, Equipment Door Assembly (Notifier EQDR-C4R)	678.30	28.98
28 46 13 31-0879	EA	Red, Vented, Four Tiers, Equipment Door Assembly (Notifier EQDR-D4R)	792.61	28.98
28 46 13 31-0880	EA	Backbox With Door For ONYX Firstvision™ (Notifier FIRSTVISION-ENC)	3,486.86	144.87
28 46 13 31-0881	EA	CAB-4 Series Mounting Kit (Notifier P40-KITB) Note: Includes chassis, hinged dress plate, and mounting hardware.	402.06	28.98
28 46 13 31-0882	EA	Black, One Tier Backbox Assembly (Notifier SBB-A4)	407.67	86.93
28 46 13 31-0883	EA	Black, Two Tier Backbox Assembly (Notifier SBB-B4)	577.05	115.91
28 46 13 31-0884	EA	Black, Three Tier Backbox Assembly (Notifier SBB-C4)	762.73	115.91
28 46 13 31-0885	EA	Black, Four Tier Backbox Assembly (Notifier SBB-D4)	927.96	144.87
28 46 13 31-0886	EA	Black, Mini, One Tier, Backbox (Notifier SBB-AA4)	252.03	28.98
28 46 13 31-0887	EA	Red, Mini, One Tier, Backbox (Notifier SBB-AA4R)	252.03	28.98
28 46 13 31-0888	EA	Red, One Tier Backbox Assembly (Notifier SBB-A4R)	306.81	28.98
28 46 13 31-0889	EA	Red, Two Tier Backbox Assembly (Notifier SBB-B4R)	427.07	28.98
28 46 13 31-0890	EA	Red, Three Tier Backbox Assembly (Notifier SBB-C4R)	625.91	28.98
28 46 13 31-0891	EA	Red, Four Tier Backbox Assembly (Notifier SBB-D4R)	740.22	28.98
28 46 13 31-0892	EA	Trim Ring For NFS-320 Cabinet (Notifier TR-320)	243.74	17.39
28 46 13 31-0893	EA	Red, Trim Ring For NFS-320 Cabinet (Notifier TR-320R)	243.74	17.39
28 46 13 31-0894	EA	Black, AA Size Trim Ring For CAB-4 Or CAB-3 Series Cabinet (Notifier TR-AA4)	328.87	17.39
28 46 13 31-0895	EA	Black, A Size Trim Ring For CAB-4 Or CAB-3 Series Cabinet (Notifier TR-A4)	259.81	17.39
28 46 13 31-0896	EA	Black, B Size Trim Ring For CAB-4 Or CAB-3 Series Cabinet (Notifier TR-B4)	261.60	17.39
28 46 13 31-0897	EA	Black, C Size Trim Ring For CAB-4 Or CAB-3 Series Cabinet (Notifier TR-C4)	258.62	17.39
28 46 13 31-0898	EA	Black, D Size Trim Ring For CAB-4 Or CAB-3 Series Cabinet (Notifier TR-D4)	265.17	17.39
28 46 13 31-0899	EA	2" Filler Dress Plate For ADP-4B Installed In The Top Row Of A CAB-4 Series Backbox (Notifier VP-2B)	93.59	17.39
28 46 13 31-0900	EA	Wire Trays For Routing Wire In A CAB-4 Series Backbox (Notifier WC-2)	65.41	5.79

28 46 13 31-0901 NFS2-3030/640 Cabinet Mechanicals *(28 46 13 31-0796)*

28 46 13 31-0902	EA	Dress Plate For Middle Rows With CPU2-640 (Notifier ADP2-640)	135.18	17.39
28 46 13 31-0903	EA	Blank Module Dress Plate (Notifier BM-1B)	111.79	17.39
28 46 13 31-0904	EA	Battery Dress Plate For NFS2-3030, NFS2-640, NCA-2 And DVC System (Notifier BP2-4)	126.92	17.39
28 46 13 31-0905	EA	Four Position Expansion Chassis (Notifier CHS-4MB)	320.70	14.48
28 46 13 31-0906	EA	Standard 1st Row Chassis Assembly For CPU-3030 (Notifier CHS-M3)	284.99	43.46
28 46 13 31-0907	EA	Dress Plate For Top Row With CPU2-640 (Notifier DP-DISP2)	140.68	17.39

28 46 13 31-0908 NFS-3030/640 Cabinet Mechanicals *(28 46 13 31-0796)*

28 46 13 31-0909	EA	Annunciator Dress Plate (Notifier ADP-4B)	128.30	17.39
28 46 13 31-0910	EA	Blank Module Dress Plate (Notifier BMP-1)	80.16	17.39
28 46 13 31-0911	EA	Low Profile Four Position Chassis For AA-30 Or LDM (Notifier CHS-4L)	181.05	28.98
28 46 13 31-0912	EA	Module Dress Plate (Notifier MP-1B)	129.68	17.39

28 46 13 31-0913 Battery Cabinets *(28 46 13 31-0796)*

28 46 13 31-0914	EA	Six Position Chassis (Notifier CHS-6)	116.13	28.98
28 46 13 31-0915	EA	Black, 24" x 14" x 7-3/4" Battery Backbox (Notifier NFS-LBB)	578.23	86.93

28 46 13 31-0916 Digital Voice *(28 46 13 31-0796)*

28 46 13 31-0917	EA	Chassis Used With BB-XP (Notifier 18439)	59.34	14.48
28 46 13 31-0918	EA	220 Volt AC, 100 Watt, 70.7 VRMS, Tone Generator, Audio Amplifier (Notifier AA-100E)	2,378.79	43.46
28 46 13 31-0919	EA	220 Volt AC, 120 Watt, 25 VRMS, Tone Generator, Audio Amplifier (Notifier AA-120E)	2,311.87	43.46
28 46 13 31-0920	EA	220 Volt AC, 30 Watt, 25 VRMS Audio Amplifier (Notifier AA-30E)	1,161.00	43.46
28 46 13 31-0921	EA	Black, Two Tier Door For CA-2 Chassis Configuration (Notifier ADDR-B4)	591.72	43.46
28 46 13 31-0922	EA	Black, Three Tier Door For CA-2 Chassis Configuration (Notifier ADDR-C4)	802.25	57.95
28 46 13 31-0923	EA	Black, Four Tier Door For CA-2 Chassis Configuration (Notifier ADDR-D4)	999.02	72.44
28 46 13 31-0924	EA	Multimode Audio Fiber Link Receiver (Notifier AFL-RM)	1,009.14	28.98
28 46 13 31-0925	EA	Multimode Audio Fiber Link Transmitter (Notifier AFL-TM)	1,009.14	28.98
28 46 13 31-0926	EA	Single Mode Audio Fiber Link Transmitter (Notifier AFL-TS)	2,165.50	28.98
28 46 13 31-0927	EA	15" x 8-3/8" x 3-3/8", Flush Or Surface Mounted Backbox (Notifier AFAWS-BX)	126.32	14.48
28 46 13 31-0928	EA	Flush Mounted, Key Lock, Door (Notifier AFAWS-KR)	214.73	14.48
28 46 13 31-0929	EA	Surface Mounted, Key Lock, Door (Notifier AFAWS-KS)	215.92	14.48
28 46 13 31-0930	EA	Flush Mounted, Latch Style Lock, Door (Notifier AFAWS-LR)	208.78	14.48
28 46 13 31-0931	EA	Surface Mounted, Latch Style Lock, Door (Notifier AFAWS-LS)	211.16	14.48
28 46 13 31-0932	EA	Armored Coil Cord, Telephone Chassis (Notifier AFAWS-TELA)	432.63	14.48
28 46 13 31-0933	EA	Coil Cord, Telephone Chassis (Notifier AFAWS-TELC)	330.23	14.48
28 46 13 31-0934	EA	Hammer Attached To Chain, Breakglass Insert (Notifier BRKG-B)	135.42	
28 46 13 31-0935	EA	For 25 VRMS DAX Or DAA2 Series, Back-Up Digital Amplifier (Notifier BDA-25V)	601.02	28.98
28 46 13 31-0936	EA	For 70 VRMS DAX Or DAA2 Series, Back-Up Digital Amplifier (Notifier BDA-70V)	606.51	28.98
28 46 13 31-0937	EA	Blank Dress Plate For CA-2 (Notifier BP-CA2)	124.53	14.48
28 46 13 31-0938	EA	One Tier Chassis For Digital Voice Command Panel (Notifier CA-1)	156.98	28.98
28 46 13 31-0939	EA	Two Tier Chassis For Digital Voice Command Panel, With MIC-1 (Notifier CA-2)	491.31	43.46
28 46 13 31-0940	EA	Black, 6.08" x 8.301" x 3.655", Remote Cabinet (Notifier CAB-RM)	250.25	28.98
28 46 13 31-0941	EA	Red, 6.08" x 8.301" x 3.655", Remote Cabinet (Notifier CAB-RMR)	250.25	28.98
28 46 13 31-0942	EA	Chassis, Phone Well, TELH-1 And Hardware (Notifier CFFT-1)	326.66	14.48
28 46 13 31-0943	EA	Chassis With Paging Microphone With Well (Notifier CMIC-1)	323.08	14.48
28 46 13 31-0944	EA	120 Volt AC, 50 Watt, 25 VRMS Digital Audio Amplifier (Notifier DAA-5025)	2,035.83	28.98
28 46 13 31-0945	EA	Multi-Mode Fiber-Optic Media 50 Watt, 25 VRMS Digital Audio Amplifier (Notifier DAA-5025F)	1,917.41	28.98
28 46 13 31-0946	EA	Single-Mode Fiber-Optic Media 50 Watt, 25 VRMS Digital Audio Amplifier (Notifier DAA-5025SF)	1,917.41	28.98
28 46 13 31-0947	EA	120 Volt AC, 50 Watt, 70 VRMS Digital Audio Amplifier (Notifier DAA-5070)	2,101.85	28.98
28 46 13 31-0948	EA	Multi-Mode Fiber-Optic Media 50 Watt, 70 VRMS Digital Audio Amplifier (Notifier DAA-5070F)	2,030.10	28.98

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-0949	EA	120 Volt AC, 75 Watt, 25 VRMS Digital Audio Amplifier (Notifier DAA-7525)	2,183.00	28.98
28 46 13 31-0950	EA	Single-Mode Fiber-Optic Media 75 Watt, 25 VRMS Digital Audio Amplifier (Notifier DAA-7525SF)	2,509.05	28.98
28 46 13 31-0951	EA	Single-Mode Fiber-Optic Media 75 Watt, 25 VRMS Digital Audio Amplifier (Notifier DAA-7525SF)	2,509.05	28.98
28 46 13 31-0952	EA	220-240 Volt AC, 50 Watt, 25 VRMS Digital Audio Amplifier (Notifier DAA2-5025E)	1,935.11	28.98
28 46 13 31-0953	EA	220-240 Volt AC, 50 Watt, 70 VRMS Digital Audio Amplifier (Notifier DAA2-5070E)	1,989.96	28.98
28 46 13 31-0954	EA	220-240 Volt AC, 75 Watt, 25 VRMS Digital Audio Amplifier (Notifier DAA2-7525E)	2,075.54	28.98
28 46 13 31-0955	EA	120 Volt AC, 35 Watt, 25 VRMS, Digital Audio Amplifier (Notifier DAX-3525)	1,313.04	28.98
28 46 13 31-0956	EA	220-240 Volt AC, 35 Watt, 25 VRMS, Digital Audio Amplifier (Notifier DAX-3525E)	1,348.15	28.98
28 46 13 31-0957	EA	120 Volt AC, 35 Watt, 70 VRMS, Digital Audio Amplifier (Notifier DAX-3570)	1,379.97	28.98
28 46 13 31-0958	EA	220-240 Volt AC, 35 Watt, 70 VRMS, Digital Audio Amplifier (Notifier DAX-3570E)	1,426.05	28.98
28 46 13 31-0959	EA	120 Volt AC, 50 Watt, 25 VRMS, Digital Audio Amplifier (Notifier DAX-5025)	1,435.92	28.98
28 46 13 31-0960	EA	220-240 Volt AC, 50 Watt, 25 VRMS, Digital Audio Amplifier (Notifier DAX-5025E)	1,478.71	28.98
28 46 13 31-0961	EA	120 Volt AC, 50 Watt, 70 VRMS, Digital Audio Amplifier (Notifier DAX-5070)	1,521.49	28.98
28 46 13 31-0962	EA	220-240 Volt AC, 50 Watt, 70 VRMS, Digital Audio Amplifier (Notifier DAX-5070E)	1,598.29	28.98
28 46 13 31-0963	EA	Dress Plate For CFFT-1 (Notifier DP-CFFT)	144.78	14.48
28 46 13 31-0964	EA	Dress Panel For One Tier Chassis For Digital Voice Command Panel (Notifier DPA-1)	121.42	17.39
28 46 13 31-0965	EA	Dress Panel For One Tier Chassis For Digital Voice Command Panel, Supports Keypad (Notifier DPA-1A4)	140.68	17.39
28 46 13 31-0966	EA	Dress Panel For Two Tier Chassis For Digital Voice Command Panel (Notifier DPA-2B)	243.84	17.39
28 46 13 31-0967	EA	WPS Power Amplifier (Notifier DPA3204P)	714.02	28.98
28 46 13 31-0968	EA	WPS Power Amplifier (Notifier DPA4001P)	601.02	28.98
28 46 13 31-0969	EA	Modem Interface For Direct Wire (No Dial-Up Capabilities) For Interconnecting Panels (Notifier DPI-232)	1,364.61	28.98
28 46 13 31-0970	EA	120 Volt AC,125 Watt, 25 VRMS Digital Series Amplifier (Notifier DS-AMP) Note: Can Be Converted To 70 VRMS, 100 Watts With A DS-XF70V	1,019.02	28.98
28 46 13 31-0971	EA	220-240 Volt AC, 125 Watt, 25 VRMS Digital Series Amplifier (Notifier DS-AMPE) Note: Can Be Converted To 70 VRMS, 100 Watts With A DS-XF70V	1,031.09	28.98
28 46 13 31-0972	EA	Digital Series Distribution Board, Supports One To Four DS-AMP Or DS-AMPE (Notifier DS-DB)	1,722.27	28.98
28 46 13 31-0973	EA	125 Watt, 25 VRMS DS Series Backup Amplifier Board (Can Be Converted To 70 VRMS, 100 Watt Amplifier With A DS-XF70V) (Notifier DS-BDA)	666.85	28.98
28 46 13 31-0974	EA	Converts One DAX Or DAA2 DAL Port To Multi-Mode Fiber, Fiber Option Module (Notifier DS-FM)	377.06	28.98
28 46 13 31-0975	EA	Converts One DAX Or DAA2 Port To ST Style Multi-Mode Fiber (For Connection To DVC-EMF Or DAA-XXXF Series Amplifier), Fiber Option Module (Notifier DS-RFM)	377.06	28.98
28 46 13 31-0976	EA	Converts One DAX Or DAA2 DAL Port To Single-Mode Fiber, Fiber Option Module (Notifier DS-SFM)	377.06	28.98
28 46 13 31-0977	EA	Converts DS-AMP, DS-AMPE, Or DS-BDA To 70 VRMS, 100 Watt, DS Series Transformer (Notifier DS-XF70V)	157.08	28.98
28 46 13 31-0978	EA	Analog Output Board For Digital Voice Command (Notifier DVC-AO)	353.67	28.98
28 46 13 31-0979	EA	Extended Memory For Digital Voice Command (Notifier DVC-EM)	2,052.34	28.98
28 46 13 31-0980	EA	Keypad For Digital Voice Command (Notifier DVC-KD)	590.44	57.95
28 46 13 31-0981	EA	Microphone For NFC-50/100, NFC-LOC, NFC-RPU And NFC-RM (Notifier ECC-MICROPHONE)	303.31	
28 46 13 31-0982	EA	Portable Fireman's Telephone Handset (Notifier FHS)	181.26	
28 46 13 31-0983	EA	Red, Fireman's Telephone Handset (Notifier FHS-F)	210.44	
28 46 13 31-0984	EA	Recessed, Fireman's Handset Storage Cabinet, Holds Six Handsets (Notifier FHSC-R)	522.32	28.98
28 46 13 31-0985	EA	Surface Mounted, Fireman's Handset Storage Cabinet, Holds Six Handsets (Notifier FHSC-S)	522.32	28.98
28 46 13 31-0986	EA	Fireman's Phone Jack On A Single Gang Plate (Notifier FPJ)	84.31	8.69
28 46 13 31-0987	EA	Paging Microphone Only (Notifier MIC-1)	238.13	28.98
28 46 13 31-0988	EA	Firefighter's Telephone Handset (Notifier TELH-1)	207.46	
28 46 13 31-0989	EA	Remote Microphone Assembly For Mounting On An ADP-4 Dress Plate (Notifier RM-1)	593.00	28.98
28 46 13 31-0990	EA	Remote Microphone Assembly For Mounting In A Stand Alone Cabinet (Notifier RM-1SA)	593.00	28.98
28 46 13 31-0991		**Amplifiers** *(28 46 13 31-0796)*		
28 46 13 31-0992	EA	30 Watt Audio Amplifier At 25 VRMS, 120 Volt AC (Notifier AA-30)	1,143.17	28.98
28 46 13 31-0993	EA	100 Watt Audio Amplifier At 70.7 VRMS, 120 Volt AC, Tone Generator (Notifier AA-100)	2,497.98	28.98
28 46 13 31-0994	EA	120 Watt Audio Amplifier At 25 VRMS, 120 Volt AC, Tone Generator (Notifier AA-120)	2,426.46	28.98
28 46 13 31-0995	EA	Audio Coupling Transformer (Notifier ACT-1)	172.11	28.98
28 46 13 31-0996	EA	Audio Coupling Transformer For DVC-AO (Notifier ACT-4)	202.37	28.98
28 46 13 31-0997	EA	Audio Coupling Transformer For DAA-5025 (Notifier ACT-25)	202.37	28.98
28 46 13 31-0998	EA	Audio Coupling Transformer For DAA-5070 (Notifier ACT-70)	202.37	28.98
28 46 13 31-0999	EA	50 Watt, 25 Volt, 120 VAC Digital Amplifier (Notifier DAA2-5025)	1,852.82	28.98
28 46 13 31-1000	EA	50 Watt, 70 Volt, 120 VAC Digital Amplifier (Notifier DAA2-5070)	1,916.45	28.98
28 46 13 31-1001	EA	75 Watt, 25 Volt, 120 VAC Digital Amplifier (Notifier DAA2-7525)	1,991.06	28.98
28 46 13 31-1002	EA	Distributed Amplifier With Backup Capability (Notifier NFC-50/100DA) Note: Requires NFC-BDA-BU	3,634.53	28.98
28 46 13 31-1003	EA	50 Watt, 25 Volt Amplifier For A Second Speaker Circuit Or Backup (Notifier NFC-BDA-25V) Note: Requires NFC-BDA-BU	721.70	28.98
28 46 13 31-1004	EA	50 Watt, 70 Volt Amplifier For A Second Speaker Circuit Or Backup (Notifier NFC-BDA-70V) Note: Requires NFC-BDA-BU	724.99	28.98
28 46 13 31-1005		**FireVoice-25/50 Emergency Voice Evacuation Control Panels** *(28 46 13 31-0796)*		
28 46 13 31-1006	EA	25 Watt, 25 VRMS Voice Evacuation Control Panel (Notifier NFV-25/50)	5,055.45	579.52
28 46 13 31-1007	EA	Single Channel 25 Watt, 25 VRMS Voice Evacuation Control Panel (Notifier NFV-25/50DA)	3,525.62	579.52
28 46 13 31-1008	EA	Single Channel 25 Watt, 25 VRMS Voice Evacuation Control Panel Used With NFV-25/50ZS (Notifier NFV-25/50DAZS)	4,624.39	579.52
28 46 13 31-1009	EA	Zoned System 25 Watt, 25 VRMS Voice Evacuation Control Panel (Notifier NFV-25/50ZS)	6,061.25	579.52
28 46 13 31-1010	EA	Zoned System With Telephone 25 Watt, 25 VRMS Voice Evacuation Control Panel (Notifier NFV-25/50ZST)	6,720.51	579.52
28 46 13 31-1011		**System Printer** *(28 46 13 31-0796)*		
28 46 13 31-1012	EA	80 Column, 120 Volt AC, Desktop Printer (Notifier PRN-6)	2,481.48	28.98
28 46 13 31-1013		**Batteries** *(28 46 13 31-0796)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-1014	EA	5 Ampere Hours, 12 Volt DC, Sealed Battery Pack (Notifier BAT-1250-BP)	678.30	28.98
28 46 13 31-1015	EA	7 Ampere Hours, 12 Volt DC, Sealed Battery Pack (Notifier BAT-1270-BP)	528.35	28.98
28 46 13 31-1016	EA	12 Ampere Hours, 12 Volt DC, Sealed Battery Pack (Notifier BAT-12120-BP)	696.15	28.98
28 46 13 31-1017	EA	18 Ampere Hours, 12 Volt DC, Sealed Battery Pack (Notifier BAT-12180-BP)	404.56	28.98
28 46 13 31-1018	EA	26 Ampere Hours, 12 Volt DC, Sealed Battery Pack (Notifier BAT-12260-BP)	566.86	28.98
28 46 13 31-1019	EA	55 Ampere Hours, 12 Volt DC, Sealed Battery (Notifier BAT-12550)	565.49	28.98
28 46 13 31-1020	EA	100 Ampere Hours, 12 Volt DC, Sealed Battery (Notifier BAT-121000)	902.20	28.98

28 46 13 31-1021 Battery Backboxes And Miscellaneous Mechanicals *(28 46 13 31-0796)*

28 46 13 31-1022	EA	14-1/2" x 8-1/4" x 4-3/4", Holds Up To Two BAT-12180 Batteries, Battery Backbox (Notifier BB-17)	182.70	23.18
28 46 13 31-1023	EA	24" x 12.55" x 5.218", Mounts Up To Six XP6 Boards Or ACPS-610, Cabinet (Notifier BB-25) Note: XP6 modules require a CHS-6.	310.70	23.18
28 46 13 31-1024	EA	15.6" x 15.5" x 5.152", Mounts Up To Two 26 Ampere Hours And Charger, Battery Backbox (Notifier BB-26)	449.13	115.91
28 46 13 31-1025	EA	Holds Up To Two BAT-12120 12 Ampere Hours Batteries, Battery Holder (Notifier CHS-BH)	226.05	57.95
28 46 13 31-1026	EA	Holds Up To Two BAT-12120 12 Ampere Hours Batteries, Battery Holder (Notifier CHS-BH1)	131.98	14.48
28 46 13 31-1027	EA	Battery Bracket For Two 26 Ampere Hours Batteries (Notifier SEISKIT-BB25)	355.56	23.18
28 46 13 31-1028	EA	Two 26 Ampere Hours Battery Bracket Seismic Kit For CAB-4 Series Cabinets (Notifier SEISKIT-CAB)	246.40	23.18
28 46 13 31-1029	EA	Two 12 Ampere Hours Battery Bracket Seismic Kit For DAX, DAA, And DAA2 Series Amplifiers (Notifier SEISKIT-DAA)	274.38	23.18
28 46 13 31-1030	EA	Two 55 Ampere Hours Battery Bracket Seismic Kit For NFS-LBB (Notifier SEISKIT-LBB)	292.83	23.18
28 46 13 31-1031	EA	Two 7, 12, Or 18 Ampere Hour Battery Bracket Seismic Kit For FIREVOICE 25/50 Series (Notifier SEISKIT-2550)	438.10	23.18
28 46 13 31-1032	EA	Two 26 Ampere Hour Battery Bracket Seismic Kit For NFS-320 And BB-26 Series (Notifier SEISKIT-320/B26)	257.11	23.18
28 46 13 31-1033	EA	Two 100 Ampere Hour Battery Bracket Seismic Kit For BB-100 And BB-200 Series (Notifier SEISKIT-BB100) Note: Two kits are required for the BB-200	366.66	23.18
28 46 13 31-1034	EA	Two 18 Ampere Hour Battery Bracket Seismic Kit For BB-17 Series (Notifier SEISKIT-BB17) Note: Two kits are required for the BB-200	316.65	23.18
28 46 13 31-1035	EA	Two 26 Ampere Hour Battery Bracket Seismic Kit For BB-25 Series (Notifier SEISKIT-BB25) Note: Two kits are required for the BB-200	323.79	23.18
28 46 13 31-1036	EA	Two 7, 12, Or 18 Ampere Hour Battery Bracket Seismic Kit For SFP-5UD, SFP-10UD, Firewarden 100-2, RP-2001, And RP-2002 Series (Notifier SEISKIT-COMMENC) Note: Two kits are required for the BB-200	282.12	23.18
28 46 13 31-1037	EA	Two 7 Or 12 Ampere Hour Battery Bracket Seismic Kit For FCPS-24S6/8, CAB-PS1, SFP-2402 And SFP-2404 Series (Notifier SEISKIT-PS/2/4) Note: Two kits are required for the BB-200	264.26	23.18

28 46 13 31-1038 Power Supplies And Chargers *(28 46 13 31-0796)*

28 46 13 31-1039	EA	120 Volt AC, 6 Or 10 Amperes, Addressable Charging Power Supply (Notifier ACPS-610)	1,598.75	43.46
28 46 13 31-1040	EA	220/240 Volt AC, 6 Or 10 Amperes, Addressable Charging Power Supply (Notifier ACPS-610E)	1,677.74	43.46
28 46 13 31-1041	EA	Addressable Power Supply, 120 Volt AC For NFS-3030, NFS2-3030 And NCA-2 (Notifier AMPS-24)	1,748.37	28.98
28 46 13 31-1042	EA	6A Auxiliary Power Supply (Notifier APS-6R)	1,026.56	28.98
28 46 13 31-1043	EA	10 Amperes Battery Charger (Notifier BC10A)	1,222.86	43.46
28 46 13 31-1044	EA	33.34" x 22.5" x 7.5", Combination Power Supply And Battery Enclosure For NFS-3030 Or NFS2-3030 (Notifier BB-100) Note: Holds four 55 ampere hour or two 100 ampere hour batteries	668.46	34.77
28 46 13 31-1045	EA	Red, 33.34" x 22.5" x 7.5", Combination Power Supply And Battery Enclosure For NFS-3030 Or NFS2-3030 (Notifier BB-100R) Note: Holds four 55 ampere hour or two 100 ampere hour batteries	676.80	34.77
28 46 13 31-1046	EA	30.34" x 36.5" x 7.5", Combination Power Supply And Battery Enclosure For NFS2-3030 (Notifier BB-200) Note: Holds four 55 ampere hour or four 100 ampere hour batteries	941.74	34.77
28 46 13 31-1047	EA	30.34" x 36.5" x 7.5", Holds Four 55 Ampere Hours Or Four 100 Ampere Hours Batteries, For NFS2-3030, Red, Combination Power Supply And Battery Enclosure (Notifier BB-200R)	941.74	34.77
28 46 13 31-1048	EA	15.218" x 14.5" x 3.562" ACPS Stand-Alone Cabinet (Notifier CAB-PS1)	229.41	28.98
28 46 13 31-1049	EA	25 To 120 Ampere Hours Battery Charger (Notifier CHG-120)	1,346.74	28.98
28 46 13 31-1050	EA	Mounts XPIQ-Ps And/or CHS-BH In A CAB-3/4 Row, Also Mount One ACPS-610 In CAB-3 Row, Chassis Assembly (Notifier CHS-PS)	102.80	14.48
28 46 13 31-1051	EA	Door Used For Mounting ACPS-610 (E) In a CAB-PS1 Cabinet When Replacing ACPS-2406 (Notifier DR-PS1)	164.12	14.48
28 46 13 31-1052	EA	8 Amperes, 120 Volt AC Remote Charger Power Supply (Notifier FCPS-24S8)	891.47	28.98
28 46 13 31-1053	EA	8.0 Amperes, 240 Volt AC Remote Charger Power Supply (Notifier FCPS-24S8E)	933.05	86.93
28 46 13 31-1054	EA	Red, 8 Amperes, 240 Volt AC Remote Charger Power Supply (Notifier FCPS-24S8R)	892.46	86.93
28 46 13 31-1055	EA	8 Amperes, 24 Volt DC, 120 Volt AC, NAC Fire Alarm Power Supply (Notifier HPFF8)	1,033.98	86.93
28 46 13 31-1056	EA	8 Amperes, 24 Volt DC, 220 Volt AC, NAC Fire Alarm Power Supply (Notifier HPFF8E)	1,025.21	86.93
28 46 13 31-1057	EA	Chassis Mounted, 8 Amperes, 24 Volt DC, 120 Volt AC, NAC Fire Alarm Power Supply (Notifier HPFF8CM)	1,004.11	43.46
28 46 13 31-1058	EA	Chassis Mounted, 8 Amperes, 24 Volt DC, 220 Volt AC, NAC Fire Alarm Power Supply (Notifier HPFF8CME)	1,004.11	43.46
28 46 13 31-1059	EA	12 Amperes, 24 Volt DC, 120 Volt AC, NAC Fire Alarm Power Supply (Notifier HPFF12)	1,246.58	43.46
28 46 13 31-1060	EA	12 Amperes, 24 Volt DC, 220 Volt AC, NAC Fire Alarm Power Supply (Notifier HPFF12E)	1,190.62	43.46
28 46 13 31-1061	EA	12 Amperes, 24 Volt DC, 120 Volt AC, Chassis Mounted, NAC Fire Alarm Power Supply (Notifier HPFF12CM)	1,265.23	86.93
28 46 13 31-1062	EA	12 Amperes, 24 Volt DC, 220 Volt AC, Chassis Mounted, NAC Fire Alarm Power Supply (Notifier HPFF12CME)	1,265.23	86.93
28 46 13 31-1063	EA	6 Amperes, 24 Volt DC, 120 Volt AC, NAC Fire Alarm Power Supply (Notifier HPF24S6)	872.71	86.93
28 46 13 31-1064	EA	6 Amperes, 24 Volt DC, 220 Volt AC, NAC Fire Alarm Power Supply (Notifier HPF24S6E)	872.71	86.93
28 46 13 31-1065	EA	8 Amperes, 24 Volt DC, 120 Volt AC, NAC Fire Alarm Power Supply (Notifier HPF24S8)	942.92	86.93
28 46 13 31-1066	EA	8 Amperes, 24 Volt DC, 220 Volt AC, NAC Fire Alarm Power Supply (Notifier HPF24S8E)	942.92	86.93
28 46 13 31-1067	EA	6 Amperes, 24 Volt DC, 120 Volt AC, NAC Fire Alarm Power Supply (Notifier HPF602ULADA)	755.32	86.93
28 46 13 31-1068	EA	9 Amperes, 24 Volt DC, 120 Volt AC, NAC Fire Alarm Power Supply (Notifier HPF902ULADA)	892.46	86.93
28 46 13 31-1069	EA	Class A Adapter HPFF8/HPFF12 (Notifier HPP31076)	192.45	14.48
28 46 13 31-1070	EA	Up To 3 Amperes, Main Power Supply And Charger (Notifier MPS-24A)	1,494.80	28.98
28 46 13 31-1071	EA	Class A (Style Y) NAC Option Module For FCPS-2406 And FCPS-2408 (Notifier ZNAC-4)	227.03	28.98
28 46 13 31-1072	EA	240 Volt AC Addressable Power Supply (Notifier AMPS-24E)	1,836.86	28.98
28 46 13 31-1073	EA	6 Amperes, 120 Volt AC Auxiliary Power Supply (Notifier APS2-6R)	904.53	86.93
28 46 13 31-1074	EA	6 Amperes, 220-240 Volt AC Auxiliary Power Supply (Notifier APS2-6RE)	942.92	86.93
28 46 13 31-1075	EA	25 To 75 Ampere Hour Sealed Lead Acid Battery Charger (Notifier CHG-75)	865.42	28.98

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-1076	EA	6 Amperes, 240 Volt AC Remote Charger Power Supply (Notifier FCPS-24S6E)	871.61	86.93
28 46 13 31-1077	EA	6 Amperes, 120 Volt AC Remote Charger Power Supply (Notifier FCPS-24S6R)	850.77	86.93
28 46 13 31-1078		**Network Control Annunciators** *(28 46 13 31-0796)*		
28 46 13 31-1079	EA	Network Control Annunciator For NFS2-3030, NFS-3030, NFS-320, NFS-640 And NFS2-640 (Notifier NCA-2)	2,443.33	86.93
28 46 13 31-1080	EA	Retro-Fit Plate For Mounting NCA2 (Notifier NCA-2RETRO)	91.16	17.39
28 46 13 31-1081	EA	Kit For Mounting NCA-2 To CHS-M2 (Notifier NCA/640-2-Kit)	65.03	17.39
28 46 13 31-1082		**FIRSTVISION Firefighter's Display** *(28 46 13 31-0796)*		
28 46 13 31-1083	EA	ONYX Firstvision™ Touchscreen Assembly (Notifier FIRSTVISION-LCD)	18,823.35	579.52
28 46 13 31-1084		**FlashScan Addressable Modules** *(28 46 13 31-0796)*		
28 46 13 31-1085	EA	Intelligent Addressable Control Module (Notifier FCM-1)	207.87	28.98
28 46 13 31-1086	EA	Addressable Dual Monitor Module (Notifier FDM-1)	232.63	28.98
28 46 13 31-1087	EA	Intelligent Addressable Monitor Module (Notifier FMM-1)	172.11	28.98
28 46 13 31-1088	EA	Intelligent Addressable Miniature Monitor Module (Notifier FMM-101)	152.86	28.98
28 46 13 31-1089	EA	Intelligent Addressable 4 - 20mA Analog Input Module (Notifier FMM-4-20)	319.28	28.98
28 46 13 31-1090	EA	Intelligent Addressable Relay Module (Notifier FRM-1)	190.42	28.98
28 46 13 31-1091	EA	Intelligent Addressable 2-Wire Detector Monitor Module (Notifier FZM-1)	262.89	28.98
28 46 13 31-1092	EA	SLC Loop Powered Fault Isolator Module (Notifier ISO-X)	169.36	28.98
28 46 13 31-1093		**Addressable Device Bases And Accessories** *(28 46 13 31-0796)*		
28 46 13 31-1094	EA	Intelligent Detector Base With Flange (Notifier B710LP)	61.10	14.48
28 46 13 31-1095	EA	Weatherproof Device Housing (Notifier DH400OE-1)	540.73	28.98
28 46 13 31-1096	EA	Detector Base For All Wireless Smoke And Heat Detectors (Notifier B210W)	59.34	14.48
28 46 13 31-1097	EA	Swift AV Base Ceiling (Notifier WAV-CRL)	337.37	14.48
28 46 13 31-1098	EA	Swift AV Base Wall (Notifier WAV-RL)	337.37	14.48
28 46 13 31-1099		**XP6/XP10 Transponder** *(28 46 13 31-0796)*		
28 46 13 31-1100	EA	Synchronization Daughter Module For XP6-C (Notifier SYNC-1)	152.17	28.98
28 46 13 31-1101	EA	Six Circuit Supervised Control Module (Notifier XP6-C)	778.68	28.98
28 46 13 31-1102	EA	Six Zone Intelligent To Conventional Interface Module (Notifier XP6-MA)	943.73	28.98
28 46 13 31-1103	EA	Six Relay Control Module (Notifier XP6-R)	748.42	28.98
28 46 13 31-1104	EA	Ten Input Monitor Module (Notifier XP10-M)	902.47	28.98
28 46 13 31-1105		**LCD Display Annunciators** *(28 46 13 31-0796)*		
28 46 13 31-1106	EA	80 Character LCD Fire Annunciator For FireWarden-100-2, NFS-640, NFS2-640 And NFS-320 (Notifier FDU-80)	992.24	86.93
28 46 13 31-1107	EA	80 Character LCD Annunciator For NFS-640, NFS-3030, NFS2-640, NFS2-3030 And NFS-320 (Notifier LCD-80)	1,397.99	86.93
28 46 13 31-1108	EA	640 Character LCD Annunciator For NFS-3030 And NFS2-3030 (Notifier LCD-160)	1,447.51	86.93
28 46 13 31-1109	EA	8 To 16 Switch Smoke Control Expander (Notifier SCE-8)	967.64	28.98
28 46 13 31-1110	EA	8 To 16 Switch Smoke Control Lamp Driver Expander (Notifier SCE-8L)	509.23	28.98
28 46 13 31-1111	EA	Eight Switch Smoke Control Master Module (Notifier SCS-8)	1,255.79	28.98
28 46 13 31-1112	EA	White, 80 Character Display, Remote LCD Annunciator (Notifier N-ANN-80-W)	621.47	86.93
28 46 13 31-1113		**ONYX ACM And AEM Series LED Annunciators** *(28 46 13 31-0796)*		
28 46 13 31-1114	EA	Remote, Eight Form C Relay Module (Notifier ACM-8R)	550.90	28.98
28 46 13 31-1115	EA	16 Alarm LEDs, 16 Trouble LEDs, 16 Controls Switches, Annunciator Control Module (Notifier ACM-16AT)	1,033.14	28.98
28 46 13 31-1116	EA	16 Alarm LEDs, 16 Trouble LEDs, 16 Control Switches, Annunciator Expander Module (Notifier AEM-16AT)	789.68	28.98
28 46 13 31-1117	EA	24 Alarm LEDs, 24 Trouble LEDs, 24 Control Switches, Annunciator Control Module (Notifier ACM-24AT)	1,033.14	28.98
28 46 13 31-1118	EA	24 Alarm LEDs, 24 Trouble LEDs, 24 Control Switches, Annunciator Expander Module (Notifier AEM-24AT)	789.68	28.98
28 46 13 31-1119	EA	32 Alarm LEDs And 1 Trouble LED, Control Module (Notifier ACM-32A)	789.68	28.98
28 46 13 31-1120	EA	32 Alarm And 1 Trouble LED, Annunciator Expander Module (Notifier AEM-32A)	707.16	28.98
28 46 13 31-1121	EA	48 Alarm And 1 Trouble LED Annunciator Control Module (Notifier ACM-48A)	789.68	28.98
28 46 13 31-1122	EA	48 Alarm And 1 Trouble LED, Annunciator Expander Module (Notifier AEM-48A)	707.16	28.98
28 46 13 31-1123		**Graphic Annunciator - Lamp Driver Modules** *(28 46 13 31-0796)*		
28 46 13 31-1124	EA	Single Annunciator Flush Mounted Backbox (Notifier ABF-1B)	316.72	57.95
28 46 13 31-1125	EA	Single Annunciator Flush Mounted Backbox With Glass Door And Key Lock (Notifier ABF-1DB)	345.61	57.95
28 46 13 31-1126	EA	Two Annunciator Flush Mounted Backbox (Notifier ABF-2B)	396.58	72.44
28 46 13 31-1127	EA	Two Annunciator Flush Mounted Backbox With Glass Door And Key Lock (Notifier ABF-2DB)	433.71	72.44
28 46 13 31-1128	EA	Four Annunciator Flush Mounted Backbox (Notifier ABF-4B)	700.74	101.41
28 46 13 31-1129	EA	Annunciator Blank Plate Used With ACM-32A/ACM-16AT (Notifier ABM-1)	124.86	17.39
28 46 13 31-1130	EA	Single Annunciator Surface Mounted Backbox (Notifier ABS-1B)	199.12	57.95
28 46 13 31-1131	EA	Single Annunciator Surface Mounted Backbox With Trim (Notifier ABS-1TB)	193.73	14.48
28 46 13 31-1132	EA	Two Annunciator Surface Mounted Backbox (Notifier ABS-2B)	252.08	57.95
28 46 13 31-1133	EA	12" x 12" x 3-3/4" Surface Or Semi-Flush Mount Backbox (Notifier ABS-2D)	452.97	72.44
28 46 13 31-1134	EA	Red, Surface (Or Semi-Flush) Mounted Backbox For ACS Annunciators, SCS Series, NCA And NCA-2 (Notifier ABS-2DR)	367.54	14.48
28 46 13 31-1135	EA	Black, 12" x 20" x 3-1/2" Surface Or Semi-Flush Backbox (Notifier ABS-4D)	737.88	101.41
28 46 13 31-1136	EA	Red, 12" x 20" x 3-1/2" Surface Or Semi-Flush Backbox (Notifier ABS-4DR)	622.72	17.39
28 46 13 31-1137	EA	Black, 9-15/16" x 4-5/8" x 2-1/2" Surface Backbox (Notifier ABS-8RB)	232.27	23.18

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-1138	EA	Annunciator Key Switch (Notifier AKS-1B)	118.90	8.69
28 46 13 31-1139	EA	Chassis Used To Mount NCA-2 In ABS-2D (Notifier CHS-2D)	116.41	28.98
28 46 13 31-1140	EA	32 Alarm Lamp Driver Annunciator Control Module (Notifier LDM-32)	707.16	28.98
28 46 13 31-1141	EA	24" Lamp Driver Annunciator Cable (Notifier LDM-CBL24)	211.03	5.79
28 46 13 31-1142	EA	48" Lamp Driver Annunciator Cable (Notifier LDM-CBL48)	264.61	5.79
28 46 13 31-1143	EA	32 Alarm Lamp Driver Annunciator Expander Module (Notifier LDM-E32)	581.99	28.98
28 46 13 31-1144	EA	Lamp Driver Module (Notifier LDM-R32)	1,028.37	28.98
28 46 13 31-1145	EA	Eight Switch Smoke Control Lamp Driver Master Module (Notifier SCS-8L)	953.36	28.98
28 46 13 31-1146	EA	48" Cable Assembly For Smoke Control Lamp Driver (Notifier SCS8L-CBL48)	271.76	5.79
28 46 13 31-1147	EA	Black, Trim Ring For ABS-2D Cabinet (Notifier TR-ABS2D)	241.36	17.39
28 46 13 31-1148	EA	Black, Trim Ring For ABS-4D Cabinet (Notifier TR-ABS4D)	139.06	17.39
28 46 13 31-1149	EA	Red, Trim Ring For ABS-4D Cabinet (Notifier TR-ABS4DR)	139.06	17.39
28 46 13 31-1150	EA	Graphic Annunciator Dress Plate (Notifier DP-GDIS1)	230.64	17.39
28 46 13 31-1151	EA	Graphic Annunciator Dress Plate (Notifier DP-GDIS2)	230.64	17.39
28 46 13 31-1152	EA	Input/Output Module For Driving Graphic Annunciators Or Relays (Notifier N-ANN-RLED)	569.80	28.98

28 46 13 31-1153 Network Gateways *(28 46 13 31-0796)*

28 46 13 31-1154	EA	Common Alerting Protocol Gateway (Notifier CAP-GW)	3,458.99	28.98
28 46 13 31-1155	EA	Fiber-Optic Cable Interface (Multi-Mode), High-Speed Network Communications Module (Notifier HS-NCM-MF)	2,572.53	28.98
28 46 13 31-1156	EA	Fiber-Optic Cable Interface (Multi-Mode Fiber To Single-Mode Fiber), High-Speed Network Communications Module (Notifier HS-NCM-MFSF)	2,899.46	28.98
28 46 13 31-1157	EA	Fiber-Optic Cable Interface (Single-Mode), High-Speed Network Communications Module (Notifier HS-NCM-SF)	3,195.68	28.98
28 46 13 31-1158	EA	Twisted-Pair Wire Interface, High-Speed Network Communications Module (Notifier HS-NCM-W)	2,595.57	28.98
28 46 13 31-1159	EA	Wire And Fiber-Optic Cable Interface, High-Speed Network Communications Module (Multi-Mode) (Notifier HS-NCM-WMF)	2,525.35	28.98
28 46 13 31-1160	EA	Wire And Fiber-Optic Cable Interface (Single-Mode), High-Speed Network Communications Module (Notifier HS-NCM-WSF)	2,844.61	28.98
28 46 13 31-1161	EA	Modbus Gateway (Notifier MODBUS-GW)	2,833.64	28.98
28 46 13 31-1162	EA	22" Widescreen HD LED Color Monitor With Speakers (Notifier MON-22LCDW)	3,280.06	19.12
28 46 13 31-1163	EA	Capacitive Touch-Screen, 22" Widescreen HD LED Color Monitor With Speakers (Notifier MON-22LCDW-TS)	4,881.84	19.12
28 46 13 31-1164	EA	1920x1080P Wide Screen (Notifier MON-42LCDW)	15,490.90	19.12
28 46 13 31-1165	EA	Single Monitor, Wall Mounted, Horizontal, Tilt, Bracket (Notifier MON-42HORZ-SD)	751.96	43.46
28 46 13 31-1166	EA	Single Monitor, Vertical Mounted, Bracket (Notifier MON-42VERT-SD)	1,394.33	43.46
28 46 13 31-1167	EA	Dual Monitors, Vertical Wall Mounted, Fixed Position, Bracket (Notifier MON-42VERT-DD)	2,044.24	43.46
28 46 13 31-1168	EA	Mass Notification Voice Paging (Notifier NOTIFY-IP)	1,298.98	
28 46 13 31-1169	EA	Embedded NFN Gateway (Notifier NFN-GW-EM)	3,001.39	28.98
28 46 13 31-1170	EA	NFN Gateway PC Card With Fiber (Notifier NFN-GW-PC-F)	3,001.39	28.98
28 46 13 31-1171	EA	High Speed NFN Gateway PC Card For Multimode Fiber (Included With ONYXworks-HNMF) (Notifier NFN-GW-PC-HNMF)	3,930.75	28.98
28 46 13 31-1172	EA	High Speed NFN Gateway PC Card For Single Mode Fiber (Included With ONYXworks-HNSF) (Notifier NFN-GW-PC-HNSF)	4,578.04	28.98
28 46 13 31-1173	EA	High Speed NFN Gateway PC Card For Wire (Included With ONYXworks-HNW) (Notifier NFN-GW-PC-HNW)	3,930.75	28.98
28 46 13 31-1174	EA	NFN Gateway PC Card With Wire (Notifier NFN-GW-PC-W)	3,001.39	28.98
28 46 13 31-1175	EA	Alpha-Numeric Pager Option For ONYXworks (Notifier ONYX-PAGER)	1,813.73	
28 46 13 31-1176	EA	ONYXWorks Workstation (Notifier ONYXWORKS-WS)	28,914.84	695.42
28 46 13 31-1177	EA	Fiber Network Graphical User Interface (Notifier ONYXWorks-Lite OW-LITE-NW) Note: Includes PC slot network fiber card, workstation software and security key with a four node license. Excludes PC workstation.	7,141.25	
28 46 13 31-1178	EA	Wired Network Graphical User Interface (Notifier ONYXWorks-Lite OW-LITE-NF) Note: Includes PC slot network fiber card, workstation software and security key with a four node license. Excludes PC workstation.	7,141.25	
28 46 13 31-1179	EA	Fiber Optics, Standard Network Repeater Board (Notifier RPT-F)	1,198.94	28.98
28 46 13 31-1180	EA	Wire, Standard Network Repeater Board (Notifier RPT-W)	976.23	28.98
28 46 13 31-1181	EA	Wire To Fiber Optics, Standard Network Repeater Board (Notifier RPT-WF)	1,161.64	28.98
28 46 13 31-1182	EA	Signaling Line Circuit Integration Module (Notifier SLC-IM)	1,296.59	28.98
28 46 13 31-1183	EA	VESDA Gateway That Provides A Communication Link Between The Noti-Fire-Net™ Network And Vesda™ Detectors On The Vesdanet™ (Notifier VESDA-HLI-GW)	2,701.99	28.98
28 46 13 31-1184	EA	Vesda™ High Level Interface Card Used With SLC-IM And Vesda-HLI-GW To Provide A Communication Link Between The Noti-Fire-Net™ Network And Vesda™ Detectors On The Vesdanet™ (Notifier VHX-1420-HFS)	2,718.08	28.98
28 46 13 31-1185	EA	Windows Hard Drive Upgrade (Notifier WIN7-UG-US-3)	3,022.88	
28 46 13 31-1186	EA	Intuitive Color 10" Touch Screen Providing Color Coded Information Of Detailed System Status (Notifier NCD)	1,662.92	19.12
28 46 13 31-1187	EA	SWIFT Wireless Gateway With Flashscan (Notifier FWSG)	490.28	28.98

28 46 13 31-1188 NOTI-FIRE-NET Network Components *(28 46 13 31-0796)*

28 46 13 31-1189	EA	Interface Between NOTI-FIRE-NET 50 And BACnet (Notifier BACNET-GW-3)	3,001.39	28.98
28 46 13 31-1190	EA	Fiber Optic Network Communications Module (Notifier NCM-F)	1,332.98	28.98
28 46 13 31-1191	EA	NOTI-FIRE-NET Web Server (Notifier NWS)	3,001.39	28.98
28 46 13 31-1192	EA	Wired Network Communications Module (Notifier NCM-W)	1,269.71	28.98
28 46 13 31-1193	EA	Fiber Optic Converter Module Mounting Kit (Notifier SMF-Kit)	133.79	14.48

28 46 13 31-1194 FireWarden Addressable Fire Panels *(28 46 13 31-0796)*

28 46 13 31-1195	EA	50 Point, Addressable Fire Alarm Control Panel With Digital Alarm Communicator/Transmitter (Notifier NFW-50)	2,472.59	579.52
28 46 13 31-1196	EA	Black, One SLC Loop, 120 Volt AC, 198 Point Addressable Fire Alarm Control Panel With Digital Alarm Communicator/Transmitter (Notifier NFW2-100)	2,960.87	579.52
28 46 13 31-1197	EA	Black, One DC Loop, 120 Volt AC, 198 Point Addressable Fire Alarm Control Panel With Digital Alarm Communicator/Transmitter (Notifier NFW2-100C)	3,030.71	289.76
28 46 13 31-1198	EA	Black, One SLC Loop, 240 Volt AC, 198 Point Addressable Fire Alarm Control Panel With Digital Alarm Communicator/Transmitter (Notifier NFW2-100E)	3,030.71	289.76

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-1199	EA	Red, One SLC Loop, 120 Volt AC, 198 Point Addressable Fire Alarm Control Panel With Digital Alarm Communicator/Transmitter (Notifier NFW2-100R)	3,017.54	289.76
28 46 13 31-1200	EA	Black, Built In Digital Alarm Communicator/Transmitter (DACT) With Modem For Remote Upload/Download, Built In Annunciator, 50 Point Addessable Fire Alarm Control Panel (Notifier NFW-50C)	3,467.36	289.76
28 46 13 31-1201	EA	Red, Built In Digital Alarm Communicator/Transmitter (DACT) With Modem For Remote Upload/Download, 50 Point Addessable Fire Alarm Control Panel (NFW-50R)	2,484.35	289.76
28 46 13 31-1202		**FireWarden Accessories** *(28 46 13 31-0796)*		
28 46 13 31-1203	EA	Intelligent Multicriteria Photo/Thermal Detector With Base (Notifier NP-A100)	227.43	43.46
28 46 13 31-1204	EA	Intelligent Addressable Photo/Thermal Detector With Base (Notifier NP-100T)	215.53	43.46
28 46 13 31-1205		**FireWarden Devices** *(28 46 13 31-0796)*		
28 46 13 31-1206	EA	SLC Loop Powered Fault Isolator Module (Notifier N100-ISO)	167.99	28.98
28 46 13 31-1207	EA	Intelligent Addressable Control Module (Notifier NC-100)	201.00	28.98
28 46 13 31-1208	EA	Intelligent Addressable Relay Module (Notifier NC-100R)	192.74	28.98
28 46 13 31-1209	EA	Intelligent Addressable Low Flow Duct Photoelectric Smoke Detector (Notifier ND-100)	474.04	43.46
28 46 13 31-1210	EA	Intelligent Addressable Low Flow Duct Photoelectric Smoke Detector With DPDT Relay (Notifier ND-100R)	575.46	43.46
28 46 13 31-1211	EA	Two Zone Intelligent Addressable, Two Wire Detector Monitor Module (Notifier NDM-100)	192.74	28.98
28 46 13 31-1212	EA	Intelligent Addressable Thermal Detector With Base (Notifier NH-100)	194.21	43.46
28 46 13 31-1213	EA	Intelligent Addressable High Temperature Thermal Detector With Base (Notifier NH-100H)	194.21	43.46
28 46 13 31-1214	EA	Intelligent Addressable Rate-Of-Rise Thermal Detector With Base (Notifier NH-100R)	194.21	43.46
28 46 13 31-1215	EA	Intelligent Addressable Ionization Smoke Detector With Base (Notifier NI-100)	265.74	43.46
28 46 13 31-1216	EA	Intelligent Addressable Monitor Module (Notifier NMM-100)	165.23	28.98
28 46 13 31-1217	EA	Intelligent Addressable Mini Monitor Module (Notifier NMM-100P)	149.42	28.98
28 46 13 31-1218	EA	Intelligent Addressable Manual Pull Station (Notifier NOT-BG12LX)	226.44	28.98
28 46 13 31-1219	EA	Intelligent Addressable Photoelectric Smoke Detector With Base (Notifier NP-100)	203.84	43.46
28 46 13 31-1220	EA	Intelligent Addressable 2-Wire Detector Monitor Module (Notifier NZM-100)	254.64	28.98
28 46 13 31-1221	EA	Six Zone Intelligent Addressable 2-Wire Detector Monitor Module (Notifier NZM-100-6)	921.73	28.98
28 46 13 31-1222		**SFP-2402 And SFP-2404 2 And 4-Zone Control Panels And Accessories** *(28 46 13 31-0796)*		
28 46 13 31-1223	EA	120 Volt AC, Two Zone Conventional Fire Alarm Control Panel (Notifier SFP-2402)	1,614.94	463.61
28 46 13 31-1224	EA	120 Volt AC, Four Zone Conventional Fire Alarm Control Panel (Notifier SFP-2404)	1,792.37	463.61
28 46 13 31-1225	EA	240 Volt AC, Two Zone Conventional Fire Alarm Control Panel (Notifier SFP-2402E)	1,253.15	144.87
28 46 13 31-1226	EA	240 Volt AC, Four Zone Conventional Fire Alarm Control Panel (Notifier SFP-2404E)	1,427.59	144.87
28 46 13 31-1227	EA	Class A Converter Module (Notifier CAC-4)	454.45	28.98
28 46 13 31-1228	EA	Internal Dress Plate, Required For FM And ULC (Notifier DP-4X)	163.66	17.39
28 46 13 31-1229	EA	Remote Zone Annunciator (Notifier RZA-4X)	233.39	43.46
28 46 13 31-1230	EA	Red, Dress Panel (Notifier DP-51050)	198.49	17.39
28 46 13 31-1231	EA	Black, Dress Panel (Notifier DP-51050B)	200.87	17.39
28 46 13 31-1232		**SFP-5UD 5 Zone Control Panels And Accessories** *(28 46 13 31-0796)*		
28 46 13 31-1233	EA	120 Volt AC, Five Zone Conventional Fire Alarm Control Panel (Notifier SFP-5UD)	2,527.60	579.52
28 46 13 31-1234	EA	120 Volt AC, Five Zone Conventional Fire Alarm Control Panel (Notifier SFB-5UDC)	4,364.14	434.63
28 46 13 31-1235	EA	240 Volt AC, Five Zone Conventional Fire Alarm Control Panel (Notifier SFB-5UDE)	2,877.76	289.76
28 46 13 31-1236	EA	Red, 120 Volt AC, Five Zone Conventional Fire Alarm Control Panel (Notifier SFB-5UDR)	2,877.76	289.76
28 46 13 31-1237	EA	Class A Converter Module (Notifier N-CAC-5X)	471.12	28.98
28 46 13 31-1238	EA	Red, Trim Ring For NFW2-100, NFW-50, SFB-5UD, SFB-10UD, RP-2001, RP-2002 Cabinet (Notifier TR-CE)	177.65	17.39
28 46 13 31-1239	EA	Five Zone Conventional Fire Control Panel With DACT And 7 Amperes Power Supply, ULC/UL Listed (Notifier SFP-5UDC) Note: Includes internal dress panel with built-in annunciator module	3,758.33	434.63
28 46 13 31-1240	EA	240 Volt AC, Five Zone Conventional Fire Control Panel With DACT And 3 Amperes Power Supply (Notifier SFP-5UDE)	2,488.74	289.76
28 46 13 31-1241	EA	Red, 120 Volt AC, Five Zone Conventional Fire Control Panel Wth DACT And 3 Amperes Power Supply (Notifier SFP-5UDR)	2,465.70	289.76
28 46 13 31-1242		**SFP-10UD 10 Zone Control Panels And Accessories** *(28 46 13 31-0796)*		
28 46 13 31-1243	EA	120 Volt AC, 10 Zone Conventional Fire Alarm Control Panel With Built-In Digital Alarm Communicator Transmitter (Notifier SFB-10UDC)	5,280.49	579.52
28 46 13 31-1244	EA	240 Volt AC, 10 Zone Conventional Fire Alarm Control Panel With Built-In Digital Alarm Communicator Transmitter (Notifier SFB-10UDE)	3,947.84	434.63
28 46 13 31-1245	EA	120 Volt AC, 10 Zone Conventional Fire Alarm Control Panel With Built-In Digital Alarm Communicator Transmitter (Notifier SFP-10UD)	2,912.73	579.52
28 46 13 31-1246	EA	Red, 120 Volt AC, 10 Zone Conventional Fire Alarm Control Panel With Built-In Digital Alarm Communicator Transmitter (Notifier SFB-10UDR)	4,527.36	579.52
28 46 13 31-1247	EA	Four Channel, Dual Line, Stand Alone Fire Alarm Communicator (Fire-Lite 411UDAC)	762.54	86.93
28 46 13 31-1248	EA	10 Zone Conventional Fire Control Panel With DACT And 7 Amperes Power Supply, ULC/UL Listed (Notifier SFP-10UDC) Note: Includes internal dress panel with built-in annunciator module	4,602.25	579.52
28 46 13 31-1249	EA	240 Volt AC, 10 Zone Conventional Fire Control Panel With DACT And 7 Amperes Power Supply (Notifier SFP-10UDE)	3,432.49	434.63
28 46 13 31-1250	EA	Red, 10 Zone Conventional Fire Control Panel With DACT And 7 Amperes Power Supply (Notifier SFP-10UDR)	3,984.58	579.52
28 46 13 31-1251		**Smoke Detectors** *(28 46 13 31-0796)*		
28 46 13 31-1252	EA	Low Profile Intelligent Addressable Ionization Smoke Detector (Notifier FSI-851)	284.99	43.46

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-1253	EA	Intelligent Addressable Laser Smoke Detector (Notifier FSL-751)	485.81	43.46
28 46 13 31-1254	EA	Intelligent Addressable Laser Duct Smoke Detector (Notifier FSL-751D)	1,439.26	43.46
28 46 13 31-1255	EA	Remote Test Capable Intelligent Addressable Photo Detector (Notifier NP-100R) Note: For use with DNR(W) duct detector housing.	202.43	43.46
28 46 13 31-1256	EA	Filters For Harsh Detector (Notifier RF-FTX)	24.49	
28 46 13 31-1257	EA	Key Activated Remote Test Station For Duct Smoke Detector (Notifier RTS151KEY)	171.77	28.98
28 46 13 31-1258	EA	Addressable Beam Detector With Reflector, UL Listed (Notifier FS-OSI-RI)	1,892.77	43.46
28 46 13 31-1259	EA	Intelligent Addressable Photo Detector With Flashscan, White (Notifier FSP-951)	211.06	43.46
28 46 13 31-1260	EA	Intelligent Addressable Photo Detector With Flashscan And Clip, Ivory (Notifier FSP-951-IV)	230.71	43.46
28 46 13 31-1261	EA	Remote Test Capable Intelligent Photo Detector With Flashscan, White (Notifier FSP-951R)	220.88	43.46
28 46 13 31-1262	EA	Remote Test Capable Intelligent Photo Detector With Flashscan And Clip, Ivory (Notifier FSP-951R-IV)	238.74	43.46
28 46 13 31-1263	EA	Intelligent Addressable Photo/Thermal Detector With Flashscan, White (Notifier FSP-951T)	222.07	43.46
28 46 13 31-1264	EA	Intelligent Addressable Photo/Thermal Detector With Flashscan, Ivory (Notifier FSP-951T-IV)	239.93	43.46
28 46 13 31-1265	EA	Intelligent Addressable 135 Degree Thermal Detector With Flashscan, White (Notifier FST-951)	179.80	43.46
28 46 13 31-1266	EA	Intelligent Addressable High Temperature 190 Degree Heat Detector With Flashscan (Notifier FST-951H)	179.80	43.46
28 46 13 31-1267	EA	Intelligent Addressable High Temperature 190 Degree Heat Detector With Flashscan And Clip, Ivory (Notifier FST-951H-IV)	196.47	43.46
28 46 13 31-1268	EA	Intelligent Addressable 135 Degree Thermal Detector With Flashscan And Clip, Ivory (Notifier FST-951-IV)	196.47	43.46
28 46 13 31-1269	EA	Intelligent Addressable Rate-of-Rise Thermal Detector With Flashscan, White (Notifier FST-951R)	179.80	43.46
28 46 13 31-1270	EA	Intelligent Addressable Rate-of-Rise Thermal Detector With Flashscan And Clip, Ivory (Notifier FST-951R-IV)	196.47	43.46
28 46 13 31-1271	EA	Low Profile Intelligent Addressable High Sensitivity Detector With Flashscan, White (Notifier FSV-951R)	489.39	43.46
28 46 13 31-1272	EA	Low Profile Intelligent Addressable High Sensitivity Detector With Flashscan, Ivory (Notifier FSV-951R-IV)	525.11	43.46
28 46 13 31-1273	EA	Wireless Photo-Heat Detector, Acclimate, With Flashscan (Notifier FWD-200ACCLIMATE) Note: Requires B210W base, ordered separately	488.20	43.46
28 46 13 31-1274	EA	Wireless Photo Detector With Flashscan (Notifier FWD-200P) Note: Requires B210W base, ordered separately	448.90	43.46
28 46 13 31-1275	EA	Wireless Fixed Temp Heat Detector, 135 Degree, With Flashscan (Notifier FWH-200FIX135) Note: Requires B210W base, ordered separately	407.23	43.46
28 46 13 31-1276	EA	Wireless ROR Heat Detector, 135 Degree, With Flashscan (Notifier FWH-200ROR135) Note: Requires B210W base, ordered separately	407.23	43.46
28 46 13 31-1277	EA	Intelligent Addressable Carbon Monoxide Detector With Flashscan (Notifier FPC-951)	295.30	43.46
28 46 13 31-1278	EA	Built In Circular Display, 3 Alarm Levels, Smoke Detector (Notifier VLF-250) Note: Use for areas up to 2,500 square feet. Adjustable sensitivity range is 0.008 - 6% ro 6.4 /Ft. Obs.	2,914.18	43.46
28 46 13 31-1279	EA	Built In Circular Display, 3 Alarm Levels, Smoke Detector (Notifier VLF-500) Note: Use for areas up to 2,500 square feet. Adjustable sensitivity range is 0.008 - 6% ro 6.4 /Ft. Obs.	3,572.56	43.46

28 46 13 31-1280 Pull Stations *(28 46 13 31-0796)*

28 46 13 31-1281	EA	Trim Ring For NBG12 Series Pull Station (Notifier BG12TR)	36.36	5.79
28 46 13 31-1282	EA	One End Tapped For 1/2" Conduit, Aluminum, Surface Mounted Backbox (Notifier BG-2)	91.16	14.48
28 46 13 31-1283	EA	Red, One End Tapped For 1/2" Conduit, Aluminum, Surface Mounted Backbox (Notifier BG-2R)	78.51	14.48
28 46 13 31-1284	EA	Red Letters, Spring Retainer, Aluminum Single Action Pull Station (Notifier BNG-1)	117.54	28.98
28 46 13 31-1285	EA	DPDT Switch, Red Letters, Spring Retainer, Aluminum Single Action Pull Station (Notifier BNG-1F)	130.50	28.98
28 46 13 31-1286	EA	Terminal Switch, DPDT Switch, Red Letters, Spring Retainer, Aluminum Single Action Pull Station (Notifier BNG-1FTS)	181.46	28.98
28 46 13 31-1287	EA	Red Body, Silver Letters, Spring Retainer, Aluminum Single Action Pull Station (Notifier BNG-1R)	117.54	28.98
28 46 13 31-1288	EA	Red Letters, Spring Retainer, Aluminum Single Action Pull Station With Terminal Strip (Notifier BNG-1TS)	136.54	28.98
28 46 13 31-1289	EA	Standard Local Style Red Letters, Spring Retainer, Aluminum Single Action Pull Station With Terminal Strip (Notifier BNG-1TSL)	136.54	28.98
28 46 13 31-1290	EA	Terminal Strip, Red Body, Red Letters, Spring Retainer, Aluminum Single Action Pull Station (Notifier BNG-1TSR)	136.54	28.98
28 46 13 31-1291	EA	Red Letters, Breakglass, Aluminum Single Action Pull Station (Notifier BRG-1)	128.77	28.98
28 46 13 31-1292	EA	Red Body, Silver Letters, Breakglass, Aluminum Single Action Pull Station (Notifier BRG-1R)	140.00	28.98
28 46 13 31-1293	EA	Hazardous, Non-Hazardous, Weatherproof, Harsh Locations Fire Alarm Pull Station (Notifier HAZ-WP-PULL)	964.78	34.77
28 46 13 31-1294	EA	Red, Single Action Fire Alarm Pull Station (Notifier NBG-12S)	102.13	28.98
28 46 13 31-1295	EA	Red, Dual Action Fire Alarm Pull Station (Notifier NBG-12)	107.25	28.98
28 46 13 31-1296	EA	Red, Key Lock, Dual Action Fire Alarm Pull Station (Notifier NBG-12L)	114.69	28.98
28 46 13 31-1297	EA	Red, Outdoor, Key Lock, Dual Action Fire Alarm Pull Station (Notifier NBG-12LOB)	268.98	34.77
28 46 13 31-1298	EA	Red, Presignal, Key Lock, Dual Action Fire Alarm Pull Station (Notifier NBG-12LPS)	163.62	28.98
28 46 13 31-1299	EA	Red, Agent Releasing, Key Lock, Dual Action Fire Alarm Pull Station (Notifier NBG-12LR)	136.54	28.98
28 46 13 31-1300	EA	Addressable Manual Dual Action Fire Alarm Pull Station (Notifier NBG-12LX)	227.82	28.98
28 46 13 31-1301	EA	Pull Station Trim Plate For New York City, For Use With All NBG Series Pull Stations (Notifier NY-PLATE)	68.59	5.79
28 46 13 31-1302	EA	Dual Action, Wireless Pull Station (Notifier NBG-12WL)	480.33	34.77

28 46 13 31-1303 Rate Compensation Heat Detectors *(28 46 13 31-0796)*

28 46 13 31-1304	EA	135 Degree F Explosion Proof Rate Compensation Heat Detectors (Edwards Signaling 302-EPM-135)	207.97	43.46
28 46 13 31-1305	EA	194 Degree F Explosion Proof Rate Compensation Heat Detectors (Edwards Signaling 302-EPM-194)	207.97	43.46

28 46 13 31-1306 FM Series Door Releases *(28 46 13 31-0796)*

28 46 13 31-1307	EA	1/2" Door Holder Spacer (Notifier FM900-50)	33.90	8.69
28 46 13 31-1308	EA	3/4" Door Holder Spacer (Notifier FM900-75)	33.90	8.69
28 46 13 31-1309	EA	1" Door Holder Spacer (Notifier FM900-100)	33.90	8.69
28 46 13 31-1310	EA	Door Holder Extension Kit (Notifier FM900)	35.96	8.69
28 46 13 31-1311	EA	90 Degree Door Holder Extension Kit (Notifier FM900-Z)	36.65	8.69
28 46 13 31-1312	EA	12 Volt DC, 24 Volt AC/DC Or 120 Volt AC, Floor Mounted, Door Holder (Notifier FM980)	232.55	43.46
28 46 13 31-1313	EA	12 Volt DC, 24 Volt AC/DC Or 120 Volt AC, Surface Mounted, Door Holder (Notifier FM996)	202.47	43.46
28 46 13 31-1314	EA	12 Volt DC, 24 Volt AC/DC Or 120 Volt AC, Recessed Mounted, Concealed Wiring, Door Holder (Notifier FM998)	202.47	43.46

28 46 13 31-1315 Multicriteria Fire Detector *(28 46 13 31-0796)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-1316	EA	Intelligent Addressable Combination Multi-Criteria Fire/Carbon Monoxide Detector With Flashscan (Notifier FCO-851)	354.84	43.46
28 46 13 31-1317	EA	Intelligent Addressable Multicriteria Fire Detector (Notifier FSC-851) Note: Detects fire, thermal, photo, CO and IR, with Flashscan.	353.65	43.46
28 46 13 31-1318	EA	Multi-Criteria Photo/Temp/Infrared Detector, White (Notifier FPTI-951)	227.43	43.46
28 46 13 31-1319	EA	Multi-Criteria Photo/Temp/Infrared Detector, Ivory (Notifier FPTI-951-IV)	235.77	43.46
28 46 13 31-1320	EA	Intelligent Addressable Combination Multi-Criteria Photoelectric And Carbon Monoxide Detector With Flashscan (Notifier FSCO-951)	354.84	43.46
28 46 13 31-1321		**Modules** *(28 46 13 31-0796)*		
28 46 13 31-1322	EA	Intelligent Addressable Dual Monitor/Dual Relay Module (Notifier FDRM-1)	428.26	28.98
28 46 13 31-1323	EA	Addressable Firephone Control Module (Notifier FTM-1)	262.75	28.98
28 46 13 31-1324	EA	Wireless Monitor Module With Flashscan (Notifier FW-MM)	413.97	28.98
28 46 13 31-1325	EA	Wireless Relay Module With Flashscan (Notifier FW-RM)	479.46	28.98
28 46 13 31-1326	EA	Wireless Sync Module (Notifier W-SYNC)	456.20	28.98
28 46 13 31-1327		**DH Series Door Releases** *(28 46 13 31-0796)*		
28 46 13 31-1328	EA	Semi-Flush, Powder Coated Chrome, Electromagnetic Door Holder (Notifier DH24120FPC)	215.23	43.46
28 46 13 31-1329	EA	Semi-Flush, Plated Brass, Electromagnetic Door Holder (Notifier DH24120FB)	229.81	43.46
28 46 13 31-1330	EA	Semi-Flush, Powder Coated Dark Bronze, Electromagnetic Door Holder (Notifier DH24120FD)	243.51	43.46
28 46 13 31-1331	EA	Surface Mounted, Powder Coated Chrome, Electromagnetic Door Holder (Notifier DH24120SPC)	239.93	43.46
28 46 13 31-1332	EA	Surface Mounted, Plated Brass, Electromagnetic Door Holder (Notifier DH24120SB)	251.84	43.46
28 46 13 31-1333	EA	Surface Mounted, Powder Coated Dark Bronze, Electromagnetic Door Holder (Notifier DH24120SPD)	261.96	43.46
28 46 13 31-1334	EA	Recessed, Powder Coated Chrome, Electromagnetic Door Holder (Notifier DH24120WPC)	215.23	43.46
28 46 13 31-1335	EA	Recessed, Plated Brass, Electromagnetic Door Holder (Notifier DH24120WB)	228.03	43.46
28 46 13 31-1336	EA	Recessed, Powder Coated Dark Bronze, Electromagnetic Door Holder (Notifier DH24120WD)	243.51	43.46
28 46 13 31-1337	EA	Floor Mounted, Single Door, Powder Coated Chrome, Electromagnetic Door Holder (Notifier DH24120GPC1)	276.25	43.46
28 46 13 31-1338	EA	Floor Mounted, Single Door, Plated Brass, Electromagnetic Door Holder (Notifier DH24120GB1)	295.30	43.46
28 46 13 31-1339	EA	Floor Mounted, Single Door, Powder Coated Dark Bronze, Electromagnetic Door Holder (Notifier DH24120GPD1)	317.33	43.46
28 46 13 31-1340	EA	Floor Mounted, Double Door, Powder Coated Chrome, Electromagnetic Door Holder (Notifier DH24120GPC2)	322.69	43.46
28 46 13 31-1341	EA	Floor Mounted, Double Door, Plated Brass, Electromagnetic Door Holder (Notifier DH24120GB2)	345.31	43.46
28 46 13 31-1342	EA	Floor Mounted, Double Door, Powder Coated Dark Bronze, Electromagnetic Door Holder (Notifier DH24120GPD2)	372.70	43.46
28 46 13 31-1343	EA	0.5" Extension Rod, Powder Coated Chrome, Electromagnetic Door Holder Extension (Notifier DHE.5PC)	24.63	5.79
28 46 13 31-1344	EA	0.5" Extension Rod, Plated Brass, Electromagnetic Door Holder Extension (Notifier DHE.5B)	24.63	5.79
28 46 13 31-1345	EA	0.5" Extension Rod, Powder Coated Dark Bronze, Electromagnetic Door Holder Extension (Notifier DHE.5D)	27.07	5.79
28 46 13 31-1346	EA	1" Extension Rod, Powder Coated Chrome, Electromagnetic Door Holder Extension (Notifier DHE1PC)	24.63	5.79
28 46 13 31-1347	EA	1" Extension Rod, Plated Brass, Electromagnetic Door Holder Extension (Notifier DHE1B)	24.63	5.79
28 46 13 31-1348	EA	1" Extension Rod, Powder Coated Dark Bronze, Electromagnetic Door Holder Extension (Notifier DHE1D)	27.07	5.79
28 46 13 31-1349	EA	1.5" Extension Rod, Powder Coated Chrome, Electromagnetic Door Holder Extension (Notifier DHE1.5PC)	25.88	5.79
28 46 13 31-1350	EA	1.5" Adjustable Extension Rod, Powder Coated Chrome, Electromagnetic Door Holder Extension (Notifier DHE1.5APC)	25.88	5.79
28 46 13 31-1351	EA	1.5" Extension Rod, Plated Brass, Electromagnetic Door Holder Extension (Notifier DHE1.5B)	27.07	5.79
28 46 13 31-1352	EA	1.5" Extension Rod, Powder Coated Dark Bronze, Electromagnetic Door Holder Extension (Notifier DHE1.5D)	28.44	5.79
28 46 13 31-1353	EA	2" Extension Rod, Powder Coated Chrome, Electromagnetic Door Holder Extension (Notifier DHE2PC)	28.44	5.79
28 46 13 31-1354	EA	2" Adjustable Extension Rod, Powder Coated Chrome, Electromagnetic Door Holder Extension (Notifier DHE2APC)	28.44	5.79
28 46 13 31-1355	EA	2" Extension Rod, Plated Brass, Electromagnetic Door Holder Extension (Notifier DHE2B)	29.69	5.79
28 46 13 31-1356	EA	2" Extension Rod, Powder Coated Dark Bronze, Electromagnetic Door Holder Extension (Notifier DHE2D)	29.69	5.79
28 46 13 31-1357	EA	3" Extension Rod, Powder Coated Chrome, Electromagnetic Door Holder Extension (Notifier DHE3PC)	29.69	5.79
28 46 13 31-1358	EA	3" Extension Rod, Plated Brass, Electromagnetic Door Holder Extension (Notifier DHE3B)	31.06	5.79
28 46 13 31-1359	EA	3" Extension Rod, Powder Coated Dark Bronze, Electromagnetic Door Holder Extension (Notifier DHE3D)	31.06	5.79
28 46 13 31-1360	EA	4" Extension Rod, Powder Coated Chrome, Electromagnetic Door Holder Extension (Notifier DHE4PC)	32.31	5.79
28 46 13 31-1361	EA	4" Adjustable Extension Rod, Powder Coated Chrome, Electromagnetic Door Holder Extension (Notifier DHE4APC)	32.31	5.79
28 46 13 31-1362	EA	4" Adjustable Extension Rod, Plated Brass, Electromagnetic Door Holder Extension (Notifier DHE4AB)	33.68	5.79
28 46 13 31-1363	EA	4" Adjustable Extension Rod, Powder Coated Dark Bronze, Electromagnetic Door Holder Extension (Notifier DHE4AD)	37.55	5.79
28 46 13 31-1364	EA	5" Extension Rod, Powder Coated Chrome, Electromagnetic Door Holder Extension (Notifier DHE5PC)	36.24	5.79
28 46 13 31-1365	EA	5" Extension Rod, Plated Brass, Electromagnetic Door Holder Extension (Notifier DHE5B)	34.93	5.79
28 46 13 31-1366	EA	5" Extension Rod, Powder Coated Dark Bronze, Electromagnetic Door Holder Extension (Notifier DHE5D)	37.55	5.79
28 46 13 31-1367	EA	Catch Plate, Powder Coated Chrome For Electromagnetic Door Holder (Notifier DHCPC)	34.24	8.69
28 46 13 31-1368	EA	Catch Plate, Plated Brass For Electromagnetic Door Holder (Notifier DHCPB)	35.49	8.69
28 46 13 31-1369	EA	Catch Plate, Powder Coated Dark Bronze For Electromagnetic Door Holder (Notifier DHCPD)	39.48	8.69
28 46 13 31-1370	EA	Swivel Base, Powder Coated Chrome, For Electromagnetic Door Holder (Notifier DHSBPC)	65.38	8.69
28 46 13 31-1371	EA	Swivel Base, Plated Brass, For Electromagnetic Door Holder (Notifier DHSBB)	69.19	8.69
28 46 13 31-1372	EA	Swivel Base, Powder Coated Dark Bronze, For Electromagnetic Door Holder (Notifier DHSBD)	73.00	8.69
28 46 13 31-1373	EA	Surface Mounted Backbox, Powder Coated Chrome For Electromagnetic Door Holder (Notifier DHBBPC)	58.75	14.48
28 46 13 31-1374	EA	Surface Mounted Backbox, Plated Brass For Electromagnetic Door Holder (Notifier DHBBB)	61.37	14.48
28 46 13 31-1375	EA	Surface Mounted Backbox, Powder Coated Dark Bronze For Electromagnetic Door Holder (Notifier DHBBD)	66.61	14.48
28 46 13 31-1376	EA	Swivel Base Mounting Drill Fixture For Electromagnetic Door Holder (Notifier DHDF)	367.93	
28 46 13 31-1377		**First Command** *(28 46 13 31-0796)*		
28 46 13 31-1378	EA	Black, 120 Volt AC, 50 Watt, 25 VRMS, One Class A/B Speaker Circuit, Primary Operating Console (Notifier NFC-50/100)	6,485.14	724.39
28 46 13 31-1379	EA	Black, 220-240 Volt AC, 50 Watt, 25 VRMS, One Class A/B Speaker Circuit, Primary Operating Console (Notifier NFC-50/100E)	6,550.97	724.39

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-1380	EA	Black, 120 Volt AC, 50 Watt, 25 VRMS Or 70 VRMS), Four Class A/B Speaker Circuits, Distributed (Remote) Audio Amplifier (Notifier NFC-50DA)	1,832.49	57.95
28 46 13 31-1381	EA	Black, 220-240 Volt AC, 50 Watt, 25 VRMS Or 70 VRMS), Four Class A/B Speaker Circuits, Distributed (Remote) Audio Amplifier (Notifier NFC-50DAE)	1,881.86	57.95
28 46 13 31-1382	EA	Black, 120 Volt AC, 125 Watt, 25 VRMS, Four Class A/B Speaker Outputs, Distributed Audio Amplifier (Notifier NFC-125DA)	3,369.54	57.95
28 46 13 31-1383	EA	Black, , 220-240 Volt AC, 125 Watt, 25 VRMS, Four Class A/B Speaker Outputs, Distributed Audio Amplifier (Notifier NFC-125DAE)	3,479.26	57.95
28 46 13 31-1384	EA	50 Watt, 25 VRMS Audio Amplifier Module For A Second Speaker Circuit Or Backup (Notifier NFC-BDA-25 Volt)	851.46	28.98
28 46 13 31-1385	EA	50 Watt, 70 VRMS Audio Amplifier Module For A Second Speaker Circuit Or Backup (Notifier NFC-BDA-70 Volt)	851.46	28.98
28 46 13 31-1386	EA	Circuit Expander Module For NFC-50/125DA(E), Four Additional Class A/B Speaker Circuits (Notifier NFC-CE4)	538.99	28.98
28 46 13 31-1387	EA	Circuit Expander Module For NFC-50/100(E), Six Additional Class A/B Speaker Circuits (Notifier NFC-CE6)	704.15	28.98
28 46 13 31-1388	EA	Standalone Firefighter Telephone System (Notifier NFC-FFT) Note: Includes onboard SLC supports up to 24 monitor modules, built-in handset, black.	2,486.37	57.95
28 46 13 31-1389	EA	Local Operator Console (Notifier NFC-LOC) Note: Includes built-in microphone, message and zone control switches, black.	2,433.71	57.95
28 46 13 31-1390	EA	Black, Remote Microphone (Notifier NFC-RM)	713.74	
28 46 13 31-1391	EA	Remote Page Unit (Notifier NFC-RPU) Note: Includes built-in microphone, message control switches, black.	2,055.21	57.95
28 46 13 31-1392	EA	70 V Conversion Module For NFC-50/100 (Notifier NFC-XRM-70V)	406.83	28.98
28 46 13 31-1393	EA	Firefighters Phone Jack (Notifier N-FPJ)	187.06	8.69
28 46 13 31-1394	EA	Thumblatch Option For NFC-LOC And NFC-RPU (Notifier THUMBLTCH)	50.25	8.69
28 46 13 31-1395	EA	Black, Trim Ring For NFC-RPU Cabinet (Notifier TR-6-B)	164.85	17.39

28 46 13 31-1396 LED Displays *(28 46 13 31-0796)*

28 46 13 31-1397	EA	2.1" x 27" Programmable LED Indoor Display (Notifier ALPHA-215)	1,947.79	34.77
28 46 13 31-1398	EA	Instant And Integrated Emergency Notification System (Notifier LEDSIGN-GW)	2,737.85	46.36
28 46 13 31-1399	EA	4" x 45-1/2" Programmable LED Array, Mass Notification Device (Notifier MEGADOT)	2,769.67	46.36
28 46 13 31-1400	EA	8 Messages, FACP Interface For LED Arrays (Notifier MNS-CONTROL8)	2,659.96	46.36
28 46 13 31-1401	EA	16 Messages, FACP Interface For LED Arrays (Notifier MNS-CONTROL16)	3,724.15	46.36
28 46 13 31-1402	EA	LED Sign, Instant And Integrated Emergency Notification System (Notifier OAX2-24V)	2,824.52	46.36

28 46 13 31-1403 Control Relays *(28 46 13 31-0796)*

28 46 13 31-1404	EA	Single SPDT Relay With LED With Metal Backbox And Red Plastic Cover (Notifier MR-101/CR)	79.82	14.48
28 46 13 31-1405	EA	Single SPDT Relay With LED With Track Mounting Hardware (Notifier MR-101/T)	59.70	14.48
28 46 13 31-1406	EA	Four Position SPDT Relay With LEDs With Metal Backbox And Red Plastic Cover (Notifier MR-104/CR)	221.67	28.98
28 46 13 31-1407	EA	Four Position SPDT Relay With LED With Track Mounting Hardware (Notifier MR-104/T)	124.53	14.48
28 46 13 31-1408	EA	Four Position DSPDT Relay With LED With Track Mounting Hardware (Notifier MR-204/T)	149.24	14.48
28 46 13 31-1409	EA	24 Volt DC, 30 Amperes Contacts, DPDT Relay In Steel Enclosure (Notifier MR-199X-13C)	228.22	28.98
28 46 13 31-1410	EA	120 Volt AC, 30 Amperes Contacts, DPDT Relay In Steel Enclosure (Notifier MR-199X-14C)	228.22	28.98
28 46 13 31-1411	EA	Single DPDT Relay With LED With Metal Backbox And Red Plastic Cover (Notifier MR-201/CR)	112.72	28.98
28 46 13 31-1412	EA	Single DPDT Relay With LED With Track Mounting Hardware (Notifier MR-201/T)	64.94	14.48
28 46 13 31-1413	EA	Four Position DPDT Relay With LEDs With Metal Backbox And Red Plastic Cover (Notifier MR-204/CR)	243.10	28.98
28 46 13 31-1414	EA	24 Volt DC / 24 Volt AC / 115 Volt AC, 10 Amperes, Form C, Multi-Voltage Relay Module (Notifier PAM-1)	79.62	28.98
28 46 13 31-1415	EA	12/24 Volt DC, 7 Amperes, Form C, Multi-Voltage Relay Module (Notifier PAM-2)	79.62	28.98
28 46 13 31-1416	EA	9 To 40 Volt DC, 10 Amperes, Form C, Multi-Voltage Relay Module (Notifier PAM-4)	79.62	28.98

28 46 13 31-1417 Gamewell-FCI Fire Control Instruments *(28 46 13 31-0796)*

28 46 13 31-1418 7100 Series And NetSOLO® *(28 46 13 31-1417)*

28 46 13 31-1419 7100 Compact Analog Addressable Fire Alarm Control Panels *(28 46 13 31-1418)*

28 46 13 31-1420	EA	Enclosure With Metal Door (Gamewell-FCI 7100-ENCL-M)	1,096.42	347.71
28 46 13 31-1421	EA	Basic Systems Kit, 2 Signaling Line Circuits (SLC) (Gamewell-FCI BK-7100-2)	4,776.69	579.52
28 46 13 31-1422	EA	Basic Systems Kit, With Digital Alarm Communicator Transmitter (DACT), 2 Signaling Line Circuits (SLC) (Gamewell-FCI BK-7100-2D)	5,243.43	579.52
28 46 13 31-1423	EA	Basic Systems Kit, 2 Signaling Line Circuits (SLC), 240 Volt AC (Gamewell-FCI BK-7100-2-E)	4,776.69	579.52
28 46 13 31-1424	EA	Basic Systems Kit, With Digital Alarm Communicator Transmitter (DACT), 2 Signaling Line Circuits (SLC), 240 Volt AC (Gamewell-FCI BK-7100-2D-E)	5,243.43	579.52
28 46 13 31-1425	EA	Removal And Replacement Of Board For 7100-1D (Gamewell-FCI BSM-7100-1)	1,553.94	
28 46 13 31-1426	EA	Removal And Replacement Of Board For 7100-2 (Gamewell-FCI BSM-7100-1D)	1,866.19	
28 46 13 31-1427	EA	Analog Loop Unit (Gamewell-FCI ALU)	1,866.19	57.95

28 46 13 31-1428 NetSOLO® Intelligent Network *(28 46 13 31-1418)*

28 46 13 31-1429	EA	Intelligent Network Interface Module, Fiber Optic (Gamewell-FCI INI-7100-FO) Note: Mounted in 7100 panel.	2,071.63	57.95
28 46 13 31-1430	EA	Intelligent Network Interface Module, Unshielded Twisted Pair (Gamewell-FCI INI-7100-UTP) Note: Mounted in 7100 panel.	1,642.68	57.95

28 46 13 31-1431 Components And Accessories *(28 46 13 31-1418)*

28 46 13 31-1432	EA	Remote Serial Annunciator, LCD Display (Gamewell-FCI LCD-7100)	1,017.13	43.46
28 46 13 31-1433	EA	Remote LED Driver Module, Outputs For Remote Panel Switches And 33 Remote LEDs (Gamewell-FCI LDM-7100)	766.72	57.95
28 46 13 31-1434	EA	Fiber Optic Line Driver Module (Gamewell-FCI FLD-1)	1,419.17	57.95
28 46 13 31-1435	EA	Class "A" Optional Module For Both Signaling Line Circuits (SLC) (Gamewell-FCI CAOM)	562.93	57.95
28 46 13 31-1436	EA	Enclosure Box (Gamewell-FCI EN-7100)	440.53	115.91
28 46 13 31-1437	EA	Serial Printer (Order RJAA To Db25 Connector Separately) (Gamewell-FCI P7200-TR-2)	1,491.05	28.98

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-1438		**E3 Series® Basic System** *(28 46 13 31-1417)*		
28 46 13 31-1439	EA	Intelligent Loop Interface, Mother Board (Gamewell-FCI ILI-MB-E3)	1,349.80	57.95
28 46 13 31-1440	EA	Intelligent Loop Interface, Supplemental (Gamewell-FCI ILI-S-E3)	1,156.55	57.95
28 46 13 31-1441	EA	Intelligent Loop Interface, Mother Board, XP95 Protocol (Gamewell-FCI ILI95-MB-E3)	1,349.80	57.95
28 46 13 31-1442	EA	Intelligent Loop Interface, Supplemental, XP95 Protocol (Gamewell-FCI ILI95-S-E3)	1,156.55	57.95
28 46 13 31-1443	EA	LCD Keypad Display (Gamewell-FCI LCD-E3)	862.13	57.95
28 46 13 31-1444	EA	Power Supply Module (Gamewell-FCI PM-9)	1,133.68	57.95
28 46 13 31-1445	EA	Transponder 9 Amperes Power Supply (Gamewell-FCI PM-9 INX)	952.06	57.95
28 46 13 31-1446	EA	Power Supply And Charger, 120/220 Volt AC (Gamewell-FCI PM-9G 9A)	949.13	28.98
28 46 13 31-1447	EA	Digital Alarm Communication Transmitter (Gamewell-FCI DACT-E3)	534.65	57.95
28 46 13 31-1448	EA	Network Repeater, Fiber Optic (Gamewell-FCI RPT-E3-FO)	1,458.06	57.95
28 46 13 31-1449	EA	Network Repeater, Unshielded Twisted Pair (Gamewell-FCI RPT-E3-UTP)	1,219.14	57.95
28 46 13 31-1450	EA	Local Operating Console (Gamewell-FCI 1100-0455)	812.58	43.46
28 46 13 31-1451	EA	Network Graphic Annunciator (Gamewell-FCI 1100-0505)	2,644.57	43.46
28 46 13 31-1452	EA	70.7 VRMS Audio Output Series Amplifier Module (Gamewell-FCI AM-50-70)	1,038.90	57.95
28 46 13 31-1453	EA	INI-VGE-UTP Classic Enabled Voice Gateway Module (Gamewell-FCI 1100-1326)	3,197.19	57.95
28 46 13 31-1454	EA	8-1/4" Wide x 10" High x 4-1/2" Deep Cabinet (Gamewell-FCI E3BB-BAA1)	711.95	115.91
28 46 13 31-1455	EA	C Size, Black, Command Center Enclosure (Gamewell-FCI E3BB-BC/INCC)	516.16	115.91
28 46 13 31-1456	EA	Double Size, Blank, Inner Door Panel (Gamewell-FCI E3-BP)	112.33	28.98
28 46 13 31-1457	EA	Programmable Switch Module (Gamewell-FCI ASM-16)	723.89	57.95
28 46 13 31-1458	EA	LED Driver module (Gamewell-FCI ANU-48)	723.89	57.95
28 46 13 31-1459	EA	Network Graphic Annunciator (Gamewell-FCI NGA)	2,215.56	43.46
28 46 13 31-1460		**Addressable Devices, Module, Pulls And Accessories** *(28 46 13 31-1417)*		
28 46 13 31-1461		**Velociti® Series Sensors And Bases** *(28 46 13 31-1460)*		
28 46 13 31-1462	EA	Analog Addressable Plug-In Ionization Smoke Sensor (Gamewell-FCI ASD-IL2F)	221.69	43.46
28 46 13 31-1463	EA	Analog Addressable Plug-In Photoelectric Smoke Sensor (Gamewell-FCI ASD-PL2F)	226.62	43.46
28 46 13 31-1464	EA	Analog Addressable Plug-In Photoelectric Smoke Sensor With 135 Degree F Fixed Temperature Thermal Sensing (Gamewell-FCI ASD-PTL2F)	241.42	43.46
28 46 13 31-1465	EA	Addressable Plug-In Thermal Sensor, 15 Degree F Rate Of Rise, 135 Degree F (Gamewell-FCI ATD-RL2F)	182.25	43.46
28 46 13 31-1466	EA	Addressable Plug-In Thermal Sensor, 190 Degree F (Gamewell-FCI ATD-HL2F)	190.47	43.46
28 46 13 31-1467	EA	Addressable Plug-In Thermal Sensor, 135 Degree F (Gamewell-FCI ATD-L2F)	182.25	43.46
28 46 13 31-1468	EA	Addressable Plug-In Multi-Criteria Analog Sensor (Gamewell-FCI MCS-ACCLIMATE2F)	275.93	43.46
28 46 13 31-1469	EA	Analog Addressable Laser Smoke Sensor, Low Profile (Gamewell-FCI ASD-LS)	621.05	43.46
28 46 13 31-1470	EA	Analog Addressable Low Flow Photoelectric Smoke Duct Detector Without Relay (Gamewell-FCI ADPF)	514.65	72.44
28 46 13 31-1471	EA	Analog Addressable Low Flow Photoelectric Smoke Duct Detector With Relay (Gamewell-FCI ADPRF)	580.39	72.44
28 46 13 31-1472	EA	Removal And Replacement Of Duct Detector Board (Gamewell-FCI ADP-F-SB)	271.42	
28 46 13 31-1473	EA	Flanged Mounting Base, For Use With Analog Sensor Or Velociti Sensors (Gamewell-FCI ADB-FLF)	55.28	14.48
28 46 13 31-1474	EA	Harsh Environment Analog Addressable Photoelectric Smoke Sensor (Gamewell-FCI ASD-FILTREX-F)	670.36	43.46
28 46 13 31-1475	EA	Flanged Mounting Base, For Use With ASD-FILTREX Or ASD-FILTREX-F (Gamewell-FCI ADB-FILTREXF)	131.70	14.48
28 46 13 31-1476	EA	Addressable Single-Ended Reflected Beam Smoke Sensor (Gamewell-FCI ABD-2F)	2,392.52	86.93
28 46 13 31-1477		**Velociti® Series Modules And Pull Station** *(28 46 13 31-1460)*		
28 46 13 31-1478	EA	Style B, Class B Addressable Monitor Module (Gamewell-FCI AMM-2F)	162.31	28.98
28 46 13 31-1479	EA	Dual Style B, Class B Addressable Monitor Module (Gamewell-FCI AMM-2IF)	266.67	28.98
28 46 13 31-1480	EA	Style D, Class A Addressable Monitor Module (Gamewell-FCI AMM-4F)	178.74	28.98
28 46 13 31-1481	EA	Subloop Style D, Class A Addressable Monitor Module (Gamewell-FCI AMM-4SF)	255.17	28.98
28 46 13 31-1482	EA	Addressable Output Relay Control Module (Gamewell-FCI AOM-2RF)	211.61	28.98
28 46 13 31-1483	EA	Addressable Output Supervised Module (Gamewell-FCI AOM-2SF)	219.83	28.98
28 46 13 31-1484	EA	Addressable Double Action Station, With AMM-2SF Mini-Mod (Gamewell-FCI MS-7AF)	302.44	57.95
28 46 13 31-1485	EA	Addressable Single Action Pull Station (Gamewell-FCI MS-7ASF)	227.23	28.98
28 46 13 31-1486	EA	Telephone Filters (Gamewell-FCI AOM-TEL-FL)	36.24	5.79
28 46 13 31-1487		**Components And Accessories** *(28 46 13 31-1460)*		
28 46 13 31-1488	EA	Remote LED Annunciator Alarm (Gamewell-FCI RA400Z) Note: Mounts on single gang box.	87.45	23.18
28 46 13 31-1489	EA	Up To 2' Wide Ducts Metal Sampling Tube (Gamewell-FCI ST-1.5)	43.72	11.59
28 46 13 31-1490	EA	>2' To 4' Wide Ducts Metal Sampling Tube (Gamewell-FCI ST-3)	47.01	11.59
28 46 13 31-1491	EA	>4' To 8' Wide Ducts Metal Sampling Tube (Gamewell-FCI ST-5)	56.10	14.48
28 46 13 31-1492	EA	>8' To 10' Wide Ducts Metal Sampling Tube (Gamewell-FCI ST-10)	92.29	17.39
28 46 13 31-1493	EA	Remote Test Station With LED Alarm And Magnet Test Switch (Gamewell-FCI RTS451) Note: Mounts on single gang box.	138.39	23.18
28 46 13 31-1494		**Fixed And Rate of Rise Heat Detectors** *(28 46 13 31-1460)*		
28 46 13 31-1495	EA	135 Degree F Fixed Temperature And Rate Of Rise Heat Detector (Gamewell-FCI 5601P)	114.87	43.46
28 46 13 31-1496	EA	194 Degree F Fixed Temperature And Rate Of Rise Heat Detector (Gamewell-FCI 5602)	114.87	43.46
28 46 13 31-1497	EA	135 Degree F Fixed Temperature Heat Detector (Gamewell-FCI 5603)	115.15	43.46
28 46 13 31-1498	EA	194 Degree F Fixed Temperature Heat Detector (Gamewell-FCI 5604)	115.15	43.46
28 46 13 31-1499		**NAC Expander/Power Supply** *(28 46 13 31-1460)*		
28 46 13 31-1500	EA	FireForce 8 NAC Expander/Power Supply, 12/24 Volt DC, 8 Amperes, 4 Notification Appliance Circuits, Built-in Synchronization Protocols For Gamewell, Wheelock, Gentex, Faraday, And System Sensor (Gamewell-FCI FF8)	2,110.51	463.61

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-1501	EA	6A Supplementary Notification Appliance Circuit Power Supply With Sync (Gamewell-FCI GFPS-6)	1,798.25	463.61
28 46 13 31-1502	EA	9A Supplementary Notification Appliance Circuit Power Supply With Sync (Gamewell-FCI GFPS-9)	1,954.38	463.61
28 46 13 31-1503		**Batteries And Accessories** *(28 46 13 31-1417)*		
28 46 13 31-1504	EA	B-17R, 12 Volt DC, 17 Ampere Hours Sealed Lead Acid Battery (Gamewell-FCI 100-2010A)	340.63	28.98
28 46 13 31-1505	EA	B-55R, 12 Volt DC, 55 Ampere Hours Sealed Lead Acid Battery (Gamewell-FCI 100-2710A)	876.39	28.98
28 46 13 31-1506	EA	B-7R, 12 Volt DC, 7 Ampere Hours Sealed Lead Acid Battery (Gamewell-FCI 100-2311A)	176.28	28.98
28 46 13 31-1507	EA	BC-1, Battery Cabinet, Beige (Gamewell-FCI 1100-0653)	413.38	57.95
28 46 13 31-1508	EA	BC-1R, Battery Cabinet, Red (Gamewell-FCI 1100-0654)	413.38	57.95
28 46 13 31-1509	EA	12" High x 12" Wide x 24" Length Vented Steel Battery Cabinet With Hinged Key Lockable Cover (Gamewell-FCI GW70970)	365.72	57.95
28 46 13 31-1510		**Electronic Door Holders** *(28 46 13 31-1417)* Note: Rixson products.		
28 46 13 31-1511	EA	XK-996, Door Holder Extender Kit, 1-1/2" Spacer (Gamewell-FCI 140-30000)	59.91	5.79
28 46 13 31-1512	EA	FM-980, 12 Volt DC, 24 Volt AC/DC Or 120 Volt AC, Floor Mount Door Holder(Gamewell-FCI 140-90000)	481.36	43.46
28 46 13 31-1513	EA	FM-981, 12 Volt DC, 24 Volt AC/DC Or 120 Volt AC, Floor Mount Holder For Double Doors (Gamewell-FCI 140-90001)	660.50	43.46
28 46 13 31-1514	EA	FM-990, 12 Volt DC, 24 Volt AC/DC Or 120 Volt AC, Low Profile Mount Door Holder (Gamewell-FCI 140-90002)	302.88	43.46
28 46 13 31-1515	EA	FM-996, 12 Volt DC, 24 Volt AC/DC Or 120 Volt AC, Surface Mount Door Holder (Gamewell-FCI 140-90003)	288.09	43.46
28 46 13 31-1516	EA	FM-997, 12 Volt DC, 24 Volt AC/DC Or 120 Volt AC, Recessed Mount Door Holder (Gamewell-FCI 140-90004)	302.88	43.46
28 46 13 31-1517	EA	FM-998, 12 Volt DC, 24 Volt AC/DC Or 120 Volt AC, Recessed Mount Door Holder With Concealed Wiring (Gamewell-FCI 140-90005)	302.22	43.46
28 46 13 31-1518		**Fire Alarm Programming** *(28 46 13 31-1417)* Note: For device replacement projects only. Tasks not to be used on projects where a fire alarm panel is replaced.		
28 46 13 31-1519	EA	Program And Test Up To 5 Total Fire Alarm Devices	500.00	
28 46 13 31-1520	EA	Program And Test >5 To 20 Total Fire Alarm Devices	1,000.00	
28 46 13 31-1521	EA	Program And Test >20 To 50 Total Fire Alarm Devices	2,000.00	
28 46 13 31-1522		**Fire-Lite Fire Alarm** *(28 46 13 31-0795)*		
28 46 13 31-1523		**Intelligent Addressable Fire Alarm Control Panel** *(28 46 13 31-1522)*		
28 46 13 31-1524	EA	50 Point, Addressable Fire Alarm Control Panels (Fire-Lite ES-50X)	1,266.55	231.81
28 46 13 31-1525	EA	198 Point, Addressable Fire Alarm Control Panels (Fire-Lite ES-200X)	1,633.36	260.78
28 46 13 31-1526	EA	954 Point, Addressable Fire Alarm Control Panels (Fire-Lite ES-1000X)	2,444.58	289.76
28 46 13 31-1527	EA	Loop Expander Module (Fire-Lite SLC-3LS)	729.18	43.46
28 46 13 31-1528	EA	Optional Cabinet For 1 Or 2 Modules (Fire-Lite BB-2F)	202.09	28.98
28 46 13 31-1529	EA	Optional Cabinet For Up To 6 Modules Mounted On CHS-6 (Fire-Lite BB-6F)	286.59	28.98
28 46 13 31-1530	EA	Battery Backbox (Fire-Lite BB-26)	176.12	17.39
28 46 13 31-1531	EA	Battery Box (Fire-Lite BB-55F)	326.09	17.39
28 46 13 31-1532	EA	Chassis, Mounts Up To 6 Multi-Modules In A BB-6F Cabinet (Fire-Lite CHS-6)	89.07	11.59
28 46 13 31-1533	EA	Chassis, Mounts Up To Six Multi-Modules In A BB-6F Cabine (Fire-Lite CHG-75)	765.72	28.98
28 46 13 31-1534	EA	Battery Charger For Lead-Acid Batteries With A Rating Of 25 To 75 AH (Fire-Lite CHG-120F)	1,632.41	57.95
28 46 13 31-1535	EA	6 AMP, NAC Expander Power Supply (Fire-Lite FL-PS6)	888.27	28.98
28 46 13 31-1536	EA	10 AMP, NAC Expander Power Supply (Fire-Lite FL-PS10)	917.90	28.98
28 46 13 31-1537	EA	Remote, Red LCD Annunciator Mimics The Information Displayed On The Face LCD Display (Fire-Lite ANN-80)	358.03	28.98
28 46 13 31-1538	EA	Led Driver Module Provides Connections To A User Supplied Graphic Annunciator (Fire-Lite ANN-I/O)	438.67	28.98
28 46 13 31-1539	EA	Annunciator Module Provides Three Leds For Each Zone: Alarm, Trouble, And Supervisory. Ships With Red Enclosure (Fire-Lite ANN-LED)	383.37	28.98
28 46 13 31-1540	EA	Provides Alarm (Red) Indicators For Up To 30 Input Zones Or Addressable Points (Fire-Lite ANN-RLED)	383.37	28.98
28 46 13 31-1541	EA	Relay Module Provides 10 Programmable Form-C Relays (Fire-Lite ANN-RLY)	307.85	28.98
28 46 13 31-1542	EA	Serial/Parallel Printer Gateway Module (Fire-Lite ANN-S/PG)	301.01	28.98
28 46 13 31-1543	EA	Addressable Low-Profile Photoelectric Smoke Detector (Fire-Lite SD365(A))	153.51	43.46
28 46 13 31-1544	EA	Addressable Low-Profile Photoelectric Smoke Detector With Thermal Sensor (Fire-Lite SD365T(A))	172.16	43.46
28 46 13 31-1545	EA	Remote Test Capable Addressable Photoelectric Smoke Detector For Use With DNR (W) Duct Detector Housing (Fire-Lite SD365R(A))	177.50	43.46
28 46 13 31-1546	EA	Addressable, Low-Profile Device That Provides Fire, Heat, And Carbon Monoxide (CO) Detection (Fire-Lite SD365CO)	318.52	43.46
28 46 13 31-1547	EA	Low-Profile 135°F Fixed Thermal Sensor (Fire-Lite H365(A))	146.84	43.46
28 46 13 31-1548	EA	Low-Profile, Intelligent, Rate-Of-Rise Thermal Sensor (Fire-Lite H365R(A))	165.42	43.46
28 46 13 31-1549	EA	Low-Profile Intelligent 190°F/88°C Fixed Thermal Sensor (Fire-Lite H365HT(A))	195.70	43.46
28 46 13 31-1550	EA	Low-Flow Non-Relay Duct-Detector Housing (Fire-Lite D365PL)	619.35	43.46
28 46 13 31-1551	EA	Addressable Low-Profile Ionization Smoke Detector (Fire-Lite CP355(A))	228.68	43.46
28 46 13 31-1552	EA	Addressable Low-Profile Photoelectric Smoke Detector (Fire-Lite SD355(A))	153.51	43.46
28 46 13 31-1553	EA	Addressable Low-Profile Photoelectric Smoke Detector With Thermal Sensor (Fire-Lite SD355T(A))	198.52	43.46
28 46 13 31-1554	EA	Remote Test Capable Addressable Photoelectric Smoke Detector For Use With DNR (W) Duct Detector Housing (Fire-Lite SD355R(A))	222.38	43.46
28 46 13 31-1555	EA	Addressable, Low-Profile Device That Provides Fire, Heat, And Carbon Monoxide (Co) Detection (Fire-Lite SD355CO)	163.50	43.46
28 46 13 31-1556	EA	Fast-Response, Low-Profile Heat Detector (Fire-Lite H355(A))	197.90	43.46
28 46 13 31-1557	EA	Fast-Response, Low-Profile Heat Detector With Rate-Of-Rise Option (Fire-Lite H355R(A))	191.51	43.46
28 46 13 31-1558	EA	Fast-Response, Low-Profile Heat Detector That Activates At 190°F/88°C (Fire-Lite H355HT(A))	224.48	43.46
28 46 13 31-1559	EA	Low-Profile, Intelligent, "Adapt" Multi-Sensor Detector (B350LP Base Included) (Fire-Lite AD355(A))	219.23	43.46
28 46 13 31-1560	EA	Programmable, Addressable Sounder Base (Fire-Lite B200S(A)-WH)	139.27	28.98
28 46 13 31-1561	EA	Addressable Sounder Base (Fire-Lite B200SR(A)-WH)	160.92	28.98
28 46 13 31-1562	EA	Programmable, Addressable Sounder Base, Low-Frequency (Fire-Lite B200S-LF-WH)	184.25	28.98

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-1563	EA	Addressable Sounder Base, Low-Frequency (Fire-Lite B200SR-LF-WH)	188.18	28.98
28 46 13 31-1564	EA	Intelligent Beam Smoke Detector (Fire-Lite BEAM355)	1,698.68	43.46
28 46 13 31-1565	EA	Intelligent Beam Smoke Detector With Integral Sensitivity Test (Fire-Lite BEAM355S)	1,944.38	43.46
28 46 13 31-1566	EA	Innovairflex Low-Flow Non-Relay Duct-Detector Housing (Includes SD355R) (Fire-Lite D355PL(A))	274.03	28.98
28 46 13 31-1567	EA	Innovairflex Low-Flow Non-Relay Duct-Detector Housing (Fire-Lite DNR(A))	166.05	28.98
28 46 13 31-1568	EA	Innovairflex Low-Flow Non-Relay Duct-Detector Housing, With NEMA-4 Rating, Watertight (Fire-Lite DNRW)	255.82	28.98
28 46 13 31-1569	EA	Addressable Control Module For One Class B Or A Zone Of Supervised Polarized Notification Appliances (Fire-Lite CMF-300)	108.21	17.39
28 46 13 31-1570	EA	Six-Circuit Supervised Control Module (Fire-Lite CMF-300-6)	563.08	28.98
28 46 13 31-1571	EA	Addressable Relay Module Containing Two Isolated Sets Of Form-C Contacts, Which Operate As A Dpdt Switch (Fire-Lite CRF-300)	163.04	28.98
28 46 13 31-1572	EA	Six-Relay Control Module (Form-C Relays) (Fire-Lite CRF-300-6)	470.10	28.98
28 46 13 31-1573	EA	Module Isolates The SLC (DCL) Loop From Short Circuit Conditions (Fire-Lite I300)	88.52	14.48
28 46 13 31-1574	EA	Six-Fault Isolator Module (Fire-Lite ISO-6)	421.03	28.98
28 46 13 31-1575	EA	Dual Monitor Module (Fire-Lite MDF-300)	198.63	28.98
28 46 13 31-1576	EA	Addressable Monitor Module For One Zone Of Normally-Open Dry-Contact Initiating Devices (Fire-Lite MMF-300)	88.26	14.48
28 46 13 31-1577	EA	Ten-Input Monitor Module (Fire-Lite MMF-300-10)	609.56	28.98
28 46 13 31-1578	EA	Miniature Version Of MMF-300 (Fire-Lite MMF-301)	116.92	23.18
28 46 13 31-1579	EA	Addressable Monitor Module For One Zone Of Conventional Two-Wire Detectors (Fire-Lite MMF-302)	166.69	28.98
28 46 13 31-1580	EA	Six-Zone Interface Module (Fire-Lite MMF-302-6)	602.86	28.98
28 46 13 31-1581	EA	Mount For Modules (Fire-Lite SMB500)	17.80	2.90
28 46 13 31-1582		**Addressable Control Panels** *(28 46 13 31-1522)*		
28 46 13 31-1583	EA	25 Point Intelligent Control (Fire Lite MS-25)	1,975.97	579.52
28 46 13 31-1584	EA	50 Point Intelligent Control (Fire Lite MS-9050UD)	2,174.73	579.52
28 46 13 31-1585	EA	198-Point Intelligent Control (Fire Lite MS-9200UDLS)	3,060.59	579.52
28 46 13 31-1586	EA	636-Point Intelligent Control (Fire Lite MS-9600LS)	4,511.74	579.52
28 46 13 31-1587	EA	636-Point Intelligent Control (Fire Lite MS-9600UDLS)	4,422.30	579.52
28 46 13 31-1588	EA	IP And 4G Cellur Fire Alram Communicator For Fire Alarm Control Panel (Fire-Lite IPGSM-4G)	669.21	
28 46 13 31-1589		**Silent Knight Fire Alarm** *(28 46 13 31-0795)*		
28 46 13 31-1590		**Addressable Fire Alarm Control Panel** *(28 46 13 31-1589)*		
28 46 13 31-1591	EA	Addressable Fire Alarm Control Panel (Silent Knight 6820)	2,519.13	289.76
28 46 13 31-1592		**Intelligent Addressable Fire Alarm Control Panel with Emergency Voice System** *(28 46 13 31-1589)*		
28 46 13 31-1593	EA	Intelligent Fire Alarm Control Panel with Emergency Voice System (Silent Knight 6820EVS)	4,899.67	289.76
28 46 13 31-1594		**Compatable EVS Equipment** *(28 46 13 31-1589)*		
28 46 13 31-1595	EA	50 Watt Amplifier (Silent Knight EVS-50W)	893.72	57.95
28 46 13 31-1596	EA	125 Watt Amplifier (Silent Knight EVS-125W)	1,567.70	57.95
28 46 13 31-1597	EA	50/100 Watt Amplifier (Silent Knight EVS-100W)	1,948.99	57.95
28 46 13 31-1598	EA	External Backup Amplifier (Silent Knight EVS-100WBU)	684.20	57.95
28 46 13 31-1599	EA	50 Watt Internal Amplifier (Silent Knight EVS-INT50W)	643.30	57.95
28 46 13 31-1600	EA	4 Additional Audio Circuits (Silent Knight EVS-CE4)	234.28	14.48
28 46 13 31-1601	EA	Remote Voice Module (Silent Knight EVS-RVM)	1,045.31	23.18
28 46 13 31-1602	EA	24 Switch Expander (Silent Knight EVS-SW24)	414.30	28.98
28 46 13 31-1603	EA	Network Voice Control Module (Silent Knight EVS-VCM)	1,251.20	23.18
28 46 13 31-1604	EA	Local Operator Consoule (Silent Knight EVS-LOC)	1,684.14	57.95
28 46 13 31-1605		**Compatable SBUS Devices** *(28 46 13 31-1589)*		
28 46 13 31-1606	EA	4x40 LCD Remote Fire Annunciator With Four Programmable Buttons, Red (Silent Knight 6860)	1,008.41	57.95
28 46 13 31-1607	EA	4x20 LCD Remote Fire Annunciator, Gray (Silent Knight 5860)	452.01	57.95
28 46 13 31-1608	EA	4x20 LCD Remote Fire Annunciator, Red (Silent Knight 5860R)	538.44	57.95
28 46 13 31-1609	EA	4x20 LCD Remote Fire Annunciator, Red (Silent Knight 6855)	354.05	57.95
28 46 13 31-1610	EA	LED Annunciators- Display Up To 30 LEDs (15 Red/15 Yellow) (Silent Knight 5865-3)	455.26	57.95
28 46 13 31-1611	EA	LED Annunciators- Display Up To 30 LEDs (15 Red/15 Yellow) With Key Switches For Silence And Reset, And A System Trouble Led (Silent Knight 5865-4)	481.25	57.95
28 46 13 31-1612	EA	LED I/O Module With 40 Programmable LED Outputs And Eight Supervised Dry Contact Inputs (Silent Knight 5880)	375.96	43.46
28 46 13 31-1613	EA	Relay Interface. Provides 10 Form C Relays (Silent Knight 5883)	228.02	28.98
28 46 13 31-1614	EA	Serial/Parallel Printer Interface Module For Printer Connection (Silent Knight 5824)	308.85	28.98
28 46 13 31-1615		**SK Compatible Addressable Device** *(28 46 13 31-1589)*		
28 46 13 31-1616	EA	Multi Criteria Photoelectric Smoke Detector With Thermal 135°F Fixed Temperature (Silent Knight SK-ACCLIMATE)	160.82	43.46
28 46 13 31-1617	EA	Reflected Beam Smoke Detector Without Test Feature (Silent Knight SK-BEAM)	922.69	43.46
28 46 13 31-1618	EA	Reflected Beam Smoke Detector With Test Feature (Silent Knight SK-BEAM-T)	1,046.22	43.46
28 46 13 31-1619	EA	Reflected Beam Smoke Detector, SK Protocol (Silent Knight OSI-RI-SK)	1,180.19	43.46
28 46 13 31-1620	EA	Supervised Control Module (Silent Knight SK-CONTROL)	159.19	43.46
28 46 13 31-1621	EA	Six Circuit Supervised Control Module (Silent Knight SK-CONTROL-6)	480.18	57.95
28 46 13 31-1622	EA	Photoelectric Duct Smoke Detector With Extended Air Speed Range (Silent Knight SK-DUCT)	259.39	43.46
28 46 13 31-1623	EA	Four Criteria Fire And Carbon Monoxide Detector (Silent Knight SK-FIRE-CO)	233.92	43.46

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-1624	EA	Four Criteria Fire And Carbon Monoxide Detector, White (Silent Knight SK-FIRE-CO-W)	261.44	43.46
28 46 13 31-1625	EA	Fixed Thermal Detector (135°F) (Silent Knight SK-HEAT)	146.06	43.46
28 46 13 31-1626	EA	Fixed Thermal Detector (135°F), White (Silent Knight SK-HEAT-W)	150.25	43.46
28 46 13 31-1627	EA	Fixed Rate Of Rise Detector (Silent Knight SK-HEAT-ROR)	147.70	43.46
28 46 13 31-1628	EA	Fixed Rate Of Rise Detector, White (Silent Knight SK-HEAT-ROR-W)	150.25	43.46
28 46 13 31-1629	EA	Fixed High Temperature Heat Detector (190°F) (Silent Knight SK-HEAT-HT)	146.06	43.46
28 46 13 31-1630	EA	Fixed High Temperature Heat Detector (190°F), White (Silent Knight SK-HEAT-HT-W)	150.25	43.46
28 46 13 31-1631	EA	Fault Isolator Module (Silent Knight SK-ISO)	146.06	43.46
28 46 13 31-1632	EA	Mini Monitor Module (Silent Knight SK-MINIMON)	134.55	43.46
28 46 13 31-1633	EA	Monitor Module (Silent Knight SK-MONITOR)	143.06	43.46
28 46 13 31-1634	EA	Dual Input Monitor Module (Silent Knight SK-MONITOR-2)	185.48	43.46
28 46 13 31-1635	EA	10 Input Monitor Module (Silent Knight SK-MON-10)	541.94	57.95
28 46 13 31-1636	EA	Photoelectric Smoke Detector (Silent Knight SK-PHOTO)	149.34	43.46
28 46 13 31-1637	EA	Photoelectric Smoke Detector, White (Silent Knight SK-PHOTO-W)	157.96	43.46
28 46 13 31-1638	EA	Photoelectric Detector With Remote Test Capability (Silent Knight SK-PHOTO-R)	151.80	43.46
28 46 13 31-1639	EA	Photoelectric Detector With Remote Test Capability, White (Silent Knight SK-PHOTO-R-W)	160.53	43.46
28 46 13 31-1640	EA	Photoelectric Smoke Detector With Fixed Thermal Heat (135°F) (Silent Knight SK-PHOTO-T)	155.91	43.46
28 46 13 31-1641	EA	Photoelectric Smoke Detector With Fixed Thermal Heat (135°F), White (Silent Knight SK-PHOTO-T-W)	164.63	43.46
28 46 13 31-1642	EA	Multi Criteria Photoelectric Smoke Detector With Thermal 135°F Fixed Temperature, White (Silent Knight SK-PTIR-W)	174.92	43.46
28 46 13 31-1643	EA	Addressable Single Action Pull Station (Silent Knight SK-PULL-SA)	141.01	28.98
28 46 13 31-1644	EA	Addressable Dual Action Pull Station (Silent Knight SK-PULL-DA)	141.01	28.98
28 46 13 31-1645	EA	Addressable Relay Module (Silent Knight SK-RELAY)	130.21	28.98
28 46 13 31-1646	EA	Addressable Six Relay Control Module (Silent Knight SK-RELAY-6)	467.50	57.95
28 46 13 31-1647	EA	Addressable Dual Relay/Monitor Module (Silent Knight SK-RELAYMON-2)	292.23	43.46
28 46 13 31-1648	EA	Addressable Zone Interface Module (Silent Knight SK-ZONE)	172.34	43.46
28 46 13 31-1649	EA	Six Zone Interface Module (Silent Knight SK-ZONE-6)	564.12	57.95

28 46 13 31-1650 SK Bases *(28 46 13 31-1589)*

28 46 13 31-1651	EA	6" Mounting Base (Silent Knight B210LP)	42.52	14.48
28 46 13 31-1652	EA	4" Flangeless Mounting Base (Silent Knight B501)	45.27	14.48
28 46 13 31-1653	EA	Intelligent Sounder Base (Silent Knight B200S)	88.10	14.48
28 46 13 31-1654	EA	Low-Frequency Intelligent Sounder Base (Silent Knight B200-LF)	122.61	14.48
28 46 13 31-1655	EA	Relay Base (Silent Knight B224RB)	72.36	14.48
28 46 13 31-1656	EA	Isolator Base (Silent Knight B224BI)	71.50	14.48

28 46 13 31-1657 SD Compatible Addressable Device *(28 46 13 31-1589)*

28 46 13 31-1658	EA	Addressable Smoke 4" Detector Base (Silent Knight SD505-4AB)	40.80	14.48
28 46 13 31-1659	EA	Addressable Smoke 6" Detector Base (Silent Knight SD505-6AB)	55.23	14.48
28 46 13 31-1660	EA	6" Addressable Relay Base (Silent Knight SD505-6RB)	151.79	14.48
28 46 13 31-1661	EA	6" Addressable Sounder Base (Silent Knight SD505-6SB)	157.20	14.48
28 46 13 31-1662	EA	Addressable Input Module (Silent Knight SD500-AIM)	252.39	43.46
28 46 13 31-1663	EA	Addressable Notification Module (Silent Knight SD500-ANM)	241.33	43.46
28 46 13 31-1664	EA	Addressable Relay Module (Silent Knight SD500-ARM)	260.45	43.46

28 46 13 31-1665 System Expanders *(28 46 13 31-1589)*

28 46 13 31-1666	EA	SLC Expander For IDP Or SK Devices (Silent Knight 6815)	536.91	57.95
28 46 13 31-1667	EA	SLC Expander For SD Devices (Silent Knight 5815XL)	473.12	57.95
28 46 13 31-1668	EA	6A Power Supply With 6 Flexput Circuits And 2 Form C Relays (Silent Knight RPS-1000)	843.51	28.98
28 46 13 31-1669	EA	6 AMP NAC Power Expander With 4 Power-Limited Output Ckts (Silent Knight 5496)	587.91	86.93

28 46 13 31-1670 Miscellaneous Accessories *(28 46 13 31-1589)*

28 46 13 31-1671	EA	Remote Battery Box Accessory Cabinet (Silent Knight RBB)	141.71	28.98

28 46 13 31-1672 Silent Knight Fire Alarm *(28 46 13 31-0795)*

28 46 13 31-1673	EA	Detector (Silent Knight IDP-PhotoR)	211.31	43.46
28 46 13 31-1674	EA	SLC Annunciator Driver Module (Silent Knight SD500-LED)	627.42	86.93
28 46 13 31-1675	EA	Monitoring Module (Silent Knight IDP)	217.86	43.46
28 46 13 31-1676	EA	I/O Input-Output Module (Silent Knight SK-2880)	516.21	28.98
28 46 13 31-1677	EA	Remote Annunciator (Silent Knight RA-2000)	1,483.15	86.93
28 46 13 31-1678	EA	Power Supply (Silent Knight 5195/96)	908.99	28.98
28 46 13 31-1679	EA	8 Zone Expander (Silent Knight SK-5210)	712.60	28.98
28 46 13 31-1680	EA	10 Zone Expander (Silent Knight SK-5217)	326.11	28.98
28 46 13 31-1681	EA	Remote Annunciator (Silent Knight SK-5235)	339.89	57.95
28 46 13 31-1682	EA	LCD Remote Annunciator (Silent Knight SK-5230)	324.11	57.95
28 46 13 31-1683	EA	Digital Fire Communicator with Cabinet (Silent Knight SK-5104)	516.74	86.93
28 46 13 31-1684	EA	Ionization Smoke Detector (Silent Knight SK-ION)	168.34	43.46
28 46 13 31-1685	EA	Addressable Relay Module (Silent Knight IDP-Relay)	185.13	43.46
28 46 13 31-1686	EA	Telephone Line Monitor (Silent Knight SK-7150)	116.87	28.98
28 46 13 31-1687	EA	Serial Driver Board (Silent Knight SK-2884)	203.28	28.98
28 46 13 31-1688	EA	Addressable Duct Detector Test Switch (Silent Knight SD505-DTS)	159.10	43.46
28 46 13 31-1689	EA	Smoke Detector Base (Silent Knight IDP-6AB)	61.71	14.48
28 46 13 31-1690	EA	Mini Input Module (Silent Knight IDP-MINIMON)	156.15	28.98
28 46 13 31-1691	EA	Status Display Module (Silent Knight SK-4180)	529.30	28.98
28 46 13 31-1692	EA	8-Channel Digital Communicator (Silent Knight SK-1420)	319.81	28.98

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-1693	EA	Serial Parallel Module (Silent Knight SK-4824)	293.62	28.98
28 46 13 31-1694	EA	Addressable Heat Sensor (Silent Knight SD505-AHS)	179.45	43.46
28 46 13 31-1695	EA	Addressable Photoelectric Smoke Detector (Silent Knight SD505-APS)	155.73	43.46
28 46 13 31-1696	EA	Power Supply (Silent Knight SK-5197 / SK-5198)	1,039.93	28.98
28 46 13 31-1697	EA	4-Zone Fire Alarm Control Panel, Complete (Silent Knight SK-5204)	1,802.97	115.91
28 46 13 31-1698	EA	Intelligent Ionization Smoke Detector (Silent Knight IDP-ION)	217.86	43.46
28 46 13 31-1699	EA	Intelligent Photoelectric Smoke Detector (Silent Knight IDP-Photo)	185.13	43.46
28 46 13 31-1700	EA	Analog Ionization Smoke Detector (Silent Knight SD505-AIS)	165.12	43.46
28 46 13 31-1701	EA	Addressable Mini Input Module (Silent Knight SD500-MIM)	124.25	28.98
28 46 13 31-1702	EA	6 Amperes, 24 Volt DC, Distributed Power Module (with cabinet) (Silent Knight SK-5495)	594.69	86.93
28 46 13 31-1703	EA	Manual Pull Station (single action) (Silent Knight PS-SATK)	89.24	28.98
28 46 13 31-1704	EA	Manual Pull Station (dual action) (Silent Knight PS-DATK)	95.49	28.98
28 46 13 31-1705	EA	Manual Pull Station (dual action) (Silent Knight PS-DA)	93.73	28.98
28 46 13 31-1706	EA	Single Loop Addressable Fire Alarm Control/Communicator System (Silent Knight 5808)	1,242.26	115.91
28 46 13 31-1707	EA	Addressable Fire Alarm Control Panel With Integrated Emergency Communication System (Silent Knight 5820XL-EVS)	3,937.47	289.76
28 46 13 31-1708	EA	Supervised Remote Command Unit (Silent Knight EVS-RCU)	1,653.92	173.85
28 46 13 31-1709	EA	Voice Evacuation System (Silent Knight SKE-450)	1,941.59	115.91
28 46 13 31-1710	EA	Fire Fighters Telephone (Silent Knight SK-FFT)	1,618.11	115.91
28 46 13 31-1711	EA	Multi-Loop Addressable Fire Alarm Control/Communicator System (Silent Knight 5820XL)	1,743.48	173.85
28 46 13 31-1712	EA	Single Loop Addressable Fire Alarm Control/Communicator System (Silent Knight 5700)	959.70	115.91
28 46 13 31-1713	EA	Hybrid Conventional Fire Alarm Control/Communicator System (Silent Knight 5600)	833.45	115.91
28 46 13 31-1714	EA	Ionization Smoke Detector (Silent Knight SK-ION)	168.34	43.46
28 46 13 31-1715	EA	Sounder Base (Silent Knight B200SR)	91.07	14.48
28 46 13 31-1716	EA	Intelligent Sounder Base (Silent Knight B200S)	96.11	14.48
28 46 13 31-1717	EA	Isolator Base (Silent Knight B224BI)	76.82	14.48
28 46 13 31-1718	EA	Relay Base (Silent Knight B224RB)	77.65	14.48
28 46 13 31-1719	EA	6" Isolator Base (Silent Knight SD505-6IB)	95.28	14.48
28 46 13 31-1720	EA	Loop Isolation Module (Silent Knight SD500-LIM)	160.77	43.46
28 46 13 31-1721	EA	Single Action Addressable Pull Station (Silent Knight SD500-PS)	156.54	28.98
28 46 13 31-1722	EA	Dual Action Addressable Pull Station (Silent Knight SD500-PSDA)	150.07	28.98
28 46 13 31-1723	EA	Back Box (Silent Knight SK-PSSMBB)	73.42	23.18
28 46 13 31-1724	EA	Smoke Detector Module (Silent Knight SD500-SDM)	177.43	43.46
28 46 13 31-1725	EA	Addressable Duct Housing (Silent Knight SD505-DUCT)	313.83	43.46
28 46 13 31-1726	EA	Addressable Duct Housing With Built-In Relay (Silent Knight SD505-DUCTR)	353.50	43.46
28 46 13 31-1727	EA	Intelligent Power Module (Silent Knight 5895XL)	900.47	115.91
28 46 13 31-1728	EA	Addressable Pull Station (Silent Knight SK-Pull-DA/SA)	150.07	28.98
28 46 13 31-1729	EA	Communicator (Silent Knight IPGSM-4G)	733.24	57.95
28 46 13 31-1730	EA	Ten Zone Conventional Fire Alarm Control Panel (Silent Knight SK-5208)	1,169.87	115.91
28 46 13 31-1731	EA	Status Display Module (Silent Knight 5280)	104.12	28.98
28 46 13 31-1732	EA	Four Zone Conventional Fire Alarm Control Panel (Silent Knight SK-4)	688.49	115.91
28 46 13 31-1733	EA	Four Zone Conventional Fire Alarm Control Panel (Silent Knight SK-4E)	700.96	115.91
28 46 13 31-1734	EA	Dress Panel (Silent Knight SK-DP2/4)	133.47	28.98
28 46 13 31-1735	EA	Class A Convertor (Silent Knight SK-CAC4)	333.00	43.46
28 46 13 31-1736	EA	Transmitter Module (Silent Knight SK-4XTM	185.52	43.46
28 46 13 31-1737	EA	LED Interface Module (Silent Knight SK-4XLM	172.58	43.46
28 46 13 31-1738	EA	110 Volt AC, 3-6 Amperes, Transformer (Silent Knight SK-XRM24)	169.46	28.98
28 46 13 31-1739	EA	Remote Annunciator (Silent Knight SK-RZA4)	172.58	43.46
28 46 13 31-1740	EA	Zone Relay Module (Silent Knight SK-4XZM)	183.90	43.46
28 46 13 31-1741	EA	Two Zone Conventional Fire Alarm Control Panel (Silent Knight SK-2)	602.76	115.91
28 46 13 31-1742	EA	Dual Action Manual Pull Station, Hex Key (Silent Knight PS-DAH)	85.17	28.98
28 46 13 31-1743	EA	Dual Action Listed Outdoor Manual Pull Station With Black Box (Silent Knight PS-DALOB)	176.21	34.77
28 46 13 31-1744	EA	9 Amperes, 24 Volt DC, Distributed Power Module (with cabinet) (Silent Knight SK-5499)	663.27	86.93
28 46 13 31-1745		**Alerton Fire Alarm** *(28 46 13 31)*		
28 46 13 31-1746	EA	UL Listed Surge Protector In CHS-M3 Or CPU2-640 Chassis (Alerton ESD-100)	638.94	8.69
28 46 13 31-1747		**Cooper Fire Alarm** *(28 46 13 31)*		
28 46 13 31-1748	EA	Single Circuit Class A / Multiple B, 12 Or 24 Volt DC, Sync Module (Cooper DSM-12/24-R)	204.41	28.98
28 46 13 31-1749	EA	Red Lens, 21 Joules, 24 Volt DC, Class I, Div 1, Groups C, D, NEMA 4X And 6, Strobe (Cooper EP109205-001)	4,552.21	49.26
28 46 13 31-1750	EA	Red, 100 dB, 24 Volt DC, Class I, Div 1, Groups C, D, NEMA 4X, Multitone Horn (Cooper EP109206-002)	6,008.20	49.26
28 46 13 31-1751	EA	Red Lens, 5 Joules, 24 Volt DC, Red Finish, Class I, Div 2, Groups C And D, NEMA 4X And 6, Strobe (Cooper HL109201-001)	2,181.79	57.95
28 46 13 31-1752	EA	Clear Lens, 5 Joules, 24 Volt DC, Red Finish, Class I, Div 2, Groups C And D, NEMA 4X And 6, Strobe (Cooper HL109201-002)	2,194.73	57.95
28 46 13 31-1753	EA	Amber Lens, 5 Joules, 110 Volt AC, Red Finish, Class I, Div 2, Groups C And D, NEMA 4X And 6, Strobe (Cooper HL109201-007)	2,194.73	57.95
28 46 13 31-1754	EA	Red Lens, 10 Joules, 24 Volt DC, Wire Guard, Black Finish, Class I, Div 2, Groups A, B, C And D, NEMA 4X And 6, Strobe (Cooper HL109202-001)	1,622.04	57.95
28 46 13 31-1755	EA	Amber Lens, 10 Joules, 120 Volt AC, Wire Guard, Black Finish, Class I, Div 2, Groups A, B, C And D, NEMA 4X And 6, Strobe (Cooper HL109202-003)	1,622.04	57.95
28 46 13 31-1756	EA	Red Lens, 10 Joules, 120 Volt AC, Wire Guard, Black Finish, Class I, Div 2, Groups A, B, C And D, NEMA 4X And 6, Strobe (Cooper HL109202-004)	1,622.04	57.95
28 46 13 31-1757	EA	Amber Lens, 15 Joules, 120 Volt AC, Wire Guard, Black Finish, Backstrap, Class I, Div 2, Groups A, B, C And D, NEMA 4X And 6, Strobe (Cooper HL109202-005)	2,194.73	57.95
28 46 13 31-1758	EA	Amber Lens, 15 Joules, 120 Volt AC, Wire Guard, Black Finish, Pendant Mounted, Class I, Div 2, Groups A, B, C And D, NEMA 4X And 6, Strobe (Cooper HL109202-006)	2,194.73	57.95
28 46 13 31-1759	EA	Red Lens, 15 Joules, 120 Volt AC, Wire Guard, Black Finish, Blackstrap, Class I, Div 2, Groups A, B, C And D, NEMA 4X And 6, Strobe (Cooper HL109202-007)	2,194.73	57.95

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-1760	EA	Red Lens, 15 Joules, 120 Volt AC, Wire Guard, Black Finish, Pendant Mounted, Class I, Div 2, Groups A, B, C And D, NEMA 4X And 6, Strobe (Cooper HL109202-008)	2,194.73	57.95
28 46 13 31-1761	EA	Red Lens, 15 Joules, 24 Volt DC, Wire Guard, Blackstrap, Black Finish, Class I, Div 2, Groups A, B, C And D, NEMA 4X And 6, Strobe (Cooper HL109203-002)	2,194.73	57.95
28 46 13 31-1762	EA	Red Lens, 21 Joules, 24 Volt DC, Red Finish, Class I, Div 2, Groups C And D, NEMA 4X And 6, Strobe (Cooper HL109204-001)	2,529.61	57.95
28 46 13 31-1763	EA	Red Lens, 21 Joules, 24 Volt DC, Black Finish, Class I, Div 2, Groups C And D, NEMA 4X And 6, Strobe (Cooper HL109204-003)	2,348.42	57.95
28 46 13 31-1764	EA	Amber Lens, 21 Joules, 110 Volt AC, Red Finish, Class I, Div 2, Groups C And D, NEMA 4X And 6, Strobe (Cooper HL109204-005)	2,348.42	57.95
28 46 13 31-1765	EA	Red Lens, 21 Joules, 110 Volt AC, Red Finish, Class I, Div 2, Groups C And D, NEMA 4X And 6, Strobe (Cooper HL109204-006)	2,348.42	57.95
28 46 13 31-1766		**Light Engineered Displays Message Boards** *(28 46 13 31)*		
28 46 13 31-1767	EA	Two Message Sign, Announcement And Evacuate (LED SP-2/MNS)	934.53	34.77
28 46 13 31-1768	EA	Four Message Sign, Fire, Weather, Announcement, E Voltuate (LED SP-4)	823.19	34.77
28 46 13 31-1769		**Safety Technology International Fire Alarm** *(28 46 13 31)*		
28 46 13 31-1770		**Enclosures** *(28 46 13 31-1769)*		
28 46 13 31-1771	EA	6" Height x 6" Width x 4" Depth, Opaque, Fiberglass Enclosure (STI EF060604-O)	164.58	17.39
28 46 13 31-1772	EA	6" Height x 6" Width x 4" Depth, Opaque, Fiberglass Enclosure With Window (STI EF060604-W)	216.73	17.39
28 46 13 31-1773	EA	8" Height x 6" Width x 4" Depth, Opaque, Fiberglass Enclosure (STI EF080604-O)	168.05	17.39
28 46 13 31-1774	EA	8" Height x 6" Width x 4" Depth, Opaque, Fiberglass Enclosure With Window (STI EF080604-W)	217.89	17.39
28 46 13 31-1775	EA	8" Height x 8" Width x 4" Depth, Opaque, Fiberglass Enclosure (STI EF080804-O)	172.69	17.39
28 46 13 31-1776	EA	8" Height x 8" Width x 4" Depth, Opaque, Fiberglass Enclosure With Window (STI EF080804-W)	252.66	17.39
28 46 13 31-1777	EA	10" Height x 8" Width x 6" Depth, Opaque, Fiberglass Enclosure (STI EF100806-O)	180.80	17.39
28 46 13 31-1778	EA	10" Height x 8" Width x 6" Depth, Opaque, Fiberglass Enclosure With Window (STI EF100806-W)	251.50	17.39
28 46 13 31-1779	EA	12" Height x 10" Width x 6" Depth, Opaque, Fiberglass Enclosure (STI EF121006-O)	194.71	17.39
28 46 13 31-1780	EA	12" Height x 10" Width x 6" Depth, Opaque, Fiberglass Enclosure With Window (STI EF121006-W)	273.52	17.39
28 46 13 31-1781	EA	14" Height x 12" Width x 6" Depth, Opaque, Fiberglass Enclosure (STI EF141206-O)	232.96	17.39
28 46 13 31-1782	EA	14" Height x 12" Width x 6" Depth, Opaque, Fiberglass Enclosure With Window (STI EF141206-W)	356.97	17.39
28 46 13 31-1783	EA	14" Height x 12" Width x 8" Depth, Opaque, Fiberglass Enclosure (STI EF141208-O)	251.50	17.39
28 46 13 31-1784	EA	14" Height x 12" Width x 8" Depth, Opaque, Fiberglass Enclosure With Window (STI EF141208-W)	452.01	17.39
28 46 13 31-1785	EA	16" Height x 14" Width x 8" Depth, Opaque, Fiberglass Enclosure (STI EF161408-O)	267.73	17.39
28 46 13 31-1786	EA	16" Height x 14" Width x 8" Depth, Opaque, Fiberglass Enclosure With Window (STI EF161408-W)	465.91	17.39
28 46 13 31-1787	EA	18" Height x 16" Width x 10" Depth, Opaque, Fiberglass Enclosure (STI EF181610-O)	319.88	17.39
28 46 13 31-1788	EA	18" Height x 16" Width x 10" Depth, Opaque, Fiberglass Enclosure With Window (STI EF181610-W)	478.66	17.39
28 46 13 31-1789	EA	20" Height x 16" Width x 10" Depth, Opaque, Fiberglass Enclosure (STI EF201610-O)	465.91	17.39
28 46 13 31-1790	EA	20" Height x 16" Width x 10" Depth, Opaque, Fiberglass Enclosure With Window (STI EF201610-W)	695.39	17.39
28 46 13 31-1791	EA	6" Height x 6" Width x 5" Depth, Opaque, Polycarbonate Enclosure (STI EP060605-O)	120.54	17.39
28 46 13 31-1792	EA	6" Height x 6" Width x 5" Depth, Tinted, Polycarbonate Enclosure (STI EP060605-T)	132.13	17.39
28 46 13 31-1793	EA	8" Height x 6" Width x 5" Depth, Opaque, Polycarbonate Enclosure (STI EP080605-O)	125.75	17.39
28 46 13 31-1794	EA	8" Height x 6" Width x 5" Depth, Tinted, Polycarbonate Enclosure (STI EP080605-T)	135.60	17.39
28 46 13 31-1795	EA	8" Height x 8" Width x 5" Depth, Opaque, Polycarbonate Enclosure (STI EP080805-O)	130.39	17.39
28 46 13 31-1796	EA	8" Height x 8" Width x 5" Depth, Tinted, Polycarbonate Enclosure (STI EP080805-T)	141.98	17.39
28 46 13 31-1797	EA	10" Height x 8" Width x 6" Depth, Opaque, Polycarbonate Enclosure (STI EP100806-O)	132.13	17.39
28 46 13 31-1798	EA	10" Height x 8" Width x 6" Depth, Tinted, Polycarbonate Enclosure (STI EP100806-T)	155.88	17.39
28 46 13 31-1799	EA	10" Height x 8" Width x 7" Depth, Opaque, Polycarbonate Enclosure (STI EP100807-O)	139.08	17.39
28 46 13 31-1800	EA	10" Height x 8" Width x 7" Depth, Tinted, Polycarbonate Enclosure (STI EP100807-T)	160.52	17.39
28 46 13 31-1801	EA	10" Height x 10" Width x 6" Depth, Opaque, Polycarbonate Enclosure (STI EP101006-O)	145.45	17.39
28 46 13 31-1802	EA	10" Height x 10" Width x 6" Depth, Tinted, Polycarbonate Enclosure (STI EP101006-T)	163.42	17.39
28 46 13 31-1803	EA	12" Height x 10" Width x 7" Depth, Opaque, Polycarbonate Enclosure (STI EP121007-O)	147.19	17.39
28 46 13 31-1804	EA	12" Height x 10" Width x 7" Depth, Tinted, Polycarbonate Enclosure (STI EP121007-T)	169.21	17.39
28 46 13 31-1805	EA	14" Height x 12" Width x 7" Depth, Opaque, Polycarbonate Enclosure (STI EP141207-O)	173.85	17.39
28 46 13 31-1806	EA	14" Height x 12" Width x 7" Depth, Tinted, Polycarbonate Enclosure (STI EP141207-T)	217.89	17.39
28 46 13 31-1807	EA	16" Height x 14" Width x 9" Depth, Opaque, Polycarbonate Enclosure (STI EP161409-O)	192.39	17.39
28 46 13 31-1808	EA	16" Height x 14" Width x 9" Depth, Tinted, Polycarbonate Enclosure (STI EP161409-T)	261.93	17.39
28 46 13 31-1809	EA	18" Height x 16" Width x 5" Depth, Opaque, Polycarbonate Enclosure (STI EP181604-O)	214.41	17.39
28 46 13 31-1810	EA	18" Height x 16" Width x 5" Depth, Tinted, Polycarbonate Enclosure (STI EP181604-T)	281.63	17.39
28 46 13 31-1811	EA	18" Height x 16" Width x 11" Depth, Opaque, Polycarbonate Enclosure (STI EP181611-O)	244.55	17.39
28 46 13 31-1812	EA	18" Height x 16" Width x 11" Depth, Tinted, Polycarbonate Enclosure (STI EP181611-T)	331.47	17.39
28 46 13 31-1813	EA	20" Height x 16" Width x 9" Depth, Opaque, Polycarbonate Enclosure (STI EP201608-O)	394.06	17.39
28 46 13 31-1814	EA	20" Height x 16" Width x 9" Depth, Tinted, Polycarbonate Enclosure (STI EP201608-T)	412.60	17.39
28 46 13 31-1815	EA	24" Height x 24" Width x 10" Depth, Opaque, Polycarbonate Enclosure (STI EP242410-O)	598.04	17.39
28 46 13 31-1816	EA	24" Height x 24" Width x 10" Depth, Tinted, Polycarbonate Enclosure (STI EP242410-T)	694.24	17.39
28 46 13 31-1817		**STI® Fire Alarm Devices** *(28 46 13 31-1769)*		
28 46 13 31-1818	EA	Pull Station Polycarbonate Cover, Semi Flush With Horn (STI-1100) Note: Includes 9 Volt DC self contained battery.	198.77	17.39
28 46 13 31-1819	EA	Surface Mounted, Manual Pull Station Polycarbonate Cover With Horn (STI-1130)	217.89	17.39
28 46 13 31-1820	EA	Flush Mounted, Manual Pull Station Polycarbonate Cover (STI-1200)	124.30	17.39
28 46 13 31-1821	EA	Surface Mounted, Horn Strobe Polycarbonate Cover (STI-1210D) Note: For surface mounted horn strobes.	125.46	17.39
28 46 13 31-1822	EA	Flush Mounted, Horn Strobe Polycarbonate Cover (STI-1210E)	110.39	17.39
28 46 13 31-1823	EA	Strobe Damage Stopper And Open Backbox With Conduit Knockout (STI-1221D) Note: For surface mounted strobe.	125.46	17.39
28 46 13 31-1824	EA	Strobe Damage Stopper And Open Backbox, Semi Flush (STI-1221E)	99.09	17.39
28 46 13 31-1825	EA	NEMA 4X Rated Polycarbonate Dome Cover (STI-1229)	246.87	17.39

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-1826	EA	Surface Mounted, Manual Pull Station Polycarbonate Cover (STI-1230) Note: For surface mounted pull stations.	161.10	17.39
28 46 13 31-1827	EA	Backplate For Polycarbonate Cover (STI-1280)	71.39	17.39
28 46 13 31-1828	EA	Conduit Gasket For Polycarbonate Cover (STI-3003)	48.68	17.39
28 46 13 31-1829	EA	Conduit Spacer For Surface Mounted Polycarbonate Cover (STI-3100)	72.67	17.39
28 46 13 31-1830	EA	Weather Resistant, Surface Mounted, Manual Pull Station Polycarbonate Cover (STI-3150)	181.38	17.39
28 46 13 31-1831	EA	8.5" x 6.5" x 4.6", Thumb Lock, Lockable Enclosure (STI-7511A)	148.35	17.39
28 46 13 31-1832	EA	Flush Mounted, Smoke Detector Polycarbonate Cover (STI-8100)	106.63	17.39
28 46 13 31-1833	EA	Flush Mounted, Low Profile, Smoke Detector Steel Wire Cover (STI-9601)	100.25	17.39
28 46 13 31-1834	EA	Surface Mounted, Low Profile, Smoke Detector, Polyester Shell, Steel Wire Cover (STI-9602)	96.49	17.39
28 46 13 31-1835	EA	Flush Mounted, Mini Smoke Detector, Polyester Shell, Steel Wire Cover (STI-9604)	100.25	17.39
28 46 13 31-1836	EA	Surface Mounted, Mini Smoke Detector, Polyester Shell, Steel Wire Cover (STI-9605)	96.49	17.39
28 46 13 31-1837	EA	Flush Mounted, High Profile, Smoke Detector, Polyester Shell, Steel Wire Cover (STI-9609)	100.25	17.39
28 46 13 31-1838	EA	Surface Mounted, High Profile, Smoke Detector, Polyester Shell, Steel Wire Cover (STI-9610)	96.49	17.39
28 46 13 31-1839	EA	Beam Smoke Detector, Polyester Shell, Steel Wire Cover (STI-9625)	199.93	17.39
28 46 13 31-1840	EA	White, Flush Mounted, Horn/Strobe/Speaker, Polyester Shell, Steel Wire Cover (STI-9705)	88.89	17.39
28 46 13 31-1841	EA	Red, Flush Mounted, Horn/Strobe/Speaker, Polyester Shell, Steel Wire Cover (STI-9705-R)	104.33	17.39
28 46 13 31-1842	EA	Flush Mounted, Beam Smoke Detector, Polyester Shell, Steel Wire Cover (STI-9706)	140.82	17.39
28 46 13 31-1843	EA	Surface Mounted, Beam Smoke Detector, Polyester Shell, Steel Wire Cover (STI-9707)	140.82	17.39
28 46 13 31-1844	EA	White, Surface Mounted, Horn/Strobe/Speaker, Polyester Shell, Steel Wire Cover (STI-9708)	99.09	17.39
28 46 13 31-1845	EA	Red, Surface Mounted, Horn/Strobe/Speaker, Polyester Shell, Steel Wire Cover (STI-9708-R)	99.09	17.39
28 46 13 31-1846	EA	White, Flush Mounted, Horn/Strobe/Speaker, Polyester Shell, Steel Wire Cover (STI-9711)	88.89	17.39
28 46 13 31-1847	EA	Flush Mounted, Smoke Detector, Polyester Shell, Steel Wire Cover (STI-9713)	99.09	17.39
28 46 13 31-1848	EA	White, Surface Mounted, Horn/Strobe/Speaker, Polyester Shell, Steel Wire Cover (STI-9714)	99.09	17.39
28 46 13 31-1849	EA	Yellow, High Threat, Push Button Station (STI SS-2201)	128.61	8.69
28 46 13 31-1850	EA	Gasket Kit For STI Covers (STI SUB-121)	52.61	
28 46 13 31-1851	EA	Universal Cover With Horn, Flush Mount, Momentary Button, Exit Label, Green Stopper Station (STI SS-2144XT)	261.93	17.39
28 46 13 31-1852	EA	No Cover, Push And Turn-To-Reset Button, Evacuation Label, Yellow Stopper Station (STI SS-2201EV)	138.50	17.39
28 46 13 31-1853	EA	No Cover, Push And Key-To-Rest Button, Emergency Label, Blue Stopper Station (STI SS-2400EM)	138.50	17.39
28 46 13 31-1854	EA	Universal Cover With Horn, Flush Mount, Push And Key-To-Reset Button, Emergency Label, Blue Stopper Station (STI SS-2440EM)	261.93	17.39
28 46 13 31-1855	EA	Flush Mounted, Weather Stopper II (STI-1250)	149.80	17.39
28 46 13 31-1856	EA	Flush Mounted, Clear, Universal Stopper (STI-13000NC)	96.49	17.39
28 46 13 31-1857	EA	Flush Mounted, Universal, Fire Label, Red, Stopper With Horn (STI-13020FR)	172.11	17.39
28 46 13 31-1858	EA	Surface Mounted, Clear, Universal Stopper (STI-13200NC)	118.22	17.39
28 46 13 31-1859	EA	Surface Mounted, Fire Label, Red, Universal Stopper (STI-13210FR)	129.81	17.39
28 46 13 31-1860	EA	Surface Mounted, No Label, White, Universal Stopper (STI-13210NW)	141.98	17.39
28 46 13 31-1861	EA	Surface Mounted, No Label, Yellow, Universal Stopper (STI-13210NY)	141.98	17.39
28 46 13 31-1862	EA	Surface Mounted, Fire Label, Red, Universal Stopper With Horn (STI-13220FR)	193.55	17.39
28 46 13 31-1863	EA	Surface Mounted, No Label, Yellow, Universal Stopper With Horn (STI-13220NY)	205.14	17.39
28 46 13 31-1864	EA	Surface Mounted, Fire Label, Red, Universal Stopper With Horn And Relay (STI-13230FR)	245.71	17.39
28 46 13 31-1865	EA	Stopper II, Weather Gasket (STI-3002)	47.46	17.39
28 46 13 31-1866	EA	Large, Break Glass Stopper (STI-4100)	140.82	17.39
28 46 13 31-1867	EA	Stopper "G" Standard Break Glass Cover (STI-6100)	135.60	17.39
28 46 13 31-1868	EA	Clear, Polycarbonate Enclosure With Deep Back Box And Exterior Key Lock (STI-7510A)	130.68	17.39
28 46 13 31-1869	EA	Polycarbonate Multi-Purpose Enclosure With Backplate And Key Lock (STI-7530)	363.92	17.39
28 46 13 31-1870	EA	Heated, Metal, Protective Cabinet (STI-7560AH)	5,203.87	17.39
28 46 13 31-1871	EA	Stainless Steel Guard (STI-9604SS)	91.56	17.39
28 46 13 31-1872	EA	5-3/4" Width x 4-1/2" Depth, Motion Detector Guard (STI-9621)	81.42	17.39
28 46 13 31-1873		System Sensor Fire Alarm *(28 46 13 31)*		
28 46 13 31-1874		Smoke Detectors *(28 46 13 31-1873)*		
28 46 13 31-1875	EA	Beam Detector Heater Kit (System Sensor BEAMHK)	64.58	5.79
28 46 13 31-1876	EA	Reflectors, Beam Detector Heater Kit (System Sensor BEAMHKR) Note: Four used with long range kit.	277.12	5.79
28 46 13 31-1877	EA	Projected Beam Smoke Detector Long Range Kit (System Sensor BEAMLRK)	323.09	57.95
28 46 13 31-1878	EA	Wall Or Ceiling Mounted, Projected Beam Smoke Detector Multi-Mount Kit (System Sensor BEAMMMK)	232.00	57.95
28 46 13 31-1879	EA	Projected Beam Smoke Detector Surface Mounted Kit (System Sensor BEAMSMK)	185.57	57.95
28 46 13 31-1880	EA	Two Wire, Photoelectric Smoke Detector (System Sensor 2W-B)	176.33	43.46
28 46 13 31-1881	EA	Two Wire, Photoelectric Smoke Detector With Thermal Sensor (System Sensor 2WT-B)	173.55	43.46
28 46 13 31-1882	EA	Two Wire, Photoelectric Smoke Detector With Thermal Sensor And Built In Sounder (System Sensor 2WTA-B)	185.96	43.46
28 46 13 31-1883	EA	Four Wire, Photoelectric Smoke Detector (System Sensor 4W-B)	179.43	43.46
28 46 13 31-1884	EA	Four Wire, Photoelectric Smoke Detector With Thermal Sensor, 12/24 Volt DC (System Sensor 4WT-B)	185.46	43.46
28 46 13 31-1885	EA	Four Wire, Photoelectric Smoke Detector With Thermal Sensor And Built In Sounder (System Sensor 4WTA-B)	190.78	43.46
28 46 13 31-1886	EA	Four Wire, Photoelectric Smoke Detector With Isolated Thermal Sensor, Built In Sounder, Form C Relay (System Sensor 4WITAR-B)	261.65	43.46
28 46 13 31-1887	EA	Photoelectric, Low-Profile, Smoke Detector Head (System Sensor 2151)	151.78	28.98
28 46 13 31-1888	EA	Photoelectric With Thermal Sensor, Low-Profile, Smoke Detector Head (System Sensor 2151T) Note: Requires B100 series base.	174.43	28.98
28 46 13 31-1889	EA	Heavy Duty Multi-Mount Kit (System Sensor 6500-MMK)	317.13	14.48
28 46 13 31-1890	EA	Surface-Mount Kit For Use With Beam1224 And FSB-200 When Using 6500-MMK Heavy Duty Multi-Mount Kit (System Sensor 6500-SMK)	105.48	14.48
28 46 13 31-1891	EA	Four Wire, Low Profile, Plug In Detector (System Sensor 2D51)	199.14	43.46
28 46 13 31-1892		Duct Smoke Detectors *(28 46 13 31-1873)*		
28 46 13 31-1893	EA	Two Wire Conventional Photoelectric Duct Detector (Includes 2151 Detector) (System Sensor D2)	398.89	43.46
28 46 13 31-1894	EA	Four Wire Conventional Photoelectric Duct Detector (Includes 2D51 Detector) (System Sensor D4120)	395.32	43.46
28 46 13 31-1895	EA	Watertight, Four Wire Conventional Photoelectric Duct Detector (Includes 2D51 Detector) (System Sensor D4120W)	521.22	49.26

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-1896	EA	Sensor Only, Four Wire Conventional Photoelectric Duct Detector (System Sensor D4S)	260.37	28.98
28 46 13 31-1897	EA	Duct Accessory Coil (Required On DNR If A Remote Test Station Is Used) (System Sensor DCOIL)	70.38	8.69
28 46 13 31-1898	EA	Intelligent, Non-Relay, Duct Smoke Detector Housing (System Sensor DNR)	223.77	23.18
28 46 13 31-1899	EA	Watertight, Intelligent, Non-Relay, Duct Smoke Detector Housing (System Sensor DNRW)	366.34	28.98
28 46 13 31-1900	EA	1' Steel Sampling Tube (System Sensor DST1)	38.54	11.59
28 46 13 31-1901	EA	1.5' Steel Sampling Tube (System Sensor DST1.5)	42.59	11.59
28 46 13 31-1902	EA	3' Steel Sampling Tube (System Sensor DST3)	48.72	11.59
28 46 13 31-1903	EA	5' Steel Sampling Tube (System Sensor DST5)	57.18	14.48
28 46 13 31-1904	EA	10' Steel Sampling Tube (System Sensor DST10)	94.19	17.39
28 46 13 31-1905	EA	1' Steel, Exhaust Tube Duct (System Sensor ETX)	44.26	11.59
28 46 13 31-1906	EA	Remote Test Station For Duct Smoke Detector (System Sensor RTS151)	105.18	14.48
28 46 13 31-1907	EA	Detector Installation/Removal Tool Kit For 700 Series Detectors (System Sensor XR2)	238.74	
28 46 13 31-1908	EA	Detector Installation/Removal Tool Kit For 800 And 355 Series Detectors (System Sensor XR2B)	256.60	
28 46 13 31-1909		**Heat Detectors** *(28 46 13 31-1873)*		
28 46 13 31-1910	EA	Single Circuit, 135 Degree F, Fixed And Rate-Of-Rise, Heat Detector (System Sensor 5601P)	115.81	43.46
28 46 13 31-1911	EA	Single Circuit, 194 Degree F, Fixed And Rate-Of-Rise, Heat Detector (System Sensor 5602)	115.15	43.46
28 46 13 31-1912	EA	Dual Circuit, 135 Degree F, Fixed And Rate-Of-Rise, Heat Detector (System Sensor 5621)	136.34	43.46
28 46 13 31-1913	EA	Dual Circuit, 194 Degree F, Fixed And Rate-Of-Rise, Heat Detector (System Sensor 5622)	136.34	43.46
28 46 13 31-1914	EA	Dual Circuit, 135 Degree F, Fixed Temperature Heat Detector (System Sensor 5623)	144.96	43.46
28 46 13 31-1915	EA	Dual Circuit, 194 Degree F, Fixed Temperature Heat Detector (System Sensor 5624)	144.96	43.46
28 46 13 31-1916		**Horns** *(28 46 13 31-1873)*		
28 46 13 31-1917	EA	Red, Mini Horn (System Sensor MHR)	124.73	43.46
28 46 13 31-1918	EA	White, Mini Horn (System Sensor MHW)	124.73	43.46
28 46 13 31-1919	EA	White, 12/24 Volt DC, Wall Mounted Horn Only (System Sensor HWL)	126.58	43.46
28 46 13 31-1920	EA	Red, Outdoor, Wall Mounted Replacement Horn (System Sensor HRK-R)	160.79	49.26
28 46 13 31-1921	EA	Red, Indoor, Wall Mounted, Horn (System Sensor HRL)	126.58	43.46
28 46 13 31-1922	EA	Red, Outdoor, Wall Mounted, Horn (System Sensor HRK)	176.33	43.46
28 46 13 31-1923	EA	White, Indoor, Wall Mounted, Compact Horn (System Sensor HGRL)	127.18	43.46
28 46 13 31-1924	EA	Red, Indoor, Wall Mounted, Compact Horn (System Sensor HGWL)	127.18	43.46
28 46 13 31-1925		**Wall Mounted Horns/Strobes** *(28 46 13 31-1873)*		
28 46 13 31-1926	EA	Red, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P2RL)	176.23	43.46
28 46 13 31-1927	EA	Red, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor P2RH)	219.59	43.46
28 46 13 31-1928	EA	Outdoor Backbox, Red, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor P2RHK)	265.22	49.26
28 46 13 31-1929	EA	Plain, Outdoor Backbox, Red, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor P2RHK-P)	258.67	49.26
28 46 13 31-1930	EA	Outdoor Backbox, Red, 120 Volt AC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor P2RHK-120)	271.47	49.26
28 46 13 31-1931	EA	Outdoor Backbox, Red, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P2RK)	264.32	49.26
28 46 13 31-1932	EA	Plain, Outdoor Backbox, Red, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P2RK-P)	250.33	49.26
28 46 13 31-1933	EA	Outdoor, Red, , Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P2RK-R)	217.61	43.46
28 46 13 31-1934	EA	Plain, Red, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P2RL-P)	172.07	43.46
28 46 13 31-1935	EA	White, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P2WL)	176.23	43.46
28 46 13 31-1936	EA	White, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor P2WH)	221.20	43.46
28 46 13 31-1937	EA	Outdoor Backbox, White, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor P2WHK)	256.29	49.26
28 46 13 31-1938	EA	Plain, Outdoor Backbox, White, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor P2WHK-P)	258.67	49.26
28 46 13 31-1939	EA	Plain, White, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor P2WH-P)	219.59	43.46
28 46 13 31-1940	EA	Outdoor Backbox, White, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P2WK)	273.26	49.26
28 46 13 31-1941	EA	Plain, Outdoor Backbox, White, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P2WK-P)	250.33	49.26
28 46 13 31-1942	EA	Plain, White, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P2WL-P)	171.17	43.46
28 46 13 31-1943	EA	Red, Four Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P4RL)	213.74	43.46
28 46 13 31-1944	EA	Red, Four Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor P4RH)	225.85	43.46
28 46 13 31-1945	EA	Outdoor Backbox, Red, Four Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P4RK)	260.82	49.26
28 46 13 31-1946	EA	Outdoor, Red, Four Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P4RK-R)	244.38	49.26
28 46 13 31-1947	EA	White, Four Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P4WL)	213.74	43.46
28 46 13 31-1948	EA	Outdoor Backbox, White, Four Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor PC4WHK)	279.71	49.26

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-1949	EA	Outdoor Backbox, White, Four Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P4WK)	259.26	49.26
28 46 13 31-1950	EA	Red, 24 Volt DC, Low-frequency, Selectable Intensity (15, 30, 75, 95, 110, 135 And 185 Candela) Multi-Candela, Wall Mounted, Horn/Strobe (System Sensor P2RL-LF)	265.53	43.46
28 46 13 31-1951	EA	White, 24 Volt DC, Low-frequency, Selectable Intensity (15, 30, 75, 95, 110, 135 And 185 Candela) Multi-Candela, Wall Mounted, Horn/Strobe (System Sensor P2WL-LF)	265.53	43.46
28 46 13 31-1952	EA	Red, 12/24 Volt DC, Two Wire, Selectable Intensity (15, 30, 75, 95, 110, 135 And 185 Candela) Multi-Candela, Wall Mounted, Compact Horn Strobe (System Sensor P2GRL)	175.64	43.46
28 46 13 31-1953	EA	White, 12/24 Volt DC, Two Wire, Selectable Intensity (15, 30, 75, 95, 110, 135 And 185 Candela) Multi-Candela, Wall Mounted, Compact Horn Strobe (System Sensor P2GWL)	175.64	43.46
28 46 13 31-1954		**Ceiling Mounted Horns/Strobes** *(28 46 13 31-1873)*		
28 46 13 31-1955	EA	Red, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2RL)	179.21	43.46
28 46 13 31-1956	EA	Red, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2RH)	222.82	43.46
28 46 13 31-1957	EA	Outdoor Backbox, Red, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2RHK)	256.29	49.26
28 46 13 31-1958	EA	Outdoor Backbox, Red, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2RK)	248.55	49.26
28 46 13 31-1959	EA	Plain, Red, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2R-P)	211.50	43.46
28 46 13 31-1960	EA	White, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2WL)	179.21	43.46
28 46 13 31-1961	EA	White, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2WH)	222.82	43.46
28 46 13 31-1962	EA	Outdoor Backbox, White, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2WHK)	256.29	49.26
28 46 13 31-1963	EA	Plain, White, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2WH-P)	222.82	43.46
28 46 13 31-1964	EA	Outdoor Backbox, White, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2WK)	248.55	49.26
28 46 13 31-1965	EA	Plain, White, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2W-P)	209.88	43.46
28 46 13 31-1966	EA	Red, Ceiling Mounted, Four Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Horn/Strobe (System Sensor PC4RL)	215.23	43.46
28 46 13 31-1967	EA	Red, Ceiling Mounted, Four Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Horn/Strobe (System Sensor PC4RH)	225.85	43.46
28 46 13 31-1968	EA	White, Four Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC4WL)	215.23	43.46
28 46 13 31-1969		**Wall Mounted Strobes** *(28 46 13 31-1873)*		
28 46 13 31-1970	EA	White Strobe Expander Plate Backbox Skirt (System Sensor SEP-BBSW)	82.44	14.48
28 46 13 31-1971	EA	White Strobe Expander Plate With Standard Candela (System Sensor SEP-SW)	162.64	14.48
28 46 13 31-1972	EA	Red, Selectable Candela (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Strobe (System Sensor SRL)	158.07	43.46
28 46 13 31-1973	EA	Red, Selectable Candela (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Strobe (System Sensor SRH)	190.09	43.46
28 46 13 31-1974	EA	Red, Outdoor, Selectable Candela (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Strobe (System Sensor SRHK)	231.94	49.26
28 46 13 31-1975	EA	Red, Outdoor, Selectable Candela (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Strobe (System Sensor SRK)	229.19	49.26
28 46 13 31-1976	EA	Red, Plain, Outdoor, Selectable Candela (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Strobe (System Sensor SRK-P)	228.90	49.26
28 46 13 31-1977	EA	Red, Outdoor, Selectable Candela (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Strobe (System Sensor SRK-R)	199.73	49.26
28 46 13 31-1978	EA	Red, Plain, Selectable Candela (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Strobe (System Sensor SRL-P)	156.59	43.46
28 46 13 31-1979	EA	White, 12/24 Volt DC, Selectable (15, 15 /75, 30, 75 , 110, 115 Candela) Multi-Candela, Wall Mounted Strobe (System Sensor SWL)	157.48	43.46
28 46 13 31-1980	EA	White, Amber Lens, 12/24 Volt DC, Selectable (15, 15 /75, 30, 75 , 110, 115 Candela) Multi-Candela, Wall Mounted Strobe (System Sensor SWL-ALERT)	171.47	43.46
28 46 13 31-1981	EA	White, Clear Lens, 12/24 Volt DC, Selectable (15, 15 /75, 30, 75 , 110, 115 Candela) Multi-Candela, Wall Mounted Strobe (System Sensor SWL-CLR-ALERT)	198.56	43.46
28 46 13 31-1982	EA	White, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Wall Mounted Strobe (System Sensor SWH)	208.26	43.46
28 46 13 31-1983	EA	White, Amber Lens, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Wall Mounted Strobe (System Sensor SWH-ALERT)	206.64	43.46
28 46 13 31-1984	EA	White, Plain, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Wall Mounted Strobe (System Sensor SWH-P)	206.64	43.46
28 46 13 31-1985	EA	Red, Plain, Outdoor, Selectable Candela (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Strobe (System Sensor SRHK-P)	232.47	49.26
28 46 13 31-1986	EA	White, Outdoor, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Wall Mounted Strobe (System Sensor SWHK)	229.79	49.26
28 46 13 31-1987	EA	White, Plain, Outdoor, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Wall Mounted Strobe (System Sensor SWHK-P)	231.88	49.26
28 46 13 31-1988	EA	Red, Outdoor, Selectable Candela (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Strobe (System Sensor SRHK-R)	223.09	49.26
28 46 13 31-1989	EA	White, Outdoor, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Strobe (System Sensor SWK)	227.41	49.26
28 46 13 31-1990	EA	White, Plain, Outdoor, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Strobe (System Sensor SWK-P)	228.60	49.26

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-1991	EA	White, Plain, 12/24 Volt DC, Selectable (15, 15 /75, 30, 75 , 110, 115 Candela) Multi-Candela, Wall Mounted Strobe (System Sensor SWL-P)	156.29	43.46
28 46 13 31-1992	EA	Amber, Wall Strobe Lens Attachment (System Sensor LENS-A)	27.96	5.79
28 46 13 31-1993	EA	Blue, Wall Strobe Lens Attachment (System Sensor LENS-B)	27.96	5.79
28 46 13 31-1994	EA	Green, Wall Strobe Lens Attachment (System Sensor LENS-G)	27.96	5.79
28 46 13 31-1995	EA	Red, Wall Strobe Lens Attachment (System Sensor LENS-R)	27.96	5.79
28 46 13 31-1996	EA	Red, 12/24 Volt DC, Wall Mounted, L-Series Compact Strobe (System Sensor SGRL)	160.46	43.46
28 46 13 31-1997	EA	White, 12/24 Volt DC, Wall Mounted, L-Series Compact Strobe (System Sensor SGWL)	157.18	43.46
28 46 13 31-1998	EA	L-Series, Amber, Wall Strobe Lens Attachment (System Sensor LENS-A2, AC2)	27.96	5.79
28 46 13 31-1999	EA	L-Series, Blue, Wall Strobe Lens Attachment (System Sensor LENS-B2, BC2)	27.96	5.79
28 46 13 31-2000	EA	L-Series, Green, Wall Strobe Lens Attachment (System Sensor LENS-G2, GC2)	27.96	5.79
28 46 13 31-2001	EA	L-Series, Red, Wall Strobe Lens Attachment (System Sensor LENS-R2, RC2)	27.96	5.79
28 46 13 31-2002	EA	Red, 8 Multi-tone, 12 VDC, 1575CD, Wall Mounted Strobe (Wheelock MT-121575W-FR)	236.76	43.46
28 46 13 31-2003	EA	White, 8 Multi-tone, 12 VDC,1575CD, No Lettering, Wall Mounted Strobe (Wheelock MT-121575W-NW)	236.76	43.46

28 46 13 31-2004 Ceiling Mounted Strobes *(28 46 13 31-1873)*

28 46 13 31-2005	EA	Red, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Strobe (System Sensor SCRL)	161.35	43.46
28 46 13 31-2006	EA	Red, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Ceiling Mounted Strobe (System Sensor SCRH)	192.84	43.46
28 46 13 31-2007	EA	Outdoor Backbox, Red, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Ceiling Mounted Strobe (System Sensor SCRHK)	231.94	49.26
28 46 13 31-2008	EA	Outdoor Backbox, Red, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Strobe (System Sensor SCRK)	231.94	49.26
28 46 13 31-2009	EA	White, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Strobe (System Sensor SCWL)	161.35	43.46
28 46 13 31-2010	EA	Clear Lens, White, Two Wire, 12/24 Volt DC, Standard Candela, Ceiling Mounted Strobe (System Sensor SCWL-CLR-ALERT)	173.26	43.46
28 46 13 31-2011	EA	White, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Ceiling Mounted Strobe (System Sensor SCWH)	211.50	43.46
28 46 13 31-2012	EA	Outdoor Backbox, White, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Ceiling Mounted Strobe (System Sensor SCWHK)	229.79	49.26
28 46 13 31-2013	EA	Outdoor Backbox, White, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Strobe (System Sensor SCWK)	227.41	49.26
28 46 13 31-2014	EA	Plain, White, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Strobe (System Sensor SCW-P)	187.23	43.46
28 46 13 31-2015	EA	Blue, Ceiling Strobe Lens Attachment (System Sensor LENS-BC)	27.96	5.79
28 46 13 31-2016	EA	Red, Ceiling Strobe Lens Attachment (System Sensor LENS-RC)	27.96	5.79
28 46 13 31-2017	EA	Green, Ceiling Strobe Lens Attachment (System Sensor LENS-GC)	27.96	5.79
28 46 13 31-2018	EA	Amber, Ceiling Strobe Lens Attachment (System Sensor LENS-AC)	27.96	5.79

28 46 13 31-2019 Wall Mounted Speakers *(28 46 13 31-1873)*

28 46 13 31-2020	EA	24 Volt DC, 4 Field Selectable Sound Pulse Patterns, Directional Sound Speaker With Voice And Integral Audio Amplifier (System Sensor PF24V)	433.42	43.46
28 46 13 31-2021	EA	Red, Wall Mounted Speaker (System Sensor SPRL)	133.96	43.46
28 46 13 31-2022	EA	Red, Outdoor, Wall Mounted Speaker (System Sensor SPRK)	220.88	43.46
28 46 13 31-2023	EA	Red, Outdoor, Wall Mounted Speaker (System Sensor SPRK-R)	180.68	49.26
28 46 13 31-2024	EA	Red, High dB, Wall Mounted Speaker (System Sensor SPRV)	155.70	43.46
28 46 13 31-2025	EA	White, Wall Mounted Speaker (System Sensor SPWL)	133.96	43.46
28 46 13 31-2026	EA	White, Outdoor, Wall Mounted Speaker (System Sensor SPWK)	231.28	49.26
28 46 13 31-2027	EA	White, High dB, Wall Mounted Speaker (System Sensor SPWV)	152.30	43.46

28 46 13 31-2028 Ceiling Mounted Speakers *(28 46 13 31-1873)*

28 46 13 31-2029	EA	Red, Ceiling Mounted Speaker (System Sensor SPCRL)	130.69	43.46
28 46 13 31-2030	EA	Outdoor, Ceiling Mounted Speaker (System Sensor SPCRK)	211.41	43.46
28 46 13 31-2031	EA	Red, High dB, Ceiling Mounted Speaker (System Sensor SPCRV)	155.70	43.46
28 46 13 31-2032	EA	White, Ceiling Mounted Speaker (System Sensor SPCWL)	133.37	43.46
28 46 13 31-2033	EA	White, High dB, Ceiling Mounted Speaker (System Sensor SPCWV)	167.82	43.46
28 46 13 31-2034	EA	White, Outdoor, Ceiling Mounted Speaker (System Sensor SPCWK)	232.47	49.26

28 46 13 31-2035 Wall Mounted Speakers/Strobes *(28 46 13 31-1873)*

28 46 13 31-2036	EA	White Speaker Strobe Expander Plate With Standard Candela (System Sensor SEP-SPSWL)	160.55	14.48
28 46 13 31-2037	EA	White Speaker Strobe Expander Plate Backbox Skirt (System Sensor SPSEP-BBSWL)	78.87	14.48
28 46 13 31-2038	EA	Red, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSRL)	223.86	43.46
28 46 13 31-2039	EA	Red, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSRH)	242.35	43.46
28 46 13 31-2040	EA	Red, Outdoor, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSRK)	324.09	49.26
28 46 13 31-2041	EA	Red, Plain, Outdoor, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSRK-P)	324.16	49.26
28 46 13 31-2042	EA	Red, Outdoor, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSRK-R)	274.74	49.26
28 46 13 31-2043	EA	Red, Plain, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSRL-P)	221.18	43.46
28 46 13 31-2044	EA	Red, High dB, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSRV)	234.10	43.46

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-2045	EA	White, Amber Lens, Wall Mounted, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSWL-ALERT)	225.05	43.46
28 46 13 31-2046	EA	White, Clear Lens, Outdoor, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSWK-CLR-ALERT)	328.33	49.26
28 46 13 31-2047	EA	White, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSWL)	223.86	43.46
28 46 13 31-2048	EA	White, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSWH)	269.74	43.46
28 46 13 31-2049	EA	White, Plain, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSWH-P)	269.74	43.46
28 46 13 31-2050	EA	White, Outdoor, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSWK)	340.23	49.26
28 46 13 31-2051	EA	White, Plain, Outdoor, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSWK-P)	322.97	49.26
28 46 13 31-2052	EA	White, Plain, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSWL-P)	219.99	43.46
28 46 13 31-2053	EA	White, High dB, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSWV)	260.03	43.46
28 46 13 31-2054	EA	White, Plain, High dB, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSWV-P)	260.03	43.46
28 46 13 31-2055	EA	L-Series, White, Clear Lens, Outdoor, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSWL-CLR-ALERT)	233.66	49.26
28 46 13 31-2056		**Ceiling Mounted Speakers/Strobes** *(28 46 13 31-1873)*		
28 46 13 31-2057	EA	Red, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCRL)	207.79	43.46
28 46 13 31-2058	EA	Red, Selectable Candela (135, 150, 177, 185) Candela, High-Candela, Ceiling Mounted Speaker/Strobe (System Sensor SPSCRH)	245.11	43.46
28 46 13 31-2059	EA	Red, High dB, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115), Ceiling Mounted Speaker/Strobe (System Sensor SPSCRV)	234.10	43.46
28 46 13 31-2060	EA	White, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCWL)	207.79	43.46
28 46 13 31-2061	EA	White, Clear Lens, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCWL-CLR-ALERT)	222.67	43.46
28 46 13 31-2062	EA	White, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCWH)	269.74	43.46
28 46 13 31-2063	EA	White, Outdoor, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCWHK)	342.02	49.26
28 46 13 31-2064	EA	White, Plain, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCWH-P)	269.74	43.46
28 46 13 31-2065	EA	White, Outdoor, Clear Lens, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCWK-CLR-ALERT)	328.92	49.26
28 46 13 31-2066	EA	White, Outdoor, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCWK)	340.23	49.26
28 46 13 31-2067	EA	White, Plain, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCWL-P)	207.79	43.46
28 46 13 31-2068	EA	White, High dB, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCWV)	260.03	43.46
28 46 13 31-2069	EA	White, High-Candela/High dB, Selectable Candela (135, 150, 177, 185 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCWVH)	269.74	43.46
28 46 13 31-2070	EA	White, Plain, High dB, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCWV-P)	260.03	43.46
28 46 13 31-2071	EA	High-Candela/High dB, Ceiling Mounted Speaker/Strobe (System Sensor SPSCRVH)	269.49	43.46
28 46 13 31-2072		**Electric Alarm Bells** *(28 46 13 31-1873)*		
28 46 13 31-2073	EA	6" Diameter, 24 Volt DC Alarm Bell (System Sensor SSM24-6)	168.79	43.46
28 46 13 31-2074	EA	8" Diameter, 24 Volt DC Alarm Bell (System Sensor SSM24-8)	183.38	43.46
28 46 13 31-2075	EA	10" Diameter, 24 Volt DC Alarm Bell (System Sensor SSM24-10)	199.45	43.46
28 46 13 31-2076		**Device Bases** *(28 46 13 31-1873)*		
28 46 13 31-2077	EA	High Or Low Volume Output, Code 3 Or 4, Continuous, March Or Custom Tone, Intelligent, Addressable, Programmable Plug-In Sounder Base (System Sensor B200S)	136.44	14.48
28 46 13 31-2078	EA	Code 3 Or Continuous Tone, Intelligent Plug-In Sounder Base (System Sensor B200SR)	131.98	14.48
28 46 13 31-2079	EA	Intelligent Isolator Base (System Sensor B224BI)	107.86	14.48
28 46 13 31-2080	EA	Intelligent Relay Base (System Sensor B224RB)	109.05	14.48
28 46 13 31-2081	EA	Flangeless, Intelligent Detector Base (System Sensor B501)	66.13	14.48
28 46 13 31-2082	EA	High Or Low Volume Output, Code 3 Or 4, Continuous, March Or Custom Tone, Intelligent, Addressable, Programmable Plug-In Sounder Base, Ivory (System Sensor B200S-IV)	136.44	14.48
28 46 13 31-2083	EA	Code 3 Or Continuous Tone, Intelligent Plug-In Sounder Base, Ivory (System Sensor B200SR-IV)	131.98	14.48
28 46 13 31-2084	EA	Low-Frequency, Code 3 Or Continuous Tone, Intelligent Plug-In Sounder Base (System Sensor B200SR-LF)	199.25	14.48
28 46 13 31-2085	EA	Low-Frequency, Code 3 Or Continuous Tone, Intelligent Plug-In Sounder Base, Ivory (System Sensor B200SR-LF-IV)	199.25	14.48
28 46 13 31-2086	EA	Low-Frequency, Code 3 Or Continuous Tone, Intelligent Plug-In Sounder Base, White (System Sensor B200SR-LF-WH)	192.70	14.48
28 46 13 31-2087	EA	Code 3 Or Continuous Tone, Intelligent Plug-In Sounder Base, White (System Sensor B200SR-WH)	141.89	14.48
28 46 13 31-2088	EA	High Or Low Volume Output, Code 3 Or 4, Continuous, March Or Custom Tone, Intelligent, Addressable, Programmable Plug-In Sounder Base, White (System Sensor B200S-WH)	129.30	14.48
28 46 13 31-2089	EA	Intelligent Isolator Base, Ivory (System Sensor B224BI-IV)	107.86	14.48
28 46 13 31-2090	EA	Intelligent Isolator Base, White (System Sensor B224BI-WH)	100.72	14.48
28 46 13 31-2091	EA	Intelligent Relay Base, Ivory (System Sensor B224RB-IV)	109.05	14.48

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-2092	EA	Intelligent Relay Base, White (System Sensor B224RB-WH)	102.21	14.48
28 46 13 31-2093	EA	Flangeless, Intelligent Detector Base, Black (System Sensor B501-BL)	66.13	14.48
28 46 13 31-2094	EA	Flangeless, Intelligent Detector Base, Ivory (System Sensor B501-IV)	66.13	14.48
28 46 13 31-2095	EA	Flangeless, Intelligent Detector Base, White (System Sensor B501-WHITE)	58.39	14.48
28 46 13 31-2096	EA	Intelligent, Addressable, Programmable Low Frequency Plug-In Sounder Base (System Sensor B200S-LF)	202.82	14.48
28 46 13 31-2097	EA	Intelligent, Addressable, Programmable Low Frequency Plug-In Sounder Base, Ivory (System Sensor B200S-LF-IV)	202.82	14.48
28 46 13 31-2098	EA	Intelligent, Addressable, Programmable Low Frequency Plug-In Sounder Base, White (System Sensor B200S-LF-WH)	195.08	14.48
28 46 13 31-2099	EA	6" Intelligent Flanged Mounting Base (System Sensor B300-6)	51.31	14.48
28 46 13 31-2100	EA	6" Intelligent Flanged Mounting Base, Ivory (System Sensor B300-6-IV)	58.75	14.48
28 46 13 31-2101	EA	Two Wire, Flanged, 12/24 Volt DC, Low-Profile, Adapter Base (System Sensor B110LP)	55.67	14.48
28 46 13 31-2102	EA	Four Wire, Form A And C, 24 Volt DC Low-Profile, Adapter Base (System Sensor B112LP)	113.23	17.39

28 46 13 31-2103 Boxes, Plates And Decals *(28 46 13 31-1873)*

28 46 13 31-2104	EA	120 Volt AC, Mounting Plate, For Spectralert Advance Devices (System Sensor MP120K)	58.99	14.48
28 46 13 31-2105	EA	Red, Wall Mounted, Metal, Weatherproof Backbox (System Sensor MWBB)	91.25	14.48
28 46 13 31-2106	EA	White, Ceiling Mounted, Metal, Weatherproof Backbox (System Sensor MWBBCW)	99.83	14.48
28 46 13 31-2107	EA	White, Wall Mounted, Metal, Weatherproof Backbox (System Sensor MWBBW)	91.25	14.48
28 46 13 31-2108	EA	Red Retrofit Plate (System Sensor RFP)	41.44	8.69
28 46 13 31-2109	EA	White Retrofit Plate (System Sensor RFPW)	41.08	8.69
28 46 13 31-2110	EA	Red, Wall Mounted, Weatherproof Backbox (System Sensor SA-WBB)	76.37	14.48
28 46 13 31-2111	EA	Red, Ceiling Mounted, Weatherproof Backbox (System Sensor SA-WBBC)	86.61	14.48
28 46 13 31-2112	EA	Red, Ceiling Mounted, Surface Mounted, Backbox (System Sensor SBBCRL)	59.70	14.48
28 46 13 31-2113	EA	White, Ceiling Mounted, Surface Mounted, Backbox (System Sensor SBBCWL)	59.70	14.48
28 46 13 31-2114	EA	Red, Wall Mounted, Surface Mounted, Backbox (System Sensor SBBRL)	51.01	14.48
28 46 13 31-2115	EA	Red, Wall Mounted, Surface Mounted, Backbox For Speaker (System Sensor SBBSPRL)	57.56	14.48
28 46 13 31-2116	EA	White, Wall Mounted, Surface Mounted, Backbox For Speaker (System Sensor SBBSPWL)	57.56	14.48
28 46 13 31-2117	EA	White, Wall Mounted, Surface Mounted, Backbox (System Sensor SBBWL)	51.01	14.48
28 46 13 31-2118	EA	Surface Mounted Box For Intelligent Control Or Monitor Modules (System Sensor SMB500)	54.86	14.48
28 46 13 31-2119	EA	Surface Mounted Box For 400 And 500 Series Detectors And Sounder Bases (System Sensor SMB600)	51.31	14.48
28 46 13 31-2120	EA	Red, Wall Mounted Horn/Strobe Trim Ring (System Sensor TR-HS)	18.40	5.79
28 46 13 31-2121	EA	Red Decals, Two Pack, Spectralert Advance Wall Products (System Sensor DECAL-R)	28.20	
28 46 13 31-2122	EA	Red Decals, Three Pack, Spectralert Advance Ceiling Products (System Sensor DECAL-RC)	39.48	
28 46 13 31-2123	EA	White Decals, Two Pack, Spectralert Advance Wall Products (System Sensor DECAL-W)	28.20	
28 46 13 31-2124	EA	White Decals, Three Pack, Spectralert Advance Wall Products (System Sensor DECAL-WC)	39.48	
28 46 13 31-2125	EA	Red, Wall Mounted, L-Series Trim Ring, Pack Of 5 (System Sensor TR-2)	20.57	5.79
28 46 13 31-2126	EA	White, Wall Mounted, L-Series Trim Ring, Pack Of 5 (System Sensor TR-2W)	20.57	5.79
28 46 13 31-2127	EA	Red, Ceiling Mounted, L-Series Trim Ring, Pack Of 5 (System Sensor TRC-2)	20.57	5.79
28 46 13 31-2128	EA	White, Ceiling Mounted, L-Series Trim Ring, Pack Of 5 (System Sensor TRC-2W)	20.57	5.79
28 46 13 31-2129	EA	Red, Wall/Surface Mounted, L-Series Compact Back Box (System Sensor SBBGRL)	51.01	14.48
28 46 13 31-2130	EA	White, Wall/Surface Mounted, L-Series Compact Back Box (System Sensor SBBGWL)	51.01	14.48
28 46 13 31-2131	EA	Red, AGENT Lettering, Compact, L-Series Wall Mounted Bezel (System Sensor BZGR-AG)	25.28	5.79
28 46 13 31-2132	EA	Red, ALERT Lettering, Compact, L-Series Wall Mounted Bezel (System Sensor BZGR-AL)	25.28	5.79
28 46 13 31-2133	EA	Red, EVAC Lettering, Compact, L-Series Wall Mounted Bezel (System Sensor BZGR-EV)	25.28	5.79
28 46 13 31-2134	EA	Red, FIRE Lettering, Compact, L-Series Wall Mounted Bezel (System Sensor BZGR-F)	25.28	5.79
28 46 13 31-2135	EA	White, AGENT Lettering, L-Series Wall Mounted Bezel (System Sensor BZGW-AG)	25.28	5.79
28 46 13 31-2136	EA	White, ALERT Lettering, L-Series Wall Mounted Bezel (System Sensor BZGW-AL)	25.28	5.79
28 46 13 31-2137	EA	White, EVAC Marking, L-Series Wall Mounted Bezel (System Sensor BZGW-EV)	25.28	5.79
28 46 13 31-2138	EA	White, FIRE Marking, L-Series Wall Mounted Bezel (System Sensor BZGW-F)	25.28	5.79
28 46 13 31-2139	EA	Red, Plain, L-Series Wall Mounted Bezel (System Sensor BZGR-P)	25.28	5.79
28 46 13 31-2140	EA	White, Plain, L-Series Wall Mounted Bezel (System Sensor BZGW-P)	25.28	5.79
28 46 13 31-2141	EA	Red, AGENT Marking, L-Series Wall Mounted Bezel (System Sensor BZR-AG)	25.28	5.79
28 46 13 31-2142	EA	Red, ALERT Marking, L-Series Wall Mounted Bezel (System Sensor BZR-AL)	25.28	5.79
28 46 13 31-2143	EA	Red, AGENT Marking, L-Series Ceiling Mounted Bezel (System Sensor BZRC-AG)	27.78	5.79
28 46 13 31-2144	EA	Red, ALERT Marking, L-Series Ceiling Mounted Bezel (System Sensor BZRC-AL)	27.78	5.79
28 46 13 31-2145	EA	Red, EVAC Marking, L-Series Ceiling Mounted Bezel (System Sensor BZRC-EV)	27.78	5.79
28 46 13 31-2146	EA	Red, FIRE Marking, L-Series Ceiling Mounted Bezel, Pack Of 5 (System Sensor BZRC-F)	27.78	5.79
28 46 13 31-2147	EA	Red, PLAIN Marking, L-Series Ceiling Mounted Bezel (System Sensor BZRC-P)	27.78	5.79
28 46 13 31-2148	EA	Red, EVAC Marking, L-Series Wall Mounted Bezel (System Sensor BZR-EV)	25.28	5.79
28 46 13 31-2149	EA	Red, FIRE Marking, L-Series Wall Mounted Bezel (System Sensor BZR-F)	25.28	5.79
28 46 13 31-2150	EA	Red, PLAIN Marking, L-Series Wall Mounted Bezel (System Sensor BZR-P)	25.28	5.79
28 46 13 31-2151	EA	Red, AGENT Marking, L-Series Wall Mounted Bezel (System Sensor BZR-AG)	25.28	5.79
28 46 13 31-2152	EA	White, AGENT Marking, L-Series Wall Mounted Bezel (System Sensor BZSPW-AG)	25.28	5.79
28 46 13 31-2153	EA	White, ALERT Marking, L-Series Wall Mounted Bezel (System Sensor BZSPW-AL)	25.28	5.79
28 46 13 31-2154	EA	White, AGENT Marking, L-Series Ceiling Mounted Bezel (System Sensor BZSPWC-AG)	27.78	5.79
28 46 13 31-2155	EA	White, ALERT Marking, L-Series Ceiling Mounted Bezel (System Sensor BZSPWC-AL)	27.78	5.79
28 46 13 31-2156	EA	White, EVAC Marking, L-Series Ceiling Mounted Bezel (System Sensor BZSPWC-EV)	27.78	5.79
28 46 13 31-2157	EA	White, FIRE Marking, L-Series Ceiling Mounted Bezel (System Sensor BZSPWC-F)	27.78	5.79
28 46 13 31-2158	EA	White, PLAIN Marking, L-Series Ceiling Mounted Bezel (System Sensor BZSPWC-P)	27.78	5.79
28 46 13 31-2159	EA	White, EVAC Marking, L-Series Wall Mounted Bezel (System Sensor BZSPW-EV)	25.28	5.79
28 46 13 31-2160	EA	White, FIRE Marking, L-Series Wall Mounted Bezel (System Sensor BZSPW-F)	25.28	5.79
28 46 13 31-2161	EA	Replacement Dust Cover For Low Profile Detectors (System Sensor C58-227-01)	5.30	
28 46 13 31-2162	EA	Control Module Barrier (System Sensor CB500)	37.87	8.69
28 46 13 31-2163	EA	White Detector Conversion Kit For SSD Intelligent Low Profile Photo, Ion, And Laser Detectors (System Sensor CK300)	34.66	8.69
28 46 13 31-2164	EA	Black Detector Conversion Kit For SSD Intelligent Low Profile Photo, Ion, And Laser Detectors (System Sensor CK300-BL)	42.34	8.69
28 46 13 31-2165	EA	PTIR Color Kit, White (System Sensor CK-300-IR) Note: Includes cover and trim ring	165.04	8.69

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28 46 13 31-2166	EA	PTIR Color Kit, Black (System Sensor CK-300-IR-BL) Note: Includes cover and trim ring	240.65	8.69
28 46 13 31-2167	EA	PTIR Color Kit, Ivory (System Sensor CK-300-IR-IV) Note: Includes cover and trim ring	240.65	8.69
28 46 13 31-2168	EA	Accessory Flange Ring For B210LP Base (System Sensor F210) Note: Includes cover and trim ring	27.93	8.69
28 46 13 31-2169	EA	Black Faceplate (System Sensor FP-BLACK-BP)	27.06	8.69
28 46 13 31-2170	EA	White Faceplate, 2 In/2 Out (System Sensor FP-WHITE-2-BP)	27.51	8.69
28 46 13 31-2171	EA	White Faceplate (System Sensor FP-WHITE-BP)	26.05	8.69
28 46 13 31-2172	EA	White, Back Box (System Sensor SMB500-WH)	48.21	14.48
28 46 13 31-2173	EA	Accessory Flange Ring For B210LP Base, White (System Sensor TR300)	19.03	5.79
28 46 13 31-2174	EA	Accessory Flange Ring For B210LP Base, Ivory (System Sensor TR300-IV)	27.72	5.79
28 46 13 31-2175	EA	White Faceplate Swift (System Sensor FP-WHITE-SWIFT-BP)	28.91	8.69
28 46 13 31-2176	EA	Red, ALERT Marking, L-Series Wall Mounted Bezel For Speakers And Speaker Strobes (System Sensor BZSPR-AL)	25.28	5.79
28 46 13 31-2177	EA	Red, AGENT Marking, L-Series Ceiling Mounted Bezel For Speakers And Speaker Strobes (System Sensor BZSPRC-AG)	27.78	5.79
28 46 13 31-2178	EA	Red, ALERT Marking, L-Series Ceiling Mounted Bezel For Speakers And Speaker Strobes (System Sensor BZSPRC-AL)	27.78	5.79
28 46 13 31-2179	EA	Red, EVAC Marking, L-Series Ceiling Mounted Bezel For Speakers And Speaker Strobes (System Sensor BZSPRC-EV)	27.78	5.79
28 46 13 31-2180	EA	Red, FIRE Marking, L-Series Ceiling Mounted Bezel For Speakers And Speaker Strobes (System Sensor BZSPRC-F)	27.78	5.79
28 46 13 31-2181	EA	Red, Plain, L-Series Ceiling Mounted Bezel For Speakers And Speaker Strobes (System Sensor BZSPRC-P)	27.78	5.79
28 46 13 31-2182	EA	Red, EVAC Marking, L-Series Wall Mounted Bezel For Speakers And Speaker Strobes (System Sensor BZSPR-EV)	25.28	5.79
28 46 13 31-2183	EA	Red, FIRE Marking, L-Series Wall Mounted Bezel For Speakers And Speaker Strobes (System Sensor BZSPR-F)	25.28	5.79
28 46 13 31-2184	EA	Red, Plain, L-Series Wall Mounted Bezel For Speakers And Speaker Strobes (System Sensor BZSPR-P)	25.28	5.79
28 46 13 31-2185	EA	L Series, 120 VAC Adapter Mounting Plate (System Sensor MP120KL)	76.85	14.48
28 46 13 31-2186	EA	White, Amber Lens, Universal Expander Plate (System Sensor SEP-SPSWL-P)	155.49	14.48
28 46 13 31-2187		**Chimes** *(28 46 13 31-1873)*		
28 46 13 31-2188	EA	Red, 12/24 Volt DC, Ceiling Or Wall Mounted Chime (System Sensor CHRL)	156.60	43.46
28 46 13 31-2189	EA	White, 12/24 Volt DC, Ceiling Or Wall Mounted Chime (System Sensor CHWL)	162.54	43.46
28 46 13 31-2190		**Chime/Strobes** *(28 46 13 31-1873)*		
28 46 13 31-2191	EA	Red, 15, 15/75, 30, 75 , 110 Multi-Candela, 24 Volt DC, Ceiling Or Wall Mounted Chime/Strobe (System Sensor CHSRL)	241.72	43.46
28 46 13 31-2192	EA	White, 15, 15/75, 30, 75 , 110 Multi-Candela, 24 Volt DC, Ceiling Or Wall Mounted Chime/Strobe (System Sensor CHSWL)	241.72	43.46
28 46 13 31-2193	EA	L-Series, Red, 15, 30, 75, 95, 115, 150, 177 Multi-Candela, 24 Volt DC, Ceiling Mounted Chime/Strobe (System Sensor CHSCRL)	243.51	43.46
28 46 13 31-2194	EA	L-Series, White, 15, 30, 75, 95, 115, 150, 177 Multi-Candela, 24 Volt DC, Ceiling Mounted Chime/Strobe (System Sensor CHSCWL)	243.51	43.46
28 46 13 31-2195		**Carbon Monoxide Detectors** *(28 46 13 31-1873)*		
28 46 13 31-2196	EA	Conventional Carbon Monoxide Detector (System Sensor CO1224)	289.90	57.95
28 46 13 31-2197	EA	Round, Sounder And Trouble Relay With Test Function, 12/24 Volt DC, Conventional Carbon Monoxide Detector (System Sensor CO1224TR)	239.34	43.46
28 46 13 31-2198	EA	CO Detector Plate For Replacing Round CO Detectors With The CO1224T (System Sensor CO-PLATE)	18.78	5.79
28 46 13 31-2199	EA	Intelliquad Plus Intelligent Addressable Combination Multi-Criteria Fire And Carbon Monoxide Detector With Flashscan (System Sensor FCO-951)	364.36	43.46
28 46 13 31-2200	EA	12/24 VDC, Conventional Carbon Monoxide Detector With Sounder And Trouble Relay With Test Function, UL2075 Listed (System Sensor CO1224T)	268.32	57.95
28 46 13 31-2201	EA	Intelliquad Plus Intelligent Addressable Combination Multi-Criteria Fire And Carbon Monoxide Detector With Flashscan, Ivory (System Sensor FCO-951-IV)	377.46	43.46
28 46 13 31-2202		**Switches** *(28 46 13 31-1873)*		
28 46 13 31-2203	EA	SPDT Switch, 4 - 20 PSI, Waterflow Alarm Pressure Switch (System Sensor EPS10-1)	222.58	23.18
28 46 13 31-2204	EA	Two SPDT Switches, 4 - 20 PSI, Waterflow Alarm Pressure Switch (System Sensor EPS10-2)	249.37	23.18
28 46 13 31-2205	EA	SPDT Switch, 10 - 100 PSI, Waterflow Alarm Pressure Switch (System Sensor EPS40-1)	222.58	23.18
28 46 13 31-2206	EA	Two SPDT Switches, 10 - 100 PSI, Waterflow Alarm Pressure Switch (System Sensor EPS40-2)	249.37	23.18
28 46 13 31-2207	EA	Outside Screw And Yoke Valve, Two SPDT, Supervisory Switch (System Sensor OSY2)	232.11	23.18
28 46 13 31-2208	EA	Post Indicator Butterfly Valve, SPDT, Supervisory Switch (System Sensor PIBV2)	216.63	23.18
28 46 13 31-2209		**Low Frequency Sounders** *(28 46 13 31-1873)*		
28 46 13 31-2210	EA	Red, Low Frequency Sounder (System Sensor HR-LF)	213.12	43.46
28 46 13 31-2211	EA	White, Low Frequency Sounder (System Sensor HW-LF)	213.12	43.46
28 46 13 31-2212	EA	Red, Ceiling Mounted, Low-frequency Compact Sounder (System Sensor HCRL-LF)	195.58	43.46
28 46 13 31-2213	EA	White, Ceiling Mounted, Low-frequency Compact Sounder (System Sensor HCWL-LF)	195.58	43.46
28 46 13 31-2214	EA	Red, Wall Mounted, Low-frequency Compact Sounder (System Sensor HGRL-LF)	194.09	43.46
28 46 13 31-2215	EA	White, Wall Mounted, Low-frequency Compact Sounder (HGWL-LF)	194.09	43.46
28 46 13 31-2216		**Sync Modules** *(28 46 13 31-1873)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-2217	EA	Red, 12/24 Volt DC, Sync Module (System Sensor MDL3R)	174.04	28.98
28 46 13 31-2218	EA	White, 12/24 Volt DC, Sync Module (System Sensor MDL3W)	171.07	28.98
28 46 13 31-2219		**Relays** *(28 46 13 31-1873)*		
28 46 13 31-2220	EA	Metal Enclosure, SPDT, Track Mounted, Multivoltage, Relay (System Sensor R-10E)	96.61	23.18
28 46 13 31-2221	EA	SPDT, Track Mounted, Multivoltage, Relay (System Sensor R-10T)	62.44	14.48
28 46 13 31-2222	EA	4-Gang Relay, Metal Enclosure, SPDT, Track Mounted, Multivoltage, Relay (System Sensor R-14E)	189.72	14.48
28 46 13 31-2223	EA	4-Gang Relay, SPDT, Track Mounted, Multivoltage, Relay (System Sensor R-14T)	138.52	14.48
28 46 13 31-2224	EA	Metal Enclosure, DPDT, Track Mounted, Multivoltage, Relay (System Sensor R-20E)	104.59	23.18
28 46 13 31-2225	EA	DPDT, Track Mounted, Multivoltage, Relay (System Sensor R-20T)	64.58	14.48
28 46 13 31-2226	EA	4-Gang Relay, Metal Enclosure, DPDT, Track Mounted, Multivoltage, Relay (System Sensor R-24E)	214.13	14.48
28 46 13 31-2227	EA	4-Gang Relay, DPDT, Track Mounted, Multivoltage, Relay (System Sensor R-24T)	159.06	14.48
28 46 13 31-2228	EA	18 To 35 Volt DC, 18 To 35 Volt AC, 120 Volt AC, SPDT Multivoltage Relay (System Sensor PR-1)	53.75	14.48
28 46 13 31-2229	EA	10 To 40 Volt DC, SPDT Multivoltage Relay (System Sensor PR-2)	53.75	14.48
28 46 13 31-2230	EA	Redundant Power Input, 10 To 40 Volt DC, SPDT Multivoltage Relay (System Sensor PR-3)	53.75	14.48
28 46 13 31-2231		**Remote Annunciator** *(28 46 13 31-1873)*		
28 46 13 31-2232	EA	Remote Annunciator (System Sensor RA100Z)	124.44	43.46
28 46 13 31-2233	EA	Remote LED Annunciator (System Sensor RA100ZA)	118.29	43.46
28 46 13 31-2234	EA	Remote Annunciator With Piezo Alarm (System Sensor APA151)	148.97	43.46
28 46 13 31-2235		**Remote Test Station** *(28 46 13 31-1873)*		
28 46 13 31-2236	EA	Remote Test Station With Key (System Sensor RTS151KEY)	201.83	43.46
28 46 13 31-2237		**Wheelock Fire Alarm** *(28 46 13 31)*		
28 46 13 31-2238		**Ceiling Mounted Chimes/Strobes** *(28 46 13 31-2237)*		
28 46 13 31-2239	EA	White, Round, Selectable Candela (15, 30, 75, 100 Candela), 24 Volt DC, Ceiling Mounted Chime/Strobe (Wheelock CH90-24MCC-FW)	265.47	43.46
28 46 13 31-2240		**Wall Mounted Chimes/Strobes** *(28 46 13 31-2237)*		
28 46 13 31-2241	EA	Red, Selectable Candela (15, 30, 75, 110 Candela), 24 Volt DC, Wall Mounted Chime/Strobe (Wheelock CH70-24MCW-FR)	265.47	43.46
28 46 13 31-2242	EA	White, Selectable Candela (15, 30, 75, 110 Candela), 24 Volt DC, Wall Mounted Chime/Strobe (Wheelock CH70-24MCW-FW)	265.47	43.46
28 46 13 31-2243		**Ceiling Mounted Horns/Strobes** *(28 46 13 31-2237)*		
28 46 13 31-2244	EA	Red, Two Wire, 12/24 Volt DC, Multi-Candela, Ceiling Mounted Horn/Strobe (Wheelock HSRC)	169.02	43.46
28 46 13 31-2245	EA	White, Two Wire, 12/24 Volt DC, Multi-Candela, Ceiling Mounted Horn/Strobe (Wheelock HSWC)	195.88	43.46
28 46 13 31-2246		**Wall Mounted Horns/Strobes** *(28 46 13 31-2237)*		
28 46 13 31-2247	EA	Red, Weatherproof, 24 Volt DC, 75 Candela, Wall Mounted, Horn/Strobe (Wheelock ASWP-2475W-FR)	172.84	43.46
28 46 13 31-2248	EA	Red, 24 Volt DC, 15/75 Candela, Continuous Or Code 3 Tone, Wall Mounted Horn/Strobe (Wheelock HS4-241575 Watt-FR)	271.35	43.46
28 46 13 31-2249	EA	Red, 24 Volt DC, Selectable Candela (15, 30, 75, 110 Candela), Wall Mounted Horn/Strobe (Wheelock HS4-24MCW-FR)	237.55	43.46
28 46 13 31-2250	EA	White, 24 Volt DC, Selectable Candela (15, 30, 75, 110 Candela), Wall Mounted Horn/Strobe (Wheelock HS4-24MCW-FW)	237.55	43.46
28 46 13 31-2251	EA	Red, Flush, 24 Volt AC, 15/75 Candela, Sync/Non-Sync, Wall Mounted Horn/Strobe (Wheelock MT-241575 Watt-FR)	256.79	43.46
28 46 13 31-2252	EA	Red, 24 Volt AC, Multi-Candela, Wall Mounted Horn/Strobe (Wheelock MT-24MCW-FR)	194.59	43.46
28 46 13 31-2253	EA	Red, 115 Volt AC, Wall Mounted Horn/Strobe (Wheelock MT4-115-WH-VFR)	192.35	43.46
28 46 13 31-2254	EA	Red, Weatherproof, 24 Volt DC, 75 Candela, Wall Mounted Horn/Strobe (Wheelock MTWP-2475W-FR)	212.01	49.26
28 46 13 31-2255	EA	Red, Two Wire, 12/24 Volt DC, Multi-Candela, Wall Mounted Horn/Strobe (Wheelock HSR)	171.94	43.46
28 46 13 31-2256	EA	White, Two Wire, 12/24 Volt DC, Multi-Candela, Wall Mounted Horn/Strobe (Wheelock HSW)	171.94	43.46
28 46 13 31-2257	EA	White, 24 Volt AC, Multi-Candela, Wall Mounted Horn/Strobe (Wheelock MT-24MCW-FW)	191.45	43.46
28 46 13 31-2258	EA	Red, 24 Volt DC, 15/30/75/110 Selectable Candela, Wall Mounted Horn/Strobe (Wheelock HS4-24MCW-FR)	237.55	43.46
28 46 13 31-2259	EA	White, 24 Volt DC, 15/30/75/110 Selectable Candela, Wall Mounted Horn/Strobe (Wheelock HS4-24MCW-FW)	237.55	43.46
28 46 13 31-2260		**Ceiling Mounted Strobes** *(28 46 13 31-2237)*		
28 46 13 31-2261	EA	Red, 24 Volt DC, Multi-Candela (15, 30, 75, 95 Candela), Ceiling Mounted Strobe (Wheelock RSS-24MCC-FR)	160.95	43.46
28 46 13 31-2262	EA	White, 24 Volt DC, Multi-Candela (15, 30, 75, 95 Candela), Ceiling Mounted Strobe (Wheelock RSS-24MCC-FW)	160.95	43.46
28 46 13 31-2263	EA	Red, Two Wire, 12/24 Volt DC, Multi-Candela, Ceiling Mounted Strobe (Wheelock STRC)	176.23	43.46
28 46 13 31-2264	EA	White, Two Wire, 12/24 Volt DC, Multi-Candela, Ceiling Mounted Strobe (Wheelock STWC)	154.22	43.46
28 46 13 31-2265	EA	White, 24 Volt DC, Amber Lens, Multi- Candela (15, 30, 75, 95 Candela), Ceiling Mounted Strobe, No Lettering (Wheelock RSSA-24MCC-NW)	172.61	43.46
28 46 13 31-2266	EA	White, 24 Volt DC, Amber Lens, Multi-Candela (15, 30, 75, 95 Candela), Ceiling Mounted Strobe, Red ALERT Lettering (Wheelock RSSA-24MCC-ALW)	174.18	43.46
28 46 13 31-2267	EA	White, 24 Volt DC, Multi-Candela (15, 30, 75, 95 Candela), Ceiling Mounted Strobe With Fire Lettering (Wheelock RSS-24MCCH-FW)	174.85	43.46
28 46 13 31-2268	EA	Red, 24 Volt DC, Multi-Candela (15, 30, 75, 95 Candela), Ceiling Mounted Weatherproof Strobe With Fire Lettering (Wheelock RSSWP-2475C-FR)	185.46	43.46

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-2269		**Wall Mounted Strobes** *(28 46 13 31-2237)*		
28 46 13 31-2270	EA	Red, Multi-Candela, 24 Volt DC, Wall Mounted Strobe (Wheelock AMT-24MCW-FR)	248.87	43.46
28 46 13 31-2271	EA	Red, Retrofit Plate, 12 Volt DC, 15/75 Candela, Wall Mounted Strobe (Wheelock RSSP-121575W-FR)	198.18	43.46
28 46 13 31-2272	EA	Red, 24 Volt DC, 15/75 Candela, Wall Mounted Strobe (Wheelock RSS-241575W-FR)	214.73	43.46
28 46 13 31-2273	EA	Red, 24 Volt DC, Multi-Candela (15, 30, 75, 95 Candela), Wall Mounted Strobe (Wheelock RSS-24MCW-FR)	159.15	43.46
28 46 13 31-2274	EA	White, 24 Volt DC, Multi-Candela (15, 30, 75, 95 Candela), Wall Mounted Strobe (Wheelock RSS-24MCW-FW)	159.15	43.46
28 46 13 31-2275	EA	Red, Retrofit Plate, 24 Volt DC, Multi-Candela (15, 30, 75, 95 Candela), Wall Mounted Strobe (Wheelock RSSP-24MCW-FR)	170.82	43.46
28 46 13 31-2276	EA	Outdoor, Red, 24 Volt DC, 75 Candela, Wall Mounted Strobe (Wheelock RSSWP-2475W-FR) Note: Requires WPSBB-R.	177.47	49.26
28 46 13 31-2277	EA	Red, Two Wire, 12/24 Volt DC, Multi-Candela, Wall Mounted Strobe (Wheelock STR)	155.34	43.46
28 46 13 31-2278	EA	White, Two Wire, 12/24 Volt DC, Multi-Candela, Wall Mounted Strobe (Wheelock STW)	155.34	43.46
28 46 13 31-2279	EA	Interior, White, 24 Volt DC, Multi-Candela 135/185, Wall Mounted Strobe, No Lettering (Wheelock RSS-24MCWH-NW)	186.52	43.46
28 46 13 31-2280	EA	White, 24 Volt DC, Multi-Candela (15, 30, 75, 110 Candela), Wall Mounted Strobe, No Lettering (Wheelock RSS-24MCW-NW)	161.17	43.46
28 46 13 31-2281	EA	Weatherproof, White, 24 Volt DC, 75 Candela, Wall Mounted Strobe (Wheelock RSSWP-2475W-FW) Note: Requires WPSBB-R.	200.92	49.26
28 46 13 31-2282	EA	Interior, White, 24 Volt DC, Multi-Candela 135/185, Weatherproof Wall Mounted Strobe (Wheelock RSSWP-24MCWH-FW)	199.75	43.46
28 46 13 31-2283		**Ceiling Mounted Speakers/Strobes** *(28 46 13 31-2237)*		
28 46 13 31-2284	EA	Red, 24 Volt DC, Selectable Candela (15, 30, 75, 110 Candela), Ceiling Mounted Speaker/Strobe (Wheelock E60-24MCC-FR)	198.18	43.46
28 46 13 31-2285	EA	White, 24 Volt DC, Selectable Candela (15, 30, 75, 110 Candela), Ceiling Mounted Speaker/Strobe (Wheelock E60-24MCC-FW)	198.18	43.46
28 46 13 31-2286	EA	White, 24 Volt DC, Selectable Candela (15, 30, 75, 110 Candela), Ceiling Mounted Speaker/Strobe (Wheelock E70-24MCC-FW)	198.18	43.46
28 46 13 31-2287	EA	White, 24 Volt DC, Multi-Candela (15, 30, 75, 110 Candela), Ceiling Mounted Speaker/Strobe (Wheelock E90-24MCC-FW)	200.42	43.46
28 46 13 31-2288	EA	White, 24 Volt DC, Multi-Candela 115/177, Ceiling Mounted Speaker/Strobe (Wheelock E90-24MCCH-FW)	212.99	43.46
28 46 13 31-2289	EA	White, 24 Volt DC, Multi-Candela (15, 30, 75, 95 Candela), Ceiling Mounted Speaker/Strobe (Wheelock ET90-24MCC-FW)	230.48	43.46
28 46 13 31-2290	EA	Red, 24 Volt DC, Multi-Candela (15, 30, 75, 95 Candela), Ceiling Mounted Speaker/Strobe (Wheelock ET90-24MCC-FR)	230.48	43.46
28 46 13 31-2291	EA	Red, 24 Volt DC, Multi-Candela (15, 30, 75, 110 Candela), Ceiling Mounted Speaker/Strobe (Wheelock E90-24MCC-FR)	202.22	43.46
28 46 13 31-2292	EA	White, 2 Watts, 24 Volt DC, 15/30/75/95 Candela, Square, No Lettering, Ceiling Mounted Speaker/Strobe (Wheelock E70-24MCC-NW)	225.65	43.46
28 46 13 31-2293	EA	Round, 2 Watt, 24 Volt DC, 15/30/75/95CD, No Lettering, Ceiling Mounted Speaker/Strobe (Wheelock E90-24MCC-NW)	239.93	43.46
28 46 13 31-2294	EA	White, 8 Watts, 24 Volt DC, 75 Candela, Weatherproof, Ceiling Mounted, Speaker/Strobe (Wheelock ET70WP-2475C-FW)	254.22	43.46
28 46 13 31-2295		**Wall Mounted Speakers/Strobes** *(28 46 13 31-2237)*		
28 46 13 31-2296	EA	Red, Square, 24 Volt DC, 15/75 Candela, 25/70.7 VRMS, Wall Mounted Speaker/Strobe (Wheelock E50-241575 Watt-FR)	298.86	43.46
28 46 13 31-2297	EA	White, Square, 24 Volt DC, 15/75 Candela, 25/70.7 VRMS, Wall Mounted Speaker/Strobe (Wheelock E50-241575 Watt-FW)	298.86	43.46
28 46 13 31-2298	EA	Red, 24 Volt DC, Multi-Candela 115/177, Wall Mounted Speaker/Strobe (Wheelock E60-24MCCH-FR)	212.99	43.46
28 46 13 31-2299	EA	White, 24 Volt DC, Multi-Candela 115/177, Wall Mounted Speaker/Strobe (Wheelock E60-24MCCH-FW)	212.99	43.46
28 46 13 31-2300	EA	Red, Square, 24 Volt DC, Selectable Candela 15/30/75/110, Wall Mounted Speaker/Strobe (Wheelock E50-24MCW-FR)	198.18	43.46
28 46 13 31-2301	EA	White, Square, 24 Volt DC, Selectable Candela 15/30/75/110, Wall Mounted Speaker/Strobe (Wheelock E50-24MCW-FW)	194.59	43.46
28 46 13 31-2302	EA	Red, 24 Volt DC, Multi-Candela 135/185, Wall Mounted Speaker/Strobe (Wheelock E50-24MCWH-FR)	212.99	43.46
28 46 13 31-2303	EA	White, 24 Volt DC, Multi-Candela 135/185, Wall Mounted Speaker/Strobe (Wheelock E50-24MCWH-FW)	212.99	43.46
28 46 13 31-2304	EA	Red, Square, 24 Volt DC, 15/75 Candela, 25/70.7 VRMS, Wall Mounted Speaker/Strobe (Wheelock E70-241575 Watt-FR)	295.62	43.46
28 46 13 31-2305	EA	Red, Square, 24 Volt DC, Selectable Candela 15/30/75/110, Wall Mounted Speaker/Strobe (Wheelock E70-24MCW-FR)	200.42	43.46
28 46 13 31-2306	EA	White, Square, 24 Volt DC, Selectable Candela 15/30/75/110, Wall Mounted Speaker/Strobe (Wheelock E70-24MCW-FW)	198.63	43.46
28 46 13 31-2307	EA	Red, 24 Volt DC, Multi-Candela 135/185, Wall Mounted Speaker/Strobe (Wheelock E70-24MCWH-FR)	288.34	43.46
28 46 13 31-2308	EA	White, 24 Volt DC, Multi-Candela 135/185, Wall Mounted Speaker/Strobe (Wheelock E70-24MCWH-FW)	295.62	43.46
28 46 13 31-2309	EA	Red, 24 Volt DC, Selectable Candela 15/30/75/110, Wall Mounted Speaker/Strobe (Wheelock ET70-24MCW-FR)	230.48	43.46
28 46 13 31-2310	EA	White, 24 Volt DC, Selectable Candela 15/30/75/110, Wall Mounted Speaker/Strobe (Wheelock ET70-24MCW-FW)	230.48	43.46
28 46 13 31-2311	EA	Weatherproof, Red, 24 Volt DC, 75 Candela, Wall Mounted Speaker Strobe/(Wheelock ET70WP-2475 W-FR) Note: Requires weatherproof backbox (IOB).	320.96	49.26
28 46 13 31-2312	EA	Interior, Red, 24 Volt DC, Multi-Candela 135/185, Wall Mounted Speaker/Strobe (Wheelock RSS-24MCWH-FR)	181.58	43.46
28 46 13 31-2313	EA	Interior, White, 24 Volt DC, Multi-Candela 135/185, Wall Mounted Speaker/Strobe (Wheelock RSS-24MCWH-FW)	174.85	43.46
28 46 13 31-2314	EA	White, 2 Watts, 24 Volt DC, 15/30/75/95 Candela, Round, Wall Mounted Speaker/Strobe (Wheelock E60-24MCW-FW)	239.93	43.46
28 46 13 31-2315	EA	Red, 24 Volt DC, 135/185 Multi-Candela, Wall Mounted Speaker/Strobe (Wheelock E70-24MCWH-FR)	254.22	43.46
28 46 13 31-2316	EA	White, 24 Volt DC, 135/185 Multi-Candela, Wall Mounted Speaker/Strobe (Wheelock E70-24MCWH-FW)	259.58	43.46
28 46 13 31-2317	EA	White, 8 Watt, 24 VDC, 15/30/75/110 Candela, No Lettering, Wall Mounted, Speaker/Strobe (Wheelock ET70-24MCW-NW)	268.51	43.46
28 46 13 31-2318	EA	Red, 8 Watts, Weatherproof, 185 Candela, Wall Mounted, Speaker/Strobe (Wheelock ET70WP-24185W-FR)	275.06	43.46

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-2319	EA	Red, 24 Volt DC, 75 Candela, Weatherproof, Wall Mounted, Speaker/Strobe (Wheelock ET70WP-2475W-FR) Note: Requires IOB	270.89	43.46
28 46 13 31-2320	EA	White, 8 Watts, 24 Volt DC, 75 Candela, Weatherproof, Wall Mounted, Speaker/Strobe (Wheelock ET70WP-2475W-FW) Note: Requires IOB	268.51	43.46
28 46 13 31-2321		**Electric Alarm Bells** *(28 46 13 31-2237)*		
28 46 13 31-2322	EA	6" Diameter, 24 Volt DC, Red, Vibrating Bell (Wheelock 43T-G6-24-R)	192.80	43.46
28 46 13 31-2323	EA	6" Diameter, 115 Volt AC, Red, Vibrating Bell (Wheelock 43T-G6-115-R)	185.62	43.46
28 46 13 31-2324	EA	10" Diameter, 115 Volt AC, Red, Vibrating Bell (Wheelock 43T-G10-115-R)	233.62	43.46
28 46 13 31-2325	EA	10" Diameter, 115 Volt AC, Single Stroke, Red, Explosion Proof Bell (Wheelock CSX10-115-R)	1,889.31	49.26
28 46 13 31-2326	EA	10" Diameter, Outdoor, 115 Volt AC, Single Stroke, Red, Explosion Proof Bell (Wheelock CSXG10-115-R)	3,059.25	49.26
28 46 13 31-2327	EA	10" Diameter, Vibrating, Outdoor, 115 Volt AC, Single Stroke, Red, Explosion Proof Bell (Wheelock CVXG10-115-R)	3,293.60	49.26
28 46 13 31-2328	EA	6", ADA, 24 Volt DC, Red, Motor Bell (Wheelock MB-G6-24-R)	152.20	43.46
28 46 13 31-2329	EA	10", ADA, 24 Volt DC, Red, Motor Bell (Wheelock MB-G10-24-R)	210.76	43.46
28 46 13 31-2330	EA	6", ADA, 12 Volt DC, Red, Motor Bell (Wheelock MB-G6-12-R)	154.89	43.46
28 46 13 31-2331	EA	10", ADA, 12 Volt DC, Red, Indoor/Outdoor Motor Bell (Wheelock MB-G10-12-R)	208.68	43.46
28 46 13 31-2332		**Horns** *(28 46 13 31-2237)*		
28 46 13 31-2333	EA	Two Wire, 24 Volt DC, Indoor Or Outdoor, Continuous Or Code 3, Sync Or Non-Sync Horn (Wheelock AH-24WP-R)	151.64	43.46
28 46 13 31-2334	EA	Red, Two Wire, 12/24 Volt DC, Wall Mounted Horn (Wheelock HNR)	126.94	43.46
28 46 13 31-2335	EA	White, Two Wire, 12/24 Volt DC, Wall Mounted Horn (Wheelock HNW)	126.94	43.46
28 46 13 31-2336	EA	Red, Two Wire, 12/24 Volt DC, Ceiling Mounted Horn (Wheelock HNRC)	127.93	43.46
28 46 13 31-2337	EA	White, Two Wire, 12/24 Volt DC, Ceiling Mounted Horn (Wheelock HNWC)	127.93	43.46
28 46 13 31-2338	EA	Red, 24 Volt DC, Sync With Built-In Temporal, Mini-Horn (Wheelock MIZ-24S-R)	111.33	43.46
28 46 13 31-2339	EA	White, 24 Volt DC, Sync With Built-In Temporal, Mini-Horn (Wheelock MIZ-24S-W)	111.33	43.46
28 46 13 31-2340	EA	Red, Flush, 12/24 Volt AC, Horn (Wheelock MT-12/24-R)	127.93	43.46
28 46 13 31-2341	EA	Red, 24 Volt DC, Four Wire, Wall Mounted Horn (Wheelock HS-24-R)	154.80	43.46
28 46 13 31-2342		**Speakers** *(28 46 13 31-2237)*		
28 46 13 31-2343	EA	Red, Square, 25 Or 70.7 VRMS, 1/8 To 2 Watt, Wall Mounted Speaker (Wheelock E50-R)	130.80	43.46
28 46 13 31-2344	EA	White, Square, 25 Or 70.7 VRMS, 1/8 To 2 Watt, Wall Mounted Speaker (Wheelock E50-W)	130.80	43.46
28 46 13 31-2345	EA	Red, Square, 25 Or 70.7 VRMS, 1/8 To 2 Watt, Ceiling Mounted Speaker (Wheelock E60-R)	130.80	43.46
28 46 13 31-2346	EA	White, Square, 25 Or 70.7 VRMS, 1/8 To 2 Watt, Ceiling Mounted Speaker (Wheelock E60-W)	128.83	43.46
28 46 13 31-2347	EA	Red, Flush, Square, 25 Or 70.7 VRMS, 1/8 To 2 Watt, Wall Or Ceiling Mounted Speaker (Wheelock E70-R)	130.80	43.46
28 46 13 31-2348	EA	White, Flush, Square, 25 Or 70.7 VRMS, 1/8 To 2 Watt, Wall Or Ceiling Mounted Speaker (Wheelock E70-W)	130.80	43.46
28 46 13 31-2349	EA	Red, Round, 25 Or 70.7 VRMS, 1/8 To 2 Watt, Wall Or Ceiling Mounted Speaker (Wheelock E90-R)	130.80	43.46
28 46 13 31-2350	EA	White, Round, 25 Or 70.7 VRMS, 1/8 To 2 Watt, Wall Or Ceiling Mounted Speaker (Wheelock E90-W)	130.80	43.46
28 46 13 31-2351	EA	Red, Flush Or Surface, Square, 1/8 - 8 Watt, Wall Mounted Speaker (Wheelock ET70-R)	152.42	43.46
28 46 13 31-2352	EA	White, Flush Or Surface, Square, 1/8 - 8 Watt, Wall Mounted Speaker (Wheelock ET70-W)	152.42	43.46
28 46 13 31-2353	EA	White, Round, 25 Or 70.7 VRMS, 1/8 - 8 Watt Ceiling Mounted Speaker (Wheelock ET90-W)	154.22	43.46
28 46 13 31-2354	EA	Red, Surface Mounted, Vandal Resistant, Square, 1/8 - 8 Watt, Wall Or Ceiling Mounted Speaker (Wheelock ET-1010-R)	210.17	43.46
28 46 13 31-2355	EA	Red, Flush Mounted, Vandal Resistant, Square, 1/8 - 8 Watt, Wall Or Ceiling Mounted Speaker (Wheelock ET-1080-R)	189.33	43.46
28 46 13 31-2356	EA	Grey, 1 To 15 Watt, 25/70/100 Volt Transformer, Loud Speaker (Wheelock STH-15S)	293.28	43.46
28 46 13 31-2357	EA	Red, 1 To 15 Watt, 25/70/100 Volt Transformer, Loud Speaker (Wheelock STH-15SR)	293.28	43.46
28 46 13 31-2358	EA	Red, 1/8 To 8 Watts, Square, Surface Mounted, Vandal Resistant Speaker (Wheelock ET-1010-R)	210.17	43.46
28 46 13 31-2359	EA	White, 8 Watts, Wall/Ceiling Mounted, Vandal Resistant Speaker (Wheelock ET-1010-W)	212.55	43.46
28 46 13 31-2360	EA	Red, 1/8 To 8 Watts, Square, Flush Mounted, Vandal Resistant Speaker (Wheelock ET-1080-R)	189.33	43.46
28 46 13 31-2361	EA	White, 8", 25/70 Volt, 15/30/75/95 Candela, Round, Ceiling Mounted, Speaker (Wheelock S8-24MCC-FW)	283.99	43.46
28 46 13 31-2362	EA	White, 8", 25/70 Volt, Round, Ceiling Mounted, Speaker (Wheelock S8-70/25)	203.62	43.46
28 46 13 31-2363		**Sync Modules** *(28 46 13 31-2237)*		
28 46 13 31-2364	EA	12 Or 24 Volt DC, Single Circuit Class B, Sync Module (Wheelock SM-12/24-R)	184.14	28.98
28 46 13 31-2365		**Boxes, Plates And Rings** *(28 46 13 31-2237)*		
28 46 13 31-2366	EA	4" Square, Red, Surface Backbox (Wheelock BB-R)	38.80	14.48
28 46 13 31-2367	EA	Standard 4" Square Box (Wheelock BB-STD)	38.27	14.48
28 46 13 31-2368	EA	Black, Backbox For UZC-256 (Wheelock BB-UZC)	250.25	28.98
28 46 13 31-2369	EA	Red, Backbox For UZC-256 (Wheelock BB-UZC-R)	250.25	28.98
28 46 13 31-2370	EA	9" x 12" x 2.75", For Two XP Boards, Surface Mounted Cabinet (Wheelock BB-XP)	192.82	23.18
28 46 13 31-2371	EA	Red, Extender Ring For E60 Series (Wheelock E60EXT-R)	20.38	5.79
28 46 13 31-2372	EA	White, Extender Ring For E60 Series (Wheelock E60EXT-W)	20.38	5.79
28 46 13 31-2373	EA	Red, Surface Mounted Backbox For E50 Speakers (Wheelock E50SB-R)	49.44	14.48
28 46 13 31-2374	EA	White, Surface Mounted Backbox For E50 Speakers (Wheelock E50SB-W)	46.56	14.48
28 46 13 31-2375	EA	Red, Surface Mounted Backbox For E50 Speaker Strobe (Wheelock E50SSB-R)	49.44	14.48
28 46 13 31-2376	EA	White, Surface Mounted Backbox For E50 Speaker Strobe (Wheelock E50SSB-W)	49.44	14.48
28 46 13 31-2377	EA	4" Square Backbox (Wheelock DBB-R)	40.64	14.48
28 46 13 31-2378	EA	Red, Surface Backbox (Wheelock IOB-R)	47.55	14.48
28 46 13 31-2379	EA	White, Surface, Backbox (Wheelock IOB-W)	47.55	14.48
28 46 13 31-2380	EA	White, Indoor, Surface Extender (Wheelock ISP2-W)	19.44	5.79
28 46 13 31-2381	EA	Red, RS/RSS Strobe Trim Plate (Wheelock NATP-R)	25.34	5.79
28 46 13 31-2382	EA	White, RS/RSS Strobe Trim Plate (Wheelock NATP-W)	25.34	5.79

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-2383	EA	Red Retrofit Plate (Wheelock RP-R)	23.25	5.79
28 46 13 31-2384	EA	4" Speaker/Strobe Ceiling Tile Support Bracket (Wheelock SSB-4)	41.71	5.79
28 46 13 31-2385	EA	Red, Surface Mounted, Backbox For Chimes, Speakers (Wheelock SBB-R)	49.88	14.48
28 46 13 31-2386	EA	White, Surface Mounted, Backbox For Chimes, Speaker (Wheelock SBB-W)	50.51	14.48
28 46 13 31-2387	EA	Red, Surface Mounted, Backbox For With RSSP (Wheelock SBL2-R)	53.83	14.48
28 46 13 31-2388	EA	Red, Semi-Flush Plate (Wheelock SFB-R)	26.55	5.79
28 46 13 31-2389	EA	White, Semi-Flush Plate (Wheelock SFB-W)	26.55	5.79
28 46 13 31-2390	EA	Red, Shallow Surface Mounted, Backbox (Wheelock SHBB-R)	43.65	14.48
28 46 13 31-2391	EA	White, Shallow Surface Mounted, Backbox (Wheelock SHBB-W)	43.65	14.48
28 46 13 31-2392	EA	Red, Adapter Plate For Mounting Sth-15S And Sth-15SR (Wheelock SHMP-R)	29.17	5.79
28 46 13 31-2393	EA	Red, Weather Resistant Backbox (Wheelock WBB-R)	49.08	14.48
28 46 13 31-2394	EA	Silver, Weather Resistant Backbox (Wheelock WBB-S)	49.08	14.48
28 46 13 31-2395	EA	White, Weather Resistant Backbox (Wheelock WBB-W)	49.08	14.48
28 46 13 31-2396	EA	Red, Flush Outdoor Mounting Plate For RS, ET, AH And MT Series (Wheelock WFP-R)	35.99	5.79
28 46 13 31-2397	EA	White, Flush Outdoor Mounting Plate For RS, ET, AH And MT Series (Wheelock WFP-W)	35.99	5.79
28 46 13 31-2398	EA	Red, Flush Outdoor Mounting Plate For ASWP Series (Wheelock WFPA-R)	35.99	5.79
28 46 13 31-2399	EA	White, Flush Outdoor Mounting Plate For ASWP Series (Wheelock WFPA-W)	35.99	5.79
28 46 13 31-2400	EA	Gasket Kit For Rear Wiring To Outdoor Backbox (Wheelock WP-KIT)	24.63	5.79
28 46 13 31-2401	EA	Weather Resistant Backbox For ASWP (Wheelock WPBB-R)	61.37	14.48
28 46 13 31-2402	EA	Weather Resistant Backbox For RSSWP (Wheelock WPSBB-R)	56.13	14.48
28 46 13 31-2403	EA	Red Plate For RSS (Wheelock RSSCP-R)	19.44	5.79
28 46 13 31-2404	EA	White Plate For RSS (Wheelock RSSCP-W)	19.44	5.79
28 46 13 31-2405	EA	Red Fire Plate For RSS (Wheelock RSSCPW-FR)	20.38	5.79
28 46 13 31-2406	EA	White Fire Plate For RSS (Wheelock RSSCPW-FW)	20.38	5.79
28 46 13 31-2407	EA	Red, Indoor, Surface Extender (Wheelock ISP2-R)	19.84	5.79
28 46 13 31-2408	EA	Red, 24 Volt DC, 135/185 Candela, Wall Mounted Strobe Plate (Wheelock RSSP-24MCHW-FR)	154.47	5.79
28 46 13 31-2409	EA	White, 24 Volt DC, 15/30/75/110 Candela, Amber Lens, Ceiling Mounted Strobe Plate (Wheelock RSSPA-24MCC-ALW)	138.40	5.79
28 46 13 31-2410	EA	White, 24 Volt DC, 15/30/75/110 Candela, Amber Lens, No Lettering, Ceiling Mounted Strobe Plate (Wheelock RSSPA-24MCC-NW)	136.02	5.79
28 46 13 31-2411	EA	White, 24 Volt DC, 15/30/75/110 Candela, Amber Lens, ALERT Lettering, Wall Mounted Strobe Plate (Wheelock RSSPA-24MCW-ALW)	138.40	5.79
28 46 13 31-2412	EA	Red, Square Grill Plate For CH70, E70, ET70 (Wheelock ECHG70-R)	22.72	5.79
28 46 13 31-2413	EA	White, Square Grill Plate For CH70, E70, ET70 (Wheelock ECHG70-W)	22.01	5.79
28 46 13 31-2414	EA	Red, Round Grill Plate For CH70, E70, ET70 (Wheelock ECHG90-R)	23.26	5.79
28 46 13 31-2415	EA	White, Round Grill Plate For CH70, E70, ET70 (Wheelock ECHG90-W)	23.26	5.79
28 46 13 31-2416	EA	White, Fire Lettered, Grill Plate For E50 Speaker/Strobe (Wheelock ECHSG50-FW)	22.01	5.79
28 46 13 31-2417	EA	Red, Square, Fire Lettered, Grill Plate For CH70,E70,ET70 Speaker/Strobe (Wheelock ECHSG70W-FR)	23.14	5.79
28 46 13 31-2418	EA	White, Square, Fire Lettered, Grill Plate For CH70,E70,ET70 Speaker/Strobe (Wheelock ECHSG70W-FW)	23.14	5.79
28 46 13 31-2419	EA	Red, Round, Fire Lettered, Grill Plate For CH70, E70, ET70 Speaker Strobe (Wheelock ECHSG90-R)	22.01	5.79
28 46 13 31-2420	EA	White, Round, Fire Lettered, Grill Plate For CH70, E70, ET70 Speaker Strobe (Wheelock ECHSG90-W)	22.01	5.79
28 46 13 31-2421	EA	Red, Surface Mounted, Extender Ring (Wheelock SER-R)	31.06	5.79
28 46 13 31-2422	EA	White, Surface Mounted, Extender Ring (Wheelock SER-W)	31.42	5.79
28 46 13 31-2423	EA	Red, Semi-Flush, Plate (Wheelock SFP-R)	24.63	5.79
28 46 13 31-2424	EA	Silver, Semi-Flush, Plate (Wheelock SFP-S)	23.26	5.79
28 46 13 31-2425	EA	White, Semi-Flush, Plate (Wheelock SFP-W)	24.63	5.79
28 46 13 31-2426	EA	Red, Weather Resistant Back Box For ASWP (Wheelock WPBB-R)	61.37	14.48
28 46 13 31-2427	EA	Red, Weather Resistant Back Box For RSSWP (Wheelock WPSBB-R)	56.13	14.48
28 46 13 31-2428	EA	White, Weather Resistant Back Box For RSSWP Series (Wheelock WPSBB-W)	56.13	14.48
28 46 13 31-2429		**Manual Pull Station** *(28 46 13 31-2237)*		
28 46 13 31-2430	EA	SPST, Single Action, Manual Pull Station (Eaton Wheelock MPS-100)	133.04	28.98
28 46 13 31-2431	EA	SPST, Double Action, Manual Pull Station (Eaton Wheelock MPS-200)	133.04	28.98
28 46 13 31-2432	EA	Explosion Proof, Single Action Manual Pull Station (Eaton Wheelock MPS-400X)	1,191.81	28.98
28 46 13 31-2433		**Fire Alarm Terminal Cabinets** *(28 46 13 31)*		
28 46 13 31-2434	EA	18 Point Lockable Fire Alarm Terminal Cabinet	247.25	58.05
28 46 13 31-2435	EA	32 Point Lockable Fire Alarm Terminal Cabinet	325.96	58.05
28 46 13 31-2436	EA	64 Point Lockable Fire Alarm Terminal Cabinet	483.36	58.05
28 46 13 31-2437	EA	128 Point Lockable Fire Alarm Terminal Cabinet	640.71	58.05
28 46 13 31-2438		**Fire Alarm Digital Cellular Communicator** *(28 46 13 31)*		
28 46 13 31-2439	EA	Digital Cellular Communicator With Antenna And Red Enclosure (Telular Telguard TG-7FS)	750.53	57.95
28 46 13 31-2440		**Test And Certification Of Fire Alarm System To Tie In To Existing Systems** *(28 46 13 31)*		
28 46 13 31-2441	DAY	Test And Certification Of Fire Alarm System To Tie Into Existing Systems	921.08	
28 46 13 31-2442	HR	Test And Certification Of Fire Alarm System To Tie In To Existing Systems	287.84	
28 46 13 31-2443		**Programming Of Existing Fire Alarm System** *(28 46 13 31)*		
28 46 13 31-2444	HR	Programming Of Existing Fire Alarm System	345.41	
28 46 13 31-2445		**Removal And Reinstallation Of Smoke Detector** *(28 46 13 31)* Note: Includes storage, cleaning and supply materials.		
28 46 13 31-2446	EA	Removal And Reinstallation Of Ceiling Mounted Smoke Detector	162.27	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-2447	EA	Removal And Reinstallation Of Wall Mounted Smoke Detector	130.39	
28 46 13 31-2448		**Kidde Fire Safety Equipment** *(28 46 13 31)*		
28 46 13 31-2449		**Smoke Detectors** *(28 46 13 31-2448)*		
28 46 13 31-2450	EA	Combination Smoke And Carbon Monoxide Detector, Intelligent Sensor, 120 Volt Hardwired, With10 Year Sealed Battery Back-up (Kidde P4010ACS-CO)	155.65	43.46
28 46 13 31-2451	EA	Combination Smoke And Carbon Monoxide Detector, 120 Volt Wired, With 10 Year Sealed Battery Back-up (Kidde i12010SCO)	136.27	43.46
28 46 13 31-2452	EA	Combination Smoke And Carbon Monoxide Detector, With 10 Year Sealed Battery (Kidde P3010K-CO)	128.12	43.46
28 46 13 31-2453		**Potter Fire Alarm** *(28 46 13 31)*		
28 46 13 31-2454		**Electric Alarm Bells** *(28 46 13 31-2453)*		
28 46 13 31-2455	EA	6" Alarm Bell, 12 Volt DC (Potter MBA-6-12)	125.84	43.46
28 46 13 31-2456	EA	8" Alarm Bell, 12 Volt DC (Potter MBA-8-12)	138.13	43.46
28 46 13 31-2457	EA	10" Alarm Bell, 12 Volt DC (Potter MBA-10-12)	144.27	43.46
28 46 13 31-2458	EA	6" Alarm Bell, 24 Volt DC (Potter MBA-6-24)	125.84	43.46
28 46 13 31-2459	EA	8" Alarm Bell, 24 Volt DC (Potter MBA-8-24)	138.13	43.46
28 46 13 31-2460	EA	10" Alarm Bell, 24 Volt DC (Potter MBA-10-24)	144.27	43.46
28 46 13 31-2461	EA	6" Alarm Bell, 24 Volt AC (Potter PBA246)	136.27	43.46
28 46 13 31-2462	EA	8" Alarm Bell, 24 Volt AC (Potter PBA248)	142.17	43.46
28 46 13 31-2463	EA	10" Alarm Bell, 24 Volt AC (Potter PBA2410)	176.91	43.46
28 46 13 31-2464	EA	6" Alarm Bell, 120 Volt AC (Potter PBA1206)	127.61	43.46
28 46 13 31-2465	EA	8" Alarm Bell, 120 Volt AC (Potter PBA1208)	142.17	43.46
28 46 13 31-2466	EA	10" Alarm Bell, 120 Volt AC (Potter PBA12010)	154.34	43.46
28 46 13 31-2467		**Manual Pull Station** *(28 46 13 31-2453)*		
28 46 13 31-2468	EA	SPST, Single Action, Manual Pull Station (Potter P32-1T)	92.78	28.98
28 46 13 31-2469	EA	DPST, Single Action, Manual Pull Station (Potter RMS-2T)	98.36	28.98
28 46 13 31-2470	EA	DPST, Single Action, Manual Pull Station (Potter RMS-6T)	161.17	28.98
28 46 13 31-2471	EA	DPST, Single Action, Key Reset Manual Pull Station (Potter RMS-1T-KL)	101.83	28.98
28 46 13 31-2472	EA	SPST, Dual Action, Manual Pull Station (Potter P32-1T-LP)	95.94	28.98
28 46 13 31-2473	EA	SPST, Weather Proof, Manual Pull Station (Potter RMS-1T-WP)	180.81	28.98
28 46 13 31-2474	EA	SPST, Weather Proof Dual Action, Manual Pull Station (Potter RMS-1T-WP-LP)	227.65	28.98
28 46 31		**Fire-Alarm Initiating Devices** *(28 46)*		
28 46 31 11		**Heat-Sensing Fire Detectors** *(28 46 31)*		
28 46 31 11-0001		**Protectowire Fire Alarm** *(28 46 31 11)*		
28 46 31 11-0002		**Linear Heat Detector Cable** *(28 46 31 11-0001)*		
28 46 31 11-0003	LF	Multi-Purpose Linear Heat Detector, EPC Type, 155 To 220 Degree F (Protectowire PHSC-EPC)	5.70	
28 46 31 11-0004	LF	Multi-Purpose Linear Heat Detector With Messenger Wire, EPC Type, 155 To 220 Degree F (Protectowire PHSC-EPC-M	6.18	
28 46 31 11-0005	LF	High Performance Linear Heat Detector, XCR Type, 155 To 220 Degree F (Protectowire PHSC-XCR)	6.18	
28 46 31 11-0006	LF	High Performance Linear Heat Detector With Messenger Wire, XCR Type, 155 To 220 Degree F (Protectowire PHSC-XCR-M	6.67	
28 46 31 11-0007	LF	Multi-Purpose Linear Heat Detector, XLT Type, 135 Degree F (Protectowire PHSC-XLT)	7.16	
28 46 31 11-0008	LF	Multi-Purpose Linear Heat Detector With Messenger Wire, XLT Type, 135 Degree F (Protectowire PHSC-XLT-M)	7.65	
28 46 31 11-0009	EA	Flexible Lead Connector For Linear Heat Detector (Protectowire PFL)	69.68	
28 46 31 11-0010	EA	Splicing Connector For Linear Heat Detector (Protectowire PWSC)	28.10	
28 46 31 11-0011	EA	Cable Tray Clip For Linear Heat Detector (Protectowire CC-2N And CC-2W)	9.19	
28 46 31 11-0012	EA	Cable Tray Spring Clip For Linear Heat Detector (Protectowire HPC-2)	9.19	
28 46 31 11-0013	EA	Adhesive Cable Mount For Linear Heat Detector (Protectowire EMS-A-CO)	10.13	
28 46 31 11-0014	EA	Beam Clamp For Linear Heat Detector (Protectowire BC-2)	15.80	
28 46 31 11-0015	EA	Beam Clamp With Polypropylene Clip For Linear Heat Detector (Protectowire BC-3P)	16.44	
28 46 31 11-0016	EA	Pipe Mounting Straps Nylon (3/4" to 2" Pipe) (Protectowire PM-3A)	1.64	
28 46 31 11-0017	EA	Pipe Mounting Straps Nylon (2-1/2" to 3-1/2" Pipe) (Protectowire PM-3B)	2.23	
28 46 31 11-0018	EA	Pipe Mounting Straps Nylon (4" to 6" Pipe) (Protectowire PM-3C)	9.87	
28 46 41		**Fire-Alarm Notification Appliances** *(28 46)*		
28 46 41 11		**Audible Fire-Alarm Notification Appliances** *(28 46 41)*		
		See CSI section 28 46 13 31-0000 for fire alarm speakers.		
28 46 41 31		**Combination Fire-Alarm Notification Appliances** *(28 46 41)*		
		See CSI section 28 46 13 31-0000 for fire alarm horns and strobes.		
28 47		**Mass Notification** *(28 40)*		
28 47 21		**Mass Notification System Interfaces** *(28 47)*		
28 47 21 21		**Notification Interfaces to Fire Detection and Alarm** *(28 47 21)*		
28 47 21 21-0001		**Emergency Command Center (Honeywell Fire-Lite)** *(28 47 21 21)*		
28 47 21 21-0002	EA	Emergency Command Center Multipurpose Emergency Voice Eevacuation Panels (Fire-Lite ECC-50/100(E))	2,596.52	289.76
28 47 21 21-0003	EA	Circuit Expander Module (Fire-Lite ECC_CE6)	509.40	23.18

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 47 21 21-0004	EA	25V, 50 Watt Audio Amplifier Module (Fire-Lite ECC_50W_25V)	446.32	28.98
28 47 21 21-0005	EA	75V, 50 Watt Audio Amplifier Module (Fire-Lite ECC_50W_70V)	460.34	28.98
28 47 21 21-0006	EA	70V Transformer Conversion Module (Fire-Lite ECC_XRM_70V)	234.67	28.98
28 47 21 21-0007	EA	Local Operator Console (Fire-Lite ECC-LOC)	1,407.35	57.95
28 47 21 21-0008	EA	Remote Page Unit Hand Held Micorphone (Fire-Lite ECC-RPU)	1,119.22	14.48
28 47 21 21-0009	EA	Distributed (Remote) Audio Amplifier, 50 Watts (Fire-Lite ECC-50DA)	1,068.21	57.95
28 47 21 21-0010	EA	Distributed (Remote) Audio Amplifier, 125 Watts (Fire-Lite ECC-125DA)	1,847.58	57.95
28 47 21 21-0011	EA	Distributed (Remote) Audio Amplifier With Backup, 50/100 Watts (Fire-Lite ECC50BDA)	2,937.96	57.95
28 47 21 21-0012	EA	100 Watt Primary / 50 Watt Back-up Remote Amplifier Expander Card (Fire-Lite ECC-50WBU)	1,439.75	28.98
28 47 21 21-0013	EA	Distributed Audio Speaker Circuit/Zone Expander Module (Fire-Lite ECC-CE4)	441.20	28.98
28 47 21 21-0014	EA	Addressable Mini-Monitor Module (Fire-Lite MMF-301)	99.82	28.98
28 47 21 21-0015	EA	Thumb Latch (Fire-Lite THUMBLTCH)	56.09	11.59
28 47 21 21-0016	EA	25-120 Ampere-Hours (AH) Battery Charger (Fire-Lite CHG-120F)	805.41	11.59
28 47 21 21-0017	EA	Replacement Microphone (Fire-Lite ECC-MICROPHONE)	164.76	11.59
28 47 21 21-0018	EA	12 Volt, 7 Ampere-Hour (AH) Battery (Fire-Lite BAT-1270)	304.68	28.98
28 47 21 21-0019	EA	12 Volt, 12 Ampere-Hour (AH) Battery (Fire-Lite BAT-12120)	392.85	28.98
28 47 21 21-0020	EA	12 Volt, 18 Ampere-Hour (AH) Battery (Fire-Lite BAT-12180)	290.37	28.98

28 49 Electronic Personal Protection Systems *(28 40)*

28 49 11 Electronic Personal Safety Detection Systems *(28 49)*

28 49 11 00-0001 Personnel Alarm Locating System *(28 49 11)*

Note: Includes a central computer, 17" VGA color monitor, keyboard and mouse, personal alarm locating software, a printer, interface cards and panels, eighty (80) personal alarm transmitters with lithium batteries, eighty (80) lapel readers, two hundred fifty (250) IR locators, twenty one (21) repeaters and receivers, back boxes, cables.

28 49 11 00-0002	EA	Personnel Alarm Locating System Note: Includes Pentium III central computer, 17" VGA color monitor, keyboard and mouse, personal alarm locating software, a printer, interface cards and panels.	23,692.35	930.32
28 49 11 00-0003	EA	Personnel Alarm Transmitters With Lithium Batteries	189.21	
28 49 11 00-0004	EA	Lapel Reader	72.77	
28 49 11 00-0005	EA	IR Locator	258.85	34.83
28 49 11 00-0006	EA	Repeaters And Receivers	625.17	116.11

28 49 11 00-0007 Rescue Assistance Systems *(28 49 11)*

28 49 11 00-0008	EA	Recess Mounted 8 Area Rescue Command Unit, ADA Compliant Note: Includes built-in phone, LEDs on command unit indicating station and line status, siren, strobe, built-in UPS for 4 hour power back-up. Also includes mounting sleeve box for flush mounting. Does not include hands-free emergency phone.	5,666.65	347.71
28 49 11 00-0009	EA	Indoor, ADA Compliant Hands-Free Emergency Phone Note: For use with recess mounted 8 area rescue command units.	1,017.70	86.93

28 49 17 Electronic Personal Safety Emergency Aid Devices *(28 49)*

28 49 17 00-0001 Electronic Personal Safety Emergency Aid Devices (Edwards Signaling) *(28 49 17)*

28 49 17 00-0002 Call For Assistance Kits, Emergency Aid Devices (Edwards Signaling) *(28 49 17 00-0001)*

28 49 17 00-0003	EA	Pull Cord Call For Assistance Kit With Strobe/Buzzer, Emergency Aid Devices (Edwards Signaling 7008B-N5) Note: Includes 1 high intensity strobe/buzzer (7007B-N5) and 1 emergency pull cord station (6537).	331.91	69.66
28 49 17 00-0004	EA	Push Button Call For Assistance Kit With Strobe/Horn, Emergency Aid Devices (Edwards Signaling 7005-G5) Note: Includes 1 high intensity strobe/horn (6536-G5), 1 emergency pull cord station (6537), and 1 transformer 592.	394.11	81.27
28 49 17 00-0005	EA	Pull Cord Call For Assistance Kit With Strobe/Horn, Emergency Aid Devices (Edwards Signaling 6538-G5) Note: Includes 1 high intensity strobe/horn (6536-G5), 1 wall mounted push button (620/147-10), and 1 transformer 592.	397.16	81.27

28 49 17 00-0006 Audible/Visual Signaling Devices, Emergency Aid Devices (Edwards Signaling) *(28 49 17 00-0001)*

28 49 17 00-0007	EA	High Intensity Strobe/Buzzer, Emergency Aid Devices (Edwards Signaling 7007B-N5)	245.83	43.53
28 49 17 00-0008	EA	High Intensity Strobe/Horn, Emergency Aid Devices (Edwards Signaling 6536-G5)	240.93	34.83
28 49 17 00-0009	EA	Transformer For High Intensity Strobe/Horns, Emergency Aid Devices (Edwards Signaling 592)	108.08	34.83
28 49 17 00-0010	EA	1 Lamp, Dome Station, Emergency Aid Devices (Edwards Signaling 7641-1N5)	193.76	34.83
28 49 17 00-0011	EA	2 Lamp, Dome Station, Emergency Aid Devices (Edwards Signaling 7641-2N5)	224.39	34.83
28 49 17 00-0012	EA	4 Lamp, Dome Station, Emergency Aid Devices (Edwards Signaling 7641-4G5)	256.18	34.83
28 49 17 00-0013	EA	2 Lamp, Dome Station/Buzzer, Emergency Aid Devices (Edwards Signaling 7633-2)	358.37	34.83
28 49 17 00-0014	EA	4 Lamp, Dome Station/Buzzer, Emergency Aid Devices (Edwards Signaling 7633-4)	402.34	34.83

28 49 17 00-0015 Call Activation Devices, Emergency Aid Devices (Edwards Signaling) *(28 49 17 00-0001)*

28 49 17 00-0016	EA	Double Pole Single Throw Switch, Pull Cord Station With Stainless Steel Face Plate, Emergency Aid Devices (Edwards Signaling 6537)	146.52	34.83
28 49 17 00-0017	EA	Pushbutton Wall Station/Indicator Lamp With Stainless Steel Face Plate, Emergency Aid Devices (Edwards Signaling 7603E)	219.54	34.83
28 49 17 00-0018	EA	Pushbutton Wall Station/Indicator Lamp With Stainless Steel Face Plate, Emergency Aid Devices (Edwards Signaling 7613E)	290.04	34.83

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 49 17 00-0019	EA	3 Maintained Contacts, Pull Cord Station With Stainless Steel Face Plate, Emergency Aid Devices (Edwards Signaling 7302)	316.04	11.61
28 49 17 00-0020	EA	Bedside Wall Station Receptacle, Emergency Aid Devices (Edwards Signaling 7930)	226.06	34.83
28 49 17 00-0021	EA	Bedside Wall Station Receptacle With Lamp, Emergency Aid Devices (Edwards Signaling 7930L)	268.23	34.83
28 49 17 00-0022	EA	Locking Button, Pull Cord Station With Stainless Steel Face Plate, Emergency Aid Devices (Edwards Signaling 7932L)	460.36	34.83
28 49 17 00-0023	EA	Pendant Push Button, Emergency Aid Devices (Edwards Signaling 7620)	214.47	34.83
28 49 17 00-0024	EA	Single 6' Calling Cord Set For Bedside Wall Station Receptacles, Emergency Aid Devices (Edwards Signaling 7675)	266.77	11.61
28 49 17 00-0025	EA	Double 6' Calling Cord Set For Bedside Wall Station Receptacles, Emergency Aid Devices (Edwards Signaling 7676)	413.92	11.61
28 49 17 00-0026	EA	Single 15' Calling Cord Set For Bedside Wall Station Receptacles, Emergency Aid Devices (Edwards Signaling 7685)	422.97	11.61
28 49 17 00-0027	EA	Double 15' Calling Cord Set For Bedside Wall Station Receptacles, Emergency Aid Devices (Edwards Signaling 7686)	558.10	11.61

END OF SECTION 28

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CSI	UOM	DESCRIPTION	MINOR	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

31 Earthwork

31 05 Common Work Results for Earthwork *(31)*

31 05 16 Aggregates for Earthwork *(31 05)*

See CSI section 01 74 19 00-0064 for hauling greater than 15 miles.

31 05 16 00-0001 Aggregate (Loose, Purchased Material) *(31 05 16)*

Note: Includes delivery up to 15 miles from the closest approved source, loading and dumping. Excludes spreading or backfilling. See CSI section 01 74 19 00-0064 for hauling greater than 15 miles.

31 05 16 00-0002	TON	CA 1 Stone Aggregate Fill	25.11
31 05 16 00-0003	TON	CA 6 Stone Aggregate Fill	21.75
31 05 16 00-0004	TON	CA 7 Stone Aggregate Fill	27.60
31 05 16 00-0005	TON	FA 5 Fine Aggregate	21.14
31 05 16 00-0006	TON	Recycled CA-6 Aggregate	17.09
31 05 16 00-0007	TON	Recycled 3" To 1" Aggregate	21.03
31 05 16 00-0008	TON	Sand, Bank Run	24.61
31 05 16 00-0009	TON	Sand, Washed	28.31
31 05 16 00-0010	TON	Asphalt Sand	21.14
31 05 16 00-0011	TON	Lawn Sand	20.80
31 05 16 00-0012	CY	Pulverized Topsoil	13.47

31 10 Site Clearing *(31)*

31 11 Clearing and Grubbing *(31 10)*

31 11 00 00-0001 Clear And Grub Roots And Stumps *(31 11)*

Note: Tree diameter (diameter at breast height) is the diameter of the tree trunk measured at 4.5' above ground level. Based on tree density (light, medium or heavy) to be removed. Excludes loading. See CSI section 31 13 13 00-0001 for small areas or individual trees removal.

31 11 00 00-0002	ACR	Clear And Grub Light Trees Up To 6" Diameter, Cut And Chip Note: Includes grub and removal of stump	8,385.63
31 11 00 00-0003	ACR	Clear And Grub Light Stumps Only Up To 6" Diameter	2,182.21
31 11 00 00-0004	ACR	Clear And Grub Medium Trees Up To 10" Diameter, Cut And Chip Note: Includes grub and removal of stump	11,180.85
31 11 00 00-0005	ACR	Clear And Grub Medium Stumps Only Up To 10" Diameter	3,637.02
31 11 00 00-0006	ACR	Clear And Grub Heavy Trees Up To 16" Diameter, Cut And Chip Note: Includes grub and removal of stump	15,373.67
31 11 00 00-0007	ACR	Clear And Grub Heavy Stumps Only Up To 16" Diameter	5,455.52
31 11 00 00-0008	ACR	Clear And Grub Heavy Trees Up To 24" Diameter, Cut And Chip Note: Includes grub and removal of stump	22,361.70
31 11 00 00-0009	ACR	Clear And Grub Heavy Stumps Only Up To 24" Diameter	7,637.73
31 11 00 00-0010	ACR	Clearing By Machine - Light Brush Without Grub	370.87
31 11 00 00-0011	ACR	Clearing By Machine - Medium Brush Without Grub	755.05
31 11 00 00-0012	ACR	Clearing By Machine - Heavy Brush Without Grub	1,071.30
31 11 00 00-0013	ACR	Chipping - Light Brush	2,982.09
31 11 00 00-0014	ACR	Chipping - Medium Brush	3,834.31
31 11 00 00-0015	ACR	Chipping - Heavy Brush	5,368.52

31 11 00 00-0016 Loading Of Cleared And Grubbed Material *(31 11)*

See CSI section 01 74 19 00-0064 for hauling.

31 11 00 00-0017	CY	Machine Loading Of Cleared And Grubbed Material	12.70
31 11 00 00-0018	CY	Chute Loading Of Cleared And Grubbed Material	15.24
31 11 00 00-0019	CY	Hand Loading Of Cleared And Grubbed Material	48.07
31 11 00 00-0020	CY	Wheel And Ramp Loading Of Cleared And Grubbed Material	37.77

31 13 Selective Tree and Shrub Removal and Trimming *(31 10)*

31 13 13 Selective Tree and Shrub Removal *(31 13)*

31 13 13 00-0001 Individual Tree Removal *(31 13 13)*

Note: Includes sawing and chipping branches. Tree diameter, D.B.H. (Diameter At Breast Height) is the diameter of the tree trunk measured at 4.5' above ground elevation. Excludes stump removal or grinding.

31 13 13 00-0002	EA	Up To 6" D.B.H. (Diameter At Breast Height) Tree Removal Note: Includes cutting up tree, chipping and loading.	698.81
31 13 13 00-0003	EA	>6" To 12" D.B.H. (Diameter At Breast Height) Tree Removal Note: Includes cutting up tree, chipping and loading.	1,048.21
31 13 13 00-0004	EA	>12" To 24" D.B.H. (Diameter At Breast Height) Tree Removal Note: Includes cutting up tree, chipping and loading.	1,397.61
31 13 13 00-0005	EA	>24" To 36" D.B.H. (Diameter At Breast Height) Tree Removal Note: Includes cutting up tree, chipping and loading.	2,096.41
31 13 13 00-0006	EA	>36" To 48" D.B.H. (Diameter At Breast Height) Tree Removal Note: Includes cutting up tree, chipping and loading.	2,795.21

31 13 13 00-0007 Stump Removal *(31 13 13)*

Note: Measured by diameter of stump.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 13 13 00-0008		**Stump Removal By Machine** *(31 13 13 00-0007)*		
31 13 13 00-0009	EA	Up To 6" Diameter Stump Removal Note: Includes excavation necessary to remove stump and loading.	109.11	
31 13 13 00-0010	EA	>6" To 12" Diameter Stump Removal Note: Includes excavation necessary to remove stump and loading.	209.13	
31 13 13 00-0011	EA	>12" To 24" Diameter Stump Removal Note: Includes excavation necessary to remove stump and loading.	272.77	
31 13 13 00-0012	EA	>24" To 36" Diameter Stump Removal Note: Includes excavation necessary to remove stump and loading.	409.18	
31 13 13 00-0013	EA	>36" To 48" Diameter Stump Removal Note: Includes excavation necessary to remove stump and loading.	481.94	
31 13 13 00-0014		**Stump Removal By Hand** *(31 13 13 00-0007)*		
31 13 13 00-0015	EA	Up To 6" Diameter Stump Removal By Hand Note: Where stump removal is inaccessible by machine. Includes excavation necessary to remove stump and loading.	717.91	
31 13 13 00-0016	EA	>6" To 12" Diameter Stump Removal By Hand Note: Where stump removal is inaccessible by machine. Includes excavation necessary to remove stump and loading.	897.39	
31 13 13 00-0017	EA	>12" To 24" Diameter Stump Removal By Hand Note: Where stump removal is inaccessible by machine. Includes excavation necessary to remove stump and loading.	1,316.17	
31 13 13 00-0018	EA	>24" To 36" Diameter Stump Removal By Hand Note: Where stump removal is inaccessible by machine. Includes excavation necessary to remove stump and loading.	1,794.77	
31 13 13 00-0019	EA	>36" To 48" Diameter Stump Removal By Hand Note: Where stump removal is inaccessible by machine. Includes excavation necessary to remove stump and loading.	2,393.03	
31 13 13 00-0020		**Stump Grinding** *(31 13 13)* Note: Measured by diameter of stump.		
31 13 13 00-0021		**Stump Grinding, 18" Deep Below Surface Of Soil** *(31 13 13 00-0020)* Note: Level soil to match existing surface area.		
31 13 13 00-0022	EA	Stump Grinding Up To 6" Tree	142.30	
		For 24" Depth, Add	*28.46*	
		For >10, Deduct	*-17.79*	
31 13 13 00-0023	EA	Stump Grinding >6" To 12" Tree	177.87	
		For 24" Depth, Add	*35.57*	
		For >10, Deduct	*-22.23*	
31 13 13 00-0024	EA	Stump Grinding >12" To 15" Tree	213.45	
		For 24" Depth, Add	*42.69*	
		For >10, Deduct	*-26.68*	
31 13 13 00-0025	EA	Stump Grinding >15" To 18" Tree	237.16	
		For 24" Depth, Add	*47.43*	
		For >10, Deduct	*-29.65*	
31 13 13 00-0026	EA	Stump Grinding >18" To 21" Tree	254.95	
		For 24" Depth, Add	*50.99*	
		For >10, Deduct	*-31.87*	
31 13 13 00-0027	EA	Stump Grinding >21" To 24" Tree	272.73	
		For 24" Depth, Add	*54.55*	
		For >10, Deduct	*-34.09*	
31 13 13 00-0028	EA	Stump Grinding >24" To 27" Tree	296.45	
		For 24" Depth, Add	*59.29*	
		For >10, Deduct	*-37.06*	
31 13 13 00-0029	EA	Stump Grinding >27" To 30" Tree	323.07	
		For 24" Depth, Add	*64.61*	
		For >10, Deduct	*-40.38*	
31 13 13 00-0030	EA	Stump Grinding >30" To 33" Tree	358.97	
		For 24" Depth, Add	*71.79*	
		For >10, Deduct	*-44.87*	
31 13 13 00-0031	EA	Stump Grinding >33" To 36" Tree	394.86	
		For 24" Depth, Add	*78.97*	
		For >10, Deduct	*-49.36*	
31 13 13 00-0032	EA	Stump Grinding >36" To 42" Tree	430.76	
		For 24" Depth, Add	*86.15*	
		For >10, Deduct	*-53.85*	
31 13 13 00-0033	EA	Stump Grinding >42" To 48" Tree	478.63	
		For 24" Depth, Add	*95.73*	
		For >10, Deduct	*-59.83*	
31 13 13 00-0034	EA	Stump Grinding >48" To 60" Tree	598.27	
		For 24" Depth, Add	*119.65*	
		For >10, Deduct	*-74.78*	
31 13 13 00-0035	EA	Stump Grinding >60" To 72" Tree	747.85	
		For 24" Depth, Add	*149.57*	
		For >10, Deduct	*-93.48*	
31 13 13 00-0036	EA	Stump Grinding >72" To 84" Tree	957.24	
		For 24" Depth, Add	*191.45*	
		For >10, Deduct	*-119.66*	
31 13 13 00-0037		**Tree And Shrub Removal** *(31 13 13)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 13 13 00-0038	EA	Removal Of 18" To 24" Shrub, Broadleaf Evergreen	53.53	
31 13 13 00-0039	EA	Removal Of 2' To 3' Shrub, Broadleaf Evergreen	83.95	
31 13 13 00-0040	EA	Removal Of 3' To 4' Shrub, Broadleaf Evergreen	97.33	
31 13 13 00-0041	EA	Removal Of 4' To 5' Shrub, Broadleaf Evergreen	146.01	
31 13 13 00-0042	EA	Removal Of 12" To 15" Shrub, Deciduous	26.77	
31 13 13 00-0043	EA	Removal Of 18" To 24" Shrub, Deciduous	41.37	
31 13 13 00-0044	EA	Removal Of 2' To 3' Shrub, Deciduous	53.54	
31 13 13 00-0045	EA	Removal Of 3' To 4' Shrub, Deciduous	58.40	
31 13 13 00-0046	EA	Removal Of 18" To 24" Shrub, Evergreen	53.53	
31 13 13 00-0047	EA	Removal Of 24" To 30" Shrub, Evergreen	58.40	
31 13 13 00-0048	EA	Removal Of 30" To 36" Shrub, Evergreen	83.95	
31 13 13 00-0049	EA	Removal Of 36" To 42" Shrub, Evergreen	146.01	
31 13 13 00-0050	EA	Removal Of 2' To 3' Tree, Deciduous	53.53	
31 13 13 00-0051	EA	Removal Of 3' To 4' Tree, Deciduous	58.40	
31 13 13 00-0052	EA	Removal Of 4' To 5' Tree, Deciduous	83.95	
31 13 13 00-0053	EA	Removal Of 5' To 6' Tree, Deciduous	97.33	
31 13 13 00-0054	EA	Removal Of 5' To 6' Tree, Shade	58.40	
31 13 13 00-0055	EA	Removal Of 6' To 8' Tree, Shade	83.95	
31 13 13 00-0056	EA	Removal Of 8' To 10' Tree, Shade	116.81	
31 13 13 00-0057	EA	Removal Of 2" Caliper Tree, Shade	243.34	
31 13 13 00-0058	EA	Removal Of 4' To 5' Tree, Evergreen	83.95	
31 13 13 00-0059	EA	Removal Of 5' To 6' Tree, Evergreen	116.81	
31 13 13 00-0060	EA	Removal Of 6' To 7' Tree, Evergreen	153.31	
31 13 13 00-0061	EA	Removal Of 7' To 8' Tree, Evergreen	194.67	
31 13 13 00-0062	EA	Removal Of 8' To 10' Tree, Evergreen	265.23	

31 13 13 00-0063 Tree Removal *(31 13 13)*

Note: Cut 2" to 8" above soil surface. Includes loading. Excludes stump grinding or removal.

31 13 13 00-0064	DI	Removal Of Tree(s), For D.B.H. of 6" Or Less	25.01	
31 13 13 00-0065	DI	Removal Of Tree(s), For D.B.H. of 6" To 12"	42.20	
31 13 13 00-0066	DI	Removal Of Tree(s), For D.B.H. of 12" To 18"	50.01	
31 13 13 00-0067	DI	Removal Of Tree(s), For D.B.H. of 18" To 24"	67.21	
31 13 13 00-0068	DI	Removal Of Tree(s), For D.B.H. of 24" Or Greater	89.09	

31 13 16 Selective Tree and Shrub Trimming *(31 13)*

See CSI section 32 01 90 23-0000 for tree pruning.

31 13 16 00-0001 Tree Trimming For Pole Line Construction And Maintenance *(31 13 16)*

Note: Area to be vertical cleared (including overhanging limbs) is minimum 20' wide (10' each side of structure) and 16' above ground. All materials to 6" D.B.H. (Diameter At Breast Height) to be chipped in place. Larger material may be chipped or disposed. Trees greater than 18" diameter use individual tree removal tasks. Quantity based on running foot of power line to be cleared.

31 13 16 00-0002	LF	Tree Trimming, Light Cutting To 6" Diameter For Pole Line Construction	2.33	
31 13 16 00-0003	LF	Tree Trimming, Medium Cutting >6" To 12" Diameter For Pole Line Construction	3.49	
31 13 16 00-0004	LF	Tree Trimming, Heavy Cutting >12" To 18" Diameter For Pole Line Construction	4.11	

31 20 Earth Moving *(31)*

Note: Per OSHA -Soil Classification - 1926 Subpart P App A. Light material: Class A site material, normally referred to as "easy digging". Consisting of loose, soft, free running materials. Close lying, which will fill blade, digger or bucket to capacity, and frequently provide a heaped load. Materials such as dry sand, small gravel, unpacked earth, loam, etc., would fall into this category. Medium material: Class B site material, normally referred to as "medium and tough, wet and sticky clay would be examples of this medium digging", consisting of harder materials that are not difficult to dig without assistance such as ripping, blasting, etc. Material break up with some bulkiness causing voids in digger or bucket. Materials such as packed earth, common earth with some clay, soil with less that 25% rock content would be examples of this category. Heavy/wet material: Class C site material, normally referred to as "hard digging", consisting of materials which may require some assistance in breaking up. Bulky and somewhat hard to penetrate materials would be found in this category and voids in dipper or bucket would be common. Materials such as very hard packed soil, with up to 50% to 70% rock content and hard category. Soil conditions will be determined by soil analysis to provide appropriate percentage (%) for the various types of soil conditions. Apply the percentages to the various soil types to generate an appropriate representation of the soil condition.

31 22 Grading *(31 20)*

31 22 13 Rough Grading *(31 22)*

See CSI section 31 23 16 00-0000 for rough grading.

31 22 16 Fine Grading *(31 22)*

31 22 16 13 Roadway Subgrade Reshaping *(31 22 16)*

See CSI section 31 23 16 00-0000 for bulk shaping and grading, 31 24 13 00-0000 for roadway shaping and grading.

31 22 19 Finish Grading *(31 22)*

31 22 19 13 Spreading and Grading Topsoil *(31 22 19)*

31 22 19 13-0001 Site Grading For Areas Outside Of Structures And Slabs *(31 22 19 13)*

Note: Use of bobcat type equipment or hand for finish grading for positive drainage.

31 22 19 13-0002 Hand Digging And Grading *(31 22 19 13-0001)*

31 22 19 13-0003	SF	Trim And Shape Machine Excavated Area By Hand Finish Grade	1.32	
31 22 19 13-0004	SF	Trim And Shape Area On Grade By Hand, Finish Grade	1.20	
31 22 19 13-0005	SF	Fine Grade Gravel Bedding By Hand Finish Grade	1.25	
31 22 19 13-0006	SF	Fine Grade Gravel By Hand Finish Grade	1.05	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 22 19 13-0007		Machine Operations *(31 22 19 13-0001)*		
31 22 19 13-0008		Machine Operations With Grader *(31 22 19 13-0007)*		
31 22 19 13-0009	CSY	Semi Grade, 2 Passes With Grader	463.78	
31 22 19 13-0010	CSY	Fine Grade, 3 Passes With Grader	644.15	

31 23 Excavation and Fill *(31 20)*

31 23 16 Excavation *(31 23)*

31 23 16 13 Trenching *(31 23 16)*

Note: Use this section for trenching operations even if the total project volume exceeds 500 CY. Use tasks for work by hand only for areas not accessible by machine.

31 23 16 13-0001		Up To 12" Deep, Trench Excavation *(31 23 16 13)*		
		Note: Includes all equipment, labor and handling of trench generated spoils.		
31 23 16 13-0002	LF	4" To 10" Wide, Up To 12" Deep, Trench Excavation	1.95	
31 23 16 13-0003	LF	>12" To 18" Wide, Up To 12" Deep, Trench Excavation	2.40	
31 23 16 13-0004	LF	>18" To 24" Wide, Up To 12" Deep, Trench Excavation	2.93	
31 23 16 13-0005	LF	>24" To 30" Wide, Up To 12" Deep, Trench Excavation	3.29	
31 23 16 13-0006	LF	>30" To 36" Wide, Up To 12" Deep, Trench Excavation	4.00	
31 23 16 13-0007	LF	>36" To 42" Wide, Up To 12" Deep, Trench Excavation	4.36	
31 23 16 13-0008		>12" To 48" Deep, Trench Excavation *(31 23 16 13)*		
		Note: Includes all equipment, labor and handling of trench generated spoils.		
31 23 16 13-0009	LF	4" To 10" Wide, >12" To 48" Deep, Trench Excavation	3.73	
31 23 16 13-0010	LF	>10" To 18" Wide, >12" To 48" Deep, Trench Excavation	4.53	
31 23 16 13-0011	LF	>18" To 24" Wide, >12" To 48" Deep, Trench Excavation	5.69	
31 23 16 13-0012	LF	>24" To 30" Wide, >12" To 48" Deep, Trench Excavation	6.84	
31 23 16 13-0013	LF	>30" To 36" Wide, >12" To 48" Deep, Trench Excavation	7.56	
31 23 16 13-0014	LF	>36" To 42" Wide, >12" To 48" Deep, Trench Excavation	8.09	
31 23 16 13-0015		>48" To 96" Deep, Trench Excavation *(31 23 16 13)*		
		Note: Includes all equipment, labor and handling of trench generated spoils.		
31 23 16 13-0016	LF	12" To 18" Wide, >48" To 96" Deep, Trench Excavation	7.03	
31 23 16 13-0017	LF	>18" To 24" Wide, >48" To 96" Deep, Trench Excavation	8.00	
31 23 16 13-0018	LF	>24" To 30" Wide, >48" To 96" Deep, Trench Excavation	8.81	
31 23 16 13-0019	LF	>30" To 36" Wide, >48" To 96" Deep, Trench Excavation	10.31	
31 23 16 13-0020	LF	>36" To 42" Wide, >48" To 96" Deep, Trench Excavation	11.47	
31 23 16 13-0021		Earthwork *(31 23 16 13)*		
		Note: The following City of Chicago, Department of Transportation standard site work tasks are all-inclusive, assembly work tasks and shall be used in lieu of individual component tasks. The JOC General Conditions, Book 2, further define the use of these tasks. Refer to the appropriate specifications contained in Book 4 for a complete definition of what is included in these work tasks.		
31 23 16 13-0022	CY	Excavation, (0 > 150)	68.60	
31 23 16 13-0023	CY	Excavation, (150 > 3,000)	58.32	
31 23 16 13-0024	CY	Excavation, (3,000 > 6,000	51.68	
31 23 16 13-0025	CY	Excavation, (6,000 > 9,000	44.85	
31 23 16 13-0026	CY	Excavation, (9,000 >)	40.62	
31 23 16 13-0027	CY	Special Excavation, (0 > 150)	85.05	
31 23 16 13-0028	CY	Special Excavation, (150 > 3,000)	73.82	
31 23 16 13-0029	CY	Special Excavation, (3,000 > 6,000	66.22	
31 23 16 13-0030	CY	Special Excavation, (6,000 > 9,000	56.11	
31 23 16 13-0031	CY	Special Excavation, (9,000 >)	50.53	
31 23 16 13-0032	CY	Trench Backfill, (0 > 50)	72.52	
31 23 16 13-0033	CY	Trench Backfill, (50 > 500)	59.83	
31 23 16 13-0034	CY	Trench Backfill, (500 > 2,500)	49.89	
31 23 16 13-0035	CY	Trench Backfill, (2,500 >)	39.90	
31 23 16 13-0036	CY	Embankment, (0 > 100)	54.72	
31 23 16 13-0037	CY	Embankment, (100 > 500)	44.58	
31 23 16 13-0038	CY	Embankment, (500 >)	35.69	
31 23 16 13-0039	CY	Porous Granular Backfill, (0 > 20)	88.39	
31 23 16 13-0040	CY	Porous Granular Backfill, (20 > 150)	74.42	
31 23 16 13-0041	CY	Porous Granular Backfill, (150 >)	55.42	
31 23 16 13-0042	TON	Crushed Stone (Temporary Use), (0 > 50)	43.00	
31 23 16 13-0043	TON	Crushed Stone (Temporary Use), (50 > 250)	30.48	
31 23 16 13-0044	TON	Crushed Stone (Temporary Use), (250 > 1,000)	27.25	
31 23 16 13-0045	TON	Crushed Stone (Temporary Use), (1,000 >)	18.66	
31 23 16 13-0046	CY	Structural Soil	311.97	
31 23 16 13-0047	CY	Engineered Soil Placement, (0 > 100)	376.58	
31 23 16 13-0048	CY	Engineered Soil Placement, (100 > 500)	311.73	
31 23 16 13-0049	CY	Engineered Soil Placement, (500 >)	249.62	

31 23 16 16 Structural Excavation for Minor Structures *(31 23 16)*

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 23 16 16-0001		**Post Holes** *(31 23 16 16)* Note: Excludes spreading of excess material on site or loading and removal of excavated material from site.		
31 23 16 16-0002		**Drilling Post Hole In Soil** *(31 23 16 16-0001)* Note: Auger by machine unless otherwise notified by owner.		
31 23 16 16-0003	VLF	Up To 2-1/2" Diameter Hole, Auger By Machine Post Hole In Soil	11.09	
31 23 16 16-0004	VLF	2-1/2" Diameter Hole, Auger By Machine Post Hole In Soil	12.47	
31 23 16 16-0005	VLF	3" Diameter Hole, Auger By Machine Post Hole In Soil	14.79	
31 23 16 16-0006	VLF	4" Diameter Hole, Auger By Machine Post Hole In Soil	16.64	
31 23 16 16-0007	VLF	6" Diameter Hole, Auger By Machine Post Hole In Soil	18.15	
31 23 16 16-0008	VLF	8" Diameter Hole, Auger By Machine Post Hole In Soil	19.97	
31 23 16 16-0009	VLF	10" Diameter Hole, Auger By Machine Post Hole In Soil	22.19	
31 23 16 16-0010	VLF	12" Diameter Hole, Auger By Machine Post Hole In Soil	24.96	
31 23 16 16-0011	VLF	18" Diameter Hole, Auger By Machine Post Hole In Soil	28.52	
31 23 16 16-0012	VLF	24" Diameter Hole, Auger By Machine Post Hole In Soil	33.28	
31 23 16 16-0013	VLF	30" Diameter Hole, Auger By Machine Post Hole In Soil	39.93	
31 23 16 16-0014	VLF	36" Diameter Hole, Auger By Machine Post Hole In Soil	49.92	
31 23 16 16-0015		**Drilling Post Hole In Rock** *(31 23 16 16-0001)*		
31 23 16 16-0016	CF	Jackhammer Post Hole, Rock	84.96	
31 23 16 16-0017	CF	Rock Drill Post Hole, Rock	22.33	
31 23 16 16-0018		**Post Hole Fill** *(31 23 16 16-0001)*		
31 23 16 16-0019		**Concrete Fill** *(31 23 16 16-0018)*		
31 23 16 16-0020	VLF	Concrete Fill, Up To 2-1/2" Diameter Hole	6.94	
31 23 16 16-0021	VLF	Concrete Fill, 2-1/2" Diameter Hole	8.93	
31 23 16 16-0022	VLF	Concrete Fill, 3" Diameter Hole	9.82	
31 23 16 16-0023	VLF	Concrete Fill, 4" Diameter Hole	11.27	
31 23 16 16-0024	VLF	Concrete Fill, 6" Diameter Hole	15.89	
31 23 16 16-0025	VLF	Concrete Fill, 8" Diameter Hole	21.20	
31 23 16 16-0026	VLF	Concrete Fill, 10" Diameter Hole	25.93	
31 23 16 16-0027	VLF	Concrete Fill, 12" Diameter Hole	30.23	
31 23 16 16-0028	VLF	Concrete Fill, 18" Diameter Hole	41.14	
31 23 16 16-0029	VLF	Concrete Fill, 24" Diameter Hole	50.99	
31 23 16 16-0030	VLF	Concrete Fill, 30" Diameter Hole	60.60	
31 23 16 16-0031	VLF	Concrete Fill, 36" Diameter Hole	70.57	
31 23 16 16-0032		**Grout Fill** *(31 23 16 16-0018)*		
31 23 16 16-0033	VLF	Grout Fill, Up To 2-1/2" Diameter Hole	8.25	
31 23 16 16-0034	VLF	Grout Fill, 2-1/2" Diameter Hole	10.62	
31 23 16 16-0035	VLF	Grout Fill, 3" Diameter Hole	11.56	
31 23 16 16-0036	VLF	Grout Fill, 4" Diameter Hole	12.98	
31 23 16 16-0037	VLF	Grout Fill, 6" Diameter Hole	18.12	
31 23 16 16-0038	VLF	Grout Fill, 8" Diameter Hole	24.19	
31 23 16 16-0039	VLF	Grout Fill, 10" Diameter Hole	29.47	
31 23 16 16-0040	VLF	Grout Fill, 12" Diameter Hole	34.19	
31 23 16 16-0041	VLF	Grout Fill, 18" Diameter Hole	45.67	
31 23 16 16-0042	VLF	Grout Fill, 24" Diameter Hole	55.75	
31 23 16 16-0043	VLF	Grout Fill, 30" Diameter Hole	65.51	
31 23 16 16-0044	VLF	Grout Fill, 36" Diameter Hole	75.50	
31 23 16 16-0045		**Earth Fill, Compacted** *(31 23 16 16-0018)*		
31 23 16 16-0046	VLF	Earth Fill, Up To 2-1/2" Diameter Hole	5.88	
31 23 16 16-0047	VLF	Earth Fill, 2-1/2" Diameter Hole	7.66	
31 23 16 16-0048	VLF	Earth Fill, 3" Diameter Hole	8.01	
31 23 16 16-0049	VLF	Earth Fill, 4" Diameter Hole	8.24	
31 23 16 16-0050	VLF	Earth Fill, 6" Diameter Hole	11.01	
31 23 16 16-0051	VLF	Earth Fill, 8" Diameter Hole	14.69	
31 23 16 16-0052	VLF	Earth Fill, 10" Diameter Hole	17.62	
31 23 16 16-0053	VLF	Earth Fill, 12" Diameter Hole	19.98	
31 23 16 16-0054	VLF	Earth Fill, 18" Diameter Hole	24.35	
31 23 16 16-0055	VLF	Earth Fill, 24" Diameter Hole	27.32	
31 23 16 16-0056	VLF	Earth Fill, 30" Diameter Hole	29.97	
31 23 16 16-0057	VLF	Earth Fill, 36" Diameter Hole	32.32	
31 23 16 26		**Rock Removal** *(31 23 16)*		
31 23 16 26-0001		**Rock Breaking By Machine** *(31 23 16 26)* Note: Excludes excavation of broken-up rock.		
31 23 16 26-0002	CY	Rock Breaking By Machine, Soft Sedimentary Rocks (Shale, Sandstone, Limestone)	29.00	
31 23 16 26-0003	CY	Rock Breaking By Machine, Medium Metamorphic Rock (Slate)	30.92	
31 23 16 26-0004	CY	Rock Breaking By Machine, Hard Igneous Rock (Granite, Basalt)	36.72	
31 23 19		**Dewatering** *(31 23)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 23 19 00-0001		Well Point Dewatering System *(31 23 19)*		
31 23 19 00-0002		Delivery, Installation And Removal Cost *(31 23 19 00-0001)*		
		Note: Priced by linear foot of header used.		
31 23 19 00-0003	LF	Up To 100' In Length Well Point System Delivery, Installation And Removal	152.09	
31 23 19 00-0004	LF	>100' To 250' In Length Well Point System Delivery, Installation And Removal	83.65	
31 23 19 00-0005	LF	>250' To 500' In Length Well Point System Delivery, Installation And Removal	76.05	
31 23 19 00-0006	LF	>250' To 500' In Length Well Point System Delivery, Installation And Removal	68.44	
31 23 19 00-0007	LF	>500' To 1,000' In Length Well Point System Delivery, Installation And Removal	60.83	
31 23 19 00-0008	LF	>1,000' In Length Well Point System Delivery, Installation And Removal	53.24	
31 23 19 00-0009		Well Point Dewatering System Rental *(31 23 19 00-0001)*		
		Note: Includes all necessary equipment for a well point system (well point with risers, pump, valves, header pipe, discharge pipe, etc.). Use normal adjustment factor only for rental tasks and modifiers. Unit of measure and modifier quantities are based on linear feet of header per day (ex. 200 ft of header for four days - quantity should be 200x4 or 800 ft). Rental days include weekends, when appropriate, regardless if the system is operational during that time. Use weekly modifier for system use of five days to less than a month. Use monthly modifier for system use of one month or greater. See CSI section 31 23 19 00-0002 for installation, 31 23 19 00-0015 for operational costs.		
31 23 19 00-0010	LFD	Up To 100' In Length Well Point System Rental (LF x Days = Quantity)	4.12	
		For >5 Days And <1 Month, Deduct	*-0.91*	
		For >1 Month, Deduct	*-1.15*	
31 23 19 00-0011	LFD	>100' To 250' In Length Well Point System Rental (LF x Days = Quantity)	2.40	
		For >5 Days And <1 Month, Deduct	*-0.53*	
		For >1 Month, Deduct	*-0.67*	
31 23 19 00-0012	LFD	>250' To 500' In Length Well Point System Rental (LF x Days = Quantity)	1.72	
		For >5 Days And <1 Month, Deduct	*-0.38*	
		For >1 Month, Deduct	*-0.48*	
31 23 19 00-0013	LFD	>500' To 1,000' In Length Well Point System Rental (LF x Days = Quantity)	1.26	
		For >5 Days And <1 Month, Deduct	*-0.28*	
		For >1 Month, Deduct	*-0.35*	
31 23 19 00-0014	LFD	>1,000' In Length Well Point System Rental (LF x Days = Quantity)	1.14	
		For >5 Days And <1 Month, Deduct	*-0.25*	
		For >1 Month, Deduct	*-0.32*	
31 23 19 00-0015		Well Point Dewatering System Operation Costs *(31 23 19 00-0001)*		
		Note: The quantity for operation shall be the total number of hours the well point system is operational.		
31 23 19 00-0016	HR	Operation Costs	116.58	

31 23 23 Fill *(31 23)*

31 23 23 23 Compaction *(31 23 23)*

31 23 23 23-0001		Compaction Water, Water Truck And Operator *(31 23 23 23)*		
31 23 23 23-0002	MGL	Compaction Water, Water Truck And Operator	298.35	
		Note: Use this task in situations where earth fill, base material, etc. requires additional moisture to comply with the compaction specification. Includes delivery up to 15 miles. (Per each 1,000 gallons of water)		

31 23 23 33 Flowable Fill *(31 23 23)*

31 23 23 33-0001		Flowable Fill (Fly Ash) Cement Backfill For Trenches *(31 23 23 33)*		
		Note: Includes compaction and restoration of final grade.		
31 23 23 33-0002	CY	Flowable Fill (Fly Ash) Cement Backfill for Trenches	148.86	

31 24 Embankments *(31 20)*

31 24 13 Roadway Embankments *(31 24)*

31 24 13 00-0001		Excavation And Backfill *(31 24 13)*		
		See CSI section 31 05 16 00-0000 for imported material, 32 12 16 00-0000 for asphalt paving, 32 13 13 00-0000 for concrete paving.		
31 24 13 00-0002		Excavation *(31 24 13 00-0001)*		
31 24 13 00-0003		Excavation By Machine *(31 24 13 00-0002)*		
		Note: Includes the excavation of material to be removed from site, final cut to proposed subgrade elevation, and loading onto trucks. Also to be used for Cut and Fill operations up to a move distance of 200 feet of the cut and fill. If directed by the Owner, includes excavation of material that is to be stockpiled. Also to be used for excavation required to expose buried foundation walls and footings, underground utilities and other underground structures to be removed.		
31 24 13 00-0004	CY	Excavation Up To A Depth Of 4'	5.51	
31 24 13 00-0005	CY	Excavation From A Depth > 4' To 8'	6.23	
31 24 13 00-0006	CY	Excavation For Greater Than A Depth Of 8'	7.65	
31 24 13 00-0007		Excavation By Hand *(31 24 13 00-0002)*		
31 24 13 00-0008	CY	Excavation By Hand Up To 1 On 4 Slope	98.04	
31 24 13 00-0009	CY	Excavation By Hand Greater Than 1 On 4 Slope	196.07	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 24 13 00-0010		**Excavation By Machine Around Structures To Remain** *(31 24 13 00-0002)* Note: Includes the excavation of material to be removed from site, final cut to proposed subgrade elevation, loading onto trucks and any necessary hand labor around structures. Also to be used for Cut and Fill operations up to a move distance of 200 feet of the cut and fill. If directed by the Owner, includes excavation of material that is to be stockpiled. Also to be used for excavation required to expose buried foundation walls and footings, underground utilities and other underground structures to remain in place.		
31 24 13 00-0011	CY	Excavation Around Buried Structures To Remain Up To Depth Of 4'	9.78	
31 24 13 00-0012	CY	Excavation Around Buried Structures To Remain > 4' To 8'	10.67	
31 24 13 00-0013	CY	Excavation Around Buried Structures To Remain > 8'	13.51	
31 24 13 00-0014		**Loading Or Spreading Of Stockpiled Material** *(31 24 13 00-0002)* Note: If excavated material is permitted to be stockpiled on site by the Owner, then this work task is allowed for the spreading of material on-site or loading of material for removal from the project site.		
31 24 13 00-0015	CY	Loading Or Spreading Of Stockpile (Up To 500 CY)	3.95	
31 24 13 00-0016	CY	Loading Or Spreading Of Stockpile (>500 - 1,500 CY)	3.60	
31 24 13 00-0017	CY	Loading Or Spreading Of Stockpile (>1,500 CY)	3.32	
31 24 13 00-0018		**Scarify Soil** *(31 24 13 00-0001)*		
31 24 13 00-0019	CSF	Scarify Soil	7.05	
		For Up To 20, Add	*3.53*	
		For >20 To 50, Add	*1.76*	
		For >250 To 500, Deduct	*-0.71*	
		For >500, Deduct	*-1.41*	
31 24 13 00-0020		**Grading** *(31 24 13 00-0001)*		
31 24 13 00-0021		**Grading And Compaction Of Miscellaneous Earthen Fill** *(31 24 13 00-0020)* Note: Includes topsoil, clay, sand, mixed, and brick-bat. Includes spreading, shaping, rough grading, compaction, and watering of generated, imported or stockpiled material by machine.		
31 24 13 00-0022	CY	Grade And Compact Earthen Fill (0-500 CY) Note: Includes spreading, shaping, rough grading, compaction, and watering of imported or stockpiled material by machine.	5.07	
31 24 13 00-0023	CY	Grade And Compact Earthen Fill (>500-1,000 CY) Note: Includes spreading, shaping, rough grading, compaction, and watering of imported or stockpiled material by machine.	4.17	
31 24 13 00-0024	CY	Grade And Compact Earthen Fill (>1,000 CY) Note: Includes spreading, shaping, rough grading, compaction, and watering of imported or stockpiled material by machine.	3.35	
31 24 13 00-0025		**Grading And Compaction Of Sub-base Stone Fill** *(31 24 13 00-0020)* Note: Includes CA-6, FA-1, FA-5 screenings, stone with fines. Includes spreading, shaping, rough grading, compaction, and watering of generated, imported or stockpiled material by machine.		
31 24 13 00-0026	TON	Grade And Compact Sub-base Stone (0-500 Ton) Note: Includes spreading, shaping, rough grading, compaction, and watering of imported or stockpiled material by machine.	6.79	
31 24 13 00-0027	TON	Grade And Compact Sub-base Stone (>500-1,000 Ton) Note: Includes spreading, shaping, rough grading, compaction, and watering of imported or stockpiled material by machine.	6.07	
31 24 13 00-0028	TON	Grade And Compact Sub-base Stone (>1,000 Ton) Note: Includes spreading, shaping, rough grading, compaction, and watering of imported or stockpiled material by machine.	5.44	
31 24 13 00-0029		**Grading And Compaction Of Backfill And Undercut Fill** *(31 24 13 00-0020)* Note: Includes CA-1, CA-7, Rip Rap, bedding stone with no fines. Includes spreading, shaping, rough grading, compaction, and watering of generated, imported or stockpiled material by machine.		
31 24 13 00-0030	TON	Grade And Compact Backfill / Undercut Fill (0-500 Ton) Note: Includes spreading, shaping, rough grading, compaction, and watering of imported or stockpiled material by machine.	4.07	
31 24 13 00-0031	TON	Grade And Compact Backfill / Undercut Fill (>500 - 1,000 Ton) Note: Includes spreading, shaping, rough grading, compaction, and watering of imported or stockpiled material by machine.	3.62	
31 24 13 00-0032	TON	Grade And Compact Backfill / Undercut Fill (>1,000 Ton) Note: Includes spreading, shaping, rough grading, compaction, and watering of imported or stockpiled material by machine.	2.56	
31 24 13 00-0033		**Final Grading Of Cut And Fill Areas** *(31 24 13 00-0020)*		
31 24 13 00-0034	SY	Fine Grading Of Parking Lots	1.18	
31 24 13 00-0035	SY	Fine Grading Of Slab On Grade Interiors	1.18	
31 24 13 00-0036	SY	Fine Grading Of Sidewalk And Exterior Slabs	2.27	
31 24 13 00-0037	SY	Fine Grading Of Landscaped And Green Areas	0.63	
31 24 13 00-0038	LF	Fine Grading Of Curb And Gutter	1.63	

31 25 Erosion and Sedimentation Controls *(31 20)*

31 25 14 Stabilization Measures for Erosion and Sedimentation Control *(31 25)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

31 25 14 13 Hydraulically-Applied Erosion Control *(31 25 14)*

31 25 14 13-0001 Bonded Fiber Matrix *(31 25 14 13)*

31 25 14 13-0002	MSF	Up To 25,000 SF Bonded Fiber Matrix, Hydraulically Applied	64.87
31 25 14 13-0003	MSF	>25,000 To 50,000 SF Bonded Fiber Matrix, Hydraulically Applied	59.43
31 25 14 13-0004	MSF	>50,000 To 100,000 SF Bonded Fiber Matrix, Hydraulically Applied	54.82
31 25 14 13-0005	MSF	>100,000 Bonded Fiber Matrix, Hydraulically Applied	52.19

31 25 14 16 Rolled Erosion Control Mats and Blankets *(31 25 14)*

Note: Includes all staples and stakes for erosion control blankets and turf reinforcement mats.

31 25 14 16-0001 Erosion Control Blankets And Turf Reinforcement Mats *(31 25 14 16)*

31 25 14 16-0002 Erosion Control Blankets, Short Term, Light Duty *(31 25 14 16-0001)*

31 25 14 16-0003	SY	S75 Single Net Erosion Control Blanket Note: Straw matrix with degradable thread to a single standard photodegradable polypropylene netting as manufactured by North American Green.	3.68
31 25 14 16-0004	SY	S75BN Single Net Erosion Control Blanket Note: Straw Matrix with Biodegradable Thread to a Single Natural Fiber Netting as manufactured by North American Green.	4.76
31 25 14 16-0005	SY	Curlex 1, Single Net Erosion Control Blanket Note: As manufactured by American Excelsior	3.49
31 25 14 16-0006	SY	Curlex 1, Single Net Erosion Control Blanket Note: As manufactured by American Green.	3.68
31 25 14 16-0007	SY	Futerra Erosion Control Blanket, Wood Fibers With Biodegradable Netting	3.26

31 25 14 16-0008 Erosion Control Blankets, Intermediate Duration *(31 25 14 16-0001)*

31 25 14 16-0009	SY	S150 Double Net Erosion Control Blanket Note: Straw matrix with degradable thread to a double standard photodegradable polypropylene netting as manufactured by North American Green.	4.75
31 25 14 16-0010	SY	S150 BN Double Net Erosion Control Blanket Note: Straw matrix with biodegradable thread to a double natural fiber netting as manufactured by North American Green.	6.43
31 25 14 16-0011	SY	Curlex II, Double Net Erosion Control Blanket, Natural Note: As manufactured by American Excelsior.	3.95
31 25 14 16-0012	SY	Curlex II, Double Net Erosion Control Blanket, Green Note: As manufactured by American Excelsior.	4.14
31 25 14 16-0013	SY	Enforcer Double Net Erosion Control Blanket Note: As manufactured by American Excelsior.	4.42

31 25 14 16-0014 Turf Reinforcement Mats (TRM) *(31 25 14 16-0001)*

Note: Permanent, UV stabilized.

31 25 14 16-0015	SY	P300 Permanent Polypropylene Turf Reinforcement Mat Note: 100% synthetic, UV stabilized, two layer netting.	15.28
31 25 14 16-0016	SY	C350 Permanent Turf Reinforcement Mat Note: 100% synthetic, UV stabilized netting incorporating natural coconut fibers as manufactured by North American Green.	14.11
31 25 14 16-0017	SY	Recyclex TRM, Permanent Turf Reinforcement Mat Note: As manufactured by American Excelsior, 100% recycled	19.70

31 25 14 16-0018 Jute Mesh Erosion Control Blankets *(31 25 14 16-0001)*

31 25 14 16-0019	SY	Jute Mesh, Open Uniform Weave	6.07

31 25 14 16-0020 Revegetation Mat *(31 25 14 16-0001)*

31 25 14 16-0021	SY	3-Dimensional Webbed Revegetation Mat, Polyolefin Fiber Note: Polyolefin fibers oriented and mechanically bonded between two nets. Landlok TRM 450 or equal.	11.53
31 25 14 16-0022	SY	Webbed Revegetation Mat, Polypropylene Fiber Note: Polypropylene fibers positioned between two high strength biaxially oriented nets and mechanically held together by parallel stitching with polypropylene thread. Landlok TRM 1060 or equal.	16.44

31 25 14 23 Stabilization Measures for Erosion Control *(31 25 14)*

See CSI section 01 74 19 00-0064 for hauling greater than 15 miles.

31 25 14 23-0001 Sand Bags *(31 25 14 23)*

Note: Bags filled on site with delivered material. Includes material and placement of bags.

31 25 14 23-0002	BAG	50 LB Capacity Sand Bag With Sand	7.81	3.34
		For >2,500 To 5,000, Deduct	*-0.67*	
		For >5,000, Deduct	*-1.45*	
31 25 14 23-0003	BAG	75 LB Capacity Sand Bag With Sand	10.04	4.15
		For >2,500 To 5,000, Deduct	*-0.83*	
		For >5,000, Deduct	*-1.83*	
31 25 14 23-0004	BAG	100 LB Capacity Sand Bag With Sand	12.59	4.97
		For >2,500 To 5,000, Deduct	*-0.99*	
		For >5,000, Deduct	*-2.25*	
31 25 14 23-0005	BAG	125 LB Capacity Sand Bag With Sand	15.52	6.21
		For >2,500 To 5,000, Deduct	*-1.24*	
		For >5,000, Deduct	*-2.79*	

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MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 25 14 23-0006 BAG 150 LB Capacity Sand Bag With Sand	18.86	7.44
For >2,500 To 5,000, Deduct	*-1.49*	
For >5,000, Deduct	*-3.38*	
31 25 14 23-0007 BAG 175 LB Capacity Sand Bag With Sand	21.93	8.47
For >2,500 To 5,000, Deduct	*-1.69*	
For >5,000, Deduct	*-3.89*	
31 25 14 23-0008 BAG 2,000 LB Capacity Sand Bag With Sand	162.43	56.40
For >2,500 To 5,000, Deduct	*-9.87*	
For >5,000, Deduct	*-26.11*	
31 25 14 23-0009 BAG 3,000 LB Capacity Sand Bag With Sand	209.42	62.04
For >2,500 To 5,000, Deduct	*-10.85*	
For >5,000, Deduct	*-31.80*	

31 25 14 23-0010 Gravel Bags *(31 25 14 23)*

Note: Bags filled on site with delivered material. Includes material and placement of bags.

31 25 14 23-0011 BAG 30 LB Capacity Gravel Bag With Gravel	7.14	2.22
For >2,500 To 5,000, Deduct	*-0.44*	
For >5,000, Deduct	*-1.15*	
31 25 14 23-0012 BAG 50 LB Capacity Gravel Bag With Gravel	12.66	3.34
For >2,500 To 5,000, Deduct	*-0.67*	
For >5,000, Deduct	*-1.93*	

31 25 14 23-0013 Floating Turbidity Curtain *(31 25 14 23)*

Note: Type 2 DOT fabric - 18 oz. nominal laminated vinyl/polyester. EPS flotation, 6 in. x 6 in., 13.5 lb./ft. buoyancy in fresh water and 14.4 lb./ft buoyancy in saltwater.

31 25 14 23-0014 LF 3' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain	28.09	
For Type 1, Deduct	*-4.23*	
For 13 Oz PVC Fabric, Type 2, Deduct	*-2.58*	
For 22 Oz PVC Fabric, Type 2 Heavy Duty, Add	*3.13*	
31 25 14 23-0015 LF 4' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain	30.41	
For Type 1, Deduct	*-4.66*	
For 13 Oz PVC Fabric, Type 2, Deduct	*-2.84*	
For 22 Oz PVC Fabric, Type 2 Heavy Duty, Add	*3.44*	
31 25 14 23-0016 LF 5' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain	33.62	
For Type 1, Deduct	*-5.28*	
For 13 Oz PVC Fabric, Type 2, Deduct	*-3.21*	
For 22 Oz PVC Fabric, Type 2 Heavy Duty, Add	*3.90*	
31 25 14 23-0017 LF 6' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain	36.36	
For Type 1, Deduct	*-5.79*	
For 13 Oz PVC Fabric, Type 2, Deduct	*-3.52*	
For 22 Oz PVC Fabric, Type 2 Heavy Duty, Add	*4.28*	
31 25 14 23-0018 LF 7' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain	38.15	
For Type 1, Deduct	*-6.07*	
For 13 Oz PVC Fabric, Type 2, Deduct	*-3.69*	
For 22 Oz PVC Fabric, Type 2 Heavy Duty, Add	*4.49*	
31 25 14 23-0019 LF 8' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain	39.96	
For Type 1, Deduct	*-6.35*	
For 13 Oz PVC Fabric, Type 2, Deduct	*-3.87*	
For 22 Oz PVC Fabric, Type 2 Heavy Duty, Add	*4.70*	
31 25 14 23-0020 LF 9' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain	42.05	
For Type 1, Deduct	*-6.69*	
For 13 Oz PVC Fabric, Type 2, Deduct	*-4.07*	
For 22 Oz PVC Fabric, Type 2 Heavy Duty, Add	*4.95*	
31 25 14 23-0021 LF 10' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain	44.91	
For Type 1, Deduct	*-7.20*	
For 13 Oz PVC Fabric, Type 2, Deduct	*-4.38*	
For 22 Oz PVC Fabric, Type 2 Heavy Duty, Add	*5.32*	
31 25 14 23-0022 LF 12' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain	47.19	
For Type 1, Deduct	*-7.57*	
For 13 Oz PVC Fabric, Type 2, Deduct	*-4.61*	
For 22 Oz PVC Fabric, Type 2 Heavy Duty, Add	*5.59*	
31 25 14 23-0023 LF 13' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain	50.23	
For Type 1, Deduct	*-8.10*	
For 13 Oz PVC Fabric, Type 2, Deduct	*-4.93*	
For 22 Oz PVC Fabric, Type 2 Heavy Duty, Add	*5.99*	
31 25 14 23-0024 LF 14' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain	53.08	
For Type 1, Deduct	*-8.58*	
For 13 Oz PVC Fabric, Type 2, Deduct	*-5.22*	
For 22 Oz PVC Fabric, Type 2 Heavy Duty, Add	*6.34*	
31 25 14 23-0025 LF 15' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain	55.84	
For Type 1, Deduct	*-9.03*	
For 13 Oz PVC Fabric, Type 2, Deduct	*-5.50*	
For 22 Oz PVC Fabric, Type 2 Heavy Duty, Add	*6.68*	
31 25 14 23-0026 LF 16' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain	60.71	
For Type 1, Deduct	*-9.97*	
For 13 Oz PVC Fabric, Type 2, Deduct	*-6.07*	
For 22 Oz PVC Fabric, Type 2 Heavy Duty, Add	*7.37*	
31 25 14 23-0027 LF 17' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain	63.66	
For Type 1, Deduct	*-10.45*	
For 13 Oz PVC Fabric, Type 2, Deduct	*-6.36*	
For 22 Oz PVC Fabric, Type 2 Heavy Duty, Add	*7.72*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 25 14 23-0028	LF	18' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain	66.54	
		For Type 1, Deduct	*-10.90*	
		For 13 Oz PVC Fabric, Type 2, Deduct	*-6.63*	
		For 22 Oz PVC Fabric, Type 2 Heavy Duty, Add	*8.05*	
31 25 14 23-0029	LF	19' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain	69.58	
		For Type 1, Deduct	*-11.38*	
		For 13 Oz PVC Fabric, Type 2, Deduct	*-6.93*	
		For 22 Oz PVC Fabric, Type 2 Heavy Duty, Add	*8.41*	
31 25 14 23-0030	LF	20' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain	72.54	
		For Type 1, Deduct	*-11.83*	
		For 13 Oz PVC Fabric, Type 2, Deduct	*-7.20*	
		For 22 Oz PVC Fabric, Type 2 Heavy Duty, Add	*8.74*	

31 25 14 23-0031 Turbidity Curtain Anchors *(31 25 14 23)*

31 25 14 23-0032	EA	14 LB, Turbidity Curtain Anchor System Note: Includes anchor, anchor chain, and marker buoy and rope.	739.60	
31 25 14 23-0033	EA	25 LB, Turbidity Curtain Anchor System Note: Includes anchor, anchor chain, and marker buoy and rope.	1,012.22	
31 25 14 23-0034	EA	40 LB, Turbidity Curtain Anchor System Note: Includes anchor, anchor chain, and marker buoy and rope.	1,286.02	
31 25 14 23-0035	EA	65 LB, Turbidity Curtain Anchor System Note: Includes anchor, anchor chain, and marker buoy and rope.	1,680.30	

31 25 14 23-0036 Filter Bags *(31 25 14 23)*

31 25 14 23-0037 Non-Woven Filter Bags *(31 25 14 23-0036)*

31 25 14 23-0038	EA	6' x 15' Non-Woven Filter Bag	253.95	
31 25 14 23-0039	EA	13' x 15' Non-Woven Filter Bag	367.04	
31 25 14 23-0040	EA	15' x 15' Non-Woven Filter Bag	422.50	

31 25 14 23-0041 Monofilament Filter Bags *(31 25 14 23-0036)*

31 25 14 23-0042	EA	5' x 15' Monofilament Filter Bag	263.88	
31 25 14 23-0043	EA	10' x 15' Monofilament Filter Bag	364.84	

31 25 14 23-0044 Cable Articulating Concrete Block *(31 25 14 23)*

Note: 4000 PSI Compressive strength, 12 LB/CF maximum absorption. Interlocking block with longitudinal revetment cable. Includes anchoring block to 12" x 12" x 6" concrete pier every 5' with anchor and filling cells with stockpiled material. Excludes site preparation and imported materials.

31 25 14 23-0045	SF	4.75" Open Cell Articulated Concrete Block With Earth Backfill	46.61	
		For Up To 500, Add	*10.67*	
		For >500 To 1,000, Add	*6.01*	
31 25 14 23-0046	SF	6" Open Cell Articulated Concrete Block With Earth Backfill	52.98	
		For Up To 500, Add	*12.07*	
		For >500 To 1,000, Add	*6.77*	
31 25 14 23-0047	SF	7.5" Open Cell Articulated Concrete Block With Earth Backfill	60.31	
		For Up To 500, Add	*13.68*	
		For >500 To 1,000, Add	*7.65*	
31 25 14 23-0048	SF	9" Open Cell Articulated Concrete Block With Earth Backfill	67.89	
		For Up To 500, Add	*15.37*	
		For >500 To 1,000, Add	*8.59*	
31 25 14 23-0049	SF	4.75" Closed Cell Articulated Concrete Block	49.57	
		For Up To 500, Add	*11.26*	
		For >500 To 1,000, Add	*6.30*	
31 25 14 23-0050	SF	6" Closed Cell Articulated Concrete Block	56.52	
		For Up To 500, Add	*12.77*	
		For >500 To 1,000, Add	*7.12*	
31 25 14 23-0051	SF	7.5" Closed Cell Articulated Concrete Block	64.51	
		For Up To 500, Add	*14.52*	
		For >500 To 1,000, Add	*8.07*	
31 25 14 23-0052	SF	9" Closed Cell Articulated Concrete Block	72.69	
		For Up To 500, Add	*16.33*	
		For >500 To 1,000, Add	*9.07*	

31 25 14 26 Stabilization Measures for Sedimentation Control *(31 25 14)*

31 25 14 26-0001 Silt Fences And Dike Barriers *(31 25 14 26)*

Note: Includes stakes and embedding.

31 25 14 26-0002 Silt Fences 2' High *(31 25 14 26-0001)*

See CSI section 31 25 14 26-0014 for removal of silt fence.

31 25 14 26-0003	LF	2' High Silt Fence with Stakes at 4' On Center	4.49	
31 25 14 26-0004	LF	2' High Silt Fence with Stakes at 6' On Center	3.56	
31 25 14 26-0005	LF	2' High Silt Fence with Stakes at 8' On Center	2.61	
31 25 14 26-0006	LF	2' High Silt Fence with Stakes at 10' On Center	2.31	

31 25 14 26-0007 Silt Fences 3' High *(31 25 14 26-0001)*

See CSI section 31 25 14 26-0014 for removal of silt fence.

31 25 14 26-0008	LF	3' High Silt Fence with Stakes at 4' On Center	5.74	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 25 14 26-0009	LF	3' High Silt Fence with Stakes at 6' On Center	4.71	
31 25 14 26-0010	LF	3' High Silt Fence with Stakes at 8' On Center	3.29	
31 25 14 26-0011	LF	3' High Silt Fence with Stakes at 10' On Center	2.88	
31 25 14 26-0012		Silt Dike Barrier *(31 25 14 26-0001)*		
31 25 14 26-0013	LF	Silt Dike Barrier With Stakes	5.92	
31 25 14 26-0014		Silt Fences Removal *(31 25 14 26-0001)*		
31 25 14 26-0015	LF	Removal Of Silt Fence And Stakes	1.05	
31 25 14 26-0016		Hay And Straw Bales *(31 25 14 26)*		
		Note: Includes trench for placement, and stakes.		
31 25 14 26-0017	LF	Place Sterlized Straw Bales	5.16	
		Note: Includes securing in ground with stakes. See CSI section 31 25 14 26-0019 for removal of straw bale.		
31 25 14 26-0018	LF	Place Hay Bales	4.89	
		Note: Includes securing in ground with stakes. See CSI section 31 25 14 26-0019 for removal of hay bale.		
31 25 14 26-0019	LF	Removal Of Hay Or Straw Bales	1.89	
		Note: Includes removal of stakes.		
31 25 14 26-0020		Sediment Logs (Degradable) *(31 25 14 26)*		
31 25 14 26-0021		Sediment Logs (Degradable) *(31 25 14 26-0020)*		
		Note: Includes stakes and removal after use. Curlex sediment logs as manufactured by American Excelsior.		
31 25 14 26-0022	LF	9" Sediment Fiber Roll Log	8.07	
31 25 14 26-0023	LF	12" Sediment Fiber Roll Log	9.34	
31 25 14 26-0024	LF	20" Sediment Fiber Roll Log	14.72	
31 25 14 26-0025		Wattles (Degradable) With UV Stabilizied Synthetic Netting *(31 25 14 26-0020)*		
		Note: Includes trench for placement, 24" wood staking at 4' on-center		
31 25 14 26-0026	EA	Wattles (Sterile Straw Filled Rolls), 8" x 25'	151.68	
31 25 14 26-0027	EA	Wattles (Sterile Straw Filled Rolls), 9" x 25'	160.32	
31 25 14 26-0028	EA	Wattles (Sterile Straw Filled Rolls), 12" x 20'	174.94	
31 25 14 26-0029	EA	Wattles (Sterile Straw Filled Rolls), 20" x 10'	196.87	
31 25 14 26-0030		Inlet Protection Sediment Bags *(31 25 14 26)*		
		Note: Includes removal, cleaning, and replacement per each location.		
31 25 14 26-0031	EA	2' x 2' x 3' Inlet Protection Sediment Bag	94.64	
31 25 14 26-0032	EA	2' x 3' x 3' Inlet Protection Sediment Bag	110.75	
31 25 14 26-0033	EA	2' x 4' x 3' Inlet Protection Sediment Bag	121.08	

31 30 Earthwork Methods *(31)*

31 31 Soil Treatment *(31 30)*

31 31 16 Termite Control *(31 31)*

31 31 16 13 Chemical Termite Control *(31 31 16)*

31 31 16 13-0001		Commercial Use *(31 31 16 13)*		
31 31 16 13-0002	SF	Termite Pretreatment, Commercial Soil Poisoning Under Slab	1.08	
31 31 16 13-0003	SF	Termite Pretreatment, Commercial Slab And Walls	1.50	
31 31 16 13-0004		Residential Use *(31 31 16 13)*		
31 31 16 13-0005	SF	Termite Pretreatment, Residential General Spraying Walls And Slab	1.47	
31 31 16 13-0006	SF	Termite Treatment, Existing Residential Structure	1.59	

31 31 19 Vegetation Control *(31 31)*

31 31 19 13 Chemical Vegetation Control *(31 31 19)*

31 31 19 13-0001		Soil Sterilants *(31 31 19 13)*		
31 31 19 13-0002	MSF	Soil Sterilant	33.76	
		Note: Use only in areas where complete control of all vegetation is desired, such as industrial sites, right-of-way, lumberyards, petroleum tank farms, around farm buildings, along fence lines, etc. When applied to the soil, this product usually inhibits plant growth for a year or more.		
		For >45 To 90, Deduct	*-0.53*	
		For >90 To 225, Deduct	*-2.74*	
		For >225, Deduct	*-3.79*	

31 32 Soil Stabilization *(31 30)*

31 32 13 Soil Mixing Stabilization *(31 32)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

31 32 13 16 Cement Soil Stabilization *(31 32 13)*

31 32 13 16-0001 Cementitious Soil Binder *(31 32 13 16)*

31 32 13 16-0002	CY	Cementitious Soil Binder, 4% Cement Mix By Volume	43.23
31 32 13 16-0003	CY	Cementitious Soil Binder, 6% Cement Mix By Volume	49.74
31 32 13 16-0004	CY	Cementitious Soil Binder, 9% Cement Mix By Volume	60.46
31 32 13 16-0005	CY	Cementitious Soil Binder, 12% Cement Mix By Volume	71.03

31 32 13 19 Lime Soil Stabilization *(31 32 13)*

Note: Includes delivery up to 15 miles from the closest approved source, the cost for loading, and dumping. The price excludes the cost for spreading or backfilling. See CSI section 01 74 19 00-0064 for hauling greater than 15 miles.

31 32 13 19-0001 Lime Slurry *(31 32 13 19)*

31 32 13 19-0002	LCY	Soil Stabilization With Lime Slurry 10% Lime Slurry By Volume	38.53
31 32 13 19-0003	TON	Cement Stabilized Base Material	135.89
31 32 13 19-0004	CWT	Lime For Soil Stabilization	21.97
		Note: Excludes the cost for spreading or backfilling	
31 32 13 19-0005	LCY	Roller, Grader - Lime Stabilization	18.45
31 32 13 19-0006	LCY	Roller, Grader - Cement Stabilization	4.36

31 32 13 19-0007 Lime Stabilized Subgrade *(31 32 13 19)*

Note: Based on soil weight of 110 LB/CF using lime weight of 5.5 LB/CF (5%).

31 32 13 19-0008	SY	6" Thick Lime Stabilized Subgrade, 25 LB	13.50
		For 4% Lime Instead Of 5%, Deduct	*-0.39*
		For 6% Lime Instead Of 5%, Add	*0.39*
31 32 13 19-0009	SY	7" Thick Lime Stabilized Subgrade, 29 LB	15.65
		For 4% Lime Instead Of 5%, Deduct	*-0.45*
		For 6% Lime Instead Of 5%, Add	*0.45*
31 32 13 19-0010	SY	8" Thick Lime Stabilized Subgrade, 33 LB	17.85
		For 4% Lime Instead Of 5%, Deduct	*-0.51*
		For 6% Lime Instead Of 5%, Add	*0.51*

31 32 13 29 Liquid Soil Stabilization *(31 32 13)*

31 32 13 29-0001	GAL	Polyacrylamide And Calcium Solution	2.99

31 32 19 Geosynthetic Soil Stabilization and Layer Separation *(31 32)*

31 32 19 13 Geogrid Soil Stabilization *(31 32 19)*

31 32 19 13-0001 Geogrid Fabrics *(31 32 19 13)*

Note: For reinforcement of over steepened earth slopes, segmental retaining walls and other mechanically stabilized earth applications.

31 32 19 13-0002	SY	5.3 Ounce/SY, 1,700 LB/FT Wide Width Tensile Ultimate Bi-Directional Woven Polyester Geogrid Fabric (Carthage Mills GX-150)	5.48
		For Up To 50, Add	*1.23*
		For >50 To 150, Add	*0.91*
		For >150 To 250, Add	*0.59*
		For >250 To 500, Add	*0.30*
31 32 19 13-0003	SY	6.9 Ounce/SY, 3,100 LB/FT Wide Width Tensile Ultimate Bi-Directional Woven Polyester Geogrid Fabric (Carthage Mills GX-300)	6.25
		For Up To 50, Add	*1.39*
		For >50 To 150, Add	*1.03*
		For >150 To 250, Add	*0.67*
		For >250 To 500, Add	*0.34*
31 32 19 13-0004	SY	8.7 Ounce/SY, 4,280 LB/FT Wide Width Tensile Ultimate Bi-Directional Woven Polyester Geogrid Fabric (Carthage Mills GX-500)	6.82
		For Up To 50, Add	*1.51*
		For >50 To 150, Add	*1.12*
		For >150 To 250, Add	*0.73*
		For >250 To 500, Add	*0.36*
31 32 19 13-0005	SY	12.6 Ounce/SY, 7,315 LB/FT Wide Width Tensile Ultimate Bi-Directional Woven Polyester Geogrid Fabric (Carthage Mills GX-800)	9.81
		For Up To 50, Add	*2.11*
		For >50 To 150, Add	*1.57*
		For >150 To 250, Add	*1.03*
		For >250 To 500, Add	*0.52*
31 32 19 13-0006	SY	14.1 Ounce/SY, 9,790 LB/FT Wide Width Tensile Ultimate Bi-Directional Woven Polyester Geogrid Fabric (Carthage Mills GX-1000)	11.22
		For Up To 50, Add	*2.40*
		For >50 To 150, Add	*1.79*
		For >150 To 250, Add	*1.17*
		For >250 To 500, Add	*0.59*
31 32 19 13-0007	SY	4.3 Ounce/SY, 1,658 LB/FT Wide Width Tensile Ultimate Bi-Axial Extruded Polypropylene Geogrid Fabric (Carthage Mills Enkagrid Max 20)	5.57
		For Up To 50, Add	*1.24*
		For >50 To 150, Add	*0.92*
		For >150 To 250, Add	*0.60*
		For >250 To 500, Add	*0.30*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 32 19 13-0008	SY	5.9 Ounce/SY, 2,192 LB/FT Wide Width Tensile Ultimate Bi-Axial Extruded Polypropylene Geogrid Fabric (Carthage Mills Enkagrid Max 30)	8.19	
		For Up To 50, Add	*1.77*	
		For >50 To 150, Add	*1.32*	
		For >150 To 250, Add	*0.86*	
		For >250 To 500, Add	*0.43*	

31 32 19 16 Geotextile Soil Stabilization *(31 32 19)*

31 32 19 16-0001 Nonwoven Polypropylene Geotextiles *(31 32 19 16)*

Note: For drainage, filtration and separation.

31 32 19 16-0002	SY	3.0 Ounce/SY, 40 Mil, 80 LB Grab Tensile Nonwoven Polypropylene Geotextile Fabric (Carthage Mills FX-30HS)	1.71	
		For Up To 50, Add	*0.39*	
		For >50 To 150, Add	*0.29*	
		For >150 To 250, Add	*0.19*	
		For >250 To 500, Add	*0.09*	
31 32 19 16-0003	SY	3.5 Ounce/SY, 50 Mil, 95 LB Grab Tensile Nonwoven Polypropylene Geotextile Fabric (Carthage Mills FX-35HS)	1.83	
		For Up To 50, Add	*0.42*	
		For >50 To 150, Add	*0.31*	
		For >150 To 250, Add	*0.20*	
		For >250 To 500, Add	*0.10*	
31 32 19 16-0004	SY	4.0 Ounce/SY, 60 Mil, 115 LB Grab Tensile Nonwoven Polypropylene Geotextile Fabric (Carthage Mills FX-40HS)	1.98	
		For Up To 50, Add	*0.45*	
		For >50 To 150, Add	*0.33*	
		For >150 To 250, Add	*0.22*	
		For >250 To 500, Add	*0.11*	
31 32 19 16-0005	SY	4.5 Ounce/SY, 55 Mil, 120 LB Grab Tensile Nonwoven Polypropylene Geotextile Fabric (Carthage Mills FX-45HS)	2.13	
		For Up To 50, Add	*0.48*	
		For >50 To 150, Add	*0.35*	
		For >150 To 250, Add	*0.23*	
		For >250 To 500, Add	*0.12*	
31 32 19 16-0006	SY	6.0 Ounce/SY, 70 Mil, 160 LB Grab Tensile Nonwoven Polypropylene Geotextile Fabric (Carthage Mills FX-60HS)	2.53	
		For Up To 50, Add	*0.56*	
		For >50 To 150, Add	*0.41*	
		For >150 To 250, Add	*0.27*	
		For >250 To 500, Add	*0.14*	
31 32 19 16-0007	SY	7.0 Ounce/SY, 85 Mil, 180 LB Grab Tensile Nonwoven Polypropylene Geotextile Fabric (Carthage Mills FX-70HS)	2.96	
		For Up To 50, Add	*0.66*	
		For >50 To 150, Add	*0.49*	
		For >150 To 250, Add	*0.32*	
		For >250 To 500, Add	*0.16*	
31 32 19 16-0008	SY	8.0 Ounce/SY, 85 Mil, 205 LB Grab Tensile Nonwoven Polypropylene Geotextile Fabric (Carthage Mills FX-80HS)	3.26	
		For Up To 50, Add	*0.72*	
		For >50 To 150, Add	*0.53*	
		For >150 To 250, Add	*0.35*	
		For >250 To 500, Add	*0.17*	
31 32 19 16-0009	SY	10 Ounce/SY, 115 Mil, 250 LB Grab Tensile Nonwoven Polypropylene Geotextile Fabric (Carthage Mills FX-100HS)	4.02	
		For Up To 50, Add	*0.87*	
		For >50 To 150, Add	*0.65*	
		For >150 To 250, Add	*0.42*	
		For >250 To 500, Add	*0.21*	

31 32 19 16-0010 Woven Geotextiles Fabric *(31 32 19 16)*

31 32 19 16-0011	SY	200 LB Grab Tensile Woven Slit Film Geotextile Fabric (Carthage Mills FX-55)	2.47	
		For Up To 50, Add	*0.55*	
		For >50 To 150, Add	*0.40*	
		For >150 To 250, Add	*0.26*	
		For >250 To 500, Add	*0.13*	
31 32 19 16-0012	SY	315 LB Grab Tensile Woven Slit Film Geotextile Fabric (Carthage Mills FX-66)	3.46	
		For Up To 50, Add	*0.74*	
		For >50 To 150, Add	*0.55*	
		For >150 To 250, Add	*0.36*	
		For >250 To 500, Add	*0.18*	
31 32 19 16-0013	SY	4 To 6% Open Area, 370 x 250 LB Grab Tensile Woven Monofilament Geotextile Fabric (Carthage Mills Carthage 6%)	6.10	
		For Up To 50, Add	*1.28*	
		For >50 To 150, Add	*0.96*	
		For >150 To 250, Add	*0.63*	
		For >250 To 500, Add	*0.32*	
31 32 19 16-0014	SY	11 To 15% Open Area, 370 x 220 LB Grab Tensile Woven Monofilament Geotextile Fabric (Carthage Mills Carthage 15%)	5.95	
		For Up To 50, Add	*1.25*	
		For >50 To 150, Add	*0.93*	
		For >150 To 250, Add	*0.62*	
		For >250 To 500, Add	*0.31*	
31 32 19 16-0015	SY	6.9 Oz/SY, 250 LB/IN Wide Width Tensile Ultimate Woven Twill Weave Geotextile Fabric (Carthage Mills FX-250TF)	5.20	
		For Up To 50, Add	*1.10*	
		For >50 To 150, Add	*0.82*	
		For >150 To 250, Add	*0.54*	
		For >250 To 500, Add	*0.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 32 19 16-0016	SY	9.1 Oz/SY, 333 LB/IN Wide Width Tensile Ultimate Woven Twill Weave Geotextile Fabric (Carthage Mills FX-330TF)	5.56	
		For Up To 50, Add	*1.18*	
		For >50 To 150, Add	*0.88*	
		For >150 To 250, Add	*0.58*	
		For >250 To 500, Add	*0.29*	
31 32 19 16-0017	SY	12.1 Oz/SY, 400 LB/IN Wide Width Tensile Ultimate Woven Twill Weave Geotextile Fabric (Carthage Mills FX-400TF)	7.10	
		For Up To 50, Add	*1.48*	
		For >50 To 150, Add	*1.11*	
		For >150 To 250, Add	*0.73*	
		For >250 To 500, Add	*0.37*	
31 32 19 16-0018	SY	12.1 Oz/SY, 400 LB/IN Wide Width Tensile Ultimate Woven Monofilament And Fibrillated Geotextile Fabric (Carthage Mills FX-400MF)	10.12	
		For Up To 50, Add	*2.09*	
		For >50 To 150, Add	*1.56*	
		For >150 To 250, Add	*1.03*	
		For >250 To 500, Add	*0.52*	

31 32 19 16-0019 Geomembranes *(31 32 19 16)*

31 32 19 16-0020 Polyvinyl Chloride (PVC) Geomembrane *(31 32 19 16-0019)*

31 32 19 16-0021	SF	20 Mil Polyvinyl Chloride (PVC) Geomembrane (US Fabrics)	1.49
31 32 19 16-0022	SF	30 Mil Polyvinyl Chloride (PVC) Geomembrane (US Fabrics)	1.72
31 32 19 16-0023	SF	40 Mil Polyvinyl Chloride (PVC) Geomembrane (US Fabrics)	2.08
31 32 19 16-0024	SF	50 Mil Polyvinyl Chloride (PVC) Geomembrane (US Fabrics)	2.49
31 32 19 16-0025	SF	60 Mil Polyvinyl Chloride (PVC) Geomembrane (US Fabrics)	2.84
31 32 19 16-0026	SF	70 Mil Polyvinyl Chloride (PVC) Geomembrane (US Fabrics)	3.10
31 32 19 16-0027	SF	80 Mil Polyvinyl Chloride (PVC) Geomembrane (US Fabrics)	3.36
31 32 19 16-0028	SF	90 Mil Polyvinyl Chloride (PVC) Geomembrane (US Fabrics)	3.72
31 32 19 16-0029	SF	100 Mil Polyvinyl Chloride (PVC) Geomembrane (US Fabrics)	4.06

31 32 19 16-0030 High Density Polyethylene (HDPE) Geomembrane *(31 32 19 16-0019)*

31 32 19 16-0031	SF	20 Mil High Density Polyethylene Membrane (US Fabrics)	1.46
31 32 19 16-0032	SF	30 Mil High Density Polyethylene Membrane (US Fabrics)	0.97
31 32 19 16-0033	SF	40 Mil High Density Polyethylene Membrane (US Fabrics)	1.07
31 32 19 16-0034	SF	50 Mil High Density Polyethylene Membrane (US Fabrics)	1.52
31 32 19 16-0035	SF	60 Mil High Density Polyethylene Membrane (US Fabrics)	1.26
31 32 19 16-0036	SF	80 Mil High Density Polyethylene Membrane (US Fabrics)	1.46
31 32 19 16-0037	SF	100 Mil High Density Polyethylene Membrane (US Fabrics)	1.67
31 32 19 16-0038	SF	120 Mil High Density Polyethylene Membrane (US Fabrics)	2.71
31 32 19 16-0039	SF	140 Mil High Density Polyethylene Membrane (US Fabrics)	2.80

31 32 19 26 Geoweb Cellular Confinement System *(31 32 19)*

Note: Includes staples, stakes and filling cells with stockpiled material. Excludes site preparation and imported materials.

31 32 19 26-0001 Geoweb Cellular Confinement System *(31 32 19 26)*

Note: Includes staples, stakes and filling cells with stockpiled material. Excludes site preparation and imported materials.

31 32 19 26-0002	SF	4" Geoweb Cellular Confinement System (Presto Geosystems)	8.09
		For >20,000, Deduct	*-0.19*
		For >2:1 Slope, Add	*1.41*
31 32 19 26-0003	SF	6" Geoweb Cellular Confinement System (Presto Geosystems)	9.81
		For >20,000, Deduct	*-0.28*
		For >2:1 Slope, Add	*1.41*
31 32 19 26-0004	SF	8" Geoweb Cellular Confinement System (Presto Geosystems)	11.86
		For >20,000, Deduct	*-0.38*
		For >2:1 Slope, Add	*1.41*

31 35 Slope Protection *(31 30)*

31 35 19 Geosynthetic Slope Protection *(31 35)*

31 35 19 19 Slope Protection with Mulch Control Netting *(31 35 19)*

31 35 19 19-0001 Erosion Control Fabric *(31 35 19 19)*

31 35 19 19-0002	SY	26.6 OZ/SY Erosion Control Fabric (Belton Industries Geocoir 900)	5.51

31 36 Gabions *(31 30)*

Note: Includes the cost for loading, hauling up to 15 miles from the closest approved source, unloading and placing. See CSI section 01 74 19 00-0064 for hauling greater than 15 miles.

31 36 13 Gabion Boxes *(31 36)*

31 36 13 00-0001 Stone Filled Gabion Slope Protection *(31 36 13)*

Note: Machine placed by SY of total top face area for depth indicated.

31 36 13 00-0002	SY	6" Deep Stone Filled Gabion Slope Protection	81.18
31 36 13 00-0003	SY	9" Deep Stone Filled Gabion Slope Protection	95.80
31 36 13 00-0004	SY	12" Deep Stone Filled Gabion Slope Protection	115.51

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 36 13 00-0005	SY	15" Deep Stone Filled Gabion Slope Protection	136.47	
31 36 13 00-0006	SY	18" Deep Stone Filled Gabion Slope Protection	160.25	
31 36 13 00-0007	SY	24" Deep Stone Filled Gabion Slope Protection	219.33	
31 36 13 00-0008	SY	36" Deep Stone Filled Gabion Slope Protection	277.20	

31 37 Riprap *(31 30)*

Note: Includes the cost for loading, hauling up to 15 miles from the closest approved source, and dumping. See CSI section 01 74 19 00-0064 for hauling greater than 15 miles.

31 37 13 Machined Riprap *(31 37)*

31 37 13 00-0001 Random - Filter Stone *(31 37 13)*

31 37 13 00-0002	CY	10 To 50 LB Average Pieces Random, Dumped From Truck, Rip Rap	88.94	
		For Chinking Material, Add	*14.01*	
31 37 13 00-0003	CY	>50 To 100 LB Average Pieces Random, Dumped From Truck, Rip Rap	104.42	
		For Chinking Material, Add	*14.01*	
31 37 13 00-0004	CY	>100 To 200 LB Average Pieces Random, Dumped From Truck, Rip Rap	111.71	
		For Chinking Material, Add	*14.01*	
31 37 13 00-0005	CY	>200 To 300 LB Average Pieces Random, Dumped From Truck, Rip Rap	120.01	
		For Chinking Material, Add	*14.01*	
31 37 13 00-0006	CY	>300 To 600 LB Average Pieces Random, Dumped From Truck, Rip Rap	126.70	
		For Chinking Material, Add	*14.01*	
31 37 13 00-0007	CY	>600 LB Average Pieces Random, Dumped From Truck, Rip Rap	137.64	
31 37 13 00-0008	CY	3/8 To 1/4 CY Pieces Random, Dumped From Truck, Machine Spread And Placed Slope Protection (Keyed) Rip Rap	156.86	
31 37 13 00-0009	TON	10 To 50 LB Average Pieces Random, Dumped From Truck, Rip Rap	58.32	
31 37 13 00-0010	TON	>50 To 100 LB Average Pieces Random, Dumped From Truck, Rip Rap	68.14	
31 37 13 00-0011	TON	>100 To 200 LB Average Pieces Random, Dumped From Truck, Rip Rap	72.77	
31 37 13 00-0012	TON	>200 To 300 LB Average Pieces Random, Dumped From Truck, Rip Rap	78.04	
31 37 13 00-0013	TON	>300 To 600 LB Average Pieces Random, Dumped From Truck, Rip Rap	82.29	
31 37 13 00-0014	TON	>600 LB Average Pieces Random, Dumped From Truck, Rip Rap	89.32	
31 37 13 00-0015	TON	3/8 To 1/4 CY Pieces Random, Dumped From Truck, Machine Spread And Placed Slope Protection (Keyed) Rip Rap	104.91	

31 40 Shoring and Underpinning *(31)*

31 41 Shoring *(31 40)*

31 41 13 Timber Shoring *(31 41)*

31 41 13 00-0001 Wood Sheet Piling *(31 41 13)*

31 41 13 00-0002 Pull And Salvage *(31 41 13 00-0001)*

Note: Includes soldier beams and lagging (wales, braces and spacers). Excludes tie-backs (rock bolting) where required.

31 41 13 00-0003	SF	8' Deep Excavation, Wood Shoring, Pull And Salvage	15.43	
		For Wood Sheeting Left In Place	*-1.72*	
31 41 13 00-0004	SF	10' Deep Excavation, Wood Shoring, Pull And Salvage	16.70	
		For Wood Sheeting Left In Place	*-1.98*	
31 41 13 00-0005	SF	12' Deep Excavation, Wood Shoring, Pull And Salvage	18.11	
		For Wood Sheeting Left In Place	*-2.25*	
31 41 13 00-0006	SF	14' Deep Excavation, Wood Shoring, Pull And Salvage	19.63	
		For Wood Sheeting Left In Place	*-2.57*	
31 41 13 00-0007	SF	16' Deep Excavation, Wood Shoring, Pull And Salvage	21.28	
		For Wood Sheeting Left In Place	*-2.91*	
31 41 13 00-0008	SF	18' Deep Excavation, Wood Shoring, Pull And Salvage	23.07	
		For Wood Sheeting Left In Place	*-3.29*	
31 41 13 00-0009	SF	20' Deep Excavation, Wood Shoring, Pull And Salvage	25.04	
		For Wood Sheeting Left In Place	*-3.71*	

31 41 16 Sheet Piling *(31 41)*

31 41 16 13 Steel Sheet Piling *(31 41 16)*

31 41 16 13-0001 Standard Carbon Grade Steel Sheeting - Pull And Salvage *(31 41 16 13)*

Note: Up to 3 months. 38.5 KSI steel per SF minimum. PSF indicated is for the weight of the material per square foot. Includes soldier beams and lagging (wales, braces and spacers). Excludes tie-backs (rock bolting) where required.

31 41 16 13-0002	TON	Driven Steel Sheet Piling, 15' Excavation, 22 PSF Steel Sheeting, Pull And Salvage	2,154.06	
		For Standard Sheeting Left In Place, Add	*1,250.73*	
		For Lightweight Steel Sheeting 8.6 And 9.2 PSF Left In Place, Add	*1,205.09*	
		For High Strength Sheeting 45,000 To 50,000 PSI Grade, Add	*102.70*	
		For High Strength Sheeting 55,000 PSI Grade, Add	*114.11*	
		For Lightweight Steel Sheeting 8.6 And 9.2 PSF, Add	*353.73*	
		For Each Additional Month >3 Months, Add	*57.05*	
31 41 16 13-0003	TON	Driven Steel Sheet Piling, 20' Excavation, 27 PSF Steel Sheeting, Pull And Salvage	2,239.37	
		For Standard Sheeting Left In Place, Add	*1,208.08*	
		For Lightweight Steel Sheeting 8.6 And 9.2 PSF Left In Place, Add	*1,162.44*	
		For High Strength Sheeting 45,000 To 50,000 PSI Grade, Add	*102.70*	
		For High Strength Sheeting 55,000 PSI Grade, Add	*114.11*	
		For Lightweight Steel Sheeting 8.6 And 9.2 PSF, Add	*353.73*	
		For Each Additional Month >3 Months, Add	*57.05*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 41 16 13-0004	TON	Driven Steel Sheet Piling, 25' Excavation, 38 PSF Steel Sheeting, Pull And Salvage	2,636.00	
		For Standard Sheeting Left In Place, Add	*1,009.76*	
		For Lightweight Steel Sheeting 8.6 And 9.2 PSF Left In Place, Add	*964.12*	
		For High Strength Sheeting 45,000 To 50,000 PSI Grade, Add	*102.70*	
		For High Strength Sheeting 55,000 PSI Grade, Add	*114.11*	
		For Lightweight Steel Sheeting 8.6 And 9.2 PSF, Add	*353.73*	
		For Each Additional Month >3 Months, Add	*57.05*	
31 41 16 13-0005	TON	Driven Steel Sheet Piling, 30' Excavation, 38 PSF Steel Sheeting, Pull And Salvage	3,017.66	
		For Standard Sheeting Left In Place, Add	*818.93*	
		For Lightweight Steel Sheeting 8.6 And 9.2 PSF Left In Place, Add	*773.29*	
		For High Strength Sheeting 45,000 To 50,000 PSI Grade, Add	*102.70*	
		For High Strength Sheeting 55,000 PSI Grade, Add	*114.11*	
		For Lightweight Steel Sheeting 8.6 And 9.2 PSF, Add	*353.73*	
		For Each Additional Month >3 Months, Add	*57.05*	
31 41 16 13-0006	TON	Driven Steel Sheet Piling, 35' Excavation, 38 PSF Steel Sheeting, Pull And Salvage	3,242.17	
		For Standard Sheeting Left In Place, Add	*706.68*	
		For Lightweight Steel Sheeting 8.6 And 9.2 PSF Left In Place, Add	*661.04*	
		For High Strength Sheeting 45,000 To 50,000 PSI Grade, Add	*102.70*	
		For High Strength Sheeting 55,000 PSI Grade, Add	*114.11*	
		For Lightweight Steel Sheeting 8.6 And 9.2 PSF, Add	*353.73*	
		For Each Additional Month >3 Months, Add	*57.05*	
31 41 16 13-0007	TON	Driven Steel Sheet Piling, 40' Excavation, 38 PSF Steel Sheeting, Pull And Salvage	3,471.17	
		For Standard Sheeting Left In Place, Add	*592.18*	
		For Lightweight Steel Sheeting 8.6 And 9.2 PSF Left In Place, Add	*546.54*	
		For High Strength Sheeting 45,000 To 50,000 PSI Grade, Add	*102.70*	
		For High Strength Sheeting 55,000 PSI Grade, Add	*114.11*	
		For Lightweight Steel Sheeting 8.6 And 9.2 PSF, Add	*353.73*	
		For Each Additional Month >3 Months, Add	*57.05*	

31 43 Concrete Raising *(31 40)*

31 43 13 Pressure Grouting *(31 43)*

31 43 13 16 Polyurethane Pressure Grouting *(31 43 13)*

31 43 13 16-0001 PolyLift™ Concrete Injection For Lifting And Leveling *(31 43 13 16)*

31 43 13 16-0002	EA	Mobilization PolyLift™ Concrete Lifting And Leveling Minimum Charge	3,493.34
31 43 13 16-0003	LB	Up To 1,000 Lbs PolyLift™ Concrete Injection For Lifting And Leveling Note: Per pound of material.	31.64
31 43 13 16-0004	LB	>1,000 Lbs PolyLift™ Concrete Injection For Lifting And Leveling Note: Per pound of material.	26.51

31 45 Vibroflotation and Densification *(31 40)*

31 45 13 Vibroflotation *(31 45)*

31 45 13 00-0001	LCY	Soil Stabilization, Vibroflotation	17.99

END OF SECTION 31

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

32 Exterior Improvements

32 01 Operation and Maintenance of Exterior Improvements *(32)*

32 01 11 Paving Cleaning *(32 01)*

32 01 11 53 Paint Removal from Paving *(32 01 11)*

32 01 11 53-0001 Remove Painted Or Epoxy Pavement Markings *(32 01 11 53)*

Note: Includes stripe removal by grinding, vacuuming of removed striped area and containment of debris.

32 01 11 53-0002	LF	Removal Of 4" Wide Painted Or Epoxy Pavement Striping	2.61	
		For Up To 250, Add	*1.31*	
		For >250 To 1,000, Add	*0.65*	
		For >5,000 To 10,000, Deduct	*-0.39*	
		For >10,000 To 25,000, Deduct	*-0.65*	
		For >25,000 To 50,000, Deduct	*-0.91*	
		For >50,000, Deduct	*-1.04*	
32 01 11 53-0003	LF	Removal Of 6" Wide Painted Or Epoxy Pavement Striping	3.14	
		For Up To 250, Add	*1.57*	
		For >250 To 1,000, Add	*0.79*	
		For >5,000 To 10,000, Deduct	*-0.47*	
		For >10,000 To 25,000, Deduct	*-0.79*	
		For >25,000 To 50,000, Deduct	*-1.10*	
		For >50,000, Deduct	*-1.26*	
32 01 11 53-0004	LF	Removal Of 8" Wide Painted Or Epoxy Pavement Striping	3.76	
		For Up To 250, Add	*1.88*	
		For >250 To 1,000, Add	*0.94*	
		For >5,000 To 10,000, Deduct	*-0.56*	
		For >10,000 To 25,000, Deduct	*-0.94*	
		For >25,000 To 50,000, Deduct	*-1.32*	
		For >50,000, Deduct	*-1.50*	
32 01 11 53-0005	LF	Removal Of 12" Wide Painted Or Epoxy Pavement Striping	4.51	
		For Up To 250, Add	*2.26*	
		For >250 To 1,000, Add	*1.13*	
		For >5,000 To 10,000, Deduct	*-0.68*	
		For >10,000 To 25,000, Deduct	*-1.13*	
		For >25,000 To 50,000, Deduct	*-1.58*	
		For >50,000, Deduct	*-1.80*	
32 01 11 53-0006	SF	Removal Of Painted Or Epoxy Pavement Marking, Letters Or Symbols	4.51	
		For Up To 250, Add	*2.26*	
		For >250 To 1,000, Add	*1.13*	
		For >5,000 To 10,000, Deduct	*-0.68*	
		For >10,000 To 25,000, Deduct	*-1.13*	
		For >25,000 To 50,000, Deduct	*-1.58*	
		For >50,000, Deduct	*-1.80*	
32 01 11 53-0007	LF	Removal Of 4" Wide Thermoplastic Pavement Striping	3.37	
		For Up To 250, Add	*1.69*	
		For >250 To 1,000, Add	*0.84*	
		For >5,000 To 10,000, Deduct	*-0.51*	
		For >10,000 To 25,000, Deduct	*-0.84*	
		For >25,000 To 50,000, Deduct	*-1.18*	
		For >50,000, Deduct	*-1.35*	
32 01 11 53-0008	LF	Removal Of 6" Wide Thermoplastic Pavement Striping	3.97	
		For Up To 250, Add	*1.99*	
		For >250 To 1,000, Add	*0.99*	
		For >5,000 To 10,000, Deduct	*-0.60*	
		For >10,000 To 25,000, Deduct	*-0.99*	
		For >25,000 To 50,000, Deduct	*-1.39*	
		For >50,000, Deduct	*-1.59*	
32 01 11 53-0009	LF	Removal Of 8" Wide Thermoplastic Pavement Striping	4.79	
		For Up To 250, Add	*2.40*	
		For >250 To 1,000, Add	*1.20*	
		For >5,000 To 10,000, Deduct	*-0.72*	
		For >10,000 To 25,000, Deduct	*-1.20*	
		For >25,000 To 50,000, Deduct	*-1.68*	
		For >50,000, Deduct	*-1.92*	
32 01 11 53-0010	LF	Removal Of 12" Wide Thermoplastic Pavement Striping	5.74	
		For Up To 250, Add	*2.87*	
		For >250 To 1,000, Add	*1.44*	
		For >5,000 To 10,000, Deduct	*-0.86*	
		For >10,000 To 25,000, Deduct	*-1.44*	
		For >25,000 To 50,000, Deduct	*-2.01*	
		For >50,000, Deduct	*-2.30*	
32 01 11 53-0011	SF	Removal Of Thermoplastic Pavement Marking, Letters Or Symbols	5.74	
		For Up To 250, Add	*2.87*	
		For >250 To 1,000, Add	*1.44*	
		For >5,000 To 10,000, Deduct	*-0.86*	
		For >10,000 To 25,000, Deduct	*-1.44*	
		For >25,000 To 50,000, Deduct	*-2.01*	
		For >50,000, Deduct	*-2.30*	

32 01 13 Flexible Paving Surface Treatment *(32 01)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 01 13 61		**Slurry Seal (Latex Modified)** *(32 01 13)*		
32 01 13 61-0001		Asphalt Seal Coating, For Roads And Parking Lot *(32 01 13 61)* Note: Includes sweeping and cleaning of area.		
32 01 13 61-0002	EA	Asphalt Seal Coating Minimum Charge Note: For projects where the total charges are less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	884.64	
32 01 13 61-0003	SY	Up To 500 SY, Type II Slurry Seal Asphalt Coating, Per Coat Note: 1/4" thick, 14 to 18 Lbs/SY.	4.74	
		For Tire Rubber Modified Slurry Seal (TRMSS), Add	*0.33*	
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	*0.39*	
		For Rubberized Polymer Modified Emulsion (RPME), Add	*0.49*	
		For Each 0.5% Of Latex Addition, Add	*0.45*	
32 01 13 61-0004	SY	>500 To 1,000 SY, Type II Slurry Seal Asphalt Coating, Per Coat Note: 1/4" thick, 14 to 18 Lbs/SY.	4.44	
		For Tire Rubber Modified Slurry Seal (TRMSS), Add	*0.31*	
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	*0.37*	
		For Rubberized Polymer Modified Emulsion (RPME), Add	*0.47*	
		For Each 0.5% Of Latex Addition, Add	*0.45*	
32 01 13 61-0005	SY	>1,000 To 5,000 SY, Type II Slurry Seal Asphalt Coating, Per Coat Note: 1/4" thick, 14 to 18 Lbs/SY.	4.20	
		For Tire Rubber Modified Slurry Seal (TRMSS), Add	*0.30*	
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	*0.36*	
		For Rubberized Polymer Modified Emulsion (RPME), Add	*0.46*	
		For Each 0.5% Of Latex Addition, Add	*0.45*	
32 01 13 61-0006	SY	>5,000 To 20,000 SY, Type II Slurry Seal Asphalt Coating, Per Coat Note: 1/4" thick, 14 to 18 Lbs/SY.	3.99	
		For Tire Rubber Modified Slurry Seal (TRMSS), Add	*0.29*	
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	*0.35*	
		For Rubberized Polymer Modified Emulsion (RPME), Add	*0.45*	
		For Each 0.5% Of Latex Addition, Add	*0.45*	
32 01 13 61-0007	SY	>20,000 To 50,000 SY, Type II Slurry Seal Asphalt Coating, Per Coat Note: 1/4" thick, 14 to 18 Lbs/SY.	3.79	
		For Tire Rubber Modified Slurry Seal (TRMSS), Add	*0.28*	
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	*0.34*	
		For Rubberized Polymer Modified Emulsion (RPME), Add	*0.44*	
		For Each 0.5% Of Latex Addition, Add	*0.45*	
32 01 13 61-0008	SY	>50,000 SY, Type II Slurry Seal Asphalt Coating, Per Coat Note: 1/4" thick, 14 to 18 Lbs/SY.	3.61	
		For Tire Rubber Modified Slurry Seal (TRMSS), Add	*0.27*	
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	*0.33*	
		For Rubberized Polymer Modified Emulsion (RPME), Add	*0.43*	
		For Each 0.5% Of Latex Addition, Add	*0.45*	
32 01 13 61-0009	SY	Up To 500 SY, Type III Slurry Seal Asphalt Coating, Per Coat Note: 3/8" thick, 25 to 30 Lbs/SY.	6.00	
		For Tire Rubber Modified Slurry Seal (TRMSS), Add	*0.34*	
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	*0.40*	
		For Rubberized Polymer Modified Emulsion (RPME), Add	*0.50*	
		For Each 0.5% Of Latex Addition, Add	*0.73*	
32 01 13 61-0010	SY	>500 To 1,000 SY, Type III Slurry Seal Asphalt Coating, Per Coat Note: 3/8" thick, 25 to 30 Lbs/SY.	5.68	
		For Tire Rubber Modified Slurry Seal (TRMSS), Add	*0.32*	
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	*0.38*	
		For Rubberized Polymer Modified Emulsion (RPME), Add	*0.48*	
		For Each 0.5% Of Latex Addition, Add	*0.73*	
32 01 13 61-0011	SY	>1,000 To 5,000 SY, Type III Slurry Seal Asphalt Coating, Per Coat Note: 3/8" thick, 25 to 30 Lbs/SY.	5.42	
		For Tire Rubber Modified Slurry Seal (TRMSS), Add	*0.31*	
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	*0.37*	
		For Rubberized Polymer Modified Emulsion (RPME), Add	*0.47*	
		For Each 0.5% Of Latex Addition, Add	*0.73*	
32 01 13 61-0012	SY	>5,000 To 20,000 SY, Type III Slurry Seal Asphalt Coating, Per Coat Note: 3/8" thick, 25 to 30 Lbs/SY.	5.19	
		For Tire Rubber Modified Slurry Seal (TRMSS), Add	*0.30*	
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	*0.36*	
		For Rubberized Polymer Modified Emulsion (RPME), Add	*0.46*	
		For Each 0.5% Of Latex Addition, Add	*0.73*	
32 01 13 61-0013	SY	>20,000 To 50,000 SY, Type III Slurry Seal Asphalt Coating, Per Coat Note: 3/8" thick, 25 to 30 Lbs/SY.	4.97	
		For Tire Rubber Modified Slurry Seal (TRMSS), Add	*0.29*	
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	*0.35*	
		For Rubberized Polymer Modified Emulsion (RPME), Add	*0.45*	
		For Each 0.5% Of Latex Addition, Add	*0.73*	
32 01 13 61-0014	SY	>50,000 SY, Type III Slurry Seal Asphalt Coating, Per Coat Note: 3/8" thick, 25 to 30 Lbs/SY.	4.78	
		For Tire Rubber Modified Slurry Seal (TRMSS), Add	*0.28*	
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	*0.34*	
		For Rubberized Polymer Modified Emulsion (RPME), Add	*0.44*	
		For Each 0.5% Of Latex Addition, Add	*0.73*	
32 01 13 62		**Asphalt Surface Treatment** *(32 01 13)*		
32 01 13 62-0001		Polymer-Modified, Microsurfacing Emulsion (MSE Microsurfacing) *(32 01 13 62)* Note: Use a blend of emulsified quick-set polymer-modified emulsion asphalt and latex-based polymer. Includes sweeping and cleaning of area.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 01 13 62-0002	SY	Up To 200 SY, 3/8" Polymer-Modified Microsurfacing Emulsion (MSE)	10.77	
32 01 13 62-0003	SY	Up To 500 SY, 3/8" Polymer-Modified Microsurfacing Emulsion (MSE)	10.26	
32 01 13 62-0004	SY	>500 To 1,000 SY, 3/8" Polymer-Modified Microsurfacing Emulsion (MSE)	9.82	
32 01 13 62-0005	SY	>1,000 To 5,000 SY, 3/8" Polymer-Modified Microsurfacing Emulsion (MSE)	9.44	
32 01 13 62-0006	SY	>5,000 To 10,000 SY, 3/8" Polymer-Modified Microsurfacing Emulsion (MSE)	9.10	
32 01 13 62-0007	SY	>10,000 To 20,000 SY, 3/8" Polymer-Modified Microsurfacing Emulsion (MSE)	8.81	
32 01 13 62-0008	SY	>20,000 To 50,000 SY, 3/8" Polymer-Modified Microsurfacing Emulsion (MSE)	8.59	
32 01 13 62-0009	SY	>50,000 SY, 3/8" Polymer-Modified Microsurfacing Emulsion (MSE)	8.48	

32 01 16 Flexible Paving Rehabilitation *(32 01)*

32 01 16 71 Cold Milling Asphalt Pavement *(32 01 16)*

32 01 16 71-0001 Removal Of Asphalt Surface Course *(32 01 16 71)*

Note: Includes direct loading into truck.

32 01 16 71-0002 Production Cold Milling Of Roads And Parking Areas *(32 01 16 71-0001)*

Note: For removal of entire lanes of roads or parking areas. Includes work around man holes, scuppers, drainage structures, catch basins, etc. Includes sweeping and loading into truck. See CSI section 01 74 19 00-0064 for hauling.

32 01 16 71-0003	SY	Up To 3" Depth, Production Cold Milling Of Asphalt	4.48	
		For Up To 2,500, Add	*3.36*	
		For >2,500 To 5,000, Add	*1.12*	
		For >10,000 To 25,000, Deduct	*-0.78*	
		For >25,000, Deduct	*-1.12*	
32 01 16 71-0004	SY	>3" To 6" Depth, Production Cold Milling Of Asphalt	5.67	
		For Up To 2,500, Add	*4.25*	
		For >2,500 To 5,000, Add	*1.42*	
		For >10,000 To 25,000, Deduct	*-0.99*	
		For >25,000, Deduct	*-1.42*	
32 01 16 71-0005	SY	>6" To 12" Depth, Production Cold Milling Of Asphalt	7.54	
		For Up To 2,500, Add	*5.66*	
		For >2,500 To 5,000, Add	*1.89*	
		For >10,000 To 25,000, Deduct	*-1.32*	
		For >25,000, Deduct	*-1.89*	

32 01 16 71-0006 Limited Production Cold Milling *(32 01 16 71-0001)*

Note: For cross sections of roadways, trenching, partial shoulders, and other small or narrow areas. Includes work around man holes, scuppers, drainage structures, catch basins, etc. Includes sweeping and loading into truck. See CSI section 01 74 19 00-0064 for hauling.

32 01 16 71-0007	SY	Up To 3" Depth, Limited Cold Milling Of Asphalt	29.85	
		For >100 To 1,000, Deduct	*-14.93*	
		For >1,000, Deduct	*-22.39*	
32 01 16 71-0008	SY	>3" To 6" Depth, Limited Cold Milling Of Asphalt	39.53	
		For >100 To 1,000, Deduct	*-19.77*	
		For >1,000, Deduct	*-29.65*	
32 01 16 71-0009	SY	>6" To 12" Depth, Limited Cold Milling Of Asphalt	52.65	
		For >100 To 1,000, Deduct	*-26.33*	
		For >1,000, Deduct	*-39.49*	

32 01 16 71-0010 Grind, Leave In-Place Asphalt Grindings *(32 01 16 71)*

Note: For use as subbase material, includes spreading and rolling.

32 01 16 71-0011	SY	Grind, Leave In-Place As Subbase Course, 6-9" Depth	8.20	

32 01 16 74 In Place Hot Reused Asphalt Paving *(32 01 16)*

32 01 16 74-0001 Rejuvenate, Respread Asphalt Pavement *(32 01 16 74)*

Note: Includes direct loading into truck.

32 01 16 74-0002	SY	Removal, Rejuvenation, And Respreading Of Up To 4" Deep, Asphalt Grindings	13.93	
32 01 16 74-0003	SY	Removal, Rejuvenation, And Respreading Of >4" To 6" Deep, Asphalt Grindings	20.64	

32 01 16 74-0004 Reclamation, Pulverize And Blending With Existing *(32 01 16 74)*

Note: Includes direct loading into truck.

32 01 16 74-0005	SY	Up To 2" Thick Pavement, Up To 1,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base	16.07	
32 01 16 74-0006	SY	Up To 2" Thick Pavement, >1,000 To 5,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base	8.04	
32 01 16 74-0007	SY	Up To 2" Thick Pavement, >5,000 To 15,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base	4.02	
32 01 16 74-0008	SY	Up To 2" Thick Pavement, >15,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base	3.81	
32 01 16 74-0009	SY	>2" To 3" Thick Pavement, >5,000 To 15,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base	4.39	
32 01 16 74-0010	SY	>2" To 3" Thick Pavement, Up To 1,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base	17.55	
32 01 16 74-0011	SY	>2" To 3" Thick Pavement, >1,000 To 5,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base	8.77	
32 01 16 74-0012	SY	>2" To 3" Thick Pavement, >15,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base	4.13	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 01 16 74-0013	SY	>3" To 4" Thick Pavement, Up To 1,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base	19.30	
32 01 16 74-0014	SY	>3" To 4" Thick Pavement, >1,000 To 5,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base	9.64	
32 01 16 74-0015	SY	>3" To 4" Thick Pavement, >5,000 To 15,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base	4.82	
32 01 16 74-0016	SY	>3" To 4" Thick Pavement, >15,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base	4.45	
32 01 16 74-0017	SY	>4" To 8" Thick Pavement, Up To 1,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base	21.05	
32 01 16 74-0018	SY	>4" To 8" Thick Pavement, >1,000 To 5,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base	10.53	
32 01 16 74-0019	SY	>4" To 8" Thick Pavement, >5,000 To 15,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base	5.26	
32 01 16 74-0020	SY	>4" To 8" Thick Pavement, >15,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base	4.90	
32 01 16 74-0021	EA	Mobilization And Demobilization For Reclamation, Pulverizing And Blending Crew	1,809.04	

32 01 17 Flexible Paving Repair *(32 01)*

See CSI section 32 12 16 00-0000 for large area resurfacing.

32 01 17 61 Sealing Cracks in Asphalt Paving *(32 01 17)*

Note: Includes removing loose materials and cleaning.

32 01 17 61-0001 Hot-Applied, Pourable, Self-Adhesive Asphalt Binder Compounded With Standard Weight Aggregate Longitudinal Crack And Sealing Repair *(32 01 17 61)*

Note: Includes removing loose materials and cleaning.

CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 01 17 61-0002	LF	Up To 200 LF Fill Cracks Up To 1/2" x 1/2" With Hot Asphalt Crack Filler Note: Includes air cleaning of cracks. Excludes backer rod where required and routing of crack.	1.80	
		For 3/4" x 1/2" Fill, Add	*0.53*	
		For 1" x 1/2" Fill, Add	*1.01*	
		For Backer Rod, Add	*1.17*	
32 01 17 61-0003	LF	>200 To 500 LF Fill Cracks Up To 1/2" x 1/2" With Hot Asphalt Crack Filler Note: Includes air cleaning of cracks. Excludes backer rod where required and routing of crack.	1.47	
		For 3/4" x 1/2" Fill, Add	*0.44*	
		For 1" x 1/2" Fill, Add	*0.84*	
		For Backer Rod, Add	*1.06*	
32 01 17 61-0004	LF	>500 To 2,000 LF Fill Cracks Up To 1/2" x 1/2" With Hot Asphalt Crack Filler Note: Includes air cleaning of cracks. Excludes backer rod where required and routing of crack.	1.18	
		For 3/4" x 1/2" Fill, Add	*0.36*	
		For 1" x 1/2" Fill, Add	*0.69*	
		For Backer Rod, Add	*0.95*	
32 01 17 61-0005	LF	>2,000 To 5,000 LF Fill Cracks Up To 1/2" x 1/2" With Hot Asphalt Crack Filler Note: Includes air cleaning of cracks. Excludes backer rod where required and routing of crack.	1.02	
		For 3/4" x 1/2" Fill, Add	*0.31*	
		For 1" x 1/2" Fill, Add	*0.60*	
		For Backer Rod, Add	*0.89*	
32 01 17 61-0006	LF	>5,000 To 10,000 LF Fill Cracks Up To 1/2" x 1/2" With Hot Asphalt Crack Filler Note: Includes air cleaning of cracks. Excludes backer rod where required and routing of crack.	0.90	
		For 3/4" x 1/2" Fill, Add	*0.28*	
		For 1" x 1/2" Fill, Add	*0.53*	
		For Backer Rod, Add	*0.84*	
32 01 17 61-0007	LF	>10,000 LF Fill Cracks Up To 1/2" x 1/2" With Hot Asphalt Crack Filler Note: Includes air cleaning of cracks. Excludes backer rod where required and routing of crack.	0.83	
		For 3/4" x 1/2" Fill, Add	*0.25*	
		For 1" x 1/2" Fill, Add	*0.49*	
		For Backer Rod, Add	*0.80*	
32 01 17 61-0008	LF	For Routing And Cleaning Of Crack, Add Per 1/2" Depth	0.62	

32 01 17 63 Flexible Pavement Repair *(32 01 17)*

32 01 17 63-0001 Temporary Pot Hole Repair *(32 01 17 63)*

Note: Includes removal of loose material and moisture, bonding agent, compaction, safety cones and hauling up to 15 miles. Excludes signage, barricades, flagmen, field survey or marking. See CSI section 01 74 19 00-0064 for hauling greater than 15 miles.

CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 01 17 63-0002	EA	Temporary Pot Hole Repairs With Cold Mix Modified, Up To 3 Tons	1,739.67	
32 01 17 63-0003	TON	Temporary Pot Hole Repairs With Cold Mix Modified Note: Use for each ton over 3 tons.	521.63	
32 01 17 63-0004	EA	Temporary Pot Hole Repairs With Cold Mix, Up To 3 Tons	1,678.16	
32 01 17 63-0005	TON	Temporary Pot Hole Repairs With Cold Mix Note: Use for each ton over 3 tons.	501.12	
32 01 17 63-0006	EA	Temporary Pot Hole Repairs With Hot Mix Modified, Up To 3 Tons	1,647.40	
32 01 17 63-0007	TON	Temporary Pot Hole Repairs With Hot Mix Modified Note: Use for each ton over 3 tons.	490.87	
32 01 17 63-0008	EA	Temporary Pot Hole Repairs With Hot Mix, Up To 3 Tons	1,616.64	
32 01 17 63-0009	TON	Temporary Pot Hole Repairs With Hot Mix Note: Use for each ton over 3 tons.	480.62	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 01 17 63-0010		Asphalt Placement For Small Repairs *(32 01 17 63)* Note: This section is used for placing up to 100 tons of asphalt after a small area of existing asphalt is removed to allow work such as trenching across or in a road, excavating a drainage structure, uncovering a utility line, etc. Includes mobilization of paving equipment such as a roller, placing the asphalt, compaction and hauling up to 15 miles. Excludes saw cutting, demolition of existing pavement, and new subbase material. Use approximately 0.055 tons per square yard per inch of depth. See CSI section 02 41 19 13-0051 for saw cutting, 32 12 00 00-0000 for areas requiring more than 100 tons, 32 12 16 00-0000 for areas requiring more than 100 tons.		
32 01 17 63-0011	EA	Asphalt Placement For Small Repair Areas, Cold Mix Modified, Up To 3 Tons Note: For small areas of existing asphalt is removed to allow work such as trenching across or in a road, excavating a drainage structure, uncovering a utility line, etc.	2,469.15	
32 01 17 63-0012	TON	Asphalt Placement For Small Repair Areas, Cold Mix Modified Note: For each ton over 3 to 100 tons. For small areas of existing asphalt is removed to allow work such as trenching across or in a road, excavating a drainage structure, uncovering a utility line, etc.	314.28	
32 01 17 63-0013	EA	Asphalt Placement For Small Repair Areas, Cold Mix, Up To 3 Tons Note: For small areas of existing asphalt is removed to allow work such as trenching across or in a road, excavating a drainage structure, uncovering a utility line, etc.	2,407.64	
32 01 17 63-0014	TON	Asphalt Placement For Small Repair Areas, Cold Mix Note: For each ton over 3 to 100 tons. For small areas of existing asphalt is removed to allow work such as trenching across or in a road, excavating a drainage structure, uncovering a utility line, etc.	293.77	
32 01 17 63-0015	EA	Asphalt Placement For Small Repair Areas, Hot Mix Modified, Up To 3 Tons Note: For small areas of existing asphalt is removed to allow work such as trenching across or in a road, excavating a drainage structure, uncovering a utility line, etc.	2,376.88	
32 01 17 63-0016	TON	Asphalt Placement For Small Repair Areas, Hot Mix Modified Note: For each ton over 3 to 100 tons. For small areas of existing asphalt is removed to allow work such as trenching across or in a road, excavating a drainage structure, uncovering a utility line, etc.	283.52	
32 01 17 63-0017	EA	Asphalt Placement For Small Repair Areas, Hot Mix, Up To 3 Tons Note: For small areas of existing asphalt is removed to allow work such as trenching across or in a road, excavating a drainage structure, uncovering a utility line, etc.	2,346.12	
32 01 17 63-0018	TON	Asphalt Placement For Small Repair Areas, Hot Mix Note: For each ton over 3 to 100 tons. For small areas of existing asphalt is removed to allow work such as trenching across or in a road, excavating a drainage structure, uncovering a utility line, etc.	273.27	

32 01 26 Rigid Paving Rehabilitation *(32 01)*

32 01 26 71 Grooving of Concrete Paving *(32 01 26)*

32 01 26 71-0001		Roadway Grooving *(32 01 26 71)*		
32 01 26 71-0002	EA	First 500 SY Of Pavement Grooving, Concrete, Longitudinal	4,124.61	
32 01 26 71-0003	SY	Each SY Over First 500 SY Of Pavement Grooving, Concrete, Longitudinal	3.82	
32 01 26 71-0004	EA	First 500 SY Of Pavement Grooving, Concrete, Traverse	4,594.95	
32 01 26 71-0005	SY	Each SY Over First 500 SY Of Pavement Grooving, Concrete, Traverse	4.98	
32 01 26 71-0006		Rumble Strips *(32 01 26 71)*		
32 01 26 71-0007	EA	First 5280 LF Of MIARDS, Rumble Strips, Asphalt	5,081.90	
32 01 26 71-0008	LF	Each LF Over First 5280 LF Of MIARDS, Rumble Strips, Asphalt	0.93	
32 01 26 71-0009	EA	First 2000 LF Of MIARDS, Rumble Strips, Concrete	5,663.31	
32 01 26 71-0010	LF	Each LF Over First 2000 LF Of MIARDS, Rumble Strips, Concrete	1.03	

32 01 26 73 Milling Of Concrete Paving *(32 01 26)*

32 01 26 73-0001		Removal Of Concrete *(32 01 26 73)* Note: Includes direct loading into truck.		
32 01 26 73-0002		Production Milling Of Roads And Parking Areas *(32 01 26 73-0001)* Note: For removal of entire lanes of roads or parking areas. Includes work around man holes, scuppers, drainage structures, catch basins, etc. Includes sweeping and loading into truck. See CSI section 01 74 19 00-0064 for hauling.		
32 01 26 73-0003	SY	Production Milling Of Concrete Per Inch	7.15	
32 01 26 73-0004		Limited Production Milling *(32 01 26 73-0001)* Note: For cross sections of roadways, trenching, partial shoulders, and other small or narrow areas. Includes work around man holes, scuppers, drainage structures, catch basins, etc. Includes sweeping and loading into truck. See CSI section 01 74 19 00-0064 for hauling.		
32 01 26 73-0005	SY	Limited Production Milling Of Concrete Per Inch	44.87	

32 01 29 Rigid Paving Repair *(32 01)*

32 01 29 61 Partial Depth Patching of Rigid Paving *(32 01 29)*

32 01 29 61-0001		Hot Applied Flexible Concrete Repair *(32 01 29 61)* Note: Excludes saw cutting (where required), flagmen.		
32 01 29 61-0002	EA	Hot Applied Flexible Concrete Repair Minimum Charge Note: For projects where the total Hot Applied Flexible Concrete Repair In Asphaltcharge is less than the minimum charge, use task "Minimum Charge For Hot Applied Flexible Concrete Repairt" exclusively. Task "Minimum Charge For Hot Applied Flexible Concrete Repair" should not be used in conjunction with any other tasks in this section.	1,284.43	
32 01 29 61-0003	SF	Up To 2" Depth, Hot Applied Flexible Concrete Repair	69.86	
		For >25 SF Quantity, Deduct	*-6.99*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 01 29 61-0004	SF	>2" To 4" Depth, Hot Applied Flexible Concrete Repair	130.95	
		For >25 SF Quantity, Deduct	*-13.10*	
32 01 29 61-0005	SF	>4" To 6" Depth, Hot Applied Flexible Concrete Repair	191.45	
		For >25 SF Quantity, Deduct	*-19.15*	
32 01 29 61-0006	SF	>6" To 8" Depth, Hot Applied Flexible Concrete Repair	251.96	
		For >25 SF Quantity, Deduct	*-25.20*	
32 01 29 61-0007	SF	>8" To 10" Depth, Hot Applied Flexible Concrete Repair	312.46	
		For >25 SF Quantity, Deduct	*-31.25*	
32 01 29 61-0008	CF	>10" Depth, Hot Applied Flexible Concrete Repair	372.38	

32 01 29 61-0009 Cold Applied Flexible Concrete Repair *(32 01 29 61)*

32 01 29 61-0010	SF	1/8" To 1/4" Thick, Portland Cement Concrete Patching (SikaRepair-223 mixed with water)	6.98	
32 01 29 61-0011	SF	1/4" To 1/2" Thick, Portland Cement Concrete Patching (SikaRepair-223 mixed with water)	10.00	
32 01 29 61-0012	SF	1/2" To 3/4" Thick, Portland Cement Concrete Patching (SikaRepair-223 mixed with water)	13.12	
32 01 29 61-0013	SF	3/4" To 1" Thick, Portland Cement Concrete Patching (SikaRepair-223 mixed with water)	16.37	
32 01 29 61-0014	SF	1" To 1-1/2" Thick, Portland Cement Concrete Patching (SikaRepair-223 mixed with water)	23.32	
32 01 29 61-0015	SF	1/8" To 1/4" Thick, Portland Cement Concrete Patching (SikaRepair-223 mixed with SikaLatex R)	7.07	
32 01 29 61-0016	SF	1/4" To 1/2" Thick, Portland Cement Concrete Patching (SikaRepair-223 mixed with SikaLatex R)	10.08	
32 01 29 61-0017	SF	1/2" To 3/4" Thick, Portland Cement Concrete Patching (SikaRepair-223 mixed with SikaLatex R)	13.21	
32 01 29 61-0018	SF	3/4" To 1" Thick, Portland Cement Concrete Patching (SikaRepair-223 mixed with SikaLatex R)	16.46	
32 01 29 61-0019	SF	1" To 1-1/2" Thick, Portland Cement Concrete Patching (SikaRepair-223 mixed with SikaLatex R)	23.41	
32 01 29 61-0020	SF	1/8" To 1/4" Thick, Portland Cement Concrete Patching (SikaRepair-223 mixed with diluted SikaLatex R)	7.03	
32 01 29 61-0021	SF	1/4" To 1/2" Thick, Portland Cement Concrete Patching (SikaRepair-223 mixed with diluted SikaLatex R)	10.04	
32 01 29 61-0022	SF	1/2" To 3/4" Thick, Portland Cement Concrete Patching (SikaRepair-223 mixed with diluted SikaLatex R)	13.16	
32 01 29 61-0023	SF	3/4" To 1" Thick, Portland Cement Concrete Patching (SikaRepair-223 mixed with diluted SikaLatex R)	16.42	
32 01 29 61-0024	SF	1" To 1-1/2" Thick, Portland Cement Concrete Patching (SikaRepair-223 mixed with diluted SikaLatex R)	23.36	

32 01 30 Operation and Maintenance of Site Improvements *(32 01)*

32 01 30 13 Snow Removal *(32 01 30)*

32 01 30 13-0001 Snow Removal *(32 01 30 13)*

32 01 30 13-0002	MSF	Up To 4" Depth Snow Plowing, Parking Lot And Drives, Pick-up Truck With Plow	6.28	
		For <5, Add 1.26		
		For >25 To 50, Deduct	*-0.47*	
		For >50, Deduct	*-0.79*	
32 01 30 13-0003	MSF	>4" To 10" Depth Snow Plowing, Parking Lot And Drives, Pick-up Truck With Plow	8.46	
		For <5, Add 1.69		
		For >25 To 50, Deduct	*-0.63*	
		For >50, Deduct	*-1.06*	
32 01 30 13-0004	MSF	>10" To 15" Depth Snow Plowing, Parking Lot And Drives, Pick-up Truck With Plow	14.60	
		For <5, Add 2.92		
		For >25 To 50, Deduct	*-1.10*	
		For >50, Deduct	*-1.83*	
32 01 30 13-0005	MSF	Up To 4" Depth Snow Plowing, Roadway, 12 Ton Plow Truck	4.37	
		For >50 To 100, Deduct	*-0.44*	
		For >100 To 500, Deduct	*-0.76*	
		For >500, Deduct	*-1.09*	
32 01 30 13-0006	MSF	>4 To 10" Depth Snow Plowing, Roadway, 12 Ton Plow Truck	8.46	
		For >50 To 100, Deduct	*-0.85*	
		For >100 To 500, Deduct	*-1.48*	
		For >500, Deduct	*-2.12*	
32 01 30 13-0007	MSF	>10 To 15" Depth Snow Plowing, Roadway, 12 Ton Plow Truck	14.60	
		For >50 To 100, Deduct	*-1.46*	
		For >100 To 500, Deduct	*-2.56*	
		For >500, Deduct	*-3.65*	
32 01 30 13-0008	SF	Removal Of Up To 2" Snow From Sidewalk And Drives, By Hand	0.87	
32 01 30 13-0009	SF	Removal Of >2" To 4" Snow From Sidewalk And Drives, By Hand	1.06	
32 01 30 13-0010	SF	Removal Of >4" To 6" Snow From Sidewalk And Drives, By Hand	1.28	
32 01 30 13-0011	CF	Removal Of >6" Snow From Sidewalk And Drives, By Hand	1.69	
32 01 30 13-0012	CF	Removal Of Snow From Sidewalk And Drives, By 24" Wide Power Blower	0.11	
32 01 30 13-0013	CY	Snow Removal, Load And Haull, 1 Mile Round Trip	13.88	
32 01 30 13-0014	CY	Snow Removal, Load And Haull, 2 Mile Round Trip	18.05	
32 01 30 13-0015	CY	Snow Removal, Load And Haull, 3 Mile Round Trip	21.23	
32 01 30 13-0016	CY	Snow Removal, Load And Haull, 4 Mile Round Trip	24.39	
32 01 30 13-0017	CY	Snow Removal, Load And Haull, 5 Mile Round Trip	26.38	
32 01 30 13-0018	CY	SnowRemoval, Clearing, 1 CY, With Wheeled Skid Steer Loader	4.86	
32 01 30 13-0019	MSF	Spread Sand And Salt Mix On Parking Lot And Drives	16.22	
		For <5, Add 0.57		
		For >25 To 50, Deduct	*-0.22*	
		For >50, Deduct	*-0.36*	
32 01 30 13-0020	MSF	Spread Sand And Salt Mix On Roadway	15.40	
		For >50 To 100, Deduct	*-0.21*	
		For >100 To 500, Deduct	*-0.36*	
		For >500, Deduct	*-0.51*	

32 01 30 13-0021 De-Ice Walks *(32 01 30 13)*

32 01 30 13-0022	CSF	De-Ice Walks, With Rock Salt, By Hand	11.29	
32 01 30 13-0023	CSF	De-Ice Sidewalks And Drives, With Rock Salt, By Rotary Spreader	10.77	
32 01 30 13-0024	MSF	De-Ice Parking Lots And Roadway With Rock Salt, By Rotary Spreader	101.15	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 01 30 13-0025	CSF	De-Ice Walks, With Calcium Chloride, 1.9 LB / CSF, By Hand	29.98	
32 01 30 13-0026	CSF	De-Ice Sidewalks And Drives With Calcium Chloride, 1.9 LB / CSF, By Rotary Sprerader	29.46	
32 01 30 13-0027	MSF	De-Ice Parking Lots And Roadways With Calcium Chloride, 19 LB / MSF, By Rotary Sprerader	288.04	

32 01 90 Operation and Maintenance of Planting *(32 01)*

Note: These tasks are to be used as requested by the owner to maintain existing conditions.

32 01 90 13 Fertilizing *(32 01 90)*

32 01 90 13-0001	MSF	Fertilizer - 2 LB Of Nitrogen/MSF (Granular)	17.44
32 01 90 13-0002	MSF	Fertilizer - 2 LB Of Nitrogen/MSF (Liquid)	13.07
32 01 90 13-0003	MSF	Fertilizer - 0.5 LB Of Nitrogen/MSF (Granular)	14.21
32 01 90 13-0004	MSF	Fertilizer - 0.5 LB Of Nitrogen/MSF (Liquid)	11.76

32 01 90 19 Mowing *(32 01 90)*

32 01 90 19-0001	ACR	Vegetation Cutting By Bush Hog Note: Includes normal debris removal, cutting, and trimming.	217.09
		For <1 Acre, Add	*54.27*
32 01 90 19-0002	CLF	Power Edging, At Walks	9.83
32 01 90 19-0003	CLF	Power Edging, At Planting, Mulch Or Stone Beds	35.98
32 01 90 19-0004	LF	Edge Trimming With Weed Whacker	0.12
32 01 90 19-0005	MSF	Mowing Lawns With Push Mower, Up To 5,000 SF	14.71
32 01 90 19-0006	MSF	Mowing Lawns With Push Mower, >5,000 To 20,000 SF	12.39
32 01 90 19-0007	MSF	Mowing Lawns With Riding Mower, >20,000 To 45,000 SF	7.43
32 01 90 19-0008	MSF	Mowing Lawns With Riding Mower, >45,000 SF	5.76

32 01 90 23 Pruning *(32 01 90)*

32 01 90 23-0001 Tree Pruning *(32 01 90 23)*

Note: Types of pruning for mature trees (these standards are established by the ISA - International Society of Arboriculture) 1. CROWN CLEANING - Crown cleaning or cleaning out is the removal of dead, dying, diseased, crowded, weakly attached, and low-vigor branches and waterspouts from a tree crown. 2. CROWN THINNING - Crown thinning includes crown cleaning and the selective removal of branches to increase light penetration and air movement into the crown. Increased light and air stimulates and maintains interior foliage, which in turn improves branch taper and strength. Thinning reduces the wind-sail effect of the crown and the weight of the heavy limbs. Thinning the crown can emphasize the structural beauty of the trunk and branches as well as improve the growth of plants beneath the tree by increasing light penetration. When thinning the crown of mature trees, seldom should more than one-third of the live foliage be removed. At least one-half of the foliage should be on branches that arise in the lower two- thirds of the trees. Likewise, when thinning laterals from a limb, an effort should be made to retain inner lateral branches and leave the same distribution of foliage along the branch. Trees and branches so pruned will have stress more evenly distributed throughout the tree or along a branch. 3. CROWN RAISING - Crown raising removes the lower branches of a tree in order to provide clearance for buildings, vehicles, pedestrians, and vistas. It is important that a tree have at least one-half of its foliage on branches that originate in the lower two-thirds of its trunk to ensure a well-formed, tapered structure and to uniformly distribute stress within a tree. When pruning for view, it is preferable to develop "windows" through the foliage of the tree, rather than to severely raise or reduce the crown. 4. CROWN REDUCTION - Crown reduction is used to reduce the height and/or spread of a tree. Thinning cuts are most effective in maintaining the structural integrity and natural form of a tree and in delaying the time when it will need to be pruned again. The lateral to which a branch or trunk is cut should be at least one-half the diameter of the cut being made. 5. CROWN RESTORATION - Crown restoration can improve the structure and appearance of trees that have been topped or severely pruned using heading cuts. One to three sprouts on main branch stubs should be selected to reform a more natural appearing crown. Selected vigorous sprouts may need to be thinned to a lateral, or even headed, to control length growth in order to ensure adequate attachment for the size of the sprout. Restoration may require several pruning's over a number of years. Includes loading onto truck or dumspter.

32 01 90 23-0002	EA	Tree Pruning, 2" Caliper, Crown Thinning, Class I Trees, Light Pruning	24.77
		For Class II Trees, Add	*8.25*
		For Class III Trees, Add	*12.39*
		For Crown Reduction, Add	*16.51*
32 01 90 23-0003	EA	Tree Pruning, 2" To 4" Caliper Crown Thinning, Class I Trees, Light Pruning	33.03
		For Class II Trees, Add	*11.00*
		For Class III Trees, Add	*16.52*
		For Crown Reduction, Add	*22.02*
32 01 90 23-0004	EA	Tree Pruning, 4" To 6" Caliper, By Hand Crown Thinning, Class I Trees, Light Pruning	74.31
		For Class II Trees, Add	*24.75*
		For Class III Trees, Add	*37.16*
		For Crown Reduction, Add	*49.54*
32 01 90 23-0005	EA	Tree Pruning, 6" To 9" Caliper, By Hand Crown Thinning, Class I Trees, Light Pruning	99.07
		For Class II Trees, Add	*32.99*
		For Class III Trees, Add	*49.54*
		For Crown Reduction, Add	*66.05*
		For Crown Clean Pruning, Deduct	*-16.51*
		For Crown Restoration, Deduct	*-24.77*
32 01 90 23-0006	EA	Tree Pruning, 9" - 12" Caliper, By Hand Crown Thinning, Class I Trees, Light Pruning	148.61
		For Class II Trees, Add	*49.49*
		For Class III Trees, Add	*74.31*
		For Crown Reduction, Add	*99.08*
		For Crown Clean Pruning, Deduct	*-24.77*
		For Crown Restoration, Deduct	*-37.15*
		For Medium Trimming, Add	*24.77*
		For Heavy Trimming, Add	*49.49*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 01 90 23-0007	EA	Tree Pruning, 12" - 18" Caliper By Hand Crown Thinning, Class I Trees, Light Pruning	195.57	
		For Class II Trees, Add	*65.12*	
		For Class III Trees, Add	*97.79*	
		For Crown Reduction, Add	*130.39*	
		For Crown Clean Pruning, Deduct	*-32.60*	
		For Crown Restoration, Deduct	*-48.89*	
		For Medium Trimming, Add	*32.60*	
		For Heavy Trimming, Add	*65.12*	
32 01 90 23-0008	EA	Tree Pruning, 12" - 18" Caliper By Aerial Lift Equipment Crown Thinning, Class I Trees, Light Pruning	230.55	
		For Class II Trees, Add	*76.77*	
		For Class III Trees, Add	*115.28*	
		For Crown Reduction, Add	*153.71*	
		For Crown Clean Pruning, Deduct	*-38.43*	
		For Crown Restoration, Deduct	*-57.64*	
		For Medium Trimming, Add	*38.43*	
		For Heavy Trimming, Add	*76.77*	
32 01 90 23-0009	EA	Tree Pruning, 18" - 24" Caliper, By Hand Crown Thinning, Class I Trees, Light Pruning	260.73	
		For Class II Trees, Add	*86.82*	
		For Class III Trees, Add	*130.37*	
		For Crown Reduction, Add	*173.83*	
		For Crown Clean Pruning, Deduct	*-43.46*	
		For Crown Restoration, Deduct	*-65.18*	
		For Medium Trimming, Add	*43.46*	
		For Heavy Trimming, Add	*86.82*	
32 01 90 23-0010	EA	Tree Pruning, 18" - 24" Caliper, Aerial Lift Equipment Crown Thinning, Class I Trees, Light Pruning	230.55	
		For Class II Trees, Add	*76.77*	
		For Class III Trees, Add	*115.28*	
		For Crown Reduction, Add	*153.71*	
		For Crown Clean Pruning, Deduct	*-38.43*	
		For Crown Restoration, Deduct	*-57.64*	
		For Medium Trimming, Add	*38.43*	
		For Heavy Trimming, Add	*76.77*	
32 01 90 23-0011	EA	Tree Pruning, 24" - 30" Caliper, By Hand Crown Thinning, Class I Trees, Light Pruning	325.94	
		For Class II Trees, Add	*108.54*	
		For Class III Trees, Add	*162.97*	
		For Crown Reduction, Add	*217.30*	
		For Crown Clean Pruning, Deduct	*-54.33*	
		For Crown Restoration, Deduct	*-81.49*	
		For Medium Trimming, Add	*54.33*	
		For Heavy Trimming, Add	*108.54*	
32 01 90 23-0012	EA	Tree Pruning, 24" - 30" Caliper, Aerial Lift Equipment Crown Thinning, Class I Trees, Light Pruning	307.39	
		For Class II Trees, Add	*102.36*	
		For Class III Trees, Add	*153.70*	
		For Crown Reduction, Add	*204.94*	
		For Crown Clean Pruning, Deduct	*-51.24*	
		For Crown Restoration, Deduct	*-76.85*	
		For Medium Trimming, Add	*51.24*	
		For Heavy Trimming, Add	*102.36*	
32 01 90 23-0013	EA	Tree Pruning, 30" - 36" Caliper, By Hand Crown Thinning, Class I Trees, Light Pruning	391.11	
		For Class II Trees, Add	*130.24*	
		For Class III Trees, Add	*195.56*	
		For Crown Reduction, Add	*260.75*	
		For Crown Clean Pruning, Deduct	*-65.20*	
		For Crown Restoration, Deduct	*-97.78*	
		For Medium Trimming, Add	*65.20*	
		For Heavy Trimming, Add	*130.24*	
32 01 90 23-0014	EA	Tree Pruning, 30" - 36" Caliper, Aerial Lift Equipment Crown Thinning, Class I Trees, Light Pruning	384.23	
		For Class II Trees, Add	*127.95*	
		For Class III Trees, Add	*192.12*	
		For Crown Reduction, Add	*256.17*	
		For Crown Clean Pruning, Deduct	*-64.05*	
		For Crown Restoration, Deduct	*-96.06*	
		For Medium Trimming, Add	*64.05*	
		For Heavy Trimming, Add	*127.95*	
32 01 90 23-0015	EA	Tree Pruning, >36" Caliper, By Hand Crown Thinning, Class I Trees, Light Pruning	456.30	
		For Class II Trees, Add	*151.95*	
		For Class III Trees, Add	*228.15*	
		For Crown Reduction, Add	*304.22*	
		For Crown Clean Pruning, Deduct	*-76.07*	
		For Crown Restoration, Deduct	*-114.08*	
		For Medium Trimming, Add	*76.07*	
		For Heavy Trimming, Add	*151.95*	
32 01 90 23-0016	EA	Tree Pruning, >36" Caliper, Aerial Lift Equipment Crown Thinning, Class I Trees, Light Pruning	461.08	
		For Class II Trees, Add	*153.54*	
		For Class III Trees, Add	*230.54*	
		For Crown Reduction, Add	*307.40*	
		For Crown Clean Pruning, Deduct	*-76.86*	
		For Crown Restoration, Deduct	*-115.27*	
		For Medium Trimming, Add	*76.86*	
		For Heavy Trimming, Add	*153.54*	
32 01 90 23-0017	EA	Tree Bolting by Each Bolt	294.49	

32 01 90 23-0018 Shrub Pruning *(32 01 90 23)*

32 01 90 23-0019	MSF	Shrub Pruning, Prune, Shrub Bed	122.58	
32 01 90 23-0020	EA	Shrub Pruning, Prune, Shrub Under 3' Height	4.30	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 01 90 23-0021	EA	Shrub Pruning, Prune, Shrub 4' Height	9.68	
32 01 90 23-0022	EA	Shrub Pruning, Prune, Shrub Over 6'	17.21	
32 01 90 23-0023	EA	Shrub Pruning, Prune Trees From Ground	43.03	
32 01 90 23-0024	EA	Shrub Pruning, Prune Trees From Ground, High Work	107.58	

32 01 90 26 Watering *(32 01 90)*

Note: Includes delivered water. Not to be used as basis if watering with irrigation system or on-site owner provided water from hose or hydrant.

32 01 90 26-0001 Watering Lawns, Plants And Trees *(32 01 90 26)*

Note: Includes delivered water and watering truck. Not to be used as basis if watering with irrigation system or on-site owner provided water from hose or hydrant. These tasks are to be used as requested by the owner for extended watering period for lawns, plants and trees.

32 01 90 26-0002	MSF	Watering Sod/Grass, Per Inch Of Water	46.28	
32 01 90 26-0003	CSF	Watering Groundcover	7.10	
32 01 90 26-0004	CSF	Watering Annuals And Perennials	12.53	
32 01 90 26-0005	EA	Watering Shrub Or Bush By Hand	12.14	
32 01 90 26-0006	EA	Watering Trees, 1-1/2" To 5" Diameter By Hand	24.12	
32 01 90 26-0007	EA	Watering Trees, 6" To 12" Diameter By Hand	31.72	
32 01 90 26-0008	EA	Watering Trees, 13" To 18" Diameter By Hand	39.30	
32 01 90 26-0009	EA	Watering Trees, >18" Diameter By Hand	48.39	

32 01 90 36 Weed and Brush Control *(32 01 90)*

32 01 90 36-0001 Herbicide, Push Or Hand Spreader Applied *(32 01 90 36)*

32 01 90 36-0002	MSF	Non-Selective Post Emergent Weed Herbicide (70.4 oz/acre or 1.62 oz/MSF)	9.81	
		For >45 To 90, Deduct	*-0.53*	
		For >90 To 225, Deduct	*-1.51*	
		For >225 To 870, Deduct	*-2.49*	
		For >870, Deduct	*-3.02*	
32 01 90 36-0003	MSF	Non-Selective Post Emergent Woody Brush And Tree Herbicide (128 oz/acre or 2.94 oz/MSF)	10.47	
		For >45 To 90, Deduct	*-0.60*	
		For >90 To 225, Deduct	*-1.64*	
		For >225 To 870, Deduct	*-2.69*	
		For >870, Deduct	*-3.29*	
32 01 90 36-0004	MSF	Selective Weed Herbicide (56 oz/Acre or 1.28 oz/MSF) Note: Includes pre and post emergent.	10.43	
		For >45 To 90, Deduct	*-0.59*	
		For >90 To 225, Deduct	*-1.64*	
		For >225 To 870, Deduct	*-2.68*	
		For >870, Deduct	*-3.27*	
32 01 90 36-0005	MSF	Selective Woody Brush And Tree Herbicide (72 oz/acre or 1.65 oz/MSF) Note: Includes pre and post emergents.	10.84	
		For >45 To 90, Deduct	*-0.63*	
		For >90 To 225, Deduct	*-1.72*	
		For >225 To 870, Deduct	*-2.80*	
		For >870, Deduct	*-3.44*	

32 01 90 39 Pesticides *(32 01 90)*

32 01 90 39-0001	MSF	Pesticide - Surface Eating	13.52	
32 01 90 39-0002	MSF	Pesticide - Subsurface Eating	13.56	
32 01 90 39-0003	MSF	Pesticide - Fungicide Application	14.49	

32 01 90 43 Weed and Cultivate Beds *(32 01 90)*

32 01 90 43-0001	MSF	Weed Mulched Bed	52.87	
32 01 90 43-0002	MSF	Weed Unmulched Bed	151.07	
32 01 90 43-0003	MSF	Cultivate Bed	81.34	

32 01 90 46 Hedge Trimming *(32 01 90)*

32 01 90 46-0001	LF	Trim 0-5' High Hedge, 0-3' Wide	6.96	
32 01 90 46-0002	LF	Trim 0-5' High Hedge, 4-6' Wide	10.44	
32 01 90 46-0003	LF	Trim 5-10' High Hedge, 0-3' Wide	15.81	
32 01 90 46-0004	LF	Trim 5-10' High Hedge, 4-6' Wide	16.10	

32 01 90 53 Plant Growth Regulator Application *(32 01 90)*

32 01 90 53-0001	EA	Plant Growth Regulator Application	7.32	

32 01 90 56 Raking *(32 01 90)*

32 01 90 56-0001 Raking *(32 01 90 56)*

32 01 90 56-0002	MSF	Raking Leaves By Hand	115.30	
32 01 90 56-0003	MSF	Raking Leaves By Power Blower	20.79	
32 01 90 56-0004	MSF	Raking Grass Clippings By Hand	115.30	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

32 10 Bases, Ballasts, and Paving (32)

32 11 Base Courses (32 10)

32 11 16 Subbase Courses (32 11)

32 11 16 16 Aggregate Subbase Courses (32 11 16)

32 11 16 16-0001 Base And Subbase Courses For Roadways And Parking Areas (32 11 16 16)
Note: Includes 3/4" To 1-1/2" aggregate material, hauling up to 15 miles, dumping, spreading, grading, compacting and watering. See CSI section 01 74 19 00-0064 for hauling greater than 15 miles.

32 11 16 16-0002 Base And Subbase Courses By The CY (32 11 16 16-0001)

32 11 16 16-0003	CY	Graded Crushed Aggregate Roadway Base Course	116.58	
		For Limestone, Deduct	*-10.78*	

32 11 16 16-0004 Base And Subbase Courses For Roadways And Parking Areas By The SY (32 11 16 16-0001)

32 11 16 16-0005	SY	2" Crushed Aggregate Base Course For Roadways And Parking Areas	5.46	
		For Limestone, Deduct	*-0.41*	
		For Up To 500, Add	*1.41*	
		For >500 To 1,000, Add	*0.55*	
		For >5,000 To 10,000, Deduct	*-0.21*	
		For >10,000, Deduct	*-0.35*	
32 11 16 16-0006	SY	4" Crushed Aggregate Base Course For Roadways And Parking Areas	10.18	
		For Limestone, Deduct	*-0.68*	
		For Up To 500, Add	*2.68*	
		For >500 To 1,000, Add	*1.02*	
		For >5,000 To 10,000, Deduct	*-0.39*	
		For >10,000, Deduct	*-0.66*	
32 11 16 16-0007	SY	6" Crushed Aggregate Base Course For Roadways And Parking Areas	16.01	
		For Limestone, Deduct	*-1.16*	
		For Up To 500, Add	*4.17*	
		For >500 To 1,000, Add	*1.60*	
		For >5,000 To 10,000, Deduct	*-0.61*	
		For >10,000, Deduct	*-1.04*	
32 11 16 16-0008	SY	9" Crushed Aggregate Base Course For Roadways And Parking Areas	23.25	
		For Limestone, Deduct	*-1.60*	
		For Up To 500, Add	*6.10*	
		For >500 To 1,000, Add	*2.33*	
		For >5,000 To 10,000, Deduct	*-0.88*	
		For >10,000, Deduct	*-1.51*	
32 11 16 16-0009	SY	12" Crushed Aggregate Base Course For Roadways And Parking Areas	28.51	
		For Limestone, Deduct	*-2.42*	
		For Up To 500, Add	*7.23*	
		For >500 To 1,000, Add	*2.85*	
		For >5,000 To 10,000, Deduct	*-1.08*	
		For >10,000, Deduct	*-1.85*	

32 11 23 Aggregate Base Courses (32 11)

32 11 23 16 Aggregate Base Courses (32 11 23)

32 11 23 16-0001 Base Courses For Sidewalk (Asphalt Or Concrete) (32 11 23 16)
Note: Includes material, hauling up to 15 miles, placement, spreading, grading, and compaction. See CSI section 01 74 19 00-0064 for hauling greater than 15 miles.

32 11 23 16-0002	SF	2" Crushed Aggregate Base Course For Sidewalks	0.76	
		For Up To 1,000, Add	*0.21*	
		For >1,000 To 2,500, Add	*0.08*	
32 11 23 16-0003	SF	3" Crushed Aggregate Base Course For Sidewalks	1.07	
		For Up To 1,000, Add	*0.29*	
		For >1,000 To 2,500, Add	*0.11*	
32 11 23 16-0004	SF	4" Crushed Aggregate Base Course For Sidewalks	1.38	
		For Up To 1,000, Add	*0.38*	
		For >1,000 To 2,500, Add	*0.14*	
32 11 23 16-0005	SF	5" Crushed Aggregate Base Course For Sidewalks	1.79	
		For Up To 1,000, Add	*0.49*	
		For >1,000 To 2,500, Add	*0.18*	
32 11 23 16-0006	SF	6" Crushed Aggregate Base Course For Sidewalks	2.20	
		For Up To 1,000, Add	*0.60*	
		For >1,000 To 2,500, Add	*0.22*	
32 11 23 16-0007	SF	7" Crushed Aggregate Base Course For Sidewalks	2.54	
		For Up To 1,000, Add	*0.70*	
		For >1,000 To 2,500, Add	*0.25*	
32 11 23 16-0008	SF	8" Crushed Aggregate Base Course For Sidewalks	2.87	
		For Up To 1,000, Add	*0.79*	
		For >1,000 To 2,500, Add	*0.29*	

32 11 26 Asphaltic Base Courses (32 11)

32 11 26 19 Bituminous-Stabilized Base Courses (32 11 26)

32 11 26 19-0001 Bituminous-Stabilized Base Courses (32 11 26 19)

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 11 26 19-0002	CY	Bituminous Stabilized Base Course Note: 3/4" ASTM C33.	92.63	

32 12 Flexible Paving *(32 10)*

32 12 13 Preparatory Coats *(32 12)*

32 12 13 13 Tack Coats *(32 12 13)*

32 12 13 13-0001	SY	Tack Coat, 0.04 Gallon/SY	0.64
		For Up To 150, Add	*0.12*
		For >150 To 300, Add	*0.06*
		For >300 To 500, Add	*0.03*
		For >3,500 To 5,000, Deduct	*-0.02*
		For >5,000, Deduct	*-0.04*
32 12 13 13-0002	SY	Tack Coat, 0.05 Gallon/SY	0.71
		For Up To 150, Add	*0.14*
		For >150 To 300, Add	*0.07*
		For >300 To 500, Add	*0.04*
		For >3,500 To 5,000, Deduct	*-0.02*
		For >5,000, Deduct	*-0.04*
32 12 13 13-0003	SY	Tack Coat, 0.07 Gallon/SY	0.84
		For Up To 150, Add	*0.17*
		For >150 To 300, Add	*0.08*
		For >300 To 500, Add	*0.04*
		For >3,500 To 5,000, Deduct	*-0.02*
		For >5,000, Deduct	*-0.05*
32 12 13 13-0004	SY	Tack Coat, 0.08 Gallon/SY	0.91
		For Up To 150, Add	*0.19*
		For >150 To 300, Add	*0.09*
		For >300 To 500, Add	*0.05*
		For >3,500 To 5,000, Deduct	*-0.02*
		For >5,000, Deduct	*-0.06*
32 12 13 13-0005	SY	Tack Coat, 0.10 Gallon/SY	1.05
		For Up To 150, Add	*0.23*
		For >150 To 300, Add	*0.11*
		For >300 To 500, Add	*0.05*
		For >3,500 To 5,000, Deduct	*-0.03*
		For >5,000, Deduct	*-0.07*
32 12 13 13-0006	SY	Tack Coat, 0.11 Gallon/SY	1.11
		For Up To 150, Add	*0.24*
		For >150 To 300, Add	*0.11*
		For >300 To 500, Add	*0.06*
		For >3,500 To 5,000, Deduct	*-0.03*
		For >5,000, Deduct	*-0.07*

32 12 16 Asphalt Paving *(32 12)*

32 12 16 13 Plant-Mix Asphalt Paving *(32 12 16)*

Note: Includes delivery up to 15 miles, placement, rolling, finishing and sweeping. Excludes base, tack or price coat, seal coats and roadway fabrics (where required). See CSI section 01 74 19 00-0064 for hauling greater than 15 miles, 32 12 13 13-0000 for tack coats.

32 12 16 13-0001 Minimum Charge For Asphalt Placement *(32 12 16 13)*

Note: Excludes mobilization.

32 12 16 13-0002	EA	Asphalt Placement Minimum Charge Note: Use this task exclusively for projects where the total asphalt placement charge is less than the minimum charge. This task is applicable for asphalt placed by paver/screed and not when asphalt is placed by hand. This task cannot be used in conjunction with any other bituminous paving tasks.	3,569.76

32 12 16 39 Paving Fabrics *(32 12 16)*

See CSI section 31 32 19 16-0000 for geotextile fabric.

32 12 16 39-0001 Geotextile Paving Fabrics *(32 12 16 39)*

32 12 16 39-0002	SY	3.6 Ounce/SY, 90 LB Grab Tensile Nonwoven Polypropylene Geotextile Paving Fabric (Carthage Mills FX-38A/O)	1.98
		For Up To 50, Add	*0.45*
		For >50 To 150, Add	*0.33*
		For >150 To 250, Add	*0.22*
		For >250 To 500, Add	*0.11*
32 12 16 39-0003	SY	4.1 Ounce/SY, 101 LB Grab Tensile Nonwoven Polypropylene Geotextile Paving Fabric (Carthage Mills FX-42 A/O)	2.13
		For Up To 50, Add	*0.48*
		For >50 To 150, Add	*0.35*
		For >150 To 250, Add	*0.23*
		For >250 To 500, Add	*0.12*

32 12 16 43 Waterproofing Membranes *(32 12 16)*

32 12 16 43-0001 Waterproofing Membranes *(32 12 16 43)*

32 12 16 43-0002	SY	Up To 500 SY, Preformed Rubberized Asphalt Membrane	35.14
32 12 16 43-0003	SY	>500 To 1,000 SY, Preformed Rubberized Asphalt Membrane	25.88
32 12 16 43-0004	SY	>1,000 SY, Preformed Rubberized Asphalt Membrane	15.33

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

32 12 36 Seal Coats *(32 12)*

See CSI section 32 01 13 62-0000 for slurry seal.

32 12 36 13 Asphaltic Seal and Fog Coats *(32 12 36)*

32 12 36 13-0001 Asphalt Emulsion Seal Coat (Chip Seal) *(32 12 36 13)*

Note: Includes initial sweeping prior to placement, cleaning of area, rolling and final sweeping. Excludes crack repair, fog sealer, and any additional consecutive days sweeping following final sweeping. See CSI section 32 12 36 13-0047 for fog seal.

32 12 36 13-0002 Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal) *(32 12 36 13-0001)*

Note: 12 to 20 Pounds Per SY of 1/4" No. 10 with 0.15 to 0.30 gallons asphalt emulsion per SY.

32 12 36 13-0003	SY	Up To 200 SY, Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	5.18	
		For Each Additional 0.5% Latex Additive, Add	*0.57*	
32 12 36 13-0004	SY	>200 To 500 SY, Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	4.68	
		For Each Additional 0.5% Latex Additive, Add	*0.57*	
32 12 36 13-0005	SY	>500 To 1,000 SY, Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	4.46	
		For Each Additional 0.5% Latex Additive, Add	*0.57*	
32 12 36 13-0006	SY	>1,000 To 5,000 SY, Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	4.22	
		For Each Additional 0.5% Latex Additive, Add	*0.57*	
32 12 36 13-0007	SY	>5,000 To 10,000 SY, Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	4.08	
		For Each Additional 0.5% Latex Additive, Add	*0.57*	
32 12 36 13-0008	SY	>10,000 To 20,000 SY, Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	3.98	
		For Each Additional 0.5% Latex Additive, Add	*0.57*	
32 12 36 13-0009	SY	>20,000 To 50,000 SY, Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	3.85	
		For Each Additional 0.5% Latex Additive, Add	*0.57*	
32 12 36 13-0010	SY	>50,000 SY, Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	3.78	
		For Each Additional 0.5% Latex Additive, Add	*0.57*	

32 12 36 13-0011 Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal) *(32 12 36 13-0001)*

Note: 16 to 25 Pounds Per SY of 5/16" No. 8 with 0.25 to 0.35 gallons asphalt emulsion per SY.

32 12 36 13-0012	SY	Up To 200 SY, Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	6.03	
		For Each Additional 0.5% Latex Additive, Add	*0.71*	
32 12 36 13-0013	SY	>200 To 500 SY, Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	5.47	
		For Each Additional 0.5% Latex Additive, Add	*0.71*	
32 12 36 13-0014	SY	>500 To 1,000 SY, Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	5.20	
		For Each Additional 0.5% Latex Additive, Add	*0.71*	
32 12 36 13-0015	SY	>1,000 To 5,000 SY, Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	5.04	
		For Each Additional 0.5% Latex Additive, Add	*0.71*	
32 12 36 13-0016	SY	>5,000 To 10,000 SY, Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	4.75	
		For Each Additional 0.5% Latex Additive, Add	*0.71*	
32 12 36 13-0017	SY	>10,000 To 20,000 SY, Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	4.56	
		For Each Additional 0.5% Latex Additive, Add	*0.71*	
32 12 36 13-0018	SY	>20,000 To 50,000 SY, Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	4.40	
		For Each Additional 0.5% Latex Additive, Add	*0.71*	
32 12 36 13-0019	SY	>50,000 SY, Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	4.32	
		For Each Additional 0.5% Latex Additive, Add	*0.71*	

32 12 36 13-0020 Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal) *(32 12 36 13-0001)*

Note: 20 to 30 Pounds Per SY of 3/8" No. 6 with 0.25 to 0.40 gallons asphalt emulsion per SY.

32 12 36 13-0021	SY	Up To 200 SY, Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	6.77	
		For Each Additional 0.5% Latex Additive, Add	*0.85*	
32 12 36 13-0022	SY	>200 To 500 SY, Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	6.14	
		For Each Additional 0.5% Latex Additive, Add	*0.85*	
32 12 36 13-0023	SY	>500 To 1,000 SY, Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	5.83	
		For Each Additional 0.5% Latex Additive, Add	*0.85*	
32 12 36 13-0024	SY	>1,000 To 5,000 SY, Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	5.48	
		For Each Additional 0.5% Latex Additive, Add	*0.85*	
32 12 36 13-0025	SY	>5,000 To 10,000 SY, Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	5.29	
		For Each Additional 0.5% Latex Additive, Add	*0.85*	
32 12 36 13-0026	SY	>10,000 To 20,000 SY, Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	5.03	
		For Each Additional 0.5% Latex Additive, Add	*0.85*	
32 12 36 13-0027	SY	>20,000 To 50,000 SY, Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	4.85	
		For Each Additional 0.5% Latex Additive, Add	*0.85*	
32 12 36 13-0028	SY	>50,000 SY, Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	4.76	
		For Each Additional 0.5% Latex Additive, Add	*0.85*	

32 12 36 13-0029 Course Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal) *(32 12 36 13-0001)*

Note: 23 to 35 Pounds Per SY of 1/2" No. 4 with 0.30 to 0.40 gallons asphalt emulsion per SY.

32 12 36 13-0030	SY	Up To 200 SY, Coarse Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	6.85	
		For Each Additional 0.5% Latex Additive, Add	*0.97*	
32 12 36 13-0031	SY	>200 To 500 SY, Coarse Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	6.22	
		For Each Additional 0.5% Latex Additive, Add	*0.97*	
32 12 36 13-0032	SY	>500 To 1,000 SY, Coarse Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	5.91	
		For Each Additional 0.5% Latex Additive, Add	*0.97*	
32 12 36 13-0033	SY	>1,000 To 5,000 SY, Coarse Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	5.56	
		For Each Additional 0.5% Latex Additive, Add	*0.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 12 36 13-0034	SY	>5,000 To 10,000 SY, Coarse Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	5.38	
		For Each Additional 0.5% Latex Additive, Add	*0.97*	
32 12 36 13-0035	SY	>10,000 To 20,000 SY, Coarse Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	5.19	
		For Each Additional 0.5% Latex Additive, Add	*0.97*	
32 12 36 13-0036	SY	>20,000 To 50,000 SY, Coarse Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	4.94	
		For Each Additional 0.5% Latex Additive, Add	*0.97*	
32 12 36 13-0037	SY	>50,000 SY, Coarse Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	4.84	
		For Each Additional 0.5% Latex Additive, Add	*0.97*	

32 12 36 13-0038 Double Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal) *(32 12 36 13-0001)*

Note: First coat 23 to 30 Pounds Per SY of 1/2" No. 4 with 0.20 to 0.35 gallons asphalt emulsion per SY, Second coat 12 to 20 Pounds Per SY of 1/4" No. 10 with 0.20 to 0.30 gallons asphalt emulsion per SY.

32 12 36 13-0039	SY	Up To 200 SY, Double Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	10.34	
		For Each Additional 0.5% Latex Additive, Add	*1.41*	
32 12 36 13-0040	SY	>200 To 500 SY, Double Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	9.52	
		For Each Additional 0.5% Latex Additive, Add	*1.41*	
32 12 36 13-0041	SY	>500 To 1,000 SY, Double Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	9.07	
		For Each Additional 0.5% Latex Additive, Add	*1.41*	
32 12 36 13-0042	SY	>1,000 To 5,000 SY, Double Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	8.55	
		For Each Additional 0.5% Latex Additive, Add	*1.41*	
32 12 36 13-0043	SY	>5,000 To 10,000 SY, Double Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	8.27	
		For Each Additional 0.5% Latex Additive, Add	*1.41*	
32 12 36 13-0044	SY	>10,000 To 20,000 SY, Double Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	7.93	
		For Each Additional 0.5% Latex Additive, Add	*1.41*	
32 12 36 13-0045	SY	>20,000 To 50,000 SY, Double Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	7.66	
		For Each Additional 0.5% Latex Additive, Add	*1.41*	
32 12 36 13-0046	SY	>50,000 SY, Double Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	7.54	
		For Each Additional 0.5% Latex Additive, Add	*1.41*	

32 12 36 13-0047 Fog Seal, CQS-1h *(32 12 36 13)*

Note: A fog seal is a light application of diluted, slow-setting asphalt emulsion without aggregate cover. Includes sweeping and cleaning of area.

32 12 36 13-0048	SY	Up To 200 SY, CQS-1h, Fog Seal	1.95
32 12 36 13-0049	SY	>200 To 500 SY, CQS-1h, Fog Seal	1.41
32 12 36 13-0050	SY	>500 To 1,000 SY, CQS-1h, Fog Seal	1.20
32 12 36 13-0051	SY	>1,000 To 5,000 SY, CQS-1h, Fog Seal	1.03
32 12 36 13-0052	SY	>5,000 To 10,000 SY, CQS-1h, Fog Seal	0.94
32 12 36 13-0053	SY	>10,000 To 20,000 SY, CQS-1h, Fog Seal	0.86
32 12 36 13-0054	SY	>20,000 To 50,000 SY, CQS-1h, Fog Seal	0.80
32 12 36 13-0055	SY	>50,000 SY, CQS-1h, Fog Seal	0.78

32 12 36 13-0056 Sand Sealer *(32 12 36 13)*

Note: A sand seal is an application of asphalt binder followed by placement of a layer of sand or fine aggregate, and then rolled to embed the sand or fine aggregate into the binder. Includes sweeping and cleaning of area.

32 12 36 13-0057	SY	Up To 200 SY, Sand Seal	2.78
32 12 36 13-0058	SY	>200 To 500 SY, Sand Seal	1.86
32 12 36 13-0059	SY	>500 To 1,000 SY, Sand Seal	1.83
32 12 36 13-0060	SY	>1,000 To 5,000 SY, Sand Seal	1.62
32 12 36 13-0061	SY	>5,000 To 10,000 SY, Sand Seal	1.50
32 12 36 13-0062	SY	>10,000 To 20,000 SY, Sand Seal	1.40
32 12 36 13-0063	SY	>20,000 To 50,000 SY, Sand Seal	1.34
32 12 36 13-0064	SY	>50,000 SY, Sand Seal	1.31

32 12 36 13-0065 Polymer Enhanced Pavement Sealer *(32 12 36 13)*

Note: Includes sweeping and cleaning of area.

32 12 36 13-0066	SY	Up To 200 SY, Polymer Enhanced Pavement Sealer Note: 0.12 gallons per SY.	5.36
32 12 36 13-0067	SY	>200 To 500 SY, Polymer Enhanced Pavement Sealer Note: 0.12 gallons per SY.	4.73
32 12 36 13-0068	SY	>500 To 1,000 SY, Polymer Enhanced Pavement Sealer Note: 0.12 gallons per SY.	3.18
32 12 36 13-0069	SY	>1,000 To 5,000 SY, Polymer Enhanced Pavement Sealer Note: 0.12 gallons per SY.	2.27
32 12 36 13-0070	SY	>5,000 To 10,000 SY, Polymer Enhanced Pavement Sealer Note: 0.12 gallons per SY.	1.62
32 12 36 13-0071	SY	>10,000 To 20,000 SY, Polymer Enhanced Pavement Sealer Note: 0.12 gallons per SY.	1.46
32 12 36 13-0072	SY	>20,000 To 50,000 SY, Polymer Enhanced Pavement Sealer Note: 0.12 gallons per SY.	1.30
32 12 36 13-0073	SY	>50,000 SY, Polymer Enhanced Pavement Sealer Note: 0.12 gallons per SY.	1.22

32 12 36 16 Coal Tar Seal Coats *(32 12 36)*

32 12 36 16-0001 Thermoplastic Coal-Tar Asphalt Seal *(32 12 36 16)*

Note: Includes sweeping and cleaning of area.

32 12 36 16-0002	SY	Up To 500 SY, Type I Thermoplastic Coal-Tar Asphalt Seal	16.08
32 12 36 16-0003	SY	>500 To 1,000 SY, Type I Thermoplastic Coal-Tar Asphalt Seal	15.13

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 12 36 16-0004	SY	>1,000 To 5,000 SY, Type I Thermoplastic Coal-Tar Asphalt Seal	13.34	
32 12 36 16-0005	SY	>5,000 To 20,000 SY, Type I Thermoplastic Coal-Tar Asphalt Seal	11.98	
32 12 36 16-0006	SY	>20,000 To 50,000 SY, Type I Thermoplastic Coal-Tar Asphalt Seal	10.19	
32 12 36 16-0007	SY	>50,000 SY, Type I Thermoplastic Coal-Tar Asphalt Seal	8.40	
32 12 36 16-0008	SY	Up To 500 SY, Type II Thermoplastic Coal-Tar Asphalt Seal	19.56	
32 12 36 16-0009	SY	>500 To 1,000 SY, Type II Thermoplastic Coal-Tar Asphalt Seal	18.49	
32 12 36 16-0010	SY	>1,000 To 5,000 SY, Type II Thermoplastic Coal-Tar Asphalt Seal	16.34	
32 12 36 16-0011	SY	>5,000 To 20,000 SY, Type II Thermoplastic Coal-Tar Asphalt Seal	14.73	
32 12 36 16-0012	SY	>20,000 To 50,000 SY, Type II Thermoplastic Coal-Tar Asphalt Seal	12.59	
32 12 36 16-0013	SY	>50,000 SY, Type II Thermoplastic Coal-Tar Asphalt Seal	10.44	

32 12 43 Porous Flexible Paving *(32 12)*

32 12 43 00-0001 Flexible Recycled Plastic Porous Grid *(32 12 43)*

Note: Includes sand fill in rings. Excludes base, earth work and grass or sod.

32 12 43 00-0002	SY	1" Thick, Recycled Plastic Flexible Pavement With Sand Fill	41.02	
		Note: Includes sand fill in rings. Excludes base, earth work and grass or sod. Invisible Structures, Inc.; Grasspave2.		
		For Up To 100, Add	*14.07*	
		For >100 To 500, Add	*3.58*	
		For >1,000 To 5,000, Deduct	*-1.53*	
		For >5,000, Deduct	*-3.06*	

32 13 Rigid Paving *(32 10)*

32 13 13 Concrete Paving *(32 13)*

Note: The following section includes spreading and placing delivered Portland cement concrete mix.

32 13 13 33 Plain Concrete Paving *(32 13 13)*

32 13 13 33-0001 Concrete Paving Assemblies *(32 13 13 33)*

Note: Includes forms, wire mesh (where necessary), two mat layers #3-#6 reinforcing rods at 12" on center with chairs (where necessary), vapor barrier, concrete, curing, latex or hot asphalt expansion joints, control joints, screed, float and finish. Excludes excavation, base and earthwork. Includes concrete paving machine. To be used for roadways, driveways, parking areas, or other areas of vehicular traffic. See CSI section 03 05 13 00-0001 for color additive.

32 13 13 33-0002 4,500 PSI Concrete Paving Assembly *(32 13 13 33-0001)*

32 13 13 33-0003	SY	4" 4,500 PSI Concrete Paving Assembly	69.08	
		For 2,500 PSI Concrete, Deduct	*-4.04*	
		For 3,000 PSI Concrete, Deduct	*-2.63*	
		For 3,500 PSI Concrete, Deduct	*-2.11*	
		For 4,000 PSI Concrete, Deduct	*-0.91*	
		For 5,000 PSI Concrete, Add	*0.56*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*4.56*	
		For <12' Wide Pass, Add	*12.00*	
		For 24' Or Greater Wide Pass, Deduct	*-13.82*	
		For Air Entrainment, Add	*1.76*	
		For Slipforming, Deduct	*-6.91*	
		For Up To 100, Add	*27.40*	
		For >100 To 250, Add	*15.46*	
		For >250 To 500, Add	*7.73*	
		For >1,000 To 2,000, Deduct	*-1.76*	
		For >2,000 To 5,000, Deduct	*-3.48*	
		For >5,000 To 10,000, Deduct	*-5.21*	
		For >10,000 To 20,000, Deduct	*-6.94*	
		For >20,000, Deduct	*-8.66*	
32 13 13 33-0004	SY	5" 4,500 PSI Concrete Paving Assembly	81.81	
		For 2,500 PSI Concrete, Deduct	*-5.07*	
		For 3,000 PSI Concrete, Deduct	*-3.31*	
		For 3,500 PSI Concrete, Deduct	*-2.64*	
		For 4,000 PSI Concrete, Deduct	*-1.15*	
		For 5,000 PSI Concrete, Add	*0.71*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*5.73*	
		For <12' Wide Pass, Add	*13.84*	
		For 24' Or Greater Wide Pass, Deduct	*-16.36*	
		For Air Entrainment, Add	*2.20*	
		For Slipforming, Deduct	*-8.18*	
		For Up To 100, Add	*31.46*	
		For >100 To 250, Add	*17.93*	
		For >250 To 500, Add	*8.97*	
		For >1,000 To 2,000, Deduct	*-2.20*	
		For >2,000 To 5,000, Deduct	*-4.25*	
		For >5,000 To 10,000, Deduct	*-6.29*	
		For >10,000 To 20,000, Deduct	*-8.34*	
		For >20,000, Deduct	*-10.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 13 13 33-0005	SY	6" 4,500 PSI Concrete Paving Assembly	87.38	
		For 2,500 PSI Concrete, Deduct	*-5.35*	
		For 3,000 PSI Concrete, Deduct	*-3.49*	
		For 3,500 PSI Concrete, Deduct	*-2.79*	
		For 4,000 PSI Concrete, Deduct	*-1.21*	
		For 5,000 PSI Concrete, Add	*0.74*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*6.04*	
		For <12' Wide Pass, Add	*14.87*	
		For 24' Or Greater Wide Pass, Deduct	*-17.48*	
		For Air Entrainment, Add	*2.32*	
		For Slipforming, Deduct	*-8.74*	
		For Up To 100, Add	*33.83*	
		For >100 To 250, Add	*19.24*	
		For >250 To 500, Add	*9.62*	
		For >1,000 To 2,000, Deduct	*-2.32*	
		For >2,000 To 5,000, Deduct	*-4.51*	
		For >5,000 To 10,000, Deduct	*-6.69*	
		For >10,000 To 20,000, Deduct	*-8.88*	
		For >20,000, Deduct	*-11.06*	
32 13 13 33-0006	SY	7" 4,500 PSI Concrete Paving Assembly	103.92	
		For 2,500 PSI Concrete, Deduct	*-6.74*	
		For 3,000 PSI Concrete, Deduct	*-4.40*	
		For 3,500 PSI Concrete, Deduct	*-3.52*	
		For 4,000 PSI Concrete, Deduct	*-1.52*	
		For 5,000 PSI Concrete, Add	*0.94*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*7.62*	
		For <12' Wide Pass, Add	*17.19*	
		For 24' Or Greater Wide Pass, Deduct	*-20.78*	
		For Air Entrainment, Add	*2.93*	
		For Slipforming, Deduct	*-10.39*	
		For Up To 100, Add	*38.90*	
		For >100 To 250, Add	*22.38*	
		For >250 To 500, Add	*11.19*	
		For >1,000 To 2,000, Deduct	*-2.93*	
		For >2,000 To 5,000, Deduct	*-5.53*	
		For >5,000 To 10,000, Deduct	*-8.13*	
		For >10,000 To 20,000, Deduct	*-10.73*	
		For >20,000, Deduct	*-13.32*	
32 13 13 33-0007	SY	8" 4,500 PSI Concrete Paving Assembly	118.70	
		For 2,500 PSI Concrete, Deduct	*-7.40*	
		For 3,000 PSI Concrete, Deduct	*-4.83*	
		For 3,500 PSI Concrete, Deduct	*-3.86*	
		For 4,000 PSI Concrete, Deduct	*-1.67*	
		For 5,000 PSI Concrete, Add	*1.03*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*8.36*	
		For <12' Wide Pass, Add	*20.02*	
		For 24' Or Greater Wide Pass, Deduct	*-23.74*	
		For Air Entrainment, Add	*3.22*	
		For Slipforming, Deduct	*-11.87*	
		For Up To 100, Add	*45.48*	
		For >100 To 250, Add	*25.96*	
		For >250 To 500, Add	*12.98*	
		For >1,000 To 2,000, Deduct	*-3.22*	
		For >2,000 To 5,000, Deduct	*-6.18*	
		For >5,000 To 10,000, Deduct	*-9.15*	
		For >10,000 To 20,000, Deduct	*-12.12*	
		For >20,000, Deduct	*-15.09*	
32 13 13 33-0008	SY	9" 4,500 PSI Concrete Paving Assembly	134.37	
		For 2,500 PSI Concrete, Deduct	*-8.55*	
		For 3,000 PSI Concrete, Deduct	*-5.58*	
		For 3,500 PSI Concrete, Deduct	*-4.46*	
		For 4,000 PSI Concrete, Deduct	*-1.93*	
		For 5,000 PSI Concrete, Add	*1.19*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*9.67*	
		For <12' Wide Pass, Add	*22.44*	
		For 24' Or Greater Wide Pass, Deduct	*-26.87*	
		For Air Entrainment, Add	*3.72*	
		For Slipforming, Deduct	*-13.44*	
		For Up To 100, Add	*50.88*	
		For >100 To 250, Add	*29.16*	
		For >250 To 500, Add	*14.58*	
		For >1,000 To 2,000, Deduct	*-3.72*	
		For >2,000 To 5,000, Deduct	*-7.08*	
		For >5,000 To 10,000, Deduct	*-10.44*	
		For >10,000 To 20,000, Deduct	*-13.80*	
		For >20,000, Deduct	*-17.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 13 13 33-0009	SY	10" 4,500 PSI Concrete Paving Assembly	149.74	
		For 2,500 PSI Concrete, Deduct	*-9.41*	
		For 3,000 PSI Concrete, Deduct	*-6.13*	
		For 3,500 PSI Concrete, Deduct	*-4.91*	
		For 4,000 PSI Concrete, Deduct	*-2.13*	
		For 5,000 PSI Concrete, Add	*1.31*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*10.63*	
		For <12' Wide Pass, Add	*25.17*	
		For 24' Or Greater Wide Pass, Deduct	*-29.95*	
		For Air Entrainment, Add	*4.09*	
		For Slipforming, Deduct	*-14.97*	
		For Up To 100, Add	*57.13*	
		For >100 To 250, Add	*32.65*	
		For >250 To 500, Add	*16.33*	
		For >1,000 To 2,000, Deduct	*-4.09*	
		For >2,000 To 5,000, Deduct	*-7.83*	
		For >5,000 To 10,000, Deduct	*-11.58*	
		For >10,000 To 20,000, Deduct	*-15.32*	
		For >20,000, Deduct	*-19.06*	
32 13 13 33-0010	SY	12" 4,500 PSI Concrete Paving Assembly	178.38	
		For 2,500 PSI Concrete, Deduct	*-11.14*	
		For 3,000 PSI Concrete, Deduct	*-7.26*	
		For 3,500 PSI Concrete, Deduct	*-5.81*	
		For 4,000 PSI Concrete, Deduct	*-2.52*	
		For 5,000 PSI Concrete, Add	*1.55*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*12.59*	
		For <12' Wide Pass, Add	*30.07*	
		For 24' Or Greater Wide Pass, Deduct	*-35.68*	
		For Air Entrainment, Add	*4.84*	
		For Slipforming, Deduct	*-17.84*	
		For Up To 100, Add	*68.29*	
		For >100 To 250, Add	*38.99*	
		For >250 To 500, Add	*19.49*	
		For >1,000 To 2,000, Deduct	*-4.84*	
		For >2,000 To 5,000, Deduct	*-9.30*	
		For >5,000 To 10,000, Deduct	*-13.76*	
		For >10,000 To 20,000, Deduct	*-18.22*	
		For >20,000, Deduct	*-22.68*	
32 13 13 33-0011	SY	15" 4,500 PSI Concrete Paving Assembly	227.14	
		For 2,500 PSI Concrete, Deduct	*-13.68*	
		For 3,000 PSI Concrete, Deduct	*-8.92*	
		For 3,500 PSI Concrete, Deduct	*-7.14*	
		For 4,000 PSI Concrete, Deduct	*-3.09*	
		For 5,000 PSI Concrete, Add	*1.90*	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	*15.46*	
		For <12' Wide Pass, Add	*38.95*	
		For 24' Or Greater Wide Pass, Deduct	*-45.43*	
		For Air Entrainment, Add	*5.95*	
		For Slipforming, Deduct	*-22.71*	
		For Up To 100, Add	*88.71*	
		For >100 To 250, Add	*50.30*	
		For >250 To 500, Add	*25.15*	
		For >1,000 To 2,000, Deduct	*-5.95*	
		For >2,000 To 5,000, Deduct	*-11.63*	
		For >5,000 To 10,000, Deduct	*-17.30*	
		For >10,000 To 20,000, Deduct	*-22.98*	
		For >20,000, Deduct	*-28.66*	

32 13 13 33-0012 Portland Cement Concrete Pavements And Sidewalks *(32 13 13 33)*

Note: The following City of Chicago, Department of Transportation standard site work tasks, assembly work tasks and shall be used in lieu of individual component tasks. Refer to the appropriate specifications for a complete definition of what is included in these work tasks. Excludes demolition, saw cutting, excavation, and aggregate base. See CSI section 02 41 13 43-0001 for demolition and sawcutting, 31 23 16 13-0021 for earthwork and excavation, 32 11 23 16-0001 for base and agregate.

32 13 13 33-0013	SF	P.C.C. Sidewalk, 5", (Up To 200)	14.38	
32 13 13 33-0014	SF	P.C.C. Sidewalk, 5", (>200 - 1,200)	13.10	
32 13 13 33-0015	SF	P.C.C. Sidewalk, 5", (>1,200 - 20,000)	11.82	
32 13 13 33-0016	SF	P.C.C. Sidewalk, 5", (>20,000)	10.55	
32 13 13 33-0017	SF	P.C.C. Sidewalk, 8", (Up To 200)	18.49	
32 13 13 33-0018	SF	P.C.C. Sidewalk, 8", (>200 - 1,200)	16.97	
32 13 13 33-0019	SF	P.C.C. Sidewalk, 8", (>1,200 - 20,000)	15.43	
32 13 13 33-0020	SF	P.C.C. Sidewalk, 8", (>20,000)	13.91	
32 13 13 33-0021	SF	High Early P.C.C. Sidewalk, 5", (Up To 200)	14.82	
32 13 13 33-0022	SF	High Early P.C.C. Sidewalk, 5", (>200 - 1,200)	13.54	
32 13 13 33-0023	SF	High Early P.C.C. Sidewalk, 5", (>1,200 - 20,000)	12.26	
32 13 13 33-0024	SF	High Early P.C.C. Sidewalk, 5", (>20,000)	10.99	
32 13 13 33-0025	SF	High Early P.C.C. Sidewalk, 8", (Up To 200)	19.20	
32 13 13 33-0026	SF	High Early P.C.C. Sidewalk, 8", (>200 - 1,200)	17.68	
32 13 13 33-0027	SF	High Early P.C.C. Sidewalk, 8", (>1,200 - 20,000)	16.14	
32 13 13 33-0028	SF	High Early P.C.C. Sidewalk, 8", (>20,000)	14.62	
32 13 13 33-0029	SF	P.C.C. Sidewalk, 5", (Special), (Up To 25)	29.93	
32 13 13 33-0030	SF	P.C.C. Sidewalk, 5", (Special), (>25 - 100)	28.64	
32 13 13 33-0031	SF	P.C.C. Sidewalk, 5", (Special), (>100 - 500)	27.33	
32 13 13 33-0032	SF	P.C.C. Sidewalk, 5", (Special), (>500)	26.04	
32 13 13 33-0033	SF	P.C.C. Sidewalk, 8", (Special), (Up To 25)	34.19	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 13 13 33-0034	SF	P.C.C. Sidewalk, 8", (Special), (>25 - 100)	32.66	
32 13 13 33-0035	SF	P.C.C. Sidewalk, 8", (Special), (>100 - 500)	32.31	
32 13 13 33-0036	SF	P.C.C. Sidewalk, 8", (Special), (>500)	30.79	
32 13 13 33-0037	SF	High Early P.C.C. Sidewalk, 5" (Special), (Up To 25)	30.38	
32 13 13 33-0038	SF	High Early P.C.C. Sidewalk, 5" (Special), (>25 - 100)	29.09	
32 13 13 33-0039	SF	High Early P.C.C. Sidewalk, 5" (Special), (>100 - 500)	27.78	
32 13 13 33-0040	SF	High Early P.C.C. Sidewalk, 5" (Special), (>500)	26.49	
32 13 13 33-0041	SF	High Early P.C.C. Sidewalk, 8" (Special), (Up To 25)	34.90	
32 13 13 33-0042	SF	High Early P.C.C. Sidewalk, 8" (Special), (>25 - 100)	33.37	
32 13 13 33-0043	SF	High Early P.C.C. Sidewalk, 8" (Special), (>100 - 500)	33.02	
32 13 13 33-0044	SF	High Early P.C.C. Sidewalk, 8" (Special), (>500)	31.50	
32 13 13 33-0045	SF	P.C.C. Driveway And Alley Pavements, 8", (Up To 180)	16.84	
32 13 13 33-0046	SF	P.C.C. Driveway And Alley Pavements, 8", (>180 - 450)	12.89	
32 13 13 33-0047	SF	P.C.C. Driveway And Alley Pavements, 8", (>450 - 900)	10.34	
32 13 13 33-0048	SF	P.C.C. Driveway And Alley Pavements, 8", (>900)	8.48	
32 13 13 33-0049	SF	P.C.C. Driveway And Alley Pavements, 10", (Up To 180)	17.76	
32 13 13 33-0050	SF	P.C.C. Driveway And Alley Pavements, 10", (>180 - 450)	13.95	
32 13 13 33-0051	SF	P.C.C. Driveway And Alley Pavements, 10", (>450 - 900)	12.44	
32 13 13 33-0052	SF	P.C.C. Driveway And Alley Pavements, 10", (>900)	10.37	
32 13 13 33-0053	SF	High Early P.C.C. Driveway And Alley Pavements, 8", (Up To 180)	16.35	
32 13 13 33-0054	SF	High Early P.C.C. Driveway And Alley Pavements, 8", (>180 - 450)	12.51	
32 13 13 33-0055	SF	High Early P.C.C. Driveway And Alley Pavements, 8", (>450 - 900)	10.14	
32 13 13 33-0056	SF	High Early P.C.C. Driveway And Alley Pavements, 8", (>900)	8.40	
32 13 13 33-0057	SF	High Early P.C.C. Driveway And Alley Pavements, 10", (Up To 180)	17.36	
32 13 13 33-0058	SF	High Early P.C.C. Driveway And Alley Pavements, 10", (>180 - 450)	13.63	
32 13 13 33-0059	SF	High Early P.C.C. Driveway And Alley Pavements, 10", (>450 - 900)	12.18	
32 13 13 33-0060	SF	High Early P.C.C. Driveway And Alley Pavements, 10", (>900)	10.27	
32 13 13 33-0061	SY	Protective Coat, (Up To 50)	9.59	
32 13 13 33-0062	SY	Protective Coat, (>50 - 150)	3.85	
32 13 13 33-0063	SY	Protective Coat, (>150 - 1,000)	2.03	
32 13 13 33-0064	SY	Protective Coat, (>1,000 - 7,000)	1.48	
32 13 13 33-0065	SY	Protective Coat, (>7,000)	1.19	
32 13 13 33-0066	SF	P.C.C. Sidewalk Topping, PAV-1, 4" (Up To 25)	8.32	
32 13 13 33-0067	SF	P.C.C. Sidewalk Topping, PAV-1, 4" (>25 - 100)	6.84	
32 13 13 33-0068	SF	P.C.C. Sidewalk Topping, PAV-1, 4" (>100 - 500)	5.35	
32 13 13 33-0069	SF	P.C.C. Sidewalk Topping, PAV-1, 4" (>500)	3.86	
32 13 13 33-0070	LF	P.C.C. Concrete Curb, Type B, (Up To 20)	50.03	
32 13 13 33-0071	LF	P.C.C. Concrete Curb, Type B, (>20 - 200)	40.07	
32 13 13 33-0072	LF	P.C.C. Concrete Curb, Type B, (>200 - 500)	33.35	
32 13 13 33-0073	LF	P.C.C. Concrete Curb, Type B, (>500)	29.88	
32 13 13 33-0074	LF	High Early P.C.C. Concrete Curb, Type B, (Up To 20)	52.98	
32 13 13 33-0075	LF	High Early P.C.C. Concrete Curb, Type B, (>20 - 200)	42.37	
32 13 13 33-0076	LF	High Early P.C.C. Concrete Curb, Type B, (>200 - 500)	35.19	
32 13 13 33-0077	LF	High Early P.C.C. Concrete Curb, Type B, (>500)	31.45	
32 13 13 33-0078	LF	Combination Concrete Curb And Gutter, Type B-V-12, (Up To 50)	62.99	
32 13 13 33-0079	LF	Combination Concrete Curb And Gutter, Type B-V-12, (>50 - 200)	46.76	
32 13 13 33-0080	LF	Combination Concrete Curb And Gutter, Type B-V-12, (>200 - 1,500)	39.29	
32 13 13 33-0081	LF	Combination Concrete Curb And Gutter, Type B-V-12, (>1,500 - 5,000)	31.11	
32 13 13 33-0082	LF	Combination Concrete Curb And Gutter, Type B-V-12, (>5000)	28.12	
32 13 13 33-0083	LF	High Strength Combination Concrete Curb And Gutter, Type B-V-12, (Up To 50)	65.47	
32 13 13 33-0084	LF	High Strength Combination Concrete Curb And Gutter, Type B-V-12, (>50 - 200)	50.46	
32 13 13 33-0085	LF	High Strength Combination Concrete Curb And Gutter, Type B-V-12, (>200 - 1,500)	44.47	
32 13 13 33-0086	LF	High Strength Combination Concrete Curb And Gutter, Type B-V-12, (>1,500 - 5,000)	36.49	
32 13 13 33-0087	LF	High Strength Combination Concrete Curb And Gutter, Type B-V-12, (>5,000)	33.59	
32 13 13 33-0088	SF	Concrete Median, 5 Inch, (Up To 250)	12.04	
32 13 13 33-0089	SF	Concrete Median, 5 Inch, (>250 - 1,000)	9.50	
32 13 13 33-0090	SF	Concrete Median, 5 Inch, (>1,000 - 2,500)	8.49	
32 13 13 33-0091	SF	Concrete Median, 5 Inch, (>2,500)	7.46	
32 13 13 33-0092	SF	Concrete Median, 10 Inch, (Up To 250)	16.02	
32 13 13 33-0093	SF	Concrete Median, 10 Inch, (>250 - 1,000)	12.73	
32 13 13 33-0094	SF	Concrete Median, 10 Inch, (>1,000 - 2,500)	10.07	
32 13 13 33-0095	SF	Concrete Median, 10 Inch, (>2,500)	8.35	
32 13 13 33-0096	SY	Up To 2,000, Bridge Deck Latex Concrete Overlay	99.75	
32 13 13 33-0097	SY	>2,000 To 5,000, Bridge Deck Latex Concrete Overlay	84.52	
32 13 13 33-0098	SY	>5,000, Bridge Deck Latex Concrete Overlay	69.27	
32 13 13 33-0099	LB	Reinforced Bars, Epoxy Coated	4.30	
32 13 13 33-0100	SF	Cast In Place Tactile/Detectable Warning Surface System for Ramps for People with Disabilities, Linear Tiles	70.82	
32 13 13 33-0101	SF	Cast In Place Tactile/Detectable Warning Surface System for Ramps for People with Disabilities, Radius Tiles	81.01	
32 13 13 33-0102	SY	Class C Patches, Type I, 10 Inches	141.28	
32 13 13 33-0103	SY	Class C Patches, Type II, 10 Inches	114.50	
32 13 13 33-0104	SY	Class C Patches, Type III, 10 Inches	114.50	
32 13 13 33-0105	SY	Class C Patches, Type IV, 10 Inches	88.58	
32 13 13 33-0106	CY	Class C Patches, Type I, Variable Depth	378.48	
32 13 13 33-0107	CY	Class C Patches, Type II, Variable Depth	378.48	
32 13 13 33-0108	CY	Class C Patches, Type III, Variable Depth	378.48	
32 13 13 33-0109	CY	Class C Patches, Type IV, Variable Depth	378.48	

32 13 73 Concrete Paving Joint Sealants *(32 13)*

32 13 73 13 Fuel-Resistant Concrete Paving Joint Sealants *(32 13 73)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 13 73 13-0001		Concrete Pavement Joint And Crack Repair *(32 13 73 13)* Note: Includes cutting joint, removal of existing material, sweeping and cleaning area.		
32 13 73 13-0002		Silicone Concrete Pavement Joint And Crack Repair *(32 13 73 13-0001)*		
32 13 73 13-0003	CLF	1/4" x 1/4" Joint, Silicone Concrete Pavement Joint And Crack Repair	665.12	
		For Custom Match Coloring, Add	*21.94*	
		For 1 Part Mildew Resistant, Add	*31.99*	
		For High-Modulus Non-Acid Curing, Add	*18.28*	
32 13 73 13-0004	CLF	1/4" x 3/8" Joint, Silicone Concrete Pavement Joint And Crack Repair	749.07	
		For Custom Match Coloring, Add	*32.91*	
		For 1 Part Mildew Resistant, Add	*47.99*	
		For High-Modulus Non-Acid Curing, Add	*27.42*	
32 13 73 13-0005	CLF	1/4" x 1/2" Joint, Silicone Concrete Pavement Joint And Crack Repair	833.02	
		For Custom Match Coloring, Add	*43.88*	
		For 1 Part Mildew Resistant, Add	*63.99*	
		For High-Modulus Non-Acid Curing, Add	*36.56*	
32 13 73 13-0006	CLF	3/8" x 3/8" Joint, Silicone Concrete Pavement Joint And Crack Repair	855.87	
		For Custom Match Coloring, Add	*49.36*	
		For 1 Part Mildew Resistant, Add	*71.98*	
		For High-Modulus Non-Acid Curing, Add	*41.13*	
32 13 73 13-0007	CLF	3/8" x 1/2" Joint, Silicone Concrete Pavement Joint And Crack Repair	943.55	
		For Custom Match Coloring, Add	*65.81*	
		For 1 Part Mildew Resistant, Add	*95.98*	
		For High-Modulus Non-Acid Curing, Add	*54.84*	
32 13 73 13-0008	CLF	3/8" x 5/8" Joint, Silicone Concrete Pavement Joint And Crack Repair	1,031.24	
		For Custom Match Coloring, Add	*82.27*	
		For 1 Part Mildew Resistant, Add	*119.97*	
		For High-Modulus Non-Acid Curing, Add	*68.56*	
32 13 73 13-0009	CLF	3/8" x 3/4" Joint, Silicone Concrete Pavement Joint And Crack Repair	1,138.04	
		For Custom Match Coloring, Add	*98.72*	
		For 1 Part Mildew Resistant, Add	*143.97*	
		For High-Modulus Non-Acid Curing, Add	*82.27*	
32 13 73 13-0010	CLF	1/2" x 1/2" Joint, Silicone Concrete Pavement Joint And Crack Repair	1,054.09	
		For Custom Match Coloring, Add	*87.75*	
		For 1 Part Mildew Resistant, Add	*127.97*	
		For High-Modulus Non-Acid Curing, Add	*73.13*	
32 13 73 13-0011	CLF	1/2" x 5/8" Joint, Silicone Concrete Pavement Joint And Crack Repair	1,221.99	
		For Custom Match Coloring, Add	*109.69*	
		For 1 Part Mildew Resistant, Add	*159.96*	
		For High-Modulus Non-Acid Curing, Add	*91.41*	
32 13 73 13-0012	CLF	1/2" x 3/4" Joint, Silicone Concrete Pavement Joint And Crack Repair	1,351.65	
		For Custom Match Coloring, Add	*131.63*	
		For 1 Part Mildew Resistant, Add	*191.96*	
		For High-Modulus Non-Acid Curing, Add	*109.69*	
32 13 73 13-0013	CLF	1/2" x 7/8" Joint, Silicone Concrete Pavement Joint And Crack Repair	1,481.30	
		For Custom Match Coloring, Add	*153.57*	
		For 1 Part Mildew Resistant, Add	*223.95*	
		For High-Modulus Non-Acid Curing, Add	*127.97*	
32 13 73 13-0014	CLF	1/2" x 1" Joint, Silicone Concrete Pavement Joint And Crack Repair	1,591.84	
		For Custom Match Coloring, Add	*175.50*	
		For 1 Part Mildew Resistant, Add	*255.94*	
		For High-Modulus Non-Acid Curing, Add	*146.25*	
32 13 73 13-0015	CLF	3/4" x 3/4" Joint, Silicone Concrete Pavement Joint And Crack Repair	1,702.36	
		For Custom Match Coloring, Add	*197.44*	
		For 1 Part Mildew Resistant, Add	*287.93*	
		For High-Modulus Non-Acid Curing, Add	*164.53*	
32 13 73 13-0016	CLF	3/4" x 1" Joint, Silicone Concrete Pavement Joint And Crack Repair	2,060.53	
		For Custom Match Coloring, Add	*274.22*	
		For 1 Part Mildew Resistant, Add	*399.91*	
		For High-Modulus Non-Acid Curing, Add	*228.52*	
32 13 73 13-0017	CLF	1" x 1" Joint, Silicone Concrete Pavement Joint And Crack Repair	2,418.72	
		For Custom Match Coloring, Add	*351.01*	
		For 1 Part Mildew Resistant, Add	*511.89*	
		For High-Modulus Non-Acid Curing, Add	*292.51*	
32 13 73 16		**Field-Molded Concrete Paving Joint Sealants** *(32 13 73)*		
32 13 73 16-0001		Preformed Elastomeric Concrete Pavement Joint And Crack Repair *(32 13 73 16)* Note: Includes cutting joint, removal of existing material, sweeping and cleaning area.		
32 13 73 16-0002	LF	Joint Sealing, Concrete Pavement Preformed Elastomeric	13.56	
32 13 73 19		**Compression Concrete Paving Joint Sealants** *(32 13 73)*		
32 13 73 19-0001		Silicone Joint Sealant For Concrete Pavement *(32 13 73 19)* Note: Installation includes high pressure water wash, sand blast, sweeping, cleaning area, backer rod and Dow Corning 888 silicone sealant. Demolition includes removal of existing material where saw cutting is not required. Excludes saw cutting.		
32 13 73 19-0002	LF	1/4" x 1/4" Expansion And Contraction Silicone Joint Sealant For Concrete Pavement	12.68	2.93
32 13 73 19-0003	LF	3/8" x 1/4" Expansion And Contraction Silicone Joint Sealant For Concrete Pavement	13.34	2.99
32 13 73 19-0004	LF	1/2" x 1/4" Expansion And Contraction Silicone Joint Sealant For Concrete Pavement	14.25	3.05
32 13 73 19-0005	LF	3/4" x 3/8" Expansion And Contraction Silicone Joint Sealant For Concrete Pavement	17.22	3.11
32 13 73 19-0006	LF	1" x 1/2" Expansion And Contraction Silicone Joint Sealant For Concrete Pavement	20.23	3.18
32 13 73 19-0007	LF	1-1/2" x 1/2" Expansion And Contraction Silicone Joint Sealant For Concrete Pavement	26.11	3.24

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 13 73 19-0008	LF	2" x 1/2" Expansion And Contraction Silicone Joint Sealant For Concrete Pavement	39.16	3.31

32 14 Unit Paving *(32 10)*

32 14 09 Paver Restraints *(32 14)*

32 14 09 00-0001 Paver Restraints *(32 14 09)*

Note: Paver restraints are used along the edge of a group of pavers as a locking border. Flexible or rigid sections. Includes stakes and connecting devices. Excludes pavers, bedding, excavation, base course and compaction.

32 14 09 00-0002	LF	Up To 2" Height, Vinyl Paver Restraint	5.43	1.34
		For >1,000 To 2,000, Deduct	*-0.73*	
		For >2,000 To 4,000, Deduct	*-1.06*	
		For >4,000, Deduct	*-1.35*	
32 14 09 00-0003	LF	Up To 2" Height, Galvanized Steel Paver Restraint	5.87	1.34
		For >500 To 1,000, Deduct	*-0.19*	
		For >1,000 To 2,000, Deduct	*-0.37*	
		For >2,000, Deduct	*-0.56*	
32 14 09 00-0004	LF	Up To 1" Height, Aluminum Paver Restraint	5.65	1.34
		For >250 To 500, Deduct	*-0.35*	
		For >500 To 1,000, Deduct	*-0.53*	
		For >1,000 To 1,500, Deduct	*-0.88*	
32 14 09 00-0005	LF	>1" To 2" Height, Aluminum Paver Restraint	6.64	1.34
		For >250 To 500, Deduct	*-0.45*	
		For >500 To 1,000, Deduct	*-0.68*	
		For >1,000 To 1,500, Deduct	*-1.13*	
32 14 09 00-0006	LF	>2" To 3" Height, Aluminum Paver Restraint	8.53	1.34
		For >250 To 500, Deduct	*-0.64*	
		For >500 To 1,000, Deduct	*-0.96*	
		For >1,000 To 1,500, Deduct	*-1.60*	
32 14 09 00-0007	LF	>3" To 4" Height, Aluminum Paver Restraint	9.99	1.34
		For >250 To 500, Deduct	*-0.79*	
		For >500 To 1,000, Deduct	*-1.18*	
		For >1,000 To 1,500, Deduct	*-1.97*	

32 14 11 Bedding for Unit Paving *(32 14)*

32 14 11 00-0001 Bedding For Brick, Precast Concrete Paver And Stone Sidewalk *(32 14 11)*

Note: Includes delivery up to 15 miles from the closest approved source, the cost for loading, and dumping. See CSI section 01 74 19 00-0064 for hauling greater than 15 miles.

32 14 11 00-0002	SF	1" To 2" Sand Bedding, Screeded	1.22	
		For Up To 100, Add	*0.55*	
		For >100 To 500, Add	*0.16*	
		For >1,000 To 5,000, Deduct	*-0.10*	
		For >5,000, Deduct	*-0.15*	
32 14 11 00-0003	SF	1" To 2" Stone Dust Bedding, Screeded	1.42	
		For Up To 100, Add	*0.60*	
		For >100 To 500, Add	*0.17*	
		For >1,000 To 5,000, Deduct	*-0.10*	
		For >5,000, Deduct	*-0.16*	
32 14 11 00-0004	SF	3" Stone Dust Bedding, Screeded	1.83	
		For Up To 100, Add	*0.75*	
		For >100 To 500, Add	*0.21*	
		For >1,000 To 5,000, Deduct	*-0.12*	
		For >5,000, Deduct	*-0.19*	
32 14 11 00-0005	SF	4" Stone Dust Bedding, Screeded	2.31	
		For Up To 100, Add	*0.93*	
		For >100 To 500, Add	*0.26*	
		For >1,000 To 5,000, Deduct	*-0.14*	
		For >5,000, Deduct	*-0.24*	
32 14 11 00-0006	SF	1" Mortar Bedding	3.92	
		For Up To 100, Add	*1.78*	
		For >100 To 500, Add	*0.51*	
		For >1,000 To 5,000, Deduct	*-0.32*	
		For >5,000, Deduct	*-0.50*	
32 14 11 00-0007	SF	2" Mortar Bedding	5.71	
		For Up To 100, Add	*2.49*	
		For >100 To 500, Add	*0.71*	
		For >1,000 To 5,000, Deduct	*-0.42*	
		For >5,000, Deduct	*-0.68*	
32 14 11 00-0008	SF	Thin-Set Latex Portland Cement Mortar	1.95	
		For Up To 100, Add	*0.91*	
		For >100 To 500, Add	*0.27*	
		For >1,000 To 5,000, Deduct	*-0.17*	
		For >5,000, Deduct	*-0.26*	

32 14 13 Precast Concrete Unit Paving *(32 14)*

32 14 13 16 Precast Concrete Unit Paving Slabs *(32 14 13)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 14 13 16-0001		**Precast Concrete Paver Sidewalk** *(32 14 13 16)* Note: Square, rectangular, or interlocking pervious pavers. Includes sand joints and all finishes. Excludes bedding, excavation, base course and compaction. See CSI section 31 23 16 00-0000 for excavation, 32 11 23 16-0001 for base course, 32 14 11 00-0001 for bedding.		
32 14 13 16-0002	SF	2-3/8" Thick, Up To 32 SI Precast Concrete Paver Note: Includes 2-1/2" x 5", 4" x 4", 4" x 6", 5" x 5", 4" x 8" and other similar size pavers.	13.91	3.96
		For 2-3/4" Concrete Paver, Add	*1.29*	
		For 3-1/8" Concrete Paver, Add	*2.09*	
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	*1.09*	
		For Up To 100, Add	*5.47*	
		For >100 To 500, Add	*1.49*	
		For >1,000 To 5,000, Deduct	*-0.80*	
		For >5,000, Deduct	*-1.37*	
		For 3/8" Grout Joint Add	*0.66*	
32 14 13 16-0003	SF	2-3/8" Thick, >32 to 64 SI Precast Concrete Paver Note: Includes 5" x 7", 6" x 6", 8" x 8" and other similar size pavers.	13.19	3.61
		For 2-3/4" Concrete Paver, Add	*1.26*	
		For 3-1/8" Concrete Paver, Add	*2.03*	
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	*1.02*	
		For Up To 100, Add	*5.11*	
		For >100 To 500, Add	*1.38*	
		For >1,000 To 5,000, Deduct	*-0.72*	
		For >5,000, Deduct	*-1.26*	
		For 3/8" Grout Joint Add	*0.60*	
32 14 13 16-0004	SF	2-3/8" Thick, >64 to 144 SI Precast Concrete Paver Note: Includes 6" x 12", 12" x 12" and other similar size pavers.	12.52	2.87
		For 2-3/4" Concrete Paver, Add	*1.22*	
		For 3-1/8" Concrete Paver, Add	*1.98*	
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	*0.95*	
		For Up To 100, Add	*4.77*	
		For >100 To 500, Add	*1.28*	
		For >1,000 To 5,000, Deduct	*-0.66*	
		For >5,000, Deduct	*-1.16*	
		For 3/8" Grout Joint Add	*0.55*	
32 14 13 16-0005	SF	2-3/8" Thick, >144 SI Precast Concrete Paver Note: Includes 16" x 16", 12" x 24", 18" x 18", 24" x 24", 24" x 36", 36" x 36" and other similar size pavers.	11.93	2.98
		For 2-3/4" Concrete Paver, Add	*1.19*	
		For 3-1/8" Concrete Paver, Add	*1.94*	
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	*0.90*	
		For Up To 100, Add	*4.48*	
		For >100 To 500, Add	*1.19*	
		For >1,000 To 5,000, Deduct	*-0.60*	
		For >5,000, Deduct	*-1.07*	
		For 3/8" Grout Joint Add	*0.51*	
32 14 13 16-0006	SF	2-3/8" Thick, Precast Concrete Paver, Combinations And Patterns Note: Patterns made by combining pavers from two or more size groups.	12.84	3.43
		For 2-3/4" Concrete Paver, Add	*1.24*	
		For 3-1/8" Concrete Paver, Add	*2.01*	
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	*0.99*	
		For Up To 100, Add	*4.93*	
		For >100 To 500, Add	*1.33*	
		For >1,000 To 5,000, Deduct	*-0.69*	
		For >5,000, Deduct	*-1.21*	
		For 3/8" Grout Joint Add	*0.58*	
32 14 13 19		**Porous Precast Concrete Unit Paving** *(32 14 13)*		
32 14 13 19-0001		**Turf Block** *(32 14 13 19)* Note: Grass grid, open-cell unit paver, geoblock.		
32 14 13 19-0002	SF	3-1/8" Thick, Precast Concrete Turf Block	13.55	3.43
		For Up To 100, Add	*5.11*	
		For >100 To 500, Add	*1.37*	
		For >1,000 To 5,000, Deduct	*-0.69*	
		For >5,000, Deduct	*-1.23*	
32 14 16		**Brick Unit Paving** *(32 14)*		
32 14 16 00-0001		**Brick Paver Sidewalk** *(32 14 16)* Note: Includes sand joints. Excludes bedding, excavation, base course and compaction. See CSI section 31 23 16 00-0000 for excavation, 32 11 23 16-0001 for base course, 32 14 11 00-0001 for bedding.		
32 14 16 00-0002	SF	4" x 8" x 2-1/4" Brick Paver, Laid Flat	16.72	3.96
		For 1-3/8" Thick Paver, Deduct	*-3.47*	
		For 2-3/4" Thick Paver (Vehicular), Add	*7.88*	
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	*1.23*	
		For Up To 100, Add	*6.17*	
		For >100 To 500, Add	*1.63*	
		For >1,000 To 5,000, Deduct	*-0.80*	
		For >5,000, Deduct	*-1.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 14 16 00-0003	SF	4" x 8" x 2-1/4" Brick, Laid On Edge	24.63	4.52
		For 1-3/8" Thick Paver, Deduct	*-5.91*	
		For 2-3/4" Thick Paver (Vehicular), Add	*13.75*	
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	*1.68*	
		For Up To 100, Add	*8.42*	
		For >100 To 500, Add	*2.14*	
		For >1,000 To 5,000, Deduct	*-0.90*	
		For >5,000, Deduct	*-1.82*	

32 14 33 Plastic Paving *(32 14)*

32 14 33 13 Permeable Plastic Paving *(32 14 33)*

32 14 33 13-0001 Turf Block Plastic Paving *(32 14 33 13)*

32 14 33 13-0002	SF	4" Thick Recycled Polyvinyl Chloride (PVC) Plastic Turf Block	20.11	3.43
		For Up To 100, Add	*6.75*	
		For >100 To 500, Add	*1.69*	
		For >1,000 To 5,000, Deduct	*-0.69*	
		For >5,000, Deduct	*-1.43*	

32 14 40 Stone Paving *(32 14)*

32 14 40 00-0001 Slate Paver Sidewalk *(32 14 40)*

Note: Includes sand joints and all finishes. Excludes bedding, excavation, base course and compaction. See CSI section 31 23 16 00-0000 for excavation, 32 11 23 16-0001 for base course, 32 14 11 00-0001 for bedding.

32 14 40 00-0002	SF	1" Thick, Up to 54 SI Slate Paver	17.40	3.29
		Note: Includes 3" x 9", 6" x 6", 6" x 9" and other similar size pavers.		
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	*1.20*	
		For 1/4" Thick Paver, Deduct	*-8.58*	
		For 1/2" Thick Paver, Deduct	*-5.97*	
		For Up To 100, Add	*5.99*	
		For >100 To 500, Add	*1.53*	
		For >1,000 To 5,000, Deduct	*-0.66*	
		For >5,000, Deduct	*-1.31*	
32 14 40 00-0003	SF	1" Thick, >54 to 108 SI Slate Paver	16.81	2.98
		Note: Includes 6" x 12", 9" x 9", 6" x 18", 9" x 12" and other similar size pavers.		
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	*1.14*	
		For 1/4" Thick Paver, Deduct	*-8.43*	
		For 1/2" Thick Paver, Deduct	*-5.88*	
		For Up To 100, Add	*5.70*	
		For >100 To 500, Add	*1.44*	
		For >1,000 To 5,000, Deduct	*-0.60*	
		For >5,000, Deduct	*-1.22*	
32 14 40 00-0004	SF	1" Thick, >108 to 216 SI Slate Paver	15.77	2.46
		Note: Includes 12" x 12", 6" x 24", 9" x 18", 9" x 24", 12" x 18" and other similar size pavers.		
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	*1.04*	
		For 1/4" Thick Paver, Deduct	*-8.17*	
		For 1/2" Thick Paver, Deduct	*-5.73*	
		For Up To 100, Add	*5.18*	
		For >100 To 500, Add	*1.28*	
		For >1,000 To 5,000, Deduct	*-0.49*	
		For >5,000, Deduct	*-1.06*	
32 14 40 00-0005	SF	1" Thick, >216 SI Slate Paver	15.33	2.24
		Note: Includes 16" x 16", 12" x 24", 18" x 18", 24" x 24", 24" x 36", 36" x 36" and other similar size pavers.		
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	*0.99*	
		For 1/4" Thick Paver, Deduct	*-8.06*	
		For 1/2" Thick Paver, Deduct	*-5.66*	
		For Up To 100, Add	*4.96*	
		For >100 To 500, Add	*1.22*	
		For >1,000 To 5,000, Deduct	*-0.45*	
		For >5,000, Deduct	*-1.00*	
32 14 40 00-0006	SF	1" Thick, Slate Paver, Combinations And Patterns	16.24	2.70
		Note: Patterns made by combining pavers from two or more size groups.		
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	*1.08*	
		For 1/4" Thick Paver, Deduct	*-8.29*	
		For 1/2" Thick Paver, Deduct	*-5.80*	
		For Up To 100, Add	*5.41*	
		For >100 To 500, Add	*1.35*	
		For >1,000 To 5,000, Deduct	*-0.54*	
		For >5,000, Deduct	*-1.14*	

32 14 40 00-0007 Granite Paver Sidewalk *(32 14 40)*

Note: Includes sand joints and all finishes. Excludes bedding, excavation, base course and compaction. See CSI section 31 23 16 00-0000 for excavation, 32 11 23 16-0001 for base course, 32 14 11 00-0001 for bedding.

32 14 40 00-0008	SF	1" Thick, Up to 54 SI Granite Paver	27.35	3.29
		Note: Includes 3" x 9", 6" x 6", 6" x 9" and other similar size pavers.		
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	*1.70*	
		For 2" Granite Paver, Add	*1.37*	
		For 3" Granite Paver, Add	*2.74*	
		For 4" Granite Paver, Add	*3.06*	
		For Up To 100, Add	*8.48*	
		For >100 To 500, Add	*2.02*	
		For >1,000 To 5,000, Deduct	*-0.66*	
		For >5,000, Deduct	*-1.61*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 14 40 00-0009	SF	1" Thick, >54 to 108 SI Granite Paver	26.76	2.98
		Note: Includes 6" x 12", 9" x 9", 6" x 18", 9" x 12" and other similar size pavers.		
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	*1.64*	
		For 2" Granite Paver, Add	*1.34*	
		For 3" Granite Paver, Add	*2.68*	
		For 4" Granite Paver, Add	*2.97*	
		For Up To 100, Add	*8.18*	
		For >100 To 500, Add	*1.94*	
		For >1,000 To 5,000, Deduct	*-0.60*	
		For >5,000, Deduct	*-1.52*	
32 14 40 00-0010	SF	1" Thick, >108 to 216 SI Granite Paver	25.72	2.46
		Note: Includes 12" x 12", 6" x 24", 9" x 18", 9" x 24", 12" x 18" and other similar size pavers.		
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	*1.53*	
		For 2" Granite Paver, Add	*1.29*	
		For 3" Granite Paver, Add	*2.57*	
		For 4" Granite Paver, Add	*2.82*	
		For Up To 100, Add	*7.66*	
		For >100 To 500, Add	*1.78*	
		For >1,000 To 5,000, Deduct	*-0.49*	
		For >5,000, Deduct	*-1.36*	
32 14 40 00-0011	SF	1" Thick, >216 SI Granite Paver	25.28	2.24
		Note: Includes 16" x 16", 12" x 24", 18" x 18", 24" x 24" and other similar size pavers.		
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	*1.49*	
		For 2" Granite Paver, Add	*1.26*	
		For 3" Granite Paver, Add	*2.53*	
		For 4" Granite Paver, Add	*2.75*	
		For Up To 100, Add	*7.44*	
		For >100 To 500, Add	*1.71*	
		For >1,000 To 5,000, Deduct	*-0.45*	
		For >5,000, Deduct	*-1.30*	
32 14 40 00-0012	SF	1" Thick, Granite Paver, Combinations And Patterns	26.19	2.70
		Note: Patterns made by combining pavers from two or more size groups.		
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	*1.58*	
		For 2" Granite Paver, Add	*1.31*	
		For 3" Granite Paver, Add	*2.62*	
		For 4" Granite Paver, Add	*2.89*	
		For Up To 100, Add	*7.90*	
		For >100 To 500, Add	*1.85*	
		For >1,000 To 5,000, Deduct	*-0.54*	
		For >5,000, Deduct	*-1.43*	

32 15 Aggregate Surfacing *(32 10)*

32 15 40 Crushed Stone Surfacing *(32 15)*

Note: Includes delivery up to 15 miles from supplier, placement, rolling and compaction water. See CSI section 01 74 19 00-0064 for hauling greater than 15 miles.

32 15 40 00-0001 Gravel Surfacing And Spreading *(32 15 40)*

Note: Includes delivered material, placement, rolling and compaction water.

32 15 40 00-0002	CY	Gravel Surfacing And Spreading	105.83

32 15 40 00-0003 Limestone Screenings *(32 15 40)*

Note: Includes delivered material, placement, rolling and compaction water. For trail maintenance.

32 15 40 00-0004	CY	Limestone Screenings For Trail	80.21

32 16 Curbs, Gutters, Sidewalks, and Driveways *(32 10)*

32 16 13 Curbs and Gutters *(32 16)*

Note: Includes transitions. Demolition Includes two saw cuts (each end) of curbs and gutters for lengths up to 100'. See CSI section 02 41 19 13-0051 for additional saw cuts within the 100'.

32 16 13 13 Cast-In-Place Concrete Curbs and Gutters *(32 16 13)*

Note: Includes concrete, forms, rebar (where required), rebar chairs (where necessary), expansion joints, finish and curing.

32 16 13 13-0001 Cast In Place Concrete Curbs Assemblies *(32 16 13 13)*

Note: Includes delivered concrete, forms, rebar, chairs (where necessary), expansion joints, finish and curing.

32 16 13 13-0002	LF	6" x 12" Cast In Place Concrete Curb	24.01	11.50
		For Mountable Curb, Add	*1.53*	
		For Up To 20, Add	*14.00*	
		For >20 To 50, Add	*7.92*	
		For >50 To 100, Add	*3.04*	
		For >500 To 1,000, Deduct	*-3.04*	
		For >1,000, Deduct	*-5.16*	
32 16 13 13-0003	LF	6" x 12" Cast In Place Concrete Curb - Radius	27.29	13.22
		For Mountable Curb, Add	*1.80*	
		For Up To 20, Add	*16.09*	
		For >20 To 50, Add	*9.11*	
		For >50 To 100, Add	*3.49*	
		For >500 To 1,000, Deduct	*-3.49*	
		For >1,000, Deduct	*-5.92*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 16 13 13-0004	LF	6" x 14" Cast In Place Concrete Curb	26.23	11.50
		For Mountable Curb, Add	*1.67*	
		For Up To 20, Add	*15.30*	
		For >20 To 50, Add	*8.66*	
		For >50 To 100, Add	*3.32*	
		For >500 To 1,000, Deduct	*-3.32*	
		For >1,000, Deduct	*-5.64*	
32 16 13 13-0005	LF	6" x 14" Cast In Place Concrete Curb - Radius	29.85	13.22
		For Mountable Curb, Add	*1.97*	
		For Up To 20, Add	*17.61*	
		For >20 To 50, Add	*9.97*	
		For >50 To 100, Add	*3.82*	
		For >500 To 1,000, Deduct	*-3.82*	
		For >1,000, Deduct	*-6.48*	
32 16 13 13-0006	LF	6" x 16" Cast In Place Concrete Curb	28.73	11.50
		For Mountable Curb, Add	*1.81*	
		For Up To 20, Add	*16.67*	
		For >20 To 50, Add	*9.43*	
		For >50 To 100, Add	*3.62*	
		For >500 To 1,000, Deduct	*-3.62*	
		For >1,000, Deduct	*-6.15*	
32 16 13 13-0007	LF	6" x 16" Cast In Place Concrete Curb - Radius	32.60	17.24
		For Mountable Curb, Add	*2.13*	
		For Up To 20, Add	*19.17*	
		For >20 To 50, Add	*10.85*	
		For >50 To 100, Add	*4.16*	
		For >500 To 1,000, Deduct	*-4.16*	
		For >1,000, Deduct	*-7.05*	
32 16 13 13-0008	LF	6" x 18" Cast In Place Concrete Curb	30.70	11.50
		For Mountable Curb, Add	*1.91*	
		For Up To 20, Add	*17.76*	
		For >20 To 50, Add	*10.04*	
		For >50 To 100, Add	*3.86*	
		For >500 To 1,000, Deduct	*-3.86*	
		For >1,000, Deduct	*-6.55*	
32 16 13 13-0009	LF	6" x 18" Cast In Place Concrete Curb - Radius	34.50	13.22
		For Mountable Curb, Add	*2.20*	
		For Up To 20, Add	*20.12*	
		For >20 To 50, Add	*11.38*	
		For >50 To 100, Add	*4.37*	
		For >500 To 1,000, Deduct	*-4.37*	
		For >1,000, Deduct	*-7.42*	
32 16 13 13-0010	LF	6" x 24" Cast In Place Concrete Curb	35.07	12.65
		For Mountable Curb, Add	*2.03*	
		For Up To 20, Add	*19.79*	
		For >20 To 50, Add	*11.17*	
		For >50 To 100, Add	*4.31*	
		For >500 To 1,000, Deduct	*-4.31*	
		For >1,000, Deduct	*-7.34*	
32 16 13 13-0011	LF	6" x 24" Cast In Place Concrete Curb - Radius	39.05	14.36
		For Mountable Curb, Add	*2.31*	
		For Up To 20, Add	*22.18*	
		For >20 To 50, Add	*12.53*	
		For >50 To 100, Add	*4.83*	
		For >500 To 1,000, Deduct	*-4.83*	
		For >1,000, Deduct	*-8.22*	
32 16 13 13-0012	LF	8" x 24" Cast In Place Concrete Curb	35.80	12.65
		For Mountable Curb, Add	*1.99*	
		For Up To 20, Add	*19.94*	
		For >20 To 50, Add	*11.25*	
		For >50 To 100, Add	*4.35*	
		For >500 To 1,000, Deduct	*-4.35*	
		For >1,000, Deduct	*-7.41*	
32 16 13 13-0013	LF	8" x 24" Cast In Place Concrete Curb - Radius	40.01	14.36
		For Mountable Curb, Add	*2.25*	
		For Up To 20, Add	*22.37*	
		For >20 To 50, Add	*12.62*	
		For >50 To 100, Add	*4.87*	
		For >500 To 1,000, Deduct	*-4.87*	
		For >1,000, Deduct	*-8.31*	
32 16 13 13-0014	LF	8" x 36" Cast In Place Concrete Curb	49.87	17.24
		For Mountable Curb, Add	*2.60*	
		For Up To 20, Add	*27.22*	
		For >20 To 50, Add	*15.33*	
		For >50 To 100, Add	*5.94*	
		For >500 To 1,000, Deduct	*-5.94*	
		For >1,000, Deduct	*-10.16*	
32 16 13 13-0015	LF	8" x 36" Cast In Place Concrete Curb - Radius	55.78	19.43
		For Mountable Curb, Add	*2.96*	
		For Up To 20, Add	*30.59*	
		For >20 To 50, Add	*17.24*	
		For >50 To 100, Add	*6.68*	
		For >500 To 1,000, Deduct	*-6.68*	
		For >1,000, Deduct	*-11.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 16 13 13-0016	LF	8" x 48" Cast In Place Concrete Curb	61.43	20.47
		For Mountable Curb, Add	*2.97*	
		For Up To 20, Add	*32.75*	
		For >20 To 50, Add	*18.42*	
		For >50 To 100, Add	*7.16*	
		For >500 To 1,000, Deduct	*-7.16*	
		For >1,000, Deduct	*-12.28*	
32 16 13 13-0017	LF	8" x 48" Cast In Place Concrete Curb - Radius	68.65	22.99
		For Mountable Curb, Add	*3.37*	
		For Up To 20, Add	*36.78*	
		For >20 To 50, Add	*20.69*	
		For >50 To 100, Add	*8.04*	
		For >500 To 1,000, Deduct	*-8.04*	
		For >1,000, Deduct	*-13.78*	
32 16 13 13-0018	LF	12" x 24" Cast In Place Concrete Curb	45.32	14.36
		For Mountable Curb, Add	*1.96*	
		For Up To 20, Add	*23.43*	
		For >20 To 50, Add	*13.15*	
		For >50 To 100, Add	*5.14*	
		For >500 To 1,000, Deduct	*-5.14*	
		For >1,000, Deduct	*-8.84*	
32 16 13 13-0019	LF	12" x 24" Cast In Place Concrete Curb - Radius	50.27	16.09
		For Mountable Curb, Add	*2.22*	
		For Up To 20, Add	*26.15*	
		For >20 To 50, Add	*14.68*	
		For >50 To 100, Add	*5.73*	
		For >500 To 1,000, Deduct	*-5.73*	
		For >1,000, Deduct	*-9.86*	
32 16 13 13-0020	LF	12" x 36" Cast In Place Concrete Curb	61.63	19.65
		For Mountable Curb, Add	*2.68*	
		For Up To 20, Add	*31.92*	
		For >20 To 50, Add	*17.92*	
		For >50 To 100, Add	*7.00*	
		For >500 To 1,000, Deduct	*-7.00*	
		For >1,000, Deduct	*-12.04*	
32 16 13 13-0021	LF	12" x 36" Cast In Place Concrete Curb - Radius	66.71	22.07
		For Mountable Curb, Add	*3.17*	
		For Up To 20, Add	*35.41*	
		For >20 To 50, Add	*19.91*	
		For >50 To 100, Add	*7.75*	
		For >500 To 1,000, Deduct	*-7.75*	
		For >1,000, Deduct	*-13.29*	
32 16 13 13-0022	LF	12" x 48" Cast In Place Concrete Curb	76.47	23.33
		For Mountable Curb, Add	*3.01*	
		For Up To 20, Add	*38.57*	
		For >20 To 50, Add	*21.61*	
		For >50 To 100, Add	*8.48*	
		For >500 To 1,000, Deduct	*-8.48*	
		For >1,000, Deduct	*-14.63*	
32 16 13 13-0023	LF	12" x 48" Cast In Place Concrete Curb - Radius	85.32	26.21
		For Mountable Curb, Add	*3.43*	
		For Up To 20, Add	*43.27*	
		For >20 To 50, Add	*24.26*	
		For >50 To 100, Add	*9.51*	
		For >500 To 1,000, Deduct	*-9.51*	
		For >1,000, Deduct	*-16.39*	
32 16 13 13-0024	EA	Additional Finish For Handicap Drop Section In Curb	86.21	

32 16 13 13-0025 Cast In Place Concrete Curb And Gutter Assemblies *(32 16 13 13)*

Note: Includes concrete, forms, rebar, chairs (where necessary), transitions, expansion joints, finish and curing.

32 16 13 13-0026	LF	6" x 12" Cast In Place Concrete Gutter With 6" Curb And Face - Straight	33.03	14.31
		For Up To 20, Add	*22.32*	
		For >20 To 50, Add	*12.41*	
		For >50 To 100, Add	*4.95*	
		For >500 To 1,000, Deduct	*-4.16*	
		For >1,000, Deduct	*-7.06*	
		For Mountable Or Rolled Curb And Gutter, Add	*2.07*	
32 16 13 13-0027	LF	6" x 12" Cast In Place Concrete Gutter With 6" Curb And Face - Radius	35.88	19.08
		For Up To 20, Add	*24.27*	
		For >20 To 50, Add	*13.51*	
		For >50 To 100, Add	*5.38*	
		For >500 To 1,000, Deduct	*-4.54*	
		For >1,000, Deduct	*-7.70*	
		For Mountable Or Rolled Curb And Gutter, Add	*2.28*	
32 16 13 13-0028	LF	6" x 18" Cast In Place Concrete Gutter With 6" Curb And Face - Straight	41.53	15.86
		For Up To 20, Add	*28.08*	
		For >20 To 50, Add	*15.62*	
		For >50 To 100, Add	*6.23*	
		For >500 To 1,000, Deduct	*-5.24*	
		For >1,000, Deduct	*-8.89*	
		For Mountable Or Rolled Curb And Gutter, Add	*2.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 16 13 13-0029	LF	6" x 18" Cast In Place Concrete Gutter With 6" Curb And Face - Radius	45.72	17.65
		For Up To 20, Add	*30.95*	
		For >20 To 50, Add	*17.23*	
		For >50 To 100, Add	*6.86*	
		For >500 To 1,000, Deduct	*-5.80*	
		For >1,000, Deduct	*-9.85*	
		For Mountable Or Rolled Curb And Gutter, Add	*2.94*	
32 16 13 13-0030	LF	6" x 24" Cast In Place Concrete Gutter With 6" Curb And Face - Straight	50.02	19.08
		For Up To 20, Add	*33.83*	
		For >20 To 50, Add	*18.82*	
		For >50 To 100, Add	*7.50*	
		For >500 To 1,000, Deduct	*-6.32*	
		For >1,000, Deduct	*-10.72*	
		For Mountable Or Rolled Curb And Gutter, Add	*3.16*	
32 16 13 13-0031	LF	6" x 24" Cast In Place Concrete Gutter With 6" Curb And Face - Radius	55.56	21.47
		For Up To 20, Add	*37.63*	
		For >20 To 50, Add	*20.96*	
		For >50 To 100, Add	*8.33*	
		For >500 To 1,000, Deduct	*-7.07*	
		For >1,000, Deduct	*-11.99*	
		For Mountable Or Rolled Curb And Gutter, Add	*3.60*	

32 17 Paving Specialties *(32 10)*

32 17 13 Parking Bumpers *(32 17)*

Note: Includes dowels set.

32 17 13 16 Plastic Parking Bumpers *(32 17 13)*

32 17 13 16-0001	EA	4" x 6" x 4' Recycled Plastic Wheel Stop	218.71	8.79
32 17 13 16-0002	EA	4" x 6" x 6' Recycled Plastic Wheel Stop	247.78	8.79

32 17 13 19 Precast Concrete Parking Bumpers *(32 17 13)*

32 17 13 19-0001	EA	6" x 8" x 4' Precast Concrete Wheel Stop With Dowels	76.70	26.47
32 17 13 19-0002	EA	6" x 6" x 6' Precast Concrete Wheel Stop With Dowels	87.78	26.47
32 17 13 19-0003	EA	6" x 8" x 6' Precast Concrete Wheel Stop With Dowels	90.91	26.47
32 17 13 19-0004	EA	6" x 10" x 6' Precast Concrete Wheel Stop With Dowels	94.98	26.47
32 17 13 19-0005	EA	4-7/8" x 7-5/8" x 6' Precast Concrete Wheel Stop With Dowels	88.93	26.47
32 17 13 19-0006	EA	8" x 13" x 6' Precast Concrete Wheel Stop With Dowels	111.38	26.47
32 17 13 19-0007	EA	Removal And Relocation Of Precast Concrete Wheel Stop	42.36	
32 17 13 19-0008	EA	Removal And Relocation Of Plastic Or Wood Wheel Stop	27.54	

32 17 13 23 Rubber Parking Bumpers *(32 17 13)*

32 17 13 23-0001	EA	3' Recycled Rubber Wheel Stop	33.77	8.79
32 17 13 23-0002	EA	4' Recycled Rubber Wheel Stop	38.79	8.79
32 17 13 23-0003	EA	5' Recycled Rubber Wheel Stop	40.80	8.79
32 17 13 23-0004	EA	6' Recycled Rubber Wheel Stop	43.81	8.79

32 17 13 26 Wood Parking Bumpers *(32 17 13)*

32 17 13 26-0001	LF	4" x 4" Timber Barrier With Saddles For Cars, Pressure Treated	11.24	2.12
32 17 13 26-0002	LF	6" x 6" Timber Barriers With Saddle For Trucks, Pressure Treated	14.06	2.12

32 17 16 Manufactured Traffic-Calming Devices *(32 17)*

32 17 16 00-0001 Speed Bumps *(32 17 16)*

Note: Excludes pavement markings or reflectors.

32 17 16 00-0002	LF	2-1/4" High x 10-1/2" Wide, Asphalt Speed Bump	32.11	1.94
32 17 16 00-0003	LF	2-1/4" High x 12" Wide, Recycled Rubber Speed Bump	30.37	1.29
32 17 16 00-0004	LF	2-5/8" High x 12" Wide, Recycled Plastic Speed Bump	198.68	1.29

32 17 23 Pavement Markings *(32 17)*

32 17 23 13 Painted Pavement Markings *(32 17 23)*

32 17 23 13-0001 Pavement Striping, Letters, Symbols And Markers For Roads *(32 17 23 13)*

Note: Includes primers, adhesive and glass beads where required. For broken line quantities use total lane length. Per Coat.

32 17 23 13-0002 Epoxy Reflective Pavement Marking *(32 17 23 13-0001)*

Note: 15 mil thickness.

32 17 23 13-0003	LF	Single 4" Wide Solid Line, Epoxy Reflective Pavement Striping	0.82	
		For 20 Mil Thickness, Add	*0.21*	
		For Up To 5,000 LF, Add	*0.16*	
		For >25,000 LF, Deduct	*-0.12*	
		For Broken Line, Deduct	*-0.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 17 23 13-0004	LF	Single 6" Wide Solid Line, Epoxy Reflective Pavement Striping	1.16	
		For 20 Mil Thickness, Add	*0.30*	
		For Up To 5,000 LF, Add	*0.23*	
		For >25,000 LF, Deduct	*-0.17*	
		For Broken Line, Deduct	*-0.65*	
32 17 23 13-0005	LF	Single 8" Wide Solid Line, Epoxy Reflective Pavement Striping	1.41	
		For 20 Mil Thickness, Add	*0.37*	
		For Up To 5,000 LF, Add	*0.28*	
		For >25,000 LF, Deduct	*-0.21*	
		For Broken Line, Deduct	*-0.78*	
32 17 23 13-0006	LF	Single 12" Wide Solid Line, Epoxy Reflective Pavement Striping	2.17	
		For 20 Mil Thickness, Add	*0.59*	
		For Up To 5,000 LF, Add	*0.43*	
		For >25,000 LF, Deduct	*-0.33*	
		For Broken Line, Deduct	*-1.28*	
32 17 23 13-0007	LF	Double 4" Wide Solid Lines, Epoxy Reflective Pavement Striping	1.38	
		For 20 Mil Thickness, Add	*0.39*	
		For Up To 5,000 LF, Add	*0.28*	
		For >25,000 LF, Deduct	*-0.21*	
		For Broken Line On One Side, Deduct	*-0.43*	
		For Double Broken Line, Deduct	*-0.86*	
32 17 23 13-0008	LF	Double 6" Wide Solid Lines, Epoxy Reflective Pavement Striping	1.99	
		For 20 Mil Thickness, Add	*0.58*	
		For Up To 5,000 LF, Add	*0.40*	
		For >25,000 LF, Deduct	*-0.30*	
		For Broken Line On One Side, Deduct	*-0.64*	
		For Double Broken Line, Deduct	*-1.28*	
32 17 23 13-0009	SF	Solid Area, Epoxy Reflective Pavement Marking Note: Use this task for: lines >12" wide, stop bars, transverse lines, diagonal lines, crossing lanes, etc.	9.44	
		For 20 Mil Thickness, Add	*1.34*	
32 17 23 13-0010	EA	6" High, Letter/Number, Epoxy Reflective Pavement Marking	5.59	
		For 20 Mil Thickness, Add	*0.63*	
		For <10, Add	*0.65*	
		For >50 To 100, Deduct	*-0.33*	
		For >100 To 200, Deduct	*-0.44*	
		For >200, Deduct	*-0.87*	
32 17 23 13-0011	EA	12" High, Letter/Number, Epoxy Reflective Pavement Marking	11.02	
		For 20 Mil Thickness, Add	*1.81*	
		For <10, Add	*0.99*	
		For >50 To 100, Deduct	*-0.49*	
		For >100 To 200, Deduct	*-0.66*	
		For >200, Deduct	*-1.32*	
32 17 23 13-0012	EA	24" High, Letter/Number, Epoxy Reflective Pavement Marking	18.71	
		For 20 Mil Thickness, Add	*3.13*	
		For <10, Add	*1.64*	
		For >50 To 100, Deduct	*-0.82*	
		For >100 To 200, Deduct	*-1.10*	
		For >200, Deduct	*-2.19*	
32 17 23 13-0013	EA	36" High, Letter/Number, Epoxy Reflective Pavement Marking	35.53	
		For 20 Mil Thickness, Add	*5.64*	
		For <10, Add	*3.28*	
		For >50 To 100, Deduct	*-1.64*	
		For >100 To 200, Deduct	*-2.19*	
		For >200, Deduct	*-4.38*	
32 17 23 13-0014	EA	48" High, Letter/Number, Epoxy Reflective Pavement Marking	42.29	
		For 20 Mil Thickness, Add	*7.14*	
		For <10, Add	*3.68*	
		For >50 To 100, Deduct	*-1.84*	
		For >100 To 200, Deduct	*-2.46*	
		For >200, Deduct	*-4.91*	
32 17 23 13-0015	EA	72" High, Letter/Number, Epoxy Reflective Pavement Marking	76.08	
		For 20 Mil Thickness, Add	*12.99*	
		For <10, Add	*6.55*	
		For >50 To 100, Deduct	*-3.28*	
		For >100 To 200, Deduct	*-4.37*	
		For >200, Deduct	*-8.73*	
32 17 23 13-0016	EA	96" High, Letter/Number, Epoxy Reflective Pavement Marking	101.29	
		For 20 Mil Thickness, Add	*17.14*	
		For <10, Add	*8.80*	
		For >50 To 100, Deduct	*-4.40*	
		For >100 To 200, Deduct	*-5.87*	
		For >200, Deduct	*-11.73*	
32 17 23 13-0017	EA	120" High, Letter/Number, Epoxy Reflective Pavement Marking	167.85	
		For 20 Mil Thickness, Add	*35.36*	
		For <10, Add	*10.90*	
		For >50 To 100, Deduct	*-5.45*	
		For >100 To 200, Deduct	*-7.27*	
		For >200, Deduct	*-14.53*	
32 17 23 13-0018	EA	Bike Lane Symbol, Epoxy Reflective Pavement Marking Note: Approximate overall dimensions: 4' width x 8' height.	140.75	
		For 20 Mil Thickness, Add	*34.87*	
32 17 23 13-0019	EA	Railroad Crossing Symbol, Epoxy Reflective Pavement Marking Note: Approximate overall dimensions: 8' width x 20' height. Excludes transverse lines.	597.51	
		For 20 Mil Thickness, Add	*169.05*	
32 17 23 13-0020	EA	Preferential Lane Symbol (Diamond), Epoxy Reflective Pavement Marking Note: Approximate overall dimensions: 3' width x 12' height.	161.00	
		For 20 Mil Thickness, Add	*39.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 17 23 13-0021	EA	Through Lane Arrow, Epoxy Reflective Pavement Marking Note: Approximate overall dimensions: 3-1/2' width x 10' height.	166.11	
		For 20 Mil Thickness, Add	*38.75*	
32 17 23 13-0022	EA	Turn Lane Arrow, Epoxy Reflective Pavement Marking Note: Approximate overall dimensions: 6' width x 8' height.	206.03	
		For 20 Mil Thickness, Add	*52.05*	
32 17 23 13-0023	EA	Dual Turn Lane Arrow, Epoxy Reflective Pavement Marking Note: Approximate overall dimensions: 11' width x 8' height.	332.89	
		For 20 Mil Thickness, Add	*93.19*	
32 17 23 13-0024	EA	Turn And Through Lane Arrow, Epoxy Reflective Pavement Marking Note: Approximate overall dimensions: 7' width x 13' height.	342.10	
		For 20 Mil Thickness, Add	*96.26*	
32 17 23 13-0025	EA	Dual Turn And Through Lane Arrow, Epoxy Reflective Pavement Marking Note: Approximate overall dimensions: 9' width x 15' height.	479.31	
		For 20 Mil Thickness, Add	*141.39*	
32 17 23 13-0026	EA	Elongated Through Lane Arrow, Epoxy Reflective Pavement Marking Note: Approximate overall dimensions: 5-1/2' width x 12' height.	130.22	
		For 20 Mil Thickness, Add	*23.84*	
32 17 23 13-0027	EA	Elongated Turn Lane Arrow, Epoxy Reflective Pavement Marking Note: Approximate overall dimensions: 3' width x 12' height.	179.59	
		For 20 Mil Thickness, Add	*40.29*	
32 17 23 13-0028	EA	Elongated Dual Turn Lane Arrow, Epoxy Reflective Pavement Marking Note: Approximate overall dimensions: 5-1/2' width x 12' height.	234.87	
		For 20 Mil Thickness, Add	*57.21*	
32 17 23 13-0029	EA	Elongated Turn And Through Lane Arrow, Epoxy Reflective Pavement Marking Note: Approximate overall dimensions: 3-1/2' width x 20' height.	241.53	
		For 20 Mil Thickness, Add	*59.43*	
32 17 23 13-0030	EA	Elongated Dual Turn And Through Lane Arrow, Epoxy Reflective Pavement Marking Note: Approximate overall dimensions: 3-1/2' width x 20' height.	415.30	
		For 20 Mil Thickness, Add	*116.45*	
32 17 23 13-0031	EA	Lane-Reduction Arrow, Epoxy Reflective Pavement Marking Note: Approximate overall dimensions: 5-1/2' width x 18' height.	370.60	
		For 20 Mil Thickness, Add	*103.96*	
32 17 23 13-0032	EA	Wrong-Way Arrow, Epoxy Reflective Pavement Marking Note: Approximate overall dimensions: 6' width x 24' height.	355.22	
		For 20 Mil Thickness, Add	*100.03*	

32 17 23 13-0033 Painted Reflective Pavement Marking *(32 17 23 13-0001)*

Note: 15 mil thickness.

32 17 23 13-0034	LF	Single 4" Wide Solid Line, Painted Reflective Pavement Striping	0.33	
		For Up To 5,000 LF, Add	*0.07*	
		For >25,000 LF, Deduct	*-0.05*	
		For Broken Line, Deduct	*-0.07*	
32 17 23 13-0035	LF	Single 6" Wide Solid Line, Painted Reflective Pavement Striping	0.42	
		For Up To 5,000 LF, Add	*0.08*	
		For >25,000 LF, Deduct	*-0.06*	
		For Broken Line, Deduct	*-0.10*	
32 17 23 13-0036	LF	Single 8" Wide Solid Line, Painted Reflective Pavement Striping	0.53	
		For Up To 5,000 LF, Add	*0.11*	
		For >25,000 LF, Deduct	*-0.08*	
		For Broken Line, Deduct	*-0.12*	
32 17 23 13-0037	LF	Single 12" Wide Solid Line, Painted Reflective Pavement Striping	0.71	
		For Up To 5,000 LF, Add	*0.14*	
		For >25,000 LF, Deduct	*-0.11*	
		For Broken Line, Deduct	*-0.18*	
32 17 23 13-0038	LF	Double 4" Wide Solid Lines, Painted Reflective Pavement Striping	0.47	
		For Up To 5,000 LF, Add	*0.09*	
		For >25,000 LF, Deduct	*-0.07*	
		For Broken Line On One Side, Deduct	*-0.06*	
		For Double Broken Line, Deduct	*-0.12*	
32 17 23 13-0039	LF	Double 6" Wide Solid Lines, Painted Reflective Pavement Striping	0.71	
		For Up To 5,000 LF, Add	*0.14*	
		For >25,000 LF, Deduct	*-0.11*	
		For Broken Line On One Side, Deduct	*-0.09*	
		For Double Broken Line, Deduct	*-0.18*	
32 17 23 13-0040	SF	Solid Area, Painted Reflective Pavement Striping Note: Use this task for: lines >12" wide, stop bars, transverse lines, diagonal lines, crossing lanes, etc.	6.61	
32 17 23 13-0041	EA	6" High, Letter/Number, Painted Reflective Pavement Marking	5.00	
		For <10, Add	*0.65*	
		For >50 To 100, Deduct	*-0.33*	
		For >100 To 200, Deduct	*-0.44*	
		For >200, Deduct	*-0.87*	
32 17 23 13-0042	EA	12" High, Letter/Number, Painted Reflective Pavement Marking	8.91	
		For <10, Add	*0.99*	
		For >50 To 100, Deduct	*-0.49*	
		For >100 To 200, Deduct	*-0.66*	
		For >200, Deduct	*-1.32*	
32 17 23 13-0043	EA	24" High, Letter/Number, Painted Reflective Pavement Marking	15.02	
		For <10, Add	*1.64*	
		For >50 To 100, Deduct	*-0.82*	
		For >100 To 200, Deduct	*-1.10*	
		For >200, Deduct	*-2.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 17 23 13-0044	EA	36" High, Letter/Number, Painted Reflective Pavement Marking	29.03	
		For <10, Add	*3.28*	
		For >50 To 100, Deduct	*-1.64*	
		For >100 To 200, Deduct	*-2.19*	
		For >200, Deduct	*-4.38*	
32 17 23 13-0045	EA	48" High, Letter/Number, Painted Reflective Pavement Marking	33.85	
		For <10, Add	*3.68*	
		For >50 To 100, Deduct	*-1.84*	
		For >100 To 200, Deduct	*-2.46*	
		For >200, Deduct	*-4.91*	
32 17 23 13-0046	EA	72" High, Letter/Number, Painted Reflective Pavement Marking	60.66	
		For <10, Add	*6.55*	
		For >50 To 100, Deduct	*-3.28*	
		For >100 To 200, Deduct	*-4.37*	
		For >200, Deduct	*-8.73*	
32 17 23 13-0047	EA	96" High, Letter/Number, Painted Reflective Pavement Marking	81.01	
		For <10, Add	*8.80*	
		For >50 To 100, Deduct	*-4.40*	
		For >100 To 200, Deduct	*-5.87*	
		For >200, Deduct	*-11.73*	
32 17 23 13-0048	EA	120" High, Letter/Number, Painted Reflective Pavement Marking	122.57	
		For <10, Add	*10.90*	
		For >50 To 100, Deduct	*-5.45*	
		For >100 To 200, Deduct	*-7.27*	
		For >200, Deduct	*-14.53*	
32 17 23 13-0049	EA	Bike Lane Symbol, Painted Reflective Pavement Marking Note: Approximate overall dimensions: 4' width x 8' height.	94.01	
32 17 23 13-0050	EA	Railroad Crossing Symbol, Painted Reflective Pavement Marking Note: Approximate overall dimensions: 8' width x 20' height. Excludes transverse lines.	363.80	
32 17 23 13-0051	EA	Preferential Lane Symbol (Diamond), Painted Reflective Pavement Marking Note: Approximate overall dimensions: 3' width x 12' height.	108.42	
32 17 23 13-0052	EA	Through Lane Arrow, Painted Reflective Pavement Marking Note: Approximate overall dimensions: 3-1/2' width x 10' height.	114.99	
32 17 23 13-0053	EA	Turn Lane Arrow, Painted Reflective Pavement Marking Note: Approximate overall dimensions: 6' width x 8' height.	135.92	
32 17 23 13-0054	EA	Dual Turn Lane Arrow, Painted Reflective Pavement Marking Note: Approximate overall dimensions: 11' width x 8' height.	204.34	
32 17 23 13-0055	EA	Turn And Through Lane Arrow, Painted Reflective Pavement Marking Note: Approximate overall dimensions: 7' width x 13' height.	209.17	
32 17 23 13-0056	EA	Dual Turn And Through Lane Arrow, Painted Reflective Pavement Marking Note: Approximate overall dimensions: 9' width x 15' height.	282.12	
32 17 23 13-0057	EA	Elongated Through Lane Arrow, Painted Reflective Pavement Marking Note: Approximate overall dimensions: 5-1/2' width x 12' height.	101.13	
32 17 23 13-0058	EA	Elongated Turn Lane Arrow, Painted Reflective Pavement Marking Note: Approximate overall dimensions: 3' width x 12' height.	127.01	
32 17 23 13-0059	EA	Elongated Dual Turn Lane Arrow, Painted Reflective Pavement Marking Note: Approximate overall dimensions: 5-1/2' width x 12' height.	180.61	
32 17 23 13-0060	EA	Elongated Turn And Through Lane Arrow, Painted Reflective Pavement Marking Note: Approximate overall dimensions: 3-1/2' width x 20' height.	187.05	
32 17 23 13-0061	EA	Elongated Dual Turn And Through Lane Arrow, Painted Reflective Pavement Marking Note: Approximate overall dimensions: 3-1/2' width x 20' height.	254.63	
32 17 23 13-0062	EA	Lane-Reduction Arrow, Painted Reflective Pavement Marking Note: Approximate overall dimensions: 5-1/2' width x 18' height.	228.42	
32 17 23 13-0063	EA	Wrong-Way Arrow, Painted Reflective Pavement Marking Note: Approximate overall dimensions: 6' width x 24' height.	296.61	

32 17 23 13-0064 Pavement Striping, Letters And Symbols For Parking Areas *(32 17 23 13)*

Note: Includes primers. Per Coat.

32 17 23 13-0065 Painted Pavement Marking For Parking Areas *(32 17 23 13-0064)*

Note: 15 mil thickness.

32 17 23 13-0066	LF	Single 4" Wide Solid Line, Painted Pavement Striping For Parking Areas	1.20	
32 17 23 13-0067	LF	Single 6" Wide Solid Line, Painted Pavement Striping For Parking Areas	1.31	
32 17 23 13-0068	LF	Single 8" Wide Solid Line, Painted Pavement Striping For Parking Areas	1.38	
32 17 23 13-0069	LF	Single 12" Wide Solid Line, Painted Pavement Striping For Parking Areas	1.56	
32 17 23 13-0070	SF	Solid Area, Painted Pavement Marking For Parking Areas Note: Use task for lines >12" wide, stop bars, transverse lines, diagonal lines, crossing lanes, etc.	6.57	
32 17 23 13-0071	EA	6" High, Letter/Number, Painted Pavement Marking For Parking Areas	4.88	
		For Up To 10, Add	*0.64*	
		For >50 To 100, Deduct	*-0.32*	
		For >100 To 200, Deduct	*-0.43*	
		For >200, Deduct	*-0.85*	
32 17 23 13-0072	EA	12" High, Letter/Number, Painted Pavement Marking For Parking Areas	8.64	
		For Up To 10, Add	*0.96*	
		For >50 To 100, Deduct	*-0.48*	
		For >100 To 200, Deduct	*-0.64*	
		For >200, Deduct	*-1.27*	
32 17 23 13-0073	EA	24" High, Letter/Number, Painted Pavement Marking For Parking Areas	14.59	
		For Up To 10, Add	*1.59*	
		For >50 To 100, Deduct	*-0.80*	
		For >100 To 200, Deduct	*-1.06*	
		For >200, Deduct	*-2.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 17 23 13-0074	EA	36" High, Letter/Number, Painted Pavement Marking For Parking Areas	27.16	
		For Up To 10, Add	*3.03*	
		For >50 To 100, Deduct	*-1.51*	
		For >100 To 200, Deduct	*-2.02*	
		For >200, Deduct	*-4.04*	
32 17 23 13-0075	EA	42" High, Letter/Number, Painted Pavement Marking For Parking Areas	35.65	
		For Up To 10, Add	*4.14*	
		For >50 To 100, Deduct	*-2.07*	
		For >100 To 200, Deduct	*-2.76*	
		For >200, Deduct	*-5.52*	
32 17 23 13-0076	EA	48" High, Letter/Number/Arrow, Painted Pavement Marking For Parking Areas	43.09	
		For Up To 10, Add	*5.10*	
		For >50 To 100, Deduct	*-2.55*	
		For >100 To 200, Deduct	*-3.40*	
		For >200, Deduct	*-6.80*	
32 17 23 13-0077	EA	72" High, Letter/Number/Arrow, Painted Pavement Marking For Parking Areas	59.08	
		For Up To 10, Add	*6.38*	
		For >50 To 100, Deduct	*-3.19*	
		For >100 To 200, Deduct	*-4.25*	
		For >200, Deduct	*-8.50*	
32 17 23 13-0078	EA	Through Lane Arrow, Painted Pavement Marking For Parking Areas Note: Approximate overall dimensions: 3-1/2' width x 10' height.	113.64	
32 17 23 13-0079	EA	Turn Lane Arrow, Painted Pavement Marking For Parking Areas Note: Approximate overall dimensions: 6' width x 8' height.	134.06	
32 17 23 13-0080	EA	Dual Turn Lane Arrow, Painted Pavement Marking For Parking Areas Note: Approximate overall dimensions: 11' width x 8' height.	200.95	
32 17 23 13-0081	EA	Turn And Through Lane Arrow, Painted Pavement Marking For Parking Areas Note: Approximate overall dimensions: 7' width x 13' height.	205.66	
32 17 23 13-0082	EA	Dual Turn And Through Lane Arrow, Painted Pavement Marking For Parking Areas Note: Approximate overall dimensions: 9' width x 15' height.	276.91	
32 17 23 13-0083	EA	Handicap Symbol For Standard Parking Stalls, Painted Pavement Marking For Parking Areas Note: Approximate overall dimensions: 2-2/3' width x 3' height. White or blue symbol. Excludes striping.	43.18	
		For Blue Background With White Symbol, Add	*37.24*	
		For Blue Background With White Symbol And Border, Add	*46.55*	
32 17 23 13-0084	EA	Handicap Symbol For Van Parking Stalls, Painted Pavement Marking For Parking Areas Note: Approximate overall dimensions: 4-1/3' width x 5' height. White or blue symbol. Excludes striping.	68.35	
		For Blue Background With White Symbol, Add	*81.63*	
		For Blue Background With White Symbol And Border, Add	*102.04*	

32 17 23 13-0085 Painted Curbs *(32 17 23 13)*

Note: All colors.

32 17 23 13-0086	LF	Reflective Painted Curb	3.63	
32 17 23 13-0087	LF	Reflective Painted Curb And Gutter	6.91	
32 17 23 13-0088	LF	Painted Curb	2.94	
32 17 23 13-0089	LF	Painted Curb And Gutter	6.30	

32 17 23 13-0090 Markings For Outdoor Play Areas, Courts *(32 17 23 13)*

32 17 23 13-0091	LF	2" Wide Marking For Outdoor Play Areas	1.29	
32 17 23 13-0092	LF	3" Wide Marking For Outdoor Play Areas	1.45	
32 17 23 13-0093	LF	4" Wide Marking For Outdoor Play Areas	1.63	
32 17 23 13-0094	LF	6" Wide Marking For Outdoor Play Areas	1.92	
32 17 23 13-0095	EA	Layout And Paint Playground Game Lines And Background On Asphalt Or Concrete (Hop Scotch, 4 Square, Numbers Games, Etcetera)	378.60	

32 17 23 23 Raised Pavement Markings *(32 17 23)*

32 17 23 23-0001 Raised Pavement Markers (RPMs) *(32 17 23 23)*

Note: White, Red, Yellow/Amber, Green or Blue

32 17 23 23-0002	EA	One-Way Reflective, Raised Pavement Marker (RPM)	8.27	3.20
		For >100, Deduct	*-0.83*	
32 17 23 23-0003	EA	Two-Way Reflective, Raised Pavement Marker (RPM)	8.77	3.20
		For >100, Deduct	*-0.88*	
32 17 23 23-0004	EA	4" Diameter, Non-Reflective, Raised Pavement Marker (RPM)	7.63	3.20
		For >100, Deduct	*-0.76*	

32 17 23 23-0005 Snowplowable Pavement Markers *(32 17 23 23)*

32 17 23 23-0006	EA	One-Way Reflective, Snowplowable Pavement Marker With Center Rail	83.19	35.86
32 17 23 23-0007	EA	Two-Way Reflective, Snowplowable Pavement Marker With Center Rail	83.63	35.86
32 17 23 23-0008	EA	Removal And Replacement Of Reflector For One-Way Reflective, Recessed (Plowable) Pavement Marker	24.27	
32 17 23 23-0009	EA	Removal And Replacement Of Reflectors For Two-Way Reflective, Recessed (Plowable) Pavement Marker	30.68	

32 17 23 33 Plastic Pavement Markings *(32 17 23)*

32 17 23 33-0001 Thermoplastic Pavement Striping, Letters, Symbols And Markers For Roads *(32 17 23 33)*

Note: Includes primers, adhesive and glass beads where required. For broken line modifier quantity use total lane length.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 17 23 33-0002		Thermoplastic Reflective Pavement Marking *(32 17 23 33-0001)* Note: 90 mil thickness.		
32 17 23 33-0003	LF	Single 4" Wide Solid Line, 90 Mil Thick, Thermoplastic Reflective Pavement Striping	1.47	
		For Up To 5,000 LF, Add	*0.29*	
		For >25,000 LF, Deduct	*-0.22*	
		For 60 mils Thick, Deduct	*-0.20*	
		For 125 mils Thick, Add	*0.26*	
		For Broken Line, Deduct	*-0.87*	
32 17 23 33-0004	LF	Single 6" Wide Solid Line, 90 Mil Thick, Thermoplastic Reflective Pavement Striping Note: Includes yellow or white.	2.11	
		For Up To 5,000 LF, Add	*0.42*	
		For >25,000 LF, Deduct	*-0.32*	
		For 60 mils Thick, Deduct	*-0.30*	
		For 125 mils Thick, Add	*0.39*	
		For Broken Line, Deduct	*-1.30*	
32 17 23 33-0005	LF	Single 8" Wide Solid Line, 90 Mil Thick, Thermoplastic Reflective Pavement Striping Note: Includes yellow or white.	2.79	
		For Up To 5,000 LF, Add	*0.56*	
		For >25,000 LF, Deduct	*-0.42*	
		For 60 mils Thick, Deduct	*-0.40*	
		For 125 mils Thick, Add	*0.52*	
		For Broken Line, Deduct	*-1.73*	
32 17 23 33-0006	LF	Single 12" Wide Solid Line, 90 Mil Thick, Thermoplastic Reflective Pavement Striping Note: Includes yellow or white.	4.10	
		For Up To 5,000 LF, Add	*0.82*	
		For >25,000 LF, Deduct	*-0.62*	
		For 60 mils Thick, Deduct	*-0.61*	
		For 125 mils Thick, Add	*0.78*	
		For Broken Line, Deduct	*-2.60*	
32 17 23 33-0007	LF	Double 4" Wide Solid Lines, 90 Mil Thick, Thermoplastic Reflective Pavement Striping Note: Includes yellow or white.	2.78	
		For Up To 5,000 LF, Add	*0.56*	
		For >25,000 LF, Deduct	*-0.42*	
		For 60 mils Thick, Deduct	*-0.40*	
		For 125 mils Thick, Add	*0.52*	
		For Broken Line On One Side, Deduct	*-0.87*	
		For Double Broken Line, Deduct	*-1.73*	
32 17 23 33-0008	LF	Double 6" Wide Solid Lines, 90 Mil Thick, Thermoplastic Reflective Pavement Striping Note: Includes yellow or white.	4.10	
		For Up To 5,000 LF, Add	*0.82*	
		For >25,000 LF, Deduct	*-0.62*	
		For 60 mils Thick, Deduct	*-0.61*	
		For 125 mils Thick, Add	*0.78*	
		For Broken Line On One Side, Deduct	*-1.30*	
		For Double Broken Line, Deduct	*-2.60*	
32 17 23 33-0009	SF	Solid Area, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Note: Includes yellow or white.	9.82	
		For 60 mils Thick, Deduct	*-0.60*	
		For 125 mils Thick, Add	*0.78*	
32 17 23 33-0010	EA	6" High, Letter/Number, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	6.71	
		For Up To 10, Add	*0.72*	
		For >50 To 100, Deduct	*-0.36*	
		For >100 To 200, Deduct	*-0.48*	
		For >200, Deduct	*-0.96*	
		For 60 mils Thick, Deduct	*-0.34*	
		For 125 mils Thick, Add	*0.43*	
32 17 23 33-0011	EA	12" High, Letter/Number, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	14.18	
		For Up To 10, Add	*1.08*	
		For >50 To 100, Deduct	*-0.54*	
		For >100 To 200, Deduct	*-0.72*	
		For >200, Deduct	*-1.44*	
		For 60 mils Thick, Deduct	*-1.22*	
		For 125 mils Thick, Add	*1.57*	
32 17 23 33-0012	EA	24" High, Letter/Number, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	24.18	
		For Up To 10, Add	*1.80*	
		For >50 To 100, Deduct	*-0.90*	
		For >100 To 200, Deduct	*-1.20*	
		For >200, Deduct	*-2.40*	
		For 60 mils Thick, Deduct	*-2.13*	
		For 125 mils Thick, Add	*2.74*	
32 17 23 33-0013	EA	36" High, Letter/Number, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	45.52	
		For Up To 10, Add	*3.62*	
		For >50 To 100, Deduct	*-1.81*	
		For >100 To 200, Deduct	*-2.41*	
		For >200, Deduct	*-4.82*	
		For 60 mils Thick, Deduct	*-3.75*	
		For 125 mils Thick, Add	*4.82*	
32 17 23 33-0014	EA	48" High, Letter/Number, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	54.80	
		For Up To 10, Add	*4.05*	
		For >50 To 100, Deduct	*-2.02*	
		For >100 To 200, Deduct	*-2.70*	
		For >200, Deduct	*-5.40*	
		For 60 mils Thick, Deduct	*-4.87*	
		For 125 mils Thick, Add	*6.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 17 23 33-0015	EA	72" High, Letter/Number, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	98.86	
		For Up To 10, Add	*7.20*	
		For >50 To 100, Deduct	*-3.60*	
		For >100 To 200, Deduct	*-4.80*	
		For >200, Deduct	*-9.61*	
		For 60 mils Thick, Deduct	*-8.90*	
		For 125 mils Thick, Add	*11.44*	
32 17 23 33-0016	EA	96" High, Letter/Number, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	131.38	
		For Up To 10, Add	*9.68*	
		For >50 To 100, Deduct	*-4.84*	
		For >100 To 200, Deduct	*-6.45*	
		For >200, Deduct	*-12.90*	
		For 60 mils Thick, Deduct	*-11.70*	
		For 125 mils Thick, Add	*15.05*	
32 17 23 33-0017	EA	120" High, Letter/Number, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	229.17	
		For Up To 10, Add	*11.99*	
		For >50 To 100, Deduct	*-5.99*	
		For >100 To 200, Deduct	*-7.99*	
		For >200, Deduct	*-15.98*	
		For 60 mils Thick, Deduct	*-26.12*	
		For 125 mils Thick, Add	*33.59*	
32 17 23 33-0018	SF	Letter/Number, 90 Mil Thick, Thermoplastic Reflective Pavement Marking	12.04	
		For 60 mils Thick, Deduct	*-0.84*	
		For 125 mils Thick, Add	*1.08*	
32 17 23 33-0019	EA	Bike Lane Symbol, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Note: Approximate overall dimensions: 4' width x 8' height.	195.20	
		For 60 mils Thick, Deduct	*-26.72*	
		For 125 mils Thick, Add	*34.36*	
32 17 23 33-0020	EA	Railroad Crossing Symbol, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Note: Approximate overall dimensions: 8' width x 20' height. Excludes transverse lines.	869.76	
		For 60 mils Thick, Deduct	*-133.61*	
		For 125 mils Thick, Add	*171.79*	
32 17 23 33-0021	EA	Preferential Lane Symbol (Diamond), 90 Mil Thick, Thermoplastic Reflective Pavement Marking Note: Approximate overall dimensions: 3' width x 12' height.	222.26	
		For 60 mils Thick, Deduct	*-30.06*	
		For 125 mils Thick, Add	*38.65*	
32 17 23 33-0022	EA	Through Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Note: Approximate overall dimensions: 3-1/2' width x 10' height.	225.67	
		For 60 mils Thick, Deduct	*-29.23*	
		For 125 mils Thick, Add	*37.58*	
32 17 23 33-0023	EA	Turn Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Note: Approximate overall dimensions: 6' width x 8' height.	287.70	
		For 60 mils Thick, Deduct	*-40.08*	
		For 125 mils Thick, Add	*51.54*	
32 17 23 33-0024	EA	Dual Turn Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Note: Approximate overall dimensions: 11' width x 8' height.	482.62	
		For 60 mils Thick, Deduct	*-73.49*	
		For 125 mils Thick, Add	*94.48*	
32 17 23 33-0025	EA	Turn And Through Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Note: Approximate overall dimensions: 7' width x 13' height.	496.94	
		For 60 mils Thick, Deduct	*-75.99*	
		For 125 mils Thick, Add	*97.71*	
32 17 23 33-0026	EA	Dual Turn And Through Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Note: Approximate overall dimensions: 9' width x 15' height.	709.03	
		For 60 mils Thick, Deduct	*-112.74*	
		For 125 mils Thick, Add	*144.95*	
32 17 23 33-0027	EA	Elongated Through Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Note: Approximate overall dimensions: 1-2/3' width x 12' height.	164.12	
		For 60 mils Thick, Deduct	*-16.64*	
		For 125 mils Thick, Add	*21.39*	
32 17 23 33-0028	EA	Elongated Turn Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Note: Approximate overall dimensions: 3' width x 12' height.	240.85	
		For 60 mils Thick, Deduct	*-30.06*	
		For 125 mils Thick, Add	*38.65*	
32 17 23 33-0029	EA	Elongated Dual Turn Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Note: Approximate overall dimensions: 5-1/2' width x 12' height.	389.32	
		For 60 mils Thick, Deduct	*-55.12*	
		For 125 mils Thick, Add	*70.86*	
32 17 23 33-0030	EA	Elongated Turn And Through Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Note: Approximate overall dimensions: 3-1/2' width x 20' height.	408.41	
		For 60 mils Thick, Deduct	*-58.46*	
		For 125 mils Thick, Add	*75.16*	
32 17 23 33-0031	EA	Elongated Dual Turn And Through Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Note: Approximate overall dimensions: 5-1/2' width x 20' height.	602.48	
		For 60 mils Thick, Deduct	*-91.86*	
		For 125 mils Thick, Add	*118.11*	
32 17 23 33-0032	EA	Lane-Reduction Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Note: Approximate overall dimensions: 5-1/2' width x 18' height.	541.48	
		For 60 mils Thick, Deduct	*-82.67*	
		For 125 mils Thick, Add	*106.29*	
32 17 23 33-0033	EA	Wrong-Way Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Note: Approximate overall dimensions: 6' width x 24' height.	751.97	
		For 60 mils Thick, Deduct	*-120.25*	
		For 125 mils Thick, Add	*154.61*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 17 23 33-0034		**Thermoplastic Reflective Pavement Striping By Hand For Repairs** *(32 17 23 33-0001)*		
32 17 23 33-0035	LF	Single 4" Wide Solid Line, 90 Mil Thick, Thermoplastic Reflective Pavement Striping By Hand For Repairs	3.41	
		For 60 mils Thick, Deduct	*-0.20*	
		For 125 mils Thick, Add	*0.26*	
32 17 23 33-0036	LF	Single 6" Wide Solid Line, 90 Mil Thick, Thermoplastic Reflective Pavement Striping By Hand For Repairs	4.29	
		For 60 mils Thick, Deduct	*-0.30*	
		For 125 mils Thick, Add	*0.39*	
32 17 23 33-0037	LF	Single 8" Wide Solid Line, 90 Mil Thick, Thermoplastic Reflective Pavement Striping By Hand For Repairs	5.29	
		For 60 mils Thick, Deduct	*-0.40*	
		For 125 mils Thick, Add	*0.52*	
32 17 23 33-0038	LF	Single 12" Wide Solid Line, 90 Mil Thick, Thermoplastic Reflective Pavement Striping By Hand For Repairs	7.61	
		For 60 mils Thick, Deduct	*-0.61*	
		For 125 mils Thick, Add	*0.78*	
32 17 23 33-0039	LF	Single 24" Wide Solid Line, 90 Mil Thick, Thermoplastic Reflective Pavement Striping By Hand For Repairs	13.66	
		For 60 mils Thick, Deduct	*-1.21*	
		For 125 mils Thick, Add	*1.56*	
32 17 23 33-0040		**Preformed, Patterned Reflective Pavement Marking Tape** *(32 17 23 33-0001)*		
		Note: Applied with pressure sensitive adhesive. Includes adhesive. 60 mil thickness. (3M Stamark 380 Series).		
32 17 23 33-0041	LF	Single 4" Wide Solid Line, 60 Mil Thick, Preformed Patterned Thermoplastic Reflective Pavement Striping	3.16	
		Note: Includes yellow or white.		
		For Up To 5,000 LF, Add	*0.63*	
		For >25,000 LF, Deduct	*-0.47*	
32 17 23 33-0042	LF	Single 6" Wide Solid Line, 60 Mil Thick, Preformed Patterned Thermoplastic Reflective Pavement Striping	4.68	
		Note: Includes yellow or white.		
		For Up To 5,000 LF, Add	*0.94*	
		For >25,000 LF, Deduct	*-0.70*	
32 17 23 33-0043	LF	Single 8" Wide Solid Line, 60 Mil Thick, Preformed Patterned Thermoplastic Reflective Pavement Striping	6.21	
		Note: Includes yellow or white.		
		For Up To 5,000 LF, Add	*1.24*	
		For >25,000 LF, Deduct	*-0.93*	
32 17 23 33-0044	LF	Single 12" Wide Solid Line, 60 Mil Thick, Preformed Patterned Thermoplastic Reflective Pavement Striping	9.23	
		Note: Includes yellow or white.		
		For Up To 5,000 LF, Add	*1.85*	
		For >25,000 LF, Deduct	*-1.38*	
32 17 23 33-0045	SF	Solid Area, 60 Mil Thick, Preformed Patterned Thermoplastic Reflective Pavement Marking Tape	26.10	
		Note: Includes yellow or white.		
32 17 23 33-0046	EA	6" High, Preformed Letter/Number, 60 Mil Thick, Patterned Thermoplastic Reflective Pavement Marking Tape	38.73	
		For <10, Add	*1.31*	
		For >50 To 100, Deduct	*-0.65*	
		For >100 To 200, Deduct	*-0.87*	
		For >200, Deduct	*-1.74*	
32 17 23 33-0047	EA	12" High, Preformed Letter/Number, 60 Mil Thick, Patterned Thermoplastic Reflective Pavement Marking Tape	68.18	
		For <10, Add	*1.66*	
		For >50 To 100, Deduct	*-0.83*	
		For >100 To 200, Deduct	*-1.11*	
		For >200, Deduct	*-2.21*	
32 17 23 33-0048	EA	24" High, Preformed Letter/Number, 60 Mil Thick, Patterned Thermoplastic Reflective Pavement Marking Tape	117.26	
		For <10, Add	*3.28*	
		For >50 To 100, Deduct	*-1.64*	
		For >100 To 200, Deduct	*-2.19*	
		For >200, Deduct	*-4.38*	
32 17 23 33-0049	EA	36" High, Preformed Letter/Number, 60 Mil Thick, Patterned Thermoplastic Reflective Pavement Marking Tape	169.86	
		For <10, Add	*6.57*	
		For >50 To 100, Deduct	*-3.28*	
		For >100 To 200, Deduct	*-4.38*	
		For >200, Deduct	*-8.76*	
32 17 23 33-0050	EA	48" High, Preformed Letter/Number, 60 Mil Thick, Patterned Thermoplastic Reflective Pavement Marking Tape	198.99	
		For <10, Add	*7.36*	
		For >50 To 100, Deduct	*-3.68*	
		For >100 To 200, Deduct	*-4.91*	
		For >200, Deduct	*-9.82*	
32 17 23 33-0051	EA	72" High, Preformed Letter/Number, 60 Mil Thick, Patterned Thermoplastic Reflective Pavement Marking Tape	255.84	
		For <10, Add	*13.10*	
		For >50 To 100, Deduct	*-6.55*	
		For >100 To 200, Deduct	*-8.74*	
		For >200, Deduct	*-17.47*	
32 17 23 33-0052	EA	96" High, Preformed Letter/Number, 60 Mil Thick, Patterned Thermoplastic Reflective Pavement Marking Tape	326.46	
		For <10, Add	*17.60*	
		For >50 To 100, Deduct	*-8.80*	
		For >100 To 200, Deduct	*-11.73*	
		For >200, Deduct	*-23.46*	
32 17 23 33-0053	EA	120" High, Preformed Letter/Number, 60 Mil Thick, Patterned Thermoplastic Reflective Pavement Marking Tape	409.13	
		For <10, Add	*21.80*	
		For >50 To 100, Deduct	*-10.90*	
		For >100 To 200, Deduct	*-14.54*	
		For >200, Deduct	*-29.07*	
32 17 23 33-0054	SF	Preformed Arrow, 60 Mil Thick, Patterned Thermoplastic Reflective Pavement Marking Tape	26.95	
32 17 23 33-0055	SF	Preformed Symbol, 60 Mil Thick, Patterned Thermoplastic Reflective Pavement Marking Tape	28.55	
		Note: Handicap, railroad, diamond symbol, etc.		
32 17 23 33-0056		**Preformed, Thermoplastic Reflective Pavement Marking** *(32 17 23 33-0001)*		
		Note: Heat applied. (Flint PreMark or HotTape Series).		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 17 23 33-0057	EA	Preformed Bike Lane Symbol, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 4' width x 8' height.	412.10	
32 17 23 33-0058	EA	Preformed Railroad Crossing Symbol, 125 Mil Thick, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 8' width x 20' height. Excludes transverse lines.	1,093.01	
32 17 23 33-0059	EA	Preformed Preferential Lane Symbol (Diamond), 125 Mil Thick, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 3-1/4' width x 13' height.	217.88	
32 17 23 33-0060	EA	6' Height, Preformed Through Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 2' width x 6' height.	183.96	
32 17 23 33-0061	EA	9-1/2' Height, Preformed Through Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 3-1/4' width x 9-1/2' height.	357.91	
32 17 23 33-0062	EA	4' Height, Preformed Turn Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 3' width x 4' height.	213.30	
32 17 23 33-0063	EA	8' Height, Preformed Turn Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 6' width x 8' height.	398.56	
32 17 23 33-0064	EA	Preformed Turn And Through Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 7-1/4' width x 12-3/4' height.	681.69	
32 17 23 33-0065	EA	Preformed Dual Turn And Through Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 11-1/4' width x 13-1/4' height.	1,026.79	
32 17 23 33-0066	EA	Preformed Elongated Through Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 1-2/3' width x 12' height.	368.32	
32 17 23 33-0067	EA	Preformed Elongated Turn Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 3' width x 12' height.	408.97	
32 17 23 33-0068	EA	Preformed Elongated Dual Turn Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 5-1/2' width x 12' height.	754.18	
32 17 23 33-0069	EA	Preformed Elongated Turn And Through Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 3-1/2' width x 20' height.	693.37	
32 17 23 33-0070	EA	Preformed Elongated Dual Turn And Through Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 5-1/2' width x 20' height.	696.56	
32 17 23 33-0071	EA	Preformed Lane-Reduction Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 5-1/2' width x 18' height.	958.14	
32 17 23 33-0072		Thermoplastic Pavement Striping, Letters And Symbols For Parking Areas *(32 17 23 33)*		
32 17 23 33-0073		Thermoplastic Pavement Marking Symbols For Parking Areas *(32 17 23 33-0072)* Note: Heat applied. (Flint PreMark Series).		
32 17 23 33-0074	EA	28" Handicap Symbol For Standard Parking Stalls, 90 Mil Thick, Thermoplastic Pavement Marking Tape For Parking Areas Note: White or blue symbol. Excludes striping.	140.48	
32 17 23 33-0075	EA	39" Handicap Symbol For Standard Parking Stalls, 90 Mil Thick, Thermoplastic Pavement Marking Tape For Parking Areas Note: Approximate overall dimensions: 2-2/3' width x 3' height. White or blue symbol. Excludes striping.	527.14	
32 17 23 33-0076	EA	40" x 40" Handicap Symbol For Van Parking Stalls, 90 Mil Thick, Thermoplastic Pavement Marking Tape For Parking Areas Note: White symbol on blue background. Excludes striping.	298.68	
32 17 23 33-0077	EA	45" x 45" Handicap Symbol For Van Parking Stalls, 90 Mil Thick, Thermoplastic Pavement Marking Tape For Parking Areas Note: White symbol on blue background. Excludes striping.	358.74	
32 17 23 33-0078	EA	48" x 48" Handicap Symbol For Van Parking Stalls, 90 Mil Thick, Thermoplastic Pavement Marking Tape For Parking Areas Note: White symbol on blue background. Excludes striping.	375.97	

32 17 26 Tactile Warning Surfaces *(32 17)*

32 17 26 00-0001		Vitrified Polymer Composite (VPC); (Armor Tile) *(32 17 26)* Note: Truncated dome, raised strips or directional bars. All colors.		
32 17 26 00-0002	SF	Surface Applied VPC Truncated Dome Detectable Warning Surface Note: Includes adhesive, fasteners and sealant at perimeter. Also raised strips or directional bars. All colors.	70.82	11.06
32 17 26 00-0003	SF	Embedded, VPC Truncated Dome Detectable Warning Surface Note: Also raised strips or directional bars. All colors.	56.45	11.06

32 18 Athletic and Recreational Surfacing *(32 10)*

32 18 16 Synthetic Resilient Surfacing *(32 18)*

32 18 16 13 Playground Protective Surfacing *(32 18 16)*

32 18 16 13-0001		Tile Playground Surface Material *(32 18 16 13)* Note: Black. With or without channel bottom. Includes transition section and curbs. Excludes sub base.		
32 18 16 13-0002	SF	1-3/4" Thick, Resilient Rubber Tile Playground Surfacing	24.89	2.89
		For Manufacturer's Standard Colors, Add	*1.46*	
		For Interlocking Tiles, Add	*3.25*	
		For Mechanically Fastened, Add	*2.13*	
		For Ethylene Propylene Diene Monomer (EPDM) Top Wearing Surface, Add	*1.50*	
32 18 16 13-0003	SF	2" Thick, Resilient Rubber Tile Playground Surfacing	25.44	3.06
		For Manufacturer's Standard Colors, Add	*1.46*	
		For Interlocking Tiles, Add	*3.25*	
		For Mechanically Fastened, Add	*2.24*	
		For Ethylene Propylene Diene Monomer (EPDM) Top Wearing Surface, Add	*1.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 18 16 13-0004	SF	2-1/4" Thick, Resilient Rubber Tile Playground Surfacing	26.52	3.41
		For Manufacturer's Standard Colors, Add	*1.46*	
		For Interlocking Tiles, Add	*3.25*	
		For Mechanically Fastened, Add	*2.45*	
		For Ethylene Propylene Diene Monomer (EPDM) Top Wearing Surface, Add	*1.50*	
32 18 16 13-0005	SF	2-1/2" Thick, Resilient Rubber Tile Playground Surfacing	27.60	3.78
		For Manufacturer's Standard Colors, Add	*1.46*	
		For Interlocking Tiles, Add	*3.25*	
		For Mechanically Fastened, Add	*2.67*	
		For Ethylene Propylene Diene Monomer (EPDM) Top Wearing Surface, Add	*1.50*	
32 18 16 13-0006	SF	2-3/4" Thick, Resilient Rubber Tile Playground Surfacing	30.77	4.14
		For Manufacturer's Standard Colors, Add	*1.10*	
		For Interlocking Tiles, Add	*3.67*	
		For Mechanically Fastened, Add	*2.88*	
		For Ethylene Propylene Diene Monomer (EPDM) Top Wearing Surface, Add	*1.50*	
32 18 16 13-0007	SF	3" Thick, Resilient Rubber Tile Playground Surfacing	31.97	4.54
		For Manufacturer's Standard Colors, Add	*1.10*	
		For Interlocking Tiles, Add	*3.67*	
		For Mechanically Fastened, Add	*3.12*	
		For Ethylene Propylene Diene Monomer (EPDM) Top Wearing Surface, Add	*1.50*	
32 18 16 13-0008	SF	3-1/4" Thick, Resilient Rubber Tile Playground Surfacing	33.21	4.95
		For Manufacturer's Standard Colors, Add	*1.10*	
		For Interlocking Tiles, Add	*3.67*	
		For Mechanically Fastened, Add	*3.37*	
		For Ethylene Propylene Diene Monomer (EPDM) Top Wearing Surface, Add	*1.50*	
32 18 16 13-0009	SF	3-1/2" Thick, Resilient Rubber Tile Playground Surfacing	36.47	5.29
		For Manufacturer's Standard Colors, Add	*0.61*	
		For Interlocking Tiles, Add	*4.10*	
		For Mechanically Fastened, Add	*3.60*	
		For Ethylene Propylene Diene Monomer (EPDM) Top Wearing Surface, Add	*1.50*	
32 18 16 13-0010	SF	3-3/4" Thick, Resilient Rubber Tile Playground Surfacing	37.55	5.72
		For Manufacturer's Standard Colors, Add	*0.61*	
		For Interlocking Tiles, Add	*4.10*	
		For Mechanically Fastened, Add	*3.81*	
		For Ethylene Propylene Diene Monomer (EPDM) Top Wearing Surface, Add	*1.50*	
32 18 16 13-0011	SF	4" Thick, Resilient Rubber Tile Playground Surfacing	38.74	6.05
		For Manufacturer's Standard Colors, Add	*0.61*	
		For Interlocking Tiles, Add	*4.10*	
		For Mechanically Fastened, Add	*4.05*	
		For Ethylene Propylene Diene Monomer (EPDM) Top Wearing Surface, Add	*1.50*	
32 18 16 13-0012	SF	4-1/2" Thick, Resilient Rubber Tile Playground Surfacing	44.54	6.80
		For Manufacturer's Standard Colors, Add	*0.60*	
		For Interlocking Tiles, Add	*4.80*	
		For Mechanically Fastened, Add	*4.51*	
		For Ethylene Propylene Diene Monomer (EPDM) Top Wearing Surface, Add	*1.50*	

32 18 16 13-0013 Loose Laid Playground Surface Material *(32 18 16 13)*

Note: Excludes sub base.

32 18 16 13-0014	SF	3" Loose Laid Wood Fiber Safety Playground Surfacing	2.12	0.43
32 18 16 13-0015	SF	6" Loose Laid Wood Fiber Safety Playground Surfacing	2.84	0.54
32 18 16 13-0016	SF	9" Loose Laid Wood Fiber Safety Playground Surfacing	3.62	0.65
32 18 16 13-0017	SF	12" Loose Laid Wood Fiber Safety Playground Surfacing	5.12	0.98
32 18 16 13-0018	SF	3" Loose Laid Synthetic Fiber Safety Playground Surfacing	3.25	0.43
32 18 16 13-0019	SF	6" Loose Laid Synthetic Fiber Safety Playground Surfacing	4.03	0.54
32 18 16 13-0020	SF	9" Loose Laid Synthetic Fiber Safety Playground Surfacing	6.22	0.65
32 18 16 13-0021	SF	12" Loose Laid Synthetic Fiber Safety Playground Surfacing	7.75	0.98
32 18 16 13-0022	SF	8" FIBAR System Playground Surfacing Note: Includes drainage system on 6" centers, felt, edge railing and 8" wood fiber.	13.12	1.62
32 18 16 13-0023	SF	12" FIBAR System Playground Surfacing Note: Includes drainage system on 6" centers, felt, edge railing and 12" wood fiber.	16.67	2.16

32 18 16 13-0024 Poured In Place Playground Surfacing *(32 18 16 13)*

Note: Includes SBR base mat, 100% color ethylene propylene diene monomer (EPDM) top surface and 5 year warranty. Includes primer for base mat and top surface. Includes all colors. Excludes base preparation.

32 18 16 13-0025	SF	1-3/4" Thick, Up To 4' Critical Fall Height, Poured In Place Rubber Playground Surfacing	20.92	3.38
		For Up To 2,000, Add	*4.48*	
		For >2,000 To 3,000, Add	*3.15*	
		For >3,000 To 4,000, Add	*2.14*	
		For >4,000 To 5,000, Add	*1.36*	
		For >5,000 To 7,000, Add	*0.56*	
		For Aliphatic (Non-Yellowing) Binder, Add	*4.28*	
		For Each 10% Of Area In Black Instead Of Color, Deduct	*-0.58*	
32 18 16 13-0026	SF	2" Thick, 5' Critical Fall Height, Poured In Place Rubber Playground Surfacing	21.58	3.75
		For Up To 2,000, Add	*4.61*	
		For >2,000 To 3,000, Add	*3.24*	
		For >3,000 To 4,000, Add	*2.20*	
		For >4,000 To 5,000, Add	*1.41*	
		For >5,000 To 7,000, Add	*0.58*	
		For Aliphatic (Non-Yellowing) Binder, Add	*4.28*	
		For Each 10% Of Area In Black Instead Of Color, Deduct	*-0.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 18 16 13-0027	SF	2-1/2" Thick, 6' Critical Fall Height, Poured In Place Rubber Playground Surfacing	23.29	4.28
		For Up To 2,000, Add	*4.98*	
		For >2,000 To 3,000, Add	*3.50*	
		For >3,000 To 4,000, Add	*2.38*	
		For >4,000 To 5,000, Add	*1.52*	
		For >5,000 To 7,000, Add	*0.63*	
		For Aliphatic (Non-Yellowing) Binder, Add	*4.28*	
		For Each 10% Of Area In Black Instead Of Color, Deduct	*-0.58*	
32 18 16 13-0028	SF	3" Thick, 7' Critical Fall Height, Poured In Place Rubber Playground Surfacing	25.16	4.56
		For Up To 2,000, Add	*5.38*	
		For >2,000 To 3,000, Add	*3.78*	
		For >3,000 To 4,000, Add	*2.57*	
		For >4,000 To 5,000, Add	*1.64*	
		For >5,000 To 7,000, Add	*0.68*	
		For Aliphatic (Non-Yellowing) Binder, Add	*4.28*	
		For Each 10% Of Area In Black Instead Of Color, Deduct	*-0.58*	
32 18 16 13-0029	SF	3-1/2" Thick, 8' Critical Fall Height, Poured In Place Rubber Playground Surfacing	27.02	4.80
		For Up To 2,000, Add	*5.78*	
		For >2,000 To 3,000, Add	*4.06*	
		For >3,000 To 4,000, Add	*2.76*	
		For >4,000 To 5,000, Add	*1.76*	
		For >5,000 To 7,000, Add	*0.73*	
		For Aliphatic (Non-Yellowing) Binder, Add	*4.28*	
		For Each 10% Of Area In Black Instead Of Color, Deduct	*-0.58*	
32 18 16 13-0030	SF	4" Thick, 9' Critical Fall Height, Poured In Place Rubber Playground Surfacing	28.60	5.07
		For Up To 2,000, Add	*6.12*	
		For >2,000 To 3,000, Add	*4.30*	
		For >3,000 To 4,000, Add	*2.92*	
		For >4,000 To 5,000, Add	*1.86*	
		For >5,000 To 7,000, Add	*0.77*	
		For Aliphatic (Non-Yellowing) Binder, Add	*4.28*	
		For Each 10% Of Area In Black Instead Of Color, Deduct	*-0.58*	
32 18 16 13-0031	SF	4-1/2" Thick, 10' Critical Fall Height, Poured In Place Rubber Playground Surfacing	30.46	5.35
		For Up To 2,000, Add	*6.51*	
		For >2,000 To 3,000, Add	*4.58*	
		For >3,000 To 4,000, Add	*3.11*	
		For >4,000 To 5,000, Add	*1.98*	
		For >5,000 To 7,000, Add	*0.82*	
		For Aliphatic (Non-Yellowing) Binder, Add	*4.28*	
		For Each 10% Of Area In Black Instead Of Color, Deduct	*-0.58*	
32 18 16 13-0032	SF	5-1/2" Thick, 12' Critical Fall Height, Poured In Place Rubber Playground Surfacing	34.17	6.00
		For Up To 2,000, Add	*7.31*	
		For >2,000 To 3,000, Add	*5.14*	
		For >3,000 To 4,000, Add	*3.49*	
		For >4,000 To 5,000, Add	*2.23*	
		For >5,000 To 7,000, Add	*0.92*	
		For Aliphatic (Non-Yellowing) Binder, Add	*4.28*	
		For Each 10% Of Area In Black Instead Of Color, Deduct	*-0.58*	
32 18 16 13-0033	SF	1/2" Top Only, Poured In Place Playground Surfacing Note: Not used with new surfacing system tasks.	13.66	
		For Up To 2,000, Add	*4.43*	
		For >2,000 To 3,000, Add	*2.86*	
		For >3,000 To 4,000, Add	*1.74*	
		For >4,000 To 5,000, Add	*1.05*	
		For >5,000 To 7,000, Add	*0.47*	
		For Aliphatic (Non-Yellowing) Binder, Add	*4.28*	
		For Each 10% Of Area In Black Instead Of Color, Deduct	*-0.58*	
32 18 16 13-0034	EA	Simple Graphics Including Hopscotch, Four Square Or Geometric Shapes (5 Per 1,000 SF) For Poured In Place Playground Surfacing	3,331.72	

32 18 16 13-0035 Synthetic Playground Turf (Sporturf) *(32 18 16 13)*

Note: Excludes base preparation, aggregate, or drainage.

32 18 16 13-0036	SF	60 OZ/SY Face Weight, Tufted Polyethylene Monofilament Classic Spine/ Texturized Polypropylene Synthetic Turf (Sporturf PL929)	10.92	
32 18 16 13-0037	SF	71 OZ/SY Face Weight, Tufted Polyethylene Monofilament Classic Spine/ Texturized Polypropylene Synthetic Turf (Mirage PL906)	9.65	
32 18 16 13-0038	SF	2" Foam Padding (Sporturf)	6.27	
32 18 16 13-0039	CF	Sand/Ruber Infill (Sporturf)	63.10	

32 18 23 Athletic Surfacing *(32 18)*

32 18 23 13 Baseball Field Surfacing *(32 18 23)*

32 18 23 13-0001 Clay Infield Maintenance *(32 18 23 13)*

32 18 23 13-0002	MSF	Playing Field Maintenance (Clay - Nail Drag)	13.99	
32 18 23 13-0003	MSF	Playing Field Maintenance (Clay - Screen Drag)	13.99	
32 18 23 13-0004	CY	Playing Field Maintenance Of Clay	114.33	
32 18 23 13-0005	Ton	Medium Pro Baseball Infield Mix (Diamond Select 60/40 Pro Infield Mix)	187.21	

32 18 23 23 Field Sport Surfacing *(32 18 23)*

32 18 23 23-0001 Turf Field Maintenance *(32 18 23 23)*

32 18 23 23-0002	ACR	Turf Aeration (Minimum 6" Penetration)	188.25	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 18 23 23-0003	MSF	Top Dressing 1/8" - 1/4" Sand	17.80	
32 18 23 23-0004	BAG	Envirofill, 50 LB Bag	135.26	

32 18 23 29 Synthetic Field Sport Surfacing *(32 18 23)*

32 18 23 29-0001 Synthetic Field Sport Surfacing *(32 18 23 29)*

32 18 23 29-0002 Synthetic Turf (AstroTurf) *(32 18 23 29-0001)*
Note: Includes labor, equipment and material required to install the task.

32 18 23 29-0003 Tufted Monofilament Polyethylene Synthetic Turf (AstroTurf® GameDay Grass™ MT) *(32 18 23 29-0002)*

32 18 23 29-0004 38 Oz/SY Face Weight, Tufted Monofilament Polyethylene Synthetic Turf (AstroTurf® GameDay Grass™ MT 38) *(32 18 23 29-0003)*

32 18 23 29-0005	SF	38 Oz/SY Face Weight, Tufted Monofilament Polyethylene Synthetic Turf With Ambient Rubber Infill (AstroTurf® GameDay Grass™ MT 38)	8.68
		For Ambient Rubber And Sand Infill, Add	*0.10*
		For Cryo Rubber Infill, Add	*0.26*
		For Ethylene Propylene Diene Monomer (EPDM) Rubber Infill, Add	*0.31*
		For Cryo Rubber And Sand Infill, Add	*0.36*
32 18 23 29-0006	EA	Football Markings For AstroTurf® GameDay Grass™ MT 38 Fields	27,453.10
32 18 23 29-0007	EA	Baseball Markings For AstroTurf® GameDay Grass™ MT 38 Fields	22,376.87
32 18 23 29-0008	EA	Soccer, Lacrosse, Softball Or Field Hockey Markings For AstroTurf® GameDay Grass™ MT 38 Fields Note: Per sport.	6,733.78
32 18 23 29-0009	EA	Endzone Lettering For AstroTurf® GameDay Grass™ MT 38 Fields Note: Per letter. Excludes outline.	2,486.32
32 18 23 29-0010	EA	Colored Endzone For AstroTurf® GameDay Grass™ MT 38 Fields Note: Per endzone.	2,382.72
32 18 23 29-0011	EA	Simple Logo For AstroTurf® GameDay Grass™ MT 38 Fields Note: Block letter.	20,719.32
32 18 23 29-0012	EA	Deluxe Logo For AstroTurf® GameDay Grass™ MT 38 Fields Note: Graphic.	30,043.01

32 18 23 29-0013 41 Oz/SY Face Weight, Tufted Monofilament Polyethylene Synthetic Turf (AstroTurf® GameDay Grass™ MT 41) *(32 18 23 29-0003)*

32 18 23 29-0014	SF	41 Oz/SY Face Weight, Tufted Monofilament Polyethylene Synthetic Turf With Ambient Rubber Infill (AstroTurf® GameDay Grass™ MT 41)	9.93
		For Ambient Rubber And Sand Infill, Add	*0.10*
		For Cryo Rubber Infill, Add	*0.26*
		For Ethylene Propylene Diene Monomer (EPDM) Rubber Infill, Add	*0.31*
		For Cryo Rubber And Sand Infill, Add	*0.36*
32 18 23 29-0015	EA	Football Markings For AstroTurf® GameDay Grass™ MT 41 Fields	27,971.25
32 18 23 29-0016	EA	Baseball Markings For AstroTurf® GameDay Grass™ MT 41 Fields	23,205.78
32 18 23 29-0017	EA	Soccer, Lacrosse, Softball Or Field Hockey Markings For AstroTurf® GameDay Grass™ MT 41 Fields Note: Per sport.	7,251.81
32 18 23 29-0018	EA	Endzone Lettering For AstroTurf® GameDay Grass™ MT 41 Fields Note: Per letter. Excludes outline.	2,693.53
32 18 23 29-0019	EA	Colored Endzone For AstroTurf® GameDay Grass™ MT 41 Fields Note: Per endzone.	2,486.33
32 18 23 29-0020	EA	Simple Logo For AstroTurf® GameDay Grass™ MT 41 Fields Note: Block letter.	21,755.42
32 18 23 29-0021	EA	Deluxe Logo For AstroTurf® GameDay Grass™ MT 41 Fields Note: Graphic.	31,545.35

32 18 23 29-0022 45 Oz/SY Face Weight, Tufted Monofilament Polyethylene Synthetic Turf (AstroTurf® GameDay Grass™ MT 45) *(32 18 23 29-0003)*

32 18 23 29-0023	SF	45 Oz/SY Face Weight, Tufted Monofilament Polyethylene Synthetic Turf With Ambient Rubber Infill (AstroTurf® GameDay Grass™ MT 45)	10.11
		For Ambient Rubber And Sand Infill, Add	*0.10*
		For Cryo Rubber Infill, Add	*0.26*
		For Ethylene Propylene Diene Monomer (EPDM) Rubber Infill, Add	*0.31*
		For Cryo Rubber And Sand Infill, Add	*0.36*
32 18 23 29-0024	EA	Football Markings For AstroTurf® GameDay Grass™ MT 45 Fields	28,489.24
32 18 23 29-0025	EA	Baseball Markings For AstroTurf® GameDay Grass™ MT 45 Fields	25,070.53
32 18 23 29-0026	EA	Soccer, Lacrosse, Softball Or Field Hockey Markings For AstroTurf® GameDay Grass™ MT 45 Fields Note: Per sport.	7,769.79
32 18 23 29-0027	EA	Endzone Lettering For AstroTurf® GameDay Grass™ MT 45 Fields Note: Per letter. Excludes outline.	2,900.72
32 18 23 29-0028	EA	Colored Endzone For AstroTurf® GameDay Grass™ MT 45 Fields Note: Per endzone.	2,589.93
32 18 23 29-0029	EA	Simple Logo For AstroTurf® GameDay Grass™ MT 45 Fields Note: Block letter.	22,791.39
32 18 23 29-0030	EA	Deluxe Logo For AstroTurf® GameDay Grass™ MT 45 Fields Note: Graphic.	33,047.51

32 18 23 29-0031 Tufted Monofilament Polyethylene Synthetic Turf With Nylon Root Zone (AstroTurf® GameDay Grass™ 3D) *(32 18 23 29-0002)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

32 18 23 29-0032 52 Oz/SY Face Weight, Tufted Slit-Film Polyethylene Synthetic Turf With Nylon Root Zone (AstroTurf® GameDay Grass™ 3DX 52) *(32 18 23 29-0031)*

32 18 23 29-0033	SF	52 Oz/SY Face Weight, Tufted Slit-Film Polyethylene Synthetic Turf With Nylon Root Zone And Ambient Rubber Infill (AstroTurf® GameDay Grass™ 3DX 52)	11.28	
		For Ambient Rubber And Sand Infill, Add	*0.10*	
		For Cryo Rubber Infill, Add	*0.20*	
		For Ethylene Propylene Diene Monomer (EPDM) Rubber Infill, Add	*0.25*	
		For Cryo Rubber And Sand Infill, Add	*0.30*	
32 18 23 29-0034	EA	Football Markings For AstroTurf® GameDay Grass™ 3DX 52 Fields	29,525.03	
32 18 23 29-0035	EA	Baseball Markings For AstroTurf® GameDay Grass™ 3DX 52 Fields	31,493.37	
32 18 23 29-0036	EA	Soccer, Lacrosse, Softball Or Field Hockey Markings For AstroTurf® GameDay Grass™ 3DX 52 Fields Note: Per sport.	8,805.71	
32 18 23 29-0037	EA	Endzone Lettering For AstroTurf® GameDay Grass™ 3DX 52 Fields Note: Per letter. Excludes outline.	3,315.09	
32 18 23 29-0038	EA	Colored Endzone For AstroTurf® GameDay Grass™ 3DX 52 Fields Note: Per endzone.	2,797.11	
32 18 23 29-0039	EA	Simple Logo For AstroTurf® GameDay Grass™ 3DX 52 Fields Note: Block letter.	24,863.18	
32 18 23 29-0040	EA	Deluxe Logo For AstroTurf® GameDay Grass™ 3DX 52 Fields Note: Graphic.	36,051.62	

32 18 23 29-0041 60 Oz/SY Face Weight, Tufted Slit-Film Polyethylene Synthetic Turf With Nylon Root Zone (AstroTurf® GameDay Grass™ 3DX 60) *(32 18 23 29-0031)*

32 18 23 29-0042	SF	60 Oz/SY Face Weight, Tufted Slit-Film Polyethylene Synthetic Turf With Nylon Root Zone And Ambient Rubber Infill (AstroTurf® GameDay Grass™ 3DX 60)	11.66	
		For Ambient Rubber And Sand Infill, Add	*0.10*	
		For Cryo Rubber Infill, Add	*0.20*	
		For Ethylene Propylene Diene Monomer (EPDM) Rubber Infill, Add	*0.25*	
		For Cryo Rubber And Sand Infill, Add	*0.30*	
32 18 23 29-0043	EA	Football Markings For AstroTurf® GameDay Grass™ 3DX 60 Fields	30,043.01	
32 18 23 29-0044	EA	Baseball Markings For AstroTurf® GameDay Grass™ 3DX 60 Fields	35,015.65	
32 18 23 29-0045	EA	Soccer, Lacrosse, Softball Or Field Hockey Markings For AstroTurf® GameDay Grass™ 3DX 60 Fields Note: Per sport.	9,323.69	
32 18 23 29-0046	EA	Endzone Lettering For AstroTurf® GameDay Grass™ 3DX 60 Fields Note: Per letter. Excludes outline.	3,522.28	
32 18 23 29-0047	EA	Colored Endzone For AstroTurf® GameDay Grass™ 3DX 60 Fields Note: Per endzone.	2,900.70	
32 18 23 29-0048	EA	Simple Logo For AstroTurf® GameDay Grass™ 3DX 60 Fields Note: Block letter.	25,899.15	
32 18 23 29-0049	EA	Deluxe Logo For AstroTurf® GameDay Grass™ 3DX 60 Fields Note: Graphic.	37,553.77	

32 18 23 29-0050 52 Oz/SY Face Weight, Tufted Monofilament Polyethylene Synthetic Turf With Nylon Root Zone (AstroTurf® GameDay Grass™ 3D 52) *(32 18 23 29-0031)*

32 18 23 29-0051	SF	52 Oz/SY Face Weight, Tufted Monofilament Polyethylene Synthetic Turf With Nylon Root Zone And Ambient Rubber Infill (AstroTurf® GameDay Grass™ 3D 52)	11.68	
		For Ambient Rubber And Sand Infill, Add	*0.10*	
		For Cryo Rubber Infill, Add	*0.20*	
		For Ethylene Propylene Diene Monomer (EPDM) Rubber Infill, Add	*0.25*	
		For Cryo Rubber And Sand Infill, Add	*0.30*	
32 18 23 29-0052	EA	Football Markings For AstroTurf® GameDay Grass™ 3D 52 Fields	30,561.00	
32 18 23 29-0053	EA	Baseball Markings For AstroTurf® GameDay Grass™ 3D 52 Fields	35,222.84	
32 18 23 29-0054	EA	Soccer, Lacrosse, Softball Or Field Hockey Markings For AstroTurf® GameDay Grass™ 3D 52 Fields Note: Per sport.	9,841.68	
32 18 23 29-0055	EA	Endzone Lettering For AstroTurf® GameDay Grass™ 3D 52 Fields Note: Per letter. Excludes outline.	3,729.48	
32 18 23 29-0056	EA	Colored Endzone For AstroTurf® GameDay Grass™ 3D 52 Fields Note: Per endzone.	3,004.30	
32 18 23 29-0057	EA	Simple Logo For AstroTurf® GameDay Grass™ 3D 52 Fields Note: Block letter.	26,935.12	
32 18 23 29-0058	EA	Deluxe Logo For AstroTurf® GameDay Grass™ 3D 52 Fields Note: Graphic.	39,055.92	

32 18 23 29-0059 60 Oz/SY Face Weight, Tufted Monofilament Polyethylene Synthetic Turf With Nylon Root Zone (AstroTurf® GameDay Grass™ 3D 60) *(32 18 23 29-0031)*

32 18 23 29-0060	SF	60 Oz/SY Face Weight, Tufted Monofilament Polyethylene Synthetic Turf With Nylon Root Zone And Ambient Rubber Infill (AstroTurf® GameDay Grass™ 3D 60)	11.89	
		For Ambient Rubber And Sand Infill, Add	*0.10*	
		For Cryo Rubber Infill, Add	*0.20*	
		For Ethylene Propylene Diene Monomer (EPDM) Rubber Infill, Add	*0.25*	
		For Cryo Rubber And Sand Infill, Add	*0.30*	
32 18 23 29-0061	EA	Football Markings For AstroTurf® GameDay Grass™ 3D 60 Fields	31,078.98	
32 18 23 29-0062	EA	Baseball Markings For AstroTurf® GameDay Grass™ 3D 60 Fields	37,501.97	
32 18 23 29-0063	EA	Soccer, Lacrosse, Softball Or Field Hockey Markings For AstroTurf® GameDay Grass™ 3D 60 Fields Note: Per sport.	10,359.66	
32 18 23 29-0064	EA	Endzone Lettering For AstroTurf® GameDay Grass™ 3D 60 Fields Note: Per letter. Excludes outline.	4,143.86	
32 18 23 29-0065	EA	Colored Endzone For AstroTurf® GameDay Grass™ 3D 60 Fields Note: Per endzone.	3,107.90	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 18 23 29-0066	EA	Simple Logo For AstroTurf® GameDay Grass™ 3D 60 Fields Note: Block letter.	27,971.08	
32 18 23 29-0067	EA	Deluxe Logo For AstroTurf® GameDay Grass™ 3D 60 Fields Note: Graphic.	40,558.07	

32 18 23 29-0068 Tufted Monofilament Polyethylene Synthetic Turf (AstroTurf® GameDay Grass™ XPe) *(32 18 23 29-0002)*

32 18 23 29-0069 38 Oz/SY Face Weight, Tufted Slit-Film Polyethylene Synthetic Turf With Nylon Root Zone (AstroTurf® GameDay Grass™ XPe 38) *(32 18 23 29-0068)*

32 18 23 29-0070	SF	38 Oz/SY Face Weight, Tufted Slit-Film Polyethylene Synthetic Turf With Nylon Root Zone And Ambient Rubber Infill (AstroTurf® GameDay Grass™ XPe 38)	9.55
		For Ambient Rubber And Sand Infill, Add	*0.10*
		For Cryo Rubber Infill, Add	*0.26*
		For Ethylene Propylene Diene Monomer (EPDM) Rubber Infill, Add	*0.31*
		For Cryo Rubber And Sand Infill, Add	*0.36*
32 18 23 29-0071	EA	Football Markings For AstroTurf® GameDay Grass™ XPe 38 Fields	26,417.29
32 18 23 29-0072	EA	Baseball Markings For AstroTurf® GameDay Grass™ XPe 38 Fields	19,476.28
32 18 23 29-0073	EA	Soccer, Lacrosse, Softball Or Field Hockey Markings For AstroTurf® GameDay Grass™ XPe 38 Fields Note: Per sport.	5,697.85
32 18 23 29-0074	EA	Endzone Lettering For AstroTurf® GameDay Grass™ XPe 38 Fields Note: Per letter. Excludes outline.	2,071.94
32 18 23 29-0075	EA	Colored Endzone For AstroTurf® GameDay Grass™ XPe 38 Fields Note: Per endzone.	2,175.54
32 18 23 29-0076	EA	Simple Logo For AstroTurf® GameDay Grass™ XPe 38 Fields Note: Block letter.	18,647.50
32 18 23 29-0077	EA	Deluxe Logo For AstroTurf® GameDay Grass™ XPe 38 Fields Note: Graphic.	27,038.87

32 18 23 29-0078 42 Oz/SY Face Weight, Tufted Slit-Film Polyethylene Synthetic Turf With Nylon Root Zone (AstroTurf® GameDay Grass™ XPe 42) *(32 18 23 29-0068)*

32 18 23 29-0079	SF	42 Oz/SY Face Weight, Tufted Slit-Film Polyethylene Synthetic Turf With Nylon Root Zone And Ambient Rubber Infill (AstroTurf® GameDay Grass™ XPe 42)	8.42
		For Ambient Rubber And Sand Infill, Add	*0.10*
		For Cryo Rubber Infill, Add	*0.26*
		For Ethylene Propylene Diene Monomer (EPDM) Rubber Infill, Add	*0.31*
		For Cryo Rubber And Sand Infill, Add	*0.36*
32 18 23 29-0080	EA	Football Markings For AstroTurf® GameDay Grass™ XPe 42 Fields	26,935.12
32 18 23 29-0081	EA	Baseball Markings For AstroTurf® GameDay Grass™ XPe 42 Fields	20,719.32
32 18 23 29-0082	EA	Soccer, Lacrosse, Softball Or Field Hockey Markings For AstroTurf® GameDay Grass™ XPe 42 Fields Note: Per sport.	6,215.80
32 18 23 29-0083	EA	Endzone Lettering For AstroTurf® GameDay Grass™ XPe 42 Fields Note: Per letter. Excludes outline.	2,279.13
32 18 23 29-0084	EA	Colored Endzone For AstroTurf® GameDay Grass™ XPe 42 Fields Note: Per endzone.	2,279.13
32 18 23 29-0085	EA	Simple Logo For AstroTurf® GameDay Grass™ XPe 42 Fields Note: Block letter.	19,683.35
32 18 23 29-0086	EA	Deluxe Logo For AstroTurf® GameDay Grass™ XPe 42 Fields Note: Graphic.	28,540.86

32 18 23 29-0087 Tufted Monofilament Nylon Synthetic Turf With Nylon Root Zone And Attached Pad (AstroTurf® PureGrass®) *(32 18 23 29-0002)*

32 18 23 29-0088	SF	Tufted Monofilament Nylon Synthetic Turf With Nylon Root Zone And Attached Pad (AstroTurf® PureGrass®)	18.54
32 18 23 29-0089	SF	Tufted Monofilament Nylon Synthetic Turf With Nylon Root Zone And Ambient Rubber Infill (AstroTurf® PureGrass®)	16.63
32 18 23 29-0090	EA	Football Markings For AstroTurf® PureGrass® Fields	51,118.17
32 18 23 29-0091	EA	Baseball Markings For AstroTurf® PureGrass® Fields	60,730.13
32 18 23 29-0092	EA	Soccer, Lacrosse, Softball Or Field Hockey Markings For AstroTurf® PureGrass® Fields Note: Per sport.	14,854.85
32 18 23 29-0093	EA	Endzone Lettering For AstroTurf® PureGrass® Fields Note: Per letter. Excludes outline.	5,679.80
32 18 23 29-0094	EA	Colored Endzone For AstroTurf® PureGrass® Fields Note: Per endzone.	4,215.93
32 18 23 29-0095	EA	Simple Logo For AstroTurf® PureGrass® Fields Note: Block letter.	37,943.38
32 18 23 29-0096	EA	Deluxe Logo For AstroTurf® PureGrass® Fields Note: Graphic.	55,705.69

32 18 23 29-0097 Synthetic Turf (G9 Turf) *(32 18 23 29-0001)*

Note: Includes labor, equipment and material required to install the task.

32 18 23 29-0098	SF	2-1/2" Height, 53 Ounce, Tufted 3/8" Gauge Monofilament Synthetic Turf With Thatch Layer And Ethylene Propylene Diene Monomer (EPDM) Infill (G9 Turf Playmaker Turf) Note: For football and multi-sport fields. Excludes preparation of sub-base, grooming, sports lines and logos.	10.36
		For >35,000, Deduct	*-0.94*
32 18 23 29-0099	SF	2" Height, 48 Ounce, Tufted 3/8" Gauge Monofilament Synthetic Turf With Thatch Layer And Ethylene Propylene Diene Monomer (EPDM) Infill (G9 Turf Striker Turf) Note: For all sports other than football. Excludes preparation of sub-base, grooming, sports lines and logos.	10.27
		For >35,000, Deduct	*-0.94*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 18 23 29-0100	SF	1-3/4" Height, 72 Ounce, Tufted 3/8" Gauge, Two-Color Monofilament Synthetic Turf With Thatch Layer And Acrylic Coated Sand Infill (G9 Turf Perennial Turf)	10.72	
		Note: For landscaped areas or playgrounds. Excludes preparation of sub-base, grooming, sports lines and logos.		
32 18 23 29-0101	EA	Football Inlays For G9 Synthetic Turf	70,684.04	
		Note: Includes field grid, numbers, arrows, coach's box and kick off lines.		
32 18 23 29-0102	EA	Soccer Inlays For G9 Synthetic Turf	30,629.75	
32 18 23 29-0103	EA	Boys Lacrosse Inlays For G9 Synthetic Turf	30,629.75	
32 18 23 29-0104	EA	Girls Lacrosse Inlays For G9 Synthetic Turf	30,629.75	
32 18 23 29-0105	EA	Field Hockey Inlays For G9 Synthetic Turf	30,629.75	
32 18 23 29-0106	EA	Endzone Lettering For G9 Synthetic Turf	3,534.20	
		Note: Priced per letter. Includes single color outlining.		
32 18 23 29-0107	SF	Ethylene Propylene Diene Monomer (EPDM) Black Infill For G9 Synthetic Turf	3.31	
32 18 23 29-0108	SF	Ethylene Propylene Diene Monomer (EPDM) Color Infill For G9 Synthetic Turf	8.64	
32 18 23 29-0109	SF	Styrene-Butadiene Rubber (SBR) Infill For G9 Synthetic Turf	2.47	
32 18 23 29-0110	SF	Sand Infill For G9 Synthetic Turf	1.24	
32 18 23 29-0111	SF	Acrylic Coated Sand Infill For G9 Synthetic Turf	2.04	
32 18 23 29-0112	EA	Gmax Compaction And Hardness Test For G9 Synthetic Turf	2,356.13	
		Note: Includes a comprehensive report.		
32 18 23 29-0113	EA	Safety Bridge Over Track For G9 Synthetic Turf	23,561.35	
32 18 23 29-0114	SF	Clean And Groom Synthetic Turf	0.77	
		Note: Includes using equipment to pick up metal particles in the field, air vacuum the top 2-5 mm of infill, clean and screen to remove broken strands, dirt, bandage, etc.		
		For >10,000 To 30,000, Deduct	*-0.31*	
		For >30,000 To 60,000, Deduct	*-0.54*	
		For >60,000, Deduct	*-0.59*	
32 18 23 29-0115	SF	Rejuvenate Synthetic Turf And Reinstall Existing Infill	5.28	
		Note: Includes using equipment to extract 10 to 20 mm of infill by delivering high pressure air into the carpet, decompacting the surface and driving out the infill leaving the fiber standing straight up. Includes reinstalling the old infill that was removed.		
32 18 23 29-0116	SF	Rejuvenate Synthetic Turf For Installation Of New Infill	5.87	
		Note: Includes using equipment to extract 10 to 20 mm of infill by delivering high pressure air into the carpet, decompacting the surface and driving out the infill leaving the fiber standing straight up. Includes disposing of the old infill. Excludes new infill.		
32 18 23 29-0117	SF	Drainage Layer For G9 Synthetic Turf	4.81	
		Note: Used for drainage over asphalt or on roof tops.		
32 18 23 29-0118	SF	15 mm, Shock Pad For G9 Synthetic Turf	2.96	
		Note: Used for additional Gmax for a stone base field.		
32 18 23 29-0119	EA	Single Visit Repair Call To Repair Up To 300 LF Of Inlay Lines Or Seams On G9 Synthetic Turf	4,695.60	
		Note: Includes field inspection and report.		
32 18 23 29-0120	LF	Repair Inlay Lines Or Seams On G9 Synthetic Turf	12.91	
		Note: Linear foot price for repairs over the initial repair call maximum of 300 LF.		
32 18 23 29-0121	LF	Nailer Used To Attach G9 Synthetic Turf	5.17	
32 18 23 29-0122	SF	Removal And Recycling Of Existing Field	3.64	
		Note: Includes removal, shipping and recycling of infill, fibers and backing.		

32 18 23 33 Running Track Surfacing *(32 18 23)*

32 18 23 33-0001 Running Track Surfacing *(32 18 23 33)*

32 18 23 33-0002	SY	2-1/2" Asphaltic Concrete Running Track Surfacing	32.47	

32 18 23 33-0003 Running Track Seal And Colored Surfaces *(32 18 23 33)*

32 18 23 33-0004	SY	1 Seal Coat, Striping Of Track	20.14	
		Note: Includes certification.		

32 18 23 39 Synthetic Running Track Surfacing *(32 18 23)*

32 18 23 39-0001 Synthetic Running Track Surfacing And Striping *(32 18 23 39)*

Note: Includes labor, equipment and material required to install the task. Excludes asphalt base.

32 18 23 39-0002	SY	Paved-In-Place Styrene-Butadiene Rubber (SBR) Or Ethylene Propylene Diene Monomer (EPDM) Rubber Granule Base Mat With Polyurethane Binder, Synthetic Running Track Surfacing	85.45	7.79
		For >5,500, Deduct	*-6.50*	
		For Up To 4,000, Add	*20.69*	
32 18 23 39-0003	SY	Paved-In-Place Styrene-Butadiene Rubber (SBR) Granule Base Mat With Polyurethane Binder Finished With A Textured And Pigmented Polyurethane And Ethylene Propylene Diene Monomer (EPDM) Rubber Structural Spray Coat, Synthetic Running Track Surfacing	106.79	7.79
		For >5,500, Deduct	*-8.72*	
		For Up To 4,000, Add	*27.76*	
		For Custom Color Upgrade, Add	*7.53*	
		For Aliphatic Top Coating, Add	*14.28*	
32 18 23 39-0004	SY	Paved-In-Place Ethylene Propylene Diene Monomer (EPDM) Rubber Granule Base Mat With Polyurethane Binder, Two-Component Polyurethane Sealer Layer And Two-Component Polyurethane Wearing Layer With Embedded Ethylene Propylene Diene Monomer (EPDM) Rubber, Synthetic Running Track Surfacing	174.52	7.79
		For >5,500, Deduct	*-8.00*	
		For Up To 4,000, Add	*46.65*	
		For Custom Color Upgrade, Add	*10.26*	
		For Aliphatic Top Coating, Add	*19.06*	
32 18 23 39-0005	SY	Full Pour Two-Component Polyurethane Track System With Embedded Ethylene Propylene Diene Monomer (EPDM) Rubber Surface, Synthetic Running Track Surfacing	226.88	7.79
		For >5,500, Deduct	*-10.33*	
		For Up To 4,000, Add	*60.26*	
		For Custom Color Upgrade, Add	*13.43*	
		For Aliphatic Top Coating, Add	*19.63*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 18 23 39-0006	SY	Latex Binder, Synthetic Running Track Surfacing	75.74	
		For >5,500, Deduct	*-10.98*	
		For Up To 4,000, Add	*26.51*	
32 18 23 39-0007	SY	Spray Retop Running Tracks	66.53	
		For Up To 4,000, Add	*23.29*	
		For >5,500, Deduct	*-6.51*	
32 18 23 39-0008	SY	Sandwich Retop Running Tracks	128.78	
		For Up To 4,000, Add	*45.07*	
		For >5,500, Deduct	*-13.57*	

32 18 23 53 Tennis Court Surfacing *(32 18 23)*

32 18 23 53-0001 Tennis Court Surfacing *(32 18 23 53)*

See CSI section 32 18 23 61-0000 for 100% acrylic tennis court surfacing.

32 18 23 53-0002	SY	Tennis Court Bituminous Pavement, 2-1/2" Thick	28.96	

32 18 23 53-0003 Tennis Court Markings *(32 18 23 53)*

32 18 23 53-0004	EA	Paint Markings On Asphalt Tennis Court 2 Coats	632.60	

32 18 23 56 Natural Tennis Court Surfacing *(32 18 23)*

32 18 23 56-0001	SY	Clay Tennis Court	39.59	
32 18 23 56-0002	SY	Tennis Court, Pulverized Natural Greenstone, Fast Dry Note: Includes 4" base.	43.82	
32 18 23 56-0003	SY	Tennis Court, Rubber-Cork Base Resilient Pavement	21.30	
32 18 23 56-0004	SY	Resurface Clay Tennis Court	12.52	
32 18 23 56-0005	SY	Resurface Tennis Court, Pulverized Natural Greenstone	10.86	
32 18 23 56-0006	SY	Resurface Tennis Court, Resilient Pavement	9.12	

32 18 23 61 Multi-Use, Tennis Court, Basketball Court Athletic Surfacing *(32 18 23)*

32 18 23 61-0001 100% Acrylic Athletic Surfacing System (Plexipave®) *(32 18 23 61)*

Note: Excludes asphalt or concrete sub base and repairs of sub base.

32 18 23 61-0002 Surface Preparation For Athletic Surfacing System (Plexipave®) *(32 18 23 61-0001)*

32 18 23 61-0003	SY	100% Acrylic Resurfacer, Athletic Surfacing System (California Products Plexipave® Acrylic Resurfacer), Per Coat Note: Includes ultra fine silica sand. Applied with rubber squeegee.	1.97	
32 18 23 61-0004	SY	Acid Etching Concrete Pre-Treatment For Plexipave® Athletic Surfacing System (California Products Plexipave® Concrete Preparer®), Per Coat Note: For previously uncoated portland cement concrete. Applied with broom.	1.09	
32 18 23 61-0005	SY	Two-Part, Water Based Epoxy Primer For Plexipave® Athletic Surfacing System (California Products Plexipave® Ti-Coat®), Per Coat Note: For new or uncoated portland cement concrete. Applied with a short nap phenolic roller.	2.83	
32 18 23 61-0006	SY	Up To 1/2" Thick, Acrylic Latex Patching Compound, Athletic Surfacing System (California Products Plexipave® Court Patch Binder), Per Coat Note: For patching depressions and uneven texture in new or existing asphalt or concrete surfaces. Includes ultra fine silica sand and portland cement. Applied with trowel or metal screed.	116.29	

32 18 23 61-0007 Surface Coatings For Athletic Surfacing System (Plexipave®) *(32 18 23 61-0001)*

Note: Standard color includes dark green, Florida green, light green, maroon, Sahara sand, brown, California red, and cape gray.

32 18 23 61-0008	SY	100% Acrylic Emulsion Color Coating, Athletic Surfacing System (California Products Fortified Plexipave®), First Coat Note: Includes ultra fine silica sand. Applied with rubber squeegee.	4.28	
		For Pacific Blue, Add	*0.25*	
		For US Open Blue, Add	*0.87*	
32 18 23 61-0009	SY	100% Acrylic Emulsion Color Coating, Athletic Surfacing System (California Products Fortified Plexipave®), Second Coat Note: Includes ultra fine silica sand. Applied with rubber squeegee.	3.44	
		For Pacific Blue, Add	*0.18*	
		For US Open Blue, Add	*0.62*	
32 18 23 61-0010	SY	100% Acrylic Emulsion Color Coating, Athletic Surfacing System (California Products Fortified Plexipave®), Third Coat Note: Price per coat for third or additional coats. Includes ultra fine silica sand. Applied with rubber squeegee.	2.97	
		For Pacific Blue, Add	*0.14*	
		For US Open Blue, Add	*0.49*	
32 18 23 61-0011	SY	Non-Textured, 100% Acrylic Emulsion Color Coating Finish, Athletic Surfacing System (California Products Plexipave® Plexichrome®), Per Coat Note: Non-textured finish coat over Plexipave® for faster playing surfaces. Applied with rubber squeegee followed by wide hair-type push broom.	3.15	
		For Pacific Blue, Add	*0.08*	
		For US Open Or Australian Open Blue, Add	*0.57*	
		For Pro Purple, Add	*1.47*	

32 18 23 61-0012 Line Striping For Athletic Surfacing System (Plexipave®) *(32 18 23 61-0001)*

32 18 23 61-0013	SY	Tennis Or Basketball Court Line Striping For Athletic Surfacing System, Per SY Of Court (California Products Plexipave® Hi-Hide Plexicolor®) Note: Textured or non-textured highly reflective line marking paint.	1.84	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 18 23 61-0014		Cushion Coatings For Athletic Surfacing System (Plexipave® Plexicushion®) *(32 18 23 61-0001)*		
32 18 23 61-0015	SY	Resilient Latex Undercoating Base Coat, Athletic Surfacing System (California Products Plexipave® Plexicushion® Base Coat), First Coat	7.18	
		Note: Applied with rubber squeegee.		
32 18 23 61-0016	SY	Resilient Latex Undercoating Base Coat, Athletic Surfacing System (California Products Plexipave® Plexicushion® Base Coat), Second Coat	9.91	
		Note: Applied with rubber squeegee.		
32 18 23 61-0017	SY	Resilient Latex Undercoating Base Coat, Athletic Surfacing System (California Products Plexipave® Plexicushion® Base Coat), Third Coat	8.48	
		Note: Price per coat for third or additional coats. Applied with rubber squeegee.		
32 18 23 61-0018	SY	Resilient Latex Undercoating, Athletic Surfacing System (California Products Plexipave® Plexicushion®), First Coat	6.28	
		Note: Applied with rubber squeegee.		
32 18 23 61-0019	SY	Resilient Latex Undercoating, Athletic Surfacing System (California Products Plexipave® Plexicushion®), Second Coat	4.72	
		Note: Price per coat for second or additional coats. Applied with rubber squeegee.		
32 18 23 61-0020		Resurface Athletic Court *(32 18 23 61)*		
		Note: Excludes asphalt or concrete sub base and repairs of sub base.		
32 18 23 61-0021	SY	Court Resurfacing System, 2 Coats Resurfacer, 2 Coats Color, And Sand (SealMaster)	2.94	

32 30 Site Improvements *(32)*

32 31 Fences and Gates *(32 30)*

32 31 11 Gate Operators *(32 31)*

32 31 11 00-0001		Gate Operators *(32 31 11)*		
		Note: Excludes gates, electrical connections, access controls and concrete foundation.		
32 31 11 00-0002		Gate Operators (DKS™ DoorKing®) *(32 31 11 00-0001)*		
32 31 11 00-0003		Swing Gate Actuator (DKS™ DoorKing®) *(32 31 11 00-0002)*		
32 31 11 00-0004		Single Gate, Swing Gate Actuator *(32 31 11 00-0003)*		
32 31 11 00-0005	EA	Up To 10' Wide Gate, 1/2 HP Motor, 115 Volt AC, Single Gate, Swing Gate Actuator (DKS™ DoorKing® 6003)	2,074.29	264.41
		Note: Includes one primary operator with a 10' wide gate capacity.		
32 31 11 00-0006	EA	Up To 14' Wide Gate, 1/2 HP Motor, 115 Volt AC, Single Gate, Swing Gate Actuator (DKS™ DoorKing® 6002)	2,744.00	264.41
		Note: Includes one primary operator with a 14' wide gate capacity.		
32 31 11 00-0007		Dual Gate, Swing Gate Actuator *(32 31 11 00-0003)*		
32 31 11 00-0008	EA	Up To 10' Wide Gates, 1/2 HP Motor, 115 Volt AC, Dual Gate, Swing Gate Actuator (DKS™ DoorKing® 6003)	4,148.60	528.81
		Note: Includes one primary and one secondary operator each with a 10' wide gate capacity.		
32 31 11 00-0009	EA	Up To 14' Wide Gates, 1/2 HP Motor, 115 Volt AC, Dual Gate, Swing Gate Actuator (DKS™ DoorKing® 6002)	5,488.02	528.81
		Note: Includes one primary and one secondary operator each with a 14' wide gate capacity.		
32 31 11 00-0010		Swing Gate Operators (DKS™ DoorKing®) *(32 31 11 00-0002)*		
32 31 11 00-0011		Single Gate, Swing Gate Operators *(32 31 11 00-0010)*		
32 31 11 00-0012	EA	400 LB Capacity, Up To 10' Wide Gate, 1/2 HP Motor, 115 Volt AC, Single Gate, Swing Gate Operator (DKS™ DoorKing® 6050)	4,169.27	264.41
		Note: Includes one primary operator with a 10' wide and 400 LB gate capacity.		
32 31 11 00-0013	EA	500 LB Capacity, Up To 14' Wide Gate, 1/2 HP Motor, 115 Volt AC, Single Gate, Swing Gate Operator (DKS™ DoorKing® 6100)	4,529.89	264.41
		Note: Includes one primary operator with a 14' wide and 500 LB gate capacity.		
32 31 11 00-0014	EA	700 LB Capacity, Up To 18' Wide Gate, 1/2 HP Motor, 115 Volt AC, Single Gate, Swing Gate Operator (DKS™ DoorKing® 6500)	6,126.88	264.41
		Note: Includes one primary operator with an 18' wide and 700 LB gate capacity.		
		For 208/230/460 Volt AC, Add	*322.50*	
32 31 11 00-0015	EA	800 LB Capacity, Up To 22' Wide Gate, 1 HP Motor, 115 Volt AC, Single Gate, Swing Gate Operator (DKS™ DoorKing® 6500)	6,933.97	264.41
		Note: Includes one primary operator with a 22' wide and 800 LB gate capacity.		
		For 208/230/460 Volt AC, Add	*322.50*	
32 31 11 00-0016		Dual Gate, Swing Gate Operators *(32 31 11 00-0010)*		
32 31 11 00-0017	EA	400 LB Capacity, Up To 10' Wide Gates, 1/2 HP Motor, 115 Volt AC, Dual Gate, Swing Gate Operator (DKS™ DoorKing® 6050)	7,394.11	528.81
		Note: Includes one primary and one secondary operator each with a 10' wide and 400 LB gate capacity.		
32 31 11 00-0018	EA	500 LB Capacity, Up To 14' Wide Gates, 1/2 HP Motor, 115 Volt AC, Dual Gate, Swing Gate Operator (DKS™ DoorKing® 6100)	8,115.33	528.81
		Note: Includes one primary and one secondary operator each with a 14' wide and 500 LB gate capacity.		
32 31 11 00-0019	EA	700 LB Capacity, Up To 14' Wide Gates, 1/2 HP Motor, 115 Volt AC, Dual Gate, Swing Gate Operator (DKS™ DoorKing® 6500)	11,292.15	528.81
		Note: Includes one primary and one secondary operator each with an 18' wide and 700 LB gate capacity.		
		For 208/230/460 Volt AC, Add	*322.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 11 00-0020	EA	800 LB Capacity, Up To 22' Wide Gates, 1 HP Motor, 115 Volt AC, Dual Gate, Swing Gate Operator (DKS™ DoorKing® 6500)	13,060.87	528.81
		Note: Includes one primary and one secondary operator each with a 22' wide and 800 LB gate capacity.		
		For 208/230/460 Volt AC, Add	*322.50*	

32 31 11 00-0021 Sliding Gate Operators (DKS™ DoorKing®) *(32 31 11 00-0002)*

Note: Includes 20' of chain. See CSI section 32 31 11 00-0030 for additional chain over 20'.

32 31 11 00-0022	EA	300 LB Capacity, Up To 16' Wide Gate, 1/2 HP Motor, 115 Volt AC, Sliding Gate Operator (DKS™ DoorKing® 9050)	1,987.82	264.41
		Note: Includes operator, chain brackets, hardware and 20' of #41 chain.		
32 31 11 00-0023	EA	1,000 LB Capacity, Up To 30' Wide Gate, 1/2 HP Motor, 115 Volt AC, Sliding Gate Operator (DKS™ DoorKing® 9100)	2,756.78	317.29
		Note: Includes operator, chain brackets, hardware and 20' of #41 chain.		
32 31 11 00-0024	EA	1,500 LB Capacity, Up To 45' Wide Gate, 1 HP Motor, 115 Volt AC, Sliding Gate Operator (DKS™ DoorKing® 9150)	3,375.76	317.29
		Note: Includes operator, chain brackets, hardware and 20' of #40 chain.		
32 31 11 00-0025	EA	3,000 LB Capacity, Up To 100' Wide Gate, 1 HP Motor, 115 Volt AC, Sliding Gate Operator (DKS™ DoorKing® 9210)	4,387.87	370.17
		Note: Includes operator, chain brackets, hardware and 20' of #50 chain.		
32 31 11 00-0026	EA	2,000 LB Capacity, Up To 100' Wide Gate, 1 HP Motor, 208/230 Volt AC, Variable Speed, Sliding Gate Operator (DKS™ DoorKing® 9220)	5,342.86	370.17
		Note: Includes operator, chain brackets, hardware and 20' of #50 chain.		
32 31 11 00-0027	EA	5,000 LB Capacity, Up To 100' Wide Gate, 3 HP Motor, 208/230 Volt AC, Variable Speed, Sliding Gate Operator (DKS™ DoorKing® 9230)	7,252.50	423.06
		Note: Includes operator, chain brackets, hardware and 20' of #60 chain.		
32 31 11 00-0028	EA	5,000 LB Capacity, Up To 100' Wide Gate, 3 HP Motor, 208/230 Volt AC, High Speed, Sliding Gate Operator (DKS™ DoorKing® 9530)	11,987.66	423.06
		Note: Includes operator, chain brackets, hardware and 20' of #60 chain.		
32 31 11 00-0029	EA	10,000 LB Capacity, Up To 160' Wide Gate, 5 HP Motor, 208/230 Volt AC, High Speed, Sliding Gate Operator (DKS™ DoorKing® 9550)	20,210.83	475.94
		Note: Includes operator, chain brackets, hardware and 20' of #60 chain.		

32 31 11 00-0030 Accessories For Gate Actuators And Operators (DKS™ DoorKing®) *(32 31 11 00-0002)*

32 31 11 00-0031	EA	Single Channel Detector Loop For Gate Actuators And Operators (DKS™ DoorKing® 9410)	712.75
32 31 11 00-0032	EA	Two Channel Detector Loop For Gate Actuators And Operators (DKS™ DoorKing® 9409)	1,389.44
32 31 11 00-0033	EA	Heater Kit For Gate Actuators And Operators (DKS™ DoorKing® 1601)	898.41
32 31 11 00-0034	EA	Photoelectric Eye For Gate Actuators And Operators (DKS™ DoorKing® 8080-031)	987.00
32 31 11 00-0035	EA	Reversing Edge Sensor For Gate Actuators And Operators (DKS™ DoorKing® 8080-020)	883.97
32 31 11 00-0036	EA	Post Mount Base Plate For Gate Actuators And Operators (DKS™ DoorKing® 9310)	634.97
32 31 11 00-0037	LF	#40 Chain For Sliding Gate Operators	6.12
32 31 11 00-0038	LF	#41 Chain For Sliding Gate Operators	6.38
32 31 11 00-0039	LF	#50 Chain For Sliding Gate Operators	8.10
32 31 11 00-0040	LF	#60 Chain For Sliding Gate Operators	12.35
32 31 11 00-0041	EA	Exterior Keypad Gate Operator (Linear AK-11)	713.85

32 31 11 00-0042 Sliding Gate Operator (LiftMaster) *(32 31 11 00-0001)*

32 31 11 00-0043	EA	Up To 1,500 LB Capacity, 120/230 Volt, Single Phase, Sliding Gate Operator With 24 Volt DC Motor (Liftmaster® CSL24U)	2,954.27	322.73
		Note: Includes 30' Chain, Retro-Reflective Photoelectric Sensor and Reflector Hoods (LMRRUL) and 5' Resistive Safety Edge (S505AL).		
		For Monitored Wireless Edge Receiver And Transmitter Option (Liftmaster LMWEKITU), Add	*191.03*	
		For Plug-In Loop Detector Option (Liftmaster LOOPDETLM), Add	*136.74*	
		For LED Strobe Light With Siren (Liftmaster SL-1301-SAQ), Add	*67.34*	
		For 10 Watt Solar Panel (Liftmaster SP10W12V), Add	*270.67*	
		For Each Additional 10' Chain, Add	*40.54*	

32 31 13 Chain Link Fences and Gates *(32 31)*

32 31 13 13 Chain Link Fences and Gates *(32 31 13)*

32 31 13 13-0001 Post Holes *(32 31 13 13)*

Note: Excludes spreading of excess material on site or loading and removal of excavated material from site. See CSI section 02 41 19 13-0075 for core drilling in concrete, 02 41 19 13-0213 for core drilling in asphalt.

32 31 13 13-0002 Auger By Machine Fence Post Hole In Soil *(32 31 13 13-0001)*

32 31 13 13-0003	VLF	Up To 2-1/2" Diameter Hole, Auger By Machine Fence Post Hole In Soil	11.09
32 31 13 13-0004	VLF	2-1/2" Diameter Hole, Auger By Machine Fence Post Hole In Soil	12.47
32 31 13 13-0005	VLF	3" Diameter Hole, Auger By Machine Fence Post Hole In Soil	14.79
32 31 13 13-0006	VLF	4" Diameter Hole, Auger By Machine Fence Post Hole In Soil	16.64
32 31 13 13-0007	VLF	6" Diameter Hole, Auger By Machine Fence Post Hole In Soil	18.15
32 31 13 13-0008	VLF	8" Diameter Hole, Auger By Machine Fence Post Hole In Soil	19.97
32 31 13 13-0009	VLF	10" Diameter Hole, Auger By Machine Fence Post Hole In Soil	22.19
32 31 13 13-0010	VLF	12" Diameter Hole, Auger By Machine Fence Post Hole In Soil	24.96
32 31 13 13-0011	VLF	18" Diameter Hole, Auger By Machine Fence Post Hole In Soil	28.52
32 31 13 13-0012	VLF	24" Diameter Hole, Auger By Machine Fence Post Hole In Soil	33.28
32 31 13 13-0013	VLF	30" Diameter Hole, Auger By Machine Fence Post Hole In Soil	39.93
32 31 13 13-0014	VLF	36" Diameter Hole, Auger By Machine Fence Post Hole In Soil	49.92

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0015		**Post Hole In Rock** *(32 31 13 13-0001)*		
32 31 13 13-0016	CF	Jackhammer Post Hole In Rock	84.96	
32 31 13 13-0017	CF	Rock Drill Post Hole In Rock	22.33	
32 31 13 13-0018		**Fill For Post Holes** *(32 31 13 13-0001)*		
		See CSI section 03 21 00 00-0000 for reinforcing steel.		
32 31 13 13-0019		**Concrete Fill For Post Holes** *(32 31 13 13-0018)*		
32 31 13 13-0020	VLF	Up To 2-1/2" Diameter, Concrete Fill For Post Hole	6.94	
32 31 13 13-0021	VLF	2-1/2" Diameter, Concrete Fill For Post Hole	8.93	
32 31 13 13-0022	VLF	3" Diameter, Concrete Fill For Post Hole	9.82	
32 31 13 13-0023	VLF	4" Diameter, Concrete Fill For Post Hole	11.27	
32 31 13 13-0024	VLF	6" Diameter, Concrete Fill For Post Hole	15.89	
32 31 13 13-0025	VLF	8" Diameter, Concrete Fill For Post Hole	21.20	
32 31 13 13-0026	VLF	10" Diameter, Concrete Fill For Post Hole	25.93	
32 31 13 13-0027	VLF	12" Diameter, Concrete Fill For Post Hole	30.23	
32 31 13 13-0028	VLF	18" Diameter, Concrete Fill For Post Hole	41.14	
32 31 13 13-0029	VLF	24" Diameter, Concrete Fill For Post Hole	50.99	
32 31 13 13-0030	VLF	30" Diameter, Concrete Fill For Post Hole	60.60	
32 31 13 13-0031	VLF	36" Diameter, Concrete Fill For Post Hole	70.57	
32 31 13 13-0032		**Grout Fill For Post Holes** *(32 31 13 13-0018)*		
32 31 13 13-0033	VLF	Up To 2-1/2" Diameter, Grout Fill For Post Hole	8.25	
32 31 13 13-0034	VLF	2-1/2" Diameter, Grout Fill For Post Hole	10.62	
32 31 13 13-0035	VLF	3" Diameter, Grout Fill For Post Hole	11.56	
32 31 13 13-0036	VLF	4" Diameter, Grout Fill For Post Hole	12.98	
32 31 13 13-0037	VLF	6" Diameter, Grout Fill For Post Hole	18.12	
32 31 13 13-0038	VLF	8" Diameter, Grout Fill For Post Hole	24.19	
32 31 13 13-0039	VLF	10" Diameter, Grout Fill For Post Hole	29.47	
32 31 13 13-0040	VLF	12" Diameter, Grout Fill For Post Hole	34.19	
32 31 13 13-0041	VLF	18" Diameter, Grout Fill For Post Hole	45.67	
32 31 13 13-0042	VLF	24" Diameter, Grout Fill For Post Hole	55.75	
32 31 13 13-0043	VLF	30" Diameter, Grout Fill For Post Hole	65.51	
32 31 13 13-0044	VLF	36" Diameter, Grout Fill For Post Hole	75.50	
32 31 13 13-0045		**Compacted Earth Fill For Post Holes** *(32 31 13 13-0018)*		
32 31 13 13-0046	VLF	Up To 2-1/2" Diameter, Compacted Earth Fill For Post Hole	5.88	
32 31 13 13-0047	VLF	2-1/2" Diameter, Compacted Earth Fill For Post Hole	7.66	
32 31 13 13-0048	VLF	3" Diameter, Compacted Earth Fill For Post Hole	8.01	
32 31 13 13-0049	VLF	4" Diameter, Compacted Earth Fill For Post Hole	8.24	
32 31 13 13-0050	VLF	6" Diameter, Compacted Earth Fill For Post Hole	11.01	
32 31 13 13-0051	VLF	8" Diameter, Compacted Earth Fill For Post Hole	14.69	
32 31 13 13-0052	VLF	10" Diameter, Compacted Earth Fill For Post Hole	17.62	
32 31 13 13-0053	VLF	12" Diameter, Compacted Earth Fill For Post Hole	19.98	
32 31 13 13-0054	VLF	18" Diameter, Compacted Earth Fill For Post Hole	24.35	
32 31 13 13-0055	VLF	24" Diameter, Compacted Earth Fill For Post Hole	27.32	
32 31 13 13-0056	VLF	30" Diameter, Compacted Earth Fill For Post Hole	29.97	
32 31 13 13-0057	VLF	36" Diameter, Compacted Earth Fill For Post Hole	32.32	
32 31 13 13-0058		**Fence Posts** *(32 31 13 13)*		
		Note: Demolition excludes concrete footing removal on posts and excavation. See CSI section 32 31 13 13-0001 for drilling for augering holes and backfill.		
32 31 13 13-0059		**Fence Posts** *(32 31 13 13-0058)*		
32 31 13 13-0060		**1-7/8" H-Beam Post Without Top Rail Fitting, Galvanized Steel** *(32 31 13 13-0059)*		
		Note: Includes cap and accessories.		
32 31 13 13-0061	LF	1-7/8" Galvanized H-beam Post, Up To 6' In Length	21.06	3.37
		For Each Top Rail Fitting, Add	*0.85*	
32 31 13 13-0062	LF	1-7/8" Galvanized H-beam Post, 7' To 10' In Length	20.10	2.87
		For Each Top Rail Fitting, Add	*0.85*	
32 31 13 13-0063	LF	1-7/8" Galvanized H-beam Post, 11' To 15' In Length	18.93	2.37
		For Each Top Rail Fitting, Add	*0.85*	
32 31 13 13-0064	LF	1-7/8" Galvanized H-beam Post, 16' To 20' In Length	17.99	1.88
		For Each Top Rail Fitting, Add	*0.85*	
32 31 13 13-0065	LF	1-7/8" Galvanized H-beam Post, 21' To 24' In Length	17.37	1.63
		For Each Top Rail Fitting, Add	*0.85*	
32 31 13 13-0066	LF	1-7/8" Galvanized H-beam Post, >24' In Length	16.39	1.12
		For Each Top Rail Fitting, Add	*0.85*	
32 31 13 13-0067		**Post Without Top Rail Fitting, Galvanized Steel (1.66" Nominal)** *(32 31 13 13-0059)*		
		Note: 1-5/8" outside diameter, Schedule 40. Includes cap and accessories.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0068	LF	Up To 6' In Length, 1-5/8" Outside Diameter Galvanized Steel Post	14.51	3.12
		For Each Top Rail Fitting, Add	*0.85*	
		For Each Single Barbed Wire Arm, Add	*1.90*	
		For Each Double Barbed Wire Arm, Add	*3.40*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*2.07*	
		For Vinyl Coated, Add	*4.96*	
		For Powder Coated, Add	*6.62*	
		For Aluminum Coated, Add	*10.34*	
		For Schedule 20, Deduct	*-1.65*	
		For Schedule 80, Add	*4.59*	
32 31 13 13-0069	LF	7' To 10' In Length, 1-5/8" Outside Diameter Galvanized Steel Post	13.42	2.62
		For Each Top Rail Fitting, Add	*0.85*	
		For Each Single Barbed Wire Arm, Add	*1.90*	
		For Each Double Barbed Wire Arm, Add	*3.40*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*2.04*	
		For Vinyl Coated, Add	*4.89*	
		For Powder Coated, Add	*6.52*	
		For Aluminum Coated, Add	*10.19*	
		For Schedule 20, Deduct	*-1.63*	
		For Schedule 80, Add	*4.44*	
32 31 13 13-0070	LF	11' To 15' In Length, 1-5/8" Outside Diameter Galvanized Steel Post	12.29	2.12
		For Each Top Rail Fitting, Add	*0.85*	
		For Each Single Barbed Wire Arm, Add	*1.90*	
		For Each Double Barbed Wire Arm, Add	*3.40*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*2.02*	
		For Vinyl Coated, Add	*4.85*	
		For Powder Coated, Add	*6.47*	
		For Aluminum Coated, Add	*10.11*	
		For Schedule 20, Deduct	*-1.62*	
		For Schedule 80, Add	*4.30*	
32 31 13 13-0071	LF	16' To 20' In Length, 1-5/8" Outside Diameter Galvanized Steel Post	11.43	1.63
		For Each Top Rail Fitting, Add	*0.85*	
		For Each Single Barbed Wire Arm, Add	*1.90*	
		For Each Double Barbed Wire Arm, Add	*3.40*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*2.02*	
		For Vinyl Coated, Add	*4.84*	
		For Powder Coated, Add	*6.45*	
		For Aluminum Coated, Add	*10.08*	
		For Schedule 20, Deduct	*-1.61*	
		For Schedule 80, Add	*4.21*	
32 31 13 13-0072	LF	21' To 24' In Length, 1-5/8" Outside Diameter Galvanized Steel Post	10.87	1.38
		For Each Top Rail Fitting, Add	*0.85*	
		For Each Single Barbed Wire Arm, Add	*1.90*	
		For Each Double Barbed Wire Arm, Add	*3.40*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*2.01*	
		For Vinyl Coated, Add	*4.83*	
		For Powder Coated, Add	*6.44*	
		For Aluminum Coated, Add	*10.06*	
		For Schedule 20, Deduct	*-1.61*	
		For Schedule 80, Add	*4.15*	
32 31 13 13-0073	LF	>24' In Length, 1-5/8" Outside Diameter Galvanized Steel Post	10.25	1.12
		For Each Top Rail Fitting, Add	*0.85*	
		For Each Single Barbed Wire Arm, Add	*1.90*	
		For Each Double Barbed Wire Arm, Add	*3.40*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*2.01*	
		For Vinyl Coated, Add	*4.83*	
		For Powder Coated, Add	*6.44*	
		For Aluminum Coated, Add	*10.06*	
		For Schedule 20, Deduct	*-1.61*	
		For Schedule 80, Add	*4.08*	

32 31 13 13-0074 Post Without Top Rail Fitting, Galvanized Steel (1.90" Nominal) *(32 31 13 13-0059)*

Note: 2" outside diameter, Schedule 40. Includes cap and accessories.

32 31 13 13-0075	LF	2" Outside Diameter Galvanized Steel Post, Up To 6' In Length	16.56	3.24
		For Each Top Rail Fitting, Add	*1.35*	
		For Each Single Barbed Wire Arm, Add	*2.65*	
		For Each Double Barbed Wire Arm, Add	*4.88*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*2.53*	
		For Vinyl Coated, Add	*6.07*	
		For Powder Coated, Add	*8.09*	
		For Aluminum Coated, Add	*12.64*	
		For Schedule 20, Deduct	*-2.02*	
		For Schedule 80, Add	*5.50*	
32 31 13 13-0076	LF	2" Outside Diameter Galvanized Steel Post, 7' To 10' In Length	15.56	2.75
		For Each Top Rail Fitting, Add	*1.35*	
		For Each Single Barbed Wire Arm, Add	*2.65*	
		For Each Double Barbed Wire Arm, Add	*4.88*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*2.49*	
		For Vinyl Coated, Add	*5.98*	
		For Powder Coated, Add	*7.98*	
		For Aluminum Coated, Add	*12.46*	
		For Schedule 20, Deduct	*-1.99*	
		For Schedule 80, Add	*5.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0077	LF	2" Outside Diameter Galvanized Steel Post, 11' To 15' In Length	14.34	2.25
		For Each Top Rail Fitting, Add	*1.35*	
		For Each Single Barbed Wire Arm, Add	*2.65*	
		For Each Double Barbed Wire Arm, Add	*4.88*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*2.47*	
		For Vinyl Coated, Add	*5.93*	
		For Powder Coated, Add	*7.91*	
		For Aluminum Coated, Add	*12.36*	
		For Schedule 20, Deduct	*-1.98*	
		For Schedule 80, Add	*5.19*	
32 31 13 13-0078	LF	2" Outside Diameter Galvanized Steel Post, 16' To 20' In Length	13.42	1.75
		For Each Top Rail Fitting, Add	*1.35*	
		For Each Single Barbed Wire Arm, Add	*2.65*	
		For Each Double Barbed Wire Arm, Add	*4.88*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*2.46*	
		For Vinyl Coated, Add	*5.91*	
		For Powder Coated, Add	*7.88*	
		For Aluminum Coated, Add	*12.31*	
		For Schedule 20, Deduct	*-1.97*	
		For Schedule 80, Add	*5.09*	
32 31 13 13-0079	LF	2" Outside Diameter Galvanized Steel Post, 21' To 24' In Length	12.81	1.50
		For Each Top Rail Fitting, Add	*1.35*	
		For Each Single Barbed Wire Arm, Add	*2.65*	
		For Each Double Barbed Wire Arm, Add	*4.88*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*2.46*	
		For Vinyl Coated, Add	*5.90*	
		For Powder Coated, Add	*7.87*	
		For Aluminum Coated, Add	*12.30*	
		For Schedule 20, Deduct	*-1.97*	
		For Schedule 80, Add	*5.02*	
32 31 13 13-0080	LF	2" Outside Diameter Galvanized Steel Post, >24' In Length	12.24	1.24
		For Each Top Rail Fitting, Add	*1.35*	
		For Each Single Barbed Wire Arm, Add	*2.65*	
		For Each Double Barbed Wire Arm, Add	*4.88*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*2.46*	
		For Vinyl Coated, Add	*5.90*	
		For Powder Coated, Add	*7.86*	
		For Aluminum Coated, Add	*12.29*	
		For Schedule 20, Deduct	*-1.97*	
		For Schedule 80, Add	*4.96*	

32 31 13 13-0081 Post Without Top Rail Fitting, Galvanized Steel (2.375" Nominal) *(32 31 13 13-0059)*

Note: 2-1/2" outside diameter, Schedule 40. Includes cap and accessories.

32 31 13 13-0082	LF	2-1/2" Outside Diameter Galvanized Steel Post, Up To 6' In Length	20.18	3.49
		For Each Top Rail Fitting, Add	*1.35*	
		For Each Single Barbed Wire Arm, Add	*2.65*	
		For Each Double Barbed Wire Arm, Add	*4.88*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*3.34*	
		For Vinyl Coated, Add	*8.02*	
		For Powder Coated, Add	*10.70*	
		For Aluminum Coated, Add	*16.71*	
		For Schedule 20, Deduct	*-2.67*	
		For Schedule 80, Add	*7.10*	
32 31 13 13-0083	LF	2-1/2" Outside Diameter Galvanized Steel Post, 7' To 10' In Length	19.05	2.99
		For Each Top Rail Fitting, Add	*1.35*	
		For Each Single Barbed Wire Arm, Add	*2.65*	
		For Each Double Barbed Wire Arm, Add	*4.88*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*3.30*	
		For Vinyl Coated, Add	*7.92*	
		For Powder Coated, Add	*10.56*	
		For Aluminum Coated, Add	*16.50*	
		For Schedule 20, Deduct	*-2.64*	
		For Schedule 80, Add	*6.92*	
32 31 13 13-0084	LF	2-1/2" Outside Diameter Galvanized Steel Post, 11' To 15' In Length	17.79	2.37
		For Each Top Rail Fitting, Add	*1.35*	
		For Each Single Barbed Wire Arm, Add	*2.65*	
		For Each Double Barbed Wire Arm, Add	*4.88*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*3.28*	
		For Vinyl Coated, Add	*7.87*	
		For Powder Coated, Add	*10.49*	
		For Aluminum Coated, Add	*16.39*	
		For Schedule 20, Deduct	*-2.62*	
		For Schedule 80, Add	*6.76*	
32 31 13 13-0085	LF	2-1/2" Outside Diameter Galvanized Steel Post, 16' To 20' In Length	16.81	1.88
		For Each Top Rail Fitting, Add	*1.35*	
		For Each Single Barbed Wire Arm, Add	*2.65*	
		For Each Double Barbed Wire Arm, Add	*4.88*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*3.27*	
		For Vinyl Coated, Add	*7.84*	
		For Powder Coated, Add	*10.46*	
		For Aluminum Coated, Add	*16.34*	
		For Schedule 20, Deduct	*-2.61*	
		For Schedule 80, Add	*6.65*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0086	LF	2-1/2" Outside Diameter Galvanized Steel Post, 21 To 24' In Length	16.17	1.63
		For Each Top Rail Fitting, Add	*1.35*	
		For Each Single Barbed Wire Arm, Add	*2.65*	
		For Each Double Barbed Wire Arm, Add	*4.88*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*3.26*	
		For Vinyl Coated, Add	*7.83*	
		For Powder Coated, Add	*10.44*	
		For Aluminum Coated, Add	*16.31*	
		For Schedule 20, Deduct	*-2.61*	
		For Schedule 80, Add	*6.58*	
32 31 13 13-0087	LF	2-1/2" Outside Diameter Galvanized Steel Post, >24' In Length	15.58	1.24
		For Each Top Rail Fitting, Add	*1.35*	
		For Each Single Barbed Wire Arm, Add	*2.65*	
		For Each Double Barbed Wire Arm, Add	*4.88*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*3.26*	
		For Vinyl Coated, Add	*7.83*	
		For Powder Coated, Add	*10.44*	
		For Aluminum Coated, Add	*16.31*	
		For Schedule 20, Deduct	*-2.61*	
		For Schedule 80, Add	*6.52*	

32 31 13 13-0088 Post Without Top Rail Fitting, Galvanized Steel (2.875" Nominal) *(32 31 13 13-0059)*

Note: 3" outside diameter, Schedule 40. Includes cap and accessories.

32 31 13 13-0089	LF	3" Outside Diameter Galvanized Steel Post, Up To 6' In Length	27.72	3.74
		For Each Top Rail Fitting, Add	*1.85*	
		For Each Single Barbed Wire Arm, Add	*3.85*	
		For Each Double Barbed Wire Arm, Add	*7.05*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*5.06*	
		For Vinyl Coated, Add	*12.14*	
		For Powder Coated, Add	*16.18*	
		For Aluminum Coated, Add	*25.29*	
		For Schedule 20, Deduct	*-4.05*	
		For Schedule 80, Add	*10.46*	
32 31 13 13-0090	LF	3" Outside Diameter Galvanized Steel Post, 7' To 10' In Length	26.33	3.24
		For Each Top Rail Fitting, Add	*1.85*	
		For Each Single Barbed Wire Arm, Add	*3.85*	
		For Each Double Barbed Wire Arm, Add	*7.05*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*4.97*	
		For Vinyl Coated, Add	*11.93*	
		For Powder Coated, Add	*15.90*	
		For Aluminum Coated, Add	*24.85*	
		For Schedule 20, Deduct	*-3.98*	
		For Schedule 80, Add	*10.19*	
32 31 13 13-0091	LF	3" Outside Diameter Galvanized Steel Post, 11' To 15' In Length	24.90	2.62
		For Each Top Rail Fitting, Add	*1.85*	
		For Each Single Barbed Wire Arm, Add	*3.85*	
		For Each Double Barbed Wire Arm, Add	*7.05*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*4.93*	
		For Vinyl Coated, Add	*11.82*	
		For Powder Coated, Add	*15.76*	
		For Aluminum Coated, Add	*24.63*	
		For Schedule 20, Deduct	*-3.94*	
		For Schedule 80, Add	*9.98*	
32 31 13 13-0092	LF	3" Outside Diameter Galvanized Steel Post, 16' To 20' In Length	23.78	2.12
		For Each Top Rail Fitting, Add	*1.85*	
		For Each Single Barbed Wire Arm, Add	*3.85*	
		For Each Double Barbed Wire Arm, Add	*7.05*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*4.91*	
		For Vinyl Coated, Add	*11.77*	
		For Powder Coated, Add	*15.70*	
		For Aluminum Coated, Add	*24.53*	
		For Schedule 20, Deduct	*-3.92*	
		For Schedule 80, Add	*9.83*	
32 31 13 13-0093	LF	3" Outside Diameter Galvanized Steel Post, 21' To 24' In Length	23.04	1.75
		For Each Top Rail Fitting, Add	*1.85*	
		For Each Single Barbed Wire Arm, Add	*3.85*	
		For Each Double Barbed Wire Arm, Add	*7.05*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*4.89*	
		For Vinyl Coated, Add	*11.74*	
		For Powder Coated, Add	*15.66*	
		For Aluminum Coated, Add	*24.46*	
		For Schedule 20, Deduct	*-3.91*	
		For Schedule 80, Add	*9.74*	
32 31 13 13-0094	LF	3" Outside Diameter Galvanized Steel Post, >24' In Length	22.38	1.38
		For Each Top Rail Fitting, Add	*1.85*	
		For Each Single Barbed Wire Arm, Add	*3.85*	
		For Each Double Barbed Wire Arm, Add	*7.05*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*4.89*	
		For Vinyl Coated, Add	*11.74*	
		For Powder Coated, Add	*15.65*	
		For Aluminum Coated, Add	*24.45*	
		For Schedule 20, Deduct	*-3.91*	
		For Schedule 80, Add	*9.67*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0095		Post Without Top Rail Fitting, Galvanized Steel, (4.00" Nominal) *(32 31 13 13-0059)*		
		Note: 4" outside diameter, Schedule 40. Includes cap and accessories.		
32 31 13 13-0096	LF	4" Outside Diameter Galvanized Steel Post, Up To 6' In Length	40.91	4.00
		For Each Top Rail Fitting, Add	*2.60*	
		For Each Single Barbed Wire Arm, Add	*5.10*	
		For Each Double Barbed Wire Arm, Add	*11.25*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*8.26*	
		For Vinyl Coated, Add	*19.82*	
		For Powder Coated, Add	*26.42*	
		For Aluminum Coated, Add	*41.29*	
		For Schedule 20, Deduct	*-6.61*	
		For Schedule 80, Add	*16.64*	
32 31 13 13-0097	LF	4" Outside Diameter Galvanized Steel Post, 7' To 10' In Length	38.97	3.24
		For Each Top Rail Fitting, Add	*2.60*	
		For Each Single Barbed Wire Arm, Add	*5.10*	
		For Each Double Barbed Wire Arm, Add	*11.25*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*8.10*	
		For Vinyl Coated, Add	*19.44*	
		For Powder Coated, Add	*25.92*	
		For Aluminum Coated, Add	*40.50*	
		For Schedule 20, Deduct	*-6.48*	
		For Schedule 80, Add	*16.21*	
32 31 13 13-0098	LF	4" Outside Diameter Galvanized Steel Post, 11' To 15' In Length	37.56	2.75
		For Each Top Rail Fitting, Add	*2.60*	
		For Each Single Barbed Wire Arm, Add	*5.10*	
		For Each Double Barbed Wire Arm, Add	*11.25*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*8.02*	
		For Vinyl Coated, Add	*19.25*	
		For Powder Coated, Add	*25.66*	
		For Aluminum Coated, Add	*40.10*	
		For Schedule 20, Deduct	*-6.42*	
		For Schedule 80, Add	*15.95*	
32 31 13 13-0099	LF	4" Outside Diameter Galvanized Steel Post, 16' To 20' In Length	36.31	2.25
		For Each Top Rail Fitting, Add	*2.60*	
		For Each Single Barbed Wire Arm, Add	*5.10*	
		For Each Double Barbed Wire Arm, Add	*11.25*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*7.98*	
		For Vinyl Coated, Add	*19.15*	
		For Powder Coated, Add	*25.54*	
		For Aluminum Coated, Add	*39.90*	
		For Schedule 20, Deduct	*-6.38*	
		For Schedule 80, Add	*15.76*	
32 31 13 13-0100	LF	4" Outside Diameter Galvanized Steel Post, 21' To 24' In Length	36.23	2.25
		For Each Top Rail Fitting, Add	*2.60*	
		For Each Single Barbed Wire Arm, Add	*5.10*	
		For Each Double Barbed Wire Arm, Add	*11.25*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*7.96*	
		For Vinyl Coated, Add	*19.11*	
		For Powder Coated, Add	*25.48*	
		For Aluminum Coated, Add	*39.81*	
		For Schedule 20, Deduct	*-6.37*	
		For Schedule 80, Add	*15.73*	
32 31 13 13-0101	LF	4" Outside Diameter Galvanized Steel Post, >24' In Length	34.95	1.63
		For Each Top Rail Fitting, Add	*2.60*	
		For Each Single Barbed Wire Arm, Add	*5.10*	
		For Each Double Barbed Wire Arm, Add	*11.25*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*7.96*	
		For Vinyl Coated, Add	*19.10*	
		For Powder Coated, Add	*25.46*	
		For Aluminum Coated, Add	*39.79*	
		For Schedule 20, Deduct	*-6.37*	
		For Schedule 80, Add	*15.59*	
32 31 13 13-0102		Post Without Top Rail Fitting, Galvanized Steel (6.625" Nominal) *(32 31 13 13-0059)*		
		Note: 6-5/8" outside diameter, Schedule 40. Includes cap and accessories.		
32 31 13 13-0103	LF	6-5/8" Outside Diameter Galvanized Steel Post, Up To 6' In Length	81.42	4.37
		For Each Top Rail Fitting, Add	*4.55*	
		For Each Single Barbed Wire Arm, Add	*7.15*	
		For Each Double Barbed Wire Arm, Add	*14.95*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*18.17*	
		For Vinyl Coated, Add	*43.60*	
		For Powder Coated, Add	*58.13*	
		For Aluminum Coated, Add	*90.83*	
		For Schedule 20, Deduct	*-14.53*	
		For Schedule 80, Add	*35.75*	
32 31 13 13-0104	LF	6-5/8" Outside Diameter Galvanized Steel Post, 7' To 10' In Length	77.63	3.62
		For Each Top Rail Fitting, Add	*4.55*	
		For Each Single Barbed Wire Arm, Add	*7.15*	
		For Each Double Barbed Wire Arm, Add	*14.95*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*17.57*	
		For Vinyl Coated, Add	*42.17*	
		For Powder Coated, Add	*56.22*	
		For Aluminum Coated, Add	*87.85*	
		For Schedule 20, Deduct	*-14.06*	
		For Schedule 80, Add	*34.47*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0105	LF	6-5/8" Outside Diameter Galvanized Steel Post, 11' To 15' In Length	75.17	2.99
		For Each Top Rail Fitting, Add	*4.55*	
		For Each Single Barbed Wire Arm, Add	*7.15*	
		For Each Double Barbed Wire Arm, Add	*14.95*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*17.27*	
		For Vinyl Coated, Add	*41.45*	
		For Powder Coated, Add	*55.26*	
		For Aluminum Coated, Add	*86.35*	
		For Schedule 20, Deduct	*-13.82*	
		For Schedule 80, Add	*33.77*	
32 31 13 13-0106	LF	6-5/8" Outside Diameter Galvanized Steel Post, 16' To 20' In Length	73.36	2.37
		For Each Top Rail Fitting, Add	*4.55*	
		For Each Single Barbed Wire Arm, Add	*7.15*	
		For Each Double Barbed Wire Arm, Add	*14.95*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*17.12*	
		For Vinyl Coated, Add	*41.09*	
		For Powder Coated, Add	*54.79*	
		For Aluminum Coated, Add	*85.61*	
		For Schedule 20, Deduct	*-13.70*	
		For Schedule 80, Add	*33.36*	
32 31 13 13-0107	LF	6-5/8" Outside Diameter Galvanized Steel Post, 21' To 24' In Length	72.35	2.12
		For Each Top Rail Fitting, Add	*4.55*	
		For Each Single Barbed Wire Arm, Add	*7.15*	
		For Each Double Barbed Wire Arm, Add	*14.95*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*17.05*	
		For Vinyl Coated, Add	*40.91*	
		For Powder Coated, Add	*54.55*	
		For Aluminum Coated, Add	*85.24*	
		For Schedule 20, Deduct	*-13.64*	
		For Schedule 80, Add	*33.15*	
32 31 13 13-0108	LF	6-5/8" Outside Diameter Galvanized Steel Post, >24' In Length	71.60	1.75
		For Each Top Rail Fitting, Add	*4.55*	
		For Each Single Barbed Wire Arm, Add	*7.15*	
		For Each Double Barbed Wire Arm, Add	*14.95*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*17.03*	
		For Vinyl Coated, Add	*40.88*	
		For Powder Coated, Add	*54.50*	
		For Aluminum Coated, Add	*85.16*	
		For Schedule 20, Deduct	*-13.63*	
		For Schedule 80, Add	*33.05*	

32 31 13 13-0109 Post Without Top Rail Fitting, Galvanized Steel (8.625" Nominal) *(32 31 13 13-0059)*

Note: 8-5/8" outside diameter, Schedule 40. Includes cap and accessories.

32 31 13 13-0110	LF	8-5/8" Outside Diameter Galvanized Steel Post, Up To 6' In Length	158.25	4.87
		For Each Top Rail Fitting, Add	*7.50*	
		For Each Single Barbed Wire Arm, Add	*9.15*	
		For Each Double Barbed Wire Arm, Add	*18.95*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*37.13*	
		For Vinyl Coated, Add	*89.11*	
		For Powder Coated, Add	*118.82*	
		For Aluminum Coated, Add	*185.65*	
		For Schedule 20, Deduct	*-29.70*	
		For Schedule 80, Add	*72.26*	
32 31 13 13-0111	LF	8-5/8" Outside Diameter Galvanized Steel Post, 7' To 10' In Length	151.92	4.12
		For Each Top Rail Fitting, Add	*7.50*	
		For Each Single Barbed Wire Arm, Add	*9.15*	
		For Each Double Barbed Wire Arm, Add	*18.95*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*35.95*	
		For Vinyl Coated, Add	*86.27*	
		For Powder Coated, Add	*115.02*	
		For Aluminum Coated, Add	*179.73*	
		For Schedule 20, Deduct	*-28.76*	
		For Schedule 80, Add	*69.83*	
32 31 13 13-0112	LF	8-5/8" Outside Diameter Galvanized Steel Post, 11' To 15' In Length	148.16	3.37
		For Each Top Rail Fitting, Add	*7.50*	
		For Each Single Barbed Wire Arm, Add	*9.15*	
		For Each Double Barbed Wire Arm, Add	*18.95*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*35.35*	
		For Vinyl Coated, Add	*84.85*	
		For Powder Coated, Add	*113.13*	
		For Aluminum Coated, Add	*176.76*	
		For Schedule 20, Deduct	*-28.28*	
		For Schedule 80, Add	*68.55*	
32 31 13 13-0113	LF	8-5/8" Outside Diameter Galvanized Steel Post, 16' To 20' In Length	145.57	2.62
		For Each Top Rail Fitting, Add	*7.50*	
		For Each Single Barbed Wire Arm, Add	*9.15*	
		For Each Double Barbed Wire Arm, Add	*18.95*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*35.06*	
		For Vinyl Coated, Add	*84.13*	
		For Powder Coated, Add	*112.18*	
		For Aluminum Coated, Add	*175.28*	
		For Schedule 20, Deduct	*-28.04*	
		For Schedule 80, Add	*67.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0114	LF	8-5/8" Outside Diameter Galvanized Steel Post, 21' To 24' In Length	144.26	2.25
		For Each Top Rail Fitting, Add	*7.50*	
		For Each Single Barbed Wire Arm, Add	*9.15*	
		For Each Double Barbed Wire Arm, Add	*18.95*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*34.91*	
		For Vinyl Coated, Add	*83.78*	
		For Powder Coated, Add	*111.70*	
		For Aluminum Coated, Add	*174.54*	
		For Schedule 20, Deduct	*-27.93*	
		For Schedule 80, Add	*67.49*	
32 31 13 13-0115	LF	8-5/8" Outside Diameter Galvanized Steel Post, >24' In Length	143.37	1.88
		For Each Top Rail Fitting, Add	*7.50*	
		For Each Single Barbed Wire Arm, Add	*9.15*	
		For Each Double Barbed Wire Arm, Add	*18.95*	
		For SS40 (Hot-Dip Galvanized And Chromated), Add	*34.88*	
		For Vinyl Coated, Add	*83.71*	
		For Powder Coated, Add	*111.61*	
		For Aluminum Coated, Add	*174.39*	
		For Schedule 20, Deduct	*-27.90*	
		For Schedule 80, Add	*67.35*	

32 31 13 13-0116 Driven Post Supports *(32 31 13 13)*

Note: OZ-Post.

32 31 13 13-0117 Driven Post Support For Round Chain Link Fence Posts *(32 31 13 13-0116)*

32 31 13 13-0118	EA	26" Driven Post Support For 1-5/8" Round Chain Link Fence Post Note: OZ-Post GB-700.	78.18
32 31 13 13-0119	EA	26" Driven Post Support For 1-7/8" To 2" Round Chain Link Fence Post Note: OZ-Post HB-700.	78.18
32 31 13 13-0120	EA	26" Driven Post Support For 2-3/8" To 2-1/2" Round Chain Link Fence Post Note: OZ-Post IS-600.	80.21
32 31 13 13-0121	EA	32" Driven Post Support For 2-3/8" To 2-1/2" Round Chain Link Fence Post Note: OZ-Post ISW-850.	96.41

32 31 13 13-0122 Driven Post Support For Square Ornamental Fence Posts *(32 31 13 13-0116)*

32 31 13 13-0123	EA	34" Driven Post Support For 1-3/4" Square Ornamental Fence Post Note: OZ-Post C175-850.	90.32
32 31 13 13-0124	EA	24" Driven Post Support For 2" Square Ornamental Fence Post Note: OZ-Post I2-600.	87.27
32 31 13 13-0125	EA	34" Driven Post Support For 2" Square Ornamental Fence Post Note: OZ-Post I2-850.	90.93
32 31 13 13-0126	EA	34" Driven Post Support For 2-1/2" Square Ornamental Fence Post Note: OZ-Post I25-850.	96.41
32 31 13 13-0127	EA	34" Driven Post Support For 3" Square Ornamental Fence Post Note: OZ-Post I3-850.	96.41

32 31 13 13-0128 Driven Post Support For Wooden Fence Posts *(32 31 13 13-0116)*

32 31 13 13-0129	EA	24" Driven Post Support For 3-1/2" Square Wooden Fence Post Note: OZ-Post T4-600.	89.01
32 31 13 13-0130	EA	34" Driven Post Support For 3-1/2" Square Wooden Fence Post Note: OZ-Post T4-850.	93.36
32 31 13 13-0131	EA	34" Driven Post Support For 3-3/4" Square Wooden Fence Post Note: OZ-Post C4-850.	100.48
32 31 13 13-0132	EA	34" Driven Post Support For 4" Square Wooden Fence Post Note: OZ-Post P4-850.	100.48
32 31 13 13-0133	EA	36" Driven Post Support For 4" x 6" Wooden Fence Post Note: OZ-Post T46-850.	113.69
32 31 13 13-0134	EA	36" Driven Post Support For 6" Square Wooden Fence Post Note: OZ-Post T6-850.	123.03

32 31 13 13-0135 Driven Post Support For Vinyl Fence Posts *(32 31 13 13-0116)*

32 31 13 13-0136	EA	24" Driven Post Support For 3-1/2" Square Vinyl Fence Post Note: OZ-Post T4-600.	89.01
32 31 13 13-0137	EA	34" Driven Post Support For 3-1/2" Square Vinyl Fence Post Note: OZ-Post T4-850.	93.36
32 31 13 13-0138	EA	34" Driven Post Support For 4" Square Vinyl Fence Post Note: OZ-Post P4-850.	100.48
32 31 13 13-0139	EA	34" Driven Post Support For 5" Square Vinyl Fence Post Note: OZ-Post P4-850.	102.10

32 31 13 13-0140 Chain Link Fence Assemblies *(32 31 13 13)*

32 31 13 13-0141 Chain Link Fence Assembly With 2-1/2" Line Post And 3" Corner Posts *(32 31 13 13-0140)*

Note: Includes 2" 9 gauge coiled spring mesh (knuckled selvedge), tension bars, post tension bands, wire ties, truss rod (at corners or posts), 1-5/8" top rail, 1-5/8" bottom rail, 2-1/2" line post and 3" corner posts. Posts exclude drilling or augering in soil or rock, concrete or soil fill. Heights indicated are from ground to top of installed pole. Minimum 2' bury with up to one third of exposed post height to be buried in ground. Excludes grounding. Demolition excludes concrete footing removal on posts and excavation. See CSI section 02 41 16 13-0013 for concrete footing removal, 32 31 13 13-0633 for barb wire attachments.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0142		Galvanized *(32 31 13 13-0141)*		
32 31 13 13-0143	LF	3' Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	41.04	4.25
		For Surface Mount On Concrete (Excludes Drilling And Anchors), Add	*2.88*	
		For 13 Gauge Fabric, Deduct	*-8.48*	
		For 11 Gauge Fabric, Deduct	*-4.96*	
		For 6 Gauge Fabric, Add	*7.79*	
		For 1" Mesh Fabric, Add	*10.62*	
		For 1-3/4" Mesh Fabric, Add	*4.25*	
		For 2-1/8" Mesh Fabric, Deduct	*-2.12*	
		For 2-3/8" Mesh Fabric, Deduct	*-2.83*	
		For Posts 8' On Centers, Add	*2.25*	
		For Posts 5' On Centers, Add	*8.47*	
		For Up To 100, Add	*7.82*	
		For >100 To 250, Add	*2.88*	
		For >2,500 To 5,000, Deduct	*-1.44*	
		For >5,000, Deduct	*-2.88*	
		For 3/8" Non-Climbable Mesh, Add	*31.81*	
32 31 13 13-0144	LF	3'-6" Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	42.65	4.25
		For Surface Mount On Concrete (Excludes Drilling And Anchors), Add	*2.98*	
		For 13 Gauge Fabric, Deduct	*-8.95*	
		For 11 Gauge Fabric, Deduct	*-5.23*	
		For 6 Gauge Fabric, Add	*8.22*	
		For 1" Mesh Fabric, Add	*11.21*	
		For 1-3/4" Mesh Fabric, Add	*4.48*	
		For 2-1/8" Mesh Fabric, Deduct	*-2.24*	
		For 2-3/8" Mesh Fabric, Deduct	*-2.99*	
		For Posts 8' On Centers, Add	*2.34*	
		For Posts 5' On Centers, Add	*8.77*	
		For Up To 100, Add	*8.09*	
		For >100 To 250, Add	*2.98*	
		For >2,500 To 5,000, Deduct	*-1.49*	
		For >5,000, Deduct	*-2.98*	
		For 3/8" Non-Climbable Mesh, Add	*36.49*	
32 31 13 13-0145	LF	4' Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	44.07	4.25
		For Surface Mount On Concrete (Excludes Drilling And Anchors), Add	*3.06*	
		For 13 Gauge Fabric, Deduct	*-9.35*	
		For 11 Gauge Fabric, Deduct	*-5.46*	
		For 6 Gauge Fabric, Add	*8.59*	
		For 1" Mesh Fabric, Add	*11.71*	
		For 1-3/4" Mesh Fabric, Add	*4.68*	
		For 2-1/8" Mesh Fabric, Deduct	*-2.34*	
		For 2-3/8" Mesh Fabric, Deduct	*-3.12*	
		For Posts 8' On Centers, Add	*2.41*	
		For Posts 5' On Centers, Add	*9.05*	
		For Up To 100, Add	*8.33*	
		For >100 To 250, Add	*3.06*	
		For >2,500 To 5,000, Deduct	*-1.53*	
		For >5,000, Deduct	*-3.06*	
		For 3/8" Non-Climbable Mesh, Add	*41.21*	
32 31 13 13-0146	LF	5' Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	47.40	4.25
		For Surface Mount On Concrete (Excludes Drilling And Anchors), Add	*3.26*	
		For 13 Gauge Fabric, Deduct	*-10.32*	
		For 11 Gauge Fabric, Deduct	*-6.03*	
		For 6 Gauge Fabric, Add	*9.47*	
		For 1" Mesh Fabric, Add	*12.92*	
		For 1-3/4" Mesh Fabric, Add	*5.17*	
		For 2-1/8" Mesh Fabric, Deduct	*-2.58*	
		For 2-3/8" Mesh Fabric, Deduct	*-3.44*	
		For Posts 8' On Centers, Add	*2.58*	
		For Posts 5' On Centers, Add	*9.68*	
		For Up To 100, Add	*8.88*	
		For >100 To 250, Add	*3.26*	
		For >2,500 To 5,000, Deduct	*-1.63*	
		For >5,000, Deduct	*-3.26*	
		For 3/8" Non-Climbable Mesh, Add	*50.04*	
32 31 13 13-0147	LF	6' Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	51.33	4.25
		For Surface Mount On Concrete (Excludes Drilling And Anchors), Add	*3.51*	
		For 13 Gauge Fabric, Deduct	*-11.29*	
		For 11 Gauge Fabric, Deduct	*-6.59*	
		For 6 Gauge Fabric, Add	*10.36*	
		For 1" Mesh Fabric, Add	*14.13*	
		For 1-3/4" Mesh Fabric, Add	*5.65*	
		For 2-1/8" Mesh Fabric, Deduct	*-2.83*	
		For 2-3/8" Mesh Fabric, Deduct	*-3.77*	
		For Posts 8' On Centers, Add	*2.79*	
		For Posts 5' On Centers, Add	*10.46*	
		For Up To 100, Add	*9.58*	
		For >100 To 250, Add	*3.51*	
		For >2,500 To 5,000, Deduct	*-1.75*	
		For >5,000, Deduct	*-3.51*	
		For 3/8" Non-Climbable Mesh, Add	*58.92*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0148	LF	7' Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	53.26	6.36
		For Surface Mount On Concrete (Excludes Drilling And Anchors), Add	*3.64*	
		For 13 Gauge Fabric, Deduct	*-11.71*	
		For 11 Gauge Fabric, Deduct	*-6.84*	
		For 6 Gauge Fabric, Add	*10.75*	
		For 1" Mesh Fabric, Add	*14.66*	
		For 1-3/4" Mesh Fabric, Add	*5.86*	
		For 2-1/8" Mesh Fabric, Deduct	*-2.93*	
		For 2-3/8" Mesh Fabric, Deduct	*-3.91*	
		For Posts 8' On Centers, Add	*2.90*	
		For Posts 5' On Centers, Add	*10.86*	
		For Up To 100, Add	*9.95*	
		For >100 To 250, Add	*3.64*	
		For >2,500 To 5,000, Deduct	*-1.82*	
		For >5,000, Deduct	*-3.64*	
		For 3/8" Non-Climbable Mesh, Add	*67.94*	
32 31 13 13-0149	LF	8' Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	60.44	7.42
		For Surface Mount On Concrete (Excludes Drilling And Anchors), Add	*4.06*	
		For 13 Gauge Fabric, Deduct	*-13.76*	
		For 11 Gauge Fabric, Deduct	*-8.04*	
		For 6 Gauge Fabric, Add	*12.63*	
		For 1" Mesh Fabric, Add	*17.23*	
		For 1-3/4" Mesh Fabric, Add	*6.89*	
		For 2-1/8" Mesh Fabric, Deduct	*-3.45*	
		For 2-3/8" Mesh Fabric, Deduct	*-4.59*	
		For Posts 8' On Centers, Add	*3.27*	
		For Posts 5' On Centers, Add	*12.23*	
		For Up To 100, Add	*11.15*	
		For >100 To 250, Add	*4.06*	
		For >2,500 To 5,000, Deduct	*-2.03*	
		For >5,000, Deduct	*-4.06*	
		For 3/8" Non-Climbable Mesh, Add	*77.06*	
32 31 13 13-0150	LF	9' Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	64.44	9.55
		For Surface Mount On Concrete (Excludes Drilling And Anchors), Add	*4.31*	
		For 13 Gauge Fabric, Deduct	*-14.81*	
		For 11 Gauge Fabric, Deduct	*-8.65*	
		For 6 Gauge Fabric, Add	*13.60*	
		For 1" Mesh Fabric, Add	*18.54*	
		For 1-3/4" Mesh Fabric, Add	*7.42*	
		For 2-1/8" Mesh Fabric, Deduct	*-3.71*	
		For 2-3/8" Mesh Fabric, Deduct	*-4.94*	
		For Posts 8' On Centers, Add	*3.48*	
		For Posts 5' On Centers, Add	*13.02*	
		For Up To 100, Add	*11.85*	
		For >100 To 250, Add	*4.31*	
		For >2,500 To 5,000, Deduct	*-2.16*	
		For >5,000, Deduct	*-4.31*	
		For 3/8" Non-Climbable Mesh, Add	*84.98*	
32 31 13 13-0151	LF	10' Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	68.47	10.61
		For Surface Mount On Concrete (Excludes Drilling And Anchors), Add	*4.56*	
		For 13 Gauge Fabric, Deduct	*-15.86*	
		For 11 Gauge Fabric, Deduct	*-9.27*	
		For 6 Gauge Fabric, Add	*14.56*	
		For 1" Mesh Fabric, Add	*19.86*	
		For 1-3/4" Mesh Fabric, Add	*7.94*	
		For 2-1/8" Mesh Fabric, Deduct	*-3.97*	
		For 2-3/8" Mesh Fabric, Deduct	*-5.30*	
		For Posts 8' On Centers, Add	*3.70*	
		For Posts 5' On Centers, Add	*13.81*	
		For Up To 100, Add	*12.55*	
		For >100 To 250, Add	*4.56*	
		For >2,500 To 5,000, Deduct	*-2.28*	
		For >5,000, Deduct	*-4.56*	
		For 3/8" Non-Climbable Mesh, Add	*93.19*	
32 31 13 13-0152	LF	12' Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	76.02	12.73
		For Each Additional Foot >12, Add	*4.22*	
		For Surface Mount On Concrete (Excludes Drilling And Anchors), Add	*5.04*	
		For 13 Gauge Fabric, Deduct	*-17.82*	
		For 11 Gauge Fabric, Deduct	*-10.41*	
		For 6 Gauge Fabric, Add	*16.36*	
		For 1" Mesh Fabric, Add	*22.31*	
		For 1-3/4" Mesh Fabric, Add	*8.92*	
		For 2-1/8" Mesh Fabric, Deduct	*-4.46*	
		For 2-3/8" Mesh Fabric, Deduct	*-5.95*	
		For Posts 8' On Centers, Add	*4.10*	
		For Posts 5' On Centers, Add	*15.29*	
		For Up To 100, Add	*13.88*	
		For >100 To 250, Add	*5.04*	
		For >2,500 To 5,000, Deduct	*-2.52*	
		For >5,000, Deduct	*-5.04*	
		For 3/8" Non-Climbable Mesh, Add	*101.07*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0153		Vinyl Coated *(32 31 13 13-0141)*		
32 31 13 13-0154	LF	4' Vinyl Cover Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	45.63	4.25
		For Powder Coated Framework (Posts, Rails, Hardware), Add	*4.27*	
		For Surface Mount On Concrete (Excludes Drilling And Anchors), Add	*3.14*	
		For 13 Gauge Fabric, Deduct	*-9.90*	
		For 11 Gauge Fabric, Deduct	*-5.78*	
		For 6 Gauge Fabric, Add	*9.09*	
		For 1" Mesh Fabric, Add	*12.39*	
		For 1-3/4" Mesh Fabric, Add	*4.96*	
		For 2-1/8" Mesh Fabric, Deduct	*-2.48*	
		For 2-3/8" Mesh Fabric, Deduct	*-3.30*	
		For Posts 8' On Centers, Add	*2.49*	
		For Posts 5' On Centers, Add	*9.33*	
		For Up To 100, Add	*8.56*	
		For >100 To 250, Add	*3.14*	
		For >2,500 To 5,000, Deduct	*-1.57*	
		For >5,000, Deduct	*-3.14*	
		For 3/8" Non-Climbable Mesh, Add	*46.19*	
32 31 13 13-0155	LF	5' Vinyl Cover Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	49.37	4.25
		For Powder Coated Framework (Posts, Rails, Hardware), Add	*4.75*	
		For Surface Mount On Concrete (Excludes Drilling And Anchors), Add	*3.35*	
		For 13 Gauge Fabric, Deduct	*-11.00*	
		For 11 Gauge Fabric, Deduct	*-6.43*	
		For 6 Gauge Fabric, Add	*10.10*	
		For 1" Mesh Fabric, Add	*13.77*	
		For 1-3/4" Mesh Fabric, Add	*5.51*	
		For 2-1/8" Mesh Fabric, Deduct	*-2.75*	
		For 2-3/8" Mesh Fabric, Deduct	*-3.67*	
		For Posts 8' On Centers, Add	*2.68*	
		For Posts 5' On Centers, Add	*10.04*	
		For Up To 100, Add	*9.18*	
		For >100 To 250, Add	*3.35*	
		For >2,500 To 5,000, Deduct	*-1.68*	
		For >5,000, Deduct	*-3.35*	
		For 3/8" Non-Climbable Mesh, Add	*56.27*	
32 31 13 13-0156	LF	6' Vinyl Cover Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	55.34	4.25
		For Powder Coated Framework (Posts, Rails, Hardware), Add	*5.47*	
		For Surface Mount On Concrete (Excludes Drilling And Anchors), Add	*3.71*	
		For 13 Gauge Fabric, Deduct	*-12.68*	
		For 11 Gauge Fabric, Deduct	*-7.41*	
		For 6 Gauge Fabric, Add	*11.64*	
		For 1" Mesh Fabric, Add	*15.87*	
		For 1-3/4" Mesh Fabric, Add	*6.35*	
		For 2-1/8" Mesh Fabric, Deduct	*-3.17*	
		For 2-3/8" Mesh Fabric, Deduct	*-4.23*	
		For Posts 8' On Centers, Add	*2.99*	
		For Posts 5' On Centers, Add	*11.19*	
		For Up To 100, Add	*10.19*	
		For >100 To 250, Add	*3.71*	
		For >2,500 To 5,000, Deduct	*-1.85*	
		For >5,000, Deduct	*-3.71*	
		For 3/8" Non-Climbable Mesh, Add	*66.39*	
32 31 13 13-0157	LF	7' Vinyl Cover Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	57.91	6.36
		For Powder Coated Framework (Posts, Rails, Hardware), Add	*5.75*	
		For Surface Mount On Concrete (Excludes Drilling And Anchors), Add	*3.87*	
		For 13 Gauge Fabric, Deduct	*-13.33*	
		For 11 Gauge Fabric, Deduct	*-7.79*	
		For 6 Gauge Fabric, Add	*12.23*	
		For 1" Mesh Fabric, Add	*16.68*	
		For 1-3/4" Mesh Fabric, Add	*6.67*	
		For 2-1/8" Mesh Fabric, Deduct	*-3.34*	
		For 2-3/8" Mesh Fabric, Deduct	*-4.45*	
		For Posts 8' On Centers, Add	*3.13*	
		For Posts 5' On Centers, Add	*11.70*	
		For Up To 100, Add	*10.64*	
		For >100 To 250, Add	*3.87*	
		For >2,500 To 5,000, Deduct	*-1.94*	
		For >5,000, Deduct	*-3.87*	
		For 3/8" Non-Climbable Mesh, Add	*76.66*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0158	LF	8' Vinyl Cover Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	65.86	7.42
		For Powder Coated Framework (Posts, Rails, Hardware), Add	*6.75*	
		For Surface Mount On Concrete (Excludes Drilling And Anchors), Add	*4.34*	
		For 13 Gauge Fabric, Deduct	*-15.64*	
		For 11 Gauge Fabric, Deduct	*-9.14*	
		For 6 Gauge Fabric, Add	*14.36*	
		For 1" Mesh Fabric, Add	*19.58*	
		For 1-3/4" Mesh Fabric, Add	*7.83*	
		For 2-1/8" Mesh Fabric, Deduct	*-3.92*	
		For 2-3/8" Mesh Fabric, Deduct	*-5.22*	
		For Posts 8' On Centers, Add	*3.54*	
		For Posts 5' On Centers, Add	*13.21*	
		For Up To 100, Add	*11.96*	
		For >100 To 250, Add	*4.34*	
		For >2,500 To 5,000, Deduct	*-2.17*	
		For >5,000, Deduct	*-4.34*	
		For 3/8" Non-Climbable Mesh, Add	*87.03*	
32 31 13 13-0159	LF	9' Vinyl Cover Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	70.26	9.55
		For Powder Coated Framework (Posts, Rails, Hardware), Add	*7.27*	
		For Surface Mount On Concrete (Excludes Drilling And Anchors), Add	*4.60*	
		For 13 Gauge Fabric, Deduct	*-16.83*	
		For 11 Gauge Fabric, Deduct	*-9.83*	
		For 6 Gauge Fabric, Add	*15.45*	
		For 1" Mesh Fabric, Add	*21.07*	
		For 1-3/4" Mesh Fabric, Add	*8.43*	
		For 2-1/8" Mesh Fabric, Deduct	*-4.21*	
		For 2-3/8" Mesh Fabric, Deduct	*-5.62*	
		For Posts 8' On Centers, Add	*3.77*	
		For Posts 5' On Centers, Add	*14.07*	
		For Up To 100, Add	*12.72*	
		For >100 To 250, Add	*4.60*	
		For >2,500 To 5,000, Deduct	*-2.30*	
		For >5,000, Deduct	*-4.60*	
		For 3/8" Non-Climbable Mesh, Add	*96.08*	
32 31 13 13-0160	LF	10' Vinyl Cover Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	74.69	10.61
		For Powder Coated Framework (Posts, Rails, Hardware), Add	*7.78*	
		For Surface Mount On Concrete (Excludes Drilling And Anchors), Add	*4.88*	
		For 13 Gauge Fabric, Deduct	*-18.02*	
		For 11 Gauge Fabric, Deduct	*-10.53*	
		For 6 Gauge Fabric, Add	*16.55*	
		For 1" Mesh Fabric, Add	*22.56*	
		For 1-3/4" Mesh Fabric, Add	*9.03*	
		For 2-1/8" Mesh Fabric, Deduct	*-4.51*	
		For 2-3/8" Mesh Fabric, Deduct	*-6.02*	
		For Posts 8' On Centers, Add	*4.01*	
		For Posts 5' On Centers, Add	*14.93*	
		For Up To 100, Add	*13.49*	
		For >100 To 250, Add	*4.88*	
		For >2,500 To 5,000, Deduct	*-2.44*	
		For >5,000, Deduct	*-4.88*	
		For 3/8" Non-Climbable Mesh, Add	*105.41*	
32 31 13 13-0161	LF	12' Vinyl Cover Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	81.49	12.73
		For Each Additional Foot >12, Add	*4.47*	
		For Powder Coated Framework (Posts, Rails, Hardware), Add	*8.51*	
		For Surface Mount On Concrete (Excludes Drilling And Anchors), Add	*5.31*	
		For 13 Gauge Fabric, Deduct	*-19.72*	
		For 11 Gauge Fabric, Deduct	*-11.52*	
		For 6 Gauge Fabric, Add	*18.11*	
		For 1" Mesh Fabric, Add	*24.69*	
		For 1-3/4" Mesh Fabric, Add	*9.88*	
		For 2-1/8" Mesh Fabric, Deduct	*-4.94*	
		For 2-3/8" Mesh Fabric, Deduct	*-6.58*	
		For Posts 8' On Centers, Add	*4.37*	
		For Posts 5' On Centers, Add	*16.28*	
		For Up To 100, Add	*14.70*	
		For >100 To 250, Add	*5.31*	
		For >2,500 To 5,000, Deduct	*-2.66*	
		For >5,000, Deduct	*-5.31*	
		For 3/8" Non-Climbable Mesh, Add	*114.32*	

32 31 13 13-0162 Rails *(32 31 13 13)*

Note: Includes rail end fittings.

32 31 13 13-0163 SS-20 Chain Link Fence Rails *(32 31 13 13-0162)*

Note: Includes tie wires.

32 31 13 13-0164	LF	1-3/8" Galvanized Steel Rail, 0.08" Wall Thickness, Tie Wires And Fittings	7.44	1.38
		For SS15, Deduct	*-0.46*	
		For SS40, Add	*1.14*	
32 31 13 13-0165	LF	1-3/8" Vinyl Coated Rail, 0.08" Wall Thickness, Tie Wires And Fittings	8.97	1.38
		For SS40, Add	*0.61*	
		For Powder Coated, Add	*1.22*	
		For Aluminum Coated, Add	*2.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0166	LF	1-5/8" Galvanized Steel Rail, 0.085" Wall Thickness, Tie Wires And Fittings	9.21	1.56
		For SS15, Deduct	*-0.61*	
		For SS40, Add	*1.52*	
32 31 13 13-0167	LF	1-5/8" Vinyl Coated Rail, 0.085" Wall Thickness, Tie Wires And Fittings	11.26	1.56
		For SS40, Add	*0.81*	
		For Powder Coated, Add	*1.63*	
		For Aluminum Coated, Add	*3.26*	
32 31 13 13-0168	LF	2" Galvanized Steel Rail, 0.09" Wall Thickness, Tie Wires And Fittings	10.79	1.75
		For SS40, Add	*1.83*	
32 31 13 13-0169	LF	2" Vinyl Coated Rail, 0.09" Wall Thickness, Tie Wires And Fittings	13.26	1.75
		For SS40, Add	*0.98*	
		For Powder Coated, Add	*1.95*	
		For Aluminum Coated, Add	*3.91*	
32 31 13 13-0170		**Fabric** *(32 31 13 13)*		
32 31 13 13-0171		**Fabric, Galvanized Chain Link** *(32 31 13 13-0170)*		
32 31 13 13-0172	LF	3' Full Height Fabric Galvanized Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh	11.96	2.50
		For 1-1/4" Mesh Fabric, Add	*1.08*	
		For 2 Oz Galvanized Or Zinc Coating, Add	*0.96*	
		For 13 Gauge Fabric, Deduct	*-1.73*	
		For 11 Gauge Fabric, Deduct	*-0.96*	
		For 6 Gauge Fabric, Add	*3.08*	
		For 1" Mesh Fabric, Add	*2.89*	
		For 1-1/4" Mesh Fabric, Add	*1.93*	
		For 1-3/4" Mesh Fabric, Add	*1.16*	
		For 2-1/8" Mesh Fabric, Deduct	*-0.58*	
		For 2-3/8" Mesh Fabric, Deduct	*-0.77*	
		For 3/8" Non-Climbable Mesh, Add	*33.02*	
32 31 13 13-0173	LF	3'-6" Full Height Fabric Galvanized Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh	13.22	2.81
		For 1-1/4" Mesh Fabric, Add	*1.26*	
		For 2 Oz Galvanized Or Zinc Coating, Add	*1.12*	
		For 13 Gauge Fabric, Deduct	*-2.02*	
		For 11 Gauge Fabric, Deduct	*-1.12*	
		For 6 Gauge Fabric, Add	*3.59*	
		For 1" Mesh Fabric, Add	*3.37*	
		For 1-1/4" Mesh Fabric, Add	*2.25*	
		For 1-3/4" Mesh Fabric, Add	*1.35*	
		For 2-1/8" Mesh Fabric, Deduct	*-0.67*	
		For 2-3/8" Mesh Fabric, Deduct	*-0.90*	
		For 3/8" Non-Climbable Mesh, Add	*37.79*	
32 31 13 13-0174	LF	4' Full Height Fabric Galvanized Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh	14.31	3.12
		For 1-1/4" Mesh Fabric, Add	*1.38*	
		For 2 Oz Galvanized Or Zinc Coating, Add	*1.24*	
		For 13 Gauge Fabric, Deduct	*-2.22*	
		For 11 Gauge Fabric, Deduct	*-1.24*	
		For 6 Gauge Fabric, Add	*3.95*	
		For 1" Mesh Fabric, Add	*3.71*	
		For 1-1/4" Mesh Fabric, Add	*2.47*	
		For 1-3/4" Mesh Fabric, Add	*1.48*	
		For 2-1/8" Mesh Fabric, Deduct	*-0.74*	
		For 2-3/8" Mesh Fabric, Deduct	*-0.99*	
		For 3/8" Non-Climbable Mesh, Add	*42.62*	
32 31 13 13-0175	LF	5' Full Height Fabric Galvanized Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh	16.15	3.74
		For 1-1/4" Mesh Fabric, Add	*1.72*	
		For 2 Oz Galvanized Or Zinc Coating, Add	*1.54*	
		For 13 Gauge Fabric, Deduct	*-2.77*	
		For 11 Gauge Fabric, Deduct	*-1.54*	
		For 6 Gauge Fabric, Add	*4.93*	
		For 1" Mesh Fabric, Add	*4.62*	
		For 1-1/4" Mesh Fabric, Add	*3.08*	
		For 1-3/4" Mesh Fabric, Add	*1.85*	
		For 2-1/8" Mesh Fabric, Deduct	*-0.92*	
		For 2-3/8" Mesh Fabric, Deduct	*-1.23*	
		For 3/8" Non-Climbable Mesh, Add	*51.53*	
32 31 13 13-0176	LF	6' Full Height Fabric Galvanized Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh	18.10	4.37
		For 1-1/4" Mesh Fabric, Add	*2.07*	
		For 2 Oz Galvanized Or Zinc Coating, Add	*1.85*	
		For 13 Gauge Fabric, Deduct	*-3.33*	
		For 11 Gauge Fabric, Deduct	*-1.85*	
		For 6 Gauge Fabric, Add	*5.92*	
		For 1" Mesh Fabric, Add	*5.55*	
		For 1-1/4" Mesh Fabric, Add	*3.70*	
		For 1-3/4" Mesh Fabric, Add	*2.22*	
		For 2-1/8" Mesh Fabric, Deduct	*-1.11*	
		For 2-3/8" Mesh Fabric, Deduct	*-1.48*	
		For 3/8" Non-Climbable Mesh, Add	*60.53*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0177	LF	7' Full Height Fabric Galvanized Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh	20.14	4.99
		For 1-1/4" Mesh Fabric, Add	*2.41*	
		For 2 Oz Galvanized Or Zinc Coating, Add	*2.15*	
		For 13 Gauge Fabric, Deduct	*-3.87*	
		For 11 Gauge Fabric, Deduct	*-2.15*	
		For 6 Gauge Fabric, Add	*6.89*	
		For 1" Mesh Fabric, Add	*6.46*	
		For 1-1/4" Mesh Fabric, Add	*4.31*	
		For 1-3/4" Mesh Fabric, Add	*2.58*	
		For 2-1/8" Mesh Fabric, Deduct	*-1.29*	
		For 2-3/8" Mesh Fabric, Deduct	*-1.72*	
		For 3/8" Non-Climbable Mesh, Add	*69.67*	
32 31 13 13-0178	LF	8' Full Height Fabric Galvanized Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh	22.34	6.24
		For 1-1/4" Mesh Fabric, Add	*2.76*	
		For 2 Oz Galvanized Or Zinc Coating, Add	*2.46*	
		For 13 Gauge Fabric, Deduct	*-4.43*	
		For 11 Gauge Fabric, Deduct	*-2.46*	
		For 6 Gauge Fabric, Add	*7.88*	
		For 1" Mesh Fabric, Add	*7.39*	
		For 1-1/4" Mesh Fabric, Add	*4.93*	
		For 1-3/4" Mesh Fabric, Add	*2.96*	
		For 2-1/8" Mesh Fabric, Deduct	*-1.48*	
		For 2-3/8" Mesh Fabric, Deduct	*-1.97*	
		For 3/8" Non-Climbable Mesh, Add	*78.94*	
32 31 13 13-0179	LF	10' Full Height Fabric Galvanized Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh	26.58	6.87
		For 1-1/4" Mesh Fabric, Add	*3.58*	
		For 2 Oz Galvanized Or Zinc Coating, Add	*3.20*	
		For 13 Gauge Fabric, Deduct	*-5.76*	
		For 11 Gauge Fabric, Deduct	*-3.20*	
		For 6 Gauge Fabric, Add	*10.24*	
		For 1" Mesh Fabric, Add	*9.60*	
		For 1-1/4" Mesh Fabric, Add	*6.40*	
		For 1-3/4" Mesh Fabric, Add	*3.84*	
		For 2-1/8" Mesh Fabric, Deduct	*-1.92*	
		For 2-3/8" Mesh Fabric, Deduct	*-2.56*	
		For 3/8" Non-Climbable Mesh, Add	*95.26*	
32 31 13 13-0180	LF	12' Full Height Fabric Galvanized Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh	30.32	7.49
		For 1-1/4" Mesh Fabric, Add	*4.30*	
		For 2 Oz Galvanized Or Zinc Coating, Add	*3.84*	
		For 13 Gauge Fabric, Deduct	*-6.90*	
		For 11 Gauge Fabric, Deduct	*-3.84*	
		For 6 Gauge Fabric, Add	*12.27*	
		For 1" Mesh Fabric, Add	*11.51*	
		For 1-1/4" Mesh Fabric, Add	*7.67*	
		For 1-3/4" Mesh Fabric, Add	*4.60*	
		For 2-1/8" Mesh Fabric, Deduct	*-2.30*	
		For 2-3/8" Mesh Fabric, Deduct	*-3.07*	
		For 3/8" Non-Climbable Mesh, Add	*103.31*	
32 31 13 13-0181	LF	14' Full Height Fabric Galvanized Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh	33.96	8.73
		For 1-1/4" Mesh Fabric, Add	*4.61*	
		For 2 Oz Galvanized Or Zinc Coating, Add	*4.12*	
		For 13 Gauge Fabric, Deduct	*-7.42*	
		For 11 Gauge Fabric, Deduct	*-4.12*	
		For 6 Gauge Fabric, Add	*13.18*	
		For 1" Mesh Fabric, Add	*12.36*	
		For 1-1/4" Mesh Fabric, Add	*8.24*	
		For 1-3/4" Mesh Fabric, Add	*4.94*	
		For 2-1/8" Mesh Fabric, Deduct	*-2.47*	
		For 2-3/8" Mesh Fabric, Deduct	*-3.30*	
		For 3/8" Non-Climbable Mesh, Add	*112.68*	
32 31 13 13-0182	LF	16' Full Height Fabric Galvanized Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh	37.59	9.99
		For 1-1/4" Mesh Fabric, Add	*4.93*	
		For 2 Oz Galvanized Or Zinc Coating, Add	*4.40*	
		For 13 Gauge Fabric, Deduct	*-7.92*	
		For 11 Gauge Fabric, Deduct	*-4.40*	
		For 6 Gauge Fabric, Add	*14.09*	
		For 1" Mesh Fabric, Add	*13.21*	
		For 1-1/4" Mesh Fabric, Add	*8.81*	
		For 1-3/4" Mesh Fabric, Add	*5.28*	
		For 2-1/8" Mesh Fabric, Deduct	*-2.64*	
		For 2-3/8" Mesh Fabric, Deduct	*-3.52*	
		For 3/8" Non-Climbable Mesh, Add	*122.05*	

32 31 13 13-0183 Fabric, Vinyl Coated Chain Link *(32 31 13 13-0170)*

32 31 13 13-0184	LF	4' Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh	15.87	2.50
		For 1-1/4" Mesh Fabric, Add	*1.82*	
		For 13 Gauge Fabric, Deduct	*-2.93*	
		For 11 Gauge Fabric, Deduct	*-1.63*	
		For 6 Gauge Fabric, Add	*5.20*	
		For 1" Mesh Fabric, Add	*4.88*	
		For 1-1/4" Mesh Fabric, Add	*3.25*	
		For 1-3/4" Mesh Fabric, Add	*1.95*	
		For 2-1/8" Mesh Fabric, Deduct	*-0.98*	
		For 2-3/8" Mesh Fabric, Deduct	*-1.30*	
		For 3/8" Non-Climbable Mesh, Add	*47.60*	
		For Aluminum Coated, Add	*2.60*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0185	LF	5' Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh	18.12	3.74
		For 1-1/4" Mesh Fabric, Add	*2.28*	
		For 13 Gauge Fabric, Deduct	*-3.66*	
		For 11 Gauge Fabric, Deduct	*-2.03*	
		For 6 Gauge Fabric, Add	*6.50*	
		For 1" Mesh Fabric, Add	*6.10*	
		For 1-1/4" Mesh Fabric, Add	*4.07*	
		For 1-3/4" Mesh Fabric, Add	*2.44*	
		For 2-1/8" Mesh Fabric, Deduct	*-1.22*	
		For 2-3/8" Mesh Fabric, Deduct	*-1.63*	
		For 3/8" Non-Climbable Mesh, Add	*57.76*	
		For Aluminum Coated, Add	*3.25*	
32 31 13 13-0186	LF	6' Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh	22.10	4.37
		For 1-1/4" Mesh Fabric, Add	*3.19*	
		For 13 Gauge Fabric, Deduct	*-5.13*	
		For 11 Gauge Fabric, Deduct	*-2.85*	
		For 6 Gauge Fabric, Add	*9.12*	
		For 1" Mesh Fabric, Add	*8.55*	
		For 1-1/4" Mesh Fabric, Add	*5.70*	
		For 1-3/4" Mesh Fabric, Add	*3.42*	
		For 2-1/8" Mesh Fabric, Deduct	*-1.71*	
		For 2-3/8" Mesh Fabric, Deduct	*-2.28*	
		For 3/8" Non-Climbable Mesh, Add	*68.00*	
		For Aluminum Coated, Add	*4.56*	
32 31 13 13-0187	LF	7' Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh	24.80	4.99
		For 1-1/4" Mesh Fabric, Add	*3.72*	
		For 13 Gauge Fabric, Deduct	*-5.97*	
		For 11 Gauge Fabric, Deduct	*-3.32*	
		For 6 Gauge Fabric, Add	*10.62*	
		For 1" Mesh Fabric, Add	*9.95*	
		For 1-1/4" Mesh Fabric, Add	*6.64*	
		For 1-3/4" Mesh Fabric, Add	*3.98*	
		For 2-1/8" Mesh Fabric, Deduct	*-1.99*	
		For 2-3/8" Mesh Fabric, Deduct	*-2.65*	
		For 3/8" Non-Climbable Mesh, Add	*78.39*	
		For Aluminum Coated, Add	*5.31*	
32 31 13 13-0188	LF	8' Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh	27.77	6.24
		For 1-1/4" Mesh Fabric, Add	*4.28*	
		For 13 Gauge Fabric, Deduct	*-6.88*	
		For 11 Gauge Fabric, Deduct	*-3.82*	
		For 6 Gauge Fabric, Add	*12.22*	
		For 1" Mesh Fabric, Add	*11.46*	
		For 1-1/4" Mesh Fabric, Add	*7.64*	
		For 1-3/4" Mesh Fabric, Add	*4.58*	
		For 2-1/8" Mesh Fabric, Deduct	*-2.29*	
		For 2-3/8" Mesh Fabric, Deduct	*-3.06*	
		For 3/8" Non-Climbable Mesh, Add	*88.91*	
		For Aluminum Coated, Add	*6.11*	
32 31 13 13-0189	LF	10' Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh	32.80	6.87
		For 1-1/4" Mesh Fabric, Add	*5.33*	
		For 13 Gauge Fabric, Deduct	*-8.56*	
		For 11 Gauge Fabric, Deduct	*-4.76*	
		For 6 Gauge Fabric, Add	*15.22*	
		For 1" Mesh Fabric, Add	*14.27*	
		For 1-1/4" Mesh Fabric, Add	*9.51*	
		For 1-3/4" Mesh Fabric, Add	*5.71*	
		For 2-1/8" Mesh Fabric, Deduct	*-2.85*	
		For 2-3/8" Mesh Fabric, Deduct	*-3.80*	
		For 3/8" Non-Climbable Mesh, Add	*107.48*	
		For Aluminum Coated, Add	*7.61*	
32 31 13 13-0190	LF	12' Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh	35.78	7.49
		For 1-1/4" Mesh Fabric, Add	*5.82*	
		For 13 Gauge Fabric, Deduct	*-9.36*	
		For 11 Gauge Fabric, Deduct	*-5.20*	
		For 6 Gauge Fabric, Add	*16.64*	
		For 1" Mesh Fabric, Add	*15.60*	
		For 1-1/4" Mesh Fabric, Add	*10.40*	
		For 1-3/4" Mesh Fabric, Add	*6.24*	
		For 2-1/8" Mesh Fabric, Deduct	*-3.12*	
		For 2-3/8" Mesh Fabric, Deduct	*-4.16*	
		For 3/8" Non-Climbable Mesh, Add	*116.56*	
		For Aluminum Coated, Add	*8.32*	
32 31 13 13-0191	LF	14' Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh	40.38	8.73
		For 1-1/4" Mesh Fabric, Add	*6.41*	
		For 13 Gauge Fabric, Deduct	*-10.31*	
		For 11 Gauge Fabric, Deduct	*-5.73*	
		For 6 Gauge Fabric, Add	*18.32*	
		For 1" Mesh Fabric, Add	*17.18*	
		For 1-1/4" Mesh Fabric, Add	*11.45*	
		For 1-3/4" Mesh Fabric, Add	*6.87*	
		For 2-1/8" Mesh Fabric, Deduct	*-3.44*	
		For 2-3/8" Mesh Fabric, Deduct	*-4.58*	
		For 3/8" Non-Climbable Mesh, Add	*126.96*	
		For Aluminum Coated, Add	*9.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0192	LF	16' Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh	45.07	9.99
		For 1-1/4" Mesh Fabric, Add	*7.03*	
		For 13 Gauge Fabric, Deduct	*-11.29*	
		For 11 Gauge Fabric, Deduct	*-6.27*	
		For 6 Gauge Fabric, Add	*20.07*	
		For 1" Mesh Fabric, Add	*18.82*	
		For 1-1/4" Mesh Fabric, Add	*12.55*	
		For 1-3/4" Mesh Fabric, Add	*7.53*	
		For 2-1/8" Mesh Fabric, Deduct	*-3.76*	
		For 2-3/8" Mesh Fabric, Deduct	*-5.02*	
		For 3/8" Non-Climbable Mesh, Add	*137.36*	
		For Aluminum Coated, Add	*10.04*	
32 31 13 13-0193		**Fabric, Aluminized Steel Chain Link** *(32 31 13 13-0170)*		
32 31 13 13-0194	LF	3' Full Height Fabric Chain Link #9 Gauge, Aluminized Steel, 2" Mesh	11.49	2.50
		For 6 Gauge Fabric, Add	*2.70*	
		For 1" Mesh Fabric, Add	*3.55*	
32 31 13 13-0195	LF	3'-6" Full Height Fabric Chain Link #9 Gauge, Aluminized Steel, 2" Mesh	12.65	2.81
		For 6 Gauge Fabric, Add	*3.14*	
		For 1" Mesh Fabric, Add	*4.12*	
32 31 13 13-0196	LF	4' Full Height Fabric Chain Link #9 Gauge, Aluminized Steel, 2" Mesh	13.86	3.12
		For 6 Gauge Fabric, Add	*3.59*	
		For 1" Mesh Fabric, Add	*4.71*	
32 31 13 13-0197	LF	5' Full Height Fabric Chain Link #9 Gauge, Aluminized Steel, 2" Mesh	15.60	3.74
		For 6 Gauge Fabric, Add	*4.49*	
		For 1" Mesh Fabric, Add	*5.89*	
32 31 13 13-0198	LF	6' Full Height Fabric Chain Link #9 Gauge, Aluminized Steel, 2" Mesh	17.41	4.37
		For 6 Gauge Fabric, Add	*5.37*	
		For 1" Mesh Fabric, Add	*7.05*	
32 31 13 13-0199	LF	7' Full Height Fabric Chain Link #9 Gauge, Aluminized Steel, 2" Mesh	19.38	4.99
		For 6 Gauge Fabric, Add	*6.28*	
		For 1" Mesh Fabric, Add	*8.24*	
32 31 13 13-0200	LF	8' Full Height Fabric Chain Link #9 Gauge, Aluminized Steel, 2" Mesh	21.45	6.24
		For 6 Gauge Fabric, Add	*7.17*	
		For 1" Mesh Fabric, Add	*9.41*	
32 31 13 13-0201	LF	10' Full Height Fabric Chain Link #9 Gauge, Aluminized Steel, 2" Mesh	24.98	6.87
		For 6 Gauge Fabric, Add	*8.96*	
		For 1" Mesh Fabric, Add	*11.76*	
32 31 13 13-0202	LF	12' Full Height Fabric Chain Link #9 Gauge, Aluminized Steel, 2" Mesh	28.42	7.49
		For 6 Gauge Fabric, Add	*10.75*	
		For 1" Mesh Fabric, Add	*14.11*	
32 31 13 13-0203		**Fabric, All Aluminum Chain Link** *(32 31 13 13-0170)*		
32 31 13 13-0204	LF	3' Full Height Fabric Chain Link #9 Gauge, All Aluminum, 2" Mesh	16.94	2.50
		For 6 Gauge Fabric, Add	*7.06*	
		For 1" Mesh Fabric, Add	*9.27*	
32 31 13 13-0205	LF	3'-6" Full Height Fabric Chain Link #9 Gauge, All Aluminum, 2" Mesh	19.03	2.81
		For 6 Gauge Fabric, Add	*8.24*	
		For 1" Mesh Fabric, Add	*10.82*	
32 31 13 13-0206	LF	4' Full Height Fabric Chain Link #9 Gauge, All Aluminum, 2" Mesh	21.14	3.12
		For 6 Gauge Fabric, Add	*9.42*	
		For 1" Mesh Fabric, Add	*12.36*	
32 31 13 13-0207	LF	5' Full Height Fabric Chain Link #9 Gauge, All Aluminum, 2" Mesh	24.70	3.74
		For 6 Gauge Fabric, Add	*11.77*	
		For 1" Mesh Fabric, Add	*15.45*	
32 31 13 13-0208	LF	6' Full Height Fabric Chain Link #9 Gauge, All Aluminum, 2" Mesh	28.36	4.37
		For 6 Gauge Fabric, Add	*14.13*	
		For 1" Mesh Fabric, Add	*18.54*	
32 31 13 13-0209	LF	7' Full Height Fabric Chain Link #9 Gauge, All Aluminum, 2" Mesh	32.13	4.99
		For 6 Gauge Fabric, Add	*16.48*	
		For 1" Mesh Fabric, Add	*21.63*	
32 31 13 13-0210	LF	8' Full Height Fabric Chain Link #9 Gauge, All Aluminum, 2" Mesh	36.03	6.24
		For 6 Gauge Fabric, Add	*18.83*	
		For 1" Mesh Fabric, Add	*24.72*	
32 31 13 13-0211	LF	10' Full Height Fabric Chain Link #9 Gauge, All Aluminum, 2" Mesh	43.21	6.87
		For 6 Gauge Fabric, Add	*23.54*	
		For 1" Mesh Fabric, Add	*30.90*	
32 31 13 13-0212	LF	12' Full Height Fabric Chain Link #9 Gauge, All Aluminum, 2" Mesh	50.29	7.49
		For 6 Gauge Fabric, Add	*28.25*	
		For 1" Mesh Fabric, Add	*37.08*	
32 31 13 13-0213		**Fence Inserts** *(32 31 13 13-0170)*		
		Note: For use with new or existing chain link fence, per lf of fence.		
32 31 13 13-0214		**Vinyl Plastic Fence Inserts** *(32 31 13 13-0213)*		
		Note: Assorted colors.		
32 31 13 13-0215	LF	3' High Fence, Vinyl Plastic Fence Insert	10.36	
32 31 13 13-0216	LF	3-1/2' High Fence, Vinyl Plastic Fence Insert	11.85	
32 31 13 13-0217	LF	4' High Fence, Vinyl Plastic Fence Insert	13.06	
32 31 13 13-0218	LF	5' High Fence, Vinyl Plastic Fence Insert	16.38	
32 31 13 13-0219	LF	6' High Fence, Vinyl Plastic Fence Insert	19.60	
32 31 13 13-0220	LF	7' High Fence, Vinyl Plastic Fence Insert	22.92	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0221	LF	8' High Fence, Vinyl Plastic Fence Insert	26.13	
32 31 13 13-0222	LF	10' High Fence, Vinyl Plastic Fence Insert	31.51	
32 31 13 13-0223		**Aluminum Fence Inserts** *(32 31 13 13-0213)*		
		Note: Assorted colors.		
32 31 13 13-0224	LF	3' High Fence, Aluminum Fence Insert	34.86	
32 31 13 13-0225	LF	3-1/2' High Fence, Aluminum Fence Insert	38.27	
32 31 13 13-0226	LF	4' High Fence, Aluminum Fence Insert	43.60	
32 31 13 13-0227	LF	5' High Fence, Aluminum Fence Insert	54.57	
32 31 13 13-0228	LF	6' High Fence, Aluminum Fence Insert	65.48	
32 31 13 13-0229	LF	7' High Fence, Aluminum Fence Insert	71.29	
32 31 13 13-0230	LF	8' High Fence, Aluminum Fence Insert	87.28	
32 31 13 13-0231	LF	10' High Fence, Aluminum Fence Insert	108.42	
32 31 13 13-0232		**Redwood Fence Inserts** *(32 31 13 13-0213)*		
32 31 13 13-0233	LF	4' High Fence, Redwood Fence Insert	15.42	
32 31 13 13-0234	LF	5' High Fence, Redwood Fence Insert	19.52	
32 31 13 13-0235	LF	6' High Fence, Redwood Fence Insert	23.45	
32 31 13 13-0236	LF	7' High Fence, Redwood Fence Insert	27.29	
32 31 13 13-0237	LF	8' High Fence, Redwood Fence Insert	31.22	
32 31 13 13-0238		**Diagonal Flexible Polyethylene Inserts** *(32 31 13 13-0213)*		
32 31 13 13-0239	SF	Diagonal Polyethylene Fence Weave	4.14	
32 31 13 13-0240		**Hedge Link Fence Inserts** *(32 31 13 13-0213)*		
32 31 13 13-0241	LF	3' High Fence, Hedge Link Fence Insert	21.75	
32 31 13 13-0242	LF	3-1/2' High Fence, Hedge Link Fence Insert	24.77	
32 31 13 13-0243	LF	4' High Fence, Hedge Link Fence Insert	29.12	
32 31 13 13-0244	LF	5' High Fence, Hedge Link Fence Insert	35.95	
32 31 13 13-0245	LF	6' High Fence, Hedge Link Fence Insert	41.22	
32 31 13 13-0246	LF	7' High Fence, Hedge Link Fence Insert	51.87	
32 31 13 13-0247	LF	8' High Fence, Hedge Link Fence Insert	58.92	
32 31 13 13-0248	LF	10' High Fence, Hedge Link Fence Insert	70.32	
32 31 13 13-0249	LF	12' High Fence, Hedge Link Fence Insert	80.64	
32 31 13 13-0250		**Fence Windscreen Fabric** *(32 31 13 13-0170)*		
		Note: Includes plastic wire clips.		
32 31 13 13-0251	SF	Vinyl Coated Polyester Windscreen For Fence, 7 Oz Per SY	1.43	0.67
		For Sewn Boxed Vent (Each), Add	*28.17*	
		For Welded Boxed Vent (Each), Add	*14.09*	
		For 4' x 4' One Color Logo (Each), Add	*586.95*	
32 31 13 13-0252		**Gates** *(32 31 13 13)*		
		Note: Posts exclude drilling or augering in soil or rock. For barbed wire attached directly to posts and gates, select gates and posts sizes for full finished height of gate above grade (top rail to be at lower height, includes barb wire at top area where mesh would be). See CSI section 08 78 00 00-0001 for padlocks, 08 78 00 00-0002 for padlocks, 32 31 13 13-0001 for drilling for augering holes and backfill.		
32 31 13 13-0253		**Galvanized Steel Without Barbed Wire** *(32 31 13 13-0252)*		
		Note: Industrial swing gate. Includes posts (3" diameter posts for up to 6' wide gate, 4" diameter for > 6' To 12' wide, 6-5/8" diameter for >12' To 18' wide, 8-5/8" diameter for over 18' wide), 2" diameter schedule pipe frame, offset hinges, cap and hardware (drop rod, center locking device, gate keeper, catch bolt and tension bands). Fabric: galvanized chain link 2" mesh # 9 gauge, galvanized 1.2 ounce coating.		
32 31 13 13-0254		**4' Fence Height** *(32 31 13 13-0253)*		
32 31 13 13-0255	EA	3' Wide x 4' High Single Gate Galvanized Steel Without Barbed Wire	373.85	27.87
		For Gate With Single Barb Wire Arm, Add	*31.54*	
		For Gate With Double Barb Wire Arm, Add	*45.88*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-53.77*	
		For Aluminized Steel Gate And Post, Add	*137.64*	
		For Powder Coated Gate And Post, Add	*74.56*	
		For 1" Mesh Fabric, Add	*124.74*	
		For 1-1/4" Mesh Fabric, Add	*80.29*	
		For 1-3/4" Mesh Fabric, Add	*49.89*	
		For 2-1/8" Mesh Fabric, Deduct	*-24.95*	
32 31 13 13-0256	EA	4' Wide x 4' High Single Gate Galvanized Steel Without Barbed Wire	469.43	29.03
		For Gate With Single Barb Wire Arm, Add	*42.06*	
		For Gate With Double Barb Wire Arm, Add	*61.17*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-71.69*	
		For Aluminized Steel Gate And Post, Add	*183.52*	
		For Powder Coated Gate And Post, Add	*99.41*	
		For 1" Mesh Fabric, Add	*166.31*	
		For 1-1/4" Mesh Fabric, Add	*107.05*	
		For 1-3/4" Mesh Fabric, Add	*66.53*	
		For 2-1/8" Mesh Fabric, Deduct	*-33.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0257	EA	5' Wide x 4' High Single Gate Galvanized Steel Without Barbed Wire	554.50	30.89
		For Gate With Single Barb Wire Arm, Add	*50.78*	
		For Gate With Double Barb Wire Arm, Add	*73.86*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-86.55*	
		For Aluminized Steel Gate And Post, Add	*221.57*	
		For Powder Coated Gate And Post, Add	*120.02*	
		For 1" Mesh Fabric, Add	*200.80*	
		For 1-1/4" Mesh Fabric, Add	*129.25*	
		For 1-3/4" Mesh Fabric, Add	*80.32*	
		For 2-1/8" Mesh Fabric, Deduct	*-40.16*	
32 31 13 13-0258	EA	6' Wide x 4' High Single Gate Galvanized Steel Without Barbed Wire	652.36	37.16
		For Gate With Single Barb Wire Arm, Add	*59.49*	
		For Gate With Double Barb Wire Arm, Add	*86.54*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-101.41*	
		For Aluminized Steel Gate And Post, Add	*259.61*	
		For Powder Coated Gate And Post, Add	*140.62*	
		For 1" Mesh Fabric, Add	*235.27*	
		For 1-1/4" Mesh Fabric, Add	*151.44*	
		For 1-3/4" Mesh Fabric, Add	*94.11*	
		For 2-1/8" Mesh Fabric, Deduct	*-47.05*	
32 31 13 13-0259	EA	7' Wide x 4' High Single Gate Galvanized Steel Without Barbed Wire	750.20	43.32
		For Gate With Single Barb Wire Arm, Add	*68.21*	
		For Gate With Double Barb Wire Arm, Add	*99.22*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-116.27*	
		For Aluminized Steel Gate And Post, Add	*297.66*	
		For Powder Coated Gate And Post, Add	*161.23*	
		For 1" Mesh Fabric, Add	*269.76*	
		For 1-1/4" Mesh Fabric, Add	*173.64*	
		For 1-3/4" Mesh Fabric, Add	*107.90*	
		For 2-1/8" Mesh Fabric, Deduct	*-53.95*	
32 31 13 13-0260	EA	8' Wide x 4' High Single Gate Galvanized Steel Without Barbed Wire	851.29	49.47
		For Gate With Single Barb Wire Arm, Add	*77.29*	
		For Gate With Double Barb Wire Arm, Add	*112.42*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-131.75*	
		For Aluminized Steel Gate And Post, Add	*337.27*	
		For Powder Coated Gate And Post, Add	*182.69*	
		For 1" Mesh Fabric, Add	*305.65*	
		For 1-1/4" Mesh Fabric, Add	*196.74*	
		For 1-3/4" Mesh Fabric, Add	*122.26*	
		For 2-1/8" Mesh Fabric, Deduct	*-61.13*	
32 31 13 13-0261	EA	9' Wide x 4' High Single Gate Galvanized Steel Without Barbed Wire	949.14	55.74
		For Gate With Single Barb Wire Arm, Add	*86.01*	
		For Gate With Double Barb Wire Arm, Add	*125.11*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-146.61*	
		For Aluminized Steel Gate And Post, Add	*375.32*	
		For Powder Coated Gate And Post, Add	*203.30*	
		For 1" Mesh Fabric, Add	*340.14*	
		For 1-1/4" Mesh Fabric, Add	*218.94*	
		For 1-3/4" Mesh Fabric, Add	*136.05*	
		For 2-1/8" Mesh Fabric, Deduct	*-68.03*	
32 31 13 13-0262	EA	10' Wide x 4' High Single Gate Galvanized Steel Without Barbed Wire	1,048.37	61.89
		For Gate With Single Barb Wire Arm, Add	*94.88*	
		For Gate With Double Barb Wire Arm, Add	*138.01*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-161.73*	
		For Aluminized Steel Gate And Post, Add	*414.04*	
		For Powder Coated Gate And Post, Add	*224.27*	
		For 1" Mesh Fabric, Add	*375.22*	
		For 1-1/4" Mesh Fabric, Add	*241.52*	
		For 1-3/4" Mesh Fabric, Add	*150.09*	
		For 2-1/8" Mesh Fabric, Deduct	*-75.04*	
32 31 13 13-0263	EA	10' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire	1,332.80	61.89
		For Gate With Single Barb Wire Arm, Add	*126.17*	
		For Gate With Double Barb Wire Arm, Add	*183.52*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-215.06*	
		For Aluminized Steel Gate And Post, Add	*550.56*	
		For Powder Coated Gate And Post, Add	*298.22*	
		For 1" Mesh Fabric, Add	*498.95*	
		For 1-1/4" Mesh Fabric, Add	*321.16*	
		For 1-3/4" Mesh Fabric, Add	*199.58*	
		For 2-1/8" Mesh Fabric, Deduct	*-99.79*	
32 31 13 13-0264	EA	12' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire	1,575.47	66.31
		For Gate With Single Barb Wire Arm, Add	*151.40*	
		For Gate With Double Barb Wire Arm, Add	*220.22*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-258.08*	
		For Aluminized Steel Gate And Post, Add	*660.67*	
		For Powder Coated Gate And Post, Add	*357.86*	
		For 1" Mesh Fabric, Add	*598.73*	
		For 1-1/4" Mesh Fabric, Add	*385.39*	
		For 1-3/4" Mesh Fabric, Add	*239.49*	
		For 2-1/8" Mesh Fabric, Deduct	*-119.75*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0265	EA	14' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire	1,820.18	71.41
		For Gate With Single Barb Wire Arm, Add	*176.64*	
		For Gate With Double Barb Wire Arm, Add	*256.93*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-301.09*	
		For Aluminized Steel Gate And Post, Add	*770.78*	
		For Powder Coated Gate And Post, Add	*417.51*	
		For 1" Mesh Fabric, Add	*698.52*	
		For 1-1/4" Mesh Fabric, Add	*449.62*	
		For 1-3/4" Mesh Fabric, Add	*279.41*	
		For 2-1/8" Mesh Fabric, Deduct	*-139.70*	
32 31 13 13-0266	EA	16' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire	2,067.45	77.34
		For Gate With Single Barb Wire Arm, Add	*201.87*	
		For Gate With Double Barb Wire Arm, Add	*293.63*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-344.10*	
		For Aluminized Steel Gate And Post, Add	*880.90*	
		For Powder Coated Gate And Post, Add	*477.15*	
		For 1" Mesh Fabric, Add	*798.31*	
		For 1-1/4" Mesh Fabric, Add	*513.86*	
		For 1-3/4" Mesh Fabric, Add	*319.32*	
		For 2-1/8" Mesh Fabric, Deduct	*-159.66*	
32 31 13 13-0267	EA	18' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire	2,343.20	92.72
		For Gate With Single Barb Wire Arm, Add	*227.11*	
		For Gate With Double Barb Wire Arm, Add	*330.34*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-387.11*	
		For Aluminized Steel Gate And Post, Add	*991.01*	
		For Powder Coated Gate And Post, Add	*536.80*	
		For 1" Mesh Fabric, Add	*898.10*	
		For 1-1/4" Mesh Fabric, Add	*578.09*	
		For 1-3/4" Mesh Fabric, Add	*359.24*	
		For 2-1/8" Mesh Fabric, Deduct	*-179.62*	
32 31 13 13-0268	EA	20' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire	2,592.50	99.38
		For Gate With Single Barb Wire Arm, Add	*252.34*	
		For Gate With Double Barb Wire Arm, Add	*367.04*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-430.13*	
		For Aluminized Steel Gate And Post, Add	*1,101.12*	
		For Powder Coated Gate And Post, Add	*596.44*	
		For 1" Mesh Fabric, Add	*997.89*	
		For 1-1/4" Mesh Fabric, Add	*642.32*	
		For 1-3/4" Mesh Fabric, Add	*399.16*	
		For 2-1/8" Mesh Fabric, Deduct	*-199.58*	
32 31 13 13-0269	EA	22' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire	2,839.26	107.09
		For Gate With Single Barb Wire Arm, Add	*276.96*	
		For Gate With Double Barb Wire Arm, Add	*402.85*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-472.09*	
		For Aluminized Steel Gate And Post, Add	*1,208.54*	
		For Powder Coated Gate And Post, Add	*654.63*	
		For 1" Mesh Fabric, Add	*1,095.24*	
		For 1-1/4" Mesh Fabric, Add	*704.98*	
		For 1-3/4" Mesh Fabric, Add	*438.10*	
		For 2-1/8" Mesh Fabric, Deduct	*-219.05*	
32 31 13 13-0270	EA	24' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire	3,089.86	115.97
		For Gate With Single Barb Wire Arm, Add	*301.58*	
		For Gate With Double Barb Wire Arm, Add	*438.66*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-514.05*	
		For Aluminized Steel Gate And Post, Add	*1,315.97*	
		For Powder Coated Gate And Post, Add	*712.82*	
		For 1" Mesh Fabric, Add	*1,192.60*	
		For 1-1/4" Mesh Fabric, Add	*767.65*	
		For 1-3/4" Mesh Fabric, Add	*477.04*	
		For 2-1/8" Mesh Fabric, Deduct	*-238.52*	
32 31 13 13-0271	EA	26' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire	3,345.31	126.55
		For Gate With Single Barb Wire Arm, Add	*326.20*	
		For Gate With Double Barb Wire Arm, Add	*474.47*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-556.01*	
		For Aluminized Steel Gate And Post, Add	*1,423.40*	
		For Powder Coated Gate And Post, Add	*771.01*	
		For 1" Mesh Fabric, Add	*1,289.95*	
		For 1-1/4" Mesh Fabric, Add	*830.31*	
		For 1-3/4" Mesh Fabric, Add	*515.98*	
		For 2-1/8" Mesh Fabric, Deduct	*-257.99*	
32 31 13 13-0272	EA	28' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire	3,523.18	139.21
		For Gate With Single Barb Wire Arm, Add	*341.58*	
		For Gate With Double Barb Wire Arm, Add	*496.85*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-582.24*	
		For Aluminized Steel Gate And Post, Add	*1,490.54*	
		For Powder Coated Gate And Post, Add	*807.38*	
		For 1" Mesh Fabric, Add	*1,350.80*	
		For 1-1/4" Mesh Fabric, Add	*869.48*	
		For 1-3/4" Mesh Fabric, Add	*540.32*	
		For 2-1/8" Mesh Fabric, Deduct	*-270.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0273	EA	30' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire	3,905.33	154.62
		For Gate With Single Barb Wire Arm, Add	*378.51*	
		For Gate With Double Barb Wire Arm, Add	*550.56*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-645.19*	
		For Aluminized Steel Gate And Post, Add	*1,651.68*	
		For Powder Coated Gate And Post, Add	*894.66*	
		For 1" Mesh Fabric, Add	*1,496.84*	
		For 1-1/4" Mesh Fabric, Add	*963.48*	
		For 1-3/4" Mesh Fabric, Add	*598.73*	
		For 2-1/8" Mesh Fabric, Deduct	*-299.37*	
32 31 13 13-0274		**5' Fence Height** *(32 31 13 13-0253)*		
32 31 13 13-0275	EA	3' Wide x 5' High Single Gate Galvanized Steel Without Barbed Wire	447.26	30.89
		For Gate With Single Barb Wire Arm, Add	*38.98*	
		For Gate With Double Barb Wire Arm, Add	*56.70*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-66.44*	
		For Aluminized Steel Gate And Post, Add	*170.09*	
		For Powder Coated Gate And Post, Add	*92.13*	
		For 1" Mesh Fabric, Add	*154.15*	
		For 1-1/4" Mesh Fabric, Add	*99.22*	
		For 1-3/4" Mesh Fabric, Add	*61.66*	
		For 2-1/8" Mesh Fabric, Deduct	*-30.83*	
32 31 13 13-0276	EA	4' Wide x 5' High Single Gate Galvanized Steel Without Barbed Wire	563.82	30.89
		For Gate With Single Barb Wire Arm, Add	*51.80*	
		For Gate With Double Barb Wire Arm, Add	*75.35*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-88.30*	
		For Aluminized Steel Gate And Post, Add	*226.04*	
		For Powder Coated Gate And Post, Add	*122.44*	
		For 1" Mesh Fabric, Add	*204.85*	
		For 1-1/4" Mesh Fabric, Add	*131.86*	
		For 1-3/4" Mesh Fabric, Add	*81.94*	
		For 2-1/8" Mesh Fabric, Deduct	*-40.97*	
32 31 13 13-0277	EA	5' Wide x 5' High Single Gate Galvanized Steel Without Barbed Wire	658.24	32.86
		For Gate With Single Barb Wire Arm, Add	*61.55*	
		For Gate With Double Barb Wire Arm, Add	*89.52*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-104.91*	
		For Aluminized Steel Gate And Post, Add	*268.56*	
		For Powder Coated Gate And Post, Add	*145.47*	
		For 1" Mesh Fabric, Add	*243.39*	
		For 1-1/4" Mesh Fabric, Add	*156.66*	
		For 1-3/4" Mesh Fabric, Add	*97.35*	
		For 2-1/8" Mesh Fabric, Deduct	*-48.68*	
32 31 13 13-0278	EA	6' Wide x 5' High Single Gate Galvanized Steel Without Barbed Wire	771.22	39.48
		For Gate With Single Barb Wire Arm, Add	*71.80*	
		For Gate With Double Barb Wire Arm, Add	*104.44*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-122.39*	
		For Aluminized Steel Gate And Post, Add	*313.32*	
		For Powder Coated Gate And Post, Add	*169.72*	
		For 1" Mesh Fabric, Add	*283.95*	
		For 1-1/4" Mesh Fabric, Add	*182.77*	
		For 1-3/4" Mesh Fabric, Add	*113.58*	
		For 2-1/8" Mesh Fabric, Deduct	*-56.79*	
32 31 13 13-0279	EA	7' Wide x 5' High Single Gate Galvanized Steel Without Barbed Wire	874.88	45.99
		For Gate With Single Barb Wire Arm, Add	*81.04*	
		For Gate With Double Barb Wire Arm, Add	*117.87*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-138.13*	
		For Aluminized Steel Gate And Post, Add	*353.61*	
		For Powder Coated Gate And Post, Add	*191.54*	
		For 1" Mesh Fabric, Add	*320.46*	
		For 1-1/4" Mesh Fabric, Add	*206.27*	
		For 1-3/4" Mesh Fabric, Add	*128.18*	
		For 2-1/8" Mesh Fabric, Deduct	*-64.09*	
32 31 13 13-0280	EA	8' Wide x 5' High Single Gate Galvanized Steel Without Barbed Wire	989.03	52.96
		For Gate With Single Barb Wire Arm, Add	*91.29*	
		For Gate With Double Barb Wire Arm, Add	*132.79*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-155.61*	
		For Aluminized Steel Gate And Post, Add	*398.37*	
		For Powder Coated Gate And Post, Add	*215.78*	
		For 1" Mesh Fabric, Add	*361.02*	
		For 1-1/4" Mesh Fabric, Add	*232.38*	
		For 1-3/4" Mesh Fabric, Add	*144.41*	
		For 2-1/8" Mesh Fabric, Deduct	*-72.20*	
32 31 13 13-0281	EA	9' Wide x 5' High Single Gate Galvanized Steel Without Barbed Wire	1,097.36	59.57
		For Gate With Single Barb Wire Arm, Add	*101.04*	
		For Gate With Double Barb Wire Arm, Add	*146.96*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-172.22*	
		For Aluminized Steel Gate And Post, Add	*440.89*	
		For Powder Coated Gate And Post, Add	*238.82*	
		For 1" Mesh Fabric, Add	*399.56*	
		For 1-1/4" Mesh Fabric, Add	*257.19*	
		For 1-3/4" Mesh Fabric, Add	*159.82*	
		For 2-1/8" Mesh Fabric, Deduct	*-79.91*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0282	EA	10' Wide x 5' High Single Gate Galvanized Steel Without Barbed Wire	1,205.69	66.07
		For Gate With Single Barb Wire Arm, Add	*110.78*	
		For Gate With Double Barb Wire Arm, Add	*161.14*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-188.84*	
		For Aluminized Steel Gate And Post, Add	*483.42*	
		For Powder Coated Gate And Post, Add	*261.85*	
		For 1" Mesh Fabric, Add	*438.10*	
		For 1-1/4" Mesh Fabric, Add	*281.99*	
		For 1-3/4" Mesh Fabric, Add	*175.24*	
		For 2-1/8" Mesh Fabric, Deduct	*-87.62*	
32 31 13 13-0283	EA	10' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire	1,620.23	66.31
		For Gate With Single Barb Wire Arm, Add	*156.33*	
		For Gate With Double Barb Wire Arm, Add	*227.39*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-266.47*	
		For Aluminized Steel Gate And Post, Add	*682.16*	
		For Powder Coated Gate And Post, Add	*369.50*	
		For 1" Mesh Fabric, Add	*618.20*	
		For 1-1/4" Mesh Fabric, Add	*397.92*	
		For 1-3/4" Mesh Fabric, Add	*247.28*	
		For 2-1/8" Mesh Fabric, Deduct	*-123.64*	
32 31 13 13-0284	EA	12' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire	1,920.89	71.41
		For Gate With Single Barb Wire Arm, Add	*187.72*	
		For Gate With Double Barb Wire Arm, Add	*273.04*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-319.97*	
		For Aluminized Steel Gate And Post, Add	*819.12*	
		For Powder Coated Gate And Post, Add	*443.69*	
		For 1" Mesh Fabric, Add	*742.33*	
		For 1-1/4" Mesh Fabric, Add	*477.82*	
		For 1-3/4" Mesh Fabric, Add	*296.93*	
		For 2-1/8" Mesh Fabric, Deduct	*-148.47*	
32 31 13 13-0285	EA	14' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire	2,224.11	77.34
		For Gate With Single Barb Wire Arm, Add	*219.10*	
		For Gate With Double Barb Wire Arm, Add	*318.70*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-373.47*	
		For Aluminized Steel Gate And Post, Add	*956.09*	
		For Powder Coated Gate And Post, Add	*517.88*	
		For 1" Mesh Fabric, Add	*866.46*	
		For 1-1/4" Mesh Fabric, Add	*557.72*	
		For 1-3/4" Mesh Fabric, Add	*346.58*	
		For 2-1/8" Mesh Fabric, Deduct	*-173.29*	
32 31 13 13-0286	EA	16' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire	2,555.81	92.72
		For Gate With Single Barb Wire Arm, Add	*250.49*	
		For Gate With Double Barb Wire Arm, Add	*364.35*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-426.98*	
		For Aluminized Steel Gate And Post, Add	*1,093.06*	
		For Powder Coated Gate And Post, Add	*592.07*	
		For 1" Mesh Fabric, Add	*990.59*	
		For 1-1/4" Mesh Fabric, Add	*637.62*	
		For 1-3/4" Mesh Fabric, Add	*396.23*	
		For 2-1/8" Mesh Fabric, Deduct	*-198.12*	
32 31 13 13-0287	EA	18' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire	2,855.47	99.38
		For Gate With Single Barb Wire Arm, Add	*281.27*	
		For Gate With Double Barb Wire Arm, Add	*409.12*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-479.43*	
		For Aluminized Steel Gate And Post, Add	*1,227.35*	
		For Powder Coated Gate And Post, Add	*664.81*	
		For 1" Mesh Fabric, Add	*1,112.28*	
		For 1-1/4" Mesh Fabric, Add	*715.95*	
		For 1-3/4" Mesh Fabric, Add	*444.91*	
		For 2-1/8" Mesh Fabric, Deduct	*-222.46*	
32 31 13 13-0288	EA	20' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire	3,169.38	107.09
		For Gate With Single Barb Wire Arm, Add	*313.27*	
		For Gate With Double Barb Wire Arm, Add	*455.67*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-533.99*	
		For Aluminized Steel Gate And Post, Add	*1,367.00*	
		For Powder Coated Gate And Post, Add	*740.46*	
		For 1" Mesh Fabric, Add	*1,238.85*	
		For 1-1/4" Mesh Fabric, Add	*797.42*	
		For 1-3/4" Mesh Fabric, Add	*495.54*	
		For 2-1/8" Mesh Fabric, Deduct	*-247.77*	
32 31 13 13-0289	EA	22' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire	3,481.52	115.97
		For Gate With Single Barb Wire Arm, Add	*344.66*	
		For Gate With Double Barb Wire Arm, Add	*501.32*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-587.49*	
		For Aluminized Steel Gate And Post, Add	*1,503.97*	
		For Powder Coated Gate And Post, Add	*814.65*	
		For 1" Mesh Fabric, Add	*1,362.97*	
		For 1-1/4" Mesh Fabric, Add	*877.32*	
		For 1-3/4" Mesh Fabric, Add	*545.19*	
		For 2-1/8" Mesh Fabric, Deduct	*-272.59*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0290	EA	24' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire	3,792.92	126.55
		For Gate With Single Barb Wire Arm, Add	*375.43*	
		For Gate With Double Barb Wire Arm, Add	*546.08*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-639.94*	
		For Aluminized Steel Gate And Post, Add	*1,638.25*	
		For Powder Coated Gate And Post, Add	*887.39*	
		For 1" Mesh Fabric, Add	*1,484.66*	
		For 1-1/4" Mesh Fabric, Add	*955.65*	
		For 1-3/4" Mesh Fabric, Add	*593.87*	
		For 2-1/8" Mesh Fabric, Deduct	*-296.93*	
32 31 13 13-0291	EA	26' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire	4,121.86	139.21
		For Gate With Single Barb Wire Arm, Add	*407.44*	
		For Gate With Double Barb Wire Arm, Add	*592.64*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-694.49*	
		For Aluminized Steel Gate And Post, Add	*1,777.91*	
		For Powder Coated Gate And Post, Add	*963.03*	
		For 1" Mesh Fabric, Add	*1,611.23*	
		For 1-1/4" Mesh Fabric, Add	*1,037.11*	
		For 1-3/4" Mesh Fabric, Add	*644.49*	
		For 2-1/8" Mesh Fabric, Deduct	*-322.25*	
32 31 13 13-0292	EA	28' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire	4,450.13	154.62
		For Gate With Single Barb Wire Arm, Add	*438.44*	
		For Gate With Double Barb Wire Arm, Add	*637.73*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-747.34*	
		For Aluminized Steel Gate And Post, Add	*1,913.18*	
		For Powder Coated Gate And Post, Add	*1,036.31*	
		For 1" Mesh Fabric, Add	*1,733.82*	
		For 1-1/4" Mesh Fabric, Add	*1,116.02*	
		For 1-3/4" Mesh Fabric, Add	*693.53*	
		For 2-1/8" Mesh Fabric, Deduct	*-346.76*	
32 31 13 13-0293	EA	30' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire	4,785.85	173.95
		For Gate With Single Barb Wire Arm, Add	*468.98*	
		For Gate With Double Barb Wire Arm, Add	*682.16*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-799.40*	
		For Aluminized Steel Gate And Post, Add	*2,046.47*	
		For Powder Coated Gate And Post, Add	*1,108.50*	
		For 1" Mesh Fabric, Add	*1,854.61*	
		For 1-1/4" Mesh Fabric, Add	*1,193.77*	
		For 1-3/4" Mesh Fabric, Add	*741.85*	
		For 2-1/8" Mesh Fabric, Deduct	*-370.92*	

32 31 13 13-0294 6' Fence Height *(32 31 13 13-0253)*

32 31 13 13-0295	EA	3' Wide x 6' High Single Gate Galvanized Steel Without Barbed Wire	479.54	33.10
		For Gate With Single Barb Wire Arm, Add	*41.80*	
		For Gate With Double Barb Wire Arm, Add	*60.80*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-71.25*	
		For Aluminized Steel Gate And Post, Add	*182.40*	
		For Powder Coated Gate And Post, Add	*98.80*	
		For 1" Mesh Fabric, Add	*165.30*	
		For 1-1/4" Mesh Fabric, Add	*106.40*	
		For 1-3/4" Mesh Fabric, Add	*66.12*	
		For 2-1/8" Mesh Fabric, Deduct	*-33.06*	
32 31 13 13-0296	EA	4' Wide x 6' High Single Gate Galvanized Steel Without Barbed Wire	605.43	33.10
		For Gate With Single Barb Wire Arm, Add	*55.65*	
		For Gate With Double Barb Wire Arm, Add	*80.94*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-94.85*	
		For Aluminized Steel Gate And Post, Add	*242.83*	
		For Powder Coated Gate And Post, Add	*131.53*	
		For 1" Mesh Fabric, Add	*220.06*	
		For 1-1/4" Mesh Fabric, Add	*141.65*	
		For 1-3/4" Mesh Fabric, Add	*88.02*	
		For 2-1/8" Mesh Fabric, Deduct	*-44.01*	
32 31 13 13-0297	EA	5' Wide x 6' High Single Gate Galvanized Steel Without Barbed Wire	707.85	35.18
		For Gate With Single Barb Wire Arm, Add	*66.24*	
		For Gate With Double Barb Wire Arm, Add	*96.35*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-112.91*	
		For Aluminized Steel Gate And Post, Add	*289.04*	
		For Powder Coated Gate And Post, Add	*156.56*	
		For 1" Mesh Fabric, Add	*261.94*	
		For 1-1/4" Mesh Fabric, Add	*168.61*	
		For 1-3/4" Mesh Fabric, Add	*104.78*	
		For 2-1/8" Mesh Fabric, Deduct	*-52.39*	
32 31 13 13-0298	EA	6' Wide x 6' High Single Gate Galvanized Steel Without Barbed Wire	822.46	42.50
		For Gate With Single Barb Wire Arm, Add	*76.42*	
		For Gate With Double Barb Wire Arm, Add	*111.16*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-130.26*	
		For Aluminized Steel Gate And Post, Add	*333.47*	
		For Powder Coated Gate And Post, Add	*180.63*	
		For 1" Mesh Fabric, Add	*302.21*	
		For 1-1/4" Mesh Fabric, Add	*194.52*	
		For 1-3/4" Mesh Fabric, Add	*120.88*	
		For 2-1/8" Mesh Fabric, Deduct	*-60.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0299	EA	7' Wide x 6' High Single Gate Galvanized Steel Without Barbed Wire	942.43	49.93
		For Gate With Single Barb Wire Arm, Add	*87.19*	
		For Gate With Double Barb Wire Arm, Add	*126.82*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-148.62*	
		For Aluminized Steel Gate And Post, Add	*380.47*	
		For Powder Coated Gate And Post, Add	*206.09*	
		For 1" Mesh Fabric, Add	*344.80*	
		For 1-1/4" Mesh Fabric, Add	*221.94*	
		For 1-3/4" Mesh Fabric, Add	*137.92*	
		For 2-1/8" Mesh Fabric, Deduct	*-68.96*	
32 31 13 13-0300	EA	8' Wide x 6' High Single Gate Galvanized Steel Without Barbed Wire	1,056.59	56.90
		For Gate With Single Barb Wire Arm, Add	*97.45*	
		For Gate With Double Barb Wire Arm, Add	*141.74*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-166.10*	
		For Aluminized Steel Gate And Post, Add	*425.23*	
		For Powder Coated Gate And Post, Add	*230.33*	
		For 1" Mesh Fabric, Add	*385.36*	
		For 1-1/4" Mesh Fabric, Add	*248.05*	
		For 1-3/4" Mesh Fabric, Add	*154.14*	
		For 2-1/8" Mesh Fabric, Deduct	*-77.07*	
32 31 13 13-0301	EA	9' Wide x 6' High Single Gate Galvanized Steel Without Barbed Wire	1,171.92	64.21
		For Gate With Single Barb Wire Arm, Add	*107.71*	
		For Gate With Double Barb Wire Arm, Add	*156.66*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-183.59*	
		For Aluminized Steel Gate And Post, Add	*469.99*	
		For Powder Coated Gate And Post, Add	*254.58*	
		For 1" Mesh Fabric, Add	*425.93*	
		For 1-1/4" Mesh Fabric, Add	*274.16*	
		For 1-3/4" Mesh Fabric, Add	*170.37*	
		For 2-1/8" Mesh Fabric, Deduct	*-85.19*	
32 31 13 13-0302	EA	10' Wide x 6' High Single Gate Galvanized Steel Without Barbed Wire	1,245.25	71.53
		For Gate With Single Barb Wire Arm, Add	*113.35*	
		For Gate With Double Barb Wire Arm, Add	*164.87*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-193.21*	
		For Aluminized Steel Gate And Post, Add	*494.61*	
		For Powder Coated Gate And Post, Add	*267.91*	
		For 1" Mesh Fabric, Add	*448.24*	
		For 1-1/4" Mesh Fabric, Add	*288.52*	
		For 1-3/4" Mesh Fabric, Add	*179.29*	
		For 2-1/8" Mesh Fabric, Deduct	*-89.65*	
32 31 13 13-0303	EA	10' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire	1,730.66	71.41
		For Gate With Single Barb Wire Arm, Add	*166.79*	
		For Gate With Double Barb Wire Arm, Add	*242.60*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-284.30*	
		For Aluminized Steel Gate And Post, Add	*727.81*	
		For Powder Coated Gate And Post, Add	*394.23*	
		For 1" Mesh Fabric, Add	*659.58*	
		For 1-1/4" Mesh Fabric, Add	*424.56*	
		For 1-3/4" Mesh Fabric, Add	*263.83*	
		For 2-1/8" Mesh Fabric, Deduct	*-131.92*	
32 31 13 13-0304	EA	12' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire	2,050.66	77.34
		For Gate With Single Barb Wire Arm, Add	*200.03*	
		For Gate With Double Barb Wire Arm, Add	*290.95*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-340.95*	
		For Aluminized Steel Gate And Post, Add	*872.84*	
		For Powder Coated Gate And Post, Add	*472.79*	
		For 1" Mesh Fabric, Add	*791.01*	
		For 1-1/4" Mesh Fabric, Add	*509.15*	
		For 1-3/4" Mesh Fabric, Add	*316.40*	
		For 2-1/8" Mesh Fabric, Deduct	*-158.20*	
32 31 13 13-0305	EA	14' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire	2,424.65	99.38
		For Gate With Single Barb Wire Arm, Add	*233.88*	
		For Gate With Double Barb Wire Arm, Add	*340.18*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-398.65*	
		For Aluminized Steel Gate And Post, Add	*1,020.55*	
		For Powder Coated Gate And Post, Add	*552.80*	
		For 1" Mesh Fabric, Add	*924.88*	
		For 1-1/4" Mesh Fabric, Add	*595.32*	
		For 1-3/4" Mesh Fabric, Add	*369.95*	
		For 2-1/8" Mesh Fabric, Deduct	*-184.98*	
32 31 13 13-0306	EA	16' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire	2,749.74	107.09
		For Gate With Single Barb Wire Arm, Add	*267.11*	
		For Gate With Double Barb Wire Arm, Add	*388.52*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-455.30*	
		For Aluminized Steel Gate And Post, Add	*1,165.57*	
		For Powder Coated Gate And Post, Add	*631.35*	
		For 1" Mesh Fabric, Add	*1,056.30*	
		For 1-1/4" Mesh Fabric, Add	*679.92*	
		For 1-3/4" Mesh Fabric, Add	*422.52*	
		For 2-1/8" Mesh Fabric, Deduct	*-211.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0307	EA	18' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire	3,084.26	115.97
		For Gate With Single Barb Wire Arm, Add	*300.96*	
		For Gate With Double Barb Wire Arm, Add	*437.76*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-513.00*	
		For Aluminized Steel Gate And Post, Add	*1,313.28*	
		For Powder Coated Gate And Post, Add	*711.36*	
		For 1" Mesh Fabric, Add	*1,190.16*	
		For 1-1/4" Mesh Fabric, Add	*766.08*	
		For 1-3/4" Mesh Fabric, Add	*476.07*	
		For 2-1/8" Mesh Fabric, Deduct	*-238.03*	
32 31 13 13-0308	EA	20' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire	3,423.65	126.55
		For Gate With Single Barb Wire Arm, Add	*334.81*	
		For Gate With Double Barb Wire Arm, Add	*487.00*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-570.70*	
		For Aluminized Steel Gate And Post, Add	*1,461.00*	
		For Powder Coated Gate And Post, Add	*791.38*	
		For 1" Mesh Fabric, Add	*1,324.03*	
		For 1-1/4" Mesh Fabric, Add	*852.25*	
		For 1-3/4" Mesh Fabric, Add	*529.61*	
		For 2-1/8" Mesh Fabric, Deduct	*-264.81*	
32 31 13 13-0309	EA	22' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire	3,763.77	139.21
		For Gate With Single Barb Wire Arm, Add	*368.05*	
		For Gate With Double Barb Wire Arm, Add	*535.34*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-627.35*	
		For Aluminized Steel Gate And Post, Add	*1,606.02*	
		For Powder Coated Gate And Post, Add	*869.93*	
		For 1" Mesh Fabric, Add	*1,455.46*	
		For 1-1/4" Mesh Fabric, Add	*936.85*	
		For 1-3/4" Mesh Fabric, Add	*582.18*	
		For 2-1/8" Mesh Fabric, Deduct	*-291.09*	
32 31 13 13-0310	EA	24' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire	4,115.15	154.62
		For Gate With Single Barb Wire Arm, Add	*401.59*	
		For Gate With Double Barb Wire Arm, Add	*584.13*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-684.53*	
		For Aluminized Steel Gate And Post, Add	*1,752.39*	
		For Powder Coated Gate And Post, Add	*949.21*	
		For 1" Mesh Fabric, Add	*1,588.11*	
		For 1-1/4" Mesh Fabric, Add	*1,022.23*	
		For 1-3/4" Mesh Fabric, Add	*635.24*	
		For 2-1/8" Mesh Fabric, Deduct	*-317.62*	
32 31 13 13-0311	EA	26' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire	4,474.76	173.95
		For Gate With Single Barb Wire Arm, Add	*434.76*	
		For Gate With Double Barb Wire Arm, Add	*632.38*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-741.07*	
		For Aluminized Steel Gate And Post, Add	*1,897.15*	
		For Powder Coated Gate And Post, Add	*1,027.62*	
		For 1" Mesh Fabric, Add	*1,719.29*	
		For 1-1/4" Mesh Fabric, Add	*1,106.67*	
		For 1-3/4" Mesh Fabric, Add	*687.72*	
		For 2-1/8" Mesh Fabric, Deduct	*-343.86*	
32 31 13 13-0312	EA	28' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire	4,854.89	198.76
		For Gate With Single Barb Wire Arm, Add	*468.37*	
		For Gate With Double Barb Wire Arm, Add	*681.26*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-798.35*	
		For Aluminized Steel Gate And Post, Add	*2,043.79*	
		For Powder Coated Gate And Post, Add	*1,107.05*	
		For 1" Mesh Fabric, Add	*1,852.18*	
		For 1-1/4" Mesh Fabric, Add	*1,192.21*	
		For 1-3/4" Mesh Fabric, Add	*740.87*	
		For 2-1/8" Mesh Fabric, Deduct	*-370.44*	
32 31 13 13-0313	EA	30' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire	5,260.43	231.93
		For Gate With Single Barb Wire Arm, Add	*502.03*	
		For Gate With Double Barb Wire Arm, Add	*730.23*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-855.74*	
		For Aluminized Steel Gate And Post, Add	*2,190.69*	
		For Powder Coated Gate And Post, Add	*1,186.62*	
		For 1" Mesh Fabric, Add	*1,985.31*	
		For 1-1/4" Mesh Fabric, Add	*1,277.90*	
		For 1-3/4" Mesh Fabric, Add	*794.13*	
		For 2-1/8" Mesh Fabric, Deduct	*-397.06*	

32 31 13 13-0314 7' Fence Height *(32 31 13 13-0253)*

32 31 13 13-0315	EA	3' Wide x 7' High Single Gate Galvanized Steel Without Barbed Wire	503.51	35.65
		For Gate With Single Barb Wire Arm, Add	*43.60*	
		For Gate With Double Barb Wire Arm, Add	*63.41*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-74.31*	
		For Aluminized Steel Gate And Post, Add	*190.23*	
		For Powder Coated Gate And Post, Add	*103.04*	
		For 1" Mesh Fabric, Add	*172.40*	
		For 1-1/4" Mesh Fabric, Add	*110.97*	
		For 1-3/4" Mesh Fabric, Add	*68.96*	
		For 2-1/8" Mesh Fabric, Deduct	*-34.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0316	EA	4' Wide x 7' High Single Gate Galvanized Steel Without Barbed Wire	634.06	35.65
		For Gate With Single Barb Wire Arm, Add	*57.96*	
		For Gate With Double Barb Wire Arm, Add	*84.30*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-98.79*	
		For Aluminized Steel Gate And Post, Add	*252.90*	
		For Powder Coated Gate And Post, Add	*136.99*	
		For 1" Mesh Fabric, Add	*229.19*	
		For 1-1/4" Mesh Fabric, Add	*147.52*	
		For 1-3/4" Mesh Fabric, Add	*91.68*	
		For 2-1/8" Mesh Fabric, Deduct	*-45.84*	
32 31 13 13-0317	EA	5' Wide x 7' High Single Gate Galvanized Steel Without Barbed Wire	745.26	37.50
		For Gate With Single Barb Wire Arm, Add	*69.59*	
		For Gate With Double Barb Wire Arm, Add	*101.22*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-118.62*	
		For Aluminized Steel Gate And Post, Add	*303.66*	
		For Powder Coated Gate And Post, Add	*164.48*	
		For 1" Mesh Fabric, Add	*275.19*	
		For 1-1/4" Mesh Fabric, Add	*177.13*	
		For 1-3/4" Mesh Fabric, Add	*110.08*	
		For 2-1/8" Mesh Fabric, Deduct	*-55.04*	
32 31 13 13-0318	EA	6' Wide x 7' High Single Gate Galvanized Steel Without Barbed Wire	913.25	45.64
		For Gate With Single Barb Wire Arm, Add	*85.39*	
		For Gate With Double Barb Wire Arm, Add	*124.20*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-145.54*	
		For Aluminized Steel Gate And Post, Add	*372.59*	
		For Powder Coated Gate And Post, Add	*201.82*	
		For 1" Mesh Fabric, Add	*337.66*	
		For 1-1/4" Mesh Fabric, Add	*217.34*	
		For 1-3/4" Mesh Fabric, Add	*135.06*	
		For 2-1/8" Mesh Fabric, Deduct	*-67.53*	
32 31 13 13-0319	EA	7' Wide x 7' High Single Gate Galvanized Steel Without Barbed Wire	1,080.13	53.42
		For Gate With Single Barb Wire Arm, Add	*101.19*	
		For Gate With Double Barb Wire Arm, Add	*147.18*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-172.48*	
		For Aluminized Steel Gate And Post, Add	*441.54*	
		For Powder Coated Gate And Post, Add	*239.17*	
		For 1" Mesh Fabric, Add	*400.15*	
		For 1-1/4" Mesh Fabric, Add	*257.57*	
		For 1-3/4" Mesh Fabric, Add	*160.06*	
		For 2-1/8" Mesh Fabric, Deduct	*-80.03*	
32 31 13 13-0320	EA	8' Wide x 7' High Single Gate Galvanized Steel Without Barbed Wire	1,248.13	61.43
		For Gate With Single Barb Wire Arm, Add	*116.98*	
		For Gate With Double Barb Wire Arm, Add	*170.16*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-199.40*	
		For Aluminized Steel Gate And Post, Add	*510.48*	
		For Powder Coated Gate And Post, Add	*276.51*	
		For 1" Mesh Fabric, Add	*462.62*	
		For 1-1/4" Mesh Fabric, Add	*297.78*	
		For 1-3/4" Mesh Fabric, Add	*185.05*	
		For 2-1/8" Mesh Fabric, Deduct	*-92.52*	
32 31 13 13-0321	EA	9' Wide x 7' High Single Gate Galvanized Steel Without Barbed Wire	1,415.01	69.21
		For Gate With Single Barb Wire Arm, Add	*132.79*	
		For Gate With Double Barb Wire Arm, Add	*193.14*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-226.34*	
		For Aluminized Steel Gate And Post, Add	*579.43*	
		For Powder Coated Gate And Post, Add	*313.86*	
		For 1" Mesh Fabric, Add	*525.11*	
		For 1-1/4" Mesh Fabric, Add	*338.00*	
		For 1-3/4" Mesh Fabric, Add	*210.04*	
		For 2-1/8" Mesh Fabric, Deduct	*-105.02*	
32 31 13 13-0322	EA	10' Wide x 7' High Single Gate Galvanized Steel Without Barbed Wire	1,557.13	77.34
		For Gate With Single Barb Wire Arm, Add	*145.74*	
		For Gate With Double Barb Wire Arm, Add	*211.98*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-248.42*	
		For Aluminized Steel Gate And Post, Add	*635.94*	
		For Powder Coated Gate And Post, Add	*344.47*	
		For 1" Mesh Fabric, Add	*576.32*	
		For 1-1/4" Mesh Fabric, Add	*370.97*	
		For 1-3/4" Mesh Fabric, Add	*230.53*	
		For 2-1/8" Mesh Fabric, Deduct	*-115.26*	
32 31 13 13-0323	EA	10' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire	1,971.32	77.34
		For Gate With Single Barb Wire Arm, Add	*191.30*	
		For Gate With Double Barb Wire Arm, Add	*278.25*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-326.08*	
		For Aluminized Steel Gate And Post, Add	*834.75*	
		For Powder Coated Gate And Post, Add	*452.16*	
		For 1" Mesh Fabric, Add	*756.50*	
		For 1-1/4" Mesh Fabric, Add	*486.94*	
		For 1-3/4" Mesh Fabric, Add	*302.60*	
		For 2-1/8" Mesh Fabric, Deduct	*-151.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0324	EA	12' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire	2,232.21	99.38
		For Gate With Single Barb Wire Arm, Add	*212.71*	
		For Gate With Double Barb Wire Arm, Add	*309.39*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-362.57*	
		For Aluminized Steel Gate And Post, Add	*928.18*	
		For Powder Coated Gate And Post, Add	*502.76*	
		For 1" Mesh Fabric, Add	*841.16*	
		For 1-1/4" Mesh Fabric, Add	*541.44*	
		For 1-3/4" Mesh Fabric, Add	*336.47*	
		For 2-1/8" Mesh Fabric, Deduct	*-168.23*	
32 31 13 13-0325	EA	14' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire	2,577.45	107.09
		For Gate With Single Barb Wire Arm, Add	*248.16*	
		For Gate With Double Barb Wire Arm, Add	*360.96*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-423.00*	
		For Aluminized Steel Gate And Post, Add	*1,082.88*	
		For Powder Coated Gate And Post, Add	*586.56*	
		For 1" Mesh Fabric, Add	*981.36*	
		For 1-1/4" Mesh Fabric, Add	*631.68*	
		For 1-3/4" Mesh Fabric, Add	*392.54*	
		For 2-1/8" Mesh Fabric, Deduct	*-196.27*	
32 31 13 13-0326	EA	16' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire	2,899.62	115.97
		For Gate With Single Barb Wire Arm, Add	*280.65*	
		For Gate With Double Barb Wire Arm, Add	*408.22*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-478.38*	
		For Aluminized Steel Gate And Post, Add	*1,224.66*	
		For Powder Coated Gate And Post, Add	*663.36*	
		For 1" Mesh Fabric, Add	*1,109.85*	
		For 1-1/4" Mesh Fabric, Add	*714.38*	
		For 1-3/4" Mesh Fabric, Add	*443.94*	
		For 2-1/8" Mesh Fabric, Deduct	*-221.97*	
32 31 13 13-0327	EA	18' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire	3,255.79	126.55
		For Gate With Single Barb Wire Arm, Add	*316.35*	
		For Gate With Double Barb Wire Arm, Add	*460.14*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-539.23*	
		For Aluminized Steel Gate And Post, Add	*1,380.43*	
		For Powder Coated Gate And Post, Add	*747.73*	
		For 1" Mesh Fabric, Add	*1,251.01*	
		For 1-1/4" Mesh Fabric, Add	*805.25*	
		For 1-3/4" Mesh Fabric, Add	*500.40*	
		For 2-1/8" Mesh Fabric, Deduct	*-250.20*	
32 31 13 13-0328	EA	20' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire	3,612.70	139.21
		For Gate With Single Barb Wire Arm, Add	*351.43*	
		For Gate With Double Barb Wire Arm, Add	*511.17*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-599.03*	
		For Aluminized Steel Gate And Post, Add	*1,533.51*	
		For Powder Coated Gate And Post, Add	*830.65*	
		For 1" Mesh Fabric, Add	*1,389.74*	
		For 1-1/4" Mesh Fabric, Add	*894.55*	
		For 1-3/4" Mesh Fabric, Add	*555.90*	
		For 2-1/8" Mesh Fabric, Deduct	*-277.95*	
32 31 13 13-0329	EA	22' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire	3,978.07	154.62
		For Gate With Single Barb Wire Arm, Add	*386.51*	
		For Gate With Double Barb Wire Arm, Add	*562.20*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-658.83*	
		For Aluminized Steel Gate And Post, Add	*1,686.60*	
		For Powder Coated Gate And Post, Add	*913.57*	
		For 1" Mesh Fabric, Add	*1,528.48*	
		For 1-1/4" Mesh Fabric, Add	*983.85*	
		For 1-3/4" Mesh Fabric, Add	*611.39*	
		For 2-1/8" Mesh Fabric, Deduct	*-305.70*	
32 31 13 13-0330	EA	24' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire	4,355.03	173.95
		For Gate With Single Barb Wire Arm, Add	*421.59*	
		For Gate With Double Barb Wire Arm, Add	*613.23*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-718.62*	
		For Aluminized Steel Gate And Post, Add	*1,839.68*	
		For Powder Coated Gate And Post, Add	*996.49*	
		For 1" Mesh Fabric, Add	*1,667.21*	
		For 1-1/4" Mesh Fabric, Add	*1,073.14*	
		For 1-3/4" Mesh Fabric, Add	*666.88*	
		For 2-1/8" Mesh Fabric, Deduct	*-333.44*	
32 31 13 13-0331	EA	26' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire	4,748.58	198.76
		For Gate With Single Barb Wire Arm, Add	*456.67*	
		For Gate With Double Barb Wire Arm, Add	*664.25*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-778.42*	
		For Aluminized Steel Gate And Post, Add	*1,992.76*	
		For Powder Coated Gate And Post, Add	*1,079.41*	
		For 1" Mesh Fabric, Add	*1,805.94*	
		For 1-1/4" Mesh Fabric, Add	*1,162.44*	
		For 1-3/4" Mesh Fabric, Add	*722.37*	
		For 2-1/8" Mesh Fabric, Deduct	*-361.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0332	EA	28' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire	5,166.99	231.93
		For Gate With Single Barb Wire Arm, Add	*491.76*	
		For Gate With Double Barb Wire Arm, Add	*715.28*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-838.22*	
		For Aluminized Steel Gate And Post, Add	*2,145.84*	
		For Powder Coated Gate And Post, Add	*1,162.33*	
		For 1" Mesh Fabric, Add	*1,944.67*	
		For 1-1/4" Mesh Fabric, Add	*1,251.74*	
		For 1-3/4" Mesh Fabric, Add	*777.87*	
		For 2-1/8" Mesh Fabric, Deduct	*-388.93*	
32 31 13 13-0333	EA	30' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire	5,625.22	278.30
		For Gate With Single Barb Wire Arm, Add	*526.84*	
		For Gate With Double Barb Wire Arm, Add	*766.31*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-898.02*	
		For Aluminized Steel Gate And Post, Add	*2,298.92*	
		For Powder Coated Gate And Post, Add	*1,245.25*	
		For 1" Mesh Fabric, Add	*2,083.40*	
		For 1-1/4" Mesh Fabric, Add	*1,341.04*	
		For 1-3/4" Mesh Fabric, Add	*833.36*	
		For 2-1/8" Mesh Fabric, Deduct	*-416.68*	

32 31 13 13-0334 8' Fence Height *(32 31 13 13-0253)*

32 31 13 13-0335	EA	3' Wide x 8' High Single Gate Galvanized Steel Without Barbed Wire	589.45	38.67
		For Gate With Single Barb Wire Arm, Add	*52.07*	
		For Gate With Double Barb Wire Arm, Add	*75.73*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-88.75*	
		For Aluminized Steel Gate And Post, Add	*227.19*	
		For Powder Coated Gate And Post, Add	*123.06*	
		For 1" Mesh Fabric, Add	*205.89*	
		For 1-1/4" Mesh Fabric, Add	*132.53*	
		For 1-3/4" Mesh Fabric, Add	*82.36*	
		For 2-1/8" Mesh Fabric, Deduct	*-41.18*	
32 31 13 13-0336	EA	4' Wide x 8' High Single Gate Galvanized Steel Without Barbed Wire	747.23	38.67
		For Gate With Single Barb Wire Arm, Add	*69.42*	
		For Gate With Double Barb Wire Arm, Add	*100.98*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-118.33*	
		For Aluminized Steel Gate And Post, Add	*302.93*	
		For Powder Coated Gate And Post, Add	*164.09*	
		For 1" Mesh Fabric, Add	*274.53*	
		For 1-1/4" Mesh Fabric, Add	*176.71*	
		For 1-3/4" Mesh Fabric, Add	*109.81*	
		For 2-1/8" Mesh Fabric, Deduct	*-54.91*	
32 31 13 13-0337	EA	5' Wide x 8' High Single Gate Galvanized Steel Without Barbed Wire	871.72	43.09
		For Gate With Single Barb Wire Arm, Add	*81.65*	
		For Gate With Double Barb Wire Arm, Add	*118.76*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-139.17*	
		For Aluminized Steel Gate And Post, Add	*356.28*	
		For Powder Coated Gate And Post, Add	*192.98*	
		For 1" Mesh Fabric, Add	*322.87*	
		For 1-1/4" Mesh Fabric, Add	*207.83*	
		For 1-3/4" Mesh Fabric, Add	*129.15*	
		For 2-1/8" Mesh Fabric, Deduct	*-64.57*	
32 31 13 13-0338	EA	6' Wide x 8' High Single Gate Galvanized Steel Without Barbed Wire	999.71	48.77
		For Gate With Single Barb Wire Arm, Add	*93.87*	
		For Gate With Double Barb Wire Arm, Add	*136.54*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-160.01*	
		For Aluminized Steel Gate And Post, Add	*409.63*	
		For Powder Coated Gate And Post, Add	*221.88*	
		For 1" Mesh Fabric, Add	*371.23*	
		For 1-1/4" Mesh Fabric, Add	*238.95*	
		For 1-3/4" Mesh Fabric, Add	*148.49*	
		For 2-1/8" Mesh Fabric, Deduct	*-74.25*	
32 31 13 13-0339	EA	7' Wide x 8' High Single Gate Galvanized Steel Without Barbed Wire	1,141.05	58.76
		For Gate With Single Barb Wire Arm, Add	*106.10*	
		For Gate With Double Barb Wire Arm, Add	*154.33*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-180.85*	
		For Aluminized Steel Gate And Post, Add	*462.98*	
		For Powder Coated Gate And Post, Add	*250.78*	
		For 1" Mesh Fabric, Add	*419.58*	
		For 1-1/4" Mesh Fabric, Add	*270.07*	
		For 1-3/4" Mesh Fabric, Add	*167.83*	
		For 2-1/8" Mesh Fabric, Deduct	*-83.92*	
32 31 13 13-0340	EA	8' Wide x 8' High Single Gate Galvanized Steel Without Barbed Wire	1,281.25	68.40
		For Gate With Single Barb Wire Arm, Add	*118.33*	
		For Gate With Double Barb Wire Arm, Add	*172.11*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-201.70*	
		For Aluminized Steel Gate And Post, Add	*516.34*	
		For Powder Coated Gate And Post, Add	*279.68*	
		For 1" Mesh Fabric, Add	*467.93*	
		For 1-1/4" Mesh Fabric, Add	*301.20*	
		For 1-3/4" Mesh Fabric, Add	*187.17*	
		For 2-1/8" Mesh Fabric, Deduct	*-93.59*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0341	EA	9' Wide x 8' High Single Gate Galvanized Steel Without Barbed Wire	1,422.60	78.50
		For Gate With Single Barb Wire Arm, Add	*130.55*	
		For Gate With Double Barb Wire Arm, Add	*189.90*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-222.54*	
		For Aluminized Steel Gate And Post, Add	*569.69*	
		For Powder Coated Gate And Post, Add	*308.58*	
		For 1" Mesh Fabric, Add	*516.28*	
		For 1-1/4" Mesh Fabric, Add	*332.32*	
		For 1-3/4" Mesh Fabric, Add	*206.51*	
		For 2-1/8" Mesh Fabric, Deduct	*-103.26*	
32 31 13 13-0342	EA	10' Wide x 8' High Single Gate Galvanized Steel Without Barbed Wire	1,563.94	88.60
		For Gate With Single Barb Wire Arm, Add	*142.78*	
		For Gate With Double Barb Wire Arm, Add	*207.68*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-243.38*	
		For Aluminized Steel Gate And Post, Add	*623.05*	
		For Powder Coated Gate And Post, Add	*337.49*	
		For 1" Mesh Fabric, Add	*564.64*	
		For 1-1/4" Mesh Fabric, Add	*363.45*	
		For 1-3/4" Mesh Fabric, Add	*225.86*	
		For 2-1/8" Mesh Fabric, Deduct	*-112.93*	
32 31 13 13-0343	EA	10' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire	2,245.56	99.38
		For Gate With Single Barb Wire Arm, Add	*214.18*	
		For Gate With Double Barb Wire Arm, Add	*311.53*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-365.07*	
		For Aluminized Steel Gate And Post, Add	*934.59*	
		For Powder Coated Gate And Post, Add	*506.24*	
		For 1" Mesh Fabric, Add	*846.97*	
		For 1-1/4" Mesh Fabric, Add	*545.18*	
		For 1-3/4" Mesh Fabric, Add	*338.79*	
		For 2-1/8" Mesh Fabric, Deduct	*-169.39*	
32 31 13 13-0344	EA	12' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire	2,643.43	107.09
		For Gate With Single Barb Wire Arm, Add	*255.42*	
		For Gate With Double Barb Wire Arm, Add	*371.52*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-435.37*	
		For Aluminized Steel Gate And Post, Add	*1,114.55*	
		For Powder Coated Gate And Post, Add	*603.71*	
		For 1" Mesh Fabric, Add	*1,010.06*	
		For 1-1/4" Mesh Fabric, Add	*650.15*	
		For 1-3/4" Mesh Fabric, Add	*404.02*	
		For 2-1/8" Mesh Fabric, Deduct	*-202.01*	
32 31 13 13-0345	EA	14' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire	3,050.69	115.97
		For Gate With Single Barb Wire Arm, Add	*297.27*	
		For Gate With Double Barb Wire Arm, Add	*432.39*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-506.71*	
		For Aluminized Steel Gate And Post, Add	*1,297.17*	
		For Powder Coated Gate And Post, Add	*702.63*	
		For 1" Mesh Fabric, Add	*1,175.56*	
		For 1-1/4" Mesh Fabric, Add	*756.68*	
		For 1-3/4" Mesh Fabric, Add	*470.22*	
		For 2-1/8" Mesh Fabric, Deduct	*-235.11*	
32 31 13 13-0346	EA	16' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire	3,474.00	126.55
		For Gate With Single Barb Wire Arm, Add	*340.35*	
		For Gate With Double Barb Wire Arm, Add	*495.06*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-580.14*	
		For Aluminized Steel Gate And Post, Add	*1,485.17*	
		For Powder Coated Gate And Post, Add	*804.47*	
		For 1" Mesh Fabric, Add	*1,345.93*	
		For 1-1/4" Mesh Fabric, Add	*866.35*	
		For 1-3/4" Mesh Fabric, Add	*538.37*	
		For 2-1/8" Mesh Fabric, Deduct	*-269.19*	
32 31 13 13-0347	EA	18 Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire	3,903.65	139.21
		For Gate With Single Barb Wire Arm, Add	*383.43*	
		For Gate With Double Barb Wire Arm, Add	*557.72*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-653.58*	
		For Aluminized Steel Gate And Post, Add	*1,673.16*	
		For Powder Coated Gate And Post, Add	*906.30*	
		For 1" Mesh Fabric, Add	*1,516.31*	
		For 1-1/4" Mesh Fabric, Add	*976.01*	
		For 1-3/4" Mesh Fabric, Add	*606.52*	
		For 2-1/8" Mesh Fabric, Deduct	*-303.26*	
32 31 13 13-0348	EA	20' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire	4,336.15	154.62
		For Gate With Single Barb Wire Arm, Add	*425.90*	
		For Gate With Double Barb Wire Arm, Add	*619.49*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-725.97*	
		For Aluminized Steel Gate And Post, Add	*1,858.47*	
		For Powder Coated Gate And Post, Add	*1,006.67*	
		For 1" Mesh Fabric, Add	*1,684.24*	
		For 1-1/4" Mesh Fabric, Add	*1,084.11*	
		For 1-3/4" Mesh Fabric, Add	*673.70*	
		For 2-1/8" Mesh Fabric, Deduct	*-336.85*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0349	EA	22' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire	4,774.66	173.95
		For Gate With Single Barb Wire Arm, Add	*467.75*	
		For Gate With Double Barb Wire Arm, Add	*680.37*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-797.30*	
		For Aluminized Steel Gate And Post, Add	*2,041.10*	
		For Powder Coated Gate And Post, Add	*1,105.60*	
		For 1" Mesh Fabric, Add	*1,849.75*	
		For 1-1/4" Mesh Fabric, Add	*1,190.64*	
		For 1-3/4" Mesh Fabric, Add	*739.90*	
		For 2-1/8" Mesh Fabric, Deduct	*-369.95*	
32 31 13 13-0350	EA	24' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire	5,240.95	198.76
		For Gate With Single Barb Wire Arm, Add	*510.83*	
		For Gate With Double Barb Wire Arm, Add	*743.03*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-870.74*	
		For Aluminized Steel Gate And Post, Add	*2,229.10*	
		For Powder Coated Gate And Post, Add	*1,207.43*	
		For 1" Mesh Fabric, Add	*2,020.12*	
		For 1-1/4" Mesh Fabric, Add	*1,300.31*	
		For 1-3/4" Mesh Fabric, Add	*808.05*	
		For 2-1/8" Mesh Fabric, Deduct	*-404.02*	
32 31 13 13-0351	EA	26' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire	5,732.10	231.93
		For Gate With Single Barb Wire Arm, Add	*553.92*	
		For Gate With Double Barb Wire Arm, Add	*805.70*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-944.18*	
		For Aluminized Steel Gate And Post, Add	*2,417.09*	
		For Powder Coated Gate And Post, Add	*1,309.26*	
		For 1" Mesh Fabric, Add	*2,190.49*	
		For 1-1/4" Mesh Fabric, Add	*1,409.97*	
		For 1-3/4" Mesh Fabric, Add	*876.20*	
		For 2-1/8" Mesh Fabric, Deduct	*-438.10*	
32 31 13 13-0352	EA	28' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire	6,257.47	278.30
		For Gate With Single Barb Wire Arm, Add	*596.38*	
		For Gate With Double Barb Wire Arm, Add	*867.47*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-1,016.56*	
		For Aluminized Steel Gate And Post, Add	*2,602.40*	
		For Powder Coated Gate And Post, Add	*1,409.63*	
		For 1" Mesh Fabric, Add	*2,358.43*	
		For 1-1/4" Mesh Fabric, Add	*1,518.07*	
		For 1-3/4" Mesh Fabric, Add	*943.37*	
		For 2-1/8" Mesh Fabric, Deduct	*-471.69*	
32 31 13 13-0353	EA	30' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire	6,852.47	347.90
		For Gate With Single Barb Wire Arm, Add	*638.85*	
		For Gate With Double Barb Wire Arm, Add	*929.24*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-1,088.95*	
		For Aluminized Steel Gate And Post, Add	*2,787.71*	
		For Powder Coated Gate And Post, Add	*1,510.01*	
		For 1" Mesh Fabric, Add	*2,526.36*	
		For 1-1/4" Mesh Fabric, Add	*1,626.16*	
		For 1-3/4" Mesh Fabric, Add	*1,010.55*	
		For 2-1/8" Mesh Fabric, Deduct	*-505.27*	
32 31 13 13-0354		**10' Fence Height** *(32 31 13 13-0253)*		
32 31 13 13-0355	EA	3' Wide x 10' High Single Gate Galvanized Steel Without Barbed Wire	741.10	42.97
		For Gate With Single Barb Wire Arm, Add	*67.33*	
		For Gate With Double Barb Wire Arm, Add	*97.93*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-114.76*	
		For Aluminized Steel Gate And Post, Add	*293.79*	
		For Powder Coated Gate And Post, Add	*159.14*	
		For 1" Mesh Fabric, Add	*266.25*	
		For 1-1/4" Mesh Fabric, Add	*171.38*	
		For 1-3/4" Mesh Fabric, Add	*106.50*	
		For 2-1/8" Mesh Fabric, Deduct	*-53.25*	
32 31 13 13-0356	EA	4' Wide x 10' High Single Gate Galvanized Steel Without Barbed Wire	945.12	42.97
		For Gate With Single Barb Wire Arm, Add	*89.77*	
		For Gate With Double Barb Wire Arm, Add	*130.57*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-153.02*	
		For Aluminized Steel Gate And Post, Add	*391.72*	
		For Powder Coated Gate And Post, Add	*212.18*	
		For 1" Mesh Fabric, Add	*355.00*	
		For 1-1/4" Mesh Fabric, Add	*228.51*	
		For 1-3/4" Mesh Fabric, Add	*142.00*	
		For 2-1/8" Mesh Fabric, Deduct	*-71.00*	
32 31 13 13-0357	EA	5' Wide x 10' High Single Gate Galvanized Steel Without Barbed Wire	1,094.54	44.82
		For Gate With Single Barb Wire Arm, Add	*105.58*	
		For Gate With Double Barb Wire Arm, Add	*153.57*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-179.97*	
		For Aluminized Steel Gate And Post, Add	*460.72*	
		For Powder Coated Gate And Post, Add	*249.56*	
		For 1" Mesh Fabric, Add	*417.53*	
		For 1-1/4" Mesh Fabric, Add	*268.76*	
		For 1-3/4" Mesh Fabric, Add	*167.01*	
		For 2-1/8" Mesh Fabric, Deduct	*-83.51*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0358	EA	6' Wide x 10' High Single Gate Galvanized Steel Without Barbed Wire	1,270.81	55.74
		For Gate With Single Barb Wire Arm, Add	*121.39*	
		For Gate With Double Barb Wire Arm, Add	*176.57*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-206.92*	
		For Aluminized Steel Gate And Post, Add	*529.72*	
		For Powder Coated Gate And Post, Add	*286.93*	
		For 1" Mesh Fabric, Add	*480.06*	
		For 1-1/4" Mesh Fabric, Add	*309.01*	
		For 1-3/4" Mesh Fabric, Add	*192.02*	
		For 2-1/8" Mesh Fabric, Deduct	*-96.01*	
32 31 13 13-0359	EA	7' Wide x 10' High Single Gate Galvanized Steel Without Barbed Wire	1,446.36	66.07
		For Gate With Single Barb Wire Arm, Add	*137.20*	
		For Gate With Double Barb Wire Arm, Add	*199.57*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-233.87*	
		For Aluminized Steel Gate And Post, Add	*598.70*	
		For Powder Coated Gate And Post, Add	*324.30*	
		For 1" Mesh Fabric, Add	*542.57*	
		For 1-1/4" Mesh Fabric, Add	*349.24*	
		For 1-3/4" Mesh Fabric, Add	*217.03*	
		For 2-1/8" Mesh Fabric, Deduct	*-108.51*	
32 31 13 13-0360	EA	8' Wide x 10' High Single Gate Galvanized Steel Without Barbed Wire	1,622.12	77.00
		For Gate With Single Barb Wire Arm, Add	*153.01*	
		For Gate With Double Barb Wire Arm, Add	*222.57*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-260.82*	
		For Aluminized Steel Gate And Post, Add	*667.70*	
		For Powder Coated Gate And Post, Add	*361.67*	
		For 1" Mesh Fabric, Add	*605.10*	
		For 1-1/4" Mesh Fabric, Add	*389.49*	
		For 1-3/4" Mesh Fabric, Add	*242.04*	
		For 2-1/8" Mesh Fabric, Deduct	*-121.02*	
32 31 13 13-0361	EA	9' Wide x 10' High Single Gate Galvanized Steel Without Barbed Wire	1,797.22	87.44
		For Gate With Single Barb Wire Arm, Add	*168.83*	
		For Gate With Double Barb Wire Arm, Add	*245.57*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-287.77*	
		For Aluminized Steel Gate And Post, Add	*736.70*	
		For Powder Coated Gate And Post, Add	*399.05*	
		For 1" Mesh Fabric, Add	*667.63*	
		For 1-1/4" Mesh Fabric, Add	*429.74*	
		For 1-3/4" Mesh Fabric, Add	*267.05*	
		For 2-1/8" Mesh Fabric, Deduct	*-133.53*	
32 31 13 13-0362	EA	10' Wide x 10' High Single Gate Galvanized Steel Without Barbed Wire	1,973.50	98.24
		For Gate With Single Barb Wire Arm, Add	*184.64*	
		For Gate With Double Barb Wire Arm, Add	*268.57*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-314.73*	
		For Aluminized Steel Gate And Post, Add	*805.70*	
		For Powder Coated Gate And Post, Add	*436.42*	
		For 1" Mesh Fabric, Add	*730.16*	
		For 1-1/4" Mesh Fabric, Add	*469.99*	
		For 1-3/4" Mesh Fabric, Add	*292.07*	
		For 2-1/8" Mesh Fabric, Deduct	*-146.03*	
32 31 13 13-0363	EA	10' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire	2,849.44	110.48
		For Gate With Single Barb Wire Arm, Add	*276.96*	
		For Gate With Double Barb Wire Arm, Add	*402.84*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-472.08*	
		For Aluminized Steel Gate And Post, Add	*1,208.53*	
		For Powder Coated Gate And Post, Add	*654.62*	
		For 1" Mesh Fabric, Add	*1,095.23*	
		For 1-1/4" Mesh Fabric, Add	*704.98*	
		For 1-3/4" Mesh Fabric, Add	*438.09*	
		For 2-1/8" Mesh Fabric, Deduct	*-219.05*	
32 31 13 13-0364	EA	12' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire	3,098.70	118.83
		For Gate With Single Barb Wire Arm, Add	*301.58*	
		For Gate With Double Barb Wire Arm, Add	*438.66*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-514.06*	
		For Aluminized Steel Gate And Post, Add	*1,315.99*	
		For Powder Coated Gate And Post, Add	*712.83*	
		For 1" Mesh Fabric, Add	*1,192.62*	
		For 1-1/4" Mesh Fabric, Add	*767.66*	
		For 1-3/4" Mesh Fabric, Add	*477.05*	
		For 2-1/8" Mesh Fabric, Deduct	*-238.52*	
32 31 13 13-0365	EA	14' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire	3,531.40	128.89
		For Gate With Single Barb Wire Arm, Add	*345.89*	
		For Gate With Double Barb Wire Arm, Add	*503.11*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-589.59*	
		For Aluminized Steel Gate And Post, Add	*1,509.34*	
		For Powder Coated Gate And Post, Add	*817.56*	
		For 1" Mesh Fabric, Add	*1,367.84*	
		For 1-1/4" Mesh Fabric, Add	*880.45*	
		For 1-3/4" Mesh Fabric, Add	*547.14*	
		For 2-1/8" Mesh Fabric, Deduct	*-273.57*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0366	EA	16' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire	4,014.02	140.52
		For Gate With Single Barb Wire Arm, Add	*395.13*	
		For Gate With Double Barb Wire Arm, Add	*574.73*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-673.51*	
		For Aluminized Steel Gate And Post, Add	*1,724.19*	
		For Powder Coated Gate And Post, Add	*933.94*	
		For 1" Mesh Fabric, Add	*1,562.55*	
		For 1-1/4" Mesh Fabric, Add	*1,005.78*	
		For 1-3/4" Mesh Fabric, Add	*625.02*	
		For 2-1/8" Mesh Fabric, Deduct	*-312.51*	
32 31 13 13-0367	EA	18' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire	4,504.01	154.62
		For Gate With Single Barb Wire Arm, Add	*444.36*	
		For Gate With Double Barb Wire Arm, Add	*646.35*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-757.44*	
		For Aluminized Steel Gate And Post, Add	*1,939.05*	
		For Powder Coated Gate And Post, Add	*1,050.32*	
		For 1" Mesh Fabric, Add	*1,757.26*	
		For 1-1/4" Mesh Fabric, Add	*1,131.11*	
		For 1-3/4" Mesh Fabric, Add	*702.90*	
		For 2-1/8" Mesh Fabric, Deduct	*-351.45*	
32 31 13 13-0368	EA	20' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire	5,005.75	171.73
		For Gate With Single Barb Wire Arm, Add	*493.91*	
		For Gate With Double Barb Wire Arm, Add	*718.41*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-841.89*	
		For Aluminized Steel Gate And Post, Add	*2,155.24*	
		For Powder Coated Gate And Post, Add	*1,167.42*	
		For 1" Mesh Fabric, Add	*1,953.18*	
		For 1-1/4" Mesh Fabric, Add	*1,257.22*	
		For 1-3/4" Mesh Fabric, Add	*781.27*	
		For 2-1/8" Mesh Fabric, Deduct	*-390.64*	
32 31 13 13-0369	EA	22' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire	5,520.91	193.28
		For Gate With Single Barb Wire Arm, Add	*543.45*	
		For Gate With Double Barb Wire Arm, Add	*790.48*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-926.34*	
		For Aluminized Steel Gate And Post, Add	*2,371.44*	
		For Powder Coated Gate And Post, Add	*1,284.53*	
		For 1" Mesh Fabric, Add	*2,149.11*	
		For 1-1/4" Mesh Fabric, Add	*1,383.34*	
		For 1-3/4" Mesh Fabric, Add	*859.65*	
		For 2-1/8" Mesh Fabric, Deduct	*-429.82*	
32 31 13 13-0370	EA	24' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire	6,051.01	220.70
		For Gate With Single Barb Wire Arm, Add	*592.69*	
		For Gate With Double Barb Wire Arm, Add	*862.10*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-1,010.27*	
		For Aluminized Steel Gate And Post, Add	*2,586.29*	
		For Powder Coated Gate And Post, Add	*1,400.91*	
		For 1" Mesh Fabric, Add	*2,343.82*	
		For 1-1/4" Mesh Fabric, Add	*1,508.67*	
		For 1-3/4" Mesh Fabric, Add	*937.53*	
		For 2-1/8" Mesh Fabric, Deduct	*-468.76*	
32 31 13 13-0371	EA	26' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire	6,609.59	257.66
		For Gate With Single Barb Wire Arm, Add	*641.93*	
		For Gate With Double Barb Wire Arm, Add	*933.71*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-1,094.20*	
		For Aluminized Steel Gate And Post, Add	*2,801.14*	
		For Powder Coated Gate And Post, Add	*1,517.28*	
		For 1" Mesh Fabric, Add	*2,538.53*	
		For 1-1/4" Mesh Fabric, Add	*1,634.00*	
		For 1-3/4" Mesh Fabric, Add	*1,015.41*	
		For 2-1/8" Mesh Fabric, Deduct	*-507.71*	
32 31 13 13-0372	EA	28' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire	7,211.16	308.98
		For Gate With Single Barb Wire Arm, Add	*691.17*	
		For Gate With Double Barb Wire Arm, Add	*1,005.33*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-1,178.12*	
		For Aluminized Steel Gate And Post, Add	*3,015.99*	
		For Powder Coated Gate And Post, Add	*1,633.66*	
		For 1" Mesh Fabric, Add	*2,733.24*	
		For 1-1/4" Mesh Fabric, Add	*1,759.33*	
		For 1-3/4" Mesh Fabric, Add	*1,093.30*	
		For 2-1/8" Mesh Fabric, Deduct	*-546.65*	
32 31 13 13-0373	EA	30' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire	7,897.34	386.55
		For Gate With Single Barb Wire Arm, Add	*741.02*	
		For Gate With Double Barb Wire Arm, Add	*1,077.84*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-1,263.10*	
		For Aluminized Steel Gate And Post, Add	*3,233.53*	
		For Powder Coated Gate And Post, Add	*1,751.50*	
		For 1" Mesh Fabric, Add	*2,930.39*	
		For 1-1/4" Mesh Fabric, Add	*1,886.23*	
		For 1-3/4" Mesh Fabric, Add	*1,172.15*	
		For 2-1/8" Mesh Fabric, Deduct	*-586.08*	

32 31 13 13-0374 12' Fence Height *(32 31 13 13-0253)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0375	EA	3' Wide x 12' High Single Gate Galvanized Steel Without Barbed Wire	926.81	47.73
		For Gate With Single Barb Wire Arm, Add	*86.18*	
		For Gate With Double Barb Wire Arm, Add	*125.35*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-146.90*	
		For Aluminized Steel Gate And Post, Add	*376.06*	
		For Powder Coated Gate And Post, Add	*203.70*	
		For 1" Mesh Fabric, Add	*340.80*	
		For 1-1/4" Mesh Fabric, Add	*219.37*	
		For 1-3/4" Mesh Fabric, Add	*136.32*	
		For 2-1/8" Mesh Fabric, Deduct	*-68.16*	
32 31 13 13-0376	EA	4' Wide x 12' High Single Gate Galvanized Steel Without Barbed Wire	1,187.95	47.73
		For Gate With Single Barb Wire Arm, Add	*114.90*	
		For Gate With Double Barb Wire Arm, Add	*167.13*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-195.86*	
		For Aluminized Steel Gate And Post, Add	*501.40*	
		For Powder Coated Gate And Post, Add	*271.59*	
		For 1" Mesh Fabric, Add	*454.40*	
		For 1-1/4" Mesh Fabric, Add	*292.49*	
		For 1-3/4" Mesh Fabric, Add	*181.76*	
		For 2-1/8" Mesh Fabric, Deduct	*-90.88*	
32 31 13 13-0377	EA	5' Wide x 12' High Single Gate Galvanized Steel Without Barbed Wire	1,377.24	49.47
		For Gate With Single Barb Wire Arm, Add	*135.15*	
		For Gate With Double Barb Wire Arm, Add	*196.58*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-230.36*	
		For Aluminized Steel Gate And Post, Add	*589.73*	
		For Powder Coated Gate And Post, Add	*319.44*	
		For 1" Mesh Fabric, Add	*534.44*	
		For 1-1/4" Mesh Fabric, Add	*344.01*	
		For 1-3/4" Mesh Fabric, Add	*213.78*	
		For 2-1/8" Mesh Fabric, Deduct	*-106.89*	
32 31 13 13-0378	EA	6' Wide x 12' High Single Gate Galvanized Steel Without Barbed Wire	1,597.22	61.43
		For Gate With Single Barb Wire Arm, Add	*155.38*	
		For Gate With Double Barb Wire Arm, Add	*226.01*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-264.86*	
		For Aluminized Steel Gate And Post, Add	*678.04*	
		For Powder Coated Gate And Post, Add	*367.27*	
		For 1" Mesh Fabric, Add	*614.47*	
		For 1-1/4" Mesh Fabric, Add	*395.52*	
		For 1-3/4" Mesh Fabric, Add	*245.79*	
		For 2-1/8" Mesh Fabric, Deduct	*-122.89*	
32 31 13 13-0379	EA	7' Wide x 12' High Single Gate Galvanized Steel Without Barbed Wire	692.01	73.51
		For Gate With Single Barb Wire Arm, Add	*51.85*	
		For Gate With Double Barb Wire Arm, Add	*75.42*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-88.38*	
		For Aluminized Steel Gate And Post, Add	*226.25*	
		For Powder Coated Gate And Post, Add	*122.55*	
		For 1" Mesh Fabric, Add	*205.04*	
		For 1-1/4" Mesh Fabric, Add	*131.98*	
		For 1-3/4" Mesh Fabric, Add	*82.02*	
		For 2-1/8" Mesh Fabric, Deduct	*-41.01*	
32 31 13 13-0380	EA	8' Wide x 12' High Single Gate Galvanized Steel Without Barbed Wire	781.16	85.12
		For Gate With Single Barb Wire Arm, Add	*57.82*	
		For Gate With Double Barb Wire Arm, Add	*84.11*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-98.57*	
		For Aluminized Steel Gate And Post, Add	*252.33*	
		For Powder Coated Gate And Post, Add	*136.68*	
		For 1" Mesh Fabric, Add	*228.67*	
		For 1-1/4" Mesh Fabric, Add	*147.19*	
		For 1-3/4" Mesh Fabric, Add	*91.47*	
		For 2-1/8" Mesh Fabric, Deduct	*-45.73*	
32 31 13 13-0381	EA	9' Wide x 12' High Single Gate Galvanized Steel Without Barbed Wire	871.48	97.08
		For Gate With Single Barb Wire Arm, Add	*63.80*	
		For Gate With Double Barb Wire Arm, Add	*92.80*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-108.75*	
		For Aluminized Steel Gate And Post, Add	*278.40*	
		For Powder Coated Gate And Post, Add	*150.80*	
		For 1" Mesh Fabric, Add	*252.30*	
		For 1-1/4" Mesh Fabric, Add	*162.40*	
		For 1-3/4" Mesh Fabric, Add	*100.92*	
		For 2-1/8" Mesh Fabric, Deduct	*-50.46*	
32 31 13 13-0382	EA	10' Wide x 12' High Single Gate Galvanized Steel Without Barbed Wire	961.80	109.04
		For Gate With Single Barb Wire Arm, Add	*69.78*	
		For Gate With Double Barb Wire Arm, Add	*101.49*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-118.94*	
		For Aluminized Steel Gate And Post, Add	*304.47*	
		For Powder Coated Gate And Post, Add	*164.92*	
		For 1" Mesh Fabric, Add	*275.93*	
		For 1-1/4" Mesh Fabric, Add	*177.61*	
		For 1-3/4" Mesh Fabric, Add	*110.37*	
		For 2-1/8" Mesh Fabric, Deduct	*-55.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0383	EA	10' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire	1,252.29	122.76
		For Gate With Single Barb Wire Arm, Add	*97.22*	
		For Gate With Double Barb Wire Arm, Add	*141.40*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-165.71*	
		For Aluminized Steel Gate And Post, Add	*424.21*	
		For Powder Coated Gate And Post, Add	*229.78*	
		For 1" Mesh Fabric, Add	*384.44*	
		For 1-1/4" Mesh Fabric, Add	*247.46*	
		For 1-3/4" Mesh Fabric, Add	*153.78*	
		For 2-1/8" Mesh Fabric, Deduct	*-76.89*	
32 31 13 13-0384	EA	12' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire	1,367.97	132.16
		For Gate With Single Barb Wire Arm, Add	*106.85*	
		For Gate With Double Barb Wire Arm, Add	*155.41*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-182.12*	
		For Aluminized Steel Gate And Post, Add	*466.24*	
		For Powder Coated Gate And Post, Add	*252.55*	
		For 1" Mesh Fabric, Add	*422.53*	
		For 1-1/4" Mesh Fabric, Add	*271.97*	
		For 1-3/4" Mesh Fabric, Add	*169.01*	
		For 2-1/8" Mesh Fabric, Deduct	*-84.51*	
32 31 13 13-0385	EA	14' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire	1,543.33	143.13
		For Gate With Single Barb Wire Arm, Add	*122.47*	
		For Gate With Double Barb Wire Arm, Add	*178.14*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-208.76*	
		For Aluminized Steel Gate And Post, Add	*534.43*	
		For Powder Coated Gate And Post, Add	*289.48*	
		For 1" Mesh Fabric, Add	*484.32*	
		For 1-1/4" Mesh Fabric, Add	*311.75*	
		For 1-3/4" Mesh Fabric, Add	*193.73*	
		For 2-1/8" Mesh Fabric, Deduct	*-96.86*	
32 31 13 13-0386	EA	16' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire	1,740.90	156.06
		For Gate With Single Barb Wire Arm, Add	*139.92*	
		For Gate With Double Barb Wire Arm, Add	*203.52*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-238.50*	
		For Aluminized Steel Gate And Post, Add	*610.55*	
		For Powder Coated Gate And Post, Add	*330.71*	
		For 1" Mesh Fabric, Add	*553.31*	
		For 1-1/4" Mesh Fabric, Add	*356.15*	
		For 1-3/4" Mesh Fabric, Add	*221.32*	
		For 2-1/8" Mesh Fabric, Deduct	*-110.66*	
32 31 13 13-0387	EA	18' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire	5,361.04	171.86
		For Gate With Single Barb Wire Arm, Add	*532.99*	
		For Gate With Double Barb Wire Arm, Add	*775.26*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-908.51*	
		For Aluminized Steel Gate And Post, Add	*2,325.78*	
		For Powder Coated Gate And Post, Add	*1,259.80*	
		For 1" Mesh Fabric, Add	*2,107.74*	
		For 1-1/4" Mesh Fabric, Add	*1,356.70*	
		For 1-3/4" Mesh Fabric, Add	*843.09*	
		For 2-1/8" Mesh Fabric, Deduct	*-421.55*	
32 31 13 13-0388	EA	20' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire	5,960.87	190.80
		For Gate With Single Barb Wire Arm, Add	*592.69*	
		For Gate With Double Barb Wire Arm, Add	*862.10*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-1,010.27*	
		For Aluminized Steel Gate And Post, Add	*2,586.29*	
		For Powder Coated Gate And Post, Add	*1,400.91*	
		For 1" Mesh Fabric, Add	*2,343.82*	
		For 1-1/4" Mesh Fabric, Add	*1,508.67*	
		For 1-3/4" Mesh Fabric, Add	*937.53*	
		For 2-1/8" Mesh Fabric, Deduct	*-468.76*	
32 31 13 13-0389	EA	22' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire	6,570.13	214.70
		For Gate With Single Barb Wire Arm, Add	*651.78*	
		For Gate With Double Barb Wire Arm, Add	*948.04*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-1,110.98*	
		For Aluminized Steel Gate And Post, Add	*2,844.11*	
		For Powder Coated Gate And Post, Add	*1,540.56*	
		For 1" Mesh Fabric, Add	*2,577.48*	
		For 1-1/4" Mesh Fabric, Add	*1,659.06*	
		For 1-3/4" Mesh Fabric, Add	*1,030.99*	
		For 2-1/8" Mesh Fabric, Deduct	*-515.50*	
32 31 13 13-0390	EA	24' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire	7,204.52	245.25
		For Gate With Single Barb Wire Arm, Add	*711.48*	
		For Gate With Double Barb Wire Arm, Add	*1,034.87*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-1,212.74*	
		For Aluminized Steel Gate And Post, Add	*3,104.62*	
		For Powder Coated Gate And Post, Add	*1,681.67*	
		For 1" Mesh Fabric, Add	*2,813.56*	
		For 1-1/4" Mesh Fabric, Add	*1,811.03*	
		For 1-3/4" Mesh Fabric, Add	*1,125.43*	
		For 2-1/8" Mesh Fabric, Deduct	*-562.71*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0391	EA	26' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire	7,859.37	286.39
		For Gate With Single Barb Wire Arm, Add	*769.95*	
		For Gate With Double Barb Wire Arm, Add	*1,119.92*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-1,312.41*	
		For Aluminized Steel Gate And Post, Add	*3,359.76*	
		For Powder Coated Gate And Post, Add	*1,819.87*	
		For 1" Mesh Fabric, Add	*3,044.78*	
		For 1-1/4" Mesh Fabric, Add	*1,959.86*	
		For 1-3/4" Mesh Fabric, Add	*1,217.91*	
		For 2-1/8" Mesh Fabric, Deduct	*-608.96*	
32 31 13 13-0392	EA	28' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire	8,567.56	343.33
		For Gate With Single Barb Wire Arm, Add	*829.03*	
		For Gate With Double Barb Wire Arm, Add	*1,205.86*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-1,413.12*	
		For Aluminized Steel Gate And Post, Add	*3,617.58*	
		For Powder Coated Gate And Post, Add	*1,959.52*	
		For 1" Mesh Fabric, Add	*3,278.43*	
		For 1-1/4" Mesh Fabric, Add	*2,110.26*	
		For 1-3/4" Mesh Fabric, Add	*1,311.37*	
		For 2-1/8" Mesh Fabric, Deduct	*-655.69*	
32 31 13 13-0393	EA	30' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire	9,369.16	429.52
		For Gate With Single Barb Wire Arm, Add	*888.73*	
		For Gate With Double Barb Wire Arm, Add	*1,292.70*	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-1,514.88*	
		For Aluminized Steel Gate And Post, Add	*3,878.09*	
		For Powder Coated Gate And Post, Add	*2,100.63*	
		For 1" Mesh Fabric, Add	*3,514.52*	
		For 1-1/4" Mesh Fabric, Add	*2,262.22*	
		For 1-3/4" Mesh Fabric, Add	*1,405.81*	
		For 2-1/8" Mesh Fabric, Deduct	*-702.90*	

32 31 13 13-0394 Vinyl Coated Without Barb Wire Arm *(32 31 13 13-0252)*

Note: Industrial swing gate. Includes posts (3" diameter posts for up to 6' wide gate, 4" diameter to 13' wide, 6-5/8" diameter for 18' wide, 8-5/8" diameter for over 18' wide), 2" diameter schedule pipe frame, offset hinges, cap and hardware (drop rod, center locking device, gate keeper, catch bolt and tension bands). Fabric: galvanized chain link 2" mesh # 9 gauge, galvanized 1.2 ounce coating.

32 31 13 13-0395 4' Fence Height *(32 31 13 13-0394)*

32 31 13 13-0396	EA	3' Wide x 4' High Single Gate Vinyl Coated Without Barbed Wire Arm	197.33	29.03
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-20.67*	
		For 1" Mesh Fabric, Add	*47.95*	
		For 1-1/4" Mesh Fabric, Add	*30.86*	
		For 1-3/4" Mesh Fabric, Add	*19.18*	
		For 2-1/8" Mesh Fabric, Deduct	*-9.59*	
		For Gate With Single Barb Wire Arm, Add	*12.13*	
		For Gate With Double Barb Wire Arm, Add	*17.64*	
32 31 13 13-0397	EA	4' Wide x 4' High Single Gate Vinyl Coated Without Barbed Wire Arm	234.07	29.03
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-27.56*	
		For 1" Mesh Fabric, Add	*63.93*	
		For 1-1/4" Mesh Fabric, Add	*41.15*	
		For 1-3/4" Mesh Fabric, Add	*25.57*	
		For 2-1/8" Mesh Fabric, Deduct	*-12.79*	
		For Gate With Single Barb Wire Arm, Add	*16.17*	
		For Gate With Double Barb Wire Arm, Add	*23.52*	
32 31 13 13-0398	EA	5' Wide x 4' High Single Gate Vinyl Coated Without Barbed Wire Arm	270.50	30.89
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-33.30*	
		For 1" Mesh Fabric, Add	*77.26*	
		For 1-1/4" Mesh Fabric, Add	*49.73*	
		For 1-3/4" Mesh Fabric, Add	*30.90*	
		For 2-1/8" Mesh Fabric, Deduct	*-15.45*	
		For Gate With Single Barb Wire Arm, Add	*19.54*	
		For Gate With Double Barb Wire Arm, Add	*28.42*	
32 31 13 13-0399	EA	6' Wide x 4' High Single Gate Vinyl Coated Without Barbed Wire Arm	319.69	37.16
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-39.04*	
		For 1" Mesh Fabric, Add	*90.57*	
		For 1-1/4" Mesh Fabric, Add	*58.30*	
		For 1-3/4" Mesh Fabric, Add	*36.23*	
		For 2-1/8" Mesh Fabric, Deduct	*-18.11*	
		For Gate With Single Barb Wire Arm, Add	*22.90*	
		For Gate With Double Barb Wire Arm, Add	*33.31*	
32 31 13 13-0400	EA	7' Wide x 4' High Single Gate Vinyl Coated Without Barbed Wire Arm	368.89	43.32
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-44.78*	
		For 1" Mesh Fabric, Add	*103.89*	
		For 1-1/4" Mesh Fabric, Add	*66.87*	
		For 1-3/4" Mesh Fabric, Add	*41.56*	
		For 2-1/8" Mesh Fabric, Deduct	*-20.78*	
		For Gate With Single Barb Wire Arm, Add	*26.27*	
		For Gate With Double Barb Wire Arm, Add	*38.21*	
32 31 13 13-0401	EA	8' Wide x 4' High Single Gate Vinyl Coated Without Barbed Wire Arm	418.10	49.47
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-50.52*	
		For 1" Mesh Fabric, Add	*117.22*	
		For 1-1/4" Mesh Fabric, Add	*75.45*	
		For 1-3/4" Mesh Fabric, Add	*46.89*	
		For 2-1/8" Mesh Fabric, Deduct	*-23.44*	
		For Gate With Single Barb Wire Arm, Add	*29.64*	
		For Gate With Double Barb Wire Arm, Add	*43.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0402	EA	9' Wide x 4' High Single Gate Vinyl Coated Without Barbed Wire Arm	467.30	55.74
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-56.26*	
		For 1" Mesh Fabric, Add	*130.53*	
		For 1-1/4" Mesh Fabric, Add	*84.02*	
		For 1-3/4" Mesh Fabric, Add	*52.21*	
		For 2-1/8" Mesh Fabric, Deduct	*-26.11*	
		For Gate With Single Barb Wire Arm, Add	*33.01*	
		For Gate With Double Barb Wire Arm, Add	*48.01*	
32 31 13 13-0403	EA	10' Wide x 4' High Single Gate Vinyl Coated Without Barbed Wire Arm	516.49	61.89
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-62.00*	
		For 1" Mesh Fabric, Add	*143.85*	
		For 1-1/4" Mesh Fabric, Add	*92.59*	
		For 1-3/4" Mesh Fabric, Add	*57.54*	
		For 2-1/8" Mesh Fabric, Deduct	*-28.77*	
		For Gate With Single Barb Wire Arm, Add	*36.38*	
		For Gate With Double Barb Wire Arm, Add	*52.91*	
32 31 13 13-0404	EA	10' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm	626.72	61.89
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-82.67*	
		For 1" Mesh Fabric, Add	*191.80*	
		For 1-1/4" Mesh Fabric, Add	*123.46*	
		For 1-3/4" Mesh Fabric, Add	*76.72*	
		For 2-1/8" Mesh Fabric, Deduct	*-38.36*	
		For Gate With Single Barb Wire Arm, Add	*48.50*	
		For Gate With Double Barb Wire Arm, Add	*70.55*	
32 31 13 13-0405	EA	12' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm	728.17	66.31
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-99.21*	
		For 1" Mesh Fabric, Add	*230.16*	
		For 1-1/4" Mesh Fabric, Add	*148.15*	
		For 1-3/4" Mesh Fabric, Add	*92.06*	
		For 2-1/8" Mesh Fabric, Deduct	*-46.03*	
		For Gate With Single Barb Wire Arm, Add	*58.20*	
		For Gate With Double Barb Wire Arm, Add	*84.66*	
32 31 13 13-0406	EA	14' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm	831.67	71.41
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-115.74*	
		For 1" Mesh Fabric, Add	*268.52*	
		For 1-1/4" Mesh Fabric, Add	*172.84*	
		For 1-3/4" Mesh Fabric, Add	*107.41*	
		For 2-1/8" Mesh Fabric, Deduct	*-53.70*	
		For Gate With Single Barb Wire Arm, Add	*67.90*	
		For Gate With Double Barb Wire Arm, Add	*98.77*	
32 31 13 13-0407	EA	16' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm	937.72	77.34
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-132.28*	
		For 1" Mesh Fabric, Add	*306.88*	
		For 1-1/4" Mesh Fabric, Add	*197.53*	
		For 1-3/4" Mesh Fabric, Add	*122.75*	
		For 2-1/8" Mesh Fabric, Deduct	*-61.38*	
		For Gate With Single Barb Wire Arm, Add	*77.60*	
		For Gate With Double Barb Wire Arm, Add	*112.88*	
32 31 13 13-0408	EA	18' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,072.25	92.72
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-148.81*	
		For 1" Mesh Fabric, Add	*345.24*	
		For 1-1/4" Mesh Fabric, Add	*222.22*	
		For 1-3/4" Mesh Fabric, Add	*138.10*	
		For 2-1/8" Mesh Fabric, Deduct	*-69.05*	
		For Gate With Single Barb Wire Arm, Add	*87.30*	
		For Gate With Double Barb Wire Arm, Add	*126.98*	
32 31 13 13-0409	EA	20' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,180.34	99.38
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-165.35*	
		For 1" Mesh Fabric, Add	*383.60*	
		For 1-1/4" Mesh Fabric, Add	*246.92*	
		For 1-3/4" Mesh Fabric, Add	*153.44*	
		For 2-1/8" Mesh Fabric, Deduct	*-76.72*	
		For Gate With Single Barb Wire Arm, Add	*97.00*	
		For Gate With Double Barb Wire Arm, Add	*141.09*	
32 31 13 13-0410	EA	22' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,291.48	107.09
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-181.88*	
		For 1" Mesh Fabric, Add	*421.96*	
		For 1-1/4" Mesh Fabric, Add	*271.61*	
		For 1-3/4" Mesh Fabric, Add	*168.78*	
		For 2-1/8" Mesh Fabric, Deduct	*-84.39*	
		For Gate With Single Barb Wire Arm, Add	*106.70*	
		For Gate With Double Barb Wire Arm, Add	*155.20*	
32 31 13 13-0411	EA	24' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,406.45	115.97
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-198.41*	
		For 1" Mesh Fabric, Add	*460.32*	
		For 1-1/4" Mesh Fabric, Add	*296.30*	
		For 1-3/4" Mesh Fabric, Add	*184.13*	
		For 2-1/8" Mesh Fabric, Deduct	*-92.06*	
		For Gate With Single Barb Wire Arm, Add	*116.40*	
		For Gate With Double Barb Wire Arm, Add	*169.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0412	EA	26' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,526.29	126.55
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-214.95*	
		For 1" Mesh Fabric, Add	*498.68*	
		For 1-1/4" Mesh Fabric, Add	*320.99*	
		For 1-3/4" Mesh Fabric, Add	*199.47*	
		For 2-1/8" Mesh Fabric, Deduct	*-99.74*	
		For Gate With Single Barb Wire Arm, Add	*126.10*	
		For Gate With Double Barb Wire Arm, Add	*183.42*	
32 31 13 13-0413	EA	28' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,652.46	139.21
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-231.48*	
		For 1" Mesh Fabric, Add	*537.04*	
		For 1-1/4" Mesh Fabric, Add	*345.68*	
		For 1-3/4" Mesh Fabric, Add	*214.82*	
		For 2-1/8" Mesh Fabric, Deduct	*-107.41*	
		For Gate With Single Barb Wire Arm, Add	*135.80*	
		For Gate With Double Barb Wire Arm, Add	*197.53*	
32 31 13 13-0414	EA	30' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,787.09	154.62
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-248.02*	
		For 1" Mesh Fabric, Add	*575.40*	
		For 1-1/4" Mesh Fabric, Add	*370.37*	
		For 1-3/4" Mesh Fabric, Add	*230.16*	
		For 2-1/8" Mesh Fabric, Deduct	*-115.08*	
		For Gate With Single Barb Wire Arm, Add	*145.50*	
		For Gate With Double Barb Wire Arm, Add	*211.64*	
32 31 13 13-0415		5' Fence Height *(32 31 13 13-0394)*		
32 31 13 13-0416	EA	3' Wide x 5' High Single Gate Vinyl Coated Without Barbed Wire Arm	229.49	30.89
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-25.61*	
		For 1" Mesh Fabric, Add	*59.42*	
		For 1-1/4" Mesh Fabric, Add	*38.25*	
		For 1-3/4" Mesh Fabric, Add	*23.77*	
		For 2-1/8" Mesh Fabric, Deduct	*-11.88*	
		For Gate With Single Barb Wire Arm, Add	*15.02*	
		For Gate With Double Barb Wire Arm, Add	*21.85*	
32 31 13 13-0417	EA	4' Wide x 5' High Single Gate Vinyl Coated Without Barbed Wire Arm	275.02	30.89
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-34.15*	
		For 1" Mesh Fabric, Add	*79.22*	
		For 1-1/4" Mesh Fabric, Add	*50.99*	
		For 1-3/4" Mesh Fabric, Add	*31.69*	
		For 2-1/8" Mesh Fabric, Deduct	*-15.84*	
		For Gate With Single Barb Wire Arm, Add	*20.03*	
		For Gate With Double Barb Wire Arm, Add	*29.14*	
32 31 13 13-0418	EA	5' Wide x 5' High Single Gate Vinyl Coated Without Barbed Wire Arm	314.98	32.86
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-40.55*	
		For 1" Mesh Fabric, Add	*94.08*	
		For 1-1/4" Mesh Fabric, Add	*60.56*	
		For 1-3/4" Mesh Fabric, Add	*37.63*	
		For 2-1/8" Mesh Fabric, Deduct	*-18.82*	
		For Gate With Single Barb Wire Arm, Add	*23.79*	
		For Gate With Double Barb Wire Arm, Add	*34.60*	
32 31 13 13-0419	EA	6' Wide x 5' High Single Gate Vinyl Coated Without Barbed Wire Arm	368.87	39.48
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-46.95*	
		For 1" Mesh Fabric, Add	*108.93*	
		For 1-1/4" Mesh Fabric, Add	*70.12*	
		For 1-3/4" Mesh Fabric, Add	*43.57*	
		For 2-1/8" Mesh Fabric, Deduct	*-21.79*	
		For Gate With Single Barb Wire Arm, Add	*27.55*	
		For Gate With Double Barb Wire Arm, Add	*40.07*	
32 31 13 13-0420	EA	7' Wide x 5' High Single Gate Vinyl Coated Without Barbed Wire Arm	422.76	45.99
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-53.36*	
		For 1" Mesh Fabric, Add	*123.79*	
		For 1-1/4" Mesh Fabric, Add	*79.68*	
		For 1-3/4" Mesh Fabric, Add	*49.52*	
		For 2-1/8" Mesh Fabric, Deduct	*-24.76*	
		For Gate With Single Barb Wire Arm, Add	*31.30*	
		For Gate With Double Barb Wire Arm, Add	*45.53*	
32 31 13 13-0421	EA	8' Wide x 5' High Single Gate Vinyl Coated Without Barbed Wire Arm	477.80	52.96
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-59.76*	
		For 1" Mesh Fabric, Add	*138.64*	
		For 1-1/4" Mesh Fabric, Add	*89.24*	
		For 1-3/4" Mesh Fabric, Add	*55.46*	
		For 2-1/8" Mesh Fabric, Deduct	*-27.73*	
		For Gate With Single Barb Wire Arm, Add	*35.06*	
		For Gate With Double Barb Wire Arm, Add	*50.99*	
32 31 13 13-0422	EA	9 Wide x 5' High Single Gate Vinyl Coated Without Barbed Wire Arm	531.69	59.57
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-66.16*	
		For 1" Mesh Fabric, Add	*153.49*	
		For 1-1/4" Mesh Fabric, Add	*98.80*	
		For 1-3/4" Mesh Fabric, Add	*61.40*	
		For 2-1/8" Mesh Fabric, Deduct	*-30.70*	
		For Gate With Single Barb Wire Arm, Add	*38.81*	
		For Gate With Double Barb Wire Arm, Add	*56.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0423	EA	10' Wide x 5' High Single Gate Vinyl Coated Without Barbed Wire Arm	585.57	66.07
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-72.56*	
		For 1" Mesh Fabric, Add	*168.35*	
		For 1-1/4" Mesh Fabric, Add	*108.36*	
		For 1-3/4" Mesh Fabric, Add	*67.34*	
		For 2-1/8" Mesh Fabric, Deduct	*-33.67*	
		For Gate With Single Barb Wire Arm, Add	*42.57*	
		For Gate With Double Barb Wire Arm, Add	*61.92*	
32 31 13 13-0424	EA	10' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm	745.43	66.31
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-102.44*	
		For 1" Mesh Fabric, Add	*237.67*	
		For 1-1/4" Mesh Fabric, Add	*152.98*	
		For 1-3/4" Mesh Fabric, Add	*95.07*	
		For 2-1/8" Mesh Fabric, Deduct	*-47.53*	
		For Gate With Single Barb Wire Arm, Add	*60.10*	
		For Gate With Double Barb Wire Arm, Add	*87.42*	
32 31 13 13-0425	EA	12' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm	870.01	71.41
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-122.93*	
		For 1" Mesh Fabric, Add	*285.20*	
		For 1-1/4" Mesh Fabric, Add	*183.58*	
		For 1-3/4" Mesh Fabric, Add	*114.08*	
		For 2-1/8" Mesh Fabric, Deduct	*-57.04*	
		For Gate With Single Barb Wire Arm, Add	*72.12*	
		For Gate With Double Barb Wire Arm, Add	*104.90*	
32 31 13 13-0426	EA	14' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm	997.15	77.34
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-143.42*	
		For 1" Mesh Fabric, Add	*332.73*	
		For 1-1/4" Mesh Fabric, Add	*214.17*	
		For 1-3/4" Mesh Fabric, Add	*133.09*	
		For 2-1/8" Mesh Fabric, Deduct	*-66.55*	
		For Gate With Single Barb Wire Arm, Add	*84.14*	
		For Gate With Double Barb Wire Arm, Add	*122.38*	
32 31 13 13-0427	EA	16' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,152.77	92.72
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-163.91*	
		For 1" Mesh Fabric, Add	*380.26*	
		For 1-1/4" Mesh Fabric, Add	*244.77*	
		For 1-3/4" Mesh Fabric, Add	*152.11*	
		For 2-1/8" Mesh Fabric, Deduct	*-76.05*	
		For Gate With Single Barb Wire Arm, Add	*96.16*	
		For Gate With Double Barb Wire Arm, Add	*139.87*	
32 31 13 13-0428	EA	18 Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,281.94	99.38
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-184.40*	
		For 1" Mesh Fabric, Add	*427.80*	
		For 1-1/4" Mesh Fabric, Add	*275.36*	
		For 1-3/4" Mesh Fabric, Add	*171.12*	
		For 2-1/8" Mesh Fabric, Deduct	*-85.56*	
		For Gate With Single Barb Wire Arm, Add	*108.18*	
		For Gate With Double Barb Wire Arm, Add	*157.35*	
32 31 13 13-0429	EA	20' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,414.17	107.09
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-204.88*	
		For 1" Mesh Fabric, Add	*475.33*	
		For 1-1/4" Mesh Fabric, Add	*305.96*	
		For 1-3/4" Mesh Fabric, Add	*190.13*	
		For 2-1/8" Mesh Fabric, Deduct	*-95.07*	
		For Gate With Single Barb Wire Arm, Add	*120.20*	
		For Gate With Double Barb Wire Arm, Add	*174.83*	
32 31 13 13-0430	EA	22' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,550.24	115.97
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-225.37*	
		For 1" Mesh Fabric, Add	*522.87*	
		For 1-1/4" Mesh Fabric, Add	*336.56*	
		For 1-3/4" Mesh Fabric, Add	*209.15*	
		For 2-1/8" Mesh Fabric, Deduct	*-104.57*	
		For Gate With Single Barb Wire Arm, Add	*132.22*	
		For Gate With Double Barb Wire Arm, Add	*192.32*	
32 31 13 13-0431	EA	24' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,691.16	126.55
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-245.86*	
		For 1" Mesh Fabric, Add	*570.40*	
		For 1-1/4" Mesh Fabric, Add	*367.15*	
		For 1-3/4" Mesh Fabric, Add	*228.16*	
		For 2-1/8" Mesh Fabric, Deduct	*-114.08*	
		For Gate With Single Barb Wire Arm, Add	*144.24*	
		For Gate With Double Barb Wire Arm, Add	*209.80*	
32 31 13 13-0432	EA	26' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,838.42	139.21
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-266.35*	
		For 1" Mesh Fabric, Add	*617.93*	
		For 1-1/4" Mesh Fabric, Add	*397.75*	
		For 1-3/4" Mesh Fabric, Add	*247.17*	
		For 2-1/8" Mesh Fabric, Deduct	*-123.59*	
		For Gate With Single Barb Wire Arm, Add	*156.26*	
		For Gate With Double Barb Wire Arm, Add	*227.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0433	EA	28' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,994.13	154.62
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-286.84*	
		For 1" Mesh Fabric, Add	*665.46*	
		For 1-1/4" Mesh Fabric, Add	*428.34*	
		For 1-3/4" Mesh Fabric, Add	*266.19*	
		For 2-1/8" Mesh Fabric, Deduct	*-133.09*	
		For Gate With Single Barb Wire Arm, Add	*168.28*	
		For Gate With Double Barb Wire Arm, Add	*244.77*	
32 31 13 13-0434	EA	30' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,161.44	173.95
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-307.33*	
		For 1" Mesh Fabric, Add	*713.00*	
		For 1-1/4" Mesh Fabric, Add	*458.94*	
		For 1-3/4" Mesh Fabric, Add	*285.20*	
		For 2-1/8" Mesh Fabric, Deduct	*-142.60*	
		For Gate With Single Barb Wire Arm, Add	*180.30*	
		For Gate With Double Barb Wire Arm, Add	*262.25*	
32 31 13 13-0435		**6' Fence Height** *(32 31 13 13-0394)*		
32 31 13 13-0436	EA	3' Wide x 6' High Single Gate Vinyl Coated Without Barbed Wire Arm	245.51	33.10
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-27.37*	
		For 1" Mesh Fabric, Add	*63.50*	
		For 1-1/4" Mesh Fabric, Add	*40.87*	
		For 1-3/4" Mesh Fabric, Add	*25.40*	
		For 2-1/8" Mesh Fabric, Deduct	*-12.70*	
		For Gate With Single Barb Wire Arm, Add	*16.06*	
		For Gate With Double Barb Wire Arm, Add	*23.36*	
32 31 13 13-0437	EA	4' Wide x 6' High Single Gate Vinyl Coated Without Barbed Wire Arm	294.17	33.10
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-36.49*	
		For 1" Mesh Fabric, Add	*84.66*	
		For 1-1/4" Mesh Fabric, Add	*54.50*	
		For 1-3/4" Mesh Fabric, Add	*33.87*	
		For 2-1/8" Mesh Fabric, Deduct	*-16.93*	
		For Gate With Single Barb Wire Arm, Add	*21.41*	
		For Gate With Double Barb Wire Arm, Add	*31.14*	
32 31 13 13-0438	EA	5' Wide x 6' High Single Gate Vinyl Coated Without Barbed Wire Arm	336.80	35.18
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-43.34*	
		For 1" Mesh Fabric, Add	*100.54*	
		For 1-1/4" Mesh Fabric, Add	*64.72*	
		For 1-3/4" Mesh Fabric, Add	*40.22*	
		For 2-1/8" Mesh Fabric, Deduct	*-20.11*	
		For Gate With Single Barb Wire Arm, Add	*25.42*	
		For Gate With Double Barb Wire Arm, Add	*36.98*	
32 31 13 13-0439	EA	6' Wide x 6' High Single Gate Vinyl Coated Without Barbed Wire Arm	395.35	42.50
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-50.18*	
		For 1" Mesh Fabric, Add	*116.41*	
		For 1-1/4" Mesh Fabric, Add	*74.93*	
		For 1-3/4" Mesh Fabric, Add	*46.57*	
		For 2-1/8" Mesh Fabric, Deduct	*-23.28*	
		For Gate With Single Barb Wire Arm, Add	*29.44*	
		For Gate With Double Barb Wire Arm, Add	*42.82*	
32 31 13 13-0440	EA	7' Wide x 6' High Single Gate Vinyl Coated Without Barbed Wire Arm	453.92	49.93
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-57.02*	
		For 1" Mesh Fabric, Add	*132.29*	
		For 1-1/4" Mesh Fabric, Add	*85.15*	
		For 1-3/4" Mesh Fabric, Add	*52.92*	
		For 2-1/8" Mesh Fabric, Deduct	*-26.46*	
		For Gate With Single Barb Wire Arm, Add	*33.45*	
		For Gate With Double Barb Wire Arm, Add	*48.66*	
32 31 13 13-0441	EA	8' Wide x 6' High Single Gate Vinyl Coated Without Barbed Wire Arm	511.31	56.90
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-63.86*	
		For 1" Mesh Fabric, Add	*148.17*	
		For 1-1/4" Mesh Fabric, Add	*95.37*	
		For 1-3/4" Mesh Fabric, Add	*59.27*	
		For 2-1/8" Mesh Fabric, Deduct	*-29.63*	
		For Gate With Single Barb Wire Arm, Add	*37.47*	
		For Gate With Double Barb Wire Arm, Add	*54.50*	
32 31 13 13-0442	EA	9' Wide x 6' High Single Gate Vinyl Coated Without Barbed Wire Arm	569.88	64.21
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-70.71*	
		For 1" Mesh Fabric, Add	*164.04*	
		For 1-1/4" Mesh Fabric, Add	*105.59*	
		For 1-3/4" Mesh Fabric, Add	*65.62*	
		For 2-1/8" Mesh Fabric, Deduct	*-32.81*	
		For Gate With Single Barb Wire Arm, Add	*41.48*	
		For Gate With Double Barb Wire Arm, Add	*60.34*	
32 31 13 13-0443	EA	10' Wide x 6' High Single Gate Vinyl Coated Without Barbed Wire Arm	628.43	71.53
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-77.55*	
		For 1" Mesh Fabric, Add	*179.92*	
		For 1-1/4" Mesh Fabric, Add	*115.81*	
		For 1-3/4" Mesh Fabric, Add	*71.97*	
		For 2-1/8" Mesh Fabric, Deduct	*-35.98*	
		For Gate With Single Barb Wire Arm, Add	*45.50*	
		For Gate With Double Barb Wire Arm, Add	*66.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0444	EA	10' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm	798.28	71.41
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-109.48*	
		For 1" Mesh Fabric, Add	*254.00*	
		For 1-1/4" Mesh Fabric, Add	*163.49*	
		For 1-3/4" Mesh Fabric, Add	*101.60*	
		For 2-1/8" Mesh Fabric, Deduct	*-50.80*	
		For Gate With Single Barb Wire Arm, Add	*64.23*	
		For Gate With Double Barb Wire Arm, Add	*93.42*	
32 31 13 13-0445	EA	12' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm	932.93	77.34
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-131.38*	
		For 1" Mesh Fabric, Add	*304.80*	
		For 1-1/4" Mesh Fabric, Add	*196.19*	
		For 1-3/4" Mesh Fabric, Add	*121.92*	
		For 2-1/8" Mesh Fabric, Deduct	*-60.96*	
		For Gate With Single Barb Wire Arm, Add	*77.07*	
		For Gate With Double Barb Wire Arm, Add	*112.11*	
32 31 13 13-0446	EA	14' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,115.96	99.38
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-153.27*	
		For 1" Mesh Fabric, Add	*355.60*	
		For 1-1/4" Mesh Fabric, Add	*228.89*	
		For 1-3/4" Mesh Fabric, Add	*142.24*	
		For 2-1/8" Mesh Fabric, Deduct	*-71.12*	
		For Gate With Single Barb Wire Arm, Add	*89.92*	
		For Gate With Double Barb Wire Arm, Add	*130.79*	
32 31 13 13-0447	EA	16' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,255.70	107.09
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-175.17*	
		For 1" Mesh Fabric, Add	*406.39*	
		For 1-1/4" Mesh Fabric, Add	*261.59*	
		For 1-3/4" Mesh Fabric, Add	*162.56*	
		For 2-1/8" Mesh Fabric, Deduct	*-81.28*	
		For Gate With Single Barb Wire Arm, Add	*102.77*	
		For Gate With Double Barb Wire Arm, Add	*149.48*	
32 31 13 13-0448	EA	18' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,399.27	115.97
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-197.07*	
		For 1" Mesh Fabric, Add	*457.19*	
		For 1-1/4" Mesh Fabric, Add	*294.29*	
		For 1-3/4" Mesh Fabric, Add	*182.88*	
		For 2-1/8" Mesh Fabric, Deduct	*-91.44*	
		For Gate With Single Barb Wire Arm, Add	*115.61*	
		For Gate With Double Barb Wire Arm, Add	*168.16*	
32 31 13 13-0449	EA	20' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,569.28	126.55
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-223.01*	
		For 1" Mesh Fabric, Add	*517.38*	
		For 1-1/4" Mesh Fabric, Add	*333.03*	
		For 1-3/4" Mesh Fabric, Add	*206.95*	
		For 2-1/8" Mesh Fabric, Deduct	*-103.48*	
		For Gate With Single Barb Wire Arm, Add	*130.83*	
		For Gate With Double Barb Wire Arm, Add	*190.30*	
32 31 13 13-0450	EA	22' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,706.39	139.21
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-241.59*	
		For 1" Mesh Fabric, Add	*560.50*	
		For 1-1/4" Mesh Fabric, Add	*360.78*	
		For 1-3/4" Mesh Fabric, Add	*224.20*	
		For 2-1/8" Mesh Fabric, Deduct	*-112.10*	
		For Gate With Single Barb Wire Arm, Add	*141.74*	
		For Gate With Double Barb Wire Arm, Add	*206.16*	
32 31 13 13-0451	EA	24' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,865.69	154.62
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-262.76*	
		For 1" Mesh Fabric, Add	*609.59*	
		For 1-1/4" Mesh Fabric, Add	*392.38*	
		For 1-3/4" Mesh Fabric, Add	*243.84*	
		For 2-1/8" Mesh Fabric, Deduct	*-121.92*	
		For Gate With Single Barb Wire Arm, Add	*154.15*	
		For Gate With Double Barb Wire Arm, Add	*224.22*	
32 31 13 13-0452	EA	26' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,040.51	173.95
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-284.65*	
		For 1" Mesh Fabric, Add	*660.39*	
		For 1-1/4" Mesh Fabric, Add	*425.08*	
		For 1-3/4" Mesh Fabric, Add	*264.16*	
		For 2-1/8" Mesh Fabric, Deduct	*-132.08*	
		For Gate With Single Barb Wire Arm, Add	*167.00*	
		For Gate With Double Barb Wire Arm, Add	*242.90*	
32 31 13 13-0453	EA	28' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,231.92	198.76
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-306.55*	
		For 1" Mesh Fabric, Add	*711.19*	
		For 1-1/4" Mesh Fabric, Add	*457.78*	
		For 1-3/4" Mesh Fabric, Add	*284.48*	
		For 2-1/8" Mesh Fabric, Deduct	*-142.24*	
		For Gate With Single Barb Wire Arm, Add	*179.84*	
		For Gate With Double Barb Wire Arm, Add	*261.59*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0454	EA	30' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,448.19	231.93
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-328.44*	
		For 1" Mesh Fabric, Add	*761.99*	
		For 1-1/4" Mesh Fabric, Add	*490.48*	
		For 1-3/4" Mesh Fabric, Add	*304.80*	
		For 2-1/8" Mesh Fabric, Deduct	*-152.40*	
		For Gate With Single Barb Wire Arm, Add	*192.69*	
		For Gate With Double Barb Wire Arm, Add	*280.27*	
32 31 13 13-0455		**7' Fence Height** *(32 31 13 13-0394)*		
32 31 13 13-0456	EA	3' Wide x 7' High Single Gate Vinyl Coated Without Barbed Wire Arm	260.51	35.65
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-28.75*	
		For 1" Mesh Fabric, Add	*66.69*	
		For 1-1/4" Mesh Fabric, Add	*42.93*	
		For 1-3/4" Mesh Fabric, Add	*26.68*	
		For 2-1/8" Mesh Fabric, Deduct	*-13.34*	
		For Gate With Single Barb Wire Arm, Add	*16.87*	
		For Gate With Double Barb Wire Arm, Add	*24.53*	
32 31 13 13-0457	EA	4' Wide x 7' High Single Gate Vinyl Coated Without Barbed Wire Arm	311.62	35.65
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-38.33*	
		For 1" Mesh Fabric, Add	*88.93*	
		For 1-1/4" Mesh Fabric, Add	*57.24*	
		For 1-3/4" Mesh Fabric, Add	*35.57*	
		For 2-1/8" Mesh Fabric, Deduct	*-17.79*	
		For Gate With Single Barb Wire Arm, Add	*22.49*	
		For Gate With Double Barb Wire Arm, Add	*32.71*	
32 31 13 13-0458	EA	5' Wide x 7' High Single Gate Vinyl Coated Without Barbed Wire Arm	355.42	37.50
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-45.52*	
		For 1" Mesh Fabric, Add	*105.61*	
		For 1-1/4" Mesh Fabric, Add	*67.98*	
		For 1-3/4" Mesh Fabric, Add	*42.24*	
		For 2-1/8" Mesh Fabric, Deduct	*-21.12*	
		For Gate With Single Barb Wire Arm, Add	*26.71*	
		For Gate With Double Barb Wire Arm, Add	*38.84*	
32 31 13 13-0459	EA	6' Wide x 7' High Single Gate Vinyl Coated Without Barbed Wire Arm	418.12	45.64
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-52.71*	
		For 1" Mesh Fabric, Add	*122.28*	
		For 1-1/4" Mesh Fabric, Add	*78.71*	
		For 1-3/4" Mesh Fabric, Add	*48.91*	
		For 2-1/8" Mesh Fabric, Deduct	*-24.46*	
		For Gate With Single Barb Wire Arm, Add	*30.92*	
		For Gate With Double Barb Wire Arm, Add	*44.98*	
32 31 13 13-0460	EA	7' Wide x 7' High Single Gate Vinyl Coated Without Barbed Wire Arm	479.69	53.42
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-59.90*	
		For 1" Mesh Fabric, Add	*138.96*	
		For 1-1/4" Mesh Fabric, Add	*89.44*	
		For 1-3/4" Mesh Fabric, Add	*55.58*	
		For 2-1/8" Mesh Fabric, Deduct	*-27.79*	
		For Gate With Single Barb Wire Arm, Add	*35.14*	
		For Gate With Double Barb Wire Arm, Add	*51.11*	
32 31 13 13-0461	EA	8' Wide x 7' High Single Gate Vinyl Coated Without Barbed Wire Arm	542.42	61.43
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-67.08*	
		For 1" Mesh Fabric, Add	*155.63*	
		For 1-1/4" Mesh Fabric, Add	*100.18*	
		For 1-3/4" Mesh Fabric, Add	*62.25*	
		For 2-1/8" Mesh Fabric, Deduct	*-31.13*	
		For Gate With Single Barb Wire Arm, Add	*39.36*	
		For Gate With Double Barb Wire Arm, Add	*57.24*	
32 31 13 13-0462	EA	9' Wide x 7' High Single Gate Vinyl Coated Without Barbed Wire Arm	603.96	69.21
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-74.27*	
		For 1" Mesh Fabric, Add	*172.30*	
		For 1-1/4" Mesh Fabric, Add	*110.91*	
		For 1-3/4" Mesh Fabric, Add	*68.92*	
		For 2-1/8" Mesh Fabric, Deduct	*-34.46*	
		For Gate With Single Barb Wire Arm, Add	*43.57*	
		For Gate With Double Barb Wire Arm, Add	*63.38*	
32 31 13 13-0463	EA	10' Wide x 7' High Single Gate Vinyl Coated Without Barbed Wire Arm	666.69	77.34
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-81.46*	
		For 1" Mesh Fabric, Add	*188.98*	
		For 1-1/4" Mesh Fabric, Add	*121.64*	
		For 1-3/4" Mesh Fabric, Add	*75.59*	
		For 2-1/8" Mesh Fabric, Deduct	*-37.80*	
		For Gate With Single Barb Wire Arm, Add	*47.79*	
		For Gate With Double Barb Wire Arm, Add	*69.51*	
32 31 13 13-0464	EA	10' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm	845.57	77.34
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-115.00*	
		For 1" Mesh Fabric, Add	*266.79*	
		For 1-1/4" Mesh Fabric, Add	*171.73*	
		For 1-3/4" Mesh Fabric, Add	*106.72*	
		For 2-1/8" Mesh Fabric, Deduct	*-53.36*	
		For Gate With Single Barb Wire Arm, Add	*67.47*	
		For Gate With Double Barb Wire Arm, Add	*98.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0465	EA	12' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,034.46	99.38
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-137.99*	
		For 1" Mesh Fabric, Add	*320.14*	
		For 1-1/4" Mesh Fabric, Add	*206.07*	
		For 1-3/4" Mesh Fabric, Add	*128.06*	
		For 2-1/8" Mesh Fabric, Deduct	*-64.03*	
		For Gate With Single Barb Wire Arm, Add	*80.96*	
		For Gate With Double Barb Wire Arm, Add	*117.75*	
32 31 13 13-0466	EA	14' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,180.10	107.09
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-161.00*	
		For 1" Mesh Fabric, Add	*373.51*	
		For 1-1/4" Mesh Fabric, Add	*240.42*	
		For 1-3/4" Mesh Fabric, Add	*149.40*	
		For 2-1/8" Mesh Fabric, Deduct	*-74.70*	
		For Gate With Single Barb Wire Arm, Add	*94.45*	
		For Gate With Double Barb Wire Arm, Add	*137.38*	
32 31 13 13-0467	EA	16' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,329.53	115.97
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-183.99*	
		For 1" Mesh Fabric, Add	*426.86*	
		For 1-1/4" Mesh Fabric, Add	*274.76*	
		For 1-3/4" Mesh Fabric, Add	*170.74*	
		For 2-1/8" Mesh Fabric, Deduct	*-85.37*	
		For Gate With Single Barb Wire Arm, Add	*107.94*	
		For Gate With Double Barb Wire Arm, Add	*157.00*	
32 31 13 13-0468	EA	18' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,483.86	126.55
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-206.99*	
		For 1" Mesh Fabric, Add	*480.22*	
		For 1-1/4" Mesh Fabric, Add	*309.11*	
		For 1-3/4" Mesh Fabric, Add	*192.09*	
		For 2-1/8" Mesh Fabric, Deduct	*-96.04*	
		For Gate With Single Barb Wire Arm, Add	*121.44*	
		For Gate With Double Barb Wire Arm, Add	*176.63*	
32 31 13 13-0469	EA	20' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,644.49	139.21
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-229.99*	
		For 1" Mesh Fabric, Add	*533.57*	
		For 1-1/4" Mesh Fabric, Add	*343.45*	
		For 1-3/4" Mesh Fabric, Add	*213.43*	
		For 2-1/8" Mesh Fabric, Deduct	*-106.71*	
		For Gate With Single Barb Wire Arm, Add	*134.93*	
		For Gate With Double Barb Wire Arm, Add	*196.26*	
32 31 13 13-0470	EA	22' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,813.58	154.62
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-252.98*	
		For 1" Mesh Fabric, Add	*586.92*	
		For 1-1/4" Mesh Fabric, Add	*377.79*	
		For 1-3/4" Mesh Fabric, Add	*234.77*	
		For 2-1/8" Mesh Fabric, Deduct	*-117.38*	
		For Gate With Single Barb Wire Arm, Add	*148.42*	
		For Gate With Double Barb Wire Arm, Add	*215.88*	
32 31 13 13-0471	EA	24' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,994.29	173.95
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-275.99*	
		For 1" Mesh Fabric, Add	*640.29*	
		For 1-1/4" Mesh Fabric, Add	*412.14*	
		For 1-3/4" Mesh Fabric, Add	*256.11*	
		For 2-1/8" Mesh Fabric, Deduct	*-128.06*	
		For Gate With Single Barb Wire Arm, Add	*161.91*	
		For Gate With Double Barb Wire Arm, Add	*235.51*	
32 31 13 13-0472	EA	26' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,191.60	198.76
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-298.99*	
		For 1" Mesh Fabric, Add	*693.65*	
		For 1-1/4" Mesh Fabric, Add	*446.49*	
		For 1-3/4" Mesh Fabric, Add	*277.46*	
		For 2-1/8" Mesh Fabric, Deduct	*-138.73*	
		For Gate With Single Barb Wire Arm, Add	*175.41*	
		For Gate With Double Barb Wire Arm, Add	*255.14*	
32 31 13 13-0473	EA	28' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,413.74	231.93
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-321.98*	
		For 1" Mesh Fabric, Add	*747.00*	
		For 1-1/4" Mesh Fabric, Add	*480.83*	
		For 1-3/4" Mesh Fabric, Add	*298.80*	
		For 2-1/8" Mesh Fabric, Deduct	*-149.40*	
		For Gate With Single Barb Wire Arm, Add	*188.90*	
		For Gate With Double Barb Wire Arm, Add	*274.76*	
32 31 13 13-0474	EA	30' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,675.72	278.30
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-344.99*	
		For 1" Mesh Fabric, Add	*800.37*	
		For 1-1/4" Mesh Fabric, Add	*515.18*	
		For 1-3/4" Mesh Fabric, Add	*320.15*	
		For 2-1/8" Mesh Fabric, Deduct	*-160.07*	
		For Gate With Single Barb Wire Arm, Add	*202.39*	
		For Gate With Double Barb Wire Arm, Add	*294.39*	

32 31 13 13-0475 8' Fence Height *(32 31 13 13-0394)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0476	EA	3' Wide x 8' High Single Gate Vinyl Coated Without Barbed Wire Arm	301.97	38.67
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-34.85*	
		For 1" Mesh Fabric, Add	*80.84*	
		For 1-1/4" Mesh Fabric, Add	*52.04*	
		For 1-3/4" Mesh Fabric, Add	*32.34*	
		For 2-1/8" Mesh Fabric, Deduct	*-16.17*	
		For Gate With Single Barb Wire Arm, Add	*20.44*	
		For Gate With Double Barb Wire Arm, Add	*29.73*	
32 31 13 13-0477	EA	4' Wide x 8' High Single Gate Vinyl Coated Without Barbed Wire Arm	363.92	38.67
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-46.46*	
		For 1" Mesh Fabric, Add	*107.79*	
		For 1-1/4" Mesh Fabric, Add	*69.38*	
		For 1-3/4" Mesh Fabric, Add	*43.12*	
		For 2-1/8" Mesh Fabric, Deduct	*-21.56*	
		For Gate With Single Barb Wire Arm, Add	*27.26*	
		For Gate With Double Barb Wire Arm, Add	*39.65*	
32 31 13 13-0478	EA	5' Wide x 8' High Single Gate Vinyl Coated Without Barbed Wire Arm	405.22	38.67
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-54.20*	
		For 1" Mesh Fabric, Add	*125.75*	
		For 1-1/4" Mesh Fabric, Add	*80.95*	
		For 1-3/4" Mesh Fabric, Add	*50.30*	
		For 2-1/8" Mesh Fabric, Deduct	*-25.15*	
		For Gate With Single Barb Wire Arm, Add	*31.80*	
		For Gate With Double Barb Wire Arm, Add	*46.25*	
32 31 13 13-0479	EA	6' Wide x 8' High Single Gate Vinyl Coated Without Barbed Wire Arm	476.69	48.77
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-61.95*	
		For 1" Mesh Fabric, Add	*143.72*	
		For 1-1/4" Mesh Fabric, Add	*92.51*	
		For 1-3/4" Mesh Fabric, Add	*57.49*	
		For 2-1/8" Mesh Fabric, Deduct	*-28.74*	
		For Gate With Single Barb Wire Arm, Add	*36.34*	
		For Gate With Double Barb Wire Arm, Add	*52.86*	
32 31 13 13-0480	EA	7' Wide x 8' High Single Gate Vinyl Coated Without Barbed Wire Arm	548.18	58.76
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-69.69*	
		For 1" Mesh Fabric, Add	*161.68*	
		For 1-1/4" Mesh Fabric, Add	*104.07*	
		For 1-3/4" Mesh Fabric, Add	*64.67*	
		For 2-1/8" Mesh Fabric, Deduct	*-32.34*	
		For Gate With Single Barb Wire Arm, Add	*40.88*	
		For Gate With Double Barb Wire Arm, Add	*59.47*	
32 31 13 13-0481	EA	8' Wide x 8' High Single Gate Vinyl Coated Without Barbed Wire Arm	618.52	68.40
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-77.43*	
		For 1" Mesh Fabric, Add	*179.65*	
		For 1-1/4" Mesh Fabric, Add	*115.63*	
		For 1-3/4" Mesh Fabric, Add	*71.86*	
		For 2-1/8" Mesh Fabric, Deduct	*-35.93*	
		For Gate With Single Barb Wire Arm, Add	*45.43*	
		For Gate With Double Barb Wire Arm, Add	*66.08*	
32 31 13 13-0482	EA	9' Wide x 8' High Single Gate Vinyl Coated Without Barbed Wire Arm	690.02	78.50
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-85.18*	
		For 1" Mesh Fabric, Add	*197.61*	
		For 1-1/4" Mesh Fabric, Add	*127.20*	
		For 1-3/4" Mesh Fabric, Add	*79.04*	
		For 2-1/8" Mesh Fabric, Deduct	*-39.52*	
		For Gate With Single Barb Wire Arm, Add	*49.97*	
		For Gate With Double Barb Wire Arm, Add	*72.68*	
32 31 13 13-0483	EA	10' Wide x 8' High Single Gate Vinyl Coated Without Barbed Wire Arm	761.50	88.60
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-92.92*	
		For 1" Mesh Fabric, Add	*215.58*	
		For 1-1/4" Mesh Fabric, Add	*138.76*	
		For 1-3/4" Mesh Fabric, Add	*86.23*	
		For 2-1/8" Mesh Fabric, Deduct	*-43.12*	
		For Gate With Single Barb Wire Arm, Add	*54.51*	
		For Gate With Double Barb Wire Arm, Add	*79.29*	
32 31 13 13-0484	EA	10' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,041.85	99.38
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-139.38*	
		For 1" Mesh Fabric, Add	*323.36*	
		For 1-1/4" Mesh Fabric, Add	*208.14*	
		For 1-3/4" Mesh Fabric, Add	*129.34*	
		For 2-1/8" Mesh Fabric, Deduct	*-64.67*	
		For Gate With Single Barb Wire Arm, Add	*81.77*	
		For Gate With Double Barb Wire Arm, Add	*118.94*	
32 31 13 13-0485	EA	12' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,213.49	107.09
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-167.26*	
		For 1" Mesh Fabric, Add	*388.03*	
		For 1-1/4" Mesh Fabric, Add	*249.77*	
		For 1-3/4" Mesh Fabric, Add	*155.21*	
		For 2-1/8" Mesh Fabric, Deduct	*-77.61*	
		For Gate With Single Barb Wire Arm, Add	*98.12*	
		For Gate With Double Barb Wire Arm, Add	*142.72*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0486	EA	14' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,388.95	115.97
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-195.13*	
		For 1" Mesh Fabric, Add	*452.70*	
		For 1-1/4" Mesh Fabric, Add	*291.40*	
		For 1-3/4" Mesh Fabric, Add	*181.08*	
		For 2-1/8" Mesh Fabric, Deduct	*-90.54*	
		For Gate With Single Barb Wire Arm, Add	*114.48*	
		For Gate With Double Barb Wire Arm, Add	*166.51*	
32 31 13 13-0487	EA	16' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,569.27	126.55
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-223.01*	
		For 1" Mesh Fabric, Add	*517.38*	
		For 1-1/4" Mesh Fabric, Add	*333.02*	
		For 1-3/4" Mesh Fabric, Add	*206.95*	
		For 2-1/8" Mesh Fabric, Deduct	*-103.48*	
		For Gate With Single Barb Wire Arm, Add	*130.83*	
		For Gate With Double Barb Wire Arm, Add	*190.30*	
32 31 13 13-0488	EA	18' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,755.93	139.21
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-250.88*	
		For 1" Mesh Fabric, Add	*582.05*	
		For 1-1/4" Mesh Fabric, Add	*374.65*	
		For 1-3/4" Mesh Fabric, Add	*232.82*	
		For 2-1/8" Mesh Fabric, Deduct	*-116.41*	
		For Gate With Single Barb Wire Arm, Add	*147.18*	
		For Gate With Double Barb Wire Arm, Add	*214.09*	
32 31 13 13-0489	EA	20' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,951.04	154.62
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-278.76*	
		For 1" Mesh Fabric, Add	*646.72*	
		For 1-1/4" Mesh Fabric, Add	*416.28*	
		For 1-3/4" Mesh Fabric, Add	*258.69*	
		For 2-1/8" Mesh Fabric, Deduct	*-129.34*	
		For Gate With Single Barb Wire Arm, Add	*163.54*	
		For Gate With Double Barb Wire Arm, Add	*237.87*	
32 31 13 13-0490	EA	22' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,157.75	173.95
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-306.63*	
		For 1" Mesh Fabric, Add	*711.39*	
		For 1-1/4" Mesh Fabric, Add	*457.91*	
		For 1-3/4" Mesh Fabric, Add	*284.56*	
		For 2-1/8" Mesh Fabric, Deduct	*-142.28*	
		For Gate With Single Barb Wire Arm, Add	*179.89*	
		For Gate With Double Barb Wire Arm, Add	*261.66*	
32 31 13 13-0491	EA	24' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,381.05	198.76
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-334.51*	
		For 1" Mesh Fabric, Add	*776.06*	
		For 1-1/4" Mesh Fabric, Add	*499.53*	
		For 1-3/4" Mesh Fabric, Add	*310.42*	
		For 2-1/8" Mesh Fabric, Deduct	*-155.21*	
		For Gate With Single Barb Wire Arm, Add	*196.25*	
		For Gate With Double Barb Wire Arm, Add	*285.45*	
32 31 13 13-0492	EA	26' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,629.21	231.93
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-362.39*	
		For 1" Mesh Fabric, Add	*840.73*	
		For 1-1/4" Mesh Fabric, Add	*541.16*	
		For 1-3/4" Mesh Fabric, Add	*336.29*	
		For 2-1/8" Mesh Fabric, Deduct	*-168.15*	
		For Gate With Single Barb Wire Arm, Add	*212.60*	
		For Gate With Double Barb Wire Arm, Add	*309.24*	
32 31 13 13-0493	EA	28' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,917.19	278.30
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-390.26*	
		For 1" Mesh Fabric, Add	*905.40*	
		For 1-1/4" Mesh Fabric, Add	*582.79*	
		For 1-3/4" Mesh Fabric, Add	*362.16*	
		For 2-1/8" Mesh Fabric, Deduct	*-181.08*	
		For Gate With Single Barb Wire Arm, Add	*228.95*	
		For Gate With Double Barb Wire Arm, Add	*333.02*	
32 31 13 13-0494	EA	30' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm	3,274.80	347.90
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-418.14*	
		For 1" Mesh Fabric, Add	*970.08*	
		For 1-1/4" Mesh Fabric, Add	*624.42*	
		For 1-3/4" Mesh Fabric, Add	*388.03*	
		For 2-1/8" Mesh Fabric, Deduct	*-194.02*	
		For Gate With Single Barb Wire Arm, Add	*245.31*	
		For Gate With Double Barb Wire Arm, Add	*356.81*	
32 31 13 13-0495		**10' Fence Height** *(32 31 13 13-0394)*		
32 31 13 13-0496	EA	3' Wide x 10' High Single Gate Vinyl Coated Without Barbed Wire Arm	344.61	42.97
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-40.42*	
		For 1" Mesh Fabric, Add	*93.78*	
		For 1-1/4" Mesh Fabric, Add	*60.36*	
		For 1-3/4" Mesh Fabric, Add	*37.51*	
		For 2-1/8" Mesh Fabric, Deduct	*-18.76*	
		For Gate With Single Barb Wire Arm, Add	*23.71*	
		For Gate With Double Barb Wire Arm, Add	*34.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0497	EA	4' Wide x 10' High Single Gate Vinyl Coated Without Barbed Wire Arm	416.47	42.97
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-53.90*	
		For 1" Mesh Fabric, Add	*125.04*	
		For 1-1/4" Mesh Fabric, Add	*80.48*	
		For 1-3/4" Mesh Fabric, Add	*50.01*	
		For 2-1/8" Mesh Fabric, Deduct	*-25.01*	
		For Gate With Single Barb Wire Arm, Add	*31.62*	
		For Gate With Double Barb Wire Arm, Add	*45.99*	
32 31 13 13-0498	EA	5' Wide x 10' High Gate Single Vinyl Coated Without Barbed Wire Arm	470.05	44.82
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-62.88*	
		For 1" Mesh Fabric, Add	*145.88*	
		For 1-1/4" Mesh Fabric, Add	*93.90*	
		For 1-3/4" Mesh Fabric, Add	*58.35*	
		For 2-1/8" Mesh Fabric, Deduct	*-29.18*	
		For Gate With Single Barb Wire Arm, Add	*36.89*	
		For Gate With Double Barb Wire Arm, Add	*53.66*	
32 31 13 13-0499	EA	6' Wide x 10' High Single Gate Vinyl Coated Without Barbed Wire Arm	550.48	55.74
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-71.86*	
		For 1" Mesh Fabric, Add	*166.72*	
		For 1-1/4" Mesh Fabric, Add	*107.31*	
		For 1-3/4" Mesh Fabric, Add	*66.69*	
		For 2-1/8" Mesh Fabric, Deduct	*-33.34*	
		For Gate With Single Barb Wire Arm, Add	*42.16*	
		For Gate With Double Barb Wire Arm, Add	*61.32*	
32 31 13 13-0500	EA	7' Wide x 10' High Single Gate Vinyl Coated Without Barbed Wire Arm	629.73	66.07
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-80.84*	
		For 1" Mesh Fabric, Add	*187.55*	
		For 1-1/4" Mesh Fabric, Add	*120.72*	
		For 1-3/4" Mesh Fabric, Add	*75.02*	
		For 2-1/8" Mesh Fabric, Deduct	*-37.51*	
		For Gate With Single Barb Wire Arm, Add	*47.43*	
		For Gate With Double Barb Wire Arm, Add	*68.99*	
32 31 13 13-0501	EA	8' Wide x 10' High Single Gate Vinyl Coated Without Barbed Wire Arm	710.16	77.00
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-89.83*	
		For 1" Mesh Fabric, Add	*208.40*	
		For 1-1/4" Mesh Fabric, Add	*134.14*	
		For 1-3/4" Mesh Fabric, Add	*83.36*	
		For 2-1/8" Mesh Fabric, Deduct	*-41.68*	
		For Gate With Single Barb Wire Arm, Add	*52.70*	
		For Gate With Double Barb Wire Arm, Add	*76.65*	
32 31 13 13-0502	EA	9' Wide x 10' High Single Gate Vinyl Coated Without Barbed Wire Arm	789.42	87.44
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-98.81*	
		For 1" Mesh Fabric, Add	*229.24*	
		For 1-1/4" Mesh Fabric, Add	*147.56*	
		For 1-3/4" Mesh Fabric, Add	*91.70*	
		For 2-1/8" Mesh Fabric, Deduct	*-45.85*	
		For Gate With Single Barb Wire Arm, Add	*57.97*	
		For Gate With Double Barb Wire Arm, Add	*84.32*	
32 31 13 13-0503	EA	10' Wide x 10' High Single Gate Vinyl Coated Without Barbed Wire Arm	869.86	98.24
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-107.79*	
		For 1" Mesh Fabric, Add	*250.08*	
		For 1-1/4" Mesh Fabric, Add	*160.97*	
		For 1-3/4" Mesh Fabric, Add	*100.03*	
		For 2-1/8" Mesh Fabric, Deduct	*-50.02*	
		For Gate With Single Barb Wire Arm, Add	*63.24*	
		For Gate With Double Barb Wire Arm, Add	*91.98*	
32 31 13 13-0504	EA	10' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,193.99	110.48
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-161.69*	
		For 1" Mesh Fabric, Add	*375.11*	
		For 1-1/4" Mesh Fabric, Add	*241.45*	
		For 1-3/4" Mesh Fabric, Add	*150.05*	
		For 2-1/8" Mesh Fabric, Deduct	*-75.02*	
		For Gate With Single Barb Wire Arm, Add	*94.86*	
		For Gate With Double Barb Wire Arm, Add	*137.97*	
32 31 13 13-0505	EA	12' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,391.85	118.83
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-194.03*	
		For 1" Mesh Fabric, Add	*450.14*	
		For 1-1/4" Mesh Fabric, Add	*289.74*	
		For 1-3/4" Mesh Fabric, Add	*180.06*	
		For 2-1/8" Mesh Fabric, Deduct	*-90.03*	
		For Gate With Single Barb Wire Arm, Add	*113.83*	
		For Gate With Double Barb Wire Arm, Add	*165.57*	
32 31 13 13-0506	EA	14' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,594.20	128.89
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-226.36*	
		For 1" Mesh Fabric, Add	*525.16*	
		For 1-1/4" Mesh Fabric, Add	*338.03*	
		For 1-3/4" Mesh Fabric, Add	*210.06*	
		For 2-1/8" Mesh Fabric, Deduct	*-105.03*	
		For Gate With Single Barb Wire Arm, Add	*132.80*	
		For Gate With Double Barb Wire Arm, Add	*193.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0507	EA	16' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,801.67	140.52
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-258.70*	
		For 1" Mesh Fabric, Add	*600.18*	
		For 1-1/4" Mesh Fabric, Add	*386.32*	
		For 1-3/4" Mesh Fabric, Add	*240.07*	
		For 2-1/8" Mesh Fabric, Deduct	*-120.04*	
		For Gate With Single Barb Wire Arm, Add	*151.77*	
		For Gate With Double Barb Wire Arm, Add	*220.76*	
32 31 13 13-0508	EA	18' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,016.52	154.62
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-291.04*	
		For 1" Mesh Fabric, Add	*675.20*	
		For 1-1/4" Mesh Fabric, Add	*434.61*	
		For 1-3/4" Mesh Fabric, Add	*270.08*	
		For 2-1/8" Mesh Fabric, Deduct	*-135.04*	
		For Gate With Single Barb Wire Arm, Add	*170.74*	
		For Gate With Double Barb Wire Arm, Add	*248.35*	
32 31 13 13-0509	EA	20' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,240.32	171.73
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-323.37*	
		For 1" Mesh Fabric, Add	*750.22*	
		For 1-1/4" Mesh Fabric, Add	*482.90*	
		For 1-3/4" Mesh Fabric, Add	*300.09*	
		For 2-1/8" Mesh Fabric, Deduct	*-150.04*	
		For Gate With Single Barb Wire Arm, Add	*189.71*	
		For Gate With Double Barb Wire Arm, Add	*275.94*	
32 31 13 13-0510	EA	22' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,477.54	193.28
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-355.71*	
		For 1" Mesh Fabric, Add	*825.25*	
		For 1-1/4" Mesh Fabric, Add	*531.19*	
		For 1-3/4" Mesh Fabric, Add	*330.10*	
		For 2-1/8" Mesh Fabric, Deduct	*-165.05*	
		For Gate With Single Barb Wire Arm, Add	*208.68*	
		For Gate With Double Barb Wire Arm, Add	*303.54*	
32 31 13 13-0511	EA	24 Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,732.50	220.70
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-388.05*	
		For 1" Mesh Fabric, Add	*900.27*	
		For 1-1/4" Mesh Fabric, Add	*579.49*	
		For 1-3/4" Mesh Fabric, Add	*360.11*	
		For 2-1/8" Mesh Fabric, Deduct	*-180.05*	
		For Gate With Single Barb Wire Arm, Add	*227.65*	
		For Gate With Double Barb Wire Arm, Add	*331.13*	
32 31 13 13-0512	EA	26' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm	3,015.93	257.66
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-420.38*	
		For 1" Mesh Fabric, Add	*975.29*	
		For 1-1/4" Mesh Fabric, Add	*627.77*	
		For 1-3/4" Mesh Fabric, Add	*390.12*	
		For 2-1/8" Mesh Fabric, Deduct	*-195.06*	
		For Gate With Single Barb Wire Arm, Add	*246.63*	
		For Gate With Double Barb Wire Arm, Add	*358.73*	
32 31 13 13-0513	EA	28' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm	3,342.36	308.98
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-452.72*	
		For 1" Mesh Fabric, Add	*1,050.32*	
		For 1-1/4" Mesh Fabric, Add	*676.07*	
		For 1-3/4" Mesh Fabric, Add	*420.13*	
		For 2-1/8" Mesh Fabric, Deduct	*-210.06*	
		For Gate With Single Barb Wire Arm, Add	*265.60*	
		For Gate With Double Barb Wire Arm, Add	*386.32*	
32 31 13 13-0514	EA	30' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm	3,747.80	386.55
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-485.06*	
		For 1" Mesh Fabric, Add	*1,125.34*	
		For 1-1/4" Mesh Fabric, Add	*724.35*	
		For 1-3/4" Mesh Fabric, Add	*450.13*	
		For 2-1/8" Mesh Fabric, Deduct	*-225.07*	
		For Gate With Single Barb Wire Arm, Add	*284.57*	
		For Gate With Double Barb Wire Arm, Add	*413.92*	

32 31 13 13-0515 12' Fence Height *(32 31 13 13-0394)*

32 31 13 13-0516	EA	3' Wide x 12' High Single Gate Vinyl Coated Without Barbed Wire Arm	444.01	47.73
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-56.37*	
		For 1" Mesh Fabric, Add	*130.78*	
		For 1-1/4" Mesh Fabric, Add	*84.18*	
		For 1-3/4" Mesh Fabric, Add	*52.31*	
		For 2-1/8" Mesh Fabric, Deduct	*-26.16*	
		For Gate With Single Barb Wire Arm, Add	*33.07*	
		For Gate With Double Barb Wire Arm, Add	*48.10*	
32 31 13 13-0517	EA	4' Wide x 12' High Single Gate Vinyl Coated Without Barbed Wire Arm	543.95	47.73
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-75.11*	
		For 1" Mesh Fabric, Add	*174.26*	
		For 1-1/4" Mesh Fabric, Add	*112.17*	
		For 1-3/4" Mesh Fabric, Add	*69.70*	
		For 2-1/8" Mesh Fabric, Deduct	*-34.85*	
		For Gate With Single Barb Wire Arm, Add	*44.06*	
		For Gate With Double Barb Wire Arm, Add	*64.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0518	EA	5' Wide x 12' High Single Gate Vinyl Coated Without Barbed Wire Arm	623.57	49.47
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-89.05*	
		For 1" Mesh Fabric, Add	*206.59*	
		For 1-1/4" Mesh Fabric, Add	*132.98*	
		For 1-3/4" Mesh Fabric, Add	*82.64*	
		For 2-1/8" Mesh Fabric, Deduct	*-41.32*	
		For Gate With Single Barb Wire Arm, Add	*52.24*	
		For Gate With Double Barb Wire Arm, Add	*75.99*	
32 31 13 13-0519	EA	6' Wide x 12' High Single Gate Vinyl Coated Without Barbed Wire Arm	721.51	61.43
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-100.66*	
		For 1" Mesh Fabric, Add	*233.54*	
		For 1-1/4" Mesh Fabric, Add	*150.32*	
		For 1-3/4" Mesh Fabric, Add	*93.42*	
		For 2-1/8" Mesh Fabric, Deduct	*-46.71*	
		For Gate With Single Barb Wire Arm, Add	*59.06*	
		For Gate With Double Barb Wire Arm, Add	*85.90*	
32 31 13 13-0520	EA	7' Wide x 12' High Single Gate Vinyl Coated Without Barbed Wire Arm	826.35	73.51
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-113.57*	
		For 1" Mesh Fabric, Add	*263.48*	
		For 1-1/4" Mesh Fabric, Add	*169.60*	
		For 1-3/4" Mesh Fabric, Add	*105.39*	
		For 2-1/8" Mesh Fabric, Deduct	*-52.70*	
		For Gate With Single Barb Wire Arm, Add	*66.63*	
		For Gate With Double Barb Wire Arm, Add	*96.91*	
32 31 13 13-0521	EA	8' Wide x 12' High Single Gate Vinyl Coated Without Barbed Wire Arm	930.01	85.12
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-126.47*	
		For 1" Mesh Fabric, Add	*293.42*	
		For 1-1/4" Mesh Fabric, Add	*188.87*	
		For 1-3/4" Mesh Fabric, Add	*117.37*	
		For 2-1/8" Mesh Fabric, Deduct	*-58.68*	
		For Gate With Single Barb Wire Arm, Add	*74.20*	
		For Gate With Double Barb Wire Arm, Add	*107.92*	
32 31 13 13-0522	EA	9' Wide x 12' High Single Gate Vinyl Coated Without Barbed Wire Arm	1,034.84	97.08
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-139.38*	
		For 1" Mesh Fabric, Add	*323.36*	
		For 1-1/4" Mesh Fabric, Add	*208.14*	
		For 1-3/4" Mesh Fabric, Add	*129.34*	
		For 2-1/8" Mesh Fabric, Deduct	*-64.67*	
		For Gate With Single Barb Wire Arm, Add	*81.77*	
		For Gate With Double Barb Wire Arm, Add	*118.94*	
32 31 13 13-0523	EA	10' Wide x 12' High Single Gate Vinyl Coated Without Barbed Wire Arm	1,132.79	109.04
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-151.00*	
		For 1" Mesh Fabric, Add	*350.31*	
		For 1-1/4" Mesh Fabric, Add	*225.49*	
		For 1-3/4" Mesh Fabric, Add	*140.12*	
		For 2-1/8" Mesh Fabric, Deduct	*-70.06*	
		For Gate With Single Barb Wire Arm, Add	*88.58*	
		For Gate With Double Barb Wire Arm, Add	*128.85*	
32 31 13 13-0524	EA	10' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,575.93	122.76
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-226.42*	
		For 1" Mesh Fabric, Add	*525.28*	
		For 1-1/4" Mesh Fabric, Add	*338.11*	
		For 1-3/4" Mesh Fabric, Add	*210.11*	
		For 2-1/8" Mesh Fabric, Deduct	*-105.06*	
		For Gate With Single Barb Wire Arm, Add	*132.83*	
		For Gate With Double Barb Wire Arm, Add	*193.21*	
32 31 13 13-0525	EA	12' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,885.02	132.16
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-279.07*	
		For 1" Mesh Fabric, Add	*647.45*	
		For 1-1/4" Mesh Fabric, Add	*416.75*	
		For 1-3/4" Mesh Fabric, Add	*258.98*	
		For 2-1/8" Mesh Fabric, Deduct	*-129.49*	
		For Gate With Single Barb Wire Arm, Add	*163.72*	
		For Gate With Double Barb Wire Arm, Add	*238.14*	
32 31 13 13-0526	EA	14' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,167.76	143.13
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-325.84*	
		For 1" Mesh Fabric, Add	*755.95*	
		For 1-1/4" Mesh Fabric, Add	*486.59*	
		For 1-3/4" Mesh Fabric, Add	*302.38*	
		For 2-1/8" Mesh Fabric, Deduct	*-151.19*	
		For Gate With Single Barb Wire Arm, Add	*191.16*	
		For Gate With Double Barb Wire Arm, Add	*278.05*	
32 31 13 13-0527	EA	16' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,454.53	156.06
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-372.30*	
		For 1" Mesh Fabric, Add	*863.74*	
		For 1-1/4" Mesh Fabric, Add	*555.97*	
		For 1-3/4" Mesh Fabric, Add	*345.50*	
		For 2-1/8" Mesh Fabric, Deduct	*-172.75*	
		For Gate With Single Barb Wire Arm, Add	*218.42*	
		For Gate With Double Barb Wire Arm, Add	*317.70*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0528	EA	18' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,746.01	171.86
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-418.14*	
		For 1" Mesh Fabric, Add	*970.09*	
		For 1-1/4" Mesh Fabric, Add	*624.43*	
		For 1-3/4" Mesh Fabric, Add	*388.04*	
		For 2-1/8" Mesh Fabric, Deduct	*-194.02*	
		For Gate With Single Barb Wire Arm, Add	*245.31*	
		For Gate With Double Barb Wire Arm, Add	*356.81*	
32 31 13 13-0529	EA	20' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm	3,050.65	190.80
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-464.60*	
		For 1" Mesh Fabric, Add	*1,077.88*	
		For 1-1/4" Mesh Fabric, Add	*693.81*	
		For 1-3/4" Mesh Fabric, Add	*431.15*	
		For 2-1/8" Mesh Fabric, Deduct	*-215.58*	
		For Gate With Single Barb Wire Arm, Add	*272.57*	
		For Gate With Double Barb Wire Arm, Add	*396.46*	
32 31 13 13-0530	EA	22' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm	3,370.57	214.70
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-511.06*	
		For 1" Mesh Fabric, Add	*1,185.67*	
		For 1-1/4" Mesh Fabric, Add	*763.19*	
		For 1-3/4" Mesh Fabric, Add	*474.27*	
		For 2-1/8" Mesh Fabric, Deduct	*-237.13*	
		For Gate With Single Barb Wire Arm, Add	*299.82*	
		For Gate With Double Barb Wire Arm, Add	*436.11*	
32 31 13 13-0531	EA	24' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm	3,710.02	245.25
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-557.52*	
		For 1" Mesh Fabric, Add	*1,293.46*	
		For 1-1/4" Mesh Fabric, Add	*832.57*	
		For 1-3/4" Mesh Fabric, Add	*517.38*	
		For 2-1/8" Mesh Fabric, Deduct	*-258.69*	
		For Gate With Single Barb Wire Arm, Add	*327.08*	
		For Gate With Double Barb Wire Arm, Add	*475.75*	
32 31 13 13-0532	EA	26' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm	4,089.37	286.39
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-605.53*	
		For 1" Mesh Fabric, Add	*1,404.83*	
		For 1-1/4" Mesh Fabric, Add	*904.26*	
		For 1-3/4" Mesh Fabric, Add	*561.93*	
		For 2-1/8" Mesh Fabric, Deduct	*-280.97*	
		For Gate With Single Barb Wire Arm, Add	*355.25*	
		For Gate With Double Barb Wire Arm, Add	*516.72*	
32 31 13 13-0533	EA	28' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm	4,508.22	343.33
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-651.99*	
		For 1" Mesh Fabric, Add	*1,512.62*	
		For 1-1/4" Mesh Fabric, Add	*973.64*	
		For 1-3/4" Mesh Fabric, Add	*605.05*	
		For 2-1/8" Mesh Fabric, Deduct	*-302.52*	
		For Gate With Single Barb Wire Arm, Add	*382.50*	
		For Gate With Double Barb Wire Arm, Add	*556.37*	
32 31 13 13-0534	EA	30' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm	5,014.89	429.52
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	*-698.45*	
		For 1" Mesh Fabric, Add	*1,620.41*	
		For 1-1/4" Mesh Fabric, Add	*1,043.02*	
		For 1-3/4" Mesh Fabric, Add	*648.16*	
		For 2-1/8" Mesh Fabric, Deduct	*-324.08*	
		For Gate With Single Barb Wire Arm, Add	*409.76*	
		For Gate With Double Barb Wire Arm, Add	*596.01*	

32 31 13 13-0535 Chain Link Galvanized Steel Sliding Gate *(32 31 13 13-0252)*

Note: Includes posts (3" diameter posts for up to 15' wide gate and 4" diameter over 15' wide), caps, upper and lower rails, track brackets, roller gate wheel carrier, track rollers, 2" diameter Schedule 40 pipe frame top and bottom bar, and 1-1/2" bracing. Includes truss rod, latches, track rollers with brackets, pipe track clamps and two wheel carriers. Fabric: galvanized chain link 2" mesh # 9 gauge, galvanized 1.2 ounce coating. See CSI section 32 31 13 13-0621 for additonal gate accessories, 32 31 13 13-0680 for gate repacement parts.

32 31 13 13-0536 4' High Chain Link Galvanized Steel Sliding Gate *(32 31 13 13-0535)*

32 31 13 13-0537	EA	10' Long x 4' High Chain Link Galvanized Steel Sliding Gate	3,134.31	423.90
		For 1" Mesh Fabric, Add	*994.60*	
		For 1-1/4" Mesh Fabric, Add	*640.20*	
		For 1-3/4" Mesh Fabric, Add	*397.84*	
		For 2-1/8" Mesh Fabric, Deduct	*-198.92*	
		For Gate With Barb Wire Arm, Add	*251.51*	
		For Vinyl Coated, Add	*685.93*	
32 31 13 13-0538	EA	12' Long x 4' High Chain Link Galvanized Steel Sliding Gate	3,767.18	511.79
		For 1" Mesh Fabric, Add	*1,193.52*	
		For 1-1/4" Mesh Fabric, Add	*768.24*	
		For 1-3/4" Mesh Fabric, Add	*477.41*	
		For 2-1/8" Mesh Fabric, Deduct	*-238.70*	
		For Gate With Barb Wire Arm, Add	*301.81*	
		For Vinyl Coated, Add	*823.12*	
32 31 13 13-0539	EA	14' Long x 4' High Chain Link Galvanized Steel Sliding Gate	4,395.29	597.07
		For 1" Mesh Fabric, Add	*1,392.44*	
		For 1-1/4" Mesh Fabric, Add	*896.29*	
		For 1-3/4" Mesh Fabric, Add	*556.98*	
		For 2-1/8" Mesh Fabric, Deduct	*-278.49*	
		For Gate With Barb Wire Arm, Add	*352.11*	
		For Vinyl Coated, Add	*960.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0540	EA	16' Long x 4' High Chain Link Galvanized Steel Sliding Gate	5,030.81	686.27
		For 1" Mesh Fabric, Add	*1,591.36*	
		For 1-1/4" Mesh Fabric, Add	*1,024.33*	
		For 1-3/4" Mesh Fabric, Add	*636.55*	
		For 2-1/8" Mesh Fabric, Deduct	*-318.27*	
		For Gate With Barb Wire Arm, Add	*402.41*	
		For Vinyl Coated, Add	*1,097.49*	
32 31 13 13-0541	EA	18' Long x 4' High Chain Link Galvanized Steel Sliding Gate	5,659.71	772.07
		For 1" Mesh Fabric, Add	*1,790.29*	
		For 1-1/4" Mesh Fabric, Add	*1,152.37*	
		For 1-3/4" Mesh Fabric, Add	*716.11*	
		For 2-1/8" Mesh Fabric, Deduct	*-358.06*	
		For Gate With Barb Wire Arm, Add	*452.72*	
		For Vinyl Coated, Add	*1,234.68*	
32 31 13 13-0542	EA	20' Long x 4' High Chain Link Galvanized Steel Sliding Gate	6,272.77	849.90
		For 1" Mesh Fabric, Add	*1,989.21*	
		For 1-1/4" Mesh Fabric, Add	*1,280.41*	
		For 1-3/4" Mesh Fabric, Add	*795.68*	
		For 2-1/8" Mesh Fabric, Deduct	*-397.84*	
		For Gate With Barb Wire Arm, Add	*503.02*	
		For Vinyl Coated, Add	*1,371.87*	
32 31 13 13-0543	EA	24' Long x 4' High Chain Link Galvanized Steel Sliding Gate	7,494.11	1,023.46
		For 1" Mesh Fabric, Add	*2,369.53*	
		For 1-1/4" Mesh Fabric, Add	*1,525.22*	
		For 1-3/4" Mesh Fabric, Add	*947.81*	
		For 2-1/8" Mesh Fabric, Deduct	*-473.91*	
		For Gate With Barb Wire Arm, Add	*599.19*	
		For Vinyl Coated, Add	*1,634.16*	
32 31 13 13-0544	EA	30' Long x 4' High Chain Link Galvanized Steel Sliding Gate	10,723.02	1,931.86
		For 1" Mesh Fabric, Add	*2,983.81*	
		For 1-1/4" Mesh Fabric, Add	*1,920.61*	
		For 1-3/4" Mesh Fabric, Add	*1,193.52*	
		For 2-1/8" Mesh Fabric, Deduct	*-596.76*	
		For Gate With Barb Wire Arm, Add	*754.53*	
		For Vinyl Coated, Add	*2,057.80*	
32 31 13 13-0545	EA	40' Long x 4' High Chain Link Galvanized Steel Sliding Gate	14,297.36	2,575.82
		For 1" Mesh Fabric, Add	*3,978.41*	
		For 1-1/4" Mesh Fabric, Add	*2,560.82*	
		For 1-3/4" Mesh Fabric, Add	*1,591.36*	
		For 2-1/8" Mesh Fabric, Deduct	*-795.68*	
		For Gate With Barb Wire Arm, Add	*1,006.03*	
		For Vinyl Coated, Add	*2,743.73*	
32 31 13 13-0546		**5' High Chain Link Galvanized Steel Sliding Gate** *(32 31 13 13-0535)*		
32 31 13 13-0547	EA	10' Long x 5' High Chain Link Galvanized Steel Sliding Gate	3,276.40	461.38
		For 1" Mesh Fabric, Add	*1,023.83*	
		For 1-1/4" Mesh Fabric, Add	*659.02*	
		For 1-3/4" Mesh Fabric, Add	*409.53*	
		For 2-1/8" Mesh Fabric, Deduct	*-204.77*	
		For Gate With Barb Wire Arm, Add	*258.90*	
		For Vinyl Coated, Add	*706.09*	
32 31 13 13-0548	EA	12' Long x 5' High Chain Link Galvanized Steel Sliding Gate	3,930.39	553.06
		For 1" Mesh Fabric, Add	*1,228.60*	
		For 1-1/4" Mesh Fabric, Add	*790.82*	
		For 1-3/4" Mesh Fabric, Add	*491.44*	
		For 2-1/8" Mesh Fabric, Deduct	*-245.72*	
		For Gate With Barb Wire Arm, Add	*310.68*	
		For Vinyl Coated, Add	*847.31*	
32 31 13 13-0549	EA	14' Long x 5' High Chain Link Galvanized Steel Sliding Gate	4,585.22	645.13
		For 1" Mesh Fabric, Add	*1,433.37*	
		For 1-1/4" Mesh Fabric, Add	*922.63*	
		For 1-3/4" Mesh Fabric, Add	*573.35*	
		For 2-1/8" Mesh Fabric, Deduct	*-286.67*	
		For Gate With Barb Wire Arm, Add	*362.46*	
		For Vinyl Coated, Add	*988.53*	
32 31 13 13-0550	EA	16' Long x 5' High Chain Link Galvanized Steel Sliding Gate	5,240.63	737.46
		For 1" Mesh Fabric, Add	*1,638.14*	
		For 1-1/4" Mesh Fabric, Add	*1,054.43*	
		For 1-3/4" Mesh Fabric, Add	*655.25*	
		For 2-1/8" Mesh Fabric, Deduct	*-327.63*	
		For Gate With Barb Wire Arm, Add	*414.24*	
		For Vinyl Coated, Add	*1,129.75*	
32 31 13 13-0551	EA	18' Long x 5' High Chain Link Galvanized Steel Sliding Gate	5,895.40	829.39
		For 1" Mesh Fabric, Add	*1,842.90*	
		For 1-1/4" Mesh Fabric, Add	*1,186.23*	
		For 1-3/4" Mesh Fabric, Add	*737.16*	
		For 2-1/8" Mesh Fabric, Deduct	*-368.58*	
		For Gate With Barb Wire Arm, Add	*466.02*	
		For Vinyl Coated, Add	*1,270.97*	
32 31 13 13-0552	EA	20' Long x 5' High Chain Link Galvanized Steel Sliding Gate	6,550.51	921.60
		For 1" Mesh Fabric, Add	*2,047.67*	
		For 1-1/4" Mesh Fabric, Add	*1,318.04*	
		For 1-3/4" Mesh Fabric, Add	*819.07*	
		For 2-1/8" Mesh Fabric, Deduct	*-409.53*	
		For Gate With Barb Wire Arm, Add	*517.80*	
		For Vinyl Coated, Add	*1,412.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0553	EA	24' Long x 5' High Chain Link Galvanized Steel Sliding Gate	7,821.68	1,107.16
		For 1" Mesh Fabric, Add	*2,439.18*	
		For 1-1/4" Mesh Fabric, Add	*1,570.04*	
		For 1-3/4" Mesh Fabric, Add	*975.67*	
		For 2-1/8" Mesh Fabric, Deduct	*-487.84*	
		For Gate With Barb Wire Arm, Add	*616.80*	
		For Vinyl Coated, Add	*1,682.19*	
32 31 13 13-0554	EA	30' Long x 5' High Chain Link Galvanized Steel Sliding Gate	9,826.25	1,382.71
		For 1" Mesh Fabric, Add	*3,071.50*	
		For 1-1/4" Mesh Fabric, Add	*1,977.06*	
		For 1-3/4" Mesh Fabric, Add	*1,228.60*	
		For 2-1/8" Mesh Fabric, Deduct	*-614.30*	
		For Gate With Barb Wire Arm, Add	*776.70*	
		For Vinyl Coated, Add	*2,118.28*	
32 31 13 13-0555	EA	40' Long x 5' High Chain Link Galvanized Steel Sliding Gate	13,101.02	1,843.19
		For 1" Mesh Fabric, Add	*4,095.33*	
		For 1-1/4" Mesh Fabric, Add	*2,636.08*	
		For 1-3/4" Mesh Fabric, Add	*1,638.13*	
		For 2-1/8" Mesh Fabric, Deduct	*-819.07*	
		For Gate With Barb Wire Arm, Add	*1,035.60*	
		For Vinyl Coated, Add	*2,824.37*	
32 31 13 13-0556		6' High Chain Link Galvanized Steel Sliding Gate *(32 31 13 13-0535)*		
32 31 13 13-0557	EA	10' Long x 6' High Chain Link Galvanized Steel Sliding Gate	3,482.41	540.91
		For 1" Mesh Fabric, Add	*1,044.30*	
		For 1-1/4" Mesh Fabric, Add	*672.19*	
		For 1-3/4" Mesh Fabric, Add	*417.72*	
		For 2-1/8" Mesh Fabric, Deduct	*-208.86*	
		For Gate With Barb Wire Arm, Add	*264.07*	
		For Vinyl Coated, Add	*720.20*	
32 31 13 13-0558	EA	12' Long x 6' High Chain Link Galvanized Steel Sliding Gate	4,175.10	647.09
		For 1" Mesh Fabric, Add	*1,253.16*	
		For 1-1/4" Mesh Fabric, Add	*806.63*	
		For 1-3/4" Mesh Fabric, Add	*501.26*	
		For 2-1/8" Mesh Fabric, Deduct	*-250.63*	
		For Gate With Barb Wire Arm, Add	*316.89*	
		For Vinyl Coated, Add	*864.25*	
32 31 13 13-0559	EA	14' Long x 6' High Chain Link Galvanized Steel Sliding Gate	4,870.69	754.82
		For 1" Mesh Fabric, Add	*1,462.01*	
		For 1-1/4" Mesh Fabric, Add	*941.07*	
		For 1-3/4" Mesh Fabric, Add	*584.81*	
		For 2-1/8" Mesh Fabric, Deduct	*-292.40*	
		For Gate With Barb Wire Arm, Add	*369.70*	
		For Vinyl Coated, Add	*1,008.29*	
32 31 13 13-0560	EA	16' Long x 6' High Chain Link Galvanized Steel Sliding Gate	5,566.79	862.83
		For 1" Mesh Fabric, Add	*1,670.87*	
		For 1-1/4" Mesh Fabric, Add	*1,075.51*	
		For 1-3/4" Mesh Fabric, Add	*668.35*	
		For 2-1/8" Mesh Fabric, Deduct	*-334.17*	
		For Gate With Barb Wire Arm, Add	*422.52*	
		For Vinyl Coated, Add	*1,152.33*	
32 31 13 13-0561	EA	18' Long x 6' High Chain Link Galvanized Steel Sliding Gate	6,262.40	970.57
		For 1" Mesh Fabric, Add	*1,879.73*	
		For 1-1/4" Mesh Fabric, Add	*1,209.94*	
		For 1-3/4" Mesh Fabric, Add	*751.89*	
		For 2-1/8" Mesh Fabric, Deduct	*-375.95*	
		For Gate With Barb Wire Arm, Add	*475.33*	
		For Vinyl Coated, Add	*1,296.37*	
32 31 13 13-0562	EA	20' Long x 6' High Chain Link Galvanized Steel Sliding Gate	6,965.28	1,081.96
		For 1" Mesh Fabric, Add	*2,088.59*	
		For 1-1/4" Mesh Fabric, Add	*1,344.38*	
		For 1-3/4" Mesh Fabric, Add	*835.44*	
		For 2-1/8" Mesh Fabric, Deduct	*-417.72*	
		For Gate With Barb Wire Arm, Add	*528.15*	
		For Vinyl Coated, Add	*1,440.41*	
32 31 13 13-0563	EA	24' Long x 6' High Chain Link Galvanized Steel Sliding Gate	8,307.93	1,294.31
		For 1" Mesh Fabric, Add	*2,487.93*	
		For 1-1/4" Mesh Fabric, Add	*1,601.42*	
		For 1-3/4" Mesh Fabric, Add	*995.17*	
		For 2-1/8" Mesh Fabric, Deduct	*-497.59*	
		For Gate With Barb Wire Arm, Add	*629.13*	
		For Vinyl Coated, Add	*1,715.81*	
32 31 13 13-0564	EA	30' Long x 6' High Chain Link Galvanized Steel Sliding Gate	10,438.54	1,618.30
		For 1" Mesh Fabric, Add	*3,132.89*	
		For 1-1/4" Mesh Fabric, Add	*2,016.57*	
		For 1-3/4" Mesh Fabric, Add	*1,253.15*	
		For 2-1/8" Mesh Fabric, Deduct	*-626.58*	
		For Gate With Barb Wire Arm, Add	*792.22*	
		For Vinyl Coated, Add	*2,160.61*	
32 31 13 13-0565	EA	40' Long x 6' High Chain Link Galvanized Steel Sliding Gate	13,916.27	2,156.75
		For 1" Mesh Fabric, Add	*4,177.18*	
		For 1-1/4" Mesh Fabric, Add	*2,688.76*	
		For 1-3/4" Mesh Fabric, Add	*1,670.87*	
		For 2-1/8" Mesh Fabric, Deduct	*-835.44*	
		For Gate With Barb Wire Arm, Add	*1,056.30*	
		For Vinyl Coated, Add	*2,880.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0566		**7' High Chain Link Galvanized Steel Sliding Gate** *(32 31 13 13-0535)*		
32 31 13 13-0567	EA	10' Long x 7' High Chain Link Galvanized Steel Sliding Gate	3,701.44	603.34
		For 1" Mesh Fabric, Add	*1,085.22*	
		For 1-1/4" Mesh Fabric, Add	*698.53*	
		For 1-3/4" Mesh Fabric, Add	*434.09*	
		For 2-1/8" Mesh Fabric, Deduct	*-217.04*	
		For Gate With Barb Wire Arm, Add	*274.42*	
		For Vinyl Coated, Add	*748.43*	
32 31 13 13-0568	EA	12' Long x 7' High Chain Link Galvanized Steel Sliding Gate	4,440.81	723.48
		For 1" Mesh Fabric, Add	*1,302.30*	
		For 1-1/4" Mesh Fabric, Add	*838.26*	
		For 1-3/4" Mesh Fabric, Add	*520.92*	
		For 2-1/8" Mesh Fabric, Deduct	*-260.46*	
		For Gate With Barb Wire Arm, Add	*329.32*	
		For Vinyl Coated, Add	*898.14*	
32 31 13 13-0569	EA	14' Long x 7' High Chain Link Galvanized Steel Sliding Gate	5,182.08	844.68
		For 1" Mesh Fabric, Add	*1,519.30*	
		For 1-1/4" Mesh Fabric, Add	*977.94*	
		For 1-3/4" Mesh Fabric, Add	*607.72*	
		For 2-1/8" Mesh Fabric, Deduct	*-303.86*	
		For Gate With Barb Wire Arm, Add	*384.19*	
		For Vinyl Coated, Add	*1,047.80*	
32 31 13 13-0570	EA	16' Long x 7' High Chain Link Galvanized Steel Sliding Gate	5,921.33	964.82
		For 1" Mesh Fabric, Add	*1,736.35*	
		For 1-1/4" Mesh Fabric, Add	*1,117.65*	
		For 1-3/4" Mesh Fabric, Add	*694.54*	
		For 2-1/8" Mesh Fabric, Deduct	*-347.27*	
		For Gate With Barb Wire Arm, Add	*439.08*	
		For Vinyl Coated, Add	*1,197.49*	
32 31 13 13-0571	EA	18' Long x 7' High Chain Link Galvanized Steel Sliding Gate	6,661.68	1,085.62
		For 1" Mesh Fabric, Add	*1,953.39*	
		For 1-1/4" Mesh Fabric, Add	*1,257.36*	
		For 1-3/4" Mesh Fabric, Add	*781.36*	
		For 2-1/8" Mesh Fabric, Deduct	*-390.68*	
		For Gate With Barb Wire Arm, Add	*493.96*	
		For Vinyl Coated, Add	*1,347.17*	
32 31 13 13-0572	EA	20' Long x 7' High Chain Link Galvanized Steel Sliding Gate	7,401.21	1,205.90
		For 1" Mesh Fabric, Add	*2,170.45*	
		For 1-1/4" Mesh Fabric, Add	*1,397.07*	
		For 1-3/4" Mesh Fabric, Add	*868.18*	
		For 2-1/8" Mesh Fabric, Deduct	*-434.09*	
		For Gate With Barb Wire Arm, Add	*548.85*	
		For Vinyl Coated, Add	*1,496.86*	
32 31 13 13-0573	EA	24' Long x 7' High Chain Link Galvanized Steel Sliding Gate	8,837.53	1,446.97
		For 1" Mesh Fabric, Add	*2,585.42*	
		For 1-1/4" Mesh Fabric, Add	*1,664.18*	
		For 1-3/4" Mesh Fabric, Add	*1,034.17*	
		For 2-1/8" Mesh Fabric, Deduct	*-517.08*	
		For Gate With Barb Wire Arm, Add	*653.79*	
		For Vinyl Coated, Add	*1,783.05*	
32 31 13 13-0574	EA	30' Long x 7' High Chain Link Galvanized Steel Sliding Gate	11,101.80	1,808.72
		For 1" Mesh Fabric, Add	*3,255.66*	
		For 1-1/4" Mesh Fabric, Add	*2,095.60*	
		For 1-3/4" Mesh Fabric, Add	*1,302.26*	
		For 2-1/8" Mesh Fabric, Deduct	*-651.13*	
		For Gate With Barb Wire Arm, Add	*823.27*	
		For Vinyl Coated, Add	*2,245.28*	
32 31 13 13-0575	EA	40' Long x 7' High Chain Link Galvanized Steel Sliding Gate	14,802.41	2,411.66
		For 1" Mesh Fabric, Add	*4,340.88*	
		For 1-1/4" Mesh Fabric, Add	*2,794.13*	
		For 1-3/4" Mesh Fabric, Add	*1,736.35*	
		For 2-1/8" Mesh Fabric, Deduct	*-868.18*	
		For Gate With Barb Wire Arm, Add	*1,097.69*	
		For Vinyl Coated, Add	*2,993.71*	
32 31 13 13-0576		**8' High Chain Link Galvanized Steel Sliding Gate** *(32 31 13 13-0535)*		
32 31 13 13-0577	EA	10' Long x 8' High Chain Link Galvanized Steel Sliding Gate	3,875.92	653.62
		For 1" Mesh Fabric, Add	*1,117.38*	
		For 1-1/4" Mesh Fabric, Add	*719.23*	
		For 1-3/4" Mesh Fabric, Add	*446.95*	
		For 2-1/8" Mesh Fabric, Deduct	*-223.48*	
		For Gate With Barb Wire Arm, Add	*282.56*	
		For Vinyl Coated, Add	*770.61*	
32 31 13 13-0578	EA	12' Long x 8' High Chain Link Galvanized Steel Sliding Gate	4,647.35	782.51
		For 1" Mesh Fabric, Add	*1,340.85*	
		For 1-1/4" Mesh Fabric, Add	*863.08*	
		For 1-3/4" Mesh Fabric, Add	*536.34*	
		For 2-1/8" Mesh Fabric, Deduct	*-268.17*	
		For Gate With Barb Wire Arm, Add	*339.07*	
		For Vinyl Coated, Add	*924.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0579	EA	14' Long x 8' High Chain Link Galvanized Steel Sliding Gate	5,421.98	912.98
		For 1" Mesh Fabric, Add	*1,564.32*	
		For 1-1/4" Mesh Fabric, Add	*1,006.92*	
		For 1-3/4" Mesh Fabric, Add	*625.73*	
		For 2-1/8" Mesh Fabric, Deduct	*-312.86*	
		For Gate With Barb Wire Arm, Add	*395.58*	
		For Vinyl Coated, Add	*1,078.84*	
32 31 13 13-0580	EA	16' Long x 8' High Chain Link Galvanized Steel Sliding Gate	6,196.86	1,043.44
		For 1" Mesh Fabric, Add	*1,787.80*	
		For 1-1/4" Mesh Fabric, Add	*1,150.77*	
		For 1-3/4" Mesh Fabric, Add	*715.12*	
		For 2-1/8" Mesh Fabric, Deduct	*-357.56*	
		For Gate With Barb Wire Arm, Add	*452.09*	
		For Vinyl Coated, Add	*1,232.96*	
32 31 13 13-0581	EA	18' Long x 8' High Chain Link Galvanized Steel Sliding Gate	6,970.29	1,173.38
		For 1" Mesh Fabric, Add	*2,011.27*	
		For 1-1/4" Mesh Fabric, Add	*1,294.61*	
		For 1-3/4" Mesh Fabric, Add	*804.51*	
		For 2-1/8" Mesh Fabric, Deduct	*-402.25*	
		For Gate With Barb Wire Arm, Add	*508.60*	
		For Vinyl Coated, Add	*1,387.08*	
32 31 13 13-0582	EA	20' Long x 8' High Chain Link Galvanized Steel Sliding Gate	7,745.30	1,303.97
		For 1" Mesh Fabric, Add	*2,234.75*	
		For 1-1/4" Mesh Fabric, Add	*1,438.46*	
		For 1-3/4" Mesh Fabric, Add	*893.90*	
		For 2-1/8" Mesh Fabric, Deduct	*-446.95*	
		For Gate With Barb Wire Arm, Add	*565.11*	
		For Vinyl Coated, Add	*1,541.21*	
32 31 13 13-0583	EA	24' Long x 8' High Chain Link Galvanized Steel Sliding Gate	9,249.45	1,564.89
		For 1" Mesh Fabric, Add	*2,662.03*	
		For 1-1/4" Mesh Fabric, Add	*1,713.49*	
		For 1-3/4" Mesh Fabric, Add	*1,064.81*	
		For 2-1/8" Mesh Fabric, Deduct	*-532.41*	
		For Gate With Barb Wire Arm, Add	*673.16*	
		For Vinyl Coated, Add	*1,835.88*	
32 31 13 13-0584	EA	30' Long x 8' High Chain Link Galvanized Steel Sliding Gate	11,618.93	1,956.41
		For 1" Mesh Fabric, Add	*3,352.13*	
		For 1-1/4" Mesh Fabric, Add	*2,157.69*	
		For 1-3/4" Mesh Fabric, Add	*1,340.85*	
		For 2-1/8" Mesh Fabric, Deduct	*-670.43*	
		For Gate With Barb Wire Arm, Add	*847.66*	
		For Vinyl Coated, Add	*2,311.81*	
32 31 13 13-0585	EA	40' Long x 8' High Chain Link Galvanized Steel Sliding Gate	15,487.99	2,606.63
		For 1" Mesh Fabric, Add	*4,469.49*	
		For 1-1/4" Mesh Fabric, Add	*2,876.92*	
		For 1-3/4" Mesh Fabric, Add	*1,787.80*	
		For 2-1/8" Mesh Fabric, Deduct	*-893.90*	
		For Gate With Barb Wire Arm, Add	*1,130.22*	
		For Vinyl Coated, Add	*3,082.41*	

32 31 13 13-0586 9' High Chain Link Galvanized Steel Sliding Gate *(32 31 13 13-0535)*

32 31 13 13-0587	EA	10' Long x 9' High Chain Link Galvanized Steel Sliding Gate	4,082.11	713.04
		For 1" Mesh Fabric, Add	*1,155.37*	
		For 1-1/4" Mesh Fabric, Add	*743.69*	
		For 1-3/4" Mesh Fabric, Add	*462.15*	
		For 2-1/8" Mesh Fabric, Deduct	*-231.07*	
		For Gate With Barb Wire Arm, Add	*292.16*	
		For Vinyl Coated, Add	*796.81*	
32 31 13 13-0588	EA	12' Long x 9' High Chain Link Galvanized Steel Sliding Gate	4,893.23	853.03
		For 1" Mesh Fabric, Add	*1,386.45*	
		For 1-1/4" Mesh Fabric, Add	*892.43*	
		For 1-3/4" Mesh Fabric, Add	*554.58*	
		For 2-1/8" Mesh Fabric, Deduct	*-277.29*	
		For Gate With Barb Wire Arm, Add	*350.60*	
		For Vinyl Coated, Add	*956.17*	
32 31 13 13-0589	EA	14' Long x 9' High Chain Link Galvanized Steel Sliding Gate	5,708.45	994.99
		For 1" Mesh Fabric, Add	*1,617.53*	
		For 1-1/4" Mesh Fabric, Add	*1,041.17*	
		For 1-3/4" Mesh Fabric, Add	*647.01*	
		For 2-1/8" Mesh Fabric, Deduct	*-323.51*	
		For Gate With Barb Wire Arm, Add	*409.03*	
		For Vinyl Coated, Add	*1,115.54*	
32 31 13 13-0590	EA	16' Long x 9' High Chain Link Galvanized Steel Sliding Gate	6,524.79	1,137.59
		For 1" Mesh Fabric, Add	*1,848.60*	
		For 1-1/4" Mesh Fabric, Add	*1,189.90*	
		For 1-3/4" Mesh Fabric, Add	*739.44*	
		For 2-1/8" Mesh Fabric, Deduct	*-369.72*	
		For Gate With Barb Wire Arm, Add	*467.46*	
		For Vinyl Coated, Add	*1,274.90*	
32 31 13 13-0591	EA	18' Long x 9' High Chain Link Galvanized Steel Sliding Gate	7,340.25	1,279.68
		For 1" Mesh Fabric, Add	*2,079.67*	
		For 1-1/4" Mesh Fabric, Add	*1,338.64*	
		For 1-3/4" Mesh Fabric, Add	*831.87*	
		For 2-1/8" Mesh Fabric, Deduct	*-415.93*	
		For Gate With Barb Wire Arm, Add	*525.89*	
		For Vinyl Coated, Add	*1,434.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0592	EA	20' Long x 9' High Chain Link Galvanized Steel Sliding Gate	8,155.69	1,421.76
		For 1" Mesh Fabric, Add	*2,310.75*	
		For 1-1/4" Mesh Fabric, Add	*1,487.38*	
		For 1-3/4" Mesh Fabric, Add	*924.30*	
		For 2-1/8" Mesh Fabric, Deduct	*-462.15*	
		For Gate With Barb Wire Arm, Add	*584.33*	
		For Vinyl Coated, Add	*1,593.62*	
32 31 13 13-0593	EA	24' Long x 9' High Chain Link Galvanized Steel Sliding Gate	9,739.68	1,705.94
		For 1" Mesh Fabric, Add	*2,752.56*	
		For 1-1/4" Mesh Fabric, Add	*1,771.76*	
		For 1-3/4" Mesh Fabric, Add	*1,101.02*	
		For 2-1/8" Mesh Fabric, Deduct	*-550.51*	
		For Gate With Barb Wire Arm, Add	*696.05*	
		For Vinyl Coated, Add	*1,898.32*	
32 31 13 13-0594	EA	30' Long x 9' High Chain Link Galvanized Steel Sliding Gate	12,232.36	2,132.19
		For 1" Mesh Fabric, Add	*3,466.12*	
		For 1-1/4" Mesh Fabric, Add	*2,231.07*	
		For 1-3/4" Mesh Fabric, Add	*1,386.45*	
		For 2-1/8" Mesh Fabric, Deduct	*-693.22*	
		For Gate With Barb Wire Arm, Add	*876.49*	
		For Vinyl Coated, Add	*2,390.43*	
32 31 13 13-0595	EA	40' Long x 9' High Chain Link Galvanized Steel Sliding Gate	16,314.47	2,845.22
		For 1" Mesh Fabric, Add	*4,621.51*	
		For 1-1/4" Mesh Fabric, Add	*2,974.76*	
		For 1-3/4" Mesh Fabric, Add	*1,848.60*	
		For 2-1/8" Mesh Fabric, Deduct	*-924.30*	
		For Gate With Barb Wire Arm, Add	*1,168.66*	
		For Vinyl Coated, Add	*3,187.25*	
32 31 13 13-0596		**10' High Chain Link Galvanized Steel Sliding Gate** *(32 31 13 13-0535)*		
32 31 13 13-0597	EA	10' Long x 10' High Chain Link Galvanized Steel Sliding Gate	4,338.95	784.34
		For 1" Mesh Fabric, Add	*1,205.07*	
		For 1-1/4" Mesh Fabric, Add	*775.68*	
		For 1-3/4" Mesh Fabric, Add	*482.03*	
		For 2-1/8" Mesh Fabric, Deduct	*-241.01*	
		For Gate With Barb Wire Arm, Add	*304.73*	
		For Vinyl Coated, Add	*831.08*	
32 31 13 13-0598	EA	12' Long x 10' High Chain Link Galvanized Steel Sliding Gate	5,206.75	941.18
		For 1" Mesh Fabric, Add	*1,446.08*	
		For 1-1/4" Mesh Fabric, Add	*930.81*	
		For 1-3/4" Mesh Fabric, Add	*578.43*	
		For 2-1/8" Mesh Fabric, Deduct	*-289.22*	
		For Gate With Barb Wire Arm, Add	*365.68*	
		For Vinyl Coated, Add	*997.30*	
32 31 13 13-0599	EA	14' Long x 10' High Chain Link Galvanized Steel Sliding Gate	6,075.07	1,098.28
		For 1" Mesh Fabric, Add	*1,687.10*	
		For 1-1/4" Mesh Fabric, Add	*1,085.95*	
		For 1-3/4" Mesh Fabric, Add	*674.84*	
		For 2-1/8" Mesh Fabric, Deduct	*-337.42*	
		For Gate With Barb Wire Arm, Add	*426.62*	
		For Vinyl Coated, Add	*1,163.52*	
32 31 13 13-0600	EA	16' Long x 10' High Chain Link Galvanized Steel Sliding Gate	6,942.64	1,255.13
		For 1" Mesh Fabric, Add	*1,928.12*	
		For 1-1/4" Mesh Fabric, Add	*1,241.09*	
		For 1-3/4" Mesh Fabric, Add	*771.25*	
		For 2-1/8" Mesh Fabric, Deduct	*-385.62*	
		For Gate With Barb Wire Arm, Add	*487.57*	
		For Vinyl Coated, Add	*1,329.74*	
32 31 13 13-0601	EA	18' Long x 10' High Chain Link Galvanized Steel Sliding Gate	7,810.11	1,411.84
		For 1" Mesh Fabric, Add	*2,169.12*	
		For 1-1/4" Mesh Fabric, Add	*1,396.21*	
		For 1-3/4" Mesh Fabric, Add	*867.65*	
		For 2-1/8" Mesh Fabric, Deduct	*-433.82*	
		For Gate With Barb Wire Arm, Add	*548.51*	
		For Vinyl Coated, Add	*1,495.94*	
32 31 13 13-0602	EA	20' Long x 10' High Chain Link Galvanized Steel Sliding Gate	8,677.91	1,568.68
		For 1" Mesh Fabric, Add	*2,410.13*	
		For 1-1/4" Mesh Fabric, Add	*1,551.35*	
		For 1-3/4" Mesh Fabric, Add	*964.05*	
		For 2-1/8" Mesh Fabric, Deduct	*-482.03*	
		For Gate With Barb Wire Arm, Add	*609.46*	
		For Vinyl Coated, Add	*1,662.16*	
32 31 13 13-0603	EA	24' Long x 10' High Chain Link Galvanized Steel Sliding Gate	10,366.08	1,883.15
		For 1" Mesh Fabric, Add	*2,870.95*	
		For 1-1/4" Mesh Fabric, Add	*1,847.97*	
		For 1-3/4" Mesh Fabric, Add	*1,148.38*	
		For 2-1/8" Mesh Fabric, Deduct	*-574.19*	
		For Gate With Barb Wire Arm, Add	*725.99*	
		For Vinyl Coated, Add	*1,979.96*	
32 31 13 13-0604	EA	30' Long x 10' High Chain Link Galvanized Steel Sliding Gate	13,016.86	2,353.03
		For 1" Mesh Fabric, Add	*3,615.20*	
		For 1-1/4" Mesh Fabric, Add	*2,327.03*	
		For 1-3/4" Mesh Fabric, Add	*1,446.08*	
		For 2-1/8" Mesh Fabric, Deduct	*-723.04*	
		For Gate With Barb Wire Arm, Add	*914.19*	
		For Vinyl Coated, Add	*2,493.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0605	EA	40' Long x 10' High Chain Link Galvanized Steel Sliding Gate	17,352.08	3,135.53
		For 1" Mesh Fabric, Add	*4,820.28*	
		For 1-1/4" Mesh Fabric, Add	*3,102.71*	
		For 1-3/4" Mesh Fabric, Add	*1,928.11*	
		For 2-1/8" Mesh Fabric, Deduct	*-964.06*	
		For Gate With Barb Wire Arm, Add	*1,218.92*	
		For Vinyl Coated, Add	*3,324.33*	
32 31 13 13-0606		Sliding Cantilever Gate, Single Track, Manually Operated Exposed Roller *(32 31 13 13-0252)*		
		Note: Includes posts (3" diameter posts for up to 15' wide gate and 4" diameter over 15' wide), caps, upper rail, track brackets, roller gate wheel carrier, metal track rollers for rail, 2" diameter Schedule 40 pipe frame top and bottom bar, and 1-1/2" bracing. Includes truss rod, latches, single track, track rollers with brackets, pipe track clamps and two wheel carriers. Fabric: galvanized chain link 2" mesh # 9 gauge, galvanized 1.2 ounce coating. Width listed on tasks is opening width of gate. See CSI section 32 31 11 00-0021 for gate operators.		
32 31 13 13-0607	EA	5' High x 10' Wide Galvanized Cantilever Sliding Gate	6,616.51	522.37
		For 1" Mesh Fabric, Add	*2,423.72*	
		For 1-1/4" Mesh Fabric, Add	*1,560.10*	
		For 1-3/4" Mesh Fabric, Add	*969.49*	
		For 2-1/8" Mesh Fabric, Deduct	*-484.74*	
		For Gate With Single Barb Wire Arm, Add	*612.89*	
		For Gate With Double Barb Wire Arm, Add	*891.48*	
		For Aluminized Steel Gate And Post, Add	*2,674.45*	
		For Powder Coated Gate And Post, Add	*1,170.07*	
		For Vinyl Coated, Add	*1,671.53*	
32 31 13 13-0608	EA	5' High x 12' Wide Galvanized Cantilever Sliding Gate	7,256.99	652.97
		For 1" Mesh Fabric, Add	*2,588.71*	
		For 1-1/4" Mesh Fabric, Add	*1,666.30*	
		For 1-3/4" Mesh Fabric, Add	*1,035.48*	
		For 2-1/8" Mesh Fabric, Deduct	*-517.74*	
		For Gate With Single Barb Wire Arm, Add	*654.62*	
		For Gate With Double Barb Wire Arm, Add	*952.17*	
		For Aluminized Steel Gate And Post, Add	*2,856.51*	
		For Powder Coated Gate And Post, Add	*1,249.72*	
		For Vinyl Coated, Add	*1,785.32*	
32 31 13 13-0609	EA	5' High x 15' Wide Galvanized Cantilever Sliding Gate	7,902.67	783.56
		For 1" Mesh Fabric, Add	*2,755.97*	
		For 1-1/4" Mesh Fabric, Add	*1,773.96*	
		For 1-3/4" Mesh Fabric, Add	*1,102.39*	
		For 2-1/8" Mesh Fabric, Deduct	*-551.19*	
		For Gate With Single Barb Wire Arm, Add	*696.91*	
		For Gate With Double Barb Wire Arm, Add	*1,013.69*	
		For Aluminized Steel Gate And Post, Add	*3,041.07*	
		For Powder Coated Gate And Post, Add	*1,330.47*	
		For Vinyl Coated, Add	*1,900.67*	
32 31 13 13-0610	EA	5' High x 20' Wide Galvanized Cantilever Sliding Gate	9,269.78	1,044.74
		For 1" Mesh Fabric, Add	*3,123.43*	
		For 1-1/4" Mesh Fabric, Add	*2,010.48*	
		For 1-3/4" Mesh Fabric, Add	*1,249.37*	
		For 2-1/8" Mesh Fabric, Deduct	*-624.69*	
		For Gate With Single Barb Wire Arm, Add	*789.83*	
		For Gate With Double Barb Wire Arm, Add	*1,148.85*	
		For Aluminized Steel Gate And Post, Add	*3,446.54*	
		For Powder Coated Gate And Post, Add	*1,507.86*	
		For Vinyl Coated, Add	*2,154.09*	
32 31 13 13-0611	EA	6' High x 15' Wide Galvanized Cantilever Sliding Gate	8,614.37	1,044.74
		For 1" Mesh Fabric, Add	*2,838.32*	
		For 1-1/4" Mesh Fabric, Add	*1,826.97*	
		For 1-3/4" Mesh Fabric, Add	*1,135.33*	
		For 2-1/8" Mesh Fabric, Deduct	*-567.66*	
		For Gate With Single Barb Wire Arm, Add	*717.74*	
		For Gate With Double Barb Wire Arm, Add	*1,043.98*	
		For Aluminized Steel Gate And Post, Add	*3,131.94*	
		For Powder Coated Gate And Post, Add	*1,370.22*	
		For Vinyl Coated, Add	*1,957.46*	
32 31 13 13-0612	EA	6' High x 20' Wide Galvanized Cantilever Sliding Gate	10,090.77	1,371.23
		For 1" Mesh Fabric, Add	*3,196.51*	
		For 1-1/4" Mesh Fabric, Add	*2,057.53*	
		For 1-3/4" Mesh Fabric, Add	*1,278.61*	
		For 2-1/8" Mesh Fabric, Deduct	*-639.30*	
		For Gate With Single Barb Wire Arm, Add	*808.31*	
		For Gate With Double Barb Wire Arm, Add	*1,175.73*	
		For Aluminized Steel Gate And Post, Add	*3,527.19*	
		For Powder Coated Gate And Post, Add	*1,543.15*	
		For Vinyl Coated, Add	*2,204.49*	
32 31 13 13-0613	EA	6' High x 25' Wide Galvanized Cantilever Sliding Gate	13,382.81	1,697.71
		For 1" Mesh Fabric, Add	*4,344.52*	
		For 1-1/4" Mesh Fabric, Add	*2,796.47*	
		For 1-3/4" Mesh Fabric, Add	*1,737.81*	
		For 2-1/8" Mesh Fabric, Deduct	*-868.90*	
		For Gate With Single Barb Wire Arm, Add	*1,098.61*	
		For Gate With Double Barb Wire Arm, Add	*1,597.98*	
		For Aluminized Steel Gate And Post, Add	*4,793.95*	
		For Powder Coated Gate And Post, Add	*2,097.35*	
		For Vinyl Coated, Add	*2,996.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0614	EA	6' High x 30' Wide Galvanized Cantilever Sliding Gate	15,070.72	2,024.19
		For 1" Mesh Fabric, Add	*4,794.72*	
		For 1-1/4" Mesh Fabric, Add	*3,086.26*	
		For 1-3/4" Mesh Fabric, Add	*1,917.89*	
		For 2-1/8" Mesh Fabric, Deduct	*-958.94*	
		For Gate With Single Barb Wire Arm, Add	*1,212.46*	
		For Gate With Double Barb Wire Arm, Add	*1,763.57*	
		For Aluminized Steel Gate And Post, Add	*5,290.72*	
		For Powder Coated Gate And Post, Add	*2,314.69*	
		For Vinyl Coated, Add	*3,306.70*	
32 31 13 13-0615	EA	6' High x 36' Wide Galvanized Cantilever Sliding Gate	17,666.97	2,220.08
		For 1" Mesh Fabric, Add	*5,753.66*	
		For 1-1/4" Mesh Fabric, Add	*3,703.51*	
		For 1-3/4" Mesh Fabric, Add	*2,301.46*	
		For 2-1/8" Mesh Fabric, Deduct	*-1,150.73*	
		For Gate With Single Barb Wire Arm, Add	*1,454.95*	
		For Gate With Double Barb Wire Arm, Add	*2,116.29*	
		For Aluminized Steel Gate And Post, Add	*6,348.87*	
		For Powder Coated Gate And Post, Add	*2,777.63*	
		For Vinyl Coated, Add	*3,968.04*	
32 31 13 13-0616	EA	8' High x 15' Wide Galvanized Cantilever Sliding Gate	10,077.02	1,305.93
		For 1" Mesh Fabric, Add	*3,247.34*	
		For 1-1/4" Mesh Fabric, Add	*2,090.24*	
		For 1-3/4" Mesh Fabric, Add	*1,298.94*	
		For 2-1/8" Mesh Fabric, Deduct	*-649.47*	
		For Gate With Single Barb Wire Arm, Add	*821.17*	
		For Gate With Double Barb Wire Arm, Add	*1,194.43*	
		For Aluminized Steel Gate And Post, Add	*3,583.28*	
		For Powder Coated Gate And Post, Add	*1,567.68*	
		For Vinyl Coated, Add	*2,239.55*	
32 31 13 13-0617	EA	8' High x 20' Wide Galvanized Cantilever Sliding Gate	11,931.87	1,763.01
		For 1" Mesh Fabric, Add	*3,656.55*	
		For 1-1/4" Mesh Fabric, Add	*2,353.64*	
		For 1-3/4" Mesh Fabric, Add	*1,462.62*	
		For 2-1/8" Mesh Fabric, Deduct	*-731.31*	
		For Gate With Single Barb Wire Arm, Add	*924.64*	
		For Gate With Double Barb Wire Arm, Add	*1,344.94*	
		For Aluminized Steel Gate And Post, Add	*4,034.81*	
		For Powder Coated Gate And Post, Add	*1,765.23*	
		For Vinyl Coated, Add	*2,521.76*	
32 31 13 13-0618	EA	8' High x 25' Wide Galvanized Cantilever Sliding Gate	15,864.86	2,220.08
		For 1" Mesh Fabric, Add	*4,969.74*	
		For 1-1/4" Mesh Fabric, Add	*3,198.92*	
		For 1-3/4" Mesh Fabric, Add	*1,987.90*	
		For 2-1/8" Mesh Fabric, Deduct	*-993.95*	
		For Gate With Single Barb Wire Arm, Add	*1,256.72*	
		For Gate With Double Barb Wire Arm, Add	*1,827.95*	
		For Aluminized Steel Gate And Post, Add	*5,483.86*	
		For Powder Coated Gate And Post, Add	*2,399.19*	
		For Vinyl Coated, Add	*3,427.41*	
32 31 13 13-0619	EA	8' High x 30' Wide Galvanized Cantilever Sliding Gate	17,830.85	2,611.86
		For 1" Mesh Fabric, Add	*5,484.11*	
		For 1-1/4" Mesh Fabric, Add	*3,530.00*	
		For 1-3/4" Mesh Fabric, Add	*2,193.64*	
		For 2-1/8" Mesh Fabric, Deduct	*-1,096.82*	
		For Gate With Single Barb Wire Arm, Add	*1,386.79*	
		For Gate With Double Barb Wire Arm, Add	*2,017.14*	
		For Aluminized Steel Gate And Post, Add	*6,051.43*	
		For Powder Coated Gate And Post, Add	*2,647.50*	
		For Vinyl Coated, Add	*3,782.14*	
32 31 13 13-0620	EA	8' High x 36' Wide Galvanized Cantilever Sliding Gate	20,874.66	2,873.04
		For 1" Mesh Fabric, Add	*6,580.93*	
		For 1-1/4" Mesh Fabric, Add	*4,236.00*	
		For 1-3/4" Mesh Fabric, Add	*2,632.37*	
		For 2-1/8" Mesh Fabric, Deduct	*-1,316.19*	
		For Gate With Single Barb Wire Arm, Add	*1,664.14*	
		For Gate With Double Barb Wire Arm, Add	*2,420.57*	
		For Aluminized Steel Gate And Post, Add	*7,261.71*	
		For Powder Coated Gate And Post, Add	*3,177.00*	
		For Vinyl Coated, Add	*4,538.57*	

32 31 13 13-0621 Gate Accessories *(32 31 13 13-0252)*

32 31 13 13-0622	EA	Gate Center Stop, Cast Steel, Ground	45.71	
32 31 13 13-0623	EA	Gate Latch, Malleable Galvanized Steel	59.58	
32 31 13 13-0624	EA	Gate Keeper, Full Length, Galvanized Steel	273.34	
32 31 13 13-0625	EA	Gate Keeper Hold-Open For Cantilever Gate	113.02	22.06
32 31 13 13-0626	EA	Heavy Duty Gate Latch, Malleable Galvanized Steel	64.47	
32 31 13 13-0627	EA	Gate Keeper, Full Length, Stainless Steel, Internal Locking Device With 3/4" Stainless Steel Rod For 3' To 5' High Gate	1,146.01	
32 31 13 13-0628	EA	Gate Keeper, Full Length, Stainless Steel, Internal Locking Device With 3/4" Stainless Steel Rod For >5' To 8' High Gate	1,228.86	
32 31 13 13-0629	EA	Gate Keeper, Full Length, Stainless Steel, Internal Locking Device With 3/4" Stainless Steel Rod For >8' To 12' High Gate	1,311.72	
32 31 13 13-0630	LF	Aluminum V-Groove Gate Track	63.26	12.79
32 31 13 13-0631	LF	Galvanized Steel V-Groove Gate Track	48.62	12.79

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0632		**Accessories** *(32 31 13 13)*		
32 31 13 13-0633		**Barbed And Concertina Wire** *(32 31 13 13-0632)*		
32 31 13 13-0634		**Single Strand Barbed Wire** *(32 31 13 13-0633)*		
32 31 13 13-0635	LF	12-1/2 Gauge, 4 Points, 5" O. C., ASTM A121, Class 1, Galvanized Barbed Wire, Per Strand Note: Includes clips. 4 points 12-1/2 Gauge, Class I.	1.25	0.58
		For >500 To 2,000, Deduct	*-0.06*	
		For >2,000 To 5,000, Deduct	*-0.09*	
32 31 13 13-0636	LF	12-1/2 Gauge, 4 Points, 5" O. C., ASTM A121, Class 3, Galvanized Barbed Wire, Per Strand	1.28	0.58
		For >500 To 2,000, Deduct	*-0.06*	
		For >2,000 To 5,000, Deduct	*-0.09*	
32 31 13 13-0637	LF	Vinyl Coated Barbed Wire (Fused), Per Strand Note: Includes clips.	1.35	0.58
		For >500 To 2,000, Deduct	*-0.06*	
		For >2,000 To 5,000, Deduct	*-0.09*	
32 31 13 13-0638	EA	Chain Link 2-1/2" (2-3/8" OD) x 1-5/8", 3 Strand, 45 Degree, Galvanized Steel, Barbed Wire Single Arm	14.85	9.29
32 31 13 13-0639	EA	Chain Link 2-1/2" (2-3/8" OD) x 1-5/8", 6 Strand, 45 Degree, Galvanized Steel, Barbed Wire V-Barb Arm	23.50	11.15
32 31 13 13-0640	EA	Barbed Wire Eye Tops (For Single Strand)	13.86	9.29
32 31 13 13-0641		**Galvanized Steel Concertina (Razor) Wire, Single Coil** *(32 31 13 13-0633)*		
32 31 13 13-0642	LF	18" Diameter, 18" On Center Galvanized Concertina (Razor) Wire, Attach To Every 6th Barb On Top Of Chain Link Fence, Per LF Of Fence	5.73	0.81
		For >500 To 1,500, Deduct	*-0.49*	
		For >1,500 To 5,000, Deduct	*-0.98*	
		For >5,000, Deduct	*-1.38*	
		For Ground Installation, Deduct	*-0.58*	
		For Double Coil (Helix), Add	*4.57*	
32 31 13 13-0643	LF	18" Diameter, 12" On Center Galvanized Concertina (Razor) Wire, Attach To Every 4th Barb On Top Of Chain Link Fence, Per LF Of Fence	8.65	0.81
		For >500 To 1,500, Deduct	*-0.74*	
		For >1,500 To 5,000, Deduct	*-1.47*	
		For >5,000, Deduct	*-2.08*	
		For Ground Installation, Deduct	*-0.87*	
		For Double Coil (Helix), Add	*6.91*	
32 31 13 13-0644	LF	18" Diameter, 9" On Center Galvanized Concertina (Razor) Wire, Attach To Every 3rd Barb On Top Of Chain Link Fence, Per LF Of Fence	11.47	0.81
		For >500 To 1,500, Deduct	*-0.98*	
		For >1,500 To 5,000, Deduct	*-1.95*	
		For >5,000, Deduct	*-2.76*	
		For Ground Installation, Deduct	*-1.16*	
		For Double Coil (Helix), Add	*9.15*	
32 31 13 13-0645	LF	24" Diameter, 18" On Center Galvanized Concertina (Razor) Wire, Attach To Every 6th Barb On Top Of Chain Link Fence, Per LF Of Fence	9.85	0.81
		For >500 To 1,500, Deduct	*-0.80*	
		For >1,500 To 5,000, Deduct	*-1.61*	
		For >5,000, Deduct	*-2.23*	
		For Ground Installation, Deduct	*-0.65*	
		For Double Coil (Helix), Add	*8.56*	
32 31 13 13-0646	LF	24" Diameter, 12" On Center Galvanized Concertina (Razor) Wire, Attach To Every 4th Barb On Top Of Chain Link Fence, Per LF Of Fence	14.88	0.81
		For >500 To 1,500, Deduct	*-1.21*	
		For >1,500 To 5,000, Deduct	*-2.43*	
		For >5,000, Deduct	*-3.36*	
		For Ground Installation, Deduct	*-0.97*	
		For Double Coil (Helix), Add	*12.95*	
32 31 13 13-0647	LF	24" Diameter, 9" On Center Galvanized Concertina (Razor) Wire, Attach To Every 3rd Barb On Top Of Chain Link Fence, Per LF Of Fence	19.65	0.81
		For >500 To 1,500, Deduct	*-1.60*	
		For >1,500 To 5,000, Deduct	*-3.20*	
		For >5,000, Deduct	*-4.44*	
		For Ground Installation, Deduct	*-1.28*	
		For Double Coil (Helix), Add	*17.09*	
32 31 13 13-0648	LF	30" Diameter, 18" On Center Galvanized Concertina (Razor) Wire, Attach To Every 6th Barb On Top Of Chain Link Fence, Per LF Of Fence	31.41	0.81
		For >500 To 1,500, Deduct	*-2.43*	
		For >1,500 To 5,000, Deduct	*-4.86*	
		For >5,000, Deduct	*-6.57*	
		For Ground Installation, Deduct	*-0.73*	
		For Double Coil (Helix), Add	*29.96*	
32 31 13 13-0649	LF	30" Diameter, 12" On Center Galvanized Concertina (Razor) Wire, Attach To Every 4th Barb On Top Of Chain Link Fence, Per LF Of Fence	47.54	0.81
		For >500 To 1,500, Deduct	*-3.67*	
		For >1,500 To 5,000, Deduct	*-7.35*	
		For >5,000, Deduct	*-9.94*	
		For Ground Installation, Deduct	*-1.09*	
		For Double Coil (Helix), Add	*45.37*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0650	LF	30" Diameter, 9" On Center Galvanized Concertina (Razor) Wire, Attach To Every 3rd Barb On Top Of Chain Link Fence, Per LF Of Fence	62.81	0.81
		For >500 To 1,500, Deduct	*-4.86*	
		For >1,500 To 5,000, Deduct	*-9.71*	
		For >5,000, Deduct	*-13.14*	
		For Ground Installation, Deduct	*-1.45*	
		For Double Coil (Helix), Add	*59.91*	

32 31 13 13-0651 Stainless Steel Concertina (Razor) Wire, Single Coil *(32 31 13 13-0633)*

32 31 13 13-0652	LF	18" Diameter, 18" On Center, Stainless Steel Concertina (Razor) Wire, Attach To Every 6th Barb On Top Of Chain Link Fence, Per LF Of Fence	10.62	0.81
		For >500 To 1,500, Deduct	*-0.85*	
		For >1,500 To 5,000, Deduct	*-1.71*	
		For >5,000, Deduct	*-2.36*	
		For Ground Installation, Deduct	*-0.58*	
		For Double Coil (Helix), Add	*9.46*	
32 31 13 13-0653	LF	18" Diameter, 12" On Center, Stainless Steel Concertina (Razor) Wire, Attach To Every 4th Barb On Top Of Chain Link Fence, Per LF Of Fence	16.06	0.81
		For >500 To 1,500, Deduct	*-1.29*	
		For >1,500 To 5,000, Deduct	*-2.58*	
		For >5,000, Deduct	*-3.56*	
		For Ground Installation, Deduct	*-0.87*	
		For Double Coil (Helix), Add	*14.32*	
32 31 13 13-0654	LF	18" Diameter, 9" On Center, Stainless Steel Concertina (Razor) Wire, Attach To Every 3rd Barb On Top Of Chain Link Fence, Per LF Of Fence	21.26	0.81
		For >500 To 1,500, Deduct	*-1.71*	
		For >1,500 To 5,000, Deduct	*-3.42*	
		For >5,000, Deduct	*-4.72*	
		For Ground Installation, Deduct	*-1.16*	
		For Double Coil (Helix), Add	*18.94*	
32 31 13 13-0655	LF	24" Diameter, 18" On Center, Stainless Steel Concertina (Razor) Wire, Attach To Every 6th Barb On Top Of Chain Link Fence, Per LF Of Fence	14.00	0.81
		For >500 To 1,500, Deduct	*-1.11*	
		For >1,500 To 5,000, Deduct	*-2.23*	
		For >5,000, Deduct	*-3.06*	
		For Ground Installation, Deduct	*-0.65*	
		For Double Coil (Helix), Add	*12.71*	
32 31 13 13-0656	LF	24" Diameter, 12" On Center, Stainless Steel Concertina (Razor) Wire, Attach To Every 4th Barb On Top Of Chain Link Fence, Per LF Of Fence	21.17	0.81
		For >500 To 1,500, Deduct	*-1.68*	
		For >1,500 To 5,000, Deduct	*-3.37*	
		For >5,000, Deduct	*-4.62*	
		For Ground Installation, Deduct	*-0.97*	
		For Double Coil (Helix), Add	*19.24*	
32 31 13 13-0657	LF	24" Diameter, 9" On Center, Stainless Steel Concertina (Razor) Wire, Attach To Every 3rd Barb On Top Of Chain Link Fence, Per LF Of Fence	27.95	0.81
		For >500 To 1,500, Deduct	*-2.22*	
		For >1,500 To 5,000, Deduct	*-4.45*	
		For >5,000, Deduct	*-6.10*	
		For Ground Installation, Deduct	*-1.28*	
		For Double Coil (Helix), Add	*25.39*	
32 31 13 13-0658	LF	30" Diameter, 18" On Center, Stainless Steel Concertina (Razor) Wire, Attach To Every 6th Barb On Top Of Chain Link Fence, Per LF Of Fence	47.12	0.81
		For >500 To 1,500, Deduct	*-3.61*	
		For >1,500 To 5,000, Deduct	*-7.21*	
		For >5,000, Deduct	*-9.71*	
		For Ground Installation, Deduct	*-0.73*	
		For Double Coil (Helix), Add	*45.67*	
32 31 13 13-0659	LF	30" Diameter, 12" On Center, Stainless Steel Concertina (Razor) Wire, Attach To Every 4th Barb On Top Of Chain Link Fence, Per LF Of Fence	71.35	0.81
		For >500 To 1,500, Deduct	*-5.46*	
		For >1,500 To 5,000, Deduct	*-10.92*	
		For >5,000, Deduct	*-14.71*	
		For Ground Installation, Deduct	*-1.09*	
		For Double Coil (Helix), Add	*69.18*	
32 31 13 13-0660	LF	30" Diameter, 9" On Center, Stainless Steel Concertina (Razor) Wire, Attach To Every 3rd Barb On Top Of Chain Link Fence, Per LF Of Fence	94.24	0.81
		For >500 To 1,500, Deduct	*-7.21*	
		For >1,500 To 5,000, Deduct	*-14.43*	
		For >5,000, Deduct	*-19.43*	
		For Ground Installation, Deduct	*-1.45*	
		For Double Coil (Helix), Add	*91.34*	

32 31 13 13-0661 Grounding For Gates *(32 31 13 13-0632)*

Note: Includes two of each of the following per opening: 5/8 ground rods, clamps, braided straps and #6 bare copper wire.

32 31 13 13-0662	OPNG	Grounding For Gates (Per Opening)	520.57	

32 31 13 13-0663 Coiled Spring Reinforcing Wire *(32 31 13 13-0632)*

32 31 13 13-0664 Galvanized Steel *(32 31 13 13-0663)*

32 31 13 13-0665	LF	7 Gauge, Galvanized Steel, Reinforcing Wire Coiled Spring	1.36	0.58

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0666		**Vinyl Coated Steel** *(32 31 13 13-0663)*		
32 31 13 13-0667	LF	9 Gauge, Vinyl Coated Steel, Reinforcing Wire Coiled Spring	1.36	0.58
32 31 13 13-0668		**Bending Of Fabric Around Pipe Railings** *(32 31 13 13-0632)* Note: Only where specified.		
32 31 13 13-0669	LF	Bend Chain Link Fence Fabric Around Pipe Railing, Top	1.89	
32 31 13 13-0670	LF	Bend Chain Link Fence Fabric Around Pipe Railing, Bottom	1.65	
32 31 13 13-0671		**Mounting Plate With Anchors Or Bolts** *(32 31 13 13-0632)* Note: For drilling for anchor or bolts, installing post on or against flat surface.		
32 31 13 13-0672	EA	Mounting Plate For 1-5/8" Diameter Post	49.74	
32 31 13 13-0673	EA	Mounting Plate For 2" Diameter Post	50.52	
32 31 13 13-0674	EA	Mounting Plate For 2-1/2" Diameter Post	51.99	
32 31 13 13-0675	EA	Mounting Plate For 3" Diameter Post	62.39	
32 31 13 13-0676	EA	Mounting Plate For 4" Diameter Post	71.58	
32 31 13 13-0677	EA	Mounting Plate For 6-5/8" Diameter Post	82.72	
32 31 13 13-0678	EA	Mounting Plate For 8-5/8" Diameter Post	97.32	
32 31 13 13-0679		**Fence And Gate Repair And Replacement** *(32 31 13 13)*		
32 31 13 13-0680		**Fence And Gate Parts Replacement** *(32 31 13 13-0679)*		
32 31 13 13-0681	EA	Cantilever Roller Assembly, Ball Bearing With Fittings, Replacement	137.80	
32 31 13 13-0682	EA	Sliding Gate Roller Assembly Replacement	136.58	
32 31 13 13-0683	EA	Rod And Lock Gate Keeper Replacement	136.28	
32 31 13 13-0684	EA	Galvanized Gate Holdback Replacement	31.71	
32 31 13 13-0685	LF	3/8" Cross Bracing Rod Replacement	1.79	
32 31 13 13-0686	LF	1-5/8" Diagonal Pipe Bracing Replacement	2.76	
32 31 13 13-0687	EA	2-3/8" To 2-1/2" Diameter Galvanized Steel Gate Hinge With Bolts, Replacement	29.86	
32 31 13 13-0688	EA	2-7/8" To 3" Diameter Galvanized Steel Gate Hinge With Bolts, Replacement	34.25	
32 31 13 13-0689	EA	3-1/2" To 4" Diameter Galvanized Steel Gate Hinge With Bolts, Replacement	38.70	
32 31 13 13-0690	EA	6-1/2" To 6-5/8" Diameter Galvanized Steel Gate Hinge With Bolts, Replacement	57.19	
32 31 13 13-0691	EA	8-5/8" Diameter Galvanized Steel Gate Hinge With Bolts, Replacement	114.72	
32 31 13 13-0692	EA	2-1/2" x 2" Off Set Gate Hinge Replacement	29.10	
32 31 13 13-0693	EA	3" x 2" Off Set Gate Hinge Replacement	30.39	
32 31 13 13-0694	EA	4" x 2" Off Set Gate Hinge Replacement	32.45	
32 31 13 13-0695	EA	6-5/8" x 2" Off Set Gate Hinge Replacement	51.74	
32 31 13 13-0696	EA	8-5/8" x 2" Off Set Gate Hinge Replacement	80.22	
32 31 13 13-0697	EA	1-5/8" Aluminum Die-Cast Post Cap Replacement	6.77	
32 31 13 13-0698	EA	2" Aluminum Die-Cast Post Cap Replacement	7.43	
32 31 13 13-0699	EA	2-1/2" Aluminum Die-Cast Post Cap Replacement	8.65	
32 31 13 13-0700	EA	3" Aluminum Die-Cast Post Cap Replacement	10.06	
32 31 13 13-0701	EA	2" Galvanized Post Cap Replacement	7.47	
32 31 13 13-0702	EA	2-1/2" Galvanized Post Cap Replacement	8.10	
32 31 13 13-0703	EA	3" Galvanized Post Cap Replacement	9.26	
32 31 13 13-0704	EA	4" Galvanized Post Cap Replacement	13.43	
32 31 13 13-0705	EA	6-5/8" Galvanized Post Cap Replacement	24.36	
32 31 13 13-0706	EA	8-5/8" Galvanized Post Cap Replacement	39.55	
32 31 13 13-0707	EA	1-5/8" Boulevard Clamp Replacement	12.58	
32 31 13 13-0708	EA	2" Boulevard Clamp Replacement	15.32	
32 31 13 13-0709	EA	2-1/2" Boulevard Clamp Replacement	17.97	
32 31 13 13-0710	EA	3" Boulevard Clamp Replacement	21.81	
32 31 13 13-0711	EA	1-5/8" Gate Brace Or End Rail Clamp Replacement	12.36	
32 31 13 13-0712	EA	2" Gate Brace Or End Rail Clamp Replacement	15.01	
32 31 13 13-0713	EA	2-1/2" Gate Brace Or End Rail Clamp Replacement	17.67	
32 31 13 13-0714	EA	3" Gate Brace Or End Rail Clamp Replacement	21.49	
32 31 13 13-0715	EA	1-3/8" Heavy Duty Galvanized Tension Band With Bolt, Replacement	12.57	
32 31 13 13-0716	EA	1-5/8" Heavy Duty Galvanized Tension Band With Bolt, Replacement	12.67	
32 31 13 13-0717	EA	2" Heavy Duty Galvanized Tension Band With Bolt, Replacement	12.93	
32 31 13 13-0718	EA	2-1/2" Heavy Duty Galvanized Tension Band With Bolt, Replacement	12.81	
32 31 13 13-0719	EA	3" Heavy Duty Galvanized Tension Band With Bolt, Replacement	13.01	
32 31 13 13-0720	EA	3-1/2" Heavy Duty Galvanized Tension Band With Bolt, Replacement	13.17	
32 31 13 13-0721	EA	4" Heavy Duty Galvanized Tension Band With Bolt, Replacement	13.64	
32 31 13 13-0722	EA	6-5/8" Heavy Duty Galvanized Tension Band With Bolt, Replacement	17.07	
32 31 13 13-0723		**Removal And Reinstallation Of Chain Link Fences** *(32 31 13 13)* Note: Includes removal, storage, cleaning and reinstallation of fence fabric, rails and other components. Excludes post work. See CSI section 32 31 13 13-0001 for new post holes where required, 32 31 13 13-0058 for new fence posts where required.		
32 31 13 13-0724	LF	Removal And Reinstallation Of Chain Link Fence Up To 5' Height	23.23	
32 31 13 13-0725	LF	Removal And Reinstallation Of Chain Link Fence 6' To 12' Height	34.83	
32 31 13 13-0726		**Ballfield Fencing** *(32 31 13 13)* See CSI section 32 31 13 13-0001 for auguring holes and concrete.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0727		**Concrete Bases For Ballfield Poles, Cast In Place** *(32 31 13 13-0726)* Note: Includes excavation/drilling, concrete, reinforcement, forms for exposed base, anchors/supports and backfill.		
32 31 13 13-0728	VLF	2-1/2' Diameter Concrete Base For Ballfield Poles	137.08	
32 31 13 13-0729	VLF	3' Diameter Concrete Base For Ballfield Poles	163.35	
32 31 13 13-0730	VLF	3-1/2' Diameter Concrete Base For Ballfield Poles	206.40	
32 31 13 13-0731	VLF	4' Diameter Concrete Base For Ballfield Poles	245.44	
32 31 13 13-0732		**Ballfield Poles** *(32 31 13 13-0726)*		
32 31 13 13-0733	EA	20' Galvanized Steel Pole, 24" Diameter At Base For Ballfield Netting Note: 10' above grade	8,025.70	647.98
32 31 13 13-0734	EA	25' Galvanized Steel Pole, 24" Diameter At Base For Ballfield Netting Note: 15' above grade	9,954.85	809.97
32 31 13 13-0735	EA	30' Galvanized Steel Pole, 24" Diameter At Base For Ballfield Netting Note: 20' above grade	11,435.79	971.97
32 31 13 13-0736	EA	40' Galvanized Steel Pole, 24" Diameter At Base For Ballfield Netting Note: 30' above grade	15,396.22	1,133.97
32 31 13 13-0737	EA	50' Galvanized Steel Pole, 24" Diameter At Base For Ballfield Netting Note: 40' above grade	20,661.54	1,295.96
32 31 13 13-0738	EA	60' Galvanized Steel Pole, 24" Diameter At Base For Ballfield Netting Note: 50' above grade	23,087.47	1,457.96
32 31 13 13-0739		**Ballfield Nylon Netting** *(32 31 13 13-0726)* Note: Excludes fastening clips and cabeling See CSI section 05 15 00 00-0000 for cabling and accessories.		
32 31 13 13-0740	LF	10' High, #18 Black Twisted Knotted Nylon Square 1-3/4" Mesh With Sewn Borders For Ballfield Netting	1.77	
32 31 13 13-0741	LF	10' High, #21 Black Twisted Knotted Nylon Square 1-3/4" Mesh With Sewn Borders For Ballfield Netting	1.81	
32 31 13 13-0742	LF	10' High, #36 Black Twisted Knotted Nylon Square 1-3/4" Mesh With Sewn Borders For Ballfield Netting	2.03	
32 31 13 13-0743	LF	10' High, #42 Black Twisted Knotted Nylon Square 1-3/4" Mesh With Sewn Borders For Ballfield Netting	2.31	
32 31 13 13-0744	LF	10' High, #48 Black Twisted Knotted Nylon Square 1-3/4" Mesh With Sewn Borders For Ballfield Netting	2.56	
32 31 13 13-0745	LF	10' High, #60 Black Twisted Knotted Nylon Square 1-3/4" Mesh With Sewn Borders For Ballfield Netting	3.41	
32 31 13 13-0746	LF	10' High, #72 Black Twisted Knotted Nylon Square 1-3/4" Mesh With Sewn Borders For Ballfield Netting	3.87	
32 31 13 13-0747	LF	10' High, #96 Black Twisted Knotted Nylon Square 1-3/4" Mesh With Sewn Borders For Ballfield Netting	5.02	
32 31 13 13-0748		**Ballfield Chainlink Netting** *(32 31 13 13-0726)* Note: Excludes fastening clips and cabeling See CSI section 05 15 00 00-0000 for cabling and accessories.		
32 31 13 13-0749	SF	#9 Gauge Chain Link Fabric, 2" Mesh For Ballfield Netting	3.78	1.24
		For 13 Gauge Fabric, Deduct	*-0.58*	
		For 11 Gauge Fabric, Deduct	*-0.32*	
		For 6 Gauge Fabric, Add	*1.02*	
		For 1" Mesh Fabric, Add	*0.96*	
		For 1-3/4" Mesh Fabric, Add	*0.38*	
		For 2-1/8" Mesh Fabric, Deduct	*-0.19*	
		For 2-3/8" Mesh Fabric, Deduct	*-0.26*	
32 31 13 13-0750		**Ballfield Netting Accessories** *(32 31 13 13-0726)*		
32 31 13 13-0751	EA	Sliding Clip For Ballfield Netting	8.75	
32 31 13 13-0752	EA	1/4" Utility Spring Swing Clip For Ballfield Netting	3.92	
32 31 13 13-0753	EA	5/16" Utility Spring Swing Clip For Ballfield Netting	4.12	
32 31 13 13-0754	EA	3/8" Utility Spring Swing Clip For Ballfield Netting	4.42	
32 31 13 33		**Chain Link Backstops** *(32 31 13)*		
32 31 13 33-0001		**Regulation Baseball Backstop** *(32 31 13 33)* See CSI section 32 31 13 13-0001 for auguring holes and concrete.		
32 31 13 33-0002	EA	20'-6" Wide x 13' High Baseball Backstop Prefabricated With Hood, Galvanized	13,755.23	2,388.90
32 31 13 33-0003	EA	34' Wide x 17'-6" High Baseball Backstop Prefabricated With Hood, Galvanized	19,797.57	3,185.20
32 31 13 33-0004	EA	48'-3-1/2" Wide x 24' High Baseball Backstop Prefabricated With Hood, Galvanized	25,172.63	3,716.07
32 31 13 33-0005	EA	20'-6" Wide x 13' High Baseball Backstop Prefabricated With Hood, Vinyl Coated	19,143.79	2,388.90
32 31 13 33-0006	EA	34' Wide x 17'-6" High Baseball Backstop Prefabricated With Hood, Vinyl Coated	27,860.56	3,185.20
32 31 13 33-0007	EA	48'-3-1/2" Wide x 24' High Baseball Backstop Prefabricated With Hood, Vinyl Coated	35,813.00	3,716.07
32 31 13 33-0008		**Regulation Softball Backstop** *(32 31 13 33)* See CSI section 32 31 13 13-0001 for auguring holes and concrete.		
32 31 13 33-0009		**14' High Softball Backstop** *(32 31 13 33-0008)* Note: Includes 3" outside diameter posts every 8', top, middle, and bottom brace rails, overhang panel with 9 gauge mesh and 1-1/8" outside diameter frame, 16' of 6 gauge mesh and 32' of 9 gauge mesh.		
32 31 13 33-0010	EA	14' Softball Backstop, Galvanized Regulation	11,488.34	2,271.14
32 31 13 33-0011	EA	14' Softball Backstop, Vinyl Coated Regulation	15,353.10	2,271.14
32 31 13 33-0012		**18' High Softball Backstop** *(32 31 13 33-0008)* Note: Includes 3" outside diameter posts every 8', top, middle, and bottom brace rails, overhang panel with 9 gauge mesh and 1-1/8" outside diameter frame, 16' of 6 gauge mesh and 32' of 9 gauge mesh.		
32 31 13 33-0013	EA	18' Softball Backstop, Galvanized Regulation	13,402.72	2,524.89
32 31 13 33-0014	EA	18' Softball Backstop Vinyl Coated Regulation	18,077.83	2,524.89

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 33-0015		**20' High Softball Backstop** *(32 31 13 33-0008)* Note: Includes 3" outside diameter posts every 8', top, middle, and bottom brace rails, overhang panel with 9 gauge mesh and 1-1/8" outside diameter frame, 16' of 6 gauge mesh and 32' of 9 gauge mesh.		
32 31 13 33-0016	EA	20' Softball Backstop, Galvanized Regulation	15,162.21	2,662.13
32 31 13 33-0017	EA	20' Softball Backstop, Vinyl Coated Regulation	20,710.07	2,662.13
32 31 13 33-0018		**22' High Softball Backstop** *(32 31 13 33-0008)* Note: Includes 3" outside diameter posts every 8', top, middle, and bottom brace rails, overhang panel with 9 gauge mesh and 1-1/8" outside diameter frame, 16' of 6 gauge mesh and 32' of 9 gauge mesh.		
32 31 13 33-0019	EA	22' Softball Backstop, Galvanized Regulation	17,448.15	2,742.45
32 31 13 33-0020	EA	22' Softball Backstop, Vinyl Coated Regulation	24,117.98	2,742.45
32 31 13 33-0021		**24' High Softball Backstop** *(32 31 13 33-0008)* Note: Includes 3" outside diameter posts every 8', top, middle, and bottom brace rails, overhang panel with 9 gauge mesh and 1-1/8" outside diameter frame, 16' of 6 gauge mesh and 32' of 9 gauge mesh.		
32 31 13 33-0022	EA	24' Softball Backstop, Galvanized Regulation	20,745.57	3,134.23
32 31 13 33-0023	EA	24' Softball Backstop, Vinyl Coated Regulation	29,036.10	3,134.23
32 31 16		**Welded Wire Fences and Gates** *(32 31)*		
32 31 16 00-0001		**Welded Wire Fence** *(32 31 16)*		
32 31 16 00-0002		**12 Gauge Galvanized Steel Welded Wire Fence, 2" x 4" Mesh** *(32 31 16 00-0001)* Note: Posts 5' on center.		
32 31 16 00-0003	LF	3' High, 12 Gauge Galvanized Steel Welded Wire Fence, 2" x 4" Mesh, Posts At 5'	11.51	2.13
32 31 16 00-0004	LF	5' High, 12 Gauge Galvanized Steel Welded Wire Fence, 2" x 4" Mesh, Posts At 5'	12.31	2.13
32 31 16 00-0005		**14 Gauge Galvanized Steel Welded Wire Fence, 1" x 2" Mesh** *(32 31 16 00-0001)* Note: Posts 5' on center.		
32 31 16 00-0006	LF	3' High, 14 Gauge Galvanized Steel Welded Wire Fence, 1" x 2" Mesh, Posts At 5'	11.35	2.13
32 31 16 00-0007	LF	5' High, 14 Gauge Galvanized Steel Welded Wire Fence, 1" x 2" Mesh, Posts At 5'	12.06	2.13
32 31 19		**Decorative Metal Fences and Gates** *(32 31)* See CSI section 32 31 13 13-0001 for drilling and grouting.		
32 31 19 00-0001		**Wrought Iron Fence** *(32 31 19)* Note: Factory primed.		
32 31 19 00-0002		**Wrought Iron Fence, 3/4" Verticals At >3" To 4" On Center** *(32 31 19 00-0001)* Note: Factory primed 8 foot long panel sections.		
32 31 19 00-0003	LF	3' High Wrought Iron Fence, Verticals At >3" To 4" On Center With 2" Square Posts, Set 8' On Center	49.66	12.77
		For 6' Length Fence Panels With Posts Set 6' O.C., Add	*9.24*	
		For Verticals Up To 2" On Center, Add	*7.72*	
		For Verticals >2" To 2-1/2" On Center, Add	*4.82*	
		For Verticals >2-1/2" To 3" On Center, Add	*1.93*	
		For Verticals >4" To 6" On Center, Deduct	*-2.17*	
		For Pickets Extending Above Top Rail, Add	*4.29*	
		For Curved Pickets Extending Above Top Rail, Add	*9.75*	
32 31 19 00-0004	LF	4' High Wrought Iron Fence, Verticals At >3" To 4" On Center With 2" Square Posts, Set 8' On Center	63.34	16.26
		For 6' Length Fence Panels With Posts Set 6' O.C., Add	*11.70*	
		For Verticals Up To 2" On Center, Add	*10.23*	
		For Verticals >2" To 2-1/2" On Center, Add	*6.39*	
		For Verticals >2-1/2" To 3" On Center, Add	*2.56*	
		For Verticals >4" To 6" On Center, Deduct	*-2.88*	
		For Pickets Extending Above Top Rail, Add	*5.56*	
		For Curved Pickets Extending Above Top Rail, Add	*12.74*	
32 31 19 00-0005	LF	5' High Wrought Iron Fence, Verticals At >3" To 4" On Center With 2" Square Posts, Set 8' On Center	74.46	16.95
		For 6' Length Fence Panels With Posts Set 6' O.C., Add	*13.56*	
		For Verticals Up To 2" On Center, Add	*12.90*	
		For Verticals >2" To 2-1/2" On Center, Add	*8.06*	
		For Verticals >2-1/2" To 3" On Center, Add	*3.23*	
		For Verticals >4" To 6" On Center, Deduct	*-3.63*	
		For Pickets Extending Above Top Rail, Add	*6.75*	
		For Curved Pickets Extending Above Top Rail, Add	*15.66*	
32 31 19 00-0006	LF	6' High Wrought Iron Fence, Verticals At >3" To 4" On Center With 2" Square Posts, Set 8' On Center	90.05	20.43
		For 6' Length Fence Panels With Posts Set 6' O.C., Add	*16.38*	
		For Verticals Up To 2" On Center, Add	*15.71*	
		For Verticals >2" To 2-1/2" On Center, Add	*9.82*	
		For Verticals >2-1/2" To 3" On Center, Add	*3.93*	
		For Verticals >4" To 6" On Center, Deduct	*-4.42*	
		For Pickets Extending Above Top Rail, Add	*8.18*	
		For Curved Pickets Extending Above Top Rail, Add	*19.02*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 19 00-0007	LF	7' High Wrought Iron Fence, Verticals At >3" To 4" On Center With 2" Square Posts, Set 8' On Center	104.25	21.63
		For 6' Length Fence Panels With Posts Set 6' O.C., Add	*18.67*	
		For Verticals Up To 2" On Center, Add	*19.52*	
		For Verticals >2" To 2-1/2" On Center, Add	*12.20*	
		For Verticals >2-1/2" To 3" On Center, Add	*4.88*	
		For Verticals >4" To 6" On Center, Deduct	*-5.49*	
		For Pickets Extending Above Top Rail, Add	*9.79*	
		For Curved Pickets Extending Above Top Rail, Add	*23.07*	
32 31 19 00-0008	LF	8' High Wrought Iron Fence, Verticals At >3" To 4" On Center With 3" Square Posts, Set 8' On Center	118.44	22.76
		For 6' Length Fence Panels With Posts Set 6' O.C., Add	*20.95*	
		For Verticals Up To 2" On Center, Add	*23.33*	
		For Verticals >2" To 2-1/2" On Center, Add	*14.58*	
		For Verticals >2-1/2" To 3" On Center, Add	*5.83*	
		For Verticals >4" To 6" On Center, Deduct	*-6.56*	
		For Pickets Extending Above Top Rail, Add	*11.39*	
		For Curved Pickets Extending Above Top Rail, Add	*27.11*	
32 31 19 00-0009	LF	10' High Wrought Iron Fence, Verticals At >3" To 4" On Center With 3" Square Posts, Set 8' On Center	142.95	25.54
		For 6' Length Fence Panels With Posts Set 6' O.C., Add	*25.02*	
		For Verticals Up To 2" On Center, Add	*29.39*	
		For Verticals >2" To 2-1/2" On Center, Add	*18.37*	
		For Verticals >2-1/2" To 3" On Center, Add	*7.35*	
		For Verticals >4" To 6" On Center, Deduct	*-8.27*	
		For Pickets Extending Above Top Rail, Add	*14.04*	
		For Curved Pickets Extending Above Top Rail, Add	*33.68*	
32 31 19 00-0010	LF	12' High Wrought Iron Fence, Verticals At >3" To 4" On Center With 3" Square Posts, Set 8' On Center	168.36	29.03
		For 6' Length Fence Panels With Posts Set 6' O.C., Add	*29.32*	
		For Verticals Up To 2" On Center, Add	*35.30*	
		For Verticals >2" To 2-1/2" On Center, Add	*22.06*	
		For Verticals >2-1/2" To 3" On Center, Add	*8.82*	
		For Verticals >4" To 6" On Center, Deduct	*-9.93*	
		For Pickets Extending Above Top Rail, Add	*16.69*	
		For Curved Pickets Extending Above Top Rail, Add	*40.20*	
32 31 19 00-0011		**Wrought Iron Gates** *(32 31 19 00-0001)*		
		Note: Factory primed.		
32 31 19 00-0012		**Single Wrought Iron Gates** *(32 31 19 00-0011)*		
		Note: Factory primed.		
32 31 19 00-0013	LF	3' Single Wrought Iron Gate, Hardware And Associated Trim	60.83	15.56
32 31 19 00-0014	LF	4' Single Wrought Iron Gate, Hardware And Associated Trim	79.80	19.28
32 31 19 00-0015	LF	5' Single Wrought Iron Gate, Hardware And Associated Trim	97.02	23.23
32 31 19 00-0016	LF	6' Single Wrought Iron Gate, Hardware And Associated Trim	117.72	27.87
32 31 19 00-0017	LF	8' Single Wrought Iron Gate, Hardware And Associated Trim	154.68	30.89
32 31 19 00-0018	LF	10' Single Wrought Iron Gate, Hardware And Associated Trim	185.57	34.14
32 31 19 00-0019	LF	12' Single Wrought Iron Gate, Hardware And Associated Trim	215.91	38.79
32 31 19 00-0020		**Double Wrought Iron Gates** *(32 31 19 00-0011)*		
		Note: Factory primed.		
32 31 19 00-0021	LF	3' Double Wrought Iron Gate, Hardware And Associated Trim	74.07	13.94
32 31 19 00-0022	LF	4' Double Wrought Iron Gate, Hardware And Associated Trim	96.98	17.42
32 31 19 00-0023	LF	5' Double Wrought Iron Gate, Hardware And Associated Trim	117.40	20.91
32 31 19 00-0024	LF	6' Double Wrought Iron Gate, Hardware And Associated Trim	141.97	25.08
32 31 19 00-0025	LF	8' Double Wrought Iron Gate, Hardware And Associated Trim	187.41	27.87
32 31 19 00-0026	LF	10' Double Wrought Iron Gate, Hardware And Associated Trim	225.23	30.66
32 31 19 00-0027	LF	12' Double Wrought Iron Gate, Hardware And Associated Trim	262.59	34.83
32 31 19 00-0028		**Repair Or Replace Wrought Iron Fence** *(32 31 19 00-0001)*		
32 31 19 00-0029	LF	Removal And Replacement Of Wrought Iron Picket	21.74	
32 31 19 00-0030	LF	Removal And Replacement Of Wrought Iron Post	31.85	
32 31 19 00-0031	EA	Straighten Wrought Iron Post	92.90	
32 31 19 00-0032	EA	Replace Fence Post Cap	46.83	
32 31 19 00-0033		**Steel Tube Fence, Powder Coated** *(32 31 19)*		
		Note: Pickets are 3/4" square x 16 gauge.		
32 31 19 00-0034		**Steel Tube Fence, 2 Rail** *(32 31 19 00-0033)*		
		Note: 6 foot long panel sections.		
32 31 19 00-0035	LF	3' Steel Tube Fence, Verticals At >2-1/2" To 3" On Center With 2-1/2" Square Posts	78.70	12.77
		For Verticals Up To 2" On Center, Add	*10.73*	
		For Verticals >2" To 2-1/2" On Center, Add	*5.37*	
		For Verticals >3" To 4" On Center, Deduct	*-5.37*	
		For Verticals >4" To 6" On Center, Deduct	*-10.73*	
		For Pickets Extending Above Top Rail, Add	*5.81*	
		For Curved Pickets Extending Above Top Rail, Add	*10.20*	
		For Solid Pickets, Add	*15.83*	
		For Aluminum With Satin Finish, Add	*12.34*	
		For Third Rail, Add	*4.02*	
		For 1" Square x 14 Gauge Pickets, Add	*13.42*	
		For 3" Square Posts, Add	*6.71*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 19 00-0036	LF	3'-6" Steel Tube Fence, Verticals At >2-1/2" To 3" On Center With 2-1/2" Square Posts	84.24	13.65
		For Verticals Up To 2" On Center, Add	*11.39*	
		For Verticals >2" To 2-1/2" On Center, Add	*5.69*	
		For Verticals >3" To 4" On Center, Deduct	*-5.69*	
		For Verticals >4" To 6" On Center, Deduct	*-11.39*	
		For Pickets Extending Above Top Rail, Add	*6.20*	
		For Curved Pickets Extending Above Top Rail, Add	*10.87*	
		For Solid Pickets, Add	*16.91*	
		For Aluminum With Satin Finish, Add	*12.98*	
		For Third Rail, Add	*4.27*	
		For 1" Square x 14 Gauge Pickets, Add	*14.23*	
		For 3" Square Posts, Add	*7.12*	
32 31 19 00-0037	LF	4' Steel Tube Fence, Verticals At >2-1/2" To 3" On Center With 2-1/2" Square Posts	89.19	15.09
		For Verticals Up To 2" On Center, Add	*11.92*	
		For Verticals >2" To 2-1/2" On Center, Add	*5.96*	
		For Verticals >3" To 4" On Center, Deduct	*-5.96*	
		For Verticals >4" To 6" On Center, Deduct	*-11.92*	
		For Pickets Extending Above Top Rail, Add	*6.55*	
		For Curved Pickets Extending Above Top Rail, Add	*11.46*	
		For Solid Pickets, Add	*17.85*	
		For Aluminum With Satin Finish, Add	*13.44*	
		For Third Rail, Add	*4.47*	
		For 1" Square x 14 Gauge Pickets, Add	*14.90*	
		For 3" Square Posts, Add	*7.45*	
32 31 19 00-0038	LF	5' Steel Tube Fence, Verticals At >2-1/2" To 3" On Center With 2-1/2" Square Posts	95.23	16.95
		For Verticals Up To 2" On Center, Add	*12.22*	
		For Verticals >2" To 2-1/2" On Center, Add	*6.11*	
		For Verticals >3" To 4" On Center, Deduct	*-6.11*	
		For Verticals >4" To 6" On Center, Deduct	*-12.22*	
		For Pickets Extending Above Top Rail, Add	*6.90*	
		For Curved Pickets Extending Above Top Rail, Add	*12.03*	
		For Solid Pickets, Add	*18.87*	
		For Aluminum With Satin Finish, Add	*13.21*	
		For Third Rail, Add	*4.58*	
		For 1" Square x 14 Gauge Pickets, Add	*15.27*	
		For 3" Square Posts, Add	*7.64*	
32 31 19 00-0039	LF	6' Steel Tube Fence, Verticals At >2-1/2" To 3" On Center With 2-1/2" Square Posts	110.33	19.16
		For Verticals Up To 2" On Center, Add	*14.40*	
		For Verticals >2" To 2-1/2" On Center, Add	*7.20*	
		For Verticals >3" To 4" On Center, Deduct	*-7.20*	
		For Verticals >4" To 6" On Center, Deduct	*-14.40*	
		For Pickets Extending Above Top Rail, Add	*8.04*	
		For Curved Pickets Extending Above Top Rail, Add	*14.04*	
		For Solid Pickets, Add	*21.95*	
		For Aluminum With Satin Finish, Add	*15.86*	
		For Third Rail, Add	*5.40*	
		For 1" Square x 14 Gauge Pickets, Add	*18.00*	
		For 3" Square Posts, Add	*9.00*	
32 31 19 00-0040	LF	7' Steel Tube Fence, Verticals At >2-1/2" To 3" On Center With 3" Square Posts	126.16	20.91
		For Verticals Up To 2" On Center, Add	*16.87*	
		For Verticals >2" To 2-1/2" On Center, Add	*8.44*	
		For Verticals >3" To 4" On Center, Deduct	*-8.44*	
		For Verticals >4" To 6" On Center, Deduct	*-16.87*	
		For Pickets Extending Above Top Rail, Add	*9.26*	
		For Curved Pickets Extending Above Top Rail, Add	*16.21*	
		For Solid Pickets, Add	*25.25*	
		For Aluminum With Satin Finish, Add	*19.04*	
		For Third Rail, Add	*6.33*	
		For 1" Square x 14 Gauge Pickets, Add	*21.09*	
		For 4" Square Posts, Add	*29.53*	
32 31 19 00-0041	LF	8' Steel Tube Fence, Verticals At >2-1/2" To 3" On Center With 3" Square Posts	142.24	22.76
		For Verticals Up To 2" On Center, Add	*19.34*	
		For Verticals >2" To 2-1/2" On Center, Add	*9.67*	
		For Verticals >3" To 4" On Center, Deduct	*-9.67*	
		For Verticals >4" To 6" On Center, Deduct	*-19.34*	
		For Pickets Extending Above Top Rail, Add	*10.50*	
		For Curved Pickets Extending Above Top Rail, Add	*18.41*	
		For Solid Pickets, Add	*28.59*	
		For Aluminum With Satin Finish, Add	*22.19*	
		For Third Rail, Add	*7.25*	
		For 1" Square x 14 Gauge Pickets, Add	*24.18*	
		For 4" Square Posts, Add	*33.85*	
32 31 19 00-0042	LF	9' Steel Tube Fence, Verticals At >2-1/2" To 3" On Center With 3" Square Posts	165.07	24.39
		For Verticals Up To 2" On Center, Add	*23.26*	
		For Verticals >2" To 2-1/2" On Center, Add	*11.63*	
		For Verticals >3" To 4" On Center, Deduct	*-11.63*	
		For Verticals >4" To 6" On Center, Deduct	*-23.26*	
		For Pickets Extending Above Top Rail, Add	*12.32*	
		For Curved Pickets Extending Above Top Rail, Add	*21.68*	
		For Solid Pickets, Add	*33.48*	
		For Aluminum With Satin Finish, Add	*27.57*	
		For Third Rail, Add	*8.72*	
		For 1" Square x 14 Gauge Pickets, Add	*29.08*	
		For 4" Square Posts, Add	*40.71*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 19 00-0043	LF	10' Steel Tube Fence, Verticals At >2-1/2" To 3" On Center With 4" Square Posts	188.12	26.13
		For Verticals Up To 2" On Center, Add	*27.17*	
		For Verticals >2" To 2-1/2" On Center, Add	*13.59*	
		For Verticals >3" To 4" On Center, Deduct	*-13.59*	
		For Verticals >4" To 6" On Center, Deduct	*-27.17*	
		For Pickets Extending Above Top Rail, Add	*14.16*	
		For Curved Pickets Extending Above Top Rail, Add	*24.98*	
		For Solid Pickets, Add	*38.41*	
		For Aluminum With Satin Finish, Add	*32.92*	
		For Third Rail, Add	*10.19*	
		For 1" Square x 14 Gauge Pickets, Add	*33.97*	
		For 6" Square Posts, Add	*47.55*	
32 31 19 00-0044	LF	12' Steel Tube Fence, Verticals At >2-1/2" To 3" On Center With 4" Square Posts	221.34	29.03
		For Verticals Up To 2" On Center, Add	*32.66*	
		For Verticals >2" To 2-1/2" On Center, Add	*16.33*	
		For Verticals >3" To 4" On Center, Deduct	*-16.33*	
		For Verticals >4" To 6" On Center, Deduct	*-32.66*	
		For Pickets Extending Above Top Rail, Add	*16.78*	
		For Curved Pickets Extending Above Top Rail, Add	*29.66*	
		For Solid Pickets, Add	*45.45*	
		For Aluminum With Satin Finish, Add	*40.28*	
		For Third Rail, Add	*12.25*	
		For 1" Square x 14 Gauge Pickets, Add	*40.82*	
		For 6" Square Posts, Add	*57.15*	
32 31 19 00-0045	LF	14' Steel Tube Fence, Verticals At >2-1/2" To 3" On Center With 4" Square Posts	237.14	31.36
		For Verticals Up To 2" On Center, Add	*34.89*	
		For Verticals >2" To 2-1/2" On Center, Add	*17.44*	
		For Verticals >3" To 4" On Center, Deduct	*-17.44*	
		For Verticals >4" To 6" On Center, Deduct	*-34.89*	
		For Pickets Extending Above Top Rail, Add	*17.96*	
		For Curved Pickets Extending Above Top Rail, Add	*31.74*	
		For Solid Pickets, Add	*48.65*	
		For Aluminum With Satin Finish, Add	*42.92*	
		For Third Rail, Add	*13.08*	
		For 1" Square x 14 Gauge Pickets, Add	*43.61*	
		For 6" Square Posts, Add	*61.05*	

32 31 19 00-0046 Steel Tube Swing Gates *(32 31 19 00-0033)*

32 31 19 00-0047 3' Fence Height Steel Tube Swing Gates, 2 Rail *(32 31 19 00-0046)*

32 31 19 00-0048	EA	3' Wide x 3' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	732.32	24.73
		For Solid Pickets, Add	*159.20*	
		For Aluminum With Satin Finish, Add	*186.25*	
		For Third Rail, Add	*49.35*	
		For 1" Square x 14 Gauge Pickets, Add	*65.80*	
32 31 19 00-0049	EA	3'-6" Wide x 3' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	814.26	25.90
		For Solid Pickets, Add	*177.37*	
		For Aluminum With Satin Finish, Add	*209.27*	
		For Third Rail, Add	*55.23*	
		For 1" Square x 14 Gauge Pickets, Add	*73.65*	
32 31 19 00-0050	EA	4' Wide x 3' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	900.94	27.40
		For Solid Pickets, Add	*196.53*	
		For Aluminum With Satin Finish, Add	*233.18*	
		For Third Rail, Add	*61.39*	
		For 1" Square x 14 Gauge Pickets, Add	*81.85*	
32 31 19 00-0051	EA	5' Wide x 3' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	947.75	29.38
		For Solid Pickets, Add	*206.63*	
		For Aluminum With Satin Finish, Add	*244.61*	
		For Third Rail, Add	*64.46*	
		For 1" Square x 14 Gauge Pickets, Add	*85.95*	
32 31 19 00-0052	EA	6' Wide x 3' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	1,059.68	35.18
		For Solid Pickets, Add	*230.50*	
		For Aluminum With Satin Finish, Add	*270.35*	
		For Third Rail, Add	*71.55*	
		For 1" Square x 14 Gauge Pickets, Add	*95.40*	
32 31 19 00-0053	EA	7' Wide x 3' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	1,128.81	40.99
		For Solid Pickets, Add	*244.75*	
		For Aluminum With Satin Finish, Add	*283.25*	
		For Third Rail, Add	*75.43*	
		For 1" Square x 14 Gauge Pickets, Add	*100.57*	
32 31 19 00-0054	EA	8' Wide x 3' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	1,232.99	47.14
		For Solid Pickets, Add	*266.80*	
		For Aluminum With Satin Finish, Add	*306.15*	
		For Third Rail, Add	*81.85*	
		For 1" Square x 14 Gauge Pickets, Add	*109.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 19 00-0055	EA	9' Wide x 3' High Steel Tube Single Swing Gate	1,323.52	52.96
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*285.86*	
		For Aluminum With Satin Finish, Add	*325.47*	
		For Third Rail, Add	*87.33*	
		For 1" Square x 14 Gauge Pickets, Add	*116.44*	
32 31 19 00-0056	EA	10' Wide x 3' High Steel Tube Single Swing Gate	1,403.35	58.76
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*302.52*	
		For Aluminum With Satin Finish, Add	*341.58*	
		For Third Rail, Add	*92.01*	
		For 1" Square x 14 Gauge Pickets, Add	*122.68*	
32 31 19 00-0057	EA	6' Wide x 3' High Steel Tube Double Swing Gate	1,530.44	49.47
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*333.20*	
		For Aluminum With Satin Finish, Add	*392.24*	
		For Third Rail, Add	*103.64*	
		For 1" Square x 14 Gauge Pickets, Add	*138.18*	
32 31 19 00-0058	EA	7' Wide x 3' High Steel Tube Double Swing Gate	1,630.32	51.79
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*355.15*	
		For Aluminum With Satin Finish, Add	*419.07*	
		For Third Rail, Add	*110.60*	
		For 1" Square x 14 Gauge Pickets, Add	*147.47*	
32 31 19 00-0059	EA	8' Wide x 3' High Steel Tube Double Swing Gate	1,801.88	54.93
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*393.06*	
		For Aluminum With Satin Finish, Add	*466.36*	
		For Third Rail, Add	*122.77*	
		For 1" Square x 14 Gauge Pickets, Add	*163.70*	
32 31 19 00-0060	EA	9' Wide x 3' High Steel Tube Double Swing Gate	1,887.92	56.90
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*411.98*	
		For Aluminum With Satin Finish, Add	*489.56*	
		For Third Rail, Add	*128.79*	
		For 1" Square x 14 Gauge Pickets, Add	*171.72*	
32 31 19 00-0061	EA	10' Wide x 3' High Steel Tube Double Swing Gate	1,957.93	58.76
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*427.30*	
		For Aluminum With Satin Finish, Add	*507.95*	
		For Third Rail, Add	*133.61*	
		For 1" Square x 14 Gauge Pickets, Add	*178.14*	
32 31 19 00-0062	EA	12' Wide x 3' High Steel Tube Double Swing Gate	2,204.97	70.37
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*480.27*	
		For Aluminum With Satin Finish, Add	*566.38*	
		For Third Rail, Add	*149.52*	
		For 1" Square x 14 Gauge Pickets, Add	*199.36*	
32 31 19 00-0063	EA	14' Wide x 3' High Steel Tube Double Swing Gate	2,418.13	81.99
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*525.62*	
		For Aluminum With Satin Finish, Add	*614.65*	
		For Third Rail, Add	*162.90*	
		For 1" Square x 14 Gauge Pickets, Add	*217.19*	
32 31 19 00-0064	EA	16' Wide x 3' High Steel Tube Double Swing Gate	2,597.93	94.41
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*563.28*	
		For Aluminum With Satin Finish, Add	*651.88*	
		For Third Rail, Add	*173.59*	
		For 1" Square x 14 Gauge Pickets, Add	*231.46*	
32 31 19 00-0065	EA	18' Wide x 3' High Steel Tube Double Swing Gate	2,748.69	105.90
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*594.59*	
		For Aluminum With Satin Finish, Add	*681.42*	
		For Third Rail, Add	*182.29*	
		For 1" Square x 14 Gauge Pickets, Add	*243.05*	
32 31 19 00-0066	EA	20' Wide x 3' High Steel Tube Double Swing Gate	2,872.68	117.52
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*619.88*	
		For Aluminum With Satin Finish, Add	*702.95*	
		For Third Rail, Add	*188.97*	
		For 1" Square x 14 Gauge Pickets, Add	*251.97*	

32 31 19 00-0067 4' Fence Height Steel Tube Swing Gates, 2 Rail *(32 31 19 00-0046)*

32 31 19 00-0068	EA	3' Wide x 4' High Steel Tube Single Swing Gate	845.16	23.23
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*184.28*	
		For Aluminum With Satin Finish, Add	*218.28*	
		For Third Rail, Add	*57.51*	
		For 1" Square x 14 Gauge Pickets, Add	*76.68*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 19 00-0069	EA	3'-6" Wide x 4' High Steel Tube Single Swing Gate	914.03	27.06
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*199.56*	
		For Aluminum With Satin Finish, Add	*237.63*	
		For Third Rail, Add	*62.46*	
		For 1" Square x 14 Gauge Pickets, Add	*83.28*	
32 31 19 00-0070	EA	4' Wide x 4' High Steel Tube Single Swing Gate	985.83	29.03
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*215.28*	
		For Aluminum With Satin Finish, Add	*256.55*	
		For Third Rail, Add	*67.40*	
		For 1" Square x 14 Gauge Pickets, Add	*89.87*	
32 31 19 00-0071	EA	5' Wide x 4' High Steel Tube Single Swing Gate	1,045.13	30.89
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*228.19*	
		For Aluminum With Satin Finish, Add	*271.73*	
		For Third Rail, Add	*71.42*	
		For 1" Square x 14 Gauge Pickets, Add	*95.22*	
32 31 19 00-0072	EA	6' Wide x 4' High Steel Tube Single Swing Gate	1,127.90	37.16
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*245.42*	
		For Aluminum With Satin Finish, Add	*288.20*	
		For Third Rail, Add	*76.23*	
		For 1" Square x 14 Gauge Pickets, Add	*101.64*	
32 31 19 00-0073	EA	7' Wide x 4' High Steel Tube Single Swing Gate	1,239.21	43.32
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*269.07*	
		For Aluminum With Satin Finish, Add	*313.24*	
		For Third Rail, Add	*83.19*	
		For 1" Square x 14 Gauge Pickets, Add	*110.92*	
32 31 19 00-0074	EA	8' Wide x 4' High Steel Tube Single Swing Gate	1,391.53	49.47
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*301.95*	
		For Aluminum With Satin Finish, Add	*350.57*	
		For Third Rail, Add	*93.22*	
		For 1" Square x 14 Gauge Pickets, Add	*124.29*	
32 31 19 00-0075	EA	9' Wide x 4' High Steel Tube Single Swing Gate	1,540.28	55.74
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*334.02*	
		For Aluminum With Satin Finish, Add	*386.84*	
		For Third Rail, Add	*102.98*	
		For 1" Square x 14 Gauge Pickets, Add	*137.31*	
32 31 19 00-0076	EA	10' Wide x 4' High Steel Tube Single Swing Gate	1,681.90	61.89
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*364.49*	
		For Aluminum With Satin Finish, Add	*420.96*	
		For Third Rail, Add	*112.21*	
		For 1" Square x 14 Gauge Pickets, Add	*149.61*	
32 31 19 00-0077	EA	6' Wide x 4' High Steel Tube Double Swing Gate	1,690.32	52.25
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*368.56*	
		For Aluminum With Satin Finish, Add	*436.55*	
		For Third Rail, Add	*115.02*	
		For 1" Square x 14 Gauge Pickets, Add	*153.36*	
32 31 19 00-0078	EA	7' Wide x 4' High Steel Tube Double Swing Gate	1,828.09	54.11
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*399.13*	
		For Aluminum With Satin Finish, Add	*475.27*	
		For Third Rail, Add	*124.91*	
		For 1" Square x 14 Gauge Pickets, Add	*166.55*	
32 31 19 00-0079	EA	8' Wide x 4' High Steel Tube Double Swing Gate	1,971.65	58.06
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*430.56*	
		For Aluminum With Satin Finish, Add	*513.11*	
		For Third Rail, Add	*134.81*	
		For 1" Square x 14 Gauge Pickets, Add	*179.75*	
32 31 19 00-0080	EA	9' Wide x 4' High Steel Tube Double Swing Gate	2,084.46	59.92
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*455.50*	
		For Aluminum With Satin Finish, Add	*544.34*	
		For Third Rail, Add	*142.83*	
		For 1" Square x 14 Gauge Pickets, Add	*190.45*	
32 31 19 00-0081	EA	10' Wide x 4' High Steel Tube Double Swing Gate	2,179.42	61.89
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*476.43*	
		For Aluminum With Satin Finish, Add	*570.22*	
		For Third Rail, Add	*149.52*	
		For 1" Square x 14 Gauge Pickets, Add	*199.36*	
32 31 19 00-0082	EA	12' Wide x 4' High Steel Tube Double Swing Gate	2,475.14	74.20
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*540.18*	
		For Aluminum With Satin Finish, Add	*642.21*	
		For Third Rail, Add	*168.91*	
		For 1" Square x 14 Gauge Pickets, Add	*225.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 19 00-0083	EA	14' Wide x 4' High Steel Tube Double Swing Gate	2,735.20	86.63
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*595.91*	
		For Aluminum With Satin Finish, Add	*703.51*	
		For Third Rail, Add	*185.63*	
		For 1" Square x 14 Gauge Pickets, Add	*247.51*	
32 31 19 00-0084	EA	16' Wide x 4' High Steel Tube Double Swing Gate	2,961.38	98.94
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*644.01*	
		For Aluminum With Satin Finish, Add	*754.64*	
		For Third Rail, Add	*199.81*	
		For 1" Square x 14 Gauge Pickets, Add	*266.41*	
32 31 19 00-0085	EA	18' Wide x 4' High Steel Tube Double Swing Gate	3,157.25	111.37
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*685.30*	
		For Aluminum With Satin Finish, Add	*796.68*	
		For Third Rail, Add	*211.71*	
		For 1" Square x 14 Gauge Pickets, Add	*282.28*	
32 31 19 00-0086	EA	20' Wide x 4' High Steel Tube Double Swing Gate	3,324.58	123.79
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*720.16*	
		For Aluminum With Satin Finish, Add	*830.15*	
		For Third Rail, Add	*221.47*	
		For 1" Square x 14 Gauge Pickets, Add	*295.30*	

32 31 19 00-0087 5' Fence Height Steel Tube Swing Gates, 2 Rail *(32 31 19 00-0046)*

32 31 19 00-0088	EA	3' Wide x 5' High Steel Tube Single Swing Gate	919.38	27.06
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*200.76*	
		For Aluminum With Satin Finish, Add	*239.24*	
		For Third Rail, Add	*62.86*	
		For 1" Square x 14 Gauge Pickets, Add	*83.81*	
32 31 19 00-0089	EA	3'-6" Wide x 5' High Steel Tube Single Swing Gate	969.78	29.03
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*211.67*	
		For Aluminum With Satin Finish, Add	*251.74*	
		For Third Rail, Add	*66.20*	
		For 1" Square x 14 Gauge Pickets, Add	*88.27*	
32 31 19 00-0090	EA	4' Wide x 5' High Steel Tube Single Swing Gate	1,018.38	30.89
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*222.17*	
		For Aluminum With Satin Finish, Add	*263.71*	
		For Third Rail, Add	*69.41*	
		For 1" Square x 14 Gauge Pickets, Add	*92.55*	
32 31 19 00-0091	EA	5' Wide x 5' High Steel Tube Single Swing Gate	1,088.38	32.86
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*237.48*	
		For Aluminum With Satin Finish, Add	*282.10*	
		For Third Rail, Add	*74.23*	
		For 1" Square x 14 Gauge Pickets, Add	*98.97*	
32 31 19 00-0092	EA	6' Wide x 5' High Steel Tube Single Swing Gate	1,184.80	39.48
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*257.70*	
		For Aluminum With Satin Finish, Add	*302.14*	
		For Third Rail, Add	*79.98*	
		For 1" Square x 14 Gauge Pickets, Add	*106.64*	
32 31 19 00-0093	EA	7' Wide x 5' High Steel Tube Single Swing Gate	1,311.54	45.99
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*284.73*	
		For Aluminum With Satin Finish, Add	*331.28*	
		For Third Rail, Add	*88.00*	
		For 1" Square x 14 Gauge Pickets, Add	*117.34*	
32 31 19 00-0094	EA	8' Wide x 5' High Steel Tube Single Swing Gate	1,487.57	52.96
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*322.77*	
		For Aluminum With Satin Finish, Add	*374.68*	
		For Third Rail, Add	*99.64*	
		For 1" Square x 14 Gauge Pickets, Add	*132.85*	
32 31 19 00-0095	EA	9' Wide x 5' High Steel Tube Single Swing Gate	1,658.89	59.57
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*359.84*	
		For Aluminum With Satin Finish, Add	*417.19*	
		For Third Rail, Add	*111.00*	
		For 1" Square x 14 Gauge Pickets, Add	*148.01*	
32 31 19 00-0096	EA	10' Wide x 5' High Steel Tube Single Swing Gate	1,826.63	66.07
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*396.10*	
		For Aluminum With Satin Finish, Add	*458.63*	
		For Third Rail, Add	*122.10*	
		For 1" Square x 14 Gauge Pickets, Add	*162.81*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 19 00-0097	EA	6' Wide x 5' High Steel Tube Double Swing Gate	1,806.50	45.64
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*396.69*	
		For Aluminum With Satin Finish, Add	*483.32*	
		For Third Rail, Add	*125.72*	
		For 1" Square x 14 Gauge Pickets, Add	*167.62*	
32 31 19 00-0098	EA	7' Wide x 5' High Steel Tube Double Swing Gate	1,915.58	53.19
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*419.61*	
		For Aluminum With Satin Finish, Add	*506.27*	
		For Third Rail, Add	*132.27*	
		For 1" Square x 14 Gauge Pickets, Add	*176.36*	
32 31 19 00-0099	EA	8' Wide x 5' High Steel Tube Double Swing Gate	2,025.96	61.20
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*442.72*	
		For Aluminum With Satin Finish, Add	*529.04*	
		For Third Rail, Add	*138.82*	
		For 1" Square x 14 Gauge Pickets, Add	*185.10*	
32 31 19 00-0100	EA	9' Wide x 5' High Steel Tube Double Swing Gate	2,176.07	68.86
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*474.86*	
		For Aluminum With Satin Finish, Add	*564.30*	
		For Third Rail, Add	*148.45*	
		For 1" Square x 14 Gauge Pickets, Add	*197.94*	
32 31 19 00-0101	EA	10' Wide x 5' High Steel Tube Double Swing Gate	2,308.35	76.41
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*503.00*	
		For Aluminum With Satin Finish, Add	*594.21*	
		For Third Rail, Add	*156.74*	
		For 1" Square x 14 Gauge Pickets, Add	*208.99*	
32 31 19 00-0102	EA	12' Wide x 5' High Steel Tube Double Swing Gate	2,626.85	85.00
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*572.84*	
		For Aluminum With Satin Finish, Add	*678.84*	
		For Third Rail, Add	*178.81*	
		For 1" Square x 14 Gauge Pickets, Add	*238.41*	
32 31 19 00-0103	EA	14' Wide x 5' High Steel Tube Double Swing Gate	2,914.02	94.30
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*635.44*	
		For Aluminum With Satin Finish, Add	*752.92*	
		For Third Rail, Add	*198.34*	
		For 1" Square x 14 Gauge Pickets, Add	*264.45*	
32 31 19 00-0104	EA	16' Wide x 5' High Steel Tube Double Swing Gate	3,171.65	104.63
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*691.20*	
		For Aluminum With Satin Finish, Add	*816.99*	
		For Third Rail, Add	*215.46*	
		For 1" Square x 14 Gauge Pickets, Add	*287.27*	
32 31 19 00-0105	EA	18' Wide x 5' High Steel Tube Double Swing Gate	3,404.57	116.24
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*741.12*	
		For Aluminum With Satin Finish, Add	*871.92*	
		For Third Rail, Add	*230.43*	
		For 1" Square x 14 Gauge Pickets, Add	*307.25*	
32 31 19 00-0106	EA	20' Wide x 5' High Steel Tube Double Swing Gate	3,612.80	129.25
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*785.19*	
		For Aluminum With Satin Finish, Add	*917.72*	
		For Third Rail, Add	*243.27*	
		For 1" Square x 14 Gauge Pickets, Add	*324.36*	

32 31 19 00-0107 6' Fence Height Steel Tube Swing Gates, 2 Rail *(32 31 19 00-0046)*

32 31 19 00-0108	EA	3' Wide x 6' High Steel Tube Single Swing Gate	957.84	29.73
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*208.81*	
		For Aluminum With Satin Finish, Add	*247.11*	
		For Third Rail, Add	*65.13*	
		For 1" Square x 14 Gauge Pickets, Add	*86.84*	
32 31 19 00-0109	EA	3'-6" Wide x 6' High Steel Tube Single Swing Gate	1,007.07	31.36
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*219.54*	
		For Aluminum With Satin Finish, Add	*259.79*	
		For Third Rail, Add	*68.48*	
		For 1" Square x 14 Gauge Pickets, Add	*91.30*	
32 31 19 00-0110	EA	4' Wide x 6' High Steel Tube Single Swing Gate	1,057.12	33.10
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*230.39*	
		For Aluminum With Satin Finish, Add	*272.34*	
		For Third Rail, Add	*71.82*	
		For 1" Square x 14 Gauge Pickets, Add	*95.76*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 19 00-0111	EA	5' Wide x 6' High Steel Tube Single Swing Gate	1,118.54	35.18
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*243.75*	
		For Aluminum With Satin Finish, Add	*288.01*	
		For Third Rail, Add	*75.96*	
		For 1" Square x 14 Gauge Pickets, Add	*101.29*	
32 31 19 00-0112	EA	6' Wide x 6' High Steel Tube Single Swing Gate	1,256.50	42.50
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*273.13*	
		For Aluminum With Satin Finish, Add	*319.47*	
		For Third Rail, Add	*84.66*	
		For 1" Square x 14 Gauge Pickets, Add	*112.88*	
32 31 19 00-0113	EA	7' Wide x 6' High Steel Tube Single Swing Gate	1,403.38	49.93
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*304.53*	
		For Aluminum With Satin Finish, Add	*353.61*	
		For Third Rail, Add	*94.02*	
		For 1" Square x 14 Gauge Pickets, Add	*125.36*	
32 31 19 00-0114	EA	8' Wide x 6' High Steel Tube Single Swing Gate	1,566.95	56.90
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*339.76*	
		For Aluminum With Satin Finish, Add	*393.27*	
		For Third Rail, Add	*104.72*	
		For 1" Square x 14 Gauge Pickets, Add	*139.63*	
32 31 19 00-0115	EA	9' Wide x 6' High Steel Tube Single Swing Gate	1,724.54	64.21
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*373.56*	
		For Aluminum With Satin Finish, Add	*430.62*	
		For Third Rail, Add	*114.88*	
		For 1" Square x 14 Gauge Pickets, Add	*153.18*	
32 31 19 00-0116	EA	10' Wide x 6' High Steel Tube Single Swing Gate	1,915.99	71.53
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*414.99*	
		For Aluminum With Satin Finish, Add	*478.13*	
		For Third Rail, Add	*127.59*	
		For 1" Square x 14 Gauge Pickets, Add	*170.12*	
32 31 19 00-0117	EA	6' Wide x 6' High Steel Tube Double Swing Gate	1,877.36	49.24
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*411.87*	
		For Aluminum With Satin Finish, Add	*499.97*	
		For Third Rail, Add	*130.26*	
		For 1" Square x 14 Gauge Pickets, Add	*173.68*	
32 31 19 00-0118	EA	7' Wide x 6' High Steel Tube Double Swing Gate	1,990.79	57.72
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*435.57*	
		For Aluminum With Satin Finish, Add	*523.08*	
		For Third Rail, Add	*136.95*	
		For 1" Square x 14 Gauge Pickets, Add	*182.60*	
32 31 19 00-0119	EA	8' Wide x 6' High Steel Tube Double Swing Gate	2,102.93	65.73
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*459.08*	
		For Aluminum With Satin Finish, Add	*546.38*	
		For Third Rail, Add	*143.64*	
		For 1" Square x 14 Gauge Pickets, Add	*191.52*	
32 31 19 00-0120	EA	9' Wide x 6' High Steel Tube Double Swing Gate	2,237.76	74.20
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*487.59*	
		For Aluminum With Satin Finish, Add	*575.91*	
		For Third Rail, Add	*151.93*	
		For 1" Square x 14 Gauge Pickets, Add	*202.57*	
32 31 19 00-0121	EA	10' Wide x 6' High Steel Tube Double Swing Gate	2,447.49	82.68
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*532.96*	
		For Aluminum With Satin Finish, Add	*627.90*	
		For Third Rail, Add	*165.84*	
		For 1" Square x 14 Gauge Pickets, Add	*221.12*	
32 31 19 00-0122	EA	12' Wide x 6' High Steel Tube Double Swing Gate	2,868.40	92.09
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*625.65*	
		For Aluminum With Satin Finish, Add	*742.11*	
		For Third Rail, Add	*195.39*	
		For 1" Square x 14 Gauge Pickets, Add	*260.53*	
32 31 19 00-0123	EA	14' Wide x 6' High Steel Tube Double Swing Gate	3,006.05	102.88
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*654.33*	
		For Aluminum With Satin Finish, Add	*769.61*	
		For Third Rail, Add	*203.42*	
		For 1" Square x 14 Gauge Pickets, Add	*271.23*	
32 31 19 00-0124	EA	16' Wide x 6' High Steel Tube Double Swing Gate	3,301.39	114.50
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*718.29*	
		For Aluminum With Satin Finish, Add	*843.26*	
		For Third Rail, Add	*223.08*	
		For 1" Square x 14 Gauge Pickets, Add	*297.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 19 00-0125	EA	18' Wide x 6' High Steel Tube Double Swing Gate	3,573.81	127.39
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*776.80*	
		For Aluminum With Satin Finish, Add	*908.32*	
		For Third Rail, Add	*240.73*	
		For 1" Square x 14 Gauge Pickets, Add	*320.98*	
32 31 19 00-0126	EA	20' Wide x 6' High Steel Tube Double Swing Gate	3,828.17	142.13
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*830.87*	
		For Aluminum With Satin Finish, Add	*965.66*	
		For Third Rail, Add	*256.65*	
		For 1" Square x 14 Gauge Pickets, Add	*342.20*	
32 31 19 00-0127		**7' Fence Height Steel Tube Swing Gates, 2 Rail** *(32 31 19 00-0046)*		
32 31 19 00-0128	EA	3' Wide x 7' High Steel Tube Single Swing Gate	1,015.09	32.16
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*221.14*	
		For Aluminum With Satin Finish, Add	*260.99*	
		For Third Rail, Add	*68.88*	
		For 1" Square x 14 Gauge Pickets, Add	*91.84*	
32 31 19 00-0129	EA	3'-6" Wide x 7' High Steel Tube Single Swing Gate	1,066.55	33.91
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*232.34*	
		For Aluminum With Satin Finish, Add	*274.14*	
		For Third Rail, Add	*72.35*	
		For 1" Square x 14 Gauge Pickets, Add	*96.47*	
32 31 19 00-0130	EA	4' Wide x 7' High Steel Tube Single Swing Gate	1,118.26	35.65
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*243.57*	
		For Aluminum With Satin Finish, Add	*287.24*	
		For Third Rail, Add	*75.83*	
		For 1" Square x 14 Gauge Pickets, Add	*101.11*	
32 31 19 00-0131	EA	5' Wide x 7' High Steel Tube Single Swing Gate	1,170.08	37.50
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*254.82*	
		For Aluminum With Satin Finish, Add	*300.34*	
		For Third Rail, Add	*79.31*	
		For 1" Square x 14 Gauge Pickets, Add	*105.74*	
32 31 19 00-0132	EA	6' Wide x 7' High Steel Tube Single Swing Gate	1,354.95	45.64
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*294.59*	
		For Aluminum With Satin Finish, Add	*344.83*	
		For Third Rail, Add	*91.34*	
		For 1" Square x 14 Gauge Pickets, Add	*121.79*	
32 31 19 00-0133	EA	7' Wide x 7' High Steel Tube Single Swing Gate	1,524.40	53.42
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*330.97*	
		For Aluminum With Satin Finish, Add	*385.21*	
		For Third Rail, Add	*102.31*	
		For 1" Square x 14 Gauge Pickets, Add	*136.42*	
32 31 19 00-0134	EA	8' Wide x 7' High Steel Tube Single Swing Gate	1,648.65	61.43
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*357.10*	
		For Aluminum With Satin Finish, Add	*411.51*	
		For Third Rail, Add	*109.80*	
		For 1" Square x 14 Gauge Pickets, Add	*146.40*	
32 31 19 00-0135	EA	9' Wide x 7' High Steel Tube Single Swing Gate	1,789.56	69.21
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*387.06*	
		For Aluminum With Satin Finish, Add	*443.33*	
		For Third Rail, Add	*118.63*	
		For 1" Square x 14 Gauge Pickets, Add	*158.17*	
32 31 19 00-0136	EA	10' Wide x 7' High Steel Tube Single Swing Gate	1,961.95	77.34
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*424.02*	
		For Aluminum With Satin Finish, Add	*484.07*	
		For Third Rail, Add	*129.73*	
		For 1" Square x 14 Gauge Pickets, Add	*172.97*	
32 31 19 00-0137	EA	6' Wide x 7' High Steel Tube Double Swing Gate	1,987.43	52.72
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*435.87*	
		For Aluminum With Satin Finish, Add	*528.40*	
		For Third Rail, Add	*137.75*	
		For 1" Square x 14 Gauge Pickets, Add	*183.67*	
32 31 19 00-0138	EA	7' Wide x 7' High Steel Tube Double Swing Gate	2,105.69	61.66
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*460.56*	
		For Aluminum With Satin Finish, Add	*552.39*	
		For Third Rail, Add	*144.71*	
		For 1" Square x 14 Gauge Pickets, Add	*192.94*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 19 00-0139	EA	8' Wide x 7' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	2,225.25	71.07
		For Solid Pickets, Add	*485.45*	
		For Aluminum With Satin Finish, Add	*576.18*	
		For Third Rail, Add	*151.66*	
		For 1" Square x 14 Gauge Pickets, Add	*202.22*	
32 31 19 00-0140	EA	9' Wide x 7' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	2,345.31	80.01
		For Solid Pickets, Add	*510.55*	
		For Aluminum With Satin Finish, Add	*600.70*	
		For Third Rail, Add	*158.75*	
		For 1" Square x 14 Gauge Pickets, Add	*211.67*	
32 31 19 00-0141	EA	10' Wide x 7' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	2,641.40	89.42
		For Solid Pickets, Add	*575.15*	
		For Aluminum With Satin Finish, Add	*677.45*	
		For Third Rail, Add	*178.94*	
		For 1" Square x 14 Gauge Pickets, Add	*238.59*	
32 31 19 00-0142	EA	12' Wide x 7' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	3,189.69	99.75
		For Solid Pickets, Add	*696.32*	
		For Aluminum With Satin Finish, Add	*828.72*	
		For Third Rail, Add	*217.86*	
		For 1" Square x 14 Gauge Pickets, Add	*290.48*	
32 31 19 00-0143	EA	14' Wide x 7' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	3,159.98	111.83
		For Solid Pickets, Add	*687.05*	
		For Aluminum With Satin Finish, Add	*804.29*	
		For Third Rail, Add	*213.05*	
		For 1" Square x 14 Gauge Pickets, Add	*284.06*	
32 31 19 00-0144	EA	16' Wide x 7' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	3,425.28	124.72
		For Solid Pickets, Add	*743.96*	
		For Aluminum With Satin Finish, Add	*867.21*	
		For Third Rail, Add	*230.17*	
		For 1" Square x 14 Gauge Pickets, Add	*306.89*	
32 31 19 00-0145	EA	18' Wide x 7' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	3,742.05	139.46
		For Solid Pickets, Add	*812.07*	
		For Aluminum With Satin Finish, Add	*943.27*	
		For Third Rail, Add	*250.76*	
		For 1" Square x 14 Gauge Pickets, Add	*334.35*	
32 31 19 00-0146	EA	20' Wide x 7' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim.	3,953.86	155.61
		For Solid Pickets, Add	*856.28*	
		For Aluminum With Satin Finish, Add	*986.12*	
		For Third Rail, Add	*263.20*	
		For 1" Square x 14 Gauge Pickets, Add	*350.93*	

32 31 19 00-0147 8' Fence Height Steel Tube Swing Gates, 2 Rail *(32 31 19 00-0046)*

32 31 19 00-0148	EA	3' Wide x 8' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	1,103.10	34.83
		For Solid Pickets, Add	*240.36*	
		For Aluminum With Satin Finish, Add	*283.90*	
		For Third Rail, Add	*74.89*	
		For 1" Square x 14 Gauge Pickets, Add	*99.86*	
32 31 19 00-0149	EA	3'-6" Wide x 8' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	1,157.06	36.69
		For Solid Pickets, Add	*252.06*	
		For Aluminum With Satin Finish, Add	*297.47*	
		For Third Rail, Add	*78.51*	
		For 1" Square x 14 Gauge Pickets, Add	*104.67*	
32 31 19 00-0150	EA	4' Wide x 8' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	1,214.58	38.67
		For Solid Pickets, Add	*264.57*	
		For Aluminum With Satin Finish, Add	*312.12*	
		For Third Rail, Add	*82.38*	
		For 1" Square x 14 Gauge Pickets, Add	*109.85*	
32 31 19 00-0151	EA	5' Wide x 8' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	1,267.16	43.09
		For Solid Pickets, Add	*275.40*	
		For Aluminum With Satin Finish, Add	*321.88*	
		For Third Rail, Add	*85.33*	
		For 1" Square x 14 Gauge Pickets, Add	*113.77*	
32 31 19 00-0152	EA	6' Wide x 8' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim.	1,497.98	48.77
		For Solid Pickets, Add	*326.07*	
		For Aluminum With Satin Finish, Add	*383.55*	
		For Third Rail, Add	*101.38*	
		For 1" Square x 14 Gauge Pickets, Add	*135.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 19 00-0153	EA	7' Wide x 8' High Steel Tube Single Swing Gate	1,669.04	58.76
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*362.30*	
		For Aluminum With Satin Finish, Add	*421.29*	
		For Third Rail, Add	*111.94*	
		For 1" Square x 14 Gauge Pickets, Add	*149.25*	
32 31 19 00-0154	EA	8' Wide x 8' High Steel Tube Single Swing Gate	1,746.22	68.40
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*377.48*	
		For Aluminum With Satin Finish, Add	*431.37*	
		For Third Rail, Add	*115.55*	
		For 1" Square x 14 Gauge Pickets, Add	*154.07*	
32 31 19 00-0155	EA	9' Wide x 8' High Steel Tube Single Swing Gate	1,874.50	78.50
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*404.08*	
		For Aluminum With Satin Finish, Add	*456.27*	
		For Third Rail, Add	*122.91*	
		For 1" Square x 14 Gauge Pickets, Add	*163.88*	
32 31 19 00-0156	EA	10' Wide x 8' High Steel Tube Single Swing Gate	1,986.71	88.60
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*427.07*	
		For Aluminum With Satin Finish, Add	*476.35*	
		For Third Rail, Add	*129.06*	
		For 1" Square x 14 Gauge Pickets, Add	*172.08*	
32 31 19 00-0157	EA	6' Wide x 8' High Steel Tube Double Swing Gate	2,159.92	56.32
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*473.91*	
		For Aluminum With Satin Finish, Add	*575.55*	
		For Third Rail, Add	*149.92*	
		For 1" Square x 14 Gauge Pickets, Add	*199.90*	
32 31 19 00-0158	EA	7' Wide x 8' High Steel Tube Double Swing Gate	2,292.99	67.93
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*501.36*	
		For Aluminum With Satin Finish, Add	*600.53*	
		For Third Rail, Add	*157.41*	
		For 1" Square x 14 Gauge Pickets, Add	*209.88*	
32 31 19 00-0159	EA	8' Wide x 8' High Steel Tube Double Swing Gate	2,423.00	79.08
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*528.22*	
		For Aluminum With Satin Finish, Add	*625.16*	
		For Third Rail, Add	*164.77*	
		For 1" Square x 14 Gauge Pickets, Add	*219.69*	
32 31 19 00-0160	EA	9' Wide x 8' High Steel Tube Double Swing Gate	2,532.88	90.81
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*550.45*	
		For Aluminum With Satin Finish, Add	*643.18*	
		For Third Rail, Add	*170.52*	
		For 1" Square x 14 Gauge Pickets, Add	*227.36*	
32 31 19 00-0161	EA	10' Wide x 8' High Steel Tube Double Swing Gate	2,942.36	102.42
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*640.09*	
		For Aluminum With Satin Finish, Add	*751.07*	
		For Third Rail, Add	*198.74*	
		For 1" Square x 14 Gauge Pickets, Add	*264.98*	
32 31 19 00-0162	EA	12' Wide x 8' High Steel Tube Double Swing Gate	3,662.36	115.31
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*799.31*	
		For Aluminum With Satin Finish, Add	*950.41*	
		For Third Rail, Add	*249.96*	
		For 1" Square x 14 Gauge Pickets, Add	*333.28*	
32 31 19 00-0163	EA	14' Wide x 8' High Steel Tube Double Swing Gate	3,358.58	130.06
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*727.80*	
		For Aluminum With Satin Finish, Add	*840.30*	
		For Third Rail, Add	*224.01*	
		For 1" Square x 14 Gauge Pickets, Add	*298.69*	
32 31 19 00-0164	EA	16' Wide x 8' High Steel Tube Double Swing Gate	3,599.70	147.13
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*778.41*	
		For Aluminum With Satin Finish, Add	*890.80*	
		For Third Rail, Add	*238.46*	
		For 1" Square x 14 Gauge Pickets, Add	*317.95*	
32 31 19 00-0165	EA	18' Wide x 8' High Steel Tube Double Swing Gate	3,968.97	165.83
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*857.48*	
		For Aluminum With Satin Finish, Add	*977.44*	
		For Third Rail, Add	*262.13*	
		For 1" Square x 14 Gauge Pickets, Add	*349.51*	
32 31 19 00-0166	EA	20' Wide x 8' High Steel Tube Double Swing Gate	4,057.54	186.85
		Note: Includes mounting hardware and associated trim.		
		For Solid Pickets, Add	*872.90*	
		For Aluminum With Satin Finish, Add	*976.99*	
		For Third Rail, Add	*264.27*	
		For 1" Square x 14 Gauge Pickets, Add	*352.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 19 00-0167		**Replace Steel Tube Fence Pickets** *(32 31 19 00-0033)*		
32 31 19 00-0168	LF	Removal And Replacement Of 3/4" Square x 16 Gauge Steel Tube Fence Picket	32.39	
		For 1" Square x 14 Gauge Pickets, Add	*0.92*	
32 31 19 00-0169		**Ornamental Powder Coated Chicago Fencing** *(32 31 19)*		
		Note: Conforming to the City Of Chicago Fencing Specifications. Prices includes furnishing and complete installation of all posts. Includes a 15 year warranty against any defects for fence and all its components.		
32 31 19 00-0170		**Fencing** *(32 31 19 00-0169)*		
32 31 19 00-0171	LF	City Of Chicago Tree Pit Railing, Type A	126.52	
32 31 19 00-0172	LF	City Of Chicago, Type A 4'	160.54	
32 31 19 00-0173	LF	City Of Chicago, Type A 5'	179.19	
32 31 19 00-0174	LF	City Of Chicago, Type A 6'	201.58	
32 31 19 00-0175	LF	City Of Chicago, Type A 8'	247.10	
32 31 19 00-0176	LF	City Of Chicago, Tree Pit Railing, Type B	144.57	
32 31 19 00-0177	LF	City Of Chicago, Type B 18"	97.45	
32 31 19 00-0178	LF	City Of Chicago, Type B 30"	151.72	
32 31 19 00-0179	LF	City Of Chicago, Type B 4'	171.72	
32 31 19 00-0180	LF	City Of Chicago, Type B 5'	178.45	
32 31 19 00-0181	LF	City Of Chicago, Type B 6'	200.84	
32 31 19 00-0182	LF	City Of Chicago, Type B 8'	246.34	
32 31 19 00-0183		**Gates** *(32 31 19 00-0169)*		
32 31 19 00-0184	EA	City Of Chicago, Type A 4' x 4' Gate	1,278.34	
32 31 19 00-0185	EA	City Of Chicago, Type A 4' x 6' Double Gate	1,922.32	
32 31 19 00-0186	EA	City Of Chicago, Type A 4' x 8' Double Gate	2,549.18	
32 31 19 00-0187	EA	City Of Chicago, Type A 5' x 4' Gate	1,555.19	
32 31 19 00-0188	EA	City Of Chicago, Type A 5' x 6' Double Gate	2,110.38	
32 31 19 00-0189	EA	City Of Chicago, Type A 5' x 8' Double Gate	2,766.08	
32 31 19 00-0190	EA	City Of Chicago, Type A 6' x 4' Gate	1,512.37	
32 31 19 00-0191	EA	City Of Chicago, Type A 6' x 6' Double Gate	2,193.97	
32 31 19 00-0192	EA	City Of Chicago, Type A 6' x 8' Double Gate	2,874.55	
32 31 19 00-0193	EA	City Of Chicago, Type A 8' x 4' Gate	1,777.04	
32 31 19 00-0194	EA	City Of Chicago, Type A 8' x 6' Double Gate	2,566.07	
32 31 19 00-0195	EA	City Of Chicago, Type A 8' x 8' Double Gate	3,355.13	
32 31 19 00-0196	EA	City Of Chicago, Type B 4' x 4' Gate	1,293.48	
32 31 19 00-0197	EA	City Of Chicago, Type B 4' x 6' Double Gate	1,915.34	
32 31 19 00-0198	EA	City Of Chicago, Type B 4' x 8' Double Gate	2,537.23	
32 31 19 00-0199	EA	City Of Chicago, Type B 5' x 4' Gate	1,350.03	
32 31 19 00-0200	EA	City Of Chicago, Type B 5' x 6' Double Gate	1,800.61	
32 31 19 00-0201	EA	City Of Chicago, Type B 5' x 8' Double Gate	2,396.80	
32 31 19 00-0202	EA	City Of Chicago, Type B 6' x 4' Gate	1,271.34	
32 31 19 00-0203	EA	City Of Chicago, Type B 6' x 6' Double Gate	2,179.04	
32 31 19 00-0204	EA	City Of Chicago, Type B 6' x 8' Double Gate	2,855.63	
32 31 19 00-0205	EA	City Of Chicago, Type B 8' x 4' Gate	1,762.13	
32 31 19 00-0206	EA	City Of Chicago, Type B 8' x 6' Double Gate	2,543.21	
32 31 19 00-0207	EA	City Of Chicago, Type B 8' x 8' Double Gate	3,325.27	
32 31 19 00-0208		**Other** *(32 31 19 00-0169)*		
32 31 19 00-0209	EA	Ornamental Hanger Planters	612.39	
32 31 19 00-0210	EA	Driven 8' "I" Beam Bollards Conforming To City Of Chicago Specifications	311.14	
		Note: For augering and/or concrete installation, add appropriate tasks.		
32 31 19 00-0211		**Removal And Reinstallation Of Ornamental Fences** *(32 31 19)*		
		Note: Including storage and cleaning. Excludes augering and concrete.		
32 31 19 00-0212	LF	Removal And Reinstallation Of Ornamental Fence Up To 5' Height	52.25	
32 31 19 00-0213	LF	Removal And Reinstallation Of Ornamental Fence, 6' Height	57.49	
32 31 19 00-0214	LF	Removal And Reinstallation Of Ornamental Fence, 7' Height	62.71	
32 31 19 00-0215	LF	Removal And Reinstallation Of Ornamental Fence, 8' Height	67.93	
32 31 19 00-0216	LF	Removal And Reinstallation Of Ornamental Fence, 9' Height	73.16	
32 31 19 00-0217	LF	Removal And Reinstallation Of Ornamental Fence, 10' Height	78.38	
32 31 19 00-0218	LF	Removal And Reinstallation Of Ornamental Fence 12' Height	87.10	
32 31 26		**Wire Fences and Gates** *(32 31)*		
32 31 26 13		**Wire Fences with Steel Posts** *(32 31 26)*		
32 31 26 13-0001		**Chicken Wire** *(32 31 26 13)*		
		Note: Posts at 4'.		
32 31 26 13-0002	LF	4' High, 1" Mesh, Chicken Wire Fence, Metal Posts At 4'	9.71	2.13
32 31 26 13-0003	LF	6' High, 2" Mesh, Chicken Wire Fence, Metal Posts At 4'	10.66	2.13
32 31 26 13-0004		**Wire And Screen** *(32 31 26 13)*		
32 31 26 13-0005		**Wire And Screen For Partitions And Fences** *(32 31 26 13-0004)*		
		Note: Excludes framing and post.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 26 13-0006		**Screen Wire** *(32 31 26 13-0005)*		
32 31 26 13-0007	LF	Screen Wire, 48" Wide Rolls	14.31	1.20
32 31 26 13-0008		**Hog Wire** *(32 31 26 13-0005)*		
32 31 26 13-0009	SF	4" x 4" Hog Wire For Fencing	2.48	0.95
32 31 26 13-0010	SF	6" x 6" Hog Wire For Fencing	2.60	1.08
32 31 26 13-0011		**Non-Climb Horse Fence** *(32 31 26 13-0005)*		
32 31 26 13-0012	LF	4' Non-Climb Woven, 12.5 Gauge, Horse Fence	11.15	3.83
32 31 26 13-0013	LF	5' Non-Climb Woven, 12.5 Gauge, Horse Fence	14.31	4.79
32 31 26 13-0014	LF	6' Non-Climb Woven, 12.5 Gauge, Horse Fence	17.98	5.74
32 31 26 13-0015		**Screen For Partitions And Ceilings** *(32 31 26 13-0004)*		
		Note: Can be used to support insulation on walls and ceilings.		
32 31 26 13-0016	SF	1" Mesh Chicken Wire	2.46	0.68
32 31 26 13-0017		**Wicket Fence** *(32 31 26 13)*		
32 31 26 13-0018	LF	Steel Wicket Fence, Painted	92.28	6.40
32 31 29		**Wood Fences and Gates** *(32 31)*		
		See CSI section 32 31 13 13-0001 for drilling for augering holes and backfill.		
32 31 29 00-0001		**Basket Weave** *(32 31 29)*		
		Note: 3/8" x 4" boards, 4" x 4" post		
32 31 29 00-0002	LF	6' High #1 Cedar Basket Weave Fence 3/8" x 4" Boards, 4" x 4" Post	46.87	4.24
		For Fastening With Screws Instead Of Nails, Add	*2.79*	
32 31 29 00-0003	LF	6' High, Pressure Treated Pine Basket Weave 3/8" x 4" Boards, 4" x 4" Post	31.90	4.24
		For Fastening With Screws Instead Of Nails, Add	*2.07*	
32 31 29 00-0004		**Board Fence** *(32 31 29)*		
		Note: 1x4" board, 2x4" rail, 4x4" post.		
32 31 29 00-0005	LF	Two 2" x 4" Rails, 3' High 1" x 4" Boards, Preservative Treated Board Fence	31.35	4.24
		For 1" x 6" Boards, Deduct	*-3.41*	
		For 1" x 3" Boards (Stockade Top), Add	*4.27*	
		For Fastening With Screws Instead Of Nails, Add	*2.06*	
32 31 29 00-0006	LF	Two 2" x 4" Rails, 4' High 1" x 4" Boards, Preservative Treated Board Fence	34.79	4.24
		For 1" x 6" Boards, Deduct	*-3.70*	
		For 1" x 3" Boards (Stockade Top), Add	*4.62*	
		For Fastening With Screws Instead Of Nails, Add	*2.26*	
32 31 29 00-0007	LF	Three 2" x 4" Rails, 5' High 1" x 4" Boards, Preservative Treated Board Fence	38.64	4.24
		For 1" x 6" Boards, Deduct	*-3.95*	
		For 1" x 3" Boards (Stockade Top), Add	*4.87*	
		For Fastening With Screws Instead Of Nails, Add	*2.48*	
32 31 29 00-0008	LF	Three 2" x 4" Rails, 6' High 1" x 4" Boards, Preservative Treated Board Fence	41.19	4.24
		For 1" x 6" Boards, Deduct	*-4.14*	
		For 1" x 3" Boards (Stockade Top), Add	*5.09*	
		For Fastening With Screws Instead Of Nails, Add	*2.63*	
32 31 29 00-0009	LF	Three 2" x 4" Rails, 8' High 1" x 4" Boards, Preservative Treated Board Fence	43.93	4.24
		For 1" x 6" Boards, Deduct	*-4.35*	
		For 1" x 3" Boards (Stockade Top), Add	*5.32*	
		For Fastening With Screws Instead Of Nails, Add	*2.79*	
32 31 29 00-0010	LF	Two 2" x 4" Rails, 3' High 1" x 4" #2 Grade Western Cedar Board Fence	33.34	4.24
		For 1" x 6" Boards, Deduct	*-3.49*	
		For 1" x 3" Boards (Stockade Top), Add	*4.33*	
		For Fastening With Screws Instead Of Nails, Add	*2.16*	
32 31 29 00-0011	LF	Two 2" x 4" Rails, 4' High 1" x 4" #2 Grade Western Cedar Board Fence	36.32	4.24
		For 1" x 6" Boards, Deduct	*-3.76*	
		For 1" x 3" Boards (Stockade Top), Add	*4.66*	
		For Fastening With Screws Instead Of Nails, Add	*2.34*	
32 31 29 00-0012	LF	Three 2" x 4" Rails, 5' High 1" x 4" #2 Grade Western Cedar Board Fence	38.64	4.24
		For 1" x 6" Boards, Deduct	*-3.95*	
		For 1" x 3" Boards (Stockade Top), Add	*4.87*	
		For Fastening With Screws Instead Of Nails, Add	*2.48*	
32 31 29 00-0013	LF	Three 2" x 4" Rails, 6' High 1" x 4" #2 Grade Western Cedar Board Fence	41.19	4.24
		For 1" x 6" Boards, Deduct	*-4.14*	
		For 1" x 3" Boards (Stockade Top), Add	*5.09*	
		For Fastening With Screws Instead Of Nails, Add	*2.63*	
32 31 29 00-0014	LF	Three 2" x 4" Rails, 8' High 1" x 4" #2 Grade Western Cedar Board Fence	43.93	4.24
		For 1" x 6" Boards, Deduct	*-4.35*	
		For 1" x 3" Boards (Stockade Top), Add	*5.32*	
		For Fastening With Screws Instead Of Nails, Add	*2.79*	
32 31 29 00-0015	LF	Two 2" x 4" Rails, 3' High 1" x 4" #1 Grade Cedar Board Fence	33.34	4.24
		For 1" x 6" Boards, Deduct	*-3.49*	
		For 1" x 3" Boards (Stockade Top), Add	*4.33*	
		For Fastening With Screws Instead Of Nails, Add	*2.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 29 00-0016	LF	Two 2" x 4" Rails, 4' High 1" x 4" #1 Grade Cedar Board Fence	43.11	4.24
		For 1" x 6" Boards, Deduct	*-4.04*	
		For 1" x 3" Boards (Stockade Top), Add	*4.87*	
		For Fastening With Screws Instead Of Nails, Add	*2.68*	
32 31 29 00-0017	LF	Three 2" x 4" Rails, 5' High 1" x 4" #1 Grade Cedar Board Fence	45.15	4.24
		For 1" x 6" Boards, Deduct	*-4.21*	
		For 1" x 3" Boards (Stockade Top), Add	*5.06*	
		For Fastening With Screws Instead Of Nails, Add	*2.80*	
32 31 29 00-0018	LF	Three 2" x 4" Rails, 6' High 1" x 4" #1 Grade Cedar Board Fence	48.47	4.24
		For 1" x 6" Boards, Deduct	*-4.44*	
		For 1" x 3" Boards (Stockade Top), Add	*5.31*	
		For Fastening With Screws Instead Of Nails, Add	*2.99*	
32 31 29 00-0019	LF	Three 2" x 4" Rails, 8' High 1" x 4" #1 Grade Cedar Board Fence	52.05	4.24
		For 1" x 6" Boards, Deduct	*-4.67*	
		For 1" x 3" Boards (Stockade Top), Add	*5.57*	
		For Fastening With Screws Instead Of Nails, Add	*3.19*	
32 31 29 00-0020		**Shadow Box** *(32 31 29)*		
		Note: 1x6" board, 2x4" Rail, 4x4" post.		
32 31 29 00-0021	LF	Shadow Box, 3 - 2" x 4" Rails, 6' High 1" x 6" Pressure Treated Pine	64.16	4.24
		For Fastening With Screws Instead Of Nails, Add	*3.65*	
32 31 29 00-0022	LF	Shadow Box, 3 - 2" x 4" Rails, 4' High 1" x 4" #1 Cedar	80.44	4.24
		For Fastening With Screws Instead Of Nails, Add	*4.55*	
32 31 29 00-0023	LF	Shadow Box, 3 - 2" x 4" Rails, 6' High 1" x 4" #1 Cedar	87.51	4.24
		For Fastening With Screws Instead Of Nails, Add	*4.92*	
32 31 29 00-0024	LF	Shadow Box, 3 - 2" x 4" Rails, 8' High 1" x 4" #1 Cedar	94.02	4.24
		For Fastening With Screws Instead Of Nails, Add	*5.29*	
32 31 29 00-0025		**Open Rail Fence** *(32 31 29)*		
32 31 29 00-0026		**Post And Rail Fence, Ranch Style** *(32 31 29 00-0025)*		
32 31 29 00-0027	LF	Post And Rail Fence, 2 Rails, 3' High #1 Cedar	31.14	4.24
32 31 29 00-0028	LF	Post And Rail Fence, 2 Rails, 3' High #2 Cedar	24.83	4.24
32 31 29 00-0029	LF	Post And Rail Fence, 3 Rails, 4' High #1 Cedar	36.62	4.24
32 31 29 00-0030	LF	Post And Rail Fence, 3 Rails, 4' High #2 Cedar	26.78	4.24
32 31 29 00-0031		**Split Rail Fence** *(32 31 29 00-0025)*		
32 31 29 00-0032	LF	Split Rail Fence, 2 Rails, 3' High #1 Cedar	29.52	4.24
32 31 29 00-0033	LF	Split Rail Fence, 2 Rails, 3' High #2 Cedar	24.76	4.24
32 31 29 00-0034	LF	Split Rail Fence, 3 Rail, 4' High #1 Cedar	33.52	4.24
32 31 29 00-0035	LF	Split Rail Fence, 3 Rail, 4' High #2 Cedar	27.70	4.24
32 31 29 00-0036		**Picket Fence** *(32 31 29)*		
32 31 29 00-0037	LF	Picket Fence, 2 Rail, 3' High, Pressure Treated	35.59	4.24
		For Fastening With Screws Instead Of Nails, Add	*2.29*	
32 31 29 00-0038	LF	Picket Fence, 2 Rail, 3' High #1 Cedar	33.42	4.24
		For Fastening With Screws Instead Of Nails, Add	*2.18*	
32 31 29 00-0039		**Wood Fence Post Accessories** *(32 31 29)*		
32 31 29 00-0040	EA	3-1/2" x 3-1/2" Copper, Pyramid Slip Over, Wood Fence Post Cap	49.80	
32 31 29 00-0041	EA	4" x 4" Copper, Pyramid Slip Over, Wood Fence Post Cap	55.44	
32 31 29 00-0042	EA	6" x 6" Copper, Pyramid Slip Over, Wood Fence Post Cap	60.49	
32 31 29 00-0043	EA	8" x 8" Copper, Pyramid Slip Over, Wood Fence Post Cap	88.10	
32 31 29 00-0044		**Wood Gate** *(32 31 29)*		
32 31 29 00-0045		**Board Fence Gates, Pressure Treated Wood** *(32 31 29 00-0044)*		
		Note: Includes galvanized extra duty hinges (1-1/2 butts per leaf), a galvanized latch and extra heavy-duty wheels per leaf, based on 2x4 frame, 1x4 cover, galvanized nails and hinges (treated lumber).		
32 31 29 00-0046	EA	3' To 5' High x 3' Wide, Pressure Treated Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	468.46	148.10
32 31 29 00-0047	EA	3' To 5' High x 3'-6" Wide, Pressure Treated Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	517.24	156.98
32 31 29 00-0048	EA	3' To 5' High x 4' Wide, Pressure Treated Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	577.87	171.79
32 31 29 00-0049	EA	3' To 5' High x 5' Wide, Pressure Treated Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	654.22	180.68
32 31 29 00-0050	EA	3' To 5' High x 6' Wide, Pressure Treated Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	730.55	189.57
32 31 29 00-0051	EA	>5' To 8' High x 3' Wide, Pressure Treated Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	597.69	195.48
32 31 29 00-0052	EA	>5' To 8' High x 3'-6" Wide, Pressure Treated Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	649.92	204.37
32 31 29 00-0053	EA	>5' To 8' High x 4' Wide, Pressure Treated Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	702.15	213.26
32 31 29 00-0054	EA	>5' To 8' High x 5' Wide, Pressure Treated Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	788.83	222.15
32 31 29 00-0055	EA	>5' To 8' High x 6' Wide, Pressure Treated Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	858.27	231.03
32 31 29 00-0056		**Board Fence Gates, Grade 2 Cedar** *(32 31 29 00-0044)*		
		Note: Includes galvanized extra duty hinges (1-1/2 butts per leaf), a galvanized latch and extra heavy-duty wheels per leaf, based on 2x4 frame, 1x4 cover, galvanized nails and hinges (cedar lumber)		
32 31 29 00-0057	EA	3' To 5' High x 3' Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	730.56	132.72
32 31 29 00-0058	EA	3' To 5' High x 3'-6" Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	756.83	140.68

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 29 00-0059	EA	3' To 5' High x 4' Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	797.15	153.95
32 31 29 00-0060	EA	3' To 5' High x 5' Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	840.64	161.91
32 31 29 00-0061	EA	3' To 5' High x 6' Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	894.46	169.88
32 31 29 00-0062	EA	>5' To 8' High x 3' Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	867.19	175.19
32 31 29 00-0063	EA	>5' To 8' High x 3'-6" Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	900.34	183.15
32 31 29 00-0064	EA	>5' To 8' High x 4' Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	950.72	191.11
32 31 29 00-0065	EA	>5' To 8' High x 5' Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	1,001.09	199.07
32 31 29 00-0066	EA	>5' To 8' High x 6' Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	1,051.48	207.04
32 31 29 00-0067		**Board Fence Gates, Grade 1 Cedar** *(32 31 29 00-0044)* Note: Includes galvanized extra duty hinges (1-1/2 butts per leaf), a galvanized latch and extra heavy-duty wheels per leaf, based on 2x4 frame, 1x4 cover, galvanized nails and hinges (cedar lumber)		
32 31 29 00-0068	EA	3' To 5' High x 3' Wide, #1 Cedar Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	782.24	132.72
32 31 29 00-0069	EA	3' To 5' High x 3'-6" Wide, #1 Cedar Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	815.40	140.68
32 31 29 00-0070	EA	3' To 5' High x 4' Wide, #1 Cedar Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	859.16	153.95
32 31 29 00-0071	EA	3' To 5' High x 5' Wide, #1 Cedar Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	909.55	161.91
32 31 29 00-0072	EA	3' To 5' High x 6' Wide, #1 Cedar Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	959.92	169.88
32 31 29 00-0073	EA	>5' To 8' High x 3' Wide, #1 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	936.10	175.19
32 31 29 00-0074	EA	>5' To 8' High x 3'-6" Wide, #1 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	969.24	183.15
32 31 29 00-0075	EA	>5' To 8' High x 4' Wide, #1 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	1,019.63	191.11
32 31 29 00-0076	EA	>5' To 8' High x 5' Wide, #1 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	1,070.00	199.07
32 31 29 00-0077	EA	>5' To 8' High x 6' Wide, #1 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	1,137.61	207.04
32 31 29 00-0078		**Pressure Treated Wood Fence Posts** *(32 31 29)* See CSI section 32 31 13 13-0001 for drilling augering, 32 31 13 13-0633 for barbed wire, 32 31 56 00-0017 for barbed wire.		
32 31 29 00-0079	EA	4' High, Pressure Treated Wood Fence Posts, Set In Soil, Earth Fill	44.68	14.81
32 31 29 00-0080	EA	6' High, Pressure Treated Wood Fence Posts, Set In Soil, Earth Fill	50.12	14.81
32 31 29 00-0081	EA	4' High, Pressure Treated Wood Fence Posts, Set In Concrete	78.92	28.44
32 31 29 00-0082	EA	6' High, Pressure Treated Wood Fence Posts, Set In Concrete	85.11	28.44

32 31 56 Wild Life Deterrent Fence *(32 31)*

32 31 56 00-0001		**Barbed Wire Fences** *(32 31 56)* Note: Excludes post holes and fill See CSI section 32 31 13 13-0001 for drilling for augering holes and backfill.		
32 31 56 00-0002		**Fence Posts** *(32 31 56 00-0001)*		
32 31 56 00-0003		**Fence Post Soil, Set In Concrete** *(32 31 56 00-0002)*		
32 31 56 00-0004	EA	Barbed Wire Fence Post, Galvanized Set In Concrete In Soil	108.16	9.29
		For Bracing On Corner Post, End Post And Pull Post, Add	*174.05*	
32 31 56 00-0005	EA	Barbed Wire Fence Post, Vinyl Coated Set In Concrete In Soil	144.30	9.29
		For Bracing On Corner Post, End Post And Pull Post, Add	*234.40*	
32 31 56 00-0006		**Post In Rock** *(32 31 56 00-0002)*		
32 31 56 00-0007	EA	Barbed Wire Fence Post, Galvanized Grouted In Rock	106.12	9.29
		For Bracing On Corner Post, End Post And Pull Post, Add	*170.99*	
32 31 56 00-0008	EA	Barbed Wire Fence Post, Vinyl Coated Grouted In Rock	142.26	9.29
		For Bracing On Corner Post, End Post And Pull Post, Add	*231.34*	
32 31 56 00-0009		**Studded Steel T-Posts, Enamel Paint Finish** *(32 31 56 00-0001)* Note: Posts for barb wire, chain link or welded wire mesh.		
32 31 56 00-0010	EA	5' Studded Steel T-Post, Driven Into Earth	30.13	
32 31 56 00-0011	EA	5'-6" Studded Steel T-Post, Driven Into Earth	30.86	
32 31 56 00-0012	EA	6' Studded Steel T-Post, Driven Into Earth	32.19	
32 31 56 00-0013	EA	6'-6" Studded Steel T-Post, Driven Into Earth	33.53	
32 31 56 00-0014	EA	7' Studded Steel T-Post, Driven Into Earth	35.28	
32 31 56 00-0015	EA	8' Studded Steel T-Post, Driven Into Earth	39.61	
32 31 56 00-0016	EA	10' Studded Steel T-Post, Driven Into Earth	47.80	
32 31 56 00-0017		**Barbed Wire** *(32 31 56 00-0001)* Note: Per strand.		
32 31 56 00-0018	LF	Galvanized Barbed Wire For Wild Life Deterrent Fencing, Per Strand	1.02	0.46
32 31 56 00-0019	LF	Vinyl Coated Barbed Wire, For Wild Life Deterrent Fencing, Per Strand	1.16	0.46
32 31 56 00-0020		**Barbed Wire Fence, Farm Style, With Wood Posts** *(32 31 56 00-0001)* Note: Based on post at 10' centers, two corner post and two pull post per 300 lf.		
32 31 56 00-0021	LF	4'-6" Height, Three (3) Strand Barbed Wire Fence With Wood Posts Note: Posts at 10' maximum.	13.49	3.02

32 32 Retaining Walls *(32 30)*

32 32 13 Cast-In-Place Concrete Retaining Wall *(32 32)*

Note: System includes all necessary forms (4 uses), 3000 PSI concrete with an 8" chute, all necessary reinforcing steel, and underdrain. Exposed concrete is patched and rubbed. Excludes initial site grading, subbase preparation or finish grading.

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 32 13 00-0001		**Concrete Retaining Walls** *(32 32 13)* Note: System elements include all necessary forms (4 uses), 3000 PSI concrete with an 8" chute, all necessary reinforcing steel, and underdrain. Exposed concrete is patched and rubbed. Excludes initial site grading, subbase preparation or finish grading.		
32 32 13 00-0002	LF	4' High With Base, 10" Thick, Reinforced, Cast-In-Place Concrete Retaining Wall	455.70	171.11
		For >3:1 Sloped Soil At Top, Add	*9.66*	
32 32 13 00-0003	LF	6' High With Base, 10" Thick, Reinforced, Cast-In-Place Concrete Retaining Wall	567.89	210.54
		For >3:1 Sloped Soil At Top, Add	*12.47*	
32 32 13 00-0004	LF	8' High With Base, 10" Thick, Reinforced, Cast-In-Place Concrete Retaining Wall	618.14	227.10
		For >3:1 Sloped Soil At Top, Add	*13.93*	
32 32 13 00-0005	LF	10' High With Base, 13" Thick, Reinforced, Cast-In-Place Concrete Retaining Wall	785.70	280.80
		For >3:1 Sloped Soil At Top, Add	*19.06*	
32 32 13 00-0006	LF	12' High With Base, 14" Thick, Reinforced, Cast-In-Place Concrete Retaining Wall	905.33	322.54
		For >3:1 Sloped Soil At Top, Add	*22.11*	
32 32 13 00-0007	LF	16' High With Base, 16" Thick, Reinforced, Cast-In-Place Concrete Retaining Wall	1,310.99	473.18
		For >3:1 Sloped Soil At Top, Add	*31.00*	
32 32 13 00-0008	LF	20' High With Base, 18" Thick, Reinforced, Cast-In-Place Concrete Retaining Wall	1,800.47	653.25
		For >3:1 Sloped Soil At Top, Add	*41.98*	
32 32 13 00-0009	LF	4' High With Base, 12" Thick, Reinforced, Cast-In-Place Concrete Retaining Wall	500.54	186.86
		For >3:1 Sloped Soil At Top, Add	*10.78*	
32 32 13 00-0010	LF	6' High With Base, 12" Thick, Reinforced, Cast-In-Place Concrete Retaining Wall	611.97	225.15
		For >3:1 Sloped Soil At Top, Add	*13.75*	
32 32 13 00-0011	LF	8' High With Base, 12" Thick, Reinforced, Cast-In-Place Concrete Retaining Wall	647.30	234.92
		For >3:1 Sloped Soil At Top, Add	*15.08*	
32 32 13 00-0012	LF	10' High With Base, 16" Thick, Reinforced, Cast-In-Place Concrete Retaining Wall	888.84	314.84
		For >3:1 Sloped Soil At Top, Add	*22.02*	
32 32 13 00-0013	LF	12' High With Base, 18" Thick, Reinforced, Cast-In-Place Concrete Retaining Wall	1,128.03	404.42
		For >3:1 Sloped Soil At Top, Add	*27.13*	
32 32 13 00-0014	LF	16' High With Base, 21" Thick, Reinforced, Cast-In-Place Concrete Retaining Wall	1,692.78	613.00
		For >3:1 Sloped Soil At Top, Add	*39.68*	
32 32 13 00-0015	LF	20' High With Base, 24" Thick, Reinforced, Cast-In-Place Concrete Retaining Wall	2,389.06	865.29
		For >3:1 Sloped Soil At Top, Add	*55.97*	
32 32 16		**Precast Concrete Retaining Walls** *(32 32)*		
32 32 16 00-0001		Precast Retaining Walls *(32 32 16)* Note: Tied-back earth walls. Includes precast filter fabric, soil reinforcing mesh and cast-in-place coping. Excludes concrete leveling pad, or select earth excavation and backfill.		
32 32 16 00-0002	SF	10-15' High, Tied-back, Precast Concrete Retaining Walls	98.37	14.92
32 32 16 00-0003	SF	16-20' High, Tied-back, Precast Concrete Retaining Walls	100.82	11.98
32 32 16 00-0004	SF	21-25' High, Tied-back, Precast Concrete Retaining Walls	104.40	9.98
32 32 16 00-0005	SF	26-30' High, Tied-back, Precast Concrete Retaining Walls	112.84	9.98
32 32 16 00-0006	SF	>30' High, Tied-back, Precast Concrete Retaining Walls	119.24	8.52
32 32 23		**Segmental Retaining Walls** *(32 32)*		
32 32 23 13		**Segmental Concrete Unit Masonry Retaining Walls** *(32 32 23)*		
32 32 23 13-0001		Modular Retaining Wall Systems *(32 32 23 13)* Note: Includes installation, material and manufacturer's wall design. Includes stone wall, cap stones, #57 stone backing, Geo-Grid (2/3 height of wall), miradrain and fill with earth, and compaction. Includes cap at top, pins, and installation. Excludes initial site grading, subbase preparation or finish grading.		
32 32 23 13-0002		"Amastone" Type Modular Retaining Wall Systems *(32 32 23 13-0001)*		
32 32 23 13-0003	SF	Up To 4' Height "Amastone" Type Modular Retaining Wall System	69.32	9.96
		For >3:1 Sloped Soil At Top, Add	*4.20*	
32 32 23 13-0004	SF	4 To 8' Height "Amastone" Type Modular Retaining Wall System	73.13	10.48
		For >3:1 Sloped Soil At Top, Add	*4.43*	
32 32 23 13-0005	SF	8 To 12' Height "Amastone" Type Modular Retaining Wall System	76.41	11.53
		For >3:1 Sloped Soil At Top, Add	*4.53*	
32 32 23 13-0006	SF	12 To 16' Height "Amastone" Type Modular Retaining Wall System	79.85	12.58
		For >3:1 Sloped Soil At Top, Add	*4.65*	
32 32 23 13-0007		"Diamond" Type Modular Retaining Wall Systems *(32 32 23 13-0001)*		
32 32 23 13-0008	SF	Up To 4' Height "Diamond" Type Modular Retaining Wall System	71.90	9.96
		For >3:1 Sloped Soil At Top, Add	*4.42*	
32 32 23 13-0009	SF	4 To 8' Height "Diamond" Type Modular Retaining Wall System	75.71	10.48
		For >3:1 Sloped Soil At Top, Add	*4.65*	
32 32 23 13-0010	SF	8 To 12' Height "Diamond" Type Modular Retaining Wall System	78.99	11.53
		For >3:1 Sloped Soil At Top, Add	*4.75*	
32 32 23 13-0011	SF	12 To 16' Height "Diamond" Type Modular Retaining Wall System	82.44	12.58
		For >3:1 Sloped Soil At Top, Add	*4.87*	
32 32 23 13-0012		"Keystone" Type Modular Retaining Wall Systems *(32 32 23 13-0001)*		
32 32 23 13-0013	SF	Up To 4' Height "Keystone" Type Modular Retaining Wall System	78.07	9.96
		For >3:1 Sloped Soil At Top, Add	*4.94*	
32 32 23 13-0014	SF	4 To 8' Height "Keystone" Type Modular Retaining Wall System	81.88	10.48
		For >3:1 Sloped Soil At Top, Add	*5.18*	
32 32 23 13-0015	SF	8 To 12' Height "Keystone" Type Modular Retaining Wall System	85.16	11.53
		For >3:1 Sloped Soil At Top, Add	*5.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 32 23 13-0016	SF	12 To 16' Height "Keystone" Type Modular Retaining Wall System	88.61	12.58
		For >3:1 Sloped Soil At Top, Add	*5.39*	

32 32 23 13-0017 "Criblock" Type Modular Retaining Wall Systems *(32 32 23 13-0001)*

32 32 23 13-0018	SF	Up To 4' Height "Criblock" Type Modular Retaining Wall System	69.32	9.96
		For >3:1 Sloped Soil At Top, Add	*4.20*	
		For Gravel Backfill Instead Of Earth, Add	*0.25*	
32 32 23 13-0019	SF	4 To 8' Height "Criblock" Type Modular Retaining Wall System	73.13	10.48
		For >3:1 Sloped Soil At Top, Add	*4.43*	
		For Gravel Backfill Instead Of Earth, Add	*0.25*	
32 32 23 13-0020	SF	8 To 12' Height "Criblock" Type Modular Retaining Wall System	76.41	11.53
		For >3:1 Sloped Soil At Top, Add	*4.53*	
		For Gravel Backfill Instead Of Earth, Add	*0.25*	
32 32 23 13-0021	SF	12 To 16' Height "Criblock" Type Modular Retaining Wall System	79.85	12.58
		For >3:1 Sloped Soil At Top, Add	*4.65*	
		For Gravel Backfill Instead Of Earth, Add	*0.25*	

32 32 23 13-0022 "Versa-Lok" Type Modular Retaining Wall Systems *(32 32 23 13-0001)*

32 32 23 13-0023	SF	Up To 4' Height "Versa-Lok" Type Modular Retaining Wall System	61.49	9.96
		For >3:1 Sloped Soil At Top, Add	*3.53*	
32 32 23 13-0024	SF	4 To 8' Height "Versa-Lok" Type Modular Retaining Wall System	67.87	10.48
		For >3:1 Sloped Soil At Top, Add	*3.99*	
32 32 23 13-0025	SF	8 To 12' Height "Versa-Lok" Type Modular Retaining Wall System	71.20	11.53
		For >3:1 Sloped Soil At Top, Add	*4.09*	
32 32 23 13-0026	SF	12 To 16' Height "Versa-Lok" Type Modular Retaining Wall System	74.16	12.58
		For >3:1 Sloped Soil At Top, Add	*4.17*	

32 32 23 13-0027 Retaining Wall Cap Block Restoration *(32 32 23 13-0001)*

Note: Includes removal of existing cap block and installation of new cap block to match.

32 32 23 13-0028	LF	Removal And Reinstall Retaining Wall Cap Block And Pins	35.65	
		For >3:1 Sloped Soil At Top, Add	*1.84*	

32 32 26 Metal Crib Retaining Walls *(32 32)*

32 32 26 00-0001 Aluminized Steel Bin *(32 32 26)*

Note: Excludes excavation and backfill.

32 32 26 00-0002	SF	4' High, 5.5' Deep Aluminized Steel Bin	51.66	5.79
		For >3:1 Sloped Soil At Top, Add	*3.41*	
		For Galvanized Type, Deduct	*-4.01*	
32 32 26 00-0003	SF	8' High, 5.5' Deep Aluminized Steel Bin	57.86	5.79
		For >3:1 Sloped Soil At Top, Add	*3.92*	
		For Galvanized Type, Deduct	*-4.62*	
32 32 26 00-0004	SF	10' High, 7.7' Deep Aluminized Steel Bin	61.78	6.33
		For >3:1 Sloped Soil At Top, Add	*4.18*	
		For Galvanized Type, Deduct	*-4.92*	
32 32 26 00-0005	SF	12' High, 7.7' Deep Aluminized Steel Bin	70.38	7.15
		For >3:1 Sloped Soil At Top, Add	*4.77*	
		For Galvanized Type, Deduct	*-5.61*	
32 32 26 00-0006	SF	16' High, 7.7' Deep Aluminized Steel Bin	67.76	7.41
		For >3:1 Sloped Soil At Top, Add	*4.51*	
		For Galvanized Type, Deduct	*-5.31*	
32 32 26 00-0007	SF	16' High, 9.9' Deep Aluminized Steel Bin	75.55	7.55
		For >3:1 Sloped Soil At Top, Add	*5.15*	
		For Galvanized Type, Deduct	*-6.06*	
32 32 26 00-0008	SF	20' High, 9.9' Deep Aluminized Steel Bin	83.81	7.95
		For >3:1 Sloped Soil At Top, Add	*5.76*	
		For Galvanized Type, Deduct	*-6.78*	
32 32 26 00-0009	SF	20' High, 12.1' Deep Aluminized Steel Bin	85.80	8.36
		For >3:1 Sloped Soil At Top, Add	*5.88*	
		For Galvanized Type, Deduct	*-6.92*	
32 32 26 00-0010	SF	24' High, 12.1' Deep Aluminized Steel Bin	90.28	8.36
		For >3:1 Sloped Soil At Top, Add	*6.25*	
		For Galvanized Type, Deduct	*-7.36*	
32 32 26 00-0011	SF	24' High, 14.3' Deep Aluminized Steel Bin	94.72	8.49
		For >3:1 Sloped Soil At Top, Add	*6.62*	
		For Galvanized Type, Deduct	*-7.79*	
32 32 26 00-0012	SF	28' High, 14.3' Deep Aluminized Steel Bin	97.90	8.62
		For >3:1 Sloped Soil At Top, Add	*6.86*	
		For Galvanized Type, Deduct	*-8.08*	

32 32 29 Timber Retaining Walls *(32 32)*

32 32 29 00-0001 Wood Post Retaining Walls *(32 32 29)*

Note: System includes wood posts installed side-by-side to various heights, and underdrain. Excludes initial site grading, subbase preparation or finish grading.

32 32 29 00-0002	LF	4" x 4", 1' High, Redwood, Wood Post Retaining Walls	87.39	31.58
		For >3:1 Sloped Soil At Top, Add	*2.07*	
32 32 29 00-0003	LF	4" x 4", 2' High, Redwood, Wood Post Retaining Walls	171.04	61.83
		For >3:1 Sloped Soil At Top, Add	*4.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 32 29 00-0004	LF	4" x 4", 1' High, Cedar, Wood Post Retaining Walls	84.28	31.58
		For >3:1 Sloped Soil At Top, Add	*1.80*	
32 32 29 00-0005	LF	4" x 4", 2' High, Cedar, Wood Post Retaining Walls	165.00	61.83
		For >3:1 Sloped Soil At Top, Add	*3.52*	
32 32 29 00-0006	LF	4" x 4", 1' High, Pressure Treated Lumber, Wood Post Retaining Walls	94.36	27.59
		For >3:1 Sloped Soil At Top, Add	*3.32*	
32 32 29 00-0007	LF	4" x 4", 2' High, Pressure Treated Lumber, Wood Post Retaining Walls	184.76	53.96
		For >3:1 Sloped Soil At Top, Add	*6.53*	
32 32 29 00-0008	LF	4" x 4", 1' High, Creosoted Lumber, Wood Post Retaining Walls	69.54	24.49
		For >3:1 Sloped Soil At Top, Add	*1.75*	
32 32 29 00-0009	LF	4" x 4", 2' High, Creosoted Lumber, Wood Post Retaining Walls	125.74	44.32
		For >3:1 Sloped Soil At Top, Add	*3.15*	
32 32 29 00-0010	LF	6" x 6", 2' High, Redwood, Wood Post Retaining Walls	229.18	74.90
		For >3:1 Sloped Soil At Top, Add	*6.75*	
32 32 29 00-0011	LF	6" x 6", 4' High, Redwood, Wood Post Retaining Walls	452.27	146.82
		For >3:1 Sloped Soil At Top, Add	*13.49*	
32 32 29 00-0012	LF	6" x 6", 2' High, Cedar, Wood Post Retaining Walls	225.73	74.90
		For >3:1 Sloped Soil At Top, Add	*6.45*	
32 32 29 00-0013	LF	6" x 6", 4' High, Cedar, Wood Post Retaining Walls	443.64	146.82
		For >3:1 Sloped Soil At Top, Add	*12.76*	
32 32 29 00-0014	LF	6" x 6", 2' High, Pressure Treated Lumber, Wood Post Retaining Walls	246.28	60.83
		For >3:1 Sloped Soil At Top, Add	*10.59*	
32 32 29 00-0015	LF	6" x 6", 4' High, Pressure Treated Lumber, Wood Post Retaining Walls	489.45	120.12
		For >3:1 Sloped Soil At Top, Add	*21.18*	
32 32 29 00-0016	LF	6" x 6", 2' High, Creosoted Lumber, Wood Post Retaining Walls	156.92	48.64
		For >3:1 Sloped Soil At Top, Add	*5.06*	
32 32 29 00-0017	LF	6" x 6", 4' High, Creosoted Lumber, Wood Post Retaining Walls	308.56	95.18
		For >3:1 Sloped Soil At Top, Add	*10.05*	
32 32 29 00-0018	LF	8" x 8", 4' High, Redwood, Wood Post Retaining Walls	561.13	162.34
		For >3:1 Sloped Soil At Top, Add	*20.09*	
32 32 29 00-0019	LF	8" x 8", 6' High, Redwood, Wood Post Retaining Walls	1,049.51	303.06
		For >3:1 Sloped Soil At Top, Add	*37.69*	
32 32 29 00-0020	LF	8" x 8", 4' High, Cedar, Wood Post Retaining Walls	543.88	162.34
		For >3:1 Sloped Soil At Top, Add	*18.63*	
32 32 29 00-0021	LF	8" x 8", 6' High, Cedar, Wood Post Retaining Walls	1,016.73	303.06
		For >3:1 Sloped Soil At Top, Add	*34.91*	
32 32 29 00-0022	LF	8" x 8", 4' High, Pressure Treated Lumber, Wood Post Retaining Walls	670.05	187.27
		For >3:1 Sloped Soil At Top, Add	*25.12*	
32 32 29 00-0023	LF	8" x 8", 6' High, Pressure Treated Lumber, Wood Post Retaining Walls	1,249.86	349.71
		For >3:1 Sloped Soil At Top, Add	*46.79*	
32 32 29 00-0024	LF	8" x 8", 4' High, Creosoted Lumber, Wood Post Retaining Walls	445.06	151.37
		For >3:1 Sloped Soil At Top, Add	*12.10*	
32 32 29 00-0025	LF	8" x 8", 6' High, Creosoted Lumber, Wood Post Retaining Walls	825.49	280.78
		For >3:1 Sloped Soil At Top, Add	*22.44*	
32 32 29 00-0026	LF	4' High, Cedar, Random Diameter Poles, Wood Post Retaining Walls	168.00	62.38
		For >3:1 Sloped Soil At Top, Add	*3.67*	
32 32 29 00-0027	LF	6' High, Cedar, Random Diameter Poles, Wood Post Retaining Walls	251.14	93.63
		For >3:1 Sloped Soil At Top, Add	*5.43*	
32 32 29 00-0028	LF	8' High, Cedar, Random Diameter Poles, Wood Post Retaining Walls	334.17	124.77
		For >3:1 Sloped Soil At Top, Add	*7.19*	
32 32 29 00-0029	LF	4' High Creosoted Lumber, Random Diameter Poles, Wood Post Retaining Walls	112.82	35.23
		For >3:1 Sloped Soil At Top, Add	*3.59*	
32 32 29 00-0030	LF	6' High Creosoted Lumber, Random Diameter Poles, Wood Post Retaining Walls	163.87	50.86
		For >3:1 Sloped Soil At Top, Add	*5.28*	
32 32 29 00-0031	LF	8' High Creosoted Lumber, Random Diameter Poles, Wood Post Retaining Walls	221.88	68.70
		For >3:1 Sloped Soil At Top, Add	*7.19*	

32 32 29 00-0032 Post And Board Retaining Walls *(32 32 29)*

Note: System includes all the elements that must go into a wall that resists lateral pressure. System elements include posts and boards, cap, underdrain, and deadman where required. Excludes initial site grading, subbase preparation or finish grading.

32 32 29 00-0033	LF	4" x 4" Post, 4' Spacing, 3' High, 2" Planking, Redwood, Post And Board Retaining Walls	68.78	18.73
		For >3:1 Sloped Soil At Top, Add	*2.66*	
32 32 29 00-0034	LF	4" x 4" Post, 2' Spacing, 4' High, 2" Planking, Redwood, Post And Board Retaining Walls	106.26	32.03
		For >3:1 Sloped Soil At Top, Add	*3.59*	
32 32 29 00-0035	LF	6" x 6" Post, 4' Spacing, 5' High 2" Planking, Redwood, Post And Board Retaining Walls	139.13	39.78
		For >3:1 Sloped Soil At Top, Add	*5.06*	
32 32 29 00-0036	LF	6" x 6" Post, 3' Spacing, 6' High, 2" Planking, Redwood, Post And Board Retaining Walls	194.65	56.41
		For >3:1 Sloped Soil At Top, Add	*6.97*	
32 32 29 00-0037	LF	6" x 6" With Deadman, 3' Spacing, 8' High, 2" Planking, Redwood, Post And Board Retaining Walls	254.54	73.35
		For >3:1 Sloped Soil At Top, Add	*9.17*	
32 32 29 00-0038	LF	8" x 8" Post, 2' Spacing, 8' High, 2" Planking, Redwood, Post And Board Retaining Walls	521.53	145.15
		For >3:1 Sloped Soil At Top, Add	*19.65*	
32 32 29 00-0039	LF	8" x 8" With Deadman, 2' Spacing, 9' High, 2" Planking, Redwood, Post And Board Retaining Walls	588.95	160.78
		For >3:1 Sloped Soil At Top, Add	*22.73*	
32 32 29 00-0040	LF	4" x 4" Post, 4' Spacing, 3' High, 2" Planking, Cedar, Post And Board Retaining Walls	69.91	19.51
		For >3:1 Sloped Soil At Top, Add	*2.63*	
32 32 29 00-0041	LF	4" x 4" With Deadman, 2' Spacing, 4' High 2" Planking, Cedar, Post And Board Retaining Walls	122.79	34.68
		For >3:1 Sloped Soil At Top, Add	*4.55*	
32 32 29 00-0042	LF	6" x 6" Post, 4' Spacing, 4' High 2" Planking, Cedar, Post And Board Retaining Walls	120.68	34.02
		For >3:1 Sloped Soil At Top, Add	*4.47*	
32 32 29 00-0043	LF	6" x 6" Post, 3' Spacing, 5' High 2" Planking, Cedar, Post And Board Retaining Walls	169.32	48.87
		For >3:1 Sloped Soil At Top, Add	*6.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 32 29 00-0044	LF	6" x 6" Post, 2' Spacing, 6' High 2" Planking, Cedar, Post And Board Retaining Walls	263.92	78.01
		For >3:1 Sloped Soil At Top, Add	*9.17*	
32 32 29 00-0045	LF	6 x 6 Post With Deadman, 3' Spacing, 6' High, 2" Planking, Cedar	208.73	59.95
		For >3:1 Sloped Soil At Top, Add	*7.55*	
32 32 29 00-0046	LF	8 x 8 Post With Deadman, 2' Spacing, 8' High, 2" Planking, Cedar	539.43	149.82
		For >3:1 Sloped Soil At Top, Add	*20.39*	
32 32 29 00-0047	LF	4 x 4 Post, 4' Spacing, 3' High 2" Planking, Pressure Treated	89.79	36.02
		For >3:1 Sloped Soil At Top, Add	*1.50*	
32 32 29 00-0048	LF	4 x 4 Post, 3' Spacing, 4' High 2" Planking, Pressure Treated	129.74	51.19
		For >3:1 Sloped Soil At Top, Add	*2.32*	
32 32 29 00-0049	LF	4 x 4 Post With Deadman, 2' Space, 5' High, 2" Planking, Pressure Treat	187.89	70.25
		For >3:1 Sloped Soil At Top, Add	*4.03*	
32 32 29 00-0050	LF	6 x 6 Post, 3' Spacing, 6' High, 2" Planking, Pressure Treated	329.50	118.57
		For >3:1 Sloped Soil At Top, Add	*7.85*	
32 32 29 00-0051	LF	6 x 6 Post, 2' Spacing, 7' High, 2" Planking, Pressure Treated	333.81	118.57
		For >3:1 Sloped Soil At Top, Add	*8.21*	
32 32 29 00-0052	LF	6 x 6 Post With Deadman, 3' Spacing 8' High, 2" Planking, Pressure Treat	314.15	113.91
		For >3:1 Sloped Soil At Top, Add	*7.33*	
32 32 29 00-0053	LF	8 x 8 Post With Deadman, 2' Spacing 10' High, 2" Planking, Pressure Treated	738.01	262.06
		For >3:1 Sloped Soil At Top, Add	*18.19*	
32 32 29 00-0054	LF	4 x 4 Post, 4' Spacing, 3' High Creosoted 2" Planking	89.79	36.02
		For >3:1 Sloped Soil At Top, Add	*1.50*	
32 32 29 00-0055	LF	4 x 4 Post, 3' Spacing, 4' High Creosoted, 2" Planking	129.74	51.19
		For >3:1 Sloped Soil At Top, Add	*2.32*	
32 32 29 00-0056	LF	4 x 4 Post With Deadman, 2' Spacing, 5' High, Creosoted, 2" Planking	187.89	70.25
		For >3:1 Sloped Soil At Top, Add	*4.03*	
32 32 29 00-0057	LF	6 x 6 Post, 3' Spacing, 6' High Creosoted, 2" Planking	236.04	87.43
		For >3:1 Sloped Soil At Top, Add	*5.21*	
32 32 29 00-0058	LF	6" x 6" Post, 2' Spacing, 7' High, 2" Planking, Creosoted, Post And Board Retaining Walls	329.50	118.57
		For >3:1 Sloped Soil At Top, Add	*7.85*	
32 32 29 00-0059	LF	6" x 6" Post With Deadman, 3' Spacing, 8' High, 2" Planking, Creosoted, Post And Board Retaining Walls	314.15	113.91
		For >3:1 Sloped Soil At Top, Add	*7.33*	
32 32 29 00-0060	LF	8" x 8" Post With Deadman, 2' Spacing, 10' High, Creosoted, 2" Planking, Post And Board Retaining Walls	738.01	262.06
		For >3:1 Sloped Soil At Top, Add	*18.19*	

32 32 29 00-0061 Wood Tie Retaining Walls, Rod Connector At 4' *(32 32 29)*

Note: The system includes all the elements that must go into a wall that resists lateral pressure. System elements include: wood ties, threaded rod (1/2" diameter), underdrain, and deadman where required. Excludes initial site grading, subbase preparation or finish grading.

32 32 29 00-0062 Redwood *(32 32 29 00-0061)*

32 32 29 00-0063	LF	2' High, 6" x 6" Wood Tie Wall	118.19	38.34
		For >3:1 Sloped Soil At Top, Add	*3.52*	
32 32 29 00-0064	LF	4' High, 6" x 6" Wood Tie Wall Deadman At 6'	269.69	87.43
		For >3:1 Sloped Soil At Top, Add	*8.07*	
32 32 29 00-0065	LF	6' High, 6" x 6" Wood Tie Wall Deadman At 6'	403.73	131.09
		For >3:1 Sloped Soil At Top, Add	*12.03*	
32 32 29 00-0066	LF	4' High, 8" x 8" Wood Tie Wall Deadman At 6'	388.62	112.35
		For >3:1 Sloped Soil At Top, Add	*13.93*	
32 32 29 00-0067	LF	6' High, 8" x 8" Wood Tie Wall Deadman At 6'	583.93	168.54
		For >3:1 Sloped Soil At Top, Add	*20.97*	
32 32 29 00-0068	LF	8' High, 8" x 8" Wood Tie Wall Deadman At 6'	771.03	221.62
		For >3:1 Sloped Soil At Top, Add	*27.87*	

32 32 29 00-0069 Cedar *(32 32 29 00-0061)*

32 32 29 00-0070	LF	2' High, 6" x 6" Wood Tie Wall	116.47	38.34
		For >3:1 Sloped Soil At Top, Add	*3.37*	
32 32 29 00-0071	LF	4' High, 6" x 6" Wood Tie Wall Deadman At 6'	264.51	87.43
		For >3:1 Sloped Soil At Top, Add	*7.63*	
32 32 29 00-0072	LF	6' High, 6" x 6" Wood Tie Wall Deadman At 6'	396.82	131.09
		For >3:1 Sloped Soil At Top, Add	*11.44*	
32 32 29 00-0073	LF	4' High, 8" x 8" Wood Tie Wall Deadman At 6'	376.54	112.35
		For >3:1 Sloped Soil At Top, Add	*12.91*	
32 32 29 00-0074	LF	6' High, 8" x 8" Wood Tie Wall Deadman At 6'	566.67	168.54
		For >3:1 Sloped Soil At Top, Add	*19.51*	
32 32 29 00-0075	LF	8' High, 8" x 8" Wood Tie Wall Deadman At 6'	746.87	221.62
		For >3:1 Sloped Soil At Top, Add	*25.81*	

32 32 29 00-0076 Creosoted Wood *(32 32 29 00-0061)*

32 32 29 00-0077	LF	2' High, 6" x 8" Wood Tie Wall	131.17	50.86
		For >3:1 Sloped Soil At Top, Add	*2.50*	
32 32 29 00-0078	LF	4' High, 6" x 8" Wood Tie Wall Deadman At 6'	300.54	117.02
		For >3:1 Sloped Soil At Top, Add	*5.65*	
32 32 29 00-0079	LF	6' High, 6" x 8" Wood Tie Wall Deadman At 6'	445.63	173.19
		For >3:1 Sloped Soil At Top, Add	*8.43*	
32 32 29 00-0080	LF	4' High, 7" x 9" Wood Tie Wall Deadman At 6'	604.11	235.58
		For >3:1 Sloped Soil At Top, Add	*11.29*	
32 32 29 00-0081	LF	6' High, 7" x 9" Wood Tie Wall Deadman At 6'	879.59	343.17
		For >3:1 Sloped Soil At Top, Add	*16.43*	
32 32 29 00-0082	LF	8' High, 7" x 9" Wood Tie Wall Deadman At 6'	1,167.12	454.98
		For >3:1 Sloped Soil At Top, Add	*21.85*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 32 29 00-0083		**Pressure Treated Wood** *(32 32 29 00-0061)*		
32 32 29 00-0084	LF	2' High, 6" x 6" Wood Tie Wall	102.28	31.70
		For >3:1 Sloped Soil At Top, Add	*3.31*	
32 32 29 00-0085	LF	4' High, 6" x 6" Wood Tie Wall Deadman At 6'	232.44	71.80
		For >3:1 Sloped Soil At Top, Add	*7.55*	
32 32 29 00-0086	LF	6' High, 6" x 6" Wood Tie Wall Deadman At 6'	348.22	107.70
		For >3:1 Sloped Soil At Top, Add	*11.29*	
32 32 29 00-0087	LF	4' High, 8" x 8" Wood Tie Wall Deadman At 6'	380.62	129.53
		For >3:1 Sloped Soil At Top, Add	*10.34*	
32 32 29 00-0088	LF	6' High, 8" x 8" Wood Tie Wall Deadman At 6'	571.71	193.59
		For >3:1 Sloped Soil At Top, Add	*15.69*	
32 32 29 00-0089	LF	8' High, 8" x 8" Wood Tie Wall Deadman At 6'	758.06	257.40
		For >3:1 Sloped Soil At Top, Add	*20.68*	

32 32 53 Stone Retaining Walls *(32 32)*

32 32 53 00-0001 Stone Retaining Walls *(32 32 53)*

Note: Construction is either dry set or mortar set. System includes concrete base, crushed stone, underdrain, and backfill. Standard design to have 12" thick top with vertical backside and sloped face at 2" per foot of height. Excludes initial site grading, subbase preparation or finish grading.

32 32 53 00-0002 Stone Retaining Walls *(32 32 53 00-0001)*

Note: Stone at $16.00/ton.

32 32 53 00-0003	LF	$16.00/ton 3' High Stone Retaining Wall, Dry Set	522.83	235.94
		For >3:1 Sloped Soil At Top, Add	*4.32*	
32 32 53 00-0004	LF	$16.00/ton 4' High Stone Retaining Wall, Dry Set	617.03	280.69
		For >3:1 Sloped Soil At Top, Add	*4.73*	
32 32 53 00-0005	LF	$16.00/ton 6' High Stone Retaining Wall, Dry Set	810.88	372.92
		For >3:1 Sloped Soil At Top, Add	*5.53*	
32 32 53 00-0006	LF	$16.00/ton 8' High Stone Retaining Wall, Dry Set	1,250.21	583.07
		For >3:1 Sloped Soil At Top, Add	*7.14*	
32 32 53 00-0007	LF	$16.00/ton 10' High Stone Retaining Wall, Dry Set	1,624.88	762.73
		For >3:1 Sloped Soil At Top, Add	*8.45*	
32 32 53 00-0008	LF	$16.00/ton 12' High Stone Retaining Wall, Dry Set	2,016.81	949.82
		For >3:1 Sloped Soil At Top, Add	*9.96*	
32 32 53 00-0009	LF	$16.00/ton 3' High Stone Retaining Wall, Mortar Set	468.64	208.89
		For >3:1 Sloped Soil At Top, Add	*4.32*	
32 32 53 00-0010	LF	$16.00/ton 4' High Stone Retaining Wall, Mortar Set	549.95	247.15
		For >3:1 Sloped Soil At Top, Add	*4.73*	
32 32 53 00-0011	LF	$16.00/ton 6' High Stone Retaining Wall, Mortar Set	711.86	323.34
		For >3:1 Sloped Soil At Top, Add	*5.53*	
32 32 53 00-0012	LF	$16.00/ton 8' High Stone Retaining Wall, Mortar Set	1,090.83	503.41
		For >3:1 Sloped Soil At Top, Add	*7.14*	
32 32 53 00-0013	LF	$16.00/ton 10' High Stone Retaining Wall, Mortar Set	1,401.31	650.99
		For >3:1 Sloped Soil At Top, Add	*8.45*	
32 32 53 00-0014	LF	$16.00/ton 12' High Stone Retaining Wall, Mortar Set	1,741.05	811.99
		For >3:1 Sloped Soil At Top, Add	*9.96*	

32 32 53 00-0015 Stone Retaining Walls *(32 32 53 00-0001)*

Note: Stone at $32.00/ton.

32 32 53 00-0016	LF	$32.00/ton 3' High Stone Retaining Wall, Dry Set	538.21	235.94
		For >3:1 Sloped Soil At Top, Add	*5.63*	
32 32 53 00-0017	LF	$32.00/ton 4' High Stone Retaining Wall, Dry Set	638.33	280.69
		For >3:1 Sloped Soil At Top, Add	*6.54*	
32 32 53 00-0018	LF	$32.00/ton 6' High Stone Retaining Wall, Dry Set	841.63	372.92
		For >3:1 Sloped Soil At Top, Add	*8.14*	
32 32 53 00-0019	LF	$32.00/ton 8' High Stone Retaining Wall, Dry Set	1,295.17	583.07
		For >3:1 Sloped Soil At Top, Add	*10.96*	
32 32 53 00-0020	LF	$32.00/ton 10' High Stone Retaining Wall, Dry Set	1,686.40	762.73
		For >3:1 Sloped Soil At Top, Add	*13.68*	
32 32 53 00-0021	LF	$32.00/ton 12' High Stone Retaining Wall, Dry Set	2,094.89	949.82
		For >3:1 Sloped Soil At Top, Add	*16.59*	
32 32 53 00-0022	LF	$32.00/ton 3' High Stone Retaining Wall, Mortar Set	484.02	208.89
		For >3:1 Sloped Soil At Top, Add	*5.63*	
32 32 53 00-0023	LF	$32.00/ton 4' High Stone Retaining Wall, Mortar Set	571.25	247.15
		For >3:1 Sloped Soil At Top, Add	*6.54*	
32 32 53 00-0024	LF	$32.00/ton 6' High Stone Retaining Wall, Mortar Set	742.61	323.34
		For >3:1 Sloped Soil At Top, Add	*8.14*	
32 32 53 00-0025	LF	$32.00/ton 8' High Stone Retaining Wall, Mortar Set	1,135.79	503.41
		For >3:1 Sloped Soil At Top, Add	*10.96*	
32 32 53 00-0026	LF	$32.00/ton 10' High Stone Retaining Wall, Mortar Set	1,462.83	650.99
		For >3:1 Sloped Soil At Top, Add	*13.68*	
32 32 53 00-0027	LF	$32.00/ton 12' High Stone Retaining Wall, Mortar Set	1,819.13	811.99
		For >3:1 Sloped Soil At Top, Add	*16.59*	

32 32 53 00-0028 Stone Retaining Walls *(32 32 53 00-0001)*

Note: Stone at $48.00/ton.

32 32 53 00-0029	LF	$48.00/ton 3' High Stone Retaining Wall, Dry Set	554.77	235.94
		For >3:1 Sloped Soil At Top, Add	*7.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 32 53 00-0030	LF	$48.00/ton 4' High Stone Retaining Wall, Dry Set	659.38	280.69
		For >3:1 Sloped Soil At Top, Add	*8.33*	
32 32 53 00-0031	LF	$48.00/ton 6' High Stone Retaining Wall, Dry Set	871.21	372.92
		For >3:1 Sloped Soil At Top, Add	*10.66*	
32 32 53 00-0032	LF	$48.00/ton 8' High Stone Retaining Wall, Dry Set	1,340.12	583.07
		For >3:1 Sloped Soil At Top, Add	*14.78*	
32 32 53 00-0033	LF	$48.00/ton 10' High Stone Retaining Wall, Dry Set	1,747.92	762.73
		For >3:1 Sloped Soil At Top, Add	*18.90*	
32 32 53 00-0034	LF	$48.00/ton 12' High Stone Retaining Wall, Dry Set	2,174.15	949.82
		For >3:1 Sloped Soil At Top, Add	*23.33*	
32 32 53 00-0035	LF	$48.00/ton 3' High Stone Retaining Wall, Mortar Set	500.58	208.89
		For >3:1 Sloped Soil At Top, Add	*7.04*	
32 32 53 00-0036	LF	$48.00/ton 4' High Stone Retaining Wall, Mortar Set	592.54	247.15
		For >3:1 Sloped Soil At Top, Add	*8.35*	
32 32 53 00-0037	LF	$48.00/ton 6' High Stone Retaining Wall, Mortar Set	772.19	323.34
		For >3:1 Sloped Soil At Top, Add	*10.66*	
32 32 53 00-0038	LF	$48.00/ton 8' High Stone Retaining Wall, Mortar Set	1,180.74	503.41
		For >3:1 Sloped Soil At Top, Add	*14.78*	
32 32 53 00-0039	LF	$48.00/ton 10' High Stone Retaining Wall, Mortar Set	1,524.35	650.99
		For >3:1 Sloped Soil At Top, Add	*18.90*	
32 32 53 00-0040	LF	$48.00/ton 12' High Stone Retaining Wall, Mortar Set	1,898.39	811.99
		For >3:1 Sloped Soil At Top, Add	*23.33*	

32 32 53 00-0041 Stone Retaining Walls *(32 32 53 00-0001)*

Note: Stone at $64.00/ton.

32 32 53 00-0042	LF	$64.00/ton 3' High Stone Retaining Wall, Dry Set	571.33	235.94
		For >3:1 Sloped Soil At Top, Add	*8.45*	
32 32 53 00-0043	LF	$64.00/ton 4' High Stone Retaining Wall, Dry Set	657.25	280.69
		For >3:1 Sloped Soil At Top, Add	*8.14*	
32 32 53 00-0044	LF	$64.00/ton 6' High Stone Retaining Wall, Dry Set	903.15	372.92
		For >3:1 Sloped Soil At Top, Add	*13.37*	
32 32 53 00-0045	LF	$64.00/ton 8' High Stone Retaining Wall, Dry Set	1,387.44	583.07
		For >3:1 Sloped Soil At Top, Add	*18.80*	
32 32 53 00-0046	LF	$64.00/ton 10' High Stone Retaining Wall, Dry Set	1,811.80	762.73
		For >3:1 Sloped Soil At Top, Add	*24.33*	
32 32 53 00-0047	LF	$64.00/ton 12' High Stone Retaining Wall, Dry Set	2,254.59	949.82
		For >3:1 Sloped Soil At Top, Add	*30.17*	
32 32 53 00-0048	LF	$64.00/ton 3' High Stone Retaining Wall, Mortar Set	517.14	208.89
		For >3:1 Sloped Soil At Top, Add	*8.45*	
32 32 53 00-0049	LF	$64.00/ton 4' High Stone Retaining Wall, Mortar Set	613.83	247.15
		For >3:1 Sloped Soil At Top, Add	*10.16*	
32 32 53 00-0050	LF	$64.00/ton 6' High Stone Retaining Wall, Mortar Set	804.13	323.34
		For >3:1 Sloped Soil At Top, Add	*13.37*	
32 32 53 00-0051	LF	$64.00/ton 8' High Stone Retaining Wall, Mortar Set	1,228.06	503.41
		For >3:1 Sloped Soil At Top, Add	*18.80*	
32 32 53 00-0052	LF	$64.00/ton 10' High Stone Retaining Wall, Mortar Set	1,588.23	650.99
		For >3:1 Sloped Soil At Top, Add	*24.33*	
32 32 53 00-0053	LF	$64.00/ton 12' High Stone Retaining Wall, Mortar Set	1,978.83	811.99
		For >3:1 Sloped Soil At Top, Add	*30.17*	

32 33 Site Furnishings *(32 30)*

32 33 13 Site Bicycle Racks *(32 33)*

32 33 13 00-0001 Bicycle Organizer And Rack *(32 33 13)*

32 33 13 00-0002 Vertical Style Bike Racks Single/Double Sided, Galvanized *(32 33 13 00-0001)*

32 33 13 00-0003 Double Sided *(32 33 13 00-0002)*

32 33 13 00-0004	EA	5' Galvanized Steel Double Sided Bike Rack, 9 Bikes	817.77	148.67
32 33 13 00-0005	EA	10' Galvanized Steel Double Sided Bike Rack, 18 Bikes	1,235.91	244.25
32 33 13 00-0006	EA	20' Galvanized Steel Double Sided Bike Rack, 36 Bikes	2,123.33	371.68

32 33 13 00-0007 Single Sided *(32 33 13 00-0002)*

32 33 13 00-0008	EA	5' Galvanized Steel Single Sided Bike Rack, 5 Bikes	716.20	132.74
32 33 13 00-0009	EA	10' Galvanized Steel Single Sided Bike Rack, 9 Bikes	1,016.22	220.89
32 33 13 00-0010	EA	20' Galvanized Steel Single Sided Bike Rack, 18 Bikes	1,737.20	331.86

32 33 13 00-0011 Anchor Set For Vertical Style Bike Rack *(32 33 13 00-0002)*

32 33 13 00-0012	PR	Anchor Set For Vertical Style Bike Rack Note: Anchoring frame to ground.	140.21	

32 33 13 00-0013 Bike Racks Ground Loop *(32 33 13 00-0001)*

Note: In-ground mount.

32 33 13 00-0014	EA	83" Ground Loop Bike Rack, Surface Or Wall Mounted, 12 Bikes	1,097.20	260.50

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 33 13 00-0015		Serpentine Bike Racks *(32 33 13 00-0001)* Note: In-ground mount.		
32 33 13 00-0016		Galvanized, 36" High, 2-3/8" OD Tubing *(32 33 13 00-0015)*		
32 33 13 00-0017	EA	1' x 3' High Serpentine (M Style) Bike Rack, 3 Bikes, Galvanized	609.66	159.29
32 33 13 00-0018	EA	3' x 3' High Serpentine (M Style) Bike Rack, 5 Bikes, Galvanized	823.12	172.57
32 33 13 00-0019	EA	5' x 3' High Serpentine (M Style) Bike Rack, 7 Bikes, Galvanized	1,036.60	185.85
32 33 13 00-0020	EA	7' x 3' High Serpentine (M Style) Bike Rack, 9 Bikes, Galvanized	1,276.78	199.12
32 33 13 00-0021	EA	9' x 3' High Serpentine (M Style) Bike Rack, 11 Bikes, Galvanized	1,516.96	212.39
32 33 13 00-0022	EA	11' x 3' High Serpentine (M Style) Bike Rack, 13 Bikes, Galvanized	1,650.32	225.67
32 33 13 00-0023		Galvanized, 42" High, 2-3/8" OD Tubing *(32 33 13 00-0015)*		
32 33 13 00-0024	EA	1' x 42" High Serpentine Bike Rack, 3 Bikes, Galvanized	687.95	159.29
32 33 13 00-0025	EA	3' x 42" High Serpentine Bike Rack, 5 Bikes, Galvanized	879.57	172.57
32 33 13 00-0026	EA	5' x 42" High Serpentine Bike Rack, 7 Bikes, Galvanized	1,071.19	185.85
32 33 13 00-0027	EA	7' x 42" High Serpentine Bike Rack, 9 Bikes, Galvanized	1,242.19	199.12
32 33 13 00-0028	EA	9' x 42" High Serpentine Bike Rack, 11 Bikes, Galvanized	1,433.81	212.39
32 33 13 00-0029	EA	11' x 42" High Serpentine Bike Rack, 13 Bikes, Galvanized	1,666.71	225.67
32 33 13 00-0030		Powder Coated, 36" High, 2-3/8" OD Tubing *(32 33 13 00-0015)*		
32 33 13 00-0031	EA	1' x 3' High Serpentine (M Style) Bike Rack, 3 Bikes, Powder Coated	609.66	159.29
32 33 13 00-0032	EA	3' x 3' High Serpentine (M Style) Bike Rack, 5 Bikes, Powder Coated	823.12	172.57
32 33 13 00-0033	EA	5' x 3' High Serpentine (M Style) Bike Rack, 7 Bikes, Powder Coated	1,036.60	185.85
32 33 13 00-0034	EA	7' x 3' High Serpentine (M Style) Bike Rack, 9 Bikes, Powder Coated	1,276.78	199.12
32 33 13 00-0035	EA	9' x 3' High Serpentine (M Style) Bike Rack, 11 Bikes, Powder Coated	1,516.96	212.39
32 33 13 00-0036	EA	11' x 3' High Serpentine (M Style) Bike Rack, 13 Bikes, Powder Coated	1,650.32	225.67
32 33 13 00-0037		Powder Coated, 42" High, 2-3/8" OD Tubing *(32 33 13 00-0015)*		
32 33 13 00-0038	EA	1' x 42" High Serpentine Bike Rack, 3 Bikes, Powder Coated	708.58	159.29
32 33 13 00-0039	EA	3' x 42" High Serpentine Bike Rack, 5 Bikes, Powder Coated	920.84	172.57
32 33 13 00-0040	EA	5' x 42" High Serpentine Bike Rack, 7 Bikes, Powder Coated	1,112.46	185.85
32 33 13 00-0041	EA	7' x 42" High Serpentine Bike Rack, 9 Bikes, Powder Coated	1,345.36	199.12
32 33 13 00-0042	EA	9' x 42" High Serpentine Bike Rack, 11 Bikes, Powder Coated	1,536.98	212.39
32 33 13 00-0043	EA	11' x 42" High Serpentine Bike Rack, 13 Bikes, Powder Coated	1,790.52	225.67
32 33 13 00-0044		Stainless Steel, 36" High, 2-3/8" OD Tubing *(32 33 13 00-0015)*		
32 33 13 00-0045	EA	1' x 36" High Serpentine Bike Rack, 3 Bikes, Stainless Steel	1,135.70	159.29
32 33 13 00-0046	EA	3' x 36" High Serpentine Bike Rack, 5 Bikes, Stainless Steel	1,686.96	172.57
32 33 13 00-0047	EA	5' x 36" High Serpentine Bike Rack, 7 Bikes, Stainless Steel	2,238.26	185.85
32 33 13 00-0048	EA	7' x 36" High Serpentine Bike Rack, 9 Bikes, Stainless Steel	2,864.53	199.12
32 33 13 00-0049	EA	9' x 36" High Serpentine Bike Rack, 11 Bikes, Stainless Steel	3,490.77	212.39
32 33 13 00-0050	EA	11' x 36" High Serpentine Bike Rack, 13 Bikes, Stainless Steel	3,817.17	225.67
32 33 13 00-0051		Stainless Steel, 42" High, 2-3/8" OD Tubing *(32 33 13 00-0015)*		
32 33 13 00-0052	EA	1' x 42" High Serpentine Bike Rack, 3 Bikes, Stainless Steel	894.30	159.29
32 33 13 00-0053	EA	3' x 42" High Serpentine Bike Rack, 5 Bikes, Stainless Steel	1,952.57	172.57
32 33 13 00-0054	EA	5' x 42" High Serpentine Bike Rack, 7 Bikes, Stainless Steel	2,556.88	185.85
32 33 13 00-0055	EA	7' x 42" High Serpentine Bike Rack, 9 Bikes, Stainless Steel	3,119.93	199.12
32 33 13 00-0056	EA	9' x 42" High Serpentine Bike Rack, 11 Bikes, Stainless Steel	3,703.62	212.39
32 33 13 00-0057	EA	11' x 42" High Serpentine Bike Rack, 13 Bikes, Stainless Steel	4,307.94	225.67
32 33 13 00-0058		Bike Racks Bollards/Bicycle Posts *(32 33 13 00-0001)* Note: In-ground mount.		
32 33 13 00-0059	EA	43" Overall Height, 4-1/2" Outside Diameter Bollard/Bicycle Post, 2 Loop Galvanized Steel Bollard (Belson BOL450-2R-IG-G)	669.67	119.47
32 33 23		**Site Trash and Litter Receptacles** *(32 33)*		
32 33 23 00-0001		Steel Trash Containment *(32 33 23)*		
32 33 23 00-0002		Steel Frame Surrounded With Kiln-Dried Wood *(32 33 23 00-0001)*		
32 33 23 00-0003	EA	13" x 13" x 30" Ash Receptacle Steel Frame, Kiln Dried Wood	565.85	63.46
32 33 23 00-0004	EA	24" x 24" x 30" High Open Top Trash Container Steel Frame, Kiln Dried Wood	540.86	63.46
32 33 23 00-0005	EA	21" x 21" x 31" High Flat Top Trash Container Steel Frame, Kiln Dried Wood	540.86	63.46
32 33 23 00-0006	EA	24" x 24" x 31" High, Flat Top Trash Container Steel Frame, Kiln Dried Wood	512.74	63.46
32 33 23 00-0007	EA	18" x 18" x 37" High Dome Top Trash Container Steel Frame, Kiln Dried Wood	565.85	63.46
32 33 23 00-0008	EA	23" x 23" x 37" High Dome Top Trash Container Steel Frame, Kiln Dried Wood	512.74	63.46
32 33 23 00-0009	EA	24" x 24" x 37" High Dome Top Trash Container Steel Frame, Kiln Dried Wood	697.04	63.46
32 33 23 00-0010		Square Steel Frames Surrounded With Flat Steel *(32 33 23 00-0001)*		
32 33 23 00-0011	EA	26" Diameter x 34" High Open Top Trash Square Container Steel Frame, Flat Steel Surround	1,011.40	63.46
32 33 23 00-0012	EA	26" Diameter x 34" High Dome Top Trash Square Container Steel Frame, Flat Steel Surround	1,090.79	63.46

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 33 23 00-0013	EA	26" Diameter x 39" High Dome Top Trash Square Container Steel Frame, Flat Steel Surround	1,090.79	63.46
32 33 23 00-0014		**Round Steel Pipe And Flat Steel Frames** *(32 33 23 00-0001)*		
		Note: Surrounded with kiln-dried wood.		
32 33 23 00-0015	EA	21" Diameter x 32" High Open Top Trash Container Steel Pipe, Flat Steel Frame, Kiln Dried Wood	1,487.70	63.46
32 33 23 00-0016	EA	21" Diameter x 32" High Flat Top Trash Steel Container Pipe, Flat Steel Frame, Kiln Dried Wood	1,601.11	63.46
32 33 23 00-0017	EA	21" Diameter x 39" High Dome Top Trash Steel Container Pipe, Flat Steel Frame, Kiln Dried Wood	1,842.09	63.46
32 33 23 00-0018	EA	21" Diameter x 40" High HPR Top Trash Container Steel Pipe, Flat Steel Frame, Kiln Dried Wood	1,671.99	63.46
32 33 23 00-0019		**Round Steel Pipe Surrounded With Perforated** *(32 33 23 00-0001)*		
32 33 23 00-0020	EA	21" Diameter x 32" High Open Top Trash Container Perforated Round Steel Pipe	1,331.77	63.46
32 33 23 00-0021	EA	21" Diameter x 32" High Flat Top Trash Container Perforated Round Steel Pipe	1,445.18	63.46
32 33 23 00-0022	EA	21" Diameter x 39" High Dome Top Trash Container Perforated Round Steel Pipe	1,686.16	63.46
32 33 23 00-0023	EA	21" Diameter x 40" High HPR Top Trash Container Perforated Round Steel Pipe	1,530.23	63.46
32 33 23 00-0024		**Round Steel Pipe Frames Surrounded With Welded Wire** *(32 33 23 00-0001)*		
32 33 23 00-0025	EA	21" Diameter x 32" High Flat Top Trash Container Steel Pipe Frame, Welded Wire Surround	1,062.43	63.46
32 33 23 00-0026	EA	21" Diameter x 32" High Open Top Trash Steel Container Pipe Frame, Welded Wire Surround	1,175.84	63.46
32 33 23 00-0027	EA	21" Diameter x 39" High Dome Top Trash Steel Container Pipe Frame, Welded Wire Surround	1,416.82	63.46
32 33 23 00-0028	EA	21" Diameter x 40" High HPR Top Trash Container Steel Pipe Frame, Welded Wire Surround	1,260.89	63.46
32 33 23 00-0029		**Litter Baskets** *(32 33 23)*		
32 33 23 00-0030		**Round Wire Litter Baskets** *(32 33 23 00-0029)*		
32 33 23 00-0031	EA	1.33' Diameter x 1.83' High Round Wire Litter Basket	185.76	6.45
32 33 23 00-0032	EA	1.5' Diameter x 1.83' High Round Wire Litter Basket	234.27	6.45
32 33 23 00-0033	EA	1.75' Diameter x 2.33' High Round Wire Litter Basket	316.58	6.45
32 33 23 00-0034	EA	1.83' Diameter x 2.83' High Round Wire Litter Basket	363.03	6.45
32 33 23 00-0035		**Trash Can/Wire Basket Holder** *(32 33 23 00-0029)*		
32 33 23 00-0036	EA	Steel Post, Single Holder	272.44	51.82
32 33 23 00-0037	EA	Steel Post, Double Holder	365.28	51.82
32 33 23 00-0038	EA	Redwood Post, Single Holder	149.80	51.82
32 33 23 00-0039	EA	Redwood Post, Double Holder	171.25	51.82
32 33 23 00-0040		**Litter Receptacles, Freestanding** *(32 33 23 00-0029)*		
		Note: Includes 1-1/2" outside diameter steel leg supports. Wall mounted, includes 3/8" x 3" steel wall plates. Surface mounted, includes 2-1/2" outside diameter steel tube with floor flange, embedded to include 2-1/2" outside diameter steel tube.		
32 33 23 00-0041	EA	16" Diameter x 28" High Litter Receptacle, Freestanding Or Embedded	1,489.80	26.44
		For Powder Coated Sand Pan, Add	*50.00*	
		For Orange Peel Lid, Add	*25.00*	
		For Polished Granite Lid, Add	*50.00*	
32 33 23 00-0042	EA	16" Diameter x 32" High Litter Receptacle, Freestanding Or Embedded	1,567.89	26.44
		For Powder Coated Sand Pan, Add	*50.00*	
		For Orange Peel Lid, Add	*25.00*	
		For Polished Granite Lid, Add	*50.00*	
32 33 23 00-0043	EA	20" Diameter x 36" High Litter Receptacle, Freestanding Or Embedded	1,828.61	39.65
		For Powder Coated Sand Pan, Add	*50.00*	
		For Orange Peel Lid, Add	*25.00*	
		For Polished Granite Lid, Add	*50.00*	
32 33 23 00-0044	EA	20" Diameter x 40" High Litter Receptacle, Freestanding Embedded	1,906.71	39.65
		For Powder Coated Sand Pan, Add	*50.00*	
		For Orange Peel Lid, Add	*25.00*	
		For Polished Granite Lid, Add	*50.00*	
32 33 23 00-0045	EA	16" Diameter x 28" High Litter Receptacle, Pole Mount With Pole	1,984.80	39.65
		For Powder Coated Sand Pan, Add	*50.00*	
		For 1-1/2" x 8-1/2" Diameter Metal Cover Plate, Add	*22.50*	
		For Orange Peel Lid, Add	*25.00*	
		For Polished Granite Lid, Add	*50.00*	
32 33 23 00-0046	EA	16" Diameter x 32" High Litter Receptacle, Pole Mount With Pole	2,062.90	39.65
		For Powder Coated Sand Pan, Add	*50.00*	
		For 1-1/2" x 8-1/2" Diameter Metal Cover Plate, Add	*22.50*	
		For Orange Peel Lid, Add	*25.00*	
		For Polished Granite Lid, Add	*50.00*	
32 33 23 00-0047	EA	16" Diameter x 28" High Litter Receptacle, Wall Mount	1,646.24	34.37
		For Powder Coated Sand Pan, Add	*50.00*	
		For Orange Peel Lid, Add	*25.00*	
		For Polished Granite Lid, Add	*50.00*	
		For 1-1/2" x 6" Diameter Metal Cover Plate , Add	*20.00*	
32 33 23 00-0048	EA	16" Diameter x 32" High Litter Receptacle, Wall Mount	1,724.33	34.37
		For Powder Coated Sand Pan, Add	*50.00*	
		For Orange Peel Lid, Add	*25.00*	
		For Polished Granite Lid, Add	*50.00*	
		For 1-1/2" x 6" Diameter Metal Cover Plate , Add	*20.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 33 23 00-0049		**Ash Receptacles** *(32 33 23)*		
32 33 23 00-0050	EA	12" Diameter x 21" High Ash Receptacle, Freestanding Or Embedded	698.77	26.44
		For 1-1/2" x 8-1/2" Diameter Metal Cover Plate, Add	*22.50*	
		For Sand Pan, Add	*110.00*	
		For Bowl And Funnel, Add	*120.00*	
32 33 23 00-0051	EA	18" Square Concrete Exposed Aggregate x 36" High Ash Receptacles With 3-1/2" ID iron Pipe With Cap Square Concrete With Steel Liner	298.36	26.44
32 33 23 00-0052		**Trash Receptacles** *(32 33 23)*		
32 33 23 00-0053	EA	Outdoor Covered Steel Receptacle With Liner	1,224.28	26.44
32 33 23 00-0054	EA	Driftwood And Sable Receptacle, 35 Gallon With Liner And Frame	433.81	26.44
32 33 23 00-0055	EA	24" x 24" Square Trash Containment With Exposed Aggregate Finish	753.74	26.44
32 33 23 00-0056	EA	30" x 30" Square Trash Containment With Exposed Aggregate Finish	786.53	29.08
32 33 23 00-0057	EA	36" x 36" Square Trash Containment With Exposed Aggregate Finish	846.78	31.72
32 33 23 00-0058	EA	32 Gallon, Open Round Trash Receptacle, Recycled Plastic Lumber	605.00	21.15
32 33 23 00-0059	EA	32 Gallon, Round Trash Receptacle With Liner And Lid, Recycled Plastic Lumber	722.23	21.15
32 33 23 00-0060	EA	24" x 24" Square 18" High Trash Receptacle, Fiberglass	1,224.10	26.44
32 33 23 00-0061		**Trash Containers (Dumpsters)** *(32 33 23)*		
32 33 23 00-0062	EA	1 CY Straight Side Trash Dumpster	302.15	
32 33 23 00-0063	EA	1.5 CY Straight Side Trash Dumpster	453.23	
32 33 23 00-0064	EA	2 CY Straight Side Trash Dumpster	604.30	
32 33 23 00-0065	EA	2 CY Sloped Side Trash Dumpster	604.30	
32 33 23 00-0066	EA	3 CY Sloped Side Trash Dumpster	906.45	
32 33 23 00-0067	EA	4 CY Sloped Side Trash Dumpster	1,208.61	
32 33 23 00-0068	EA	6 CY Sloped Side Trash Dumpster	1,812.91	
32 33 23 00-0069	EA	8 CY Sloped Side Trash Dumpster	2,417.21	
32 33 33		**Site Manufactured Planters** *(32 33)*		
32 33 33 00-0001		**Precast Concrete Planters** *(32 33 33)*		
32 33 33 00-0002		**Circular Precast Concrete Planters** *(32 33 33 00-0001)*		
32 33 33 00-0003	EA	24" Diameter, 17" Height, Circular Precast Concrete Planter	822.99	30.42
32 33 33 00-0004	EA	24" Diameter, 24" Height, Circular Precast Concrete Planter	921.83	36.50
32 33 33 00-0005	EA	24" Diameter, 33" Height, Circular Precast Concrete Planter	1,008.49	36.50
32 33 33 00-0006	EA	30" Diameter, 17" Height, Circular Precast Concrete Planter	1,094.59	42.59
32 33 33 00-0007	EA	30" Diameter, 30" Height, Circular Precast Concrete Planter	1,325.40	54.75
32 33 33 00-0008	EA	36" Diameter, 24" Height, Circular Precast Concrete Planter	1,442.65	54.75
32 33 33 00-0009	EA	36" Diameter, 30" Height, Circular Precast Concrete Planter	1,625.61	60.83
32 33 33 00-0010	EA	48" Diameter, 17" Height, Circular Precast Concrete Planter	1,717.37	60.83
32 33 33 00-0011	EA	48" Diameter, 24" Height, Circular Precast Concrete Planter	1,913.47	76.05
32 33 33 00-0012	EA	48" Diameter, 30" Height, Circular Precast Concrete Planter	2,035.36	80.92
32 33 33 00-0013	EA	48" Diameter, 36" Height, Circular Precast Concrete Planter	2,120.35	85.17
32 33 33 00-0014	EA	60" Diameter, 17" Height, Circular Precast Concrete Planter	1,925.33	76.05
32 33 33 00-0015	EA	60" Diameter, 24" Height, Circular Precast Concrete Planter	2,117.80	85.17
32 33 33 00-0016	EA	60" Diameter, 36" Height, Circular Precast Concrete Planter	2,713.70	91.25
32 33 33 00-0017	EA	72" Diameter, 36" Height, Circular Precast Concrete Planter	3,521.98	115.59
32 33 33 00-0018	EA	84" Diameter, 36" Height, Circular Precast Concrete Planter	4,092.38	121.68
32 33 33 00-0019		**Square Precast Concrete Planters** *(32 33 33 00-0001)*		
32 33 33 00-0020	EA	36" Square, 30" Height, Square Precast Concrete Planter	1,658.78	79.09
32 33 33 00-0021	EA	42" Square, 30" Height, Square Precast Concrete Planter	1,899.25	85.17
32 33 33 00-0022	EA	60" Square, 36" Height, Square Precast Concrete Planter	3,001.16	97.33
32 33 33 00-0023	EA	72" Square, 36" Height, Square Precast Concrete Planter	3,201.95	103.42
32 33 33 00-0024		**Rectangular Precast Concrete Planters** *(32 33 33 00-0001)*		
32 33 33 00-0025	EA	33" x 18", 20" Height, Rectangular Precast Concrete Planter	960.06	36.50
32 33 33 00-0026	EA	48" x 18", 20" Height, Rectangular Precast Concrete Planter	1,126.57	54.75
32 33 33 00-0027	EA	60" x 18", 20" Height, Rectangular Precast Concrete Planter	1,306.98	60.83
32 33 33 00-0028	EA	72" x 18", 20" Height, Rectangular Precast Concrete Planter	1,487.78	76.05
32 33 33 00-0029		**Fiberglass Planters** *(32 33 33)*		
32 33 33 00-0030		**Circular Fiberglass Planters** *(32 33 33 00-0029)*		
32 33 33 00-0031	EA	36" Diameter, 27" High, Circular Fiberglass Planter	2,027.08	30.42
32 33 33 00-0032	EA	60" Diameter, 39" High, Circular Fiberglass Planter	3,382.18	30.42
32 33 33 00-0033	EA	36" Diameter, 24" High, Circular Fiberglass Planter	1,347.10	30.42
32 33 33 00-0034	EA	60" Diameter, 24" High, Circular Fiberglass Planter	2,667.82	30.42
32 33 33 00-0035		**Tapered Circular Fiberglass Planters** *(32 33 33 00-0029)*		
32 33 33 00-0036	EA	24" Diameter, 20" High, Tapered Circular Fiberglass Planter	780.71	30.42
32 33 33 00-0037	EA	30" Diameter, 25" High, Tapered Circular Fiberglass Planter	1,150.70	30.42

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 33 33 00-0038	EA	36" Diameter, 30" High, Tapered Circular Fiberglass Planter	2,061.47	30.42
32 33 33 00-0039	EA	40" Diameter, 36" High, Tapered Circular Fiberglass Planter	2,883.86	30.42
32 33 33 00-0040		**Square Fiberglass Planters** *(32 33 33 00-0029)*		
32 33 33 00-0041	EA	24" Square, 21" High, Square Fiberglass Planter	1,029.32	30.42
32 33 33 00-0042	EA	24" Square, 24" High, Square Fiberglass Planter	1,052.51	30.42
32 33 33 00-0043	EA	30" Square, 12" High, Square Fiberglass Planter	1,064.77	30.42
32 33 33 00-0044	EA	30" Square, 21" High, Square Fiberglass Planter	1,209.63	30.42
32 33 33 00-0045	EA	30" Square, 24" High, Square Fiberglass Planter	1,315.17	30.42
32 33 33 00-0046		**Rectangular Fiberglass Planters** *(32 33 33 00-0029)*		
32 33 33 00-0047	EA	48" x 12", 12" High, Rectangular Fiberglass Planter	1,186.69	30.42
32 33 33 00-0048	EA	48" x 12", 21" High, Rectangular Fiberglass Planter	1,273.24	30.42
32 33 33 00-0049	EA	48" x 24", 12" High, Rectangular Fiberglass Planter	1,663.00	30.42
32 33 33 00-0050	EA	48" x 24", 21" High, Rectangular Fiberglass Planter	1,836.10	30.42
32 33 33 00-0051		**Timber Planters** *(32 33 33)*		
32 33 33 00-0052		**Square Timber Planters** *(32 33 33 00-0051)*		
32 33 33 00-0053	EA	14" Square, 30" High, Square Timber Planter	534.65	63.46
32 33 33 00-0054	EA	21" Square, 30" High, Square Timber Planter	534.65	63.46
32 33 33 00-0055	EA	27" Square, 30" High, Square Timber Planter	985.42	63.46
32 33 33 00-0056	EA	34" Square, 30" High, Square Timber Planter	858.44	63.46
32 33 33 00-0057	EA	41" Square, 36" High, Square Timber Planter	1,017.16	63.46
32 33 33 00-0058	EA	54" Square, 36" High, Square Timber Planter	2,566.28	63.46
32 33 33 00-0059	EA	81" Square, 36" High, Square Timber Planter	3,842.40	63.46
32 33 33 00-0060		**Rectangular Timber Planters** *(32 33 33 00-0051)*		
32 33 33 00-0061	EA	21" x 14", 30" High, Rectangular Timber Planter	528.30	63.46
32 33 33 00-0062	EA	27" x 14", 30" High, Rectangular Timber Planter	585.44	63.46
32 33 33 00-0063	EA	27" x 21", 30" High, Rectangular Timber Planter	756.86	63.46
32 33 33 00-0064	EA	34" x 21", 30" High, Rectangular Timber Planter	833.04	63.46
32 33 33 00-0065	EA	41" x 21", 30" High, Rectangular Timber Planter	1,061.60	63.46
32 33 33 00-0066	EA	34" x 27", 30" High, Rectangular Timber Planter	1,226.67	63.46
32 33 33 00-0067	EA	41" x 27", 30" High, Rectangular Timber Planter	1,366.35	63.46
32 33 33 00-0068	EA	54" x 27", 30" High, Rectangular Timber Planter	1,766.32	63.46
32 33 33 00-0069	EA	54" x 34", 30" High, Rectangular Timber Planter	1,988.53	63.46
32 33 33 00-0070	EA	68" x 34", 36" High, Rectangular Timber Planter	2,261.54	63.46
32 33 33 00-0071	EA	54" x 41", 36" High, Rectangular Timber Planter	2,153.60	63.46
32 33 33 00-0072	EA	68" x 41", 36" High, Rectangular Timber Planter	2,432.95	63.46
32 33 33 00-0073	EA	81" x 41", 36" High, Rectangular Timber Planter	2,718.65	63.46
32 33 43		**Site Seating and Tables** *(32 33)*		
32 33 43 13		**Site Seating** *(32 33 43)*		
32 33 43 13-0001		**Benches (Wabash Valley)** *(32 33 43 13)*		
32 33 43 13-0002		**Prestige/Profile Benches** *(32 33 43 13-0001)*		
32 33 43 13-0003	EA	6' Bench With Arms, Inground, Diamond Site Furniture (Wabash Valley PP411D)	754.61	49.39
32 33 43 13-0004	EA	6' Bench With Arms, Inground, Perforated Site Furniture (Wabash Valley PP411P)	829.76	49.39
32 33 43 13-0005		**Benches (Landscapeforms)** *(32 33 43 13)*		
		Note: Excludes embedding in concrete See CSI section 32 31 13 13-0001 for drilling and concrete.		
32 33 43 13-0006	EA	72" Backless Wood Or PolySite Bench (Landscapeforms Balustrade)	1,669.57	105.76
32 33 43 13-0007	EA	72" Backed Wood Or PolySite Bench (Landscapeforms Balustrade)	2,077.82	105.76
32 33 43 13-0008	EA	96" Backed Wood Bench (Landscapeforms Balustrade)	2,340.27	105.76
32 33 43 13-0009	EA	End Loop Arms For Backed Bench (Landscapeforms Balustrade)	198.68	26.44
32 33 43 13-0010	EA	72" Backless Wood Or PolySite Bench (Landscapeforms Gretchen's)	1,821.71	105.76
32 33 43 13-0011	EA	96" Backless Wood Bench (Landscapeforms Gretchen's)	2,056.27	105.76
32 33 43 13-0012	EA	72" Backed Wood Or PolySite Bench (Landscapeforms Gretchen's)	2,240.11	105.76
32 33 43 13-0013	EA	96" Backed Wood Bench (Landscapeforms Gretchen's)	2,525.37	105.76
32 33 43 13-0014	EA	72" Backed Wood Or PolySite Bench With Armrest (Landscapeforms Gretchen's)	2,557.07	105.76
32 33 43 13-0015	EA	96" Backed Wood Bench With Armrest (Landscapeforms Gretchen's)	2,842.34	105.76
32 33 43 13-0016	EA	59" Backed Wood Or Metal Rod Bench (Landscapeforms Hyde Park)	3,308.40	105.76
32 33 43 13-0017	EA	75" Backed Wood Or Metal Rod Bench (Landscapeforms Hyde Park)	3,592.66	105.76
32 33 43 13-0018	EA	42" Backless Metal Grid Bench (Landscapeforms Manistee)	951.56	79.33
32 33 43 13-0019	EA	62" Backless Metal Grid Bench (Landscapeforms Manistee)	1,026.36	79.33
32 33 43 13-0020	EA	72" Backless Metal Grid Bench (Landscapeforms Manistee)	1,112.66	92.55
32 33 43 13-0021	EA	82" Backless Metal Grid Bench (Landscapeforms Manistee)	1,292.19	92.55
32 33 43 13-0022	EA	42" Backed Metal Grid Bench (Landscapeforms Manistee)	1,187.46	92.55
32 33 43 13-0023	EA	62" Backed Metal Grid Bench (Landscapeforms Manistee)	1,262.26	92.55
32 33 43 13-0024	EA	72" Backed Metal Grid Bench (Landscapeforms Manistee)	1,363.51	105.76
32 33 43 13-0025	EA	82" Backed Metal Grid Bench (Landscapeforms Manistee)	1,558.00	105.76
32 33 43 13-0026	EA	42" Backed Metal Grid Bench With Armrest Each End (Landscapeforms Manistee)	1,322.11	92.55

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 33 43 13-0027	EA	62" Backed Metal Grid Bench With Armrest Each End (Landscapeforms Manistee)	1,423.35	105.76
32 33 43 13-0028	EA	72" Backed Metal Grid Bench With Armrest Each End (Landscapeforms Manistee)	1,498.15	105.76
32 33 43 13-0029	EA	82" Backed Metal Grid Bench With Armrest Each End (Landscapeforms Manistee)	1,692.64	105.76
32 33 43 13-0030	EA	72" Backless Solid Wood Bench (Landscapeforms Palisade)	2,671.18	105.76
32 33 43 13-0031	EA	96" Backless Solid Wood Bench (Landscapeforms Palisade)	3,064.21	105.76
32 33 43 13-0032	EA	70" Backless Perforated Metal Bench (Landscapeforms Petoskey)	1,727.89	105.76
32 33 43 13-0033	EA	70" Dual Support Backed Perforated Metal Bench (Landscapeforms Petoskey)	2,077.82	105.76
32 33 43 13-0034	EA	70" Quad Support Backed Perforated Metal Bench (Landscapeforms Petoskey)	2,252.78	105.76
32 33 43 13-0035	EA	72" Backed Wood Bench (Landscapeforms Plainwell)	2,195.73	105.76
32 33 43 13-0036	EA	72" Backed Wood Bench With Center Arm (Landscapeforms Plainwell)	2,430.29	105.76
32 33 43 13-0037	EA	96" Backed Wood Bench (Landscapeforms Plainwell)	2,683.86	105.76
32 33 43 13-0038	EA	96" Backed Wood Bench With Center Arm (Landscapeforms Plainwell)	2,918.41	105.76
32 33 43 13-0039	EA	96" Backed Wood Bench With Two Center Arms (Landscapeforms Plainwell)	3,159.30	105.76
32 33 43 13-0040	EA	72" Backed Aluminum Bench (Landscapeforms Plainwell)	2,785.29	105.76
32 33 43 13-0041	EA	72" Backed Aluminum Bench With Center Arm (Landscapeforms Plainwell)	3,019.84	105.76
32 33 43 13-0042	EA	96" Backed Aluminum Bench (Landscapeforms Plainwell)	3,406.54	105.76
32 33 43 13-0043	EA	96" Backed Aluminum Bench With Center Arm (Landscapeforms Plainwell)	3,653.77	105.76
32 33 43 13-0044	EA	96" Backed Aluminum Bench With Two Center Arms (Landscapeforms Plainwell)	3,881.98	105.76
32 33 43 13-0045	EA	Backless Metal Grid Seats For Straight Runs (Landscapeforms Plexus)	636.10	26.44
32 33 43 13-0046	EA	Backless Metal Grid Seats For 60 Degree Radius (Landscapeforms Plexus)	851.63	26.44
32 33 43 13-0047	EA	Backless Metal Grid Seats For 120 Degree Radius (Landscapeforms Plexus)	851.63	26.44
32 33 43 13-0048	EA	Backed Metal Grid Seats For Straight Runs (Landscapeforms Plexus)	775.56	26.44
32 33 43 13-0049	EA	Narrow-Backed Metal Grid Seats For 60 Degree Radius (Landscapeforms Plexus)	959.40	26.44
32 33 43 13-0050	EA	Narrow-Backed Metal Grid Seats For 120 Degree Radius (Landscapeforms Plexus)	959.40	26.44
32 33 43 13-0051	EA	Wide-Backed Metal Grid Seats For 120 Degree Radius (Landscapeforms Plexus)	959.40	26.44
32 33 43 13-0052	EA	Armrest For Metal Grid Seats (Landscapeforms Plexus)	198.68	26.44
32 33 43 13-0053	EA	Backless Straight Metal Grid Seats (Landscapeforms Presidio)	889.67	26.44
32 33 43 13-0054	EA	Backless Straight Metal Grid Seats With One Arm (Landscapeforms Presidio)	984.76	26.44
32 33 43 13-0055	EA	Backless Straight Metal Grid Seats With Two Arms (Landscapeforms Presidio)	1,079.85	26.44
32 33 43 13-0056	EA	Backless Angled Metal Grid Seats (Landscapeforms Presidio)	1,073.51	26.44
32 33 43 13-0057	EA	Backless Angled Metal Grid Seats With One Arm (Landscapeforms Presidio)	1,168.60	26.44
32 33 43 13-0058	EA	Backless Angled Metal Grid Seats With Two Arms (Landscapeforms Presidio)	1,263.69	26.44
32 33 43 13-0059	EA	Backed Straight Metal Grid Seats (Landscapeforms Presidio)	1,060.83	26.44
32 33 43 13-0060	EA	Backed Straight Metal Grid Seats With One Arm (Landscapeforms Presidio)	1,155.92	26.44
32 33 43 13-0061	EA	Backed Straight Metal Grid Seats With Two Arms (Landscapeforms Presidio)	1,251.01	26.44
32 33 43 13-0062	EA	Narrow-Backed Angled Metal Grid Seats (Landscapeforms Presidio)	1,295.38	26.44
32 33 43 13-0063	EA	Narrow-Backed Angled Metal Grid Seats With One Arm (Landscapeforms Presidio)	1,390.47	26.44
32 33 43 13-0064	EA	Narrow-Backed Angled Metal Grid Seats With Two Arms (Landscapeforms Presidio)	1,485.56	26.44
32 33 43 13-0065	EA	Wide-Backed Angled Metal Grid Seats (Landscapeforms Presidio)	1,295.38	26.44
32 33 43 13-0066	EA	Wide-Backed Angled Metal Grid Seats With One Arm (Landscapeforms Presidio)	1,390.47	26.44
32 33 43 13-0067	EA	Wide-Backed Angled Metal Grid Seats With Two Arms (Landscapeforms Presidio)	1,485.56	26.44
32 33 43 13-0068	EA	48" Backless Horizontal Strap Bench (Landscapeforms Scarborough)	1,796.35	105.76
32 33 43 13-0069	EA	72" Backless Horizontal Strap Bench (Landscapeforms Scarborough)	1,821.71	105.76
32 33 43 13-0070	EA	96" Backless Horizontal Strap Bench (Landscapeforms Scarborough)	2,208.41	105.76
32 33 43 13-0071	EA	48" Backless Woven Bench (Landscapeforms Scarborough)	2,671.18	105.76
32 33 43 13-0072	EA	72" Backless Woven Bench (Landscapeforms Scarborough)	3,146.63	105.76
32 33 43 13-0073	EA	96" Backless Woven Bench (Landscapeforms Scarborough)	3,596.72	105.76
32 33 43 13-0074	EA	24" Backed Horizontal Strap Bench (Landscapeforms Scarborough)	1,454.03	105.76
32 33 43 13-0075	EA	48" Backed Horizontal Strap Bench (Landscapeforms Scarborough)	1,923.14	105.76
32 33 43 13-0076	EA	72" Backed Horizontal Strap Bench (Landscapeforms Scarborough)	1,967.52	105.76
32 33 43 13-0077	EA	72" Backed Horizontal Strap Bench With Center Arm (Landscapeforms Scarborough)	2,259.12	105.76
32 33 43 13-0078	EA	96" Backed Horizontal Strap Bench (Landscapeforms Scarborough)	2,544.39	105.76
32 33 43 13-0079	EA	96" Backed Horizontal Strap Bench With Center Arm (Landscapeforms Scarborough)	2,842.34	105.76
32 33 43 13-0080	EA	96" Backed Horizontal Strap Bench With Two Intermediate Arms (Landscapeforms Scarborough)	3,133.95	105.76
32 33 43 13-0081	EA	24" Backed Woven Bench (Landscapeforms Scarborough)	2,544.39	105.76
32 33 43 13-0082	EA	48" Backed Woven Bench (Landscapeforms Scarborough)	3,070.55	105.76
32 33 43 13-0083	EA	72" Backed Woven Bench (Landscapeforms Scarborough)	3,584.04	105.76
32 33 43 13-0084	EA	72" Backed Woven Bench With Center Arm (Landscapeforms Scarborough)	3,881.98	105.76
32 33 43 13-0085	EA	96" Backed Woven Bench (Landscapeforms Scarborough)	4,515.91	105.76
32 33 43 13-0086	EA	96" Backed Woven Bench With Center Arm (Landscapeforms Scarborough)	4,807.52	105.76
32 33 43 13-0087	EA	96" Backed Woven Bench With Two Intermediate Arms (Landscapeforms Scarborough)	5,092.79	105.76
32 33 43 13-0088	EA	32" Backed Strap Or Perforated Bench (Landscapeforms Town Square)	1,231.07	92.55
32 33 43 13-0089	EA	49" Backed Strap Or Perforated Bench (Landscapeforms Town Square)	1,478.31	92.55
32 33 43 13-0090	EA	49" Backed Strap Or Perforated Bench With Divider (Landscapeforms Town Square)	1,611.43	92.55
32 33 43 13-0091	EA	70" Backed Strap Or Perforated Bench (Landscapeforms Town Square)	1,885.11	105.76
32 33 43 13-0092	EA	70" Backed Strap Or Perforated Bench With Two Dividers (Landscapeforms Town Square)	2,132.34	105.76
32 33 43 13-0093	EA	48" Chicago Bench (Landscapeforms CH-35 BS)	1,200.46	105.20
32 33 43 13-0094	EA	60" Chicago Bench (Landscapeforms CH-35 BS)	1,345.69	105.20
32 33 43 13-0095	EA	72" Chicago Bench (Landscapeforms CH-35 BS)	1,373.35	105.20
32 33 43 13-0096	EA	84" Chicago Bench (Landscapeforms CH-35 BS)	1,401.01	105.20
32 33 43 13-0097	EA	96" Chicago Bench (Landscapeforms CH-35 BS)	1,525.49	105.20
32 33 43 13-0098	EA	48" Chicago Backless Bench (Landscapeforms CH Flat Bench) Note: Excludes arms.	1,013.74	105.20
32 33 43 13-0099	EA	60" Chicago Backless Bench (Landscapeforms CH Flat Bench) Note: Excludes arms.	1,110.56	105.20
32 33 43 13-0100	EA	72" Chicago Backless Bench (Landscapeforms CH Flat Bench) Note: Excludes arms.	1,193.55	105.20

32 33 43 13-0101 Benches (Columbia Cascade, TimberForm) *(32 33 43 13)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 33 43 13-0102		Wood Benches (Columbia Cascade, TimberForm) *(32 33 43 13-0101)*		
		Note: Includes powder coated steel frames.		
32 33 43 13-0103	EA	70" Length, Embedment Mount, 3 x 4 And 3 x 8 Wood Slats Bench (TimberForm 2006-6-E)	882.63	52.88
32 33 43 13-0104	EA	94" Length, Embedment Mount, 3 x 4 And 3 x 8 Wood Slats Bench (TimberForm 2006-8-E)	1,010.91	52.88
32 33 43 13-0105	EA	118" Length, Embedment Mount, 3 x 4 And 3 x 8 Wood Slats Bench (TimberForm 2006-10-E)	1,293.06	52.88
32 33 43 13-0106	EA	70" Length, Pedestal Mount, 3 x 4 And 3 x 8 Wood Slats Bench (TimberForm 2006-6-P)	921.14	52.88
32 33 43 13-0107	EA	94" Length, Pedestal Mount, 3 x 4 And 3 x 8 Wood Slats Bench (TimberForm 2006-8-P)	1,049.38	52.88
32 33 43 13-0108	EA	118" Length, Pedestal Mount, 3 x 4 And 3 x 8 Wood Slats Bench (TimberForm 2006-10-P)	1,344.36	52.88
32 33 43 13-0109	EA	70" Length, Embedment Mount, 3 x 4 And 3 x 8 Wood Slats Bench With Straight Back (TimberForm 2016-6-E)	1,344.36	52.88
32 33 43 13-0110	EA	94" Length, Embedment Mount, 3 x 4 And 3 x 8 Wood Slats Bench With Straight Back (TimberForm 2016-8-E)	1,562.38	52.88
32 33 43 13-0111	EA	118" Length, Embedment Mount, 3 x 4 And 3 x 8 Wood Slats Bench With Straight Back (TimberForm 2016-10-E)	2,011.25	52.88
32 33 43 13-0112	EA	70" Length, Pedestal Mount, 3 x 4 And 3 x 8 Wood Slats Bench With Straight Back (TimberForm 2016-6-P)	1,408.48	52.88
32 33 43 13-0113	EA	94" Length, Pedestal Mount, 3 x 4 And 3 x 8 Wood Slats Bench With Straight Back (TimberForm 2016-8-P)	1,626.50	52.88
32 33 43 13-0114	EA	118" Length, Pedestal Mount, 3 x 4 And 3 x 8 Wood Slats Bench With Straight Back (TimberForm 2016-10-P)	2,101.02	52.88
32 33 43 13-0115	EA	70" Length, Embedment Mount, Back-To-Back Double Bench, 3 x 4 And 3 x 8 Wood Slats Benches With Straight Backs (TimberForm 2026-6-E)	2,588.37	52.88
32 33 43 13-0116	EA	94" Length, Embedment Mount, Back-To-Back Double Bench, 3 x 4 And 3 x 8 Wood Slats Benches With Straight Backs (TimberForm 2026-8-E)	3,037.24	52.88
32 33 43 13-0117	EA	118" Length, Embedment Mount, Back-To-Back Double Bench, 3 x 4 And 3 x 8 Wood Slats Benches With Straight Backs (TimberForm 2026-10-E)	3,973.45	52.88
32 33 43 13-0118	EA	70" Length, Pedestal Mount, Back-To-Back Double Bench, 3 x 4 And 3 x 8 Wood Slats Benches With Straight Backs (TimberForm 2026-6-P)	2,652.49	52.88
32 33 43 13-0119	EA	94" Length, Pedestal Mount, Back-To-Back Double Bench, 3 x 4 And 3 x 8 Wood Slats Benches With Straight Backs (TimberForm 2026-8-P)	3,101.36	52.88
32 33 43 13-0120	EA	118" Length, Pedestal Mount, Back-To-Back Double Bench, 3 x 4 And 3 x 8 Wood Slats Benches With Straight Backs (TimberForm 2026-10-P)	4,063.23	52.88
32 33 43 13-0121	EA	70" Length, Embedment Mount, 3 x 4 Wood Slats Concave Bench (TimberForm 2028-6-E)	1,023.73	52.88
32 33 43 13-0122	EA	94" Length, Embedment Mount, 3 x 4 Wood Slats Concave Bench (TimberForm 2028-8-E)	1,151.98	52.88
32 33 43 13-0123	EA	70" Length, Pedestal Mount, 3 x 4 Wood Slats Concave Bench (TimberForm 2028-6-P)	1,062.21	52.88
32 33 43 13-0124	EA	94" Length, Pedestal Mount, 3 x 4 Wood Slats Concave Bench (TimberForm 2028-8-P)	1,190.46	52.88
32 33 43 13-0125	EA	46" Length, Embedment Mount, 3 x 4 And 3 x 8 Wood Slats Platform Seat (TimberForm 2044-4-E)	1,703.45	52.88
32 33 43 13-0126	EA	70" Length, Embedment Mount, 3 x 4 And 3 x 8 Wood Slats Platform Seat (TimberForm 2044-6-E)	2,011.25	52.88
32 33 43 13-0127	EA	46" Length, Pedestal Mount, 3 x 4 And 3 x 8 Wood Slats Platform Seat (TimberForm 2044-4-P)	1,806.05	52.88
32 33 43 13-0128	EA	70" Length, Pedestal Mount, 3 x 4 And 3 x 8 Wood Slats Platform Seat (TimberForm 2044-6-P)	2,113.85	52.88
32 33 43 13-0129	EA	70" Length, Wall Mount, 3 x 4 And 3 x 8 Wood Slats Bench (TimberForm 2045-6)	1,080.31	79.33
32 33 43 13-0130	EA	94" Length, Wall Mount, 3 x 4 And 3 x 8 Wood Slats Bench (TimberForm 2045-8)	1,131.61	79.33
32 33 43 13-0131	EA	118" Length, Wall Mount, 3 x 4 And 3 x 8 Wood Slats Bench (TimberForm 2045-10)	1,529.18	79.33
32 33 43 13-0132	EA	46" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-4-E)	831.36	52.88
32 33 43 13-0133	EA	70" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-6-E)	959.61	52.88
32 33 43 13-0134	EA	94" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-8-E)	1,087.86	52.88
32 33 43 13-0135	EA	118" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-10-E)	1,395.66	52.88
32 33 43 13-0136	EA	142" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-12-E)	1,523.90	52.88
32 33 43 13-0137	EA	46" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-4-P)	844.19	52.88
32 33 43 13-0138	EA	70" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-6-P)	972.44	52.88
32 33 43 13-0139	EA	94" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-8-P)	1,100.68	52.88
32 33 43 13-0140	EA	118" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-10-P)	1,434.13	52.88
32 33 43 13-0141	EA	142" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-12-P)	1,562.38	52.88
32 33 43 13-0142	EA	70" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2140-6-E)	1,421.31	52.88
32 33 43 13-0143	EA	94" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2140-8-E)	1,639.33	52.88
32 33 43 13-0144	EA	118" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2140-10-E)	2,113.85	52.88
32 33 43 13-0145	EA	142" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2140-12-E)	2,331.87	52.88
32 33 43 13-0146	EA	70" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2140-6-P)	1,446.96	52.88
32 33 43 13-0147	EA	94" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2140-8-P)	1,664.98	52.88
32 33 43 13-0148	EA	118" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2140-10-P)	2,152.32	52.88
32 33 43 13-0149	EA	142" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2140-12-P)	2,370.34	52.88
32 33 43 13-0150	EA	70" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-6-E)	1,421.31	52.88
32 33 43 13-0151	EA	82" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-7-E)	1,998.42	52.88
32 33 43 13-0152	EA	94" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-8-E)	1,780.40	52.88
32 33 43 13-0153	EA	118" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-10-E)	2,344.70	52.88
32 33 43 13-0154	EA	142" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-12-E)	2,562.72	52.88
32 33 43 13-0155	EA	70" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-6-P)	1,626.50	52.88
32 33 43 13-0156	EA	82" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-7-P)	2,036.90	52.88
32 33 43 13-0157	EA	94" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-8-P)	1,806.05	52.88
32 33 43 13-0158	EA	118" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-10-P)	2,383.17	52.88
32 33 43 13-0159	EA	142" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-12-P)	2,601.19	52.88
32 33 43 13-0160	EA	70" Length, Wall Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2142-6)	1,503.54	79.33
32 33 43 13-0161	EA	94" Length, Wall Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2142-8)	1,734.38	79.33
32 33 43 13-0162	EA	118" Length, Wall Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2142-10)	2,221.73	79.33
32 33 43 13-0163	EA	70" Length, Wall Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2143-6)	1,644.61	79.33

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 33 43 13-0164	EA	94" Length, Wall Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2143-8)	1,875.46	79.33
32 33 43 13-0165	EA	118" Length, Wall Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2143-10)	2,439.75	79.33
32 33 43 13-0166		Recycled Plastic Benches (Columbia Cascade, TimberForm) *(32 33 43 13-0101)*		
		Note: Includes powder coated steel frames.		
32 33 43 13-0167	EA	70" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Concave Bench (TimberForm 2029-6-E)	1,203.28	52.88
32 33 43 13-0168	EA	94" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Concave Bench (TimberForm 2029-8-E)	1,639.33	52.88
32 33 43 13-0169	EA	70" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Concave Bench (TimberForm 2029-6-P)	1,241.76	52.88
32 33 43 13-0170	EA	94" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Concave Bench (TimberForm 2029-8-P)	1,677.80	52.88
32 33 43 13-0171	EA	46" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Platform Seat (TimberForm 2041-4-E)	1,883.00	52.88
32 33 43 13-0172	EA	70" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Platform Seat (TimberForm 2041-6-E)	2,203.62	52.88
32 33 43 13-0173	EA	46" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Platform Seat (TimberForm 2041-4-P)	1,985.60	52.88
32 33 43 13-0174	EA	70" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Platform Seat (TimberForm 2041-6-P)	2,306.22	52.88
32 33 43 13-0175	EA	70" Length, Wall Mount, 3 x 4 Recycled Plastic Slats Bench (TimberForm 2042-6)	1,208.56	79.33
32 33 43 13-0176	EA	94" Length, Wall Mount, 3 x 4 Recycled Plastic Slats Bench (TimberForm 2042-8)	1,452.24	79.33
32 33 43 13-0177	EA	118" Length, Wall Mount, 3 x 4 Recycled Plastic Slats Bench (TimberForm 2042-10)	1,708.73	79.33
32 33 43 13-0178	EA	70" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Bench (TimberForm 2007-6-E)	985.23	52.88
32 33 43 13-0179	EA	94" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Bench (TimberForm 2007-8-E)	1,318.71	52.88
32 33 43 13-0180	EA	118" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Bench (TimberForm 2007-10-E)	1,575.20	52.88
32 33 43 13-0181	EA	70" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Bench (TimberForm 2007-6-P)	1,023.73	52.88
32 33 43 13-0182	EA	94" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Bench (TimberForm 2007-8-P)	1,357.18	52.88
32 33 43 13-0183	EA	118" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Bench (TimberForm 2007-10-P)	1,626.50	52.88
32 33 43 13-0184	EA	70" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Bench With Straight Back (TimberForm 2017-6-E)	1,562.38	52.88
32 33 43 13-0185	EA	94" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Bench With Straight Back (TimberForm 2017-8-E)	2,101.02	52.88
32 33 43 13-0186	EA	118" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Bench With Straight Back (TimberForm 2017-10-E)	2,549.89	52.88
32 33 43 13-0187	EA	70" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Bench With Straight Back (TimberForm 2017-6-P)	1,626.50	52.88
32 33 43 13-0188	EA	94" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Bench With Straight Back (TimberForm 2017-8-P)	2,190.80	52.88
32 33 43 13-0189	EA	118" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Bench With Straight Back (TimberForm 2017-10-P)	2,639.67	52.88
32 33 43 13-0190	EA	70" Length, Embedment Mount, Back-To-Back Double Bench, 3 x 4 Recycled Plastic Slats Benches With Straight Backs (TimberForm 2027-6-E)	3,037.24	52.88
32 33 43 13-0191	EA	94" Length, Embedment Mount, Back-To-Back Double Bench, 3 x 4 Recycled Plastic Slats Benches With Straight Backs (TimberForm 2027-8-E)	4,178.65	52.88
32 33 43 13-0192	EA	118" Length, Embedment Mount, Back-To-Back Double Bench, 3 x 4 Recycled Plastic Slats Benches With Straight Backs (TimberForm 2027-10-E)	4,627.52	52.88
32 33 43 13-0193	EA	70" Length, Pedestal Mount, Back-To-Back Double Bench, 3 x 4 Recycled Plastic Slats Benches With Straight Backs (TimberForm 2027-6-P)	3,101.36	52.88
32 33 43 13-0194	EA	94" Length, Pedestal Mount, Back-To-Back Double Bench, 3 x 4 Recycled Plastic Slats Benches With Straight Backs (TimberForm 2027-8-P)	4,268.42	52.88
32 33 43 13-0195	EA	118" Length, Pedestal Mount, Back-To-Back Double Bench, 3 x 4 Recycled Plastic Slats Benches With Straight Backs (TimberForm 2027-10-P)	4,717.29	52.88
32 33 43 13-0196	EA	70" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-6-E)	1,908.65	52.88
32 33 43 13-0197	EA	82" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-7-E)	2,652.49	52.88
32 33 43 13-0198	EA	94" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-8-E)	2,537.07	52.88
32 33 43 13-0199	EA	118" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-10-E)	2,908.99	52.88
32 33 43 13-0200	EA	142" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-12-E)	3,909.33	52.88
32 33 43 13-0201	EA	70" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-6-P)	1,934.30	52.88
32 33 43 13-0202	EA	82" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-7-P)	2,690.97	52.88
32 33 43 13-0203	EA	94" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-8-P)	2,575.54	52.88
32 33 43 13-0204	EA	118" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-10-P)	2,947.46	52.88
32 33 43 13-0205	EA	142" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-12-P)	3,973.45	52.88
32 33 43 13-0206	EA	70" Length, Wall Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2154-6)	1,824.16	79.33
32 33 43 13-0207	EA	94" Length, Wall Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2154-8)	2,452.57	79.33
32 33 43 13-0208	EA	118" Length, Wall Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2154-10)	3,029.69	79.33
32 33 43 13-0209	EA	70" Length, Wall Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2156-6)	2,042.18	79.33
32 33 43 13-0210	EA	94" Length, Wall Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2156-8)	2,721.90	79.33
32 33 43 13-0211	EA	118" Length, Wall Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2156-10)	2,991.22	79.33
32 33 43 13-0212	EA	46" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-4-E)	882.66	52.88
32 33 43 13-0213	EA	70" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-6-E)	1,151.98	52.88
32 33 43 13-0214	EA	94" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-8-E)	1,549.55	52.88
32 33 43 13-0215	EA	118" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-10-E)	1,818.88	52.88
32 33 43 13-0216	EA	142" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-12-E)	2,113.85	52.88
32 33 43 13-0217	EA	46" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-4-P)	908.31	52.88
32 33 43 13-0218	EA	70" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-6-P)	1,177.63	52.88
32 33 43 13-0219	EA	94" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-8-P)	1,588.03	52.88

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32 33 43 13-0220	EA	118" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-10-P)	1,857.35	52.88
32 33 43 13-0221	EA	142" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-12-P)	2,165.15	52.88
32 33 43 13-0222	EA	70" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2153-6-E)	1,703.45	52.88
32 33 43 13-0223	EA	94" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2153-8-E)	2,331.87	52.88
32 33 43 13-0224	EA	118" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2153-10-E)	2,870.51	52.88
32 33 43 13-0225	EA	142" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2153-12-E)	3,229.61	52.88
32 33 43 13-0226	EA	70" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2153-6-P)	1,729.10	52.88
32 33 43 13-0227	EA	94" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2153-8-P)	2,370.34	52.88
32 33 43 13-0228	EA	118" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2153-10-P)	2,908.99	52.88
32 33 43 13-0229	EA	142" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2153-12-P)	3,280.91	52.88
32 33 43 13-0230		Benches (DuMor, Inc.) *(32 33 43 13)*		
32 33 43 13-0231	EA	6' Cast Bench, Plastic, 2 Supports DuMor Site Furniture 57-60PL	1,450.28	49.39
32 33 43 13-0232	EA	6' All-Steel Bench DuMor Site Furniture 58-60	1,740.75	49.39
32 33 43 13-0233	EA	8' All-Steel Bench DuMor Site Furniture 58-80	1,917.95	49.39
32 33 43 13-0234	EA	6' Backless All-Steel Bench DuMor Site Furniture 92-60	1,472.21	49.39
32 33 43 13-0235	EA	8' Backless All-Steel Bench DuMor Site Furniture 92-80	1,804.68	49.39
32 33 43 13-0236	EA	6' All-Steel Bench (DuMor Site Furniture 93-60)	1,671.33	49.39
32 33 43 13-0237	EA	8' All-Steel Bench (DuMor Site Furniture 93-80)	1,998.32	49.39
32 33 43 13-0238	EA	6' Backless All-Steel Bench (DuMor Site Furniture 95-60)	1,448.46	49.39
32 33 43 13-0239	EA	8' Backless All-Steel Bench (DuMor Site Furniture 95-80)	1,667.67	49.39
32 33 43 13-0240	EA	6' All-Steel Bench With Armrest DuMor Site Furniture 160-60	1,589.12	49.39
32 33 43 13-0241	EA	8' All-Steel Bench With Armrest DuMor Site Furniture 160-80	1,680.46	49.39
32 33 43 53		**Site Tables** *(32 33 43)*		
32 33 43 53-0001		Tables *(32 33 43 53)*		
32 33 43 53-0002		Tables (Wabash) *(32 33 43 53-0001)*		
32 33 43 53-0003	EA	Spyder ADA Round Table (Wabash SY203P)	2,589.31	95.18
32 33 43 53-0004	EA	Shelter With 6' Table (Wabash SH105P)	7,802.93	95.18
32 33 43 53-0005	EA	46" Round Table With Attached Chairs, Bench Seats, Solid Top With Square Perforation Seats, Portable/Surface Mount (Wabash CA2Q50C)	2,383.14	95.18
32 33 43 53-0006	EA	46" Round Table With Attached Chairs, Bench Seats, Solid Top With Square Perforation Seats, Inground (Wabash CA2Q50I)	2,556.54	105.76
32 33 43 53-0007		Tables (Landscapeforms) *(32 33 43 53-0001)*		
32 33 43 53-0008	EA	Plexus Companion Table For Backed Seat, Straight Runs	832.78	98.88
32 33 43 53-0009	EA	Companion Table For Narrow-Backed Seat, For 60 Degree Radius (Landscapeforms Plexus)	1,035.64	98.88
32 33 43 53-0010	EA	Companion Table For Narrow-Backed Seat, For 120 Degree Radius (Landscapeforms Plexus)	1,035.64	98.88
32 33 43 53-0011	EA	Companion Table For Wide-Backed Seat, For 120 Degree Radius (Landscapeforms Plexus)	1,035.64	98.88
32 33 43 53-0012	EA	6-Person Picnic Table (Landscapeforms Manistee)	3,079.94	98.88
32 33 43 53-0013	EA	4-Person Picnic Table (Landscapeforms Manistee)	2,739.14	98.88
32 33 43 53-0014	EA	2-Person Picnic Table (Landscapeforms Manistee)	2,426.73	98.88
32 33 43 53-0015	EA	Umbrella Stand For Picnic Table (Landscapeforms)	253.57	
32 33 43 53-0016	EA	32" x 72" Picnic Table (Landscapeforms Petoskey)	2,437.20	95.18
32 33 43 53-0017	EA	62" Backless Metal Rod Bench (Landscapeforms Petoskey)	1,292.19	74.03
32 33 43 53-0018	EA	29" Backless Metal Rod Bench (Landscapeforms Petoskey)	1,082.73	74.03
32 33 43 53-0019	EA	58" x 54" x 30" Wood Or PolySite Picnic Table With Benches (Landscapeforms Gretchen)	2,849.76	95.18
32 33 43 53-0020	EA	3 Seat Table, Backless, Grid Seats And Fiberglass Top (Landscapeforms Carousel)	2,739.14	98.88
32 33 43 53-0021	EA	4 Seat Table, Backless, Grid Seats And Fiberglass Top (Landscapeforms Carousel)	2,739.14	98.88
32 33 43 53-0022	EA	5 Seat Table, Backless, Grid Seats And Fiberglass Top (Landscapeforms Carousel)	3,548.54	98.88
32 33 43 53-0023	EA	6 Seat Table, Backless, Grid Seats And Fiberglass Top (Landscapeforms Carousel)	3,548.54	98.88
32 33 43 53-0024	EA	3 Seat Table, Backless, Grid Seats And Fiberglass Polished Granite Top (Landscapeforms Carousel)	2,923.74	98.88
32 33 43 53-0025	EA	4 Seat Table, Backless, Grid Seats And Fiberglass Polished Granite Top (Landscapeforms Carousel)	2,923.74	98.88
32 33 43 53-0026	EA	5 Seat Table, Backless, Grid Seats And Fiberglass Polished Granite Top (Landscapeforms Carousel)	3,733.14	98.88
32 33 43 53-0027	EA	6 Seat Table, Backless, Grid Seats And Fiberglass Polished Granite Top (Landscapeforms Carousel)	3,733.14	98.88
32 33 43 53-0028	EA	3 Seat Table, Backless, Perforated Seats And Fiberglass Top (Landscapeforms Carousel)	2,852.74	98.88
32 33 43 53-0029	EA	4 Seat Table, Backless, Perforated Seats And Fiberglass Top (Landscapeforms Carousel)	2,852.74	98.88
32 33 43 53-0030	EA	5 Seat Table, Backless, Perforated Seats And Fiberglass Top (Landscapeforms Carousel)	3,718.94	98.88
32 33 43 53-0031	EA	6 Seat Table, Backless, Perforated Seats And Fiberglass Top (Landscapeforms Carousel)	3,718.94	98.88
32 33 43 53-0032	EA	3 Seat Table, Backless, Perforated Seats And Fiberglass Polished Granite Top (Landscapeforms Carousel)	3,037.34	98.88
32 33 43 53-0033	EA	4 Seat Table, Backless, Perforated Seats And Fiberglass Polished Granite Top (Landscapeforms Carousel)	3,037.34	98.88
32 33 43 53-0034	EA	5 Seat Table, Backless, Perforated Seats And Fiberglass Polished Granite Top (Landscapeforms Carousel)	3,903.54	98.88
32 33 43 53-0035	EA	6 Seat Table, Backless, Perforated Seats And Fiberglass Polished Granite Top (Landscapeforms Carousel)	3,903.54	98.88
32 33 43 53-0036	EA	3 Seat Table, Backed, Grid Seats And Fiberglass Top (Landscapeforms Carousel)	2,909.54	98.88
32 33 43 53-0037	EA	4 Seat Table, Backed, Grid Seats And Fiberglass Top (Landscapeforms Carousel)	2,909.54	98.88
32 33 43 53-0038	EA	5 Seat Table, Backed, Grid Seats And Fiberglass Top (Landscapeforms Carousel)	3,733.14	98.88
32 33 43 53-0039	EA	6 Seat Table, Backed, Grid Seats And Fiberglass Top (Landscapeforms Carousel)	3,733.14	98.88
32 33 43 53-0040	EA	3 Seat Table, Backed, Grid Seats And Fiberglass Polished Granite Top (Landscapeforms Carousel)	3,094.14	98.88
32 33 43 53-0041	EA	4 Seat Table, Backed, Grid Seats And Fiberglass Polished Granite Top (Landscapeforms Carousel)	3,094.14	98.88

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 33 43 53-0042	EA	5 Seat Table, Backed, Grid Seats And Fiberglass Polished Granite Top (Landscapeforms Carousel)	3,917.74	98.88
32 33 43 53-0043	EA	6 Seat Table, Backed, Grid Seats And Fiberglass Polished Granite Top (Landscapeforms Carousel)	3,917.74	98.88
32 33 43 53-0044	EA	3 Seat Table, Backed, Perforated Seats And Fiberglass Top (Landscapeforms Carousel)	3,051.54	98.88
32 33 43 53-0045	EA	4 Seat Table, Backed, Perforated Seats And Fiberglass Top (Landscapeforms Carousel)	3,051.54	98.88
32 33 43 53-0046	EA	5 Seat Table, Backed, Perforated Seats And Fiberglass Top (Landscapeforms Carousel)	3,946.14	98.88
32 33 43 53-0047	EA	6 Seat Table, Backed, Perforated Seats And Fiberglass Top (Landscapeforms Carousel)	3,946.14	98.88
32 33 43 53-0048	EA	3 Seat Table, Backed, Perforated Seats And Fiberglass Polished Granite Top (Landscapeforms Carousel)	3,236.14	98.88
32 33 43 53-0049	EA	4 Seat Table, Backed, Perforated Seats And Fiberglass Polished Granite Top (Landscapeforms Carousel)	3,236.14	98.88
32 33 43 53-0050	EA	5 Seat Table, Backed, Perforated Seats And Fiberglass Polished Granite Top (Landscapeforms Carousel)	4,130.74	98.88
32 33 43 53-0051	EA	6 Seat Table, Backed, Perforated Seats And Fiberglass Polished Granite Top (Landscapeforms Carousel)	4,130.74	98.88
32 33 43 53-0052	EA	3 Seat Table, Backless, Grid Seats And Catena Top (Landscapeforms Carousel)	2,544.39	98.88
32 33 43 53-0053	EA	4 Seat Table, Backless, Grid Seats And Catena Top (Landscapeforms Carousel)	2,544.39	98.88
32 33 43 53-0054	EA	5 Seat Table, Backless, Grid Seats And Catena Top (Landscapeforms Carousel)	3,343.14	98.88
32 33 43 53-0055	EA	6 Seat Table, Backless, Grid Seats And Catena Top (Landscapeforms Carousel)	3,343.14	98.88
32 33 43 53-0056	EA	3 Seat Table, Backless, Grid Seats And Steelhead Top (Landscapeforms Carousel)	2,645.82	98.88
32 33 43 53-0057	EA	4 Seat Table, Backless, Grid Seats And Steelhead Top (Landscapeforms Carousel)	2,645.82	98.88
32 33 43 53-0058	EA	5 Seat Table, Backless, Grid Seats And Steelhead Top (Landscapeforms Carousel)	3,431.89	98.88
32 33 43 53-0059	EA	6 Seat Table, Backless, Grid Seats And Steelhead Top (Landscapeforms Carousel)	3,431.89	98.88
32 33 43 53-0060	EA	3 Seat Table, Backless, Perforated Seats And Catena Top (Landscapeforms Carousel)	2,658.50	98.88
32 33 43 53-0061	EA	4 Seat Table, Backless, Perforated Seats And Catena Top (Landscapeforms Carousel)	2,658.50	98.88
32 33 43 53-0062	EA	5 Seat Table, Backless, Perforated Seats And Catena Top (Landscapeforms Carousel)	3,495.29	98.88
32 33 43 53-0063	EA	6 Seat Table, Backless, Perforated Seats And Catena Top (Landscapeforms Carousel)	3,495.29	98.88
32 33 43 53-0064	EA	3 Seat Table, Backless, Perforated Seats And Steelhead Top (Landscapeforms Carousel)	2,747.25	98.88
32 33 43 53-0065	EA	4 Seat Table, Backless, Perforated Seats And Steelhead Top (Landscapeforms Carousel)	2,747.25	98.88
32 33 43 53-0066	EA	5 Seat Table, Backless, Perforated Seats And Steelhead Top (Landscapeforms Carousel)	3,584.04	98.88
32 33 43 53-0067	EA	6 Seat Table, Backless, Perforated Seats And Steelhead Top (Landscapeforms Carousel)	3,584.04	98.88
32 33 43 53-0068	EA	3 Seat Table, Backed, Grid Seats And Catena Top (Landscapeforms Carousel)	2,709.21	98.88
32 33 43 53-0069	EA	4 Seat Table, Backed, Grid Seats And Catena Top (Landscapeforms Carousel)	2,709.21	98.88
32 33 43 53-0070	EA	5 Seat Table, Backed, Grid Seats And Catena Top (Landscapeforms Carousel)	3,520.64	98.88
32 33 43 53-0071	EA	6 Seat Table, Backed, Grid Seats And Catena Top (Landscapeforms Carousel)	3,520.64	98.88
32 33 43 53-0072	EA	3 Seat Table, Backed, Grid Seats And Steelhead Top (Landscapeforms Carousel)	2,804.30	98.88
32 33 43 53-0073	EA	4 Seat Table, Backed, Grid Seats And Steelhead Top (Landscapeforms Carousel)	2,804.30	98.88
32 33 43 53-0074	EA	5 Seat Table, Backed, Grid Seats And Steelhead Top (Landscapeforms Carousel)	3,609.39	98.88
32 33 43 53-0075	EA	6 Seat Table, Backed, Grid Seats And Steelhead Top (Landscapeforms Carousel)	3,609.39	98.88
32 33 43 53-0076	EA	3 Seat Table, Backed, Perforated Seats And Catena Top (Landscapeforms Carousel)	2,867.70	98.88
32 33 43 53-0077	EA	4 Seat Table, Backed, Perforated Seats And Catena Top (Landscapeforms Carousel)	2,867.70	98.88
32 33 43 53-0078	EA	5 Seat Table, Backed, Perforated Seats And Catena Top (Landscapeforms Carousel)	3,767.88	98.88
32 33 43 53-0079	EA	6 Seat Table, Backed, Perforated Seats And Catena Top (Landscapeforms Carousel)	3,767.88	98.88
32 33 43 53-0080	EA	3 Seat Table, Backed, Perforated Seats And Steelhead Top (Landscapeforms Carousel)	2,956.45	98.88
32 33 43 53-0081	EA	4 Seat Table, Backed, Perforated Seats And Steelhead Top (Landscapeforms Carousel)	2,956.45	98.88
32 33 43 53-0082	EA	5 Seat Table, Backed, Perforated Seats And Steelhead Top (Landscapeforms Carousel)	3,856.63	98.88
32 33 43 53-0083	EA	6 Seat Table, Backed, Perforated Seats And Steelhead Top (Landscapeforms Carousel)	3,856.63	98.88
32 33 43 53-0084		Tables (Columbia Cascade Co. - TimberForm) *(32 33 43 53-0001)*		
32 33 43 53-0085	EA	Table With Four Chairs (Columbia Cascade Co. 2052-E)	4,776.31	123.53
32 33 43 53-0086	EA	Table With Four Chairs (Columbia Cascade Co. 2052-P)	5,824.23	123.53
32 33 43 53-0087	EA	Accessible Table With Three Chairs (Columbia Cascade Co. 2053-E)	4,034.03	123.53
32 33 43 53-0088	EA	Accessible Table With Three Chairs (Columbia Cascade Co. 2053-P)	5,023.73	123.53
32 33 43 53-0089	EA	Table With Four Seats (Columbia Cascade Co. 2054-E)	2,695.01	123.53
32 33 43 53-0090	EA	Table With Four Seats (Columbia Cascade Co. 2054-P)	2,927.88	123.53
32 33 43 53-0091	EA	Accessible Table With Three Seats (Columbia Cascade Co. 2055-E)	2,302.04	123.53
32 33 43 53-0092	EA	Accessible Table With Three Seats (Columbia Cascade Co. 2055-P)	2,505.80	123.53
32 33 43 53-0093	EA	Integral Table With Four Seats (Columbia Cascade Co. 2056-E)	3,000.66	123.53
32 33 43 53-0094	EA	Integral Table With Four Seats (Columbia Cascade Co. 2056-P)	3,204.42	123.53
32 33 43 53-0095	EA	Integral Table With Four Seats (Columbia Cascade Co. 2056-R)	4,834.52	123.53
32 33 43 53-0096	EA	Accessible Integral Table With Four Seats (Columbia Cascade Co. 2057-E)	2,665.90	123.53
32 33 43 53-0097	EA	Accessible Integral Table With Four Seats (Columbia Cascade Co. 2057-P)	2,869.67	123.53
32 33 43 53-0098	EA	Accessible Integral Table With Four Seats (Columbia Cascade Co. 2057-R)	4,499.77	123.53
32 33 43 53-0099	EA	Standard Picnic Table And Seats (Columbia Cascade Co. 2062)	3,306.30	123.53
32 33 43 53-0100	EA	Standard Picnic Table And Seats (Columbia Cascade Co. 2062-P)	3,539.17	123.53
32 33 43 53-0101	EA	Accessible Picnic Table And Seats (Columbia Cascade Co. 2063-E)	3,859.37	123.53
32 33 43 53-0102	EA	Accessible Picnic Table And Seats (Columbia Cascade Co. 2063-P)	4,092.24	123.53
32 33 43 53-0103	EA	Accessible Picnic Table And Benches (Columbia Cascade Co. 2072-E)	4,834.52	123.53
32 33 43 53-0104	EA	Accessible Picnic Table And Benches (Columbia Cascade Co. 2072-P)	5,067.39	123.53
32 33 43 53-0105	EA	Standard Picnic Table And Benches (Columbia Cascade Co. 2073-E)	4,834.52	123.53
32 33 43 53-0106	EA	Standard Picnic Table And Benches (Columbia Cascade Co. 2073-P)	5,067.39	123.53
32 33 43 53-0107	EA	Standard Picnic Table And Seats (Columbia Cascade Co. 2074-6)	1,139.13	49.39
32 33 43 53-0108	EA	Accessible Picnic Table And Seats (Columbia Cascade Co. 2075-6)	1,517.55	49.39
32 33 43 53-0109	EA	Gameboard (Columbia Cascade Co. 2095)	329.42	24.75
32 33 43 53-0110	EA	Standard Picnic Table With Seats (Columbia Cascade Co. 2162-6-E)	3,306.30	123.53
32 33 43 53-0111	EA	Standard Picnic Table With Seats (Columbia Cascade Co. 2162-8-E)	3,772.04	123.53
32 33 43 53-0112	EA	Standard Picnic Table With Seats (Columbia Cascade Co. 2162-6-P)	3,539.17	123.53
32 33 43 53-0113	EA	Standard Picnic Table With Seats (Columbia Cascade Co. 2162-8-P)	4,004.92	123.53
32 33 43 53-0114	EA	Accessible Picnic Table With Seats (Columbia Cascade Co. 2163-6-E)	3,670.16	123.53
32 33 43 53-0115	EA	Accessible Picnic Table With Seats (Columbia Cascade Co. 2163-8-E)	4,135.91	123.53
32 33 43 53-0116	EA	Accessible Picnic Table With Seats (Columbia Cascade Co. 2163-6-P)	3,903.03	123.53
32 33 43 53-0117	EA	Accessible Picnic Table With Seats (Columbia Cascade Co. 2163-8-P)	4,368.78	123.53
32 33 43 53-0118	EA	Standard Picnic Table With Seats (Columbia Cascade Co. 2164-6)	3,089.43	49.39
32 33 43 53-0119	EA	Standard Picnic Table With Seats (Columbia Cascade Co. 2164-8)	3,467.85	49.39
32 33 43 53-0120	EA	Accessible Picnic Table With Seats (Columbia Cascade Co. 2165-6)	3,453.30	49.39

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 33 43 53-0121	EA	Accessible Picnic Table With Seats (Columbia Cascade Co. 2165-8)	3,831.71	49.39
32 33 43 53-0122	EA	Standard Picnic Table With Seats (Columbia Cascade Co. 2638-6-E)	7,774.53	123.53
32 33 43 53-0123	EA	Standard Picnic Table With Seats (Columbia Cascade Co. 2638-6-P)	8,589.58	123.53
32 33 43 53-0124	EA	Accessible Picnic Table With Seats (Columbia Cascade Co. 2639-6-E)	7,774.53	123.53
32 33 43 53-0125	EA	Accessible Picnic Table With Seats (Columbia Cascade Co. 2639-6-P)	8,589.58	123.53
32 33 43 53-0126	EA	Round Table With Center Support (Columbia Cascade Co. 2902-0030-E)	1,938.18	123.53
32 33 43 53-0127	EA	Round Table With Center Support (Columbia Cascade Co. 2902-0036-E)	2,127.39	123.53
32 33 43 53-0128	EA	Round Table With Center Support (Columbia Cascade Co. 2902-0042-E)	2,316.59	123.53
32 33 43 53-0129	EA	Round Table With Center Support (Columbia Cascade Co. 2902-0030-P)	2,069.17	123.53
32 33 43 53-0130	EA	Round Table With Center Support (Columbia Cascade Co. 2902-0036-P)	2,258.38	123.53
32 33 43 53-0131	EA	Round Table With Center Support (Columbia Cascade Co. 2902-0042-P)	2,447.59	123.53
32 33 43 53-0132	EA	Square Table With Center Support (Columbia Cascade Co. 2902-3030-E)	1,894.51	123.53
32 33 43 53-0133	EA	Square Table With Center Support (Columbia Cascade Co. 2902-3636-E)	2,025.50	123.53
32 33 43 53-0134	EA	Square Table With Center Support (Columbia Cascade Co. 2902-4242-E)	2,156.49	123.53
32 33 43 53-0135	EA	Square Table With Center Support (Columbia Cascade Co. 2902-3030-P)	2,025.50	123.53
32 33 43 53-0136	EA	Square Table With Center Support (Columbia Cascade Co. 2902-3636-P)	2,156.49	123.53
32 33 43 53-0137	EA	Square Table With Center Support (Columbia Cascade Co. 2902-4242-P)	2,287.49	123.53
32 33 43 53-0138	EA	Round Table With Four Legs (Columbia Cascade Co. 2905-0030-E)	1,836.30	123.53
32 33 43 53-0139	EA	Round Table With Four Legs (Columbia Cascade Co. 2905-0036-E)	2,025.50	123.53
32 33 43 53-0140	EA	Round Table With Four Legs (Columbia Cascade Co. 2905-0042-E)	2,214.71	123.53
32 33 43 53-0141	EA	Round Table With Four Legs (Columbia Cascade Co. 2905-0030-P)	1,836.30	123.53
32 33 43 53-0142	EA	Round Table With Four Legs (Columbia Cascade Co. 2905-0036-P)	2,025.50	123.53
32 33 43 53-0143	EA	Round Table With Four Legs (Columbia Cascade Co. 2905-0042-P)	2,214.71	123.53
32 33 43 53-0144	EA	Round Table With Four Legs (Columbia Cascade Co. 2905-0030-L)	1,836.30	123.53
32 33 43 53-0145	EA	Round Table With Four Legs (Columbia Cascade Co. 2905-0036-L)	2,025.50	123.53
32 33 43 53-0146	EA	Round Table With Four Legs (Columbia Cascade Co. 2905-0042-L)	2,214.71	123.53
32 33 43 53-0147	EA	Square Table With Four Legs (Columbia Cascade Co. 2905-3030-E)	1,748.97	123.53
32 33 43 53-0148	EA	Square Table With Four Legs (Columbia Cascade Co. 2905-3636-E)	1,879.96	123.53
32 33 43 53-0149	EA	Square Table With Four Legs (Columbia Cascade Co. 2905-4242-E)	2,010.95	123.53
32 33 43 53-0150	EA	Square Table With Four Legs (Columbia Cascade Co. 2905-3030-P)	1,748.97	123.53
32 33 43 53-0151	EA	Square Table With Four Legs (Columbia Cascade Co. 2905-3636-P)	1,879.96	123.53
32 33 43 53-0152	EA	Square Table With Four Legs (Columbia Cascade Co. 2905-4242-P)	2,010.95	123.53
32 33 43 53-0153	EA	Square Table With Four Legs (Columbia Cascade Co. 2905-3030-L)	1,748.97	123.53
32 33 43 53-0154	EA	Square Table With Four Legs (Columbia Cascade Co. 2905-3636-L)	1,879.96	123.53
32 33 43 53-0155	EA	Square Table With Four Legs (Columbia Cascade Co. 2905-4242-L)	2,010.95	123.53
32 33 43 53-0156	EA	Round Table With Center Support (Columbia Cascade Co. 2912-0030-E)	1,676.20	123.53
32 33 43 53-0157	EA	Round Table With Center Support (Columbia Cascade Co. 2912-0036-E)	1,865.41	123.53
32 33 43 53-0158	EA	Round Table With Center Support (Columbia Cascade Co. 2912-0042-E)	2,054.61	123.53
32 33 43 53-0159	EA	Round Table With Center Support (Columbia Cascade Co. 2912-0030-P)	1,807.19	123.53
32 33 43 53-0160	EA	Round Table With Center Support (Columbia Cascade Co. 2912-0036-P)	1,996.40	123.53
32 33 43 53-0161	EA	Round Table With Center Support (Columbia Cascade Co. 2912-0042-P)	2,185.60	123.53
32 33 43 53-0162	EA	Square Table With Center Support (Columbia Cascade Co. 2912-3030-E)	1,559.76	123.53
32 33 43 53-0163	EA	Square Table With Center Support (Columbia Cascade Co. 2912-3636-E)	1,676.20	123.53
32 33 43 53-0164	EA	Square Table With Center Support (Columbia Cascade Co. 2912-4242-E)	1,807.19	123.53
32 33 43 53-0165	EA	Square Table With Center Support (Columbia Cascade Co. 2912-3030-P)	1,676.20	123.53
32 33 43 53-0166	EA	Square Table With Center Support (Columbia Cascade Co. 2912-3636-P)	1,807.19	123.53
32 33 43 53-0167	EA	Square Table With Center Support (Columbia Cascade Co. 2912-4242-P)	1,938.18	123.53
32 33 43 53-0168	EA	Round Table With Four Legs (Columbia Cascade Co. 2915-0030-E)	1,763.52	123.53
32 33 43 53-0169	EA	Round Table With Four Legs (Columbia Cascade Co. 2915-0036-E)	1,952.73	123.53
32 33 43 53-0170	EA	Round Table With Four Legs (Columbia Cascade Co. 2915-0042-E)	2,141.94	123.53
32 33 43 53-0171	EA	Round Table With Four Legs (Columbia Cascade Co. 2915-0030-P)	1,763.52	123.53
32 33 43 53-0172	EA	Round Table With Four Legs (Columbia Cascade Co. 2915-0036-P)	1,952.73	123.53
32 33 43 53-0173	EA	Round Table With Four Legs (Columbia Cascade Co. 2915-0042-P)	2,141.94	123.53
32 33 43 53-0174	EA	Round Table With Four Legs (Columbia Cascade Co. 2915-0030-L)	1,763.52	123.53
32 33 43 53-0175	EA	Round Table With Four Legs (Columbia Cascade Co. 2915-0036-L)	1,952.73	123.53
32 33 43 53-0176	EA	Round Table With Four Legs (Columbia Cascade Co. 2915-0042-L)	2,141.94	123.53
32 33 43 53-0177	EA	Square Table With Four Legs (Columbia Cascade Co. 2915-3030-E)	1,661.64	123.53
32 33 43 53-0178	EA	Square Table With Four Legs (Columbia Cascade Co. 2915-3636-E)	1,792.63	123.53
32 33 43 53-0179	EA	Square Table With Four Legs (Columbia Cascade Co. 2915-4242-E)	1,923.62	123.53
32 33 43 53-0180	EA	Square Table With Four Legs (Columbia Cascade Co. 2915-3030-P)	1,661.64	123.53
32 33 43 53-0181	EA	Square Table With Four Legs (Columbia Cascade Co. 2915-3636-P)	1,792.63	123.53
32 33 43 53-0182	EA	Square Table With Four Legs (Columbia Cascade Co. 2915-4242-P)	1,923.62	123.53
32 33 43 53-0183	EA	Square Table With Four Legs (Columbia Cascade Co. 2915-3030-L)	1,661.64	123.53
32 33 43 53-0184	EA	Square Table With Four Legs (Columbia Cascade Co. 2915-3636-L)	1,792.63	123.53
32 33 43 53-0185	EA	Square Table With Four Legs (Columbia Cascade Co. 2915-4242-L)	1,923.62	123.53
32 33 43 53-0186	EA	Round Table With Center Support (Columbia Cascade Co. 2922-0030-E)	1,559.76	123.53
32 33 43 53-0187	EA	Round Table With Center Support (Columbia Cascade Co. 2922-0036-E)	1,617.98	123.53
32 33 43 53-0188	EA	Round Table With Center Support (Columbia Cascade Co. 2922-0042-E)	1,676.20	123.53
32 33 43 53-0189	EA	Round Table With Center Support (Columbia Cascade Co. 2922-0030-P)	1,690.75	123.53
32 33 43 53-0190	EA	Round Table With Center Support (Columbia Cascade Co. 2922-0036-P)	1,748.97	123.53
32 33 43 53-0191	EA	Round Table With Center Support (Columbia Cascade Co. 2922-0042-P)	1,807.19	123.53
32 33 43 53-0192	EA	Square Table With Center Support (Columbia Cascade Co. 2922-3030-E)	1,545.21	123.53
32 33 43 53-0193	EA	Square Table With Center Support (Columbia Cascade Co. 2922-3636-E)	1,588.87	123.53
32 33 43 53-0194	EA	Square Table With Center Support (Columbia Cascade Co. 2922-4242-E)	1,632.53	123.53
32 33 43 53-0195	EA	Square Table With Center Support (Columbia Cascade Co. 2922-3030-P)	1,676.20	123.53
32 33 43 53-0196	EA	Square Table With Center Support (Columbia Cascade Co. 2922-3636-P)	1,719.86	123.53
32 33 43 53-0197	EA	Square Table With Center Support (Columbia Cascade Co. 2922-4242-P)	1,763.52	123.53
32 33 43 53-0198	EA	Round Table With Four Legs (Columbia Cascade Co. 2925-0030-E)	1,588.87	123.53
32 33 43 53-0199	EA	Round Table With Four Legs (Columbia Cascade Co. 2925-0036-E)	1,647.09	123.53
32 33 43 53-0200	EA	Round Table With Four Legs (Columbia Cascade Co. 2925-0042-E)	1,705.31	123.53
32 33 43 53-0201	EA	Round Table With Four Legs (Columbia Cascade Co. 2925-0030-P)	1,588.87	123.53

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 33 43 53-0202	EA	Round Table With Four Legs (Columbia Cascade Co. 2925-0036-P)	1,647.09	123.53
32 33 43 53-0203	EA	Round Table With Four Legs (Columbia Cascade Co. 2925-0042-P)	1,705.31	123.53
32 33 43 53-0204	EA	Round Table With Four Legs (Columbia Cascade Co. 2925-0030-L)	1,588.87	123.53
32 33 43 53-0205	EA	Round Table With Four Legs (Columbia Cascade Co. 2925-0036-L)	1,647.09	123.53
32 33 43 53-0206	EA	Round Table With Four Legs (Columbia Cascade Co. 2925-0042-L)	1,705.31	123.53
32 33 43 53-0207	EA	Square Table With Four Legs (Columbia Cascade Co. 2925-3030-E)	1,588.87	123.53
32 33 43 53-0208	EA	Square Table With Four Legs (Columbia Cascade Co. 2925-3636-E)	1,632.53	123.53
32 33 43 53-0209	EA	Square Table With Four Legs (Columbia Cascade Co. 2925-4242-E)	1,676.20	123.53
32 33 43 53-0210	EA	Square Table With Four Legs (Columbia Cascade Co. 2925-3030-P)	1,588.87	123.53
32 33 43 53-0211	EA	Square Table With Four Legs (Columbia Cascade Co. 2925-3636-P)	1,632.53	123.53
32 33 43 53-0212	EA	Square Table With Four Legs (Columbia Cascade Co. 2925-4242-P)	1,676.20	123.53
32 33 43 53-0213	EA	Square Table With Four Legs (Columbia Cascade Co. 2925-3030-L)	1,588.87	123.53
32 33 43 53-0214	EA	Square Table With Four Legs (Columbia Cascade Co. 2925-3636-L)	1,632.53	123.53
32 33 43 53-0215	EA	Square Table With Four Legs (Columbia Cascade Co. 2925-4242-L)	1,676.20	123.53
32 33 43 53-0216	EA	Round Table With Center Support (Columbia Cascade Co. 2932-0030-E)	1,617.98	123.53
32 33 43 53-0217	EA	Round Table With Center Support (Columbia Cascade Co. 2932-0036-E)	1,676.20	123.53
32 33 43 53-0218	EA	Round Table With Center Support (Columbia Cascade Co. 2932-0042-E)	1,734.41	123.53
32 33 43 53-0219	EA	Round Table With Center Support (Columbia Cascade Co. 2932-0030-P)	1,748.97	123.53
32 33 43 53-0220	EA	Round Table With Center Support (Columbia Cascade Co. 2932-0036-P)	1,807.19	123.53
32 33 43 53-0221	EA	Round Table With Center Support (Columbia Cascade Co. 2932-0042-P)	1,865.41	123.53
32 33 43 53-0222	EA	Square Table With Center Support (Columbia Cascade Co. 2932-3030-E)	1,719.86	123.53
32 33 43 53-0223	EA	Square Table With Center Support (Columbia Cascade Co. 2932-3636-E)	1,763.52	123.53
32 33 43 53-0224	EA	Square Table With Center Support (Columbia Cascade Co. 2932-4242-E)	1,807.19	123.53
32 33 43 53-0225	EA	Square Table With Center Support (Columbia Cascade Co. 2932-3030-P)	1,850.85	123.53
32 33 43 53-0226	EA	Square Table With Center Support (Columbia Cascade Co. 2932-3636-P)	1,894.51	123.53
32 33 43 53-0227	EA	Square Table With Center Support (Columbia Cascade Co. 2932-4242-P)	1,938.18	123.53
32 33 43 53-0228	EA	Round Table With Four Legs (Columbia Cascade Co. 2935-0030-E)	1,690.75	123.53
32 33 43 53-0229	EA	Round Table With Four Legs (Columbia Cascade Co. 2935-0036-E)	1,748.97	123.53
32 33 43 53-0230	EA	Round Table With Four Legs (Columbia Cascade Co. 2935-0042-E)	1,807.19	123.53
32 33 43 53-0231	EA	Round Table With Four Legs (Columbia Cascade Co. 2935-0030-P)	1,690.75	123.53
32 33 43 53-0232	EA	Round Table With Four Legs (Columbia Cascade Co. 2935-0036-P)	1,748.97	123.53
32 33 43 53-0233	EA	Round Table With Four Legs (Columbia Cascade Co. 2935-0042-P)	1,807.19	123.53
32 33 43 53-0234	EA	Round Table With Four Legs (Columbia Cascade Co. 2935-0030-L)	1,690.75	123.53
32 33 43 53-0235	EA	Round Table With Four Legs (Columbia Cascade Co. 2935-0036-L)	1,748.97	123.53
32 33 43 53-0236	EA	Round Table With Four Legs (Columbia Cascade Co. 2935-0042-L)	1,807.19	123.53
32 33 43 53-0237	EA	Square Table With Four Legs (Columbia Cascade Co. 2935-3030-E)	1,792.63	123.53
32 33 43 53-0238	EA	Square Table With Four Legs (Columbia Cascade Co. 2935-3636-E)	1,836.30	123.53
32 33 43 53-0239	EA	Square Table With Four Legs (Columbia Cascade Co. 2935-4242-E)	1,879.96	123.53
32 33 43 53-0240	EA	Square Table With Four Legs (Columbia Cascade Co. 2935-3030-P)	1,792.63	123.53
32 33 43 53-0241	EA	Square Table With Four Legs (Columbia Cascade Co. 2935-3636-P)	1,836.30	123.53
32 33 43 53-0242	EA	Square Table With Four Legs (Columbia Cascade Co. 2935-4242-P)	1,879.96	123.53
32 33 43 53-0243	EA	Square Table With Four Legs (Columbia Cascade Co. 2935-3030-L)	1,792.63	123.53
32 33 43 53-0244	EA	Square Table With Four Legs (Columbia Cascade Co. 2935-3636-L)	1,836.30	123.53
32 33 43 53-0245	EA	Square Table With Four Legs (Columbia Cascade Co. 2935-4242-L)	1,879.96	123.53
32 33 43 53-0246	EA	Square Table With Center Support (Columbia Cascade Co. 2942-3030-E)	1,370.55	123.53
32 33 43 53-0247	EA	Square Table With Center Support (Columbia Cascade Co. 2942-3636-E)	1,414.22	123.53
32 33 43 53-0248	EA	Square Table With Center Support (Columbia Cascade Co. 2942-4242-E)	1,457.88	123.53
32 33 43 53-0249	EA	Square Table With Center Support (Columbia Cascade Co. 2942-3030-P)	1,501.54	123.53
32 33 43 53-0250	EA	Square Table With Center Support (Columbia Cascade Co. 2942-3636-P)	1,545.21	123.53
32 33 43 53-0251	EA	Square Table With Center Support (Columbia Cascade Co. 2942-4242-P)	1,588.87	123.53
32 33 43 53-0252	EA	Round Table With Center Support (Columbia Cascade Co. 2962-0030-E)	1,617.98	123.53
32 33 43 53-0253	EA	Round Table With Center Support (Columbia Cascade Co. 2962-0036-E)	1,676.20	123.53
32 33 43 53-0254	EA	Round Table With Center Support (Columbia Cascade Co. 2962-0042-E)	1,734.41	123.53
32 33 43 53-0255	EA	Round Table With Center Support (Columbia Cascade Co. 2962-0030-P)	1,457.88	123.53
32 33 43 53-0256	EA	Round Table With Center Support (Columbia Cascade Co. 2962-0036-P)	1,516.10	123.53
32 33 43 53-0257	EA	Round Table With Center Support (Columbia Cascade Co. 2962-0042-P)	1,574.31	123.53
32 33 43 53-0258	EA	Square Table With Center Support (Columbia Cascade Co. 2962-3030-E)	1,341.44	123.53
32 33 43 53-0259	EA	Square Table With Center Support (Columbia Cascade Co. 2962-3636-E)	1,385.11	123.53
32 33 43 53-0260	EA	Square Table With Center Support (Columbia Cascade Co. 2962-4242-E)	1,428.77	123.53
32 33 43 53-0261	EA	Square Table With Center Support (Columbia Cascade Co. 2962-3030-P)	1,472.43	123.53
32 33 43 53-0262	EA	Square Table With Center Support (Columbia Cascade Co. 2962-3636-P)	1,516.10	123.53
32 33 43 53-0263	EA	Square Table With Center Support (Columbia Cascade Co. 2962-4242-P)	1,559.76	123.53
32 33 43 53-0264		Picnic Tables *(32 33 43 53)*		
32 33 43 53-0265		Wooden Picnic Tables *(32 33 43 53-0264)*		
32 33 43 53-0266	EA	6' Permanent Rectangular Redwood Table	928.10	79.33
32 33 43 53-0267		Portable Picnic Tables *(32 33 43 53-0264)*		
32 33 43 53-0268	EA	6' Wood Table With Aluminum Frame	1,473.76	52.88
32 33 43 53-0269	EA	6' Aluminum Table And Frame	2,134.87	52.88
32 33 43 53-0270	EA	8' Aluminum Table And Frame	2,547.81	66.11
32 33 43 53-0271	EA	6' Steel Table And Frame	1,294.47	52.88
32 33 43 53-0272	EA	8' Steel Table And Frame	1,483.42	66.11
32 33 43 53-0273		Concrete Picnic Tables *(32 33 43 53-0264)*		
32 33 43 53-0274	EA	72" Long x 72" Wide, Precast Concrete, One Piece, Rectangular Picnic Table With Two Integral Benches (Quikcrete QLBT72PT)	2,583.29	211.53

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 33 43 53-0275	EA	96" Long x 72" Wide, Precast Concrete, One Piece, Rectangular Picnic Table With Two Integral Benches (Quick Crete QLBT96PT Or QLMR96PT)	2,981.83	
		Note: Standard sealer		
32 33 43 53-0276	EA	102" Long x 72" Wide, Precast Concrete, One Piece, Rectangular Picnic Table With Two Integral Benches And Handicap Access On Two Ends (Quick Crete QLMR102PTADA)	2,991.24	
		Note: Standard sealer		
32 33 43 53-0277	EA	42" Diameter, Precast Concrete, Round Food Court Table Set With Four Benches (Quick Crete QR42FC)	3,171.73	
		Note: Includes table top, four benches and mounting hardware.		
32 33 43 53-0278		Plastic Picnic Tables *(32 33 43 53-0264)*		
		Note: Manufactured from recycled plastic.		
32 33 43 53-0279		Pedestal Tables - 4' Square, 2 Seats *(32 33 43 53-0278)*		
32 33 43 53-0280	EA	3" x 4" Slats, Pedestal Table, 4' Square, 2 Seats	1,762.44	79.33
32 33 43 53-0281	EA	4" x 4" Slats, Pedestal Table, 4' Square, 2 Seats	1,932.80	79.33
32 33 43 53-0282		Pedestal Tables - 4' Square, 4 Seats *(32 33 43 53-0278)*		
32 33 43 53-0283	EA	3" x 4" Slats, Pedestal Table, 4' Square, 4 Seats	2,314.89	79.33
32 33 43 53-0284	EA	4" x 4" Slats, Pedestal Table, 4' Square, 4 Seats	2,543.66	79.33
32 33 43 53-0285		Recycled Plastic Tables *(32 33 43 53-0278)*		
32 33 43 53-0286	EA	6' Standard "Step-Over" Table, Recycled Plastic Lumber	3,036.87	79.33
32 33 43 53-0287	EA	6' " Walk-Through" Table, Recycled Plastic Lumber	2,526.69	79.33
32 33 43 53-0288	EA	7' Reinforced "Step-Over" Table, Recycled Plastic Lumber, ADA Ends	2,761.15	79.33
32 33 43 53-0289	EA	8' " Walk-Through" Table, Recycled Plastic Lumber, ADA Ends	2,581.08	79.33
32 33 43 53-0290	EA	8' Reinforced "Step-Over" Table, Recycled Plastic Lumber, ADA Ends	3,252.11	79.33
32 33 43 53-0291	EA	4' Youth Table, Recycled Plastic Lumber	1,287.50	63.46

32 39 Manufactured Site Specialties *(32 30)*

Note: Excludes coredrilling, augering, concrete footing and compaction See CSI section 02 41 19 13-0075 for concrete core drilling, 02 41 19 13-0213 for asphalt core drilling, 32 31 13 13-0002 for augering, 32 31 13 13-0019 for concrete footing, 32 31 13 13-0045 for compaction of earth.

32 39 13 Manufactured Metal Bollards *(32 39)*

32 39 13 00-0001		Metal Pipe Bollards *(32 39 13)*		
		Note: For bollards by the LF, the quantity is the total length, including the buried portion, if any. See CSI section 32 31 13 13-0001 for augering and filling holes for bollards, 32 31 13 13-0018 for concrete fill for post and post holes.		
32 39 13 00-0002		Steel Pipe Bollard, Schedule 40 Pipe, Painted Or Powered Coated *(32 39 13 00-0001)*		
32 39 13 00-0003	LF	4" Steel Pipe Bollard, Schedule 40, Painted Or Powder Coated	117.07	14.28
		For Galvanized Steel, Add	*15.05*	
		For 304 Stainless Steel, Add	*119.48*	
		For Each Surface Mounted Bollard (Includes Base Plate And Anchor Bolts), Add	*138.28*	
		For Each Sleeve For Removable, Lockable Bollard (Includes Tamper Proof Screw), Add	*95.06*	
		For Schedule 80, Add	*16.13*	
		For Concrete Fill, Add Per LF Of Pipe Bollard	*11.26*	
32 39 13 00-0004	LF	6" Steel Pipe Bollard, Schedule 40, Painted Or Powder Coated	168.17	14.28
		For Galvanized Steel, Add	*23.73*	
		For 304 Stainless Steel, Add	*188.46*	
		For Each Surface Mounted Bollard (Includes Base Plate And Anchor Bolts), Add	*138.28*	
		For Each Sleeve For Removable, Lockable Bollard (Includes Tamper Proof Screw), Add	*95.06*	
		For Schedule 80, Add	*23.80*	
		For Concrete Fill, Add Per LF Of Pipe Bollard	*15.89*	
32 39 13 00-0005	LF	8" Steel Pipe Bollard, Schedule 40, Painted Or Powder Coated	242.76	17.86
		For Galvanized Steel, Add	*35.20*	
		For 304 Stainless Steel, Add	*279.52*	
		For Each Surface Mounted Bollard (Includes Base Plate And Anchor Bolts), Add	*180.84*	
		For Each Sleeve For Removable, Lockable Bollard, Add	*139.58*	
		For Schedule 80, Add	*34.63*	
		For Concrete Fill, Add Per LF Of Pipe Bollard	*21.20*	
32 39 13 00-0006	LF	10" Steel Pipe Bollard, Schedule 40, Painted Or Powder Coated	326.14	21.43
		For Galvanized Steel, Add	*48.16*	
		For 304 Stainless Steel, Add	*382.44*	
		For Each Surface Mounted Bollard (Includes Base Plate And Anchor Bolts), Add	*209.40*	
		For Each Sleeve For Removable, Lockable Bollard, Add	*153.86*	
		For Schedule 80, Add	*46.78*	
		For Concrete Fill, Add Per LF Of Pipe Bollard	*25.92*	
32 39 13 00-0007	LF	12" Steel Pipe Bollard, Schedule 40, Painted Or Powder Coated	408.70	28.57
		For Galvanized Steel, Add	*59.77*	
		For 304 Stainless Steel, Add	*474.61*	
		For Each Surface Mounted Bollard (Includes Base Plate And Anchor Bolts), Add	*287.56*	
		For Each Sleeve For Removable, Lockable Bollard, Add	*211.15*	
		For Schedule 80, Add	*58.45*	
		For Concrete Fill, Add Per LF Of Pipe Bollard	*30.22*	

32 39 23 Manufactured Concrete Bollards *(32 39)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 39 23 00-0001		**Concrete Bollards** *(32 39 23)* Note: For bollards by the LF, the quantity is the total length, including the buried portion, if any. See CSI section 32 31 13 13-0001 for augering and filling holes for bollards, 32 31 13 13-0018 for concrete fill.		
32 39 23 00-0002		**Concrete Bollard, Exposed Aggregate** *(32 39 23 00-0001)*		
32 39 23 00-0003	EA	12" x 12" x 30" High Concrete Bollard, Light Media Blast Note: Surface mounted with anchor bolts embedded into grout pockets.	704.04	114.27
32 39 23 00-0004	EA	12" Diameter x 30" High Concrete Bollard, Light Media Blast Note: Surface mounted with anchor bolts embedded into grout pockets.	704.04	114.27
32 39 25		**Manufactured Wood Bollards** *(32 39)*		
32 39 25 00-0001		**Wood Bollards** *(32 39 25)* Note: For bollards by the LF, the quantity is the total length, including the buried portion, if any. See CSI section 32 31 13 13-0001 for augering and filling holes for bollards, 32 31 13 13-0018 for concrete fill.		
32 39 25 00-0002		**Wood Bollard, Pressure Treated Timber** *(32 39 25 00-0001)*		
32 39 25 00-0003	LF	4" x 4", Pressure Treated Wood Bollard	26.47	11.43
		For Each Sleeve For Removable, Lockable Bollard, Add	*92.72*	
32 39 25 00-0004	LF	6" x 6", Pressure Treated Wood Bollard	30.29	11.43
		For Each Sleeve For Removable, Lockable Bollard, Add	*92.72*	
32 39 25 00-0005	LF	8" x 8", Pressure Treated Wood Bollard	38.94	12.86
		For Each Sleeve For Removable, Lockable Bollard, Add	*136.62*	
32 39 25 00-0006	LF	10" x 10", Pressure Treated Wood Bollard	54.91	17.14
		For Each Sleeve For Removable, Lockable Bollard, Add	*153.78*	
32 39 25 00-0007	LF	12" x 12", Pressure Treated Wood Bollard	75.41	22.85
		For Each Sleeve For Removable, Lockable Bollard, Add	*212.51*	
32 39 27		**Manufactured Plastic Bollards** *(32 39)*		
32 39 27 00-0001		**Plastic Bollards** *(32 39 27)* See CSI section 32 31 13 13-0001 for augering and filling holes for bollards., 32 31 13 13-0018 for concrete fill.		
32 39 27 00-0002		**Recycled Plastic Bollards** *(32 39 27 00-0001)*		
32 39 27 00-0003	EA	6" x 6" x 33" Surface Mounted Recycled Plastic Bollard Note: Includes anchor bolts.	361.04	57.14
32 39 27 00-0004	EA	6" Diameter x 6' Steel Reinforced Recycled Plastic Bollard	580.73	57.14
32 39 27 00-0005		**Plastic Bollard Covers** *(32 39 27 00-0001)*		
32 39 27 00-0006	EA	4" x 60", 1/8" Thick LDPE Bollard Cover, Fits 4" To 4-1/2" Pipe	92.38	13.57
		For Reflective Tape, Add	*10.36*	
32 39 27 00-0007	EA	6" x 60", 1/8" Thick LDPE Bollard Cover, Fits 6" To 6-5/8" Pipe	99.99	14.93
		For Reflective Tape, Add	*10.36*	
32 39 27 00-0008	EA	3" x 60", 1/4" Thick LDPE Bollard Cover, Fits 3" To 3 1/2" Pipe	125.01	13.57
		For Reflective Tape, Add	*10.36*	
32 39 27 00-0009	EA	3-1/2" x 52", 1/4" Thick LDPE Bollard Cover, Fits 3 -1/2" To 4" Pipe	125.01	13.57
		For Reflective Tape, Add	*10.36*	
32 39 27 00-0010	EA	3-1/2" x 68", 1/4" Thick LDPE Bollard Cover, Fits 3-1/2" To 4" Pipe	140.24	13.57
		For Reflective Tape, Add	*10.36*	
32 39 27 00-0011	EA	4" x 52", 1/4" Thick LDPE Bollard Cover, Fits 4' To 4-1/2" Pipe	125.01	13.57
		For Reflective Tape, Add	*10.36*	
32 39 27 00-0012	EA	4" x 60", 1/4" Thick LDPE Bollard Cover, Fits 4" To 4-1/2" Pipe	127.19	13.57
		For Reflective Tape, Add	*10.36*	
32 39 27 00-0013	EA	5" x 52", 1/4" Thick LDPE Bollard Cover, Fits 5" To 5-9/16" Pipe	125.01	13.57
		For Reflective Tape, Add	*10.36*	
32 39 27 00-0014	EA	5" x 60", 1/4" Thick LDPE Bollard Cover, Fits 5" To 5-9/16" Pipe	127.19	13.57
		For Reflective Tape, Add	*10.36*	
32 39 27 00-0015	EA	5" x 72", 1/4" Thick LDPE Bollard Cover, Fits 5" To 5-9/16" Pipe	177.22	13.57
		For Reflective Tape, Add	*10.36*	
32 39 27 00-0016	EA	6" x 52", 1/4" Thick LDPE Bollard Cover, Fits 6" To 6-5/8" Pipe	127.72	14.93
		For Reflective Tape, Add	*10.36*	
32 39 27 00-0017	EA	6" x 65", 1/4" Thick LDPE Bollard Cover, Fits 6" To 6-5/8" Pipe	162.53	14.93
		For Reflective Tape, Add	*10.36*	
32 39 27 00-0018	EA	6" x 84", 1/4" Thick LDPE Bollard Cover, Fits 6" To 6-5/8" Pipe	184.83	14.93
		For Reflective Tape, Add	*10.36*	
32 39 27 00-0019	EA	7" x 56", 1/4" Thick LDPE Bollard Cover, Fits 6" To 6-5/8" Pipe	156.54	16.29
		For Reflective Tape, Add	*10.36*	
32 39 27 00-0020	EA	8" x 52", 1/4" Thick LDPE Bollard Cover, Fits 7" To 7-5/16" Pipe	169.59	16.29
		For Reflective Tape, Add	*10.36*	
32 39 27 00-0021	EA	8" x 69", 1/4" Thick LDPE Bollard Cover, Fits 8" To 8-5/8" Pipe	169.59	16.29
		For Reflective Tape, Add	*10.36*	
32 39 27 00-0022	EA	10" x 69", 1/4" Thick LDPE Bollard Cover, Fits 10" To 11" Pipe	228.35	16.29
		For Reflective Tape, Add	*10.36*	
32 39 29		**Manufactured Stone Bollards** *(32 39)*		
32 39 29 00-0001		**Stone Bollards** *(32 39 29)* See CSI section 32 31 13 13-0001 for augering and filling holes for bollards, 32 31 13 13-0018 for concrete fill.		
32 39 29 00-0002		**Granite Bollards** *(32 39 29 00-0001)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 39 29 00-0003	EA	16" x 16" x 30" Granite Bollard, Smooth Matt Finish	1,472.75	142.84
		Note: Surface mounted with anchors embedded into grout pockets.		
32 39 29 00-0004	EA	16" x 16" x 54" Granite Bollard, Smooth Matt Finish	1,867.61	199.98
		Note: Surface mounted with anchors embedded into grout pockets.		
32 39 29 00-0005	EA	12" x 12" x 24" Granite Bollard, Rough Finish, Pyramid Top	920.22	142.84
		Note: Surface mounted with anchors embedded into grout pockets.		
32 39 29 00-0006	EA	12" Diameter x 18" Granite Bollard, Smooth Matt Finish	1,350.87	114.27
		Note: Flat Top, surface mounted with anchors embedded into grout pockets.		
32 39 29 00-0007	EA	24" x 24" x 20" Granite Bollard, Octagonal Cross Section	2,009.16	114.27
		Note: Smooth matt finish, flat top, surface mounted with anchors embedded into grout pockets.		

32 80 Irrigation *(32)*

32 84 Planting Irrigation *(32 80)*

32 84 13 Drip Irrigation *(32 84)*

32 84 13 00-0001 Drip Emitter Irrigation Devices *(32 84 13)*

32 84 13 00-0002 Drip Emitter Irrigation Valves *(32 84 13 00-0001)*

32 84 13 00-0003	EA	1/2" Air/Vacuum Relief Valve For Drip Emitter Irrigation Systems (Rain Bird® ARV050)	50.96	11.51
32 84 13 00-0004	EA	1", Low Flow Remote Control Valve For Drip Emitter Irrigation Systems (Rain Bird® LFV100)	85.81	11.51
32 84 13 00-0005	EA	3/4", Anti-Siphon, Low Flow Remote Control Valve For Drip Emitter Irrigation Systems (Rain Bird® LFV075)	83.38	11.51
32 84 13 00-0006	EA	3/4", Latching Solenoid, Low Flow Remote Control Valve For Drip Emitter Irrigation Systems (Rain Bird® LFV075TBOS)	116.12	11.51

32 84 13 00-0007 Drip Emitter Irrigation Filters *(32 84 13 00-0001)*

32 84 13 00-0008	EA	3/4" Inlet/Outlet, Inline Basket Filter For Drip Emitter Irrigation Systems (Rain Bird® QKCHK-075)	185.32	11.51
32 84 13 00-0009	EA	1" Inlet/Outlet, Inline Basket Filter For Drip Emitter Irrigation Systems (Rain Bird® QKCHK-100)	187.12	11.51
32 84 13 00-0010	EA	3/4" Inlet/Outlet, Inline Wye Filter For Drip Emitter Irrigation Systems (Rain Bird® RBY075MPTX)	66.18	11.51
32 84 13 00-0011	EA	1" Inlet/Outlet, Inline Wye Filter For Drip Emitter Irrigation Systems (Rain Bird® RBY100MPTX)	67.62	11.51
32 84 13 00-0012	EA	1" Inlet/Outlet, Pressure Regulating, Inline Basket Filter For Drip Emitter Irrigation Systems (Rain Bird® PRB-QCHK-100)	202.09	11.51
32 84 13 00-0013	EA	3/4" Inlet/Outlet, Pressure Regulating, Inline RBY Filter For Drip Emitter Irrigation Systems (Rain Bird® PRF075RBY)	87.85	11.51
32 84 13 00-0014	EA	1" Inlet/Outlet, Pressure Regulating, Inline RBY Filter For Drip Emitter Irrigation Systems (Rain Bird® PRF100RBY)	99.14	11.51

32 84 13 00-0015 Drip Emitter Irrigation Pressure Regulators *(32 84 13 00-0001)*

32 84 13 00-0016	EA	3/4", 6 To 300 GPH, 30 PSI, Inline Pressure Regulator For Drip Emitter Irrigation Systems (Rain Bird® PSI-L30X-075)	64.72	11.51
32 84 13 00-0017	EA	3/4", 120 To 600 GPH, 30 PSI, Inline Pressure Regulator For Drip Emitter Irrigation Systems (Rain Bird® PSI-M30X-075)	64.72	11.51
32 84 13 00-0018	EA	3/4", 120 To 600 GPH, 40 PSI, Inline Pressure Regulator For Drip Emitter Irrigation Systems (Rain Bird® PSI-M40X-075)	64.72	11.51
32 84 13 00-0019	EA	1", 120 To 900 GPH, 40 PSI, Inline Pressure Regulator For Drip Emitter Irrigation Systems (Rain Bird® PSI-M40X-100)	76.58	11.51

32 84 13 00-0020 Drip Emitter Irrigation Tubing *(32 84 13 00-0001)*

Note: Includes surface installation and covering of tubing with existing pine straw, pine bark etc.

32 84 13 00-0021	LF	1/4", Landscape Dripline With Extruded Non-Pressure Compensating Drip Emitters (Rain Bird® LDQ0806100)	4.56	1.61
32 84 13 00-0022	LF	1/2", Landscape Dripline With Extruded Pressure Compensating Drip Emitters (Rain Bird® XFD0612100)	4.04	1.84
32 84 13 00-0023	LF	1/4", UV-Resistant, Polyethylene, Distribution Tubing For Drip Emitter Irrigation Systems (Rain Bird® XQ100)	3.42	1.61
		For Shallow Trenching And Backfill By Hand, Add	*6.60*	
32 84 13 00-0024	LF	1/2", UV-Resistant, Polyethylene, Distribution Tubing For Drip Emitter Irrigation Systems (Rain Bird® XT700100)	4.14	1.84
		For Shallow Trenching And Backfill By Hand, Add	*7.16*	

32 84 13 00-0025 Drip Emitter Irrigation Fittings *(32 84 13 00-0001)*

32 84 13 00-0026	EA	1/4", Barbed Coupling For Irrigation Tubing (Rain Bird® XBF1CONN)	3.10	
32 84 13 00-0027	EA	1/4", Barbed Elbow For Irrigation Tubing (Rain Bird® XBF2EL)	3.14	
32 84 13 00-0028	EA	1/4", Barbed Tee For Irrigation Tubing (Rain Bird® XBF3TEE)	3.20	
32 84 13 00-0029	EA	1/4", Self Piercing Barbed Coupling For Irrigation Tubing (Rain Bird® SPB025)	3.42	
32 84 13 00-0030	EA	1/4", Plug For Irrigation Tubing (Rain Bird® EMAGPX)	3.06	
32 84 13 00-0031	EA	17mm, Barbed Coupling For Irrigation Tubing (Rain Bird® XFFCOUP)	3.31	
		For Compression Fitting, Add	*0.43*	
32 84 13 00-0032	EA	17mm, Barbed Elbow For Irrigation Tubing (Rain Bird® XFF-ELBOW)	3.43	
		For Compression Fitting, Add	*0.55*	
32 84 13 00-0033	EA	17mm, Barbed Tee For Irrigation Tubing (Rain Bird® XFF-TEE)	3.49	
		For Compression Fitting, Add	*0.61*	
32 84 13 00-0034	EA	17mm, Barbed Male Adapter For Irrigation Tubing (Rain Bird® XFFMA050)	3.53	
		For Compression Fitting, Add	*0.65*	
32 84 13 00-0035	EA	17mm, Barbed Cross For Irrigation Tubing (Rain Bird® XFDCROSS)	3.79	
		For Compression Fitting, Add	*0.91*	
32 84 13 00-0036	EA	1/2", Plug For Irrigation Tubing (Rain Bird® MDCFCAP)	4.08	
32 84 13 00-0037	EA	12 Gauge, Galvanized Stake For Irrigation Tubing (Rain Bird® TDS050BEND)	2.01	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 84 13 00-0038		**Drip Emitters** *(32 84 13 00-0001)*		
32 84 13 00-0039	EA	0.5 To 2 GPH, Single Outlet, Pressure Compensating Emitter For Drip Emitter Irrigation Systems (Rain Bird® XB20PC)	6.41	
32 84 13 00-0040	EA	5 To 24 GPH, Single Outlet, Pressure Compensating Emitter For Drip Emitter Irrigation Systems (Rain Bird® PC24)	7.56	
32 84 13 00-0041	EA	0.5 To 2 GPH, Six Outlet, Pressure Compensating Emitter For Drip Emitter Irrigation Systems (Rain Bird® XB056)	16.78	
32 84 13 00-0042		**Drip Emitter Irrigation Micro-Bubblers, Sprays And Misters** *(32 84 13 00-0001)*		
32 84 13 00-0043	EA	Adjustable Stream Bubbler With Spike For Drip Emitter Irrigation Systems (Rain Bird® SXB360SPYK)	24.79	10.35
32 84 13 00-0044	EA	Adjustable Micro Spray With Spike For Drip Emitter Irrigation Systems (Rain Bird® XS360TSPYK)	24.85	10.35
32 84 13 00-0045	EA	12" Height, Riser Assembly With Pressure Compensating Nozzle For Drip Emitter Irrigation Systems (Rain Bird® SQADP12 With SQFUL)	28.04	10.35
32 84 13 00-0046	EA	24" Height, Riser Assembly With Pressure Compensating Nozzle For Drip Emitter Irrigation Systems (Rain Bird® SQADP24 With SQFUL)	28.38	10.35
32 84 13 00-0047	EA	4" Pop-Up Height, Micro Spray Pop-Ups For Drip Emitter Irrigation Systems (Rain Bird® XP-400X With SQFUL) Note: Includes nozzle.	41.98	13.57
32 84 13 00-0048	EA	6" Pop-Up Height, Micro Spray Pop-Ups For Drip Emitter Irrigation Systems (Rain Bird® XP-600X With SQFUL) Note: Includes nozzle.	46.08	13.57
32 84 13 00-0049	EA	12" Pop-Up Height, Micro Spray Pop-Ups For Drip Emitter Irrigation Systems (Rain Bird® XP1200X With SQFUL) Note: Includes nozzle.	48.99	13.57
32 84 13 00-0050		**Subsurface Drip Emitter Irrigation Tubing (Rain Bird® XFS)** *(32 84 13 00-0001)* Note: Brown or purple tubing. Includes layout, trenching 4" to 6", installing tubing and backfilling trench.		
32 84 13 00-0051	LF	0.536" ID, 0.634" OD, Subsurface Drip Emitter Irrigation Tubing (Rain Bird® XFS Copper Shield)	4.64	2.01
32 84 23		**Underground Sprinklers** *(32 84)*		
32 84 23 00-0001		**Sprinkler Heads** *(32 84 23)*		
32 84 23 00-0002		**Spray Sprinkler Heads** *(32 84 23 00-0001)* Note: Includes plastic riser and case. Includes spray, variable arc or bubbler nozzle with partial or full circle coverage.		
32 84 23 00-0003	EA	2" Pop-Up Height, Spray Sprinkler Head (Rain Bird® 1802P)	36.67	12.71
		For Rotary Nozzle, Add	*3.25*	
32 84 23 00-0004	EA	4" Pop-Up Height, Spray Sprinkler Head (Rain Bird® 1804P)	34.33	12.71
		For Rotary Nozzle, Add	*3.25*	
32 84 23 00-0005	EA	6" Pop-Up Height, Spray Sprinkler Head (Rain Bird® 1806P)	42.96	12.71
		For Rotary Nozzle, Add	*3.25*	
32 84 23 00-0006	EA	12" Pop-Up Height, Spray Sprinkler Head (Rain Bird® 1812P)	50.18	12.71
		For Rotary Nozzle, Add	*3.25*	
32 84 23 00-0007	EA	4" Pop-Up Height, Spray Sprinkler Head With Check Valve (Rain Bird® 1804-SAM)	37.58	12.71
		For Rotary Nozzle, Add	*3.25*	
32 84 23 00-0008	EA	6" Pop-Up Height, Spray Sprinkler Head With Check Valve (Rain Bird® 1806-SAM)	49.72	12.71
		For Rotary Nozzle, Add	*3.25*	
32 84 23 00-0009	EA	12" Pop-Up Height, Spray Sprinkler Head With Check Valve (Rain Bird® 1812-SAM)	55.57	12.71
		For Rotary Nozzle, Add	*3.25*	
32 84 23 00-0010	EA	4" Pop-Up Height, Spray Sprinkler Head With Pressure Regulator (Rain Bird® 1804-PRS)	41.04	12.71
		For Rotary Nozzle, Add	*3.25*	
32 84 23 00-0011	EA	6" Pop-Up Height, Spray Sprinkler Head With Pressure Regulator (Rain Bird® 1806-PRS)	52.11	12.71
		For Rotary Nozzle, Add	*3.25*	
32 84 23 00-0012	EA	12" Pop-Up Height, Spray Sprinkler Head With Pressure Regulator (Rain Bird® 1812-PRS)	57.56	12.71
		For Rotary Nozzle, Add	*3.25*	
32 84 23 00-0013	EA	4" Pop-Up Height, Spray Sprinkler Head With Check Valve And Pressure Regulator (Rain Bird® 1804-SAM-PRS)	42.42	12.71
		For Rotary Nozzle, Add	*3.25*	
32 84 23 00-0014	EA	6" Pop-Up Height, Spray Sprinkler Head With Check Valve And Pressure Regulator (Rain Bird® 1806-SAM-PRS)	59.41	12.71
		For Rotary Nozzle, Add	*3.25*	
32 84 23 00-0015	EA	12" Pop-Up Height, Spray Sprinkler Head With Check Valve And Pressure Regulator (Rain Bird® 1812-SAM-PRS)	64.79	12.71
		For Rotary Nozzle, Add	*3.25*	
32 84 23 00-0016	EA	Bubbler Head With Screen, 1/2" NPT (Rain Bird® 1300)	29.80	12.71
		For Rotary Nozzle, Add	*3.25*	
32 84 23 00-0017	EA	Pressure Compensating Bubbler With Screen, 1/2" NPT (Rain Bird® 1400)	35.20	12.71
32 84 23 00-0018		**Gear-Drive, Rotary Sprinkler Heads** *(32 84 23 00-0001)* Note: Maximum spacing is equivalent to maximum radius.		
32 84 23 00-0019		**1/2" Inlet, Up To 35' Spacing, Gear-Drive, Rotary Sprinkler Heads** *(32 84 23 00-0018)* Note: Includes plastic riser and case, standard rubber cover and nozzle with partial or full circle coverage.		
32 84 23 00-0020	EA	4" Pop-Up Height, 1/2" Inlet, Up To 35' Spacing, Gear-Drive, Rotary Sprinkler Head (Rain Bird® 3504PC)	53.72	12.71
		For Non-Potable Cover, Add	*2.00*	
32 84 23 00-0021	EA	4" Pop-Up Height, 1/2" Inlet, Up To 35' Spacing, Gear-Drive, Rotary Sprinkler Head With Check Valve (Rain Bird® 3504-PC-SAM)	55.64	12.71
		For Non-Potable Cover, Add	*2.00*	
32 84 23 00-0022		**3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Heads** *(32 84 23 00-0018)* Note: Includes plastic riser and case, standard rubber cover and nozzle with partial or full circle coverage.		

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32 84 23 00-0023	EA	4" Pop-Up Height, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head (Rain Bird® 5004-PLPC)	49.11	12.71
		For Non-Potable Cover, Add	*2.00*	
		For Stainless Steel Riser, Add	*9.00*	
32 84 23 00-0024	EA	6" Pop-Up Height, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head (Rain Bird® 5006-PLPC)	69.86	12.71
		For Non-Potable Cover, Add	*2.00*	
		For Stainless Steel Riser, Add	*9.00*	
32 84 23 00-0025	EA	4" Pop-Up Height, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head With Check Valve (Rain Bird® 5004-PLPCS)	52.95	12.71
		For Non-Potable Cover, Add	*2.00*	
		For Stainless Steel Riser, Add	*9.00*	
32 84 23 00-0026	EA	6" Pop-Up Height, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head With Check Valve (Rain Bird® 5006-PLPCS)	72.94	12.71
		For Non-Potable Cover, Add	*2.00*	
		For Stainless Steel Riser, Add	*9.00*	
32 84 23 00-0027	EA	4" Pop-Up Height, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head With Pressure Regulator (Rain Bird® 5004+PCR)	54.49	12.71
		For Non-Potable Cover, Add	*2.00*	
		For Stainless Steel Riser, Add	*9.00*	
32 84 23 00-0028	EA	4" Pop-Up Height, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head With Check Valve And Pressure Regulator (Rain Bird® 5004+FCSR)	57.56	12.71
		For Non-Potable Cover, Add	*2.00*	
		For Stainless Steel Riser, Add	*9.00*	
32 84 23 00-0029	EA	6" Pop-Up Height, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head With Check Valve And Pressure Regulator (Rain Bird® 5006+PCSR)	77.55	12.71
		For Non-Potable Cover, Add	*2.00*	
		For Stainless Steel Riser, Add	*9.00*	
32 84 23 00-0030	EA	12" Pop-Up Height, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head With Check Valve And Pressure Regulator (Rain Bird® 5012+PCSR)	89.85	12.71
		For Non-Potable Cover, Add	*2.00*	
		For Stainless Steel Riser, Add	*9.00*	
32 84 23 00-0031	EA	Shrub Type, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head With Check Valve (Rain Bird® 5000S-PLPCS)	57.18	12.71
		For Non-Potable Cover, Add	*2.00*	
32 84 23 00-0032	EA	Shrub Type, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head With Check Valve And Pressure Regulator (Rain Bird® 5000S+PCSR)	69.48	12.71
		For Non-Potable Cover, Add	*2.00*	
32 84 23 00-0033		**1" Inlet, Up To 65' Spacing, Gear-Drive, Rotary Sprinkler Heads** *(32 84 23 00-0018)* Note: Includes plastic riser and case, standard rubber cover, check valve and nozzle with partial or full circle coverage.		
32 84 23 00-0034	EA	4" Pop-Up Height, 1" Inlet, Up To 65' Spacing, Gear-Drive, Rotary Sprinkler Head (Rain Bird® F4PC)	98.69	12.71
		For Non-Potable Cover, Add	*2.00*	
		For Stainless Steel Riser, Add	*9.00*	
		For Stainless Steel Riser And High Speed Rotor, Add	*56.58*	
32 84 23 00-0035		**1" Inlet, Up To 80' Spacing, Gear-Drive, Rotary Sprinkler Heads** *(32 84 23 00-0018)* Note: Includes plastic riser and case, standard rubber cover, check valve and nozzle with partial or full circle coverage.		
32 84 23 00-0036	EA	5" Pop-Up Height, 1" Inlet, Up To 80' Spacing, Gear-Drive, Rotary Sprinkler Head (Rain Bird® 8005)	143.27	12.71
		For Non-Potable Cover, Add	*2.00*	
		For Stainless Steel Riser, Add	*9.00*	
32 84 23 00-0037		**Impact-Drive Sprinkler Heads** *(32 84 23 00-0001)* Note: Includes partial or full circle coverage. Maximum spacing is equivalent to maximum radius.		
32 84 23 00-0038	EA	1/2" Inlet, Up To 45' Spacing, Pop-Up, Impact-Drive Rotary Sprinkler Head (Rain Bird® 2045A-08)	77.17	12.71
		For Non-Potable Cover, Add	*2.00*	
32 84 23 00-0039	EA	1/2" Inlet, Up To 45' Spacing, Riser Mounted, Plastic Body, Impact-Drive Sprinkler Head (Rain Bird® 2045-PJ08)	58.72	12.71
32 84 23 00-0040	EA	3/4" Inlet, Up To 51' Spacing, Riser Mounted, Brass/Bronze Body, Impact-Drive Sprinkler Head (Rain Bird® 35A-ADJ-TNTB)	120.18	12.71
32 84 23 00-0041		**Electric Remote Control Irrigation Valves** *(32 84 23)*		
32 84 23 00-0042		**0.2 To 22 GPM, Plastic, Electric Remote Control Irrigation Valves (Rain Bird® DV Series)** *(32 84 23 00-0041)* Note: 15 to 150 PSI.		
32 84 23 00-0043	EA	3/4", 0.2 To 22 GPM, Plastic, Electric Remote Control Irrigation Valve (Rain Bird® 75DV)	154.63	52.98
32 84 23 00-0044	EA	1", 0.2 To 40 GPM, Plastic, Electric Remote Control Irrigation Valve (Rain Bird® 100DV)	154.63	52.98
32 84 23 00-0045	EA	1", 0.2 To 22 GPM, Plastic, Electric Remote Control Irrigation Angle Valve (Rain Bird® 100DVA)	156.16	52.98
32 84 23 00-0046		**0.2 To 22 GPM, Plastic, Electric Remote Control Irrigation Valves With Flow Control (Rain Bird® DVF Series)** *(32 84 23 00-0041)* Note: 15 to 150 PSI.		
32 84 23 00-0047	EA	1", 0.2 To 40 GPM, Plastic, Electric Remote Control Irrigation Valve With Flow Control (Rain Bird® 100DVF)	156.16	52.98
32 84 23 00-0048		**0.25 To 200 GPM, Plastic, Electric Remote Control Irrigation Valves (Rain Bird® PEB Series)** *(32 84 23 00-0041)* Note: 20 to 200 PSI.		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 84 23 00-0049	EA	1", 0.25 To 200 GPM, Plastic, Electric Remote Control Irrigation Valve (Rain Bird® 100PEB)	279.15	52.98
32 84 23 00-0050	EA	1-1/2", 0.25 To 200 GPM, Plastic, Electric Remote Control Irrigation Valve (Rain Bird® 150PEB)	332.96	52.98
32 84 23 00-0051	EA	2", 0.25 To 200 GPM, Plastic, Electric Remote Control Irrigation Valve (Rain Bird® 200PEB)	402.14	52.98
32 84 23 00-0052		5 To 200 GPM, Plastic, Electric Remote Control Irrigation Valves With Pressure Regulator (Rain Bird® PEB PRS-D Series) *(32 84 23 00-0041)*		
		Note: 20 to 200 PSI operating range pressure and 15 to 100 PSI pressure regulation.		
32 84 23 00-0053	EA	1", 5 To 200 GPM, Plastic, Electric Remote Control Irrigation Valve With Pressure Regulator (Rain Bird® 100PEB PRS-D)	409.17	59.55
32 84 23 00-0054	EA	1-1/2", 5 To 200 GPM, Plastic, Electric Remote Control Irrigation Valve With Pressure Regulator (Rain Bird® 150PEB PRS-D)	462.98	59.55
32 84 23 00-0055	EA	2", 5 To 200 GPM, Plastic, Electric Remote Control Irrigation Valve With Pressure Regulator (Rain Bird® 200PEB PRS-D)	532.16	59.55
32 84 23 00-0056		20 To 200 GPM, Plastic, Electric Remote Control Irrigation Valves With Pressure Regulator And Scrubber Valve (Rain Bird® PESB PRS-D Series) *(32 84 23 00-0041)*		
		Note: 20 to 200 PSI operating range pressure and 15 to 100 PSI pressure regulation.		
32 84 23 00-0057	EA	1", 5 To 200 GPM, Plastic, Electric Remote Control Irrigation Valve With Pressure Regulator And Scrubber Valve (Rain Bird® 100PESB PRS-D)	486.04	59.55
32 84 23 00-0058	EA	1-1/2", 5 To 200 GPM, Plastic, Electric Remote Control Irrigation Valve With Pressure Regulator And Scrubber Valve (Rain Bird® 150PESB PRS-D)	539.85	59.55
32 84 23 00-0059	EA	2", 5 To 200 GPM, Plastic, Electric Remote Control Irrigation Valve With Pressure Regulator And Scrubber Valve (Rain Bird® 200PESB PRS-D)	609.03	59.55
32 84 23 00-0060		0.1 To 300 GPM, Brass, Electric Remote Control Irrigation Valves (Hunter IBV Series) *(32 84 23 00-0041)*		
		Note: 20 to 200 PSI operating range pressure.		
32 84 23 00-0061	EA	1", 0.1 To 300 GPM, Brass, Electric Remote Control Irrigation Valve (Hunter IBV-101G-B)	432.19	52.98
32 84 23 00-0062	EA	1-1/2", 0.1 To 300 GPM, Brass, Electric Remote Control Irrigation Valve (Hunter IBV-151G-B)	679.57	52.98
32 84 23 00-0063	EA	2", 0.1 To 300 GPM, Brass, Electric Remote Control Irrigation Valve (Hunter IBV-201G-B)	701.93	52.98
32 84 23 00-0064	EA	3", 0.1 To 300 GPM, Brass, Electric Remote Control Irrigation Valve (Hunter IBV-301G-B)	1,682.31	71.52
32 84 23 00-0065		5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valves (Rain Bird® EFB-CP Series) *(32 84 23 00-0041)*		
		Note: 15 to 200 PSI operating range pressure and 15 to 100 PSI pressure regulation.		
32 84 23 00-0066	EA	1", 5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve (Rain Bird® 100EFB-CP)	392.49	59.55
32 84 23 00-0067	EA	1-1/4", 5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve (Rain Bird® 125EFB-CP)	466.06	59.55
32 84 23 00-0068	EA	1-1/2", 5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve (Rain Bird® 150EFB-CP)	545.92	59.55
32 84 23 00-0069	EA	2", 5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve (Rain Bird® 200EFB-CP)	651.08	59.55
32 84 23 00-0070		0.1 To 300 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valves (Hunter IBV FS Series) *(32 84 23 00-0041)*		
		Note: 20 to 200 PSI operating range pressure and 20 to 100 PSI pressure regulation.		
32 84 23 00-0071	EA	1", 0.1 To 300 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve (Hunter IBV-101G-B-FS)	530.77	59.55
32 84 23 00-0072	EA	1-1/2", 0.1 To 300 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve (Hunter IBV-151G-B-FS)	824.26	59.55
32 84 23 00-0073	EA	2", 0.1 To 300 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve (Hunter IBV-201G-B-FS)	849.42	59.55
32 84 23 00-0074	EA	3", 0.1 To 300 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve (Hunter IBV-301G-B-FS)	1,808.17	59.55
32 84 23 00-0075		0.1 To 300 GPM, Brass, Electric Remote Control Irrigation Valves With Pressure Regulator (Hunter IBV ACCU-SYNC Series) *(32 84 23 00-0041)*		
		Note: 20 to 200 PSI operating range pressure and 20 to 100 PSI pressure regulation.		
32 84 23 00-0076	EA	1", 0.1 To 300 GPM, Brass, Electric Remote Control Irrigation Valves With Pressure Regulator (Hunter IBV-101G-B ACCU-SYNC-ADJ)	544.00	52.98
32 84 23 00-0077	EA	1-1/2", 0.1 To 300 GPM, Brass, Electric Remote Control Irrigation Valves With Pressure Regulator (Hunter IBV-151G-B ACCU-SYNC-ADJ)	791.37	52.98
32 84 23 00-0078	EA	2", 0.1 To 300 GPM, Brass, Electric Remote Control Irrigation Valves With Pressure Regulator (Hunter IBV-201G-B ACCU-SYNC-ADJ)	813.73	52.98
32 84 23 00-0079	EA	3", 0.1 To 300 GPM, Brass, Electric Remote Control Irrigation Valves With Pressure Regulator (Hunter IBV-301G-B ACCU-SYNC-ADJ)	1,794.12	71.52
32 84 23 00-0080		5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valves With Pressure Regulator (Rain Bird® EFB-CP PRS-D Series) *(32 84 23 00-0041)*		
		Note: 15 to 200 PSI operating range pressure and 15 to 100 PSI pressure regulation.		
32 84 23 00-0081	EA	1", 5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve With Pressure Regulator (Rain Bird® 100EFB-CP PRS-D)	507.80	59.55

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32 84 23 00-0082	EA	1-1/4", 5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve With Pressure Regulator (Rain Bird® 125EFB-CP PRS-D)	581.36	59.55
32 84 23 00-0083	EA	1-1/2", 5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve With Pressure Regulator (Rain Bird® 150EFB-CP PRS-D)	661.23	59.55
32 84 23 00-0084	EA	2", 5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve With Pressure Regulator (Rain Bird® 200EFB-CP PRS-D)	766.38	59.55
32 84 23 00-0085		0.1 To 300 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valves With Pressure Regulator (Hunter IBV FS ACCU-SYNC Series) *(32 84 23 00-0041)*		
		Note: 20 to 200 PSI operating range pressure and 20 to 100 PSI pressure regulation.		
32 84 23 00-0086	EA	1", 0.1 To 300 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve With Pressure Regulator (Hunter IBV-101G-B-FS ACCU-SYNC-ADJ)	642.57	59.55
32 84 23 00-0087	EA	1-1/2", 0.1 To 300 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve With Pressure Regulator (Hunter IBV-151G-B-FS ACCU-SYNC-ADJ)	936.07	59.55
32 84 23 00-0088	EA	2", 0.1 To 300 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve With Pressure Regulator (Hunter IBV-201G-B-FS ACCU-SYNC-ADJ)	961.23	59.55
32 84 23 00-0089	EA	3", 0.1 To 300 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve With Pressure Regulator (Hunter IBV-301G-B-FS ACCU-SYNC-ADJ)	1,919.98	59.55
32 84 23 00-0090		Irrigation Valve Boxes *(32 84 23)*		
		Note: Includes lid.		
32 84 23 00-0091	EA	6" Round Irrigation Valve Box With Lid (Rain Bird® PVB-6RND)	90.77	38.14
32 84 23 00-0092	EA	7" Round Irrigation Valve Box With Lid (Rain Bird® VB-7RND)	108.93	38.14
32 84 23 00-0093	EA	10" Round Irrigation Valve Box With Lid (Rain Bird® VB-10RND)	142.82	50.22
32 84 23 00-0094	EA	21.8" x 16.6" x 12" Depth, Rectangular Irrigation Valve Box With Lid (Rain Bird® VB-STD)	237.56	73.32
32 84 23 00-0095	EA	21.8" x 16.6" x 12" Depth, Rectangular Irrigation Valve Box With Lock (Rain Bird® VB-STDH)	242.73	73.32
32 84 23 00-0096	EA	26.3" x 19.8" x 12.1" Depth, Rectangular Irrigation Valve Box With Lid (Rain Bird® VB-JMB)	279.78	73.32
32 84 23 00-0097	EA	26.3" x 19.8" x 12.1" Depth, Rectangular Irrigation Valve Box With Lock (Rain Bird® VB-JMBH)	284.19	73.32
32 84 23 00-0098	EA	33.1" x 23.8" x 15" Depth, Rectangular Irrigation Valve Box With Lock (Rain Bird® VB-SPRH)	495.93	73.32
32 84 23 00-0099	EA	40.3" x 27.1" x 18" Depth, Rectangular Irrigation Valve Box With Lock (Rain Bird® VB-MAXH)	770.18	73.32
32 84 23 00-0100		Irrigation Controllers *(32 84 23)*		
		See CSI section 27 15 13 00-0256 for low voltage wiring.		
32 84 23 00-0101		Irrigation Controllers *(32 84 23 00-0100)*		
32 84 23 00-0102		Irrigation Controllers (Rain Bird®) *(32 84 23 00-0101)*		
32 84 23 00-0103		Four Program, Indoor Mount, Modular Irrigation Controllers (Rain Bird® ESP Series) *(32 84 23 00-0102)*		
32 84 23 00-0104		Four Program, Modular Irrigation Controllers (Rain Bird® ESP-ME Series) *(32 84 23 00-0103)*		
32 84 23 00-0105		Four Program, Indoor Mount, Modular Irrigation Controllers (Rain Bird® ESP-MEI Series) *(32 84 23 00-0104)*		
32 84 23 00-0106	EA	4-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-MEI Series)	457.32	42.31
32 84 23 00-0107	EA	7-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-MEI Series)	638.73	42.31
32 84 23 00-0108	EA	10-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-MEI Series)	820.16	42.31
32 84 23 00-0109	EA	13-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-MEI Series)	1,001.59	42.31
32 84 23 00-0110	EA	16-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-MEI Series)	1,140.70	42.31
32 84 23 00-0111	EA	19-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-MEI Series)	1,327.42	42.31
32 84 23 00-0112	EA	22-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-MEI Series)	1,514.14	42.31
32 84 23 00-0113		Four Program, Outdoor Mount, Modular Irrigation Controllers (Rain Bird® ESP-ME Series) *(32 84 23 00-0104)*		
32 84 23 00-0114	EA	4-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-ME Series)	535.95	42.31
32 84 23 00-0115	EA	7-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-ME Series)	717.36	42.31
32 84 23 00-0116	EA	10-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-ME Series)	898.79	42.31
32 84 23 00-0117	EA	13-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-ME Series)	1,080.22	42.31
32 84 23 00-0118	EA	16-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-ME Series)	1,219.33	42.31
32 84 23 00-0119	EA	19-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-ME Series)	1,406.05	42.31
32 84 23 00-0120	EA	22-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-ME Series)	1,592.77	42.31
32 84 23 00-0121		Four Program, Modular Irrigation Controllers (Rain Bird® ESP-SMTE Series) *(32 84 23 00-0103)*		
32 84 23 00-0122		Four Program, Indoor Mount, Modular Irrigation Controllers (Rain Bird® ESP-SMTEI Series) *(32 84 23 00-0121)*		
32 84 23 00-0123	EA	4-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTEI Series)	730.45	42.31
32 84 23 00-0124	EA	7-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTEI Series)	911.86	42.31
32 84 23 00-0125	EA	10-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTEI Series)	1,093.30	42.31
32 84 23 00-0126	EA	13-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTEI Series)	1,274.72	42.31
32 84 23 00-0127	EA	16-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTEI Series)	1,413.84	42.31
32 84 23 00-0128	EA	19-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTEI Series)	1,600.56	42.31
32 84 23 00-0129	EA	22-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTEI Series)	1,787.27	42.31

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 84 23 00-0130		**Four Program, Outdoor Mount, Modular Irrigation Controllers (Rain Bird® ESP-SMTE Series)** *(32 84 23 00-0121)*		
32 84 23 00-0131	EA	4-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTE Series)	789.37	42.31
32 84 23 00-0132	EA	7-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTE Series)	970.78	42.31
32 84 23 00-0133	EA	10-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTE Series)	1,152.22	42.31
32 84 23 00-0134	EA	13-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTE Series)	1,333.64	42.31
32 84 23 00-0135	EA	16-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTE Series)	1,472.75	42.31
32 84 23 00-0136	EA	19-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTE Series)	1,659.48	42.31
32 84 23 00-0137	EA	22-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTE Series)	1,846.19	42.31
32 84 23 00-0138		**Accessories For ESP-ME/MEI Irrigation Controllers** *(32 84 23 00-0103)*		
32 84 23 00-0139	EA	3-Station Expansion Module For ESP Series Irrigation Controllers (Rain Bird® ESP-SM3) Note: Use task for increasing capacity of existing ESP series irrigation controllers up to a maximum of 22-stations.	186.71	
32 84 23 00-0140	EA	6-Station Expansion Module For ESP Series Irrigation Controllers (Rain Bird® ESP-SM6) Note: Use task for increasing capacity of existing ESP series irrigation controllers up to a maximum of 22-stations.	357.03	
32 84 23 00-0141	EA	Smart Controller Upgrade Kit For ESP Series Irrigation Controllers (Rain Bird® ESPSMTEUPG)	506.85	
32 84 23 00-0142		**Four Program, Indoor/Outdoor Mount, Modular Irrigation Controllers (Rain Bird® ESP-LX Series)** *(32 84 23 00-0102)*		
32 84 23 00-0143		**Four Program, Indoor/Outdoor Mount, Modular Irrigation Controllers (Rain Bird® ESP-LX Basic Series)** *(32 84 23 00-0142)*		
32 84 23 00-0144	EA	12-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LX Basic Series)	1,085.18	42.31
32 84 23 00-0145	EA	16-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LX Basic Series)	1,313.83	42.31
32 84 23 00-0146	EA	20-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LX Basic Series)	1,546.31	42.31
32 84 23 00-0147	EA	24-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LX Basic Series)	1,774.96	42.31
32 84 23 00-0148	EA	28-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LX Basic Series)	2,007.43	42.31
32 84 23 00-0149	EA	32-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LX Basic Series)	2,236.09	42.31
32 84 23 00-0150	EA	36-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LX Basic Series)	2,468.55	42.31
32 84 23 00-0151	EA	40-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LX Basic Series)	2,697.21	42.31
32 84 23 00-0152	EA	44-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LX Basic Series)	2,929.68	42.31
32 84 23 00-0153	EA	48-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LX Basic Series)	3,158.34	42.31
32 84 23 00-0154		**Four Program, Indoor/Outdoor Mount, Modular Irrigation Controllers (Rain Bird® ESP-LXME Series)** *(32 84 23 00-0142)*		
32 84 23 00-0155	EA	8-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LXME Series)	1,085.34	42.31
32 84 23 00-0156	EA	12-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LXME Series)	1,313.98	42.31
32 84 23 00-0157	EA	16-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LXME Series)	1,546.45	42.31
32 84 23 00-0158	EA	20-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LXME Series)	1,775.11	42.31
32 84 23 00-0159	EA	24-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LXME Series)	2,007.58	42.31
32 84 23 00-0160	EA	28-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LXME Series)	2,236.24	42.31
32 84 23 00-0161	EA	32-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LXME Series)	2,468.71	42.31
32 84 23 00-0162	EA	36-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LXME Series)	2,697.36	42.31
32 84 23 00-0163	EA	40-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LXME Series)	2,929.83	42.31
32 84 23 00-0164	EA	44-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LXME Series)	3,158.49	42.31
32 84 23 00-0165	EA	48-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LXME Series)	3,390.96	42.31
32 84 23 00-0166		**Accessories For ESP-LX/LXME Irrigation Controllers** *(32 84 23 00-0142)*		
32 84 23 00-0167	EA	Powder Coated Steel Wall Cabinet For ESP-LX/LXME Irrigation Controllers (Rain Bird® LXMM)	801.70	
32 84 23 00-0168	EA	Powder Coated Steel Cabinet And Pedestal For ESP-LX/LXME Irrigation Controllers (Rain Bird® LXMMPED + LXMM) Note: Excludes concrete foundation.	1,860.82	
32 84 23 00-0169	EA	Stainless Steel Wall Cabinet For ESP-LX/LXME Irrigation Controllers (Rain Bird® LXMMSS)	1,764.58	
32 84 23 00-0170	EA	Stainless Steel Cabinet And Pedestal For ESP-LX/LXME Irrigation Controllers (Rain Bird® LXMMSSPED + LXMMSS) Note: Excludes concrete foundation.	3,920.05	
32 84 23 00-0171	EA	4-Station Expansion Module For ESP-LX/LXME Irrigation Controllers (Rain Bird® ESPLXMSM4) Note: Use task for increasing capacity of existing ESP-LX/LXME irrigation controllers up to a maximum of 48-stations.	228.65	
32 84 23 00-0172	EA	8-Station Expansion Module For ESP-LX/LXME Irrigation Controllers (Rain Bird® ESPLXMSM8) Note: Use task for increasing capacity of existing ESP-LX/LXME irrigation controllers up to a maximum of 48-stations.	461.13	
32 84 23 00-0173	EA	12-Station Expansion Module For ESP-LX/LXME Irrigation Controllers (Rain Bird® ESPLXMSM12) Note: Use task for increasing capacity of existing ESP-LX/LXME irrigation controllers up to a maximum of 48-stations.	716.00	
32 84 23 00-0174	EA	Flow Smart Water Management Module For ESP-LXME Irrigation Controllers (Rain Bird® FSM-LXME)	265.75	
32 84 23 00-0175		**Three Program, Battery-Operated, Buriable Irrigation Control Modules (Rain Bird® TBOS-II Series)** *(32 84 23 00-0102)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 84 23 00-0176		Three Program, Battery-Operated, Buriable Irrigation Control Modules (Rain Bird® TBOS-II Series) *(32 84 23 00-0175)*		
32 84 23 00-0177	EA	1-Station, Three Program, Battery-Operated, Buriable Irrigation Control Module (Rain Bird® TBOS-II Series)	527.33	42.31
32 84 23 00-0178	EA	2-Station, Three Program, Battery-Operated, Buriable Irrigation Control Module (Rain Bird® TBOS-II Series)	636.36	42.31
32 84 23 00-0179	EA	4-Station, Three Program, Battery-Operated, Buriable Irrigation Control Module (Rain Bird® TBOS-II Series)	789.61	42.31
32 84 23 00-0180		Accessories For TBOS-II Series Irrigation Controllers *(32 84 23 00-0175)*		
32 84 23 00-0181	EA	Field Transmitter For TBOS-II Series Irrigation Controllers (Rain Bird® TBOS2FTUS)	667.34	
32 84 23 00-0182	EA	Potted Latching Solenoid For TBOS-II Series Irrigation Controllers (Rain Bird® TBOSPSOL)	132.96	31.72
32 84 23 00-0183		Accessories For Irrigation Controllers (Rain Bird®) *(32 84 23 00-0102)*		
32 84 23 00-0184	EA	Wired Rain Sensor For Irrigation Controllers (Rain Bird® RSDBEX)	189.84	31.72
32 84 23 00-0185	EA	Wireless Rain Sensor And Controller Interface For Irrigation Controllers (Rain Bird® WR2RC)	388.85	31.72
32 84 23 00-0186	EA	Wireless Rain/Freeze Sensor And Controller Interface For Irrigation Controllers (Rain Bird® WR2RFC)	411.73	31.72
32 84 23 00-0187	EA	Soil Moisture Sensor And Controller Interface For Irrigation Controllers (Rain Bird® SMRT-Y)	610.03	31.72
32 84 23 00-0188		Two-Wire Decoder Systems *(32 84 23 00-0100)*		
32 84 23 00-0189		Two-Wire Decoder Systems (Rain Bird®) *(32 84 23 00-0188)*		
32 84 23 00-0190		Controllers For Two-Wire Decoder Systems (Rain Bird® ESP-LXD Series) *(32 84 23 00-0189)*		
		Note: Includes water resistant cabinet.		
32 84 23 00-0191	EA	50-Station, Modular Controller For Two-Wire Decoder Systems (Rain Bird® ESP-LXD Series)	3,136.67	42.31
32 84 23 00-0192	EA	125-Station, Modular Controller For Two-Wire Decoder Systems (Rain Bird® ESP-LXD Series)	4,468.09	42.31
32 84 23 00-0193	EA	200-Station, Modular Controller For Two-Wire Decoder Systems (Rain Bird® ESP-LXD Series)	5,799.50	42.31
32 84 23 00-0194		Field Decoders For Two-Wire Decoder Systems (Rain Bird®) *(32 84 23 00-0189)*		
32 84 23 00-0195	EA	One Individual Valve Interface, Field Decoder For Two-Wire Decoder System (Rain Bird® FD101TURF)	384.45	42.31
32 84 23 00-0196	EA	One Pair Of Valves Interface, Field Decoder For Two-Wire Decoder System (Rain Bird® FD102TURF)	489.51	42.31
32 84 23 00-0197	EA	Two Pair Of Valves Interface, Field Decoder For Two-Wire Decoder System (Rain Bird® FD202TURF)	732.75	42.31
32 84 23 00-0198	EA	Up To Four Individual Valves Interface, Field Decoder For Two-Wire Decoder System (Rain Bird® FD401TURF)	894.40	42.31
32 84 23 00-0199	EA	Up To Six Individual Valves Interface, Field Decoder For Two-Wire Decoder System (Rain Bird® FD601TURF)	1,481.60	42.31
32 84 23 00-0200		Accessories For Two-Wire Decoder Systems (Rain Bird®) *(32 84 23 00-0189)*		
32 84 23 00-0201	EA	50-Station Replacement Base Module For ESP-LXD Series Two Wire Decoder Based Controllers (Rain Bird® MOD50-LXD)	2,329.60	
32 84 23 00-0202	EA	75-Station Expansion Module For ESP-LXD Series Two Wire Decoder Based Controllers (Rain Bird® SPLXDSM75)	1,331.42	
32 84 23 00-0203	EA	Line Surge Protection For ESP-LXD Series Two-Wire Decoder Systems (Rain Bird® LSP1TURF)	290.53	37.02
32 84 23 00-0204	EA	Sensor Decoder Interface For ESP-LXD Series Two-Wire Decoder Systems (Rain Bird® SD210TURF)	1,316.51	42.31
32 84 23 00-0205		Satellite Irrigation Controllers (Rain Bird® ESP-SAT) *(32 84 23 00-0100)*		
		Note: Satellite controllers compatible with Maxi-Con Central Control. Includes link communication with SEMET at the controller and stainless steel cabinet. Excludes concrete pad.		
32 84 23 00-0206	EA	12 Station, Satellite Irrigation Controller With Stainless Steel Cabinet (Rain Bird® RBESP12SATLS)	4,842.01	237.97
32 84 23 00-0207	EA	24 Station, Satellite Irrigation Controller With Stainless Steel Cabinet (Rain Bird® RBESP24SATLS)	5,106.37	251.19
32 84 23 00-0208	EA	40 Station, Satellite Irrigation Controller With Stainless Steel Cabinet (Rain Bird® RBESP40SATLS)	7,078.60	264.41
32 84 23 00-0209		Irrigation Valves *(32 84 23)*		
32 84 23 00-0210		Reduced Pressure Zone Valves With QT Shut-Offs *(32 84 23 00-0209)*		
		Note: Includes ball type test cocks, two quarter-turn (QT) full port resilient seated bronze body ball valves, and captured spring assemblies (Watts 009 QT series).		
32 84 23 00-0211	EA	3/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M3 QT series)	871.65	43.72
32 84 23 00-0212	EA	1" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M2 QT series)	1,033.79	53.39
32 84 23 00-0213	EA	1-1/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M2 QT series)	1,567.66	62.13
32 84 23 00-0214	EA	1-1/2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M2 QT series)	1,655.95	71.33
32 84 23 00-0215	EA	2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M2 QT series)	1,984.89	92.04
32 84 23 00-0216		Brass Quick-Coupling Irrigation Valves *(32 84 23 00-0209)*		
32 84 23 00-0217	EA	3/4", 1-Piece Brass Body, Quick-Coupling Irrigation Valve (Rain Bird® 3RC)	183.15	38.14
		For Valve Key, Add	*56.50*	
32 84 23 00-0218	EA	3/4", 2-Piece Brass Body, Quick-Coupling Irrigation Valve (Rain Bird® 33DRC)	189.68	38.14
		For Locking Cover, Add	*25.00*	
		For Valve Key, Add	*56.50*	
32 84 23 00-0219	EA	1", 1-Piece Brass Body, Quick-Coupling Irrigation Valve (Rain Bird® 44RC)	261.56	38.14
		For Valve Key, Add	*144.51*	
32 84 23 00-0220	EA	1", 2-Piece Brass Body, Quick-Coupling Irrigation Valve (Rain Bird® 44LRC)	287.69	38.14
		For Valve Key, Add	*144.51*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 84 23 00-0221		**Anti-Siphon Pressure Type Vacuum Breaker** *(32 84 23 00-0209)*		
		Note: Pressure: 15 to 150 PSI, temperature: 33 to 140 degrees Fahrenheit.		
32 84 23 00-0222	EA	3/4" Anti-Siphon Pressure Type Vacuum Breaker (Watts 800M4QT)	299.30	32.21
32 84 23 00-0223	EA	1" Anti-Siphon Pressure Type Vacuum Breaker (Watts 800M4QT)	430.54	36.81
32 84 23 00-0224	EA	1-1/4" Anti-Siphon Pressure Type Vacuum Breaker (Watts 800M4QT)	785.23	42.57
32 84 23 00-0225	EA	1-1/2" Anti-Siphon Pressure Type Vacuum Breaker (Watts 800M4QT)	956.78	47.17
32 84 23 00-0226	EA	2" Anti-Siphon Pressure Type Vacuum Breaker	963.45	57.53
32 84 23 00-0227		**Manual Sprinkler Control Valves** *(32 84 23 00-0209)*		
32 84 23 00-0228	EA	3/4" Manual Sprinkler Control Valves, With Union	100.51	31.06
32 84 23 00-0229	EA	1" Manual Sprinkler Control Valves, With Union	122.53	33.37
32 84 23 00-0230	EA	1-1/4" Manual Sprinkler Control Valves, With Union	189.02	42.23
32 84 23 00-0231	EA	1-1/2" Manual Sprinkler Control Valves, With Union	224.24	48.67
32 84 23 00-0232	EA	2" Manual Sprinkler Control Valves, With Union	301.77	57.53
32 84 23 00-0233		**Irrigation Piping** *(32 84 23)*		
32 84 23 00-0234	LF	3/4" Class 200 Polyvinyl Chloride (PVC) Socketweld Pipe With Fittings	3.59	1.32
		For >1,000, Deduct	*-0.18*	
32 84 23 00-0235	LF	1" Class 200 Polyvinyl Chloride (PVC) Socketweld Pipe With Fittings	4.39	1.59
		For >1,000, Deduct	*-0.22*	
32 84 23 00-0236	LF	1-1/2" Class 200 Polyvinyl Chloride (PVC) Socketweld Pipe With Fittings	6.52	2.01
		For >1,000, Deduct	*-0.33*	
32 84 23 00-0237	LF	2" Class 200 Polyvinyl Chloride (PVC) Socketweld Pipe With Fittings	8.61	2.52
		For >1,000, Deduct	*-0.43*	
32 84 23 00-0238	LF	2-1/2" Class 200 Polyvinyl Chloride (PVC) Socketweld Pipe With Fittings	11.55	2.94
		For >1,000, Deduct	*-0.58*	
32 84 23 00-0239	LF	1/2" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings	3.16	1.06
		For >1,000, Deduct	*-0.16*	
32 84 23 00-0240	LF	3/4" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings	3.99	1.32
		For >1,000, Deduct	*-0.20*	
32 84 23 00-0241	LF	1" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings	5.05	1.59
		For >1,000, Deduct	*-0.25*	
32 84 23 00-0242	LF	1/2" Poly Pipe, 100 PSI, Non-NSF	2.52	1.14
		For >1,000, Deduct	*-0.13*	
32 84 23 00-0243	LF	3/4" Poly Pipe, 100 PSI, Non-NSF	2.72	1.20
		For >1,000, Deduct	*-0.14*	
32 84 23 00-0244	LF	1" Poly Pipe, 100 PSI, Non-NSF	3.47	1.40
		For >1,000, Deduct	*-0.17*	
32 84 23 00-0245	LF	1-1/4" Poly Pipe, 100 PSI, Non-NSF	4.88	1.62
		For >1,000, Deduct	*-0.24*	
32 84 23 00-0246	LF	1-1/2" Poly Pipe, 100 PSI, Non-NSF	5.98	1.83
		For >1,000, Deduct	*-0.30*	
32 84 23 00-0247	LF	2" Poly Pipe, 100 PSI, Non-NSF	8.76	2.27
		For >1,000, Deduct	*-0.44*	
32 84 23 00-0248	LF	3/4" Poly Pipe, 100 PSI, NSF, High Density	2.98	1.20
		For >1,000, Deduct	*-0.15*	
32 84 23 00-0249	LF	1" Poly Pipe, 100 PSI, NSF, High Density	3.84	1.40
		For >1,000, Deduct	*-0.19*	
32 84 23 00-0250	LF	1-1/4" Poly Pipe, 100 PSI, NSF, High Density	5.43	1.62
		For >1,000, Deduct	*-0.27*	
32 84 23 00-0251	LF	1-1/2" Poly Pipe, 100 PSI, NSF, High Density	6.87	1.83
		For >1,000, Deduct	*-0.34*	
32 84 23 00-0252	LF	2" Poly Pipe, 100 PSI, NSF, High Density	10.14	2.27
		For >1,000, Deduct	*-0.51*	
32 84 23 00-0253	LF	2-1/2" Poly Pipe, 100 PSI, NSF, High Density	7.20	2.65
		For >1,000, Deduct	*-0.36*	
32 84 23 00-0254	LF	3" Poly Pipe, 100 PSI, NSF, High Density	7.81	2.91
		For >1,000, Deduct	*-0.39*	
32 84 23 00-0255		**Irrigation Swing Joints** *(32 84 23)*		
32 84 23 00-0256	EA	3/4" Male NPT, 12" Length, Polyvinyl Chloride (PVC) Irrigation Swing Joint (Rain Bird® TSJ12075)	70.05	21.09
32 84 23 00-0257	EA	1" Male NPT, 12" Length, Polyvinyl Chloride (PVC) Irrigation Swing Joint (Rain Bird® TSJ12)	79.89	23.54
32 84 23 00-0258	EA	1" Male NPT, 12" Length, Polyvinyl Chloride (PVC) Irrigation Swing Joint With 70 PSI Pressure Regulator (Rain Bird® TSJ100PRS)	110.64	23.54
32 84 23 00-0259		**Irrigation Control Wire** *(32 84 23)*		
		Note: Excludes excavation and backfill.		
32 84 23 00-0260		**18 AWG, Irrigation Control Wire, Buried In Trench** *(32 84 23 00-0259)*		
32 84 23 00-0261	CLF	1-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench	52.29	15.90
32 84 23 00-0262	CLF	2-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench	68.99	18.55
32 84 23 00-0263	CLF	3-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench	79.41	21.19
32 84 23 00-0264	CLF	4-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench	90.98	23.84
32 84 23 00-0265	CLF	5-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench	103.67	26.49
32 84 23 00-0266	CLF	6-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench	124.36	29.13
32 84 23 00-0267	CLF	7-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench	144.18	31.78
32 84 23 00-0268	CLF	8-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench	156.68	34.43
32 84 23 00-0269	CLF	9-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench	172.17	37.08

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 84 23 00-0270	CLF	10-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench	190.02	39.73
32 84 23 00-0271	CLF	11-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench	196.43	42.38
32 84 23 00-0272	CLF	12-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench	204.01	45.03
32 84 23 00-0273	CLF	13-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench	215.21	47.68
32 84 23 00-0274		16 AWG, Irrigation Control Wire, Buried In Trench *(32 84 23 00-0259)*		
32 84 23 00-0275	CLF	1-Conductor, 16 AWG, Irrigation Control Wire, Buried In Trench	55.32	15.90
32 84 23 00-0276		14 AWG, Irrigation Control Wire, Buried In Trench *(32 84 23 00-0259)*		
32 84 23 00-0277	CLF	1-Conductor, 14 AWG, Irrigation Control Wire, Buried In Trench	55.33	15.90
32 84 23 00-0278		12 AWG, Irrigation Control Wire, Buried In Trench *(32 84 23 00-0259)*		
32 84 23 00-0279	CLF	1-Conductor, 12 AWG, Irrigation Control Wire, Buried In Trench	75.36	15.90
32 84 23 00-0280		10 AWG, Irrigation Control Wire, Buried In Trench *(32 84 23 00-0259)*		
32 84 23 00-0281	CLF	1-Conductor, 10 AWG, Irrigation Control Wire, Buried In Trench	100.75	15.90
32 84 23 00-0282		Root Watering Systems *(32 84 23)*		
		Note: Includes swing assembly.		
32 84 23 00-0283	EA	0.25 GPM Bubbler On Riser, 36" Tube, 4" Diameter Grate, Root Watering System (Rain Bird® RWS-B-1401)	115.73	21.19
		For Root Watering Sand Sock, Add	*5.50*	
32 84 23 00-0284	EA	0.25 GPM Bubbler And Check Valve On Riser, 36" Tube, 4" Diameter Grate, Root Watering System (Rain Bird® RWS-B-C-1401)	125.90	21.19
		For Root Watering Sand Sock, Add	*5.50*	
32 84 23 00-0285	EA	0.5 GPM Bubbler On Riser, 36" Tube, 4" Diameter Grate, Root Watering System (Rain Bird® RWS-B-1402)	115.73	21.19
		For Root Watering Sand Sock, Add	*5.50*	
32 84 23 00-0286	EA	0.5 GPM Bubbler And Check Valve On Riser, 36" Tube, 4" Diameter Grate, Root Watering System (Rain Bird® RWS-B-C-1402)	125.90	21.19
		For Root Watering Sand Sock, Add	*5.50*	
32 84 23 00-0287	EA	1 GPM Bubbler And Check Valve On Riser, 36" Tube, 4" Diameter Grate, Root Watering System (Rain Bird® RWS-B-C-1404)	125.90	21.19
		For Root Watering Sand Sock, Add	*5.50*	
32 84 23 00-0288	EA	0.25 GPM Bubbler On Riser, 18" Tube, 4" Diameter Grate, Root Watering System (Rain Bird® RWS-M-B-1401)	100.34	18.55
		For Root Watering Sand Sock, Add	*4.97*	
32 84 23 00-0289	EA	0.25 GPM Bubbler And Check Valve On Riser, 18" Tube, 4" Diameter Grate, Root Watering System (Rain Bird® RWS-M-B-C-1401)	110.10	18.55
		For Root Watering Sand Sock, Add	*4.97*	
32 84 23 00-0290	EA	0.5 GPM Bubbler On Riser, 18" Tube, 4" Diameter Grate, Root Watering System (Rain Bird® RWS-M-B-1402)	100.34	18.55
		For Root Watering Sand Sock, Add	*4.97*	
32 84 23 00-0291	EA	0.5 GPM Bubbler And Check Valve On Riser, 18" Tube, 4" Diameter Grate, Root Watering System (Rain Bird® RWS-M-B-C-1402)	110.10	18.55
		For Root Watering Sand Sock, Add	*4.97*	
32 84 23 00-0292	EA	0.25 GPM Bubbler On Riser, 10" Tube, 4" Diameter Grate, Root Watering System (Rain Bird® RWS-S-B-1401)	65.43	15.90
		For Root Watering Sand Sock, Add	*4.45*	
32 84 23 00-0293	EA	0.25 GPM Bubbler And Check Valve On Riser, 10" Tube, 4" Diameter Grate, Root Watering System (Rain Bird® RWS-S-B-C-1401)	74.73	15.90
		For Root Watering Sand Sock, Add	*4.45*	
32 84 23 00-0294		Irrigation Items *(32 84 23)*		
		Note: The following City of Chicago, Department of Transportation standard site work tasks are all-inclusive, assembly work tasks and shall be used in lieu of individual component tasks. The JOC General Conditions, Book 2, further define the use of these tasks. Refer to the appropriate specifications contained in Book 4 for a complete definition of what is included in these work tasks.		
32 84 23 00-0295	HR	Irrigation Systems Spring Start-Up Service, Fall Shutdown Service, Or Summer Inspection	104.96	

32 90 Planting *(32)*

Note: Plant installation includes the initial watering only. The extended watering period for the establishment of lawns, plants and trees is addressed on a per plant per amount per occurrence basis as directed in the specification. cvs = cultivar or cultivated varities. See CSI section 32 01 90 26-0000 for additional "extended watering period" tasks.

32 91 Planting Preparation *(32 90)*

32 91 13 Soil Preparation *(32 91)*

32 91 13 16 Mulching *(32 91 13)*

32 91 13 16-0001		Mulch *(32 91 13 16)*		
		Note: Includes loading, delivery up to 15 miles and spreading. 1 CY = 108 SF of mulch spread 3" thick. See CSI section 01 74 19 00-0064 for hauling greater than 15 miles.		
32 91 13 16-0002	CY	Pine Bark Nugget Mulch	116.19	
		For >5 To 20, Deduct	*-9.84*	
		For >20 To 50, Deduct	*-14.76*	
		For >50, Deduct	*-20.57*	
		For Work On Slopes >2.5:1, Add	*16.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 91 13 16-0003	CY	Hardwood Bark Nugget Mulch	114.76	
		For >5 To 20, Deduct	*-9.77*	
		For >20 To 50, Deduct	*-14.65*	
		For >50, Deduct	*-20.39*	
		For Work On Slopes >2.5:1, Add	*16.12*	
32 91 13 16-0004	CY	Pine Wood Chip Mulch	111.92	
		For >5 To 20, Deduct	*-9.63*	
		For >20 To 50, Deduct	*-14.44*	
		For >50, Deduct	*-20.04*	
		For Work On Slopes >2.5:1, Add	*16.12*	
32 91 13 16-0005	CY	Hardwood Chip Mulch	117.61	
		For >5 To 20, Deduct	*-9.91*	
		For >20 To 50, Deduct	*-14.87*	
		For >50, Deduct	*-20.75*	
		For Work On Slopes >2.5:1, Add	*16.12*	
32 91 13 16-0006	CY	Shredded Hardwood Mulch	117.61	
		For >5 To 20, Deduct	*-9.91*	
		For >20 To 50, Deduct	*-14.87*	
		For >50, Deduct	*-20.75*	
		For Work On Slopes >2.5:1, Add	*16.12*	
32 91 13 16-0007	CY	Shredded Pine Mulch	104.80	
		For >5 To 20, Deduct	*-9.27*	
		For >20 To 50, Deduct	*-13.91*	
		For >50, Deduct	*-19.15*	
		For Work On Slopes >2.5:1, Add	*16.12*	
32 91 13 16-0008	CY	Shredded Cedar Mulch	132.55	
		For >5 To 20, Deduct	*-10.66*	
		For >20 To 50, Deduct	*-15.99*	
		For >50, Deduct	*-22.61*	
		For Work On Slopes >2.5:1, Add	*16.12*	
32 91 13 16-0009	CY	Shredded Cypress Mulch	130.41	
		For >5 To 20, Deduct	*-10.55*	
		For >20 To 50, Deduct	*-15.83*	
		For >50, Deduct	*-22.35*	
		For Work On Slopes >2.5:1, Add	*16.12*	
32 91 13 16-0010	CY	Shredded Redwood Mulch	136.11	
		For >5 To 20, Deduct	*-10.84*	
		For >20 To 50, Deduct	*-16.25*	
		For >50, Deduct	*-23.06*	
		For Work On Slopes >2.5:1, Add	*16.12*	
32 91 13 16-0011	CY	Pea Gravel Mulch	137.18	
		For >5 To 20, Deduct	*-10.89*	
		For >20 To 50, Deduct	*-16.33*	
		For >50, Deduct	*-23.19*	
		For Work On Slopes >2.5:1, Add	*16.12*	
32 91 13 16-0012	CY	Chunk Recycled Tire Mulch	203.09	
		For >5 To 20, Deduct	*-15.33*	
		For >20 To 50, Deduct	*-22.99*	
		For >50, Deduct	*-33.15*	
		For Work On Slopes >2.5:1, Add	*20.70*	
32 91 13 16-0013	CY	Chunk Colored Recycled Tire Mulch	301.28	
		For >5 To 20, Deduct	*-20.24*	
		For >20 To 50, Deduct	*-30.36*	
		For >50, Deduct	*-45.42*	
		For Work On Slopes >2.5:1, Add	*20.70*	
32 91 13 16-0014	CY	Shredded Recycled Tire Mulch	302.70	
		For >5 To 20, Deduct	*-20.31*	
		For >20 To 50, Deduct	*-30.46*	
		For >50, Deduct	*-45.60*	
		For Work On Slopes >2.5:1, Add	*20.70*	
32 91 13 16-0015	CY	Shredded Colored Recycled Tire Mulch	499.07	
		For >5 To 20, Deduct	*-30.13*	
		For >20 To 50, Deduct	*-45.19*	
		For >50, Deduct	*-70.14*	
		For Work On Slopes >2.5:1, Add	*20.70*	
32 91 13 16-0016	EA	Pine Straw Mulch Bale Note: Covers 50 SF at a thickness of 2" to 4" forming a uniform mat through which none of the original ground surface can be seen.	9.62	
		For >100 To 250, Deduct	*-0.71*	
		For >250 To 500, Deduct	*-0.95*	
		For >500, Deduct	*-1.19*	
		For Work On Slopes >2.5:1, Add	*0.93*	
32 91 13 16-0017	EA	Wheat Straw Mulch Bale Note: Covers 350 SF forming a uniform mat through which 20 to 40% of the original ground surface can be seen.	9.33	
		For >100 To 250, Deduct	*-0.64*	
		For >250 To 500, Deduct	*-0.81*	
		For >500, Deduct	*-1.11*	
		For Work On Slopes >2.5:1, Add	*0.70*	
32 91 13 16-0018	CY	Stone/Gravel Mulch, Marble Chips	310.60	
		For >5 To 20, Deduct	*-19.56*	
		For >20 To 50, Deduct	*-29.34*	
		For >50, Deduct	*-44.87*	
		For Work On Slopes >2.5:1, Add	*16.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 91 13 16-0019	CY	Stone Mulch, Decomposed Granite Chips	144.93	
		For >5 To 20, Deduct	*-11.28*	
		For >20 To 50, Deduct	*-16.92*	
		For >50, Deduct	*-24.16*	
		For Work On Slopes >2.5:1, Add	*16.12*	

32 91 13 26 Planting Beds *(32 91 13)*

Note: Not for use when installing trees and shrubs.

32 91 13 26-0001 Plant Bed Preparation *(32 91 13 26)*

Note: Not for use when installing trees and shrubs.

32 91 13 26-0002	SF	Up To 8" Deep, Prepare And Mix Plant Bed, By Machine Note: Includes loosening subgrade, removing stones, sticks, roots, rubbish, and raking surface. Excludes soil amendments.	1.28	
		For Work On Slopes >2.5:1, Add	*0.26*	
32 91 13 26-0003	SF	>8" To 13" Deep, Prepare And Mix Plant Bed, By Machine Note: Includes loosening subgrade, removing stones, sticks, roots, rubbish, and raking surface. Excludes soil amendments.	1.47	
		For Work On Slopes >2.5:1, Add	*0.29*	
32 91 13 26-0004	SF	>13" To 18" Deep, Prepare And Mix Plant Bed, By Machine Note: Includes loosening subgrade, removing stones, sticks, roots, rubbish, and raking surface. Excludes soil amendments.	1.73	
		For Work On Slopes >2.5:1, Add	*0.35*	
32 91 13 26-0005	SF	Up To 8" Deep, Prepare And Mix Plant Bed By Hand Note: Includes loosening subgrade, removing stones, sticks, roots, rubbish, and raking surface. Excludes soil amendments.	6.12	
		For Work On Slopes >2.5:1, Add	*1.22*	
32 91 13 26-0006	SF	>8" To 13" Deep, Prepare And Mix Plant Bed By Hand Note: Includes loosening subgrade, removing stones, sticks, roots, rubbish, and raking surface. Excludes soil amendments.	7.03	
		For Work On Slopes >2.5:1, Add	*1.41*	
32 91 13 26-0007	SF	>13" To 18" Deep, Prepare And Mix Plant Bed By Hand Note: Includes loosening subgrade, removing stones, sticks, roots, rubbish, and raking surface. Excludes soil amendments.	8.26	
		For Work On Slopes >2.5:1, Add	*1.65*	

32 91 13 26-0008 Planting Pit Preparation *(32 91 13 26)*

Note: Not for use when installing trees and shrubs.

32 91 13 26-0009	CY	Excavate Planting Pit By Hand, Sandy Soil Note: For use with existing planting pits.	105.76	
		For Work On Slopes >2.5:1, Add	*21.15*	
32 91 13 26-0010	CY	Excavate Planting Pit By Hand, Heavy Soil Note: For use with existing planting pits.	211.53	
		For Work On Slopes >2.5:1, Add	*42.31*	
32 91 13 26-0011	CY	Excavate Planting Pit By Machine, Sandy Soil Note: For use with existing planting pits.	15.23	
		For Work On Slopes >2.5:1, Add	*3.05*	
32 91 13 26-0012	CY	Excavate Planting Pit By Machine, Heavy Soil Note: For use with existing planting pits.	19.81	
		For Work On Slopes >2.5:1, Add	*3.96*	
32 91 13 26-0013	CY	Backfill Planting Pit By Hand With Topsoil From Stockpile	93.99	
		For Work On Slopes >2.5:1, Add	*18.80*	
32 91 13 26-0014	CY	Backfill Planting Pit By Hand With Contractor Furnished Planting Mix	130.98	
		For Work On Slopes >2.5:1, Add	*16.52*	
32 91 13 26-0015	CY	Backfill Planting Pit By Machine, With Topsoil From Stockpile	8.66	
		For Work On Slopes >2.5:1, Add	*1.73*	
32 91 13 26-0016	CY	Backfill Planting Pit By Machine, With Contractor Furnished Planting Mix	67.63	
		For Work On Slopes >2.5:1, Add	*3.85*	

32 91 13 26-0017 Weed Barrier *(32 91 13 26)*

32 91 13 26-0018	SY	Up To 3 Oz/SY Non-Woven, Polypropylene Weed Barrier	2.51	
		For Work On Slopes >2.5:1, Add	*0.17*	
32 91 13 26-0019	SY	4 Oz/SY Woven, Polypropylene Weed Barrier	3.36	
		For Work On Slopes >2.5:1, Add	*0.17*	
32 91 13 26-0020	SY	5 Oz/SY Woven, Needle Punched Polypropylene Weed Barrier	3.74	
		For Work On Slopes >2.5:1, Add	*0.17*	

32 91 13 33 Soil Conditioners *(32 91 13)*

32 91 13 33-0001 Spread Soil Conditioners *(32 91 13 33)*

32 91 13 33-0002	SY	Aluminum Sulfate 1 LB/SY, Push Spreader	0.44	
32 91 13 33-0003	MSF	Aluminum Sulfate 110 LB/MSF Tractor Spreader	40.91	
32 91 13 33-0004	MSF	Fertilizer, 20 LB/MSF, Push Spreader	8.41	
32 91 13 33-0005	MSF	Fertilizer, 20 LB/MSF, Tractor Spread	3.17	
32 91 13 33-0006	MSF	Fertilizer, 20 LB/MSF, Truck Spread	5.32	
32 91 13 33-0007	SY	Pelletized Lime, 1 LB/SY, Push Spreader	0.11	
32 91 13 33-0008	MSF	Pelitized Lime, 110 LB/MSF, Tractor Spreader	7.87	
32 91 13 33-0009	SY	Perlite, 1" Deep, Push Spreader	3.72	
32 91 13 33-0010	MSF	Perlite, 1" Deep, Tractor Spreader	385.61	
32 91 13 33-0011	SY	Vermiculite, Push Spreader	3.45	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 91 13 33-0012	MSF	Vermiculite, Tractor Spreader	376.68	

32 91 13 36 Lawn Bed Preparation *(32 91 13)*

32 91 13 36-0001 Lawn Bed Preparation *(32 91 13 36)*

32 91 13 36-0002	MSF	Rake Topsoil With Machine	96.80	
32 91 13 36-0003	MSF	Rake Topsoil By Hand	84.60	
32 91 13 36-0004	MSF	Screen Loam By Hand	56.40	
32 91 13 36-0005	SY	Roll Topsoil With Machine	1.22	
32 91 13 36-0006	SY	Roll Topsoil By Hand	3.78	
32 91 13 36-0007	MSF	Removal Of Rocks And Debris With Machine	11.45	
32 91 13 36-0008	MSF	Root Raking And Loading, No Boulders	59.91	
		For >45 to 225, Deduct	*-41.94*	
		For >225, Deduct	*-53.92*	
32 91 13 36-0009	MSF	Root Raking And Loading, With Boulders	99.84	
		For >45 to 225, Deduct	*-69.89*	
		For >225, Deduct	*-89.86*	
32 91 13 36-0010	MSF	Up To 6" Deep Tilling Topsoil With Tractor	5.27	
32 91 13 36-0011	MSF	>6" To 12" Deep Tilling Topsoil With Tractor	10.69	
		For Work On Slopes >2.5:1, Add	*2.14*	
32 91 13 36-0012	SY	Up To 2" Deep Tilling Topsoil With Rototiller	0.90	
32 91 13 36-0013	SY	>2" To 4" Deep Tilling Topsoil With Rototiller	1.07	
32 91 13 36-0014	SY	>4" To 6" Deep Tilling Topsoil With Rototiller	1.35	
32 91 13 36-0015	LF	"V" Cut Soil For Edge Of Planting Beds	1.49	
32 91 13 36-0016	MSF	Removal Of Rocks And Debris By Hand	36.50	

32 91 13 36-0017 Sod Removal *(32 91 13 36)*

32 91 13 36-0018	SY	Removal Of Sod By Hand	7.13	
		For Work On Slopes >2.5:1, Add	*1.43*	
32 91 13 36-0019	SY	Removal Of Sod With Machine	0.71	
		For Work On Slopes >2.5:1, Add	*0.14*	
32 91 13 36-0020	SY	Pile Sod By Hand	4.23	
		For Work On Slopes >2.5:1, Add	*0.85*	
32 91 13 36-0021	SY	Pile Sod With Machine	1.33	
		For Work On Slopes >2.5:1, Add	*0.27*	

32 91 19 Landscape Grading *(32 91)*

32 91 19 13 Topsoil Placement and Grading *(32 91 19)*

32 91 19 13-0001 Remove And Stockpile Topsoil On Site *(32 91 19 13)*

32 91 19 13-0002	CY	Removal Of Topsoil, 4" Deep Stockpile On Site	5.25	

32 91 19 13-0003 Screening Topsoil *(32 91 19 13)*

32 91 19 13-0004	CY	Screen Topsoil With Vibrating Screen, Wet Material (Organic)	11.77	
32 91 19 13-0005	CY	Screen Topsoil With Vibrating Screen, Dry Material	7.84	

32 91 19 13-0006 Spreading Topsoil From Stockpile *(32 91 19 13)*

32 91 19 13-0007	CY	Spread Topsoil By Machine From Stockpile	9.02	
32 91 19 13-0008	CY	Spread Topsoil By Hand From Stockpile	80.73	

32 91 19 13-0009 Furnish And Place Imported Screened Topsoil *(32 91 19 13)*

Note: Includes delivery up to 15 miles from the closest approved source and spread by machine. Excludes hand spreading. See CSI section 01 74 19 00-0064 for hauling greater than 15 miles.

32 91 19 13-0010	SY	Furnish And Place Imported Screened Topsoil, 2" Deep	3.96	
		For Unscreened, Deduct	*-0.51*	
32 91 19 13-0011	SY	Furnish And Place Imported Screened Topsoil, 4" Deep	7.59	
		For Unscreened, Deduct	*-1.02*	
32 91 19 13-0012	SY	Furnish And Place Imported Screened Topsoil, 6" Deep	10.94	
		For Unscreened, Deduct	*-1.52*	
32 91 19 13-0013	SY	Furnish And Place Imported Screened Topsoil, 9" Deep	15.76	
		For Unscreened, Deduct	*-2.28*	
32 91 19 13-0014	SY	Furnish And Place Imported Screened Topsoil, 12" Deep	20.57	
		For Unscreened, Deduct	*-3.04*	
32 91 19 13-0015	CY	Furnish And Place Imported Screened Topsoil, Over 12" Deep	56.70	
		For Unscreened, Deduct	*-9.13*	

32 91 19 13-0016 Scarify Soil For Planting Preparation *(32 91 19 13)*

Note: Ripped in multiple directions with 3" maximum clods.

32 91 19 13-0017	MSF	Up To 5,000 SF Scarify Up To 8" Soil With Machine	71.23	
32 91 19 13-0018	MSF	>5,000 To 20,000 SF Scarify Up To 8" Soil With Machine	49.85	
32 91 19 13-0019	MSF	>20,000 SF Scarify Up To 8" Soil With Machine	29.17	

32 92 Turf and Grasses *(32 90)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

32 92 16 Plugging *(32 92)*

32 92 16 00-0001 Bermuda Or Centipede Plugging, 1" Deep *(32 92 16)*

Note: Includes fine grade and soil preparation.

32 92 16 00-0002 6" On Center Plugging *(32 92 16 00-0001)*

32 92 16 00-0003	MSF	Plugging By Hand, 6" On Center	270.58	
32 92 16 00-0004	MSF	Plugging By Walk Behind Planter, 6" On Center	35.18	
32 92 16 00-0005	MSF	Plugging By Towed Planter, 6" On Center	25.60	

32 92 16 00-0006 9" On Center Plugging *(32 92 16 00-0001)*

32 92 16 00-0007	MSF	Plugging By Hand, 9" On Center	207.64	
32 92 16 00-0008	MSF	Plugging By Walk Behind Planter, 9" On Center	27.66	
32 92 16 00-0009	MSF	Plugging By Towed Planter, 9" On Center	19.22	

32 92 16 00-0010 12" On Center Plugging *(32 92 16 00-0001)*

32 92 16 00-0011	MSF	Plugging By Hand, 12" On Center	175.17	
32 92 16 00-0012	MSF	Plugging By Walk Behind Planter, 12" On Center	18.81	
32 92 16 00-0013	MSF	Plugging By Towed Planter, 12" On Center	12.32	

32 92 19 Seeding *(32 92)*

32 92 19 13 Mechanical Seeding *(32 92 19)*

Note: Includes fertilizing, liming, mixing, seeding and initial watering.

32 92 19 13-0001 Tractor Spreader Mechanical Seeding *(32 92 19 13)*

Note: Excludes straw. See CSI section 32 91 13 16-0017 for wheat straw mulch.

32 92 19 13-0002	MSF	Common Bluegrass, Tractor Spreader Note: 4 LB/MSF spread rate.	49.22	
32 92 19 13-0003	MSF	Tall Fescue, Tractor Spreader Note: 5.5 LB/MSF spread rate.	38.70	
32 92 19 13-0004	MSF	Rye, Tractor Spreader Note: 10 LB/MSF spread rate.	39.45	
32 92 19 13-0005	MSF	Shade Mix, Tractor Spreader Note: 6 LB/MSF spread rate. Mixture of red fescue, creeping red fescue, perennial rye and bluegrass.	43.24	
32 92 19 13-0006	MSF	Turf Mix, Tractor Spreader Note: 4 LB/MSF spread rate. Mixture of three varieties of bluegrass and one improved perennial ryegrass.	45.96	
32 92 19 13-0007	MSF	Slope Mix, Tractor Spreader Note: 6 LB/MSF spread rate.	42.33	
32 92 19 13-0008	MSF	Utility Mix, Tractor Spreader Note: 7 LB/MSF spread rate. Mixture of perennial/annual rye, creeping red fescue and bluegrass.	37.80	
32 92 19 13-0009	MSF	Wild Flower Mix, Tractor Spreader Note: 0.10 LB/MSF spread rate.	29.27	
32 92 19 13-0010	MSF	Crown Vetch Mix, Tractor Spreader Note: 4 LB/MSF spread rate.	96.75	
32 92 19 13-0011	MSF	Athletic Mix, Tractor Spreader Note: 8 LB/MSF spread rate. Mixture of three varieties of drought resistant bluegrass, tall fescue and Kentucky bluegrass.	56.84	
32 92 19 13-0012	MSF	White Clover Mix, Tractor Spreader Note: 7 LB/MSF spread rate.	29.18	
32 92 19 13-0013	MSF	Ladino Clover Mix, Tractor Spreader Note: 7 LB/MSF spread rate.	32.81	
32 92 19 13-0014	MSF	Turfenhancer Mix, Tractor Spreader Note: 4 LB/MSF spread rate.	60.35	
32 92 19 13-0015	MSF	Salt Tolerant Mix, Tractor Spreader Note: 4 LB/MSF spread rate.	144.72	

32 92 19 13-0016 Hydro Or Air Mechanical Seeding *(32 92 19 13)*

32 92 19 13-0017	MSF	Common Bluegrass, Hydro Or Air Seeding Note: 4 LB/MSF spread rate.	99.82	
		For >45, Deduct		*-7.90*
		For Tackifier, Add		*1.44*
32 92 19 13-0018	MSF	Tall Fescue, Hydro Or Air Seeding Note: 5.5 LB/MSF spread rate.	106.17	
		For >45, Deduct		*-8.21*
		For Tackifier, Add		*1.44*
32 92 19 13-0019	MSF	Rye, Hydro Or Air Spread Note: 10 LB/MSF spread rate.	100.09	
		For >45, Deduct		*-7.91*
		For Tackifier, Add		*1.44*
32 92 19 13-0020	MSF	Shade Mix, Hydro Or Air Seeding Note: 6 LB/MSF spread rate. Mixture of red fescue, creeping red fescue, perennial rye and bluegrass.	99.82	
		For >45, Deduct		*-7.90*
		For Tackifier, Add		*1.44*
32 92 19 13-0021	MSF	Turf Mix, Hydro Or Air Seeding Note: 4 LB/MSF spread rate. Mixture of three varieties of bluegrass and one improved perennial ryegrass.	106.17	
		For >45, Deduct		*-8.21*
		For Tackifier, Add		*1.44*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 92 19 13-0022	MSF	Slope Mix, Hydro Or Air Seeding Note: 6 LB/MSF spread rate.	103.45	
		For >45, Deduct	*-8.08*	
		For Tackifier, Add	*1.44*	
32 92 19 13-0023	MSF	Utility Mix, Hydro Or Air Seeding Note: 7 LB/MSF spread rate. Mixture of perennial/annual rye, creeping red fescue and bluegrass.	101.25	
		For >45, Deduct	*-7.97*	
		For Tackifier, Add	*1.44*	
32 92 19 13-0024	MSF	Wild Flower Mix, Hydro Or Air Seeding Note: 0.10 LB/MSF spread rate.	94.19	
		For >45, Deduct	*-7.61*	
		For Tackifier, Add	*1.44*	
32 92 19 13-0025	MSF	Crown Vetch Mix, Hydro Or Air Seeding Note: 4 LB/MSF spread rate.	157.86	
		For >45, Deduct	*-10.80*	
		For Tackifier, Add	*1.44*	
32 92 19 13-0026	MSF	Athletic Mix, Hydro Or Air Seeding Note: 8 LB/MSF spread rate. Mixture of three varieties of drought resistant bluegrass, tall fescue and Kentucky bluegrass.	137.93	
		For >45, Deduct	*-9.80*	
		For Tackifier, Add	*1.44*	
32 92 19 13-0027	MSF	White Clover Mix, Hydro Or Air Seeding Note: 7 LB/MSF spread rate.	85.58	
		For >45, Deduct	*-7.18*	
		For Tackifier, Add	*1.44*	
32 92 19 13-0028	MSF	Ladino Clover Mix, Hydro Or Air Seeding Note: 7 LB/MSF spread rate.	96.19	
		For >45, Deduct	*-7.71*	
		For Tackifier, Add	*1.44*	
32 92 19 13-0029	MSF	60% Kentucky Bluegrass, 20% Creeping Red Fescue, 10% Red Top And 10% Domestic Rye, Hydro Or Air Spread Note: 4 LB/MSF spread rate.	101.63	
		For >45, Deduct	*-7.99*	
		For Tackifier, Add	*1.44*	
32 92 19 13-0030	MSF	Turfenhancer Mix, Hydro Or Air Seeding Note: 4 LB/MSF spread rate.	131.89	
		For >45, Deduct	*-9.20*	
32 92 19 13-0031	MSF	Salt Tolerant Mix, Hydro Or Air Seeding Note: 4 LB/MSF spread rate.	217.77	
		For >45, Deduct	*-13.49*	
32 92 19 13-0032	MSF	2,500 LB/Acre, High Performance - Flexible Growth Medium Note: Applied with seed. Excludes seed.	130.30	
		For >45, Deduct	*-7.97*	
32 92 19 13-0033	MSF	3,000 LB/Acre, High Performance - Flexible Growth Medium Note: Applied with seed. Excludes seed.	152.01	
		For >45, Deduct	*-9.13*	
32 92 19 13-0034	MSF	3,500 LB/Acre, High Performance - Flexible Growth Medium Note: Applied with seed. Excludes seed.	173.81	
		For >45, Deduct	*-10.29*	
32 92 19 13-0035	MSF	4,000 LB/Acre, High Performance - Flexible Growth Medium Note: Applied with seed. Excludes seed.	195.63	
		For >45, Deduct	*-11.46*	
32 92 19 13-0036	MSF	4,500 LB/Acre, High Performance - Flexible Growth Medium Note: Applied with seed. Excludes seed.	217.57	
		For >45, Deduct	*-12.64*	

32 92 19 19 Seeding by Hand *(32 92 19)*

Note: Includes fertilizing, liming, mixing, seeding and initial watering. See CSI section 32 91 13 16-0017 for wheat straw mulch.

32 92 19 19-0001 Push Spreader Or Hand Seeding *(32 92 19 19)*

Note: Excludes straw. See CSI section 32 91 13 16-0017 for wheat straw mulch.

32 92 19 19-0002	MSF	Common Bluegrass, Push Spreader Or Hand Note: 4 LB/MSF spread rate.	130.78	
		For >5 To 20, Deduct	*-9.18*	
		For >20 To 45, Deduct	*-17.74*	
		For >45, Deduct	*-28.94*	
32 92 19 19-0003	MSF	Tall Fescue, Push Spreader Or Hand Note: 5.5 LB/MSF spread rate.	120.26	
		For >5 To 20, Deduct	*-8.66*	
		For >20 To 45, Deduct	*-16.95*	
		For >45, Deduct	*-27.89*	
32 92 19 19-0004	MSF	Rye, Push Spreader Or Hand Note: 10 LB/MSF spread rate.	121.01	
		For >5 To 20, Deduct	*-8.69*	
		For >20 To 45, Deduct	*-17.01*	
		For >45, Deduct	*-27.96*	
32 92 19 19-0005	MSF	Shade Mix, Push Spreader Or Hand Note: 6 LB/MSF spread rate. Mixture of red fescue, creeping red fescue, perennial rye and bluegrass.	124.80	
		For >5 To 20, Deduct	*-8.88*	
		For >20 To 45, Deduct	*-17.29*	
		For >45, Deduct	*-28.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 92 19 19-0006	MSF	Turf Mix, Push Spreader Or Hand	127.52	
		Note: 4 LB/MSF spread rate. Mixture of three varieties of bluegrass and one improved perennial ryegrass.		
		For >5 To 20, Deduct	*-9.02*	
		For >20 To 45, Deduct	*-17.50*	
		For >45, Deduct	*-28.61*	
32 92 19 19-0007	MSF	Slope Mix, Push Spreader Or Hand	123.89	
		Note: 6 LB/MSF spread rate.		
		For >5 To 20, Deduct	*-8.84*	
		For >20 To 45, Deduct	*-17.22*	
		For >45, Deduct	*-28.25*	
32 92 19 19-0008	MSF	Utility Mix, Push Spreader Or Hand	119.36	
		Note: 7 LB/MSF spread rate. Mixture of perennial/annual rye, creeping red fescue and bluegrass.		
		For >5 To 20, Deduct	*-8.61*	
		For >20 To 45, Deduct	*-16.88*	
		For >45, Deduct	*-27.80*	
32 92 19 19-0009	MSF	Wild Flower Mix, Push Spreader Or Hand	110.83	
		Note: 0.10 LB/MSF spread rate.		
		For >5 To 20, Deduct	*-8.19*	
		For >20 To 45, Deduct	*-16.24*	
		For >45, Deduct	*-26.95*	
32 92 19 19-0010	MSF	Crown Vetch Mix, Push Spreader Or Hand	178.31	
		Note: 4 LB/MSF spread rate.		
		For >5 To 20, Deduct	*-11.56*	
		For >20 To 45, Deduct	*-21.30*	
		For >45, Deduct	*-33.69*	
32 92 19 19-0011	MSF	Athletic Mix, Push Spreader Or Hand	138.40	
		Note: 8 LB/MSF spread rate. Mixture of drought resistant bluegrass, tall fescue and Kentucky bluegrass.		
		For >5 To 20, Deduct	*-9.56*	
		For >20 To 45, Deduct	*-18.31*	
		For >45, Deduct	*-29.70*	
32 92 19 19-0012	MSF	White Clover Mix, Push Spreader Or Hand	110.74	
		Note: 7 LB/MSF spread rate.		
		For >5 To 20, Deduct	*-8.18*	
		For >20 To 45, Deduct	*-16.24*	
		For >45, Deduct	*-26.94*	
32 92 19 19-0013	MSF	Ladino Clover Mix, Push Spreader Or Hand	114.37	
		Note: 7 LB/MSF spread rate.		
		For >5 To 20, Deduct	*-8.36*	
		For >20 To 45, Deduct	*-16.51*	
		For >45, Deduct	*-27.30*	
32 92 19 19-0014	MSF	100% Kentucky Bluegrass, Push Spreader Or Hand	132.50	
		Note: 3.3 LB/MSF spread rate.		
		For >5 To 20, Deduct	*-9.27*	
		For >20 To 45, Deduct	*-17.87*	
		For >45, Deduct	*-29.11*	
32 92 19 19-0015	MSF	70% Kentucky Bluegrass And 30% Fescue, Push Spreader Or Hand	127.52	
		Note: 3.3 LB/MSF spread rate.		
		For >5 To 20, Deduct	*-9.02*	
		For >20 To 45, Deduct	*-17.50*	
		For >45, Deduct	*-28.61*	
32 92 19 19-0016	MSF	50% Kentucky Bluegrass And 50% Fescue, Push Spreader Or Hand	123.89	
		Note: 3.3 LB/MSF spread rate.		
		For >5 To 20, Deduct	*-8.84*	
		For >20 To 45, Deduct	*-17.22*	
		For >45, Deduct	*-28.25*	
32 92 19 19-0017	MSF	50% Kentucky Bluegrass And 50% Perennial Rye, Push Spreader Or Hand	131.14	
		Note: 4.4 LB/MSF spread rate.		
		For >5 To 20, Deduct	*-9.20*	
		For >20 To 45, Deduct	*-17.77*	
		For >45, Deduct	*-28.98*	
32 92 19 19-0018	MSF	60% Kentucky Bluegrass, 20% Creeping Red Fescue, 10% Red Top And 10% Domestic Rye, Push Spreader Or Hand	125.70	
		Note: 3.3 LB/MSF spread rate.		
		For >5 To 20, Deduct	*-8.93*	
		For >20 To 45, Deduct	*-17.36*	
		For >45, Deduct	*-28.43*	
32 92 19 19-0019	MSF	40% Creeping Red Fescue, 30% Kentucky Bluegrass, 10% Red Top, And 20% Blue Tag Perennial Rye, Push Spreader Or Hand	127.52	
		Note: 3.3 LB/MSF spread rate.		
		For >5 To 20, Deduct	*-9.02*	
		For >20 To 45, Deduct	*-17.50*	
		For >45, Deduct	*-28.61*	
32 92 19 19-0020	MSF	Turfenhancer Mix, Push Spreader Or Hand	141.91	
		Note: 4 LB/MSF spread rate.		
		For >5 To 20, Deduct	*-9.74*	
		For >20 To 45, Deduct	*-18.57*	
		For >45, Deduct	*-30.05*	
32 92 19 19-0021	MSF	Salt Tolerant Mix, Push Spreader Or Hand	226.28	
		Note: 4 LB/MSF spread rate.		
		For >5 To 20, Deduct	*-13.96*	
		For >20 To 45, Deduct	*-24.90*	
		For >45, Deduct	*-38.49*	

32 92 23 Sodding *(32 92)*

Note: Includes raking preparation, water thoroughly and allow surface to dry before planting, rolling of sod, sanding seams for

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

(up to 16" wide by 24" long) squares or (up to 24" wide by 54" long) rolls and initial watering within 2 hours after planting.

32 92 23 00-0001 Bermuda Sod *(32 92 23)*

32 92 23 00-0002	MSF	Up To 1,000 SF, Bermuda Sod, Installed On Level Ground	1,756.52
32 92 23 00-0003	MSF	>1,000 To 4,000 SF, Bermuda Sod, Installed On Level Ground	1,486.37
32 92 23 00-0004	MSF	>4,000 To 8,000 SF, Bermuda Sod, Installed On Level Ground	1,265.00
32 92 23 00-0005	MSF	>8,000 SF, Bermuda Sod, Installed On Level Ground	1,110.00
32 92 23 00-0006	MSF	Up To 1,000 SF, Bermuda Sod, Installed On Sloped (>1:6) Ground With Stakes	2,171.74
32 92 23 00-0007	MSF	>1,000 To 4,000 SF, Bermuda Sod, Installed On Sloped (>1:6) Ground With Stakes	1,838.35
32 92 23 00-0008	MSF	>4,000 To 8,000 SF, Bermuda Sod, Installed On Sloped (>1:6) Ground With Stakes	1,507.83
32 92 23 00-0009	MSF	>8,000 SF, Bermuda Sod, Installed On Sloped (>1:6) Ground With Stakes	1,316.49

32 92 23 00-0010 Tall Fescue Sod *(32 92 23)*

32 92 23 00-0011	MSF	Up To 1,000 SF, Tall Fescue Sod, Installed On Level Ground	2,488.13
		For Hybrid Fescue "Marathon", Add	*162.49*
32 92 23 00-0012	MSF	>1,000 To 4,000 SF, Tall Fescue Sod, Installed On Level Ground	2,033.40
		For Hybrid Fescue "Marathon", Add	*122.41*
32 92 23 00-0013	MSF	>4,000 To 8,000 SF, Tall Fescue Sod, Installed On Level Ground	1,720.85
		For Hybrid Fescue "Marathon", Add	*102.36*
32 92 23 00-0014	MSF	>8,000 SF, Tall Fescue Sod, Installed On Level Ground	1,474.69
		For Hybrid Fescue "Marathon", Add	*82.32*
32 92 23 00-0015	MSF	Up To 1,000 SF, Tall Fescue Sod, Installed On Sloped (>1:6) Ground With Stakes	2,901.11
		For Hybrid Fescue "Marathon", Add	*162.49*
32 92 23 00-0016	MSF	>1,000 To 4,000 SF, Tall Fescue Sod, Installed On Sloped (>1:6) Ground With Stakes	2,385.38
		For Hybrid Fescue "Marathon", Add	*122.41*
32 92 23 00-0017	MSF	>4,000 To 8,000 SF, Tall Fescue Sod, Installed On Sloped (>1:6) Ground With Stakes	1,963.68
		For Hybrid Fescue "Marathon", Add	*102.36*
32 92 23 00-0018	MSF	>8,000 SF, Tall Fescue Sod, Installed On Sloped (>1:6) Ground With Stakes	1,681.18
		For Hybrid Fescue "Marathon", Add	*82.32*

32 92 23 00-0019 Kentucky Blue Grass Sod *(32 92 23)*

32 92 23 00-0020	MSF	Up To 1,000 SF, Kentucky Blue Grass Sod, Installed On Level Ground	2,123.58
32 92 23 00-0021	MSF	>1,000 To 4,000 SF, Kentucky Blue Grass Sod, Installed On Level Ground	1,759.99
32 92 23 00-0022	MSF	>4,000 To 8,000 SF, Kentucky Blue Grass Sod, Installed On Level Ground	1,493.01
32 92 23 00-0023	MSF	>8,000 SF, Kentucky Blue Grass Sod, Installed On Level Ground	1,292.41
32 92 23 00-0024	MSF	Up To 1,000 SF, Kentucky Blue Grass Sod, Installed On Sloped (>1:6) Ground With Stakes	2,536.56
32 92 23 00-0025	MSF	>1,000 To 4,000 SF, Kentucky Blue Grass Sod, Installed On Sloped (>1:6) Ground With Stakes	2,111.97
32 92 23 00-0026	MSF	>4,000 To 8,000 SF, Kentucky Blue Grass Sod, Installed On Sloped (>1:6) Ground With Stakes	1,735.84
32 92 23 00-0027	MSF	>8,000 SF, Kentucky Blue Grass Sod, Installed On Sloped (>1:6) Ground With Stakes	1,498.90

32 93 Plants *(32 90)*

32 93 13 Ground Covers *(32 93)*

Note: Materials only. See CSI section 32 93 83 00-0057 for installation and planting of ground cover.

32 93 13 00-0001 Groundcover Plants And Vines *(32 93 13)*

32 93 13 00-0002 Ground Cover Groundcover Per Category and Size *(32 93 13 00-0001)*

Note: Quarts, 2" and 3" Pots are sold in full flats. Flats for 2" are 48 each. 3" are 24 each and Quarts are 12 each. Price based on full flats.

32 93 13 00-0003 Ground Cover Category A *(32 93 13 00-0002)*

32 93 13 00-0004	EA	1 Quart	3.23
		For >100, Deduct	*-0.24*
32 93 13 00-0005	EA	1 Gallon	9.58
		For >100, Deduct	*-0.72*
32 93 13 00-0006	EA	2 Gallon	15.72
		For >100, Deduct	*-1.18*
32 93 13 00-0007	EA	3 Gallon	22.01
		For >100, Deduct	*-1.65*

32 93 13 00-0008 Ground Cover Category B *(32 93 13 00-0002)*

32 93 13 00-0009	EA	1 Quart	3.90
		For >100, Deduct	*-0.29*
32 93 13 00-0010	EA	3 Gallon	24.36
		For >100, Deduct	*-1.83*

32 93 13 00-0011 Ground Cover Category C *(32 93 13 00-0002)*

32 93 13 00-0012	EA	1 Quart	4.92
		For >100, Deduct	*-0.37*

32 93 13 00-0013 Ground Cover Category D *(32 93 13 00-0002)*

32 93 13 00-0014	EA	1 Quart	7.51
		For >100, Deduct	*-0.56*

32 93 13 00-0015 Vines Per Category And Size *(32 93 13 00-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 13 00-0016		Vines Category A *(32 93 13 00-0015)*		
32 93 13 00-0017	EA	1 Gallon	11.41	
		For >100, Deduct	*-0.86*	
32 93 13 00-0018	EA	3 Gallon	29.14	
		For >100, Deduct	*-2.19*	
32 93 13 00-0019	EA	5 Gallon	33.94	
		For >100, Deduct	*-2.55*	
32 93 13 00-0020		Vines Category B *(32 93 13 00-0015)*		
32 93 13 00-0021	EA	1 Gallon	13.33	
		For >100, Deduct	*-1.00*	
32 93 13 00-0022		Vines Category C *(32 93 13 00-0015)*		
32 93 13 00-0023	EA	1 Gallon	16.85	
		For >100, Deduct	*-1.26*	
32 93 23		**Plants and Bulbs** *(32 93)*		
		Note: Materials only. See CSI section 32 93 83 00-0057 for installation and planting of bulbs and annuals.		
32 93 23 00-0001		Flowers *(32 93 23)*		
32 93 23 00-0002		Perennials Per Category And Size *(32 93 23 00-0001)*		
		Note: Quarts sold in full flats of 12 each.		
32 93 23 00-0003		Perennials Category A *(32 93 23 00-0002)*		
32 93 23 00-0004	EA	1 Quart	3.11	
		For >100, Deduct	*-0.23*	
32 93 23 00-0005	EA	1 Gallon	17.64	
		For >100, Deduct	*-1.32*	
32 93 23 00-0006	EA	2 Gallon	22.79	
		For >100, Deduct	*-1.71*	
32 93 23 00-0007	EA	3 Gallon	23.32	
		For >100, Deduct	*-1.75*	
32 93 23 00-0008		Perennials Category B *(32 93 23 00-0002)*		
32 93 23 00-0009	EA	1 Quart	3.38	
		For >100, Deduct	*-0.25*	
32 93 23 00-0010	EA	1 Gallon	18.60	
		For >100, Deduct	*-1.40*	
32 93 23 00-0011	EA	3 Gallon	27.07	
		For >100, Deduct	*-2.03*	
32 93 23 00-0012		Perennials Category C *(32 93 23 00-0002)*		
32 93 23 00-0013	EA	1 Quart	7.51	
		For >100, Deduct	*-0.56*	
32 93 23 00-0014	EA	1 Gallon	19.91	
		For >100, Deduct	*-1.49*	
32 93 23 00-0015	EA	3 Gallon	29.14	
		For >100, Deduct	*-2.19*	
32 93 23 00-0016		Perennials Category D *(32 93 23 00-0002)*		
32 93 23 00-0017	EA	1 Quart	8.67	
		For >100, Deduct	*-0.65*	
32 93 23 00-0018	EA	1 Gallon	23.61	
		For >100, Deduct	*-1.77*	
32 93 23 00-0019	EA	3 Gallon	33.16	
		For >100, Deduct	*-2.49*	
32 93 23 00-0020		Perennials Category E *(32 93 23 00-0002)*		
32 93 23 00-0021	EA	1 Quart	10.92	
		For >100, Deduct	*-0.82*	
32 93 23 00-0022	EA	1 Gallon	31.03	
		For >100, Deduct	*-2.33*	
32 93 23 00-0023		Perennials Category F *(32 93 23 00-0002)*		
32 93 23 00-0024	EA	1 Gallon	26.58	
		For >100, Deduct	*-1.99*	
32 93 23 00-0025		Annuals Per Category And Size *(32 93 23 00-0001)*		
		Note: Fertilized and treated prior to pick up.		
32 93 23 00-0026		Annuals *(32 93 23 00-0025)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 23 00-0027	EA	Flat 36	31.44	
		For >100, Deduct	*-2.36*	
32 93 23 00-0028	EA	Flat 48	31.44	
		For >100, Deduct	*-2.36*	
32 93 23 00-0029		**Annuals Category A** *(32 93 23 00-0025)*		
32 93 23 00-0030	EA	4" Pot	6.35	
		For >100, Deduct	*-0.48*	
32 93 23 00-0031	EA	4.5" Pot	8.38	
		For >100, Deduct	*-0.63*	
32 93 23 00-0032	EA	6" Pot	18.92	
		For >100, Deduct	*-1.42*	
32 93 23 00-0033	EA	8" Pot	29.11	
		For >100, Deduct	*-2.18*	
32 93 23 00-0034	EA	5 Gallon	130.99	
		For >100, Deduct	*-9.82*	
32 93 23 00-0035		**Annuals Category B** *(32 93 23 00-0025)*		
32 93 23 00-0036	EA	4" Pot	7.66	
		For >100, Deduct	*-0.57*	
32 93 23 00-0037	EA	4.5" Pot	10.92	
		For >100, Deduct	*-0.82*	
32 93 23 00-0038	EA	6" Pot	23.29	
		For >100, Deduct	*-1.75*	
32 93 23 00-0039		**Annuals Category D** *(32 93 23 00-0025)*		
32 93 23 00-0040	EA	4" Pot	9.08	
		For >100, Deduct	*-0.68*	
32 93 23 00-0041		**Ornamental Grasses Per Category And Size** *(32 93 23 00-0001)*		
32 93 23 00-0042		**Ornamental Grasses Category A** *(32 93 23 00-0041)*		
32 93 23 00-0043	EA	1 Gallon Pots	12.05	
		For >100, Deduct	*-0.90*	
32 93 23 00-0044	EA	3 Gallon Pots	27.86	
		For >100, Deduct	*-2.09*	
32 93 23 00-0045		**Natives Per Category And Size** *(32 93 23 00-0001)*		
32 93 23 00-0046		**Natives Category A Plugs** *(32 93 23 00-0045)*		
		Note: Plugs sold in full flats of 32 each.		
32 93 23 00-0047	EA	Flat of 32	2.71	
32 93 23 00-0048		**Natives Category A** *(32 93 23 00-0045)*		
32 93 23 00-0049	EA	2-1/2 Inch Pot	2.91	
32 93 23 00-0050	EA	1 Gallon	12.46	
32 93 23 00-0051		**Natives Category B** *(32 93 23 00-0045)*		
32 93 23 00-0052	EA	2-1/2 Inch Pot	3.73	
32 93 23 00-0053	EA	1 Gallon	13.45	
32 93 23 00-0054		**Natives Category C** *(32 93 23 00-0045)*		
32 93 23 00-0055	EA	2-1/2 Inch Pot	4.80	
32 93 23 00-0056	EA	1 Gallon	15.19	
32 93 23 00-0057		**Bulbs** *(32 93 23)*		
32 93 23 00-0058	EA	Top Size Allium giganteum - Giant Ornamental Onion	19.55	
32 93 23 00-0059	EA	Top Size Allium sphaerocephalum - Drumstick Ornamental Onion	1.13	
32 93 23 00-0060	EA	Top Size Crocus Hybrid	1.28	
32 93 23 00-0061	EA	Top Size Eranthis hyemalis - Winter Aconite	1.65	
32 93 23 00-0062	EA	Top Size Galanthus nivalis - Snowdrops	2.11	
32 93 23 00-0063	EA	Top Size Iris reticulata cvs - Dutch Iris	0.83	
32 93 23 00-0064	EA	Top Size Muscari armeniacum - Grape Hyacinth	0.98	
32 93 23 00-0065	EA	Top Size Muscari latifolium - Grape Hyacinth	1.13	
32 93 23 00-0066	EA	Narcissus 'Carlton' - Carlton Daffodil DNI	6.77	
32 93 23 00-0067	EA	Narcissus 'Dutch Master' - Dutch Master Daffodil DNI	3.23	
32 93 23 00-0068	EA	Narcissus 'February Gold' - February Gold Daffodil DNI	3.38	
32 93 23 00-0069	EA	Narcissus 'Ice Follies' - Ice Follies Daffodil DNI	3.38	
32 93 23 00-0070	EA	Narcissus 'Mount Hood' - Mount Hood Daffodil DNI	3.53	
32 93 23 00-0071	EA	Narcissus 'Papillon Blanc' - Papillon Blanc Daffodil DNI	3.76	
32 93 23 00-0072	EA	Narcissus 'Pipit' - Pipit Daffodil DNI	3.53	
32 93 23 00-0073	EA	Narcissus 'Salome' - Salome Daffodil DNI	3.31	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 23 00-0074	EA	Narcissus 'Tete A Tete' - Tete A Tete Daffodil DNI	3.53	
32 93 23 00-0075	EA	Narcissus 'Thalia' - Thalia Daffodil DNI	3.53	
32 93 23 00-0076	EA	Top Size Scilla siberica - Siberian Squill	1.05	
32 93 23 00-0077	EA	Top Size Tulip 'Angelique' - Angelique Tulip	3.01	
32 93 23 00-0078	EA	Top Size Tulip 'Apeldoorn' - Apeldoorn Tulip	2.26	
32 93 23 00-0079	EA	Top Size Tulip 'Apricot Beauty' - Apricot Beauty Tulip	3.01	
32 93 23 00-0080	EA	Top Size Tulip 'Big Smile' - Big Smile Tulip	2.63	
32 93 23 00-0081	EA	Top Size Tulip 'Black Parrot' - Black Parrot Tulip	3.76	
32 93 23 00-0082	EA	Top Size Tulip 'Blue Heron' - Blue Heron Tulip	2.86	
32 93 23 00-0083	EA	Top Size Tulip 'Cardinal' - Cardinal Tulip	2.48	
32 93 23 00-0084	EA	Top Size Tulip 'Christmas Marvel' - Christmas Marvel Tulip	2.78	
32 93 23 00-0085	EA	Top Size Tulip clusiana - Species Tulip	2.78	
32 93 23 00-0086	EA	Top Size Tulip 'Elizabeth Arden' - Elizabeth Arden Tulip	2.78	
32 93 23 00-0087	EA	Top Size Tulip 'Golden Apledoorn' - Golden Apledoorn Tulip	2.26	
32 93 23 00-0088	EA	Top Size Tulip 'Golden Emperor' - Golden Emperor Tulip	2.18	
32 93 23 00-0089	EA	Top Size Tulip 'Halcro' - Halcro Tulip	2.26	
32 93 23 00-0090	EA	Top Size Tulip 'Ivory Floridale' - Ivory FloradaleTulip	3.76	
32 93 23 00-0091	EA	Top Size Tulip 'Orange Emperor' - Orange Emperor Tulip	2.26	
32 93 23 00-0092	EA	Top Size Tulip 'Passionale' - Passionale Tulip	3.01	
32 93 23 00-0093	EA	Top Size Tulip 'Peach Blossom' - Peach Blossom Tulip	3.23	
32 93 23 00-0094	EA	Top Size Tulip 'Peer Gynt' - Peer Gynt Tulip	3.38	
32 93 23 00-0095	EA	Top Size Tulip 'Pink Diamond' - Pink Diamond Tulip	2.71	
32 93 23 00-0096	EA	Top Size Tulip 'Pink Emperor' - Pink Emperor Tulip	2.56	
32 93 23 00-0097	EA	Top Size Tulip praetens 'Fusilier' - Praetens Fusilier Tulip	2.78	
32 93 23 00-0098	EA	Top Size Tulip 'Princeps' - Princeps Tulip	2.78	
32 93 23 00-0099	EA	Top Size Tulip 'Red Riding Hood' - Red Riding Hood Tulip	2.18	
32 93 23 00-0100	EA	Top Size Tulip saxatilis - Species Tulip	1.50	
32 93 23 00-0101	EA	Top Size Tulip 'Shirley - Shirley Tulip	2.26	
32 93 23 00-0102	EA	Top Size Tulip 'Spring Green' - Spring Green Tulip	2.93	
32 93 23 00-0103	EA	Top Size Tulip 'White Emperor' - White Emperor Tulip	2.26	

32 93 33 Shrubs *(32 93)*

Note: (cvs = cultivar or cultivated varities) materials only. See CSI section 32 93 83 00-0033 for installation and planting of shurbs.

32 93 33 00-0001 Shrubs *(32 93 33)*

32 93 33 00-0002	EA	3 Gallon Aesculus parviflora 'Rogers' - Rogers Bottlebrush Buckeye	101.16	
		For 2 Years Warranty, Add	*25.29*	
32 93 33 00-0003	EA	18" Balled and Burlapped, Aesculus parviflora 'Rogers' - Rogers Bottlebrush Buckeye	147.84	
		For 2 Years Warranty, Add	*36.96*	
32 93 33 00-0004	EA	24" Balled and Burlapped, Aesculus parviflora 'Rogers' - Rogers Bottlebrush Buckeye	164.96	
		For 2 Years Warranty, Add	*41.24*	
32 93 33 00-0005	EA	30" Balled and Burlapped, Aesculus parviflora 'Rogers' - Rogers Bottlebrush Buckeye	208.54	
		For 2 Years Warranty, Add	*52.14*	
32 93 33 00-0006	EA	36" Balled and Burlapped, Aesculus parviflora 'Rogers' - Rogers Bottlebrush Buckeye	231.88	
		For 2 Years Warranty, Add	*57.97*	
32 93 33 00-0007	EA	18" Balled and Burlapped, Aesculus parviflora - Bottlebrush Buckeye	46.69	
		For 2 Years Warranty, Add	*11.67*	
32 93 33 00-0008	EA	24" Balled and Burlapped, Aesculus parviflora - Bottlebrush Buckeye	62.25	
		For 2 Years Warranty, Add	*15.56*	
32 93 33 00-0009	EA	30" Balled and Burlapped, Aesculus parviflora - Bottlebrush Buckeye	77.81	
		For 2 Years Warranty, Add	*19.45*	
32 93 33 00-0010	EA	36" Balled and Burlapped, Aronia arbutifolia & cvs - Red Chokeberry	42.46	
		For 2 Years Warranty, Add	*10.62*	
32 93 33 00-0011	EA	42" Balled and Burlapped, Aronia arbutifolia & cvs - Red Chokeberry	49.95	
		For 2 Years Warranty, Add	*12.49*	
32 93 33 00-0012	EA	48" Balled and Burlapped, Aronia arbutifolia & cvs - Red Chokeberry	59.94	
		For 2 Years Warranty, Add	*14.99*	
32 93 33 00-0013	EA	60" Balled and Burlapped, Aronia arbutifolia & cvs - Red Chokeberry	69.93	
		For 2 Years Warranty, Add	*17.48*	
32 93 33 00-0014	EA	72" Balled and Burlapped, Aronia arbutifolia & cvs - Red Chokeberry	84.92	
		For 2 Years Warranty, Add	*21.23*	
32 93 33 00-0015	EA	36" Balled and Burlapped, Aronia melanocarpa & cvs - Black Chokeberry	41.21	
		For 2 Years Warranty, Add	*10.30*	
32 93 33 00-0016	EA	42" Balled and Burlapped, Aronia melanocarpa & cvs - Black Chokeberry	43.71	
		For 2 Years Warranty, Add	*10.93*	
32 93 33 00-0017	EA	48" Balled and Burlapped, Aronia melanocarpa & cvs - Black Chokeberry	46.21	
		For 2 Years Warranty, Add	*11.55*	
32 93 33 00-0018	EA	60" Balled and Burlapped, Aronia melanocarpa & cvs - Black Chokeberry	52.45	
		For 2 Years Warranty, Add	*13.11*	
32 93 33 00-0019	EA	36" Balled and Burlapped, Aronia prunifolia - Purple-Fruited Chokeberry	41.84	
		For 2 Years Warranty, Add	*10.46*	
32 93 33 00-0020	EA	42" Balled and Burlapped, Aronia prunifolia - Purple-Fruited Chokeberry	44.33	
		For 2 Years Warranty, Add	*11.08*	
32 93 33 00-0021	EA	48" Balled and Burlapped, Aronia prunifolia - Purple-Fruited Chokeberry	46.83	
		For 2 Years Warranty, Add	*11.71*	
32 93 33 00-0022	EA	60" Balled and Burlapped, Aronia prunifolia - Purple-Fruited Chokeberry	49.33	
		For 2 Years Warranty, Add	*12.33*	
32 93 33 00-0023	EA	5 Gallon Buxus microphylla & cvs - Little leaf Boxwood	114.89	
		For 2 Years Warranty, Add	*28.72*	
32 93 33 00-0024	EA	18" Balled and Burlapped, Buxus microphylla & cvs - Little leaf Boxwood	62.44	
		For 2 Years Warranty, Add	*15.61*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 33 00-0025	EA	24" Balled and Burlapped, Buxus microphylla & cvs - Little leaf Boxwood	84.92	
		For 2 Years Warranty, Add	*21.23*	
32 93 33 00-0026	EA	30" Balled and Burlapped, Buxus microphylla & cvs - Little leaf Boxwood	114.89	
		For 2 Years Warranty, Add	*28.72*	
32 93 33 00-0027	EA	5 Gallon Calycanthus floridus - Common Sweetshrub	41.21	
		For 2 Years Warranty, Add	*10.30*	
32 93 33 00-0028	EA	30" Balled and Burlapped, Calycanthus floridus - Common Sweetshrub	37.46	
		For 2 Years Warranty, Add	*9.37*	
32 93 33 00-0029	EA	36" Balled and Burlapped, Calycanthus floridus - Common Sweetshrub	49.95	
		For 2 Years Warranty, Add	*12.49*	
32 93 33 00-0030	EA	5 Gallon Ceanothus americanus - New Jersey Tea	41.21	
		For 2 Years Warranty, Add	*10.30*	
32 93 33 00-0031	EA	5 Gallon Celastrus scandens - Bittersweet	41.21	
		For 2 Years Warranty, Add	*10.30*	
32 93 33 00-0032	EA	36" Balled and Burlapped, Celastrus scandens - Bittersweet	34.97	
		For 2 Years Warranty, Add	*8.74*	
32 93 33 00-0033	EA	5 Gallon Cephalanthus occidentalis - Buttonbush	41.21	
		For 2 Years Warranty, Add	*10.30*	
32 93 33 00-0034	EA	24" Balled and Burlapped, Cephalanthus occidentalis - Buttonbush	31.22	
		For 2 Years Warranty, Add	*7.81*	
32 93 33 00-0035	EA	30" Balled and Burlapped, Cephalanthus occidentalis - Buttonbush	34.97	
		For 2 Years Warranty, Add	*8.74*	
32 93 33 00-0036	EA	36" Balled and Burlapped, Cephalanthus occidentalis - Buttonbush	37.46	
		For 2 Years Warranty, Add	*9.37*	
32 93 33 00-0037	EA	3 Gallon Clethra alnifolia & cvs - Summersweet Clethra	39.96	
		For 2 Years Warranty, Add	*9.99*	
32 93 33 00-0038	EA	18" Balled and Burlapped, Clethra alnifolia & cvs - Summersweet Clethra	43.08	
		For 2 Years Warranty, Add	*10.77*	
32 93 33 00-0039	EA	24" Balled and Burlapped, Clethra alnifolia & cvs - Summersweet Clethra	48.08	
		For 2 Years Warranty, Add	*12.02*	
32 93 33 00-0040	EA	30" Balled and Burlapped, Clethra alnifolia & cvs - Summersweet Clethra	50.58	
		For 2 Years Warranty, Add	*12.65*	
32 93 33 00-0041	EA	36" Balled and Burlapped, Clethra alnifolia & cvs - Summersweet Clethra	59.32	
		For 2 Years Warranty, Add	*14.83*	
32 93 33 00-0042	EA	5 Gallon Cornus alba & cvs - Tartarian Dogwood	37.46	
		For 2 Years Warranty, Add	*9.37*	
32 93 33 00-0043	EA	36" Balled and Burlapped, Cornus alba & cvs - Tartarian Dogwood	26.23	
		For 2 Years Warranty, Add	*6.56*	
32 93 33 00-0044	EA	48" Balled and Burlapped, Cornus alba & cvs - Tartarian Dogwood	29.97	
		For 2 Years Warranty, Add	*7.49*	
32 93 33 00-0045	EA	60" Balled and Burlapped, Cornus alba & cvs - Tartarian Dogwood	37.46	
		For 2 Years Warranty, Add	*9.37*	
32 93 33 00-0046	EA	72" Balled and Burlapped, Cornus alba & cvs - Tartarian Dogwood	44.96	
		For 2 Years Warranty, Add	*11.24*	
32 93 33 00-0047	EA	36" Balled and Burlapped, Cornus amomum - Silky Dogwood	37.46	
		For 2 Years Warranty, Add	*9.37*	
32 93 33 00-0048	EA	5 Gallon Cornus obliqua - Blue Fruited Dogwood	41.21	
		For 2 Years Warranty, Add	*10.30*	
32 93 33 00-0049	EA	5 Gallon Cornus racemosa - Gray Dogwood	41.21	
		For 2 Years Warranty, Add	*10.30*	
32 93 33 00-0050	EA	36" Balled and Burlapped, Cornus racemosa - Gray Dogwood	37.46	
		For 2 Years Warranty, Add	*9.37*	
32 93 33 00-0051	EA	48" Balled and Burlapped, Cornus racemosa - Gray Dogwood	43.71	
		For 2 Years Warranty, Add	*10.93*	
32 93 33 00-0052	EA	60" Balled and Burlapped, Cornus racemosa - Gray Dogwood	47.46	
		For 2 Years Warranty, Add	*11.87*	
32 93 33 00-0053	EA	72" Balled and Burlapped, Cornus racemosa - Gray Dogwood	57.45	
		For 2 Years Warranty, Add	*14.36*	
32 93 33 00-0054	EA	36" Balled and Burlapped, Cornus sanguinea & cvs - Bloodtwig Dogwood	40.59	
		For 2 Years Warranty, Add	*10.15*	
32 93 33 00-0055	EA	48" Balled and Burlapped, Cornus sanguinea & cvs - Bloodtwig Dogwood	45.58	
		For 2 Years Warranty, Add	*11.40*	
32 93 33 00-0056	EA	60" Balled and Burlapped, Cornus sanguinea & cvs - Bloodtwig Dogwood	51.83	
		For 2 Years Warranty, Add	*12.96*	
32 93 33 00-0057	EA	Cornus sericea & cvs - Redosier Dogwood 24 inch b & b (Red Twig)	32.47	
		For 2 Years Warranty, Add	*8.12*	
32 93 33 00-0058	EA	Cornus sericea & cvs - Redosier Dogwood 30 inch b & b (Red Twig)	37.46	
		For 2 Years Warranty, Add	*9.37*	
32 93 33 00-0059	EA	Cornus sericea & cvs - Redosier Dogwood 36 inch b & b (Red Twig)	39.96	
		For 2 Years Warranty, Add	*9.99*	
32 93 33 00-0060	EA	Cornus sericea & cvs - Redosier Dogwood 48 inch b & b (Red Twig)	43.71	
		For 2 Years Warranty, Add	*10.93*	
32 93 33 00-0061	EA	Cornus sericea & cvs - Redosier Dogwood 60 inch b & b (Red Twig)	48.70	
		For 2 Years Warranty, Add	*12.18*	
32 93 33 00-0062	EA	5 Gallon Corylus americana - American Filbert	38.71	
		For 2 Years Warranty, Add	*9.68*	
32 93 33 00-0063	EA	30" Balled and Burlapped, Corylus americana - American Filbert	43.71	
		For 2 Years Warranty, Add	*10.93*	
32 93 33 00-0064	EA	36" Balled and Burlapped, Corylus americana - American Filbert	46.83	
		For 2 Years Warranty, Add	*11.71*	
32 93 33 00-0065	EA	48" Balled and Burlapped, Corylus americana - American Filbert	50.58	
		For 2 Years Warranty, Add	*12.65*	
32 93 33 00-0066	EA	24" Balled and Burlapped, Corylus avellena - Contorted Hazelnut	124.88	
		For 2 Years Warranty, Add	*31.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 33 00-0067	EA	30" Balled and Burlapped, Corylus avellena - Contorted Hazelnut	162.35	
		For 2 Years Warranty, Add	*40.59*	
32 93 33 00-0068	EA	36" Balled and Burlapped, Corylus avellena - Contorted Hazelnut	174.84	
		For 2 Years Warranty, Add	*43.71*	
32 93 33 00-0069	EA	42" Balled and Burlapped, Corylus avellena - Contorted Hazelnut	224.79	
		For 2 Years Warranty, Add	*56.20*	
32 93 33 00-0070	EA	48" Balled and Burlapped, Corylus avellena - Contorted Hazelnut	274.74	
		For 2 Years Warranty, Add	*68.69*	
32 93 33 00-0071	EA	60" Balled and Burlapped, Corylus avellena - Contorted Hazelnut	312.21	
		For 2 Years Warranty, Add	*78.05*	
32 93 33 00-0072	EA	5 Gallon Cotoneaster acutifolia & cvs - Peking Cotoneaster	31.22	
		For 2 Years Warranty, Add	*7.81*	
32 93 33 00-0073	EA	18" Balled and Burlapped, Cotoneaster acutifolia & cvs - Peking Cotoneaster	31.22	
		For 2 Years Warranty, Add	*7.81*	
32 93 33 00-0074	EA	24" Balled and Burlapped, Cotoneaster acutifolia & cvs - Peking Cotoneaster	32.47	
		For 2 Years Warranty, Add	*8.12*	
32 93 33 00-0075	EA	3 Gallon Cotoneaster apiculata & cvs - Cranberry Cotoneaster	32.47	
		For 2 Years Warranty, Add	*8.12*	
32 93 33 00-0076	EA	18" Balled and Burlapped, Cotoneaster apiculata & cvs - Cranberry Cotoneaster	31.22	
		For 2 Years Warranty, Add	*7.81*	
32 93 33 00-0077	EA	24" Balled and Burlapped, Cotoneaster apiculata & cvs - Cranberry Cotoneaster	32.47	
		For 2 Years Warranty, Add	*8.12*	
32 93 33 00-0078	EA	1 Gallon Cotoneaster divaricatus - Spreading Cotoneaster	12.88	
		For 2 Years Warranty, Add	*3.22*	
32 93 33 00-0079	EA	2' To 3' Cotoneaster divaricatus - Spreading Cotoneaster	39.85	
		For 2 Years Warranty, Add	*9.96*	
32 93 33 00-0080	EA	3' To 4' Cotoneaster divaricatus - Spreading Cotoneaster	53.80	
		For 2 Years Warranty, Add	*13.45*	
32 93 33 00-0081	EA	4' To 5' Cotoneaster divaricatus - Spreading Cotoneaster	91.09	
		For 2 Years Warranty, Add	*22.77*	
32 93 33 00-0082	EA	1 Gallon Cotoneaster horizontalis - Rockspray Cotoneaster	12.88	
		For 2 Years Warranty, Add	*3.22*	
32 93 33 00-0083	EA	2 Gallon Cotoneaster horizontalis - Rockspray Cotoneaster	25.36	
		For 2 Years Warranty, Add	*6.34*	
32 93 33 00-0084	EA	18" Balled and Burlapped, Deutzia gracilis - Slender Deutzia	31.85	
		For 2 Years Warranty, Add	*7.96*	
32 93 33 00-0085	EA	24" Balled and Burlapped, Deutzia gracilis - Slender Deutzia	34.97	
		For 2 Years Warranty, Add	*8.74*	
32 93 33 00-0086	EA	30" Balled and Burlapped, Deutzia gracilis - Slender Deutzia	44.96	
		For 2 Years Warranty, Add	*11.24*	
32 93 33 00-0087	EA	36" Balled and Burlapped, Deutzia gracilis - Slender Deutzia	52.45	
		For 2 Years Warranty, Add	*13.11*	
32 93 33 00-0088	EA	42" Balled and Burlapped, Deutzia gracilis - Slender Deutzia	59.94	
		For 2 Years Warranty, Add	*14.99*	
32 93 33 00-0089	EA	24" Balled and Burlapped, Diervilla sessilifolia - Southern Bush Honeysuckle	49.95	
		For 2 Years Warranty, Add	*12.49*	
32 93 33 00-0090	EA	30" Balled and Burlapped, Diervilla sessilifolia - Southern Bush Honeysuckle	59.94	
		For 2 Years Warranty, Add	*14.99*	
32 93 33 00-0091	EA	36" Balled and Burlapped, Diervilla sessilifolia - Southern Bush Honeysuckle	69.93	
		For 2 Years Warranty, Add	*17.48*	
32 93 33 00-0092	EA	2 Gallon Diervilla splendens - Splendens Bush Honeysuckle	18.73	
		For 2 Years Warranty, Add	*4.68*	
32 93 33 00-0093	EA	36" Balled and Burlapped, Diervilla splendens - Splendens Bush Honeysuckle	44.96	
		For 2 Years Warranty, Add	*11.24*	
32 93 33 00-0094	EA	48" Balled and Burlapped, Diervilla splendens - Splendens Bush Honeysuckle	59.94	
		For 2 Years Warranty, Add	*14.99*	
32 93 33 00-0095	EA	30" Balled and Burlapped, Euonymus alatus compactus - Compact Winged Euonymus	56.20	
		For 2 Years Warranty, Add	*14.05*	
32 93 33 00-0096	EA	36" Balled and Burlapped, Euonymus alatus compactus - Compact Winged Euonymus	66.81	
		For 2 Years Warranty, Add	*16.70*	
32 93 33 00-0097	EA	42" Balled and Burlapped, Euonymus alatus compactus - Compact Winged Euonymus	87.42	
		For 2 Years Warranty, Add	*21.86*	
32 93 33 00-0098	EA	48" Balled and Burlapped, Euonymus alatus compactus - Compact Winged Euonymus	104.90	
		For 2 Years Warranty, Add	*26.23*	
32 93 33 00-0099	EA	60" Balled and Burlapped, Euonymus alatus compactus - Compact Winged Euonymus	129.88	
		For 2 Years Warranty, Add	*32.47*	
32 93 33 00-0100	EA	36" Balled and Burlapped, Euonymus atropurpurea - Eastern Wahoo	33.72	
		For 2 Years Warranty, Add	*8.43*	
32 93 33 00-0101	EA	30" Balled and Burlapped, Forsythia cvs - Forsythia cultivars	28.72	
		For 2 Years Warranty, Add	*7.18*	
32 93 33 00-0102	EA	36" Balled and Burlapped, Forsythia cvs - Forsythia cultivars	31.85	
		For 2 Years Warranty, Add	*7.96*	
32 93 33 00-0103	EA	48" Balled and Burlapped, Forsythia cvs - Forsythia cultivars	34.34	
		For 2 Years Warranty, Add	*8.59*	
32 93 33 00-0104	EA	18" Balled and Burlapped, Forsythia viridissima & cvs - Green Forsythia	29.97	
		For 2 Years Warranty, Add	*7.49*	
32 93 33 00-0105	EA	24" Balled and Burlapped, Forsythia viridissima & cvs - Green Forsythia	39.96	
		For 2 Years Warranty, Add	*9.99*	
32 93 33 00-0106	EA	24" Balled and Burlapped, Forsythia x intermedia & cvs - Border Forsythia	29.97	
		For 2 Years Warranty, Add	*7.49*	
32 93 33 00-0107	EA	30" Balled and Burlapped, Forsythia x intermedia & cvs - Border Forsythia	34.97	
		For 2 Years Warranty, Add	*8.74*	
32 93 33 00-0108	EA	36" Balled and Burlapped, Forsythia x intermedia & cvs - Border Forsythia	41.21	
		For 2 Years Warranty, Add	*10.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 33 00-0109	EA	42" Balled and Burlapped, Forsythia x intermedia & cvs - Border Forsythia	47.46	
		For 2 Years Warranty, Add	*11.87*	
32 93 33 00-0110	EA	48" Balled and Burlapped, Forsythia x intermedia & cvs - Border Forsythia	54.95	
		For 2 Years Warranty, Add	*13.74*	
32 93 33 00-0111	EA	2 Gallon Fothergilla gardenii & cvs - Dwarf Fothergilla	42.46	
		For 2 Years Warranty, Add	*10.62*	
32 93 33 00-0112	EA	3 Gallon Fothergilla gardenii & cvs - Dwarf Fothergilla	59.32	
		For 2 Years Warranty, Add	*14.83*	
32 93 33 00-0113	EA	5 Gallon Fothergilla gardenii & cvs - Dwarf Fothergilla	62.44	
		For 2 Years Warranty, Add	*15.61*	
32 93 33 00-0114	EA	15" Balled and Burlapped, Fothergilla gardenii & cvs - Dwarf Fothergilla	64.94	
		For 2 Years Warranty, Add	*16.24*	
32 93 33 00-0115	EA	18" Balled and Burlapped, Fothergilla gardenii & cvs - Dwarf Fothergilla	69.93	
		For 2 Years Warranty, Add	*17.48*	
32 93 33 00-0116	EA	24" Balled and Burlapped, Fothergilla gardenii & cvs - Dwarf Fothergilla	84.92	
		For 2 Years Warranty, Add	*21.23*	
32 93 33 00-0117	EA	24" Balled and Burlapped, Fothergilla major - Large Fothergilla	109.90	
		For 2 Years Warranty, Add	*27.48*	
32 93 33 00-0118	EA	30" Balled and Burlapped, Fothergilla major - Large Fothergilla	124.88	
		For 2 Years Warranty, Add	*31.22*	
32 93 33 00-0119	EA	36" Balled and Burlapped, Hamamelis vernalis & cvs - Vernal Witchhazel	87.42	
		For 2 Years Warranty, Add	*21.86*	
32 93 33 00-0120	EA	48" Balled and Burlapped, Hamamelis vernalis & cvs - Vernal Witchhazel	142.37	
		For 2 Years Warranty, Add	*35.59*	
32 93 33 00-0121	EA	60" Balled and Burlapped, Hamamelis vernalis & cvs - Vernal Witchhazel	179.83	
		For 2 Years Warranty, Add	*44.96*	
32 93 33 00-0122	EA	72" Balled and Burlapped, Hamamelis vernalis & cvs - Vernal Witchhazel	274.74	
		For 2 Years Warranty, Add	*68.69*	
32 93 33 00-0123	EA	84" Balled and Burlapped, Hamamelis vernalis & cvs - Vernal Witchhazel	312.21	
		For 2 Years Warranty, Add	*78.05*	
32 93 33 00-0124	EA	5 Gallon Hydrangea arborescens & cvs - Smooth Hydrangea	43.71	
		For 2 Years Warranty, Add	*10.93*	
32 93 33 00-0125	EA	30" Balled and Burlapped, Hydrangea arborescens & cvs - Smooth Hydrangea	47.46	
		For 2 Years Warranty, Add	*11.87*	
32 93 33 00-0126	EA	36" Balled and Burlapped, Hydrangea arborescens & cvs - Smooth Hydrangea	54.95	
		For 2 Years Warranty, Add	*13.74*	
32 93 33 00-0127	EA	4 Gallon Hydrangea macrophylla & cvs - Bigleaf Hydrangea	57.45	
		For 2 Years Warranty, Add	*14.36*	
32 93 33 00-0128	EA	18" Balled and Burlapped, Hydrangea macrophylla & cvs - Bigleaf Hydrangea	44.96	
		For 2 Years Warranty, Add	*11.24*	
32 93 33 00-0129	EA	24" Balled and Burlapped, Hydrangea macrophylla & cvs - Bigleaf Hydrangea	59.94	
		For 2 Years Warranty, Add	*14.99*	
32 93 33 00-0130	EA	3 Gallon Hydrangea paniculata & cvs - Panicle Hydrangea	26.23	
		For 2 Years Warranty, Add	*6.56*	
32 93 33 00-0131	EA	5 Gallon Hydrangea paniculata & cvs - Panicle Hydrangea	31.22	
		For 2 Years Warranty, Add	*7.81*	
32 93 33 00-0132	EA	Hydrangea paniculata & cvs - Panicle Hydrangea 18 inch b & b (Tardiva Hydranga)	26.85	
		For 2 Years Warranty, Add	*6.71*	
32 93 33 00-0133	EA	Hydrangea paniculata & cvs - Panicle Hydrangea 24 inch b & b (Tardiva Hydranga)	28.72	
		For 2 Years Warranty, Add	*7.18*	
32 93 33 00-0134	EA	Hydrangea paniculata & cvs - Panicle Hydrangea 30 inch b & b (Tardiva Hydranga)	32.47	
		For 2 Years Warranty, Add	*8.12*	
32 93 33 00-0135	EA	Hydrangea paniculata & cvs - Panicle Hydrangea 36 inch b & b (Tardiva Hydranga)	37.46	
		For 2 Years Warranty, Add	*9.37*	
32 93 33 00-0136	EA	Hydrangea paniculata & cvs - Panicle Hydrangea 48 inch b & b (Tardiva Hydranga)	49.95	
		For 2 Years Warranty, Add	*12.49*	
32 93 33 00-0137	EA	18" Balled and Burlapped, Hydrangea quercifolia & cvs - Oakleaf Hydrangea	36.22	
		For 2 Years Warranty, Add	*9.06*	
32 93 33 00-0138	EA	24" Balled and Burlapped, Hydrangea quercifolia & cvs - Oakleaf Hydrangea	41.21	
		For 2 Years Warranty, Add	*10.30*	
32 93 33 00-0139	EA	30" Balled and Burlapped, Hydrangea quercifolia & cvs - Oakleaf Hydrangea	48.70	
		For 2 Years Warranty, Add	*12.18*	
32 93 33 00-0140	EA	3 Gallon Hypericum kalmianun - Kalm St. John's Wort	29.97	
		For 2 Years Warranty, Add	*7.49*	
32 93 33 00-0141	EA	24" Balled and Burlapped, Hypericum kalmianun - Kalm St. John's Wort	32.47	
		For 2 Years Warranty, Add	*8.12*	
32 93 33 00-0142	EA	18" Balled and Burlapped, Ilex glabra compacta & cvs - Compact Inkberry Holly	38.71	
		For 2 Years Warranty, Add	*9.68*	
32 93 33 00-0143	EA	24" Balled and Burlapped, Ilex glabra compacta & cvs - Compact Inkberry Holly	43.71	
		For 2 Years Warranty, Add	*10.93*	
32 93 33 00-0144	EA	3 Gallon Ilex meserveae & cvs - Blue Holly	49.95	
		For 2 Years Warranty, Add	*12.49*	
32 93 33 00-0145	EA	18" Balled and Burlapped, Ilex meserveae & cvs - Blue Holly	46.21	
		For 2 Years Warranty, Add	*11.55*	
32 93 33 00-0146	EA	24" Balled and Burlapped, Ilex meservae & cvs - Blue Holly	56.20	
		For 2 Years Warranty, Add	*14.05*	
32 93 33 00-0147	EA	5 Gallon Ilex verticillata & cvs - Common Winterberry	41.21	
		For 2 Years Warranty, Add	*10.30*	
32 93 33 00-0148	EA	24" Balled and Burlapped, Ilex verticillata & cvs - Common Winterberry	41.21	
		For 2 Years Warranty, Add	*10.30*	
32 93 33 00-0149	EA	30" Balled and Burlapped, Ilex verticillata & cvs - Common Winterberry	43.71	
		For 2 Years Warranty, Add	*10.93*	
32 93 33 00-0150	EA	36" Balled and Burlapped, Ilex verticillata & cvs - Common Winterberry	52.45	
		For 2 Years Warranty, Add	*13.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 33 00-0151	EA	42" Balled and Burlapped, Ilex verticillata & cvs - Common Winterberry	58.69	
		For 2 Years Warranty, Add	*14.67*	
32 93 33 00-0152	EA	48" Balled and Burlapped, Ilex verticillata & cvs - Common Winterberry	62.44	
		For 2 Years Warranty, Add	*15.61*	
32 93 33 00-0153	EA	60" Balled and Burlapped, Ilex verticillata & cvs - Common Winterberry	79.92	
		For 2 Years Warranty, Add	*19.98*	
32 93 33 00-0154	EA	3 Gallon Juniperus chinesis cvs - Chinese Juniper	43.71	
		For 2 Years Warranty, Add	*10.93*	
32 93 33 00-0155	EA	5 Gallon Juniperus chinesis cvs - Chinese Juniper	48.70	
		For 2 Years Warranty, Add	*12.18*	
32 93 33 00-0156	EA	Juniperus chinesis cvs - Chinese Juniper cultivars 18 inch b & b (Sea Green Juniper)	64.94	
		For 2 Years Warranty, Add	*16.24*	
32 93 33 00-0157	EA	Juniperus chinesis cvs - Chinese Juniper cultivars 24 inch b & b (Sea Green Juniper)	84.92	
		For 2 Years Warranty, Add	*21.23*	
32 93 33 00-0158	EA	Juniperus chinesis cvs - Chinese Juniper cultivars 30 inch b & b (Sea Green Juniper)	99.91	
		For 2 Years Warranty, Add	*24.98*	
32 93 33 00-0159	EA	Juniperus chinesis cvs - Chinese Juniper cultivars 36 inch b & b (Sea Green Juniper)	134.87	
		For 2 Years Warranty, Add	*33.72*	
32 93 33 00-0160	EA	Juniperus chinesis cvs - Chinese Juniper cultivars 48 inch b & b (Sea Green Juniper)	184.83	
		For 2 Years Warranty, Add	*46.21*	
32 93 33 00-0161	EA	1 Gallon Juniperus horizontalis cvs - Creeping Juniper	20.82	
		For 2 Years Warranty, Add	*5.21*	
32 93 33 00-0162	EA	3 Gallon Juniperus horizontalis cvs - Creeping Juniper	43.71	
		For 2 Years Warranty, Add	*10.93*	
32 93 33 00-0163	EA	5 Gallon Juniperus horizontalis cvs - Creeping Juniper	48.70	
		For 2 Years Warranty, Add	*12.18*	
32 93 33 00-0164	EA	15" Balled and Burlapped, Juniperus horizontalis cvs - Creeping Juniper	52.45	
		For 2 Years Warranty, Add	*13.11*	
32 93 33 00-0165	EA	18" Balled and Burlapped, Juniperus horizontalis cvs - Creeping Juniper	57.45	
		For 2 Years Warranty, Add	*14.36*	
32 93 33 00-0166	EA	24" Balled and Burlapped, Juniperus horizontalis cvs - Creeping Juniper	69.93	
		For 2 Years Warranty, Add	*17.48*	
32 93 33 00-0167	EA	30" Balled and Burlapped, Juniperus horizontalis cvs - Creeping Juniper	84.92	
		For 2 Years Warranty, Add	*21.23*	
32 93 33 00-0168	EA	3 Gallon Juniperus procumbens cvs - Japanese Garden Juniper	33.72	
		For 2 Years Warranty, Add	*8.43*	
32 93 33 00-0169	EA	18" Balled and Burlapped, Juniperus procumbens cvs - Japanese Garden Juniper	39.96	
		For 2 Years Warranty, Add	*9.99*	
32 93 33 00-0170	EA	24" Balled and Burlapped, Juniperus procumbens cvs - Japanese Garden Juniper	54.95	
		For 2 Years Warranty, Add	*13.74*	
32 93 33 00-0171	EA	30" Balled and Burlapped, Juniperus procumbens cvs - Japanese Garden Juniper	69.93	
		For 2 Years Warranty, Add	*17.48*	
32 93 33 00-0172	EA	36" Balled and Burlapped, Juniperus procumbens cvs - Japanese Garden Juniper	84.92	
		For 2 Years Warranty, Add	*21.23*	
32 93 33 00-0173	EA	3 Gallon Juniperus sabina cvs - Savin Juniper	31.22	
		For 2 Years Warranty, Add	*7.81*	
32 93 33 00-0174	EA	5 Gallon Juniperus sabina cvs - Savin Juniper	37.46	
		For 2 Years Warranty, Add	*9.37*	
32 93 33 00-0175	EA	4 Gallon Juniperus virginiana cvs - Red Cedar Juniper	32.47	
		For 2 Years Warranty, Add	*8.12*	
32 93 33 00-0176	EA	36" Balled and Burlapped, Juniperus virginiana cvs - Red Cedar Juniper	62.44	
		For 2 Years Warranty, Add	*15.61*	
32 93 33 00-0177	EA	48" Balled and Burlapped, Juniperus virginiana cvs - Red Cedar Juniper	97.41	
		For 2 Years Warranty, Add	*24.35*	
32 93 33 00-0178	EA	60" Balled and Burlapped, Juniperus virginiana cvs - Red Cedar Juniper	122.38	
		For 2 Years Warranty, Add	*30.60*	
32 93 33 00-0179	EA	24" Balled and Burlapped, Kolkwitzia amabilis & cvs - Beautybush	36.22	
		For 2 Years Warranty, Add	*9.06*	
32 93 33 00-0180	EA	30" Balled and Burlapped, Kolkwitzia amabilis & cvs - Beautybush	41.21	
		For 2 Years Warranty, Add	*10.30*	
32 93 33 00-0181	EA	36" Balled and Burlapped, Kolkwitzia amabilis & cvs - Beautybush	44.96	
		For 2 Years Warranty, Add	*11.24*	
32 93 33 00-0182	EA	42" Balled and Burlapped, Kolkwitzia amabilis & cvs - Beautybush	52.45	
		For 2 Years Warranty, Add	*13.11*	
32 93 33 00-0183	EA	48" Balled and Burlapped, Kolkwitzia amabilis & cvs - Beautybush	59.94	
		For 2 Years Warranty, Add	*14.99*	
32 93 33 00-0184	EA	60" Balled and Burlapped, Kolkwitzia amabilis & cvs - Beautybush	74.93	
		For 2 Years Warranty, Add	*18.73*	
32 93 33 00-0185	EA	1 Gallon Lagerstroemia indica - Crape Myrtle	8.59	
		For 2 Years Warranty, Add	*2.15*	
32 93 33 00-0186	EA	5 Gallon Lagerstroemia indica - Crape Myrtle	30.59	
		For 2 Years Warranty, Add	*7.65*	
32 93 33 00-0187	EA	3' To 4' Lagerstroemia indica - Crape Myrtle	42.66	
		For 2 Years Warranty, Add	*10.67*	
32 93 33 00-0188	EA	4' To 5' Lagerstroemia indica - Crape Myrtle	62.65	
		For 2 Years Warranty, Add	*15.66*	
32 93 33 00-0189	EA	5' To 6' Lagerstroemia indica - Crape Myrtle	99.55	
		For 2 Years Warranty, Add	*24.89*	
32 93 33 00-0190	EA	7' To 8' Lagerstroemia indica - Crape Myrtle	129.25	
		For 2 Years Warranty, Add	*32.31*	
32 93 33 00-0191	EA	9' To 10' Lagerstroemia indica - Crape Myrtle	172.34	
		For 2 Years Warranty, Add	*43.09*	
32 93 33 00-0192	EA	11' To 12' Lagerstroemia indica - Crape Myrtle	359.04	
		For 2 Years Warranty, Add	*89.76*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 33 00-0193	EA	1 Gallon Leucothoe axillaris - Coast Leucothoe	12.88	
		For 2 Years Warranty, Add	*3.22*	
32 93 33 00-0194	EA	2 Gallon Leucothoe axillaris - Coast Leucothoe	28.17	
		For 2 Years Warranty, Add	*7.04*	
32 93 33 00-0195	EA	36" Balled and Burlapped, Ligustrum vulgare & cvs - Common Privet	37.46	
		For 2 Years Warranty, Add	*9.37*	
32 93 33 00-0196	EA	48" Balled and Burlapped, Ligustrum vulgare & cvs - Common Privet	54.95	
		For 2 Years Warranty, Add	*13.74*	
32 93 33 00-0197	EA	60" Balled and Burlapped, Ligustrum vulgare & cvs - Common Privet	69.93	
		For 2 Years Warranty, Add	*17.48*	
32 93 33 00-0198	EA	72" Balled and Burlapped, Ligustrum vulgare & cvs - Common Privet	79.92	
		For 2 Years Warranty, Add	*19.98*	
32 93 33 00-0199	EA	5 Gallon Lindera benzoin - Spicebush	41.21	
		For 2 Years Warranty, Add	*10.30*	
32 93 33 00-0200	EA	36" Balled and Burlapped, Lindera benzoin - Spicebush	34.97	
		For 2 Years Warranty, Add	*8.74*	
32 93 33 00-0201	EA	48" Balled and Burlapped, Lindera benzoin - Spicebush	42.46	
		For 2 Years Warranty, Add	*10.62*	
32 93 33 00-0202	EA	30" Balled and Burlapped, Lonicera tatarica & cvs - Tatarian Honeysuckle	37.46	
		For 2 Years Warranty, Add	*9.37*	
32 93 33 00-0203	EA	36" Balled and Burlapped, Lonicera tatarica & cvs - Tatarian Honeysuckle	44.96	
		For 2 Years Warranty, Add	*11.24*	
32 93 33 00-0204	EA	42" Balled and Burlapped, Lonicera tatarica & cvs - Tatarian Honeysuckle	49.95	
		For 2 Years Warranty, Add	*12.49*	
32 93 33 00-0205	EA	48" Balled and Burlapped, Lonicera tatarica & cvs - Tatarian Honeysuckle	54.95	
		For 2 Years Warranty, Add	*13.74*	
32 93 33 00-0206	EA	3 Gallon Myrica pensylvanica - Northern Bayberry	37.46	
		For 2 Years Warranty, Add	*9.37*	
32 93 33 00-0207	EA	24" Balled and Burlapped, Myrica pensylvanica - Northern Bayberry	61.19	
		For 2 Years Warranty, Add	*15.30*	
32 93 33 00-0208	EA	30" Balled and Burlapped, Myrica pensylvanica - Northern Bayberry	89.92	
		For 2 Years Warranty, Add	*22.48*	
32 93 33 00-0209	EA	36" Balled and Burlapped, Myrica pensylvanica - Northern Bayberry	107.40	
		For 2 Years Warranty, Add	*26.85*	
32 93 33 00-0210	EA	48" Balled and Burlapped, Myrica pensylvanica - Northern Bayberry	112.39	
		For 2 Years Warranty, Add	*28.10*	
32 93 33 00-0211	EA	36" Balled and Burlapped, Philadelphus x virginalis & cvs - Mockorange	37.46	
		For 2 Years Warranty, Add	*9.37*	
32 93 33 00-0212	EA	42" Balled and Burlapped, Philadelphus x virginalis & cvs - Mockorange	43.71	
		For 2 Years Warranty, Add	*10.93*	
32 93 33 00-0213	EA	48" Balled and Burlapped, Philadelphus x virginalis & cvs - Mockorange	49.95	
		For 2 Years Warranty, Add	*12.49*	
32 93 33 00-0214	EA	24" Balled and Burlapped, Physocarpos opulifolius 'Nana' - Dwarf Common Ninebark	37.46	
		For 2 Years Warranty, Add	*9.37*	
32 93 33 00-0215	EA	30" Balled and Burlapped, Physocarpos opulifolius 'Nana' - Dwarf Common Ninebark	43.71	
		For 2 Years Warranty, Add	*10.93*	
32 93 33 00-0216	EA	36" Balled and Burlapped, Physocarpos opulifolius 'Nana' - Dwarf Common Ninebark	49.95	
		For 2 Years Warranty, Add	*12.49*	
32 93 33 00-0217	EA	42" Balled and Burlapped, Physocarpos opulifolius 'Nana' - Dwarf Common Ninebark	62.44	
		For 2 Years Warranty, Add	*15.61*	
32 93 33 00-0218	EA	48" Balled and Burlapped, Physocarpos opulifolius 'Nana' - Dwarf Common Ninebark	74.93	
		For 2 Years Warranty, Add	*18.73*	
32 93 33 00-0219	EA	24" Balled and Burlapped, Pinus mugo & cvs - Mugo Pine	38.91	
		For 2 Years Warranty, Add	*9.73*	
32 93 33 00-0220	EA	30" Balled and Burlapped, Pinus mugo & cvs - Mugo Pine	49.80	
		For 2 Years Warranty, Add	*12.45*	
32 93 33 00-0221	EA	36" Balled and Burlapped, Pinus mugo & cvs - Mugo Pine	59.92	
		For 2 Years Warranty, Add	*14.98*	
32 93 33 00-0222	EA	48" Balled and Burlapped, Pinus mugo & cvs - Mugo Pine	77.04	
		For 2 Years Warranty, Add	*19.26*	
32 93 33 00-0223	EA	60" Balled and Burlapped, Pinus mugo & cvs - Mugo Pine	92.60	
		For 2 Years Warranty, Add	*23.15*	
32 93 33 00-0224	EA	72" Balled and Burlapped, Pinus mugo & cvs - Mugo Pine	135.39	
		For 2 Years Warranty, Add	*33.85*	
32 93 33 00-0225	EA	30" Balled and Burlapped, Pinus mugo compacta - Dwarf Mugo Pine	84.04	
		For 2 Years Warranty, Add	*21.01*	
32 93 33 00-0226	EA	36" Balled and Burlapped, Pinus mugo compacta - Dwarf Mugo Pine	101.16	
		For 2 Years Warranty, Add	*25.29*	
32 93 33 00-0227	EA	48" Balled and Burlapped, Pinus mugo compacta - Dwarf Mugo Pine	134.62	
		For 2 Years Warranty, Add	*33.66*	
32 93 33 00-0228	EA	2 Gallon Potentilla fruticosa & cvs - Bush Cinquefoil	21.23	
		For 2 Years Warranty, Add	*5.31*	
32 93 33 00-0229	EA	5 Gallon Potentilla fruticosa & cvs - Bush Cinquefoil	29.97	
		For 2 Years Warranty, Add	*7.49*	
32 93 33 00-0230	EA	18" Balled and Burlapped, Potentilla fruticosa & cvs - Bush Cinquefoil	22.48	
		For 2 Years Warranty, Add	*5.62*	
32 93 33 00-0231	EA	24" Balled and Burlapped, Potentilla fruticosa & cvs - Bush Cinquefoil	24.98	
		For 2 Years Warranty, Add	*6.25*	
32 93 33 00-0232	EA	30" Balled and Burlapped, Potentilla fruticosa & cvs - Bush Cinquefoil	36.22	
		For 2 Years Warranty, Add	*9.06*	
32 93 33 00-0233	EA	36" Balled and Burlapped, Potentilla fruticosa & cvs - Bush Cinquefoil	41.84	
		For 2 Years Warranty, Add	*10.46*	
32 93 33 00-0234	EA	3 Gallon Rhododendron cvs - Lepidote Rhododendron	44.96	
		For 2 Years Warranty, Add	*11.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 33 00-0235	EA	5 Gallon Rhododendron cvs - Lepidote Rhododendron	54.95	
		For 2 Years Warranty, Add	*13.74*	
32 93 33 00-0236	EA	18" Balled and Burlapped, Rhododendron cvs - Lepidote Rhododendron	67.44	
		For 2 Years Warranty, Add	*16.86*	
32 93 33 00-0237	EA	24" Balled and Burlapped, Rhododendron cvs - Lepidote Rhododendron	84.92	
		For 2 Years Warranty, Add	*21.23*	
32 93 33 00-0238	EA	30" Balled and Burlapped, Rhododendron cvs - Lepidote Rhododendron	99.91	
		For 2 Years Warranty, Add	*24.98*	
32 93 33 00-0239	EA	36" Balled and Burlapped, Rhododendron cvs - Lepidote Rhododendron	119.89	
		For 2 Years Warranty, Add	*29.97*	
32 93 33 00-0240	EA	2 Gallon Rhus aromatica & cvs - Fragrant Sumac	29.97	
		For 2 Years Warranty, Add	*7.49*	
32 93 33 00-0241	EA	5 Gallon Rhus aromatica & cvs - Fragrant Sumac	41.21	
		For 2 Years Warranty, Add	*10.30*	
32 93 33 00-0242	EA	18" Balled and Burlapped, Rhus aromatica & cvs - Fragrant Sumac	47.46	
		For 2 Years Warranty, Add	*11.87*	
32 93 33 00-0243	EA	24" Balled and Burlapped, Rhus aromatica & cvs - Fragrant Sumac	62.44	
		For 2 Years Warranty, Add	*15.61*	
32 93 33 00-0244	EA	36" Balled and Burlapped, Rhus glabra - Smooth Sumac	37.46	
		For 2 Years Warranty, Add	*9.37*	
32 93 33 00-0245	EA	48" Balled and Burlapped, Rhus typhina & cvs - Staghorn Sumac	62.44	
		For 2 Years Warranty, Add	*15.61*	
32 93 33 00-0246	EA	72" Balled and Burlapped, Rhus typhina & cvs - Staghorn Sumac	99.91	
		For 2 Years Warranty, Add	*24.98*	
32 93 33 00-0247	EA	15" Balled and Burlapped, Ribes alpinum & cvs - Alpine Currant	33.72	
		For 2 Years Warranty, Add	*8.43*	
32 93 33 00-0248	EA	18" Balled and Burlapped, Ribes alpinum & cvs - Alpine Currant	38.71	
		For 2 Years Warranty, Add	*9.68*	
32 93 33 00-0249	EA	24" Balled and Burlapped, Ribes alpinum & cvs - Alpine Currant	56.20	
		For 2 Years Warranty, Add	*14.05*	
32 93 33 00-0250	EA	30" Balled and Burlapped, Ribes alpinum & cvs - Alpine Currant	74.93	
		For 2 Years Warranty, Add	*18.73*	
32 93 33 00-0251	EA	1 Gallon Rosa hybrids & cvs - Shrub Rose	20.61	
		For 2 Years Warranty, Add	*5.15*	
32 93 33 00-0252	EA	2 Gallon Rosa hybrids & cvs - Shrub Rose	24.98	
		For 2 Years Warranty, Add	*6.25*	
32 93 33 00-0253	EA	3 Gallon Rosa hybrids & cvs - Shrub Rose	31.22	
		For 2 Years Warranty, Add	*7.81*	
32 93 33 00-0254	EA	2 Gallon Rosa rugosa & cvs - Rugosa Rose	22.48	
		For 2 Years Warranty, Add	*5.62*	
32 93 33 00-0255	EA	3 Gallon Rosa rugosa & cvs - Rugosa Rose	28.72	
		For 2 Years Warranty, Add	*7.18*	
32 93 33 00-0256	EA	5 Gallon Sambucus canadensis - American Elder	41.21	
		For 2 Years Warranty, Add	*10.30*	
32 93 33 00-0257	EA	1 Gallon Spiraea japonica & cvs - Japanese Spirea	12.88	
		For 2 Years Warranty, Add	*3.22*	
32 93 33 00-0258	EA	2 Gallon Spiraea japonica & cvs - Japanese Spirea	25.36	
		For 2 Years Warranty, Add	*6.34*	
32 93 33 00-0259	EA	3 Gallon Spiraea japonica & cvs - Japanese Spirea	29.35	
		For 2 Years Warranty, Add	*7.34*	
32 93 33 00-0260	EA	5 Gallon Spiraea japonica & cvs - Japanese Spirea	31.85	
		For 2 Years Warranty, Add	*7.96*	
32 93 33 00-0261	EA	18" Balled and Burlapped, Spiraea japonica & cvs - Japanese Spirea	32.47	
		For 2 Years Warranty, Add	*8.12*	
32 93 33 00-0262	EA	24" Balled and Burlapped, Spiraea japonica & cvs - Japanese Spirea	37.46	
		For 2 Years Warranty, Add	*9.37*	
32 93 33 00-0263	EA	30" Balled and Burlapped, Spiraea japonica & cvs - Japanese Spirea	42.46	
		For 2 Years Warranty, Add	*10.62*	
32 93 33 00-0264	EA	36" Balled and Burlapped, Spiraea japonica & cvs - Japanese Spirea	49.33	
		For 2 Years Warranty, Add	*12.33*	
32 93 33 00-0265	EA	2 Gallon Spiraea nipponica & cvs - Nippon Spiraea	19.98	
		For 2 Years Warranty, Add	*5.00*	
32 93 33 00-0266	EA	5 Gallon Spiraea nipponica & cvs - Nippon Spiraea	29.97	
		For 2 Years Warranty, Add	*7.49*	
32 93 33 00-0267	EA	18" Balled and Burlapped, Spiraea nipponica & cvs - Nippon Spiraea	27.47	
		For 2 Years Warranty, Add	*6.87*	
32 93 33 00-0268	EA	24" Balled and Burlapped, Spiraea nipponica & cvs - Nippon Spiraea	32.47	
		For 2 Years Warranty, Add	*8.12*	
32 93 33 00-0269	EA	30" Balled and Burlapped, Spiraea nipponica & cvs - Nippon Spiraea	37.46	
		For 2 Years Warranty, Add	*9.37*	
32 93 33 00-0270	EA	36" Balled and Burlapped, Spiraea nipponica & cvs - Nippon Spiraea	42.46	
		For 2 Years Warranty, Add	*10.62*	
32 93 33 00-0271	EA	48" Balled and Burlapped, Spiraea nipponica & cvs - Nippon Spiraea	54.95	
		For 2 Years Warranty, Add	*13.74*	
32 93 33 00-0272	EA	1 Gallon Spiraea x bumalda & cvs - Bumalda Spirea	12.88	
		For 2 Years Warranty, Add	*3.22*	
32 93 33 00-0273	EA	2 Gallon Spiraea x bumalda & cvs - Bumalda Spirea	23.10	
		For 2 Years Warranty, Add	*5.78*	
32 93 33 00-0274	EA	4 Gallon Spiraea x bumalda & cvs - Bumalda Spirea	29.97	
		For 2 Years Warranty, Add	*7.49*	
32 93 33 00-0275	EA	18" Balled and Burlapped, Spiraea x bumalda & cvs - Bumalda Spirea	26.23	
		For 2 Years Warranty, Add	*6.56*	
32 93 33 00-0276	EA	24" Balled and Burlapped, Spiraea x bumalda & cvs - Bumalda Spirea	31.85	
		For 2 Years Warranty, Add	*7.96*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 33 00-0277	EA	30" Balled and Burlapped, Spiraea x bumalda & cvs - Bumalda Spirea	37.46	
		For 2 Years Warranty, Add	*9.37*	
32 93 33 00-0278	EA	36" Balled and Burlapped, Spiraea x bumalda & cvs - Bumalda Spirea	42.46	
		For 2 Years Warranty, Add	*10.62*	
32 93 33 00-0279	EA	5 Gallon Spiraea x vanhouttei & cvs - Vanhoutte Spirea	29.97	
		For 2 Years Warranty, Add	*7.49*	
32 93 33 00-0280	EA	18" Balled and Burlapped, Spiraea x vanhouttei & cvs - Vanhoutte Spirea	29.97	
		For 2 Years Warranty, Add	*7.49*	
32 93 33 00-0281	EA	24" Balled and Burlapped, Spiraea x vanhouttei & cvs - Vanhoutte Spirea	34.97	
		For 2 Years Warranty, Add	*8.74*	
32 93 33 00-0282	EA	30" Balled and Burlapped, Spiraea x vanhouttei & cvs - Vanhoutte Spirea	47.46	
		For 2 Years Warranty, Add	*11.87*	
32 93 33 00-0283	EA	36" Balled and Burlapped, Spiraea x vanhouttei & cvs - Vanhoutte Spirea	54.95	
		For 2 Years Warranty, Add	*13.74*	
32 93 33 00-0284	EA	42" Balled and Burlapped, Spiraea x vanhouttei & cvs - Vanhoutte Spirea	64.94	
		For 2 Years Warranty, Add	*16.24*	
32 93 33 00-0285	EA	5 Gallon Staphylea trifolia - Bladdernut	42.16	
		For 2 Years Warranty, Add	*10.54*	
32 93 33 00-0286	EA	2 Gallon Stephanandra incisa & cvs - Cutleaf Stephanadra	29.97	
		For 2 Years Warranty, Add	*7.49*	
32 93 33 00-0287	EA	5 Gallon Stephanandra incisa & cvs - Cutleaf Stephanadra	32.47	
		For 2 Years Warranty, Add	*8.12*	
32 93 33 00-0288	EA	24" Balled and Burlapped, Stephanandra incisa & cvs - Cutleaf Stephanadra	37.46	
		For 2 Years Warranty, Add	*9.37*	
32 93 33 00-0289	EA	30" Balled and Burlapped, Stephanandra incisa & cvs - Cutleaf Stephanadra	44.96	
		For 2 Years Warranty, Add	*11.24*	
32 93 33 00-0290	EA	2 Gallon Symphoricarpos albus - Common Snowberry	31.22	
		For 2 Years Warranty, Add	*7.81*	
32 93 33 00-0291	EA	5 Gallon Symphoricarpos albus - Common Snowberry	33.09	
		For 2 Years Warranty, Add	*8.27*	
32 93 33 00-0292	EA	24" Balled and Burlapped, Syringa meyeri & cvs - Meyer Lilac	54.95	
		For 2 Years Warranty, Add	*13.74*	
32 93 33 00-0293	EA	30" Balled and Burlapped, Syringa meyeri & cvs - Meyer Lilac	68.69	
		For 2 Years Warranty, Add	*17.17*	
32 93 33 00-0294	EA	36" Balled and Burlapped, Syringa meyeri & cvs - Meyer Lilac	79.92	
		For 2 Years Warranty, Add	*19.98*	
32 93 33 00-0295	EA	42" Balled and Burlapped, Syringa meyeri & cvs - Meyer Lilac	92.41	
		For 2 Years Warranty, Add	*23.10*	
32 93 33 00-0296	EA	18" Balled and Burlapped, Syringa patula 'Miss Kim' - Miss Kim Lilac	54.95	
		For 2 Years Warranty, Add	*13.74*	
32 93 33 00-0297	EA	24" Balled and Burlapped, Syringa patula 'Miss Kim' - Miss Kim Lilac	59.94	
		For 2 Years Warranty, Add	*14.99*	
32 93 33 00-0298	EA	30" Balled and Burlapped, Syringa patula 'Miss Kim' - Miss Kim Lilac	68.69	
		For 2 Years Warranty, Add	*17.17*	
32 93 33 00-0299	EA	36" Balled and Burlapped, Syringa patula 'Miss Kim' - Miss Kim Lilac	79.92	
		For 2 Years Warranty, Add	*19.98*	
32 93 33 00-0300	EA	42" Balled and Burlapped, Syringa patula 'Miss Kim' - Miss Kim Lilac	92.41	
		For 2 Years Warranty, Add	*23.10*	
32 93 33 00-0301	EA	60" Balled and Burlapped, Syringa villosa & cvs - Late Lilac	43.71	
		For 2 Years Warranty, Add	*10.93*	
32 93 33 00-0302	EA	72" Balled and Burlapped, Syringa villosa & cvs - Late Lilac	47.46	
		For 2 Years Warranty, Add	*11.87*	
32 93 33 00-0303	EA	36" Balled and Burlapped, Syringa vulgaris & cvs - Common Lilac	37.46	
		For 2 Years Warranty, Add	*9.37*	
32 93 33 00-0304	EA	42' Balled and Burlapped, Syringa vulgaris & cvs - Common Lilac	42.46	
		For 2 Years Warranty, Add	*10.62*	
32 93 33 00-0305	EA	48" Balled and Burlapped, Syringa vulgaris & cvs - Common Lilac	47.46	
		For 2 Years Warranty, Add	*11.87*	
32 93 33 00-0306	EA	60" Balled and Burlapped, Syringa vulgaris & cvs - Common Lilac	54.95	
		For 2 Years Warranty, Add	*13.74*	
32 93 33 00-0307	EA	72" Balled and Burlapped, Syringa vulgaris & cvs - Common Lilac	67.44	
		For 2 Years Warranty, Add	*16.86*	
32 93 33 00-0308	EA	5 Gallon Syringa x chinensis & cvs - Chinese Lilac	31.22	
		For 2 Years Warranty, Add	*7.81*	
32 93 33 00-0309	EA	36" Balled and Burlapped, Syringa x hyacinthiflora & cvs - Hybrid Lilac	36.22	
		For 2 Years Warranty, Add	*9.06*	
32 93 33 00-0310	EA	48" Balled and Burlapped, Syringa x hyacinthiflora & cvs - Hybrid Lilac	47.46	
		For 2 Years Warranty, Add	*11.87*	
32 93 33 00-0311	EA	48" Balled and Burlapped, Taxus cuspidata capitata - Capitata Japanese Yew	198.56	
		For 2 Years Warranty, Add	*49.64*	
32 93 33 00-0312	EA	54" Balled and Burlapped, Taxus cuspidata capitata - Capitata Japanese Yew	222.29	
		For 2 Years Warranty, Add	*55.57*	
32 93 33 00-0313	EA	60" Balled and Burlapped, Taxus cuspidata capitata - Capitata Japanese Yew	244.77	
		For 2 Years Warranty, Add	*61.19*	
32 93 33 00-0314	EA	72" Balled and Burlapped, Taxus cuspidata capitata - Capitata Japanese Yew	294.72	
		For 2 Years Warranty, Add	*73.68*	
32 93 33 00-0315	EA	18" Balled and Burlapped, Taxus cuspidata cvs - Dwarf & Spreading Japanese Yew	52.45	
		For 2 Years Warranty, Add	*13.11*	
32 93 33 00-0316	EA	24" Balled and Burlapped, Taxus cuspidata cvs - Dwarf & Spreading Japanese Yew	68.69	
		For 2 Years Warranty, Add	*17.17*	
32 93 33 00-0317	EA	30" Balled and Burlapped, Taxus cuspidata cvs - Dwarf & Spreading Japanese Yew	79.92	
		For 2 Years Warranty, Add	*19.98*	
32 93 33 00-0318	EA	36" Balled and Burlapped, Taxus cuspidata cvs - Dwarf & Spreading Japanese Yew	87.42	
		For 2 Years Warranty, Add	*21.86*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 33 00-0319	EA	15" Balled and Burlapped, Taxus x media & cvs - Anglojap Yew	52.45	
		For 2 Years Warranty, Add	*13.11*	
32 93 33 00-0320	EA	18" Balled and Burlapped, Taxus x media & cvs - Anglojap Yew	68.69	
		For 2 Years Warranty, Add	*17.17*	
32 93 33 00-0321	EA	24" Balled and Burlapped, Taxus x media & cvs - Anglojap Yew	81.17	
		For 2 Years Warranty, Add	*20.29*	
32 93 33 00-0322	EA	30" Balled and Burlapped, Taxus x media & cvs - Anglojap Yew	96.16	
		For 2 Years Warranty, Add	*24.04*	
32 93 33 00-0323	EA	36" Balled and Burlapped, Taxus x media & cvs - Anglojap Yew	144.86	
		For 2 Years Warranty, Add	*36.22*	
32 93 33 00-0324	EA	36" Balled and Burlapped, Thuja occidentalis & cvs - Upright Arborvitae	79.92	
		For 2 Years Warranty, Add	*19.98*	
32 93 33 00-0325	EA	48" Balled and Burlapped, Thuja occidentalis & cvs - Upright Arborvitae	107.40	
		For 2 Years Warranty, Add	*26.85*	
32 93 33 00-0326	EA	60" Balled and Burlapped, Thuja occidentalis & cvs - Upright Arborvitae	162.35	
		For 2 Years Warranty, Add	*40.59*	
32 93 33 00-0327	EA	72" Balled and Burlapped, Thuja occidentalis & cvs - Upright Arborvitae	237.28	
		For 2 Years Warranty, Add	*59.32*	
32 93 33 00-0328	EA	84" Balled and Burlapped, Thuja occidentalis & cvs - Upright Arborvitae	272.24	
		For 2 Years Warranty, Add	*68.06*	
32 93 33 00-0329	EA	96" Balled and Burlapped, Thuja occidentalis & cvs - Upright Arborvitae	315.95	
		For 2 Years Warranty, Add	*78.99*	
32 93 33 00-0330	EA	15" Balled and Burlapped, Thuja occidentalis cvs - Dwarf Arborvitae	34.97	
		For 2 Years Warranty, Add	*8.74*	
32 93 33 00-0331	EA	18" Balled and Burlapped, Thuja occidentalis cvs - Dwarf Arborvitae	48.70	
		For 2 Years Warranty, Add	*12.18*	
32 93 33 00-0332	EA	24" Balled and Burlapped, Thuja occidentalis cvs - Dwarf Arborvitae	68.69	
		For 2 Years Warranty, Add	*17.17*	
32 93 33 00-0333	EA	30" Balled and Burlapped, Viburnum burkwoodii & cvs - Burkwood Viburnum	68.69	
		For 2 Years Warranty, Add	*17.17*	
32 93 33 00-0334	EA	36" Balled and Burlapped, Viburnum burkwoodii & cvs - Burkwood Viburnum	82.42	
		For 2 Years Warranty, Add	*20.61*	
32 93 33 00-0335	EA	24" Balled and Burlapped, Viburnum carlesii & cvs - Korean Spice Viburnum	62.44	
		For 2 Years Warranty, Add	*15.61*	
32 93 33 00-0336	EA	30" Balled and Burlapped, Viburnum carlesii & cvs - Korean Spice Viburnum	74.93	
		For 2 Years Warranty, Add	*18.73*	
32 93 33 00-0337	EA	36" Balled and Burlapped, Viburnum carlesii & cvs - Korean Spice Viburnum	87.42	
		For 2 Years Warranty, Add	*21.86*	
32 93 33 00-0338	EA	42" Balled and Burlapped, Viburnum carlesii & cvs - Korean Spice Viburnum	99.91	
		For 2 Years Warranty, Add	*24.98*	
32 93 33 00-0339	EA	36" Balled and Burlapped, Viburnum dentatum & cvs - Arrowwood Viburnum	34.97	
		For 2 Years Warranty, Add	*8.74*	
32 93 33 00-0340	EA	42" Balled and Burlapped, Viburnum dentatum & cvs - Arrowwood Viburnum	37.46	
		For 2 Years Warranty, Add	*9.37*	
32 93 33 00-0341	EA	48" Balled and Burlapped, Viburnum dentatum & cvs - Arrowwood Viburnum	43.71	
		For 2 Years Warranty, Add	*10.93*	
32 93 33 00-0342	EA	60" Balled and Burlapped, Viburnum dentatum & cvs - Arrowwood Viburnum	49.95	
		For 2 Years Warranty, Add	*12.49*	
32 93 33 00-0343	EA	72" Balled and Burlapped, Viburnum dentatum & cvs - Arrowwood Viburnum	54.95	
		For 2 Years Warranty, Add	*13.74*	
32 93 33 00-0344	EA	30" Balled and Burlapped, Viburnum lantana & cvs - Wayfaringtree Viburnum	33.72	
		For 2 Years Warranty, Add	*8.43*	
32 93 33 00-0345	EA	36" Balled and Burlapped, Viburnum lantana & cvs - Wayfaringtree Viburnum	37.46	
		For 2 Years Warranty, Add	*9.37*	
32 93 33 00-0346	EA	42" Balled and Burlapped, Viburnum lantana & cvs - Wayfaringtree Viburnum	47.46	
		For 2 Years Warranty, Add	*11.87*	
32 93 33 00-0347	EA	48" Balled and Burlapped, Viburnum lantana & cvs - Wayfaringtree Viburnum	54.95	
		For 2 Years Warranty, Add	*13.74*	
32 93 33 00-0348	EA	60" Balled and Burlapped, Viburnum lantana & cvs - Wayfaringtree Viburnum	74.93	
		For 2 Years Warranty, Add	*18.73*	
32 93 33 00-0349	EA	72" Balled and Burlapped, Viburnum lantana & cvs - Wayfaringtree Viburnum	89.92	
		For 2 Years Warranty, Add	*22.48*	
32 93 33 00-0350	EA	36" Balled and Burlapped, Viburnum lentago & cvs - Nannyberry Viburnum	37.46	
		For 2 Years Warranty, Add	*9.37*	
32 93 33 00-0351	EA	48" Balled and Burlapped, Viburnum lentago & cvs - Nannyberry Viburnum	49.95	
		For 2 Years Warranty, Add	*12.49*	
32 93 33 00-0352	EA	5' Balled and Burlapped, Viburnum lentago & cvs - Nannyberry Viburnum	62.44	
		For 2 Years Warranty, Add	*15.61*	
32 93 33 00-0353	EA	6' Balled and Burlapped, Viburnum lentago & cvs - Nannyberry Viburnum	87.42	
		For 2 Years Warranty, Add	*21.86*	
32 93 33 00-0354	EA	7' Balled and Burlapped, Viburnum lentago & cvs - Nannyberry Viburnum	124.88	
		For 2 Years Warranty, Add	*31.22*	
32 93 33 00-0355	EA	8' Balled and Burlapped, Viburnum lentago & cvs - Nannyberry Viburnum	174.84	
		For 2 Years Warranty, Add	*43.71*	
32 93 33 00-0356	EA	9' Balled and Burlapped, Viburnum lentago & cvs - Nannyberry Viburnum	224.79	
		For 2 Years Warranty, Add	*56.20*	
32 93 33 00-0357	EA	30" Balled and Burlapped, Viburnum plicatum tomentosum & cvs - Doublefile Viburnum	44.96	
		For 2 Years Warranty, Add	*11.24*	
32 93 33 00-0358	EA	36" Balled and Burlapped, Viburnum plicatum tomentosum & cvs - Doublefile Viburnum	49.95	
		For 2 Years Warranty, Add	*12.49*	
32 93 33 00-0359	EA	36" Balled and Burlapped, Viburnum prunifolium & cvs - Blackhaw Viburnum	89.92	
		For 2 Years Warranty, Add	*22.48*	
32 93 33 00-0360	EA	48" Balled and Burlapped, Viburnum prunifolium & cvs - Blackhaw Viburnum	137.37	
		For 2 Years Warranty, Add	*34.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 33 00-0361	EA	60" Balled and Burlapped, Viburnum prunifolium & cvs - Blackhaw Viburnum	174.84	
		For 2 Years Warranty, Add	*43.71*	
32 93 33 00-0362	EA	72" Balled and Burlapped, Viburnum prunifolium & cvs - Blackhaw Viburnum	212.30	
		For 2 Years Warranty, Add	*53.08*	
32 93 33 00-0363	EA	84" Balled and Burlapped, Viburnum prunifolium & cvs - Blackhaw Viburnum	262.25	
		For 2 Years Warranty, Add	*65.56*	
32 93 33 00-0364	EA	96" Balled and Burlapped, Viburnum prunifolium & cvs - Blackhaw Viburnum	312.21	
		For 2 Years Warranty, Add	*78.05*	
32 93 33 00-0365	EA	108" Balled and Burlapped, Viburnum prunifolium & cvs - Blackhaw Viburnum	374.65	
		For 2 Years Warranty, Add	*93.66*	
32 93 33 00-0366	EA	120" Balled and Burlapped, Viburnum prunifolium & cvs - Blackhaw Viburnum	437.09	
		For 2 Years Warranty, Add	*109.27*	
32 93 33 00-0367	EA	30" Balled and Burlapped, Viburnum sargenti & cvs - Sargent Viburnum	38.09	
		For 2 Years Warranty, Add	*9.52*	
32 93 33 00-0368	EA	36" Balled and Burlapped, Viburnum sargenti & cvs - Sargent Viburnum	41.84	
		For 2 Years Warranty, Add	*10.46*	
32 93 33 00-0369	EA	48" Balled and Burlapped, Viburnum sargenti & cvs - Sargent Viburnum	47.46	
		For 2 Years Warranty, Add	*11.87*	
32 93 33 00-0370	EA	60" Balled and Burlapped, Viburnum sargenti & cvs - Sargent Viburnum	54.95	
		For 2 Years Warranty, Add	*13.74*	
32 93 33 00-0371	EA	72" Balled and Burlapped, Viburnum sargenti & cvs - Sargent Viburnum	63.07	
		For 2 Years Warranty, Add	*15.77*	
32 93 33 00-0372	EA	18" Balled and Burlapped, Viburnum trilobum & cvs - American Cranberry Viburnum	36.22	
		For 2 Years Warranty, Add	*9.06*	
32 93 33 00-0373	EA	24" Balled and Burlapped, Viburnum trilobum & cvs - American Cranberry Viburnum	43.71	
		For 2 Years Warranty, Add	*10.93*	
32 93 33 00-0374	EA	30" Balled and Burlapped, Viburnum trilobum & cvs - American Cranberry Viburnum	52.45	
		For 2 Years Warranty, Add	*13.11*	
32 93 33 00-0375	EA	36" Balled and Burlapped, Viburnum trilobum & cvs - American Cranberry Viburnum	59.94	
		For 2 Years Warranty, Add	*14.99*	
32 93 33 00-0376	EA	42" Balled and Burlapped, Viburnum trilobum & cvs - American Cranberry Viburnum	72.43	
		For 2 Years Warranty, Add	*18.11*	
32 93 33 00-0377	EA	48" Balled and Burlapped, Viburnum trilobum & cvs - American Cranberry Viburnum	79.92	
		For 2 Years Warranty, Add	*19.98*	
32 93 33 00-0378	EA	30" Balled and Burlapped, Viburnum x carlcephalum & cvs - Fragrant Viburnum	62.44	
		For 2 Years Warranty, Add	*15.61*	
32 93 33 00-0379	EA	36" Balled and Burlapped, Viburnum x carlcephalum & cvs - Fragrant Viburnum	74.93	
		For 2 Years Warranty, Add	*18.73*	
32 93 33 00-0380	EA	42" Balled and Burlapped, Viburnum x carlcephalum & cvs - Fragrant Viburnum	87.42	
		For 2 Years Warranty, Add	*21.86*	
32 93 33 00-0381	EA	48" Balled and Burlapped, Viburnum x carlcephalum & cvs - Fragrant Viburnum	99.91	
		For 2 Years Warranty, Add	*24.98*	
32 93 33 00-0382	EA	60" Balled and Burlapped, Viburnum x carlcephalum & cvs - Fragrant Viburnum	112.39	
		For 2 Years Warranty, Add	*28.10*	
32 93 33 00-0383	EA	30" Balled and Burlapped, Viburnum x juddii & cvs - Judd Viburnum	79.92	
		For 2 Years Warranty, Add	*19.98*	
32 93 33 00-0384	EA	36" Balled and Burlapped, Viburnum x juddii & cvs - Judd Viburnum	89.92	
		For 2 Years Warranty, Add	*22.48*	
32 93 33 00-0385	EA	42" Balled and Burlapped, Viburnum x juddii & cvs - Judd Viburnum	102.40	
		For 2 Years Warranty, Add	*25.60*	
32 93 33 00-0386	EA	48" Balled and Burlapped, Viburnum x juddii & cvs - Judd Viburnum	117.39	
		For 2 Years Warranty, Add	*29.35*	
32 93 33 00-0387	EA	5 Gallon Weigela florida & cvs - Old Fashioned Weigela	41.21	
		For 2 Years Warranty, Add	*10.30*	
32 93 33 00-0388	EA	24" Balled and Burlapped, Weigela florida & cvs - Old Fashioned Weigela	37.46	
		For 2 Years Warranty, Add	*9.37*	
32 93 33 00-0389	EA	30" Balled and Burlapped, Weigela florida & cvs - Old Fashioned Weigela	42.46	
		For 2 Years Warranty, Add	*10.62*	
32 93 33 00-0390	EA	36" Balled and Burlapped, Weigela florida & cvs - Old Fashioned Weigela	47.46	
		For 2 Years Warranty, Add	*11.87*	
32 93 33 00-0391	EA	42" Balled and Burlapped, Weigela florida & cvs - Old Fashioned Weigela	54.95	
		For 2 Years Warranty, Add	*13.74*	
32 93 33 00-0392	EA	48" Balled and Burlapped, Weigela florida & cvs - Old Fashioned Weigela	62.44	
		For 2 Years Warranty, Add	*15.61*	

32 93 43 Trees *(32 93)*

Note: (cvs = cultivar or cultivated varities) materials only. See CSI section 32 93 83 00-0001 for installation and planting of trees.

32 93 43 00-0001 Deciduous Ornamental Trees *(32 93 43)*

Note: All trees listed by caliper of trunk or height of tree if field grown, dug with spade, balled and burlapped and delivered to site.

32 93 43 00-0002	EA	6' Clump Form Acer ginnala & cvs - Amur Maple	343.78	
		For 2 Years Warranty, Add	*85.95*	
32 93 43 00-0003	EA	7' Clump Form Acer ginnala & cvs - Amur Maple	420.17	
		For 2 Years Warranty, Add	*105.04*	
32 93 43 00-0004	EA	8' Clump Form Acer ginnala & cvs - Amur Maple	477.47	
		For 2 Years Warranty, Add	*119.37*	
32 93 43 00-0005	EA	10' Clump Form Acer ginnala & cvs - Amur Maple	553.86	
		For 2 Years Warranty, Add	*138.47*	
32 93 43 00-0006	EA	12' Clump Form Acer ginnala & cvs - Amur Maple	630.26	
		For 2 Years Warranty, Add	*157.57*	
32 93 43 00-0007	EA	14' Clump Form Acer ginnala & cvs - Amur Maple	744.85	
		For 2 Years Warranty, Add	*186.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0008	EA	1-1/2" To 2" Caliper Acer griseum - Paperbark Maple	272.76	
		For 2 Years Warranty, Add	*68.19*	
32 93 43 00-0009	EA	2" To 2-1/2" Caliper Acer griseum - Paperbark Maple	1,222.32	
		For 2 Years Warranty, Add	*305.58*	
32 93 43 00-0010	EA	2-1/2" To 3" Caliper Acer griseum - Paperbark Maple	1,527.90	
		For 2 Years Warranty, Add	*381.98*	
32 93 43 00-0011	EA	5' Clump Form Acer griseum - Paperbark Maple	305.58	
		For 2 Years Warranty, Add	*76.40*	
32 93 43 00-0012	EA	36" Balled and Burlapped, Amelanchier alnifolia & cvs - Saskatoon Serviceberry	99.91	
		For 2 Years Warranty, Add	*24.98*	
32 93 43 00-0013	EA	48" Balled and Burlapped, Amelanchier alnifolia & cvs - Saskatoon Serviceberry	124.88	
		For 2 Years Warranty, Add	*31.22*	
32 93 43 00-0014	EA	60" Balled and Burlapped, Amelanchier alnifolia & cvs - Saskatoon Serviceberry	154.85	
		For 2 Years Warranty, Add	*38.71*	
32 93 43 00-0015	EA	60" Balled and Burlapped, Amelanchier arborea & cvs - Downy Serviceberry	124.88	
		For 2 Years Warranty, Add	*31.22*	
32 93 43 00-0016	EA	72" Balled and Burlapped, Amelanchier arborea & cvs - Downy Serviceberry	149.86	
		For 2 Years Warranty, Add	*37.47*	
32 93 43 00-0017	EA	7' Balled and Burlapped, Amelanchier arborea & cvs - Downy Serviceberry	174.84	
		For 2 Years Warranty, Add	*43.71*	
32 93 43 00-0018	EA	8' Balled and Burlapped, Amelanchier arborea & cvs - Downy Serviceberry	199.81	
		For 2 Years Warranty, Add	*49.95*	
32 93 43 00-0019	EA	5' Balled and Burlapped, Amelanchier canadensis & cvs - Shadblow Serviceberry	224.79	
		For 2 Years Warranty, Add	*56.20*	
32 93 43 00-0020	EA	6' Balled and Burlapped, Amelanchier canadensis & cvs - Shadblow Serviceberry	249.77	
		For 2 Years Warranty, Add	*62.44*	
32 93 43 00-0021	EA	7' Balled and Burlapped, Amelanchier canadensis & cvs - Shadblow Serviceberry	287.23	
		For 2 Years Warranty, Add	*71.81*	
32 93 43 00-0022	EA	8' Balled and Burlapped, Amelanchier canadensis & cvs - Shadblow Serviceberry	324.69	
		For 2 Years Warranty, Add	*81.17*	
32 93 43 00-0023	EA	9' Balled and Burlapped, Amelanchier canadensis & cvs - Shadblow Serviceberry	374.65	
		For 2 Years Warranty, Add	*93.66*	
32 93 43 00-0024	EA	1-1/2" Caliper Amelanchier x grandiflora & cvs - Apple Serviceberry	381.97	
		For 2 Years Warranty, Add	*95.49*	
32 93 43 00-0025	EA	2" Caliper Amelanchier x grandiflora & cvs - Apple Serviceberry	534.76	
		For 2 Years Warranty, Add	*133.69*	
32 93 43 00-0026	EA	2-1/2" Caliper Amelanchier x grandiflora & cvs - Apple Serviceberry	572.96	
		For 2 Years Warranty, Add	*143.24*	
32 93 43 00-0027	EA	3" Caliper Amelanchier x grandiflora & cvs - Apple Serviceberry	668.45	
		For 2 Years Warranty, Add	*167.11*	
32 93 43 00-0028	EA	6' Clump Form Amelanchier x grandiflora & cvs - Apple Serviceberry	477.47	
		For 2 Years Warranty, Add	*119.37*	
32 93 43 00-0029	EA	7' Clump Form Amelanchier x grandiflora & cvs - Apple Serviceberry	572.96	
		For 2 Years Warranty, Add	*143.24*	
32 93 43 00-0030	EA	8' Clump Form Amelanchier x grandiflora & cvs - Apple Serviceberry	668.45	
		For 2 Years Warranty, Add	*167.11*	
32 93 43 00-0031	EA	10' Clump Form Amelanchier x grandiflora & cvs - Apple Serviceberry	763.95	
		For 2 Years Warranty, Add	*190.99*	
32 93 43 00-0032	EA	12' Clump Form Amelanchier x grandiflora & cvs - Apple Serviceberry	859.44	
		For 2 Years Warranty, Add	*214.86*	
32 93 43 00-0033	EA	14' Clump Form Amelanchier x grandiflora & cvs - Apple Serviceberry	954.93	
		For 2 Years Warranty, Add	*238.73*	
32 93 43 00-0034	EA	7' Balled and Burlapped, Amelanchier laevis & cvs - Allegheny Serviceberry	287.23	
		For 2 Years Warranty, Add	*71.81*	
32 93 43 00-0035	EA	8' Balled and Burlapped, Amelanchier laevis & cvs - Allegheny Serviceberry	337.18	
		For 2 Years Warranty, Add	*84.30*	
32 93 43 00-0036	EA	9' Balled and Burlapped, Amelanchier laevis & cvs - Allegheny Serviceberry	387.14	
		For 2 Years Warranty, Add	*96.79*	
32 93 43 00-0037	EA	10' Balled and Burlapped, Amelanchier laevis & cvs - Allegheny Serviceberry	424.60	
		For 2 Years Warranty, Add	*106.15*	
32 93 43 00-0038	EA	30" Balled and Burlapped, Amelanchier stolonifera & cvs - Running Serviceberry	99.91	
		For 2 Years Warranty, Add	*24.98*	
32 93 43 00-0039	EA	48" Balled and Burlapped, Amelanchier stolonifera & cvs - Running Serviceberry	212.30	
		For 2 Years Warranty, Add	*53.08*	
32 93 43 00-0040	EA	60" Balled and Burlapped, Amelanchier stolonifera & cvs - Running Serviceberry	274.74	
		For 2 Years Warranty, Add	*68.69*	
32 93 43 00-0041	EA	2' To 4' Amelemchier - Juneberry	30.41	
		For 2 Years Warranty, Add	*7.60*	
32 93 43 00-0042	EA	4' To 5' Amelemchier - Juneberry	31.90	
		For 2 Years Warranty, Add	*7.98*	
32 93 43 00-0043	EA	5' To 6' Amelemchier - Juneberry	37.98	
		For 2 Years Warranty, Add	*9.50*	
32 93 43 00-0044	EA	6' To 8' Amelemchier - Juneberry	45.32	
		For 2 Years Warranty, Add	*11.33*	
32 93 43 00-0045	EA	3' Clump Form Asimina triloba - Paw-Paw	267.38	
		For 2 Years Warranty, Add	*66.85*	
32 93 43 00-0046	EA	4' Clump Form Asimina triloba - Paw-Paw	305.58	
		For 2 Years Warranty, Add	*76.40*	
32 93 43 00-0047	EA	5' Clump Form Asimina triloba - Paw-Paw	420.17	
		For 2 Years Warranty, Add	*105.04*	
32 93 43 00-0048	EA	1-1/2" Caliper Carpinus caroliniana - American Hornbeam Ironwood	572.96	
		For 2 Years Warranty, Add	*143.24*	
32 93 43 00-0049	EA	2" Caliper Carpinus caroliniana - American Hornbeam Ironwood	668.45	
		For 2 Years Warranty, Add	*167.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0050	EA	2-1/2" Caliper Carpinus caroliniana - American Hornbeam Ironwood	859.44	
		For 2 Years Warranty, Add	*214.86*	
32 93 43 00-0051	EA	5' Clump Form Carpinus caroliniana - American Hornbeam Ironwood	343.78	
		For 2 Years Warranty, Add	*85.95*	
32 93 43 00-0052	EA	6' Clump Form Carpinus caroliniana - American Hornbeam Ironwood	420.17	
		For 2 Years Warranty, Add	*105.04*	
32 93 43 00-0053	EA	7' Clump Form Carpinus caroliniana - American Hornbeam Ironwood	572.96	
		For 2 Years Warranty, Add	*143.24*	
32 93 43 00-0054	EA	8' Clump Form Carpinus caroliniana - American Hornbeam Ironwood	668.45	
		For 2 Years Warranty, Add	*167.11*	
32 93 43 00-0055	EA	10' Clump Form Carpinus caroliniana - American Hornbeam Ironwood	802.15	
		For 2 Years Warranty, Add	*200.54*	
32 93 43 00-0056	EA	12' Clump Form Carpinus caroliniana - American Hornbeam Ironwood	974.03	
		For 2 Years Warranty, Add	*243.51*	
32 93 43 00-0057	EA	14' Clump Form Carpinus caroliniana - American Hornbeam Ironwood	1,107.72	
		For 2 Years Warranty, Add	*276.93*	
32 93 43 00-0058	EA	6' Clump Form Cercis canadensis & cvs - Eastern Redbud	458.37	
		For 2 Years Warranty, Add	*114.59*	
32 93 43 00-0059	EA	7' Clump Form Cercis canadensis & cvs - Eastern Redbud	630.26	
		For 2 Years Warranty, Add	*157.57*	
32 93 43 00-0060	EA	8' Clump Form Cercis canadensis & cvs - Eastern Redbud	802.15	
		For 2 Years Warranty, Add	*200.54*	
32 93 43 00-0061	EA	1-1/2" Caliper Cercis canadensis & cvs - Eastern Redbud	439.27	
		For 2 Years Warranty, Add	*109.82*	
32 93 43 00-0062	EA	2" Caliper Cercis canadensis & cvs - Eastern Redbud	515.66	
		For 2 Years Warranty, Add	*128.92*	
32 93 43 00-0063	EA	5' To 6' Chaenomeles - Orange Quince	120.65	
		For 2 Years Warranty, Add	*30.16*	
32 93 43 00-0064	EA	6' To 8' Chaenomeles - Orange Quince	150.81	
		For 2 Years Warranty, Add	*37.70*	
32 93 43 00-0065	EA	5' Clump Form Chionanthus virginicus - White Fringetree	381.97	
		For 2 Years Warranty, Add	*95.49*	
32 93 43 00-0066	EA	6' Clump Form Chionanthus virginicus - White Fringetree	477.47	
		For 2 Years Warranty, Add	*119.37*	
32 93 43 00-0067	EA	7' Clump Form Chionanthus virginicus - White Fringetree	611.16	
		For 2 Years Warranty, Add	*152.79*	
32 93 43 00-0068	EA	1-1/2" Caliper Cornus alternifolia & cvs - Pagoda Dogwood	439.27	
		For 2 Years Warranty, Add	*109.82*	
32 93 43 00-0069	EA	2" Caliper Cornus alternifolia & cvs - Pagoda Dogwood	534.76	
		For 2 Years Warranty, Add	*133.69*	
32 93 43 00-0070	EA	4' Clump Form Cornus alternifolia & cvs - Pagoda Dogwood	210.09	
		For 2 Years Warranty, Add	*52.52*	
32 93 43 00-0071	EA	5' Clump Form Cornus alternifolia & cvs - Pagoda Dogwood	267.38	
		For 2 Years Warranty, Add	*66.85*	
32 93 43 00-0072	EA	6' Clump Form Cornus alternifolia & cvs - Pagoda Dogwood	305.58	
		For 2 Years Warranty, Add	*76.40*	
32 93 43 00-0073	EA	7' Clump Form Cornus alternifolia & cvs - Pagoda Dogwood	343.78	
		For 2 Years Warranty, Add	*85.95*	
32 93 43 00-0074	EA	8' Clump Form Cornus alternifolia & cvs - Pagoda Dogwood	420.17	
		For 2 Years Warranty, Add	*105.04*	
32 93 43 00-0075	EA	4' Clump Form Cornus mas & cvs - Corneliancherry Dogwood	210.09	
		For 2 Years Warranty, Add	*52.52*	
32 93 43 00-0076	EA	5' Clump Form Cornus mas & cvs - Corneliancherry Dogwood	267.38	
		For 2 Years Warranty, Add	*66.85*	
32 93 43 00-0077	EA	6' Clump Form Cornus mas & cvs - Corneliancherry Dogwood	324.68	
		For 2 Years Warranty, Add	*81.17*	
32 93 43 00-0078	EA	7' Clump Form Cornus mas & cvs - Corneliancherry Dogwood	381.97	
		For 2 Years Warranty, Add	*95.49*	
32 93 43 00-0079	EA	8' Clump Form Cornus mas & cvs - Corneliancherry Dogwood	534.76	
		For 2 Years Warranty, Add	*133.69*	
32 93 43 00-0080	EA	1-1/2" Caliper Cornus mas & cvs - Corneliancherry Dogwood	477.47	
		For 2 Years Warranty, Add	*119.37*	
32 93 43 00-0081	EA	2" Caliper Cornus mas & cvs - Corneliancherry Dogwood	572.96	
		For 2 Years Warranty, Add	*143.24*	
32 93 43 00-0082	EA	2-1/2" Caliper Cornus mas & cvs - Corneliancherry Dogwood	668.45	
		For 2 Years Warranty, Add	*167.11*	
32 93 43 00-0083	EA	1-1/2" Caliper Crataegus crusgalli inermis & cvs - Thornless Cockspur Hawthorn	381.97	
		For 2 Years Warranty, Add	*95.49*	
32 93 43 00-0084	EA	2" Caliper Crataegus crusgalli inermis & cvs - Thornless Cockspur Hawthorn	477.47	
		For 2 Years Warranty, Add	*119.37*	
32 93 43 00-0085	EA	2-1/2" Caliper Crataegus crusgalli inermis & cvs - Thornless Cockspur Hawthorn	592.06	
		For 2 Years Warranty, Add	*148.02*	
32 93 43 00-0086	EA	3" Caliper Crataegus crusgalli inermis & cvs - Thornless Cockspur Hawthorn	668.45	
		For 2 Years Warranty, Add	*167.11*	
32 93 43 00-0087	EA	3-1/2" Caliper Crataegus crusgalli inermis & cvs - Thornless Cockspur Hawthorn	763.95	
		For 2 Years Warranty, Add	*190.99*	
32 93 43 00-0088	EA	4" Caliper Crataegus crusgalli inermis & cvs - Thornless Cockspur Hawthorn	859.44	
		For 2 Years Warranty, Add	*214.86*	
32 93 43 00-0089	EA	6' Clump Form Crataegus crusgalli inermis & cvs - Thornless Cockspur Hawthorn	381.97	
		For 2 Years Warranty, Add	*95.49*	
32 93 43 00-0090	EA	7' Clump Form Crataegus crusgalli inermis & cvs - Thornless Cockspur Hawthorn	458.37	
		For 2 Years Warranty, Add	*114.59*	
32 93 43 00-0091	EA	8' Clump Form Crataegus crusgalli inermis & cvs - Thornless Cockspur Hawthorn	534.76	
		For 2 Years Warranty, Add	*133.69*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0092	EA	10' Clump Form Crataegus crusgalli inermis & cvs - Thornless Cockspur Hawthorn	668.45	
		For 2 Years Warranty, Add	*167.11*	
32 93 43 00-0093	EA	12' Clump Form Crataegus crusgalli inermis & cvs - Thornless Cockspur Hawthorn	859.44	
		For 2 Years Warranty, Add	*214.86*	
32 93 43 00-0094	EA	1-1/2" Caliper Crataegus phaenopyrum & cvs - Washington Hawthorn	305.58	
		For 2 Years Warranty, Add	*76.40*	
32 93 43 00-0095	EA	2" Caliper Crataegus phaenopyrum & cvs - Washington Hawthorn	343.78	
		For 2 Years Warranty, Add	*85.95*	
32 93 43 00-0096	EA	2-1/2" Caliper Crataegus phaenopyrum & cvs - Washington Hawthorn	381.97	
		For 2 Years Warranty, Add	*95.49*	
32 93 43 00-0097	EA	3" Caliper Crataegus phaenopyrum & cvs - Washington Hawthorn	439.27	
		For 2 Years Warranty, Add	*109.82*	
32 93 43 00-0098	EA	3-1/2" Caliper Crataegus phaenopyrum & cvs - Washington Hawthorn	572.96	
		For 2 Years Warranty, Add	*143.24*	
32 93 43 00-0099	EA	4" Caliper Crataegus phaenopyrum & cvs - Washington Hawthorn	649.36	
		For 2 Years Warranty, Add	*162.34*	
32 93 43 00-0100	EA	6' Clump Form Crataegus phaenopyrum & cvs - Washington Hawthorn	267.38	
		For 2 Years Warranty, Add	*66.85*	
32 93 43 00-0101	EA	7' Clump Form Crataegus phaenopyrum & cvs - Washington Hawthorn	324.68	
		For 2 Years Warranty, Add	*81.17*	
32 93 43 00-0102	EA	8' Clump Form Crataegus phaenopyrum & cvs - Washington Hawthorn	381.97	
		For 2 Years Warranty, Add	*95.49*	
32 93 43 00-0103	EA	10' Clump Form Crataegus phaenopyrum & cvs - Washington Hawthorn	477.47	
		For 2 Years Warranty, Add	*119.37*	
32 93 43 00-0104	EA	12' Clump Form Crataegus phaenopyrum & cvs - Washington Hawthorn	592.06	
		For 2 Years Warranty, Add	*148.02*	
32 93 43 00-0105	EA	14' Clump Form Crataegus phaenopyrum & cvs - Washington Hawthorn	706.65	
		For 2 Years Warranty, Add	*176.66*	
32 93 43 00-0106	EA	16' Clump Form Crataegus phaenopyrum & cvs - Washington Hawthorn	821.24	
		For 2 Years Warranty, Add	*205.31*	
32 93 43 00-0107	EA	1-1/2" Caliper Crataegus viridis - Winter King Hawthorn	305.58	
		For 2 Years Warranty, Add	*76.40*	
32 93 43 00-0108	EA	2" Caliper Crataegus viridis - Winter King Hawthorn	343.78	
		For 2 Years Warranty, Add	*85.95*	
32 93 43 00-0109	EA	2-1/2" Caliper Crataegus viridis - Winter King Hawthorn	477.47	
		For 2 Years Warranty, Add	*119.37*	
32 93 43 00-0110	EA	3" Caliper Crataegus viridis - Winter King Hawthorn	630.26	
		For 2 Years Warranty, Add	*157.57*	
32 93 43 00-0111	EA	6' Clump Form Crataegus viridis - Winter King Hawthorn	286.48	
		For 2 Years Warranty, Add	*71.62*	
32 93 43 00-0112	EA	7' Clump Form Crataegus viridis - Winter King Hawthorn	381.97	
		For 2 Years Warranty, Add	*95.49*	
32 93 43 00-0113	EA	8' Clump Form Crataegus viridis - Winter King Hawthorn	477.47	
		For 2 Years Warranty, Add	*119.37*	
32 93 43 00-0114	EA	10' Clump Form Crataegus viridis - Winter King Hawthorn	572.96	
		For 2 Years Warranty, Add	*143.24*	
32 93 43 00-0115	EA	4' Clump Form Hamamelis virginiana - Common Witchhazel	190.99	
		For 2 Years Warranty, Add	*47.75*	
32 93 43 00-0116	EA	5' Clump Form Hamamelis virginiana - Common Witchhazel	248.28	
		For 2 Years Warranty, Add	*62.07*	
32 93 43 00-0117	EA	6' Clump Form Hamamelis virginiana - Common Witchhazel	305.58	
		For 2 Years Warranty, Add	*76.40*	
32 93 43 00-0118	EA	7' Clump Form Hamamelis virginiana - Common Witchhazel	420.17	
		For 2 Years Warranty, Add	*105.04*	
32 93 43 00-0119	EA	8' Clump Form Hamamelis virginiana - Common Witchhazel	572.96	
		For 2 Years Warranty, Add	*143.24*	
32 93 43 00-0120	EA	4' Clump Form Magnolia acuminata, cvs & hybrids - Cucumbertree Magnolia	286.48	
		For 2 Years Warranty, Add	*71.62*	
32 93 43 00-0121	EA	5' Clump Form Magnolia acuminata, cvs & hybrids - Cucumbertree Magnolia	381.97	
		For 2 Years Warranty, Add	*95.49*	
32 93 43 00-0122	EA	6' Clump Form Magnolia acuminata, cvs & hybrids - Cucumbertree Magnolia	496.57	
		For 2 Years Warranty, Add	*124.14*	
32 93 43 00-0123	EA	7' Clump Form Magnolia acuminata, cvs & hybrids - Cucumbertree Magnolia	553.86	
		For 2 Years Warranty, Add	*138.47*	
32 93 43 00-0124	EA	9' Clump Form Magnolia acuminata, cvs & hybrids - Cucumbertree Magnolia	744.85	
		For 2 Years Warranty, Add	*186.21*	
32 93 43 00-0125	EA	8' Clump Form Magnolia acuminata, cvs & hybrids - Cucumbertree Magnolia	668.45	
		For 2 Years Warranty, Add	*167.11*	
32 93 43 00-0126	EA	4' Clump Form Magnolia kobus, cvs & hybrids - Kobus Magnolia	286.48	
		For 2 Years Warranty, Add	*71.62*	
32 93 43 00-0127	EA	5' Clump Form Magnolia kobus, cvs & hybrids - Kobus Magnolia	381.97	
		For 2 Years Warranty, Add	*95.49*	
32 93 43 00-0128	EA	6' Clump Form Magnolia kobus, cvs & hybrids - Kobus Magnolia	496.57	
		For 2 Years Warranty, Add	*124.14*	
32 93 43 00-0129	EA	7' Clump Form Magnolia kobus, cvs & hybrids - Kobus Magnolia	553.86	
		For 2 Years Warranty, Add	*138.47*	
32 93 43 00-0130	EA	8' Clump Form Magnolia kobus, cvs & hybrids - Kobus Magnolia	668.45	
		For 2 Years Warranty, Add	*167.11*	
32 93 43 00-0131	EA	9' Clump Form Magnolia kobus, cvs & hybrids - Kobus Magnolia	744.85	
		For 2 Years Warranty, Add	*186.21*	
32 93 43 00-0132	EA	4' Clump Form Magnolia loebneri, cvs & hybrids - Loebner Magnolia	286.48	
		For 2 Years Warranty, Add	*71.62*	
32 93 43 00-0133	EA	5' Clump Form Magnolia loebneri, cvs & hybrids - Loebner Magnolia	381.97	
		For 2 Years Warranty, Add	*95.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0134	EA	6' Clump Form Magnolia loebneri, cvs & hybrids - Loebner Magnolia	496.57	
		For 2 Years Warranty, Add	*124.14*	
32 93 43 00-0135	EA	7' Clump Form Magnolia loebneri, cvs & hybrids - Loebner Magnolia	553.86	
		For 2 Years Warranty, Add	*138.47*	
32 93 43 00-0136	EA	8' Clump Form Magnolia loebneri, cvs & hybrids - Loebner Magnolia	668.45	
		For 2 Years Warranty, Add	*167.11*	
32 93 43 00-0137	EA	9' Clump Form Magnolia loebneri, cvs & hybrids - Loebner Magnolia	744.85	
		For 2 Years Warranty, Add	*186.21*	
32 93 43 00-0138	EA	4' Clump Form Magnolia soulangiana & cvs - Saucer Magnolia	286.48	
		For 2 Years Warranty, Add	*71.62*	
32 93 43 00-0139	EA	5' Clump Form Magnolia soulangiana & cvs - Saucer Magnolia	381.97	
		For 2 Years Warranty, Add	*95.49*	
32 93 43 00-0140	EA	6' Clump Form Magnolia soulangiana & cvs - Saucer Magnolia	496.57	
		For 2 Years Warranty, Add	*124.14*	
32 93 43 00-0141	EA	7' Clump Form Magnolia soulangiana & cvs - Saucer Magnolia	553.86	
		For 2 Years Warranty, Add	*138.47*	
32 93 43 00-0142	EA	8' Clump Form Magnolia soulangiana & cvs - Saucer Magnolia	668.45	
		For 2 Years Warranty, Add	*167.11*	
32 93 43 00-0143	EA	9' Clump Form Magnolia soulangiana & cvs - Saucer Magnolia	744.85	
		For 2 Years Warranty, Add	*186.21*	
32 93 43 00-0144	EA	4' Clump Form Magnolia stellata, cvs & hybrids - Star Magnolia	286.48	
		For 2 Years Warranty, Add	*71.62*	
32 93 43 00-0145	EA	5' Clump Form Magnolia stellata, cvs & hybrids - Star Magnolia	381.97	
		For 2 Years Warranty, Add	*95.49*	
32 93 43 00-0146	EA	6' Clump Form Magnolia stellata, cvs & hybrids - Star Magnolia	496.57	
		For 2 Years Warranty, Add	*124.14*	
32 93 43 00-0147	EA	7' Clump Form Magnolia stellata, cvs & hybrids - Star Magnolia	553.86	
		For 2 Years Warranty, Add	*138.47*	
32 93 43 00-0148	EA	8' Clump Form Magnolia stellata, cvs & hybrids - Star Magnolia	668.45	
		For 2 Years Warranty, Add	*167.11*	
32 93 43 00-0149	EA	9' Clump Form Magnolia stellata, cvs & hybrids - Star Magnolia	744.85	
		For 2 Years Warranty, Add	*186.21*	
32 93 43 00-0150	EA	1-1/2" Caliper Malus cvs - Crabapple Varieties	229.18	
		For 2 Years Warranty, Add	*57.30*	
32 93 43 00-0151	EA	2" Caliper Malus cvs - Crabapple Varieties	305.58	
		For 2 Years Warranty, Add	*76.40*	
32 93 43 00-0152	EA	2-1/2" Caliper Malus cvs - Crabapple Varieties	381.97	
		For 2 Years Warranty, Add	*95.49*	
32 93 43 00-0153	EA	3" Caliper Malus cvs - Crabapple Varieties	458.37	
		For 2 Years Warranty, Add	*114.59*	
32 93 43 00-0154	EA	3-1/2" Caliper Malus cvs - Crabapple Varieties	534.76	
		For 2 Years Warranty, Add	*133.69*	
32 93 43 00-0155	EA	4" Caliper Malus cvs - Crabapple Varieties	611.16	
		For 2 Years Warranty, Add	*152.79*	
32 93 43 00-0156	EA	6' Clump Form Malus cvs - Crabapple Varieties	343.78	
		For 2 Years Warranty, Add	*85.95*	
32 93 43 00-0157	EA	7' Clump Form Malus cvs - Crabapple Varieties	381.97	
		For 2 Years Warranty, Add	*95.49*	
32 93 43 00-0158	EA	8' Clump Form Malus cvs - Crabapple Varieties	477.47	
		For 2 Years Warranty, Add	*119.37*	
32 93 43 00-0159	EA	10' Clump Form Malus cvs - Crabapple Varieties	534.76	
		For 2 Years Warranty, Add	*133.69*	
32 93 43 00-0160	EA	12' Clump Form Malus cvs - Crabapple Varieties	687.55	
		For 2 Years Warranty, Add	*171.89*	
32 93 43 00-0161	EA	Malus dwarf cvs as specified: - Dwarf Crabapple cultivars 1.5" cal. (Tina Sargent Crabapple)	381.97	
		For 2 Years Warranty, Add	*95.49*	
32 93 43 00-0162	EA	Malus dwarf cvs as specified: - Dwarf Crabapple cultivars 2.0" cal. (Tina Sargent Crabapple)	477.47	
		For 2 Years Warranty, Add	*119.37*	
32 93 43 00-0163	EA	Malus dwarf cvs as specified: - Dwarf Crabapple cultivars 4 feet, clump form (Tina Sargent Crabapple)	286.48	
		For 2 Years Warranty, Add	*71.62*	
32 93 43 00-0164	EA	Malus dwarf cvs as specified: - Dwarf Crabapple cultivars 5 feet, clump form (Tina Sargent Crabapple)	362.88	
		For 2 Years Warranty, Add	*90.72*	
32 93 43 00-0165	EA	Malus dwarf cvs as specified: - Dwarf Crabapple cultivars 6 feet, clump form (Tina Sargent Crabapple)	439.27	
		For 2 Years Warranty, Add	*109.82*	
32 93 43 00-0166	EA	Malus dwarf cvs as specified: - Dwarf Crabapple cultivars 7 feet, clump form (Tina Sargent Crabapple)	496.57	
		For 2 Years Warranty, Add	*124.14*	
32 93 43 00-0167	EA	Malus dwarf cvs as specified: - Dwarf Crabapple cultivars 8 feet, clump form (Tina Sargent Crabapple)	553.86	
		For 2 Years Warranty, Add	*138.47*	
32 93 43 00-0168	EA	Malus dwarf cvs as specified: - Dwarf Crabapple cultivars 9 feet, clump form (Tina Sargent Crabapple)	611.16	
		For 2 Years Warranty, Add	*152.79*	
32 93 43 00-0169	EA	Pyrus calleryana & cvs - Callery Pear 1.5 inch cal. (Chanticleer Or Aristocrat Flowering Pear)	535.81	
		For 2 Years Warranty, Add	*133.95*	
32 93 43 00-0170	EA	Pyrus calleryana & cvs - Callery Pear 2.0 inch cal. (Chanticleer Or Aristocrat Flowering Pear)	669.76	
		For 2 Years Warranty, Add	*167.44*	
32 93 43 00-0171	EA	Pyrus calleryana & cvs - Callery Pear 2.5 inch cal. (Chanticleer Or Aristocrat Flowering Pear)	830.50	
		For 2 Years Warranty, Add	*207.63*	
32 93 43 00-0172	EA	Pyrus calleryana & cvs - Callery Pear 3.0 inch cal. (Chanticleer Or Aristocrat Flowering Pear)	937.67	
		For 2 Years Warranty, Add	*234.42*	
32 93 43 00-0173	EA	Pyrus calleryana & cvs - Callery Pear 3.5 inch cal. (Chanticleer Or Aristocrat Flowering Pear)	1,044.83	
		For 2 Years Warranty, Add	*261.21*	
32 93 43 00-0174	EA	Pyrus calleryana & cvs - Callery Pear 4.0 inch cal. (Chanticleer Or Aristocrat Flowering Pear)	1,339.52	
		For 2 Years Warranty, Add	*334.88*	
32 93 43 00-0175	EA	1-1/2" Caliper Sorbus alnifolia - Korean Mountainash	381.97	
		For 2 Years Warranty, Add	*95.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0176	EA	2" Caliper Sorbus alnifolia - Korean Mountainash	477.47	
		For 2 Years Warranty, Add	*119.37*	
32 93 43 00-0177	EA	2-1/2" Caliper Sorbus alnifolia - Korean Mountainash	592.06	
		For 2 Years Warranty, Add	*148.02*	
32 93 43 00-0178	EA	3" Caliper Sorbus alnifolia - Korean Mountainash	725.75	
		For 2 Years Warranty, Add	*181.44*	
32 93 43 00-0179	EA	3-1/2" Caliper Sorbus alnifolia - Korean Mountainash	878.54	
		For 2 Years Warranty, Add	*219.64*	
32 93 43 00-0180	EA	4" Caliper Sorbus alnifolia - Korean Mountainash	1,050.43	
		For 2 Years Warranty, Add	*262.61*	
32 93 43 00-0181	EA	1-1/2" Caliper Syringa reticulata & cvs - Japanese Tree Lilac	496.57	
		For 2 Years Warranty, Add	*124.14*	
32 93 43 00-0182	EA	2" Caliper Syringa reticulata & cvs - Japanese Tree Lilac	534.76	
		For 2 Years Warranty, Add	*133.69*	
32 93 43 00-0183	EA	2-1/2" Caliper Syringa reticulata & cvs - Japanese Tree Lilac	649.36	
		For 2 Years Warranty, Add	*162.34*	
32 93 43 00-0184	EA	4' Clump Form Syringa reticulata & cvs - Japanese Tree Lilac	305.58	
		For 2 Years Warranty, Add	*76.40*	
32 93 43 00-0185	EA	5' Clump Form Syringa reticulata & cvs - Japanese Tree Lilac	362.88	
		For 2 Years Warranty, Add	*90.72*	
32 93 43 00-0186	EA	6' Clump Form Syringa reticulata & cvs - Japanese Tree Lilac	420.17	
		For 2 Years Warranty, Add	*105.04*	
32 93 43 00-0187	EA	7' Clump Form Syringa reticulata & cvs - Japanese Tree Lilac	477.47	
		For 2 Years Warranty, Add	*119.37*	
32 93 43 00-0188	EA	8' Clump Form Syringa reticulata & cvs - Japanese Tree Lilac	553.86	
		For 2 Years Warranty, Add	*138.47*	
32 93 43 00-0189	EA	10' Clump Form Syringa reticulata & cvs - Japanese Tree Lilac	706.65	
		For 2 Years Warranty, Add	*176.66*	
32 93 43 00-0190	EA	12' Clump Form Syringa reticulata & cvs - Japanese Tree Lilac	802.15	
		For 2 Years Warranty, Add	*200.54*	
32 93 43 00-0191	EA	14' Clump Form Syringa reticulata & cvs - Japanese Tree Lilac	916.74	
		For 2 Years Warranty, Add	*229.19*	

32 93 43 00-0192 Deciduous Shade Trees *(32 93 43)*

Note: All trees listed by caliper of trunk or height of tree if field grown, dug with spade, balled and burlapped and delivered to site.

32 93 43 00-0193	EA	2" Caliper Acer platanoides & cvs - Norway Maple	125.47	
		For 2 Years Warranty, Add	*31.37*	
32 93 43 00-0194	EA	2" Caliper Acer platanoides & cvs - Norway Maple	152.75	
		For 2 Years Warranty, Add	*38.19*	
32 93 43 00-0195	EA	3" Caliper Acer platanoides & cvs - Norway Maple	196.39	
		For 2 Years Warranty, Add	*49.10*	
32 93 43 00-0196	EA	3-1/2" Caliper Acer platanoides & cvs - Norway Maple	229.12	
		For 2 Years Warranty, Add	*57.28*	
32 93 43 00-0197	EA	4" Caliper Acer platanoides & cvs - Norway Maple	245.48	
		For 2 Years Warranty, Add	*61.37*	
32 93 43 00-0198	EA	4-1/2" Caliper Acer platanoides & cvs - Norway Maple	267.31	
		For 2 Years Warranty, Add	*66.83*	
32 93 43 00-0199	EA	5" Caliper Acer platanoides & cvs - Norway Maple	300.04	
		For 2 Years Warranty, Add	*75.01*	
32 93 43 00-0200	EA	2" Caliper Acer rubrum & cvs - Red Maple	120.01	
		For 2 Years Warranty, Add	*30.00*	
32 93 43 00-0201	EA	2-1/2" Caliper Acer rubrum & cvs - Red Maple	152.75	
		For 2 Years Warranty, Add	*38.19*	
32 93 43 00-0202	EA	3" Caliper Acer rubrum & cvs - Red Maple	196.39	
		For 2 Years Warranty, Add	*49.10*	
32 93 43 00-0203	EA	3-1/2" Caliper Acer rubrum & cvs - Red Maple	240.03	
		For 2 Years Warranty, Add	*60.01*	
32 93 43 00-0204	EA	4" Caliper Acer rubrum & cvs - Red Maple	272.76	
		For 2 Years Warranty, Add	*68.19*	
32 93 43 00-0205	EA	4-1/2" Caliper Acer rubrum & cvs - Red Maple	316.40	
		For 2 Years Warranty, Add	*79.10*	
32 93 43 00-0206	EA	5" Caliper Acer rubrum & cvs - Red Maple	354.59	
		For 2 Years Warranty, Add	*88.65*	
32 93 43 00-0207	EA	8' Clump Form Acer rubrum & cvs - Red Maple	147.29	
		For 2 Years Warranty, Add	*36.82*	
32 93 43 00-0208	EA	10' Clump Form Acer rubrum & cvs - Red Maple	196.39	
		For 2 Years Warranty, Add	*49.10*	
32 93 43 00-0209	EA	12' Clump Form Acer rubrum & cvs - Red Maple	229.12	
		For 2 Years Warranty, Add	*57.28*	
32 93 43 00-0210	EA	14' Clump Form Acer rubrum & cvs - Red Maple	261.85	
		For 2 Years Warranty, Add	*65.46*	
32 93 43 00-0211	EA	16' Clump Form Acer rubrum & cvs - Red Maple	294.58	
		For 2 Years Warranty, Add	*73.65*	
32 93 43 00-0212	EA	18' Clump Form Acer rubrum & cvs - Red Maple	327.31	
		For 2 Years Warranty, Add	*81.83*	
32 93 43 00-0213	EA	2" Caliper Acer saccharinum & cvs - Silver Maple	98.19	
		For 2 Years Warranty, Add	*24.55*	
32 93 43 00-0214	EA	2-1/2" Caliper Acer saccharinum & cvs - Silver Maple	130.93	
		For 2 Years Warranty, Add	*32.73*	
32 93 43 00-0215	EA	3" Caliper Acer saccharinum & cvs - Silver Maple	163.66	
		For 2 Years Warranty, Add	*40.92*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0216	EA	3-1/2" Caliper Acer saccharinum & cvs - Silver Maple	196.39	
		For 2 Years Warranty, Add	*49.10*	
32 93 43 00-0217	EA	4" Caliper Acer saccharinum & cvs - Silver Maple	229.12	
		For 2 Years Warranty, Add	*57.28*	
32 93 43 00-0218	EA	4-1/2" Caliper Acer saccharinum & cvs - Silver Maple	261.85	
		For 2 Years Warranty, Add	*65.46*	
32 93 43 00-0219	EA	5" Caliper Acer saccharinum & cvs - Silver Maple	294.58	
		For 2 Years Warranty, Add	*73.65*	
32 93 43 00-0220	EA	2" Caliper Acer saccharum & cvs - Sugar Maple	120.01	
		For 2 Years Warranty, Add	*30.00*	
32 93 43 00-0221	EA	2-1/2" Caliper Acer saccharum & cvs - Sugar Maple	158.20	
		For 2 Years Warranty, Add	*39.55*	
32 93 43 00-0222	EA	3" Caliper Acer saccharum & cvs - Sugar Maple	190.93	
		For 2 Years Warranty, Add	*47.73*	
32 93 43 00-0223	EA	3-1/2" Caliper Acer saccharum & cvs - Sugar Maple	218.21	
		For 2 Years Warranty, Add	*54.55*	
32 93 43 00-0224	EA	4" Caliper Acer saccharum & cvs - Sugar Maple	256.40	
		For 2 Years Warranty, Add	*64.10*	
32 93 43 00-0225	EA	4-1/2" Caliper Acer saccharum & cvs - Sugar Maple	294.58	
		For 2 Years Warranty, Add	*73.65*	
32 93 43 00-0226	EA	5" Caliper Acer saccharum & cvs - Sugar Maple	327.31	
		For 2 Years Warranty, Add	*81.83*	
32 93 43 00-0227	EA	10' Clump Form Acer saccharum & cvs - Sugar Maple	218.21	
		For 2 Years Warranty, Add	*54.55*	
32 93 43 00-0228	EA	12' Clump Form Acer saccharum & cvs - Sugar Maple	256.40	
		For 2 Years Warranty, Add	*64.10*	
32 93 43 00-0229	EA	14' Clump Form Acer saccharum & cvs - Sugar Maple	300.04	
		For 2 Years Warranty, Add	*75.01*	
32 93 43 00-0230	EA	16' Clump Form Acer saccharum & cvs - Sugar Maple	332.77	
		For 2 Years Warranty, Add	*83.19*	
32 93 43 00-0231	EA	18' Clump Form Acer saccharum & cvs - Sugar Maple	403.69	
		For 2 Years Warranty, Add	*100.92*	
32 93 43 00-0232	EA	20' Clump Form Acer saccharum & cvs - Sugar Maple	436.42	
		For 2 Years Warranty, Add	*109.11*	
32 93 43 00-0233	EA	2" Caliper Acer x freemanii & cvs - Freemanii Hybrid Maple	136.38	
		For 2 Years Warranty, Add	*34.10*	
32 93 43 00-0234	EA	2-1/2" Caliper Acer x freemanii & cvs - Freemanii Hybrid Maple	169.11	
		For 2 Years Warranty, Add	*42.28*	
32 93 43 00-0235	EA	3" Caliper Acer x freemanii & cvs - Freemanii Hybrid Maple	207.30	
		For 2 Years Warranty, Add	*51.83*	
32 93 43 00-0236	EA	3-1/2" Caliper Acer x freemanii & cvs - Freemanii Hybrid Maple	240.03	
		For 2 Years Warranty, Add	*60.01*	
32 93 43 00-0237	EA	4" Caliper Acer x freemanii & cvs - Freemanii Hybrid Maple	261.85	
		For 2 Years Warranty, Add	*65.46*	
32 93 43 00-0238	EA	4-1/2" Caliper Acer x freemanii & cvs - Freemanii Hybrid Maple	289.13	
		For 2 Years Warranty, Add	*72.28*	
32 93 43 00-0239	EA	5" Caliper Acer x freemanii & cvs - Freemanii Hybrid Maple	321.86	
		For 2 Years Warranty, Add	*80.47*	
32 93 43 00-0240	EA	10' Clump Form Acer x freemanii & cvs - Freemanii Hybrid Maple	196.39	
		For 2 Years Warranty, Add	*49.10*	
32 93 43 00-0241	EA	12' Clump Form Acer x freemanii & cvs - Freemanii Hybrid Maple	259.67	
		For 2 Years Warranty, Add	*64.92*	
32 93 43 00-0242	EA	14' Clump Form Acer x freemanii & cvs - Freemanii Hybrid Maple	302.22	
		For 2 Years Warranty, Add	*75.56*	
32 93 43 00-0243	EA	16' Clump Form Acer x freemanii & cvs - Freemanii Hybrid Maple	332.77	
		For 2 Years Warranty, Add	*83.19*	
32 93 43 00-0244	EA	18' Clump Form Acer x freemanii & cvs - Freemanii Hybrid Maple	403.69	
		For 2 Years Warranty, Add	*100.92*	
32 93 43 00-0245	EA	20' Clump Form Acer x freemanii & cvs - Freemanii Hybrid Maple	436.42	
		For 2 Years Warranty, Add	*109.11*	
32 93 43 00-0246	EA	2" Caliper Aesculus glabra - Ohio Buckeye	147.29	
		For 2 Years Warranty, Add	*36.82*	
32 93 43 00-0247	EA	2-1/2" Caliper Aesculus glabra - Ohio Buckeye	174.57	
		For 2 Years Warranty, Add	*43.64*	
32 93 43 00-0248	EA	3" Caliper Aesculus glabra - Ohio Buckeye	207.30	
		For 2 Years Warranty, Add	*51.83*	
32 93 43 00-0249	EA	3-1/2" Caliper Aesculus glabra - Ohio Buckeye	229.12	
		For 2 Years Warranty, Add	*57.28*	
32 93 43 00-0250	EA	4" Caliper Aesculus glabra - Ohio Buckeye	250.94	
		For 2 Years Warranty, Add	*62.74*	
32 93 43 00-0251	EA	4-1/2" Caliper Aesculus glabra - Ohio Buckeye	283.67	
		For 2 Years Warranty, Add	*70.92*	
32 93 43 00-0252	EA	5" Caliper Aesculus glabra - Ohio Buckeye	327.31	
		For 2 Years Warranty, Add	*81.83*	
32 93 43 00-0253	EA	2" Caliper Aesculus hippocastanum & cvs - Common Horsechestnut	190.93	
		For 2 Years Warranty, Add	*47.73*	
32 93 43 00-0254	EA	2-1/2" Caliper Aesculus hippocastanum & cvs - Common Horsechestnut	212.75	
		For 2 Years Warranty, Add	*53.19*	
32 93 43 00-0255	EA	3" Caliper Aesculus hippocastanum & cvs - Common Horsechestnut	240.03	
		For 2 Years Warranty, Add	*60.01*	
32 93 43 00-0256	EA	3-1/2" Caliper Aesculus hippocastanum & cvs - Common Horsechestnut	272.76	
		For 2 Years Warranty, Add	*68.19*	
32 93 43 00-0257	EA	4" Caliper Aesculus hippocastanum & cvs - Common Horsechestnut	327.31	
		For 2 Years Warranty, Add	*81.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0258	EA	2" Caliper Aesculus x carnea - Red Horsechestnut	190.93	
		For 2 Years Warranty, Add	*47.73*	
32 93 43 00-0259	EA	2-1/2" Caliper Aesculus x carnea - Red Horsechestnut	212.75	
		For 2 Years Warranty, Add	*53.19*	
32 93 43 00-0260	EA	3" Caliper Aesculus x carnea - Red Horsechestnut	240.03	
		For 2 Years Warranty, Add	*60.01*	
32 93 43 00-0261	EA	3-1/2" Caliper Aesculus x carnea - Red Horsechestnut	272.76	
		For 2 Years Warranty, Add	*68.19*	
32 93 43 00-0262	EA	4" Caliper Aesculus x carnea - Red Horsechestnut	327.31	
		For 2 Years Warranty, Add	*81.83*	
32 93 43 00-0263	EA	2" Caliper Alnus glutinosa - Common Alder, Black Alder	136.38	
		For 2 Years Warranty, Add	*34.10*	
32 93 43 00-0264	EA	2-1/2" Caliper Alnus glutinosa - Common Alder, Black Alder	158.20	
		For 2 Years Warranty, Add	*39.55*	
32 93 43 00-0265	EA	3" Caliper Alnus glutinosa - Common Alder, Black Alder	180.02	
		For 2 Years Warranty, Add	*45.01*	
32 93 43 00-0266	EA	3-1/2" Caliper Alnus glutinosa - Common Alder, Black Alder	207.30	
		For 2 Years Warranty, Add	*51.83*	
32 93 43 00-0267	EA	8' Clump Form Alnus glutinosa - Common Alder, Black Alder	141.84	
		For 2 Years Warranty, Add	*35.46*	
32 93 43 00-0268	EA	10' Clump Form Alnus glutinosa - Common Alder, Black Alder	174.57	
		For 2 Years Warranty, Add	*43.64*	
32 93 43 00-0269	EA	12' Clump Form Alnus glutinosa - Common Alder, Black Alder	196.39	
		For 2 Years Warranty, Add	*49.10*	
32 93 43 00-0270	EA	14' Clump Form Alnus glutinosa - Common Alder, Black Alder	218.21	
		For 2 Years Warranty, Add	*54.55*	
32 93 43 00-0271	EA	16' Clump Form Alnus glutinosa - Common Alder, Black Alder	245.48	
		For 2 Years Warranty, Add	*61.37*	
32 93 43 00-0272	EA	18' Clump Form Alnus glutinosa - Common Alder, Black Alder	272.76	
		For 2 Years Warranty, Add	*68.19*	
32 93 43 00-0273	EA	2" Caliper Betula nigra - River Birch	136.38	
		For 2 Years Warranty, Add	*34.10*	
32 93 43 00-0274	EA	2-1/2" Caliper Betula nigra - River Birch	154.44	
		For 2 Years Warranty, Add	*38.61*	
32 93 43 00-0275	EA	3" Caliper Betula nigra - River Birch	174.57	
		For 2 Years Warranty, Add	*43.64*	
32 93 43 00-0276	EA	3-1/2" Caliper Betula nigra - River Birch	218.21	
		For 2 Years Warranty, Add	*54.55*	
32 93 43 00-0277	EA	4" Caliper Betula nigra - River Birch	245.48	
		For 2 Years Warranty, Add	*61.37*	
32 93 43 00-0278	EA	4-1/2" Caliper Betula nigra - River Birch	272.76	
		For 2 Years Warranty, Add	*68.19*	
32 93 43 00-0279	EA	5" Caliper Betula nigra - River Birch	300.04	
		For 2 Years Warranty, Add	*75.01*	
32 93 43 00-0280	EA	8' Clump Form Betula nigra - River Birch	125.47	
		For 2 Years Warranty, Add	*31.37*	
32 93 43 00-0281	EA	10' Clump Form Betula nigra - River Birch	141.84	
		For 2 Years Warranty, Add	*35.46*	
32 93 43 00-0282	EA	12' Clump Form Betula nigra - River Birch	163.66	
		For 2 Years Warranty, Add	*40.92*	
32 93 43 00-0283	EA	14' Clump Form Betula nigra - River Birch	190.93	
		For 2 Years Warranty, Add	*47.73*	
32 93 43 00-0284	EA	16' Clump Form Betula nigra - River Birch	218.21	
		For 2 Years Warranty, Add	*54.55*	
32 93 43 00-0285	EA	12' Clump Form Betula platyphylla japonica & cvs - Asian White Birch	163.66	
		For 2 Years Warranty, Add	*40.92*	
32 93 43 00-0286	EA	14' Clump Form Betula platyphylla japonica & cvs - Asian White Birch	196.39	
		For 2 Years Warranty, Add	*49.10*	
32 93 43 00-0287	EA	16' Clump Form Betula platyphylla japonica & cvs - Asian White Birch	229.12	
		For 2 Years Warranty, Add	*57.28*	
32 93 43 00-0288	EA	18' Clump Form Betula platyphylla japonica & cvs - Asian White Birch	272.76	
		For 2 Years Warranty, Add	*68.19*	
32 93 43 00-0289	EA	20' Clump Form Betula platyphylla japonica & cvs - Asian White Birch	283.67	
		For 2 Years Warranty, Add	*70.92*	
32 93 43 00-0290	EA	2" Caliper Carpinus betulus & cvs - European Hornbeam	218.21	
		For 2 Years Warranty, Add	*54.55*	
32 93 43 00-0291	EA	2-1/2" Caliper Carpinus betulus & cvs - European Hornbeam	245.48	
		For 2 Years Warranty, Add	*61.37*	
32 93 43 00-0292	EA	3" Caliper Carpinus betulus & cvs - European Hornbeam	283.67	
		For 2 Years Warranty, Add	*70.92*	
32 93 43 00-0293	EA	3-1/2" Caliper Carpinus betulus & cvs - European Hornbeam	343.68	
		For 2 Years Warranty, Add	*85.92*	
32 93 43 00-0294	EA	6' Clump Form Carpinus betulus & cvs - European Hornbeam	98.19	
		For 2 Years Warranty, Add	*24.55*	
32 93 43 00-0295	EA	7' Clump Form Carpinus betulus & cvs - European Hornbeam	136.38	
		For 2 Years Warranty, Add	*34.10*	
32 93 43 00-0296	EA	8' Clump Form Carpinus betulus & cvs - European Hornbeam	169.11	
		For 2 Years Warranty, Add	*42.28*	
32 93 43 00-0297	EA	2" Caliper Catalpa speciosa - Northern Catalpa	120.01	
		For 2 Years Warranty, Add	*30.00*	
32 93 43 00-0298	EA	2-1/2" Caliper Catalpa speciosa - Northern Catalpa	163.66	
		For 2 Years Warranty, Add	*40.92*	
32 93 43 00-0299	EA	3" Caliper Catalpa speciosa - Northern Catalpa	212.75	
		For 2 Years Warranty, Add	*53.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0300	EA	3-1/2" Caliper Catalpa speciosa - Northern Catalpa	256.40	
		For 2 Years Warranty, Add	*64.10*	
32 93 43 00-0301	EA	4" Caliper Catalpa speciosa - Northern Catalpa	294.58	
		For 2 Years Warranty, Add	*73.65*	
32 93 43 00-0302	EA	2" Caliper Celtis occidentalis & cvs - Common Hackberry	152.75	
		For 2 Years Warranty, Add	*38.19*	
32 93 43 00-0303	EA	2-1/2" Caliper Celtis occidentalis & cvs - Common Hackberry	174.57	
		For 2 Years Warranty, Add	*43.64*	
32 93 43 00-0304	EA	3" Caliper Celtis occidentalis & cvs - Common Hackberry	212.75	
		For 2 Years Warranty, Add	*53.19*	
32 93 43 00-0305	EA	3-1/2" Caliper Celtis occidentalis & cvs - Common Hackberry	250.94	
		For 2 Years Warranty, Add	*62.74*	
32 93 43 00-0306	EA	4" Caliper Celtis occidentalis & cvs - Common Hackberry	289.13	
		For 2 Years Warranty, Add	*72.28*	
32 93 43 00-0307	EA	4-1/2" Caliper Celtis occidentalis & cvs - Common Hackberry	327.31	
		For 2 Years Warranty, Add	*81.83*	
32 93 43 00-0308	EA	3" Caliper Cercidiphyllum japonicum - Katsuratree	190.93	
		For 2 Years Warranty, Add	*47.73*	
32 93 43 00-0309	EA	3-1/2" Caliper Cercidiphyllum japonicum - Katsuratree	218.21	
		For 2 Years Warranty, Add	*54.55*	
32 93 43 00-0310	EA	4" Caliper Cercidiphyllum japonicum - Katsuratree	256.40	
		For 2 Years Warranty, Add	*64.10*	
32 93 43 00-0311	EA	5" Caliper Cercidiphyllum japonicum - Katsuratree	305.49	
		For 2 Years Warranty, Add	*76.37*	
32 93 43 00-0312	EA	6' Clump Form Cercidiphyllum japonicum - Katsuratree	152.75	
		For 2 Years Warranty, Add	*38.19*	
32 93 43 00-0313	EA	7' Clump Form Cercidiphyllum japonicum - Katsuratree	180.02	
		For 2 Years Warranty, Add	*45.01*	
32 93 43 00-0314	EA	8' Clump Form Cercidiphyllum japonicum - Katsuratree	218.21	
		For 2 Years Warranty, Add	*54.55*	
32 93 43 00-0315	EA	10' Clump Form Cercidiphyllum japonicum - Katsuratree	272.76	
		For 2 Years Warranty, Add	*68.19*	
32 93 43 00-0316	EA	12' Clump Form Cercidiphyllum japonicum - Katsuratree	327.31	
		For 2 Years Warranty, Add	*81.83*	
32 93 43 00-0317	EA	2" Caliper Cladrastus lutea - American Yellowwood	272.76	
		For 2 Years Warranty, Add	*68.19*	
32 93 43 00-0318	EA	2-1/2" Caliper Cladrastus lutea - American Yellowwood	327.31	
		For 2 Years Warranty, Add	*81.83*	
32 93 43 00-0319	EA	3" Caliper Cladrastus lutea - American Yellowwood	381.87	
		For 2 Years Warranty, Add	*95.47*	
32 93 43 00-0320	EA	3-1/2" Caliper Cladrastus lutea - American Yellowwood	436.42	
		For 2 Years Warranty, Add	*109.11*	
32 93 43 00-0321	EA	2" Caliper Corylus colurna - Turkish Filbert	169.11	
		For 2 Years Warranty, Add	*42.28*	
32 93 43 00-0322	EA	2-1/2" Caliper Corylus colurna - Turkish Filbert	190.93	
		For 2 Years Warranty, Add	*47.73*	
32 93 43 00-0323	EA	3" Caliper Corylus colurna - Turkish Filbert	218.21	
		For 2 Years Warranty, Add	*54.55*	
32 93 43 00-0324	EA	3-1/2" Caliper Corylus colurna - Turkish Filbert	250.94	
		For 2 Years Warranty, Add	*62.74*	
32 93 43 00-0325	EA	4" Caliper Corylus colurna - Turkish Filbert	300.04	
		For 2 Years Warranty, Add	*75.01*	
32 93 43 00-0326	EA	4-1/2" Caliper Corylus colurna - Turkish Filbert	349.13	
		For 2 Years Warranty, Add	*87.28*	
32 93 43 00-0327	EA	5" Caliper Corylus colurna - Turkish Filbert	398.23	
		For 2 Years Warranty, Add	*99.56*	
32 93 43 00-0328	EA	8' Clump Form Corylus colurna - Turkish Filbert	152.75	
		For 2 Years Warranty, Add	*38.19*	
32 93 43 00-0329	EA	10' Clump Form Corylus colurna - Turkish Filbert	185.48	
		For 2 Years Warranty, Add	*46.37*	
32 93 43 00-0330	EA	12' Clump Form Corylus colurna - Turkish Filbert	218.21	
		For 2 Years Warranty, Add	*54.55*	
32 93 43 00-0331	EA	14' Clump Form Corylus colurna - Turkish Filbert	245.48	
		For 2 Years Warranty, Add	*61.37*	
32 93 43 00-0332	EA	16' Clump Form Corylus colurna - Turkish Filbert	272.76	
		For 2 Years Warranty, Add	*68.19*	
32 93 43 00-0333	EA	1-1/2" Caliper Diospyros virginiana - Common Persimmon	98.19	
		For 2 Years Warranty, Add	*24.55*	
32 93 43 00-0334	EA	2" Caliper Diospyros virginiana - Common Persimmon	120.01	
		For 2 Years Warranty, Add	*30.00*	
32 93 43 00-0335	EA	2-1/2" Caliper Diospyros virginiana - Common Persimmon	152.75	
		For 2 Years Warranty, Add	*38.19*	
32 93 43 00-0336	EA	3" Caliper Diospyros virginiana - Common Persimmon	190.93	
		For 2 Years Warranty, Add	*47.73*	
32 93 43 00-0337	EA	3-1/2" Caliper Diospyros virginiana - Common Persimmon	229.12	
		For 2 Years Warranty, Add	*57.28*	
32 93 43 00-0338	EA	1-1/2" Caliper Fagus grandifolia - American Beech	218.21	
		For 2 Years Warranty, Add	*54.55*	
32 93 43 00-0339	EA	2" Caliper Fagus grandifolia - American Beech	283.67	
		For 2 Years Warranty, Add	*70.92*	
32 93 43 00-0340	EA	2-1/2" Caliper Fagus grandifolia - American Beech	360.04	
		For 2 Years Warranty, Add	*90.01*	
32 93 43 00-0341	EA	3" Caliper Fagus grandifolia - American Beech	436.42	
		For 2 Years Warranty, Add	*109.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0342	EA	3-1/2" Caliper Fagus grandifolia - American Beech	518.25	
		For 2 Years Warranty, Add	*129.56*	
32 93 43 00-0343	EA	2" Caliper Fagus sylvatica & cvs - European Beech	245.48	
		For 2 Years Warranty, Add	*61.37*	
32 93 43 00-0344	EA	2-1/2" Caliper Fagus sylvatica & cvs - European Beech	294.58	
		For 2 Years Warranty, Add	*73.65*	
32 93 43 00-0345	EA	3" Caliper Fagus sylvatica & cvs - European Beech	354.59	
		For 2 Years Warranty, Add	*88.65*	
32 93 43 00-0346	EA	3-1/2" Caliper Fagus sylvatica & cvs - European Beech	392.78	
		For 2 Years Warranty, Add	*98.20*	
32 93 43 00-0347	EA	4" Caliper Fagus sylvatica & cvs - European Beech	463.69	
		For 2 Years Warranty, Add	*115.92*	
32 93 43 00-0348	EA	4-1/2" Caliper Fagus sylvatica & cvs - European Beech	600.07	
		For 2 Years Warranty, Add	*150.02*	
32 93 43 00-0349	EA	5" Caliper Fagus sylvatica & cvs - European Beech	709.18	
		For 2 Years Warranty, Add	*177.30*	
32 93 43 00-0350	EA	2" Caliper Fraxinus americana & cvs - White Ash	136.38	
		For 2 Years Warranty, Add	*34.10*	
32 93 43 00-0351	EA	2-1/2" Caliper Fraxinus americana & cvs - White Ash	163.66	
		For 2 Years Warranty, Add	*40.92*	
32 93 43 00-0352	EA	3" Caliper Fraxinus americana & cvs - White Ash	207.30	
		For 2 Years Warranty, Add	*51.83*	
32 93 43 00-0353	EA	3-1/2" Caliper Fraxinus americana & cvs - White Ash	250.94	
		For 2 Years Warranty, Add	*62.74*	
32 93 43 00-0354	EA	4" Caliper Fraxinus americana & cvs - White Ash	294.58	
		For 2 Years Warranty, Add	*73.65*	
32 93 43 00-0355	EA	4-1/2" Caliper Fraxinus americana & cvs - White Ash	327.31	
		For 2 Years Warranty, Add	*81.83*	
32 93 43 00-0356	EA	5" Caliper Fraxinus americana & cvs - White Ash	381.87	
		For 2 Years Warranty, Add	*95.47*	
32 93 43 00-0357	EA	2" Caliper Fraxinus pennsylvanica & cvs - Green Ash	120.01	
		For 2 Years Warranty, Add	*30.00*	
32 93 43 00-0358	EA	2-1/2" Caliper Fraxinus pennsylvanica & cvs - Green Ash	141.84	
		For 2 Years Warranty, Add	*35.46*	
32 93 43 00-0359	EA	3" Caliper Fraxinus pennsylvanica & cvs - Green Ash	190.93	
		For 2 Years Warranty, Add	*47.73*	
32 93 43 00-0360	EA	3-1/2" Caliper Fraxinus pennsylvanica & cvs - Green Ash	229.12	
		For 2 Years Warranty, Add	*57.28*	
32 93 43 00-0361	EA	4" Caliper Fraxinus pennsylvanica & cvs - Green Ash	272.76	
		For 2 Years Warranty, Add	*68.19*	
32 93 43 00-0362	EA	4-1/2" Caliper Fraxinus pennsylvanica & cvs - Green Ash	294.58	
		For 2 Years Warranty, Add	*73.65*	
32 93 43 00-0363	EA	5" Caliper Fraxinus pennsylvanica & cvs - Green Ash	327.31	
		For 2 Years Warranty, Add	*81.83*	
32 93 43 00-0364	EA	1-1/2" Caliper Fraxinus quadrangulata - Blue Ash	163.66	
		For 2 Years Warranty, Add	*40.92*	
32 93 43 00-0365	EA	2" Caliper Fraxinus quadrangulata - Blue Ash	201.84	
		For 2 Years Warranty, Add	*50.46*	
32 93 43 00-0366	EA	2-1/2" Caliper Fraxinus quadrangulata - Blue Ash	245.48	
		For 2 Years Warranty, Add	*61.37*	
32 93 43 00-0367	EA	3" Caliper Fraxinus quadrangulata - Blue Ash	300.04	
		For 2 Years Warranty, Add	*75.01*	
32 93 43 00-0368	EA	3-1/2" Caliper Fraxinus quadrangulata - Blue Ash	354.59	
		For 2 Years Warranty, Add	*88.65*	
32 93 43 00-0369	EA	1-1/2" Caliper Ginkgo biloba & cvs - Ginkgo (Maidenhair Tree)	190.93	
		For 2 Years Warranty, Add	*47.73*	
32 93 43 00-0370	EA	2" Caliper Ginkgo biloba & cvs - Ginkgo (Maidenhair Tree)	212.75	
		For 2 Years Warranty, Add	*53.19*	
32 93 43 00-0371	EA	2-1/2" Caliper Ginkgo biloba & cvs - Ginkgo (Maidenhair Tree)	240.03	
		For 2 Years Warranty, Add	*60.01*	
32 93 43 00-0372	EA	3" Caliper Ginkgo biloba & cvs - Ginkgo (Maidenhair Tree)	267.31	
		For 2 Years Warranty, Add	*66.83*	
32 93 43 00-0373	EA	3-1/2" Caliper Ginkgo biloba & cvs - Ginkgo (Maidenhair Tree)	300.04	
		For 2 Years Warranty, Add	*75.01*	
32 93 43 00-0374	EA	4" Caliper Ginkgo biloba & cvs - Ginkgo (Maidenhair Tree)	327.31	
		For 2 Years Warranty, Add	*81.83*	
32 93 43 00-0375	EA	4-1/2" Caliper Ginkgo biloba & cvs - Ginkgo (Maidenhair Tree)	490.97	
		For 2 Years Warranty, Add	*122.74*	
32 93 43 00-0376	EA	5" Caliper Ginkgo biloba & cvs - Ginkgo (Maidenhair Tree)	545.52	
		For 2 Years Warranty, Add	*136.38*	
32 93 43 00-0377	EA	Gleditsia triocanthos in. & cvs - Thornless Common Honeylocust 2.0 inch cal. (Skyline Honeylocust)	130.93	
		For 2 Years Warranty, Add	*32.73*	
32 93 43 00-0378	EA	Gleditsia triocanthos in. & cvs - Thornless Common Honeylocust 2.5 inch cal. (Skyline Honeylocust)	163.66	
		For 2 Years Warranty, Add	*40.92*	
32 93 43 00-0379	EA	Gleditsia triocanthos in. & cvs - Thornless Common Honeylocust 3.0 inch cal. (Skyline Honeylocust)	196.39	
		For 2 Years Warranty, Add	*49.10*	
32 93 43 00-0380	EA	Gleditsia triocanthos in. & cvs - Thornless Common Honeylocust 3.5 inch cal. (Skyline Honeylocust)	229.12	
		For 2 Years Warranty, Add	*57.28*	
32 93 43 00-0381	EA	Gleditsia triocanthos in. & cvs - Thornless Common Honeylocust 4.0 inch cal. (Skyline Honeylocust)	261.85	
		For 2 Years Warranty, Add	*65.46*	
32 93 43 00-0382	EA	Gleditsia triocanthos in. & cvs - Thornless Common Honeylocust 4.5 inch cal. (Skyline Honeylocust)	294.58	
		For 2 Years Warranty, Add	*73.65*	
32 93 43 00-0383	EA	Gleditsia triocanthos in. & cvs - Thornless Common Honeylocust 5.0 inch cal. (Skyline Honeylocust)	349.13	
		For 2 Years Warranty, Add	*87.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0384	EA	2" Caliper Gymnocladus dioicus - Kentucky Coffeetree	169.11	
		For 2 Years Warranty, Add	*42.28*	
32 93 43 00-0385	EA	2-1/2" Caliper Gymnocladus dioicus - Kentucky Coffeetree	207.30	
		For 2 Years Warranty, Add	*51.83*	
32 93 43 00-0386	EA	3" Caliper Gymnocladus dioicus - Kentucky Coffeetree	245.48	
		For 2 Years Warranty, Add	*61.37*	
32 93 43 00-0387	EA	3-1/2" Caliper Gymnocladus dioicus - Kentucky Coffeetree	289.13	
		For 2 Years Warranty, Add	*72.28*	
32 93 43 00-0388	EA	4" Caliper Gymnocladus dioicus - Kentucky Coffeetree	327.31	
		For 2 Years Warranty, Add	*81.83*	
32 93 43 00-0389	EA	4-1/2" Caliper Gymnocladus dioicus - Kentucky Coffeetree	365.50	
		For 2 Years Warranty, Add	*91.38*	
32 93 43 00-0390	EA	5" Caliper Gymnocladus dioicus - Kentucky Coffeetree	409.14	
		For 2 Years Warranty, Add	*102.29*	
32 93 43 00-0391	EA	1-1/2" Caliper Juglans cinerea - Butternut	130.93	
		For 2 Years Warranty, Add	*32.73*	
32 93 43 00-0392	EA	2" Caliper Juglans cinerea - Butternut	152.75	
		For 2 Years Warranty, Add	*38.19*	
32 93 43 00-0393	EA	2-1/2" Caliper Juglans cinerea - Butternut	190.93	
		For 2 Years Warranty, Add	*47.73*	
32 93 43 00-0394	EA	3" Caliper Juglans cinerea - Butternut	240.03	
		For 2 Years Warranty, Add	*60.01*	
32 93 43 00-0395	EA	3-1/2" Caliper Juglans cinerea - Butternut	294.58	
		For 2 Years Warranty, Add	*73.65*	
32 93 43 00-0396	EA	1-1/2" Caliper Juglans nigra - Black Walnut	130.93	
		For 2 Years Warranty, Add	*32.73*	
32 93 43 00-0397	EA	2" Caliper Juglans nigra - Black Walnut	152.75	
		For 2 Years Warranty, Add	*38.19*	
32 93 43 00-0398	EA	2-1/2" Caliper Juglans nigra - Black Walnut	190.93	
		For 2 Years Warranty, Add	*47.73*	
32 93 43 00-0399	EA	3" Caliper Juglans nigra - Black Walnut	240.03	
		For 2 Years Warranty, Add	*60.01*	
32 93 43 00-0400	EA	3-1/2" Caliper Juglans nigra - Black Walnut	294.58	
		For 2 Years Warranty, Add	*73.65*	
32 93 43 00-0401	EA	4" Caliper Juglans nigra - Black Walnut	354.59	
		For 2 Years Warranty, Add	*88.65*	
32 93 43 00-0402	EA	4-1/2" Caliper Juglans nigra - Black Walnut	409.14	
		For 2 Years Warranty, Add	*102.29*	
32 93 43 00-0403	EA	5" Caliper Juglans nigra - Black Walnut	463.69	
		For 2 Years Warranty, Add	*115.92*	
32 93 43 00-0404	EA	1-1/2" Caliper Liquidambar styraciflua - American Sweetgum	174.57	
		For 2 Years Warranty, Add	*43.64*	
32 93 43 00-0405	EA	2" Caliper Liquidambar styraciflua - American Sweetgum	218.21	
		For 2 Years Warranty, Add	*54.55*	
32 93 43 00-0406	EA	2-1/2" Caliper Liquidambar styraciflua - American Sweetgum	272.76	
		For 2 Years Warranty, Add	*68.19*	
32 93 43 00-0407	EA	3" Caliper Liquidambar styraciflua - American Sweetgum	327.31	
		For 2 Years Warranty, Add	*81.83*	
32 93 43 00-0408	EA	3-1/2" Caliper Liquidambar styraciflua - American Sweetgum	381.87	
		For 2 Years Warranty, Add	*95.47*	
32 93 43 00-0409	EA	1-1/2" Caliper Liriodendron tulipifera - Tulip Tree	174.57	
		For 2 Years Warranty, Add	*43.64*	
32 93 43 00-0410	EA	2" Caliper Liriodendron tulipifera - Tulip Tree	240.03	
		For 2 Years Warranty, Add	*60.01*	
32 93 43 00-0411	EA	2-1/2" Caliper Liriodendron tulipifera - Tulip Tree	283.67	
		For 2 Years Warranty, Add	*70.92*	
32 93 43 00-0412	EA	3" Caliper Liriodendron tulipifera - Tulip Tree	327.31	
		For 2 Years Warranty, Add	*81.83*	
32 93 43 00-0413	EA	3-1/2" Caliper Liriodendron tulipifera - Tulip Tree	370.95	
		For 2 Years Warranty, Add	*92.74*	
32 93 43 00-0414	EA	8' Clump Form Liriodendron tulipifera - Tulip Tree	130.93	
		For 2 Years Warranty, Add	*32.73*	
32 93 43 00-0415	EA	10' Clump Form Liriodendron tulipifera - Tulip Tree	234.57	
		For 2 Years Warranty, Add	*58.64*	
32 93 43 00-0416	EA	12' Clump Form Liriodendron tulipifera - Tulip Tree	283.67	
		For 2 Years Warranty, Add	*70.92*	
32 93 43 00-0417	EA	1-1/2" Caliper Nyssa sylvatica - Black Tupelo Sour Gum	174.57	
		For 2 Years Warranty, Add	*43.64*	
32 93 43 00-0418	EA	2" Caliper Nyssa sylvatica - Black Tupelo Sour Gum	218.21	
		For 2 Years Warranty, Add	*54.55*	
32 93 43 00-0419	EA	2-1/2" Caliper Nyssa sylvatica - Black Tupelo Sour Gum	272.76	
		For 2 Years Warranty, Add	*68.19*	
32 93 43 00-0420	EA	3" Caliper Nyssa sylvatica - Black Tupelo Sour Gum	327.31	
		For 2 Years Warranty, Add	*81.83*	
32 93 43 00-0421	EA	3-1/2" Caliper Nyssa sylvatica - Black Tupelo Sour Gum	381.87	
		For 2 Years Warranty, Add	*95.47*	
32 93 43 00-0422	EA	4' Clump Form Nyssa sylvatica - Black Tupelo Sour Gum	76.37	
		For 2 Years Warranty, Add	*19.09*	
32 93 43 00-0423	EA	5' Clump Form Nyssa sylvatica - Black Tupelo Sour Gum	87.28	
		For 2 Years Warranty, Add	*21.82*	
32 93 43 00-0424	EA	6' Clump Form Nyssa sylvatica - Black Tupelo Sour Gum	103.65	
		For 2 Years Warranty, Add	*25.91*	
32 93 43 00-0425	EA	7' Clump Form Nyssa sylvatica - Black Tupelo Sour Gum	130.93	
		For 2 Years Warranty, Add	*32.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0426	EA	8' Clump Form Nyssa sylvatica - Black Tupelo Sour Gum	163.66	
		For 2 Years Warranty, Add	*40.92*	
32 93 43 00-0427	EA	2" Caliper Ostrya virginiana - American Hophornbeam	141.84	
		For 2 Years Warranty, Add	*35.46*	
32 93 43 00-0428	EA	2-1/2" Caliper Ostrya virginiana - American Hophornbeam	180.02	
		For 2 Years Warranty, Add	*45.01*	
32 93 43 00-0429	EA	3" Caliper Ostrya virginiana - American Hophornbeam	218.21	
		For 2 Years Warranty, Add	*54.55*	
32 93 43 00-0430	EA	3-1/2" Caliper Ostrya virginiana - American Hophornbeam	256.40	
		For 2 Years Warranty, Add	*64.10*	
32 93 43 00-0431	EA	4" Caliper Ostrya virginiana - American Hophornbeam	310.95	
		For 2 Years Warranty, Add	*77.74*	
32 93 43 00-0432	EA	2" Caliper Phellodendron amurense - Amur Corktree	109.10	
		For 2 Years Warranty, Add	*27.28*	
32 93 43 00-0433	EA	2-1/2" Caliper Phellodendron amurense - Amur Corktree	136.38	
		For 2 Years Warranty, Add	*34.10*	
32 93 43 00-0434	EA	3" Caliper Phellodendron amurense - Amur Corktree	163.66	
		For 2 Years Warranty, Add	*40.92*	
32 93 43 00-0435	EA	3-1/2" Caliper Phellodendron amurense - Amur Corktree	190.93	
		For 2 Years Warranty, Add	*47.73*	
32 93 43 00-0436	EA	4" Caliper Phellodendron amurense - Amur Corktree	218.21	
		For 2 Years Warranty, Add	*54.55*	
32 93 43 00-0437	EA	4-1/2" Caliper Phellodendron amurense - Amur Corktree	245.48	
		For 2 Years Warranty, Add	*61.37*	
32 93 43 00-0438	EA	5" Caliper Phellodendron amurense - Amur Corktree	272.76	
		For 2 Years Warranty, Add	*68.19*	
32 93 43 00-0439	EA	2" Caliper Platanus x acerifolia & cvs - London Planetree	130.93	
		For 2 Years Warranty, Add	*32.73*	
32 93 43 00-0440	EA	2-1/2" Caliper Platanus x acerifolia & cvs - London Planetree	158.20	
		For 2 Years Warranty, Add	*39.55*	
32 93 43 00-0441	EA	3" Caliper Platanus x acerifolia & cvs - London Planetree	190.93	
		For 2 Years Warranty, Add	*47.73*	
32 93 43 00-0442	EA	3-1/2" Caliper Platanus x acerifolia & cvs - London Planetree	229.12	
		For 2 Years Warranty, Add	*57.28*	
32 93 43 00-0443	EA	4" Caliper Platanus x acerifolia & cvs - London Planetree	272.76	
		For 2 Years Warranty, Add	*68.19*	
32 93 43 00-0444	EA	2" Caliper Populus alba & cvs - White Poplar	130.93	
		For 2 Years Warranty, Add	*32.73*	
32 93 43 00-0445	EA	2-1/2" Caliper Populus alba & cvs - White Poplar	152.75	
		For 2 Years Warranty, Add	*38.19*	
32 93 43 00-0446	EA	3" Caliper Populus alba & cvs - White Poplar	174.57	
		For 2 Years Warranty, Add	*43.64*	
32 93 43 00-0447	EA	3-1/2" Caliper Populus alba & cvs - White Poplar	207.30	
		For 2 Years Warranty, Add	*51.83*	
32 93 43 00-0448	EA	4" Caliper Populus alba & cvs - White Poplar	229.12	
		For 2 Years Warranty, Add	*57.28*	
32 93 43 00-0449	EA	4-1/2" Caliper Populus alba & cvs - White Poplar	261.85	
		For 2 Years Warranty, Add	*65.46*	
32 93 43 00-0450	EA	2" Caliper Populus deltoides & cvs - Eastern Cottonwood	120.01	
		For 2 Years Warranty, Add	*30.00*	
32 93 43 00-0451	EA	2-1/2" Caliper Populus deltoides & cvs - Eastern Cottonwood	158.20	
		For 2 Years Warranty, Add	*39.55*	
32 93 43 00-0452	EA	3" Caliper Populus deltoides & cvs - Eastern Cottonwood	190.93	
		For 2 Years Warranty, Add	*47.73*	
32 93 43 00-0453	EA	3-1/2" Caliper Populus deltoides & cvs - Eastern Cottonwood	229.12	
		For 2 Years Warranty, Add	*57.28*	
32 93 43 00-0454	EA	4" Caliper Populus deltoides & cvs - Eastern Cottonwood	272.76	
		For 2 Years Warranty, Add	*68.19*	
32 93 43 00-0455	EA	2" Caliper Quercus alba - White Oak	163.66	
		For 2 Years Warranty, Add	*40.92*	
32 93 43 00-0456	EA	2-1/2" Caliper Quercus alba - White Oak	190.93	
		For 2 Years Warranty, Add	*47.73*	
32 93 43 00-0457	EA	3" Caliper Quercus alba - White Oak	240.03	
		For 2 Years Warranty, Add	*60.01*	
32 93 43 00-0458	EA	3-1/2" Caliper Quercus alba - White Oak	300.04	
		For 2 Years Warranty, Add	*75.01*	
32 93 43 00-0459	EA	4" Caliper Quercus alba - White Oak	354.59	
		For 2 Years Warranty, Add	*88.65*	
32 93 43 00-0460	EA	4-1/2" Caliper Quercus alba - White Oak	436.42	
		For 2 Years Warranty, Add	*109.11*	
32 93 43 00-0461	EA	5" Caliper Quercus alba - White Oak	518.25	
		For 2 Years Warranty, Add	*129.56*	
32 93 43 00-0462	EA	2" Caliper Quercus bicolor - Swamp White Oak	190.93	
		For 2 Years Warranty, Add	*47.73*	
32 93 43 00-0463	EA	2-1/2" Caliper Quercus bicolor - Swamp White Oak	218.21	
		For 2 Years Warranty, Add	*54.55*	
32 93 43 00-0464	EA	3" Caliper Quercus bicolor - Swamp White Oak	250.94	
		For 2 Years Warranty, Add	*62.74*	
32 93 43 00-0465	EA	3-1/2" Caliper Quercus bicolor - Swamp White Oak	278.22	
		For 2 Years Warranty, Add	*69.56*	
32 93 43 00-0466	EA	4" Caliper Quercus bicolor - Swamp White Oak	316.40	
		For 2 Years Warranty, Add	*79.10*	
32 93 43 00-0467	EA	4-1/2" Caliper Quercus bicolor - Swamp White Oak	349.13	
		For 2 Years Warranty, Add	*87.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0468	EA	5" Caliper Quercus bicolor - Swamp White Oak	392.78	
		For 2 Years Warranty, Add	*98.20*	
32 93 43 00-0469	EA	10' Clump Form Quercus bicolor - Swamp White Oak	272.76	
		For 2 Years Warranty, Add	*68.19*	
32 93 43 00-0470	EA	12' Clump Form Quercus bicolor - Swamp White Oak	327.31	
		For 2 Years Warranty, Add	*81.83*	
32 93 43 00-0471	EA	14' Clump Form Quercus bicolor - Swamp White Oak	381.87	
		For 2 Years Warranty, Add	*95.47*	
32 93 43 00-0472	EA	16' Clump Form Quercus bicolor - Swamp White Oak	436.42	
		For 2 Years Warranty, Add	*109.11*	
32 93 43 00-0473	EA	2" Caliper Quercus coccinea - Scarlet Oak	141.84	
		For 2 Years Warranty, Add	*35.46*	
32 93 43 00-0474	EA	2-1/2" Caliper Quercus coccinea - Scarlet Oak	180.02	
		For 2 Years Warranty, Add	*45.01*	
32 93 43 00-0475	EA	3" Caliper Quercus coccinea - Scarlet Oak	223.66	
		For 2 Years Warranty, Add	*55.92*	
32 93 43 00-0476	EA	3-1/2" Caliper Quercus coccinea - Scarlet Oak	272.76	
		For 2 Years Warranty, Add	*68.19*	
32 93 43 00-0477	EA	4" Caliper Quercus coccinea - Scarlet Oak	327.31	
		For 2 Years Warranty, Add	*81.83*	
32 93 43 00-0478	EA	4-1/2" Caliper Quercus coccinea - Scarlet Oak	387.32	
		For 2 Years Warranty, Add	*96.83*	
32 93 43 00-0479	EA	5" Caliper Quercus coccinea - Scarlet Oak	452.78	
		For 2 Years Warranty, Add	*113.20*	
32 93 43 00-0480	EA	1-1/2" Caliper Quercus imbricaria - Shingle Oak	141.84	
		For 2 Years Warranty, Add	*35.46*	
32 93 43 00-0481	EA	2" Caliper Quercus imbricaria - Shingle Oak	190.93	
		For 2 Years Warranty, Add	*47.73*	
32 93 43 00-0482	EA	2-1/2" Caliper Quercus imbricaria - Shingle Oak	256.40	
		For 2 Years Warranty, Add	*64.10*	
32 93 43 00-0483	EA	3" Caliper Quercus imbricaria - Shingle Oak	381.87	
		For 2 Years Warranty, Add	*95.47*	
32 93 43 00-0484	EA	3-1/2" Caliper Quercus imbricaria - Shingle Oak	518.25	
		For 2 Years Warranty, Add	*129.56*	
32 93 43 00-0485	EA	1-1/2" Caliper Quercus macrocarpa - Bur Oak	141.84	
		For 2 Years Warranty, Add	*35.46*	
32 93 43 00-0486	EA	2" Caliper Quercus macrocarpa - Bur Oak	169.11	
		For 2 Years Warranty, Add	*42.28*	
32 93 43 00-0487	EA	2-1/2" Caliper Quercus macrocarpa - Bur Oak	201.84	
		For 2 Years Warranty, Add	*50.46*	
32 93 43 00-0488	EA	3" Caliper Quercus macrocarpa - Bur Oak	245.48	
		For 2 Years Warranty, Add	*61.37*	
32 93 43 00-0489	EA	3-1/2" Caliper Quercus macrocarpa - Bur Oak	300.04	
		For 2 Years Warranty, Add	*75.01*	
32 93 43 00-0490	EA	4" Caliper Quercus macrocarpa - Bur Oak	354.59	
		For 2 Years Warranty, Add	*88.65*	
32 93 43 00-0491	EA	9' Clump Form Quercus macrocarpa - Bur Oak	327.31	
		For 2 Years Warranty, Add	*81.83*	
32 93 43 00-0492	EA	10' Clump Form Quercus macrocarpa - Bur Oak	381.87	
		For 2 Years Warranty, Add	*95.47*	
32 93 43 00-0493	EA	12' Clump Form Quercus macrocarpa - Bur Oak	436.42	
		For 2 Years Warranty, Add	*109.11*	
32 93 43 00-0494	EA	2" Caliper Quercus palustris - Pin Oak	120.01	
		For 2 Years Warranty, Add	*30.00*	
32 93 43 00-0495	EA	2-1/2" Caliper Quercus palustris - Pin Oak	163.66	
		For 2 Years Warranty, Add	*40.92*	
32 93 43 00-0496	EA	3" Caliper Quercus palustris - Pin Oak	212.75	
		For 2 Years Warranty, Add	*53.19*	
32 93 43 00-0497	EA	3-1/2" Caliper Quercus palustris - Pin Oak	245.48	
		For 2 Years Warranty, Add	*61.37*	
32 93 43 00-0498	EA	4" Caliper Quercus palustris - Pin Oak	283.67	
		For 2 Years Warranty, Add	*70.92*	
32 93 43 00-0499	EA	4-1/2" Caliper Quercus palustris - Pin Oak	321.86	
		For 2 Years Warranty, Add	*80.47*	
32 93 43 00-0500	EA	5" Caliper Quercus palustris - Pin Oak	354.59	
		For 2 Years Warranty, Add	*88.65*	
32 93 43 00-0501	EA	2" Caliper Quercus robur & cvs - English Oak	141.84	
		For 2 Years Warranty, Add	*35.46*	
32 93 43 00-0502	EA	2-1/2" Caliper Quercus robur & cvs - English Oak	174.57	
		For 2 Years Warranty, Add	*43.64*	
32 93 43 00-0503	EA	3" Caliper Quercus robur & cvs - English Oak	207.30	
		For 2 Years Warranty, Add	*51.83*	
32 93 43 00-0504	EA	3-1/2" Caliper Quercus robur & cvs - English Oak	245.48	
		For 2 Years Warranty, Add	*61.37*	
32 93 43 00-0505	EA	4" Caliper Quercus robur & cvs - English Oak	283.67	
		For 2 Years Warranty, Add	*70.92*	
32 93 43 00-0506	EA	4-1/2" Caliper Quercus robur & cvs - English Oak	327.31	
		For 2 Years Warranty, Add	*81.83*	
32 93 43 00-0507	EA	5" Caliper Quercus robur & cvs - English Oak	370.95	
		For 2 Years Warranty, Add	*92.74*	
32 93 43 00-0508	EA	2" Caliper Quercus rubra - Red Oak	163.66	
		For 2 Years Warranty, Add	*40.92*	
32 93 43 00-0509	EA	2-1/2" Caliper Quercus rubra - Red Oak	190.93	
		For 2 Years Warranty, Add	*47.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0510	EA	3" Caliper Quercus rubra - Red Oak	229.12	
		For 2 Years Warranty, Add	*57.28*	
32 93 43 00-0511	EA	3-1/2" Caliper Quercus rubra - Red Oak	272.76	
		For 2 Years Warranty, Add	*68.19*	
32 93 43 00-0512	EA	4" Caliper Quercus rubra - Red Oak	327.31	
		For 2 Years Warranty, Add	*81.83*	
32 93 43 00-0513	EA	4-1/2" Caliper Quercus rubra - Red Oak	381.87	
		For 2 Years Warranty, Add	*95.47*	
32 93 43 00-0514	EA	5" Caliper Quercus rubra - Red Oak	436.42	
		For 2 Years Warranty, Add	*109.11*	
32 93 43 00-0515	EA	16' Clump Form Quercus rubra - Red Oak	354.59	
		For 2 Years Warranty, Add	*88.65*	
32 93 43 00-0516	EA	18' Clump Form Quercus rubra - Red Oak	425.51	
		For 2 Years Warranty, Add	*106.38*	
32 93 43 00-0517	EA	20' Clump Form Quercus rubra - Red Oak	474.60	
		For 2 Years Warranty, Add	*118.65*	
32 93 43 00-0518	EA	2" Caliper Quercus shumardii - Shumard Oak	185.48	
		For 2 Years Warranty, Add	*46.37*	
32 93 43 00-0519	EA	2-1/2" Caliper Quercus shumardii - Shumard Oak	234.57	
		For 2 Years Warranty, Add	*58.64*	
32 93 43 00-0520	EA	3" Caliper Quercus shumardii - Shumard Oak	272.76	
		For 2 Years Warranty, Add	*68.19*	
32 93 43 00-0521	EA	3-1/2" Caliper Quercus shumardii - Shumard Oak	327.31	
		For 2 Years Warranty, Add	*81.83*	
32 93 43 00-0522	EA	4" Caliper Quercus shumardii - Shumard Oak	381.87	
		For 2 Years Warranty, Add	*95.47*	
32 93 43 00-0523	EA	4-1/2" Caliper Quercus shumardii - Shumard Oak	436.42	
		For 2 Years Warranty, Add	*109.11*	
32 93 43 00-0524	EA	5" Caliper Quercus shumardii - Shumard Oak	490.97	
		For 2 Years Warranty, Add	*122.74*	
32 93 43 00-0525	EA	2" Caliper Quercus schuettii - Swamp Bur Oak	163.66	
		For 2 Years Warranty, Add	*40.92*	
32 93 43 00-0526	EA	2-1/2" Caliper Quercus schuettii - Swamp Bur Oak	196.39	
		For 2 Years Warranty, Add	*49.10*	
32 93 43 00-0527	EA	3" Caliper Quercus schuettii - Swamp Bur Oak	245.48	
		For 2 Years Warranty, Add	*61.37*	
32 93 43 00-0528	EA	3-1/2" Caliper Quercus schuettii - Swamp Bur Oak	300.04	
		For 2 Years Warranty, Add	*75.01*	
32 93 43 00-0529	EA	4" Caliper Quercus schuettii - Swamp Bur Oak	349.13	
		For 2 Years Warranty, Add	*87.28*	
32 93 43 00-0530	EA	4-1/2" Caliper Quercus schuettii - Swamp Bur Oak	392.78	
		For 2 Years Warranty, Add	*98.20*	
32 93 43 00-0531	EA	24" Box Salix babylonica - Weeping Willow	137.89	
		For 2 Years Warranty, Add	*34.47*	
32 93 43 00-0532	EA	36" Box Salix babylonica - Weeping Willow	344.73	
		For 2 Years Warranty, Add	*86.18*	
32 93 43 00-0533	EA	1-1/2" To 2" Caliper Salix babylonica - Weeping Willow	79.30	
		For 2 Years Warranty, Add	*19.83*	
32 93 43 00-0534	EA	2" To 2-1/2" Caliper Salix babylonica - Weeping Willow	94.81	
		For 2 Years Warranty, Add	*23.70*	
32 93 43 00-0535	EA	2-1/2" To 3" Caliper Salix babylonica - Weeping Willow	103.42	
		For 2 Years Warranty, Add	*25.86*	
32 93 43 00-0536	EA	2" Caliper Salix alba & cvs - White Willow	87.28	
		For 2 Years Warranty, Add	*21.82*	
32 93 43 00-0537	EA	2-1/2" Caliper Salix alba & cvs - White Willow	103.65	
		For 2 Years Warranty, Add	*25.91*	
32 93 43 00-0538	EA	3" Caliper Salix alba & cvs - White Willow	136.38	
		For 2 Years Warranty, Add	*34.10*	
32 93 43 00-0539	EA	3-1/2" Caliper Salix alba & cvs - White Willow	163.66	
		For 2 Years Warranty, Add	*40.92*	
32 93 43 00-0540	EA	4" Caliper Salix alba & cvs - White Willow	196.39	
		For 2 Years Warranty, Add	*49.10*	
32 93 43 00-0541	EA	4-1/2" Caliper Salix alba & cvs - White Willow	229.12	
		For 2 Years Warranty, Add	*57.28*	
32 93 43 00-0542	EA	5" Caliper Salix alba & cvs - White Willow	261.85	
		For 2 Years Warranty, Add	*65.46*	
32 93 43 00-0543	EA	5' Clump Form Sassafras albidum - Common Sassafras	103.65	
		For 2 Years Warranty, Add	*25.91*	
32 93 43 00-0544	EA	6' Clump Form Sassafras albidum - Common Sassafras	125.47	
		For 2 Years Warranty, Add	*31.37*	
32 93 43 00-0545	EA	7' Clump Form Sassafras albidum - Common Sassafras	158.20	
		For 2 Years Warranty, Add	*39.55*	
32 93 43 00-0546	EA	8' Clump Form Sassafras albidum - Common Sassafras	180.02	
		For 2 Years Warranty, Add	*45.01*	
32 93 43 00-0547	EA	10' Clump Form Sassafras albidum - Common Sassafras	201.84	
		For 2 Years Warranty, Add	*50.46*	
32 93 43 00-0548	EA	12' Clump Form Sassafras albidum - Common Sassafras	245.48	
		For 2 Years Warranty, Add	*61.37*	
32 93 43 00-0549	EA	14' Clump Form Sassafras albidum - Common Sassafras	300.04	
		For 2 Years Warranty, Add	*75.01*	
32 93 43 00-0550	EA	16' Clump Form Sassafras albidum - Common Sassafras	354.59	
		For 2 Years Warranty, Add	*88.65*	
32 93 43 00-0551	EA	2" Caliper Taxodium distichum - Common Bald Cypress	136.38	
		For 2 Years Warranty, Add	*34.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0552	EA	2-1/2" Caliper Taxodium distichum - Common Bald Cypress	158.20	
		For 2 Years Warranty, Add	*39.55*	
32 93 43 00-0553	EA	3" Caliper Taxodium distichum - Common Bald Cypress	190.93	
		For 2 Years Warranty, Add	*47.73*	
32 93 43 00-0554	EA	3-1/2" Caliper Taxodium distichum - Common Bald Cypress	218.21	
		For 2 Years Warranty, Add	*54.55*	
32 93 43 00-0555	EA	4" Caliper Taxodium distichum - Common Bald Cypress	240.03	
		For 2 Years Warranty, Add	*60.01*	
32 93 43 00-0556	EA	6' Clump Form Taxodium distichum - Common Bald Cypress	120.01	
		For 2 Years Warranty, Add	*30.00*	
32 93 43 00-0557	EA	7' Clump Form Taxodium distichum - Common Bald Cypress	136.38	
		For 2 Years Warranty, Add	*34.10*	
32 93 43 00-0558	EA	8' Clump Form Taxodium distichum - Common Bald Cypress	196.39	
		For 2 Years Warranty, Add	*49.10*	
32 93 43 00-0559	EA	10' Clump Form Taxodium distichum - Common Bald Cypress	218.21	
		For 2 Years Warranty, Add	*54.55*	
32 93 43 00-0560	EA	12' Clump Form Taxodium distichum - Common Bald Cypress	245.48	
		For 2 Years Warranty, Add	*61.37*	
32 93 43 00-0561	EA	14' Clump Form Taxodium distichum - Common Bald Cypress	283.67	
		For 2 Years Warranty, Add	*70.92*	
32 93 43 00-0562	EA	16' Clump Form Taxodium distichum - Common Bald Cypress	327.31	
		For 2 Years Warranty, Add	*81.83*	
32 93 43 00-0563	EA	2" Caliper Tilia americana & cvs - American Linden Basswood	136.38	
		For 2 Years Warranty, Add	*34.10*	
32 93 43 00-0564	EA	2-1/2" Caliper Tilia americana & cvs - American Linden Basswood	158.20	
		For 2 Years Warranty, Add	*39.55*	
32 93 43 00-0565	EA	3" Caliper Tilia americana & cvs - American Linden Basswood	201.84	
		For 2 Years Warranty, Add	*50.46*	
32 93 43 00-0566	EA	3-1/2" Caliper Tilia americana & cvs - American Linden Basswood	234.57	
		For 2 Years Warranty, Add	*58.64*	
32 93 43 00-0567	EA	4" Caliper Tilia americana & cvs - American Linden; Basswood	267.31	
		For 2 Years Warranty, Add	*66.83*	
32 93 43 00-0568	EA	4-1/2" Caliper Tilia americana & cvs - American Linden Basswood	300.04	
		For 2 Years Warranty, Add	*75.01*	
32 93 43 00-0569	EA	5" Caliper Tilia americana & cvs - American Linden Basswood	327.31	
		For 2 Years Warranty, Add	*81.83*	
32 93 43 00-0570	EA	10' Clump Form Tilia americana & cvs - American Linden Basswood	174.57	
		For 2 Years Warranty, Add	*43.64*	
32 93 43 00-0571	EA	12' Clump Form Tilia americana & cvs - American Linden Basswood	190.93	
		For 2 Years Warranty, Add	*47.73*	
32 93 43 00-0572	EA	14' Clump Form Tilia americana & cvs - American Linden Basswood	218.21	
		For 2 Years Warranty, Add	*54.55*	
32 93 43 00-0573	EA	16' Clump Form Tilia americana & cvs - American Linden Basswood	250.94	
		For 2 Years Warranty, Add	*62.74*	
32 93 43 00-0574	EA	2" Caliper Tilia cordata & cvs - Littleleaf Linden	137.20	
		For 2 Years Warranty, Add	*34.30*	
32 93 43 00-0575	EA	2-1/2" Caliper Tilia cordata & cvs - Littleleaf Linden	165.73	
		For 2 Years Warranty, Add	*41.43*	
32 93 43 00-0576	EA	3" Caliper Tilia cordata & cvs - Littleleaf Linden	190.93	
		For 2 Years Warranty, Add	*47.73*	
32 93 43 00-0577	EA	3-1/2" Caliper Tilia cordata & cvs - Littleleaf Linden	234.57	
		For 2 Years Warranty, Add	*58.64*	
32 93 43 00-0578	EA	4" Caliper Tilia cordata & cvs - Littleleaf Linden	267.31	
		For 2 Years Warranty, Add	*66.83*	
32 93 43 00-0579	EA	4-1/2" Caliper Tilia cordata & cvs - Littleleaf Linden	300.04	
		For 2 Years Warranty, Add	*75.01*	
32 93 43 00-0580	EA	5" Caliper Tilia cordata & cvs - Littleleaf Linden	332.77	
		For 2 Years Warranty, Add	*83.19*	
32 93 43 00-0581	EA	2" Caliper Tilia tomentosa & cvs - Silver Linden	152.75	
		For 2 Years Warranty, Add	*38.19*	
32 93 43 00-0582	EA	2-1/2" Caliper Tilia tomentosa & cvs - Silver Linden	169.11	
		For 2 Years Warranty, Add	*42.28*	
32 93 43 00-0583	EA	3" Caliper Tilia tomentosa & cvs - Silver Linden	185.48	
		For 2 Years Warranty, Add	*46.37*	
32 93 43 00-0584	EA	3-1/2" Caliper Tilia tomentosa & cvs - Silver Linden	207.30	
		For 2 Years Warranty, Add	*51.83*	
32 93 43 00-0585	EA	4" Caliper Tilia tomentosa & cvs - Silver Linden	240.03	
		For 2 Years Warranty, Add	*60.01*	
32 93 43 00-0586	EA	4-1/2" Caliper Tilia tomentosa & cvs - Silver Linden	283.67	
		For 2 Years Warranty, Add	*70.92*	
32 93 43 00-0587	EA	5" Caliper Tilia tomentosa & cvs - Silver Linden	370.95	
		For 2 Years Warranty, Add	*92.74*	
32 93 43 00-0588	EA	2" Caliper Tilia x euchlora - Crimean Linden	152.75	
		For 2 Years Warranty, Add	*38.19*	
32 93 43 00-0589	EA	2-1/2" Caliper Tilia x euchlora - Crimean Linden	196.39	
		For 2 Years Warranty, Add	*49.10*	
32 93 43 00-0590	EA	3" Caliper Tilia x euchlora - Crimean Linden	240.03	
		For 2 Years Warranty, Add	*60.01*	
32 93 43 00-0591	EA	3-1/2" Caliper Tilia x euchlora - Crimean Linden	272.76	
		For 2 Years Warranty, Add	*68.19*	
32 93 43 00-0592	EA	4" Caliper Tilia x euchlora - Crimean Linden	305.49	
		For 2 Years Warranty, Add	*76.37*	
32 93 43 00-0593	EA	4-1/2" Caliper Tilia x euchlora - Crimean Linden	343.68	
		For 2 Years Warranty, Add	*85.92*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0594	EA	5" Caliper Tilia x euchlora - Crimean Linden	370.95	
		For 2 Years Warranty, Add	*92.74*	
32 93 43 00-0595	EA	2" Caliper Ulmus x `Homestead' - Homestead Hybrid Elm	152.75	
		For 2 Years Warranty, Add	*38.19*	
32 93 43 00-0596	EA	2-1/2" Caliper Ulmus x `Homestead' - Homestead Hybrid Elm	174.57	
		For 2 Years Warranty, Add	*43.64*	
32 93 43 00-0597	EA	3" Caliper Ulmus x `Homestead' - Homestead Hybrid Elm	190.93	
		For 2 Years Warranty, Add	*47.73*	
32 93 43 00-0598	EA	3-1/2" Caliper Ulmus x `Homestead' - Homestead Hybrid Elm	207.30	
		For 2 Years Warranty, Add	*51.83*	
32 93 43 00-0599	EA	4" Caliper Ulmus x `Homestead' - Homestead Hybrid Elm	229.12	
		For 2 Years Warranty, Add	*57.28*	
32 93 43 00-0600	EA	4-1/2" Caliper Ulmus x `Homestead' - Homestead Hybrid Elm	272.76	
		For 2 Years Warranty, Add	*68.19*	
32 93 43 00-0601	EA	5" Caliper Ulmus x `Homestead' - Homestead Hybrid Elm	321.86	
		For 2 Years Warranty, Add	*80.47*	
32 93 43 00-0602	EA	2" Caliper Ulmus x `Pioneer' - Pioneer Hybrid Elm	174.57	
		For 2 Years Warranty, Add	*43.64*	
32 93 43 00-0603	EA	2-1/2" Caliper Ulmus x `Pioneer' - Pioneer Hybrid Elm	190.93	
		For 2 Years Warranty, Add	*47.73*	
32 93 43 00-0604	EA	3" Caliper Ulmus x `Pioneer' - Pioneer Hybrid Elm	207.30	
		For 2 Years Warranty, Add	*51.83*	
32 93 43 00-0605	EA	3-1/2" Caliper Ulmus x `Pioneer' - Pioneer Hybrid Elm	229.12	
		For 2 Years Warranty, Add	*57.28*	
32 93 43 00-0606	EA	4" Caliper Ulmus x `Pioneer' - Pioneer Hybrid Elm	272.76	
		For 2 Years Warranty, Add	*68.19*	
32 93 43 00-0607	EA	4-1/2" Caliper Ulmus x `Pioneer' - Pioneer Hybrid Elm	321.86	
		For 2 Years Warranty, Add	*80.47*	
32 93 43 00-0608	EA	5" Caliper Ulmus x `Pioneer' - Pioneer Hybrid Elm	370.95	
		For 2 Years Warranty, Add	*92.74*	
32 93 43 00-0609	EA	2" Caliper Ulmus x `Regal' - Regal Hybrid Elm	174.57	
		For 2 Years Warranty, Add	*43.64*	
32 93 43 00-0610	EA	2-1/2" Mary-Louise Parker Ulmus x `Regal' - Regal Hybrid Elm	190.93	
		For 2 Years Warranty, Add	*47.73*	
32 93 43 00-0611	EA	3" Caliper Ulmus x `Regal' - Regal Hybrid Elm	207.30	
		For 2 Years Warranty, Add	*51.83*	
32 93 43 00-0612	EA	3-1/2" Caliper Ulmus x `Regal' - Regal Hybrid Elm	229.12	
		For 2 Years Warranty, Add	*57.28*	
32 93 43 00-0613	EA	4" Caliper Ulmus x `Regal' - Regal Hybrid Elm	272.76	
		For 2 Years Warranty, Add	*68.19*	
32 93 43 00-0614	EA	4-1/2" Caliper Ulmus x `Regal' - Regal Hybrid Elm	321.86	
		For 2 Years Warranty, Add	*80.47*	
32 93 43 00-0615	EA	5" Caliper Ulmus x `Regal' - Regal Hybrid Elm	370.95	
		For 2 Years Warranty, Add	*92.74*	

32 93 43 00-0616 Evergreen Trees *(32 93 43)*

Note: All trees listed by caliper of trunk or height of tree if field grown, dug with spade, balled and burlapped and delivered to site.

32 93 43 00-0617	EA	6' Abies balsamea - Balsam Fir	133.40	
		For 2 Years Warranty, Add	*33.35*	
32 93 43 00-0618	EA	7' Abies balsamea - Balsam Fir	166.75	
		For 2 Years Warranty, Add	*41.69*	
32 93 43 00-0619	EA	8' Abies balsamea - Balsam Fir	200.10	
		For 2 Years Warranty, Add	*50.03*	
32 93 43 00-0620	EA	9' Abies balsamea - Balsam Fir	266.80	
		For 2 Years Warranty, Add	*66.70*	
32 93 43 00-0621	EA	10' Abies balsamea - Balsam Fir	333.50	
		For 2 Years Warranty, Add	*83.38*	
32 93 43 00-0622	EA	12' Abies balsamea - Balsam Fir	400.20	
		For 2 Years Warranty, Add	*100.05*	
32 93 43 00-0623	EA	6' Abies concolor - White Fir	193.43	
		For 2 Years Warranty, Add	*48.36*	
32 93 43 00-0624	EA	7' Abies concolor - White Fir	220.11	
		For 2 Years Warranty, Add	*55.03*	
32 93 43 00-0625	EA	8' Abies concolor - White Fir	260.13	
		For 2 Years Warranty, Add	*65.03*	
32 93 43 00-0626	EA	9' Abies concolor - White Fir	300.15	
		For 2 Years Warranty, Add	*75.04*	
32 93 43 00-0627	EA	10' Abies concolor - White Fir	353.51	
		For 2 Years Warranty, Add	*88.38*	
32 93 43 00-0628	EA	12' Abies concolor - White Fir	433.55	
		For 2 Years Warranty, Add	*108.39*	
32 93 43 00-0629	EA	14' Abies concolor - White Fir	533.60	
		For 2 Years Warranty, Add	*133.40*	
32 93 43 00-0630	EA	16' Abies concolor - White Fir	600.30	
		For 2 Years Warranty, Add	*150.08*	
32 93 43 00-0631	EA	6' Abies fraseri - Frasier Fir	133.40	
		For 2 Years Warranty, Add	*33.35*	
32 93 43 00-0632	EA	7' Abies fraseri - Frasier Fir	166.75	
		For 2 Years Warranty, Add	*41.69*	
32 93 43 00-0633	EA	8' Abies fraseri - Frasier Fir	200.10	
		For 2 Years Warranty, Add	*50.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0634	EA	9' Abies fraseri - Frasier Fir	266.80	
		For 2 Years Warranty, Add	*66.70*	
32 93 43 00-0635	EA	10' Abies fraseri - Frasier Fir	333.50	
		For 2 Years Warranty, Add	*83.38*	
32 93 43 00-0636	EA	12' Abies fraseri - Frasier Fir	400.20	
		For 2 Years Warranty, Add	*100.05*	
32 93 43 00-0637	EA	5' Picea abies & cvs - Norway Spruce	146.74	
		For 2 Years Warranty, Add	*36.69*	
32 93 43 00-0638	EA	6' Picea abies & cvs - Norway Spruce	166.75	
		For 2 Years Warranty, Add	*41.69*	
32 93 43 00-0639	EA	7' Picea abies & cvs - Norway Spruce	200.10	
		For 2 Years Warranty, Add	*50.03*	
32 93 43 00-0640	EA	8' Picea abies & cvs - Norway Spruce	233.45	
		For 2 Years Warranty, Add	*58.36*	
32 93 43 00-0641	EA	9' Picea abies & cvs - Norway Spruce	313.49	
		For 2 Years Warranty, Add	*78.37*	
32 93 43 00-0642	EA	10' Picea abies & cvs - Norway Spruce	380.19	
		For 2 Years Warranty, Add	*95.05*	
32 93 43 00-0643	EA	12' Picea abies & cvs - Norway Spruce	466.90	
		For 2 Years Warranty, Add	*116.73*	
32 93 43 00-0644	EA	14' Picea abies & cvs - Norway Spruce	566.95	
		For 2 Years Warranty, Add	*141.74*	
32 93 43 00-0645	EA	6' Picea glauca - White Spruce	140.07	
		For 2 Years Warranty, Add	*35.02*	
32 93 43 00-0646	EA	7' Picea glauca - White Spruce	200.10	
		For 2 Years Warranty, Add	*50.03*	
32 93 43 00-0647	EA	8' Picea glauca - White Spruce	233.45	
		For 2 Years Warranty, Add	*58.36*	
32 93 43 00-0648	EA	9' Picea glauca - White Spruce	280.14	
		For 2 Years Warranty, Add	*70.04*	
32 93 43 00-0649	EA	10' Picea glauca - White Spruce	333.50	
		For 2 Years Warranty, Add	*83.38*	
32 93 43 00-0650	EA	12' Picea glauca - White Spruce	400.20	
		For 2 Years Warranty, Add	*100.05*	
32 93 43 00-0651	EA	4' Picea glauca densata - Black Hills Spruce	80.04	
		For 2 Years Warranty, Add	*20.01*	
32 93 43 00-0652	EA	5' Picea glauca densata - Black Hills Spruce	120.06	
		For 2 Years Warranty, Add	*30.02*	
32 93 43 00-0653	EA	6' Picea glauca densata - Black Hills Spruce	180.09	
		For 2 Years Warranty, Add	*45.02*	
32 93 43 00-0654	EA	7' Picea glauca densata - Black Hills Spruce	213.44	
		For 2 Years Warranty, Add	*53.36*	
32 93 43 00-0655	EA	8' Picea glauca densata - Black Hills Spruce	246.79	
		For 2 Years Warranty, Add	*61.70*	
32 93 43 00-0656	EA	9' Picea glauca densata - Black Hills Spruce	273.47	
		For 2 Years Warranty, Add	*68.37*	
32 93 43 00-0657	EA	10' Picea glauca densata - Black Hills Spruce	300.15	
		For 2 Years Warranty, Add	*75.04*	
32 93 43 00-0658	EA	6' Picea omorika & cvs - Serbian Spruce	180.09	
		For 2 Years Warranty, Add	*45.02*	
32 93 43 00-0659	EA	7' Picea omorika & cvs - Serbian Spruce	200.10	
		For 2 Years Warranty, Add	*50.03*	
32 93 43 00-0660	EA	8' Picea omorika & cvs - Serbian Spruce	240.12	
		For 2 Years Warranty, Add	*60.03*	
32 93 43 00-0661	EA	9' Picea omorika & cvs - Serbian Spruce	280.14	
		For 2 Years Warranty, Add	*70.04*	
32 93 43 00-0662	EA	10' Picea omorika & cvs - Serbian Spruce	320.16	
		For 2 Years Warranty, Add	*80.04*	
32 93 43 00-0663	EA	5' Picea pungens - Colorado Green Spruce	146.74	
		For 2 Years Warranty, Add	*36.69*	
32 93 43 00-0664	EA	6' Picea pungens - Colorado Green Spruce	186.76	
		For 2 Years Warranty, Add	*46.69*	
32 93 43 00-0665	EA	7' Picea pungens - Colorado Green Spruce	220.11	
		For 2 Years Warranty, Add	*55.03*	
32 93 43 00-0666	EA	8' Picea pungens - Colorado Green Spruce	253.46	
		For 2 Years Warranty, Add	*63.37*	
32 93 43 00-0667	EA	9' Picea pungens - Colorado Green Spruce	293.48	
		For 2 Years Warranty, Add	*73.37*	
32 93 43 00-0668	EA	10' Picea pungens - Colorado Green Spruce	553.61	
		For 2 Years Warranty, Add	*138.40*	
32 93 43 00-0669	EA	12' Picea pungens - Colorado Green Spruce	400.20	
		For 2 Years Warranty, Add	*100.05*	
32 93 43 00-0670	EA	14' Picea pungens - Colorado Green Spruce	466.90	
		For 2 Years Warranty, Add	*116.73*	
32 93 43 00-0671	EA	16' Picea pungens - Colorado Green Spruce	600.30	
		For 2 Years Warranty, Add	*150.08*	
32 93 43 00-0672	EA	5' Picea pungens glauca & cvs - Colorado Blue Spruce	146.74	
		For 2 Years Warranty, Add	*36.69*	
32 93 43 00-0673	EA	6' Picea pungens glauca & cvs - Colorado Blue Spruce	200.10	
		For 2 Years Warranty, Add	*50.03*	
32 93 43 00-0674	EA	7' Picea pungens glauca & cvs - Colorado Blue Spruce	233.45	
		For 2 Years Warranty, Add	*58.36*	
32 93 43 00-0675	EA	8' Picea pungens glauca & cvs - Colorado Blue Spruce	266.80	
		For 2 Years Warranty, Add	*66.70*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0676	EA	9' Picea pungens glauca & cvs - Colorado Blue Spruce	300.15	
		For 2 Years Warranty, Add	*75.04*	
32 93 43 00-0677	EA	10' Picea pungens glauca & cvs - Colorado Blue Spruce	366.85	
		For 2 Years Warranty, Add	*91.71*	
32 93 43 00-0678	EA	12' Picea pungens glauca & cvs - Colorado Blue Spruce	466.90	
		For 2 Years Warranty, Add	*116.73*	
32 93 43 00-0679	EA	16' Picea pungens glauca & cvs - Colorado Blue Spruce	700.35	
		For 2 Years Warranty, Add	*175.09*	
32 93 43 00-0680	EA	2' Pinus strobus - Pyramidal White Pine	18.47	
		For 2 Years Warranty, Add	*4.62*	
32 93 43 00-0681	EA	3' Pinus strobus - Pyramidal White Pine	24.68	
		For 2 Years Warranty, Add	*6.17*	
32 93 43 00-0682	EA	4' Pinus strobus - Pyramidal White Pine	27.23	
		For 2 Years Warranty, Add	*6.81*	
32 93 43 00-0683	EA	5' Pinus strobus - Pyramidal White Pine	29.78	
		For 2 Years Warranty, Add	*7.45*	
32 93 43 00-0684	EA	6' Pinus strobus - Pyramidal White Pine	37.10	
		For 2 Years Warranty, Add	*9.28*	
32 93 43 00-0685	EA	7' Pinus strobus - Pyramidal White Pine	49.36	
		For 2 Years Warranty, Add	*12.34*	
32 93 43 00-0686	EA	8' Pinus strobus - Pyramidal White Pine	67.84	
		For 2 Years Warranty, Add	*16.96*	
32 93 43 00-0687	EA	10' Pinus strobus - Pyramidal White Pine	135.35	
		For 2 Years Warranty, Add	*33.84*	
32 93 43 00-0688	EA	12' Pinus strobus - Pyramidal White Pine	321.66	
		For 2 Years Warranty, Add	*80.42*	
32 93 43 00-0689	EA	14' Pinus strobus - Pyramidal White Pine	431.54	
		For 2 Years Warranty, Add	*107.89*	
32 93 43 00-0690	EA	16' Pinus strobus - Pyramidal White Pine	519.12	
		For 2 Years Warranty, Add	*129.78*	
32 93 43 00-0691	EA	2' Pinus strobus - White Pine	28.38	
		For 2 Years Warranty, Add	*7.10*	
32 93 43 00-0692	EA	3' Pinus strobus - White Pine	40.50	
		For 2 Years Warranty, Add	*10.13*	
32 93 43 00-0693	EA	4' Pinus strobus - White Pine	64.59	
		For 2 Years Warranty, Add	*16.15*	
32 93 43 00-0694	EA	5' Pinus strobus - White Pine	92.05	
		For 2 Years Warranty, Add	*23.01*	
32 93 43 00-0695	EA	6' Pinus strobus - White Pine	135.00	
		For 2 Years Warranty, Add	*33.75*	
32 93 43 00-0696	EA	7' Pinus strobus - White Pine	161.08	
		For 2 Years Warranty, Add	*40.27*	
32 93 43 00-0697	EA	8' Pinus strobus - White Pine	217.84	
		For 2 Years Warranty, Add	*54.46*	
32 93 43 00-0698	EA	10' Pinus strobus - White Pine	293.01	
		For 2 Years Warranty, Add	*73.25*	
32 93 43 00-0699	EA	12' Pinus strobus - White Pine	388.13	
		For 2 Years Warranty, Add	*97.03*	
32 93 43 00-0700	EA	14' Pinus strobus - White Pine	475.57	
		For 2 Years Warranty, Add	*118.89*	
32 93 43 00-0701	EA	16' Pinus strobus - White Pine	578.36	
		For 2 Years Warranty, Add	*144.59*	
32 93 43 00-0702	EA	3' Pinus sylvestris - Scotch Pine	43.82	
		For 2 Years Warranty, Add	*10.96*	
32 93 43 00-0703	EA	4' Pinus sylvestris - Scotch Pine	60.83	
		For 2 Years Warranty, Add	*15.21*	
32 93 43 00-0704	EA	5' Pinus sylvestris - Scotch Pine	85.38	
		For 2 Years Warranty, Add	*21.35*	
32 93 43 00-0705	EA	6' Pinus sylvestris - Scotch Pine	118.46	
		For 2 Years Warranty, Add	*29.62*	
32 93 43 00-0706	EA	7' Pinus sylvestris - Scotch Pine	145.14	
		For 2 Years Warranty, Add	*36.29*	
32 93 43 00-0707	EA	8' Pinus sylvestris - Scotch Pine	204.90	
		For 2 Years Warranty, Add	*51.23*	
32 93 43 00-0708	EA	9' Pinus sylvestris - Scotch Pine	260.13	
		For 2 Years Warranty, Add	*65.03*	
32 93 43 00-0709	EA	10' Pinus sylvestris - Scotch Pine	300.15	
		For 2 Years Warranty, Add	*75.04*	
32 93 43 00-0710	EA	12' Pinus sylvestris - Scotch Pine	353.51	
		For 2 Years Warranty, Add	*88.38*	
32 93 43 00-0711	EA	14' Pinus sylvestris - Scotch Pine	400.20	
		For 2 Years Warranty, Add	*100.05*	
32 93 43 00-0712	EA	16' Pinus sylvestris - Scotch Pine	466.90	
		For 2 Years Warranty, Add	*116.73*	
32 93 43 00-0713	EA	5' To 6' Pinus taeda - Loblolly Pine	19.07	
		For 2 Years Warranty, Add	*4.77*	
32 93 43 00-0714	EA	1 Gallon Pinus thunbergiana - Japanese Black Pine	4.72	
		For 2 Years Warranty, Add	*1.18*	
32 93 43 00-0715	EA	5 Gallon Pinus thunbergiana - Japanese Black Pine	16.75	
		For 2 Years Warranty, Add	*4.19*	
32 93 43 00-0716	EA	15 Gallon Pinus thunbergiana - Japanese Black Pine	54.27	
		For 2 Years Warranty, Add	*13.57*	
32 93 43 00-0717	EA	2' To 3' Pinus thunbergiana - Japanese Black Pine	22.97	
		For 2 Years Warranty, Add	*5.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0718	EA	3' To 4' Pinus thunbergiana - Japanese Black Pine	29.19	
		For 2 Years Warranty, Add	*7.30*	
32 93 43 00-0719	EA	4' To 5' Pinus thunbergiana - Japanese Black Pine	43.84	
		For 2 Years Warranty, Add	*10.96*	
32 93 43 00-0720	EA	5' To 6' Pinus thunbergiana - Japanese Black Pine	85.57	
		For 2 Years Warranty, Add	*21.39*	
32 93 43 00-0721	EA	6' To 7' Pinus Thunbergiana - Japanese Black Pine	96.01	
		For 2 Years Warranty, Add	*24.00*	
32 93 43 00-0722	EA	7' To 8' Pinus thunbergiana - Japanese Black Pine	119.98	
		For 2 Years Warranty, Add	*30.00*	
32 93 43 00-0723	EA	4' Pinus cembra - Swiss Stone Pine	113.39	
		For 2 Years Warranty, Add	*28.35*	
32 93 43 00-0724	EA	5' Pinus cembra - Swiss Stone Pine	140.07	
		For 2 Years Warranty, Add	*35.02*	
32 93 43 00-0725	EA	6' Pinus cembra - Swiss Stone Pine	173.42	
		For 2 Years Warranty, Add	*43.36*	
32 93 43 00-0726	EA	6' Pinus flexilis & cvs - Limber Pine	166.75	
		For 2 Years Warranty, Add	*41.69*	
32 93 43 00-0727	EA	7' Pinus flexilis & cvs - Limber Pine	193.43	
		For 2 Years Warranty, Add	*48.36*	
32 93 43 00-0728	EA	8' Pinus flexilis & cvs - Limber Pine	240.12	
		For 2 Years Warranty, Add	*60.03*	
32 93 43 00-0729	EA	9' Pinus flexilis & cvs - Limber Pine	293.48	
		For 2 Years Warranty, Add	*73.37*	
32 93 43 00-0730	EA	10' Pinus flexilis & cvs - Limber Pine	333.50	
		For 2 Years Warranty, Add	*83.38*	
32 93 43 00-0731	EA	1 Gallon Pinus mugo - Mugho Pine	6.22	
		For 2 Years Warranty, Add	*1.56*	
32 93 43 00-0732	EA	2 Gallon Pinus mugo - Mugho Pine	13.14	
		For 2 Years Warranty, Add	*3.29*	
32 93 43 00-0733	EA	3 Gallon Pinus mugo - Mugho Pine	16.45	
		For 2 Years Warranty, Add	*4.11*	
32 93 43 00-0734	EA	5 Gallon Pinus mugo - Mugho Pine	20.87	
		For 2 Years Warranty, Add	*5.22*	
32 93 43 00-0735	EA	12" To 15" Spread Pinus mugo - Mugho Pine	16.15	
		For 2 Years Warranty, Add	*4.04*	
32 93 43 00-0736	EA	15" To 18" Spread Pinus mugo - Mugho Pine	19.26	
		For 2 Years Warranty, Add	*4.82*	
32 93 43 00-0737	EA	18" To 24" Spread Pinus mugo - Mugho Pine	26.08	
		For 2 Years Warranty, Add	*6.52*	
32 93 43 00-0738	EA	2' To 2-1/2' Spread Pinus mugo - Mugho Pine	36.52	
		For 2 Years Warranty, Add	*9.13*	
32 93 43 00-0739	EA	2-1/2' To 3' Spread Pinus mugo - Mugho Pine	46.95	
		For 2 Years Warranty, Add	*11.74*	
32 93 43 00-0740	EA	3' To 3-1/2' Spread Pinus mugo - Mugho Pine	58.49	
		For 2 Years Warranty, Add	*14.62*	
32 93 43 00-0741	EA	3-1/2' To 4' Spread Pinus mugo - Mugho Pine	71.03	
		For 2 Years Warranty, Add	*17.76*	
32 93 43 00-0742	EA	6' Pinus nigra - Austrian Pine	166.75	
		For 2 Years Warranty, Add	*41.69*	
32 93 43 00-0743	EA	7' Pinus nigra - Austrian Pine	200.10	
		For 2 Years Warranty, Add	*50.03*	
32 93 43 00-0744	EA	8' Pinus nigra - Austrian Pine	260.13	
		For 2 Years Warranty, Add	*65.03*	
32 93 43 00-0745	EA	9' Pinus nigra - Austrian Pine	300.15	
		For 2 Years Warranty, Add	*75.04*	
32 93 43 00-0746	EA	10' Pinus nigra - Austrian Pine	353.51	
		For 2 Years Warranty, Add	*88.38*	
32 93 43 00-0747	EA	12' Pinus nigra - Austrian Pine	400.20	
		For 2 Years Warranty, Add	*100.05*	
32 93 43 00-0748	EA	14' Pinus nigra - Austrian Pine	446.89	
		For 2 Years Warranty, Add	*111.72*	
32 93 43 00-0749	EA	16' Pinus nigra - Austrian Pine	506.92	
		For 2 Years Warranty, Add	*126.73*	
32 93 43 00-0750	EA	5' Pinus peuce - Macedonian Pine	206.77	
		For 2 Years Warranty, Add	*51.69*	
32 93 43 00-0751	EA	6' Pinus peuce - Macedonian Pine	260.13	
		For 2 Years Warranty, Add	*65.03*	
32 93 43 00-0752	EA	7' Pinus peuce - Macedonian Pine	300.15	
		For 2 Years Warranty, Add	*75.04*	
32 93 43 00-0753	EA	8' Pinus peuce - Macedonian Pine	340.17	
		For 2 Years Warranty, Add	*85.04*	
32 93 43 00-0754	EA	9' Pinus peuce - Macedonian Pine	393.53	
		For 2 Years Warranty, Add	*98.38*	
32 93 43 00-0755	EA	5' Pseudotsuga menziesii - Douglas Fir	133.40	
		For 2 Years Warranty, Add	*33.35*	
32 93 43 00-0756	EA	6' Pseudotsuga menziesii - Douglas Fir	160.08	
		For 2 Years Warranty, Add	*40.02*	
32 93 43 00-0757	EA	7' Pseudotsuga menziesii - Douglas Fir	200.10	
		For 2 Years Warranty, Add	*50.03*	
32 93 43 00-0758	EA	8' Pseudotsuga menziesii - Douglas Fir	240.12	
		For 2 Years Warranty, Add	*60.03*	
32 93 43 00-0759	EA	9' Pseudotsuga menziesii - Douglas Fir	300.15	
		For 2 Years Warranty, Add	*75.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0760	EA	10' Pseudotsuga menziesii - Douglas Fir	353.51	
		For 2 Years Warranty, Add	*88.38*	
32 93 43 00-0761	EA	12' Pseudotsuga menziesii - Douglas Fir	400.20	
		For 2 Years Warranty, Add	*100.05*	
32 93 43 00-0762	EA	6' Tsuga canadensis - Northern Hemlock	133.40	
		For 2 Years Warranty, Add	*33.35*	
32 93 43 00-0763	EA	7' Tsuga canadensis - Northern Hemlock	166.75	
		For 2 Years Warranty, Add	*41.69*	
32 93 43 00-0764	EA	8' Tsuga canadensis - Northern Hemlock	226.78	
		For 2 Years Warranty, Add	*56.70*	
32 93 43 00-0765	EA	9' Tsuga canadensis - Northern Hemlock	266.80	
		For 2 Years Warranty, Add	*66.70*	
32 93 43 00-0766	EA	10' Tsuga canadensis - Northern Hemlock	300.15	
		For 2 Years Warranty, Add	*75.04*	
32 93 43 00-0767	EA	12' Tsuga canadensis - Northern Hemlock	333.50	
		For 2 Years Warranty, Add	*83.38*	

32 93 83 Planting of Trees, Shrubs and Ground Cover *(32 93)*

Note: Includes moving plant(s) from truck or staging site to planting site, excavation of hole, placing plant in hole, backfill and compaction. Use appropriate gallon, height or caliper size to match with description from plant section.

32 93 83 00-0001 Planting Trees *(32 93 83)*

Note: Excludes mulch. See CSI section 32 91 13 16-0001 for mulch.

32 93 83 00-0002	EA	3" To 5" Bare Root Seedlings Tree Planting	1.65	
32 93 83 00-0003	EA	6" To 10" Bare Root Seedlings Tree Planting	2.65	
32 93 83 00-0004	EA	11" To 16" Bare Root Seedlings Tree Planting	3.31	
32 93 83 00-0005	EA	17" To 24" Bare Root Seedlings Tree Planting	5.29	
32 93 83 00-0006	EA	1 Gallon Container Tree Planting	26.44	
		For >10 To 25, Deduct	*-1.32*	
		For >25 To 50, Deduct	*-3.31*	
		For >50 To 100, Deduct	*-5.29*	
		For >100, Deduct	*-7.93*	
32 93 83 00-0007	EA	2 Gallon Container Tree Planting	37.02	
		For >10 To 25, Deduct	*-1.85*	
		For >25 To 50, Deduct	*-4.63*	
		For >50 To 100, Deduct	*-7.40*	
		For >100, Deduct	*-11.11*	
32 93 83 00-0008	EA	3 Gallon Container Tree Planting	47.59	
		For >10 To 25, Deduct	*-2.38*	
		For >25 To 50, Deduct	*-5.95*	
		For >50 To 100, Deduct	*-9.52*	
		For >100, Deduct	*-14.28*	
32 93 83 00-0009	EA	5 Gallon Container Tree Planting	79.33	
		For >10 To 25, Deduct	*-3.97*	
		For >25 To 50, Deduct	*-9.92*	
		For >50 To 100, Deduct	*-15.87*	
		For >100, Deduct	*-23.80*	
32 93 83 00-0010	EA	7 Gallon Container Tree Planting	105.76	
		For >10 To 25, Deduct	*-5.29*	
		For >25 To 50, Deduct	*-13.22*	
		For >50 To 100, Deduct	*-21.15*	
		For >100, Deduct	*-31.73*	
32 93 83 00-0011	EA	10 Gallon Container Tree Planting	137.49	
		For >10 To 25, Deduct	*-6.87*	
		For >25 To 50, Deduct	*-17.19*	
		For >50 To 100, Deduct	*-27.50*	
		For >100, Deduct	*-41.25*	
32 93 83 00-0012	EA	15 Gallon Container Tree Planting	195.66	
		For >10 To 25, Deduct	*-9.78*	
		For >25 To 50, Deduct	*-24.46*	
		For >50 To 100, Deduct	*-39.13*	
		For >100, Deduct	*-58.70*	
32 93 83 00-0013	EA	20 Gallon Container Tree Planting	322.58	
		For >10 To 25, Deduct	*-16.13*	
		For >25 To 50, Deduct	*-40.32*	
		For >50 To 100, Deduct	*-64.52*	
		For >100, Deduct	*-96.77*	
32 93 83 00-0014	EA	25 Gallon Container Tree Planting	417.76	
		For >10 To 25, Deduct	*-20.89*	
		For >25 To 50, Deduct	*-52.22*	
		For >50 To 100, Deduct	*-83.55*	
		For >100, Deduct	*-125.33*	
32 93 83 00-0015	EA	30 Gallon Container Tree Planting	502.37	
		For >10 To 25, Deduct	*-25.12*	
		For >25 To 50, Deduct	*-62.80*	
		For >50 To 100, Deduct	*-100.47*	
		For >100, Deduct	*-150.71*	
32 93 83 00-0016	EA	45 Gallon Container Tree Planting	624.01	
		For >10 To 25, Deduct	*-31.20*	
		For >25 To 50, Deduct	*-78.00*	
		For >50 To 100, Deduct	*-124.80*	
		For >100, Deduct	*-187.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 83 00-0017	EA	65 Gallon Container Tree Planting	740.34	
		For >10 To 25, Deduct	*-37.02*	
		For >25 To 50, Deduct	*-92.54*	
		For >50 To 100, Deduct	*-148.07*	
		For >100, Deduct	*-222.10*	
32 93 83 00-0018	EA	6' Balled And Burlapped Tree Planting	264.41	
		For >10 To 25, Deduct	*-13.22*	
		For >25 To 50, Deduct	*-33.05*	
		For >50 To 100, Deduct	*-52.88*	
		For >100, Deduct	*-79.32*	
32 93 83 00-0019	EA	7' Balled And Burlapped Tree Planting	352.19	
		For >10 To 25, Deduct	*-17.61*	
		For >25 To 50, Deduct	*-44.02*	
		For >50 To 100, Deduct	*-70.44*	
		For >100, Deduct	*-105.66*	
32 93 83 00-0020	EA	8' Balled And Burlapped Tree Planting	396.61	
		For >10 To 25, Deduct	*-19.83*	
		For >25 To 50, Deduct	*-49.58*	
		For >50 To 100, Deduct	*-79.32*	
		For >100, Deduct	*-118.98*	
32 93 83 00-0021	EA	10' Balled And Burlapped Tree Planting	462.72	
		For >10 To 25, Deduct	*-23.14*	
		For >25 To 50, Deduct	*-57.84*	
		For >50 To 100, Deduct	*-92.54*	
		For >100, Deduct	*-138.82*	
32 93 83 00-0022	EA	12' Balled And Burlapped Tree Planting	618.72	
		For >10 To 25, Deduct	*-30.94*	
		For >25 To 50, Deduct	*-77.34*	
		For >50 To 100, Deduct	*-123.74*	
		For >100, Deduct	*-185.62*	
32 93 83 00-0023	EA	14' Balled And Burlapped Tree Planting	708.62	
		For >10 To 25, Deduct	*-35.43*	
		For >25 To 50, Deduct	*-88.58*	
		For >50 To 100, Deduct	*-141.72*	
		For >100, Deduct	*-212.59*	
32 93 83 00-0024	EA	16' Balled And Burlapped Tree Planting	859.33	
		For >10 To 25, Deduct	*-42.97*	
		For >25 To 50, Deduct	*-107.42*	
		For >50 To 100, Deduct	*-171.87*	
		For >100, Deduct	*-257.80*	
32 93 83 00-0025	EA	18' Balled And Burlapped Tree Planting	1,031.20	
		For >10 To 25, Deduct	*-51.56*	
		For >25 To 50, Deduct	*-128.90*	
		For >50 To 100, Deduct	*-206.24*	
		For >100, Deduct	*-309.36*	
32 93 83 00-0026	EA	20' Balled And Burlapped Tree Planting	1,189.84	
		For >10 To 25, Deduct	*-59.49*	
		For >25 To 50, Deduct	*-148.73*	
		For >50 To 100, Deduct	*-237.97*	
		For >100, Deduct	*-356.95*	
32 93 83 00-0027	EA	1-1/2" Caliper Balled And Burlapped Tree Planting	396.61	
		For >10 To 25, Deduct	*-19.83*	
		For >25 To 50, Deduct	*-49.58*	
		For >50 To 100, Deduct	*-79.32*	
		For >100, Deduct	*-118.98*	
32 93 83 00-0028	EA	2" Caliper Balled And Burlapped Tree Planting	462.72	
		For >10 To 25, Deduct	*-23.14*	
		For >25 To 50, Deduct	*-57.84*	
		For >50 To 100, Deduct	*-92.54*	
		For >100, Deduct	*-138.82*	
32 93 83 00-0029	EA	2-1/2" Caliper Balled And Burlapped Tree Planting	621.36	
		For >10 To 25, Deduct	*-31.07*	
		For >25 To 50, Deduct	*-77.67*	
		For >50 To 100, Deduct	*-124.27*	
		For >100, Deduct	*-186.41*	
32 93 83 00-0030	EA	3" Caliper Balled And Burlapped Tree Planting	713.90	
		For >10 To 25, Deduct	*-35.70*	
		For >25 To 50, Deduct	*-89.24*	
		For >50 To 100, Deduct	*-142.78*	
		For >100, Deduct	*-214.17*	
32 93 83 00-0031	EA	3-1/2" Caliper Balled And Burlapped Tree Planting	793.23	
		For >10 To 25, Deduct	*-39.66*	
		For >25 To 50, Deduct	*-99.15*	
		For >50 To 100, Deduct	*-158.65*	
		For >100, Deduct	*-237.97*	
32 93 83 00-0032	EA	4" Caliper Balled And Burlapped Tree Planting	909.56	
		For >10 To 25, Deduct	*-45.48*	
		For >25 To 50, Deduct	*-113.70*	
		For >50 To 100, Deduct	*-181.91*	
		For >100, Deduct	*-272.87*	

32 93 83 00-0033 Planting Shrubs *(32 93 83)*

Note: Excludes mulch. See CSI section 32 91 13 16-0001 for mulch.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 83 00-0034	EA	1 Gallon Container Shrub Planting	22.49	
		For >10 To 25, Deduct	*-1.12*	
		For >25 To 50, Deduct	*-2.81*	
		For >50 To 100, Deduct	*-4.50*	
		For >100, Deduct	*-6.75*	
32 93 83 00-0035	EA	2 Gallon Container Shrub Planting	31.72	
		For >10 To 25, Deduct	*-1.59*	
		For >25 To 50, Deduct	*-3.97*	
		For >50 To 100, Deduct	*-6.34*	
		For >100, Deduct	*-9.52*	
32 93 83 00-0036	EA	3 Gallon Container Shrub Planting	39.66	
		For >10 To 25, Deduct	*-1.98*	
		For >25 To 50, Deduct	*-4.96*	
		For >50 To 100, Deduct	*-7.93*	
		For >100, Deduct	*-11.90*	
32 93 83 00-0037	EA	4 Gallon Container Shrub Planting	52.88	
		For >10 To 25, Deduct	*-2.64*	
		For >25 To 50, Deduct	*-6.61*	
		For >50 To 100, Deduct	*-10.58*	
		For >100, Deduct	*-15.86*	
32 93 83 00-0038	EA	5 Gallon Container Shrub Planting	66.11	
		For >10 To 25, Deduct	*-3.31*	
		For >25 To 50, Deduct	*-8.26*	
		For >50 To 100, Deduct	*-13.22*	
		For >100, Deduct	*-19.83*	
32 93 83 00-0039	EA	7 Gallon Container Shrub Planting	89.90	
		For >10 To 25, Deduct	*-4.50*	
		For >25 To 50, Deduct	*-11.24*	
		For >50 To 100, Deduct	*-17.98*	
		For >100, Deduct	*-26.97*	
32 93 83 00-0040	EA	10 Gallon Container Shrub Planting	118.98	
		For >10 To 25, Deduct	*-5.95*	
		For >25 To 50, Deduct	*-14.87*	
		For >50 To 100, Deduct	*-23.80*	
		For >100, Deduct	*-35.69*	
32 93 83 00-0041	EA	15 Gallon Container Shrub Planting	163.94	
		For >10 To 25, Deduct	*-8.20*	
		For >25 To 50, Deduct	*-20.49*	
		For >50 To 100, Deduct	*-32.79*	
		For >100, Deduct	*-49.18*	
32 93 83 00-0042	EA	20 Gallon Container Shrub Planting	274.99	
		For >10 To 25, Deduct	*-13.75*	
		For >25 To 50, Deduct	*-34.37*	
		For >50 To 100, Deduct	*-55.00*	
		For >100, Deduct	*-82.50*	
32 93 83 00-0043	EA	25 Gallon Container Shrub Planting	352.19	
		For >10 To 25, Deduct	*-17.61*	
		For >25 To 50, Deduct	*-44.02*	
		For >50 To 100, Deduct	*-70.44*	
		For >100, Deduct	*-105.66*	
32 93 83 00-0044	EA	15" Balled And Burlapped Shrub Planting	74.03	
		For >10 To 25, Deduct	*-3.70*	
		For >25 To 50, Deduct	*-9.25*	
		For >50 To 100, Deduct	*-14.81*	
		For >100, Deduct	*-22.21*	
32 93 83 00-0045	EA	18" Balled And Burlapped Shrub Planting	76.68	
		For >10 To 25, Deduct	*-3.83*	
		For >25 To 50, Deduct	*-9.59*	
		For >50 To 100, Deduct	*-15.34*	
		For >100, Deduct	*-23.00*	
32 93 83 00-0046	EA	24" Balled And Burlapped Shrub Planting	84.61	
		For >10 To 25, Deduct	*-4.23*	
		For >25 To 50, Deduct	*-10.58*	
		For >50 To 100, Deduct	*-16.92*	
		For >100, Deduct	*-25.38*	
32 93 83 00-0047	EA	30" Balled And Burlapped Shrub Planting	84.61	
		For >10 To 25, Deduct	*-4.23*	
		For >25 To 50, Deduct	*-10.58*	
		For >50 To 100, Deduct	*-16.92*	
		For >100, Deduct	*-25.38*	
32 93 83 00-0048	EA	36" Balled And Burlapped Shrub Planting	92.55	
		For >10 To 25, Deduct	*-4.63*	
		For >25 To 50, Deduct	*-11.57*	
		For >50 To 100, Deduct	*-18.51*	
		For >100, Deduct	*-27.77*	
32 93 83 00-0049	EA	42" Balled And Burlapped Shrub Planting	97.83	
		For >10 To 25, Deduct	*-4.89*	
		For >25 To 50, Deduct	*-12.23*	
		For >50 To 100, Deduct	*-19.57*	
		For >100, Deduct	*-29.35*	
32 93 83 00-0050	EA	48" Balled And Burlapped Shrub Planting	105.76	
		For >10 To 25, Deduct	*-5.29*	
		For >25 To 50, Deduct	*-13.22*	
		For >50 To 100, Deduct	*-21.15*	
		For >100, Deduct	*-31.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 83 00-0051	EA	5' Balled And Burlapped Shrub Planting	158.64	
		For >10 To 25, Deduct	*-7.93*	
		For >25 To 50, Deduct	*-19.83*	
		For >50 To 100, Deduct	*-31.73*	
		For >100, Deduct	*-47.59*	
32 93 83 00-0052	EA	6' Balled And Burlapped Shrub Planting	224.75	
		For >10 To 25, Deduct	*-11.24*	
		For >25 To 50, Deduct	*-28.09*	
		For >50 To 100, Deduct	*-44.95*	
		For >100, Deduct	*-67.43*	
32 93 83 00-0053	EA	7' Balled And Burlapped Shrub Planting	298.78	
		For >10 To 25, Deduct	*-14.94*	
		For >25 To 50, Deduct	*-37.35*	
		For >50 To 100, Deduct	*-59.76*	
		For >100, Deduct	*-89.63*	
32 93 83 00-0054	EA	8' Balled And Burlapped Shrub Planting	338.45	
		For >10 To 25, Deduct	*-16.92*	
		For >25 To 50, Deduct	*-42.31*	
		For >50 To 100, Deduct	*-67.69*	
		For >100, Deduct	*-101.54*	
32 93 83 00-0055	EA	9' Balled And Burlapped Shrub Planting	364.89	
		For >10 To 25, Deduct	*-18.24*	
		For >25 To 50, Deduct	*-45.61*	
		For >50 To 100, Deduct	*-72.98*	
		For >100, Deduct	*-109.47*	
32 93 83 00-0056	EA	10' Balled And Burlapped Shrub Planting	396.61	
		For >10 To 25, Deduct	*-19.83*	
		For >25 To 50, Deduct	*-49.58*	
		For >50 To 100, Deduct	*-79.32*	
		For >100, Deduct	*-118.98*	

32 93 83 00-0057 Planting Groundcover, Vines, Perennials, Annuals And Bulbs *(32 93 83)*

See CSI section 32 91 13 16-0001 for mulch.

32 93 83 00-0058	EA	2-1/4" Diameter Potted Groundcover And Flower Planting	2.21	
		For >10 To 25, Deduct	*-0.11*	
		For >25 To 50, Deduct	*-0.28*	
		For >50 To 100, Deduct	*-0.44*	
		For >100, Deduct	*-0.66*	
32 93 83 00-0059	EA	3" Diameter Potted Groundcover And Flower Planting	2.52	
		For >10 To 25, Deduct	*-0.13*	
		For >25 To 50, Deduct	*-0.32*	
		For >50 To 100, Deduct	*-0.50*	
		For >100, Deduct	*-0.76*	
32 93 83 00-0060	EA	4" Diameter Potted Groundcover And Flower Planting	2.94	
		For >10 To 25, Deduct	*-0.15*	
		For >25 To 50, Deduct	*-0.37*	
		For >50 To 100, Deduct	*-0.59*	
		For >100, Deduct	*-0.88*	
32 93 83 00-0061	EA	5-1/2" Diameter Potted Groundcover And Flower Planting	3.53	
		For >10 To 25, Deduct	*-0.18*	
		For >25 To 50, Deduct	*-0.44*	
		For >50 To 100, Deduct	*-0.71*	
		For >100, Deduct	*-1.06*	
32 93 83 00-0062	EA	6" Diameter Potted Groundcover And Flower Planting	4.40	
		For >10 To 25, Deduct	*-0.22*	
		For >25 To 50, Deduct	*-0.55*	
		For >50 To 100, Deduct	*-0.88*	
		For >100, Deduct	*-1.32*	
32 93 83 00-0063	EA	8" Diameter Potted Groundcover And Flower Planting	6.61	
		For >10 To 25, Deduct	*-0.33*	
		For >25 To 50, Deduct	*-0.83*	
		For >50 To 100, Deduct	*-1.32*	
		For >100, Deduct	*-1.98*	
32 93 83 00-0064	EA	1 Quart Container Groundcover And Flower Planting	7.93	
		For >10 To 25, Deduct	*-0.40*	
		For >25 To 50, Deduct	*-0.99*	
		For >50 To 100, Deduct	*-1.59*	
		For >100, Deduct	*-2.38*	
32 93 83 00-0065	EA	1 Gallon Container Groundcover And Flower Planting	21.15	
		For >10 To 25, Deduct	*-1.06*	
		For >25 To 50, Deduct	*-2.64*	
		For >50 To 100, Deduct	*-4.23*	
		For >100, Deduct	*-6.35*	
32 93 83 00-0066	EA	2 Gallon Container Groundcover And Flower Planting	29.09	
		For >10 To 25, Deduct	*-1.45*	
		For >25 To 50, Deduct	*-3.64*	
		For >50 To 100, Deduct	*-5.82*	
		For >100, Deduct	*-8.73*	
32 93 83 00-0067	EA	3 Gallon Container Groundcover And Flower Planting	37.02	
		For >10 To 25, Deduct	*-1.85*	
		For >25 To 50, Deduct	*-4.63*	
		For >50 To 100, Deduct	*-7.40*	
		For >100, Deduct	*-11.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 83 00-0068	EA	4 Gallon Container Groundcover And Flower Planting	47.59	
		For >10 To 25, Deduct	*-2.38*	
		For >25 To 50, Deduct	*-5.95*	
		For >50 To 100, Deduct	*-9.52*	
		For >100, Deduct	*-14.28*	
32 93 83 00-0069	EA	5 Gallon Container Groundcover And Flower Planting	58.17	
		For >10 To 25, Deduct	*-2.91*	
		For >25 To 50, Deduct	*-7.27*	
		For >50 To 100, Deduct	*-11.63*	
		For >100, Deduct	*-17.45*	
32 93 83 00-0070	EA	7 Gallon Container Groundcover And Flower Planting	79.33	
		For >10 To 25, Deduct	*-3.97*	
		For >25 To 50, Deduct	*-9.92*	
		For >50 To 100, Deduct	*-15.87*	
		For >100, Deduct	*-23.80*	
32 93 83 00-0071	EA	Bulb Planting	1.32	
		For >10 To 25, Deduct	*-0.07*	
		For >25 To 50, Deduct	*-0.17*	
		For >50 To 100, Deduct	*-0.26*	
		For >100, Deduct	*-0.40*	
32 93 83 00-0072	EA	Flats Of 24 Groundcover And Flower Planting	37.02	
		For >10 To 25, Deduct	*-1.85*	
		For >25, Deduct	*-4.63*	
32 93 83 00-0073	EA	Flats Of 36 Groundcover And Flower Planting	52.51	
		For >10 To 25, Deduct	*-2.63*	
		For >25, Deduct	*-6.56*	
32 93 83 00-0074	EA	Flats Of 48 Groundcover And Flower Planting	69.90	
		For >10 To 25, Deduct	*-3.50*	
		For >25, Deduct	*-8.74*	

32 93 83 00-0075 Tree Pits *(32 93 83)*

Note: Used to protect roots from adjacent paved areas. Costs given show the tree pit size accommodates the soil ball and the type of soil excavated includes excavation, bank run sand and gravel fill for drainage, imported mix planting soil, hand backfill, perforated drainage pipe for watering, and drainage fabric. Includes one layer of woven fabric to be applied before mulch is spread. See CSI section 32 91 13 16-0000 for appropriate mulch or decorative topping, 32 91 13 16-0001 for appropriate mulch or decorative topping.

32 93 83 00-0076	EA	2' x 1-1/4' Deep Tree Pit	132.90	
32 93 83 00-0077	EA	2' x 2-1/2' Deep Tree Pit	199.29	
32 93 83 00-0078	EA	2-1/2' x 1-1/2' Deep Tree Pit	257.63	
32 93 83 00-0079	EA	2-1/2' x 3' Deep Tree Pit	386.37	
32 93 83 00-0080	EA	3' x 1-3/4' Deep Tree Pit	397.30	
32 93 83 00-0081	EA	3' x 3-1/2' Deep Tree Pit	592.82	
32 93 83 00-0082	EA	3-1/2' x 1-3/4' Deep Tree Pit	486.65	
32 93 83 00-0083	EA	3-1/2' x 3-1/2' Deep Tree Pit	728.93	
32 93 83 00-0084	EA	4' x 2' Deep Tree Pit	581.59	
32 93 83 00-0085	EA	4' x 4' Deep Tree Pit	871.91	
32 93 83 00-0086	EA	4-1/2' x 2' Deep Tree Pit	836.88	
32 93 83 00-0087	EA	4-1/2' x 4' Deep Tree Pit	1,257.85	
32 93 83 00-0088	EA	5' x 2-1/4' Deep Tree Pit	1,113.15	
32 93 83 00-0089	EA	5' x 4-1/2' Deep Tree Pit	1,657.85	
32 93 83 00-0090	EA	6' x 2-1/2' Deep Tree Pit	1,578.69	
32 93 83 00-0091	EA	6' x 5' Deep Tree Pit	2,364.47	
32 93 83 00-0092	EA	7' x 3' Deep Tree Pit	2,659.28	
32 93 83 00-0093	EA	7' x 6' Deep Tree Pit	4,010.60	
32 93 83 00-0094	EA	8' x 3-1/4' Deep Tree Pit	3,655.47	
32 93 83 00-0095	EA	8' x 6-1/2' Deep Tree Pit	5,480.84	

32 93 83 00-0096 Warranty *(32 93 83)*

32 93 83 00-0097	EA	Warranty/Maintenance For Shrubs	6.03	
32 93 83 00-0098	EA	Warranty/Maintenance For Trees Up To 1" Caliper	6.97	
32 93 83 00-0099	EA	Warranty/Maintenance For Trees 1" To 2" Caliper	8.01	
32 93 83 00-0100	EA	Warranty/Maintenance For Trees 2" To 3" Caliper	9.24	
32 93 83 00-0101	EA	Warranty/Maintenance For Trees 3" To 4" Caliper	10.58	
32 93 83 00-0102	EA	Warranty/Maintenance For Trees Over 4" Caliper	12.19	

32 94 Planting Accessories *(32 90)*

32 94 13 Landscape Edging *(32 94)*

Note: Including stakes.

32 94 13 00-0001 Landscape Edging *(32 94 13)*

Note: Includes stakes.

32 94 13 00-0002	LF	6" Poly/Vinyl Landscape Edging With Non-Round Top	6.31	1.35
		For >2,000 To 5,000 LF, Deduct	*-0.36*	
		For >5,000 LF, Deduct	*-0.72*	
32 94 13 00-0003	LF	5" Polyethylene Landscape Edging With Round Top	3.82	1.35
		For >2,000 To 5,000 LF, Deduct	*-0.11*	
		For >5,000 LF, Deduct	*-0.23*	
32 94 13 00-0004	LF	5-1/2" Polyethylene Landscape Edging With Round Top	3.89	1.35
		For >2,000 To 5,000 LF, Deduct	*-0.12*	
		For >5,000 LF, Deduct	*-0.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 94 13 00-0005	LF	5" Polyethylene Landscape Edging With Corrugated Sides And Round Top	3.92	1.35
		For >2,000 To 5,000 LF, Deduct	*-0.12*	
		For >5,000 LF, Deduct	*-0.25*	
32 94 13 00-0006	LF	1/8" x 4", Mill Finish, Aluminum Alloy Landscape Edging	11.00	3.20
		For >1,000 LF, Deduct	*-1.15*	
32 94 13 00-0007	LF	1/8" x 4", Black Paint, Aluminum Alloy Landscape Edging	11.95	3.20
		For >1,000 LF, Deduct	*-1.39*	
32 94 13 00-0008	LF	1/8" x 4", Black Anodized, Aluminum Alloy Landscape Edging	12.02	3.20
		For >1,000 LF, Deduct	*-1.41*	
32 94 13 00-0009	LF	3/16" x 4", Mill Finish, Aluminum Alloy Landscape Edging	13.71	3.31
		For >1,000 LF, Deduct	*-1.79*	
32 94 13 00-0010	LF	3/16" x 4", Black Paint, Aluminum Alloy Landscape Edging	14.88	3.31
		For >1,000 LF, Deduct	*-2.08*	
32 94 13 00-0011	LF	3/16" x 4", Black Anodized, Aluminum Alloy Landscape Edging	14.86	3.31
		For >1,000 LF, Deduct	*-2.07*	
32 94 13 00-0012	LF	1/8" x 5-1/2", Mill Finish, Aluminum Alloy Landscape Edging	12.30	3.41
		For >1,000 LF, Deduct	*-1.39*	
32 94 13 00-0013	LF	1/8" x 5-1/2", Black Paint, Aluminum Alloy Landscape Edging	13.61	3.41
		For >1,000 LF, Deduct	*-1.72*	
32 94 13 00-0014	LF	1/8" x 5-1/2", Black Anodized, Aluminum Alloy Landscape Edging	13.74	3.41
		For >1,000 LF, Deduct	*-1.75*	
32 94 13 00-0015	LF	3/16" x 5-1/2", Mill Finish, Aluminum Alloy Landscape Edging	15.40	3.52
		For >1,000 LF, Deduct	*-2.12*	
32 94 13 00-0016	LF	3/16" x 5-1/2", Black Paint, Aluminum Alloy Landscape Edging	16.70	3.52
		For >1,000 LF, Deduct	*-2.44*	
32 94 13 00-0017	LF	3/16" x 5-1/2", Black Anodized, Aluminum Alloy Landscape Edging	16.82	3.52
		For >1,000 LF, Deduct	*-2.47*	
32 94 13 00-0018	LF	1/8" x 4" Powder Coated Steel Landscape Edging	11.69	3.31
		For >1,000 LF, Deduct	*-1.27*	
32 94 13 00-0019	LF	3/16" x 4" Powder Coated Steel Landscape Edging	13.62	3.31
		For >1,000 LF, Deduct	*-1.75*	
32 94 13 00-0020	LF	1/4" x 5" Powder Coated Steel Landscape Edging	18.78	3.31
		For >1,000 LF, Deduct	*-3.04*	
32 94 13 00-0021	LF	1/2" x 4", Recycled Plastic Landscape Edging (Bend-A-Board)	8.92	3.20
		For >1,000 LF, Deduct	*-0.63*	
32 94 13 00-0022	LF	1" x 4", Recycled Plastic Landscape Edging (Bend-A-Board)	10.07	3.20
		For >1,000 LF, Deduct	*-0.92*	
32 94 13 00-0023	LF	1" x 6", Recycled Plastic Landscape Edging (Bend-A-Board)	11.07	3.20
		For >1,000 LF, Deduct	*-1.17*	
32 94 13 00-0024	LF	2" x 4", Recycled Plastic Landscape Edging (Bend-A-Board)	11.29	3.20
		For >1,000 LF, Deduct	*-1.23*	

32 94 16 Landscape Timbers *(32 94)*

32 94 16 00-0001	LF	1" x 4" Redwood Edging	5.61	1.89
32 94 16 00-0002	LF	2" x 4" Redwood Edging	7.72	2.84
32 94 16 00-0003	LF	4" x 6" Pressure Treated Hardwood	11.39	3.79
32 94 16 00-0004	LF	6" x 6" Pressure Treated Hardwood	14.90	4.73
32 94 16 00-0005	LF	6" x 8" Pressure Treated Hardwood	17.35	5.57
32 94 16 00-0006	LF	1" x 4" Pressure Treated Pine	4.43	1.89
32 94 16 00-0007	LF	2" x 4" Pressure Treated Pine	6.72	2.84
32 94 16 00-0008	LF	4" x 6" Pressure Treated Pine	10.82	3.68
32 94 16 00-0009	LF	6" x 6" Pressure Treated Pine	14.78	4.73
32 94 16 00-0010	LF	6" x 8" Pressure Treated Pine	18.11	5.57
32 94 16 00-0011	LF	6" x 8" Railroad Ties	15.86	5.20
32 94 16 00-0012	LF	7" x 9" Railroad Ties	19.11	6.54

32 94 23 Plant Protection *(32 94)*

32 94 23 00-0001	SF	Tree Trunk Protection - Hardware Cloth 1/4" Mesh, 23 Gauge	2.87	

32 94 43 Tree Grates *(32 94)*

32 94 43 00-0001 Tree Grates With Frames *(32 94 43)*

32 94 43 00-0002 Round Cast Iron Tree Grates With Frames *(32 94 43 00-0001)*

32 94 43 00-0003	EA	32" Diameter, 100 To 150 LB Cast Iron Tree Grate With Frame	1,066.34	68.65
		For >3 To 9, Deduct	*-69.68*	
		For >9, Deduct	*-144.00*	
32 94 43 00-0004	EA	36" Diameter, 125 To 175 LB Cast Iron Tree Grate With Frame	1,235.24	68.65
		For >3 To 9, Deduct	*-82.34*	
		For >9, Deduct	*-170.18*	
32 94 43 00-0005	EA	42" Diameter, 150 To 200 LB Cast Iron Tree Grate With Frame	1,492.14	91.54
		For >3 To 9, Deduct	*-98.18*	
		For >9, Deduct	*-202.91*	
32 94 43 00-0006	EA	48" Diameter, 200 To 250 LB Cast Iron Tree Grate With Frame	1,859.77	91.54
		For >3 To 9, Deduct	*-125.75*	
		For >9, Deduct	*-259.89*	
32 94 43 00-0007	EA	54" Diameter, 300 To 350 LB Cast Iron Tree Grate With Frame	2,384.95	114.43
		For >3 To 9, Deduct	*-161.71*	
		For >9, Deduct	*-334.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 94 43 00-0008	EA	60" Diameter, Up To 350 LB Cast Iron Tree Grate With Frame	2,500.26	137.30
		For >3 To 9, Deduct	*-166.92*	
		For >9, Deduct	*-344.98*	
32 94 43 00-0009	EA	60" Diameter, >350 LB Cast Iron Tree Grate With Frame	2,756.12	137.30
		For >3 To 9, Deduct	*-186.11*	
		For >9, Deduct	*-384.64*	
32 94 43 00-0010	EA	72" Diameter, Up To 550 LB Cast Iron Tree Grate With Frame	3,667.91	194.52
		For >3 To 9, Deduct	*-245.92*	
		For >9, Deduct	*-508.23*	
32 94 43 00-0011	EA	72" Diameter, >500 To 550 LB Cast Iron Tree Grate With Frame	3,816.95	194.52
		For >3 To 9, Deduct	*-257.09*	
		For >9, Deduct	*-531.33*	
32 94 43 00-0012	EA	72" Diameter, >600 To 650 LB Cast Iron Tree Grate With Frame	3,941.15	194.52
		For >3 To 9, Deduct	*-266.41*	
		For >9, Deduct	*-550.58*	
32 94 43 00-0013	EA	72" Diameter, >650 To 700 LB Cast Iron Tree Grate With Frame	4,040.51	194.52
		For >3 To 9, Deduct	*-273.86*	
		For >9, Deduct	*-565.98*	
32 94 43 00-0014	EA	72" Diameter, >700 LB Cast Iron Tree Grate With Frame	4,115.03	194.52
		For >3 To 9, Deduct	*-279.45*	
		For >9, Deduct	*-577.53*	
32 94 43 00-0015	EA	93" Diameter, 950 To 1,000 LB Cast Iron Tree Grate With Frame	4,511.57	228.84
		For >3 To 9, Deduct	*-304.04*	
		For >9, Deduct	*-628.35*	

32 94 43 00-0016 Square Cast Iron Tree Grates With Frames *(32 94 43 00-0001)*

32 94 43 00-0017	EA	30" x 30", 75 To 125 LB Cast Iron Tree Grate With Frame	981.87	68.65
		For >3 To 9, Deduct	*-63.34*	
		For >9, Deduct	*-130.91*	
32 94 43 00-0018	EA	36" x 36", 100 To 150 LB Cast Iron Tree Grate With Frame	1,193.01	68.65
		For >3 To 9, Deduct	*-79.18*	
		For >9, Deduct	*-163.63*	
32 94 43 00-0019	EA	48" x 48", Up To 200 LB Cast Iron Tree Grate With Frame	1,768.92	114.43
		For >3 To 9, Deduct	*-115.51*	
		For >9, Deduct	*-238.71*	
32 94 43 00-0020	EA	48" x 48", >200 To 250 LB Cast Iron Tree Grate With Frame	2,091.84	114.43
		For >3 To 9, Deduct	*-139.73*	
		For >9, Deduct	*-288.77*	
32 94 43 00-0021	EA	48" x 48", >250 To 300 LB Cast Iron Tree Grate With Frame	2,389.92	114.43
		For >3 To 9, Deduct	*-162.08*	
		For >9, Deduct	*-334.97*	
32 94 43 00-0022	EA	48" x 48", >300 To 350 LB Cast Iron Tree Grate With Frame	2,663.16	114.43
		For >3 To 9, Deduct	*-182.57*	
		For >9, Deduct	*-377.32*	
32 94 43 00-0023	EA	48" x 48", >350 To 400 LB Cast Iron Tree Grate With Frame	2,911.56	114.43
		For >3 To 9, Deduct	*-201.20*	
		For >9, Deduct	*-415.82*	
32 94 43 00-0024	EA	48" x 48", >400 LB Cast Iron Tree Grate With Frame	3,135.12	114.43
		For >3 To 9, Deduct	*-217.97*	
		For >9, Deduct	*-450.47*	
32 94 43 00-0025	EA	60" x 60", Up To 400 LB Cast Iron Tree Grate With Frame	3,003.11	160.19
		For >3 To 9, Deduct	*-201.20*	
		For >9, Deduct	*-415.82*	
32 94 43 00-0026	EA	60" x 60", >400 To 450 LB Cast Iron Tree Grate With Frame	3,226.67	160.19
		For >3 To 9, Deduct	*-217.97*	
		For >9, Deduct	*-450.47*	
32 94 43 00-0027	EA	60" x 60", >450 To 500 LB Cast Iron Tree Grate With Frame	3,425.39	160.19
		For >3 To 9, Deduct	*-232.88*	
		For >9, Deduct	*-481.28*	
32 94 43 00-0028	EA	60" x 60", >500 To 550 LB Cast Iron Tree Grate With Frame	3,599.27	160.19
		For >3 To 9, Deduct	*-245.92*	
		For >9, Deduct	*-508.23*	
32 94 43 00-0029	EA	60" x 60", >550 To 600 LB Cast Iron Tree Grate With Frame	3,748.31	160.19
		For >3 To 9, Deduct	*-257.09*	
		For >9, Deduct	*-531.33*	
32 94 43 00-0030	EA	60" x 60", >600 LB Cast Iron Tree Grate With Frame	3,872.51	160.19
		For >3 To 9, Deduct	*-266.41*	
		For >9, Deduct	*-550.58*	
32 94 43 00-0031	EA	72" x 72", Up To 550 LB Cast Iron Tree Grate With Frame	3,667.91	194.52
		For >3 To 9, Deduct	*-245.92*	
		For >9, Deduct	*-508.23*	
32 94 43 00-0032	EA	72" x 72", >550 To 600 LB Cast Iron Tree Grate With Frame	3,816.95	194.52
		For >3 To 9, Deduct	*-257.09*	
		For >9, Deduct	*-531.33*	
32 94 43 00-0033	EA	72" x 72", >600 To 650 LB Cast Iron Tree Grate With Frame	3,941.15	194.52
		For >3 To 9, Deduct	*-266.41*	
		For >9, Deduct	*-550.58*	
32 94 43 00-0034	EA	72" x 72", >650 To 700 LB Cast Iron Tree Grate With Frame	4,040.51	194.52
		For >3 To 9, Deduct	*-273.86*	
		For >9, Deduct	*-565.98*	
32 94 43 00-0035	EA	72" x 72", >700 To 750 LB Cast Iron Tree Grate With Frame	4,115.03	194.52
		For >3 To 9, Deduct	*-279.45*	
		For >9, Deduct	*-577.53*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 94 43 00-0036	EA	72" x 72", >750 To 800 LB Cast Iron Tree Grate With Frame	4,164.71	194.52
		For >3 To 9, Deduct	*-283.18*	
		For >9, Deduct	*-585.23*	
32 94 43 00-0037	EA	72" x 72", >800 To 850 LB Cast Iron Tree Grate With Frame	4,189.55	194.52
		For >3 To 9, Deduct	*-285.04*	
		For >9, Deduct	*-589.08*	
32 94 43 00-0038	EA	72" x 72", >850 LB Cast Iron Tree Grate With Frame	4,214.39	194.52
		For >3 To 9, Deduct	*-286.90*	
		For >9, Deduct	*-592.93*	

32 94 43 00-0039 Rectangular Cast Iron Tree Grates With Frames *(32 94 43 00-0001)*

32 94 43 00-0040	EA	36" x 48", 200 To 250 LB Cast Iron Tree Grate With Frame	1,859.77	91.54
		For >3 To 9, Deduct	*-125.75*	
		For >9, Deduct	*-259.89*	
32 94 43 00-0041	EA	36" x 60", 200 To 250 LB Cast Iron Tree Grate With Frame	1,897.03	91.54
		For >3 To 9, Deduct	*-128.55*	
		For >9, Deduct	*-265.66*	
32 94 43 00-0042	EA	36" x 72", 275 To 325 LB Cast Iron Tree Grate With Frame	2,317.88	114.43
		For >3 To 9, Deduct	*-156.68*	
		For >9, Deduct	*-323.80*	
32 94 43 00-0043	EA	48" x 72", Up To 350 LB Cast Iron Tree Grate With Frame	2,732.71	114.43
		For >3 To 9, Deduct	*-187.79*	
		For >9, Deduct	*-388.10*	
32 94 43 00-0044	EA	48" x 72", >350 LB Cast Iron Tree Grate With Frame	2,911.56	114.43
		For >3 To 9, Deduct	*-201.20*	
		For >9, Deduct	*-415.82*	
32 94 43 00-0045	EA	60" x 84", 700 To 750 LB Cast Iron Tree Grate With Frame	3,891.47	194.52
		For >3 To 9, Deduct	*-262.68*	
		For >9, Deduct	*-542.88*	

32 94 49 Plant and Tree Accessories *(32 94)*

32 94 49 00-0001 Tree Guying *(32 94 49)*

32 94 49 00-0002 Tree Guying, Stakes *(32 94 49 00-0001)*

Note: Includes stakes, cross brace, double #12 gauge twisted wire and reinforced rubber hose tree wrap.

32 94 49 00-0003	EA	Tree Guying Up To 2" Caliper, 2 Stakes, Guy Wire And Wrap	27.54
32 94 49 00-0004	EA	Tree Guying 2" To 3" Caliper, 2 Stakes, Guy Wire And Wrap	50.00
32 94 49 00-0005	EA	Tree Guying 3" To 4" Caliper, 3 Stakes, Guy Wire And Wrap	85.92

32 94 49 00-0006 Tree Guying, Anchors *(32 94 49 00-0001)*

Note: Includes arrowhead anchor, cable, turnbuckles and wrap or reinforced rubber hose.

32 94 49 00-0007	EA	Tree Guying Up To 3" Caliper, 3" Anchors And Polypropylene Flat Rope	114.14
32 94 49 00-0008	EA	Tree Guying 3" To 6" Caliper, 4" Anchors And Polypropylene Flat Rope	153.77
32 94 49 00-0009	EA	Tree Guying 6" To 8" Caliper, 6" Anchors And Polypropylene Flat Rope	196.03
32 94 49 00-0010	EA	Tree Guying 8" And Up Caliper, 8" Anchors And Polypropylene Flat Rope	254.62

32 94 49 00-0011 Tree Wrap *(32 94 49)*

32 94 49 00-0012	EA	Tree Wrap, Up To 1" Caliper Applied Ground Level To First Branches Of Tree	7.95
32 94 49 00-0013	EA	Tree Wrap, 1" To 2" Caliper Applied Ground Level To First Branches Of Tree	13.18
32 94 49 00-0014	EA	Tree Wrap, >2" To 4" Caliper Applied Ground Level To First Branches Of Tree	26.05
32 94 49 00-0015	EA	Tree Wrap, >4" To 6" Caliper Applied Ground Level To First Branches Of Tree	40.13

32 94 49 00-0016 Tree Guards *(32 94 49)*

32 94 49 00-0017	EA	3' Preformed Plastic Tree Guard	15.35
32 94 49 00-0018	EA	2' Preformed Plastic Tree Guard	13.58

32 94 49 00-0019 Stake Out Tree And Shrub Locations *(32 94 49)*

Note: When no design available.

32 94 49 00-0020	EA	Stake Out Trees Or Shrubs	8.29

32 94 49 00-0021 Root Barriers *(32 94 49)*

32 94 49 00-0022	EA	12" High x 24" Long, 0.080" Polypropylene, Root Barrier Panel With Self Locking Joiner	13.33
32 94 49 00-0023	EA	18" High x 24" Long, 0.080" Polypropylene, Root Barrier Panel With Self Locking Joiner	18.74
32 94 49 00-0024	EA	24" High x 24" Long, 0.080" Polypropylene, Root Barrier Panel With Self Locking Joiner	22.10
32 94 49 00-0025	EA	36" High x 24" Long, 0.080" Polypropylene, Root Barrier Panel With Self Locking Joiner	41.09
32 94 49 00-0026	EA	48" High x 24" Long, 0.080" Polypropylene, Root Barrier Panel With Self Locking Joiner	56.64

32 96 Transplanting *(32 90)*

See CSI section 32 94 49 00-0001 for guying.

32 96 33 Shrub Transplanting *(32 96)*

Note: Includes digging up, moving on site, digging new hole and replanting.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 96 33 00-0001		Moving Shrubs On Site, Relocate *(32 96 33)* Note: Includes digging up, moving on site, digging new hole and replanting. See CSI section 32 94 49 00-0001 for guying.		
32 96 33 00-0002	EA	Up To 18" Root Ball, Move Shrubs On Site	90.27	
		For >25 To 50, Deduct	*-9.03*	
		For >50, Deduct	*-13.54*	
32 96 33 00-0003	EA	>18" To 24" Root Ball, Move Shrubs On Site	122.13	
		For >25 To 50, Deduct	*-12.21*	
		For >50, Deduct	*-18.32*	
32 96 33 00-0004	EA	>24" To 30" Root Ball, Move Shrubs On Site	207.08	
		For >25 To 50, Deduct	*-20.71*	
		For >50, Deduct	*-31.06*	
32 96 33 00-0005	EA	>30" To 36" Root Ball, Move Shrubs On Site	318.59	
		For >25 To 50, Deduct	*-31.86*	
		For >50, Deduct	*-47.79*	
32 96 43		**Tree Transplanting** *(32 96)* Note: Includes digging up, moving on site, digging new hole and replanting.		
32 96 43 00-0001		Moving Trees On Site, Relocate *(32 96 43)* Note: Includes digging up, moving on site, digging new hole and replanting. Excludes crane where necessary for trees over 20' tall. See CSI section 32 94 49 00-0001 for guying.		
32 96 43 00-0002	EA	Up To 24" Root Ball, Move Trees On Site	329.52	
		For >5 To 10, Deduct	*-16.48*	
		For >10 To 20, Deduct	*-32.95*	
		For >20, Deduct	*-49.43*	
32 96 43 00-0003	EA	>24" To 30" Root Ball, Move Trees On Site	451.92	
		For >5 To 10, Deduct	*-22.60*	
		For >10 To 20, Deduct	*-45.19*	
		For >20, Deduct	*-67.79*	
32 96 43 00-0004	EA	>30" To 36" Root Ball, Move Trees On Site	732.28	
		For >5 To 10, Deduct	*-36.61*	
		For >10 To 20, Deduct	*-73.23*	
		For >20, Deduct	*-109.84*	
32 96 43 00-0005	EA	>36" To 48" Root Ball, Move Trees On Site	1,216.72	
		For >5 To 10, Deduct	*-60.84*	
		For >10 To 20, Deduct	*-121.67*	
		For >20, Deduct	*-182.51*	
32 96 43 00-0006	EA	>48" To 60" Root Ball, Move Trees On Site	1,977.17	
		For >5 To 10, Deduct	*-98.86*	
		For >10 To 20, Deduct	*-197.72*	
		For >20, Deduct	*-296.58*	
32 96 43 00-0007	EA	>60" To 72" Root Ball, Move Trees On Site	2,551.19	
		For >5 To 10, Deduct	*-127.56*	
		For >10 To 20, Deduct	*-255.12*	
		For >20, Deduct	*-382.68*	
32 96 43 00-0008	EA	>72" To 84" Root Ball, Move Trees On Site	3,295.28	
		For >5 To 10, Deduct	*-164.76*	
		For >10 To 20, Deduct	*-329.53*	
		For >20, Deduct	*-494.29*	
32 96 43 00-0009	EA	>84" To 96" Root Ball, Move Trees On Site	3,954.34	
		For >5 To 10, Deduct	*-197.72*	
		For >10 To 20, Deduct	*-395.43*	
		For >20, Deduct	*-593.15*	
32 96 43 00-0010	EA	>96" To 120" Root Ball, Move Trees On Site	4,493.58	
		For >5 To 10, Deduct	*-224.68*	
		For >10 To 20, Deduct	*-449.36*	
		For >20, Deduct	*-674.04*	

END OF SECTION 32

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

33 Utilities

Note: Buried plastic pipe and conduit includes detectable tracer wire

33 01 Operation and Maintenance of Utilities *(33)*

33 01 30 Operation and Maintenance of Sewer Utilities *(33 01)*

33 01 30 11 Television Inspection Of Pipelines *(33 01 30)*

Note: Rotating head color camera. Includes all log records and color video tape, DVD or CD.

33 01 30 11-0001 Remote Visual Inspection (RVI) Of Pipe Interior And Culverts *(33 01 30 11)*

33 01 30 11-0002 Video Camera Set-up *(33 01 30 11-0001)*

Note: A "push camera" is a straight view camera at the end of a rigid push rod for 1" to 12" diameter pipes for distances up to 300 feet. Crawlers are generally remotely operated vehicles (ROVs) for longer distances (over 300') and for larger diameters (4" and larger).

33 01 30 11-0003	EA	Initial Set Up For "Push Camera" Video Camera Inspection, 1" To 12" Diameter Pipe Or Culvert	947.16
33 01 30 11-0004	EA	Initial Set Up For "Crawler" Video Camera Inspection, 4" To 30" Diameter Pipe Or Culvert	1,894.32
33 01 30 11-0005	EA	Initial Set Up For "Crawler" Video Camera Inspection, >30" Diameter Pipe Or Culvert	2,841.48
33 01 30 11-0006	EA	Re-Set Up/Move For "Push Camera" Video Camera Inspection, 1" To 12" Diameter Pipe Or Culvert	473.58
33 01 30 11-0007	EA	Re-Set Up/Move For "Crawler" Video Camera Inspection, 4" And Larger Diameter Pipe Or Culvert	947.16

33 01 30 11-0008 Video Camera Planning And Analysis Inspection *(33 01 30 11-0001)*

Note: For pipe interior and culverts.

33 01 30 11-0009	LF	4" To 6" Diameter Pipe Inspection, Planning/Analysis Phase	2.41
		Note: CCTV inspection of pipe interior.	
		For >500 To 1,000, Deduct	*-0.24*
		For >1,000 To 5,000, Deduct	*-0.60*
		For >5,000, Deduct	*-0.84*
33 01 30 11-0010	LF	>6" To 12" Diameter Pipe Inspection, Planning/Analysis Phase	3.20
		Note: CCTV inspection of pipe interior.	
		For >500 To 1,000, Deduct	*-0.32*
		For >1,000 To 5,000, Deduct	*-0.80*
		For >5,000, Deduct	*-1.12*
33 01 30 11-0011	LF	>12" To 21" Diameter Pipe Inspection, Planning/Analysis Phase	4.01
		Note: CCTV inspection of pipe interior.	
		For >500 To 1,000, Deduct	*-0.40*
		For >1,000 To 5,000, Deduct	*-1.00*
		For >5,000, Deduct	*-1.40*
33 01 30 11-0012	LF	>21" To 30" Diameter Pipe Inspection, Planning/Analysis Phase	5.33
		Note: CCTV inspection of pipe interior.	
		For >500 To 1,000, Deduct	*-0.53*
		For >1,000 To 5,000, Deduct	*-1.33*
		For >5,000, Deduct	*-1.87*
33 01 30 11-0013	LF	>30" To 42" Diameter Pipe Inspection, Planning/Analysis Phase	7.50
		Note: CCTV inspection of pipe interior.	
		For >500 To 1,000, Deduct	*-0.75*
		For >1,000 To 5,000, Deduct	*-1.88*
		For >5,000, Deduct	*-2.63*
33 01 30 11-0014	LF	>42" To 60" Diameter Pipe Inspection, Planning/Analysis Phase	10.01
		Note: CCTV inspection of pipe interior.	
		For >500 To 1,000, Deduct	*-1.00*
		For >1,000 To 5,000, Deduct	*-2.50*
		For >5,000, Deduct	*-3.50*
33 01 30 11-0015	LF	>60" To 72" Diameter Pipe Inspection, Planning/Analysis Phase	14.13
		Note: CCTV inspection of pipe interior.	
		For >500 To 1,000, Deduct	*-1.41*
		For >1,000 To 5,000, Deduct	*-3.53*
		For >5,000, Deduct	*-4.95*
33 01 30 11-0016	LF	>72" To 84" Diameter Pipe Inspection, Planning/Analysis Phase	20.01
		Note: CCTV inspection of pipe interior.	
		For >500 To 1,000, Deduct	*-2.00*
		For >1,000 To 5,000, Deduct	*-5.00*
		For >5,000, Deduct	*-7.00*

33 01 30 11-0017 Video Camera Pre-Rehab For Pipe Interior And Culverts *(33 01 30 11-0001)*

33 01 30 11-0018	LF	4" To 6" Diameter Pipe Inspection, Pre-Rehabilitation Phase	3.55
		Note: CCTV inspection of pipe interior.	
		For >500 To 1,000, Deduct	*-0.36*
		For >1,000 To 5,000, Deduct	*-0.89*
		For >5,000, Deduct	*-1.24*
33 01 30 11-0019	LF	>6" To 12" Diameter Pipe Inspection, Pre-Rehabilitation Phase	4.74
		Note: CCTV inspection of pipe interior.	
		For >500 To 1,000, Deduct	*-0.47*
		For >1,000 To 5,000, Deduct	*-1.19*
		For >5,000, Deduct	*-1.66*
33 01 30 11-0020	LF	>12" To 21" Diameter Pipe Inspection, Pre-Rehabilitation Phase	5.92
		Note: CCTV inspection of pipe interior.	
		For >500 To 1,000, Deduct	*-0.59*
		For >1,000 To 5,000, Deduct	*-1.48*
		For >5,000, Deduct	*-2.07*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 11-0021	LF	>21" To 30" Diameter Pipe Inspection, Pre-Rehabilitation Phase	7.89	
		Note: CCTV inspection of pipe interior.		
		For >500 To 1,000, Deduct	*-0.79*	
		For >1,000 To 5,000, Deduct	*-1.97*	
		For >5,000, Deduct	*-2.76*	
33 01 30 11-0022	LF	>30" To 42" Diameter Pipe Inspection, Pre-Rehabilitation Phase	11.10	
		Note: CCTV inspection of pipe interior.		
		For >500 To 1,000, Deduct	*-1.11*	
		For >1,000 To 5,000, Deduct	*-2.78*	
		For >5,000, Deduct	*-3.89*	
33 01 30 11-0023	LF	>42" To 60" Diameter Pipe Inspection, Pre-Rehabilitation Phase	14.80	
		Note: CCTV inspection of pipe interior.		
		For >500 To 1,000, Deduct	*-1.48*	
		For >1,000 To 5,000, Deduct	*-3.70*	
		For >5,000, Deduct	*-5.18*	
33 01 30 11-0024	LF	>60" To 72" Diameter Pipe Inspection, Pre-Rehabilitation Phase	20.89	
		Note: CCTV inspection of pipe interior.		
		For >500 To 1,000, Deduct	*-2.09*	
		For >1,000 To 5,000, Deduct	*-5.22*	
		For >5,000, Deduct	*-7.31*	
33 01 30 11-0025	LF	>72" To 84" Diameter Pipe Inspection, Pre-Rehabilitation Phase	29.60	
		Note: CCTV inspection of pipe interior.		
		For >500 To 1,000, Deduct	*-2.96*	
		For >1,000 To 5,000, Deduct	*-7.40*	
		For >5,000, Deduct	*-10.36*	

33 01 30 11-0026 Video Camera Post-Rehab For Pipe Interior And Culverts *(33 01 30 11-0001)*

33 01 30 11-0027	LF	4" To 6" Diameter Pipe Inspection, Post-Rehabilitation Phase	2.53	
		Note: CCTV inspection of pipe interior.		
		For >500 To 1,000, Deduct	*-0.25*	
		For >1,000 To 5,000, Deduct	*-0.63*	
		For >5,000, Deduct	*-0.89*	
33 01 30 11-0028	LF	>6" To 12" Diameter Pipe Inspection, Post-Rehabilitation Phase	3.38	
		Note: CCTV inspection of pipe interior.		
		For >500 To 1,000, Deduct	*-0.34*	
		For >1,000 To 5,000, Deduct	*-0.85*	
		For >5,000, Deduct	*-1.18*	
33 01 30 11-0029	LF	>12" To 21" Diameter Pipe Inspection, Post-Rehabilitation Phase	4.23	
		Note: CCTV inspection of pipe interior.		
		For >500 To 1,000, Deduct	*-0.42*	
		For >1,000 To 5,000, Deduct	*-1.06*	
		For >5,000, Deduct	*-1.48*	
33 01 30 11-0030	LF	>21" To 30" Diameter Pipe Inspection, Post-Rehabilitation Phase	5.63	
		Note: CCTV inspection of pipe interior.		
		For >500 To 1,000, Deduct	*-0.56*	
		For >1,000 To 5,000, Deduct	*-1.41*	
		For >5,000, Deduct	*-1.97*	
33 01 30 11-0031	LF	>30" To 42" Diameter Pipe Inspection, Post-Rehabilitation Phase	7.93	
		Note: CCTV inspection of pipe interior.		
		For >500 To 1,000, Deduct	*-0.79*	
		For >1,000 To 5,000, Deduct	*-1.98*	
		For >5,000, Deduct	*-2.78*	
33 01 30 11-0032	LF	>42" To 60" Diameter Pipe Inspection, Post-Rehabilitation Phase	10.57	
		Note: CCTV inspection of pipe interior.		
		For >500 To 1,000, Deduct	*-1.06*	
		For >1,000 To 5,000, Deduct	*-2.64*	
		For >5,000, Deduct	*-3.70*	
33 01 30 11-0033	LF	>60" To 72" Diameter Pipe Inspection, Post-Rehabilitation Phase	14.92	
		Note: CCTV inspection of pipe interior.		
		For >500 To 1,000, Deduct	*-1.49*	
		For >1,000 To 5,000, Deduct	*-3.73*	
		For >5,000, Deduct	*-5.22*	
33 01 30 11-0034	LF	>72" To 84" Diameter Pipe Inspection, Post-Rehabilitation Phase	21.15	
		Note: CCTV inspection of pipe interior.		
		For >500 To 1,000, Deduct	*-2.12*	
		For >1,000 To 5,000, Deduct	*-5.29*	
		For >5,000, Deduct	*-7.40*	

33 01 30 41 Cleaning of Sewers *(33 01 30)*

33 01 30 41-0001 Pipe Line Cleaning And Flushing *(33 01 30 41)*

Note: Includes flushing. Owner provided water.

33 01 30 41-0002 Pipe Line Cleaning *(33 01 30 41-0001)*

Note: Includes removal of all debris/waste. Excludes disposal.

33 01 30 41-0003 Hydro Jet Set-up And Reinsertion *(33 01 30 41-0002)*

Note: Includes mobilization delivery, set-up, clean-up after use and return.

33 01 30 41-0004	EA	Initial Set Up And Final Equipment Removal For Up To 8" Jet Cleaning	1,498.78	
33 01 30 41-0005	EA	Initial Set Up And Final Equipment Removal For >8" To 12" Jet Cleaning	2,248.17	
33 01 30 41-0006	EA	Initial Set Up And Final Equipment Removal For >12" To 30" Jet Cleaning	2,997.57	
33 01 30 41-0007	EA	Initial Set Up And Final Equipment Removal For >30" Jet Cleaning	3,996.76	
33 01 30 41-0008	EA	Move And Reset Up At Different Access/Location For Up To 8" Jet Cleaning	374.70	
33 01 30 41-0009	EA	Move And Reset Up At Different Access/Location For >8" To 12" Jet Cleaning	562.04	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 41-0010	EA	Move And Reset Up At Different Access/Location For >12" To 30" Jet Cleaning	749.39	
33 01 30 41-0011	EA	Move And Reset Up At Different Access/Location For >30" Jet Cleaning	936.74	

33 01 30 41-0012 Hydro Jet Cleaning Of Sewer And Water Pipelines *(33 01 30 41-0002)*

33 01 30 41-0013	LF	Up To 4" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes	4.02	
		For >250 To 500, Deduct	*-0.20*	
		For >500 To 1,000, Deduct	*-0.40*	
		For >1,000 To 2,000, Deduct	*-0.60*	
		For >2,000 To 5,000, Deduct	*-0.80*	
		For >5,000, Deduct	*-1.01*	
		For Heavy Cleaning, >4 Passes (Includes Attached Mechanical Device), Add	*3.02*	
33 01 30 41-0014	LF	6" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes	4.62	
		For >250 To 500, Deduct	*-0.23*	
		For >500 To 1,000, Deduct	*-0.46*	
		For >1,000 To 2,000, Deduct	*-0.69*	
		For >2,000 To 5,000, Deduct	*-0.92*	
		For >5,000, Deduct	*-1.16*	
		For Heavy Cleaning, >4 Passes (Includes Attached Mechanical Device), Add	*3.47*	
33 01 30 41-0015	LF	8" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes	5.43	
		For >250 To 500, Deduct	*-0.27*	
		For >500 To 1,000, Deduct	*-0.54*	
		For >1,000 To 2,000, Deduct	*-0.81*	
		For >2,000 To 5,000, Deduct	*-1.09*	
		For >5,000, Deduct	*-1.36*	
		For Heavy Cleaning, >4 Passes (Includes Attached Mechanical Device), Add	*4.07*	
33 01 30 41-0016	LF	10" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes	6.71	
		For >250 To 500, Deduct	*-0.34*	
		For >500 To 1,000, Deduct	*-0.67*	
		For >1,000 To 2,000, Deduct	*-1.01*	
		For >2,000 To 5,000, Deduct	*-1.34*	
		For >5,000, Deduct	*-1.68*	
		For Heavy Cleaning, >4 Passes (Includes Attached Mechanical Device), Add	*5.03*	
33 01 30 41-0017	LF	12" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes	7.62	
		For >250 To 500, Deduct	*-0.38*	
		For >500 To 1,000, Deduct	*-0.76*	
		For >1,000 To 2,000, Deduct	*-1.14*	
		For >2,000 To 5,000, Deduct	*-1.52*	
		For >5,000, Deduct	*-1.91*	
		For Heavy Cleaning, >4 Passes (Includes Attached Mechanical Device), Add	*5.72*	
33 01 30 41-0018	LF	>12" To 16" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes	8.79	
		For >250 To 500, Deduct	*-0.44*	
		For >500 To 1,000, Deduct	*-0.88*	
		For >1,000 To 2,000, Deduct	*-1.32*	
		For >2,000 To 5,000, Deduct	*-1.76*	
		For >5,000, Deduct	*-2.20*	
		For Heavy Cleaning, >4 Passes (Includes Attached Mechanical Device), Add	*6.59*	
33 01 30 41-0019	LF	>16" To 24" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes	10.58	
		For >250 To 500, Deduct	*-0.53*	
		For >500 To 1,000, Deduct	*-1.06*	
		For >1,000 To 2,000, Deduct	*-1.59*	
		For >2,000 To 5,000, Deduct	*-2.12*	
		For >5,000, Deduct	*-2.65*	
		For Heavy Cleaning, >4 Passes (Includes Attached Mechanical Device), Add	*7.94*	
33 01 30 41-0020	LF	>24" To 30" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes	12.01	
		For >250 To 500, Deduct	*-0.60*	
		For >500 To 1,000, Deduct	*-1.20*	
		For >1,000 To 2,000, Deduct	*-1.80*	
		For >2,000 To 5,000, Deduct	*-2.40*	
		For >5,000, Deduct	*-3.00*	
		For Heavy Cleaning, >4 Passes (Includes Attached Mechanical Device), Add	*9.01*	
33 01 30 41-0021	LF	>30" To 42" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes	14.20	
		For >250 To 500, Deduct	*-0.71*	
		For >500 To 1,000, Deduct	*-1.42*	
		For >1,000 To 2,000, Deduct	*-2.13*	
		For >2,000 To 5,000, Deduct	*-2.84*	
		For >5,000, Deduct	*-3.55*	
		For Heavy Cleaning, >4 Passes (Includes Attached Mechanical Device), Add	*10.65*	
33 01 30 41-0022	LF	>42" To 60" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes	17.84	
		For >250 To 500, Deduct	*-0.89*	
		For >500 To 1,000, Deduct	*-1.78*	
		For >1,000 To 2,000, Deduct	*-2.68*	
		For >2,000 To 5,000, Deduct	*-3.57*	
		For >5,000, Deduct	*-4.46*	
		For Heavy Cleaning, >4 Passes (Includes Attached Mechanical Device), Add	*13.38*	
33 01 30 41-0023	LF	>60" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes	20.81	
		For >250 To 500, Deduct	*-1.04*	
		For >500 To 1,000, Deduct	*-2.08*	
		For >1,000 To 2,000, Deduct	*-3.12*	
		For >2,000 To 5,000, Deduct	*-4.16*	
		For >5,000, Deduct	*-5.20*	
		For Heavy Cleaning, >4 Passes (Includes Attached Mechanical Device), Add	*15.61*	

33 01 30 41-0024 Flushing Of Storm Water Pipelines *(33 01 30 41-0002)*

Note: To remove silt and small debris from storm drainage pipes. Excludes disposal.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 41-0025	LF	12" To 16" Diameter Pipe Line Flushing	1.71	
		For >250 To 500, Deduct	*-0.09*	
		For >500 To 1,000, Deduct	*-0.17*	
		For >1,000 To 2,000, Deduct	*-0.26*	
		For >2,000 To 5,000, Deduct	*-0.34*	
		For >5,000, Deduct	*-0.43*	
33 01 30 41-0026	LF	>16" To 24" Diameter Pipe Line Flushing	1.96	
		For >250 To 500, Deduct	*-0.10*	
		For >500 To 1,000, Deduct	*-0.20*	
		For >1,000 To 2,000, Deduct	*-0.29*	
		For >2,000 To 5,000, Deduct	*-0.39*	
		For >5,000, Deduct	*-0.49*	
33 01 30 41-0027	LF	>24" To 30" Diameter Pipe Line Flushing	2.30	
		For >250 To 500, Deduct	*-0.12*	
		For >500 To 1,000, Deduct	*-0.23*	
		For >1,000 To 2,000, Deduct	*-0.35*	
		For >2,000 To 5,000, Deduct	*-0.46*	
		For >5,000, Deduct	*-0.58*	
33 01 30 41-0028	LF	>30" To 42" Diameter Pipe Line Flushing	2.65	
		For >250 To 500, Deduct	*-0.13*	
		For >500 To 1,000, Deduct	*-0.27*	
		For >1,000 To 2,000, Deduct	*-0.40*	
		For >2,000 To 5,000, Deduct	*-0.53*	
		For >5,000, Deduct	*-0.66*	
33 01 30 41-0029	LF	>42" To 60" Diameter Pipe Line Flushing	3.53	
		For >250 To 500, Deduct	*-0.18*	
		For >500 To 1,000, Deduct	*-0.35*	
		For >1,000 To 2,000, Deduct	*-0.53*	
		For >2,000 To 5,000, Deduct	*-0.71*	
		For >5,000, Deduct	*-0.88*	

33 01 30 41-0030 Hydro Jet Cleaning Of Culverts *(33 01 30 41-0002)*

33 01 30 41-0031	LF	Jet Cleaning Of Culvert, 0-250 LF	18.64	
		For >250 To 500, Deduct	*-0.93*	
		For >500 To 1,000, Deduct	*-1.86*	
		For >1,000 To 2,000, Deduct	*-2.80*	
		For >2,000 To 5,000, Deduct	*-3.73*	
		For >5,000, Deduct	*-4.66*	

33 01 30 41-0032 Pipe Line Auguring/Rod Out Pipe *(33 01 30 41-0001)*

33 01 30 41-0033	EA	Initial Set Up And Final Equipment Removal For Auguring	1,407.78	
33 01 30 41-0034	EA	Move And Reset Up At Different Location	469.26	
33 01 30 41-0035	LF	Up To 4" Diameter Pipe Line Auguring/Rod Out	4.69	
		For >250 To 500, Deduct	*-0.23*	
		For >500 To 1,000, Deduct	*-0.47*	
		For >1,000 To 2,000, Deduct	*-0.70*	
		For >2,000 To 5,000, Deduct	*-0.94*	
		For >5,000, Deduct	*-1.17*	
33 01 30 41-0036	LF	6" Diameter Pipe Line Auguring/Rod Out	6.07	
		For >250 To 500, Deduct	*-0.30*	
		For >500 To 1,000, Deduct	*-0.61*	
		For >1,000 To 2,000, Deduct	*-0.91*	
		For >2,000 To 5,000, Deduct	*-1.21*	
		For >5,000, Deduct	*-1.52*	
33 01 30 41-0037	LF	8" Diameter Pipe Line Auguring/Rod Out	7.04	
		For >250 To 500, Deduct	*-0.35*	
		For >500 To 1,000, Deduct	*-0.70*	
		For >1,000 To 2,000, Deduct	*-1.06*	
		For >2,000 To 5,000, Deduct	*-1.41*	
		For >5,000, Deduct	*-1.76*	
33 01 30 41-0038	LF	10" Diameter Pipe Line Auguring/Rod Out	8.19	
		For >250 To 500, Deduct	*-0.41*	
		For >500 To 1,000, Deduct	*-0.82*	
		For >1,000 To 2,000, Deduct	*-1.23*	
		For >2,000 To 5,000, Deduct	*-1.64*	
		For >5,000, Deduct	*-2.05*	
33 01 30 41-0039	LF	12" Diameter Pipe Line Auguring/Rod Out	8.79	
		For >250 To 500, Deduct	*-0.44*	
		For >500 To 1,000, Deduct	*-0.88*	
		For >1,000 To 2,000, Deduct	*-1.32*	
		For >2,000 To 5,000, Deduct	*-1.76*	
		For >5,000, Deduct	*-2.20*	
33 01 30 41-0040	LF	>12" To 16" Diameter Pipe Line Auguring/Rod Out	10.06	
		For >250 To 500, Deduct	*-0.50*	
		For >500 To 1,000, Deduct	*-1.01*	
		For >1,000 To 2,000, Deduct	*-1.51*	
		For >2,000 To 5,000, Deduct	*-2.01*	
		For >5,000, Deduct	*-2.52*	
33 01 30 41-0041	LF	>16" To 24" Diameter Pipe Line Auguring/Rod Out	12.35	
		For >250 To 500, Deduct	*-0.62*	
		For >500 To 1,000, Deduct	*-1.24*	
		For >1,000 To 2,000, Deduct	*-1.85*	
		For >2,000 To 5,000, Deduct	*-2.47*	
		For >5,000, Deduct	*-3.09*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 41-0042	LF	>24" To 30" Diameter Pipe Line Auguring/Rod Out	13.81	
		For >250 To 500, Deduct	*-0.69*	
		For >500 To 1,000, Deduct	*-1.38*	
		For >1,000 To 2,000, Deduct	*-2.07*	
		For >2,000 To 5,000, Deduct	*-2.76*	
		For >5,000, Deduct	*-3.45*	
33 01 30 41-0043	LF	>30" To 42" Diameter Pipe Line Auguring/Rod Out	16.00	
		For >250 To 500, Deduct	*-0.80*	
		For >500 To 1,000, Deduct	*-1.60*	
		For >1,000 To 2,000, Deduct	*-2.40*	
		For >2,000 To 5,000, Deduct	*-3.20*	
		For >5,000, Deduct	*-4.00*	
33 01 30 41-0044	LF	>42 To 60" Diameter Pipe Line Auguring/Rod Out	21.99	
		For >250 To 500, Deduct	*-1.10*	
		For >500 To 1,000, Deduct	*-2.20*	
		For >1,000 To 2,000, Deduct	*-3.30*	
		For >2,000 To 5,000, Deduct	*-4.40*	
		For >5,000, Deduct	*-5.50*	
33 01 30 41-0045	LF	>60" Diameter Pipe Line Auguring/Rod Out	23.46	
		For >250 To 500, Deduct	*-1.17*	
		For >500 To 1,000, Deduct	*-2.35*	
		For >1,000 To 2,000, Deduct	*-3.52*	
		For >2,000 To 5,000, Deduct	*-4.69*	
		For >5,000, Deduct	*-5.87*	

33 01 30 42 Cleaning of Manholes *(33 01 30)*

33 01 30 42-0001 Structure Cleaning And Flushing *(33 01 30 42)*

Note: Includes flushing. Owner provided water.

33 01 30 42-0002 Rod Out Structures And Other Hand Operations *(33 01 30 42-0001)*

33 01 30 42-0003	EA	Rod Out Waste Water Drain	54.16	
33 01 30 42-0004	EA	Rod Out Sewer Catch Basin	108.32	
33 01 30 42-0005	EA	Up To 6" Diameter Pipe, Rod Out Blockage	21.66	
33 01 30 42-0006	EA	8" Diameter Pipe, Rod Out Blockage	23.83	
33 01 30 42-0007	EA	10" Diameter Pipe, Rod Out Blockage	27.08	
33 01 30 42-0008	EA	12" Diameter Pipe, Rod Out Blockage	31.41	
33 01 30 42-0009	EA	>12" To 16" Diameter Pipe, Rod Out Blockage	36.83	
33 01 30 42-0010	EA	>16" To 24" Diameter Pipe, Rod Out Blockage	43.33	
33 01 30 42-0011	EA	>24" To 30" Diameter Pipe, Rod Out Blockage	50.92	
33 01 30 42-0012	EA	>30" To 42" Diameter Pipe, Rod Out Blockage	58.49	
33 01 30 42-0013	EA	>42" To 60" Diameter Pipe, Rod Out Blockage	68.24	
33 01 30 42-0014	EA	>60" Diameter Pipe, Rod Out Blockage	81.25	
33 01 30 42-0015	EA	Clean Out Debris From Entrance To Inlet Structure	270.80	
33 01 30 42-0016	EA	3' To 4' Diameter, Clean Out Blocked Manhole By Hand	1,057.64	
		For >10 To 100, Deduct	*-158.65*	
		For >100 To 250, Deduct	*-237.97*	
		For >250, Deduct	*-317.29*	
33 01 30 42-0017	EA	5' To 6' Diameter, Clean Out Blocked Manhole By Hand	1,269.16	
		For >10 To 100, Deduct	*-190.37*	
		For >100 To 250, Deduct	*-285.56*	
		For >250, Deduct	*-380.75*	
33 01 30 42-0018	EA	Clean Out Blocked Catch Basin By Hand	634.58	
		For >10 To 100, Deduct	*-95.19*	
		For >100 To 250, Deduct	*-142.78*	
		For >250, Deduct	*-190.37*	

33 01 30 42-0019 Cleaning Manholes And Drainage Structures With Jet/Vacuum *(33 01 30 42-0001)*

Note: Includes the removal of debris with high pressure water jetting and vacuum equipment and cleaning of grate. Excludes hardened concrete debris and disposal of material.

33 01 30 42-0020	EA	Jet/Vacuum Clean 1 To 2 Catch Basins Or Manholes	290.79	
33 01 30 42-0021	EA	Jet/Vacuum Clean 3 To 10 Catch Basins Or Manholes	270.51	
33 01 30 42-0022	EA	Jet/Vacuum Clean 11 To 25 Catch Basins Or Manholes	250.24	
33 01 30 42-0023	EA	Jet/Vacuum Clean 26 To 100 Catch Basins Or Manholes	229.96	
33 01 30 42-0024	EA	Jet/Vacuum Clean 101 To 250 Catch Basins Or Manholes	209.68	
33 01 30 42-0025	EA	Jet/Vacuum Clean >250 Catch Basins Or Manholes	189.41	

33 01 30 71 Relining Sewers *(33 01 30)*

33 01 30 71-0001 Relining Underground Pipelines *(33 01 30 71)*

Note: Excludes CCTV inspection, sewer cleaning, pavement both temporary and permanent, emergency after hours response for homeowners backups. See CSI section 01 22 20 00-0000 for hourly rates for after hours response for homeowners backups, 32 01 17 63-0000 for temporary pavement, 32 12 16 00-0000 for permanent pavement, 33 01 30 11-0000 for CCTV Inspection, 33 01 30 41-0002 for sewer cleaning.

33 01 30 72 Cured-in-Place Pipe Lining *(33 01 30)*

33 01 30 72-0001 Cured-In-Place Pipe (CIPP) Relining Underground Pipelines *(33 01 30 72)*

Note: Excludes CCTV inspection and sewer cleaning. See CSI section 33 01 30 11-0000 for CCTV inspection, 33 01 30 41-0002 for sewer cleaning.

33 01 30 72-0002 Cured In-Place Pipe (CIPP) Lining Set-Up And Reinsertion *(33 01 30 72-0001)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0003	EA	Initial Set Up And Final Equipment Removal For Relining Up To 12" Underground Pipelines Cured In-Place Pipe (CIPP)	1,664.00	
33 01 30 72-0004	EA	Initial Set Up And Final Equipment Removal For Relining >12" To 24" Underground Pipelines Cured In-Place Pipe (CIPP)	2,773.33	
33 01 30 72-0005	EA	Initial Set Up And Final Equipment Removal For Relining >24" To 48" Underground Pipelines Cured In-Place Pipe (CIPP)	4,160.00	
33 01 30 72-0006	EA	Initial Set Up And Final Equipment Removal For Relining > 48" Underground Pipelines Cured In-Place Pipe (CIPP)	5,546.66	
33 01 30 72-0007	EA	Move And Reset Up At Different Access/Location For Relining Up To 12" Underground Pipelines Cured In-Place Pipe (CIPP)	832.00	
33 01 30 72-0008	EA	Move And Reset Up At Different Access/Location For Relining >12" To 24" Underground Pipelines Cured In-Place Pipe (CIPP)	1,386.66	
33 01 30 72-0009	EA	Move And Reset Up At Different Access/Location For Relining >24" To 48" Underground Pipelines Cured In-Place Pipe (CIPP)	1,733.33	
33 01 30 72-0010	EA	Move And Reset Up At Different Access/Location For Relining > 48" Underground Pipelines Cured In-Place Pipe (CIPP)	2,218.66	
33 01 30 72-0011	EA	Mixing Truck And Refrigeration For Relining Up To 12" Underground Pipelines Cured In-Place Pipe (CIPP) Note: Need to mix wet material in bag prior to installation.	1,386.66	
33 01 30 72-0012	EA	Mixing Truck And Refrigeration For Relining >12" To 24" Underground Pipelines Cured In-Place Pipe (CIPP) Note: Need to mix wet material in bag prior to installation.	3,327.99	
33 01 30 72-0013	EA	Mixing Truck And Refrigeration For Relining >24" To 48" Underground Pipelines Cured In-Place Pipe (CIPP) Note: Need to mix wet material in bag prior to installation.	5,546.66	
33 01 30 72-0014	EA	Mixing Truck And Refrigeration For Relining >48" Underground Pipelines Cured In-Place Pipe (CIPP) Note: Need to mix wet material in bag prior to installation.	8,319.99	

33 01 30 72-0015 Lining Pipe With Polyester Resin Impregnated Cured In-Place Pipe (CIPP)

(33 01 30 72-0001)

Note: Cured in-place thermosetting resin pipe and resin impregnated tube. Excludes video camera inspection, culvert cleaning and grouting. Use round equivalent pipe sizes for elliptical, oval or arched pipe.

33 01 30 72-0016 4.5mm Thick Lining Cured In-Place Pipe *(33 01 30 72-0015)*

33 01 30 72-0017	LF	4.5mm Lining 2" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	24.07
		For Vinlyester Resin, Add	*6.66*
		For Epoxy Resin, Add	*0.78*
		For Up To >10, Add	*48.44*
		For >10 To 25, Add	*38.78*
		For >25 To 50, Add	*23.74*
		For >50 To 100, Add	*11.87*
		For >500 To 1,000, Deduct	*-1.57*
		For >1,000 To 2,000, Deduct	*-2.53*
		For >2,000 To 5,000, Deduct	*-4.78*
		For >5,000, Deduct	*-7.73*
33 01 30 72-0018	LF	4.5mm Lining 3" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	29.28
		For Vinlyester Resin, Add	*10.30*
		For Epoxy Resin, Add	*1.21*
		For Up To >10, Add	*51.04*
		For >10 To 25, Add	*40.08*
		For >25 To 50, Add	*24.78*
		For >50 To 100, Add	*12.39*
		For >500 To 1,000, Deduct	*-1.83*
		For >1,000 To 2,000, Deduct	*-2.92*
		For >2,000 To 5,000, Deduct	*-5.41*
		For >5,000, Deduct	*-8.77*
33 01 30 72-0019	LF	4.5mm Lining 4" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	34.50
		For Vinlyester Resin, Add	*13.96*
		For Epoxy Resin, Add	*1.65*
		For Up To >10, Add	*53.65*
		For >10 To 25, Add	*41.39*
		For >25 To 50, Add	*25.83*
		For >50 To 100, Add	*12.91*
		For >500 To 1,000, Deduct	*-2.09*
		For >1,000 To 2,000, Deduct	*-3.32*
		For >2,000 To 5,000, Deduct	*-6.03*
		For >5,000, Deduct	*-9.81*
33 01 30 72-0020	LF	4.5mm Lining 6" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	46.32
		For Vinlyester Resin, Add	*21.26*
		For Epoxy Resin, Add	*2.51*
		For Up To >10, Add	*63.04*
		For >10 To 25, Add	*47.47*
		For >25 To 50, Add	*30.00*
		For >50 To 100, Add	*15.00*
		For >500 To 1,000, Deduct	*-2.71*
		For >1,000 To 2,000, Deduct	*-4.27*
		For >2,000 To 5,000, Deduct	*-7.63*
		For >5,000, Deduct	*-12.45*
33 01 30 72-0021	LF	4.5mm Lining 8" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	58.14
		For Vinlyester Resin, Add	*28.57*
		For Epoxy Resin, Add	*3.37*
		For Up To >10, Add	*72.40*
		For >10 To 25, Add	*53.53*
		For >25 To 50, Add	*34.16*
		For >50 To 100, Add	*17.08*
		For >500 To 1,000, Deduct	*-3.34*
		For >1,000 To 2,000, Deduct	*-5.23*
		For >2,000 To 5,000, Deduct	*-9.23*
		For >5,000, Deduct	*-15.09*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0022		**6mm Thick Lining Cured In-Place Pipe** *(33 01 30 72-0015)*		
33 01 30 72-0023	LF	6mm Lining 4" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	40.74	
		For Vinlyester Resin, Add	*18.33*	
		For Epoxy Resin, Add	*2.16*	
		For Up To >10, Add	*56.77*	
		For >10 To 25, Add	*42.95*	
		For >25 To 50, Add	*27.08*	
		For >50 To 100, Add	*13.54*	
		For >500 To 1,000, Deduct	*-2.40*	
		For >1,000 To 2,000, Deduct	*-3.78*	
		For >2,000 To 5,000, Deduct	*-6.78*	
		For >5,000, Deduct	*-11.06*	
33 01 30 72-0024	LF	6mm Lining 6" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	56.04	
		For Vinlyester Resin, Add	*28.06*	
		For Epoxy Resin, Add	*3.31*	
		For Up To >10, Add	*67.90*	
		For >10 To 25, Add	*49.90*	
		For >25 To 50, Add	*31.94*	
		For >50 To 100, Add	*15.97*	
		For >500 To 1,000, Deduct	*-3.20*	
		For >1,000 To 2,000, Deduct	*-5.00*	
		For >2,000 To 5,000, Deduct	*-8.80*	
		For >5,000, Deduct	*-14.40*	
33 01 30 72-0025	LF	6mm Lining 8" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	71.33	
		For Vinlyester Resin, Add	*37.80*	
		For Epoxy Resin, Add	*4.46*	
		For Up To >10, Add	*78.99*	
		For >10 To 25, Add	*56.83*	
		For >25 To 50, Add	*36.80*	
		For >50 To 100, Add	*18.40*	
		For >500 To 1,000, Deduct	*-4.00*	
		For >1,000 To 2,000, Deduct	*-6.22*	
		For >2,000 To 5,000, Deduct	*-10.81*	
		For >5,000, Deduct	*-17.73*	
33 01 30 72-0026	LF	6mm Lining 10" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	86.77	
		For Vinlyester Resin, Add	*47.54*	
		For Epoxy Resin, Add	*5.60*	
		For Up To >10, Add	*90.54*	
		For >10 To 25, Add	*64.13*	
		For >25 To 50, Add	*41.87*	
		For >50 To 100, Add	*20.94*	
		For >500 To 1,000, Deduct	*-4.81*	
		For >1,000 To 2,000, Deduct	*-7.45*	
		For >2,000 To 5,000, Deduct	*-12.86*	
		For >5,000, Deduct	*-21.13*	
33 01 30 72-0027	LF	6mm Lining 12" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	102.62	
		For Vinlyester Resin, Add	*57.27*	
		For Epoxy Resin, Add	*6.75*	
		For Up To >10, Add	*103.31*	
		For >10 To 25, Add	*72.46*	
		For >25 To 50, Add	*47.56*	
		For >50 To 100, Add	*23.78*	
		For >500 To 1,000, Deduct	*-5.65*	
		For >1,000 To 2,000, Deduct	*-8.74*	
		For >2,000 To 5,000, Deduct	*-15.02*	
		For >5,000, Deduct	*-24.68*	
33 01 30 72-0028		**7.5mm Thick Lining Cured In-Place Pipe** *(33 01 30 72-0015)*		
33 01 30 72-0029	LF	7.5mm Lining 4" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	46.77	
		For Vinlyester Resin, Add	*22.55*	
		For Epoxy Resin, Add	*2.66*	
		For Up To >10, Add	*59.79*	
		For >10 To 25, Add	*44.45*	
		For >25 To 50, Add	*28.28*	
		For >50 To 100, Add	*14.14*	
		For >500 To 1,000, Deduct	*-2.70*	
		For >1,000 To 2,000, Deduct	*-4.24*	
		For >2,000 To 5,000, Deduct	*-7.51*	
		For >5,000, Deduct	*-12.27*	
33 01 30 72-0030	LF	7.5mm Lining 6" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	65.54	
		For Vinlyester Resin, Add	*34.71*	
		For Epoxy Resin, Add	*4.09*	
		For Up To >10, Add	*72.65*	
		For >10 To 25, Add	*52.27*	
		For >25 To 50, Add	*33.84*	
		For >50 To 100, Add	*16.92*	
		For >500 To 1,000, Deduct	*-3.68*	
		For >1,000 To 2,000, Deduct	*-5.71*	
		For >2,000 To 5,000, Deduct	*-9.94*	
		For >5,000, Deduct	*-16.30*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0031	LF	7.5mm Lining 8" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	84.31	
		For Vinlyester Resin, Add	*46.89*	
		For Epoxy Resin, Add	*5.53*	
		For Up To >10, Add	*85.48*	
		For >10 To 25, Add	*60.07*	
		For >25 To 50, Add	*39.39*	
		For >50 To 100, Add	*19.70*	
		For >500 To 1,000, Deduct	*-4.65*	
		For >1,000 To 2,000, Deduct	*-7.19*	
		For >2,000 To 5,000, Deduct	*-12.37*	
		For >5,000, Deduct	*-20.33*	
33 01 30 72-0032	LF	7.5mm Lining 10" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	103.23	
		For Vinlyester Resin, Add	*59.06*	
		For Epoxy Resin, Add	*6.96*	
		For Up To >10, Add	*98.77*	
		For >10 To 25, Add	*68.24*	
		For >25 To 50, Add	*45.16*	
		For >50 To 100, Add	*22.58*	
		For >500 To 1,000, Deduct	*-5.63*	
		For >1,000 To 2,000, Deduct	*-8.69*	
		For >2,000 To 5,000, Deduct	*-14.84*	
		For >5,000, Deduct	*-24.42*	
33 01 30 72-0033	LF	7.5mm Lining 12" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	122.55	
		For Vinlyester Resin, Add	*71.23*	
		For Epoxy Resin, Add	*8.39*	
		For Up To >10, Add	*113.28*	
		For >10 To 25, Add	*77.44*	
		For >25 To 50, Add	*51.55*	
		For >50 To 100, Add	*25.78*	
		For >500 To 1,000, Deduct	*-6.65*	
		For >1,000 To 2,000, Deduct	*-10.23*	
		For >2,000 To 5,000, Deduct	*-17.41*	
		For >5,000, Deduct	*-28.67*	
33 01 30 72-0034	LF	7.5mm Lining 15" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	151.41	
		For Vinlyester Resin, Add	*89.49*	
		For Epoxy Resin, Add	*10.55*	
		For Up To >10, Add	*134.63*	
		For >10 To 25, Add	*90.89*	
		For >25 To 50, Add	*60.92*	
		For >50 To 100, Add	*30.46*	
		For >500 To 1,000, Deduct	*-8.16*	
		For >1,000 To 2,000, Deduct	*-12.53*	
		For >2,000 To 5,000, Deduct	*-21.23*	
		For >5,000, Deduct	*-35.00*	
33 01 30 72-0035	LF	7.5mm Lining 18" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	180.53	
		For Vinlyester Resin, Add	*107.74*	
		For Epoxy Resin, Add	*12.70*	
		For Up To >10, Add	*156.82*	
		For >10 To 25, Add	*105.03*	
		For >25 To 50, Add	*70.71*	
		For >50 To 100, Add	*35.36*	
		For >500 To 1,000, Deduct	*-9.69*	
		For >1,000 To 2,000, Deduct	*-14.87*	
		For >2,000 To 5,000, Deduct	*-25.12*	
		For >5,000, Deduct	*-41.43*	

33 01 30 72-0036 9mm Thick Lining Cured In-Place Pipe *(33 01 30 72-0015)*

33 01 30 72-0037	LF	9mm Lining 6" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	74.84	
		For Vinlyester Resin, Add	*41.22*	
		For Epoxy Resin, Add	*4.86*	
		For Up To >10, Add	*77.30*	
		For >10 To 25, Add	*54.60*	
		For >25 To 50, Add	*35.70*	
		For >50 To 100, Add	*17.85*	
		For >500 To 1,000, Deduct	*-4.14*	
		For >1,000 To 2,000, Deduct	*-6.41*	
		For >2,000 To 5,000, Deduct	*-11.05*	
		For >5,000, Deduct	*-18.16*	
33 01 30 72-0038	LF	9mm Lining 8" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	97.09	
		For Vinlyester Resin, Add	*55.83*	
		For Epoxy Resin, Add	*6.58*	
		For Up To >10, Add	*91.87*	
		For >10 To 25, Add	*63.27*	
		For >25 To 50, Add	*41.95*	
		For >50 To 100, Add	*20.97*	
		For >500 To 1,000, Deduct	*-5.29*	
		For >1,000 To 2,000, Deduct	*-8.15*	
		For >2,000 To 5,000, Deduct	*-13.90*	
		For >5,000, Deduct	*-22.88*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0039	LF	9mm Lining 10" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	119.49	
		For Vinlyester Resin, Add	*70.44*	
		For Epoxy Resin, Add	*8.30*	
		For Up To >10, Add	*106.90*	
		For >10 To 25, Add	*72.31*	
		For >25 To 50, Add	*48.42*	
		For >50 To 100, Add	*24.21*	
		For >500 To 1,000, Deduct	*-6.45*	
		For >1,000 To 2,000, Deduct	*-9.90*	
		For >2,000 To 5,000, Deduct	*-16.79*	
		For >5,000, Deduct	*-27.67*	
33 01 30 72-0040	LF	9mm Lining 12" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	142.29	
		For Vinlyester Resin, Add	*85.04*	
		For Epoxy Resin, Add	*10.02*	
		For Up To >10, Add	*123.15*	
		For >10 To 25, Add	*82.37*	
		For >25 To 50, Add	*55.50*	
		For >50 To 100, Add	*27.75*	
		For >500 To 1,000, Deduct	*-7.63*	
		For >1,000 To 2,000, Deduct	*-11.71*	
		For >2,000 To 5,000, Deduct	*-19.78*	
		For >5,000, Deduct	*-32.62*	
33 01 30 72-0041	LF	9mm Lining 15" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	176.36	
		For Vinlyester Resin, Add	*106.95*	
		For Epoxy Resin, Add	*12.61*	
		For Up To >10, Add	*147.11*	
		For >10 To 25, Add	*97.12*	
		For >25 To 50, Add	*65.91*	
		For >50 To 100, Add	*32.96*	
		For >500 To 1,000, Deduct	*-9.41*	
		For >1,000 To 2,000, Deduct	*-14.41*	
		For >2,000 To 5,000, Deduct	*-24.23*	
		For >5,000, Deduct	*-39.99*	
33 01 30 72-0042	LF	9mm Lining 18" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	210.70	
		For Vinlyester Resin, Add	*128.86*	
		For Epoxy Resin, Add	*15.19*	
		For Up To >10, Add	*171.90*	
		For >10 To 25, Add	*112.57*	
		For >25 To 50, Add	*76.75*	
		For >50 To 100, Add	*38.37*	
		For >500 To 1,000, Deduct	*-11.20*	
		For >1,000 To 2,000, Deduct	*-17.13*	
		For >2,000 To 5,000, Deduct	*-28.74*	
		For >5,000, Deduct	*-47.46*	
33 01 30 72-0043	LF	9mm Lining 21" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	244.22	
		For Vinlyester Resin, Add	*150.77*	
		For Epoxy Resin, Add	*17.77*	
		For Up To >10, Add	*194.21*	
		For >10 To 25, Add	*125.95*	
		For >25 To 50, Add	*86.34*	
		For >50 To 100, Add	*43.17*	
		For >500 To 1,000, Deduct	*-12.93*	
		For >1,000 To 2,000, Deduct	*-19.76*	
		For >2,000 To 5,000, Deduct	*-33.06*	
		For >5,000, Deduct	*-54.61*	
33 01 30 72-0044	LF	9mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	278.16	
		For Vinlyester Resin, Add	*172.68*	
		For Epoxy Resin, Add	*20.35*	
		For Up To >10, Add	*217.78*	
		For >10 To 25, Add	*140.37*	
		For >25 To 50, Add	*96.56*	
		For >50 To 100, Add	*48.28*	
		For >500 To 1,000, Deduct	*-14.70*	
		For >1,000 To 2,000, Deduct	*-22.44*	
		For >2,000 To 5,000, Deduct	*-37.47*	
		For >5,000, Deduct	*-61.93*	
33 01 30 72-0045		10.5mm Thick Lining Cured In-Place Pipe *(33 01 30 72-0015)*		
33 01 30 72-0046	LF	10.5mm Lining 15" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	201.10	
		For Vinlyester Resin, Add	*124.27*	
		For Epoxy Resin, Add	*14.65*	
		For Up To >10, Add	*159.48*	
		For >10 To 25, Add	*103.31*	
		For >25 To 50, Add	*70.86*	
		For >50 To 100, Add	*35.43*	
		For >500 To 1,000, Deduct	*-10.64*	
		For >1,000 To 2,000, Deduct	*-16.26*	
		For >2,000 To 5,000, Deduct	*-27.20*	
		For >5,000, Deduct	*-44.93*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0047	LF	10.5mm Lining 18" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	240.66	
		For Vinlyester Resin, Add	*149.83*	
		For Epoxy Resin, Add	*17.66*	
		For Up To >10, Add	*186.88*	
		For >10 To 25, Add	*120.06*	
		For >25 To 50, Add	*82.74*	
		For >50 To 100, Add	*41.37*	
		For >500 To 1,000, Deduct	*-12.70*	
		For >1,000 To 2,000, Deduct	*-19.38*	
		For >2,000 To 5,000, Deduct	*-32.34*	
		For >5,000, Deduct	*-53.46*	
33 01 30 72-0048	LF	10.5mm Lining 21" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	279.40	
		For Vinlyester Resin, Add	*175.39*	
		For Epoxy Resin, Add	*20.67*	
		For Up To >10, Add	*211.80*	
		For >10 To 25, Add	*134.74*	
		For >25 To 50, Add	*93.37*	
		For >50 To 100, Add	*46.69*	
		For >500 To 1,000, Deduct	*-14.69*	
		For >1,000 To 2,000, Deduct	*-22.40*	
		For >2,000 To 5,000, Deduct	*-37.28*	
		For >5,000, Deduct	*-61.65*	
33 01 30 72-0049	LF	10.5mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	318.55	
		For Vinlyester Resin, Add	*200.95*	
		For Epoxy Resin, Add	*23.68*	
		For Up To >10, Add	*237.98*	
		For >10 To 25, Add	*150.47*	
		For >25 To 50, Add	*104.63*	
		For >50 To 100, Add	*52.32*	
		For >500 To 1,000, Deduct	*-16.71*	
		For >1,000 To 2,000, Deduct	*-25.47*	
		For >2,000 To 5,000, Deduct	*-42.32*	
		For >5,000, Deduct	*-70.01*	
33 01 30 72-0050	LF	10.5mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	358.25	
		For Vinlyester Resin, Add	*226.51*	
		For Epoxy Resin, Add	*26.70*	
		For Up To >10, Add	*265.80*	
		For >10 To 25, Add	*167.57*	
		For >25 To 50, Add	*116.72*	
		For >50 To 100, Add	*58.36*	
		For >500 To 1,000, Deduct	*-18.78*	
		For >1,000 To 2,000, Deduct	*-28.60*	
		For >2,000 To 5,000, Deduct	*-47.50*	
		For >5,000, Deduct	*-78.58*	
33 01 30 72-0051	LF	10.5mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	398.65	
		For Vinlyester Resin, Add	*252.07*	
		For Epoxy Resin, Add	*29.71*	
		For Up To >10, Add	*295.70*	
		For >10 To 25, Add	*186.40*	
		For >25 To 50, Add	*129.85*	
		For >50 To 100, Add	*64.92*	
		For >500 To 1,000, Deduct	*-20.90*	
		For >1,000 To 2,000, Deduct	*-31.83*	
		For >2,000 To 5,000, Deduct	*-52.85*	
		For >5,000, Deduct	*-87.44*	
33 01 30 72-0052	LF	10.5mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	476.53	
		For Vinlyester Resin, Add	*303.18*	
		For Epoxy Resin, Add	*35.73*	
		For Up To >10, Add	*346.79*	
		For >10 To 25, Add	*216.81*	
		For >25 To 50, Add	*151.74*	
		For >50 To 100, Add	*75.87*	
		For >500 To 1,000, Deduct	*-24.91*	
		For >1,000 To 2,000, Deduct	*-37.91*	
		For >2,000 To 5,000, Deduct	*-62.83*	
		For >5,000, Deduct	*-103.99*	

33 01 30 72-0053 12mm Thick Lining Cured In-Place Pipe *(33 01 30 72-0015)*

33 01 30 72-0054	LF	12mm Lining 15" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	225.64	
		For Vinlyester Resin, Add	*141.45*	
		For Epoxy Resin, Add	*16.67*	
		For Up To >10, Add	*171.75*	
		For >10 To 25, Add	*109.44*	
		For >25 To 50, Add	*75.77*	
		For >50 To 100, Add	*37.88*	
		For >500 To 1,000, Deduct	*-11.87*	
		For >1,000 To 2,000, Deduct	*-18.10*	
		For >2,000 To 5,000, Deduct	*-30.14*	
		For >5,000, Deduct	*-49.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0055	LF	12mm Lining 18" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	270.42	
		For Vinlyester Resin, Add	*170.66*	
		For Epoxy Resin, Add	*20.11*	
		For Up To >10, Add	*201.76*	
		For >10 To 25, Add	*127.50*	
		For >25 To 50, Add	*88.69*	
		For >50 To 100, Add	*44.35*	
		For >500 To 1,000, Deduct	*-14.19*	
		For >1,000 To 2,000, Deduct	*-21.61*	
		For >2,000 To 5,000, Deduct	*-35.91*	
		For >5,000, Deduct	*-59.41*	
33 01 30 72-0056	LF	12mm Lining 21" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	314.37	
		For Vinlyester Resin, Add	*199.87*	
		For Epoxy Resin, Add	*23.56*	
		For Up To >10, Add	*229.29*	
		For >10 To 25, Add	*143.48*	
		For >25 To 50, Add	*100.37*	
		For >50 To 100, Add	*50.18*	
		For >500 To 1,000, Deduct	*-16.44*	
		For >1,000 To 2,000, Deduct	*-25.02*	
		For >2,000 To 5,000, Deduct	*-41.47*	
		For >5,000, Deduct	*-68.64*	
33 01 30 72-0057	LF	12mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	358.74	
		For Vinlyester Resin, Add	*229.08*	
		For Epoxy Resin, Add	*27.00*	
		For Up To >10, Add	*258.07*	
		For >10 To 25, Add	*160.52*	
		For >25 To 50, Add	*112.67*	
		For >50 To 100, Add	*56.34*	
		For >500 To 1,000, Deduct	*-18.72*	
		For >1,000 To 2,000, Deduct	*-28.48*	
		For >2,000 To 5,000, Deduct	*-47.14*	
		For >5,000, Deduct	*-78.04*	
33 01 30 72-0058	LF	12mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	403.66	
		For Vinlyester Resin, Add	*258.29*	
		For Epoxy Resin, Add	*30.44*	
		For Up To >10, Add	*288.51*	
		For >10 To 25, Add	*178.92*	
		For >25 To 50, Add	*125.80*	
		For >50 To 100, Add	*62.90*	
		For >500 To 1,000, Deduct	*-21.05*	
		For >1,000 To 2,000, Deduct	*-32.01*	
		For >2,000 To 5,000, Deduct	*-52.95*	
		For >5,000, Deduct	*-87.67*	
33 01 30 72-0059	LF	12mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	449.27	
		For Vinlyester Resin, Add	*287.50*	
		For Epoxy Resin, Add	*33.88*	
		For Up To >10, Add	*321.01*	
		For >10 To 25, Add	*199.06*	
		For >25 To 50, Add	*139.97*	
		For >50 To 100, Add	*69.98*	
		For >500 To 1,000, Deduct	*-23.43*	
		For >1,000 To 2,000, Deduct	*-35.62*	
		For >2,000 To 5,000, Deduct	*-58.92*	
		For >5,000, Deduct	*-97.56*	
33 01 30 72-0060	LF	12mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	537.59	
		For Vinlyester Resin, Add	*345.93*	
		For Epoxy Resin, Add	*40.77*	
		For Up To >10, Add	*377.32*	
		For >10 To 25, Add	*232.07*	
		For >25 To 50, Add	*163.95*	
		For >50 To 100, Add	*81.98*	
		For >500 To 1,000, Deduct	*-27.96*	
		For >1,000 To 2,000, Deduct	*-42.49*	
		For >2,000 To 5,000, Deduct	*-70.15*	
		For >5,000, Deduct	*-116.20*	
33 01 30 72-0061	LF	12mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	627.14	
		For Vinlyester Resin, Add	*404.34*	
		For Epoxy Resin, Add	*47.65*	
		For Up To >10, Add	*437.35*	
		For >10 To 25, Add	*268.18*	
		For >25 To 50, Add	*189.79*	
		For >50 To 100, Add	*94.90*	
		For >500 To 1,000, Deduct	*-32.59*	
		For >1,000 To 2,000, Deduct	*-49.51*	
		For >2,000 To 5,000, Deduct	*-81.69*	
		For >5,000, Deduct	*-135.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0062	LF	12mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	718.91	
		For Vinlyester Resin, Add	*462.76*	
		For Epoxy Resin, Add	*54.54*	
		For Up To >10, Add	*504.01*	
		For >10 To 25, Add	*309.82*	
		For >25 To 50, Add	*218.95*	
		For >50 To 100, Add	*109.47*	
		For >500 To 1,000, Deduct	*-37.39*	
		For >1,000 To 2,000, Deduct	*-56.81*	
		For >2,000 To 5,000, Deduct	*-93.79*	
		For >5,000, Deduct	*-155.35*	

33 01 30 72-0063 13.5mm Thick Lining Cured In-Place Pipe *(33 01 30 72-0015)*

33 01 30 72-0064	LF	13.5mm Lining 15" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	249.97	
		For Vinlyester Resin, Add	*158.48*	
		For Epoxy Resin, Add	*18.68*	
		For Up To >10, Add	*183.91*	
		For >10 To 25, Add	*115.53*	
		For >25 To 50, Add	*80.64*	
		For >50 To 100, Add	*40.32*	
		For >500 To 1,000, Deduct	*-13.09*	
		For >1,000 To 2,000, Deduct	*-19.93*	
		For >2,000 To 5,000, Deduct	*-33.06*	
		For >5,000, Deduct	*-54.71*	
33 01 30 72-0065	LF	13.5mm Lining 18" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	299.98	
		For Vinlyester Resin, Add	*191.35*	
		For Epoxy Resin, Add	*22.55*	
		For Up To >10, Add	*216.54*	
		For >10 To 25, Add	*134.89*	
		For >25 To 50, Add	*94.60*	
		For >50 To 100, Add	*47.30*	
		For >500 To 1,000, Deduct	*-15.66*	
		For >1,000 To 2,000, Deduct	*-23.83*	
		For >2,000 To 5,000, Deduct	*-39.46*	
		For >5,000, Deduct	*-65.32*	
33 01 30 72-0066	LF	13.5mm Lining 21" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	349.14	
		For Vinlyester Resin, Add	*224.21*	
		For Epoxy Resin, Add	*26.42*	
		For Up To >10, Add	*246.67*	
		For >10 To 25, Add	*152.18*	
		For >25 To 50, Add	*107.32*	
		For >50 To 100, Add	*53.66*	
		For >500 To 1,000, Deduct	*-18.18*	
		For >1,000 To 2,000, Deduct	*-27.63*	
		For >2,000 To 5,000, Deduct	*-45.65*	
		For >5,000, Deduct	*-75.60*	
33 01 30 72-0067	LF	13.5mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	398.73	
		For Vinlyester Resin, Add	*257.08*	
		For Epoxy Resin, Add	*30.30*	
		For Up To >10, Add	*278.07*	
		For >10 To 25, Add	*170.51*	
		For >25 To 50, Add	*120.67*	
		For >50 To 100, Add	*60.34*	
		For >500 To 1,000, Deduct	*-20.72*	
		For >1,000 To 2,000, Deduct	*-31.48*	
		For >2,000 To 5,000, Deduct	*-51.94*	
		For >5,000, Deduct	*-86.04*	
33 01 30 72-0068	LF	13.5mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	448.86	
		For Vinlyester Resin, Add	*289.93*	
		For Epoxy Resin, Add	*34.17*	
		For Up To >10, Add	*311.11*	
		For >10 To 25, Add	*190.22*	
		For >25 To 50, Add	*134.84*	
		For >50 To 100, Add	*67.42*	
		For >500 To 1,000, Deduct	*-23.31*	
		For >1,000 To 2,000, Deduct	*-35.40*	
		For >2,000 To 5,000, Deduct	*-58.37*	
		For >5,000, Deduct	*-96.71*	
33 01 30 72-0069	LF	13.5mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	499.68	
		For Vinlyester Resin, Add	*322.79*	
		For Epoxy Resin, Add	*38.04*	
		For Up To >10, Add	*346.22*	
		For >10 To 25, Add	*211.66*	
		For >25 To 50, Add	*150.05*	
		For >50 To 100, Add	*75.03*	
		For >500 To 1,000, Deduct	*-25.95*	
		For >1,000 To 2,000, Deduct	*-39.40*	
		For >2,000 To 5,000, Deduct	*-64.97*	
		For >5,000, Deduct	*-107.65*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0070	LF	13.5mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	598.43	
		For Vinlyester Resin, Add	*388.51*	
		For Epoxy Resin, Add	*45.79*	
		For Up To >10, Add	*407.74*	
		For >10 To 25, Add	*247.28*	
		For >25 To 50, Add	*176.12*	
		For >50 To 100, Add	*88.06*	
		For >500 To 1,000, Deduct	*-31.01*	
		For >1,000 To 2,000, Deduct	*-47.05*	
		For >2,000 To 5,000, Deduct	*-77.45*	
		For >5,000, Deduct	*-128.37*	
33 01 30 72-0071	LF	13.5mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	698.42	
		For Vinlyester Resin, Add	*454.24*	
		For Epoxy Resin, Add	*53.54*	
		For Up To >10, Add	*472.99*	
		For >10 To 25, Add	*286.00*	
		For >25 To 50, Add	*204.05*	
		For >50 To 100, Add	*102.02*	
		For >500 To 1,000, Deduct	*-36.16*	
		For >1,000 To 2,000, Deduct	*-54.86*	
		For >2,000 To 5,000, Deduct	*-90.25*	
		For >5,000, Deduct	*-149.59*	
33 01 30 72-0072	LF	13.5mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	800.62	
		For Vinlyester Resin, Add	*519.96*	
		For Epoxy Resin, Add	*61.28*	
		For Up To >10, Add	*544.86*	
		For >10 To 25, Add	*330.25*	
		For >25 To 50, Add	*235.29*	
		For >50 To 100, Add	*117.65*	
		For >500 To 1,000, Deduct	*-41.48*	
		For >1,000 To 2,000, Deduct	*-62.94*	
		For >2,000 To 5,000, Deduct	*-103.59*	
		For >5,000, Deduct	*-171.69*	

33 01 30 72-0073 15mm Thick Lining Cured In-Place Pipe *(33 01 30 72-0015)*

33 01 30 72-0074	LF	15mm Lining 15" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	274.11	
		For Vinlyester Resin, Add	*175.38*	
		For Epoxy Resin, Add	*20.67*	
		For Up To >10, Add	*195.98*	
		For >10 To 25, Add	*121.56*	
		For >25 To 50, Add	*85.46*	
		For >50 To 100, Add	*42.73*	
		For >500 To 1,000, Deduct	*-14.29*	
		For >1,000 To 2,000, Deduct	*-21.74*	
		For >2,000 To 5,000, Deduct	*-35.96*	
		For >5,000, Deduct	*-59.54*	
33 01 30 72-0075	LF	15mm Lining 18" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	329.32	
		For Vinlyester Resin, Add	*211.89*	
		For Epoxy Resin, Add	*24.97*	
		For Up To >10, Add	*231.21*	
		For >10 To 25, Add	*142.23*	
		For >25 To 50, Add	*100.47*	
		For >50 To 100, Add	*50.24*	
		For >500 To 1,000, Deduct	*-17.13*	
		For >1,000 To 2,000, Deduct	*-26.03*	
		For >2,000 To 5,000, Deduct	*-42.98*	
		For >5,000, Deduct	*-71.19*	
33 01 30 72-0076	LF	15mm Lining 21" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	383.70	
		For Vinlyester Resin, Add	*248.40*	
		For Epoxy Resin, Add	*29.28*	
		For Up To >10, Add	*263.95*	
		For >10 To 25, Add	*160.82*	
		For >25 To 50, Add	*114.23*	
		For >50 To 100, Add	*57.12*	
		For >500 To 1,000, Deduct	*-19.91*	
		For >1,000 To 2,000, Deduct	*-30.22*	
		For >2,000 To 5,000, Deduct	*-49.79*	
		For >5,000, Deduct	*-82.51*	
33 01 30 72-0077	LF	15mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	438.50	
		For Vinlyester Resin, Add	*284.91*	
		For Epoxy Resin, Add	*33.58*	
		For Up To >10, Add	*297.95*	
		For >10 To 25, Add	*180.46*	
		For >25 To 50, Add	*128.62*	
		For >50 To 100, Add	*64.31*	
		For >500 To 1,000, Deduct	*-22.71*	
		For >1,000 To 2,000, Deduct	*-34.46*	
		For >2,000 To 5,000, Deduct	*-56.71*	
		For >5,000, Deduct	*-94.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0078	LF	15mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	493.85	
		For Vinlyester Resin, Add	*321.43*	
		For Epoxy Resin, Add	*37.88*	
		For Up To >10, Add	*333.60*	
		For >10 To 25, Add	*201.47*	
		For >25 To 50, Add	*143.84*	
		For >50 To 100, Add	*71.92*	
		For >500 To 1,000, Deduct	*-25.56*	
		For >1,000 To 2,000, Deduct	*-38.77*	
		For >2,000 To 5,000, Deduct	*-63.77*	
		For >5,000, Deduct	*-105.70*	
33 01 30 72-0079	LF	15mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	549.89	
		For Vinlyester Resin, Add	*357.94*	
		For Epoxy Resin, Add	*42.19*	
		For Up To >10, Add	*371.32*	
		For >10 To 25, Add	*224.21*	
		For >25 To 50, Add	*160.09*	
		For >50 To 100, Add	*80.05*	
		For >500 To 1,000, Deduct	*-28.46*	
		For >1,000 To 2,000, Deduct	*-43.17*	
		For >2,000 To 5,000, Deduct	*-71.00*	
		For >5,000, Deduct	*-117.69*	
33 01 30 72-0080	LF	15mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	659.08	
		For Vinlyester Resin, Add	*430.97*	
		For Epoxy Resin, Add	*50.79*	
		For Up To >10, Add	*438.07*	
		For >10 To 25, Add	*262.44*	
		For >25 To 50, Add	*188.25*	
		For >50 To 100, Add	*94.12*	
		For >500 To 1,000, Deduct	*-34.04*	
		For >1,000 To 2,000, Deduct	*-51.60*	
		For >2,000 To 5,000, Deduct	*-84.73*	
		For >5,000, Deduct	*-140.50*	
33 01 30 72-0081	LF	15mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	769.50	
		For Vinlyester Resin, Add	*503.99*	
		For Epoxy Resin, Add	*59.40*	
		For Up To >10, Add	*508.53*	
		For >10 To 25, Add	*303.77*	
		For >25 To 50, Add	*218.26*	
		For >50 To 100, Add	*109.13*	
		For >500 To 1,000, Deduct	*-39.71*	
		For >1,000 To 2,000, Deduct	*-60.19*	
		For >2,000 To 5,000, Deduct	*-98.78*	
		For >5,000, Deduct	*-163.80*	
33 01 30 72-0082	LF	15mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	882.13	
		For Vinlyester Resin, Add	*577.02*	
		For Epoxy Resin, Add	*68.01*	
		For Up To >10, Add	*585.62*	
		For >10 To 25, Add	*350.63*	
		For >25 To 50, Add	*251.59*	
		For >50 To 100, Add	*125.80*	
		For >500 To 1,000, Deduct	*-45.55*	
		For >1,000 To 2,000, Deduct	*-69.05*	
		For >2,000 To 5,000, Deduct	*-113.37*	
		For >5,000, Deduct	*-187.99*	

33 01 30 72-0083 16.5mm Thick Lining Cured In-Place Pipe *(33 01 30 72-0015)*

33 01 30 72-0084	LF	16.5mm Lining 18" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	358.46	
		For Vinlyester Resin, Add	*232.29*	
		For Epoxy Resin, Add	*27.38*	
		For Up To >10, Add	*245.78*	
		For >10 To 25, Add	*149.51*	
		For >25 To 50, Add	*106.30*	
		For >50 To 100, Add	*53.15*	
		For >500 To 1,000, Deduct	*-18.59*	
		For >1,000 To 2,000, Deduct	*-28.22*	
		For >2,000 To 5,000, Deduct	*-46.48*	
		For >5,000, Deduct	*-77.02*	
33 01 30 72-0085	LF	16.5mm Lining 21" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	418.05	
		For Vinlyester Resin, Add	*272.45*	
		For Epoxy Resin, Add	*32.11*	
		For Up To >10, Add	*281.13*	
		For >10 To 25, Add	*169.40*	
		For >25 To 50, Add	*121.10*	
		For >50 To 100, Add	*60.55*	
		For >500 To 1,000, Deduct	*-21.62*	
		For >1,000 To 2,000, Deduct	*-32.80*	
		For >2,000 To 5,000, Deduct	*-53.92*	
		For >5,000, Deduct	*-89.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0086	LF	16.5mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	478.07	
		For Vinlyester Resin, Add	*312.61*	
		For Epoxy Resin, Add	*36.84*	
		For Up To >10, Add	*317.74*	
		For >10 To 25, Add	*190.35*	
		For >25 To 50, Add	*136.54*	
		For >50 To 100, Add	*68.27*	
		For >500 To 1,000, Deduct	*-24.69*	
		For >1,000 To 2,000, Deduct	*-37.43*	
		For >2,000 To 5,000, Deduct	*-61.46*	
		For >5,000, Deduct	*-101.91*	
33 01 30 72-0087	LF	16.5mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	538.64	
		For Vinlyester Resin, Add	*352.78*	
		For Epoxy Resin, Add	*41.58*	
		For Up To >10, Add	*356.00*	
		For >10 To 25, Add	*212.67*	
		For >25 To 50, Add	*152.80*	
		For >50 To 100, Add	*76.40*	
		For >500 To 1,000, Deduct	*-27.80*	
		For >1,000 To 2,000, Deduct	*-42.13*	
		For >2,000 To 5,000, Deduct	*-69.14*	
		For >5,000, Deduct	*-114.66*	
33 01 30 72-0088	LF	16.5mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	599.90	
		For Vinlyester Resin, Add	*392.95*	
		For Epoxy Resin, Add	*46.31*	
		For Up To >10, Add	*396.33*	
		For >10 To 25, Add	*236.71*	
		For >25 To 50, Add	*170.10*	
		For >50 To 100, Add	*85.05*	
		For >500 To 1,000, Deduct	*-30.96*	
		For >1,000 To 2,000, Deduct	*-46.92*	
		For >2,000 To 5,000, Deduct	*-77.00*	
		For >5,000, Deduct	*-127.69*	
33 01 30 72-0089	LF	16.5mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	719.52	
		For Vinlyester Resin, Add	*473.28*	
		For Epoxy Resin, Add	*55.78*	
		For Up To >10, Add	*468.29*	
		For >10 To 25, Add	*277.55*	
		For >25 To 50, Add	*200.34*	
		For >50 To 100, Add	*100.17*	
		For >500 To 1,000, Deduct	*-37.06*	
		For >1,000 To 2,000, Deduct	*-56.13*	
		For >2,000 To 5,000, Deduct	*-91.99*	
		For >5,000, Deduct	*-152.59*	
33 01 30 72-0090	LF	16.5mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	840.37	
		For Vinlyester Resin, Add	*553.60*	
		For Epoxy Resin, Add	*65.25*	
		For Up To >10, Add	*543.96*	
		For >10 To 25, Add	*321.49*	
		For >25 To 50, Add	*232.44*	
		For >50 To 100, Add	*116.22*	
		For >500 To 1,000, Deduct	*-43.26*	
		For >1,000 To 2,000, Deduct	*-65.50*	
		For >2,000 To 5,000, Deduct	*-107.28*	
		For >5,000, Deduct	*-177.98*	
33 01 30 72-0091	LF	16.5mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	963.43	
		For Vinlyester Resin, Add	*633.93*	
		For Epoxy Resin, Add	*74.71*	
		For Up To >10, Add	*626.27*	
		For >10 To 25, Add	*370.95*	
		For >25 To 50, Add	*267.85*	
		For >50 To 100, Add	*133.93*	
		For >500 To 1,000, Deduct	*-49.62*	
		For >1,000 To 2,000, Deduct	*-75.15*	
		For >2,000 To 5,000, Deduct	*-123.13*	
		For >5,000, Deduct	*-204.25*	
33 01 30 72-0092	LF	16.5mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,085.54	
		For Vinlyester Resin, Add	*714.26*	
		For Epoxy Resin, Add	*84.18*	
		For Up To >10, Add	*705.70*	
		For >10 To 25, Add	*418.02*	
		For >25 To 50, Add	*301.83*	
		For >50 To 100, Add	*150.91*	
		For >500 To 1,000, Deduct	*-55.91*	
		For >1,000 To 2,000, Deduct	*-84.67*	
		For >2,000 To 5,000, Deduct	*-138.74*	
		For >5,000, Deduct	*-230.14*	

33 01 30 72-0093 18mm Thick Lining Cured In-Place Pipe *(33 01 30 72-0015)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0094	LF	18mm Lining 18" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	388.09	
		For Vinlyester Resin, Add	*252.54*	
		For Epoxy Resin, Add	*29.76*	
		For Up To >10, Add	*262.35*	
		For >10 To 25, Add	*158.49*	
		For >25 To 50, Add	*113.13*	
		For >50 To 100, Add	*56.57*	
		For >500 To 1,000, Deduct	*-20.09*	
		For >1,000 To 2,000, Deduct	*-30.47*	
		For >2,000 To 5,000, Deduct	*-50.12*	
		For >5,000, Deduct	*-83.08*	
33 01 30 72-0095	LF	18mm Lining 21" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	453.04	
		For Vinlyester Resin, Add	*296.36*	
		For Epoxy Resin, Add	*34.93*	
		For Up To >10, Add	*300.70*	
		For >10 To 25, Add	*180.02*	
		For >25 To 50, Add	*129.18*	
		For >50 To 100, Add	*64.59*	
		For >500 To 1,000, Deduct	*-23.39*	
		For >1,000 To 2,000, Deduct	*-35.46*	
		For >2,000 To 5,000, Deduct	*-58.22*	
		For >5,000, Deduct	*-96.54*	
33 01 30 72-0096	LF	18mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	518.27	
		For Vinlyester Resin, Add	*340.17*	
		For Epoxy Resin, Add	*40.09*	
		For Up To >10, Add	*339.91*	
		For >10 To 25, Add	*202.27*	
		For >25 To 50, Add	*145.66*	
		For >50 To 100, Add	*72.83*	
		For >500 To 1,000, Deduct	*-26.72*	
		For >1,000 To 2,000, Deduct	*-40.49*	
		For >2,000 To 5,000, Deduct	*-66.39*	
		For >5,000, Deduct	*-110.12*	
33 01 30 72-0097	LF	18mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	584.20	
		For Vinlyester Resin, Add	*383.99*	
		For Epoxy Resin, Add	*45.26*	
		For Up To >10, Add	*381.20*	
		For >10 To 25, Add	*226.24*	
		For >25 To 50, Add	*163.17*	
		For >50 To 100, Add	*81.59*	
		For >500 To 1,000, Deduct	*-30.10*	
		For >1,000 To 2,000, Deduct	*-45.60*	
		For >2,000 To 5,000, Deduct	*-74.74*	
		For >5,000, Deduct	*-123.97*	
33 01 30 72-0098	LF	18mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	650.66	
		For Vinlyester Resin, Add	*427.80*	
		For Epoxy Resin, Add	*50.42*	
		For Up To >10, Add	*424.13*	
		For >10 To 25, Add	*251.59*	
		For >25 To 50, Add	*181.51*	
		For >50 To 100, Add	*90.75*	
		For >500 To 1,000, Deduct	*-33.52*	
		For >1,000 To 2,000, Deduct	*-50.78*	
		For >2,000 To 5,000, Deduct	*-83.22*	
		For >5,000, Deduct	*-138.04*	
33 01 30 72-0099	LF	18mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	781.82	
		For Vinlyester Resin, Add	*515.44*	
		For Epoxy Resin, Add	*60.75*	
		For Up To >10, Add	*504.61*	
		For >10 To 25, Add	*297.79*	
		For >25 To 50, Add	*215.49*	
		For >50 To 100, Add	*107.74*	
		For >500 To 1,000, Deduct	*-40.23*	
		For >1,000 To 2,000, Deduct	*-60.91*	
		For >2,000 To 5,000, Deduct	*-99.73*	
		For >5,000, Deduct	*-165.46*	
33 01 30 72-0100	LF	18mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	913.53	
		For Vinlyester Resin, Add	*603.07*	
		For Epoxy Resin, Add	*71.08*	
		For Up To >10, Add	*586.77*	
		For >10 To 25, Add	*345.38*	
		For >25 To 50, Add	*250.31*	
		For >50 To 100, Add	*125.15*	
		For >500 To 1,000, Deduct	*-46.98*	
		For >1,000 To 2,000, Deduct	*-71.11*	
		For >2,000 To 5,000, Deduct	*-116.38*	
		For >5,000, Deduct	*-193.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0101	LF	18mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,047.45	
		For Vinlyester Resin, Add	*690.70*	
		For Epoxy Resin, Add	*81.40*	
		For Up To >10, Add	*675.58*	
		For >10 To 25, Add	*398.53*	
		For >25 To 50, Add	*288.45*	
		For >50 To 100, Add	*144.23*	
		For >500 To 1,000, Deduct	*-53.89*	
		For >1,000 To 2,000, Deduct	*-81.60*	
		For >2,000 To 5,000, Deduct	*-133.59*	
		For >5,000, Deduct	*-221.64*	
33 01 30 72-0102	LF	18mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,180.40	
		For Vinlyester Resin, Add	*778.33*	
		For Epoxy Resin, Add	*91.73*	
		For Up To >10, Add	*761.45*	
		For >10 To 25, Add	*449.23*	
		For >25 To 50, Add	*325.13*	
		For >50 To 100, Add	*162.57*	
		For >500 To 1,000, Deduct	*-60.73*	
		For >1,000 To 2,000, Deduct	*-91.96*	
		For >2,000 To 5,000, Deduct	*-150.55*	
		For >5,000, Deduct	*-249.78*	
33 01 30 72-0103	LF	18mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,313.21	
		For Vinlyester Resin, Add	*865.96*	
		For Epoxy Resin, Add	*102.06*	
		For Up To >10, Add	*846.93*	
		For >10 To 25, Add	*499.60*	
		For >25 To 50, Add	*361.61*	
		For >50 To 100, Add	*180.81*	
		For >500 To 1,000, Deduct	*-67.56*	
		For >1,000 To 2,000, Deduct	*-102.30*	
		For >2,000 To 5,000, Deduct	*-167.48*	
		For >5,000, Deduct	*-277.87*	
33 01 30 72-0104	LF	18mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,446.58	
		For Vinlyester Resin, Add	*953.59*	
		For Epoxy Resin, Add	*112.39*	
		For Up To >10, Add	*934.07*	
		For >10 To 25, Add	*551.34*	
		For >25 To 50, Add	*398.92*	
		For >50 To 100, Add	*199.46*	
		For >500 To 1,000, Deduct	*-74.44*	
		For >1,000 To 2,000, Deduct	*-112.71*	
		For >2,000 To 5,000, Deduct	*-184.55*	
		For >5,000, Deduct	*-306.18*	
33 01 30 72-0105	LF	18mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,579.53	
		For Vinlyester Resin, Add	*1,041.22*	
		For Epoxy Resin, Add	*122.71*	
		For Up To >10, Add	*1,019.97*	
		For >10 To 25, Add	*602.06*	
		For >25 To 50, Add	*435.61*	
		For >50 To 100, Add	*217.81*	
		For >500 To 1,000, Deduct	*-81.28*	
		For >1,000 To 2,000, Deduct	*-123.07*	
		For >2,000 To 5,000, Deduct	*-201.51*	
		For >5,000, Deduct	*-334.32*	

33 01 30 72-0106 19.5mm Thick Lining Cured In-Place Pipe *(33 01 30 72-0015)*

33 01 30 72-0107	LF	19.5mm Lining 18" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	417.93	
		For Vinlyester Resin, Add	*272.65*	
		For Epoxy Resin, Add	*32.13*	
		For Up To >10, Add	*280.04*	
		For >10 To 25, Add	*168.45*	
		For >25 To 50, Add	*120.55*	
		For >50 To 100, Add	*60.27*	
		For >500 To 1,000, Deduct	*-21.61*	
		For >1,000 To 2,000, Deduct	*-32.77*	
		For >2,000 To 5,000, Deduct	*-53.85*	
		For >5,000, Deduct	*-89.27*	
33 01 30 72-0108	LF	19.5mm Lining 21" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	488.10	
		For Vinlyester Resin, Add	*320.12*	
		For Epoxy Resin, Add	*37.73*	
		For Up To >10, Add	*321.00*	
		For >10 To 25, Add	*191.28*	
		For >25 To 50, Add	*137.63*	
		For >50 To 100, Add	*68.82*	
		For >500 To 1,000, Deduct	*-25.17*	
		For >1,000 To 2,000, Deduct	*-38.15*	
		For >2,000 To 5,000, Deduct	*-62.57*	
		For >5,000, Deduct	*-103.78*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0109	LF	19.5mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	558.68	
		For Vinlyester Resin, Add	*367.58*	
		For Epoxy Resin, Add	*43.32*	
		For Up To >10, Add	*363.24*	
		For >10 To 25, Add	*215.18*	
		For >25 To 50, Add	*155.36*	
		For >50 To 100, Add	*77.68*	
		For >500 To 1,000, Deduct	*-28.77*	
		For >1,000 To 2,000, Deduct	*-43.58*	
		For >2,000 To 5,000, Deduct	*-71.40*	
		For >5,000, Deduct	*-118.45*	
33 01 30 72-0110	LF	19.5mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	629.54	
		For Vinlyester Resin, Add	*415.05*	
		For Epoxy Resin, Add	*48.92*	
		For Up To >10, Add	*406.30*	
		For >10 To 25, Add	*239.76*	
		For >25 To 50, Add	*173.50*	
		For >50 To 100, Add	*86.75*	
		For >500 To 1,000, Deduct	*-32.39*	
		For >1,000 To 2,000, Deduct	*-49.05*	
		For >2,000 To 5,000, Deduct	*-80.30*	
		For >5,000, Deduct	*-133.23*	
33 01 30 72-0111	LF	19.5mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	701.51	
		For Vinlyester Resin, Add	*462.52*	
		For Epoxy Resin, Add	*54.51*	
		For Up To >10, Add	*452.68*	
		For >10 To 25, Add	*267.11*	
		For >25 To 50, Add	*193.30*	
		For >50 To 100, Add	*96.65*	
		For >500 To 1,000, Deduct	*-36.09*	
		For >1,000 To 2,000, Deduct	*-54.65*	
		For >2,000 To 5,000, Deduct	*-89.48*	
		For >5,000, Deduct	*-148.46*	
33 01 30 72-0112	LF	19.5mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	844.34	
		For Vinlyester Resin, Add	*557.45*	
		For Epoxy Resin, Add	*65.70*	
		For Up To >10, Add	*542.12*	
		For >10 To 25, Add	*319.04*	
		For >25 To 50, Add	*231.24*	
		For >50 To 100, Add	*115.62*	
		For >500 To 1,000, Deduct	*-43.42*	
		For >1,000 To 2,000, Deduct	*-65.72*	
		For >2,000 To 5,000, Deduct	*-107.56*	
		For >5,000, Deduct	*-178.46*	
33 01 30 72-0113	LF	19.5mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	987.59	
		For Vinlyester Resin, Add	*652.39*	
		For Epoxy Resin, Add	*76.89*	
		For Up To >10, Add	*632.82*	
		For >10 To 25, Add	*372.02*	
		For >25 To 50, Add	*269.81*	
		For >50 To 100, Add	*134.91*	
		For >500 To 1,000, Deduct	*-50.77*	
		For >1,000 To 2,000, Deduct	*-76.85*	
		For >2,000 To 5,000, Deduct	*-125.74*	
		For >5,000, Deduct	*-208.64*	
33 01 30 72-0114	LF	19.5mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,131.80	
		For Vinlyester Resin, Add	*747.32*	
		For Epoxy Resin, Add	*88.08*	
		For Up To >10, Add	*726.40*	
		For >10 To 25, Add	*427.40*	
		For >25 To 50, Add	*309.82*	
		For >50 To 100, Add	*154.91*	
		For >500 To 1,000, Deduct	*-58.20*	
		For >1,000 To 2,000, Deduct	*-88.10*	
		For >2,000 To 5,000, Deduct	*-144.16*	
		For >5,000, Deduct	*-239.20*	
33 01 30 72-0115	LF	19.5mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,275.60	
		For Vinlyester Resin, Add	*842.25*	
		For Epoxy Resin, Add	*99.27*	
		For Up To >10, Add	*818.75*	
		For >10 To 25, Add	*481.76*	
		For >25 To 50, Add	*349.21*	
		For >50 To 100, Add	*174.61*	
		For >500 To 1,000, Deduct	*-65.59*	
		For >1,000 To 2,000, Deduct	*-99.29*	
		For >2,000 To 5,000, Deduct	*-162.48*	
		For >5,000, Deduct	*-269.60*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0116	LF	19.5mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,419.39	
		For Vinlyester Resin, Add	*937.18*	
		For Epoxy Resin, Add	*110.45*	
		For Up To >10, Add	*911.10*	
		For >10 To 25, Add	*536.11*	
		For >25 To 50, Add	*388.61*	
		For >50 To 100, Add	*194.30*	
		For >500 To 1,000, Deduct	*-72.98*	
		For >1,000 To 2,000, Deduct	*-110.48*	
		For >2,000 To 5,000, Deduct	*-180.80*	
		For >5,000, Deduct	*-299.99*	
33 01 30 72-0117	LF	19.5mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,564.87	
		For Vinlyester Resin, Add	*1,032.12*	
		For Epoxy Resin, Add	*121.64*	
		For Up To >10, Add	*1,008.46*	
		For >10 To 25, Add	*594.64*	
		For >25 To 50, Add	*430.51*	
		For >50 To 100, Add	*215.25*	
		For >500 To 1,000, Deduct	*-80.50*	
		For >1,000 To 2,000, Deduct	*-121.89*	
		For >2,000 To 5,000, Deduct	*-199.54*	
		For >5,000, Deduct	*-331.06*	
33 01 30 72-0118	LF	19.5mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,708.80	
		For Vinlyester Resin, Add	*1,127.05*	
		For Epoxy Resin, Add	*132.83*	
		For Up To >10, Add	*1,101.23*	
		For >10 To 25, Add	*649.34*	
		For >25 To 50, Add	*470.11*	
		For >50 To 100, Add	*235.05*	
		For >500 To 1,000, Deduct	*-87.91*	
		For >1,000 To 2,000, Deduct	*-133.10*	
		For >2,000 To 5,000, Deduct	*-217.89*	
		For >5,000, Deduct	*-361.51*	

33 01 30 72-0119 21mm Thick Lining Cured In-Place Pipe *(33 01 30 72-0015)*

33 01 30 72-0120	LF	21mm Lining 18" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	447.43	
		For Vinlyester Resin, Add	*292.62*	
		For Epoxy Resin, Add	*34.49*	
		For Up To >10, Add	*297.22*	
		For >10 To 25, Add	*178.01*	
		For >25 To 50, Add	*127.71*	
		For >50 To 100, Add	*63.85*	
		For >500 To 1,000, Deduct	*-23.11*	
		For >1,000 To 2,000, Deduct	*-35.03*	
		For >2,000 To 5,000, Deduct	*-57.51*	
		For >5,000, Deduct	*-95.37*	
33 01 30 72-0121	LF	21mm Lining 21" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	522.94	
		For Vinlyester Resin, Add	*343.74*	
		For Epoxy Resin, Add	*40.51*	
		For Up To >10, Add	*341.20*	
		For >10 To 25, Add	*202.49*	
		For >25 To 50, Add	*146.05*	
		For >50 To 100, Add	*73.02*	
		For >500 To 1,000, Deduct	*-26.94*	
		For >1,000 To 2,000, Deduct	*-40.82*	
		For >2,000 To 5,000, Deduct	*-66.90*	
		For >5,000, Deduct	*-110.97*	
33 01 30 72-0122	LF	21mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	598.88	
		For Vinlyester Resin, Add	*394.86*	
		For Epoxy Resin, Add	*46.54*	
		For Up To >10, Add	*386.44*	
		For >10 To 25, Add	*228.02*	
		For >25 To 50, Add	*165.02*	
		For >50 To 100, Add	*82.51*	
		For >500 To 1,000, Deduct	*-30.81*	
		For >1,000 To 2,000, Deduct	*-46.66*	
		For >2,000 To 5,000, Deduct	*-76.39*	
		For >5,000, Deduct	*-126.74*	
33 01 30 72-0123	LF	21mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	674.68	
		For Vinlyester Resin, Add	*445.97*	
		For Epoxy Resin, Add	*52.56*	
		For Up To >10, Add	*431.29*	
		For >10 To 25, Add	*253.23*	
		For >25 To 50, Add	*183.79*	
		For >50 To 100, Add	*91.90*	
		For >500 To 1,000, Deduct	*-34.67*	
		For >1,000 To 2,000, Deduct	*-52.48*	
		For >2,000 To 5,000, Deduct	*-85.85*	
		For >5,000, Deduct	*-142.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0124	LF	21mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	752.00	
		For Vinlyester Resin, Add	*497.09*	
		For Epoxy Resin, Add	*58.59*	
		For Up To >10, Add	*480.68*	
		For >10 To 25, Add	*282.21*	
		For >25 To 50, Add	*204.83*	
		For >50 To 100, Add	*102.42*	
		For >500 To 1,000, Deduct	*-38.65*	
		For >1,000 To 2,000, Deduct	*-58.49*	
		For >2,000 To 5,000, Deduct	*-95.68*	
		For >5,000, Deduct	*-158.77*	
33 01 30 72-0125	LF	21mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	906.66	
		For Vinlyester Resin, Add	*599.33*	
		For Epoxy Resin, Add	*70.63*	
		For Up To >10, Add	*579.53*	
		For >10 To 25, Add	*340.25*	
		For >25 To 50, Add	*246.96*	
		For >50 To 100, Add	*123.48*	
		For >500 To 1,000, Deduct	*-46.60*	
		For >1,000 To 2,000, Deduct	*-70.52*	
		For >2,000 To 5,000, Deduct	*-115.36*	
		For >5,000, Deduct	*-191.43*	
33 01 30 72-0126	LF	21mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,061.30	
		For Vinlyester Resin, Add	*701.56*	
		For Epoxy Resin, Add	*82.68*	
		For Up To >10, Add	*678.33*	
		For >10 To 25, Add	*398.23*	
		For >25 To 50, Add	*289.05*	
		For >50 To 100, Add	*144.53*	
		For >500 To 1,000, Deduct	*-54.54*	
		For >1,000 To 2,000, Deduct	*-82.55*	
		For >2,000 To 5,000, Deduct	*-135.04*	
		For >5,000, Deduct	*-224.07*	
33 01 30 72-0127	LF	21mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,215.95	
		For Vinlyester Resin, Add	*803.80*	
		For Epoxy Resin, Add	*94.73*	
		For Up To >10, Add	*777.15*	
		For >10 To 25, Add	*456.25*	
		For >25 To 50, Add	*331.16*	
		For >50 To 100, Add	*165.58*	
		For >500 To 1,000, Deduct	*-62.49*	
		For >1,000 To 2,000, Deduct	*-94.58*	
		For >2,000 To 5,000, Deduct	*-154.71*	
		For >5,000, Deduct	*-256.72*	
33 01 30 72-0128	LF	21mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,370.60	
		For Vinlyester Resin, Add	*906.03*	
		For Epoxy Resin, Add	*106.78*	
		For Up To >10, Add	*875.98*	
		For >10 To 25, Add	*514.26*	
		For >25 To 50, Add	*373.27*	
		For >50 To 100, Add	*186.64*	
		For >500 To 1,000, Deduct	*-70.44*	
		For >1,000 To 2,000, Deduct	*-106.61*	
		For >2,000 To 5,000, Deduct	*-174.39*	
		For >5,000, Deduct	*-289.37*	
33 01 30 72-0129	LF	21mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,525.25	
		For Vinlyester Resin, Add	*1,008.27*	
		For Epoxy Resin, Add	*118.83*	
		For Up To >10, Add	*974.80*	
		For >10 To 25, Add	*572.27*	
		For >25 To 50, Add	*415.38*	
		For >50 To 100, Add	*207.69*	
		For >500 To 1,000, Deduct	*-78.38*	
		For >1,000 To 2,000, Deduct	*-118.64*	
		For >2,000 To 5,000, Deduct	*-194.06*	
		For >5,000, Deduct	*-322.02*	
33 01 30 72-0130	LF	21mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,682.95	
		For Vinlyester Resin, Add	*1,110.51*	
		For Epoxy Resin, Add	*130.88*	
		For Up To >10, Add	*1,082.75*	
		For >10 To 25, Add	*637.89*	
		For >25 To 50, Add	*462.05*	
		For >50 To 100, Add	*231.03*	
		For >500 To 1,000, Deduct	*-86.56*	
		For >1,000 To 2,000, Deduct	*-131.05*	
		For >2,000 To 5,000, Deduct	*-214.50*	
		For >5,000, Deduct	*-355.89*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0131	LF	21mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,837.88	
		For Vinlyester Resin, Add	*1,212.74*	
		For Epoxy Resin, Add	*142.93*	
		For Up To >10, Add	*1,182.42*	
		For >10 To 25, Add	*696.60*	
		For >25 To 50, Add	*504.58*	
		For >50 To 100, Add	*252.29*	
		For >500 To 1,000, Deduct	*-94.53*	
		For >1,000 To 2,000, Deduct	*-143.11*	
		For >2,000 To 5,000, Deduct	*-234.25*	
		For >5,000, Deduct	*-388.65*	

33 01 30 72-0132 22.5mm Thick Lining Cured In-Place Pipe *(33 01 30 72-0015)*

33 01 30 72-0133	LF	22.5mm Lining 18" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	476.58	
		For Vinlyester Resin, Add	*312.45*	
		For Epoxy Resin, Add	*36.82*	
		For Up To >10, Add	*313.87*	
		For >10 To 25, Add	*187.16*	
		For >25 To 50, Add	*134.62*	
		For >50 To 100, Add	*67.31*	
		For >500 To 1,000, Deduct	*-24.58*	
		For >1,000 To 2,000, Deduct	*-37.26*	
		For >2,000 To 5,000, Deduct	*-61.12*	
		For >5,000, Deduct	*-101.36*	
33 01 30 72-0134	LF	22.5mm Lining 21" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	557.31	
		For Vinlyester Resin, Add	*367.21*	
		For Epoxy Resin, Add	*43.28*	
		For Up To >10, Add	*360.46*	
		For >10 To 25, Add	*212.95*	
		For >25 To 50, Add	*154.00*	
		For >50 To 100, Add	*77.00*	
		For >500 To 1,000, Deduct	*-28.68*	
		For >1,000 To 2,000, Deduct	*-43.43*	
		For >2,000 To 5,000, Deduct	*-71.13*	
		For >5,000, Deduct	*-118.01*	
33 01 30 72-0135	LF	22.5mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	638.89	
		For Vinlyester Resin, Add	*421.99*	
		For Epoxy Resin, Add	*49.73*	
		For Up To >10, Add	*409.57*	
		For >10 To 25, Add	*240.84*	
		For >25 To 50, Add	*174.64*	
		For >50 To 100, Add	*87.32*	
		For >500 To 1,000, Deduct	*-32.85*	
		For >1,000 To 2,000, Deduct	*-49.72*	
		For >2,000 To 5,000, Deduct	*-81.35*	
		For >5,000, Deduct	*-134.99*	
33 01 30 72-0136	LF	22.5mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	720.87	
		For Vinlyester Resin, Add	*476.75*	
		For Epoxy Resin, Add	*56.19*	
		For Up To >10, Add	*459.94*	
		For >10 To 25, Add	*269.77*	
		For >25 To 50, Add	*195.91*	
		For >50 To 100, Add	*97.96*	
		For >500 To 1,000, Deduct	*-37.04*	
		For >1,000 To 2,000, Deduct	*-56.06*	
		For >2,000 To 5,000, Deduct	*-91.68*	
		For >5,000, Deduct	*-152.13*	
33 01 30 72-0137	LF	22.5mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	803.69	
		For Vinlyester Resin, Add	*531.52*	
		For Epoxy Resin, Add	*62.64*	
		For Up To >10, Add	*512.80*	
		For >10 To 25, Add	*300.78*	
		For >25 To 50, Add	*218.43*	
		For >50 To 100, Add	*109.22*	
		For >500 To 1,000, Deduct	*-41.29*	
		For >1,000 To 2,000, Deduct	*-62.50*	
		For >2,000 To 5,000, Deduct	*-102.21*	
		For >5,000, Deduct	*-169.61*	
33 01 30 72-0138	LF	22.5mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	969.33	
		For Vinlyester Resin, Add	*641.06*	
		For Epoxy Resin, Add	*75.55*	
		For Up To >10, Add	*618.49*	
		For >10 To 25, Add	*362.78*	
		For >25 To 50, Add	*263.46*	
		For >50 To 100, Add	*131.73*	
		For >500 To 1,000, Deduct	*-49.80*	
		For >1,000 To 2,000, Deduct	*-75.38*	
		For >2,000 To 5,000, Deduct	*-123.28*	
		For >5,000, Deduct	*-204.57*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0139	LF	22.5mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,134.96	
		For Vinlyester Resin, Add	*750.60*	
		For Epoxy Resin, Add	*88.46*	
		For Up To >10, Add	*724.18*	
		For >10 To 25, Add	*424.77*	
		For >25 To 50, Add	*308.48*	
		For >50 To 100, Add	*154.24*	
		For >500 To 1,000, Deduct	*-58.32*	
		For >1,000 To 2,000, Deduct	*-88.26*	
		For >2,000 To 5,000, Deduct	*-144.34*	
		For >5,000, Deduct	*-239.53*	
33 01 30 72-0140	LF	22.5mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,300.59	
		For Vinlyester Resin, Add	*860.13*	
		For Epoxy Resin, Add	*101.37*	
		For Up To >10, Add	*829.87*	
		For >10 To 25, Add	*486.77*	
		For >25 To 50, Add	*353.50*	
		For >50 To 100, Add	*176.75*	
		For >500 To 1,000, Deduct	*-66.83*	
		For >1,000 To 2,000, Deduct	*-101.14*	
		For >2,000 To 5,000, Deduct	*-165.41*	
		For >5,000, Deduct	*-274.48*	
33 01 30 72-0141	LF	22.5mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,466.23	
		For Vinlyester Resin, Add	*969.68*	
		For Epoxy Resin, Add	*114.28*	
		For Up To >10, Add	*935.57*	
		For >10 To 25, Add	*548.76*	
		For >25 To 50, Add	*398.52*	
		For >50 To 100, Add	*199.26*	
		For >500 To 1,000, Deduct	*-75.34*	
		For >1,000 To 2,000, Deduct	*-114.02*	
		For >2,000 To 5,000, Deduct	*-186.48*	
		For >5,000, Deduct	*-309.44*	
33 01 30 72-0142	LF	22.5mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,631.87	
		For Vinlyester Resin, Add	*1,079.21*	
		For Epoxy Resin, Add	*127.19*	
		For Up To >10, Add	*1,041.29*	
		For >10 To 25, Add	*610.78*	
		For >25 To 50, Add	*443.56*	
		For >50 To 100, Add	*221.78*	
		For >500 To 1,000, Deduct	*-83.85*	
		For >1,000 To 2,000, Deduct	*-126.90*	
		For >2,000 To 5,000, Deduct	*-207.54*	
		For >5,000, Deduct	*-344.40*	
33 01 30 72-0143	LF	22.5mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,800.70	
		For Vinlyester Resin, Add	*1,188.75*	
		For Epoxy Resin, Add	*140.10*	
		For Up To >10, Add	*1,156.55*	
		For >10 To 25, Add	*680.76*	
		For >25 To 50, Add	*493.36*	
		For >50 To 100, Add	*246.68*	
		For >500 To 1,000, Deduct	*-92.60*	
		For >1,000 To 2,000, Deduct	*-140.18*	
		For >2,000 To 5,000, Deduct	*-229.41*	
		For >5,000, Deduct	*-380.64*	
33 01 30 72-0144	LF	22.5mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,966.60	
		For Vinlyester Resin, Add	*1,298.29*	
		For Epoxy Resin, Add	*153.01*	
		For Up To >10, Add	*1,263.05*	
		For >10 To 25, Add	*743.43*	
		For >25 To 50, Add	*538.79*	
		For >50 To 100, Add	*269.40*	
		For >500 To 1,000, Deduct	*-101.13*	
		For >1,000 To 2,000, Deduct	*-153.09*	
		For >2,000 To 5,000, Deduct	*-250.54*	
		For >5,000, Deduct	*-415.70*	

33 01 30 72-0145 24mm Thick Lining Cured In-Place Pipe *(33 01 30 72-0015)*

33 01 30 72-0146	LF	24mm Lining 18" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	505.38	
		For Vinlyester Resin, Add	*332.12*	
		For Epoxy Resin, Add	*39.14*	
		For Up To >10, Add	*329.99*	
		For >10 To 25, Add	*195.92*	
		For >25 To 50, Add	*141.27*	
		For >50 To 100, Add	*70.64*	
		For >500 To 1,000, Deduct	*-26.04*	
		For >1,000 To 2,000, Deduct	*-39.45*	
		For >2,000 To 5,000, Deduct	*-64.67*	
		For >5,000, Deduct	*-107.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0147	LF	24mm Lining 21" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	591.34	
		For Vinlyester Resin, Add	*390.54*	
		For Epoxy Resin, Add	*46.03*	
		For Up To >10, Add	*379.22*	
		For >10 To 25, Add	*223.03*	
		For >25 To 50, Add	*161.71*	
		For >50 To 100, Add	*80.86*	
		For >500 To 1,000, Deduct	*-30.40*	
		For >1,000 To 2,000, Deduct	*-46.02*	
		For >2,000 To 5,000, Deduct	*-75.31*	
		For >5,000, Deduct	*-124.95*	
33 01 30 72-0148	LF	24mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	678.55	
		For Vinlyester Resin, Add	*448.97*	
		For Epoxy Resin, Add	*52.91*	
		For Up To >10, Add	*432.20*	
		For >10 To 25, Add	*253.27*	
		For >25 To 50, Add	*184.03*	
		For >50 To 100, Add	*92.02*	
		For >500 To 1,000, Deduct	*-34.86*	
		For >1,000 To 2,000, Deduct	*-52.75*	
		For >2,000 To 5,000, Deduct	*-86.26*	
		For >5,000, Deduct	*-143.14*	
33 01 30 72-0149	LF	24mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	766.84	
		For Vinlyester Resin, Add	*507.38*	
		For Epoxy Resin, Add	*59.80*	
		For Up To >10, Add	*488.45*	
		For >10 To 25, Add	*286.23*	
		For >25 To 50, Add	*207.98*	
		For >50 To 100, Add	*103.99*	
		For >500 To 1,000, Deduct	*-39.39*	
		For >1,000 To 2,000, Deduct	*-59.61*	
		For >2,000 To 5,000, Deduct	*-97.48*	
		For >5,000, Deduct	*-161.77*	
33 01 30 72-0150	LF	24mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	855.16	
		For Vinlyester Resin, Add	*565.80*	
		For Epoxy Resin, Add	*66.68*	
		For Up To >10, Add	*544.76*	
		For >10 To 25, Add	*319.25*	
		For >25 To 50, Add	*231.96*	
		For >50 To 100, Add	*115.98*	
		For >500 To 1,000, Deduct	*-43.93*	
		For >1,000 To 2,000, Deduct	*-66.48*	
		For >2,000 To 5,000, Deduct	*-108.71*	
		For >5,000, Deduct	*-180.41*	
33 01 30 72-0151	LF	24mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,031.79	
		For Vinlyester Resin, Add	*682.65*	
		For Epoxy Resin, Add	*80.45*	
		For Up To >10, Add	*657.35*	
		For >10 To 25, Add	*385.25*	
		For >25 To 50, Add	*279.91*	
		For >50 To 100, Add	*139.96*	
		For >500 To 1,000, Deduct	*-53.00*	
		For >1,000 To 2,000, Deduct	*-80.21*	
		For >2,000 To 5,000, Deduct	*-131.17*	
		For >5,000, Deduct	*-217.67*	
33 01 30 72-0152	LF	24mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,255.27	
		For Vinlyester Resin, Add	*832.39*	
		For Epoxy Resin, Add	*98.10*	
		For Up To >10, Add	*792.99*	
		For >10 To 25, Add	*462.63*	
		For >25 To 50, Add	*337.04*	
		For >50 To 100, Add	*168.52*	
		For >500 To 1,000, Deduct	*-64.42*	
		For >1,000 To 2,000, Deduct	*-97.45*	
		For >2,000 To 5,000, Deduct	*-159.23*	
		For >5,000, Deduct	*-264.28*	
33 01 30 72-0153	LF	24mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,384.89	
		For Vinlyester Resin, Add	*916.33*	
		For Epoxy Resin, Add	*108.00*	
		For Up To >10, Add	*882.07*	
		For >10 To 25, Add	*516.89*	
		For >25 To 50, Add	*375.58*	
		For >50 To 100, Add	*187.79*	
		For >500 To 1,000, Deduct	*-71.14*	
		For >1,000 To 2,000, Deduct	*-107.66*	
		For >2,000 To 5,000, Deduct	*-176.05*	
		For >5,000, Deduct	*-292.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0154	LF	24mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,561.51	
		For Vinlyester Resin, Add	*1,033.17*	
		For Epoxy Resin, Add	*121.77*	
		For Up To >10, Add	*994.63*	
		For >10 To 25, Add	*582.87*	
		For >25 To 50, Add	*423.52*	
		For >50 To 100, Add	*211.76*	
		For >500 To 1,000, Deduct	*-80.21*	
		For >1,000 To 2,000, Deduct	*-121.39*	
		For >2,000 To 5,000, Deduct	*-198.50*	
		For >5,000, Deduct	*-329.41*	
33 01 30 72-0155	LF	24mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,738.14	
		For Vinlyester Resin, Add	*1,150.01*	
		For Epoxy Resin, Add	*135.54*	
		For Up To >10, Add	*1,107.25*	
		For >10 To 25, Add	*648.89*	
		For >25 To 50, Add	*471.48*	
		For >50 To 100, Add	*235.74*	
		For >500 To 1,000, Deduct	*-89.29*	
		For >1,000 To 2,000, Deduct	*-135.12*	
		For >2,000 To 5,000, Deduct	*-220.96*	
		For >5,000, Deduct	*-366.68*	
33 01 30 72-0156	LF	24mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,918.09	
		For Vinlyester Resin, Add	*1,266.85*	
		For Epoxy Resin, Add	*149.31*	
		For Up To >10, Add	*1,229.80*	
		For >10 To 25, Add	*723.20*	
		For >25 To 50, Add	*524.41*	
		For >50 To 100, Add	*262.20*	
		For >500 To 1,000, Deduct	*-98.61*	
		For >1,000 To 2,000, Deduct	*-149.27*	
		For >2,000 To 5,000, Deduct	*-244.25*	
		For >5,000, Deduct	*-405.28*	
33 01 30 72-0157	LF	24mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,094.98	
		For Vinlyester Resin, Add	*1,383.69*	
		For Epoxy Resin, Add	*163.08*	
		For Up To >10, Add	*1,343.19*	
		For >10 To 25, Add	*789.88*	
		For >25 To 50, Add	*572.76*	
		For >50 To 100, Add	*286.38*	
		For >500 To 1,000, Deduct	*-107.71*	
		For >1,000 To 2,000, Deduct	*-163.04*	
		For >2,000 To 5,000, Deduct	*-266.77*	
		For >5,000, Deduct	*-442.65*	
33 01 30 72-0158	LF	24mm Lining 78" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,271.88	
		For Vinlyester Resin, Add	*1,500.53*	
		For Epoxy Resin, Add	*176.85*	
		For Up To >10, Add	*1,456.59*	
		For >10 To 25, Add	*856.56*	
		For >25 To 50, Add	*621.11*	
		For >50 To 100, Add	*310.56*	
		For >500 To 1,000, Deduct	*-116.80*	
		For >1,000 To 2,000, Deduct	*-176.80*	
		For >2,000 To 5,000, Deduct	*-289.30*	
		For >5,000, Deduct	*-480.03*	
33 01 30 72-0159	LF	24mm Lining 84" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,448.79	
		For Vinlyester Resin, Add	*1,617.38*	
		For Epoxy Resin, Add	*190.62*	
		For Up To >10, Add	*1,570.02*	
		For >10 To 25, Add	*923.26*	
		For >25 To 50, Add	*669.48*	
		For >50 To 100, Add	*334.74*	
		For >500 To 1,000, Deduct	*-125.90*	
		For >1,000 To 2,000, Deduct	*-190.57*	
		For >2,000 To 5,000, Deduct	*-311.83*	
		For >5,000, Deduct	*-517.41*	

33 01 30 72-0160 25.5mm Thick Lining Cured In-Place Pipe *(33 01 30 72-0015)*

33 01 30 72-0161	LF	25.5mm Lining 21" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	625.57	
		For Vinlyester Resin, Add	*413.73*	
		For Epoxy Resin, Add	*48.76*	
		For Up To >10, Add	*399.11*	
		For >10 To 25, Add	*234.09*	
		For >25 To 50, Add	*170.00*	
		For >50 To 100, Add	*85.00*	
		For >500 To 1,000, Deduct	*-32.14*	
		For >1,000 To 2,000, Deduct	*-48.64*	
		For >2,000 To 5,000, Deduct	*-79.56*	
		For >5,000, Deduct	*-132.02*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0162	LF	25.5mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	718.81	
		For Vinlyester Resin, Add	*475.80*	
		For Epoxy Resin, Add	*56.08*	
		For Up To >10, Add	*457.16*	
		For >10 To 25, Add	*267.68*	
		For >25 To 50, Add	*194.59*	
		For >50 To 100, Add	*97.30*	
		For >500 To 1,000, Deduct	*-36.92*	
		For >1,000 To 2,000, Deduct	*-55.87*	
		For >2,000 To 5,000, Deduct	*-91.34*	
		For >5,000, Deduct	*-151.58*	
33 01 30 72-0163	LF	25.5mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	812.63	
		For Vinlyester Resin, Add	*537.87*	
		For Epoxy Resin, Add	*63.39*	
		For Up To >10, Add	*516.92*	
		For >10 To 25, Add	*302.70*	
		For >25 To 50, Add	*220.04*	
		For >50 To 100, Add	*110.02*	
		For >500 To 1,000, Deduct	*-41.74*	
		For >1,000 To 2,000, Deduct	*-63.16*	
		For >2,000 To 5,000, Deduct	*-103.27*	
		For >5,000, Deduct	*-171.37*	
33 01 30 72-0164	LF	25.5mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	906.29	
		For Vinlyester Resin, Add	*599.95*	
		For Epoxy Resin, Add	*70.71*	
		For Up To >10, Add	*576.20*	
		For >10 To 25, Add	*337.32*	
		For >25 To 50, Add	*245.24*	
		For >50 To 100, Add	*122.62*	
		For >500 To 1,000, Deduct	*-46.55*	
		For >1,000 To 2,000, Deduct	*-70.43*	
		For >2,000 To 5,000, Deduct	*-115.15*	
		For >5,000, Deduct	*-191.10*	
33 01 30 72-0165	LF	25.5mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,093.90	
		For Vinlyester Resin, Add	*724.09*	
		For Epoxy Resin, Add	*85.34*	
		For Up To >10, Add	*695.68*	
		For >10 To 25, Add	*407.33*	
		For >25 To 50, Add	*296.12*	
		For >50 To 100, Add	*148.06*	
		For >500 To 1,000, Deduct	*-56.18*	
		For >1,000 To 2,000, Deduct	*-85.02*	
		For >2,000 To 5,000, Deduct	*-139.00*	
		For >5,000, Deduct	*-230.68*	
33 01 30 72-0166	LF	25.5mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,281.38	
		For Vinlyester Resin, Add	*848.23*	
		For Epoxy Resin, Add	*99.97*	
		For Up To >10, Add	*814.74*	
		For >10 To 25, Add	*476.99*	
		For >25 To 50, Add	*346.78*	
		For >50 To 100, Add	*173.39*	
		For >500 To 1,000, Deduct	*-65.81*	
		For >1,000 To 2,000, Deduct	*-99.58*	
		For >2,000 To 5,000, Deduct	*-162.82*	
		For >5,000, Deduct	*-270.20*	
33 01 30 72-0167	LF	25.5mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,468.99	
		For Vinlyester Resin, Add	*972.38*	
		For Epoxy Resin, Add	*114.60*	
		For Up To >10, Add	*934.20*	
		For >10 To 25, Add	*546.98*	
		For >25 To 50, Add	*397.64*	
		For >50 To 100, Add	*198.82*	
		For >500 To 1,000, Deduct	*-75.45*	
		For >1,000 To 2,000, Deduct	*-114.17*	
		For >2,000 To 5,000, Deduct	*-186.66*	
		For >5,000, Deduct	*-309.77*	
33 01 30 72-0168	LF	25.5mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,656.46	
		For Vinlyester Resin, Add	*1,096.52*	
		For Epoxy Resin, Add	*129.23*	
		For Up To >10, Add	*1,053.23*	
		For >10 To 25, Add	*616.62*	
		For >25 To 50, Add	*448.29*	
		For >50 To 100, Add	*224.15*	
		For >500 To 1,000, Deduct	*-85.07*	
		For >1,000 To 2,000, Deduct	*-128.73*	
		For >2,000 To 5,000, Deduct	*-210.48*	
		For >5,000, Deduct	*-349.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0169	LF	25.5mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,844.07	
		For Vinlyester Resin, Add	*1,220.67*	
		For Epoxy Resin, Add	*143.86*	
		For Up To >10, Add	*1,172.69*	
		For >10 To 25, Add	*686.60*	
		For >25 To 50, Add	*499.15*	
		For >50 To 100, Add	*249.58*	
		For >500 To 1,000, Deduct	*-94.71*	
		For >1,000 To 2,000, Deduct	*-143.32*	
		For >2,000 To 5,000, Deduct	*-234.32*	
		For >5,000, Deduct	*-388.87*	
33 01 30 72-0170	LF	25.5mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,036.10	
		For Vinlyester Resin, Add	*1,344.81*	
		For Epoxy Resin, Add	*158.49*	
		For Up To >10, Add	*1,305.43*	
		For >10 To 25, Add	*767.66*	
		For >25 To 50, Add	*556.66*	
		For >50 To 100, Add	*278.33*	
		For >500 To 1,000, Deduct	*-104.68*	
		For >1,000 To 2,000, Deduct	*-158.46*	
		For >2,000 To 5,000, Deduct	*-259.28*	
		For >5,000, Deduct	*-430.21*	
33 01 30 72-0171	LF	25.5mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,224.15	
		For Vinlyester Resin, Add	*1,468.96*	
		For Epoxy Resin, Add	*173.13*	
		For Up To >10, Add	*1,426.18*	
		For >10 To 25, Add	*838.73*	
		For >25 To 50, Add	*608.16*	
		For >50 To 100, Add	*304.08*	
		For >500 To 1,000, Deduct	*-114.35*	
		For >1,000 To 2,000, Deduct	*-173.09*	
		For >2,000 To 5,000, Deduct	*-283.23*	
		For >5,000, Deduct	*-469.96*	
33 01 30 72-0172	LF	25.5mm Lining 78" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,412.02	
		For Vinlyester Resin, Add	*1,593.10*	
		For Epoxy Resin, Add	*187.76*	
		For Up To >10, Add	*1,546.44*	
		For >10 To 25, Add	*909.39*	
		For >25 To 50, Add	*659.43*	
		For >50 To 100, Add	*329.71*	
		For >500 To 1,000, Deduct	*-124.01*	
		For >1,000 To 2,000, Deduct	*-187.71*	
		For >2,000 To 5,000, Deduct	*-307.14*	
		For >5,000, Deduct	*-509.64*	
33 01 30 72-0173	LF	25.5mm Lining 84" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,600.05	
		For Vinlyester Resin, Add	*1,717.24*	
		For Epoxy Resin, Add	*202.39*	
		For Up To >10, Add	*1,667.15*	
		For >10 To 25, Add	*980.43*	
		For >25 To 50, Add	*710.92*	
		For >50 To 100, Add	*355.46*	
		For >500 To 1,000, Deduct	*-133.67*	
		For >1,000 To 2,000, Deduct	*-202.35*	
		For >2,000 To 5,000, Deduct	*-331.10*	
		For >5,000, Deduct	*-549.38*	

33 01 30 72-0174 27mm Thick Lining Cured In-Place Pipe *(33 01 30 72-0015)*

33 01 30 72-0175	LF	27mm Lining 21" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	659.46	
		For Vinlyester Resin, Add	*436.77*	
		For Epoxy Resin, Add	*51.48*	
		For Up To >10, Add	*418.48*	
		For >10 To 25, Add	*244.74*	
		For >25 To 50, Add	*178.04*	
		For >50 To 100, Add	*89.02*	
		For >500 To 1,000, Deduct	*-33.86*	
		For >1,000 To 2,000, Deduct	*-51.23*	
		For >2,000 To 5,000, Deduct	*-83.75*	
		For >5,000, Deduct	*-138.99*	
33 01 30 72-0176	LF	27mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	758.75	
		For Vinlyester Resin, Add	*502.50*	
		For Epoxy Resin, Add	*59.22*	
		For Up To >10, Add	*481.63*	
		For >10 To 25, Add	*281.71*	
		For >25 To 50, Add	*204.92*	
		For >50 To 100, Add	*102.46*	
		For >500 To 1,000, Deduct	*-38.96*	
		For >1,000 To 2,000, Deduct	*-58.95*	
		For >2,000 To 5,000, Deduct	*-96.37*	
		For >5,000, Deduct	*-159.93*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0177	LF	27mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	858.07	
		For Vinlyester Resin, Add	*568.23*	
		For Epoxy Resin, Add	*66.97*	
		For Up To >10, Add	*544.84*	
		For >10 To 25, Add	*318.74*	
		For >25 To 50, Add	*231.83*	
		For >50 To 100, Add	*115.92*	
		For >500 To 1,000, Deduct	*-44.06*	
		For >1,000 To 2,000, Deduct	*-66.67*	
		For >2,000 To 5,000, Deduct	*-108.99*	
		For >5,000, Deduct	*-180.88*	
33 01 30 72-0178	LF	27mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	957.23	
		For Vinlyester Resin, Add	*633.95*	
		For Epoxy Resin, Add	*74.72*	
		For Up To >10, Add	*607.59*	
		For >10 To 25, Add	*355.39*	
		For >25 To 50, Add	*258.51*	
		For >50 To 100, Add	*129.26*	
		For >500 To 1,000, Deduct	*-49.15*	
		For >1,000 To 2,000, Deduct	*-74.37*	
		For >2,000 To 5,000, Deduct	*-121.57*	
		For >5,000, Deduct	*-201.76*	
33 01 30 72-0179	LF	27mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,155.67	
		For Vinlyester Resin, Add	*765.39*	
		For Epoxy Resin, Add	*90.21*	
		For Up To >10, Add	*733.49*	
		For >10 To 25, Add	*429.00*	
		For >25 To 50, Add	*312.07*	
		For >50 To 100, Add	*156.04*	
		For >500 To 1,000, Deduct	*-59.34*	
		For >1,000 To 2,000, Deduct	*-89.79*	
		For >2,000 To 5,000, Deduct	*-146.77*	
		For >5,000, Deduct	*-243.59*	
33 01 30 72-0180	LF	27mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,354.27	
		For Vinlyester Resin, Add	*896.83*	
		For Epoxy Resin, Add	*105.70*	
		For Up To >10, Add	*859.84*	
		For >10 To 25, Add	*503.00*	
		For >25 To 50, Add	*365.86*	
		For >50 To 100, Add	*182.93*	
		For >500 To 1,000, Deduct	*-69.54*	
		For >1,000 To 2,000, Deduct	*-105.22*	
		For >2,000 To 5,000, Deduct	*-172.01*	
		For >5,000, Deduct	*-285.47*	
33 01 30 72-0181	LF	27mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,552.73	
		For Vinlyester Resin, Add	*1,028.29*	
		For Epoxy Resin, Add	*121.19*	
		For Up To >10, Add	*985.74*	
		For >10 To 25, Add	*576.62*	
		For >25 To 50, Add	*419.42*	
		For >50 To 100, Add	*209.71*	
		For >500 To 1,000, Deduct	*-79.73*	
		For >1,000 To 2,000, Deduct	*-120.64*	
		For >2,000 To 5,000, Deduct	*-197.22*	
		For >5,000, Deduct	*-327.30*	
33 01 30 72-0182	LF	27mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,751.18	
		For Vinlyester Resin, Add	*1,159.73*	
		For Epoxy Resin, Add	*136.68*	
		For Up To >10, Add	*1,111.67*	
		For >10 To 25, Add	*650.26*	
		For >25 To 50, Add	*473.00*	
		For >50 To 100, Add	*236.50*	
		For >500 To 1,000, Deduct	*-89.92*	
		For >1,000 To 2,000, Deduct	*-136.06*	
		For >2,000 To 5,000, Deduct	*-222.42*	
		For >5,000, Deduct	*-369.12*	
33 01 30 72-0183	LF	27mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,949.63	
		For Vinlyester Resin, Add	*1,291.17*	
		For Epoxy Resin, Add	*152.17*	
		For Up To >10, Add	*1,237.57*	
		For >10 To 25, Add	*723.88*	
		For >25 To 50, Add	*526.56*	
		For >50 To 100, Add	*263.28*	
		For >500 To 1,000, Deduct	*-100.11*	
		For >1,000 To 2,000, Deduct	*-151.48*	
		For >2,000 To 5,000, Deduct	*-247.62*	
		For >5,000, Deduct	*-410.95*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0184	LF	27mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,153.93	
		For Vinlyester Resin, Add	*1,422.62*	
		For Epoxy Resin, Add	*167.67*	
		For Up To >10, Add	*1,380.99*	
		For >10 To 25, Add	*812.11*	
		For >25 To 50, Add	*588.88*	
		For >50 To 100, Add	*294.44*	
		For >500 To 1,000, Deduct	*-110.74*	
		For >1,000 To 2,000, Deduct	*-167.63*	
		For >2,000 To 5,000, Deduct	*-274.28*	
		For >5,000, Deduct	*-455.11*	
33 01 30 72-0185	LF	27mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,352.94	
		For Vinlyester Resin, Add	*1,554.07*	
		For Epoxy Resin, Add	*183.16*	
		For Up To >10, Add	*1,508.57*	
		For >10 To 25, Add	*887.13*	
		For >25 To 50, Add	*643.28*	
		For >50 To 100, Add	*321.64*	
		For >500 To 1,000, Deduct	*-120.97*	
		For >1,000 To 2,000, Deduct	*-183.11*	
		For >2,000 To 5,000, Deduct	*-299.62*	
		For >5,000, Deduct	*-497.16*	
33 01 30 72-0186	LF	27mm Lining 78" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,551.96	
		For Vinlyester Resin, Add	*1,685.52*	
		For Epoxy Resin, Add	*198.65*	
		For Up To >10, Add	*1,636.18*	
		For >10 To 25, Add	*962.17*	
		For >25 To 50, Add	*697.70*	
		For >50 To 100, Add	*348.85*	
		For >500 To 1,000, Deduct	*-131.20*	
		For >1,000 To 2,000, Deduct	*-198.60*	
		For >2,000 To 5,000, Deduct	*-324.97*	
		For >5,000, Deduct	*-539.21*	
33 01 30 72-0187	LF	27mm Lining 84" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,750.97	
		For Vinlyester Resin, Add	*1,816.96*	
		For Epoxy Resin, Add	*214.14*	
		For Up To >10, Add	*1,763.76*	
		For >10 To 25, Add	*1,037.19*	
		For >25 To 50, Add	*752.10*	
		For >50 To 100, Add	*376.05*	
		For >500 To 1,000, Deduct	*-141.43*	
		For >1,000 To 2,000, Deduct	*-214.09*	
		For >2,000 To 5,000, Deduct	*-350.31*	
		For >5,000, Deduct	*-581.26*	

33 01 30 72-0188 28.5mm Thick Lining Cured In-Place Pipe *(33 01 30 72-0015)*

33 01 30 72-0189	LF	28.5mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	798.21	
		For Vinlyester Resin, Add	*529.05*	
		For Epoxy Resin, Add	*62.35*	
		For Up To >10, Add	*505.18*	
		For >10 To 25, Add	*295.02*	
		For >25 To 50, Add	*214.80*	
		For >50 To 100, Add	*107.40*	
		For >500 To 1,000, Deduct	*-40.97*	
		For >1,000 To 2,000, Deduct	*-61.99*	
		For >2,000 To 5,000, Deduct	*-101.30*	
		For >5,000, Deduct	*-168.13*	
33 01 30 72-0190	LF	28.5mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	903.00	
		For Vinlyester Resin, Add	*598.42*	
		For Epoxy Resin, Add	*70.53*	
		For Up To >10, Add	*571.78*	
		For >10 To 25, Add	*334.00*	
		For >25 To 50, Add	*243.14*	
		For >50 To 100, Add	*121.57*	
		For >500 To 1,000, Deduct	*-46.35*	
		For >1,000 To 2,000, Deduct	*-70.13*	
		For >2,000 To 5,000, Deduct	*-114.61*	
		For >5,000, Deduct	*-190.22*	
33 01 30 72-0191	LF	28.5mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,007.66	
		For Vinlyester Resin, Add	*667.79*	
		For Epoxy Resin, Add	*78.70*	
		For Up To >10, Add	*638.01*	
		For >10 To 25, Add	*372.67*	
		For >25 To 50, Add	*271.30*	
		For >50 To 100, Add	*135.65*	
		For >500 To 1,000, Deduct	*-51.72*	
		For >1,000 To 2,000, Deduct	*-78.26*	
		For >2,000 To 5,000, Deduct	*-127.90*	
		For >5,000, Deduct	*-212.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0192	LF	28.5mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,275.55	
		For Vinlyester Resin, Add	*847.55*	
		For Epoxy Resin, Add	*99.89*	
		For Up To >10, Add	*799.68*	
		For >10 To 25, Add	*464.60*	
		For >25 To 50, Add	*339.30*	
		For >50 To 100, Add	*169.65*	
		For >500 To 1,000, Deduct	*-65.40*	
		For >1,000 To 2,000, Deduct	*-98.90*	
		For >2,000 To 5,000, Deduct	*-161.48*	
		For >5,000, Deduct	*-268.06*	
33 01 30 72-0193	LF	28.5mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,426.41	
		For Vinlyester Resin, Add	*945.29*	
		For Epoxy Resin, Add	*111.41*	
		For Up To >10, Add	*903.18*	
		For >10 To 25, Add	*527.58*	
		For >25 To 50, Add	*384.07*	
		For >50 To 100, Add	*192.03*	
		For >500 To 1,000, Deduct	*-73.22*	
		For >1,000 To 2,000, Deduct	*-110.78*	
		For >2,000 To 5,000, Deduct	*-181.05*	
		For >5,000, Deduct	*-300.48*	
33 01 30 72-0194	LF	28.5mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,635.73	
		For Vinlyester Resin, Add	*1,084.05*	
		For Epoxy Resin, Add	*127.76*	
		For Up To >10, Add	*1,035.59*	
		For >10 To 25, Add	*604.89*	
		For >25 To 50, Add	*440.36*	
		For >50 To 100, Add	*220.18*	
		For >500 To 1,000, Deduct	*-83.96*	
		For >1,000 To 2,000, Deduct	*-127.03*	
		For >2,000 To 5,000, Deduct	*-207.61*	
		For >5,000, Deduct	*-344.56*	
33 01 30 72-0195	LF	28.5mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,845.03	
		For Vinlyester Resin, Add	*1,222.80*	
		For Epoxy Resin, Add	*144.12*	
		For Up To >10, Add	*1,167.97*	
		For >10 To 25, Add	*682.16*	
		For >25 To 50, Add	*496.64*	
		For >50 To 100, Add	*248.32*	
		For >500 To 1,000, Deduct	*-94.71*	
		For >1,000 To 2,000, Deduct	*-143.29*	
		For >2,000 To 5,000, Deduct	*-234.17*	
		For >5,000, Deduct	*-388.64*	
33 01 30 72-0196	LF	28.5mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,054.33	
		For Vinlyester Resin, Add	*1,361.54*	
		For Epoxy Resin, Add	*160.47*	
		For Up To >10, Add	*1,300.34*	
		For >10 To 25, Add	*759.44*	
		For >25 To 50, Add	*552.92*	
		For >50 To 100, Add	*276.46*	
		For >500 To 1,000, Deduct	*-105.45*	
		For >1,000 To 2,000, Deduct	*-159.54*	
		For >2,000 To 5,000, Deduct	*-260.72*	
		For >5,000, Deduct	*-432.72*	
33 01 30 72-0197	LF	28.5mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,269.73	
		For Vinlyester Resin, Add	*1,500.29*	
		For Epoxy Resin, Add	*176.82*	
		For Up To >10, Add	*1,451.02*	
		For >10 To 25, Add	*851.97*	
		For >25 To 50, Add	*618.34*	
		For >50 To 100, Add	*309.17*	
		For >500 To 1,000, Deduct	*-116.65*	
		For >1,000 To 2,000, Deduct	*-176.55*	
		For >2,000 To 5,000, Deduct	*-288.81*	
		For >5,000, Deduct	*-479.24*	
33 01 30 72-0198	LF	28.5mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,479.59	
		For Vinlyester Resin, Add	*1,639.04*	
		For Epoxy Resin, Add	*193.17*	
		For Up To >10, Add	*1,585.07*	
		For >10 To 25, Add	*930.65*	
		For >25 To 50, Add	*675.46*	
		For >50 To 100, Add	*337.73*	
		For >500 To 1,000, Deduct	*-127.43*	
		For >1,000 To 2,000, Deduct	*-192.87*	
		For >2,000 To 5,000, Deduct	*-315.51*	
		For >5,000, Deduct	*-523.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0199	LF	28.5mm Lining 78" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,689.60	
		For Vinlyester Resin, Add	*1,777.79*	
		For Epoxy Resin, Add	*209.53*	
		For Up To >10, Add	*1,719.55*	
		For >10 To 25, Add	*1,009.68*	
		For >25 To 50, Add	*732.79*	
		For >50 To 100, Add	*366.40*	
		For >500 To 1,000, Deduct	*-138.23*	
		For >1,000 To 2,000, Deduct	*-209.22*	
		For >2,000 To 5,000, Deduct	*-342.24*	
		For >5,000, Deduct	*-567.90*	
33 01 30 72-0200	LF	28.5mm Lining 84" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,899.46	
		For Vinlyester Resin, Add	*1,916.54*	
		For Epoxy Resin, Add	*225.88*	
		For Up To >10, Add	*1,853.61*	
		For >10 To 25, Add	*1,088.35*	
		For >25 To 50, Add	*789.91*	
		For >50 To 100, Add	*394.95*	
		For >500 To 1,000, Deduct	*-149.01*	
		For >1,000 To 2,000, Deduct	*-225.54*	
		For >2,000 To 5,000, Deduct	*-368.94*	
		For >5,000, Deduct	*-612.20*	

33 01 30 72-0201 30mm Thick Lining Cured In-Place Pipe *(33 01 30 72-0015)*

33 01 30 72-0202	LF	30mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	837.46	
		For Vinlyester Resin, Add	*555.46*	
		For Epoxy Resin, Add	*65.46*	
		For Up To >10, Add	*528.61*	
		For >10 To 25, Add	*308.25*	
		For >25 To 50, Add	*224.63*	
		For >50 To 100, Add	*112.31*	
		For >500 To 1,000, Deduct	*-42.97*	
		For >1,000 To 2,000, Deduct	*-65.01*	
		For >2,000 To 5,000, Deduct	*-106.21*	
		For >5,000, Deduct	*-176.28*	
33 01 30 72-0203	LF	30mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	947.61	
		For Vinlyester Resin, Add	*628.48*	
		For Epoxy Resin, Add	*74.07*	
		For Up To >10, Add	*598.26*	
		For >10 To 25, Add	*348.91*	
		For >25 To 50, Add	*254.24*	
		For >50 To 100, Add	*127.12*	
		For >500 To 1,000, Deduct	*-48.63*	
		For >1,000 To 2,000, Deduct	*-73.56*	
		For >2,000 To 5,000, Deduct	*-120.18*	
		For >5,000, Deduct	*-199.48*	
33 01 30 72-0204	LF	30mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,057.76	
		For Vinlyester Resin, Add	*701.51*	
		For Epoxy Resin, Add	*82.68*	
		For Up To >10, Add	*667.91*	
		For >10 To 25, Add	*389.56*	
		For >25 To 50, Add	*283.85*	
		For >50 To 100, Add	*141.92*	
		For >500 To 1,000, Deduct	*-54.28*	
		For >1,000 To 2,000, Deduct	*-82.11*	
		For >2,000 To 5,000, Deduct	*-134.16*	
		For >5,000, Deduct	*-222.67*	
33 01 30 72-0205	LF	30mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,277.90	
		For Vinlyester Resin, Add	*847.55*	
		For Epoxy Resin, Add	*99.89*	
		For Up To >10, Add	*806.73*	
		For >10 To 25, Add	*470.47*	
		For >25 To 50, Add	*342.82*	
		For >50 To 100, Add	*171.41*	
		For >500 To 1,000, Deduct	*-65.57*	
		For >1,000 To 2,000, Deduct	*-99.20*	
		For >2,000 To 5,000, Deduct	*-162.07*	
		For >5,000, Deduct	*-269.00*	
33 01 30 72-0206	LF	30mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,498.21	
		For Vinlyester Resin, Add	*993.61*	
		For Epoxy Resin, Add	*117.10*	
		For Up To >10, Add	*946.03*	
		For >10 To 25, Add	*551.79*	
		For >25 To 50, Add	*402.04*	
		For >50 To 100, Add	*201.02*	
		For >500 To 1,000, Deduct	*-76.88*	
		For >1,000 To 2,000, Deduct	*-116.30*	
		For >2,000 To 5,000, Deduct	*-190.03*	
		For >5,000, Deduct	*-315.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0207	LF	30mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,718.35	
		For Vinlyester Resin, Add	*1,139.66*	
		For Epoxy Resin, Add	*134.32*	
		For Up To >10, Add	*1,084.85*	
		For >10 To 25, Add	*632.70*	
		For >25 To 50, Add	*461.02*	
		For >50 To 100, Add	*230.51*	
		For >500 To 1,000, Deduct	*-88.17*	
		For >1,000 To 2,000, Deduct	*-133.39*	
		For >2,000 To 5,000, Deduct	*-217.94*	
		For >5,000, Deduct	*-361.72*	
33 01 30 72-0208	LF	30mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,938.65	
		For Vinlyester Resin, Add	*1,285.71*	
		For Epoxy Resin, Add	*151.53*	
		For Up To >10, Add	*1,224.13*	
		For >10 To 25, Add	*713.98*	
		For >25 To 50, Add	*520.23*	
		For >50 To 100, Add	*260.11*	
		For >500 To 1,000, Deduct	*-99.48*	
		For >1,000 To 2,000, Deduct	*-150.49*	
		For >2,000 To 5,000, Deduct	*-245.89*	
		For >5,000, Deduct	*-408.11*	
33 01 30 72-0209	LF	30mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,158.81	
		For Vinlyester Resin, Add	*1,431.77*	
		For Epoxy Resin, Add	*168.74*	
		For Up To >10, Add	*1,362.98*	
		For >10 To 25, Add	*794.92*	
		For >25 To 50, Add	*579.22*	
		For >50 To 100, Add	*289.61*	
		For >500 To 1,000, Deduct	*-110.78*	
		For >1,000 To 2,000, Deduct	*-167.58*	
		For >2,000 To 5,000, Deduct	*-273.80*	
		For >5,000, Deduct	*-454.45*	
33 01 30 72-0210	LF	30mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,385.33	
		For Vinlyester Resin, Add	*1,577.81*	
		For Epoxy Resin, Add	*185.96*	
		For Up To >10, Add	*1,520.94*	
		For >10 To 25, Add	*891.78*	
		For >25 To 50, Add	*647.77*	
		For >50 To 100, Add	*323.88*	
		For >500 To 1,000, Deduct	*-122.55*	
		For >1,000 To 2,000, Deduct	*-185.47*	
		For >2,000 To 5,000, Deduct	*-303.31*	
		For >5,000, Deduct	*-503.33*	
33 01 30 72-0211	LF	30mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,606.05	
		For Vinlyester Resin, Add	*1,723.87*	
		For Epoxy Resin, Add	*203.17*	
		For Up To >10, Add	*1,661.48*	
		For >10 To 25, Add	*974.12*	
		For >25 To 50, Add	*707.60*	
		For >50 To 100, Add	*353.80*	
		For >500 To 1,000, Deduct	*-133.89*	
		For >1,000 To 2,000, Deduct	*-202.62*	
		For >2,000 To 5,000, Deduct	*-331.37*	
		For >5,000, Deduct	*-549.89*	
33 01 30 72-0212	LF	30mm Lining 78" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,826.89	
		For Vinlyester Resin, Add	*1,869.92*	
		For Epoxy Resin, Add	*220.38*	
		For Up To >10, Add	*1,802.40*	
		For >10 To 25, Add	*1,056.78*	
		For >25 To 50, Add	*767.63*	
		For >50 To 100, Add	*383.82*	
		For >500 To 1,000, Deduct	*-145.23*	
		For >1,000 To 2,000, Deduct	*-219.80*	
		For >2,000 To 5,000, Deduct	*-359.45*	
		For >5,000, Deduct	*-596.49*	
33 01 30 72-0213	LF	30mm Lining 84" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	3,047.73	
		For Vinlyester Resin, Add	*2,015.97*	
		For Epoxy Resin, Add	*237.60*	
		For Up To >10, Add	*1,943.32*	
		For >10 To 25, Add	*1,139.44*	
		For >25 To 50, Add	*827.66*	
		For >50 To 100, Add	*413.83*	
		For >500 To 1,000, Deduct	*-156.58*	
		For >1,000 To 2,000, Deduct	*-236.97*	
		For >2,000 To 5,000, Deduct	*-387.54*	
		For >5,000, Deduct	*-643.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0214	LF	30mm Lining 90" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	3,268.45	
		For Vinlyester Resin, Add	*2,162.02*	
		For Epoxy Resin, Add	*254.81*	
		For Up To >10, Add	*2,083.85*	
		For >10 To 25, Add	*1,221.78*	
		For >25 To 50, Add	*887.50*	
		For >50 To 100, Add	*443.75*	
		For >500 To 1,000, Deduct	*-167.92*	
		For >1,000 To 2,000, Deduct	*-254.13*	
		For >2,000 To 5,000, Deduct	*-415.59*	
		For >5,000, Deduct	*-689.66*	
33 01 30 72-0215	LF	30mm Lining 96" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	3,489.29	
		For Vinlyester Resin, Add	*2,308.07*	
		For Epoxy Resin, Add	*272.02*	
		For Up To >10, Add	*2,224.77*	
		For >10 To 25, Add	*1,304.44*	
		For >25 To 50, Add	*947.52*	
		For >50 To 100, Add	*473.76*	
		For >500 To 1,000, Deduct	*-179.27*	
		For >1,000 To 2,000, Deduct	*-271.30*	
		For >2,000 To 5,000, Deduct	*-443.68*	
		For >5,000, Deduct	*-736.27*	

33 01 30 72-0216 31.5mm Thick Lining Cured In-Place Pipe *(33 01 30 72-0015)*

33 01 30 72-0217	LF	31.5mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	876.51	
		For Vinlyester Resin, Add	*581.72*	
		For Epoxy Resin, Add	*68.56*	
		For Up To >10, Add	*551.96*	
		For >10 To 25, Add	*321.46*	
		For >25 To 50, Add	*234.43*	
		For >50 To 100, Add	*117.21*	
		For >500 To 1,000, Deduct	*-44.96*	
		For >1,000 To 2,000, Deduct	*-68.01*	
		For >2,000 To 5,000, Deduct	*-111.09*	
		For >5,000, Deduct	*-184.40*	
33 01 30 72-0218	LF	31.5mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	992.02	
		For Vinlyester Resin, Add	*658.40*	
		For Epoxy Resin, Add	*77.60*	
		For Up To >10, Add	*624.64*	
		For >10 To 25, Add	*363.77*	
		For >25 To 50, Add	*265.29*	
		For >50 To 100, Add	*132.64*	
		For >500 To 1,000, Deduct	*-50.89*	
		For >1,000 To 2,000, Deduct	*-76.97*	
		For >2,000 To 5,000, Deduct	*-125.73*	
		For >5,000, Deduct	*-208.69*	
33 01 30 72-0219	LF	31.5mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,107.51	
		For Vinlyester Resin, Add	*735.07*	
		For Epoxy Resin, Add	*86.63*	
		For Up To >10, Add	*697.28*	
		For >10 To 25, Add	*406.05*	
		For >25 To 50, Add	*296.14*	
		For >50 To 100, Add	*148.07*	
		For >500 To 1,000, Deduct	*-56.81*	
		For >1,000 To 2,000, Deduct	*-85.93*	
		For >2,000 To 5,000, Deduct	*-140.36*	
		For >5,000, Deduct	*-232.98*	
33 01 30 72-0220	LF	31.5mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,338.65	
		For Vinlyester Resin, Add	*888.43*	
		For Epoxy Resin, Add	*104.71*	
		For Up To >10, Add	*843.00*	
		For >10 To 25, Add	*490.97*	
		For >25 To 50, Add	*358.04*	
		For >50 To 100, Add	*179.02*	
		For >500 To 1,000, Deduct	*-68.67*	
		For >1,000 To 2,000, Deduct	*-103.87*	
		For >2,000 To 5,000, Deduct	*-169.67*	
		For >5,000, Deduct	*-281.62*	
33 01 30 72-0221	LF	31.5mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,569.66	
		For Vinlyester Resin, Add	*1,041.78*	
		For Epoxy Resin, Add	*122.78*	
		For Up To >10, Add	*988.33*	
		For >10 To 25, Add	*575.57*	
		For >25 To 50, Add	*419.75*	
		For >50 To 100, Add	*209.88*	
		For >500 To 1,000, Deduct	*-80.52*	
		For >1,000 To 2,000, Deduct	*-121.79*	
		For >2,000 To 5,000, Deduct	*-198.94*	
		For >5,000, Deduct	*-330.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0222	LF	31.5mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,800.80	
		For Vinlyester Resin, Add	*1,195.14*	
		For Epoxy Resin, Add	*140.86*	
		For Up To >10, Add	*1,134.05*	
		For >10 To 25, Add	*660.49*	
		For >25 To 50, Add	*481.66*	
		For >50 To 100, Add	*240.83*	
		For >500 To 1,000, Deduct	*-92.38*	
		For >1,000 To 2,000, Deduct	*-139.73*	
		For >2,000 To 5,000, Deduct	*-228.25*	
		For >5,000, Deduct	*-378.85*	
33 01 30 72-0223	LF	31.5mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,031.80	
		For Vinlyester Resin, Add	*1,348.49*	
		For Epoxy Resin, Add	*158.93*	
		For Up To >10, Add	*1,279.38*	
		For >10 To 25, Add	*745.08*	
		For >25 To 50, Add	*543.37*	
		For >50 To 100, Add	*271.68*	
		For >500 To 1,000, Deduct	*-104.22*	
		For >1,000 To 2,000, Deduct	*-157.65*	
		For >2,000 To 5,000, Deduct	*-257.52*	
		For >5,000, Deduct	*-427.44*	
33 01 30 72-0224	LF	31.5mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,262.80	
		For Vinlyester Resin, Add	*1,501.84*	
		For Epoxy Resin, Add	*177.00*	
		For Up To >10, Add	*1,424.68*	
		For >10 To 25, Add	*829.65*	
		For >25 To 50, Add	*605.06*	
		For >50 To 100, Add	*302.53*	
		For >500 To 1,000, Deduct	*-116.07*	
		For >1,000 To 2,000, Deduct	*-175.58*	
		For >2,000 To 5,000, Deduct	*-286.79*	
		For >5,000, Deduct	*-476.02*	
33 01 30 72-0225	LF	31.5mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,500.47	
		For Vinlyester Resin, Add	*1,655.20*	
		For Epoxy Resin, Add	*195.08*	
		For Up To >10, Add	*1,589.99*	
		For >10 To 25, Add	*930.89*	
		For >25 To 50, Add	*676.76*	
		For >50 To 100, Add	*338.38*	
		For >500 To 1,000, Deduct	*-128.42*	
		For >1,000 To 2,000, Deduct	*-194.33*	
		For >2,000 To 5,000, Deduct	*-317.72*	
		For >5,000, Deduct	*-527.27*	
33 01 30 72-0226	LF	31.5mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,749.94	
		For Vinlyester Resin, Add	*1,820.90*	
		For Epoxy Resin, Add	*214.61*	
		For Up To >10, Add	*1,746.60*	
		For >10 To 25, Add	*1,021.95*	
		For >25 To 50, Add	*743.23*	
		For >50 To 100, Add	*371.62*	
		For >500 To 1,000, Deduct	*-141.21*	
		For >1,000 To 2,000, Deduct	*-213.68*	
		For >2,000 To 5,000, Deduct	*-349.32*	
		For >5,000, Deduct	*-579.72*	
33 01 30 72-0227	LF	31.5mm Lining 78" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,963.72	
		For Vinlyester Resin, Add	*1,961.90*	
		For Epoxy Resin, Add	*231.22*	
		For Up To >10, Add	*1,884.36*	
		For >10 To 25, Add	*1,103.18*	
		For >25 To 50, Add	*802.04*	
		For >50 To 100, Add	*401.02*	
		For >500 To 1,000, Deduct	*-152.21*	
		For >1,000 To 2,000, Deduct	*-230.33*	
		For >2,000 To 5,000, Deduct	*-376.58*	
		For >5,000, Deduct	*-624.94*	
33 01 30 72-0228	LF	31.5mm Lining 84" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	3,195.41	
		For Vinlyester Resin, Add	*2,115.26*	
		For Epoxy Resin, Add	*249.30*	
		For Up To >10, Add	*2,031.73*	
		For >10 To 25, Add	*1,189.48*	
		For >25 To 50, Add	*864.78*	
		For >50 To 100, Add	*432.39*	
		For >500 To 1,000, Deduct	*-164.11*	
		For >1,000 To 2,000, Deduct	*-248.34*	
		For >2,000 To 5,000, Deduct	*-406.02*	
		For >5,000, Deduct	*-673.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0229	LF	31.5mm Lining 90" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	3,426.96	
		For Vinlyester Resin, Add	*2,268.61*	
		For Epoxy Resin, Add	*267.37*	
		For Up To >10, Add	*2,178.71*	
		For >10 To 25, Add	*1,275.44*	
		For >25 To 50, Add	*927.31*	
		For >50 To 100, Add	*463.65*	
		For >500 To 1,000, Deduct	*-176.00*	
		For >1,000 To 2,000, Deduct	*-266.33*	
		For >2,000 To 5,000, Deduct	*-435.43*	
		For >5,000, Deduct	*-722.61*	
33 01 30 72-0230	LF	31.5mm Lining 96" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	3,658.66	
		For Vinlyester Resin, Add	*2,421.97*	
		For Epoxy Resin, Add	*285.45*	
		For Up To >10, Add	*2,326.11*	
		For >10 To 25, Add	*1,361.76*	
		For >25 To 50, Add	*990.06*	
		For >50 To 100, Add	*495.03*	
		For >500 To 1,000, Deduct	*-187.90*	
		For >1,000 To 2,000, Deduct	*-284.34*	
		For >2,000 To 5,000, Deduct	*-464.87*	
		For >5,000, Deduct	*-771.47*	

33 01 30 72-0231 33mm Thick Lining Cured In-Place Pipe *(33 01 30 72-0015)*

33 01 30 72-0232	LF	33mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	915.21	
		For Vinlyester Resin, Add	*607.84*	
		For Epoxy Resin, Add	*71.64*	
		For Up To >10, Add	*574.78*	
		For >10 To 25, Add	*334.26*	
		For >25 To 50, Add	*243.97*	
		For >50 To 100, Add	*121.99*	
		For >500 To 1,000, Deduct	*-46.93*	
		For >1,000 To 2,000, Deduct	*-70.98*	
		For >2,000 To 5,000, Deduct	*-115.92*	
		For >5,000, Deduct	*-192.42*	
33 01 30 72-0233	LF	33mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,036.20	
		For Vinlyester Resin, Add	*688.16*	
		For Epoxy Resin, Add	*81.10*	
		For Up To >10, Add	*650.88*	
		For >10 To 25, Add	*378.55*	
		For >25 To 50, Add	*276.28*	
		For >50 To 100, Add	*138.14*	
		For >500 To 1,000, Deduct	*-53.14*	
		For >1,000 To 2,000, Deduct	*-80.37*	
		For >2,000 To 5,000, Deduct	*-131.25*	
		For >5,000, Deduct	*-217.86*	
33 01 30 72-0234	LF	33mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,157.06	
		For Vinlyester Resin, Add	*768.50*	
		For Epoxy Resin, Add	*90.57*	
		For Up To >10, Add	*726.56*	
		For >10 To 25, Add	*422.49*	
		For >25 To 50, Add	*308.39*	
		For >50 To 100, Add	*154.19*	
		For >500 To 1,000, Deduct	*-59.33*	
		For >1,000 To 2,000, Deduct	*-89.74*	
		For >2,000 To 5,000, Deduct	*-146.54*	
		For >5,000, Deduct	*-243.25*	
33 01 30 72-0235	LF	33mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,399.05	
		For Vinlyester Resin, Add	*929.15*	
		For Epoxy Resin, Add	*109.51*	
		For Up To >10, Add	*878.75*	
		For >10 To 25, Add	*511.07*	
		For >25 To 50, Add	*373.01*	
		For >50 To 100, Add	*186.50*	
		For >500 To 1,000, Deduct	*-71.74*	
		For >1,000 To 2,000, Deduct	*-108.51*	
		For >2,000 To 5,000, Deduct	*-177.21*	
		For >5,000, Deduct	*-294.15*	
33 01 30 72-0236	LF	33mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,640.90	
		For Vinlyester Resin, Add	*1,089.81*	
		For Epoxy Resin, Add	*128.44*	
		For Up To >10, Add	*1,030.53*	
		For >10 To 25, Add	*599.29*	
		For >25 To 50, Add	*437.42*	
		For >50 To 100, Add	*218.71*	
		For >500 To 1,000, Deduct	*-84.15*	
		For >1,000 To 2,000, Deduct	*-127.27*	
		For >2,000 To 5,000, Deduct	*-207.83*	
		For >5,000, Deduct	*-344.99*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0237	LF	33mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,882.89	
		For Vinlyester Resin, Add	*1,250.47*	
		For Epoxy Resin, Add	*147.38*	
		For Up To >10, Add	*1,182.72*	
		For >10 To 25, Add	*687.87*	
		For >25 To 50, Add	*502.04*	
		For >50 To 100, Add	*251.02*	
		For >500 To 1,000, Deduct	*-96.56*	
		For >1,000 To 2,000, Deduct	*-146.04*	
		For >2,000 To 5,000, Deduct	*-238.49*	
		For >5,000, Deduct	*-395.88*	
33 01 30 72-0238	LF	33mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,124.74	
		For Vinlyester Resin, Add	*1,411.12*	
		For Epoxy Resin, Add	*166.31*	
		For Up To >10, Add	*1,334.50*	
		For >10 To 25, Add	*776.10*	
		For >25 To 50, Add	*566.45*	
		For >50 To 100, Add	*283.23*	
		For >500 To 1,000, Deduct	*-108.96*	
		For >1,000 To 2,000, Deduct	*-164.80*	
		For >2,000 To 5,000, Deduct	*-269.12*	
		For >5,000, Deduct	*-446.72*	
33 01 30 72-0239	LF	33mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,366.59	
		For Vinlyester Resin, Add	*1,571.78*	
		For Epoxy Resin, Add	*185.25*	
		For Up To >10, Add	*1,486.27*	
		For >10 To 25, Add	*864.33*	
		For >25 To 50, Add	*630.87*	
		For >50 To 100, Add	*315.43*	
		For >500 To 1,000, Deduct	*-121.36*	
		For >1,000 To 2,000, Deduct	*-183.55*	
		For >2,000 To 5,000, Deduct	*-299.75*	
		For >5,000, Deduct	*-497.56*	
33 01 30 72-0240	LF	33mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,615.23	
		For Vinlyester Resin, Add	*1,732.43*	
		For Epoxy Resin, Add	*204.18*	
		For Up To >10, Add	*1,658.44*	
		For >10 To 25, Add	*969.55*	
		For >25 To 50, Add	*705.48*	
		For >50 To 100, Add	*352.74*	
		For >500 To 1,000, Deduct	*-134.27*	
		For >1,000 To 2,000, Deduct	*-203.16*	
		For >2,000 To 5,000, Deduct	*-332.07*	
		For >5,000, Deduct	*-551.11*	
33 01 30 72-0241	LF	33mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,858.20	
		For Vinlyester Resin, Add	*1,893.09*	
		For Epoxy Resin, Add	*223.11*	
		For Up To >10, Add	*1,813.55*	
		For >10 To 25, Add	*1,060.56*	
		For >25 To 50, Add	*771.55*	
		For >50 To 100, Add	*385.78*	
		For >500 To 1,000, Deduct	*-146.75*	
		For >1,000 To 2,000, Deduct	*-222.05*	
		For >2,000 To 5,000, Deduct	*-362.98*	
		For >5,000, Deduct	*-602.40*	
33 01 30 72-0242	LF	33mm Lining 78" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	3,100.18	
		For Vinlyester Resin, Add	*2,053.74*	
		For Epoxy Resin, Add	*242.05*	
		For Up To >10, Add	*1,965.74*	
		For >10 To 25, Add	*1,149.13*	
		For >25 To 50, Add	*836.17*	
		For >50 To 100, Add	*418.09*	
		For >500 To 1,000, Deduct	*-159.17*	
		For >1,000 To 2,000, Deduct	*-240.83*	
		For >2,000 To 5,000, Deduct	*-393.64*	
		For >5,000, Deduct	*-653.29*	
33 01 30 72-0243	LF	33mm Lining 84" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	3,342.73	
		For Vinlyester Resin, Add	*2,214.40*	
		For Epoxy Resin, Add	*260.98*	
		For Up To >10, Add	*2,119.62*	
		For >10 To 25, Add	*1,239.11*	
		For >25 To 50, Add	*901.64*	
		For >50 To 100, Add	*450.82*	
		For >500 To 1,000, Deduct	*-171.62*	
		For >1,000 To 2,000, Deduct	*-259.67*	
		For >2,000 To 5,000, Deduct	*-424.44*	
		For >5,000, Deduct	*-704.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0244	LF	33mm Lining 90" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	3,585.27	
		For Vinlyester Resin, Add	*2,375.06*	
		For Epoxy Resin, Add	*279.92*	
		For Up To >10, Add	*2,273.46*	
		For >10 To 25, Add	*1,329.06*	
		For >25 To 50, Add	*967.08*	
		For >50 To 100, Add	*483.54*	
		For >500 To 1,000, Deduct	*-184.07*	
		For >1,000 To 2,000, Deduct	*-278.51*	
		For >2,000 To 5,000, Deduct	*-455.24*	
		For >5,000, Deduct	*-755.52*	
33 01 30 72-0245	LF	33mm Lining 96" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	3,827.81	
		For Vinlyester Resin, Add	*2,535.72*	
		For Epoxy Resin, Add	*298.85*	
		For Up To >10, Add	*2,427.31*	
		For >10 To 25, Add	*1,419.01*	
		For >25 To 50, Add	*1,032.53*	
		For >50 To 100, Add	*516.27*	
		For >500 To 1,000, Deduct	*-196.52*	
		For >1,000 To 2,000, Deduct	*-297.35*	
		For >2,000 To 5,000, Deduct	*-486.03*	
		For >5,000, Deduct	*-806.63*	

33 01 30 72-0246 34.5mm Thick Lining Cured In-Place Pipe *(33 01 30 72-0015)*

33 01 30 72-0247	LF	34.5mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,079.78	
		For Vinlyester Resin, Add	*717.79*	
		For Epoxy Resin, Add	*84.60*	
		For Up To >10, Add	*675.79*	
		For >10 To 25, Add	*392.26*	
		For >25 To 50, Add	*286.62*	
		For >50 To 100, Add	*143.31*	
		For >500 To 1,000, Deduct	*-55.35*	
		For >1,000 To 2,000, Deduct	*-83.70*	
		For >2,000 To 5,000, Deduct	*-136.64*	
		For >5,000, Deduct	*-226.83*	
33 01 30 72-0248	LF	34.5mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,206.13	
		For Vinlyester Resin, Add	*801.77*	
		For Epoxy Resin, Add	*94.49*	
		For Up To >10, Add	*754.92*	
		For >10 To 25, Add	*438.20*	
		For >25 To 50, Add	*320.19*	
		For >50 To 100, Add	*160.09*	
		For >500 To 1,000, Deduct	*-61.83*	
		For >1,000 To 2,000, Deduct	*-93.50*	
		For >2,000 To 5,000, Deduct	*-152.63*	
		For >5,000, Deduct	*-253.37*	
33 01 30 72-0249	LF	34.5mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,458.82	
		For Vinlyester Resin, Add	*969.73*	
		For Epoxy Resin, Add	*114.29*	
		For Up To >10, Add	*913.14*	
		For >10 To 25, Add	*530.06*	
		For >25 To 50, Add	*387.30*	
		For >50 To 100, Add	*193.65*	
		For >500 To 1,000, Deduct	*-74.78*	
		For >1,000 To 2,000, Deduct	*-113.09*	
		For >2,000 To 5,000, Deduct	*-184.61*	
		For >5,000, Deduct	*-306.46*	
33 01 30 72-0250	LF	34.5mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,711.38	
		For Vinlyester Resin, Add	*1,137.69*	
		For Epoxy Resin, Add	*134.08*	
		For Up To >10, Add	*1,070.97*	
		For >10 To 25, Add	*621.59*	
		For >25 To 50, Add	*454.22*	
		For >50 To 100, Add	*227.11*	
		For >500 To 1,000, Deduct	*-87.72*	
		For >1,000 To 2,000, Deduct	*-132.66*	
		For >2,000 To 5,000, Deduct	*-216.56*	
		For >5,000, Deduct	*-359.50*	
33 01 30 72-0251	LF	34.5mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,964.08	
		For Vinlyester Resin, Add	*1,305.65*	
		For Epoxy Resin, Add	*153.88*	
		For Up To >10, Add	*1,229.22*	
		For >10 To 25, Add	*713.48*	
		For >25 To 50, Add	*521.35*	
		For >50 To 100, Add	*260.67*	
		For >500 To 1,000, Deduct	*-100.68*	
		For >1,000 To 2,000, Deduct	*-152.25*	
		For >2,000 To 5,000, Deduct	*-248.54*	
		For >5,000, Deduct	*-412.59*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0252	LF	34.5mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,216.65	
		For Vinlyester Resin, Add	*1,473.61*	
		For Epoxy Resin, Add	*173.68*	
		For Up To >10, Add	*1,387.05*	
		For >10 To 25, Add	*805.02*	
		For >25 To 50, Add	*588.27*	
		For >50 To 100, Add	*294.13*	
		For >500 To 1,000, Deduct	*-113.62*	
		For >1,000 To 2,000, Deduct	*-171.82*	
		For >2,000 To 5,000, Deduct	*-280.49*	
		For >5,000, Deduct	*-465.63*	
33 01 30 72-0253	LF	34.5mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,469.34	
		For Vinlyester Resin, Add	*1,641.57*	
		For Epoxy Resin, Add	*193.47*	
		For Up To >10, Add	*1,545.27*	
		For >10 To 25, Add	*896.88*	
		For >25 To 50, Add	*655.38*	
		For >50 To 100, Add	*327.69*	
		For >500 To 1,000, Deduct	*-126.57*	
		For >1,000 To 2,000, Deduct	*-191.41*	
		For >2,000 To 5,000, Deduct	*-312.47*	
		For >5,000, Deduct	*-518.72*	
33 01 30 72-0254	LF	34.5mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,728.84	
		For Vinlyester Resin, Add	*1,809.53*	
		For Epoxy Resin, Add	*213.27*	
		For Up To >10, Add	*1,723.92*	
		For >10 To 25, Add	*1,005.76*	
		For >25 To 50, Add	*732.71*	
		For >50 To 100, Add	*366.35*	
		For >500 To 1,000, Deduct	*-140.04*	
		For >1,000 To 2,000, Deduct	*-211.85*	
		For >2,000 To 5,000, Deduct	*-346.15*	
		For >5,000, Deduct	*-574.53*	
33 01 30 72-0255	LF	34.5mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,982.37	
		For Vinlyester Resin, Add	*1,977.49*	
		For Epoxy Resin, Add	*233.06*	
		For Up To >10, Add	*1,884.66*	
		For >10 To 25, Add	*1,099.72*	
		For >25 To 50, Add	*801.08*	
		For >50 To 100, Add	*400.54*	
		For >500 To 1,000, Deduct	*-153.05*	
		For >1,000 To 2,000, Deduct	*-231.55*	
		For >2,000 To 5,000, Deduct	*-378.35*	
		For >5,000, Deduct	*-627.95*	
33 01 30 72-0256	LF	34.5mm Lining 78" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	3,233.13	
		For Vinlyester Resin, Add	*2,145.44*	
		For Epoxy Resin, Add	*252.86*	
		For Up To >10, Add	*2,037.09*	
		For >10 To 25, Add	*1,186.76*	
		For >25 To 50, Add	*865.30*	
		For >50 To 100, Add	*432.65*	
		For >500 To 1,000, Deduct	*-165.86*	
		For >1,000 To 2,000, Deduct	*-250.90*	
		For >2,000 To 5,000, Deduct	*-409.84*	
		For >5,000, Deduct	*-680.27*	
33 01 30 72-0257	LF	34.5mm Lining 84" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	3,488.73	
		For Vinlyester Resin, Add	*2,313.40*	
		For Epoxy Resin, Add	*272.65*	
		For Up To >10, Add	*2,204.04*	
		For >10 To 25, Add	*1,285.89*	
		For >25 To 50, Add	*936.78*	
		For >50 To 100, Add	*468.39*	
		For >500 To 1,000, Deduct	*-179.03*	
		For >1,000 To 2,000, Deduct	*-270.85*	
		For >2,000 To 5,000, Deduct	*-442.55*	
		For >5,000, Deduct	*-734.52*	
33 01 30 72-0258	LF	34.5mm Lining 90" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	3,741.98	
		For Vinlyester Resin, Add	*2,481.36*	
		For Epoxy Resin, Add	*292.45*	
		For Up To >10, Add	*2,363.94*	
		For >10 To 25, Add	*1,379.15*	
		For >25 To 50, Add	*1,004.73*	
		For >50 To 100, Add	*502.37*	
		For >500 To 1,000, Deduct	*-192.03*	
		For >1,000 To 2,000, Deduct	*-290.51*	
		For >2,000 To 5,000, Deduct	*-474.67*	
		For >5,000, Deduct	*-787.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0259	LF	34.5mm Lining 96" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	3,995.24	
		For Vinlyester Resin, Add	*2,649.33*	
		For Epoxy Resin, Add	*312.24*	
		For Up To >10, Add	*2,523.85*	
		For >10 To 25, Add	*1,472.41*	
		For >25 To 50, Add	*1,072.69*	
		For >50 To 100, Add	*536.34*	
		For >500 To 1,000, Deduct	*-205.02*	
		For >1,000 To 2,000, Deduct	*-310.17*	
		For >2,000 To 5,000, Deduct	*-506.79*	
		For >5,000, Deduct	*-841.15*	

33 01 30 72-0260 36mm Thick Lining Cured In-Place Pipe *(33 01 30 72-0015)*

33 01 30 72-0261	LF	36mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,123.15	
		For Vinlyester Resin, Add	*747.28*	
		For Epoxy Resin, Add	*88.07*	
		For Up To >10, Add	*700.60*	
		For >10 To 25, Add	*405.91*	
		For >25 To 50, Add	*296.92*	
		For >50 To 100, Add	*148.46*	
		For >500 To 1,000, Deduct	*-57.55*	
		For >1,000 To 2,000, Deduct	*-87.02*	
		For >2,000 To 5,000, Deduct	*-142.01*	
		For >5,000, Deduct	*-235.75*	
33 01 30 72-0262	LF	36mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,254.84	
		For Vinlyester Resin, Add	*834.90*	
		For Epoxy Resin, Add	*98.40*	
		For Up To >10, Add	*782.72*	
		For >10 To 25, Add	*453.48*	
		For >25 To 50, Add	*331.72*	
		For >50 To 100, Add	*165.86*	
		For >500 To 1,000, Deduct	*-64.30*	
		For >1,000 To 2,000, Deduct	*-97.22*	
		For >2,000 To 5,000, Deduct	*-158.66*	
		For >5,000, Deduct	*-263.39*	
33 01 30 72-0263	LF	36mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,518.26	
		For Vinlyester Resin, Add	*1,010.17*	
		For Epoxy Resin, Add	*119.06*	
		For Up To >10, Add	*947.03*	
		For >10 To 25, Add	*548.68*	
		For >25 To 50, Add	*401.36*	
		For >50 To 100, Add	*200.68*	
		For >500 To 1,000, Deduct	*-77.79*	
		For >1,000 To 2,000, Deduct	*-117.63*	
		For >2,000 To 5,000, Deduct	*-191.96*	
		For >5,000, Deduct	*-318.68*	
33 01 30 72-0264	LF	36mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,781.67	
		For Vinlyester Resin, Add	*1,185.44*	
		For Epoxy Resin, Add	*139.71*	
		For Up To >10, Add	*1,111.31*	
		For >10 To 25, Add	*643.85*	
		For >25 To 50, Add	*470.98*	
		For >50 To 100, Add	*235.49*	
		For >500 To 1,000, Deduct	*-91.29*	
		For >1,000 To 2,000, Deduct	*-138.03*	
		For >2,000 To 5,000, Deduct	*-225.27*	
		For >5,000, Deduct	*-373.97*	
33 01 30 72-0265	LF	36mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,044.94	
		For Vinlyester Resin, Add	*1,360.70*	
		For Epoxy Resin, Add	*160.37*	
		For Up To >10, Add	*1,275.20*	
		For >10 To 25, Add	*738.69*	
		For >25 To 50, Add	*540.41*	
		For >50 To 100, Add	*270.20*	
		For >500 To 1,000, Deduct	*-104.77*	
		For >1,000 To 2,000, Deduct	*-158.43*	
		For >2,000 To 5,000, Deduct	*-258.53*	
		For >5,000, Deduct	*-429.21*	
33 01 30 72-0266	LF	36mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,308.34	
		For Vinlyester Resin, Add	*1,535.95*	
		For Epoxy Resin, Add	*181.02*	
		For Up To >10, Add	*1,439.47*	
		For >10 To 25, Add	*833.86*	
		For >25 To 50, Add	*610.02*	
		For >50 To 100, Add	*305.01*	
		For >500 To 1,000, Deduct	*-118.27*	
		For >1,000 To 2,000, Deduct	*-178.83*	
		For >2,000 To 5,000, Deduct	*-291.84*	
		For >5,000, Deduct	*-484.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0267	LF	36mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,571.75	
		For Vinlyester Resin, Add	*1,711.21*	
		For Epoxy Resin, Add	*201.68*	
		For Up To >10, Add	*1,603.78*	
		For >10 To 25, Add	*929.05*	
		For >25 To 50, Add	*679.66*	
		For >50 To 100, Add	*339.83*	
		For >500 To 1,000, Deduct	*-131.77*	
		For >1,000 To 2,000, Deduct	*-199.24*	
		For >2,000 To 5,000, Deduct	*-325.14*	
		For >5,000, Deduct	*-539.78*	
33 01 30 72-0268	LF	36mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,842.23	
		For Vinlyester Resin, Add	*1,886.48*	
		For Epoxy Resin, Add	*222.34*	
		For Up To >10, Add	*1,789.27*	
		For >10 To 25, Add	*1,041.89*	
		For >25 To 50, Add	*759.88*	
		For >50 To 100, Add	*379.94*	
		For >500 To 1,000, Deduct	*-145.79*	
		For >1,000 To 2,000, Deduct	*-220.53*	
		For >2,000 To 5,000, Deduct	*-360.21*	
		For >5,000, Deduct	*-597.90*	
33 01 30 72-0269	LF	36mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	3,106.34	
		For Vinlyester Resin, Add	*2,061.74*	
		For Epoxy Resin, Add	*242.99*	
		For Up To >10, Add	*1,955.67*	
		For >10 To 25, Add	*1,138.84*	
		For >25 To 50, Add	*830.57*	
		For >50 To 100, Add	*415.28*	
		For >500 To 1,000, Deduct	*-159.34*	
		For >1,000 To 2,000, Deduct	*-241.03*	
		For >2,000 To 5,000, Deduct	*-393.69*	
		For >5,000, Deduct	*-653.47*	
33 01 30 72-0270	LF	36mm Lining 78" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	3,365.71	
		For Vinlyester Resin, Add	*2,237.00*	
		For Epoxy Resin, Add	*263.65*	
		For Up To >10, Add	*2,107.86*	
		For >10 To 25, Add	*1,223.93*	
		For >25 To 50, Add	*894.14*	
		For >50 To 100, Add	*447.07*	
		For >500 To 1,000, Deduct	*-172.54*	
		For >1,000 To 2,000, Deduct	*-260.93*	
		For >2,000 To 5,000, Deduct	*-425.99*	
		For >5,000, Deduct	*-707.14*	
33 01 30 72-0271	LF	36mm Lining 84" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	3,634.40	
		For Vinlyester Resin, Add	*2,412.26*	
		For Epoxy Resin, Add	*284.30*	
		For Up To >10, Add	*2,287.98*	
		For >10 To 25, Add	*1,332.30*	
		For >25 To 50, Add	*971.68*	
		For >50 To 100, Add	*485.84*	
		For >500 To 1,000, Deduct	*-186.43*	
		For >1,000 To 2,000, Deduct	*-282.00*	
		For >2,000 To 5,000, Deduct	*-460.61*	
		For >5,000, Deduct	*-764.54*	
33 01 30 72-0272	LF	36mm Lining 90" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	3,898.50	
		For Vinlyester Resin, Add	*2,587.52*	
		For Epoxy Resin, Add	*304.96*	
		For Up To >10, Add	*2,454.35*	
		For >10 To 25, Add	*1,429.22*	
		For >25 To 50, Add	*1,042.35*	
		For >50 To 100, Add	*521.18*	
		For >500 To 1,000, Deduct	*-199.98*	
		For >1,000 To 2,000, Deduct	*-302.49*	
		For >2,000 To 5,000, Deduct	*-494.09*	
		For >5,000, Deduct	*-820.11*	
33 01 30 72-0273	LF	36mm Lining 96" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	4,162.60	
		For Vinlyester Resin, Add	*2,762.79*	
		For Epoxy Resin, Add	*325.61*	
		For Up To >10, Add	*2,620.70*	
		For >10 To 25, Add	*1,526.11*	
		For >25 To 50, Add	*1,113.01*	
		For >50 To 100, Add	*556.50*	
		For >500 To 1,000, Deduct	*-213.52*	
		For >1,000 To 2,000, Deduct	*-322.98*	
		For >2,000 To 5,000, Deduct	*-527.56*	
		For >5,000, Deduct	*-875.67*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0274	LF	36mm Lining 102" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	4,426.57	
		For Vinlyester Resin, Add	*2,938.05*	
		For Epoxy Resin, Add	*346.27*	
		For Up To >10, Add	*2,786.69*	
		For >10 To 25, Add	*1,622.70*	
		For >25 To 50, Add	*1,183.48*	
		For >50 To 100, Add	*591.74*	
		For >500 To 1,000, Deduct	*-227.06*	
		For >1,000 To 2,000, Deduct	*-343.46*	
		For >2,000 To 5,000, Deduct	*-561.01*	
		For >5,000, Deduct	*-931.19*	
33 01 30 72-0275	LF	36mm Lining 108" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	4,690.66	
		For Vinlyester Resin, Add	*3,113.31*	
		For Epoxy Resin, Add	*366.93*	
		For Up To >10, Add	*2,953.03*	
		For >10 To 25, Add	*1,719.60*	
		For >25 To 50, Add	*1,254.14*	
		For >50 To 100, Add	*627.07*	
		For >500 To 1,000, Deduct	*-240.61*	
		For >1,000 To 2,000, Deduct	*-363.95*	
		For >2,000 To 5,000, Deduct	*-594.48*	
		For >5,000, Deduct	*-986.75*	

33 01 30 72-0276 37.5mm Thick Lining Cured In-Place Pipe *(33 01 30 72-0015)*

33 01 30 72-0277	LF	37.5mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,303.22	
		For Vinlyester Resin, Add	*867.90*	
		For Epoxy Resin, Add	*102.29*	
		For Up To >10, Add	*810.04*	
		For >10 To 25, Add	*468.39*	
		For >25 To 50, Add	*343.03*	
		For >50 To 100, Add	*171.51*	
		For >500 To 1,000, Deduct	*-66.75*	
		For >1,000 To 2,000, Deduct	*-100.91*	
		For >2,000 To 5,000, Deduct	*-164.62*	
		For >5,000, Deduct	*-273.32*	
33 01 30 72-0278	LF	37.5mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,577.34	
		For Vinlyester Resin, Add	*1,050.46*	
		For Epoxy Resin, Add	*123.80*	
		For Up To >10, Add	*980.37*	
		For >10 To 25, Add	*566.87*	
		For >25 To 50, Add	*415.15*	
		For >50 To 100, Add	*207.58*	
		For >500 To 1,000, Deduct	*-80.78*	
		For >1,000 To 2,000, Deduct	*-122.13*	
		For >2,000 To 5,000, Deduct	*-199.25*	
		For >5,000, Deduct	*-330.80*	
33 01 30 72-0279	LF	37.5mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,851.47	
		For Vinlyester Resin, Add	*1,233.03*	
		For Epoxy Resin, Add	*145.32*	
		For Up To >10, Add	*1,150.74*	
		For >10 To 25, Add	*665.37*	
		For >25 To 50, Add	*487.29*	
		For >50 To 100, Add	*243.65*	
		For >500 To 1,000, Deduct	*-94.82*	
		For >1,000 To 2,000, Deduct	*-143.36*	
		For >2,000 To 5,000, Deduct	*-233.88*	
		For >5,000, Deduct	*-388.29*	
33 01 30 72-0280	LF	37.5mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,125.58	
		For Vinlyester Resin, Add	*1,415.59*	
		For Epoxy Resin, Add	*166.84*	
		For Up To >10, Add	*1,321.07*	
		For >10 To 25, Add	*763.84*	
		For >25 To 50, Add	*559.42*	
		For >50 To 100, Add	*279.71*	
		For >500 To 1,000, Deduct	*-108.86*	
		For >1,000 To 2,000, Deduct	*-164.58*	
		For >2,000 To 5,000, Deduct	*-268.50*	
		For >5,000, Deduct	*-445.78*	
33 01 30 72-0281	LF	37.5mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,399.70	
		For Vinlyester Resin, Add	*1,598.16*	
		For Epoxy Resin, Add	*188.35*	
		For Up To >10, Add	*1,491.40*	
		For >10 To 25, Add	*862.32*	
		For >25 To 50, Add	*631.55*	
		For >50 To 100, Add	*315.77*	
		For >500 To 1,000, Deduct	*-122.90*	
		For >1,000 To 2,000, Deduct	*-185.81*	
		For >2,000 To 5,000, Deduct	*-303.12*	
		For >5,000, Deduct	*-503.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0282	LF	37.5mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,673.82	
		For Vinlyester Resin, Add	*1,780.72*	
		For Epoxy Resin, Add	*209.87*	
		For Up To >10, Add	*1,661.74*	
		For >10 To 25, Add	*960.80*	
		For >25 To 50, Add	*703.67*	
		For >50 To 100, Add	*351.84*	
		For >500 To 1,000, Deduct	*-136.94*	
		For >1,000 To 2,000, Deduct	*-207.03*	
		For >2,000 To 5,000, Deduct	*-337.75*	
		For >5,000, Deduct	*-560.75*	
33 01 30 72-0283	LF	37.5mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,955.14	
		For Vinlyester Resin, Add	*1,963.28*	
		For Epoxy Resin, Add	*231.39*	
		For Up To >10, Add	*1,853.70*	
		For >10 To 25, Add	*1,077.30*	
		For >25 To 50, Add	*786.61*	
		For >50 To 100, Add	*393.31*	
		For >500 To 1,000, Deduct	*-151.52*	
		For >1,000 To 2,000, Deduct	*-229.16*	
		For >2,000 To 5,000, Deduct	*-374.18*	
		For >5,000, Deduct	*-621.12*	
33 01 30 72-0284	LF	37.5mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	3,229.95	
		For Vinlyester Resin, Add	*2,145.84*	
		For Epoxy Resin, Add	*252.90*	
		For Up To >10, Add	*2,026.13*	
		For >10 To 25, Add	*1,177.52*	
		For >25 To 50, Add	*859.79*	
		For >50 To 100, Add	*429.89*	
		For >500 To 1,000, Deduct	*-165.61*	
		For >1,000 To 2,000, Deduct	*-250.47*	
		For >2,000 To 5,000, Deduct	*-408.97*	
		For >5,000, Deduct	*-678.88*	
33 01 30 72-0285	LF	37.5mm Lining 78" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	3,502.40	
		For Vinlyester Resin, Add	*2,328.41*	
		For Epoxy Resin, Add	*274.42*	
		For Up To >10, Add	*2,191.45*	
		For >10 To 25, Add	*1,271.83*	
		For >25 To 50, Add	*929.41*	
		For >50 To 100, Add	*464.71*	
		For >500 To 1,000, Deduct	*-179.52*	
		For >1,000 To 2,000, Deduct	*-271.49*	
		For >2,000 To 5,000, Deduct	*-443.18*	
		For >5,000, Deduct	*-735.70*	
33 01 30 72-0286	LF	37.5mm Lining 84" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	3,779.57	
		For Vinlyester Resin, Add	*2,510.98*	
		For Epoxy Resin, Add	*295.94*	
		For Up To >10, Add	*2,370.94*	
		For >10 To 25, Add	*1,377.93*	
		For >25 To 50, Add	*1,006.11*	
		For >50 To 100, Add	*503.06*	
		For >500 To 1,000, Deduct	*-193.79*	
		For >1,000 To 2,000, Deduct	*-293.09*	
		For >2,000 To 5,000, Deduct	*-478.57*	
		For >5,000, Deduct	*-794.41*	
33 01 30 72-0287	LF	37.5mm Lining 90" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	4,054.38	
		For Vinlyester Resin, Add	*2,693.54*	
		For Epoxy Resin, Add	*317.45*	
		For Up To >10, Add	*2,543.37*	
		For >10 To 25, Add	*1,478.15*	
		For >25 To 50, Add	*1,079.29*	
		For >50 To 100, Add	*539.64*	
		For >500 To 1,000, Deduct	*-207.88*	
		For >1,000 To 2,000, Deduct	*-314.40*	
		For >2,000 To 5,000, Deduct	*-513.37*	
		For >5,000, Deduct	*-852.17*	
33 01 30 72-0288	LF	37.5mm Lining 96" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	4,329.06	
		For Vinlyester Resin, Add	*2,876.10*	
		For Epoxy Resin, Add	*338.97*	
		For Up To >10, Add	*2,715.38*	
		For >10 To 25, Add	*1,578.03*	
		For >25 To 50, Add	*1,152.25*	
		For >50 To 100, Add	*576.13*	
		For >500 To 1,000, Deduct	*-221.96*	
		For >1,000 To 2,000, Deduct	*-335.70*	
		For >2,000 To 5,000, Deduct	*-548.13*	
		For >5,000, Deduct	*-909.88*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0289	LF	37.5mm Lining 102" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	4,603.88	
		For Vinlyester Resin, Add	*3,058.67*	
		For Epoxy Resin, Add	*360.49*	
		For Up To >10, Add	*2,887.82*	
		For >10 To 25, Add	*1,678.26*	
		For >25 To 50, Add	*1,225.43*	
		For >50 To 100, Add	*612.72*	
		For >500 To 1,000, Deduct	*-236.05*	
		For >1,000 To 2,000, Deduct	*-357.01*	
		For >2,000 To 5,000, Deduct	*-582.93*	
		For >5,000, Deduct	*-967.65*	
33 01 30 72-0290	LF	37.5mm Lining 108" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	4,878.69	
		For Vinlyester Resin, Add	*3,241.23*	
		For Epoxy Resin, Add	*382.00*	
		For Up To >10, Add	*3,060.25*	
		For >10 To 25, Add	*1,778.48*	
		For >25 To 50, Add	*1,298.61*	
		For >50 To 100, Add	*649.30*	
		For >500 To 1,000, Deduct	*-250.14*	
		For >1,000 To 2,000, Deduct	*-378.32*	
		For >2,000 To 5,000, Deduct	*-617.73*	
		For >5,000, Deduct	*-1,025.41*	

33 01 30 72-0291 39mm Thick Lining Cured In-Place Pipe *(33 01 30 72-0015)*

33 01 30 72-0292	LF	39mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,636.23	
		For Vinlyester Resin, Add	*1,090.61*	
		For Epoxy Resin, Add	*128.54*	
		For Up To >10, Add	*1,013.64*	
		For >10 To 25, Add	*585.03*	
		For >25 To 50, Add	*428.92*	
		For >50 To 100, Add	*214.46*	
		For >500 To 1,000, Deduct	*-83.77*	
		For >1,000 To 2,000, Deduct	*-126.63*	
		For >2,000 To 5,000, Deduct	*-206.51*	
		For >5,000, Deduct	*-342.89*	
33 01 30 72-0293	LF	39mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,921.05	
		For Vinlyester Resin, Add	*1,280.48*	
		For Epoxy Resin, Add	*150.91*	
		For Up To >10, Add	*1,190.00*	
		For >10 To 25, Add	*686.79*	
		For >25 To 50, Add	*503.54*	
		For >50 To 100, Add	*251.77*	
		For >500 To 1,000, Deduct	*-98.35*	
		For >1,000 To 2,000, Deduct	*-148.67*	
		For >2,000 To 5,000, Deduct	*-242.46*	
		For >5,000, Deduct	*-402.57*	
33 01 30 72-0294	LF	39mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,205.89	
		For Vinlyester Resin, Add	*1,470.35*	
		For Epoxy Resin, Add	*173.29*	
		For Up To >10, Add	*1,366.42*	
		For >10 To 25, Add	*788.60*	
		For >25 To 50, Add	*578.19*	
		For >50 To 100, Add	*289.09*	
		For >500 To 1,000, Deduct	*-112.93*	
		For >1,000 To 2,000, Deduct	*-170.71*	
		For >2,000 To 5,000, Deduct	*-278.41*	
		For >5,000, Deduct	*-462.26*	
33 01 30 72-0295	LF	39mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,490.70	
		For Vinlyester Resin, Add	*1,660.21*	
		For Epoxy Resin, Add	*195.67*	
		For Up To >10, Add	*1,542.78*	
		For >10 To 25, Add	*890.36*	
		For >25 To 50, Add	*652.80*	
		For >50 To 100, Add	*326.40*	
		For >500 To 1,000, Deduct	*-127.51*	
		For >1,000 To 2,000, Deduct	*-192.75*	
		For >2,000 To 5,000, Deduct	*-314.35*	
		For >5,000, Deduct	*-521.93*	
33 01 30 72-0296	LF	39mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,775.68	
		For Vinlyester Resin, Add	*1,850.08*	
		For Epoxy Resin, Add	*218.05*	
		For Up To >10, Add	*1,719.62*	
		For >10 To 25, Add	*992.52*	
		For >25 To 50, Add	*727.66*	
		For >50 To 100, Add	*363.83*	
		For >500 To 1,000, Deduct	*-142.10*	
		For >1,000 To 2,000, Deduct	*-214.81*	
		For >2,000 To 5,000, Deduct	*-350.33*	
		For >5,000, Deduct	*-581.68*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0297	LF	39mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	3,067.71	
		For Vinlyester Resin, Add	*2,039.95*	
		For Epoxy Resin, Add	*240.42*	
		For Up To >10, Add	*1,917.61*	
		For >10 To 25, Add	*1,112.30*	
		For >25 To 50, Add	*813.09*	
		For >50 To 100, Add	*406.55*	
		For >500 To 1,000, Deduct	*-157.22*	
		For >1,000 To 2,000, Deduct	*-237.75*	
		For >2,000 To 5,000, Deduct	*-388.08*	
		For >5,000, Deduct	*-644.24*	
33 01 30 72-0298	LF	39mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	3,353.22	
		For Vinlyester Resin, Add	*2,229.81*	
		For Epoxy Resin, Add	*262.80*	
		For Up To >10, Add	*2,096.06*	
		For >10 To 25, Add	*1,215.81*	
		For >25 To 50, Add	*888.76*	
		For >50 To 100, Add	*444.38*	
		For >500 To 1,000, Deduct	*-171.86*	
		For >1,000 To 2,000, Deduct	*-259.88*	
		For >2,000 To 5,000, Deduct	*-424.20*	
		For >5,000, Deduct	*-704.20*	
33 01 30 72-0299	LF	39mm Lining 78" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	3,638.75	
		For Vinlyester Resin, Add	*2,419.68*	
		For Epoxy Resin, Add	*285.18*	
		For Up To >10, Add	*2,274.55*	
		For >10 To 25, Add	*1,319.35*	
		For >25 To 50, Add	*964.44*	
		For >50 To 100, Add	*482.22*	
		For >500 To 1,000, Deduct	*-186.49*	
		For >1,000 To 2,000, Deduct	*-282.01*	
		For >2,000 To 5,000, Deduct	*-460.32*	
		For >5,000, Deduct	*-764.16*	
33 01 30 72-0300	LF	39mm Lining 84" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	3,924.41	
		For Vinlyester Resin, Add	*2,609.54*	
		For Epoxy Resin, Add	*307.55*	
		For Up To >10, Add	*2,453.43*	
		For >10 To 25, Add	*1,423.21*	
		For >25 To 50, Add	*1,040.32*	
		For >50 To 100, Add	*520.16*	
		For >500 To 1,000, Deduct	*-201.13*	
		For >1,000 To 2,000, Deduct	*-304.16*	
		For >2,000 To 5,000, Deduct	*-496.47*	
		For >5,000, Deduct	*-824.18*	
33 01 30 72-0301	LF	39mm Lining 90" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	4,209.94	
		For Vinlyester Resin, Add	*2,799.41*	
		For Epoxy Resin, Add	*329.93*	
		For Up To >10, Add	*2,631.92*	
		For >10 To 25, Add	*1,526.74*	
		For >25 To 50, Add	*1,116.00*	
		For >50 To 100, Add	*558.00*	
		For >500 To 1,000, Deduct	*-215.77*	
		For >1,000 To 2,000, Deduct	*-326.28*	
		For >2,000 To 5,000, Deduct	*-532.59*	
		For >5,000, Deduct	*-884.14*	
33 01 30 72-0302	LF	39mm Lining 96" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	4,495.46	
		For Vinlyester Resin, Add	*2,989.28*	
		For Epoxy Resin, Add	*352.31*	
		For Up To >10, Add	*2,810.38*	
		For >10 To 25, Add	*1,630.25*	
		For >25 To 50, Add	*1,191.67*	
		For >50 To 100, Add	*595.84*	
		For >500 To 1,000, Deduct	*-230.40*	
		For >1,000 To 2,000, Deduct	*-348.41*	
		For >2,000 To 5,000, Deduct	*-568.71*	
		For >5,000, Deduct	*-944.10*	
33 01 30 72-0303	LF	39mm Lining 102" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	4,780.98	
		For Vinlyester Resin, Add	*3,179.15*	
		For Epoxy Resin, Add	*374.69*	
		For Up To >10, Add	*2,988.84*	
		For >10 To 25, Add	*1,733.76*	
		For >25 To 50, Add	*1,267.34*	
		For >50 To 100, Add	*633.67*	
		For >500 To 1,000, Deduct	*-245.03*	
		For >1,000 To 2,000, Deduct	*-370.54*	
		For >2,000 To 5,000, Deduct	*-604.83*	
		For >5,000, Deduct	*-1,004.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0304	LF	39mm Lining 108" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	5,066.50	
		For Vinlyester Resin, Add	*3,369.02*	
		For Epoxy Resin, Add	*397.06*	
		For Up To >10, Add	*3,167.30*	
		For >10 To 25, Add	*1,837.27*	
		For >25 To 50, Add	*1,343.01*	
		For >50 To 100, Add	*671.50*	
		For >500 To 1,000, Deduct	*-259.67*	
		For >1,000 To 2,000, Deduct	*-392.67*	
		For >2,000 To 5,000, Deduct	*-640.95*	
		For >5,000, Deduct	*-1,064.02*	
33 01 30 72-0305	LF	39mm Lining 114" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	5,352.02	
		For Vinlyester Resin, Add	*3,558.88*	
		For Epoxy Resin, Add	*419.44*	
		For Up To >10, Add	*3,345.79*	
		For >10 To 25, Add	*1,940.80*	
		For >25 To 50, Add	*1,418.69*	
		For >50 To 100, Add	*709.34*	
		For >500 To 1,000, Deduct	*-274.30*	
		For >1,000 To 2,000, Deduct	*-414.80*	
		For >2,000 To 5,000, Deduct	*-677.07*	
		For >5,000, Deduct	*-1,123.99*	
33 01 30 72-0306	LF	39mm Lining 120" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	5,637.54	
		For Vinlyester Resin, Add	*3,748.75*	
		For Epoxy Resin, Add	*441.82*	
		For Up To >10, Add	*3,524.25*	
		For >10 To 25, Add	*2,044.31*	
		For >25 To 50, Add	*1,494.36*	
		For >50 To 100, Add	*747.18*	
		For >500 To 1,000, Deduct	*-288.93*	
		For >1,000 To 2,000, Deduct	*-436.93*	
		For >2,000 To 5,000, Deduct	*-713.19*	
		For >5,000, Deduct	*-1,183.95*	

33 01 30 72-0307 40.5mm Thick Lining Cured In-Place Pipe *(33 01 30 72-0015)*

33 01 30 72-0308	LF	40.5mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,990.30	
		For Vinlyester Resin, Add	*1,327.79*	
		For Epoxy Resin, Add	*156.49*	
		For Up To >10, Add	*1,228.80*	
		For >10 To 25, Add	*707.86*	
		For >25 To 50, Add	*519.56*	
		For >50 To 100, Add	*259.78*	
		For >500 To 1,000, Deduct	*-101.85*	
		For >1,000 To 2,000, Deduct	*-153.95*	
		For >2,000 To 5,000, Deduct	*-250.99*	
		For >5,000, Deduct	*-416.75*	
33 01 30 72-0309	LF	40.5mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,285.84	
		For Vinlyester Resin, Add	*1,524.96*	
		For Epoxy Resin, Add	*179.73*	
		For Up To >10, Add	*1,411.25*	
		For >10 To 25, Add	*812.95*	
		For >25 To 50, Add	*596.70*	
		For >50 To 100, Add	*298.35*	
		For >500 To 1,000, Deduct	*-116.98*	
		For >1,000 To 2,000, Deduct	*-176.80*	
		For >2,000 To 5,000, Deduct	*-288.25*	
		For >5,000, Deduct	*-478.63*	
33 01 30 72-0310	LF	40.5mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,581.37	
		For Vinlyester Resin, Add	*1,722.13*	
		For Epoxy Resin, Add	*202.96*	
		For Up To >10, Add	*1,593.66*	
		For >10 To 25, Add	*918.02*	
		For >25 To 50, Add	*673.82*	
		For >50 To 100, Add	*336.91*	
		For >500 To 1,000, Deduct	*-132.10*	
		For >1,000 To 2,000, Deduct	*-199.66*	
		For >2,000 To 5,000, Deduct	*-325.52*	
		For >5,000, Deduct	*-540.51*	
33 01 30 72-0311	LF	40.5mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,876.91	
		For Vinlyester Resin, Add	*1,919.30*	
		For Epoxy Resin, Add	*226.20*	
		For Up To >10, Add	*1,776.11*	
		For >10 To 25, Add	*1,023.11*	
		For >25 To 50, Add	*750.96*	
		For >50 To 100, Add	*375.48*	
		For >500 To 1,000, Deduct	*-147.22*	
		For >1,000 To 2,000, Deduct	*-222.52*	
		For >2,000 To 5,000, Deduct	*-362.79*	
		For >5,000, Deduct	*-602.39*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0312	LF	40.5mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	3,179.94	
		For Vinlyester Resin, Add	*2,116.46*	
		For Epoxy Resin, Add	*249.44*	
		For Up To >10, Add	*1,981.02*	
		For >10 To 25, Add	*1,146.93*	
		For >25 To 50, Add	*839.33*	
		For >50 To 100, Add	*419.67*	
		For >500 To 1,000, Deduct	*-162.91*	
		For >1,000 To 2,000, Deduct	*-246.32*	
		For >2,000 To 5,000, Deduct	*-401.93*	
		For >5,000, Deduct	*-667.27*	
33 01 30 72-0313	LF	40.5mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	3,476.16	
		For Vinlyester Resin, Add	*2,313.63*	
		For Epoxy Resin, Add	*272.68*	
		For Up To >10, Add	*2,165.51*	
		For >10 To 25, Add	*1,253.72*	
		For >25 To 50, Add	*917.49*	
		For >50 To 100, Add	*458.75*	
		For >500 To 1,000, Deduct	*-178.08*	
		For >1,000 To 2,000, Deduct	*-269.26*	
		For >2,000 To 5,000, Deduct	*-439.37*	
		For >5,000, Deduct	*-729.43*	
33 01 30 72-0314	LF	40.5mm Lining 78" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	3,772.40	
		For Vinlyester Resin, Add	*2,510.80*	
		For Epoxy Resin, Add	*295.92*	
		For Up To >10, Add	*2,350.05*	
		For >10 To 25, Add	*1,360.57*	
		For >25 To 50, Add	*995.68*	
		For >50 To 100, Add	*497.84*	
		For >500 To 1,000, Deduct	*-193.26*	
		For >1,000 To 2,000, Deduct	*-292.21*	
		For >2,000 To 5,000, Deduct	*-476.81*	
		For >5,000, Deduct	*-791.59*	
33 01 30 72-0315	LF	40.5mm Lining 84" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	4,068.63	
		For Vinlyester Resin, Add	*2,707.97*	
		For Epoxy Resin, Add	*319.15*	
		For Up To >10, Add	*2,534.57*	
		For >10 To 25, Add	*1,467.38*	
		For >25 To 50, Add	*1,073.86*	
		For >50 To 100, Add	*536.93*	
		For >500 To 1,000, Deduct	*-208.43*	
		For >1,000 To 2,000, Deduct	*-315.15*	
		For >2,000 To 5,000, Deduct	*-514.25*	
		For >5,000, Deduct	*-853.75*	
33 01 30 72-0316	LF	40.5mm Lining 90" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	4,364.85	
		For Vinlyester Resin, Add	*2,905.14*	
		For Epoxy Resin, Add	*342.39*	
		For Up To >10, Add	*2,719.05*	
		For >10 To 25, Add	*1,574.18*	
		For >25 To 50, Add	*1,152.02*	
		For >50 To 100, Add	*576.01*	
		For >500 To 1,000, Deduct	*-223.61*	
		For >1,000 To 2,000, Deduct	*-338.10*	
		For >2,000 To 5,000, Deduct	*-551.69*	
		For >5,000, Deduct	*-915.90*	
33 01 30 72-0317	LF	40.5mm Lining 96" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	4,661.09	
		For Vinlyester Resin, Add	*3,102.31*	
		For Epoxy Resin, Add	*365.63*	
		For Up To >10, Add	*2,903.60*	
		For >10 To 25, Add	*1,681.02*	
		For >25 To 50, Add	*1,230.20*	
		For >50 To 100, Add	*615.10*	
		For >500 To 1,000, Deduct	*-238.79*	
		For >1,000 To 2,000, Deduct	*-361.04*	
		For >2,000 To 5,000, Deduct	*-589.13*	
		For >5,000, Deduct	*-978.06*	
33 01 30 72-0318	LF	40.5mm Lining 102" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	4,957.32	
		For Vinlyester Resin, Add	*3,299.48*	
		For Epoxy Resin, Add	*388.87*	
		For Up To >10, Add	*3,088.11*	
		For >10 To 25, Add	*1,787.84*	
		For >25 To 50, Add	*1,308.38*	
		For >50 To 100, Add	*654.19*	
		For >500 To 1,000, Deduct	*-253.96*	
		For >1,000 To 2,000, Deduct	*-383.99*	
		For >2,000 To 5,000, Deduct	*-626.57*	
		For >5,000, Deduct	*-1,040.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0319	LF	40.5mm Lining 108" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	5,253.54	
		For Vinlyester Resin, Add	*3,496.65*	
		For Epoxy Resin, Add	*412.10*	
		For Up To >10, Add	*3,272.60*	
		For >10 To 25, Add	*1,894.63*	
		For >25 To 50, Add	*1,386.54*	
		For >50 To 100, Add	*693.27*	
		For >500 To 1,000, Deduct	*-269.14*	
		For >1,000 To 2,000, Deduct	*-406.93*	
		For >2,000 To 5,000, Deduct	*-664.01*	
		For >5,000, Deduct	*-1,102.37*	
33 01 30 72-0320	LF	40.5mm Lining 114" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	5,549.78	
		For Vinlyester Resin, Add	*3,693.82*	
		For Epoxy Resin, Add	*435.34*	
		For Up To >10, Add	*3,457.14*	
		For >10 To 25, Add	*2,001.47*	
		For >25 To 50, Add	*1,464.73*	
		For >50 To 100, Add	*732.36*	
		For >500 To 1,000, Deduct	*-284.31*	
		For >1,000 To 2,000, Deduct	*-429.88*	
		For >2,000 To 5,000, Deduct	*-701.45*	
		For >5,000, Deduct	*-1,164.54*	
33 01 30 72-0321	LF	40.5mm Lining 120" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	5,846.02	
		For Vinlyester Resin, Add	*3,890.99*	
		For Epoxy Resin, Add	*458.58*	
		For Up To >10, Add	*3,641.66*	
		For >10 To 25, Add	*2,108.29*	
		For >25 To 50, Add	*1,542.90*	
		For >50 To 100, Add	*771.45*	
		For >500 To 1,000, Deduct	*-299.49*	
		For >1,000 To 2,000, Deduct	*-452.82*	
		For >2,000 To 5,000, Deduct	*-738.89*	
		For >5,000, Deduct	*-1,226.70*	

33 01 30 72-0322 42mm Thick Lining Cured In-Place Pipe *(33 01 30 72-0015)*

33 01 30 72-0323	LF	42mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,365.45	
		For Vinlyester Resin, Add	*1,579.42*	
		For Epoxy Resin, Add	*186.15*	
		For Up To >10, Add	*1,455.55*	
		For >10 To 25, Add	*836.91*	
		For >25 To 50, Add	*614.96*	
		For >50 To 100, Add	*307.48*	
		For >500 To 1,000, Deduct	*-121.00*	
		For >1,000 To 2,000, Deduct	*-182.87*	
		For >2,000 To 5,000, Deduct	*-298.04*	
		For >5,000, Deduct	*-494.92*	
33 01 30 72-0324	LF	42mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,671.70	
		For Vinlyester Resin, Add	*1,783.90*	
		For Epoxy Resin, Add	*210.25*	
		For Up To >10, Add	*1,644.03*	
		For >10 To 25, Add	*945.28*	
		For >25 To 50, Add	*694.59*	
		For >50 To 100, Add	*347.30*	
		For >500 To 1,000, Deduct	*-136.67*	
		For >1,000 To 2,000, Deduct	*-206.54*	
		For >2,000 To 5,000, Deduct	*-336.63*	
		For >5,000, Deduct	*-558.99*	
33 01 30 72-0325	LF	42mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,977.95	
		For Vinlyester Resin, Add	*1,988.37*	
		For Epoxy Resin, Add	*234.34*	
		For Up To >10, Add	*1,832.53*	
		For >10 To 25, Add	*1,053.68*	
		For >25 To 50, Add	*774.24*	
		For >50 To 100, Add	*387.12*	
		For >500 To 1,000, Deduct	*-152.33*	
		For >1,000 To 2,000, Deduct	*-230.22*	
		For >2,000 To 5,000, Deduct	*-375.22*	
		For >5,000, Deduct	*-623.07*	
33 01 30 72-0326	LF	42mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	3,291.82	
		For Vinlyester Resin, Add	*2,192.84*	
		For Epoxy Resin, Add	*258.44*	
		For Up To >10, Add	*2,043.89*	
		For >10 To 25, Add	*1,181.13*	
		For >25 To 50, Add	*865.31*	
		For >50 To 100, Add	*432.66*	
		For >500 To 1,000, Deduct	*-168.57*	
		For >1,000 To 2,000, Deduct	*-254.85*	
		For >2,000 To 5,000, Deduct	*-415.71*	
		For >5,000, Deduct	*-690.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0327	LF	42mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	3,598.75	
		For Vinlyester Resin, Add	*2,397.31*	
		For Epoxy Resin, Add	*282.54*	
		For Up To >10, Add	*2,234.43*	
		For >10 To 25, Add	*1,291.23*	
		For >25 To 50, Add	*945.98*	
		For >50 To 100, Add	*472.99*	
		For >500 To 1,000, Deduct	*-184.29*	
		For >1,000 To 2,000, Deduct	*-278.61*	
		For >2,000 To 5,000, Deduct	*-454.47*	
		For >5,000, Deduct	*-754.55*	
33 01 30 72-0328	LF	42mm Lining 78" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	3,905.69	
		For Vinlyester Resin, Add	*2,601.78*	
		For Epoxy Resin, Add	*306.64*	
		For Up To >10, Add	*2,425.00*	
		For >10 To 25, Add	*1,401.36*	
		For >25 To 50, Add	*1,026.66*	
		For >50 To 100, Add	*513.33*	
		For >500 To 1,000, Deduct	*-200.01*	
		For >1,000 To 2,000, Deduct	*-302.37*	
		For >2,000 To 5,000, Deduct	*-493.23*	
		For >5,000, Deduct	*-818.91*	
33 01 30 72-0329	LF	42mm Lining 84" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	4,212.65	
		For Vinlyester Resin, Add	*2,806.26*	
		For Epoxy Resin, Add	*330.74*	
		For Up To >10, Add	*2,615.60*	
		For >10 To 25, Add	*1,511.51*	
		For >25 To 50, Add	*1,107.35*	
		For >50 To 100, Add	*553.68*	
		For >500 To 1,000, Deduct	*-215.73*	
		For >1,000 To 2,000, Deduct	*-326.13*	
		For >2,000 To 5,000, Deduct	*-532.00*	
		For >5,000, Deduct	*-883.27*	
33 01 30 72-0330	LF	42mm Lining 90" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	4,519.58	
		For Vinlyester Resin, Add	*3,010.73*	
		For Epoxy Resin, Add	*354.84*	
		For Up To >10, Add	*2,806.14*	
		For >10 To 25, Add	*1,621.61*	
		For >25 To 50, Add	*1,188.02*	
		For >50 To 100, Add	*594.01*	
		For >500 To 1,000, Deduct	*-231.44*	
		For >1,000 To 2,000, Deduct	*-349.90*	
		For >2,000 To 5,000, Deduct	*-570.76*	
		For >5,000, Deduct	*-947.62*	
33 01 30 72-0331	LF	42mm Lining 96" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	4,826.52	
		For Vinlyester Resin, Add	*3,215.20*	
		For Epoxy Resin, Add	*378.93*	
		For Up To >10, Add	*2,996.71*	
		For >10 To 25, Add	*1,731.74*	
		For >25 To 50, Add	*1,268.70*	
		For >50 To 100, Add	*634.35*	
		For >500 To 1,000, Deduct	*-247.16*	
		For >1,000 To 2,000, Deduct	*-373.66*	
		For >2,000 To 5,000, Deduct	*-609.52*	
		For >5,000, Deduct	*-1,011.98*	
33 01 30 72-0332	LF	42mm Lining 102" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	5,133.45	
		For Vinlyester Resin, Add	*3,419.67*	
		For Epoxy Resin, Add	*403.03*	
		For Up To >10, Add	*3,187.25*	
		For >10 To 25, Add	*1,841.84*	
		For >25 To 50, Add	*1,349.36*	
		For >50 To 100, Add	*674.68*	
		For >500 To 1,000, Deduct	*-262.88*	
		For >1,000 To 2,000, Deduct	*-397.42*	
		For >2,000 To 5,000, Deduct	*-648.28*	
		For >5,000, Deduct	*-1,076.33*	
33 01 30 72-0333	LF	42mm Lining 108" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	5,440.40	
		For Vinlyester Resin, Add	*3,624.15*	
		For Epoxy Resin, Add	*427.13*	
		For Up To >10, Add	*3,377.83*	
		For >10 To 25, Add	*1,951.96*	
		For >25 To 50, Add	*1,430.05*	
		For >50 To 100, Add	*715.02*	
		For >500 To 1,000, Deduct	*-278.60*	
		For >1,000 To 2,000, Deduct	*-421.18*	
		For >2,000 To 5,000, Deduct	*-687.04*	
		For >5,000, Deduct	*-1,140.69*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0334	LF	42mm Lining 114" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	5,747.34	
		For Vinlyester Resin, Add	*3,828.62*	
		For Epoxy Resin, Add	*451.23*	
		For Up To >10, Add	*3,568.40*	
		For >10 To 25, Add	*2,062.09*	
		For >25 To 50, Add	*1,510.73*	
		For >50 To 100, Add	*755.36*	
		For >500 To 1,000, Deduct	*-294.31*	
		For >1,000 To 2,000, Deduct	*-444.95*	
		For >2,000 To 5,000, Deduct	*-725.81*	
		For >5,000, Deduct	*-1,205.05*	
33 01 30 72-0335	LF	42mm Lining 120" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	6,054.27	
		For Vinlyester Resin, Add	*4,033.09*	
		For Epoxy Resin, Add	*475.33*	
		For Up To >10, Add	*3,758.94*	
		For >10 To 25, Add	*2,172.19*	
		For >25 To 50, Add	*1,591.39*	
		For >50 To 100, Add	*795.70*	
		For >500 To 1,000, Deduct	*-310.03*	
		For >1,000 To 2,000, Deduct	*-468.71*	
		For >2,000 To 5,000, Deduct	*-764.57*	
		For >5,000, Deduct	*-1,269.40*	

33 01 30 74 Cured-in-Place Lateral Lining *(33 01 30)*

33 01 30 74-0001 Laterals; Cutting, Grouting And Reinstatement *(33 01 30 74)*

33 01 30 74-0002 Lateral Reinstatement/Reconnection *(33 01 30 74-0001)*

33 01 30 74-0003	EA	Cut Liner For Laterals, Up To 4" (Robotic)	553.10
33 01 30 74-0004	EA	Cut Liner For Laterals, 6" (Robotic)	597.95
33 01 30 74-0005	EA	Cut Liner For Laterals, 8" (Robotic)	635.32
33 01 30 74-0006	EA	Cut Liner For Laterals, 10" (Robotic)	672.69
33 01 30 74-0007	EA	Cut Liner For Laterals, 12" (Robotic)	710.06

33 01 30 74-0008 Grout Lateral Service *(33 01 30 74-0001)*

33 01 30 74-0009 Grout Lateral Service - Bladder *(33 01 30 74-0008)*

33 01 30 74-0010	EA	Grout Up To 4" Lateral Service - Bladder	586.36
33 01 30 74-0011	EA	Grout 6" Lateral Service - Bladder	673.19
33 01 30 74-0012	EA	Grout 8" Lateral Service - Bladder	760.04

33 01 30 74-0013 Grout Lateral Service - Robotic Trowel Application *(33 01 30 74-0008)*

33 01 30 74-0014	EA	Grout 3" To 6" Lateral Service - Robotic Trowel Application	638.81
33 01 30 74-0015	EA	Grout 8" To 12" Lateral Service - Robotic Trowel Application	691.25

33 01 30 74-0016 Lateral T-Liner *(33 01 30 74-0001)*

Note: As manufactured by LMK.

33 01 30 74-0017	EA	Up To 4" Lateral T-Liner	787.03
33 01 30 74-0018	EA	6" Lateral T-Liner	882.78
33 01 30 74-0019	EA	8" Lateral T-Liner	1,026.60

33 01 30 74-0020 Lining Lateral Pipe *(33 01 30 74-0001)*

33 01 30 74-0021 Lining Lateral Pipe *(33 01 30 74-0020)*

33 01 30 74-0022	LF	6mm Lining 3" Lateral Pipe With Cured In-Place Pipe (CIPP)	41.06	
		For 7.5mm, Add	*4.56*	
		For 9 mm, Add	*9.02*	
33 01 30 74-0023	LF	6mm Lining 4" Lateral Pipe With Cured In-Place Pipe (CIPP)	49.06	
		For 7.5mm, Add	*6.21*	
		For 9 mm, Add	*12.28*	
33 01 30 74-0024	LF	6mm Lining 6" Lateral Pipe With Cured In-Place Pipe (CIPP)	64.01	
		For 7.5mm, Add	*9.51*	
		For 9 mm, Add	*18.81*	

33 01 30 74-0025 Lining Manhole Drop *(33 01 30 74-0020)*

33 01 30 74-0026	EA	Manhole Drop Section Lining	875.17

33 01 30 81 Manhole Rehabilitation *(33 01 30)*

33 01 30 81-0001 Restoration And Rehabilitation Of Manholes *(33 01 30 81)*

Note: Work is in confined spaces.

33 01 30 81-0002 Manhole Joint Restoration *(33 01 30 81-0001)*

Note: Includes drilling holes at joints, fill joints with grout.

33 01 30 81-0003	EA	3' Diameter Joint Restoration, Grout Fill Per Each Manhole Note: Includes two (2) joints sections to be grouted and two (2) pipe connections.	2,418.11	
		For Grouting Each Additional Manhole Joint Section, Add		*236.54*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 81-0004	EA	3-1/2' Diameter Joint Restoration, Grout Fill Per Each Manhole Note: Includes two (2) joints sections to be grouted and two (2) pipe connections.	2,822.84	
		For Grouting Each Additional Manhole Joint Section, Add	*263.47*	
33 01 30 81-0005	EA	4' Diameter Joint Restoration, Grout Fill Per Each Manhole Note: Includes two (2) joints sections to be grouted and two (2) pipe connections.	3,224.14	
		For Grouting Each Additional Manhole Joint Section, Add	*290.39*	
33 01 30 81-0006	EA	5' Diameter Joint Restoration, Grout Fill Per Each Manhole Note: Includes two (2) joints sections to be grouted and two (2) pipe connections.	3,829.96	
		For Grouting Each Additional Manhole Joint Section, Add	*303.85*	
33 01 30 81-0007	EA	6' Diameter Joint Restoration, Grout Fill Per Each Manhole Note: Includes two (2) joints sections to be grouted and two (2) pipe connections.	4,434.08	
		For Grouting Each Additional Manhole Joint Section, Add	*317.32*	

33 01 70 Operation and Maintenance of Electrical Utilities *(33 01)*

33 01 70 51 Electrical Utility Visual Inspection *(33 01 70)*

33 01 70 51-0001 Video Camera Inspection Of Gas Piping and Electrical Duct *(33 01 70 51)*

33 01 70 51-0002 Video Camera Set-up *(33 01 70 51-0001)*

33 01 70 51-0003	EA	Up To 12" Diameter, Initial Set Up For Video Inspection, Gas Pipe Or Electrical Duct	284.15
33 01 70 51-0004	EA	>12" To 48" Diameter, Initial Set Up For Video Inspection, Gas Pipe	319.67
33 01 70 51-0005	EA	Up To 12" Diameter, Re-Set Up/Move For Video Inspection, Gas Pipe Or Electrical Duct	71.04
33 01 70 51-0006	EA	>12" To 48" Diameter, Re-Set Up/Move For Video Inspection, Gas Pipe	106.56

33 01 70 51-0007 Video Camera Inspection Of Gas Pipe Or Electrical Duct *(33 01 70 51-0001)*

33 01 70 51-0008	LF	Up To 12" Diameter, Video Inspection, Gas Pipe Or Electrical Duct	1.10
		For >1,000 To 5,000, Deduct	*-0.06*
		For >5,000, Deduct	*-0.11*
33 01 70 51-0009	LF	>12" To 48" Diameter, Video Inspection, Gas Pipe	1.69
		For >1,000 To 5,000, Deduct	*-0.08*
		For >5,000, Deduct	*-0.17*

33 01 70 72 Cured-in-Place Conduit Lining *(33 01 70)*

33 01 70 72-0001 Lining Conduit With Cured In-Place (CIP) Liner *(33 01 70 72)*

Note: Cured in-place thermosetting resin pipe and resin impregnated tube. Excludes video camera inspection and cleaning.

33 01 70 72-0002 2mm Thick Cured In-Place Conduit Lining *(33 01 70 72-0001)*

33 01 70 72-0003	LF	1-1/2" Conduit Lined With 2mm Thick Cured In-Place (CIP) Lining	7.73
		For Up To >10, Add	*14.94*
		For >10 To 25, Add	*11.90*
		For >25 To 50, Add	*7.31*
		For >50 To 100, Add	*3.65*
		For >500 To 1,000, Deduct	*-0.50*
		For >1,000 To 2,000, Deduct	*-0.80*
		For >2,000 To 5,000, Deduct	*-1.50*
		For >5,000, Deduct	*-2.43*
33 01 70 72-0004	LF	2" Conduit Lined With 2mm Thick Cured In-Place (CIP) Lining	9.44
		For Up To >10, Add	*17.20*
		For >10 To 25, Add	*13.59*
		For >25 To 50, Add	*8.38*
		For >50 To 100, Add	*4.19*
		For >500 To 1,000, Deduct	*-0.60*
		For >1,000 To 2,000, Deduct	*-0.96*
		For >2,000 To 5,000, Deduct	*-1.78*
		For >5,000, Deduct	*-2.89*
33 01 70 72-0005	LF	2-1/2" Conduit Lined With 2mm Thick Cured In-Place (CIP) Lining	11.85
		For Up To >10, Add	*21.53*
		For >10 To 25, Add	*17.00*
		For >25 To 50, Add	*10.48*
		For >50 To 100, Add	*5.24*
		For >500 To 1,000, Deduct	*-0.75*
		For >1,000 To 2,000, Deduct	*-1.20*
		For >2,000 To 5,000, Deduct	*-2.23*
		For >5,000, Deduct	*-3.62*
33 01 70 72-0006	LF	3" Conduit Lined With 2mm Thick Cured In-Place (CIP) Lining	13.98
		For Up To >10, Add	*25.02*
		For >10 To 25, Add	*19.72*
		For >25 To 50, Add	*12.17*
		For >50 To 100, Add	*6.08*
		For >500 To 1,000, Deduct	*-0.88*
		For >1,000 To 2,000, Deduct	*-1.41*
		For >2,000 To 5,000, Deduct	*-2.61*
		For >5,000, Deduct	*-4.24*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 70 72-0007	LF	3-1/2" Conduit Lined With 2mm Thick Cured In-Place (CIP) Lining	15.70	
		For Up To >10, Add	*27.28*	
		For >10 To 25, Add	*21.41*	
		For >25 To 50, Add	*13.24*	
		For >50 To 100, Add	*6.62*	
		For >500 To 1,000, Deduct	*-0.98*	
		For >1,000 To 2,000, Deduct	*-1.57*	
		For >2,000 To 5,000, Deduct	*-2.89*	
		For >5,000, Deduct	*-4.69*	
33 01 70 72-0008	LF	4" Conduit Lined With 2mm Thick Cured In-Place (CIP) Lining	17.68	
		For Up To >10, Add	*30.32*	
		For >10 To 25, Add	*23.75*	
		For >25 To 50, Add	*14.70*	
		For >50 To 100, Add	*7.35*	
		For >500 To 1,000, Deduct	*-1.10*	
		For >1,000 To 2,000, Deduct	*-1.76*	
		For >2,000 To 5,000, Deduct	*-3.24*	
		For >5,000, Deduct	*-5.25*	
33 01 70 72-0009	LF	5" Conduit Lined With 2mm Thick Cured In-Place (CIP) Lining	20.84	
		For Up To >10, Add	*34.00*	
		For >10 To 25, Add	*26.43*	
		For >25 To 50, Add	*16.43*	
		For >50 To 100, Add	*8.21*	
		For >500 To 1,000, Deduct	*-1.28*	
		For >1,000 To 2,000, Deduct	*-2.03*	
		For >2,000 To 5,000, Deduct	*-3.73*	
		For >5,000, Deduct	*-6.05*	
33 01 70 72-0010	LF	6" Conduit Lined With 2mm Thick Cured In-Place (CIP) Lining	23.99	
		For Up To >10, Add	*37.65*	
		For >10 To 25, Add	*29.08*	
		For >25 To 50, Add	*18.14*	
		For >50 To 100, Add	*9.07*	
		For >500 To 1,000, Deduct	*-1.46*	
		For >1,000 To 2,000, Deduct	*-2.31*	
		For >2,000 To 5,000, Deduct	*-4.21*	
		For >5,000, Deduct	*-6.85*	

33 01 70 72-0011 3mm Thick Cured In-Place Conduit Lining *(33 01 70 72-0001)*

33 01 70 72-0012	LF	1-1/2" Conduit Lined With 3mm Thick Cured In-Place (CIP) Lining	9.53	
		For Up To >10, Add	*16.57*	
		For >10 To 25, Add	*13.00*	
		For >25 To 50, Add	*8.04*	
		For >50 To 100, Add	*4.02*	
		For >500 To 1,000, Deduct	*-0.59*	
		For >1,000 To 2,000, Deduct	*-0.95*	
		For >2,000 To 5,000, Deduct	*-1.76*	
		For >5,000, Deduct	*-2.85*	
33 01 70 72-0013	LF	2" Conduit Lined With 3mm Thick Cured In-Place (CIP) Lining	12.37	
		For Up To >10, Add	*20.76*	
		For >10 To 25, Add	*16.21*	
		For >25 To 50, Add	*10.05*	
		For >50 To 100, Add	*5.03*	
		For >500 To 1,000, Deduct	*-0.76*	
		For >1,000 To 2,000, Deduct	*-1.22*	
		For >2,000 To 5,000, Deduct	*-2.24*	
		For >5,000, Deduct	*-3.64*	
33 01 70 72-0014	LF	2-1/2" Conduit Lined With 3mm Thick Cured In-Place (CIP) Lining	15.22	
		For Up To >10, Add	*24.96*	
		For >10 To 25, Add	*19.42*	
		For >25 To 50, Add	*12.07*	
		For >50 To 100, Add	*6.03*	
		For >500 To 1,000, Deduct	*-0.93*	
		For >1,000 To 2,000, Deduct	*-1.49*	
		For >2,000 To 5,000, Deduct	*-2.73*	
		For >5,000, Deduct	*-4.43*	
33 01 70 72-0015	LF	3" Conduit Lined With 3mm Thick Cured In-Place (CIP) Lining	17.79	
		For Up To >10, Add	*28.32*	
		For >10 To 25, Add	*21.93*	
		For >25 To 50, Add	*13.66*	
		For >50 To 100, Add	*6.83*	
		For >500 To 1,000, Deduct	*-1.08*	
		For >1,000 To 2,000, Deduct	*-1.72*	
		For >2,000 To 5,000, Deduct	*-3.14*	
		For >5,000, Deduct	*-5.11*	
33 01 70 72-0016	LF	3-1/2" Conduit Lined With 3mm Thick Cured In-Place (CIP) Lining	20.22	
		For Up To >10, Add	*31.26*	
		For >10 To 25, Add	*24.09*	
		For >25 To 50, Add	*15.04*	
		For >50 To 100, Add	*7.52*	
		For >500 To 1,000, Deduct	*-1.22*	
		For >1,000 To 2,000, Deduct	*-1.94*	
		For >2,000 To 5,000, Deduct	*-3.53*	
		For >5,000, Deduct	*-5.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 70 72-0017	LF	4" Conduit Lined With 3mm Thick Cured In-Place (CIP) Lining	22.79	
		For Up To >10, Add	*34.62*	
		For >10 To 25, Add	*26.60*	
		For >25 To 50, Add	*16.64*	
		For >50 To 100, Add	*8.32*	
		For >500 To 1,000, Deduct	*-1.37*	
		For >1,000 To 2,000, Deduct	*-2.17*	
		For >2,000 To 5,000, Deduct	*-3.94*	
		For >5,000, Deduct	*-6.42*	
33 01 70 72-0018	LF	5" Conduit Lined With 3mm Thick Cured In-Place (CIP) Lining	27.80	
		For Up To >10, Add	*40.95*	
		For >10 To 25, Add	*31.30*	
		For >25 To 50, Add	*19.63*	
		For >50 To 100, Add	*9.81*	
		For >500 To 1,000, Deduct	*-1.66*	
		For >1,000 To 2,000, Deduct	*-2.63*	
		For >2,000 To 5,000, Deduct	*-4.74*	
		For >5,000, Deduct	*-7.72*	
33 01 70 72-0019	LF	6" Conduit Lined With 3mm Thick Cured In-Place (CIP) Lining	32.38	
		For Up To >10, Add	*46.02*	
		For >10 To 25, Add	*34.94*	
		For >25 To 50, Add	*21.99*	
		For >50 To 100, Add	*10.99*	
		For >500 To 1,000, Deduct	*-1.92*	
		For >1,000 To 2,000, Deduct	*-3.03*	
		For >2,000 To 5,000, Deduct	*-5.44*	
		For >5,000, Deduct	*-8.86*	

33 05 Common Work Results for Utilities *(33)*

33 05 07 Trenchless Installation of Utility Piping *(33 05)*

33 05 07 13 Utility Directional Drilling *(33 05 07)*

33 05 07 13-0001 Horizontal Augering *(33 05 07 13)*

Note: Excludes starting or receiving pits, dewatering, cost of casing pipe or spoils removal. See CSI section 33 05 07 24-0001 for casing pipe.

33 05 07 13-0002	LF	Up To 2" Diameter Horizontal Hand Augering	31.20
33 05 07 13-0003	LF	3" Diameter Horizontal Hand Augering	37.65
33 05 07 13-0004	LF	4" Diameter Horizontal Hand Augering	51.64
33 05 07 13-0005	LF	6" Diameter Horizontal Hand Augering	66.70
33 05 07 13-0006	LF	8" Diameter Horizontal Augering	111.53
33 05 07 13-0007	LF	10" Diameter Horizontal Augering	162.71
33 05 07 13-0008	LF	12" Diameter Horizontal Augering	195.51
33 05 07 13-0009	LF	16" Diameter Horizontal Augering	233.57
33 05 07 13-0010	LF	20" Diameter Horizontal Augering	404.15
33 05 07 13-0011	LF	24" Diameter Horizontal Augering	496.74
33 05 07 13-0012	LF	30" Diameter Horizontal Augering	612.69
33 05 07 13-0013	LF	36" Diameter Horizontal Augering	700.01
33 05 07 13-0014	LF	42" Diameter Horizontal Augering	849.69
33 05 07 13-0015	LF	48" Diameter Horizontal Augering	915.55
33 05 07 13-0016	LF	54" Diameter Horizontal Augering	995.70
33 05 07 13-0017	LF	60" Diameter Horizontal Augering	1,043.88
33 05 07 13-0018	EA	8" To 20" Horizontal Augering Minimum Set-up Charge Note: For projects where the total horizontal augering charge is less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	4,723.83
33 05 07 13-0019	EA	>20" To 36" Horizontal Augering Minimum Set-up Charge Note: For projects where the total horizontal augering charge is less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	6,298.67
33 05 07 13-0020	EA	>36" Horizontal Augering Minimum Set-up Charge Note: For projects where the total horizontal augering charge is less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	8,674.00

33 05 07 13-0021 Horizontal Directional Boring *(33 05 07 13)*

Note: Excludes receiving pits or dewatering or cost of casing pipe. See CSI section 33 05 07 24-0001 for casing pipe.

33 05 07 13-0022	LF	Up To 1-1/2" Diameter Directional Boring For Horizontal Pipe, Underground	15.50
		For Horizontal Boring Through Rock, Add	*10.85*
33 05 07 13-0023	LF	2" Diameter Directional Boring For Horizontal Pipe, Underground	23.26
		For Horizontal Boring Through Rock, Add	*16.28*
33 05 07 13-0024	LF	2-1/2" Diameter Directional Boring For Horizontal Pipe, Underground	32.30
		For Horizontal Boring Through Rock, Add	*22.61*
33 05 07 13-0025	LF	3" Diameter Directional Boring For Horizontal Pipe, Underground	40.06
		For Horizontal Boring Through Rock, Add	*28.04*
33 05 07 13-0026	LF	4" Diameter Directional Boring For Horizontal Pipe, Underground	47.80
		For Horizontal Boring Through Rock, Add	*33.46*
33 05 07 13-0027	LF	5" Diameter Directional Boring For Horizontal Pipe, Underground	55.56
		For Horizontal Boring Through Rock, Add	*38.89*
33 05 07 13-0028	LF	6" Diameter Directional Boring For Horizontal Pipe, Underground	64.60
		For Horizontal Boring Through Rock, Add	*45.22*
33 05 07 13-0029	LF	8" Diameter Directional Boring For Horizontal Pipe, Underground	78.73
		For Horizontal Boring Through Rock, Add	*55.11*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 07 13-0030	LF	10" Diameter Directional Boring For Horizontal Pipe, Underground	85.29	
		For Horizontal Boring Through Rock, Add	*59.70*	
33 05 07 13-0031	LF	12" Diameter Directional Boring For Horizontal Pipe, Underground	91.85	
		For Horizontal Boring Through Rock, Add	*64.30*	
33 05 07 13-0032	LF	18" Diameter Directional Boring For Horizontal Pipe, Underground	190.27	
		For Horizontal Boring Through Rock, Add	*133.19*	
33 05 07 13-0033	LF	24" Diameter Directional Boring For Horizontal Pipe, Underground	293.46	
		For Horizontal Boring Through Rock, Add	*205.42*	
33 05 07 13-0034	LF	30" Diameter Directional Boring For Horizontal Pipe, Underground	447.35	
		For Horizontal Boring Through Rock, Add	*313.15*	
33 05 07 13-0035	LF	36" Diameter Directional Boring For Horizontal Pipe, Underground	715.75	
		For Horizontal Boring Through Rock, Add	*501.03*	
33 05 07 13-0036	EA	Up To 6" Horizontal Directional Boring Minimum Set-up Charge Note: For projects where the total horizontal directional boring charge is less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	4,134.67	
33 05 07 13-0037	EA	>6" To 18" Horizontal Directional Boring Minimum Set-up Charge Note: For projects where the total horizontal directional boring charge is less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	4,723.83	
33 05 07 13-0038	EA	>18" To 36" Horizontal Directional Boring Minimum Set-up Charge Note: For projects where the total horizontal directional boring charge is less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	6,298.67	

33 05 07 23 Utility Boring and Jacking *(33 05 07)*

33 05 07 23-0001 Horizontal Jacking *(33 05 07 23)*

Note: Includes cost of steel casing pipe, excludes dewatering and excavation for jacking pit or receiving pit.

33 05 07 23-0002	LF	Up To 2" Diameter Horizontal Jacking	95.61	
		For Horizontal Jacking Through Rock, Add	*32.61*	
33 05 07 23-0003	LF	3" Diameter Horizontal Jacking	114.16	
		For Horizontal Jacking Through Rock, Add	*39.35*	
33 05 07 23-0004	LF	4" Diameter Horizontal Jacking	152.87	
		For Horizontal Jacking Through Rock, Add	*53.97*	
33 05 07 23-0005	LF	6" Diameter Horizontal Jacking	197.64	
		For Horizontal Jacking Through Rock, Add	*69.71*	
33 05 07 23-0006	LF	8" Diameter Horizontal Jacking	265.76	
		For Horizontal Jacking Through Rock, Add	*95.56*	
33 05 07 23-0007	LF	10" Diameter Horizontal Jacking	390.82	
		For Horizontal Jacking Through Rock, Add	*139.42*	
33 05 07 23-0008	LF	12" Diameter Horizontal Jacking	471.10	
		For Horizontal Jacking Through Rock, Add	*167.54*	
33 05 07 23-0009	LF	16" Diameter Horizontal Jacking	562.26	
		For Horizontal Jacking Through Rock, Add	*200.15*	
33 05 07 23-0010	LF	20" Diameter Horizontal Jacking	812.78	
		For Horizontal Jacking Through Rock, Add	*347.44*	
33 05 07 23-0011	LF	24" Diameter Horizontal Jacking	1,671.26	
		For Horizontal Jacking Through Rock, Add	*389.92*	
33 05 07 23-0012	LF	30" Diameter Horizontal Jacking	1,891.18	
		For Horizontal Jacking Through Rock, Add	*481.47*	
33 05 07 23-0013	LF	36" Diameter Horizontal Jacking	2,123.54	
		For Horizontal Jacking Through Rock, Add	*550.52*	
33 05 07 23-0014	LF	42" Diameter Horizontal Jacking	2,275.49	
		For Horizontal Jacking Through Rock, Add	*594.49*	
33 05 07 23-0015	LF	48" Diameter Horizontal Jacking	2,474.99	
		For Horizontal Jacking Through Rock, Add	*640.55*	
33 05 07 23-0016	LF	54" Diameter Horizontal Jacking	2,622.25	
		For Horizontal Jacking Through Rock, Add	*697.12*	
33 05 07 23-0017	EA	Up To 6" Horizontal Jacking Minimum Set-up Charge Note: For projects where the total horizontal jacking charge is less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	4,134.67	
33 05 07 23-0018	EA	>6" To 20" Horizontal Jacking Minimum Set-up Charge Note: For projects where the total horizontal jacking charge is less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	4,723.83	
33 05 07 23-0019	EA	>20" To 36" Horizontal Jacking Minimum Set-up Charge Note: For projects where the total horizontal jacking charge is less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	6,298.67	
33 05 07 23-0020	EA	>36" Horizontal Jacking Minimum Set-up Charge Note: For projects where the total horizontal jacking charge is less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	8,674.00	

33 05 07 24 Casing Piping for Utility Jacking *(33 05 07)*

33 05 07 24-0001 Casing Pipe *(33 05 07 24)*

Note: Casing pipe is pulled back from hook on boring auger through slurry. Costs are installed costs. Excludes boring.

33 05 07 24-0002 Steel Pipe *(33 05 07 24-0001)*

33 05 07 24-0003	LF	1-1/2" Steel Pipe Pull In Place By Boring Machine Note: Includes pipe welding.	40.76	
33 05 07 24-0004	LF	2" Steel Pipe Pull In Place By Boring Machine Note: Includes pipe welding.	43.03	
33 05 07 24-0005	LF	2-1/2" Steel Pipe Pull In Place By Boring Machine Note: Includes pipe welding.	46.71	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 07 24-0006	LF	3" Steel Pipe Pull In Place By Boring Machine Note: Includes pipe welding.	50.46	
33 05 07 24-0007	LF	4" Steel Pipe Pull In Place By Boring Machine Note: Includes pipe welding.	65.00	
33 05 07 24-0008	LF	5" Steel Pipe Pull In Place By Boring Machine Note: Includes pipe welding.	74.10	
33 05 07 24-0009	LF	6" Steel Pipe Pull In Place By Boring Machine Note: Includes pipe welding.	83.15	
33 05 07 24-0010		Polyethylene Pipe *(33 05 07 24-0001)*		
33 05 07 24-0011	LF	3/4" Polyethylene Pipe Pull In Place By Boring Machine Note: Includes pipe welding.	8.68	
33 05 07 24-0012	LF	1" Polyethylene Pipe Pull In Place By Boring Machine Note: Includes pipe welding.	9.43	
33 05 07 24-0013	LF	1-1/4" Polyethylene Pipe Pull In Place By Boring Machine Note: Includes pipe welding.	10.22	
33 05 07 24-0014	LF	1-1/2" Polyethylene Pipe Pull In Place By Boring Machine Note: Includes pipe welding.	10.92	
33 05 07 24-0015	LF	2" Polyethylene Pipe Pull In Place By Boring Machine Note: Includes pipe welding.	11.69	
33 05 07 24-0016	LF	2-1/2" Polyethylene Pipe Pull In Place By Boring Machine Note: Includes pipe welding.	12.58	
33 05 07 24-0017	LF	3" Polyethylene Pipe Pull In Place By Boring Machine Note: Includes pipe welding.	13.50	
33 05 07 24-0018	LF	4" Polyethylene Pipe Pull In Place By Boring Machine Note: Includes pipe welding.	16.77	
33 05 07 24-0019	LF	5" Polyethylene Pipe Pull In Place By Boring Machine Note: Includes pipe welding.	18.78	
33 05 07 24-0020	LF	6" Polyethylene Pipe Pull In Place By Boring Machine Note: Includes pipe welding.	20.80	
33 05 07 24-0021	LF	8" Polyethylene Pipe Pull In Place By Boring Machine Note: Includes pipe welding.	27.83	
33 05 07 24-0022	LF	10" Polyethylene Pipe Pull In Place By Boring Machine Note: Includes pipe welding.	38.89	

33 05 09 Piping Specials for Utilities *(33 05)*

33 05 09 23 Adapters for Utility Piping *(33 05 09)*

See CSI section 33 14 13 53-0222 for ductile iron body adapters, 33 14 13 53-0229 for steel body adapters.

33 05 09 33 Thrust Restraint for Utility Piping *(33 05 09)*

See CSI section 33 14 13 13-0371 for mechanical restraints, 33 14 13 13-0402 for flanged restraints, 33 14 13 13-0809 for slip-on restraints, 33 14 13 13-0820 for slip-on restraint harnesses.

33 05 16 Cast-Iron Utility Pipe *(33 05)*

See CSI section 22 13 16 00-0019 for cast iron utility piping.

33 05 17 Copper Utility Pipe and Tubing *(33 05)*

See CSI section 33 14 13 39-0000 for copper utility piping.

33 05 19 Ductile-Iron Utility Pipe *(33 05)*

See CSI section 33 14 13 13-0000 for ductile iron utility piping.

33 05 24 Steel Utility Pipe *(33 05)*

33 05 24 23 Steel Pipe for Water Service *(33 05 24)*

See CSI section 33 14 13 26-0000 for galvanized steel utility piping, 33 14 13 36-0000 for steel utility piping.

33 05 27 Corrugated Metal Utility Pipe *(33 05)*

33 05 27 13 Corrugated Metal Culvert Pipe *(33 05 27)*

See CSI section 33 42 11 00-0387 for corrugated metal culvert pipe.

33 05 27 23 Corrugated Metal Slotted Pipe *(33 05 27)*

See CSI section 33 41 16 13-0084 for corrugated metal slotted pipe.

33 05 27 33 Corrugated Metal Culvert Arch Pipe *(33 05 27)*

See CSI section 33 42 11 00-0731 for corrugated metal culvert arch pipe.

33 05 31 Thermoplastic Utility Pipe *(33 05)*

33 05 31 11 Polyvinyl Chloride Gravity Sewer Pipe *(33 05 31)*

See CSI section 33 31 11 00-0000 for polyvinyl chloride gravity sewer pipe.

33 05 31 13 Polyvinyl Chloride Pressure Pipe *(33 05 31)*

See CSI section 33 14 13 23-0001 for polyvinyl chloride pressure pipe.

33 05 31 16 Polyvinyl Chloride Pressure Pipe for Water Transmission and Distribution (AWWA C900 and AWWA C905) *(33 05 31)*

See CSI section 33 14 13 23-0171 for AWWA C900 and 905 polyvinyl chloride pressure pipe.

33 05 33 Polyethylene Utility Pipe *(33 05)*

33 05 33 13 Corrugated-Wall, Smooth Interior HDPE Gravity Pipe *(33 05 33)*

See CSI section 33 42 11 00-0159 for corrugated-wall smooth interior HDPE gravity pipe.

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

33 05 33 23 Polyethylene Pressure Pipe and Tubing (AWWA C901 and AWWA C906) *(33 05 33)*

See CSI section 33 14 13 23-0426 for AWWA C906 high density polyethylene pipe.

33 05 33 33 Corrugated, Perforated HDPE Drainage Pipe *(33 05 33)*

See CSI section 33 42 11 00-0181 for corrugated perforated HDPE drainage pipe.

33 05 33 36 Corrugated, Non-Perforated HDPE Drainage Pipe *(33 05 33)*

See CSI section 33 41 16 13-0002 for corrugated non-perforated HDPE drainage pipe.

33 05 33 53 HDPE Gas Utility Pipe *(33 05 33)*

See CSI section 33 52 16 26-0001 for high-density polyethylene gas utility pipe.

33 05 33 56 Medium-Density Polyethylene Gas Utility Pipe *(33 05 33)*

See CSI section 33 52 16 23-0000 for Medium-Density Polyethylene Gas Utility Pipe.

33 05 33 63 HDPE Communication Duct *(33 05 33)*

33 05 33 63-0001 ASTM F2160, UL 651-A, NEMA TC-7, Smoothwall HDPE Conduit, Pulled In Place By Boring Machine *(33 05 33 63)*

Note: Excludes boring.

33 05 33 63-0002	LF	1" Schedule 40, ASTM F2160, UL 651-A, NEMA TC-7, Smoothwall HDPE Conduit, Pulled In Place By Boring Machine	3.79	
		For Up To 250, Add	*0.12*	
		For >250 To 500, Add	*0.08*	
33 05 33 63-0003	LF	1-1/4" Schedule 40, ASTM F2160, UL 651-A, NEMA TC-7, Smoothwall HDPE Conduit, Pulled In Place By Boring Machine	4.26	
		For Up To 250, Add	*0.15*	
		For >250 To 500, Add	*0.10*	
33 05 33 63-0004	LF	1-1/2" Schedule 40, ASTM F2160, UL 651-A, NEMA TC-7, Smoothwall HDPE Conduit, Pulled In Place By Boring Machine	4.62	
		For Up To 250, Add	*0.17*	
		For >250 To 500, Add	*0.11*	
33 05 33 63-0005	LF	2" Schedule 40, ASTM F2160, UL 651-A, NEMA TC-7, Smoothwall HDPE Conduit, Pulled In Place By Boring Machine	5.08	
		For Up To 250, Add	*0.20*	
		For >250 To 500, Add	*0.14*	
33 05 33 63-0006	LF	3" Schedule 40, ASTM F2160, UL 651-A, NEMA TC-7, Smoothwall HDPE Conduit, Pulled In Place By Boring Machine	6.86	
		For Up To 250, Add	*0.43*	
		For >250 To 500, Add	*0.28*	
33 05 33 63-0007	LF	4" Schedule 40, ASTM F2160, UL 651-A, NEMA TC-7, Smoothwall HDPE Conduit, Pulled In Place By Boring Machine	8.69	
		For Up To 250, Add	*0.65*	
		For >250 To 500, Add	*0.43*	
33 05 33 63-0008	LF	1" Schedule 80, ASTM F2160, UL 651-A, NEMA TC-7, Smoothwall HDPE Conduit, Pulled In Place By Boring Machine	3.88	
		For Up To 250, Add	*0.14*	
		For >250 To 500, Add	*0.09*	
33 05 33 63-0009	LF	1-1/4" Schedule 80, ASTM F2160, UL 651-A, NEMA TC-7, Smoothwall HDPE Conduit, Pulled In Place By Boring Machine	4.42	
		For Up To 250, Add	*0.17*	
		For >250 To 500, Add	*0.12*	
33 05 33 63-0010	LF	1-1/2" Schedule 80, ASTM F2160, UL 651-A, NEMA TC-7, Smoothwall HDPE Conduit, Pulled In Place By Boring Machine	4.75	
		For Up To 250, Add	*0.19*	
		For >250 To 500, Add	*0.13*	
33 05 33 63-0011	LF	2" Schedule 80, ASTM F2160, UL 651-A, NEMA TC-7, Smoothwall HDPE Conduit, Pulled In Place By Boring Machine	5.41	
		For Up To 250, Add	*0.25*	
		For >250 To 500, Add	*0.17*	
33 05 33 63-0012	LF	3" Schedule 80, ASTM F2160, UL 651-A, NEMA TC-7, Smoothwall HDPE Conduit, Pulled In Place By Boring Machine	7.58	
		For Up To 250, Add	*0.53*	
		For >250 To 500, Add	*0.36*	
33 05 33 63-0013	LF	4" Schedule 80, ASTM F2160, UL 651-A, NEMA TC-7, Smoothwall HDPE Conduit, Pulled In Place By Boring Machine	9.60	
		For Up To 250, Add	*0.79*	
		For >250 To 500, Add	*0.52*	

33 05 39 Concrete Pipe *(33 05)*

33 05 39 13 Prestressed Concrete Pressure Pipe, Steel-Cylinder Type (AWWA C301) *(33 05 39)*

See CSI section 33 42 11 00-0054 for prestressed concrete pressure pipe.

33 05 39 41 Reinforced Concrete Pipe for Sewers and Culverts *(33 05 39)*

See CSI section 33 42 11 00-0001 for reinforced concrete pipe.

33 05 41 Vitrified Clay Utility Pipe *(33 05)*

See CSI section 33 42 11 00-0285 for vitrified clay piping.

33 05 61 Concrete Manholes *(33 05)*

33 05 61 00-0001 Manholes *(33 05 61)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 61 00-0002		**Precast Concrete Manholes** *(33 05 61 00-0001)* Note: Includes base, riser(s), reducer and openings. Excludes excavation, aggregate, backfill and frame/cover. See CSI section 33 05 84 00-0002 for top slabs.		
33 05 61 00-0003		**3' Diameter, Precast Concrete Manholes** *(33 05 61 00-0002)*		
33 05 61 00-0004	EA	4' Deep, 3' Diameter, Precast Concrete Manhole	1,776.52	334.60
		For Bitumastic Coating, Add	*79.63*	
		For Epoxy Coating, Add	*152.16*	
33 05 61 00-0005	EA	6' Deep, 3' Diameter, Precast Concrete Manhole	2,424.76	480.61
		For Bitumastic Coating, Add	*119.44*	
		For Epoxy Coating, Add	*228.24*	
33 05 61 00-0006	EA	8' Deep, 3' Diameter, Precast Concrete Manhole	3,279.85	730.04
		For Bitumastic Coating, Add	*159.25*	
		For Epoxy Coating, Add	*304.32*	
33 05 61 00-0007	VLF	Riser For 3' Diameter, Precast Concrete Manhole Note: For depths greater than 8'.	348.45	85.17
		For Bitumastic Coating, Add	*19.91*	
		For Epoxy Coating, Add	*38.04*	
33 05 61 00-0008	VLF	Drop Collar For 3' Diameter, Precast Concrete Manhole	374.58	85.17
33 05 61 00-0009	EA	Drop Base For 3' Diameter, Precast Concrete Manhole	592.02	85.17
33 05 61 00-0010	EA	Extended Base Slab For 3' Diameter, Precast Concrete Manhole	475.25	85.17
33 05 61 00-0011	EA	Precast Channel For 3' Diameter, Precast Concrete Manhole	674.13	85.17
33 05 61 00-0012		**4' Diameter, Precast Concrete Manholes** *(33 05 61 00-0002)*		
33 05 61 00-0013	EA	4' Deep, 4' Diameter, Precast Concrete Manhole	2,688.49	383.26
		For Bitumastic Coating, Add	*79.63*	
		For Epoxy Coating, Add	*152.16*	
33 05 61 00-0014	EA	6' Deep, 4' Diameter, Precast Concrete Manhole	3,588.06	523.19
		For Bitumastic Coating, Add	*119.44*	
		For Epoxy Coating, Add	*228.24*	
33 05 61 00-0015	EA	8' Deep, 4' Diameter, Precast Concrete Manhole	4,731.98	790.87
		For Bitumastic Coating, Add	*159.25*	
		For Epoxy Coating, Add	*304.32*	
33 05 61 00-0016	VLF	Riser For 4' Diameter, Precast Concrete Manhole Note: For depths greater than 8'.	506.04	100.38
		For Bitumastic Coating, Add	*19.91*	
		For Epoxy Coating, Add	*38.04*	
33 05 61 00-0017	VLF	Drop Collar For 4' Diameter, Precast Concrete Manhole	551.28	100.38
33 05 61 00-0018	EA	Drop Base For 4' Diameter, Precast Concrete Manhole	927.67	100.38
33 05 61 00-0019	EA	Extended Base Slab For 4' Diameter, Precast Concrete Manhole	725.54	100.38
33 05 61 00-0020	EA	Precast Channel For 4' Diameter, Precast Concrete Manhole	1,069.84	100.38
33 05 61 00-0021		**5' Diameter, Precast Concrete Manholes** *(33 05 61 00-0002)*		
33 05 61 00-0022	EA	4' Deep, 5' Diameter, Precast Concrete Manhole	5,063.39	425.85
		For Bitumastic Coating, Add	*102.59*	
		For Epoxy Coating, Add	*245.30*	
33 05 61 00-0023	EA	6' Deep, 5' Diameter, Precast Concrete Manhole	6,742.72	584.03
		For Bitumastic Coating, Add	*153.89*	
		For Epoxy Coating, Add	*367.95*	
33 05 61 00-0024	EA	8' Deep, 5' Diameter, Precast Concrete Manhole	8,692.88	876.04
		For Bitumastic Coating, Add	*205.19*	
		For Epoxy Coating, Add	*490.60*	
33 05 61 00-0025	VLF	Riser For 5' Diameter, Precast Concrete Manhole Note: For depths greater than 8'.	902.42	109.51
		For Bitumastic Coating, Add	*25.65*	
		For Epoxy Coating, Add	*61.32*	
33 05 61 00-0026		**6' Diameter, Precast Concrete Manholes** *(33 05 61 00-0002)*		
33 05 61 00-0027	EA	4' Deep, 6' Diameter, Precast Concrete Manhole	6,798.52	474.52
		For Bitumastic Coating, Add	*117.46*	
		For Epoxy Coating, Add	*287.18*	
33 05 61 00-0028	EA	6' Deep, 6' Diameter, Precast Concrete Manhole	8,853.42	644.86
		For Bitumastic Coating, Add	*176.18*	
		For Epoxy Coating, Add	*430.77*	
33 05 61 00-0029	EA	8' Deep, 6' Diameter, Precast Concrete Manhole	11,211.56	973.38
		For Bitumastic Coating, Add	*234.91*	
		For Epoxy Coating, Add	*574.36*	
33 05 61 00-0030	VLF	Riser For 6' Diameter, Precast Concrete Manhole Note: For depths greater than 8'.	1,096.68	121.68
		For Bitumastic Coating, Add	*29.36*	
		For Epoxy Coating, Add	*71.80*	
33 05 61 00-0031		**7' Diameter, Precast Concrete Manholes** *(33 05 61 00-0002)*		
33 05 61 00-0032	EA	4' Deep, 7' Diameter, Precast Concrete Manhole	10,728.79	523.19
		For Bitumastic Coating, Add	*249.77*	
		For Epoxy Coating, Add	*501.83*	
33 05 61 00-0033	EA	6' Deep, 7' Diameter, Precast Concrete Manhole	13,872.14	713.61
		For Bitumastic Coating, Add	*374.66*	
		For Epoxy Coating, Add	*752.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 61 00-0034	EA	8' Deep, 7' Diameter, Precast Concrete Manhole	17,348.85	1,070.72
		For Bitumastic Coating, Add	*499.55*	
		For Epoxy Coating, Add	*1,003.65*	
33 05 61 00-0035	VLF	Riser For 7' Diameter, Precast Concrete Manhole Note: For depths greater than 8'.	1,648.92	133.84
		For Bitumastic Coating, Add	*62.44*	
		For Epoxy Coating, Add	*125.46*	

33 05 61 00-0036 8' Diameter, Precast Concrete Manholes *(33 05 61 00-0002)*

33 05 61 00-0037	EA	4' Deep, 8' Diameter, Precast Concrete Manhole	15,534.15	602.28
		For Bitumastic Coating, Add	*295.29*	
		For Epoxy Coating, Add	*611.68*	
33 05 61 00-0038	EA	6' Deep, 8' Diameter, Precast Concrete Manhole	20,140.31	821.29
		For Bitumastic Coating, Add	*442.93*	
		For Epoxy Coating, Add	*917.52*	
33 05 61 00-0039	EA	8' Deep, 8' Diameter, Precast Concrete Manhole	25,129.73	1,231.93
		For Bitumastic Coating, Add	*590.57*	
		For Epoxy Coating, Add	*1,223.37*	
33 05 61 00-0040	VLF	Riser For 8' Diameter, Precast Concrete Manhole Note: For depths greater than 8'.	2,388.25	152.09
		For Bitumastic Coating, Add	*73.82*	
		For Epoxy Coating, Add	*152.92*	

33 05 63 Concrete Vaults and Chambers *(33 05)*

33 05 63 00-0001 Underground Utility Vaults And Structures *(33 05 63)*

See CSI section 33 05 61 00-0001 for manholes, 33 05 81 00-0006 for frames and covers.

33 05 63 00-0002 Precast Concrete Underground Utility Vault *(33 05 63 00-0001)*

Note: Sizes given are for inside dimensions.

33 05 63 00-0003 6' High Precast Concrete Underground Utility Vault *(33 05 63 00-0002)*

33 05 63 00-0004	EA	4' x 4' x 6' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	3,726.57
33 05 63 00-0005	EA	4' x 6' x 6' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	4,857.64
33 05 63 00-0006	EA	5' x 10' x 6' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	8,014.01
33 05 63 00-0007	EA	5' x 12' x 6' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	9,253.44
33 05 63 00-0008	EA	6' x 6' x 6' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	6,207.85
33 05 63 00-0009	EA	6' x 8' x 6' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	7,556.81
33 05 63 00-0010	EA	6' x 10' x 6' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	8,907.02
33 05 63 00-0011	EA	6' x 12' x 6' Precast Concrete Underground Utility Vault Note: 8" thick walls and top.	12,868.95
33 05 63 00-0012	EA	6' x 14' x 6' Precast Concrete Underground Utility Vault Note: 8" thick walls and top.	12,868.95
33 05 63 00-0013	EA	6' x 16' x 6' Precast Concrete Underground Utility Vault Note: 8" thick walls and top.	16,204.02
33 05 63 00-0014	EA	8' x 8' x 6' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	9,126.19
33 05 63 00-0015	EA	8' x 10' x 6' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	10,694.35
33 05 63 00-0016	EA	8' x 12' x 6' Precast Concrete Underground Utility Vault Note: 8" thick walls and top.	15,286.67
33 05 63 00-0017	EA	8' x 14' x 6' Precast Concrete Underground Utility Vault Note: 8" thick walls and top.	17,205.10

33 05 63 00-0018 7' High Precast Concrete Underground Utility Vault *(33 05 63 00-0002)*

33 05 63 00-0019	EA	4' x 4' x 7' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	4,364.39
33 05 63 00-0020	EA	4' x 6' x 7' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	5,667.01
33 05 63 00-0021	EA	4' x 8' x 7' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	6,551.51
33 05 63 00-0022	EA	5' x 10' x 7' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	8,717.56
33 05 63 00-0023	EA	5' x 12' x 7' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	10,051.59
33 05 63 00-0024	EA	6' x 6' x 7' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	7,202.73
33 05 63 00-0025	EA	6' x 8' x 7' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	8,214.30
33 05 63 00-0026	EA	6' x 10' x 7' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	10,274.19
33 05 63 00-0027	EA	6' x 12' x 7' Precast Concrete Underground Utility Vault Note: 8" thick walls and top.	13,994.60
33 05 63 00-0028	EA	6' x 16' x 7' Precast Concrete Underground Utility Vault Note: 8" thick walls and top.	17,579.96

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 63 00-0029	EA	8' x 8' x 7' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	9,877.01	
33 05 63 00-0030	EA	8' x 10' x 7' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	11,538.59	
33 05 63 00-0031	EA	8' x 12' x 7' Precast Concrete Underground Utility Vault Note: 8" thick walls and top.	16,538.17	
33 05 63 00-0032	EA	8' x 14' x 7' Precast Concrete Underground Utility Vault Note: 8" thick walls and top.	18,579.81	
33 05 63 00-0033	EA	10' x 10' x 7' Precast Concrete Underground Utility Vault Note: 8" thick walls and top.	16,787.51	
33 05 63 00-0034		8' High Precast Concrete Underground Utility Vault *(33 05 63 00-0002)*		
33 05 63 00-0035	EA	4' x 4' x 8' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	4,477.41	
33 05 63 00-0036	EA	4' x 6' x 8' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	5,796.50	
33 05 63 00-0037	EA	5' x 10' x 8' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	9,421.09	
33 05 63 00-0038	EA	5' x 12' x 8' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	10,848.52	
33 05 63 00-0039	EA	6' x 6' x 8' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	7,333.50	
33 05 63 00-0040	EA	6' x 8' x 8' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	8,870.52	
33 05 63 00-0041	EA	6' x 10' x 8' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	10,407.55	
33 05 63 00-0042	EA	6' x 12' x 8' Precast Concrete Underground Utility Vault Note: 8" thick walls and top.	15,120.21	
33 05 63 00-0043	EA	6' x 16' x 8' Precast Concrete Underground Utility Vault Note: 8" thick walls and top.	18,955.95	
33 05 63 00-0044	EA	8' x 8' x 8' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	10,626.66	
33 05 63 00-0045	EA	8' x 10' x 8' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	12,382.80	
33 05 63 00-0046	EA	8' x 12' x 8' Precast Concrete Underground Utility Vault Note: 8" thick walls and top.	17,788.33	
33 05 63 00-0047	EA	8' x 14' x 8' Precast Concrete Underground Utility Vault Note: 8" thick walls and top.	19,955.79	
33 05 63 00-0048	EA	10' x 10' x 8' Precast Concrete Underground Utility Vault Note: 8" thick walls and top.	18,038.61	
33 05 63 00-0049		10' High Precast Concrete Underground Utility Vault *(33 05 63 00-0002)*		
33 05 63 00-0050	EA	6' x 6' x 10' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	7,896.35	
33 05 63 00-0051	EA	6' x 8' x 10' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	9,526.74	
33 05 63 00-0052	EA	10' x 10' x 10' Precast Concrete Underground Utility Vault Note: 8" thick walls and top.	19,288.73	
33 05 63 00-0053		12' High Precast Concrete Underground Utility Vault *(33 05 63 00-0002)*		
33 05 63 00-0054	EA	6' x 6' x 12' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	8,459.18	
33 05 63 00-0055	EA	6' x 8' x 12' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	10,184.19	
33 05 63 00-0056		Meter Pit *(33 05 63 00-0001)*		
33 05 63 00-0057		Precast Concrete Meter Pit *(33 05 63 00-0056)*		
33 05 63 00-0058	EA	4' x 4' x 4' Deep Precast Concrete Meter Pit	3,667.52	
33 05 63 00-0059	EA	4' x 4' x 6' Deep Precast Concrete Meter Pit	4,964.43	
33 05 63 00-0060	EA	4' x 4' x 8' Deep Precast Concrete Meter Pit	6,220.56	
33 05 63 00-0061	EA	4' x 4' x 10' Deep Precast Concrete Meter Pit	7,700.00	
33 05 63 00-0062	EA	4' x 4' x 15' Deep Precast Concrete Meter Pit	10,617.74	
33 05 63 00-0063	EA	6' x 6' x 4' Deep Precast Concrete Meter Pit	5,553.38	
33 05 63 00-0064	EA	6' x 6' x 6' Deep Precast Concrete Meter Pit	7,700.00	
33 05 63 00-0065	EA	6' x 6' x 8' Deep Precast Concrete Meter Pit	9,908.98	
33 05 63 00-0066	EA	6' x 6' x 10' Deep Precast Concrete Meter Pit	12,362.26	
33 05 63 00-0067	EA	6' x 6' x 15' Deep Precast Concrete Meter Pit	17,529.64	
33 05 63 00-0068		Handhole Or Pull Box Enclosures *(33 05 63 00-0001)*		
33 05 63 00-0069		Polymer Concrete Handhole Enclosures *(33 05 63 00-0068)*		
33 05 63 00-0070		Polymer Concrete Handhole Enclosures *(33 05 63 00-0069)* Note: Excludes cover See CSI section 33 05 63 00-0290 for covers.		
33 05 63 00-0071		Flared Sides, Polymer Concrete Handhole Enclosures *(33 05 63 00-0070)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 63 00-0072		**Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosures** *(33 05 63 00-0071)*		
33 05 63 00-0073	EA	12" x 12", 24" Depth, 15,000 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	428.22	28.55
33 05 63 00-0074	EA	10" x 15", 18" Depth, 15,000 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	362.31	63.42
33 05 63 00-0075	EA	13" x 24", 18" Depth, 15,000 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	553.49	95.13
33 05 63 00-0076	EA	17" x 30", 18" Depth, 15,000 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	646.33	95.13
33 05 63 00-0077	EA	13" x 24", 18" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	615.66	95.13
33 05 63 00-0078	EA	13" x 24", 26" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	749.55	95.13
33 05 63 00-0079	EA	17" x 30", 18" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	729.34	95.13
33 05 63 00-0080	EA	17" x 30", 26" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	1,000.46	95.13
33 05 63 00-0081	EA	27" Round, 36" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	1,422.59	126.84
33 05 63 00-0082	EA	27" Round, 48" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	2,006.06	126.84
33 05 63 00-0083	EA	24" x 36", 18" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	1,280.17	174.40
33 05 63 00-0084	EA	24" x 36", 26" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	1,462.89	174.40
33 05 63 00-0085	EA	24" x 36", 48" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	2,413.42	174.40
33 05 63 00-0086	EA	39" Round, 18" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	1,366.29	190.25
33 05 63 00-0087	EA	39" Round, 24" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	1,964.81	190.25
33 05 63 00-0088	EA	39" Round, 36" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	2,454.25	190.25
33 05 63 00-0089	EA	39" Round, 48" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	3,611.89	190.25
33 05 63 00-0090	EA	30" x 48", 24" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	1,939.70	274.24
33 05 63 00-0091	EA	30" x 48", 48" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	2,840.51	274.24
33 05 63 00-0092		**Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosures** *(33 05 63 00-0071)*		
33 05 63 00-0093	EA	12" x 12", 24" Depth, 15,000 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	549.50	28.55
33 05 63 00-0094	EA	13" x 24", 18" Depth, 15,000 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	697.94	95.13
33 05 63 00-0095	EA	17" x 30", 18" Depth, 15,000 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	847.37	95.13
33 05 63 00-0096	EA	13" x 24", 18" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	780.49	95.13
33 05 63 00-0097	EA	13" x 24", 26" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	894.92	95.13
33 05 63 00-0098	EA	17" x 30", 18" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	924.93	95.13
33 05 63 00-0099	EA	17" x 30", 26" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	1,197.74	95.13
33 05 63 00-0100	EA	24" x 36", 18" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	1,587.33	174.40
33 05 63 00-0101	EA	24" x 36", 26" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	1,770.05	174.40
33 05 63 00-0102	EA	24" x 36", 48" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	2,720.61	174.40
33 05 63 00-0103	EA	30" x 48", 24" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	2,298.64	274.24
33 05 63 00-0104	EA	30" x 48", 48" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	3,206.29	274.24
33 05 63 00-0105		**Straight Sides, Polymer Concrete Handhole Enclosures** *(33 05 63 00-0070)*		
33 05 63 00-0106		**Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosures** *(33 05 63 00-0105)*		
33 05 63 00-0107	EA	5" x 16", 12" Depth, 5,000 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	705.58	28.55
33 05 63 00-0108	EA	10" x 12", 15" Depth, 5,000 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	595.80	28.55
33 05 63 00-0109	EA	13" x 24", 12" Depth, 5,000 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	472.48	95.13
33 05 63 00-0110	EA	17" x 30", 12" Depth, 5,000 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	537.26	95.13
33 05 63 00-0111	EA	6" x 8", 6" Depth, 15,000 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	162.20	28.55
33 05 63 00-0112	EA	12" x 12", 12" Depth, 15,000 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	254.00	28.55

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 63 00-0113	EA	8" x 18", 7" Depth, 15,000 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	413.32	28.55
33 05 63 00-0114	EA	8" x 18", 8" Depth, 15,000 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	432.60	28.55
33 05 63 00-0115	EA	11" x 18", 12" Depth, 15,000 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	355.59	63.42
33 05 63 00-0116	EA	11" x 18", 18" Depth, 15,000 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	385.16	63.42
33 05 63 00-0117	EA	8" x 8", 12" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	250.05	28.55
33 05 63 00-0118	EA	8" x 8", 18" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	286.18	28.55
33 05 63 00-0119	EA	11" x 18", 12" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	382.09	63.42
33 05 63 00-0120	EA	11" x 18", 18" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	431.81	63.42
33 05 63 00-0121	EA	11" x 20", 12" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	399.63	63.42
33 05 63 00-0122	EA	13" x 24", 12" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	475.50	95.13
33 05 63 00-0123	EA	13" x 24", 18" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	524.27	95.13
33 05 63 00-0124	EA	17" x 30", 12" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	560.54	95.13
33 05 63 00-0125	EA	17" x 30", 18" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	615.16	95.13
33 05 63 00-0126	EA	17" x 30", 22" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	724.09	95.13
33 05 63 00-0127	EA	17" x 30", 24" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	790.17	95.13
33 05 63 00-0128	EA	17" x 30", 28" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	862.48	95.13
33 05 63 00-0129	EA	17" x 30", 30" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	907.94	95.13
33 05 63 00-0130	EA	24" x 24", 24" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,079.85	126.84
33 05 63 00-0131	EA	24" x 36", 18" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,082.23	174.40
33 05 63 00-0132	EA	24" x 36", 24" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,398.90	174.40
33 05 63 00-0133	EA	24" x 36", 30" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,691.30	174.40
33 05 63 00-0134	EA	24" x 36", 36" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,875.96	174.40
33 05 63 00-0135	EA	24" x 36", 42" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,059.64	174.40
33 05 63 00-0136	EA	36" x 36", 36" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,291.13	274.24
33 05 63 00-0137	EA	30" x 48", 18" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,643.79	274.24
33 05 63 00-0138	EA	30" x 48", 24" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,878.32	274.24
33 05 63 00-0139	EA	30" x 48", 36" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,326.79	274.24
33 05 63 00-0140	EA	30" x 60", 21" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,322.18	274.24
33 05 63 00-0141	EA	30" x 60", 30" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,489.59	274.24
33 05 63 00-0142	EA	30" x 60", 36" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,811.54	274.24
33 05 63 00-0143	EA	36" x 60", 19" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,572.52	293.84
33 05 63 00-0144	EA	36" x 60", 24" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,799.83	293.84
33 05 63 00-0145	EA	36" x 60", 31" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	3,090.03	293.84
33 05 63 00-0146	EA	36" x 60", 36" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	3,206.15	293.84
33 05 63 00-0147	EA	48" x 48", 36" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	3,246.51	293.84
33 05 63 00-0148	EA	48" x 48", 48" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	3,688.69	293.84
33 05 63 00-0149	EA	36" x 72", 21" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,829.95	293.84
33 05 63 00-0150	EA	36" x 72", 36" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	3,761.67	293.84
33 05 63 00-0151	EA	48" x 72", 36" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	4,239.69	313.42
33 05 63 00-0152	EA	48" x 72", 48" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	5,253.43	313.42
33 05 63 00-0153	EA	48" x 96", 48" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	6,764.21	313.42
33 05 63 00-0154		Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosures *(33 05 63 00-0105)*		
33 05 63 00-0155	EA	13" x 24", 12" Depth, 5,000 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	640.65	95.13

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 63 00-0156	EA	17" x 30", 12" Depth, 5,000 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	736.73	95.13
33 05 63 00-0157	EA	6" x 8", 6" Depth, 15,000 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	277.37	28.55
33 05 63 00-0158	EA	12" x 12", 12" Depth, 15,000 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	402.82	28.55
33 05 63 00-0159	EA	8" x 18", 7" Depth, 15,000 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	541.50	28.55
33 05 63 00-0160	EA	8" x 18", 8" Depth, 15,000 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	560.81	28.55
33 05 63 00-0161	EA	10" x 15", 18" Depth, 15,000 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	481.86	63.42
33 05 63 00-0162	EA	11" x 18", 12" Depth, 15,000 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	502.44	63.42
33 05 63 00-0163	EA	11" x 18", 18" Depth, 15,000 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	529.96	63.42
33 05 63 00-0164	EA	8" x 8", 12" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	375.63	28.55
33 05 63 00-0165	EA	8" x 8", 18" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	444.69	28.55
33 05 63 00-0166	EA	11" x 18", 12" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	529.29	63.42
33 05 63 00-0167	EA	11" x 18", 18" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	579.01	63.42
33 05 63 00-0168	EA	11" x 20", 12" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	548.40	63.42
33 05 63 00-0169	EA	13" x 24", 12" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	639.72	95.13
33 05 63 00-0170	EA	13" x 24", 18" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	689.10	95.13
33 05 63 00-0171	EA	17" x 30", 12" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	756.51	95.13
33 05 63 00-0172	EA	17" x 30", 18" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	810.78	95.13
33 05 63 00-0173	EA	17" x 30", 22" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	919.40	95.13
33 05 63 00-0174	EA	17" x 30", 24" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	985.76	95.13
33 05 63 00-0175	EA	17" x 30", 28" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,057.75	95.13
33 05 63 00-0176	EA	17" x 30", 30" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,103.53	95.13
33 05 63 00-0177	EA	24" x 24", 24" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,350.04	126.84
33 05 63 00-0178	EA	24" x 36", 18" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,389.42	174.40
33 05 63 00-0179	EA	24" x 36", 24" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,705.71	174.40
33 05 63 00-0180	EA	24" x 36", 30" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,997.80	174.40
33 05 63 00-0181	EA	24" x 36", 36" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,182.17	174.40
33 05 63 00-0182	EA	24" x 36", 42" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,366.45	174.40
33 05 63 00-0183	EA	30" x 48", 18" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,999.34	274.24
33 05 63 00-0184	EA	30" x 48", 24" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,234.22	274.24
33 05 63 00-0185	EA	30" x 48", 36" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,682.34	274.24
33 05 63 00-0186		**Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosures** *(33 05 63 00-0105)*		
33 05 63 00-0187	EA	13" x 24", 12" Depth, 5,000 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	586.95	95.13
33 05 63 00-0188	EA	17" x 30", 12" Depth, 5,000 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	685.71	95.13
33 05 63 00-0189	EA	6" x 8", 6" Depth, 15,000 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	203.95	28.55
33 05 63 00-0190	EA	12" x 12", 12" Depth, 15,000 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	338.37	28.55
33 05 63 00-0191	EA	8" x 18", 7" Depth, 15,000 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	487.86	28.55
33 05 63 00-0192	EA	8" x 18", 8" Depth, 15,000 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	507.52	28.55
33 05 63 00-0193	EA	11" x 18", 12" Depth, 15,000 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	446.54	63.42
33 05 63 00-0194	EA	11" x 18", 18" Depth, 15,000 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	503.77	63.42
33 05 63 00-0195	EA	8" x 8", 18" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	295.57	28.55
33 05 63 00-0196	EA	11" x 18", 12" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	474.67	63.42
33 05 63 00-0197	EA	11" x 18", 18" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	545.96	63.42
33 05 63 00-0198	EA	11" x 20", 12" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	493.19	63.42
33 05 63 00-0199	EA	13" x 24", 12" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	632.15	95.13

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 63 00-0200	EA	13" x 24", 18" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	729.63	95.13
33 05 63 00-0201	EA	17" x 30", 12" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	762.05	95.13
33 05 63 00-0202	EA	17" x 30", 18" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	839.23	95.13
33 05 63 00-0203	EA	17" x 30", 22" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	910.23	95.13
33 05 63 00-0204	EA	17" x 30", 24" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	977.27	95.13
33 05 63 00-0205	EA	17" x 30", 28" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,097.30	95.13
33 05 63 00-0206	EA	17" x 30", 30" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,114.03	95.13
33 05 63 00-0207	EA	24" x 24", 24" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,370.98	126.84
33 05 63 00-0208	EA	24" x 36", 18" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,416.56	174.40
33 05 63 00-0209	EA	24" x 36", 24" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,765.87	174.40
33 05 63 00-0210	EA	24" x 36", 30" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,111.34	174.40
33 05 63 00-0211	EA	24" x 36", 36" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,340.79	174.40
33 05 63 00-0212	EA	24" x 36", 42" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,570.25	174.40
33 05 63 00-0213	EA	36" x 36", 36" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,718.64	274.24
33 05 63 00-0214	EA	30" x 48", 18" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,071.33	274.24
33 05 63 00-0215	EA	30" x 48", 24" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,324.15	274.24
33 05 63 00-0216	EA	30" x 48", 36" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,772.31	274.24
33 05 63 00-0217	EA	30" x 60", 21" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,969.99	274.24
33 05 63 00-0218	EA	30" x 60", 30" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	3,031.89	274.24
33 05 63 00-0219	EA	30" x 60", 36" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	3,632.41	274.24
33 05 63 00-0220	EA	36" x 60", 19" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	3,358.37	293.84
33 05 63 00-0221	EA	36" x 60", 24" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	3,475.82	293.84
33 05 63 00-0222	EA	36" x 60", 31" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	3,808.99	293.84
33 05 63 00-0223	EA	36" x 60", 36" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	4,061.15	293.84
33 05 63 00-0224	EA	36" x 72", 21" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	3,724.09	293.84
33 05 63 00-0225	EA	36" x 72", 36" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	4,625.92	293.84
33 05 63 00-0226	EA	48" x 48", 36" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	4,004.87	293.84
33 05 63 00-0227	EA	48" x 48", 48" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	4,409.51	293.84
33 05 63 00-0228	EA	48" x 72", 36" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	5,352.71	313.42
33 05 63 00-0229	EA	48" x 72", 48" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	6,366.85	313.42
33 05 63 00-0230	EA	48" x 96", 48" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	8,617.41	313.42
33 05 63 00-0231		Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosures *(33 05 63 00-0105)*		
33 05 63 00-0232	EA	13" x 24", 12" Depth, 5,000 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	755.09	95.13
33 05 63 00-0233	EA	17" x 30", 12" Depth, 5,000 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	885.56	95.13
33 05 63 00-0234	EA	6" x 8", 6" Depth, 15,000 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	318.19	28.55
33 05 63 00-0235	EA	12" x 12", 12" Depth, 15,000 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	486.90	28.55
33 05 63 00-0236	EA	8" x 18", 7" Depth, 15,000 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	615.78	28.55
33 05 63 00-0237	EA	8" x 18", 8" Depth, 15,000 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	635.70	28.55
33 05 63 00-0238	EA	11" x 18", 12" Depth, 15,000 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	593.74	63.42
33 05 63 00-0239	EA	11" x 18", 18" Depth, 15,000 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	650.63	63.42
33 05 63 00-0240	EA	8" x 8", 18" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	458.81	28.55

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 63 00-0241	EA	11" x 18", 12" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	621.20	63.42
33 05 63 00-0242	EA	11" x 18", 18" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	692.50	63.42
33 05 63 00-0243	EA	11" x 20", 12" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	599.95	63.42
33 05 63 00-0244	EA	13" x 24", 12" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	797.04	95.13
33 05 63 00-0245	EA	13" x 24", 18" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	894.52	95.13
33 05 63 00-0246	EA	17" x 30", 12" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	957.64	95.13
33 05 63 00-0247	EA	17" x 30", 18" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,034.85	95.13
33 05 63 00-0248	EA	17" x 30", 22" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,105.83	95.13
33 05 63 00-0249	EA	17" x 30", 24" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,172.89	95.13
33 05 63 00-0250	EA	17" x 30", 28" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,292.95	95.13
33 05 63 00-0251	EA	17" x 30", 30" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,309.62	95.13
33 05 63 00-0252	EA	24" x 24", 24" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,640.82	126.84
33 05 63 00-0253	EA	24" x 36", 18" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,723.72	174.40
33 05 63 00-0254	EA	24" x 36", 24" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,072.72	174.40
33 05 63 00-0255	EA	24" x 36", 30" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,417.80	174.40
33 05 63 00-0256	EA	24" x 36", 36" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,647.43	174.40
33 05 63 00-0257	EA	24" x 36", 42" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,877.06	174.40
33 05 63 00-0258	EA	30" x 48", 18" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,427.20	274.24
33 05 63 00-0259	EA	30" x 48", 24" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,680.37	274.24
33 05 63 00-0260	EA	30" x 48", 36" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	3,128.21	274.24

33 05 63 00-0261 Footed, Straight Sides, Polymer Concrete Handhole Enclosures *(33 05 63 00-0105)*

33 05 63 00-0262	EA	17" x 30", 12" Depth, 5,000 LB Design Load, Footed, Straight Sides, Polymer Concrete Handhole Enclosure	627.95	95.13
33 05 63 00-0263	EA	11" x 18", 12" Depth, 15,000 LB Design Load, Footed, Straight Sides, Polymer Concrete Handhole Enclosure	424.27	63.42
33 05 63 00-0264	EA	11" x 18", 18" Depth, 15,000 LB Design Load, Footed, Straight Sides, Polymer Concrete Handhole Enclosure	479.25	63.42
33 05 63 00-0265	EA	13" x 24", 12" Depth, 15,000 LB Design Load, Footed, Straight Sides, Polymer Concrete Handhole Enclosure	556.60	95.13
33 05 63 00-0266	EA	11" x 18", 12" Depth, 22,500 LB Design Load, Footed, Straight Sides, Polymer Concrete Handhole Enclosure	442.28	63.42
33 05 63 00-0267	EA	11" x 18", 18" Depth, 22,500 LB Design Load, Footed, Straight Sides, Polymer Concrete Handhole Enclosure	494.93	63.42

33 05 63 00-0268 Polymer Concrete Handhole Enclosure Extensions *(33 05 63 00-0069)*

Note: Excludes bases See CSI section 33 05 63 00-0070 for bases.

33 05 63 00-0269	EA	13" x 24", 8" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension	454.25	95.13
33 05 63 00-0270	EA	17" x 30", 8" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension	511.54	95.13
33 05 63 00-0271	EA	24" x 24", 6" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension	584.00	126.84
33 05 63 00-0272	EA	24" x 24", 12" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension	640.25	126.84
33 05 63 00-0273	EA	24" x 36", 8" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension	754.22	174.40
33 05 63 00-0274	EA	36" x 36", 12" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension	1,310.13	274.24
33 05 63 00-0275	EA	30" x 48", 8" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension	1,248.63	274.24
33 05 63 00-0276	EA	30" x 48", 11" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension	1,262.05	274.24
33 05 63 00-0277	EA	36" x 60", 12" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension	1,722.88	293.84
33 05 63 00-0278	EA	48" x 72", 12" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension	2,775.71	313.42
33 05 63 00-0279	EA	48" x 96", 12" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension	3,669.01	313.42
33 05 63 00-0280	EA	13" x 24", 8" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Solid Base Extension	754.86	95.13
33 05 63 00-0281	EA	17" x 30", 8" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Solid Base Extension	789.85	95.13
33 05 63 00-0282	EA	24" x 24", 6" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Solid Base Extension	840.42	126.84
33 05 63 00-0283	EA	24" x 24", 12" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Solid Base Extension	897.28	126.84

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 63 00-0284	EA	24" x 36", 8" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Solid Base Extension	1,035.46	174.40
33 05 63 00-0285	EA	30" x 48", 8" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Solid Base Extension	1,646.08	274.24
33 05 63 00-0286	EA	13" x 24", 3" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Grade Adjustable Extension	583.76	95.13
33 05 63 00-0287	EA	17" x 30", 3" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Grade Adjustable Extension	652.80	95.13
33 05 63 00-0288	EA	24" x 36", 4" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Grade Adjustable Extension	853.27	174.40
33 05 63 00-0289	EA	36" x 60", 3" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Grade Adjustable Extension	1,657.04	293.84
33 05 63 00-0290		Polymer Concrete Handhole Enclosure Covers *(33 05 63 00-0069)*		
33 05 63 00-0291		Polymer Concrete Handhole Enclosure Covers *(33 05 63 00-0290)*		
33 05 63 00-0292	EA	5" x 16", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	165.66	12.69
33 05 63 00-0293	EA	10" x 12", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	167.86	12.69
33 05 63 00-0294	EA	12" x 12", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	155.25	12.69
33 05 63 00-0295	EA	8" x 18", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	168.29	12.69
33 05 63 00-0296	EA	11" x 18", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	169.97	12.68
33 05 63 00-0297	EA	13" x 24", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	195.65	12.68
33 05 63 00-0298	EA	17" x 30", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	227.43	12.68
33 05 63 00-0299	EA	30" x 59", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	1,505.00	35.26
33 05 63 00-0300	EA	30" x 60", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	1,315.53	35.26
33 05 63 00-0301	EA	36" x 60", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	1,975.48	35.26
33 05 63 00-0302	EA	48" x 48", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	1,997.98	35.26
33 05 63 00-0303	EA	36" x 72", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	2,265.01	35.26
33 05 63 00-0304	EA	48" x 72", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	2,468.99	35.26
33 05 63 00-0305	EA	48" x 96", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	3,974.92	35.26
33 05 63 00-0306	EA	10" x 15", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	141.23	12.68
33 05 63 00-0307	EA	11" x 18", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	204.29	12.68
33 05 63 00-0308	EA	11" x 20", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	207.22	12.68
33 05 63 00-0309	EA	13" x 24", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	261.88	12.68
33 05 63 00-0310	EA	13" x 24", 8,000 LB Design Load, Standard Duty, Service Box, Polymer Concrete Handhole Enclosure Cover	196.47	12.68
33 05 63 00-0311	EA	17" x 30", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	310.61	12.68
33 05 63 00-0312	EA	17" x 30", 8,000 LB Design Load, Standard Duty, Service Box, Polymer Concrete Handhole Enclosure Cover	242.91	12.68
33 05 63 00-0313	EA	27" Round, 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	503.22	12.68
33 05 63 00-0314	EA	24" x 24", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	438.15	19.03
33 05 63 00-0315	EA	24" x 36", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	550.81	19.03
33 05 63 00-0316	EA	39" Round, 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	710.76	22.20
33 05 63 00-0317	EA	36" x 36", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	996.59	27.42
33 05 63 00-0318	EA	30" x 48", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover	1,034.52	52.24
33 05 63 00-0319	EA	11" x 18", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover	265.15	12.68
33 05 63 00-0320	EA	13" x 24", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover	379.97	12.68
33 05 63 00-0321	EA	17" x 30", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover	432.97	12.68
33 05 63 00-0322	EA	27" Round, 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover	722.91	12.68
33 05 63 00-0323	EA	24" x 24", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover	593.03	19.03
33 05 63 00-0324	EA	39" Round, 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover	1,005.77	22.20
33 05 63 00-0325	EA	36" x 36", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover	1,316.16	27.42
33 05 63 00-0326	EA	30" x 59", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover	1,776.64	35.26
33 05 63 00-0327	EA	30" x 60", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover	1,578.12	35.26
33 05 63 00-0328	EA	36" x 60", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover	2,209.40	35.26
33 05 63 00-0329	EA	48" x 48", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover	2,880.78	35.26
33 05 63 00-0330	EA	36" x 72", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover	2,758.31	35.26
33 05 63 00-0331	EA	48" x 72", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover	4,193.57	35.26
33 05 63 00-0332	EA	48" x 96", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover	6,484.37	35.26
33 05 63 00-0333	EA	11" x 18", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover	350.22	12.68
33 05 63 00-0334	EA	11" x 20", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover	383.39	12.68
33 05 63 00-0335	EA	13" x 24", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover	506.24	12.68
33 05 63 00-0336	EA	17" x 30", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover	577.53	12.68
33 05 63 00-0337	EA	27" Round, 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover	1,001.51	12.68
33 05 63 00-0338	EA	24" x 24", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover	724.31	19.03
33 05 63 00-0339	EA	24" x 36", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover	992.74	19.03
33 05 63 00-0340	EA	39" Round, 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover	1,541.78	22.20
33 05 63 00-0341	EA	36" x 36", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover	1,761.01	27.42
33 05 63 00-0342	EA	30" x 48", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover	1,831.01	52.24
33 05 63 00-0343	EA	30" x 60", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover	2,118.42	35.26
33 05 63 00-0344	EA	36" x 60", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover	2,962.46	35.26
33 05 63 00-0345	EA	48" x 48", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover	4,149.64	35.26
33 05 63 00-0346	EA	36" x 72", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover	3,701.60	35.26
33 05 63 00-0347	EA	48" x 72", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover	6,142.62	35.26
33 05 63 00-0348	EA	48" x 96", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover	9,488.07	35.26
33 05 63 00-0349		Polymer Concrete Handhole Enclosure Covers With Gaskets *(33 05 63 00-0290)*		
33 05 63 00-0350	EA	12" x 12", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	190.91	12.69
33 05 63 00-0351	EA	8" x 18", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	202.01	12.69
33 05 63 00-0352	EA	11" x 18", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	205.63	12.68
33 05 63 00-0353	EA	13" x 24", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	206.99	12.68
33 05 63 00-0354	EA	17" x 30", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	239.55	12.68

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 63 00-0355	EA	10" x 15", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	151.47	12.68
33 05 63 00-0356	EA	11" x 18", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	214.79	12.68
33 05 63 00-0357	EA	11" x 20", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	216.82	12.68
33 05 63 00-0358	EA	13" x 24", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	272.69	12.68
33 05 63 00-0359	EA	13" x 24", 8,000 LB Design Load, Standard Duty, Service Box, Polymer Concrete Handhole Enclosure Cover With Gasket	208.24	12.68
33 05 63 00-0360	EA	17" x 30", 8,000 LB Design Load, Standard Duty, Service Box, Polymer Concrete Handhole Enclosure Cover With Gasket	255.35	12.68
33 05 63 00-0361	EA	17" x 30", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	322.07	12.68
33 05 63 00-0362	EA	24" x 24", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	445.83	19.03
33 05 63 00-0363	EA	24" x 36", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	562.62	19.03
33 05 63 00-0364	EA	30" x 48", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	1,046.64	52.24
33 05 63 00-0365	EA	6" x 8", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	125.44	12.69
33 05 63 00-0366	EA	8" x 8", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	198.53	12.69
33 05 63 00-0367	EA	8" x 18", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	221.32	12.69
33 05 63 00-0368	EA	12" x 12", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	211.20	12.69
33 05 63 00-0369	EA	10" x 15", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	173.24	12.68
33 05 63 00-0370	EA	11" x 18", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	275.62	12.68
33 05 63 00-0371	EA	11" x 20", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	299.28	12.68
33 05 63 00-0372	EA	13" x 24", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	391.10	12.68
33 05 63 00-0373	EA	17" x 30", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	445.06	12.68
33 05 63 00-0374	EA	24" x 24", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	603.84	19.03
33 05 63 00-0375	EA	24" x 36", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	755.57	19.03
33 05 63 00-0376	EA	30" x 48", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	1,381.90	52.24

33 05 63 00-0377 Polymer Concrete Handhole Enclosure Covers Without Bolts *(33 05 63 00-0290)*

33 05 63 00-0378	EA	6" x 9", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	100.30	12.69
33 05 63 00-0379	EA	7" x 13", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	119.96	12.69
33 05 63 00-0380	EA	12" x 12", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	146.43	12.69
33 05 63 00-0381	EA	8" x 18", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	158.20	12.69
33 05 63 00-0382	EA	11" x 18", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	157.87	12.68
33 05 63 00-0383	EA	13" x 24", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	188.03	12.68
33 05 63 00-0384	EA	17" x 30", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	217.66	12.68
33 05 63 00-0385	EA	24" x 36", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	531.51	19.03
33 05 63 00-0386	EA	30" x 48", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	990.39	52.24
33 05 63 00-0387	EA	30" x 59", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	1,488.44	35.26
33 05 63 00-0388	EA	30" x 60", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	1,296.82	35.26
33 05 63 00-0389	EA	48" x 48", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	1,944.72	35.26
33 05 63 00-0390	EA	36" x 60", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	1,876.21	35.26
33 05 63 00-0391	EA	36" x 72", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	2,247.15	35.26
33 05 63 00-0392	EA	48" x 72", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	2,403.00	35.26
33 05 63 00-0393	EA	48" x 96", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	3,848.10	35.26
33 05 63 00-0394	EA	10" x 15", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	135.64	12.68
33 05 63 00-0395	EA	10" x 16", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	132.36	12.68
33 05 63 00-0396	EA	11" x 20", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	197.22	12.68
33 05 63 00-0397	EA	11" x 21", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	217.08	12.68
33 05 63 00-0398	EA	13" x 24", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	246.19	12.68
33 05 63 00-0399	EA	13" x 24", 8,000 LB Design Load, Standard Duty, Service Box, Polymer Concrete Handhole Enclosure Cover Without Bolts	186.32	12.68
33 05 63 00-0400	EA	18" x 19", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	208.24	12.68
33 05 63 00-0401	EA	17" x 30", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	296.87	12.68
33 05 63 00-0402	EA	24" x 24", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	429.24	19.03
33 05 63 00-0403	EA	20" x 42", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	537.62	19.03
33 05 63 00-0404	EA	24" x 36", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	531.19	19.03
33 05 63 00-0405	EA	36" x 36", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	956.35	27.42
33 05 63 00-0406	EA	30" x 48", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	990.39	31.34

33 05 63 00-0407 Overlapping, Polymer Concrete Handhole Enclosure Covers *(33 05 63 00-0290)*

33 05 63 00-0408	EA	30" x 60", 5,000 LB Design Load, Standard Duty, Overlapping, Polymer Concrete Handhole Enclosure Cover	1,550.17	35.26
33 05 63 00-0409	EA	36" x 60", 5,000 LB Design Load, Standard Duty, Overlapping, Polymer Concrete Handhole Enclosure Cover	2,249.44	35.26
33 05 63 00-0410	EA	30" x 48", 8,000 LB Design Load, Standard Duty, Overlapping, Polymer Concrete Handhole Enclosure Cover	1,300.10	52.24
33 05 63 00-0411	EA	30" x 48", 15,000 LB Design Load, Heavy Duty, Overlapping, Polymer Concrete Handhole Enclosure Cover	1,726.98	52.24
33 05 63 00-0412	EA	30" x 60", 15,000 LB Design Load, Heavy Duty, Overlapping, Polymer Concrete Handhole Enclosure Cover	1,843.79	35.26
33 05 63 00-0413	EA	36" x 60", 15,000 LB Design Load, Heavy Duty, Overlapping, Polymer Concrete Handhole Enclosure Cover	2,516.80	35.26

33 05 63 00-0414 Split, Polymer Concrete Handhole Enclosure Covers *(33 05 63 00-0290)*

33 05 63 00-0415	EA	24" x 36", 8,000 LB Design Load, Standard Duty, Split, Polymer Concrete Handhole Enclosure Cover	604.05	19.03
33 05 63 00-0416	EA	36" x 36", 8,000 LB Design Load, Standard Duty, Split, Polymer Concrete Handhole Enclosure Cover	1,122.54	27.42
33 05 63 00-0417	EA	30" x 48", 8,000 LB Design Load, Standard Duty, Split, Polymer Concrete Handhole Enclosure Cover	1,172.91	52.24
33 05 63 00-0418	EA	6" x 8", 15,000 LB Design Load, Heavy Duty, Split, Polymer Concrete Handhole Enclosure Cover	94.82	12.69
33 05 63 00-0419	EA	8" x 8", 15,000 LB Design Load, Heavy Duty, Split, Polymer Concrete Handhole Enclosure Cover	159.25	12.69
33 05 63 00-0420	EA	12" x 12", 15,000 LB Design Load, Heavy Duty, Split, Polymer Concrete Handhole Enclosure Cover	175.54	12.69
33 05 63 00-0421	EA	8" x 18", 15,000 LB Design Load, Heavy Duty, Split, Polymer Concrete Handhole Enclosure Cover	186.33	12.69
33 05 63 00-0422	EA	10" x 15", 15,000 LB Design Load, Heavy Duty, Split, Polymer Concrete Handhole Enclosure Cover	163.09	12.68
33 05 63 00-0423	EA	11" x 20", 15,000 LB Design Load, Heavy Duty, Split, Polymer Concrete Handhole Enclosure Cover	289.68	12.68
33 05 63 00-0424	EA	24" x 36", 15,000 LB Design Load, Heavy Duty, Split, Polymer Concrete Handhole Enclosure Cover	811.01	19.03
33 05 63 00-0425	EA	36" x 36", 15,000 LB Design Load, Heavy Duty, Split, Polymer Concrete Handhole Enclosure Cover	1,495.78	27.42
33 05 63 00-0426	EA	30" x 48", 15,000 LB Design Load, Heavy Duty, Split, Polymer Concrete Handhole Enclosure Cover	1,566.73	52.24

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 63 00-0427		Precast Concrete Handholes With Steel Cover *(33 05 63 00-0068)*		
		Note: 8000 To 12000 pound traffic rated top. Includes cover stamped with utility (Electrical, Sewer, Water, Etc.).		
33 05 63 00-0428	EA	12" x 12" x 12" Precast Concrete Handholes With Steel Cover	1,034.37	262.16
		Note: 8000 To 12000 pound traffic rated top.		
		For 15,000 to 22,500 Pound Traffic Rated Top, Add	*18.00*	
33 05 63 00-0429	EA	12" x 24" x 21" Precast Concrete Handholes With Steel Cover	1,759.24	393.24
		Note: 8000 To 12000 pound traffic rated top.		
		For 15,000 to 22,500 Pound Traffic Rated Top, Add	*112.99*	
33 05 63 00-0430	EA	18" x 30" x 18" Precast Concrete Handholes With Steel Cover	2,112.09	524.33
		Note: 8000 To 12000 pound traffic rated top.		
		For 15,000 to 22,500 Pound Traffic Rated Top, Add	*199.32*	
33 05 63 00-0431	EA	24" x 24" x 24" Precast Concrete Handholes With Steel Cover	2,202.85	524.33
		Note: 8000 To 12000 pound traffic rated top.		
		For 15,000 to 22,500 Pound Traffic Rated Top, Add	*252.63*	
33 05 63 00-0432	EA	24" x 24" x 30" Precast Concrete Handholes With Steel Cover	2,573.03	655.41
		Note: 8000 To 12000 pound traffic rated top.		
		For 15,000 to 22,500 Pound Traffic Rated Top, Add	*304.85*	
33 05 63 00-0433	EA	30" x 36" x 30" Precast Concrete Handholes With Steel Cover	2,723.59	655.41
		Note: 8000 To 12000 pound traffic rated top.		
		For 15,000 to 22,500 Pound Traffic Rated Top, Add	*333.32*	
33 05 63 00-0434	EA	36" x 36" x 48" Precast Concrete Handholes With Steel Cover	3,133.76	786.48
		Note: 8000 To 12000 pound traffic rated top.		
		For 15,000 to 22,500 Pound Traffic Rated Top, Add	*390.02*	
33 05 63 00-0435	EA	48" x 48" x 48" Precast Concrete Handholes With Steel Cover	3,592.07	917.56
		Note: 8000 To 12000 pound traffic rated top.		
		For 15,000 to 22,500 Pound Traffic Rated Top, Add	*540.05*	
33 05 63 00-0436	EA	48" x 72" x 36" Precast Concrete Handholes With Steel Cover	3,581.26	786.48
		Note: 8000 To 12000 pound traffic rated top.		
		For 15,000 to 22,500 Pound Traffic Rated Top, Add	*579.34*	
33 05 63 00-0437	EA	54" x 38" x 24" Precast Concrete Handholes With Steel Cover	3,619.74	786.48
		Note: 8000 To 12000 pound traffic rated top.		
		For 15,000 to 22,500 Pound Traffic Rated Top, Add	*409.14*	
33 05 63 00-0438	EA	6" Diameter Precast Concrete Handholes With Steel Cover	787.92	262.16
		Note: 8000 To 12000 pound traffic rated top.		
		For 15,000 to 22,500 Pound Traffic Rated Top, Add	*15.00*	
33 05 63 00-0439	EA	9" Diameter Precast Concrete Handholes With Steel Cover	934.53	294.93
		Note: 8000 To 12000 pound traffic rated top.		
		For 15,000 to 22,500 Pound Traffic Rated Top, Add	*15.00*	
33 05 63 00-0440	EA	12" Diameter Precast Concrete Handholes With Steel Cover	1,162.16	327.70
		Note: 8000 To 12000 pound traffic rated top.		
		For 15,000 to 22,500 Pound Traffic Rated Top, Add	*15.00*	
33 05 63 00-0441	EA	2' Type II Cans Cast Iron Handholes	280.98	

33 05 81 Metallic Castings for Utility Structures *(33 05)*

33 05 81 00-0001 Manhole Accessories *(33 05 81)*

33 05 81 00-0002 Steps For Cast-In-Place Manholes *(33 05 81 00-0001)*

33 05 81 00-0003	EA	Cast Iron Manhole Step For New Manholes	104.13	
33 05 81 00-0004	EA	Galvanized Steel Manhole Step For New Manholes	69.59	
33 05 81 00-0005	EA	Aluminum Manhole Step For New Manholes	100.42	

33 05 81 00-0006 Manhole Covers And Frames *(33 05 81)*

Note: Includes moisture-tight masonry joints and waterproof grouting.

33 05 81 00-0007 Regular Manhole Covers And Frames *(33 05 81 00-0006)*

33 05 81 00-0008	EA	18" Square, Gray Iron, Manhole Cover With Frame	2,639.62	104.64
		For Ductile Iron Castings, Add	*1,626.29*	
33 05 81 00-0009	EA	18" Diameter, Gray Iron, Manhole Cover With Frame	1,444.06	104.64
		For Ductile Iron Castings, Add	*789.40*	
33 05 81 00-0010	EA	24" Diameter, Gray Iron, Manhole Cover With Frame	1,668.90	121.68
		For Ductile Iron Castings, Add	*912.71*	
33 05 81 00-0011	EA	24" Square, Gray Iron, Manhole Cover With Frame	2,671.05	135.05
		For Ductile Iron Castings, Add	*1,585.84*	
33 05 81 00-0012	EA	26" Diameter, Gray Iron, Manhole Cover With Frame	2,237.00	146.01
		For Ductile Iron Castings, Add	*1,258.07*	
33 05 81 00-0013	EA	30" Diameter, Gray Iron, Manhole Cover With Frame	2,334.53	152.09
		For Ductile Iron Castings, Add	*1,314.79*	

33 05 81 00-0014 Watertight Type Manhole Covers And Frames *(33 05 81 00-0006)*

33 05 81 00-0015	EA	20" Diameter, Gray Iron, Watertight Manhole Cover With Frame	2,909.34	86.39
		For Ductile Iron Castings, Add	*1,795.84*	
33 05 81 00-0016	EA	22" Diameter, Gray Iron, Watertight Manhole Cover With Frame	2,946.07	86.39
		For Ductile Iron Castings, Add	*1,801.72*	
33 05 81 00-0017	EA	24" Diameter, Gray Iron, Watertight Manhole Cover With Frame	2,996.43	100.99
		For Ductile Iron Castings, Add	*1,813.60*	
33 05 81 00-0018	EA	26" Diameter, Gray Iron, Watertight Manhole Cover With Frame	3,581.59	113.15
		For Ductile Iron Castings, Add	*2,199.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 81 00-0019	EA	30" Diameter, Gray Iron, Watertight Manhole Cover With Frame	4,165.25	115.59
		For Ductile Iron Castings, Add	*2,596.29*	
33 05 81 00-0020	EA	32" Diameter, Gray Iron, Watertight Manhole Cover With Frame	4,389.51	118.02
		For Ductile Iron Castings, Add	*2,749.10*	
33 05 81 00-0021	EA	36" Diameter, Gray Iron, Watertight Manhole Cover With Frame	4,590.22	121.68
		For Ductile Iron Castings, Add	*2,885.25*	

33 05 81 00-0022 Aluminum Manhole Covers And Frames *(33 05 81 00-0006)*

33 05 81 00-0023	EA	12" Square Aluminum Manhole Cover With Frame	1,261.16	37.36
33 05 81 00-0024	EA	18" Square Aluminum Manhole Cover With Frame	2,304.75	41.35
33 05 81 00-0025	EA	24" Square Aluminum Manhole Cover With Frame	3,304.80	48.02

33 05 81 00-0026 Removal And Reinstallation Of Manhole Cover And Frame *(33 05 81 00-0006)*

Note: Includes surrounding asphalt removal and repair. Excludes saw cutting.

33 05 81 00-0027	EA	Removal And Reinstallation Of Manhole Cover And Frame	487.83	

33 05 83 Non-Metallic Accessories for Utility Structures *(33 05)*

33 05 83 00-0001 Manhole Accessories *(33 05 83)*

33 05 83 00-0002 Steps For Cast-In-Place Manholes *(33 05 83 00-0001)*

33 05 83 00-0003	EA	Polypropylene Manhole Step For New Manholes	53.44	

33 05 83 00-0004 Rainguard Inflow Protectors *(33 05 83)*

33 05 83 00-0005	EA	18" Diameter Acrylonitrile Butadiene Styrene (ABS) Rainguard Inflow Protectors	155.53	26.89
33 05 83 00-0006	EA	22" Diameter Acrylonitrile Butadiene Styrene (ABS) Rainguard Inflow Protectors	179.04	26.89
33 05 83 00-0007	EA	24" Diameter Acrylonitrile Butadiene Styrene (ABS) Rainguard Inflow Protectors	214.09	32.27
33 05 83 00-0008	EA	26" Diameter Acrylonitrile Butadiene Styrene (ABS) Rainguard Inflow Protectors	228.94	32.27
33 05 83 00-0009	EA	30" Diameter Acrylonitrile Butadiene Styrene (ABS) Rainguard Inflow Protectors	283.56	37.65
33 05 83 00-0010	EA	32" Diameter Acrylonitrile Butadiene Styrene (ABS) Rainguard Inflow Protectors	301.80	37.65

33 05 84 Accessories for Utility Structures *(33 05)*

See CSI section 22 13 19 26-0044 for oil interceptors, 22 13 23 00-0000 for sediment interceptors, 31 23 16 00-0000 for excavation.

33 05 84 00-0001 Manhole Accessories *(33 05 84)*

33 05 84 00-0002 Precast Concrete Manhole Tops *(33 05 84 00-0001)*

33 05 84 00-0003 Precast Concrete Manhole Slab Tops *(33 05 84 00-0002)*

33 05 84 00-0004	EA	3' Diameter x 8" Thick Precast Manhole Top Slab	658.15	91.25
33 05 84 00-0005	EA	4' Diameter x 8" Thick Precast Manhole Top Slab	916.34	98.55
33 05 84 00-0006	EA	5' Diameter x 8" Thick Precast Manhole Top Slab	1,235.82	105.85
33 05 84 00-0007	EA	6' Diameter x 8" Thick Precast Manhole Top Slab	1,477.87	113.15

33 05 84 00-0008 Precast Concrete Manhole Cone Tops *(33 05 84 00-0002)*

33 05 84 00-0009	EA	3' Diameter x 8" Thick Precast Manhole Top Cone	1,042.53	114.07
33 05 84 00-0010	EA	3'-6" Diameter x 8" Thick Precast Manhole Top Cone	1,158.48	118.63
33 05 84 00-0011	EA	4' Diameter x 8" Thick Precast Manhole Top Cone	1,274.46	123.20
33 05 84 00-0012	EA	5' Diameter x 8" Thick Precast Manhole Top Cone	1,500.28	130.79
33 05 84 00-0013	EA	6' Diameter x 8" Thick Precast Manhole Top Cone	1,732.21	139.92
33 05 84 00-0014	EA	7' Diameter x 8" Thick Precast Manhole Top Cone	2,734.57	149.05
33 05 84 00-0015	EA	8' Diameter x 10" Thick Precast Manhole Top Cone	3,431.13	164.25

33 05 84 00-0016 Pipe To Manhole Connector *(33 05 84 00-0001)*

33 05 84 00-0017 Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connectors *(33 05 84 00-0016)*

33 05 84 00-0018	EA	4" Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connector	119.52	
33 05 84 00-0019	EA	6" Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connector	190.11	
33 05 84 00-0020	EA	8" Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connector	213.62	
33 05 84 00-0021	EA	10" Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connector	345.15	
33 05 84 00-0022	EA	12" Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connector	491.42	
33 05 84 00-0023	EA	15" Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connector	642.01	
33 05 84 00-0024	EA	18" Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connector	1,208.11	
33 05 84 00-0025	EA	21" Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connector	1,690.22	
33 05 84 00-0026	EA	24" Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connector	2,727.59	
33 05 84 00-0027	EA	27" Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connector	3,192.91	

33 05 84 00-0028 Elastomeric Polyvinyl Chloride (PVC) Flexible Manhole Adapter And Grout

(33 05 84 00-0016)

Note: Fernco CMA.

33 05 84 00-0029	EA	4" Elastomeric Polyvinyl Chloride (PVC) Flexible Manhole Adapter And Grout	123.18	
33 05 84 00-0030	EA	6" Elastomeric Polyvinyl Chloride (PVC) Flexible Manhole Adapter And Grout	170.74	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 84 00-0031	EA	8" Elastomeric Polyvinyl Chloride (PVC) Flexible Manhole Adapter And Grout	215.65	
33 05 84 00-0032	EA	10" Elastomeric Polyvinyl Chloride (PVC) Flexible Manhole Adapter And Grout	260.34	
33 05 84 00-0033	EA	12" Elastomeric Polyvinyl Chloride (PVC) Flexible Manhole Adapter And Grout	302.10	
33 05 84 00-0034		Brick And Grout Pipe To Manhole Connector *(33 05 84 00-0016)*		
33 05 84 00-0035	EA	Seal Gap Between Pipe And Structure With Brick And Grout	297.34	
33 05 84 00-0036		Inverts For Manholes *(33 05 84 00-0001)*		
33 05 84 00-0037	EA	Single Channel Concrete Invert For Manholes	504.71	
33 05 84 00-0038	EA	Double Channel Concrete Invert For Manholes	730.61	
33 05 84 00-0039	EA	Triple Channel Concrete Invert For Manholes	983.04	
33 05 84 00-0040	EA	Quad Channel Concrete Invert For Manholes	1,235.40	
33 05 84 00-0041	EA	Single Channel Brick Invert For Manholes	732.88	
33 05 84 00-0042	EA	Double Channel Brick Invert For Manholes	1,097.45	
33 05 84 00-0043	EA	Triple Channel Brick Invert For Manholes	1,468.36	
33 05 84 00-0044	EA	Quad Channel Brick Invert For Manholes	1,834.73	
33 05 84 00-0045		Protective Coating For New Manholes *(33 05 84 00-0001)*		
33 05 84 00-0046		Polyurethane Protective Coating For New Manholes *(33 05 84 00-0045)*		
33 05 84 00-0047	VLF	60 Mil Polyurethane Coating Of 3' Diameter Manhole Interior	212.87	
		For 80 Mil Material, Add	*31.83*	
		For 100 Mil Material, Add	*63.66*	
		For 125 Mil Material, Add	*100.61*	
		For 150 Mil Material, Add	*137.57*	
		For 200 Mil Material, Add	*203.89*	
		For 2 To 5 Manholes, Deduct	*-14.43*	
		For 6 To 10 Manholes, Deduct	*-23.54*	
		For >10 Manholes, Deduct	*-47.08*	
33 05 84 00-0048	VLF	60 Mil Polyurethane Coating Of 3-1/2' Diameter Manhole Interior	256.82	
		For 80 Mil Material, Add	*37.79*	
		For 100 Mil Material, Add	*75.58*	
		For 125 Mil Material, Add	*119.34*	
		For 150 Mil Material, Add	*163.11*	
		For 200 Mil Material, Add	*241.39*	
		For 2 To 5 Manholes, Deduct	*-17.47*	
		For 6 To 10 Manholes, Deduct	*-28.52*	
		For >10 Manholes, Deduct	*-57.03*	
33 05 84 00-0049	VLF	60 Mil Polyurethane Coating Of 4' Diameter Manhole Interior	283.82	
		For 80 Mil Material, Add	*42.44*	
		For 100 Mil Material, Add	*84.88*	
		For 125 Mil Material, Add	*134.15*	
		For 150 Mil Material, Add	*183.41*	
		For 200 Mil Material, Add	*271.85*	
		For 2 To 5 Manholes, Deduct	*-19.24*	
		For 6 To 10 Manholes, Deduct	*-31.38*	
		For >10 Manholes, Deduct	*-62.77*	
33 05 84 00-0050	VLF	60 Mil Polyurethane Coating Of 5' Diameter Manhole Interior	354.85	
		For 80 Mil Material, Add	*53.07*	
		For 100 Mil Material, Add	*106.15*	
		For 125 Mil Material, Add	*167.76*	
		For 150 Mil Material, Add	*229.37*	
		For 200 Mil Material, Add	*339.97*	
		For 2 To 5 Manholes, Deduct	*-24.05*	
		For 6 To 10 Manholes, Deduct	*-39.23*	
		For >10 Manholes, Deduct	*-78.47*	
33 05 84 00-0051	VLF	60 Mil Polyurethane Coating Of 6' Diameter Manhole Interior	412.33	
		For 80 Mil Material, Add	*62.67*	
		For 100 Mil Material, Add	*125.35*	
		For 125 Mil Material, Add	*198.26*	
		For 150 Mil Material, Add	*271.18*	
		For 200 Mil Material, Add	*402.54*	
		For 2 To 5 Manholes, Deduct	*-27.85*	
		For 6 To 10 Manholes, Deduct	*-45.40*	
		For >10 Manholes, Deduct	*-90.79*	
33 05 84 00-0052		Polyvinyl Chloride (PVC) Liner *(33 05 84 00-0045)*		
		Note: For new manholes and shop applied.		
33 05 84 00-0053	VLF	3' Diameter Polyvinyl Chloride (PVC) Liner For New Manhole	288.76	
33 05 84 00-0054	VLF	3-1/2' Diameter Polyvinyl Chloride (PVC) Liner For New Manhole	353.97	
33 05 84 00-0055	VLF	4' Diameter Polyvinyl Chloride (PVC) Liner For New Manhole	431.97	
33 05 84 00-0056	VLF	5' Diameter Polyvinyl Chloride (PVC) Liner For New Manhole	542.48	
33 05 84 00-0057	VLF	6' Diameter Polyvinyl Chloride (PVC) Liner For New Manhole	652.98	
33 05 84 00-0058	SF	Polyvinyl Chloride (PVC) Liner At Structures	80.03	
33 05 84 00-0059		Concrete Grade Extensions/Grade Rings *(33 05 84 00-0001)*		
33 05 84 00-0060		18" Diameter, Concrete Grade Extensions/Grade Rings *(33 05 84 00-0059)*		
33 05 84 00-0061	EA	4" Rise, 18" Diameter, Concrete Grade Extensions/Grade Rings	100.49	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 84 00-0062	EA	6" Rise, 18" Diameter, Concrete Grade Extensions/Grade Ring	109.63	
33 05 84 00-0063	EA	8" Rise, 18" Diameter, Concrete Grade Extensions/Grade Ring	118.78	
33 05 84 00-0064	EA	10" Rise, 18" Diameter, Concrete Grade Extensions/Grade Ring	127.92	
33 05 84 00-0065		24" Diameter, Concrete Grade Extensions/Grade Rings *(33 05 84 00-0059)*		
33 05 84 00-0066	EA	4" Rise, 24" Diameter, Concrete Grade Extensions/Grade Ring	112.79	
33 05 84 00-0067	EA	6" Rise, 24" Diameter, Concrete Grade Extensions/Grade Ring	123.19	
33 05 84 00-0068	EA	8" Rise, 24" Diameter, Concrete Grade Extensions/Grade Ring	133.58	
33 05 84 00-0069	EA	10" Rise, 24" Diameter, Concrete Grade Extensions/Grade Ring	143.97	
33 05 84 00-0070		30" Diameter, Concrete Grade Extensions/Grade Rings *(33 05 84 00-0059)*		
33 05 84 00-0071	EA	4" Rise, 30" Diameter, Concrete Grade Extensions/Grade Ring	124.86	
33 05 84 00-0072	EA	6" Rise, 30" Diameter, Concrete Grade Extensions/Grade Ring	136.45	
33 05 84 00-0073	EA	8" Rise, 30" Diameter, Concrete Grade Extensions/Grade Ring	148.04	
33 05 84 00-0074	EA	10" Rise, 30" Diameter, Concrete Grade Extensions/Grade Ring	159.63	
33 05 84 00-0075		Bentonite Collar *(33 05 84 00-0001)*		
33 05 84 00-0076		Bentonite Collar At Manhole Connections *(33 05 84 00-0075)*		
33 05 84 00-0077	EA	Up To 12" Pipe, Bentonite Collar At Manhole Connection	148.16	
33 05 84 00-0078	EA	>12" To 21", Bentonite Collar At Manhole Connection	234.63	
33 05 84 00-0079	EA	>21" To 30" Pipe, Bentonite Collar At Manhole Connection	370.87	
33 05 84 00-0080	EA	>30" To 36" Pipe, Bentonite Collar At Manhole Connection	865.82	
33 05 84 00-0081	EA	>36" To 48" Pipe, Bentonite Collar At Manhole Connection	1,357.75	
33 05 84 00-0082	EA	>48" To 60" Pipe, Bentonite Collar At Manhole Connection	2,467.79	
33 05 84 00-0083		Drainage Related Items *(33 05 84)* Note: The following City of Chicago, Department of Transportation standard site work tasks are all-inclusive, assembly work tasks and shall be used in lieu of individual component tasks. Refer to the appropriate specifications contained in Book 4 for a complete definition of what is included in these work tasks.		
33 05 84 00-0084	EA	Manhole, Type A (Except Frame And Lid), (0 > 5)	6,987.09	
33 05 84 00-0085	EA	Manhole, Type A (Except Frame And Lid), (5 > 10)	6,366.13	
33 05 84 00-0086	EA	Manhole, Type A (Except Frame And Lid), (10 >)	5,714.14	
33 05 84 00-0087	EA	Manhole, Type B (Except Frame And Lid), (0 > 5)	12,677.59	
33 05 84 00-0088	EA	Manhole, Type B (Except Frame And Lid), (5 > 10)	12,407.13	
33 05 84 00-0089	EA	Manhole, Type B (Except Frame And Lid), (10 >)	10,885.75	
33 05 84 00-0090	EA	Manhole, Type C (Except Frame And Lid), (0 > 5)	20,268.60	
33 05 84 00-0091	EA	Manhole, Type C (Except Frame And Lid), (5 > 10)	18,474.81	
33 05 84 00-0092	EA	Manhole, Type C (Except Frame And Lid), (10 >)	16,126.10	
33 05 84 00-0093	EA	Catch Basins, Type A, Plastic Restrictor, (0 > 10) Includes half trap. Excludes frame and lid	3,924.87	
33 05 84 00-0094	EA	Catch Basins, Type A, Plastic Restrictor, (10 > 100) Includes half trap. Excludes frame and lid	3,561.33	
33 05 84 00-0095	EA	Catch Basins, Type A, Plastic Restrictor, (100 >) Includes half trap. Excludes frame and lid	3,295.29	
33 05 84 00-0096	EA	Catch Basins, Type A, Steel Restrictor, (0 > 10) Includes half trap. Excludes frame and lid	3,924.87	
33 05 84 00-0097	EA	Catch Basins, Type A, Steel Restrictor, (10 > 100) Includes half trap. Excludes frame and lid	3,561.33	
33 05 84 00-0098	EA	Catch Basins, Type A, Steel Restrictor, (100 >) Includes half trap. Excludes frame and lid	3,295.29	
33 05 84 00-0099	EA	Inlet, Type A, (Except Frame And Lid), (0 > 5)	2,007.66	
33 05 84 00-0100	EA	Inlet, Type A, (Except Frame And Lid), (5 >)	1,841.63	
33 05 84 00-0101		Vertical Adjustment of Utility Structures *(33 05 84)* Note: The following City of Chicago, Department of Transportation standard site work tasks are all-inclusive, assembly work tasks and shall be used in lieu of individual component tasks. Refer to the appropriate specifications contained in Book 4 for a complete definition of what is included in these work tasks.		
33 05 84 00-0102	EA	Vertical Adjustment of Water Valve Boxes for Services > 2"	189.74	
33 05 84 00-0103	EA	Vertical Adjustment of Water Service Shut Off Boxes for Services < 3"	189.74	
33 05 84 00-0104	EA	Vertical Adjustment of Water Service Meter Vaults for 1" Service	210.28	

33 05 97 Identification and Signage for Utilities *(33 05)*

33 05 97 23 Utility Identification Warning Tape *(33 05 97)*

33 05 97 23-0001		Non-Detectable Utility Warning Tape *(33 05 97 23)* Note: Labor installation is included with pipe and excavation..		
33 05 97 23-0002	CLF	3" Non-Detectable Utility Warning Tape	8.95	
33 05 97 23-0003	CLF	6" Non-Detectable Utility Warning Tape	12.35	
33 05 97 23-0004		Detectable Utility Warning Tape *(33 05 97 23)* Note: Labor installation is included with pipe and excavation..		
33 05 97 23-0005	CLF	2" Detectable Utility Warning Tape	9.00	
33 05 97 23-0006	CLF	3" Detectable Utility Warning Tape	12.11	
33 05 97 23-0007	CLF	6" Detectable Utility Warning Tape	19.01	

33 10 Water Utilities *(33)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

33 11 Groundwater Sources *(33 10)*

33 11 13 Potable Water Supply Wells *(33 11)*

33 11 13 00-0001 Drill And Test Water Well *(33 11 13)*

33 11 13 00-0002 Drill Hole *(33 11 13 00-0001)*

Note: Excludes loading and hauling of spoils.

33 11 13 00-0003 Mobilization And Demobilization *(33 11 13 00-0002)*

33 11 13 00-0004	EA	Up To 12" Diameter, Well Drilling Mobilization And Demobilization	1,087.92	

33 11 13 00-0005 Drill Hole In Normal Soil, Sand, Gravel, O.B. *(33 11 13 00-0002)*

Note: Excludes well casing, gravel or materials.

33 11 13 00-0006	LF	Up To 6" Well Hole Drilled In Normal Soil, Sand, Gravel, O.B.	26.18	
		For >100 To 250, Add	*0.65*	
		For >250 To 400, Add	*1.31*	
		For >400 To 600, Add	*1.96*	
		For >600 To 750, Add	*2.62*	
		For >750, Add	*3.27*	
33 11 13 00-0007	LF	8" Water Well Hole Drilled In Normal Soil, Sand, Gravel, O.B.	31.08	
		For >100 To 250, Add	*0.78*	
		For >250 To 400, Add	*1.55*	
		For >400 To 600, Add	*2.33*	
		For >600 To 750, Add	*3.11*	
		For >750, Add	*3.89*	
33 11 13 00-0008	LF	10" Water Well Hole Drilled In Normal Soil, Sand, Gravel, O.B.	41.54	
		For >100 To 250, Add	*1.04*	
		For >250 To 400, Add	*2.08*	
		For >400 To 600, Add	*3.12*	
		For >600 To 750, Add	*4.15*	
		For >750, Add	*5.19*	
33 11 13 00-0009	LF	12" Water Well Hole Drilled In Normal Soil, Sand, Gravel, O.B.	65.02	
		For >100 To 250, Add	*1.63*	
		For >250 To 400, Add	*3.25*	
		For >400 To 600, Add	*4.88*	
		For >600 To 750, Add	*6.50*	
		For >750, Add	*8.13*	

33 11 13 00-0010 Drill Hole In Sedimentary Rock *(33 11 13 00-0002)*

33 11 13 00-0011	LF	6" Water Well Hole Drilled In Sedimentary Rock	53.37	
		For >100 To 250, Add	*1.33*	
		For >250 To 400, Add	*2.67*	
		For >400 To 600, Add	*4.00*	
		For >600 To 750, Add	*5.34*	
		For >750, Add	*6.67*	
33 11 13 00-0012	LF	8" Water Well Hole Drilled In Sedimentary Rock	62.14	
		For >100 To 250, Add	*1.55*	
		For >250 To 400, Add	*3.11*	
		For >400 To 600, Add	*4.66*	
		For >600 To 750, Add	*6.21*	
		For >750, Add	*7.77*	
33 11 13 00-0013	LF	10" Water Well Hole Drilled In Sedimentary Rock	99.51	
		For >100 To 250, Add	*2.49*	
		For >250 To 400, Add	*4.98*	
		For >400 To 600, Add	*7.46*	
		For >600 To 750, Add	*9.95*	
		For >750, Add	*12.44*	
33 11 13 00-0014	LF	12" Water Well Hole Drilled In Sedimentary Rock	130.10	
		For >100 To 250, Add	*3.25*	
		For >250 To 400, Add	*6.51*	
		For >400 To 600, Add	*9.76*	
		For >600 To 750, Add	*13.01*	
		For >750, Add	*16.26*	

33 11 13 00-0015 Drill Hole In Crystalline Rock *(33 11 13 00-0002)*

33 11 13 00-0016	LF	6" Water Well Hole Drilled In Crystalline Rock	109.77	
		For >100 To 250, Add	*2.74*	
		For >250 To 400, Add	*5.49*	
		For >400 To 600, Add	*8.23*	
		For >600 To 750, Add	*10.98*	
		For >750, Add	*13.72*	
33 11 13 00-0017	LF	8" Water Well Hole Drilled In Crystalline Rock	126.65	
		For >100 To 250, Add	*3.17*	
		For >250 To 400, Add	*6.33*	
		For >400 To 600, Add	*9.50*	
		For >600 To 750, Add	*12.67*	
		For >750, Add	*15.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 11 13 00-0018	LF	10" Water Well Hole Drilled In Crystalline Rock	145.24	
		For >100 To 250, Add	*3.63*	
		For >250 To 400, Add	*7.26*	
		For >400 To 600, Add	*10.89*	
		For >600 To 750, Add	*14.52*	
		For >750, Add	*18.16*	
33 11 13 00-0019	LF	12" Water Well Hole Drilled In Crystalline Rock	184.08	
		For >100 To 250, Add	*4.60*	
		For >250 To 400, Add	*9.20*	
		For >400 To 600, Add	*13.81*	
		For >600 To 750, Add	*18.41*	
		For >750, Add	*23.01*	

33 11 13 00-0020 Furnish And Install Casing *(33 11 13 00-0001)*

Note: Excludes drilling of hole.

33 11 13 00-0021 Stainless Steel Well Casing, Flush Threaded *(33 11 13 00-0020)*

33 11 13 00-0022	LF	6" Diameter, Stainless Steel Well Casing, Flush	114.07	
		For >100 To 250, Deduct	*-3.12*	
		For >250 To 400, Deduct	*-5.97*	
		For >400 To 600, Deduct	*-8.95*	
		For >600 To 750, Deduct	*-11.94*	
		For >750, Deduct	*-15.26*	
33 11 13 00-0023	LF	8" Diameter, Stainless Steel Well Casing, Flush	171.67	
		For >100 To 250, Deduct	*-4.62*	
		For >250 To 400, Deduct	*-8.91*	
		For >400 To 600, Deduct	*-13.37*	
		For >600 To 750, Deduct	*-17.83*	
		For >750, Deduct	*-22.71*	
33 11 13 00-0024	LF	10" Diameter, Stainless Steel Well Casing, Flush	240.07	
		For >100 To 250, Deduct	*-6.42*	
		For >250 To 400, Deduct	*-12.43*	
		For >400 To 600, Deduct	*-18.64*	
		For >600 To 750, Deduct	*-24.85*	
		For >750, Deduct	*-31.62*	
33 11 13 00-0025	LF	12" Diameter, Stainless Steel Well Casing, Flush	279.14	
		For >100 To 250, Deduct	*-7.48*	
		For >250 To 400, Deduct	*-14.46*	
		For >400 To 600, Deduct	*-21.69*	
		For >600 To 750, Deduct	*-28.92*	
		For >750, Deduct	*-36.80*	

33 11 13 00-0026 Polyvinyl Chloride (PVC) Well Casing, Schedule 80 *(33 11 13 00-0020)*

33 11 13 00-0027	LF	6" Polyvinyl Chloride (PVC) Well Casing	80.37	
		For >100 To 250, Deduct	*-2.22*	
		For >250 To 400, Deduct	*-4.23*	
		For >400 To 600, Deduct	*-6.35*	
		For >600 To 750, Deduct	*-8.46*	
		For >750, Deduct	*-10.85*	
33 11 13 00-0028	LF	8" Polyvinyl Chloride (PVC) Well Casing	127.74	
		For >100 To 250, Deduct	*-3.52*	
		For >250 To 400, Deduct	*-6.72*	
		For >400 To 600, Deduct	*-10.08*	
		For >600 To 750, Deduct	*-13.43*	
		For >750, Deduct	*-17.22*	
33 11 13 00-0029	LF	10" Polyvinyl Chloride (PVC) Well Casing	193.01	
		For >100 To 250, Deduct	*-5.33*	
		For >250 To 400, Deduct	*-10.15*	
		For >400 To 600, Deduct	*-15.23*	
		For >600 To 750, Deduct	*-20.31*	
		For >750, Deduct	*-26.03*	
33 11 13 00-0030	LF	12" Polyvinyl Chloride (PVC) Well Casing	227.41	
		For >100 To 250, Deduct	*-6.29*	
		For >250 To 400, Deduct	*-11.98*	
		For >400 To 600, Deduct	*-17.97*	
		For >600 To 750, Deduct	*-23.96*	
		For >750, Deduct	*-30.74*	

33 11 13 00-0031 Furnish And Install Well Screen Assembly *(33 11 13 00-0001)*

33 11 13 00-0032 Stainless Steel Well Screen *(33 11 13 00-0031)*

33 11 13 00-0033	LF	2" Stainless Steel Well Screen	34.27	2.12
		For >100 To 250, Deduct	*-1.13*	
		For >250 To 400, Deduct	*-1.98*	
		For >400 To 600, Deduct	*-2.98*	
		For >600 To 750, Deduct	*-3.97*	
		For >750, Deduct	*-5.31*	
33 11 13 00-0034	LF	3" Stainless Steel Well Screen	55.30	2.12
		For >100 To 250, Deduct	*-1.68*	
		For >250 To 400, Deduct	*-3.06*	
		For >400 To 600, Deduct	*-4.59*	
		For >600 To 750, Deduct	*-6.12*	
		For >750, Deduct	*-8.02*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 11 13 00-0035	LF	4" Stainless Steel Well Screen	69.46	3.17
		For >100 To 250, Deduct	*-2.11*	
		For >250 To 400, Deduct	*-3.84*	
		For >400 To 600, Deduct	*-5.76*	
		For >600 To 750, Deduct	*-7.69*	
		For >750, Deduct	*-10.09*	
33 11 13 00-0036	LF	5" Stainless Steel Well Screen	88.00	3.17
		For >100 To 250, Deduct	*-2.64*	
		For >250 To 400, Deduct	*-4.84*	
		For >400 To 600, Deduct	*-7.26*	
		For >600 To 750, Deduct	*-9.68*	
		For >750, Deduct	*-12.67*	
33 11 13 00-0037	LF	6" Stainless Steel Well Screen	105.13	4.22
		For >100 To 250, Deduct	*-3.22*	
		For >250 To 400, Deduct	*-5.84*	
		For >400 To 600, Deduct	*-8.77*	
		For >600 To 750, Deduct	*-11.69*	
		For >750, Deduct	*-15.37*	

33 11 13 00-0038 Slotted Polyvinyl Chloride (PVC) Well Screen, Schedule 40 *(33 11 13 00-0031)*

33 11 13 00-0039	LF	2" Diameter Slotted Polyvinyl Chloride (PVC) Well Screen	33.32	
		For >100 To 250, Deduct	*-1.17*	
		For >250 To 400, Deduct	*-2.00*	
		For >400 To 600, Deduct	*-3.00*	
		For >600 To 750, Deduct	*-4.00*	
		For >750, Deduct	*-5.43*	
		For Schedule 80, Add	*8.01*	
33 11 13 00-0040	LF	3" Diameter Slotted Polyvinyl Chloride (PVC) Well Screen	51.53	
		For >100 To 250, Deduct	*-1.65*	
		For >250 To 400, Deduct	*-2.93*	
		For >400 To 600, Deduct	*-4.40*	
		For >600 To 750, Deduct	*-5.87*	
		For >750, Deduct	*-7.80*	
		For Schedule 80, Add	*14.88*	
33 11 13 00-0041	LF	4" Diameter Slotted Polyvinyl Chloride (PVC) Well Screen	64.78	
		For >100 To 250, Deduct	*-2.07*	
		For >250 To 400, Deduct	*-3.69*	
		For >400 To 600, Deduct	*-5.54*	
		For >600 To 750, Deduct	*-7.38*	
		For >750, Deduct	*-9.82*	
		For Schedule 80, Add	*18.66*	
33 11 13 00-0042	LF	5" Diameter Slotted Polyvinyl Chloride (PVC) Well Screen	81.69	
		For >100 To 250, Deduct	*-2.58*	
		For >250 To 400, Deduct	*-4.62*	
		For >400 To 600, Deduct	*-6.94*	
		For >600 To 750, Deduct	*-9.25*	
		For >750, Deduct	*-12.26*	
		For Schedule 80, Add	*24.04*	
33 11 13 00-0043	LF	6" Diameter Slotted Polyvinyl Chloride (PVC) Well Screen	87.46	
		For >100 To 250, Deduct	*-2.91*	
		For >250 To 400, Deduct	*-5.09*	
		For >400 To 600, Deduct	*-7.64*	
		For >600 To 750, Deduct	*-10.19*	
		For >750, Deduct	*-13.67*	
		For Schedule 80, Add	*23.47*	

33 11 13 00-0044 Submersible Well Pumps *(33 11 13)*

Note: Includes pump end, motor and control box.

33 11 13 00-0045 4" Submersible Well Pumps *(33 11 13 00-0044)*

33 11 13 00-0046 Powder Coated Case And Cast Iron Ends *(33 11 13 00-0045)*

33 11 13 00-0047	EA	1/2 HP Submersible Well Pump, 4" Diameter Powder Coated Case And Cast Iron Ends	1,435.47	503.76
33 11 13 00-0048	EA	3/4 HP Submersible Well Pump, 4" Diameter Powder Coated Case And Cast Iron Ends	1,635.31	558.35
33 11 13 00-0049	EA	1 HP Submersible Well Pump, 4" Diameter Powder Coated Case And Cast Iron Ends	1,815.06	620.38

33 11 13 00-0050 Stainless Steel Case And Ends *(33 11 13 00-0045)*

33 11 13 00-0051	EA	1/2 HP Submersible Well Pump, 4" Diameter Stainless Steel	1,608.35	496.31
33 11 13 00-0052	EA	3/4 HP Submersible Well Pump, 4" Diameter Stainless Steel	1,833.07	558.35
33 11 13 00-0053	EA	1 HP Submersible Well Pump, 4" Diameter Stainless Steel	2,054.25	620.38
33 11 13 00-0054	EA	1-1/2 HP Submersible Well Pump, 4" Diameter Stainless Steel	2,348.84	682.42
33 11 13 00-0055	EA	2 HP Submersible Well Pump, 4" Diameter Stainless Steel	2,654.07	744.47
33 11 13 00-0056	EA	3 HP Submersible Well Pump, 4" Diameter Stainless Steel	3,257.46	868.54
33 11 13 00-0057	EA	5 HP Submersible Well Pump, 4" Diameter Stainless Steel	4,082.27	992.62

33 11 13 00-0058 6" Submersible Well Pumps *(33 11 13 00-0044)*

33 11 13 00-0059	EA	5 HP Submersible Well Pump, 6" Diameter Stainless Steel	4,011.40	1,240.77
33 11 13 00-0060	EA	7.5 HP Submersible Well Pump, 6" Diameter Stainless Steel	4,615.97	1,364.85
33 11 13 00-0061	EA	10 HP Submersible Well Pump, 6" Diameter Stainless Steel	5,243.04	1,488.92
33 11 13 00-0062	EA	15 HP Submersible Well Pump, 6" Diameter Stainless Steel	6,340.18	1,737.08

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

33 14 Water Utility Transmission and Distribution *(33 10)*

33 14 11 Water Utility Transmission Piping *(33 14)*

See CSI section 31 23 16 00-0000 for excavation.

33 14 13 Public Water Utility Distribution Piping *(33 14)*

Note: Piping includes hydrostatic testing, disinfecting and warning tape. Excludes excavation and backfill. See CSI section 31 23 16 00-0000 for excavation.

33 14 13 13 Ductile Iron Public Water Utility Distribution Piping *(33 14 13)*

33 14 13 13-0001 Ductile Iron Piping *(33 14 13 13)*

33 14 13 13-0002 Mechanical Joint Ductile Iron Piping *(33 14 13 13-0001)*

Note: Cement lining and bituminous coating shall conform to ANSI A21.4. Fittings are C153. See CSI section 33 14 13 13-0334 for bolts and gaskets.

33 14 13 13-0003 Mechanical Joint Ductile Iron Pipe *(33 14 13 13-0002)*

Note: Conforming to ANSI/AWWA C151/A21.51, federal specification WW-P-421D.

33 14 13 13-0004	LF	3", Class 51, Mechanical Joint Ductile Iron Pipe	49.61	14.16
		For Installation In Tunnel (Includes Skids, Spacers And All Materials), Add	*9.24*	
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*19.74*	
		For Cement Mortar Lining (CML), Add	*2.82*	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	*15.23*	
		For Fusion Bonded Epoxy Lining (206N), Add	*5.08*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*2.12*	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	*-2.48*	
		For Class 52, Add	*8.86*	
		For Class 53, Add	*15.92*	
		For Class 54, Add	*22.68*	
		For Class 55, Add	*26.11*	
		For Class 56, Add	*29.48*	
33 14 13 13-0005	LF	4", Class 50, Mechanical Joint Ductile Iron Pipe	53.80	15.06
		For Installation In Tunnel (Includes Skids, Spacers And All Materials), Add	*9.94*	
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*21.69*	
		For Cement Mortar Lining (CML), Add	*3.10*	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	*16.73*	
		For Fusion Bonded Epoxy Lining (206N), Add	*5.58*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*2.32*	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	*-2.69*	
		For Class 51, Add	*4.51*	
		For Class 52, Add	*9.71*	
		For Class 53, Add	*17.46*	
		For Class 54, Add	*24.88*	
		For Class 55, Add	*28.64*	
		For Class 56, Add	*32.34*	
33 14 13 13-0006	LF	6", Class 50, Mechanical Joint Ductile Iron Pipe	57.53	15.81
		For Installation In Tunnel (Includes Skids, Spacers And All Materials), Add	*10.53*	
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*23.54*	
		For Cement Mortar Lining (CML), Add	*3.36*	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	*18.16*	
		For Fusion Bonded Epoxy Lining (206N), Add	*6.05*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*2.52*	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	*-2.88*	
		For Class 51, Add	*4.88*	
		For Class 52, Add	*10.52*	
		For Class 53, Add	*18.92*	
		For Class 54, Add	*26.97*	
		For Class 55, Add	*31.04*	
		For Class 56, Add	*35.04*	
33 14 13 13-0007	LF	8", Class 50, Mechanical Joint Ductile Iron Pipe	67.92	16.43
		For Installation In Tunnel (Includes Skids, Spacers And All Materials), Add	*11.77*	
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*30.11*	
		For Cement Mortar Lining (CML), Add	*4.30*	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	*23.23*	
		For Fusion Bonded Epoxy Lining (206N), Add	*7.74*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*3.23*	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	*-3.40*	
		For Class 51, Add	*6.17*	
		For Class 52, Add	*13.32*	
		For Class 53, Add	*23.99*	
		For Class 54, Add	*34.22*	
		For Class 55, Add	*39.35*	
		For Class 56, Add	*44.39*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0008	LF	10", Class 50, Mechanical Joint Ductile Iron Pipe	91.30	23.33
		For Installation In Tunnel (Includes Skids, Spacers And All Materials), Add	*16.20*	
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*33.58*	
		For Cement Mortar Lining (CML), Add	*5.60*	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	*27.98*	
		For Fusion Bonded Epoxy Lining (206N), Add	*10.07*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*4.20*	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	*-4.57*	
		For Class 51, Add	*8.07*	
		For Class 52, Add	*17.40*	
		For Class 53, Add	*31.31*	
		For Class 54, Add	*44.65*	
		For Class 55, Add	*51.37*	
		For Class 56, Add	*57.97*	
33 14 13 13-0009	LF	12", Class 50, Mechanical Joint Ductile Iron Pipe	110.75	25.92
		For Installation In Tunnel (Includes Skids, Spacers And All Materials), Add	*18.93*	
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*35.74*	
		For Cement Mortar Lining (CML), Add	*7.15*	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	*28.59*	
		For Fusion Bonded Epoxy Lining (206N), Add	*12.87*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*5.36*	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	*-5.54*	
		For Class 51, Add	*10.23*	
		For Class 52, Add	*22.08*	
		For Class 53, Add	*39.78*	
		For Class 54, Add	*56.75*	
		For Class 55, Add	*65.25*	
		For Class 56, Add	*73.60*	
33 14 13 13-0010	LF	14", Class 50, Mechanical Joint Ductile Iron Pipe	132.82	29.11
		For Installation In Tunnel (Includes Skids, Spacers And All Materials), Add	*22.12*	
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*39.00*	
		For Cement Mortar Lining (CML), Add	*8.86*	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	*30.14*	
		For Fusion Bonded Epoxy Lining (206N), Add	*15.96*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*6.65*	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	*-6.64*	
		For Class 51, Add	*12.63*	
		For Class 52, Add	*27.26*	
		For Class 53, Add	*49.16*	
		For Class 54, Add	*70.14*	
		For Class 55, Add	*80.63*	
		For Class 56, Add	*90.93*	
33 14 13 13-0011	LF	16", Class 50, Mechanical Joint Ductile Iron Pipe	149.86	33.34
		For Installation In Tunnel (Includes Skids, Spacers And All Materials), Add	*25.08*	
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*40.74*	
		For Cement Mortar Lining (CML), Add	*9.94*	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	*30.80*	
		For Fusion Bonded Epoxy Lining (206N), Add	*17.89*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*7.45*	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	*-7.49*	
		For Class 51, Add	*14.18*	
		For Class 52, Add	*30.59*	
		For Class 53, Add	*55.15*	
		For Class 54, Add	*78.68*	
		For Class 55, Add	*90.45*	
		For Class 56, Add	*102.01*	
33 14 13 13-0012	LF	18", Class 50, Mechanical Joint Ductile Iron Pipe	186.35	38.89
		For Installation In Tunnel (Includes Skids, Spacers And All Materials), Add	*30.42*	
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*52.25*	
		For Cement Mortar Lining (CML), Add	*12.74*	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	*39.51*	
		For Fusion Bonded Epoxy Lining (206N), Add	*22.94*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*9.56*	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	*-9.32*	
		For Class 51, Add	*18.11*	
		For Class 52, Add	*39.08*	
		For Class 53, Add	*70.50*	
		For Class 54, Add	*100.62*	
		For Class 55, Add	*115.64*	
		For Class 56, Add	*130.39*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0013	LF	20", Class 50, Mechanical Joint Ductile Iron Pipe	211.05	46.65
		For Installation In Tunnel (Includes Skids, Spacers And All Materials), Add	*35.25*	
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*53.33*	
		For Cement Mortar Lining (CML), Add	*14.04*	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	*39.30*	
		For Fusion Bonded Epoxy Lining (206N), Add	*25.26*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*10.53*	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	*-10.55*	
		For Class 51, Add	*20.01*	
		For Class 52, Add	*43.18*	
		For Class 53, Add	*77.86*	
		For Class 54, Add	*111.10*	
		For Class 55, Add	*127.72*	
		For Class 56, Add	*144.04*	
33 14 13 13-0014	LF	24", Class 50, Mechanical Joint Ductile Iron Pipe	276.73	58.32
		For Installation In Tunnel (Includes Skids, Spacers And All Materials), Add	*45.35*	
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*58.39*	
		For Cement Mortar Lining (CML), Add	*18.84*	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	*39.56*	
		For Fusion Bonded Epoxy Lining (206N), Add	*33.90*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*14.13*	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	*-13.84*	
		For Class 51, Add	*26.78*	
		For Class 52, Add	*57.79*	
		For Class 53, Add	*104.26*	
		For Class 54, Add	*148.78*	
		For Class 55, Add	*171.00*	
		For Class 56, Add	*192.82*	

33 14 13 13-0015 Mechanical Joint Ductile Iron 90 Degree Elbow *(33 14 13 13-0002)*

33 14 13 13-0016	EA	3" Mechanical Joint Ductile Iron 90 Degree Elbow	189.11	44.69
		For Cement Mortar Lining (CML), Add	*12.14*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*21.85*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*9.10*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0017	EA	4" Mechanical Joint Ductile Iron 90 Degree Elbow	213.02	53.41
		For Cement Mortar Lining (CML), Add	*13.21*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*23.78*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*9.91*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0018	EA	6" Mechanical Joint Ductile Iron 90 Degree Elbow	335.51	78.92
		For Cement Mortar Lining (CML), Add	*21.60*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*38.88*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*16.20*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0019	EA	8" Mechanical Joint Ductile Iron 90 Degree Elbow	456.08	93.62
		For Cement Mortar Lining (CML), Add	*31.42*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*56.55*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*23.56*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0020	EA	10" Mechanical Joint Ductile Iron 90 Degree Elbow	656.53	103.45
		For Cement Mortar Lining (CML), Add	*49.98*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*89.97*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*37.49*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0021	EA	12" Mechanical Joint Ductile Iron 90 Degree Elbow	856.78	121.36
		For Cement Mortar Lining (CML), Add	*67.30*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*121.14*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*50.47*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0022	EA	14" Mechanical Joint Ductile Iron 90 Degree Elbow	1,332.59	136.09
		For Cement Mortar Lining (CML), Add	*112.64*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*202.75*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*84.48*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0023	EA	16" Mechanical Joint Ductile Iron 90 Degree Elbow	1,765.50	155.52
		For Cement Mortar Lining (CML), Add	*152.99*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*275.37*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*114.74*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0024	EA	18" Mechanical Joint Ductile Iron 90 Degree Elbow	2,172.09	217.74
		For Cement Mortar Lining (CML), Add	*184.22*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*331.60*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*138.17*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0025	EA	20" Mechanical Joint Ductile Iron 90 Degree Elbow	2,981.14	272.17
		For Cement Mortar Lining (CML), Add	*256.88*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*462.38*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*192.66*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0026	EA	24" Mechanical Joint Ductile Iron 90 Degree Elbow	4,383.65	362.42
		For Cement Mortar Lining (CML), Add	*383.44*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*690.20*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*287.58*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0027		**Mechanical Joint Ductile Iron 45 Degree Elbow** *(33 14 13 13-0002)*		
33 14 13 13-0028	EA	3" Mechanical Joint Ductile Iron 45 Degree Elbow	176.61	44.69
		For Cement Mortar Lining (CML), Add	*10.89*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*19.60*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*8.17*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0029	EA	4" Mechanical Joint Ductile Iron 45 Degree Elbow	189.81	53.41
		For Cement Mortar Lining (CML), Add	*10.89*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*19.60*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*8.17*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0030	EA	6" Mechanical Joint Ductile Iron 45 Degree Elbow	294.45	78.92
		For Cement Mortar Lining (CML), Add	*17.49*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*31.49*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*13.12*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0031	EA	8" Mechanical Joint Ductile Iron 45 Degree Elbow	397.17	93.62
		For Cement Mortar Lining (CML), Add	*25.53*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*45.95*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*19.15*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0032	EA	10" Mechanical Joint Ductile Iron 45 Degree Elbow	529.79	103.45
		For Cement Mortar Lining (CML), Add	*37.31*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*67.16*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*27.98*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0033	EA	12" Mechanical Joint Ductile Iron 45 Degree Elbow	740.75	121.36
		For Cement Mortar Lining (CML), Add	*55.70*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*100.25*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*41.77*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0034	EA	14" Mechanical Joint Ductile Iron 45 Degree Elbow	1,082.67	136.09
		For Cement Mortar Lining (CML), Add	*87.65*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*157.77*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*65.74*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0035	EA	16" Mechanical Joint Ductile Iron 45 Degree Elbow	1,328.14	155.52
		For Cement Mortar Lining (CML), Add	*109.25*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*196.65*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*81.94*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0036	EA	18" Mechanical Joint Ductile Iron 45 Degree Elbow	1,897.19	217.74
		For Cement Mortar Lining (CML), Add	*156.73*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*282.12*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*117.55*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0037	EA	20" Mechanical Joint Ductile Iron 45 Degree Elbow	2,086.79	272.17
		For Cement Mortar Lining (CML), Add	*167.44*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*301.40*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*125.58*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0038	EA	24" Mechanical Joint Ductile Iron 45 Degree Elbow	3,093.01	362.42
		For Cement Mortar Lining (CML), Add	*254.38*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*457.88*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*190.79*	
		Note: ANSI/AWWA C151/A21.51		

33 14 13 13-0039 Mechanical Joint Ductile Iron 22-1/2 Degree Elbow *(33 14 13 13-0002)*

33 14 13 13-0040	EA	3" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	153.41	44.69
		For Cement Mortar Lining (CML), Add	*8.57*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*15.42*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*6.43*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0041	EA	4" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	184.46	53.41
		For Cement Mortar Lining (CML), Add	*10.35*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*18.64*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*7.77*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0042	EA	6" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	280.17	78.92
		For Cement Mortar Lining (CML), Add	*16.07*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*28.92*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*12.05*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0043	EA	8" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	391.82	93.62
		For Cement Mortar Lining (CML), Add	*24.99*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*44.99*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*18.74*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0044	EA	10" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	528.00	103.45
		For Cement Mortar Lining (CML), Add	*37.13*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*66.83*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*27.85*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0045	EA	12" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	671.13	121.36
		For Cement Mortar Lining (CML), Add	*48.73*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*87.72*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*36.55*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0046	EA	14" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	1,093.38	136.09
		For Cement Mortar Lining (CML), Add	*88.72*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*159.70*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*66.54*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0047	EA	16" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	1,283.52	155.52
		For Cement Mortar Lining (CML), Add	*104.79*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*188.62*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*78.59*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0048	EA	18" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	1,616.92	217.74
		For Cement Mortar Lining (CML), Add	*128.71*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*231.67*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*96.53*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0049	EA	20" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	2,161.77	272.17
		For Cement Mortar Lining (CML), Add	*174.94*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*314.90*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*131.21*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0050	EA	24" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	2,896.64	362.42
		For Cement Mortar Lining (CML), Add	*234.74*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*422.54*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*176.06*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0051		**Mechanical Joint Ductile Iron 11-1/4 Degree Elbow** *(33 14 13 13-0002)*		
33 14 13 13-0052	EA	3" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	153.41	44.69
		For Cement Mortar Lining (CML), Add	*8.57*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*15.42*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*6.43*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0053	EA	4" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	179.10	53.41
		For Cement Mortar Lining (CML), Add	*9.82*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*17.67*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*7.36*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0054	EA	6" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	285.53	78.92
		For Cement Mortar Lining (CML), Add	*16.60*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*29.88*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*12.45*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0055	EA	8" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	368.61	93.62
		For Cement Mortar Lining (CML), Add	*22.67*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*40.81*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*17.00*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0056	EA	10" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	524.43	103.45
		For Cement Mortar Lining (CML), Add	*36.77*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*66.19*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*27.58*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0057	EA	12" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	640.78	121.36
		For Cement Mortar Lining (CML), Add	*45.70*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*82.26*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*34.27*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0058	EA	14" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	1,218.34	136.09
		For Cement Mortar Lining (CML), Add	*101.22*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*182.19*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*75.91*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0059	EA	16" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	1,344.21	155.52
		For Cement Mortar Lining (CML), Add	*110.86*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*199.54*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*83.14*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0060	EA	18" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	1,956.09	217.74
		For Cement Mortar Lining (CML), Add	*162.62*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*292.72*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*121.97*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0061	EA	20" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	2,060.02	272.17
		For Cement Mortar Lining (CML), Add	*164.77*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*296.58*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*123.58*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0062	EA	24" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	2,746.69	362.42
		For Cement Mortar Lining (CML), Add	*219.75*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*395.55*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*164.81*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0063		Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow *(33 14 13 13-0002)*		
33 14 13 13-0064	EA	3" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	194.46	44.69
		For Cement Mortar Lining (CML), Add	*12.67*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*22.81*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*9.51*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0065	EA	4" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	238.01	53.41
		For Cement Mortar Lining (CML), Add	*15.71*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*28.28*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*11.78*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0066	EA	6" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	380.14	78.92
		For Cement Mortar Lining (CML), Add	*26.06*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*46.91*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*19.55*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0067	EA	8" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	514.99	93.62
		For Cement Mortar Lining (CML), Add	*37.31*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*67.16*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*27.98*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0068	EA	10" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	742.22	103.45
		For Cement Mortar Lining (CML), Add	*58.55*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*105.39*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*43.91*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0069	EA	12" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	949.61	121.36
		For Cement Mortar Lining (CML), Add	*76.58*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*137.85*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*57.44*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0070	EA	14" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	1,630.71	136.09
		For Cement Mortar Lining (CML), Add	*142.45*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*256.42*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*106.84*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0071	EA	16" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	2,492.04	155.52
		For Cement Mortar Lining (CML), Add	*225.64*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*406.15*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*169.23*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0072	EA	18" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	2,893.28	217.74
		For Cement Mortar Lining (CML), Add	*256.34*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*461.42*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*192.26*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0073	EA	20" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	3,930.82	272.17
		For Cement Mortar Lining (CML), Add	*351.85*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*633.32*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*263.89*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0074	EA	24" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	4,776.37	362.42
		For Cement Mortar Lining (CML), Add	*422.72*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*760.89*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*317.04*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0075		Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow *(33 14 13 13-0002)*		
33 14 13 13-0076	EA	3" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	178.40	44.69
		For Cement Mortar Lining (CML), Add	*11.07*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*19.92*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*8.30*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0077	EA	4" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	195.17	53.41
		For Cement Mortar Lining (CML), Add	*11.43*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*20.57*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*8.57*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0078	EA	6" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	314.09	78.92
		For Cement Mortar Lining (CML), Add	*19.46*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*35.02*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*14.59*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0079	EA	8" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	454.30	93.62
		For Cement Mortar Lining (CML), Add	*31.24*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*56.23*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*23.43*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0080	EA	10" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	620.83	103.45
		For Cement Mortar Lining (CML), Add	*46.41*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*83.54*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*34.81*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0081	EA	12" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	844.28	121.36
		For Cement Mortar Lining (CML), Add	*66.05*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*118.89*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*49.54*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0082	EA	14" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	1,443.27	136.09
		For Cement Mortar Lining (CML), Add	*123.71*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*222.68*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*92.78*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0083	EA	16" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	2,197.50	155.52
		For Cement Mortar Lining (CML), Add	*196.19*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*353.13*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*147.14*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0084	EA	18" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	2,595.17	217.74
		For Cement Mortar Lining (CML), Add	*226.53*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*407.76*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*169.90*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0085	EA	20" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	3,370.29	272.17
		For Cement Mortar Lining (CML), Add	*295.79*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*532.43*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*221.85*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0086	EA	24" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	4,235.48	362.42
		For Cement Mortar Lining (CML), Add	*368.63*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*663.53*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*276.47*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0087		**Mechanical Joint Ductile Iron Tee** *(33 14 13 13-0002)*		
33 14 13 13-0088	EA	3" x 3" Mechanical Joint Ductile Iron Tee	308.65	67.05
		For Cement Mortar Lining (CML), Add	*20.71*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*37.27*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*15.53*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0089	EA	4" x 3" Mechanical Joint Ductile Iron Tee	320.60	74.93
		For Cement Mortar Lining (CML), Add	*20.71*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*37.27*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*15.53*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0090	EA	4" x 4" Mechanical Joint Ductile Iron Tee	292.67	78.92
		For Cement Mortar Lining (CML), Add	*17.32*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*31.17*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*12.99*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0091	EA	6" x 3" Mechanical Joint Ductile Iron Tee	389.84	99.42
		For Cement Mortar Lining (CML), Add	*23.92*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*43.06*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*17.94*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0092	EA	6" x 4" Mechanical Joint Ductile Iron Tee	447.81	103.52
		For Cement Mortar Lining (CML), Add	*29.10*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*52.37*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*21.82*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0093	EA	6" x 6" Mechanical Joint Ductile Iron Tee	487.91	115.90
		For Cement Mortar Lining (CML), Add	*31.24*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*56.23*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*23.43*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0094	EA	8" x 4" Mechanical Joint Ductile Iron Tee	519.15	119.96
		For Cement Mortar Lining (CML), Add	*33.74*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*60.73*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*25.30*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0095	EA	8" x 6" Mechanical Joint Ductile Iron Tee	589.59	132.30
		For Cement Mortar Lining (CML), Add	*38.92*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*70.05*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*29.19*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0096	EA	8" x 8" Mechanical Joint Ductile Iron Tee	682.39	140.54
		For Cement Mortar Lining (CML), Add	*46.95*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*84.51*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*35.21*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0097	EA	10" x 4" Mechanical Joint Ductile Iron Tee	712.47	128.57
		For Cement Mortar Lining (CML), Add	*51.77*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*93.18*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*38.83*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0098	EA	10" x 6" Mechanical Joint Ductile Iron Tee	714.09	140.23
		For Cement Mortar Lining (CML), Add	*50.16*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*90.29*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*37.62*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0099	EA	10" x 8" Mechanical Joint Ductile Iron Tee	811.56	148.01
		For Cement Mortar Lining (CML), Add	*58.73*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*105.71*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*44.05*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0100	EA	10" x 10" Mechanical Joint Ductile Iron Tee	906.86	155.52
		For Cement Mortar Lining (CML), Add	*67.12*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*120.82*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*50.34*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0101	EA	12" x 4" Mechanical Joint Ductile Iron Tee	852.08	144.12
		For Cement Mortar Lining (CML), Add	*63.37*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*114.07*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*47.53*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0102	EA	12" x 6" Mechanical Joint Ductile Iron Tee	967.92	155.77
		For Cement Mortar Lining (CML), Add	*73.19*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*131.74*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*54.89*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0103	EA	12" x 8" Mechanical Joint Ductile Iron Tee	1,188.57	163.56
		For Cement Mortar Lining (CML), Add	*94.08*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*169.34*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*70.56*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0104	EA	12" x 10" Mechanical Joint Ductile Iron Tee	1,273.15	171.08
		For Cement Mortar Lining (CML), Add	*101.40*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*182.51*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*76.05*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0105	EA	12" x 12" Mechanical Joint Ductile Iron Tee	1,208.17	178.85
		For Cement Mortar Lining (CML), Add	*93.72*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*168.69*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*70.29*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0106	EA	14" x 6" Mechanical Joint Ductile Iron Tee	1,288.98	181.51
		For Cement Mortar Lining (CML), Add	*101.40*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*182.51*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*76.05*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0107	EA	14" x 8" Mechanical Joint Ductile Iron Tee	1,434.65	189.30
		For Cement Mortar Lining (CML), Add	*114.78*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*206.61*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*86.09*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0108	EA	14" x 10" Mechanical Joint Ductile Iron Tee	1,831.61	196.82
		For Cement Mortar Lining (CML), Add	*153.34*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*276.02*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*115.01*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0109	EA	14" x 12" Mechanical Joint Ductile Iron Tee	1,957.64	204.58
		For Cement Mortar Lining (CML), Add	*164.77*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*296.58*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*123.58*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0110	EA	14" x 14" Mechanical Joint Ductile Iron Tee	1,889.67	217.50
		For Cement Mortar Lining (CML), Add	*156.02*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*280.83*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*117.01*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0111	EA	16" x 6" Mechanical Joint Ductile Iron Tee	1,638.27	217.72
		For Cement Mortar Lining (CML), Add	*130.85*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*235.53*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*98.14*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0112	EA	16" x 8" Mechanical Joint Ductile Iron Tee	1,762.64	225.51
		For Cement Mortar Lining (CML), Add	*142.10*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*255.77*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*106.57*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0113	EA	16" x 10" Mechanical Joint Ductile Iron Tee	2,052.50	233.02
		For Cement Mortar Lining (CML), Add	*169.94*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*305.90*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*127.46*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0114	EA	16" x 12" Mechanical Joint Ductile Iron Tee	2,246.37	240.80
		For Cement Mortar Lining (CML), Add	*188.15*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*338.67*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*141.11*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0115	EA	16" x 14" Mechanical Joint Ductile Iron Tee	2,703.21	253.67
		For Cement Mortar Lining (CML), Add	*231.89*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*417.40*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*173.92*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0116	EA	16" x 16" Mechanical Joint Ductile Iron Tee	2,555.71	271.82
		For Cement Mortar Lining (CML), Add	*214.39*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*385.91*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*160.79*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0117	EA	18" x 6" Mechanical Joint Ductile Iron Tee	2,275.14	278.65
		For Cement Mortar Lining (CML), Add	*185.30*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*333.53*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*138.97*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0118	EA	18" x 8" Mechanical Joint Ductile Iron Tee	2,440.45	286.42
		For Cement Mortar Lining (CML), Add	*200.65*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*361.16*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*150.49*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0119	EA	18" x 10" Mechanical Joint Ductile Iron Tee	2,641.07	293.94
		For Cement Mortar Lining (CML), Add	*219.57*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*395.23*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*164.68*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0120	EA	18" x 12" Mechanical Joint Ductile Iron Tee	2,840.29	301.72
		For Cement Mortar Lining (CML), Add	*238.31*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*428.97*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*178.74*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0121	EA	18" x 14" Mechanical Joint Ductile Iron Tee	2,922.26	314.59
		For Cement Mortar Lining (CML), Add	*244.56*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*440.21*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*183.42*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0122	EA	18" x 16" Mechanical Joint Ductile Iron Tee	3,119.28	332.69
		For Cement Mortar Lining (CML), Add	*261.52*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*470.74*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*196.14*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0123	EA	18" x 18" Mechanical Joint Ductile Iron Tee	3,652.77	363.12
		For Cement Mortar Lining (CML), Add	*310.25*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*558.46*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*232.69*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0124	EA	20" x 6" Mechanical Joint Ductile Iron Tee	2,690.45	399.58
		For Cement Mortar Lining (CML), Add	*208.50*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*375.30*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*156.38*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0125	EA	20" x 8" Mechanical Joint Ductile Iron Tee	2,748.65	407.37
		For Cement Mortar Lining (CML), Add	*213.14*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*383.66*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*159.86*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0126	EA	20" x 10" Mechanical Joint Ductile Iron Tee	2,993.89	414.87
		For Cement Mortar Lining (CML), Add	*236.53*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*425.75*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*177.40*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0127	EA	20" x 12" Mechanical Joint Ductile Iron Tee	3,237.74	422.65
		For Cement Mortar Lining (CML), Add	*259.74*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*467.52*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*194.80*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0128	EA	20" x 14" Mechanical Joint Ductile Iron Tee	3,276.87	435.51
		For Cement Mortar Lining (CML), Add	*261.70*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*471.06*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*196.27*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0129	EA	20" x 16" Mechanical Joint Ductile Iron Tee	3,325.73	453.63
		For Cement Mortar Lining (CML), Add	*263.84*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*474.91*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*197.88*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0130	EA	20" x 18" Mechanical Joint Ductile Iron Tee	4,178.75	484.08
		For Cement Mortar Lining (CML), Add	*344.53*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*620.15*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*258.40*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0131	EA	20" x 20" Mechanical Joint Ductile Iron Tee	3,684.85	544.57
		For Cement Mortar Lining (CML), Add	*285.98*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*514.76*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*214.48*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0132	EA	24" x 6" Mechanical Joint Ductile Iron Tee	3,296.19	520.16
		For Cement Mortar Lining (CML), Add	*250.81*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*451.46*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*188.11*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0133	EA	24" x 8" Mechanical Joint Ductile Iron Tee	3,340.13	528.67
		For Cement Mortar Lining (CML), Add	*254.02*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*457.24*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*190.52*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0134	EA	24" x 10" Mechanical Joint Ductile Iron Tee	3,679.97	535.45
		For Cement Mortar Lining (CML), Add	*286.87*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*516.36*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*215.15*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0135	EA	24" x 12" Mechanical Joint Ductile Iron Tee	3,772.07	543.23
		For Cement Mortar Lining (CML), Add	*294.90*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*530.82*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*221.18*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0136	EA	24" x 14" Mechanical Joint Ductile Iron Tee	4,244.99	556.09
		For Cement Mortar Lining (CML), Add	*340.24*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*612.44*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*255.18*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0137	EA	24" x 16" Mechanical Joint Ductile Iron Tee	4,584.82	574.18
		For Cement Mortar Lining (CML), Add	*371.48*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*668.67*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*278.61*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0138	EA	24" x 18" Mechanical Joint Ductile Iron Tee	5,209.35	604.66
		For Cement Mortar Lining (CML), Add	*429.32*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*772.78*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*321.99*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0139	EA	24" x 20" Mechanical Joint Ductile Iron Tee	5,774.03	665.12
		For Cement Mortar Lining (CML), Add	*476.63*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*857.93*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*357.47*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0140	EA	24" x 24" Mechanical Joint Ductile Iron Tee	5,344.12	725.44
		For Cement Mortar Lining (CML), Add	*424.50*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*764.10*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*318.38*	
		Note: ANSI/AWWA C151/A21.51		

33 14 13 13-0141 Mechanical Joint Ductile Iron Wye (Laterals) *(33 14 13 13-0002)*

33 14 13 13-0142	EA	4" x 3" Mechanical Joint Ductile Iron Wye (Lateral)	265.27	74.93
		For Cement Mortar Lining (CML), Add	*15.17*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*27.31*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*11.38*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0143	EA	4" x 4" Mechanical Joint Ductile Iron Wye (Lateral)	403.33	78.88
		For Cement Mortar Lining (CML), Add	*28.38*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*51.09*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*21.29*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0144	EA	6" x 3" Mechanical Joint Ductile Iron Wye (Lateral)	389.84	99.42
		For Cement Mortar Lining (CML), Add	*23.92*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*43.06*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*17.94*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0145	EA	6" x 4" Mechanical Joint Ductile Iron Wye (Lateral)	449.60	103.52
		For Cement Mortar Lining (CML), Add	*29.28*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*52.70*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*21.96*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0146	EA	6" x 6" Mechanical Joint Ductile Iron Wye (Lateral)	603.95	115.83
		For Cement Mortar Lining (CML), Add	*42.84*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*77.12*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*32.13*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0147	EA	8" x 4" Mechanical Joint Ductile Iron Wye (Lateral)	772.63	119.96
		For Cement Mortar Lining (CML), Add	*59.09*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*106.36*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*44.32*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0148	EA	8" x 6" Mechanical Joint Ductile Iron Wye (Lateral)	694.91	132.30
		For Cement Mortar Lining (CML), Add	*49.45*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*89.01*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*37.09*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0149	EA	8" x 8" Mechanical Joint Ductile Iron Wye (Lateral)	837.69	140.51
		For Cement Mortar Lining (CML), Add	*62.48*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*112.46*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*46.86*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0150	EA	10" x 4" Mechanical Joint Ductile Iron Wye (Lateral)	1,189.10	128.57
		For Cement Mortar Lining (CML), Add	*99.43*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*178.98*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*74.57*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0151	EA	10" x 6" Mechanical Joint Ductile Iron Wye (Lateral)	1,258.55	140.23
		For Cement Mortar Lining (CML), Add	*104.61*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*188.29*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*78.46*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0152	EA	10" x 8" Mechanical Joint Ductile Iron Wye (Lateral)	1,445.28	148.01
		For Cement Mortar Lining (CML), Add	*122.10*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*219.78*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*91.58*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0153	EA	10" x 10" Mechanical Joint Ductile Iron Wye (Lateral)	1,626.26	155.52
		For Cement Mortar Lining (CML), Add	*139.06*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*250.31*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*104.30*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0154	EA	12" x 4" Mechanical Joint Ductile Iron Wye (Lateral)	1,516.14	144.12
		For Cement Mortar Lining (CML), Add	*129.78*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*233.60*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*97.33*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0155	EA	12" x 6" Mechanical Joint Ductile Iron Wye (Lateral)	1,714.10	155.77
		For Cement Mortar Lining (CML), Add	*147.81*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*266.05*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*110.86*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0156	EA	12" x 8" Mechanical Joint Ductile Iron Wye (Lateral)	2,063.28	163.56
		For Cement Mortar Lining (CML), Add	*181.55*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*326.78*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*136.16*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0157	EA	12" x 10" Mechanical Joint Ductile Iron Wye (Lateral)	2,122.87	171.08
		For Cement Mortar Lining (CML), Add	*186.37*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*335.46*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*139.78*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0158	EA	12" x 12" Mechanical Joint Ductile Iron Wye (Lateral)	1,925.79	178.84
		For Cement Mortar Lining (CML), Add	*165.48*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*297.87*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*124.11*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0159	EA	14" x 6" Mechanical Joint Ductile Iron Wye (Lateral)	2,267.22	181.51
		For Cement Mortar Lining (CML), Add	*199.22*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*358.59*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*149.41*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0160	EA	14" x 8" Mechanical Joint Ductile Iron Wye (Lateral)	2,593.20	189.30
		For Cement Mortar Lining (CML), Add	*230.64*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*415.15*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*172.98*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0161	EA	14" x 10" Mechanical Joint Ductile Iron Wye (Lateral)	3,381.09	196.82
		For Cement Mortar Lining (CML), Add	*308.29*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*554.92*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*231.22*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0162	EA	14" x 12" Mechanical Joint Ductile Iron Wye (Lateral)	3,621.37	204.58
		For Cement Mortar Lining (CML), Add	*331.14*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*596.05*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*248.36*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0163	EA	14" x 14" Mechanical Joint Ductile Iron Wye (Lateral)	3,540.91	217.46
		For Cement Mortar Lining (CML), Add	*321.14*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*578.06*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*240.86*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0164	EA	16" x 6" Mechanical Joint Ductile Iron Wye (Lateral)	2,332.79	217.72
		For Cement Mortar Lining (CML), Add	*200.29*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*360.52*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*150.22*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0165	EA	16" x 8" Mechanical Joint Ductile Iron Wye (Lateral)	2,565.94	225.51
		For Cement Mortar Lining (CML), Add	*222.43*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*400.37*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*166.82*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0166	EA	16" x 10" Mechanical Joint Ductile Iron Wye (Lateral)	3,021.82	233.02
		For Cement Mortar Lining (CML), Add	*266.88*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*480.38*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*200.16*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0167	EA	16" x 12" Mechanical Joint Ductile Iron Wye (Lateral)	3,378.13	240.80
		For Cement Mortar Lining (CML), Add	*301.33*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*542.39*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*226.00*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0168	EA	16" x 14" Mechanical Joint Ductile Iron Wye (Lateral)	4,222.35	253.67
		For Cement Mortar Lining (CML), Add	*383.80*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*690.84*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*287.85*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0169	EA	16" x 16" Mechanical Joint Ductile Iron Wye (Lateral)	4,074.85	271.77
		For Cement Mortar Lining (CML), Add	*366.31*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*659.35*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*274.73*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0170	EA	18" x 6" Mechanical Joint Ductile Iron Wye (Lateral)	3,665.75	278.65
		For Cement Mortar Lining (CML), Add	*324.36*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*583.84*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*243.27*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0171	EA	18" x 8" Mechanical Joint Ductile Iron Wye (Lateral)	3,945.31	286.42
		For Cement Mortar Lining (CML), Add	*351.13*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*632.04*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*263.35*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0172	EA	18" x 10" Mechanical Joint Ductile Iron Wye (Lateral)	4,215.54	293.94
		For Cement Mortar Lining (CML), Add	*377.02*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*678.63*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*282.76*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0173	EA	18" x 12" Mechanical Joint Ductile Iron Wye (Lateral)	4,509.37	301.72
		For Cement Mortar Lining (CML), Add	*405.22*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*729.40*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*303.92*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0174	EA	18" x 14" Mechanical Joint Ductile Iron Wye (Lateral)	4,561.00	314.59
		For Cement Mortar Lining (CML), Add	*408.44*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*735.18*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*306.33*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0175	EA	18" x 16" Mechanical Joint Ductile Iron Wye (Lateral)	4,609.86	332.69
		For Cement Mortar Lining (CML), Add	*410.58*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*739.04*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*307.93*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0176	EA	18" x 18" Mechanical Joint Ductile Iron Wye (Lateral)	4,224.01	363.16
		For Cement Mortar Lining (CML), Add	*367.38*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*661.28*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*275.53*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0177	EA	20" x 6" Mechanical Joint Ductile Iron Wye (Lateral)	4,357.75	399.58
		For Cement Mortar Lining (CML), Add	*375.23*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*675.42*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*281.42*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0178	EA	20" x 8" Mechanical Joint Ductile Iron Wye (Lateral)	4,453.44	407.37
		For Cement Mortar Lining (CML), Add	*383.62*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*690.52*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*287.72*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0179	EA	20" x 10" Mechanical Joint Ductile Iron Wye (Lateral)	4,886.12	414.87
		For Cement Mortar Lining (CML), Add	*425.75*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*766.35*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*319.31*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0180	EA	20" x 12" Mechanical Joint Ductile Iron Wye (Lateral)	5,315.62	422.65
		For Cement Mortar Lining (CML), Add	*467.52*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*841.54*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*350.64*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0181	EA	20" x 14" Mechanical Joint Ductile Iron Wye (Lateral)	5,370.81	435.51
		For Cement Mortar Lining (CML), Add	*471.09*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*847.97*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*353.32*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0182	EA	20" x 16" Mechanical Joint Ductile Iron Wye (Lateral)	5,435.74	453.63
		For Cement Mortar Lining (CML), Add	*474.84*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*854.72*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*356.13*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0183	EA	20" x 18" Mechanical Joint Ductile Iron Wye (Lateral)	6,292.33	484.08
		For Cement Mortar Lining (CML), Add	*555.89*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,000.59*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*416.91*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0184	EA	20" x 20" Mechanical Joint Ductile Iron Wye (Lateral)	5,973.38	544.55
		For Cement Mortar Lining (CML), Add	*514.83*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*926.69*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*386.12*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0185	EA	24" x 6" Mechanical Joint Ductile Iron Wye (Lateral)	5,302.67	520.16
		For Cement Mortar Lining (CML), Add	*451.46*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*812.62*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*338.59*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0186	EA	24" x 8" Mechanical Joint Ductile Iron Wye (Lateral)	5,371.59	527.92
		For Cement Mortar Lining (CML), Add	*457.17*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*822.90*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*342.88*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0187	EA	24" x 10" Mechanical Joint Ductile Iron Wye (Lateral)	5,973.85	535.45
		For Cement Mortar Lining (CML), Add	*516.26*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*929.26*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*387.19*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0188	EA	24" x 12" Mechanical Joint Ductile Iron Wye (Lateral)	6,249.81	543.23
		For Cement Mortar Lining (CML), Add	*542.68*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*976.82*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*407.01*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0189	EA	24" x 14" Mechanical Joint Ductile Iron Wye (Lateral)	7,204.72	556.09
		For Cement Mortar Lining (CML), Add	*636.22*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,145.19*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*477.16*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0190	EA	24" x 16" Mechanical Joint Ductile Iron Wye (Lateral)	7,997.97	574.18
		For Cement Mortar Lining (CML), Add	*712.80*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,283.04*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*534.60*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0191	EA	24" x 18" Mechanical Joint Ductile Iron Wye (Lateral)	8,943.82	604.66
		For Cement Mortar Lining (CML), Add	*802.77*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,444.98*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*602.08*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0192	EA	24" x 20" Mechanical Joint Ductile Iron Wye (Lateral)	9,826.25	665.12
		For Cement Mortar Lining (CML), Add	*881.85*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,587.33*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*661.39*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0193	EA	24" x 24" Mechanical Joint Ductile Iron Wye (Lateral)	8,739.41	725.39
		For Cement Mortar Lining (CML), Add	*764.03*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,375.26*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*573.02*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0194		Mechanical Joint Ductile Iron Cross *(33 14 13 13-0002)*		
33 14 13 13-0195	EA	3" x 3" Mechanical Joint Ductile Iron Cross	365.72	89.40
		For Cement Mortar Lining (CML), Add	*23.03*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*41.45*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*17.27*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0196	EA	4" x 3" Mechanical Joint Ductile Iron Cross	441.93	97.28
		For Cement Mortar Lining (CML), Add	*29.45*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*53.02*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*22.09*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0197	EA	4" x 4" Mechanical Joint Ductile Iron Cross	522.49	98.60
		For Cement Mortar Lining (CML), Add	*37.31*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*67.16*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*27.98*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0198	EA	6" x 3" Mechanical Joint Ductile Iron Cross	623.88	121.88
		For Cement Mortar Lining (CML), Add	*43.91*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*79.05*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*32.94*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0199	EA	6" x 4" Mechanical Joint Ductile Iron Cross	606.19	131.46
		For Cement Mortar Lining (CML), Add	*40.70*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*73.26*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*30.53*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0200	EA	6" x 6" Mechanical Joint Ductile Iron Cross	705.96	164.33
		For Cement Mortar Lining (CML), Add	*45.70*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*82.26*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*34.27*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0201	EA	8" x 4" Mechanical Joint Ductile Iron Cross	623.10	143.79
		For Cement Mortar Lining (CML), Add	*40.52*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*72.94*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*30.39*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0202	EA	8" x 6" Mechanical Joint Ductile Iron Cross	740.72	176.66
		For Cement Mortar Lining (CML), Add	*47.31*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*85.15*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*35.48*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0203	EA	8" x 8" Mechanical Joint Ductile Iron Cross	784.41	188.97
		For Cement Mortar Lining (CML), Add	*49.81*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*89.65*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*37.35*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0204	EA	10" x 4" Mechanical Joint Ductile Iron Cross	756.23	150.36
		For Cement Mortar Lining (CML), Add	*52.84*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*95.11*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*39.63*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0205	EA	10" x 6" Mechanical Joint Ductile Iron Cross	867.61	181.47
		For Cement Mortar Lining (CML), Add	*59.27*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*106.68*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*44.45*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0206	EA	10" x 8" Mechanical Joint Ductile Iron Cross	1,028.11	193.15
		For Cement Mortar Lining (CML), Add	*73.55*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*132.38*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*55.16*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0207	EA	10" x 10" Mechanical Joint Ductile Iron Cross	1,112.20	207.37
		For Cement Mortar Lining (CML), Add	*79.80*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*143.63*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*59.85*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0208	EA	12 x 4" Mechanical Joint Ductile Iron Cross	915.06	163.30
		For Cement Mortar Lining (CML), Add	*66.76*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*120.17*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*50.07*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0209	EA	12" x 6" Mechanical Joint Ductile Iron Cross	1,063.95	194.41
		For Cement Mortar Lining (CML), Add	*76.94*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*138.49*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*57.70*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0210	EA	12" x 8" Mechanical Joint Ductile Iron Cross	1,526.12	206.08
		For Cement Mortar Lining (CML), Add	*121.39*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*218.50*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*91.04*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0211	EA	12" x 10" Mechanical Joint Ductile Iron Cross	1,547.74	220.35
		For Cement Mortar Lining (CML), Add	*121.39*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*218.50*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*91.04*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0212	EA	12" x 12" Mechanical Joint Ductile Iron Cross	1,754.79	233.28
		For Cement Mortar Lining (CML), Add	*140.13*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*252.24*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*105.10*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0213	EA	14" x 6" Mechanical Joint Ductile Iron Cross	1,794.94	213.84
		For Cement Mortar Lining (CML), Add	*147.09*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*264.77*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*110.32*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0214	EA	14" x 8" Mechanical Joint Ductile Iron Cross	2,108.95	225.51
		For Cement Mortar Lining (CML), Add	*176.73*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*318.11*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*132.55*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0215	EA	14" x 10" Mechanical Joint Ductile Iron Cross	2,166.28	239.78
		For Cement Mortar Lining (CML), Add	*180.30*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*324.53*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*135.22*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0216	EA	14" x 12" Mechanical Joint Ductile Iron Cross	2,285.85	252.72
		For Cement Mortar Lining (CML), Add	*190.29*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*342.53*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*142.72*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0217	EA	14" x 14" Mechanical Joint Ductile Iron Cross	2,527.72	272.17
		For Cement Mortar Lining (CML), Add	*211.54*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*380.77*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*158.65*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0218	EA	16" x 6" Mechanical Joint Ductile Iron Cross	2,052.15	241.04
		For Cement Mortar Lining (CML), Add	*168.69*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*303.65*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*126.52*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0219	EA	16" x 8" Mechanical Joint Ductile Iron Cross	2,332.25	252.72
		For Cement Mortar Lining (CML), Add	*194.94*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*350.88*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*146.20*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0220	EA	16" x 10" Mechanical Joint Ductile Iron Cross	2,786.90	266.97
		For Cement Mortar Lining (CML), Add	*238.24*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*428.83*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*178.68*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0221	EA	16" x 12" Mechanical Joint Ductile Iron Cross	3,103.60	279.93
		For Cement Mortar Lining (CML), Add	*267.95*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*482.30*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*200.96*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0222	EA	16" x 14" Mechanical Joint Ductile Iron Cross	3,743.55	299.35
		For Cement Mortar Lining (CML), Add	*329.00*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*592.20*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*246.75*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0223	EA	16" x 16" Mechanical Joint Ductile Iron Cross	4,379.20	326.60
		For Cement Mortar Lining (CML), Add	*388.44*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*699.20*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*291.33*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0224	EA	18" x 6" Mechanical Joint Ductile Iron Cross	3,379.07	285.02
		For Cement Mortar Lining (CML), Add	*294.72*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*530.50*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*221.04*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0225	EA	18" x 8" Mechanical Joint Ductile Iron Cross	3,571.71	296.71
		For Cement Mortar Lining (CML), Add	*312.22*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*561.99*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*234.16*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0226	EA	18" x 10" Mechanical Joint Ductile Iron Cross	3,739.70	310.96
		For Cement Mortar Lining (CML), Add	*326.86*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*588.34*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*245.14*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0227	EA	18" x 12" Mechanical Joint Ductile Iron Cross	4,052.06	323.91
		For Cement Mortar Lining (CML), Add	*356.13*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*641.04*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*267.10*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0228	EA	18" x 14" Mechanical Joint Ductile Iron Cross	4,722.37	343.34
		For Cement Mortar Lining (CML), Add	*420.22*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*756.39*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*315.16*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0229	EA	18" x 16" Mechanical Joint Ductile Iron Cross	5,027.79	370.53
		For Cement Mortar Lining (CML), Add	*446.64*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*803.95*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*334.98*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0230	EA	18" x 18" Mechanical Joint Ductile Iron Cross	5,269.36	414.50
		For Cement Mortar Lining (CML), Add	*464.13*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*835.44*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*348.10*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0231	EA	20" x 6" Mechanical Joint Ductile Iron Cross	4,247.77	357.61
		For Cement Mortar Lining (CML), Add	*370.59*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*667.06*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*277.94*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0232	EA	20" x 8" Mechanical Joint Ductile Iron Cross	4,442.18	369.29
		For Cement Mortar Lining (CML), Add	*388.26*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*698.88*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*291.20*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0233	EA	20" x 10" Mechanical Joint Ductile Iron Cross	4,579.82	383.56
		For Cement Mortar Lining (CML), Add	*399.87*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*719.76*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*299.90*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0234	EA	20" x 12" Mechanical Joint Ductile Iron Cross	4,890.40	396.50
		For Cement Mortar Lining (CML), Add	*428.96*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*772.14*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*321.72*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0235	EA	20" x 14" Mechanical Joint Ductile Iron Cross	4,978.75	415.93
		For Cement Mortar Lining (CML), Add	*434.86*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*782.74*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*326.14*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0236	EA	20" x 16" Mechanical Joint Ductile Iron Cross	6,012.49	443.13
		For Cement Mortar Lining (CML), Add	*534.11*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*961.39*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*400.58*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0237	EA	20" x 18" Mechanical Joint Ductile Iron Cross	6,254.07	487.11
		For Cement Mortar Lining (CML), Add	*551.60*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*992.88*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*413.70*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0238	EA	20" x 20" Mechanical Joint Ductile Iron Cross	6,772.86	559.66
		For Cement Mortar Lining (CML), Add	*592.48*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,066.47*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*444.36*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0239	EA	24" x 6" Mechanical Joint Ductile Iron Cross	5,785.05	447.36
		For Cement Mortar Lining (CML), Add	*510.72*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*919.30*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*383.04*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0240	EA	24" x 8" Mechanical Joint Ductile Iron Cross	5,920.91	459.03
		For Cement Mortar Lining (CML), Add	*522.51*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*940.51*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*391.88*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0241	EA	24" x 10" Mechanical Joint Ductile Iron Cross	6,145.66	473.30
		For Cement Mortar Lining (CML), Add	*542.86*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*977.14*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*407.14*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0242	EA	24" x 12" Mechanical Joint Ductile Iron Cross	6,340.23	486.25
		For Cement Mortar Lining (CML), Add	*560.35*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,008.63*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*420.26*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0243	EA	24" x 14" Mechanical Joint Ductile Iron Cross	6,457.12	505.67
		For Cement Mortar Lining (CML), Add	*569.10*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,024.37*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*426.82*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0244	EA	24" x 16" Mechanical Joint Ductile Iron Cross	6,703.63	532.88
		For Cement Mortar Lining (CML), Add	*589.63*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,061.33*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*442.22*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0245	EA	24" x 18" Mechanical Joint Ductile Iron Cross	8,842.80	576.85
		For Cement Mortar Lining (CML), Add	*796.88*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,434.38*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*597.66*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0246	EA	24" x 20" Mechanical Joint Ductile Iron Cross	9,331.24	649.45
		For Cement Mortar Lining (CML), Add	*834.72*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,502.50*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*626.04*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0247	EA	24" x 24" Mechanical Joint Ductile Iron Cross	10,284.80	739.22
		For Cement Mortar Lining (CML), Add	*916.48*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,649.67*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*687.36*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0248		**Mechanical Joint x Mechanical Joint Ductile Iron Reducers** *(33 14 13 13-0002)*		
33 14 13 13-0249	EA	4" x 3" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	177.24	48.64
		For Cement Mortar Lining (CML), Add	*10.35*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*18.64*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*7.77*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0250	EA	6" x 3" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	206.62	60.96
		For Cement Mortar Lining (CML), Add	*11.43*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*20.57*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*8.57*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0251	EA	6" x 4" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	223.30	64.91
		For Cement Mortar Lining (CML), Add	*12.50*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*22.49*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*9.37*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0252	EA	8" x 4" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	282.29	73.14
		For Cement Mortar Lining (CML), Add	*17.14*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*30.85*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*12.85*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0253	EA	8" x 6" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	311.54	85.45
		For Cement Mortar Lining (CML), Add	*18.21*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*32.77*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*13.66*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0254	EA	10" x 4" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	339.39	76.72
		For Cement Mortar Lining (CML), Add	*22.31*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*40.17*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*16.74*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0255	EA	10" x 6" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	369.56	88.39
		For Cement Mortar Lining (CML), Add	*23.56*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*42.42*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*17.67*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0256	EA	10" x 8" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	404.55	96.17
		For Cement Mortar Lining (CML), Add	*25.88*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*46.59*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*19.41*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0257	EA	12" x 4" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	410.07	84.50
		For Cement Mortar Lining (CML), Add	*28.21*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*50.77*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*21.15*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0258	EA	12" x 6" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	456.31	96.17
		For Cement Mortar Lining (CML), Add	*31.06*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*55.91*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*23.30*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0259	EA	12" x 8" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	477.03	103.95
		For Cement Mortar Lining (CML), Add	*31.95*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*57.52*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*23.97*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0260	EA	12" x 10" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	522.33	111.46
		For Cement Mortar Lining (CML), Add	*35.35*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*63.62*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*26.51*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0261	EA	14" x 6" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	854.26	109.03
		For Cement Mortar Lining (CML), Add	*68.91*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*124.03*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*51.68*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0262	EA	14" x 8" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	830.34	116.82
		For Cement Mortar Lining (CML), Add	*65.34*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*117.60*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*49.00*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0263	EA	14" x 10" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	745.33	124.33
		For Cement Mortar Lining (CML), Add	*55.70*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*100.25*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*41.77*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0264	EA	14" x 12" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	783.88	132.10
		For Cement Mortar Lining (CML), Add	*58.37*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*105.07*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*43.78*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0265	EA	16" x 6" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,003.07	127.13
		For Cement Mortar Lining (CML), Add	*81.04*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*145.88*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*60.78*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0266	EA	16" x 8" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	984.52	134.92
		For Cement Mortar Lining (CML), Add	*78.01*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*140.42*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*58.51*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0267	EA	16" x 10" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	967.34	142.44
		For Cement Mortar Lining (CML), Add	*75.15*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*135.28*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*56.37*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0268	EA	16" x 12" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,048.75	150.21
		For Cement Mortar Lining (CML), Add	*82.12*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*147.81*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*61.59*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0269	EA	16" x 14" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,166.43	163.08
		For Cement Mortar Lining (CML), Add	*91.93*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*165.48*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*68.95*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0270	EA	18" x 8" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,252.03	165.38
		For Cement Mortar Lining (CML), Add	*100.15*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*180.26*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*75.11*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0271	EA	18" x 10" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,402.64	172.89
		For Cement Mortar Lining (CML), Add	*114.07*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*205.32*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*85.55*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0272	EA	18" x 12" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,353.73	180.67
		For Cement Mortar Lining (CML), Add	*108.00*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*194.40*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*81.00*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0273	EA	18" x 14" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,435.72	193.53
		For Cement Mortar Lining (CML), Add	*114.25*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*205.65*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*85.69*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0274	EA	18" x 16" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,513.12	211.65
		For Cement Mortar Lining (CML), Add	*119.25*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*214.64*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*89.43*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0275	EA	20" x 8" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,766.72	225.86
		For Cement Mortar Lining (CML), Add	*142.45*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*256.42*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*106.84*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0276	EA	20" x 10" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,695.98	233.36
		For Cement Mortar Lining (CML), Add	*134.24*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*241.63*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*100.68*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0277	EA	20" x 12" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,566.75	241.14
		For Cement Mortar Lining (CML), Add	*120.14*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*216.25*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*90.10*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0278	EA	20" x 14" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,577.32	254.00
		For Cement Mortar Lining (CML), Add	*119.25*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*214.64*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*89.43*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0279	EA	20" x 16" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,629.73	272.12
		For Cement Mortar Lining (CML), Add	*121.75*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*219.14*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*91.31*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0280	EA	20" x 18" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,952.58	302.57
		For Cement Mortar Lining (CML), Add	*149.42*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*268.95*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*112.06*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0281	EA	24" x 12" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	2,297.15	301.41
		For Cement Mortar Lining (CML), Add	*184.05*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*331.28*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*138.03*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0282	EA	24" x 14" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	2,363.06	314.29
		For Cement Mortar Lining (CML), Add	*188.69*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*339.64*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*141.52*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0283	EA	24" x 16" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	2,415.48	332.39
		For Cement Mortar Lining (CML), Add	*191.19*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*344.13*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*143.39*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0284	EA	24" x 18" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	2,377.73	362.85
		For Cement Mortar Lining (CML), Add	*182.80*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*329.03*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*137.10*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0285	EA	24" x 20" Mechanical Joint x Mechanical Joint Ductile Iron Reducer	2,904.92	423.33
		For Cement Mortar Lining (CML), Add	*226.35*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*407.44*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*169.76*	
		Note: ANSI/AWWA C151/A21.51		

33 14 13 13-0286 Mechanical Joint Ductile Iron Caps *(33 14 13 13-0002)*

33 14 13 13-0287	EA	3" Mechanical Joint Ductile Iron Caps	202.02	102.71
		For Cement Mortar Lining (CML), Add	*4.64*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*8.35*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*3.48*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0288	EA	4" Mechanical Joint Ductile Iron Caps	230.78	120.50
		For Cement Mortar Lining (CML), Add	*4.82*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*8.68*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*3.62*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0289	EA	6" Mechanical Joint Ductile Iron Caps	313.91	150.63
		For Cement Mortar Lining (CML), Add	*8.57*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*15.42*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*6.43*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0290	EA	8" Mechanical Joint Ductile Iron Caps	403.64	172.16
		For Cement Mortar Lining (CML), Add	*14.28*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*25.71*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*10.71*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0291	EA	10" Mechanical Joint Ductile Iron Caps	573.04	259.21
		For Cement Mortar Lining (CML), Add	*18.03*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*32.45*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*13.52*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0292	EA	12" Mechanical Joint Ductile Iron Caps	698.00	282.77
		For Cement Mortar Lining (CML), Add	*26.96*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*48.52*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*20.22*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0293	EA	14" Mechanical Joint Ductile Iron Caps	880.08	311.06
		For Cement Mortar Lining (CML), Add	*40.88*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*73.58*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*30.66*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0294	EA	16" Mechanical Joint Ductile Iron Caps	1,071.69	345.58
		For Cement Mortar Lining (CML), Add	*54.80*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*98.65*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*41.10*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0295	EA	18" Mechanical Joint Ductile Iron Caps	1,258.53	388.82
		For Cement Mortar Lining (CML), Add	*66.94*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*120.50*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*50.21*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0296	EA	20" Mechanical Joint Ductile Iron Caps	1,539.05	444.31
		For Cement Mortar Lining (CML), Add	*86.58*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*155.84*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*64.93*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0297	EA	24" Mechanical Joint Ductile Iron Caps	1,974.37	518.42
		For Cement Mortar Lining (CML), Add	*118.89*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*214.00*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*89.17*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0298		**Mechanical Joint Ductile Iron Plug** *(33 14 13 13-0002)*		
33 14 13 13-0299	EA	3" Mechanical Joint Ductile Iron Plug	209.16	102.71
		For Cement Mortar Lining (CML), Add	*5.36*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*9.64*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*4.02*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0300	EA	4" Mechanical Joint Ductile Iron Plug	241.49	120.50
		For Cement Mortar Lining (CML), Add	*5.89*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*10.60*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*4.42*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0301	EA	6" Mechanical Joint Ductile Iron Plug	342.47	150.63
		For Cement Mortar Lining (CML), Add	*11.43*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*20.57*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*8.57*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0302	EA	8" Mechanical Joint Ductile Iron Plug	432.20	172.16
		For Cement Mortar Lining (CML), Add	*17.14*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*30.85*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*12.85*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0303	EA	10" Mechanical Joint Ductile Iron Plug	689.07	259.21
		For Cement Mortar Lining (CML), Add	*29.63*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*53.34*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*22.22*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0304	EA	12" Mechanical Joint Ductile Iron Plug	730.14	282.77
		For Cement Mortar Lining (CML), Add	*30.17*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*54.30*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*22.63*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0305	EA	14" Mechanical Joint Ductile Iron Plug	1,085.37	311.06
		For Cement Mortar Lining (CML), Add	*61.41*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*110.53*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*46.06*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0306	EA	16" Mechanical Joint Ductile Iron Plug	602.21	345.58
		For Cement Mortar Lining (CML), Add	*7.86*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*14.14*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*5.89*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0307	EA	18" Mechanical Joint Ductile Iron Plug	1,563.79	388.82
		For Cement Mortar Lining (CML), Add	*97.47*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*175.44*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*73.10*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0308	EA	20" Mechanical Joint Ductile Iron Plug	1,954.99	444.31
		For Cement Mortar Lining (CML), Add	*128.17*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*230.71*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*96.13*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0309	EA	24" Mechanical Joint Ductile Iron Plug	2,563.46	518.42
		For Cement Mortar Lining (CML), Add	*177.80*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*320.04*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*133.35*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0310		**Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters** *(33 14 13 13-0002)*		
33 14 13 13-0311	EA	3" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	352.55	156.10
		For Cement Mortar Lining (CML), Add	*11.60*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*20.89*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*8.70*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0312	EA	4" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	398.83	180.76
		For Cement Mortar Lining (CML), Add	*12.50*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*22.49*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*9.37*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0313	EA	6" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	515.50	225.95
		For Cement Mortar Lining (CML), Add	*17.32*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*31.17*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*12.99*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0314	EA	8" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	653.66	258.18
		For Cement Mortar Lining (CML), Add	*26.24*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*47.23*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*19.68*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0315	EA	10" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	1,046.10	388.82
		For Cement Mortar Lining (CML), Add	*45.70*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*82.26*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*34.27*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0316	EA	12" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	1,228.19	424.16
		For Cement Mortar Lining (CML), Add	*58.55*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*105.39*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*43.91*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0317	EA	14" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	1,636.98	466.58
		For Cement Mortar Lining (CML), Add	*93.01*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*167.41*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*69.75*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0318	EA	16" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	1,847.63	518.42
		For Cement Mortar Lining (CML), Add	*106.22*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*191.19*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*79.66*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0319	EA	18" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	2,508.13	583.22
		For Cement Mortar Lining (CML), Add	*162.45*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*292.40*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*121.83*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0320	EA	20" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	2,944.97	666.52
		For Cement Mortar Lining (CML), Add	*193.51*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*348.31*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*145.13*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0321	EA	24" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	3,561.36	777.63
		For Cement Mortar Lining (CML), Add	*238.31*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*428.97*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*178.74*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0322		**Mechanical Joint Ductile Iron Long Sleeves** *(33 14 13 13-0002)*		
33 14 13 13-0323	EA	3" Mechanical Joint Ductile Iron Long Sleeves	334.70	156.10
		For Cement Mortar Lining (CML), Add	*9.82*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*17.67*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*7.36*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0324	EA	4" Mechanical Joint Ductile Iron Long Sleeves	389.90	180.76
		For Cement Mortar Lining (CML), Add	*11.60*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*20.89*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*8.70*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0325	EA	6" Mechanical Joint Ductile Iron Long Sleeves	536.92	225.95
		For Cement Mortar Lining (CML), Add	*19.46*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*35.02*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*14.59*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0326	EA	8" Mechanical Joint Ductile Iron Long Sleeves	710.79	258.18
		For Cement Mortar Lining (CML), Add	*31.95*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*57.52*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*23.97*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0327	EA	10" Mechanical Joint Ductile Iron Long Sleeves	969.34	388.82
		For Cement Mortar Lining (CML), Add	*38.02*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*68.44*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*28.52*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0328	EA	12" Mechanical Joint Ductile Iron Long Sleeves	1,156.78	424.16
		For Cement Mortar Lining (CML), Add	*51.41*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*92.54*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*38.56*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0329	EA	14" Mechanical Joint Ductile Iron Long Sleeves	1,483.46	466.58
		For Cement Mortar Lining (CML), Add	*77.65*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*139.78*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*58.24*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0330	EA	16" Mechanical Joint Ductile Iron Long Sleeves	1,769.08	518.42
		For Cement Mortar Lining (CML), Add	*98.36*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*177.05*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*73.77*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0331	EA	18" Mechanical Joint Ductile Iron Long Sleeves	2,142.18	583.22
		For Cement Mortar Lining (CML), Add	*125.85*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*226.53*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*94.39*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0332	EA	20" Mechanical Joint Ductile Iron Long Sleeves	2,529.04	666.52
		For Cement Mortar Lining (CML), Add	*151.91*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*273.45*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*113.94*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0333	EA	24" Mechanical Joint Ductile Iron Long Sleeves	3,179.34	777.63
		For Cement Mortar Lining (CML), Add	*200.11*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*360.20*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*150.08*	
		Note: ANSI/AWWA C151/A21.51		

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	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0334			**Mechanical Joint Ductile Iron Gland Packs** *(33 14 13 13-0002)* Note: Includes ductile iron retainer gland, gasket, break off torque bolts and all nuts.		
33 14 13 13-0335			**Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts** *(33 14 13 13-0334)* Note: Labor installation is included with pipe fittings or valves.		
	33 14 13 13-0336	EA	3" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts	35.70	
	33 14 13 13-0337	EA	4" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes four (4) 3/4" diameter plain finish Boltss with nut.	40.26	
	33 14 13 13-0338	EA	6" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes six (6) 3/4" diameter plain finish Boltss with nut.	48.65	
	33 14 13 13-0339	EA	8" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes six (6) 3/4" diameter plain finish Boltss with nut.	57.04	
	33 14 13 13-0340	EA	10" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes eight (8) 3/4" diameter plain finish Boltss with nut.	78.85	
	33 14 13 13-0341	EA	12" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes eight (8) 3/4" diameter plain finish Boltss with nut.	83.88	
	33 14 13 13-0342	EA	14" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes ten (10) 3/4" diameter plain finish Boltss with nut.	137.56	
	33 14 13 13-0343	EA	16" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes twelve (12) 3/4" diameter plain finish Boltss with nut.	145.95	
	33 14 13 13-0344	EA	18" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes twelve (12) 3/4" diameter plain finish Boltss with nut.	194.60	
	33 14 13 13-0345	EA	20" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes fourteen (14) 3/4" diameter plain finish Boltss with nut.	251.64	
	33 14 13 13-0346	EA	24" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes sixteen (16) 3/4" diameter plain finish Boltss with nut.	350.62	
33 14 13 13-0347			**Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts** *(33 14 13 13-0334)* Note: Labor installation is included with pipe fittings or valves.		
	33 14 13 13-0348	EA	3" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts	60.69	
	33 14 13 13-0349	EA	4" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts Note: Includes four (4) 3/4" diameter plain finish Boltss with nut.	57.04	
	33 14 13 13-0350	EA	6" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts Note: Includes six (6) 3/4" diameter plain finish Boltss with nut.	72.14	
	33 14 13 13-0351	EA	8" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts Note: Includes six (6) 3/4" diameter plain finish Boltss with nut.	78.85	
	33 14 13 13-0352	EA	10" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts Note: Includes eight (8) 3/4" diameter plain finish Boltss with nut.	109.04	
	33 14 13 13-0353	EA	12" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts Note: Includes eight (8) 3/4" diameter plain finish Boltss with nut.	114.08	
	33 14 13 13-0354	EA	14" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts Note: Includes ten (10) 3/4" diameter plain finish Boltss with nut.	172.79	
	33 14 13 13-0355	EA	16" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts Note: Includes twelve (12) 3/4" diameter plain finish Boltss with nut.	189.57	
	33 14 13 13-0356	EA	18" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts Note: Includes twelve (12) 3/4" diameter plain finish Boltss with nut.	251.64	
	33 14 13 13-0357	EA	20" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts Note: Includes fourteen (14) 3/4" diameter plain finish Boltss with nut.	325.45	
	33 14 13 13-0358	EA	24" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts Note: Includes sixteen (16) 3/4" diameter plain finish Boltss with nut.	454.63	
33 14 13 13-0359			**Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts** *(33 14 13 13-0334)* Note: Labor installation is included with pipe fittings or valves.		
	33 14 13 13-0360	EA	3" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts	39.27	
	33 14 13 13-0361	EA	4" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes four (4) 3/4" diameter plain finish Boltss with nut.	43.62	
	33 14 13 13-0362	EA	6" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes six (6) 3/4" diameter plain finish Boltss with nut.	52.01	
	33 14 13 13-0363	EA	8" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes six (6) 3/4" diameter plain finish Boltss with nut.	62.07	
	33 14 13 13-0364	EA	10" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes eight (8) 3/4" diameter plain finish Boltss with nut.	85.56	
	33 14 13 13-0365	EA	12" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes eight (8) 3/4" diameter plain finish Boltss with nut.	90.59	
	33 14 13 13-0366	EA	14" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes ten (10) 3/4" diameter plain finish Boltss with nut.	149.31	
	33 14 13 13-0367	EA	16" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes twelve (12) 3/4" diameter plain finish Boltss with nut.	157.69	
	33 14 13 13-0368	EA	18" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes twelve (12) 3/4" diameter plain finish Boltss with nut.	213.06	
	33 14 13 13-0369	EA	20" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes fourteen (14) 3/4" diameter plain finish Boltss with nut.	273.45	
	33 14 13 13-0370	EA	24" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes sixteen (16) 3/4" diameter plain finish Boltss with nut.	382.49	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0371		**Mechanical Joint Restraints With Accessories For Ductile Iron Pipe (MEGALUG® 1100DEC Series)** *(33 14 13 13-0002)* Note: Includes ductile iron retainer gland, gasket, break off torque bolts and all nuts and bolts. Excludes pipe and fitting.		
33 14 13 13-0372	EA	3" Mechanical Joint Restraints For Ductile Iron Pipe (MEGALUG® 1103DSC)	210.64	78.30
33 14 13 13-0373	EA	4" Mechanical Joint Restraints For Ductile Iron Pipe (MEGALUG® 1104DEC)	240.46	92.74
33 14 13 13-0374	EA	6" Mechanical Joint Restraints For Ductile Iron Pipe (MEGALUG® 1106DEC)	298.29	114.78
33 14 13 13-0375	EA	8" Mechanical Joint Restraints For Ductile Iron Pipe (MEGALUG® 1108DEC)	371.73	133.95
33 14 13 13-0376	EA	10" Mechanical Joint Restraints For Ductile Iron Pipe (MEGALUG® 1110DEC)	535.83	194.41
33 14 13 13-0377	EA	12" Mechanical Joint Restraints For Ductile Iron Pipe (MEGALUG® 1112DEC)	660.06	222.21
33 14 13 13-0378	EA	14" Mechanical Joint Restraints For Ductile Iron Pipe (MEGALUG® 1114DEC)	768.04	239.18
33 14 13 13-0379	EA	16" Mechanical Joint Restraints For Ductile Iron Pipe (MEGALUG® 1116DEC)	945.40	259.21
33 14 13 13-0380	EA	18" Mechanical Joint Restraints For Ductile Iron Pipe (MEGALUG® 1118DEC)	1,212.45	311.06
33 14 13 13-0381	EA	20" Mechanical Joint Restraints For Ductile Iron Pipe (MEGALUG® 1120DEC)	1,430.41	345.46
33 14 13 13-0382	EA	24" Mechanical Joint Restraints For Ductile Iron Pipe (MEGALUG® 1124DEC)	1,856.06	398.60
33 14 13 13-0383		**Mechanical Joint Ductile Iron Force Balanced Flexible Expansion Joint (FLEX-TEND®)** *(33 14 13 13-0002)*		
33 14 13 13-0384	EA	3" Mechanical Joint Ductile Iron FLEX-TEND® Force Balanced Flexible Expansion Joint	4,432.62	64.08
33 14 13 13-0385	EA	4" Mechanical Joint Ductile Iron FLEX-TEND® Force Balanced Flexible Expansion Joint	4,615.87	80.11
33 14 13 13-0386	EA	6" Mechanical Joint Ductile Iron FLEX-TEND® Force Balanced Flexible Expansion Joint	6,697.97	118.39
33 14 13 13-0387	EA	8" Mechanical Joint Ductile Iron FLEX-TEND® Force Balanced Flexible Expansion Joint	9,101.89	140.42
33 14 13 13-0388	EA	10" Mechanical Joint Ductile Iron FLEX-TEND® Force Balanced Flexible Expansion Joint	11,471.65	155.17
33 14 13 13-0389	EA	12" Mechanical Joint Ductile Iron FLEX-TEND® Force Balanced Flexible Expansion Joint	15,300.20	182.04
33 14 13 13-0390	EA	14" Mechanical Joint Ductile Iron FLEX-TEND® Force Balanced Flexible Expansion Joint	18,847.58	204.12
33 14 13 13-0391	EA	16" Mechanical Joint Ductile Iron FLEX-TEND® Force Balanced Flexible Expansion Joint	22,297.43	233.28
33 14 13 13-0392	EA	18" Mechanical Joint Ductile Iron FLEX-TEND® Force Balanced Flexible Expansion Joint	25,139.71	326.60
33 14 13 13-0393	EA	20" Mechanical Joint Ductile Iron FLEX-TEND® Force Balanced Flexible Expansion Joint	33,820.12	408.26
33 14 13 13-0394	EA	24" Mechanical Joint Ductile Iron FLEX-TEND® Force Balanced Flexible Expansion Joint	46,861.29	544.34
33 14 13 13-0395		**Set Screw Flange Adapter For Ductile Iron Pipe (E-Z Flange 1000DSM Series)** *(33 14 13 13-0002)* Note: Includes machined bolts and gasket.		
33 14 13 13-0396	EA	3" E-Z Flange Set Screw Flange Adapter For Ductile Iron Pipe (EBAA Iron 1003DSM)	209.16	78.30
33 14 13 13-0397	EA	4" E-Z Flange Set Screw Flange Adapter For Ductile Iron Pipe (EBAA Iron 1004DSM)	268.01	92.74
33 14 13 13-0398	EA	6" E-Z Flange Set Screw Flange Adapter For Ductile Iron Pipe (EBAA Iron 1006DSM)	346.07	114.78
33 14 13 13-0399	EA	8" E-Z Flange Set Screw Flange Adapter For Ductile Iron Pipe (EBAA Iron 1008DSM)	395.15	133.95
33 14 13 13-0400	EA	10" E-Z Flange Set Screw Flange Adapter For Ductile Iron Pipe (EBAA Iron 1010DSM)	692.21	205.40
33 14 13 13-0401	EA	12" E-Z Flange Set Screw Flange Adapter For Ductile Iron Pipe (EBAA Iron 1012DSM)	783.54	234.78
33 14 13 13-0402		**Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 2100 Series)** *(33 14 13 13-0002)* Note: Includes nuts, bolts and gasket.		
33 14 13 13-0403	EA	3" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 210300))	302.75	78.30
33 14 13 13-0404	EA	4" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 210400)	376.29	92.74
33 14 13 13-0405	EA	6" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 210600)	520.16	114.78
33 14 13 13-0406	EA	8" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 210800)	750.16	133.95
33 14 13 13-0407	EA	10" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 211000)	1,087.47	205.40
33 14 13 13-0408	EA	12" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 211200)	1,350.85	234.78
33 14 13 13-0409	EA	14" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 211400)	2,074.90	252.71
33 14 13 13-0410	EA	16" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 211600)	2,903.08	273.87
33 14 13 13-0411	EA	18" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 211800)	3,284.72	328.64
33 14 13 13-0412	EA	20" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 212000)	3,628.52	364.99
33 14 13 13-0413	EA	24" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 212400)	4,388.42	421.14
33 14 13 13-0414	EA	30" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 213000)	5,643.76	505.04
33 14 13 13-0415	EA	36" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 213600)	8,422.35	632.01
33 14 13 13-0416	EA	42" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 214200)	21,913.90	729.24
33 14 13 13-0417	EA	48" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 214800)	28,068.80	937.88
33 14 13 13-0418		**Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Piping** *(33 14 13 13-0001)* Note: . See CSI section 33 14 13 13-0334 for bolts and gaskets.		
33 14 13 13-0419		**Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow** *(33 14 13 13-0418)*		
33 14 13 13-0420	EA	3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow	447.95	44.69
33 14 13 13-0421	EA	4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow	536.13	53.53
33 14 13 13-0422	EA	6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow	831.76	78.43
33 14 13 13-0423	EA	8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow	1,136.21	93.36
33 14 13 13-0424	EA	10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow	1,556.23	103.69
33 14 13 13-0425	EA	12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow	1,972.48	121.36
33 14 13 13-0426	EA	14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow	2,801.74	136.68
33 14 13 13-0427	EA	16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow	3,398.88	155.52
33 14 13 13-0428	EA	18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow	4,108.96	217.97
33 14 13 13-0429	EA	20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow	5,121.51	272.17

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0430	EA	24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow	7,239.84	362.89
33 14 13 13-0431		**Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow** *(33 14 13 13-0418)*		
33 14 13 13-0432	EA	3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow	428.31	44.69
33 14 13 13-0433	EA	4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow	502.21	53.53
33 14 13 13-0434	EA	6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow	772.85	78.43
33 14 13 13-0435	EA	8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow	1,045.17	93.36
33 14 13 13-0436	EA	10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow	1,363.44	103.69
33 14 13 13-0437	EA	12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow	1,799.32	121.36
33 14 13 13-0438	EA	14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow	2,430.44	136.68
33 14 13 13-0439	EA	16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow	2,909.76	155.52
33 14 13 13-0440	EA	18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow	3,443.11	217.97
33 14 13 13-0441	EA	20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow	4,180.75	272.17
33 14 13 13-0442	EA	24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow	5,510.06	362.89
33 14 13 13-0443		**Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow** *(33 14 13 13-0418)*		
33 14 13 13-0444	EA	3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	333.70	44.69
33 14 13 13-0445	EA	4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	496.85	53.53
33 14 13 13-0446	EA	6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	751.43	78.43
33 14 13 13-0447	EA	8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	1,038.03	93.36
33 14 13 13-0448	EA	10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	1,361.66	103.69
33 14 13 13-0449	EA	12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	1,695.79	121.36
33 14 13 13-0450	EA	14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	2,444.72	136.68
33 14 13 13-0451	EA	16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	2,845.50	155.52
33 14 13 13-0452	EA	18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	3,427.04	217.97
33 14 13 13-0453	EA	20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	4,328.91	272.17
33 14 13 13-0454	EA	24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	5,392.24	362.89
33 14 13 13-0455	EA	30" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	9,009.52	388.82
33 14 13 13-0456	EA	36" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	12,291.58	404.13
33 14 13 13-0457	EA	42" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	17,583.45	466.58
33 14 13 13-0458	EA	48" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	22,509.10	496.04
33 14 13 13-0459		**Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow** *(33 14 13 13-0418)*		
33 14 13 13-0460	EA	3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	333.70	44.69
33 14 13 13-0461	EA	4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	595.03	53.53
33 14 13 13-0462	EA	6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	758.57	78.43
33 14 13 13-0463	EA	8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	1,005.90	93.36
33 14 13 13-0464	EA	10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	1,358.09	103.69
33 14 13 13-0465	EA	12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	1,647.59	121.36
33 14 13 13-0466	EA	14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	2,632.16	136.68
33 14 13 13-0467	EA	16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	2,932.97	155.52
33 14 13 13-0468	EA	18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	3,934.02	217.97
33 14 13 13-0469	EA	20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	4,175.39	272.17
33 14 13 13-0470	EA	24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	5,394.03	362.89
33 14 13 13-0471		**Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow** *(33 14 13 13-0418)*		
33 14 13 13-0472	EA	3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	392.61	44.69
33 14 13 13-0473	EA	4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	577.18	53.53
33 14 13 13-0474	EA	6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	899.60	78.43
33 14 13 13-0475	EA	8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	1,221.90	93.36
33 14 13 13-0476	EA	10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	1,681.19	103.69
33 14 13 13-0477	EA	12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	2,109.93	121.36
33 14 13 13-0478	EA	14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	3,788.92	136.68
33 14 13 13-0479	EA	16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	5,910.55	155.52
33 14 13 13-0480	EA	18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	6,756.29	217.97
33 14 13 13-0481	EA	20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	7,788.48	272.17
33 14 13 13-0482	EA	24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	8,425.16	362.89
33 14 13 13-0483		**Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow** *(33 14 13 13-0418)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0484	EA	3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	392.61	44.69
33 14 13 13-0485	EA	4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	509.35	53.53
33 14 13 13-0486	EA	6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	801.43	78.43
33 14 13 13-0487	EA	8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	1,132.64	93.36
33 14 13 13-0488	EA	10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	1,500.90	103.69
33 14 13 13-0489	EA	12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	1,952.84	121.36
33 14 13 13-0490	EA	14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	2,601.81	136.68
33 14 13 13-0491	EA	16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	3,125.76	155.52
33 14 13 13-0492	EA	18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	5,845.87	217.97
33 14 13 13-0493	EA	20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	6,135.44	272.17
33 14 13 13-0494	EA	24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	6,393.69	362.89

33 14 13 13-0495 Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee *(33 14 13 13-0418)*

33 14 13 13-0496	EA	3" x 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	553.22	67.05
33 14 13 13-0497	EA	4" x 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	603.64	75.59
33 14 13 13-0498	EA	4" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	637.19	78.43
33 14 13 13-0499	EA	6" x 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	907.52	99.42
33 14 13 13-0500	EA	6" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	983.35	103.32
33 14 13 13-0501	EA	6" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	1,037.72	115.78
33 14 13 13-0502	EA	8" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	1,206.42	119.50
33 14 13 13-0503	EA	8" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	1,305.42	131.96
33 14 13 13-0504	EA	8" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	1,435.71	140.67
33 14 13 13-0505	EA	10" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	1,617.53	128.43
33 14 13 13-0506	EA	10" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	1,615.57	140.21
33 14 13 13-0507	EA	10" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	1,750.54	148.46
33 14 13 13-0508	EA	10" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	1,888.67	155.52
33 14 13 13-0509	EA	12" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	1,946.36	143.74
33 14 13 13-0510	EA	12" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	1,964.02	155.52
33 14 13 13-0511	EA	12" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	2,123.97	163.77
33 14 13 13-0512	EA	12" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	2,447.76	170.85
33 14 13 13-0513	EA	12" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	2,454.18	179.09
33 14 13 13-0514	EA	14" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	2,779.55	181.45
33 14 13 13-0515	EA	14" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	3,007.34	189.69
33 14 13 13-0516	EA	14" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	3,648.86	196.76
33 14 13 13-0517	EA	14" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	3,851.65	205.01
33 14 13 13-0518	EA	14" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	3,569.47	217.97
33 14 13 13-0519	EA	16" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	3,325.21	217.97
33 14 13 13-0520	EA	16" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	3,504.91	225.04
33 14 13 13-0521	EA	16" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	4,203.57	233.28
33 14 13 13-0522	EA	16" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	3,944.02	240.36
33 14 13 13-0523	EA	16" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	5,143.47	253.32
33 14 13 13-0524	EA	16" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	4,655.01	272.17
33 14 13 13-0525	EA	18" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	4,365.52	279.24
33 14 13 13-0526	EA	18" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	4,604.02	286.31
33 14 13 13-0527	EA	18" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	4,906.38	293.38
33 14 13 13-0528	EA	18" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	5,185.93	301.63
33 14 13 13-0529	EA	18" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	5,328.61	314.59
33 14 13 13-0530	EA	18" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	5,693.42	332.26
33 14 13 13-0531	EA	18" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	6,355.44	362.89
33 14 13 13-0532	EA	20" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	5,021.82	399.42
33 14 13 13-0533	EA	20" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	5,106.80	407.67
33 14 13 13-0534	EA	20" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	5,610.88	414.73
33 14 13 13-0535	EA	20" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	5,886.86	422.98
33 14 13 13-0536	EA	20" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	5,945.62	435.94
33 14 13 13-0537	EA	20" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	5,871.31	453.62
33 14 13 13-0538	EA	20" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	7,502.65	484.25
33 14 13 13-0539	EA	20" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	6,401.80	544.34
33 14 13 13-0540	EA	24" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	6,097.05	519.60
33 14 13 13-0541	EA	24" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	6,155.26	529.03
33 14 13 13-0542	EA	24" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	6,266.61	534.91
33 14 13 13-0543	EA	24" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	6,431.90	543.16
33 14 13 13-0544	EA	24" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	7,313.61	556.12
33 14 13 13-0545	EA	24" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	7,628.45	573.80
33 14 13 13-0546	EA	24" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	9,384.75	604.43
33 14 13 13-0547	EA	24" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	9,690.58	665.69
33 14 13 13-0548	EA	24" x 24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee	9,094.65	725.79

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0549		**Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Laterals)** *(33 14 13 13-0418)*		
33 14 13 13-0550	EA	3" x 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	620.50	74.93
33 14 13 13-0551	EA	4" x 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	682.98	74.93
33 14 13 13-0552	EA	4" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	801.42	78.43
33 14 13 13-0553	EA	6" x 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	884.31	99.42
33 14 13 13-0554	EA	6" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	986.92	103.32
33 14 13 13-0555	EA	6" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	1,207.32	115.78
33 14 13 13-0556	EA	8" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	1,586.65	119.50
33 14 13 13-0557	EA	8" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	1,462.51	131.96
33 14 13 13-0558	EA	8" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	1,644.57	140.67
33 14 13 13-0559	EA	10" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	2,329.79	128.43
33 14 13 13-0560	EA	10" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	2,426.02	140.21
33 14 13 13-0561	EA	10" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	2,714.50	148.46
33 14 13 13-0562	EA	10" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	2,963.31	155.52
33 14 13 13-0563	EA	12" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	2,844.27	143.74
33 14 13 13-0564	EA	12" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	3,226.10	155.52
33 14 13 13-0565	EA	12" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	3,819.84	163.77
33 14 13 13-0566	EA	12" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	3,822.30	170.85
33 14 13 13-0567	EA	12" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	3,525.25	179.09
33 14 13 13-0568	EA	14" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	4,193.37	181.45
33 14 13 13-0569	EA	14" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	4,822.81	189.69
33 14 13 13-0570	EA	14" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	6,360.46	196.76
33 14 13 13-0571	EA	14" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	6,822.09	205.01
33 14 13 13-0572	EA	14" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	6,645.23	217.97
33 14 13 13-0573	EA	16" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	4,362.48	217.97
33 14 13 13-0574	EA	16" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	4,820.55	225.04
33 14 13 13-0575	EA	16" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	5,726.28	233.28
33 14 13 13-0576	EA	16" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	5,907.65	240.36
33 14 13 13-0577	EA	16" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	7,323.10	253.32
33 14 13 13-0578	EA	16" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	6,922.11	272.17
33 14 13 13-0579	EA	18" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	6,186.34	279.24
33 14 13 13-0580	EA	18" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	6,674.76	286.31
33 14 13 13-0581	EA	18" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	7,146.71	293.38
33 14 13 13-0582	EA	18" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	7,658.32	301.63
33 14 13 13-0583	EA	18" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	7,734.95	314.59
33 14 13 13-0584	EA	18" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	7,821.29	332.26
33 14 13 13-0585	EA	18" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	7,080.20	362.89
33 14 13 13-0586	EA	20" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	7,274.64	399.42
33 14 13 13-0587	EA	20" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	7,434.59	407.67
33 14 13 13-0588	EA	20" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	8,195.73	414.73
33 14 13 13-0589	EA	20" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	8,950.12	422.98
33 14 13 13-0590	EA	20" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	9,032.09	435.94
33 14 13 13-0591	EA	20" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	9,127.37	453.62
33 14 13 13-0592	EA	20" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	10,612.32	484.25
33 14 13 13-0593	EA	20" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	9,975.62	544.34
33 14 13 13-0594	EA	24" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	8,812.21	519.60
33 14 13 13-0595	EA	24" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	8,925.77	527.85
33 14 13 13-0596	EA	24" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	9,986.80	534.91
33 14 13 13-0597	EA	24" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	10,468.05	543.16
33 14 13 13-0598	EA	24" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	12,149.50	556.12
33 14 13 13-0599	EA	24" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	13,538.99	573.80
33 14 13 13-0600	EA	24" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	15,182.82	604.43
33 14 13 13-0601	EA	24" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	16,681.11	665.69
33 14 13 13-0602	EA	24" x 24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	14,678.51	725.79
33 14 13 13-0603		**Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee** *(33 14 13 13-0418)*		
33 14 13 13-0604	EA	6" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee	1,103.77	115.78
33 14 13 13-0605	EA	8" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee	1,373.25	131.96
33 14 13 13-0606	EA	10" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee	1,972.60	140.21
33 14 13 13-0607	EA	12" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee	2,271.06	155.52
33 14 13 13-0608	EA	14" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee	3,006.26	181.45
33 14 13 13-0609	EA	16" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee	3,662.71	217.97
33 14 13 13-0610	EA	18" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee	4,320.89	279.24
33 14 13 13-0611	EA	20" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee	5,805.48	399.42
33 14 13 13-0612	EA	24" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee	6,771.61	519.60

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0613		Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross *(33 14 13 13-0418)*		
33 14 13 13-0614	EA	3" x 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	615.64	89.40
33 14 13 13-0615	EA	4" x 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	770.40	97.28
33 14 13 13-0616	EA	4" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	965.20	98.34
33 14 13 13-0617	EA	6" x 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	1,021.96	121.92
33 14 13 13-0618	EA	6" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	1,197.06	131.96
33 14 13 13-0619	EA	6" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	1,320.04	164.33
33 14 13 13-0620	EA	8" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	1,271.10	144.41
33 14 13 13-0621	EA	8" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	1,497.61	176.77
33 14 13 13-0622	EA	8" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	1,480.60	189.22
33 14 13 13-0623	EA	10" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	1,495.27	150.81
33 14 13 13-0624	EA	10" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	1,674.48	181.45
33 14 13 13-0625	EA	10" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	1,992.07	193.23
33 14 13 13-0626	EA	10" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	2,158.28	207.37
33 14 13 13-0627	EA	12 x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	1,925.44	163.77
33 14 13 13-0628	EA	12" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	2,227.84	194.41
33 14 13 13-0629	EA	12" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	2,418.68	206.19
33 14 13 13-0630	EA	12" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	2,824.10	220.33
33 14 13 13-0631	EA	12" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	3,227.51	233.28
33 14 13 13-0632	EA	14" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	3,340.85	213.26
33 14 13 13-0633	EA	14" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	3,965.47	225.04
33 14 13 13-0634	EA	14" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	4,060.29	240.36
33 14 13 13-0635	EA	14" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	4,285.18	252.14
33 14 13 13-0636	EA	14" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	4,750.19	272.17
33 14 13 13-0637	EA	16" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	3,739.09	241.53
33 14 13 13-0638	EA	16" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	4,281.60	252.14
33 14 13 13-0639	EA	16" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	5,168.99	267.46
33 14 13 13-0640	EA	16" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	5,783.06	280.42
33 14 13 13-0641	EA	16" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	7,031.74	299.27
33 14 13 13-0642	EA	16" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	7,337.14	326.37
33 14 13 13-0643	EA	18" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	6,476.26	285.13
33 14 13 13-0644	EA	18" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	6,852.77	296.91
33 14 13 13-0645	EA	18" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	7,174.28	311.06
33 14 13 13-0646	EA	18" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	7,795.46	324.01
33 14 13 13-0647	EA	18" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	9,138.76	342.87
33 14 13 13-0648	EA	18" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	9,720.87	369.96
33 14 13 13-0649	EA	18" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	10,146.31	414.73
33 14 13 13-0650	EA	20" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	8,142.90	358.18
33 14 13 13-0651	EA	20" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	8,522.96	368.78
33 14 13 13-0652	EA	20" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	8,781.99	384.10
33 14 13 13-0653	EA	20" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	9,397.83	397.07
33 14 13 13-0654	EA	20" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	9,548.66	415.91
33 14 13 13-0655	EA	20" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	11,624.91	443.01
33 14 13 13-0656	EA	20" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	12,050.36	486.61
33 14 13 13-0657	EA	20" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	12,999.36	559.66
33 14 13 13-0658	EA	24" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	11,152.90	447.72
33 14 13 13-0659	EA	24" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	11,411.94	459.50
33 14 13 13-0660	EA	24" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	11,850.90	473.65
33 14 13 13-0661	EA	24" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	12,229.34	486.61
33 14 13 13-0662	EA	24" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	12,437.27	505.46
33 14 13 13-0663	EA	24" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	12,899.78	532.56
33 14 13 13-0664	EA	24" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	17,216.79	577.33
33 14 13 13-0665	EA	24" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	18,103.32	649.20
33 14 13 13-0666	EA	24" x 24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	19,917.30	738.75
33 14 13 13-0667		Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducers *(33 14 13 13-0418)*		
33 14 13 13-0668	EA	4" x 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	439.65	48.64
33 14 13 13-0669	EA	6" x 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	615.41	60.96
33 14 13 13-0670	EA	6" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	676.72	64.73
33 14 13 13-0671	EA	8" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	889.23	73.45
33 14 13 13-0672	EA	8" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	923.84	85.90
33 14 13 13-0673	EA	10" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,089.14	76.58
33 14 13 13-0674	EA	10" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,138.94	88.37
33 14 13 13-0675	EA	10" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,184.65	96.62
33 14 13 13-0676	EA	12" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,259.79	84.83
33 14 13 13-0677	EA	12" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,393.50	96.62
33 14 13 13-0678	EA	12" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,416.00	103.69

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0679	EA	12" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,479.16	111.93
33 14 13 13-0680	EA	14" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	2,184.17	109.57
33 14 13 13-0681	EA	14" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	2,195.96	116.65
33 14 13 13-0682	EA	14" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,909.23	124.90
33 14 13 13-0683	EA	14" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,947.78	131.96
33 14 13 13-0684	EA	16" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	2,618.61	127.25
33 14 13 13-0685	EA	16" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	2,539.36	135.49
33 14 13 13-0686	EA	16" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	2,382.94	142.56
33 14 13 13-0687	EA	16" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	2,353.67	149.64
33 14 13 13-0688	EA	16" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	2,662.36	162.60
33 14 13 13-0689	EA	18" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	2,844.36	164.95
33 14 13 13-0690	EA	18" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	3,209.18	173.20
33 14 13 13-0691	EA	18" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	3,063.87	180.27
33 14 13 13-0692	EA	18" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	3,665.33	193.23
33 14 13 13-0693	EA	18" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	3,205.41	212.09
33 14 13 13-0694	EA	20" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	3,787.47	226.22
33 14 13 13-0695	EA	20" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	3,816.70	233.28
33 14 13 13-0696	EA	20" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	3,464.33	241.53
33 14 13 13-0697	EA	20" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	3,460.62	254.49
33 14 13 13-0698	EA	20" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	3,373.79	272.17
33 14 13 13-0699	EA	20" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	3,992.97	302.81
33 14 13 13-0700	EA	24" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	4,769.54	301.63
33 14 13 13-0701	EA	24" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	4,839.02	314.59
33 14 13 13-0702	EA	24" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	4,923.58	332.26
33 14 13 13-0703	EA	24" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	4,844.77	362.89
33 14 13 13-0704	EA	24" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	5,587.96	422.98

33 14 13 13-0705 Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps *(33 14 13 13-0418)*

33 14 13 13-0706	EA	3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps	400.17	102.71
33 14 13 13-0707	EA	4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps	482.48	120.75
33 14 13 13-0708	EA	6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps	706.63	150.63
33 14 13 13-0709	EA	8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps	948.10	171.79
33 14 13 13-0710	EA	10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps	1,258.52	259.21
33 14 13 13-0711	EA	12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps	1,588.78	282.77
33 14 13 13-0712	EA	14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps	1,806.56	311.06
33 14 13 13-0713	EA	16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps	2,199.89	345.22
33 14 13 13-0714	EA	18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps	2,577.73	388.82
33 14 13 13-0715	EA	20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps	3,109.96	444.19
33 14 13 13-0716	EA	24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps	3,989.77	518.42

33 14 13 13-0717 Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug *(33 14 13 13-0418)*

33 14 13 13-0718	EA	3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug	401.96	102.71
33 14 13 13-0719	EA	4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug	500.33	120.75
33 14 13 13-0720	EA	6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug	753.05	150.63
33 14 13 13-0721	EA	8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug	994.51	171.79
33 14 13 13-0722	EA	10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug	1,524.51	259.21
33 14 13 13-0723	EA	12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug	1,649.47	282.77
33 14 13 13-0724	EA	14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug	2,193.93	311.06
33 14 13 13-0725	EA	16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug	2,647.95	345.22
33 14 13 13-0726	EA	18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug	3,150.76	388.82
33 14 13 13-0727	EA	20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug	3,884.70	444.19
33 14 13 13-0728	EA	24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug	5,092.97	518.42

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0729		Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters *(33 14 13 13-0418)*		
33 14 13 13-0730	EA	3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	545.35	156.10
33 14 13 13-0731	EA	4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	721.94	180.51
33 14 13 13-0732	EA	6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	993.91	226.56
33 14 13 13-0733	EA	8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	1,307.02	257.69
33 14 13 13-0734	EA	10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	1,924.38	388.82
33 14 13 13-0735	EA	12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	2,299.26	424.16
33 14 13 13-0736	EA	14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	3,009.73	466.58
33 14 13 13-0737	EA	16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	3,416.75	518.42
33 14 13 13-0738	EA	18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	4,486.04	583.22
33 14 13 13-0739	EA	20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	5,203.15	666.87
33 14 13 13-0740	EA	24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	6,299.73	777.63
33 14 13 13-0741		Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves *(33 14 13 13-0418)*		
33 14 13 13-0742	EA	3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves	566.77	156.10
33 14 13 13-0743	EA	4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves	695.16	180.51
33 14 13 13-0744	EA	6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves	1,024.26	226.56
33 14 13 13-0745	EA	8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves	1,389.13	257.69
33 14 13 13-0746	EA	10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves	1,810.13	388.82
33 14 13 13-0747	EA	12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves	2,192.15	424.16
33 14 13 13-0748	EA	14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves	2,781.24	466.58
33 14 13 13-0749	EA	16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves	3,295.36	518.42
33 14 13 13-0750	EA	18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves	3,936.23	583.22
33 14 13 13-0751	EA	20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves	4,583.71	666.87
33 14 13 13-0752	EA	24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves	5,732.06	777.63
33 14 13 13-0753		Push-On Joint Ductile Iron Piping And Gaskets *(33 14 13 13-0001)*		
33 14 13 13-0754		Push-On Joint Ductile Iron Pipe *(33 14 13 13-0753)*		
		Note: Conforming to ANSI/AWWA C151/A21.51, federal specification WW-P-421D.		
33 14 13 13-0755	LF	4", Class 50, Push-On Joint Ductile Iron Pipe	36.69	10.27
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*14.79*	
		For Cement Mortar Lining (CML), Add	*2.11*	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	*11.41*	
		For Fusion Bonded Epoxy Lining (206N), Add	*3.80*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1.58*	
		Note: ANSI/AWWA C151/A21.51		
		For Installation In Tunnel (Includes Skids, Spacers And All Materials), Add	*6.78*	
		For >1,000, Deduct	*-1.83*	
		For Class 51, Add	*3.07*	
		For Class 52, Add	*6.62*	
		For Class 53, Add	*11.91*	
		For Class 54, Add	*16.97*	
		For Class 55, Add	*19.54*	
		For Class 56, Add	*22.05*	
		For Installation In Tunnel, Add	*4.17*	
33 14 13 13-0756	LF	6", Class 50, Push-On Joint Ductile Iron Pipe	40.25	11.33
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*16.23*	
		For Cement Mortar Lining (CML), Add	*2.32*	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	*12.52*	
		For Fusion Bonded Epoxy Lining (206N), Add	*4.17*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*1.74*	
		Note: ANSI/AWWA C151/A21.51		
		For Installation In Tunnel (Includes Skids, Spacers And All Materials), Add	*7.44*	
		For >1,000, Deduct	*-2.01*	
		For Class 51, Add	*3.37*	
		For Class 52, Add	*7.27*	
		For Class 53, Add	*13.07*	
		For Class 54, Add	*18.63*	
		For Class 55, Add	*21.44*	
		For Class 56, Add	*24.20*	
		For Installation In Tunnel, Add	*4.57*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0757	LF	8", Class 50, Push-On Joint Ductile Iron Pipe	50.37	12.45
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*22.19*	
		For Cement Mortar Lining (CML), Add	*3.17*	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	*17.12*	
		For Fusion Bonded Epoxy Lining (206N), Add	*5.71*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*2.38*	
		Note: ANSI/AWWA C151/A21.51		
		For Installation In Tunnel (Includes Skids, Spacers And All Materials), Add	*8.77*	
		For >1,000, Deduct	*-2.52*	
		For Class 51, Add	*4.55*	
		For Class 52, Add	*9.82*	
		For Class 53, Add	*17.69*	
		For Class 54, Add	*25.23*	
		For Class 55, Add	*29.02*	
		For Class 56, Add	*32.74*	
		For Installation In Tunnel, Add	*5.32*	
33 14 13 13-0758	LF	10", Class 50, Push-On Joint Ductile Iron Pipe	71.23	17.56
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*26.83*	
		For Cement Mortar Lining (CML), Add	*4.47*	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	*22.36*	
		For Fusion Bonded Epoxy Lining (206N), Add	*8.05*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*3.35*	
		Note: ANSI/AWWA C151/A21.51		
		For Installation In Tunnel (Includes Skids, Spacers And All Materials), Add	*12.43*	
		For >1,000, Deduct	*-3.56*	
		For Class 51, Add	*6.43*	
		For Class 52, Add	*13.86*	
		For Class 53, Add	*24.96*	
		For Class 54, Add	*35.60*	
		For Class 55, Add	*40.94*	
		For Class 56, Add	*46.19*	
		For Installation In Tunnel, Add	*7.54*	
33 14 13 13-0759	LF	12", Class 50, Push-On Joint Ductile Iron Pipe	82.77	19.44
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*26.66*	
		For Cement Mortar Lining (CML), Add	*5.33*	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	*21.32*	
		For Fusion Bonded Epoxy Lining (206N), Add	*9.60*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*4.00*	
		Note: ANSI/AWWA C151/A21.51		
		For Installation In Tunnel (Includes Skids, Spacers And All Materials), Add	*14.17*	
		For >1,000, Deduct	*-4.14*	
		For Class 51, Add	*7.63*	
		For Class 52, Add	*16.47*	
		For Class 53, Add	*29.67*	
		For Class 54, Add	*42.33*	
		For Class 55, Add	*48.67*	
		For Class 56, Add	*54.91*	
		For Installation In Tunnel, Add	*8.56*	
33 14 13 13-0760	LF	14", Class 50, Push-On Joint Ductile Iron Pipe	101.07	21.91
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*29.90*	
		For Cement Mortar Lining (CML), Add	*6.80*	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	*23.11*	
		For Fusion Bonded Epoxy Lining (206N), Add	*12.23*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*5.10*	
		Note: ANSI/AWWA C151/A21.51		
		For Installation In Tunnel (Includes Skids, Spacers And All Materials), Add	*16.73*	
		For >1,000, Deduct	*-5.05*	
		For Class 51, Add	*9.68*	
		For Class 52, Add	*20.88*	
		For Class 53, Add	*37.66*	
		For Class 54, Add	*53.74*	
		For Class 55, Add	*61.77*	
		For Class 56, Add	*69.66*	
		For Installation In Tunnel, Add	*10.02*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0761	LF	16", Class 50, Push-On Joint Ductile Iron Pipe	119.87	24.98
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*33.64*	
		For Cement Mortar Lining (CML), Add	*8.21*	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	*25.44*	
		For Fusion Bonded Epoxy Lining (206N), Add	*14.77*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*6.15*	
		Note: ANSI/AWWA C151/A21.51		
		For Installation In Tunnel (Includes Skids, Spacers And All Materials), Add	*19.55*	
		For >1,000, Deduct	*-5.99*	
		For Class 51, Add	*11.66*	
		For Class 52, Add	*25.16*	
		For Class 53, Add	*45.39*	
		For Class 54, Add	*64.77*	
		For Class 55, Add	*74.44*	
		For Class 56, Add	*83.94*	
		For Installation In Tunnel, Add	*11.67*	
33 14 13 13-0762	LF	18", Class 50, Push-On Joint Ductile Iron Pipe	139.47	29.22
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*39.07*	
		For Cement Mortar Lining (CML), Add	*9.53*	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	*29.54*	
		For Fusion Bonded Epoxy Lining (206N), Add	*17.15*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*7.15*	
		Note: ANSI/AWWA C151/A21.51		
		For Installation In Tunnel (Includes Skids, Spacers And All Materials), Add	*22.78*	
		For >1,000, Deduct	*-6.97*	
		For Class 51, Add	*13.54*	
		For Class 52, Add	*29.22*	
		For Class 53, Add	*52.72*	
		For Class 54, Add	*75.24*	
		For Class 55, Add	*86.47*	
		For Class 56, Add	*97.51*	
		For Installation In Tunnel, Add	*13.60*	
33 14 13 13-0763	LF	20", Class 50, Push-On Joint Ductile Iron Pipe	160.81	34.99
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*40.96*	
		For Cement Mortar Lining (CML), Add	*10.78*	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	*30.18*	
		For Fusion Bonded Epoxy Lining (206N), Add	*19.40*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*8.08*	
		Note: ANSI/AWWA C151/A21.51		
		For Installation In Tunnel (Includes Skids, Spacers And All Materials), Add	*26.69*	
		For >1,000, Deduct	*-8.04*	
		For Class 51, Add	*15.35*	
		For Class 52, Add	*33.13*	
		For Class 53, Add	*59.75*	
		For Class 54, Add	*85.26*	
		For Class 55, Add	*98.01*	
		For Class 56, Add	*110.53*	
		For Installation In Tunnel, Add	*15.99*	
33 14 13 13-0764	LF	24", Class 50, Push-On Joint Ductile Iron Pipe	203.47	43.71
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	*42.51*	
		For Cement Mortar Lining (CML), Add	*13.71*	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	*28.80*	
		For Fusion Bonded Epoxy Lining (206N), Add	*24.69*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*10.29*	
		Note: ANSI/AWWA C151/A21.51		
		For Installation In Tunnel (Includes Skids, Spacers And All Materials), Add	*33.61*	
		For >1,000, Deduct	*-10.17*	
		For Class 51, Add	*19.52*	
		For Class 52, Add	*42.13*	
		For Class 53, Add	*75.98*	
		For Class 54, Add	*108.42*	
		For Class 55, Add	*124.62*	
		For Class 56, Add	*140.54*	
		For Installation In Tunnel, Add	*20.12*	

33 14 13 13-0765 Push-On Joint Ductile Iron 90 Degree Elbow *(33 14 13 13-0753)*

33 14 13 13-0766	EA	4" 90 Degree Elbow, Push-On Joint Ductile Iron	258.06	40.09
		For Cement Mortar Lining (CML), Add	*19.73*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*35.52*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*14.80*	
		Note: ANSI/AWWA C151/A21.51		
		For Installation In Tunnel, Add	*22.02*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0767	EA	6" 90 Degree Elbow, Push-On Joint Ductile Iron	374.07	59.14
		For Cement Mortar Lining (CML), Add	*28.44*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*51.20*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*21.33*	
		Note: ANSI/AWWA C151/A21.51		
		For Installation In Tunnel, Add	*32.15*	
33 14 13 13-0768	EA	8" 90 Degree Elbow, Push-On Joint Ductile Iron	500.98	70.21
		For Cement Mortar Lining (CML), Add	*39.46*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*71.02*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*29.59*	
		Note: ANSI/AWWA C151/A21.51		
		For Installation In Tunnel, Add	*41.01*	
33 14 13 13-0769	EA	10" 90 Degree Elbow, Push-On Joint Ductile Iron	756.81	77.53
		For Cement Mortar Lining (CML), Add	*59.65*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*107.36*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*44.73*	
		Note: ANSI/AWWA C151/A21.51		
		For Installation In Tunnel, Add	*61.89*	
33 14 13 13-0770	EA	12" 90 Degree Elbow, Push-On Joint Ductile Iron	977.12	90.96
		For Cement Mortar Lining (CML), Add	*78.91*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*142.05*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*59.19*	
		Note: ANSI/AWWA C151/A21.51		
		For Installation In Tunnel, Add	*77.05*	
33 14 13 13-0771	EA	14" 90 Degree Elbow, Push-On Joint Ductile Iron	1,941.63	102.03
		For Cement Mortar Lining (CML), Add	*173.07*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*311.52*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*129.80*	
		Note: ANSI/AWWA C151/A21.51		
		For Installation In Tunnel, Add	*128.73*	
33 14 13 13-0772	EA	16" 90 Degree Elbow, Push-On Joint Ductile Iron	2,194.84	116.65
		For Cement Mortar Lining (CML), Add	*195.38*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*351.69*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*146.54*	
		Note: ANSI/AWWA C151/A21.51		
		For Installation In Tunnel, Add	*145.89*	
33 14 13 13-0773	EA	18" 90 Degree Elbow, Push-On Joint Ductile Iron	3,420.73	163.30
		For Cement Mortar Lining (CML), Add	*308.33*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*555.00*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*231.25*	
		Note: ANSI/AWWA C151/A21.51		
		For Installation In Tunnel, Add	*221.65*	
33 14 13 13-0774	EA	20" 90 Degree Elbow, Push-On Joint Ductile Iron	3,846.15	205.84
		For Cement Mortar Lining (CML), Add	*343.45*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*618.21*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*257.59*	
		Note: ANSI/AWWA C151/A21.51		
		For Installation In Tunnel, Add	*254.05*	
33 14 13 13-0775	EA	24" 90 Degree Elbow, Push-On Joint Ductile Iron	4,802.46	257.33
		For Cement Mortar Lining (CML), Add	*428.79*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*771.83*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*321.59*	
		Note: ANSI/AWWA C151/A21.51		
		For Installation In Tunnel, Add	*317.30*	

33 14 13 13-0776 Push-On Joint Ductile Iron 45 Degree Elbow *(33 14 13 13-0753)*

33 14 13 13-0777	EA	4" 45 Degree Elbow, Push-On Joint Ductile Iron	213.20	40.09
		For Cement Mortar Lining (CML), Add	*15.25*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*27.44*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*11.43*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0778	EA	6" 45 Degree Elbow, Push-On Joint Ductile Iron	313.74	59.14
		For Cement Mortar Lining (CML), Add	*22.41*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*40.34*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*16.81*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0779	EA	8" 45 Degree Elbow, Push-On Joint Ductile Iron	436.06	70.21
		For Cement Mortar Lining (CML), Add	*32.96*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*59.33*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*24.72*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0780	EA	10" 45 Degree Elbow, Push-On Joint Ductile Iron	667.19	77.53
		For Cement Mortar Lining (CML), Add	*50.68*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*91.23*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*38.01*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0781	EA	12" 45 Degree Elbow, Push-On Joint Ductile Iron	862.92	90.96
		For Cement Mortar Lining (CML), Add	*67.49*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*121.49*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*50.62*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0782	EA	14" 45 Degree Elbow, Push-On Joint Ductile Iron	1,228.55	102.03
		For Cement Mortar Lining (CML), Add	*101.76*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*183.17*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*76.32*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0783	EA	16" 45 Degree Elbow, Push-On Joint Ductile Iron	1,821.46	116.65
		For Cement Mortar Lining (CML), Add	*158.05*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*284.48*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*118.53*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0784	EA	18" 45 Degree Elbow, Push-On Joint Ductile Iron	2,092.43	163.30
		For Cement Mortar Lining (CML), Add	*175.50*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*315.91*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*131.63*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0785	EA	20" 45 Degree Elbow, Push-On Joint Ductile Iron	2,936.71	205.84
		For Cement Mortar Lining (CML), Add	*252.51*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*454.51*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*189.38*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0786	EA	24" 45 Degree Elbow, Push-On Joint Ductile Iron	3,644.15	257.33
		For Cement Mortar Lining (CML), Add	*312.96*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*563.33*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*234.72*	
		Note: ANSI/AWWA C151/A21.51		

33 14 13 13-0787 Push-On Joint Ductile Iron Tee *(33 14 13 13-0753)*

33 14 13 13-0788	EA	4" Tee, Push-On Joint Ductile Iron	394.73	59.14
		For Cement Mortar Lining (CML), Add	*30.51*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*54.92*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*22.88*	
		Note: ANSI/AWWA C151/A21.51		
		For Installation In Tunnel, Add	*33.18*	
33 14 13 13-0789	EA	6" Tee, Push-On Joint Ductile Iron	549.19	86.89
		For Cement Mortar Lining (CML), Add	*41.75*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*75.15*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*31.31*	
		Note: ANSI/AWWA C151/A21.51		
		For Installation In Tunnel, Add	*47.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0790	EA	8" Tee, Push-On Joint Ductile Iron	751.58	105.31
		For Cement Mortar Lining (CML), Add	*59.19*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*106.53*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*44.39*	
		Note: ANSI/AWWA C151/A21.51		
		For Installation In Tunnel, Add	*61.54*	
33 14 13 13-0791	EA	10" Tee, Push-On Joint Ductile Iron	1,108.06	117.82
		For Cement Mortar Lining (CML), Add	*93.13*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*167.64*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*69.85*	
		Note: ANSI/AWWA C151/A21.51		
		For Installation In Tunnel, Add	*81.91*	
33 14 13 13-0792	EA	12" Tee, Push-On Joint Ductile Iron	1,380.68	135.85
		For Cement Mortar Lining (CML), Add	*117.45*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*211.41*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*88.09*	
		Note: ANSI/AWWA C151/A21.51		
		For Installation In Tunnel, Add	*99.96*	
33 14 13 13-0793	EA	14" Tee, Push-On Joint Ductile Iron	2,228.59	163.30
		For Cement Mortar Lining (CML), Add	*198.12*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*356.61*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*148.59*	
		Note: ANSI/AWWA C151/A21.51		
		For Installation In Tunnel, Add	*148.54*	
33 14 13 13-0794	EA	16" Tee, Push-On Joint Ductile Iron	3,224.10	204.19
		For Cement Mortar Lining (CML), Add	*291.48*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*524.67*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*218.61*	
		Note: ANSI/AWWA C151/A21.51		
		For Installation In Tunnel, Add	*207.60*	
33 14 13 13-0795	EA	18" Tee, Push-On Joint Ductile Iron	4,050.94	272.40
		For Cement Mortar Lining (CML), Add	*363.82*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*654.88*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*272.87*	
		Note: ANSI/AWWA C151/A21.51		
		For Installation In Tunnel, Add	*264.46*	
33 14 13 13-0796	EA	20" Tee, Push-On Joint Ductile Iron	4,772.68	332.38
		For Cement Mortar Lining (CML), Add	*426.91*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*768.44*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*320.18*	
		Note: ANSI/AWWA C151/A21.51		
		For Installation In Tunnel, Add	*314.17*	
33 14 13 13-0797	EA	24" Tee, Push-On Joint Ductile Iron	6,252.83	415.44
		For Cement Mortar Lining (CML), Add	*562.34*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*1,012.22*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*421.76*	
		Note: ANSI/AWWA C151/A21.51		
		For Installation In Tunnel, Add	*407.05*	
33 14 13 13-0798		Flanged End x Push-On Joint Ductile Iron Adapters *(33 14 13 13-0753)*		
33 14 13 13-0799	EA	4" Flanged End x Push-On Joint Adapter, Ductile Iron	439.25	139.06
		For Cement Mortar Lining (CML), Add	*22.86*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*41.14*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*17.14*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0800	EA	6" Flanged End x Push-On Joint Adapter, Ductile Iron	537.89	172.16
		For Cement Mortar Lining (CML), Add	*27.71*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*49.87*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*20.78*	
		Note: ANSI/AWWA C151/A21.51		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0801	EA	8" Flanged End x Push-On Joint Adapter, Ductile Iron	702.58	200.80
		For Cement Mortar Lining (CML), Add	*39.83*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*71.69*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*29.87*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0802	EA	10" Flanged End x Push-On Joint Adapter, Ductile Iron	961.33	291.61
		For Cement Mortar Lining (CML), Add	*51.95*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*93.51*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*38.96*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0803	EA	12" Flanged End x Push-On Joint Adapter, Ductile Iron	1,162.97	333.32
		For Cement Mortar Lining (CML), Add	*65.80*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*118.44*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*49.35*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0804	EA	14" Flanged End x Push-On Joint Adapter, Ductile Iron	1,340.34	358.89
		For Cement Mortar Lining (CML), Add	*79.66*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*143.38*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*59.74*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0805	EA	16" Flanged End x Push-On Joint Adapter, Ductile Iron	1,593.46	388.82
		For Cement Mortar Lining (CML), Add	*100.44*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*180.78*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*75.33*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0806	EA	18" Flanged End x Push-On Joint Adapter, Ductile Iron	1,884.44	466.58
		For Cement Mortar Lining (CML), Add	*117.75*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*211.95*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*88.31*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0807	EA	20" Flanged End x Push-On Joint Adapter, Ductile Iron	2,188.11	518.42
		For Cement Mortar Lining (CML), Add	*140.26*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*252.47*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*105.20*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0808	EA	24" Flanged End x Push-On Joint Adapter, Ductile Iron	2,741.87	598.18
		For Cement Mortar Lining (CML), Add	*183.55*	
		Note: ANSI/AWWA C104/A21.4		
		For Fusion Bonded Epoxy Lining (206N), Add	*330.40*	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	*137.67*	
		Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0809		**Push-On Joint Ductile Iron Pipe And Fitting Restraints** *(33 14 13 13-0753)*		
		Note: Includes ductile iron follower gland, restraint ring and all nuts and bolts. Excludes pipe and fitting.		
33 14 13 13-0810	EA	4" Pipe And Fitting Restraint, Push-On Joint Ductile Iron	52.68	21.64
33 14 13 13-0811	EA	6" Pipe And Fitting Restraint, Push-On Joint Ductile Iron	69.15	28.25
33 14 13 13-0812	EA	8" Pipe And Fitting Restraint, Push-On Joint Ductile Iron	90.07	28.83
33 14 13 13-0813	EA	10" Pipe And Fitting Restraint, Push-On Joint Ductile Iron	106.28	30.62
33 14 13 13-0814	EA	12" Pipe And Fitting Restraint, Push-On Joint Ductile Iron	126.22	34.02
33 14 13 13-0815	EA	14" Pipe And Fitting Restraint, Push-On Joint Ductile Iron	159.04	38.27
33 14 13 13-0816	EA	16" Pipe And Fitting Restraint, Push-On Joint Ductile Iron	187.52	43.73
33 14 13 13-0817	EA	18" Pipe And Fitting Restraint, Push-On Joint Ductile Iron	211.21	47.39
33 14 13 13-0818	EA	20" Pipe And Fitting Restraint, Push-On Joint Ductile Iron	246.41	56.86
33 14 13 13-0819	EA	24" Pipe And Fitting Restraint, Push-On Joint Ductile Iron	295.52	59.06
33 14 13 13-0820		**Push-On Joint Ductile Iron Bell Restraint Harness (MEGALUG® 1700 Series)** *(33 14 13 13-0753)*		
33 14 13 13-0821	EA	4" Bell Restraint Harness, Ductile Iron (MEGALUG® 170400)	247.36	79.53
33 14 13 13-0822	EA	6" Bell Restraint Harness, Ductile Iron (MEGALUG® 170600)	325.59	97.09
33 14 13 13-0823	EA	8" Bell Restraint Harness, Ductile Iron (MEGALUG® 170800)	418.60	118.41
33 14 13 13-0824	EA	10" Bell Restraint Harness, Ductile Iron (MEGALUG® 17100)	627.75	144.45
33 14 13 13-0825	EA	12" Bell Restraint Harness, Ductile Iron (MEGALUG® 171200)	778.37	176.14
33 14 13 13-0826	EA	14" Bell Restraint Harness, Ductile Iron (MEGALUG® 171400)	1,333.77	214.91
33 14 13 13-0827	EA	16" Bell Restraint Harness, Ductile Iron (MEGALUG® 171600)	1,524.24	262.27
33 14 13 13-0828	EA	18" Bell Restraint Harness, Ductile Iron (MEGALUG® 171800)	1,732.39	319.88
33 14 13 13-0829	EA	20" Bell Restraint Harness, Ductile Iron (MEGALUG® 172000)	2,350.82	390.35
33 14 13 13-0830	EA	24" Bell Restraint Harness, Ductile Iron (MEGALUG® 172400)	2,996.40	476.12

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0831		**Ductile Iron Pipe Repair** *(33 14 13 13-0001)*		
		See CSI section 33 14 13 13-0002 for mechanical joint fittings.		
33 14 13 13-0832		**WEKO Seals** *(33 14 13 13-0831)*		
		Note: Internal joint seal.		
33 14 13 13-0833	EA	16" WEKO Internal Joint Seal	2,212.02	200.53
		For Extra Wide Seals, Add	*85.19*	
33 14 13 13-0834	EA	18" WEKO Internal Joint Seal	2,357.22	211.75
		For Extra Wide Seals, Add	*86.05*	
33 14 13 13-0835	EA	20" WEKO Internal Joint Seal	2,502.23	222.96
		For Extra Wide Seals, Add	*86.89*	
33 14 13 13-0836	EA	24" WEKO Internal Joint Seal	2,649.50	240.79
		For Extra Wide Seals, Add	*88.24*	
33 14 13 23		**Plastic Public Water Utility Distribution Piping** *(33 14 13)*		
33 14 13 23-0001		**Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Piping** *(33 14 13 23)*		
33 14 13 23-0002		**Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe** *(33 14 13 23-0001)*		
33 14 13 23-0003	LF	3/4" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe	2.78	0.89
		For >1,000, Deduct	*-0.14*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*0.08*	
33 14 13 23-0004	LF	1" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe	3.12	0.96
		For >1,000, Deduct	*-0.16*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*0.11*	
33 14 13 23-0005	LF	1-1/4" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe	3.76	1.04
		For >1,000, Deduct	*-0.19*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*0.17*	
33 14 13 23-0006	LF	1-1/2" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe	4.47	1.15
		For >1,000, Deduct	*-0.22*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*0.24*	
33 14 13 23-0007	LF	2" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe	6.15	1.30
		For >1,000, Deduct	*-0.31*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*0.44*	
33 14 13 23-0008	LF	2-1/2" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe	8.30	1.47
		For >1,000, Deduct	*-0.42*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*0.69*	
33 14 13 23-0009	LF	3" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe	10.58	1.70
		For >1,000, Deduct	*-0.53*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*0.95*	
33 14 13 23-0010	LF	4" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe	15.58	2.10
		For >1,000, Deduct	*-0.78*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*1.55*	
33 14 13 23-0011	LF	6" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe	29.18	2.67
		For >1,000, Deduct	*-1.46*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*3.38*	
33 14 13 23-0012	LF	8" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe	46.81	3.47
		For >1,000, Deduct	*-2.34*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*5.72*	
33 14 13 23-0013	LF	10" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe	70.89	4.64
		For >1,000, Deduct	*-3.54*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*8.90*	
33 14 13 23-0014	LF	12" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe	99.15	6.24
		For >1,000, Deduct	*-4.96*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*12.53*	
33 14 13 23-0015		**90 Degree Elbows, Class 200, SDR 21 Polyvinyl Chloride (PVC)** *(33 14 13 23-0001)*		
33 14 13 23-0016	EA	3/4", Class 200, SDR 21 Polyvinyl Chloride (PVC) 90 Degree Elbow	27.34	10.69
33 14 13 23-0017	EA	1", Class 200, SDR 21 Polyvinyl Chloride (PVC) 90 Degree Elbow	34.76	13.36
33 14 13 23-0018	EA	1-1/4", Class 200, SDR 21 Polyvinyl Chloride (PVC) 90 Degree Elbow	44.05	16.70
33 14 13 23-0019	EA	1-1/2", Class 200, SDR 21 Polyvinyl Chloride (PVC) 90 Degree Elbow	78.93	18.48
33 14 13 23-0020	EA	2", Class 200, SDR 21 Polyvinyl Chloride (PVC) 90 Degree Elbow	84.27	20.71
33 14 13 23-0021	EA	2-1/2", Class 200, SDR 21 Polyvinyl Chloride (PVC) 90 Degree Elbow	101.54	23.48
33 14 13 23-0022	EA	3", Class 200, SDR 21 Polyvinyl Chloride (PVC) 90 Degree Elbow	116.42	27.34
33 14 13 23-0023	EA	4", Class 200, SDR 21 Polyvinyl Chloride (PVC) 90 Degree Elbow	169.08	33.58
33 14 13 23-0024	EA	6", Class 200, SDR 21 Polyvinyl Chloride (PVC) 90 Degree Elbow	253.43	42.66
33 14 13 23-0025	EA	8", Class 200, SDR 21 Polyvinyl Chloride (PVC) 90 Degree Elbow	433.36	56.00
33 14 13 23-0026	EA	10", Class 200, SDR 21 Polyvinyl Chloride (PVC) 90 Degree Elbow	522.35	74.92
33 14 13 23-0027	EA	12", Class 200, SDR 21 Polyvinyl Chloride (PVC) 90 Degree Elbow	687.38	100.84
33 14 13 23-0028		**45 Degree Elbows, Class 200, SDR 21 Polyvinyl Chloride (PVC)** *(33 14 13 23-0001)*		
33 14 13 23-0029	EA	3/4" 45 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC)	28.22	10.69
33 14 13 23-0030	EA	1" 45 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC)	35.39	13.36
33 14 13 23-0031	EA	1-1/4" 45 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC)	44.43	16.70
33 14 13 23-0032	EA	1-1/2" 45 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC)	67.41	18.48
33 14 13 23-0033	EA	2" 45 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC)	85.34	20.71
33 14 13 23-0034	EA	2-1/2" 45 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC)	105.89	23.48
33 14 13 23-0035	EA	3" 45 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC)	114.58	27.34
33 14 13 23-0036	EA	4" 45 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC)	165.12	33.58

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 23-0037	EA	6" 45 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC)	245.43	42.66
33 14 13 23-0038	EA	8" 45 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC)	418.12	56.00
33 14 13 23-0039	EA	10" 45 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC)	459.19	74.92
33 14 13 23-0040	EA	12" 45 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC)	599.96	100.84
33 14 13 23-0041		**Tees Or Wyes, Class 200, SDR 21 Polyvinyl Chloride (PVC)** *(33 14 13 23-0001)*		
33 14 13 23-0042	EA	3/4" Tees Or Wyes, Class 200 SDR 21 Polyvinyl Chloride (PVC)	40.95	16.03
33 14 13 23-0043	EA	1" Tees Or Wyes, Class 200 SDR 21 Polyvinyl Chloride (PVC)	51.89	20.15
33 14 13 23-0044	EA	1-1/4" Tees Or Wyes, Class 200 SDR 21 Polyvinyl Chloride (PVC)	65.31	25.15
33 14 13 23-0045	EA	1-1/2" Tees Or Wyes, Class 200 SDR 21 Polyvinyl Chloride (PVC)	104.22	27.83
33 14 13 23-0046	EA	2" Tees Or Wyes, Class 200 SDR 21 Polyvinyl Chloride (PVC)	119.86	30.94
33 14 13 23-0047	EA	2-1/2" Tees Or Wyes, Class 200 SDR 21 Polyvinyl Chloride (PVC)	141.06	35.29
33 14 13 23-0048	EA	3" Tees Or Wyes, Class 200 SDR 21 Polyvinyl Chloride (PVC)	179.52	40.90
33 14 13 23-0049	EA	4" Tees Or Wyes, Class 200 SDR 21 Polyvinyl Chloride (PVC)	241.88	50.42
33 14 13 23-0050	EA	6" Tees Or Wyes, Class 200 SDR 21 Polyvinyl Chloride (PVC)	435.34	64.09
33 14 13 23-0051	EA	8" Tees Or Wyes, Class 200 SDR 21 Polyvinyl Chloride (PVC)	673.52	84.00
33 14 13 23-0052	EA	10" Tees Or Wyes, Class 200 SDR 21 Polyvinyl Chloride (PVC)	745.67	111.25
33 14 13 23-0053	EA	12" Tees Or Wyes, Class 200 SDR 21 Polyvinyl Chloride (PVC)	911.02	149.70
33 14 13 23-0054		**Couplings, Class 200, SDR 21 Polyvinyl Chloride (PVC)** *(33 14 13 23-0001)*		
33 14 13 23-0055	EA	3/4" Coupling, Class 200 SDR 21 Polyvinyl Chloride (PVC)	18.38	7.13
33 14 13 23-0056	EA	1" Coupling, Class 200 SDR 21 Polyvinyl Chloride (PVC)	24.88	9.58
33 14 13 23-0057	EA	1-1/4" Coupling, Class 200 SDR 21 Polyvinyl Chloride (PVC)	33.66	12.58
33 14 13 23-0058	EA	1-1/2" Coupling, Class 200 SDR 21 Polyvinyl Chloride (PVC)	53.94	13.92
33 14 13 23-0059	EA	2" Coupling, Class 200 SDR 21 Polyvinyl Chloride (PVC)	59.14	15.48
33 14 13 23-0060	EA	2-1/2" Coupling, Class 200 SDR 21 Polyvinyl Chloride (PVC)	67.26	17.59
33 14 13 23-0061	EA	3" Coupling, Class 200 SDR 21 Polyvinyl Chloride (PVC)	80.16	20.45
33 14 13 23-0062	EA	4" Coupling, Class 200 SDR 21 Polyvinyl Chloride (PVC)	115.15	25.15
33 14 13 23-0063	EA	6" Coupling, Class 200 SDR 21 Polyvinyl Chloride (PVC)	171.70	32.05
33 14 13 23-0064	EA	8" Coupling, Class 200 SDR 21 Polyvinyl Chloride (PVC)	313.78	42.00
33 14 13 23-0065	EA	10" Coupling, Class 200 SDR 21 Polyvinyl Chloride (PVC)	348.06	55.68
33 14 13 23-0066	EA	12" Coupling, Class 200 SDR 21 Polyvinyl Chloride (PVC)	435.51	74.85
33 14 13 23-0067		**Schedule 40 Polyvinyl Chloride (PVC) Pipe And Fittings** *(33 14 13 23)*		
33 14 13 23-0068		**Schedule 40 Polyvinyl Chloride (PVC) Pipe** *(33 14 13 23-0067)*		
33 14 13 23-0069	LF	3/4" Schedule 40 Polyvinyl Chloride (PVC) Pipe	3.22	0.89
		For >1,000, Deduct	*-0.16*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*0.15*	
33 14 13 23-0070	LF	1" Schedule 40 Polyvinyl Chloride (PVC) Pipe	3.97	0.96
		For >1,000, Deduct	*-0.20*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*0.24*	
33 14 13 23-0071	LF	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Pipe	5.26	1.15
		For >1,000, Deduct	*-0.26*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*0.36*	
33 14 13 23-0072	LF	2" Schedule 40 Polyvinyl Chloride (PVC) Pipe	6.44	1.30
		For >1,000, Deduct	*-0.32*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*0.48*	
33 14 13 23-0073	LF	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Pipe	8.77	1.47
		For >1,000, Deduct	*-0.44*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*0.77*	
33 14 13 23-0074	LF	3" Schedule 40 Polyvinyl Chloride (PVC) Pipe	10.88	1.70
		For >1,000, Deduct	*-0.54*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*0.99*	
33 14 13 23-0075	LF	4" Schedule 40 Polyvinyl Chloride (PVC) Pipe	14.77	2.10
		For >1,000, Deduct	*-0.74*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*1.43*	
33 14 13 23-0076	LF	6" Schedule 40 Polyvinyl Chloride (PVC) Pipe	23.30	2.67
		For >1,000, Deduct	*-1.17*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*2.49*	
33 14 13 23-0077		**Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows** *(33 14 13 23-0067)*		
33 14 13 23-0078	EA	3/4" 90 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC)	27.66	10.69
33 14 13 23-0079	EA	1" 90 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC)	34.95	13.36
33 14 13 23-0080	EA	1-1/2" 90 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC)	48.83	18.48
33 14 13 23-0081	EA	2" 90 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC)	55.68	20.71
33 14 13 23-0082	EA	2-1/2" 90 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC)	69.42	23.48
33 14 13 23-0083	EA	3" 90 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC)	81.28	27.34
33 14 13 23-0084	EA	4" 90 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC)	110.26	33.58
33 14 13 23-0085	EA	6" 90 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC)	190.44	42.66
33 14 13 23-0086		**Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows** *(33 14 13 23-0067)*		
33 14 13 23-0087	EA	3/4" 45 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC)	27.58	10.69
33 14 13 23-0088	EA	1" 45 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC)	34.87	13.36
33 14 13 23-0089	EA	1-1/2" 45 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC)	48.86	18.48
33 14 13 23-0090	EA	2" 45 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC)	55.38	20.71
33 14 13 23-0091	EA	2-1/2" 45 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC)	68.60	23.48

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 23-0092	EA	3" 45 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC)	80.31	27.34
33 14 13 23-0093	EA	4" 45 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC)	108.32	33.58
33 14 13 23-0094	EA	6" 45 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC)	184.25	42.66
33 14 13 23-0095		**Schedule 40 Polyvinyl Chloride (PVC) Tees Or Wyes** *(33 14 13 23-0067)*		
33 14 13 23-0096	EA	3/4" Tees Or Wyes, Schedule 40 Polyvinyl Chloride (PVC)	41.28	16.03
33 14 13 23-0097	EA	1" Tees Or Wyes, Schedule 40 Polyvinyl Chloride (PVC)	52.15	20.15
33 14 13 23-0098	EA	1-1/2" Tees Or Wyes, Schedule 40 Polyvinyl Chloride (PVC)	72.86	27.83
33 14 13 23-0099	EA	2" Tees Or Wyes, Schedule 40 Polyvinyl Chloride (PVC)	82.44	30.94
33 14 13 23-0100	EA	2-1/2" Tees Or Wyes, Schedule 40 Polyvinyl Chloride (PVC)	104.60	35.29
33 14 13 23-0101	EA	3" Tees Or Wyes, Schedule 40 Polyvinyl Chloride (PVC)	125.86	40.90
33 14 13 23-0102	EA	4" Tees Or Wyes, Schedule 40 Polyvinyl Chloride (PVC)	157.49	50.42
33 14 13 23-0103	EA	6" Tees Or Wyes, Schedule 40 Polyvinyl Chloride (PVC)	291.61	64.09
33 14 13 23-0104		**Schedule 40 Polyvinyl Chloride (PVC) Couplings** *(33 14 13 23-0067)*		
33 14 13 23-0105	EA	3/4" Coupling, Schedule 40 Polyvinyl Chloride (PVC)	18.53	7.13
33 14 13 23-0106	EA	1" Coupling, Schedule 40 Polyvinyl Chloride (PVC)	25.00	9.58
33 14 13 23-0107	EA	1-1/2" Coupling, Schedule 40 Polyvinyl Chloride (PVC)	36.24	13.92
33 14 13 23-0108	EA	2" Coupling, Schedule 40 Polyvinyl Chloride (PVC)	41.20	15.48
33 14 13 23-0109	EA	2-1/2" Coupling, Schedule 40 Polyvinyl Chloride (PVC)	49.43	17.59
33 14 13 23-0110	EA	3" Coupling, Schedule 40 Polyvinyl Chloride (PVC)	59.50	20.45
33 14 13 23-0111	EA	4" Coupling, Schedule 40 Polyvinyl Chloride (PVC)	74.02	25.15
33 14 13 23-0112	EA	6" Coupling, Schedule 40 Polyvinyl Chloride (PVC)	118.22	32.05
33 14 13 23-0113		**Crosses, Schedule 40 Polyvinyl Chloride (PVC)** *(33 14 13 23-0067)*		
33 14 13 23-0114	EA	3/4" Cross, Schedule 40 Polyvinyl Chloride (PVC)	55.34	21.38
33 14 13 23-0115	EA	1" Cross, Schedule 40 Polyvinyl Chloride (PVC)	69.44	26.82
33 14 13 23-0116	EA	1-1/2" Cross, Schedule 40 Polyvinyl Chloride (PVC)	97.13	37.07
33 14 13 23-0117	EA	2" Cross, Schedule 40 Polyvinyl Chloride (PVC)	109.91	41.30
33 14 13 23-0118	EA	2-1/2" Cross, Schedule 40 Polyvinyl Chloride (PVC)	139.37	46.98
33 14 13 23-0119	EA	3" Cross, Schedule 40 Polyvinyl Chloride (PVC)	167.68	54.58
33 14 13 23-0120	EA	4" Cross, Schedule 40 Polyvinyl Chloride (PVC)	209.79	67.15
33 14 13 23-0121	EA	6" Cross, Schedule 40 Polyvinyl Chloride (PVC)	388.03	85.42
33 14 13 23-0122		**Schedule 80 Polyvinyl Chloride (PVC) Pipe And Fittings** *(33 14 13 23)*		
33 14 13 23-0123		**Schedule 80 Polyvinyl Chloride (PVC) Pipe** *(33 14 13 23-0122)*		
33 14 13 23-0124	LF	1" Schedule 80 Polyvinyl Chloride (PVC) Pipe	4.45	0.96
		For >1,000, Deduct	*-0.22*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*0.31*	
33 14 13 23-0125	LF	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Pipe	6.23	1.15
		For >1,000, Deduct	*-0.31*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*0.50*	
33 14 13 23-0126	LF	2" Schedule 80 Polyvinyl Chloride (PVC) Pipe	8.08	1.30
		For >1,000, Deduct	*-0.40*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*0.73*	
33 14 13 23-0127	LF	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Pipe	10.89	1.47
		For >1,000, Deduct	*-0.54*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*1.08*	
33 14 13 23-0128	LF	3" Schedule 80 Polyvinyl Chloride (PVC) Pipe	13.85	1.70
		For >1,000, Deduct	*-0.69*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*1.44*	
33 14 13 23-0129	LF	4" Schedule 80 Polyvinyl Chloride (PVC) Pipe	19.32	2.10
		For >1,000, Deduct	*-0.97*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*2.11*	
33 14 13 23-0130	LF	6" Schedule 80 Polyvinyl Chloride (PVC) Pipe	33.43	2.67
		For >1,000, Deduct	*-1.67*	
		For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	*4.01*	
33 14 13 23-0131		**Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows** *(33 14 13 23-0122)*		
33 14 13 23-0132	EA	1" 90 Degree Elbow, Schedule 80 Polyvinyl Chloride (PVC)	37.47	13.36
33 14 13 23-0133	EA	1-1/2" 90 Degree Elbow, Schedule 80 Polyvinyl Chloride (PVC)	48.83	18.48
33 14 13 23-0134	EA	2" 90 Degree Elbow, Schedule 80 Polyvinyl Chloride (PVC)	58.20	20.71
33 14 13 23-0135	EA	2-1/2" 90 Degree Elbow, Schedule 80 Polyvinyl Chloride (PVC)	74.78	23.48
33 14 13 23-0136	EA	3" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbow	86.25	27.34
33 14 13 23-0137	EA	4" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbow	111.46	33.58
33 14 13 23-0138	EA	6" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbow	184.77	42.66
33 14 13 23-0139		**Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows** *(33 14 13 23-0122)*		
33 14 13 23-0140	EA	1" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbow	47.80	13.36
33 14 13 23-0141	EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbow	58.78	18.48
33 14 13 23-0142	EA	2" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbow	67.77	20.71
33 14 13 23-0143	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbow	92.72	23.48
33 14 13 23-0144	EA	3" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbow	109.61	27.34
33 14 13 23-0145	EA	4" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbow	158.43	33.58

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 23-0146	EA	6" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbow	181.63	42.66
33 14 13 23-0147		**Schedule 80 Polyvinyl Chloride (PVC) Tees Or Wyes** *(33 14 13 23-0122)*		
33 14 13 23-0148	EA	1" Schedule 80 Polyvinyl Chloride (PVC) Tees Or Wyes	57.44	20.15
33 14 13 23-0149	EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Tees Or Wyes	88.92	27.83
33 14 13 23-0150	EA	2" Schedule 80 Polyvinyl Chloride (PVC) Tees Or Wyes	101.59	30.94
33 14 13 23-0151	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Tees Or Wyes	114.74	35.29
33 14 13 23-0152	EA	3" Schedule 80 Polyvinyl Chloride (PVC) Tees Or Wyes	135.56	40.90
33 14 13 23-0153	EA	4" Schedule 80 Polyvinyl Chloride (PVC) Tees Or Wyes	164.48	50.42
33 14 13 23-0154	EA	6" Schedule 80 Polyvinyl Chloride (PVC) Tees Or Wyes	291.35	64.09
33 14 13 23-0155		**Schedule 80 Polyvinyl Chloride (PVC) Couplings** *(33 14 13 23-0122)*		
33 14 13 23-0156	EA	1" Schedule 80 Polyvinyl Chloride (PVC) Coupling	28.78	9.58
33 14 13 23-0157	EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Coupling	42.73	13.92
33 14 13 23-0158	EA	2" Schedule 80 Polyvinyl Chloride (PVC) Coupling	47.30	15.48
33 14 13 23-0159	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Coupling	65.11	17.59
33 14 13 23-0160	EA	3" Schedule 80 Polyvinyl Chloride (PVC) Coupling	75.31	20.45
33 14 13 23-0161	EA	4" Schedule 80 Polyvinyl Chloride (PVC) Coupling	93.23	25.15
33 14 13 23-0162	EA	6" Schedule 80 Polyvinyl Chloride (PVC) Coupling	145.05	32.05
33 14 13 23-0163		**Crosses, Schedule 80 Polyvinyl Chloride (PVC)** *(33 14 13 23-0122)*		
33 14 13 23-0164	EA	1" Schedule 80 Polyvinyl Chloride (PVC) Cross	76.47	26.82
33 14 13 23-0165	EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Cross	118.45	37.07
33 14 13 23-0166	EA	2" Schedule 80 Polyvinyl Chloride (PVC) Cross	135.33	41.30
33 14 13 23-0167	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Cross	152.83	46.98
33 14 13 23-0168	EA	3" Schedule 80 Polyvinyl Chloride (PVC) Cross	180.55	54.58
33 14 13 23-0169	EA	4" Schedule 80 Polyvinyl Chloride (PVC) Cross	219.06	67.15
33 14 13 23-0170	EA	6" Schedule 80 Polyvinyl Chloride (PVC) Cross	387.70	85.42
33 14 13 23-0171		**AWWA C900/C905 Polyvinyl Chloride (PVC) Pipe** *(33 14 13 23)*		
		Note: Includes hub on one end of pipe. C900 is available in blue, white, purple or green.		
33 14 13 23-0172		**AWWA C900, DR 25, PC 165 Polyvinyl Chloride (PVC) Pipe** *(33 14 13 23-0171)*		
33 14 13 23-0173	LF	4" AWWA C900, DR 25, PC 165 Polyvinyl Chloride (PVC) Pipe	11.65	4.27
33 14 13 23-0174	LF	6" AWWA C900, DR 25, PC 165 Polyvinyl Chloride (PVC) Pipe	16.70	5.17
33 14 13 23-0175	LF	8" AWWA C900, DR 25, PC 165 Polyvinyl Chloride (PVC) Pipe	22.61	5.81
33 14 13 23-0176	LF	10" AWWA C900, DR 25, PC 165 Polyvinyl Chloride (PVC) Pipe	29.49	6.45
33 14 13 23-0177	LF	12" AWWA C900, DR 25, PC 165 Polyvinyl Chloride (PVC) Pipe	37.91	7.23
33 14 13 23-0178		**AWWA C900, DR 18, PC 235 Polyvinyl Chloride (PVC) Pipe** *(33 14 13 23-0171)*		
33 14 13 23-0179	LF	4" AWWA C900, DR 18, PC 235 Polyvinyl Chloride (PVC) Pipe	12.77	4.27
33 14 13 23-0180	LF	6" AWWA C900, DR 18, PC 235 Polyvinyl Chloride (PVC) Pipe	19.02	5.17
33 14 13 23-0181	LF	8" AWWA C900, DR 18, PC 235 Polyvinyl Chloride (PVC) Pipe	26.52	5.81
33 14 13 23-0182	LF	10" AWWA C900, DR 18, PC 235 Polyvinyl Chloride (PVC) Pipe	35.57	6.45
33 14 13 23-0183	LF	12" AWWA C900, DR 18, PC 235 Polyvinyl Chloride (PVC) Pipe	46.40	7.23
33 14 13 23-0184		**AWWA C900, DR 14, PC 305 Polyvinyl Chloride (PVC) Pipe** *(33 14 13 23-0171)*		
33 14 13 23-0185	LF	4" AWWA C900, DR 14, PC 305 Polyvinyl Chloride (PVC) Pipe	13.87	4.27
33 14 13 23-0186	LF	6" AWWA C900, DR 14, PC 305 Polyvinyl Chloride (PVC) Pipe	21.33	5.17
33 14 13 23-0187	LF	8" AWWA C900, DR 14, PC 305 Polyvinyl Chloride (PVC) Pipe	30.44	5.81
33 14 13 23-0188	LF	10" AWWA C900, DR 14, PC 305 Polyvinyl Chloride (PVC) Pipe	41.52	6.45
33 14 13 23-0189	LF	12" AWWA C900, DR 14, PC 305 Polyvinyl Chloride (PVC) Pipe	54.89	7.23
33 14 13 23-0190		**AWWA C905, DR 51, PC 80 Polyvinyl Chloride (PVC) Pipe** *(33 14 13 23-0171)*		
33 14 13 23-0191	LF	18" AWWA C905, DR 51, PC 80 Polyvinyl Chloride (PVC) Pipe	59.41	10.85
33 14 13 23-0192	LF	20" AWWA C905, DR 51, PC 80 Polyvinyl Chloride (PVC) Pipe	72.38	12.92
33 14 13 23-0193	LF	24" AWWA C905, DR 51, PC 80 Polyvinyl Chloride (PVC) Pipe	96.72	15.50
33 14 13 23-0194	LF	30" AWWA C905, DR 51, PC 80 Polyvinyl Chloride (PVC) Pipe	138.89	18.08
33 14 13 23-0195	LF	36" AWWA C905, DR 51, PC 80 Polyvinyl Chloride (PVC) Pipe	190.85	20.67
33 14 13 23-0196	LF	42" AWWA C905, DR 51, PC 80 Polyvinyl Chloride (PVC) Pipe	241.00	21.96
33 14 13 23-0197	LF	48" AWWA C905, DR 51, PC 80 Polyvinyl Chloride (PVC) Pipe	304.39	23.64
33 14 13 23-0198		**AWWA C905, DR 41, PC 100 Polyvinyl Chloride (PVC) Pipe** *(33 14 13 23-0171)*		
33 14 13 23-0199	LF	14" AWWA C905, DR 41, PC 100 Polyvinyl Chloride (PVC) Pipe	43.88	8.13
33 14 13 23-0200	LF	16" AWWA C905, DR 41, PC 100 Polyvinyl Chloride (PVC) Pipe	54.82	9.04
33 14 13 23-0201	LF	18" AWWA C905, DR 41, PC 100 Polyvinyl Chloride (PVC) Pipe	67.91	10.85
33 14 13 23-0202	LF	20" AWWA C905, DR 41, PC 100 Polyvinyl Chloride (PVC) Pipe	83.42	12.92
33 14 13 23-0203	LF	24" AWWA C905, DR 41, PC 100 Polyvinyl Chloride (PVC) Pipe	113.74	15.50
33 14 13 23-0204	LF	30" AWWA C905, DR 41, PC 100 Polyvinyl Chloride (PVC) Pipe	163.31	18.08
33 14 13 23-0205	LF	36" AWWA C905, DR 41, PC 100 Polyvinyl Chloride (PVC) Pipe	223.56	20.67
33 14 13 23-0206	LF	42" AWWA C905, DR 41, PC 100 Polyvinyl Chloride (PVC) Pipe	295.38	21.96
33 14 13 23-0207	LF	48" AWWA C905, DR 41, PC 100 Polyvinyl Chloride (PVC) Pipe	374.95	23.64

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 23-0208		**AWWA C905, DR 32.5, PC 125 Polyvinyl Chloride (PVC) Pipe** *(33 14 13 23-0171)*		
33 14 13 23-0209	LF	14" AWWA C905, DR 32.5, PC 125 Polyvinyl Chloride (PVC) Pipe	50.42	8.13
33 14 13 23-0210	LF	16" AWWA C905, DR 32.5, PC 125 Polyvinyl Chloride (PVC) Pipe	63.90	9.04
33 14 13 23-0211	LF	18" AWWA C905, DR 32.5, PC 125 Polyvinyl Chloride (PVC) Pipe	79.19	10.85
33 14 13 23-0212	LF	20" AWWA C905, DR 32.5, PC 125 Polyvinyl Chloride (PVC) Pipe	98.05	12.92
33 14 13 23-0213	LF	24" AWWA C905, DR 32.5, PC 125 Polyvinyl Chloride (PVC) Pipe	134.76	15.50
33 14 13 23-0214	LF	30" AWWA C905, DR 32.5, PC 125 Polyvinyl Chloride (PVC) Pipe	194.87	18.08
33 14 13 23-0215	LF	36" AWWA C905, DR 32.5, PC 125 Polyvinyl Chloride (PVC) Pipe	269.64	20.67
33 14 13 23-0216	LF	42" AWWA C905, DR 32.5, PC 125 Polyvinyl Chloride (PVC) Pipe	349.97	21.96
33 14 13 23-0217	LF	48" AWWA C905, DR 32.5, PC 125 Polyvinyl Chloride (PVC) Pipe	446.19	23.64
33 14 13 23-0218		**AWWA C905, DR 25, PC 165 Polyvinyl Chloride (PVC) Pipe** *(33 14 13 23-0171)*		
33 14 13 23-0219	LF	14" AWWA C905, DR 25, PC 165 Polyvinyl Chloride (PVC) Pipe	61.60	8.13
33 14 13 23-0220	LF	16" AWWA C905, DR 25, PC 165 Polyvinyl Chloride (PVC) Pipe	77.18	9.04
33 14 13 23-0221	LF	18" AWWA C905, DR 25, PC 165 Polyvinyl Chloride (PVC) Pipe	96.29	10.85
33 14 13 23-0222	LF	20" AWWA C905, DR 25, PC 165 Polyvinyl Chloride (PVC) Pipe	118.70	12.92
33 14 13 23-0223	LF	24" AWWA C905, DR 25, PC 165 Polyvinyl Chloride (PVC) Pipe	164.54	15.50
33 14 13 23-0224	LF	30" AWWA C905, DR 25, PC 165 Polyvinyl Chloride (PVC) Pipe	241.61	18.08
33 14 13 23-0225	LF	36" AWWA C905, DR 25, PC 165 Polyvinyl Chloride (PVC) Pipe	341.49	20.67
33 14 13 23-0226	LF	42" AWWA C905, DR 25, PC 165 Polyvinyl Chloride (PVC) Pipe	455.35	21.96
33 14 13 23-0227	LF	48" AWWA C905, DR 25, PC 165 Polyvinyl Chloride (PVC) Pipe	587.60	23.64
33 14 13 23-0228		**AWWA C905, DR 21, PC 200 Polyvinyl Chloride (PVC) Pipe** *(33 14 13 23-0171)*		
33 14 13 23-0229	LF	14" AWWA C905, DR 21, PC 200 Polyvinyl Chloride (PVC) Pipe	70.01	8.13
33 14 13 23-0230	LF	16" AWWA C905, DR 21, PC 200 Polyvinyl Chloride (PVC) Pipe	88.11	9.04
33 14 13 23-0231	LF	18" AWWA C905, DR 21, PC 200 Polyvinyl Chloride (PVC) Pipe	110.08	10.85
33 14 13 23-0232	LF	20" AWWA C905, DR 21, PC 200 Polyvinyl Chloride (PVC) Pipe	135.88	12.92
33 14 13 23-0233	LF	24" AWWA C905, DR 21, PC 200 Polyvinyl Chloride (PVC) Pipe	189.24	15.50
33 14 13 23-0234	LF	30" AWWA C905, DR 21, PC 200 Polyvinyl Chloride (PVC) Pipe	279.62	18.08
33 14 13 23-0235	LF	36" AWWA C905, DR 21, PC 200 Polyvinyl Chloride (PVC) Pipe	397.02	20.67
33 14 13 23-0236	LF	42" AWWA C905, DR 21, PC 200 Polyvinyl Chloride (PVC) Pipe	531.45	21.96
33 14 13 23-0237		**AWWA C905, DR 18, PC 235 Polyvinyl Chloride (PVC) Pipe** *(33 14 13 23-0171)*		
33 14 13 23-0238	LF	14" AWWA C905, DR 18, PC 235 Polyvinyl Chloride (PVC) Pipe	78.20	8.13
33 14 13 23-0239	LF	16" AWWA C905, DR 18, PC 235 Polyvinyl Chloride (PVC) Pipe	98.75	9.04
33 14 13 23-0240	LF	18" AWWA C905, DR 18, PC 235 Polyvinyl Chloride (PVC) Pipe	123.49	10.85
33 14 13 23-0241	LF	20" AWWA C905, DR 18, PC 235 Polyvinyl Chloride (PVC) Pipe	152.59	12.92
33 14 13 23-0242	LF	24" AWWA C905, DR 18, PC 235 Polyvinyl Chloride (PVC) Pipe	213.28	15.50
33 14 13 23-0243	LF	30" AWWA C905, DR 18, PC 235 Polyvinyl Chloride (PVC) Pipe	316.60	18.08
33 14 13 23-0244	LF	36" AWWA C905, DR 18, PC 235 Polyvinyl Chloride (PVC) Pipe	451.04	20.67
33 14 13 23-0245		**AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) Fittings** *(33 14 13 23)* Note: Includes rubber gaskets.		
33 14 13 23-0246		**90 Degree Elbows, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)** *(33 14 13 23-0245)*		
33 14 13 23-0247	EA	4" 90 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	206.54	13.36
		For DR 25, Deduct	*-10.79*	
33 14 13 23-0248	EA	6" 90 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	422.59	15.03
		For DR 25, Deduct	*-23.55*	
33 14 13 23-0249	EA	8" 90 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	634.64	16.70
		For DR 25, Deduct	*-36.07*	
33 14 13 23-0250	EA	10" 90 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	968.13	25.99
		For DR 25, Deduct	*-54.97*	
33 14 13 23-0251	EA	12" 90 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	1,259.73	43.33
		For DR 25, Deduct	*-70.39*	
33 14 13 23-0252	EA	14" 90 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	1,892.02	54.16
		For DR 25, Deduct	*-107.02*	
33 14 13 23-0253	EA	16" 90 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	2,257.89	64.99
		For DR 25, Deduct	*-127.67*	
33 14 13 23-0254	EA	18" 90 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	3,874.94	86.65
		For DR 25, Deduct	*-222.10*	
33 14 13 23-0255	EA	20" 90 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	4,770.16	108.32
		For DR 25, Deduct	*-273.21*	
33 14 13 23-0256	EA	24" 90 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	7,919.05	146.24
		For DR 25, Deduct	*-457.59*	
33 14 13 23-0257		**45 Degree Elbows, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)** *(33 14 13 23-0245)*		
33 14 13 23-0258	EA	4" 45 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	183.07	13.36
		For DR 25, Deduct	*-9.38*	
33 14 13 23-0259	EA	6" 45 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	316.10	15.03
		For DR 25, Deduct	*-17.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 23-0260	EA	8" 45 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	400.52	16.70
		For DR 25, Deduct	*-22.03*	
33 14 13 23-0261	EA	10" 45 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	565.51	25.99
		For DR 25, Deduct	*-30.81*	
33 14 13 23-0262	EA	12" 45 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	755.91	43.33
		For DR 25, Deduct	*-40.16*	
33 14 13 23-0263	EA	14" 45 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	1,453.77	54.16
		For DR 25, Deduct	*-80.73*	
33 14 13 23-0264	EA	16" 45 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	1,842.71	64.99
		For DR 25, Deduct	*-102.76*	
33 14 13 23-0265	EA	18" 45 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	3,180.80	86.65
		For DR 25, Deduct	*-180.45*	
33 14 13 23-0266	EA	20" 45 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	3,950.69	108.32
		For DR 25, Deduct	*-224.04*	
33 14 13 23-0267	EA	24" 45 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	5,575.32	146.24
		For DR 25, Deduct	*-316.97*	

33 14 13 23-0268 22-1/2 Degree Elbows, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) *(33 14 13 23-0245)*

33 14 13 23-0269	EA	4" 22-1/2 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	180.20	13.36
		For DR 25, Deduct	*-9.21*	
33 14 13 23-0270	EA	6" 22-1/2 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	316.10	15.03
		For DR 25, Deduct	*-17.16*	
33 14 13 23-0271	EA	8" 22-1/2 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	400.52	16.70
		For DR 25, Deduct	*-22.03*	
33 14 13 23-0272	EA	10" 22-1/2 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	565.52	25.99
		For DR 25, Deduct	*-30.81*	
33 14 13 23-0273	EA	12" 22-1/2 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	755.91	43.33
		For DR 25, Deduct	*-40.16*	
33 14 13 23-0274	EA	14" 22-1/2 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	1,449.42	51.99
		For DR 25, Deduct	*-80.73*	
33 14 13 23-0275	EA	16" 22-1/2 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	1,842.68	64.99
		For DR 25, Deduct	*-102.76*	
33 14 13 23-0276	EA	18" 22-1/2 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	3,180.80	86.65
		For DR 25, Deduct	*-180.45*	
33 14 13 23-0277	EA	20" 22-1/2 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	3,950.69	108.32
		For DR 25, Deduct	*-224.04*	
33 14 13 23-0278	EA	24" 22-1/2 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	5,575.32	146.24
		For DR 25, Deduct	*-316.97*	

33 14 13 23-0279 11-1/4 Degree Elbows, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) *(33 14 13 23-0245)*

33 14 13 23-0280	EA	4" 11-1/4 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	159.18	13.36
		For DR 25, Deduct	*-7.95*	
33 14 13 23-0281	EA	6" 11-1/4 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	316.10	15.03
		For DR 25, Deduct	*-17.16*	
33 14 13 23-0282	EA	8" 11-1/4 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	400.52	16.70
		For DR 25, Deduct	*-22.03*	
33 14 13 23-0283	EA	10" 11-1/4 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	565.52	25.99
		For DR 25, Deduct	*-30.81*	
33 14 13 23-0284	EA	12" 11-1/4 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	755.91	43.33
		For DR 25, Deduct	*-40.16*	
33 14 13 23-0285	EA	14" 11-1/4 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	1,449.42	51.99
		For DR 25, Deduct	*-80.73*	
33 14 13 23-0286	EA	16" 11-1/4 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	1,842.68	64.99
		For DR 25, Deduct	*-102.76*	
33 14 13 23-0287	EA	18" 11-1/4 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	3,180.80	86.65
		For DR 25, Deduct	*-180.45*	
33 14 13 23-0288	EA	20" 11-1/4 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	3,950.69	108.32
		For DR 25, Deduct	*-224.04*	
33 14 13 23-0289	EA	24" 11-1/4 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	5,575.32	146.24
		For DR 25, Deduct	*-316.97*	

33 14 13 23-0290 Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) *(33 14 13 23-0245)*

33 14 13 23-0291	EA	4" Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	245.45	15.03
		For DR 25, Deduct	*-12.92*	
33 14 13 23-0292	EA	6" Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	473.73	16.70
		For DR 25, Deduct	*-26.42*	
33 14 13 23-0293	EA	8" Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	660.98	18.93
		For DR 25, Deduct	*-37.39*	
33 14 13 23-0294	EA	10" Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	1,361.37	32.50
		For DR 25, Deduct	*-77.78*	
33 14 13 23-0295	EA	12" Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	1,661.23	64.99
		For DR 25, Deduct	*-91.88*	
33 14 13 23-0296	EA	14" Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	3,000.78	81.25
		For DR 25, Deduct	*-170.30*	
33 14 13 23-0297	EA	16" Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	3,716.82	97.49
		For DR 25, Deduct	*-211.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 23-0298	EA	18" Tee, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	4,689.64	129.98
		For DR 25, Deduct	*-265.78*	
33 14 13 23-0299	EA	20" Tee, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	5,631.58	162.48
		For DR 25, Deduct	*-318.40*	
33 14 13 23-0300	EA	24" Tee, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	7,728.04	110.49
		For DR 25, Deduct	*-450.42*	

33 14 13 23-0301 Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) *(33 14 13 23-0245)*

33 14 13 23-0302	EA	6" x 4" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	471.84	21.71
		For DR 25, Deduct	*-25.71*	
33 14 13 23-0303	EA	8" x 4" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	641.65	23.37
		For DR 25, Deduct	*-35.69*	
33 14 13 23-0304	EA	8" x 6" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	657.73	24.21
		For DR 25, Deduct	*-36.56*	
33 14 13 23-0305	EA	10" x 4" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	852.23	32.50
		For DR 25, Deduct	*-47.23*	
33 14 13 23-0306	EA	10" x 6" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	1,154.37	33.31
		For DR 25, Deduct	*-65.27*	
33 14 13 23-0307	EA	10" x 8" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	1,234.94	34.12
		For DR 25, Deduct	*-70.00*	
33 14 13 23-0308	EA	12" x 4" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	1,309.05	49.83
		For DR 25, Deduct	*-72.56*	
33 14 13 23-0309	EA	12" x 6" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	1,502.76	50.65
		For DR 25, Deduct	*-84.09*	
33 14 13 23-0310	EA	12" x 8" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	1,594.30	51.45
		For DR 25, Deduct	*-89.48*	
33 14 13 23-0311	EA	12" x 10" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	1,624.28	56.32
		For DR 25, Deduct	*-90.70*	
33 14 13 23-0312	EA	14" x 4" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	2,467.19	58.49
		For DR 25, Deduct	*-141.01*	
33 14 13 23-0313	EA	14" x 6" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	2,566.45	59.30
		For DR 25, Deduct	*-146.87*	
33 14 13 23-0314	EA	14" x 8" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	2,665.94	60.12
		For DR 25, Deduct	*-152.74*	
33 14 13 23-0315	EA	14" x 10" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	2,773.01	64.99
		For DR 25, Deduct	*-158.58*	
33 14 13 23-0316	EA	14" x 12" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	2,888.04	73.66
		For DR 25, Deduct	*-164.44*	
33 14 13 23-0317	EA	16" x 4" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	3,078.99	71.49
		For DR 25, Deduct	*-176.16*	
33 14 13 23-0318	EA	16" x 6" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	3,176.59	71.49
		For DR 25, Deduct	*-182.02*	
33 14 13 23-0319	EA	16" x 8" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	3,275.86	72.31
		For DR 25, Deduct	*-187.88*	
33 14 13 23-0320	EA	16" x 10" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	3,375.14	73.12
		For DR 25, Deduct	*-193.73*	
33 14 13 23-0321	EA	16" x 12" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	3,499.83	86.65
		For DR 25, Deduct	*-199.59*	
33 14 13 23-0322	EA	16" x 14" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	3,606.12	90.99
		For DR 25, Deduct	*-205.45*	
33 14 13 23-0323	EA	18" x 4" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	3,805.05	93.15
		For DR 25, Deduct	*-217.12*	
33 14 13 23-0324	EA	18" x 6" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	3,904.99	93.97
		For DR 25, Deduct	*-223.02*	
33 14 13 23-0325	EA	18" x 8" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	4,004.25	94.78
		For DR 25, Deduct	*-228.88*	
33 14 13 23-0326	EA	18" x 10" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	4,111.63	99.66
		For DR 25, Deduct	*-234.74*	
33 14 13 23-0327	EA	18" x 12" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	4,226.56	108.32
		For DR 25, Deduct	*-240.59*	
33 14 13 23-0328	EA	18" x 14" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	4,332.19	112.66
		For DR 25, Deduct	*-246.41*	
33 14 13 23-0329	EA	18" x 16" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	4,466.43	119.16
		For DR 25, Deduct	*-253.69*	
33 14 13 23-0330	EA	20" x 4" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	4,826.02	114.83
		For DR 25, Deduct	*-275.78*	
33 14 13 23-0331	EA	20" x 6" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	4,994.37	115.64
		For DR 25, Deduct	*-285.79*	
33 14 13 23-0332	EA	20" x 8" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	5,060.62	116.45
		For DR 25, Deduct	*-289.66*	
33 14 13 23-0333	EA	20" x 10" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	5,135.08	121.32
		For DR 25, Deduct	*-293.55*	
33 14 13 23-0334	EA	20" x 12" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	5,217.07	129.98
		For DR 25, Deduct	*-297.43*	
33 14 13 23-0335	EA	20" x 14" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	5,330.56	134.32
		For DR 25, Deduct	*-303.72*	
33 14 13 23-0336	EA	20" x 16" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	5,448.40	140.82
		For DR 25, Deduct	*-310.01*	
33 14 13 23-0337	EA	20" x 18" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	5,539.98	151.66
		For DR 25, Deduct	*-314.20*	
33 14 13 23-0338	EA	24" x 4" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	5,681.98	152.74
		For DR 25, Deduct	*-322.59*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 23-0339	EA	24" x 6" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	5,753.55	153.55
		For DR 25, Deduct	*-326.79*	
33 14 13 23-0340	EA	24" x 8" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	5,825.11	154.36
		For DR 25, Deduct	*-330.98*	
33 14 13 23-0341	EA	24" x 10" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	6,119.24	159.23
		For DR 25, Deduct	*-348.05*	
33 14 13 23-0342	EA	24" x 12" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	6,420.93	167.90
		For DR 25, Deduct	*-365.11*	
33 14 13 23-0343	EA	24" x 14" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	6,713.98	172.23
		For DR 25, Deduct	*-382.17*	
33 14 13 23-0344	EA	24" x 16" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	7,011.37	178.73
		For DR 25, Deduct	*-399.23*	
33 14 13 23-0345	EA	24" x 18" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	7,317.42	189.56
		For DR 25, Deduct	*-416.30*	
33 14 13 23-0346	EA	24" x 20" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	7,623.45	200.39
		For DR 25, Deduct	*-433.36*	

33 14 13 23-0347 Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) *(33 14 13 23-0245)*

33 14 13 23-0348	EA	4" Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	340.63	26.71
		For DR 25, Deduct	*-17.23*	
33 14 13 23-0349	EA	6" Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	611.30	30.05
		For DR 25, Deduct	*-33.07*	
33 14 13 23-0350	EA	8" Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	846.08	33.39
		For DR 25, Deduct	*-46.76*	
33 14 13 23-0351	EA	10" Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	1,723.77	51.99
		For DR 25, Deduct	*-97.19*	
33 14 13 23-0352	EA	12" Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	2,044.42	64.99
		For DR 25, Deduct	*-114.87*	
33 14 13 23-0353	EA	14" Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	3,721.40	86.65
		For DR 25, Deduct	*-212.88*	
33 14 13 23-0354	EA	16" Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	4,618.22	108.32
		For DR 25, Deduct	*-264.10*	
33 14 13 23-0355	EA	18" Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	5,884.54	173.32
		For DR 25, Deduct	*-332.27*	
33 14 13 23-0356	EA	20" Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	7,066.65	216.65
		For DR 25, Deduct	*-398.00*	
33 14 13 23-0357	EA	24" Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	9,968.20	292.47
		For DR 25, Deduct	*-563.00*	

33 14 13 23-0358 Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) *(33 14 13 23-0245)*

33 14 13 23-0359	EA	6" x 4" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	592.74	28.38
		For DR 25, Deduct	*-32.16*	
33 14 13 23-0360	EA	8" x 4" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	804.66	30.05
		For DR 25, Deduct	*-44.67*	
33 14 13 23-0361	EA	8" x 6" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	825.25	31.72
		For DR 25, Deduct	*-45.71*	
33 14 13 23-0362	EA	10" x 4" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	1,235.84	39.00
		For DR 25, Deduct	*-69.47*	
33 14 13 23-0363	EA	10" x 6" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	1,441.12	40.62
		For DR 25, Deduct	*-81.59*	
33 14 13 23-0364	EA	10" x 8" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	1,583.16	42.25
		For DR 25, Deduct	*-89.92*	
33 14 13 23-0365	EA	12" x 4" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	1,624.89	56.32
		For DR 25, Deduct	*-90.73*	
33 14 13 23-0366	EA	12" x 6" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	1,867.69	57.95
		For DR 25, Deduct	*-105.11*	
33 14 13 23-0367	EA	12" x 8" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	1,983.35	59.57
		For DR 25, Deduct	*-111.85*	
33 14 13 23-0368	EA	12" x 10" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	2,028.02	69.33
		For DR 25, Deduct	*-113.36*	
33 14 13 23-0369	EA	14" x 4" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	3,067.71	64.99
		For DR 25, Deduct	*-176.26*	
33 14 13 23-0370	EA	14" x 6" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	3,192.65	66.62
		For DR 25, Deduct	*-183.56*	
33 14 13 23-0371	EA	14" x 8" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	3,318.92	68.24
		For DR 25, Deduct	*-190.95*	
33 14 13 23-0372	EA	14" x 10" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	3,460.92	77.99
		For DR 25, Deduct	*-198.30*	
33 14 13 23-0373	EA	14" x 12" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	3,617.16	95.32
		For DR 25, Deduct	*-205.59*	
33 14 13 23-0374	EA	16" x 4" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	3,825.39	77.99
		For DR 25, Deduct	*-220.16*	
33 14 13 23-0375	EA	16" x 6" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	3,951.97	79.62
		For DR 25, Deduct	*-227.56*	
33 14 13 23-0376	EA	16" x 8" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	4,077.19	81.25
		For DR 25, Deduct	*-234.88*	
33 14 13 23-0377	EA	16" x 10" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	4,219.09	90.99
		For DR 25, Deduct	*-242.23*	
33 14 13 23-0378	EA	16" x 12" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	4,288.42	108.32
		For DR 25, Deduct	*-244.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 23-0379	EA	16" x 14" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	4,514.52	116.99
		For DR 25, Deduct	*-256.83*	
33 14 13 23-0380	EA	18" x 4" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	4,723.34	99.66
		For DR 25, Deduct	*-271.44*	
33 14 13 23-0381	EA	18" x 6" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	4,849.61	101.28
		For DR 25, Deduct	*-278.82*	
33 14 13 23-0382	EA	18" x 8" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	4,975.02	102.91
		For DR 25, Deduct	*-286.15*	
33 14 13 23-0383	EA	18" x 10" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	5,115.09	112.66
		For DR 25, Deduct	*-293.39*	
33 14 13 23-0384	EA	18" x 12" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	5,272.79	129.98
		For DR 25, Deduct	*-300.77*	
33 14 13 23-0385	EA	18" x 14" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	5,411.72	138.65
		For DR 25, Deduct	*-308.06*	
33 14 13 23-0386	EA	18" x 16" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	5,589.02	151.66
		For DR 25, Deduct	*-317.14*	
33 14 13 23-0387	EA	20" x 4" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	5,988.70	121.32
		For DR 25, Deduct	*-344.76*	
33 14 13 23-0388	EA	20" x 6" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	6,199.99	122.94
		For DR 25, Deduct	*-357.25*	
33 14 13 23-0389	EA	20" x 8" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	6,284.64	124.57
		For DR 25, Deduct	*-362.13*	
33 14 13 23-0390	EA	20" x 10" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	6,384.66	134.32
		For DR 25, Deduct	*-366.96*	
33 14 13 23-0391	EA	20" x 12" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	6,499.86	151.66
		For DR 25, Deduct	*-371.79*	
33 14 13 23-0392	EA	20" x 14" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	6,647.32	160.31
		For DR 25, Deduct	*-379.60*	
33 14 13 23-0393	EA	20" x 16" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	6,806.04	173.32
		For DR 25, Deduct	*-387.56*	
33 14 13 23-0394	EA	20" x 18" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	6,936.52	194.98
		For DR 25, Deduct	*-392.79*	
33 14 13 23-0395	EA	24" x 4" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	7,000.30	159.23
		For DR 25, Deduct	*-400.91*	
33 14 13 23-0396	EA	24" x 6" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	7,130.22	160.86
		For DR 25, Deduct	*-408.51*	
33 14 13 23-0397	EA	24" x 8" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	7,221.24	162.48
		For DR 25, Deduct	*-413.78*	
33 14 13 23-0398	EA	24" x 10" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	7,595.81	172.23
		For DR 25, Deduct	*-435.08*	
33 14 13 23-0399	EA	24" x 12" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	7,985.65	189.56
		For DR 25, Deduct	*-456.39*	
33 14 13 23-0400	EA	24" x 14" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	8,358.10	198.23
		For DR 25, Deduct	*-477.70*	
33 14 13 23-0401	EA	24" x 16" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	8,740.75	211.23
		For DR 25, Deduct	*-499.10*	
33 14 13 23-0402	EA	24" x 18" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	9,138.43	232.89
		For DR 25, Deduct	*-520.36*	
33 14 13 23-0403	EA	24" x 20" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	9,537.64	254.56
		For DR 25, Deduct	*-541.71*	

33 14 13 23-0404 Couplings, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) *(33 14 13 23-0245)*

33 14 13 23-0405	EA	4" Coupling, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	123.57	13.36
		For DR 25, Deduct	*-5.81*	
33 14 13 23-0406	EA	6" Coupling, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	229.96	15.03
		For DR 25, Deduct	*-11.99*	
33 14 13 23-0407	EA	8" Coupling, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	276.74	16.70
		For DR 25, Deduct	*-14.60*	
33 14 13 23-0408	EA	10" Coupling, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	392.39	25.99
		For DR 25, Deduct	*-20.42*	
33 14 13 23-0409	EA	12" Coupling, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	624.31	32.50
		For DR 25, Deduct	*-33.56*	
33 14 13 23-0410	EA	14" Coupling, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	1,083.33	43.33
		For DR 25, Deduct	*-59.80*	
33 14 13 23-0411	EA	16" Coupling, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	1,283.29	54.16
		For DR 25, Deduct	*-70.50*	
33 14 13 23-0412	EA	18" Coupling, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	3,072.78	86.65
		For DR 25, Deduct	*-173.97*	
33 14 13 23-0413	EA	20" Coupling, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	3,444.65	108.32
		For DR 25, Deduct	*-193.68*	
33 14 13 23-0414	EA	24" Coupling, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	4,850.22	146.24
		For DR 25, Deduct	*-273.47*	

33 14 13 23-0415 Flanged End x Gasket Joint Adapter, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) *(33 14 13 23-0245)*

33 14 13 23-0416	EA	4" Flanged End x Gasket Joint Adapter, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	153.05	13.36
		For DR 25, Deduct	*-7.58*	
33 14 13 23-0417	EA	6" Flanged End x Gasket Joint Adapter, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	207.82	15.03
		For DR 25, Deduct	*-10.67*	
33 14 13 23-0418	EA	8" Flanged End x Gasket Joint Adapter, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	301.94	16.70
		For DR 25, Deduct	*-16.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 23-0419	EA	10" Flanged End x Gasket Joint Adapter, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	412.05	25.99
		For DR 25, Deduct	*-21.60*	
33 14 13 23-0420	EA	12" Flanged End x Gasket Joint Adapter, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	660.29	43.33
		For DR 25, Deduct	*-34.42*	
33 14 13 23-0421	EA	14" Flanged End x Gasket Joint Adapter, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	1,753.56	51.99
		For DR 25, Deduct	*-98.97*	
33 14 13 23-0422	EA	16" Flanged End x Gasket Joint Adapter, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	2,373.78	64.99
		For DR 25, Deduct	*-134.63*	
33 14 13 23-0423	EA	18" Flanged End x Gasket Joint Adapter, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	2,924.76	86.65
		For DR 25, Deduct	*-165.09*	
33 14 13 23-0424	EA	20" Flanged End x Gasket Joint Adapter, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	3,494.22	108.32
		For DR 25, Deduct	*-196.65*	
33 14 13 23-0425	EA	24" Flanged End x Gasket Joint Adapter, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	4,746.79	146.24
		For DR 25, Deduct	*-267.26*	

33 14 13 23-0426 AWWA C906, High Density Polyethylene (HDPE) Pressure Piping *(33 14 13 23)*

Note: ASTM D3350 pipe, ASTM D2657 heat fusion.

33 14 13 23-0427 High Density Polyethylene (HDPE) Pressure Pipe *(33 14 13 23-0426)*

33 14 13 23-0428	LF	3" DR 21, Butt Fusion Joint High Density Polyethylene (HDPE) Pressure Pipe	9.98	3.36
		For SDR 19, Add	*0.29*	
		For SDR 17, Add	*0.71*	
		For SDR 15.5, Add	*1.04*	
		For SDR 13.5, Add	*1.63*	
		For SDR 11, Add	*2.62*	
		For DR 9, Add	*3.73*	
33 14 13 23-0429	LF	4" DR 21, Butt Fusion Joint High Density Polyethylene (HDPE) Pressure Pipe	10.08	4.27
		For SDR 26, Deduct	*-0.29*	
		For SDR 19, Add	*0.14*	
		For SDR 17, Add	*0.35*	
		For SDR 15.5, Add	*0.51*	
		For SDR 13.5, Add	*0.79*	
		For SDR 11, Add	*1.28*	
		For DR 9, Add	*1.82*	
33 14 13 23-0430	LF	6" DR 21, Butt Fusion Joint High Density Polyethylene (HDPE) Pressure Pipe	13.71	5.17
		For SDR 26, Deduct	*-0.62*	
		For SDR 19, Add	*0.30*	
		For SDR 17, Add	*0.75*	
		For SDR 15.5, Add	*1.10*	
		For SDR 13.5, Add	*1.72*	
		For SDR 11, Add	*2.76*	
		For DR 9, Add	*3.94*	
33 14 13 23-0431	LF	8" DR 21, Butt Fusion Joint High Density Polyethylene (HDPE) Pressure Pipe	17.36	5.81
		For SDR 26, Deduct	*-1.05*	
		For SDR 19, Add	*0.52*	
		For SDR 17, Add	*1.27*	
		For SDR 15.5, Add	*1.86*	
		For SDR 13.5, Add	*2.91*	
		For SDR 11, Add	*4.68*	
		For DR 9, Add	*6.69*	
33 14 13 23-0432	LF	10" DR 21, Butt Fusion Joint High Density Polyethylene (HDPE) Pressure Pipe	21.83	6.45
		For SDR 26, Deduct	*-1.63*	
		For SDR 19, Add	*0.80*	
		For SDR 17, Add	*1.98*	
		For SDR 15.5, Add	*2.90*	
		For SDR 13.5, Add	*4.53*	
		For SDR 11, Add	*7.28*	
		For DR 9, Add	*10.40*	
33 14 13 23-0433	LF	12" DR 21, Butt Fusion Joint High Density Polyethylene (HDPE) Pressure Pipe	27.19	7.23
		For SDR 26, Deduct	*-2.36*	
		For SDR 19, Add	*1.16*	
		For SDR 17, Add	*2.86*	
		For SDR 15.5, Add	*4.18*	
		For SDR 13.5, Add	*6.53*	
		For SDR 11, Add	*10.50*	
		For DR 9, Add	*14.99*	
33 14 13 23-0434	LF	14" DR 21, Butt Fusion Joint High Density Polyethylene (HDPE) Pressure Pipe	31.26	8.13
		For SDR 26, Deduct	*-2.77*	
		For SDR 19, Add	*1.36*	
		For SDR 17, Add	*3.36*	
		For SDR 15.5, Add	*4.92*	
		For SDR 13.5, Add	*7.67*	
		For SDR 11, Add	*12.35*	
		For DR 9, Add	*17.63*	
33 14 13 23-0435	LF	16" DR 21, Butt Fusion Joint High Density Polyethylene (HDPE) Pressure Pipe	37.81	9.04
		For SDR 26, Deduct	*-3.62*	
		For SDR 19, Add	*1.78*	
		For SDR 17, Add	*4.38*	
		For SDR 15.5, Add	*6.42*	
		For SDR 13.5, Add	*10.02*	
		For SDR 11, Add	*16.13*	
		For DR 9, Add	*23.02*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 23-0436	LF	18" DR 21, Butt Fusion Joint High Density Polyethylene (HDPE) Pressure Pipe	46.70	10.85
		For SDR 26, Deduct	*-4.57*	
		For SDR 19, Add	*2.24*	
		For SDR 17, Add	*5.54*	
		For SDR 15.5, Add	*8.12*	
		For SDR 13.5, Add	*12.67*	
		For SDR 11, Add	*20.39*	
		For DR 9, Add	*29.10*	
33 14 13 23-0437	LF	20" DR 21, Butt Fusion Joint High Density Polyethylene (HDPE) Pressure Pipe	128.97	12.92
		For SDR 26, Deduct	*-18.90*	
		For SDR 19, Add	*9.28*	
		For SDR 17, Add	*22.92*	
		For SDR 15.5, Add	*33.56*	
		For SDR 13.5, Add	*52.38*	
		For SDR 11, Add	*84.31*	
		For DR 9, Add	*120.32*	
33 14 13 23-0438	LF	24" DR 21, Butt Fusion Joint High Density Polyethylene (HDPE) Pressure Pipe	75.38	15.50
		For SDR 26, Deduct	*-8.13*	
		For SDR 19, Add	*3.99*	
		For SDR 17, Add	*9.86*	
		For SDR 15.5, Add	*14.44*	
		For SDR 13.5, Add	*22.54*	
		For SDR 11, Add	*36.28*	
		For DR 9, Add	*51.78*	

33 14 13 23-0439 90 Degree Elbows, High Density Polyethylene (HDPE) Pressure Piping *(33 14 13 23-0426)*

33 14 13 23-0440	EA	3" 90 Degree Elbow, DR 21 High Density Polyethylene (HDPE) Pressure Piping	63.20	16.70
		For SDR 26, Deduct	*-2.40*	
		For SDR 19, Add	*1.18*	
		For SDR 17, Add	*2.91*	
		For SDR 15.5, Add	*4.27*	
		For SDR 13.5, Add	*6.66*	
		For SDR 11, Add	*10.72*	
33 14 13 23-0441	EA	4" 90 Degree Elbow, DR 21 High Density Polyethylene (HDPE) Pressure Piping	71.28	18.56
		For SDR 26, Deduct	*-2.86*	
		For SDR 19, Add	*1.41*	
		For SDR 17, Add	*3.47*	
		For SDR 15.5, Add	*5.08*	
		For SDR 13.5, Add	*7.93*	
		For SDR 11, Add	*12.77*	
33 14 13 23-0442	EA	6" 90 Degree Elbow, DR 21 High Density Polyethylene (HDPE) Pressure Piping	105.11	21.21
		For SDR 26, Deduct	*-7.61*	
		For SDR 19, Add	*3.74*	
		For SDR 17, Add	*9.23*	
		For SDR 15.5, Add	*13.52*	
		For SDR 13.5, Add	*21.10*	
		For SDR 11, Add	*33.96*	
33 14 13 23-0443	EA	8" 90 Degree Elbow, DR 21 High Density Polyethylene (HDPE) Pressure Piping	161.07	24.76
		For SDR 26, Deduct	*-15.92*	
		For SDR 19, Add	*7.81*	
		For SDR 17, Add	*19.29*	
		For SDR 15.5, Add	*28.25*	
		For SDR 13.5, Add	*44.10*	
		For SDR 11, Add	*70.98*	
33 14 13 23-0444	EA	10" 90 Degree Elbow, DR 21 High Density Polyethylene (HDPE) Pressure Piping	243.89	33.06
		For SDR 26, Deduct	*-26.57*	
		For SDR 19, Add	*13.04*	
		For SDR 17, Add	*32.20*	
		For SDR 15.5, Add	*47.16*	
		For SDR 13.5, Add	*73.61*	
		For SDR 11, Add	*118.48*	
33 14 13 23-0445	EA	12" 90 Degree Elbow, DR 21 High Density Polyethylene (HDPE) Pressure Piping	360.61	49.48
		For SDR 26, Deduct	*-38.90*	
		For SDR 19, Add	*19.10*	
		For SDR 17, Add	*47.16*	
		For SDR 15.5, Add	*69.06*	
		For SDR 13.5, Add	*107.79*	
		For SDR 11, Add	*173.50*	
33 14 13 23-0446	EA	14" 90 Degree Elbow, DR 21 High Density Polyethylene (HDPE) Pressure Piping	451.00	66.04
		For SDR 26, Deduct	*-46.37*	
		For SDR 19, Add	*22.77*	
		For SDR 17, Add	*56.22*	
		For SDR 15.5, Add	*82.33*	
		For SDR 13.5, Add	*128.50*	
		For SDR 11, Add	*206.83*	
33 14 13 23-0447	EA	16" 90 Degree Elbow, DR 21 High Density Polyethylene (HDPE) Pressure Piping	599.73	98.96
		For SDR 26, Deduct	*-55.53*	
		For SDR 19, Add	*27.27*	
		For SDR 17, Add	*67.32*	
		For SDR 15.5, Add	*98.59*	
		For SDR 13.5, Add	*153.88*	
		For SDR 11, Add	*247.68*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 23-0448	EA	18" 90 Degree Elbow, DR 21 High Density Polyethylene (HDPE) Pressure Piping	746.27	111.32
		For SDR 26, Deduct	*-75.57*	
		For SDR 19, Add	*37.11*	
		For SDR 17, Add	*91.61*	
		For SDR 15.5, Add	*134.16*	
		For SDR 13.5, Add	*209.41*	
		For SDR 11, Add	*337.06*	
33 14 13 23-0449	EA	20" 90 Degree Elbow, DR 21 High Density Polyethylene (HDPE) Pressure Piping	1,002.92	126.34
		For SDR 26, Deduct	*-113.65*	
		For SDR 19, Add	*55.80*	
		For SDR 17, Add	*137.76*	
		For SDR 15.5, Add	*201.75*	
		For SDR 13.5, Add	*314.90*	
		For SDR 11, Add	*506.85*	
33 14 13 23-0450	EA	24" 90 Degree Elbow, DR 21 High Density Polyethylene (HDPE) Pressure Piping	1,272.98	148.50
		For SDR 26, Deduct	*-151.72*	
		For SDR 19, Add	*74.49*	
		For SDR 17, Add	*183.92*	
		For SDR 15.5, Add	*269.34*	
		For SDR 13.5, Add	*420.39*	
		For SDR 11, Add	*676.65*	

33 14 13 23-0451 Tees, High Density Polyethylene (HDPE) Pressure Piping *(33 14 13 23-0426)*

33 14 13 23-0452	EA	3" Tee, DR 21 High Density Polyethylene (HDPE) Pressure Piping	69.46	17.48
		For SDR 26, Deduct	*-3.14*	
		For SDR 19, Add	*1.54*	
		For SDR 17, Add	*3.81*	
		For SDR 15.5, Add	*5.58*	
		For SDR 13.5, Add	*8.71*	
		For SDR 11, Add	*14.01*	
33 14 13 23-0453	EA	4" Tee, DR 21 High Density Polyethylene (HDPE) Pressure Piping	79.52	19.79
		For SDR 26, Deduct	*-3.70*	
		For SDR 19, Add	*1.82*	
		For SDR 17, Add	*4.48*	
		For SDR 15.5, Add	*6.57*	
		For SDR 13.5, Add	*10.25*	
		For SDR 11, Add	*16.50*	
33 14 13 23-0454	EA	6" Tee, DR 21 High Density Polyethylene (HDPE) Pressure Piping	121.21	22.85
		For SDR 26, Deduct	*-9.67*	
		For SDR 19, Add	*4.75*	
		For SDR 17, Add	*11.72*	
		For SDR 15.5, Add	*17.16*	
		For SDR 13.5, Add	*26.79*	
		For SDR 11, Add	*43.11*	
33 14 13 23-0455	EA	8" Tee, DR 21 High Density Polyethylene (HDPE) Pressure Piping	214.74	27.00
		For SDR 26, Deduct	*-24.53*	
		For SDR 19, Add	*12.04*	
		For SDR 17, Add	*29.73*	
		For SDR 15.5, Add	*43.54*	
		For SDR 13.5, Add	*67.96*	
		For SDR 11, Add	*109.39*	
33 14 13 23-0456	EA	10" Tee, DR 21 High Density Polyethylene (HDPE) Pressure Piping	295.05	39.63
		For SDR 26, Deduct	*-32.31*	
		For SDR 19, Add	*15.87*	
		For SDR 17, Add	*39.17*	
		For SDR 15.5, Add	*57.36*	
		For SDR 13.5, Add	*89.54*	
		For SDR 11, Add	*144.12*	
33 14 13 23-0457	EA	12" Tee, DR 21 High Density Polyethylene (HDPE) Pressure Piping	418.85	59.45
		For SDR 26, Deduct	*-44.12*	
		For SDR 19, Add	*21.66*	
		For SDR 17, Add	*53.49*	
		For SDR 15.5, Add	*78.33*	
		For SDR 13.5, Add	*122.26*	
		For SDR 11, Add	*196.78*	
33 14 13 23-0458	EA	14" Tee, DR 21 High Density Polyethylene (HDPE) Pressure Piping	505.82	74.25
		For SDR 26, Deduct	*-51.91*	
		For SDR 19, Add	*25.49*	
		For SDR 17, Add	*62.92*	
		For SDR 15.5, Add	*92.15*	
		For SDR 13.5, Add	*143.83*	
		For SDR 11, Add	*231.51*	
33 14 13 23-0459	EA	16" Tee, DR 21 High Density Polyethylene (HDPE) Pressure Piping	670.40	111.32
		For SDR 26, Deduct	*-61.64*	
		For SDR 19, Add	*30.27*	
		For SDR 17, Add	*74.72*	
		For SDR 15.5, Add	*109.43*	
		For SDR 13.5, Add	*170.80*	
		For SDR 11, Add	*274.92*	
33 14 13 23-0460	EA	18" Tee, DR 21 High Density Polyethylene (HDPE) Pressure Piping	856.26	129.68
		For SDR 26, Deduct	*-85.65*	
		For SDR 19, Add	*42.05*	
		For SDR 17, Add	*103.83*	
		For SDR 15.5, Add	*152.05*	
		For SDR 13.5, Add	*237.33*	
		For SDR 11, Add	*381.99*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 23-0461	EA	20" Tee, DR 21 High Density Polyethylene (HDPE) Pressure Piping	1,185.04	153.18
		For SDR 26, Deduct	*-132.04*	
		For SDR 19, Add	*64.83*	
		For SDR 17, Add	*160.07*	
		For SDR 15.5, Add	*234.41*	
		For SDR 13.5, Add	*365.88*	
		For SDR 11, Add	*588.90*	
33 14 13 23-0462	EA	24" Tee, DR 21 High Density Polyethylene (HDPE) Pressure Piping	1,530.07	185.68
		For SDR 26, Deduct	*-178.44*	
		For SDR 19, Add	*87.61*	
		For SDR 17, Add	*216.31*	
		For SDR 15.5, Add	*316.77*	
		For SDR 13.5, Add	*494.43*	
		For SDR 11, Add	*795.82*	

33 14 13 26 Galvanized Steel Public Water Utility Distribution Piping *(33 14 13)*

See CSI section 22 11 16 00-0013 for galvanized steel pipe.

33 14 13 36 Steel Public Water Utility Distribution Piping *(33 14 13)*

33 14 13 36-0001 Steel Piping *(33 14 13 36)*

33 14 13 36-0002 Welded, Plain End, Uncoated Steel Piping *(33 14 13 36-0001)*

Note: ASTM A252 steel pipe. See CSI section 33 14 13 43-0001 for pipe coatings, 33 14 13 43-0053 for pipe linings.

33 14 13 36-0003 Up To 1/4" Wall Thickness Welded, Plain End, Uncoated Steel Piping *(33 14 13 36-0002)*

33 14 13 36-0004	LF	8" Diameter, 3/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	108.41	29.58
		For Installation In Tunnel (Includes Skids, Spacers And All Materials), Add	*10.55*	
		For <100, Add	*12.14*	
		For >1,000, Deduct	*-5.42*	
33 14 13 36-0005	LF	8" Diameter, 1/4" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	128.66	29.58
		For Installation In Tunnel (Includes Skids, Spacers And All Materials), Add	*11.06*	
		For <100, Add	*13.16*	
		For >1,000, Deduct	*-6.43*	
33 14 13 36-0006	LF	10" Diameter, 3/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	128.52	32.27
		For Installation In Tunnel (Includes Skids, Spacers And All Materials), Add	*11.77*	
		For <100, Add	*13.76*	
		For >1,000, Deduct	*-6.43*	
33 14 13 36-0007	LF	10" Diameter, 1/4" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	154.12	32.27
		For Installation In Tunnel (Includes Skids, Spacers And All Materials), Add	*12.41*	
		For <100, Add	*15.04*	
		For >1,000, Deduct	*-7.71*	
33 14 13 36-0008	LF	12" Diameter, 3/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	154.73	33.81
		For Installation In Tunnel (Includes Skids, Spacers And All Materials), Add	*12.83*	
		For <100, Add	*15.42*	
		For >1,000, Deduct	*-7.74*	
33 14 13 36-0009	LF	12" Diameter, 1/4" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	174.64	33.81
		For Installation In Tunnel (Includes Skids, Spacers And All Materials), Add	*13.33*	
		For <100, Add	*16.41*	
		For >1,000, Deduct	*-8.73*	
33 14 13 36-0010	LF	14" Diameter, 3/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	186.89	37.37
		For Installation In Tunnel (Includes Skids, Spacers And All Materials), Add	*14.58*	
		For <100, Add	*17.84*	
		For >1,000, Deduct	*-9.34*	
33 14 13 36-0011	LF	14" Diameter, 1/4" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	202.80	37.37
		For Installation In Tunnel (Includes Skids, Spacers And All Materials), Add	*14.98*	
		For <100, Add	*18.63*	
		For >1,000, Deduct	*-10.14*	
33 14 13 36-0012	LF	16" Diameter, 3/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	198.32	39.44
		For Installation In Tunnel (Includes Skids, Spacers And All Materials), Add	*15.42*	
		For <100, Add	*18.88*	
		For >1,000, Deduct	*-9.92*	
33 14 13 36-0013	LF	16" Diameter, 1/4" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	210.60	39.44
		For Installation In Tunnel (Includes Skids, Spacers And All Materials), Add	*15.72*	
		For <100, Add	*19.49*	
		For >1,000, Deduct	*-10.53*	
33 14 13 36-0014	LF	18" Diameter, 1/4" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	245.03	44.37
		For Installation In Tunnel (Includes Skids, Spacers And All Materials), Add	*17.89*	
		For <100, Add	*22.33*	
		For >1,000, Deduct	*-12.25*	
33 14 13 36-0015	LF	20" Diameter, 1/4" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	265.16	44.37
		For Installation In Tunnel (Includes Skids, Spacers And All Materials), Add	*18.39*	
		For <100, Add	*23.34*	
		For >1,000, Deduct	*-13.26*	

33 14 13 36-0016 5/16" To 1/2" Wall Thickness Welded, Plain End, Uncoated Steel Piping *(33 14 13 36-0002)*

33 14 13 36-0017	LF	12" Diameter, 5/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	208.15	54.05
		For Installation In Tunnel (Includes Skids, Spacers And All Materials), Add	*15.11*	
		For <100, Add	*18.90*	
		For >1,000, Deduct	*-10.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 36-0018	LF	14" Diameter, 5/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	246.87	59.45
		For Installation In Tunnel (Includes Skids, Spacers And All Materials), Add	*17.12*	
		For <100, Add	*21.73*	
		For >1,000, Deduct	*-12.34*	
33 14 13 36-0019	LF	16" Diameter, 5/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	274.13	62.16
		For Installation In Tunnel (Includes Skids, Spacers And All Materials), Add	*18.42*	
		For <100, Add	*23.62*	
		For >1,000, Deduct	*-13.71*	
33 14 13 36-0020	LF	18" Diameter, 5/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	309.23	70.27
		For Installation In Tunnel (Includes Skids, Spacers And All Materials), Add	*20.74*	
		For <100, Add	*26.61*	
		For >1,000, Deduct	*-15.46*	
33 14 13 36-0021	LF	18" Diameter, 3/8" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	322.88	70.27
		For Installation In Tunnel (Includes Skids, Spacers And All Materials), Add	*21.08*	
		For <100, Add	*27.29*	
		For >1,000, Deduct	*-16.14*	
33 14 13 36-0022	LF	20" Diameter, 5/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	335.51	70.27
		For Installation In Tunnel (Includes Skids, Spacers And All Materials), Add	*21.39*	
		For <100, Add	*27.92*	
		For >1,000, Deduct	*-16.78*	
33 14 13 36-0023	LF	20" Diameter, 3/8" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	350.07	70.27
		For Installation In Tunnel (Includes Skids, Spacers And All Materials), Add	*21.76*	
		For <100, Add	*28.65*	
		For >1,000, Deduct	*-17.50*	
33 14 13 36-0024	LF	24" Diameter, 5/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	405.74	81.07
		For Installation In Tunnel (Includes Skids, Spacers And All Materials), Add	*25.01*	
		For <100, Add	*33.03*	
		For >1,000, Deduct	*-20.29*	
33 14 13 36-0025	LF	24" Diameter, 3/8" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	450.79	81.07
		For Installation In Tunnel (Includes Skids, Spacers And All Materials), Add	*26.13*	
		For <100, Add	*35.28*	
		For >1,000, Deduct	*-22.54*	
33 14 13 36-0026	LF	24" Diameter, 7/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	561.36	81.07
		For Installation In Tunnel (Includes Skids, Spacers And All Materials), Add	*28.90*	
		For <100, Add	*40.81*	
		For >1,000, Deduct	*-28.07*	
33 14 13 36-0027	LF	30" Diameter, 5/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	504.07	94.59
		For Installation In Tunnel (Includes Skids, Spacers And All Materials), Add	*29.94*	
		For <100, Add	*40.07*	
		For >1,000, Deduct	*-25.20*	
33 14 13 36-0028	LF	30" Diameter, 3/8" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	522.50	94.59
		For Installation In Tunnel (Includes Skids, Spacers And All Materials), Add	*30.40*	
		For <100, Add	*40.99*	
		For >1,000, Deduct	*-26.13*	
33 14 13 36-0029	LF	30" Diameter, 7/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	696.32	94.59
		For Installation In Tunnel (Includes Skids, Spacers And All Materials), Add	*34.75*	
		For <100, Add	*49.68*	
		For >1,000, Deduct	*-34.82*	
33 14 13 36-0030	LF	36" Diameter, 5/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	599.63	94.59
		For Installation In Tunnel (Includes Skids, Spacers And All Materials), Add	*32.33*	
		For <100, Add	*44.85*	
		For >1,000, Deduct	*-29.98*	
33 14 13 36-0031	LF	36" Diameter, 3/8" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	703.17	113.50
		For Installation In Tunnel (Includes Skids, Spacers And All Materials), Add	*38.39*	
		For <100, Add	*53.00*	
		For >1,000, Deduct	*-35.16*	
33 14 13 36-0032	LF	36" Diameter, 7/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	837.98	113.50
		For Installation In Tunnel (Includes Skids, Spacers And All Materials), Add	*41.76*	
		For <100, Add	*59.74*	
		For >1,000, Deduct	*-41.90*	
33 14 13 36-0033	LF	36" Diameter, 1/2" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	804.31	113.50
		For Installation In Tunnel (Includes Skids, Spacers And All Materials), Add	*40.92*	
		For <100, Add	*58.05*	
		For >1,000, Deduct	*-40.22*	
33 14 13 36-0034		Flexible Couplings (Dresser Style 38) *(33 14 13 36-0001)*		
33 14 13 36-0035	EA	2" Dresser Coupling For Plain End Welded Steel Pipe	114.14	27.54
33 14 13 36-0036	EA	3" Dresser Coupling For Plain End Welded Steel Pipe	169.81	52.98
33 14 13 36-0037	EA	4" Dresser Coupling For Plain End Welded Steel Pipe	226.00	69.93
33 14 13 36-0038	EA	6" Dresser Coupling For Plain End Welded Steel Pipe	359.59	105.95
33 14 13 36-0039	EA	8" Dresser Coupling For Plain End Welded Steel Pipe	469.95	133.50
33 14 13 36-0040	EA	10" Dresser Coupling For Plain End Welded Steel Pipe	672.95	176.73
33 14 13 36-0041	EA	12" Dresser Coupling For Plain End Welded Steel Pipe	802.51	221.50
33 14 13 36-0042	EA	14" Dresser Coupling For Plain End Welded Steel Pipe	863.26	221.50
33 14 13 36-0043	EA	16" Dresser Coupling For Plain End Welded Steel Pipe	913.29	253.32
33 14 13 36-0044	EA	18" Dresser Coupling For Plain End Welded Steel Pipe	998.89	270.99
33 14 13 36-0045	EA	20" Dresser Coupling For Plain End Welded Steel Pipe	1,089.20	306.34
33 14 13 36-0046	EA	24" Dresser Coupling For Plain End Welded Steel Pipe	1,358.58	324.01
33 14 13 36-0047	EA	30" Dresser Coupling For Plain End Welded Steel Pipe	1,617.16	353.47
33 14 13 36-0048	EA	36" Dresser Coupling For Plain End Welded Steel Pipe	1,890.81	397.65

33 14 13 39 Copper Public Water Utility Distribution Piping *(33 14 13)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 39-0001		**Type L Copper Water Distribution Piping** *(33 14 13 39)*		
33 14 13 39-0002	LF	1/2" Type L Copper Water Distribution Pipe	7.92	2.10
33 14 13 39-0003	LF	3/4" Type L Copper Water Distribution Pipe	10.04	2.36
33 14 13 39-0004	LF	1" Type L Copper Water Distribution Pipe	13.31	2.62
33 14 13 39-0005	LF	1-1/4" Type L Copper Water Distribution Pipe	16.68	3.14
33 14 13 39-0006	LF	1-1/2" Type L Copper Water Distribution Pipe	20.60	4.19
33 14 13 39-0007	LF	2" Type L Copper Water Distribution Pipe	30.16	5.23
33 14 13 39-0008	LF	2-1/2" Type L Copper Water Distribution Pipe	38.03	6.29
33 14 13 39-0009	LF	3" Type L Copper Water Distribution Pipe	47.84	6.91
33 14 13 39-0010	LF	3-1/2" Type L Copper Water Distribution Pipe	64.25	8.70
33 14 13 39-0011	LF	4" Type L Copper Water Distribution Pipe	84.92	10.99
33 14 13 39-0012	LF	5" Type L Copper Water Distribution Pipe	137.36	13.72
33 14 13 39-0013	LF	6" Type L Copper Water Distribution Pipe	177.61	16.55
33 14 13 39-0014	LF	8" Type L Copper Water Distribution Pipe	307.41	18.53
33 14 13 39-0015		**Type K Copper Water Distribution Piping** *(33 14 13 39)*		
33 14 13 39-0016	LF	1/2" Type K Copper Water Distribution Pipe	8.46	2.10
33 14 13 39-0017	LF	3/4" Type K Copper Water Distribution Pipe	11.92	2.36
33 14 13 39-0018	LF	1" Type K Copper Water Distribution Pipe	15.18	2.62
33 14 13 39-0019	LF	1-1/4" Type K Copper Water Distribution Pipe	17.84	3.14
33 14 13 39-0020	LF	1-1/2" Type K Copper Water Distribution Pipe	22.31	4.19
33 14 13 39-0021	LF	2" Type K Copper Water Distribution Pipe	32.46	5.23
33 14 13 39-0022	LF	2-1/2" Type K Copper Water Distribution Pipe	44.42	6.29
33 14 13 39-0023	LF	3" Type K Copper Water Distribution Pipe	57.42	6.91
33 14 13 39-0024	LF	3-1/2" Type K Copper Water Distribution Pipe	75.50	8.70
33 14 13 39-0025	LF	4" Type K Copper Water Distribution Pipe	101.99	10.99
33 14 13 39-0026	LF	5" Type K Copper Water Distribution Pipe	172.70	13.72
33 14 13 39-0027	LF	6" Type K Copper Water Distribution Pipe	241.16	16.55
33 14 13 39-0028	LF	8" Type K Copper Water Distribution Pipe	424.68	18.53
33 14 13 39-0029		**Water Distribution Related Items** *(33 14 13 39)*		
		Note: The following City of Chicago, Department of Transportation standard site work tasks are all-inclusive, assembly work tasks and shall be used in lieu of individual component tasks. Refer to the appropriate specifications contained in Book 4 for a complete definition of what is included in these work tasks.		
33 14 13 39-0030	EA	Water Tap, 1 1/2"	7,712.23	
33 14 13 39-0031	EA	Water Tap, 2"	8,387.81	
33 14 13 39-0032	EA	Water Tap, 3"	9,466.11	
33 14 13 39-0033	EA	Backflow Preventer (RPZ) 1 1/2"	7,223.28	
33 14 13 39-0034	EA	Backflow Preventer (RPZ) 2"	8,147.57	
33 14 13 39-0035	EA	Backflow Preventer (RPZ) 3"	10,617.42	
33 14 13 39-0036	EA	Water Meter In Vault, 1 1/2"	1,597.67	
33 14 13 39-0037	EA	Water Meter In Vault, 2"	2,256.51	
33 14 13 39-0038	EA	Water Meter In Vault, 3"	2,775.92	
33 14 13 39-0039	EA	Water Valve Assembly, 1 1/2"	2,663.16	
33 14 13 39-0040	EA	Water Valve Assembly, 2"	3,012.93	
33 14 13 39-0041	EA	Water Valve Assembly, 3"	6,137.76	
33 14 13 39-0042	LF	Water Service Line, 1" (Connection To Water Supply Pipe), (0 > 100)	52.58	
33 14 13 39-0043	LF	Water Service Line, 1" (Connection To Water Supply Pipe), (100 > 500)	47.19	
33 14 13 39-0044	LF	Water Service Line, 1" (Connection To Water Supply Pipe), (500 > 1000)	41.80	
33 14 13 39-0045	LF	Water Service Line, 1" (Connection To Water Supply Pipe), (1000 >)	38.56	
33 14 13 39-0046	LF	Water Service Line, 1 1/2" (Connection To Water Supply Pipe), (0 > 100)	64.15	
33 14 13 39-0047	LF	Water Service Line, 1 1/2" (Connection To Water Supply Pipe), (100 > 500)	60.27	
33 14 13 39-0048	LF	Water Service Line, 1 1/2" (Connection To Water Supply Pipe), (500 > 1000)	57.36	
33 14 13 39-0049	LF	Water Service Line, 1 1/2" (Connection To Water Supply Pipe), (1000 >)	54.44	
33 14 13 39-0050	LF	Water Service Line, 2" (Connection To Water Supply Pipe), (0 > 100)	91.94	
33 14 13 39-0051	LF	Water Service Line, 2" (Connection To Water Supply Pipe), (100 > 500)	86.60	
33 14 13 39-0052	LF	Water Service Line, 2" (Connection To Water Supply Pipe), (500 > 1000)	80.83	
33 14 13 39-0053	LF	Water Service Line, 2" (Connection To Water Supply Pipe), (1000 >)	78.49	
33 14 13 39-0054	LF	Water Service Line, 2-1/2" (Connection To Water Supply Pipe), (0 > 100)	102.41	
33 14 13 39-0055	LF	Water Service Line, 2-1/2" (Connection To Water Supply Pipe), (100 > 500)	96.46	
33 14 13 39-0056	LF	Water Service Line, 2-1/2" (Connection To Water Supply Pipe), (500 > 1000)	90.13	
33 14 13 39-0057	LF	Water Service Line, 2-1/2" (Connection To Water Supply Pipe), (1000 >)	87.54	
33 14 13 39-0058	LF	Water Service Line, 3" (Connection To Water Supply Pipe), (0 > 100)	110.98	
33 14 13 39-0059	LF	Water Service Line, 3" (Connection To Water Supply Pipe), (100 > 500)	104.38	
33 14 13 39-0060	LF	Water Service Line, 3" (Connection To Water Supply Pipe), (500 > 1000)	97.78	
33 14 13 39-0061	LF	Water Service Line, 3" (Connection To Water Supply Pipe), (1000 >)	95.09	
33 14 13 43		**Public Water Utility Distribution Piping Coatings and Wraps** *(33 14 13)*		
33 14 13 43-0001		Pipe Coatings *(33 14 13 43)*		
33 14 13 43-0002		Epoxy Wrap And Pipe Coating *(33 14 13 43-0001)*		
		Note: Applied at fabrication shop.		
33 14 13 43-0003	LF	12" Outside Diameter Of Pipe, Epoxy Wrap And Pipe Coating	3.63	
33 14 13 43-0004	LF	14" Outside Diameter Of Pipe, Epoxy Wrap And Pipe Coating	4.82	
33 14 13 43-0005	LF	16" Outside Diameter Of Pipe, Epoxy Wrap And Pipe Coating	5.50	
33 14 13 43-0006	LF	18" Outside Diameter Of Pipe, Epoxy Wrap And Pipe Coating	5.78	
33 14 13 43-0007	LF	20" Outside Diameter Of Pipe, Epoxy Wrap And Pipe Coating	6.23	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 43-0008	LF	24" Outside Diameter Of Pipe, Epoxy Wrap And Pipe Coating	7.26	
33 14 13 43-0009	LF	30" Outside Diameter Of Pipe, Epoxy Wrap And Pipe Coating	9.53	
33 14 13 43-0010	LF	36" Outside Diameter Of Pipe, Epoxy Wrap And Pipe Coating	15.05	

33 14 13 43-0011 Cement Coating With Fiberglass Or Wire Mesh Reinforcing *(33 14 13 43-0001)*

Note: Applied at fabrication shop. Thickness ranging between 1" and 2".

33 14 13 43-0012	LF	4" Diameter Cement Coated Pipe 1" To 2" Mesh Note: Reinforcing applied at fabrication shop.	9.81	
33 14 13 43-0013	LF	6" Diameter Cement Coated Pipe 1" To 2" Mesh Note: Reinforcing applied at fabrication shop.	12.07	
33 14 13 43-0014	LF	8" Diameter Cement Coated Pipe 1" To 2" Mesh Note: Reinforcing applied at fabrication shop.	15.09	
33 14 13 43-0015	LF	10" Diameter Cement Coated Pipe 1" To 2" Mesh Note: Reinforcing applied at fabrication shop.	16.81	
33 14 13 43-0016	LF	12" Diameter Cement Coated Pipe 1" To 2" Mesh Note: Reinforcing applied at fabrication shop.	18.99	
33 14 13 43-0017	LF	14" Diameter Cement Coated Pipe 1" To 2" Mesh Note: Reinforcing applied at fabrication shop.	22.22	
33 14 13 43-0018	LF	16" Diameter Cement Coated Pipe 1" To 2" Mesh Note: Reinforcing applied at fabrication shop.	25.25	
33 14 13 43-0019	LF	18" Diameter Cement Coated Pipe 1" To 2" Mesh Note: Reinforcing applied at fabrication shop.	28.48	
33 14 13 43-0020	LF	20" Diameter Cement Coated Pipe 1" To 2" Mesh Note: Reinforcing applied at fabrication shop.	31.66	
33 14 13 43-0021	LF	24" Diameter Cement Coated Pipe 1" To 2" Mesh Note: Reinforcing applied at fabrication shop.	37.98	
33 14 13 43-0022	LF	30" Diameter Cement Coated Pipe 1" To 2" Mesh Note: Reinforcing applied at fabrication shop.	47.47	
33 14 13 43-0023	LF	36" Diameter Cement Coated Pipe 1" To 2" Mesh Note: Reinforcing applied at fabrication shop.	56.96	
33 14 13 43-0024	LF	42" Diameter Cement Coated Pipe 1" To 2" Mesh Note: Reinforcing applied at fabrication shop.	66.46	
33 14 13 43-0025	LF	48" Diameter Cement Coated Pipe 1" To 2" Mesh Note: Reinforcing applied at fabrication shop.	75.95	
33 14 13 43-0026	LF	54" Diameter Cement Coated Pipe 1" To 2" Mesh Note: Reinforcing applied at fabrication shop.	85.44	
33 14 13 43-0027	LF	60" Diameter Cement Coated Pipe 1" To 2" Mesh Note: Reinforcing applied at fabrication shop.	94.94	
33 14 13 43-0028	LF	66" Diameter Cement Coated Pipe 1" To 2" Mesh Note: Reinforcing applied at fabrication shop.	104.43	
33 14 13 43-0029	LF	72" Diameter Cement Coated Pipe 1" To 2" Mesh Note: Reinforcing applied at fabrication shop.	113.93	
33 14 13 43-0030	LF	78" Diameter Cement Coated Pipe 1" To 2" Mesh Note: Reinforcing applied at fabrication shop.	123.42	
33 14 13 43-0031	LF	84" Diameter Cement Coated Pipe 1" To 2" Mesh Note: Reinforcing applied at fabrication shop.	132.91	
33 14 13 43-0032	LF	90" Diameter Cement Coated Pipe 1" To 2" Mesh Note: Reinforcing applied at fabrication shop.	142.41	
33 14 13 43-0033	LF	96" Diameter Cement Coated Pipe 1" To 2" Mesh Note: Reinforcing applied at fabrication shop.	151.90	
33 14 13 43-0034	LF	102" Diameter Cement Coated Pipe 1" To 2" Mesh Note: Reinforcing applied at fabrication shop.	161.39	
33 14 13 43-0035	LF	108" Diameter Cement Coated Pipe 1" To 2" Mesh Note: Reinforcing applied at fabrication shop.	170.89	
33 14 13 43-0036	LF	114" Diameter Cement Coated Pipe 1" To 2" Mesh Note: Reinforcing applied at fabrication shop.	180.38	
33 14 13 43-0037	LF	120" Diameter Cement Coated Pipe 1" To 2" Mesh Note: Reinforcing applied at fabrication shop.	189.88	
33 14 13 43-0038	LF	126" Diameter Cement Coated Pipe 1" To 2" Mesh Note: Reinforcing applied at fabrication shop.	199.37	
33 14 13 43-0039	LF	132" Diameter Cement Coated Pipe 1" To 2" Mesh Note: Reinforcing applied at fabrication shop.	208.86	
33 14 13 43-0040	LF	138" Diameter Cement Coated Pipe 1" To 2" Mesh Note: Reinforcing applied at fabrication shop.	218.36	
33 14 13 43-0041	LF	144" Diameter Cement Coated Pipe 1" To 2" Mesh Note: Reinforcing applied at fabrication shop.	227.85	

33 14 13 43-0042 Epoxy Wrap And Fitting Coating *(33 14 13 43-0001)*

Note: Applied at fabrication shop.

33 14 13 43-0043	EA	4" Outside Diameter, Epoxy Wrap And Fitting Coating	11.48	
		For 1/2" Thick, Add	*0.39*	
33 14 13 43-0044	EA	6" Outside Diameter, Epoxy Wrap And Fitting Coating	14.51	
		For 1/2" Thick, Add	*0.52*	
33 14 13 43-0045	EA	8" Outside Diameter, Epoxy Wrap And Fitting Coating	21.24	
		For 1/2" Thick, Add	*0.67*	
33 14 13 43-0046	EA	10" Outside Diameter, Epoxy Wrap And Fitting Coating	35.92	
		For 1/2" Thick, Add	*0.98*	
33 14 13 43-0047	EA	12" Outside Diameter, Epoxy Wrap And Fitting Coating	54.96	
		For 1/2" Thick, Add	*1.45*	
33 14 13 43-0048	EA	14" Outside Diameter, Epoxy Wrap And Fitting Coating	86.22	
		For 1/2" Thick, Add	*2.22*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 43-0049	EA	16" Outside Diameter, Epoxy Wrap And Fitting Coating	133.55	
		For 1/2" Thick, Add	*2.86*	
33 14 13 43-0050	EA	18" Outside Diameter, Epoxy Wrap And Fitting Coating	181.92	
		For 1/2" Thick, Add	*2.95*	
33 14 13 43-0051	EA	20" Outside Diameter, Epoxy Wrap And Fitting Coating	249.22	
		For 1/2" Thick, Add	*3.53*	
33 14 13 43-0052	EA	24" Outside Diameter, Epoxy Wrap And Fitting Coating	362.93	
		For 1/2" Thick, Add	*4.94*	

33 14 13 43-0053 Cement Pipe Lining *(33 14 13 43)*

33 14 13 43-0054 Cement Pipe Lining *(33 14 13 43-0053)*

Note: Shop applied.

33 14 13 43-0055	LF	4" Outside Diameter, 1/4" Thick Cement Pipe Lining	16.08	
		For 1/2" Thick, Add	*1.31*	
33 14 13 43-0056	LF	6" Outside Diameter, 1/4" Thick Cement Pipe Lining	19.98	
		For 1/2" Thick, Add	*1.61*	
33 14 13 43-0057	LF	8" Outside Diameter, 1/4" Thick Cement Pipe Lining	24.37	
		For 1/2" Thick, Add	*2.01*	
33 14 13 43-0058	LF	10" Outside Diameter, 1/4" Thick Cement Pipe Lining	31.66	
		For 1/2" Thick, Add	*2.52*	
33 14 13 43-0059	LF	12" Outside Diameter, 1/4" Thick Cement Pipe Lining	38.98	
		For 1/2" Thick, Add	*3.03*	
33 14 13 43-0060	LF	14" Outside Diameter, 1/4" Thick Cement Pipe Lining	49.91	
		For 1/2" Thick, Add	*3.54*	
33 14 13 43-0061	LF	16" Outside Diameter, 1/4" Thick Cement Pipe Lining	64.83	
		For 1/2" Thick, Add	*4.02*	
33 14 13 43-0062	LF	18" Outside Diameter, 5/16" Thick Cement Pipe Lining	77.55	
		For 1/2" Thick, Add	*3.86*	
33 14 13 43-0063	LF	20" Outside Diameter, 5/16" Thick Cement Pipe Lining	93.79	
		For 1/2" Thick, Add	*4.29*	
33 14 13 43-0064	LF	24" Outside Diameter, 5/16" Thick Cement Pipe Lining	113.74	
		For 1/2" Thick, Add	*5.14*	
33 14 13 43-0065	LF	30" Outside Diameter, 5/16" Thick Cement Pipe Lining	136.80	
		For 1/2" Thick, Add	*6.43*	
33 14 13 43-0066	LF	36" Outside Diameter, 5/16" Thick Cement Pipe Lining	164.63	
		For 1/2" Thick, Add	*7.71*	
33 14 13 43-0067	LF	42" Outside Diameter, 3/8" Thick Cement Pipe Lining	192.11	
		For 1/2" Thick, Add	*6.62*	
33 14 13 43-0068	LF	48" Outside Diameter, 3/8" Thick Cement Pipe Lining	219.47	
		For 1/2" Thick, Add	*7.56*	
33 14 13 43-0069	LF	54" Outside Diameter, 3/8" Thick Cement Pipe Lining	246.95	
		For 1/2" Thick, Add	*8.51*	
33 14 13 43-0070	LF	60" Outside Diameter, 3/8" Thick Cement Pipe Lining	274.43	
		For 1/2" Thick, Add	*9.46*	
33 14 13 43-0071	LF	66" Outside Diameter, 7/16" Thick Cement Pipe Lining	301.78	
		For 1/2" Thick, Add	*5.55*	
33 14 13 43-0072	LF	72" Outside Diameter, 7/16" Thick Cement Pipe Lining	329.27	
		For 1/2" Thick, Add	*6.05*	
33 14 13 43-0073	LF	78" Outside Diameter, 7/16" Thick Cement Pipe Lining	356.74	
		For 1/2" Thick, Add	*6.56*	
33 14 13 43-0074	LF	84" Outside Diameter, 7/16" Thick Cement Pipe Lining	384.10	
		For 1/2" Thick, Add	*7.06*	
33 14 13 43-0075	LF	90" Outside Diameter, 7/16" Thick Cement Pipe Lining	411.58	
		For 1/2" Thick, Add	*7.56*	
33 14 13 43-0076	LF	96" Outside Diameter, 1/2" Thick Cement Pipe Lining	439.06	
33 14 13 43-0077	LF	102" Outside Diameter, 1/2" Thick Cement Pipe Lining	466.42	
33 14 13 43-0078	LF	108" Outside Diameter, 1/2" Thick Cement Pipe Lining	493.90	
33 14 13 43-0079	LF	114" Outside Diameter, 1/2" Thick Cement Pipe Lining	521.37	
33 14 13 43-0080	LF	120" Outside Diameter, 1/2" Thick Cement Pipe Lining	548.74	
33 14 13 43-0081	LF	126" Outside Diameter, 1/2" Thick Cement Pipe Lining	576.21	
33 14 13 43-0082	LF	132" Outside Diameter, 1/2" Thick Cement Pipe Lining	603.69	
33 14 13 43-0083	LF	138" Outside Diameter, 1/2" Thick Cement Pipe Lining	631.06	
33 14 13 43-0084	LF	144" Outside Diameter, 1/2" Thick Cement Pipe Lining	658.52	

33 14 13 43-0085 Cement Fitting Lining *(33 14 13 43-0053)*

Note: Shop applied.

33 14 13 43-0086	EA	4" Outside Diameter, 1/4" Thick Cement Fitting Lining	17.09	
		For 1/2" Thick, Add	*1.51*	
33 14 13 43-0087	EA	6" Outside Diameter, 1/4" Thick Cement Fitting Lining	21.99	
		For 1/2" Thick, Add	*2.01*	
33 14 13 43-0088	EA	8" Outside Diameter, 1/4" Thick Cement Fitting Lining	30.96	
		For 1/2" Thick, Add	*2.62*	
33 14 13 43-0089	EA	10" Outside Diameter, 1/4" Thick Cement Fitting Lining	51.12	
		For 1/2" Thick, Add	*4.02*	
33 14 13 43-0090	EA	12" Outside Diameter, 1/4" Thick Cement Fitting Lining	77.96	
		For 1/2" Thick, Add	*6.05*	
33 14 13 43-0091	EA	14" Outside Diameter, 1/4" Thick Cement Fitting Lining	115.85	
		For 1/2" Thick, Add	*8.14*	
33 14 13 43-0092	EA	16" Outside Diameter, 1/4" Thick Cement Fitting Lining	171.55	
		For 1/2" Thick, Add	*10.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 43-0093	EA	18" Outside Diameter, 5/16" Thick Cement Fittings Lining	232.65	
		For 1/2" Thick, Add	*11.57*	
33 14 13 43-0094	EA	20" Outside Diameter, 5/16" Thick Cement Fitting Lining	312.47	
		For 1/2" Thick, Add	*14.28*	
33 14 13 43-0095	EA	24" Outside Diameter, 5/16" Thick Cement Fitting Lining	454.92	
		For 1/2" Thick, Add	*20.57*	

33 14 13 43-0096 8 Mil Polyethylene Encasement Tubing *(33 14 13 43)*

Note: ANSI/AWWA C105/A21.5-99 section 4.2.

33 14 13 43-0097	LF	3" To 8" Diameter, 8 Mil Polyethylene Encasement Tubing	1.70	
33 14 13 43-0098	LF	10" To 12" Diameter, 8 Mil Polyethylene Encasement Tubing	2.75	
33 14 13 43-0099	LF	14" To 16" Diameter, 8 Mil Polyethylene Encasement Tubing	3.31	
33 14 13 43-0100	LF	18" To 20" Diameter, 8 Mil Polyethylene Encasement Tubing	4.15	
33 14 13 43-0101	LF	24" Diameter, 8 Mil Polyethylene Encasement Tubing	5.66	
33 14 13 43-0102	LF	30" Diameter, 8 Mil Polyethylene Encasement Tubing	7.24	
33 14 13 43-0103	LF	36" To 42" Diameter, 8 Mil Polyethylene Encasement Tubing	9.24	
33 14 13 43-0104	LF	48" Diameter, 8 Mil Polyethylene Encasement Tubing	11.00	
33 14 13 43-0105	LF	54" Diameter, 8 Mil Polyethylene Encasement Tubing	12.99	
33 14 13 43-0106	LF	60" Diameter, 8 Mil Polyethylene Encasement Tubing	13.96	

33 14 13 53 Public Water Utility Distribution Piping Saddles And Adapters *(33 14 13)*

33 14 13 53-0001 Double Stud Stainless Steel Service Saddles *(33 14 13 53)*

Note: 1/2" listed taps are compression, 3/4" to 2" are either compression or NPT.

33 14 13 53-0002	EA	4" Diameter x 1/2", 3/4" Or 1" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372)	267.81	
33 14 13 53-0003	EA	4" Diameter x 1-1/4" Or 1-1/2" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372)	373.30	
33 14 13 53-0004	EA	4" Diameter x 2" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372)	385.93	
33 14 13 53-0005	EA	6" Diameter x 1/2", 3/4" Or 1" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372)	319.58	
33 14 13 53-0006	EA	6" Diameter x 1-1/4", 1-1/2" Or 2" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372)	400.59	
33 14 13 53-0007	EA	8" Diameter x 1/2", 3/4" Or 1" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372)	334.14	
33 14 13 53-0008	EA	8" Diameter x 1-1/4", 1-1/2" Or 2" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372)	419.62	
33 14 13 53-0009	EA	10" Diameter x 1/2", 3/4" Or 1" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372)	375.63	
33 14 13 53-0010	EA	10" Diameter x 1-1/4", 1-1/2" Or 2" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372)	442.08	
33 14 13 53-0011	EA	12" Diameter x 1/2", 3/4" Or 1" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372)	391.90	
33 14 13 53-0012	EA	12" Diameter x 1-1/4", 1-1/2" Or 2" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372)	453.43	

33 14 13 53-0013 Double Bale Epoxy Coated Ductile Iron Body Service Saddles *(33 14 13 53)*

Note: Electro-galvanized steel bales. 5/8" listed taps are compression. 3/4" to 2" are either compression or NPT. 2-1/2", 3" or 4" are NPT.

33 14 13 53-0014	EA	1-1/4" To 1-1/2" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	226.20	
33 14 13 53-0015	EA	2" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	226.35	
33 14 13 53-0016	EA	2" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	240.84	
33 14 13 53-0017	EA	2-1/2" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	229.96	
33 14 13 53-0018	EA	3" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	246.00	
33 14 13 53-0019	EA	3" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	271.62	
33 14 13 53-0020	EA	3" Diameter x 2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	288.83	
33 14 13 53-0021	EA	4" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	264.52	
33 14 13 53-0022	EA	4" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	290.36	
33 14 13 53-0023	EA	4" Diameter x 2" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	305.17	
33 14 13 53-0024	EA	5" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	279.15	
33 14 13 53-0025	EA	5" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	305.79	
33 14 13 53-0026	EA	5" Diameter x 2" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	320.51	
33 14 13 53-0027	EA	6" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	294.26	
33 14 13 53-0028	EA	6" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	320.13	
33 14 13 53-0029	EA	6" Diameter x 2" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	334.69	
33 14 13 53-0030	EA	6" Diameter x 3" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	483.46	
33 14 13 53-0031	EA	6" Diameter x 4" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	496.10	
33 14 13 53-0032	EA	8" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	318.21	
33 14 13 53-0033	EA	8" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	349.34	
33 14 13 53-0034	EA	8" Diameter x 2" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	362.89	
33 14 13 53-0035	EA	8" Diameter x 3" To 4" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	570.83	
33 14 13 53-0036	EA	10" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	355.22	
33 14 13 53-0037	EA	10" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	392.40	
33 14 13 53-0038	EA	10" Diameter x 3" To 4" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	636.05	
33 14 13 53-0039	EA	12" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	385.79	
33 14 13 53-0040	EA	12" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	425.08	
33 14 13 53-0041	EA	12" Diameter x 2" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	440.42	
33 14 13 53-0042	EA	12" Diameter x 3" To 4" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	708.42	
33 14 13 53-0043	EA	14" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	448.21	
33 14 13 53-0044	EA	14" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	479.14	
33 14 13 53-0045	EA	14" Diameter x 2" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	515.27	
33 14 13 53-0046	EA	14" Diameter x 3" To 4" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	866.84	
33 14 13 53-0047	EA	15" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	460.83	
33 14 13 53-0048	EA	15" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	522.89	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 53-0049	EA	15" Diameter x 2" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	544.62	
33 14 13 53-0050	EA	15" Diameter x 3" To 4" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	930.87	
33 14 13 53-0051	EA	16" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	481.46	
33 14 13 53-0052	EA	16" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	545.76	
33 14 13 53-0053	EA	16" Diameter x 2" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	568.05	
33 14 13 53-0054	EA	16" Diameter x 3" To 4" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	968.57	
33 14 13 53-0055	EA	18" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	531.61	
33 14 13 53-0056	EA	18" Diameter x 1-1/4" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	613.07	
33 14 13 53-0057	EA	20" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	603.80	
33 14 13 53-0058	EA	20" Diameter x 1-1/4" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	667.69	
33 14 13 53-0059	EA	24" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	630.45	
33 14 13 53-0060	EA	24" Diameter x 1-1/4" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	710.46	

33 14 13 53-0061 Double Bale Bronze Service Saddles *(33 14 13 53)*

33 14 13 53-0062	EA	4" Diameter x 3/4" To 1" Tap Double Bale Bronze Service Saddle (Mueller BR2B)	310.07	
33 14 13 53-0063	EA	4" Diameter x 1-1/4" To 2" Tap Double Bale Bronze Service Saddle (Mueller BR2B)	338.56	
33 14 13 53-0064	EA	6" Diameter x 3/4" To 1" Tap Double Bale Bronze Service Saddle (Mueller BR2B)	352.28	
33 14 13 53-0065	EA	6" Diameter x 1-1/4" To 2" Tap Double Bale Bronze Service Saddle (Mueller BR2B)	381.01	
33 14 13 53-0066	EA	8" Diameter x 3/4" To 1" Tap Double Bale Bronze Service Saddle (Mueller BR2B)	391.62	
33 14 13 53-0067	EA	8" Diameter x 1-1/4" To 2" Tap Double Bale Bronze Service Saddle (Mueller BR2B)	411.58	
33 14 13 53-0068	EA	10" Diameter x 3/4" To 1" Tap Double Bale Bronze Service Saddle (Mueller BR2B)	380.85	
33 14 13 53-0069	EA	10" Diameter x 1-1/4" To 2" Tap Double Bale Bronze Service Saddle (Mueller BR2B)	404.81	
33 14 13 53-0070	EA	12" Diameter x 3/4" To 1" Tap Double Bale Bronze Service Saddle (Mueller BR2B)	479.47	
33 14 13 53-0071	EA	12" Diameter x 1-1/4" To 2" Tap Double Bale Bronze Service Saddle (Mueller BR2B)	517.88	
33 14 13 53-0072	EA	14" Diameter x 3/4" To 1" Tap Double Bale Bronze Service Saddle (Mueller BR2B)	713.21	
33 14 13 53-0073	EA	14" Diameter x 1-1/4" To 2" Tap Double Bale Bronze Service Saddle (Mueller BR2B)	804.09	
33 14 13 53-0074	EA	16" Diameter x 3/4" To 1" Tap Double Bale Bronze Service Saddle (Mueller BR2B)	828.04	
33 14 13 53-0075	EA	16" Diameter x 1-1/4" To 2" Tap Double Bale Bronze Service Saddle (Mueller BR2B)	922.73	

33 14 13 53-0076 Stainless Steel Double Straps, Bronze Body Service Saddle *(33 14 13 53)*

Note: Taps are compression or NPT.

33 14 13 53-0077	EA	4" Diameter x 3/4" To 1" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	325.14	
33 14 13 53-0078	EA	4" Diameter x 1-1/4" To 2" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	357.58	
33 14 13 53-0079	EA	6" Diameter x 3/4" To 1" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	370.08	
33 14 13 53-0080	EA	6" Diameter x 1-1/4" To 2" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	401.34	
33 14 13 53-0081	EA	8" Diameter x 3/4" To 1" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	413.62	
33 14 13 53-0082	EA	8" Diameter x 1-1/4" To 2" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	434.76	
33 14 13 53-0083	EA	10" Diameter x 3/4" To 1" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	464.72	
33 14 13 53-0084	EA	10" Diameter x 1-1/4" To 2" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	496.96	
33 14 13 53-0085	EA	12" Diameter x 3/4" To 1" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	499.63	
33 14 13 53-0086	EA	12" Diameter x 1-1/4" To 2" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	540.64	
33 14 13 53-0087	EA	14" Diameter x 3/4" To 1" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	763.17	
33 14 13 53-0088	EA	14" Diameter x 1-1/4" To 2" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	874.74	
33 14 13 53-0089	EA	16" Diameter x 3/4" To 1" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	887.32	
33 14 13 53-0090	EA	16" Diameter x 1-1/4" To 2" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	965.75	
33 14 13 53-0091	EA	18" Diameter x 3/4" To 1" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	1,872.34	
33 14 13 53-0092	EA	18" Diameter x 1-1/4" To 2" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	1,872.34	
33 14 13 53-0093	EA	20" Diameter x 3/4" To 1" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	1,942.87	
33 14 13 53-0094	EA	20" Diameter x 1-1/4" To 2" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	1,942.87	
33 14 13 53-0095	EA	24" Diameter x 3/4" To 1" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	2,085.57	
33 14 13 53-0096	EA	24" Diameter x 1-1/4" To 2" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	2,085.57	

33 14 13 53-0097 Carbon Steel Epoxy Coated Flange, Stainless Steel Tapping Sleeve *(33 14 13 53)*

33 14 13 53-0098	EA	4" Diameter x 4" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	1,181.21	
33 14 13 53-0099	EA	6" Diameter x 4" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	1,257.32	
33 14 13 53-0100	EA	6" Diameter x 6" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	1,373.39	
33 14 13 53-0101	EA	8" Diameter x 4" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	1,415.47	
33 14 13 53-0102	EA	8" Diameter x 6" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	1,474.01	
33 14 13 53-0103	EA	8" Diameter x 8" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	1,689.64	
33 14 13 53-0104	EA	10" Diameter x 4" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	1,546.28	
33 14 13 53-0105	EA	10" Diameter x 6" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	1,603.33	
33 14 13 53-0106	EA	10" Diameter x 8" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	1,793.03	
33 14 13 53-0107	EA	10" Diameter x 10" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	2,464.01	
33 14 13 53-0108	EA	12" Diameter x 4" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	1,740.44	
33 14 13 53-0109	EA	12" Diameter x 6" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	1,823.48	
33 14 13 53-0110	EA	12" Diameter x 8" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	2,010.18	
33 14 13 53-0111	EA	12" Diameter x 10" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	2,611.41	
33 14 13 53-0112	EA	12" Diameter x 12" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	2,845.16	
33 14 13 53-0113	EA	14" Diameter x 4" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	2,281.46	
33 14 13 53-0114	EA	14" Diameter x 6" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	2,350.38	
33 14 13 53-0115	EA	14" Diameter x 8" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	2,749.50	
33 14 13 53-0116	EA	14" Diameter x 10" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	3,244.01	
33 14 13 53-0117	EA	14" Diameter x 12" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	3,566.03	
33 14 13 53-0118	EA	16" Diameter x 4" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	2,706.89	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 53-0119	EA	16" Diameter x 6" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	2,778.00	
33 14 13 53-0120	EA	16" Diameter x 8" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	3,042.66	
33 14 13 53-0121	EA	16" Diameter x 10" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	3,749.37	
33 14 13 53-0122	EA	16" Diameter x 12" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	3,917.40	
33 14 13 53-0123	EA	18" Diameter x 4" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	2,874.95	
33 14 13 53-0124	EA	18" Diameter x 6" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	3,002.69	
33 14 13 53-0125	EA	18" Diameter x 8" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	3,179.64	
33 14 13 53-0126	EA	18" Diameter x 10" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	4,010.99	
33 14 13 53-0127	EA	18" Diameter x 12" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	4,178.84	
33 14 13 53-0128	EA	20" Diameter x 4" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	3,465.71	
33 14 13 53-0129	EA	20" Diameter x 6" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	3,536.67	
33 14 13 53-0130	EA	20" Diameter x 8" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	3,932.09	
33 14 13 53-0131	EA	20" Diameter x 10" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	4,599.83	
33 14 13 53-0132	EA	20" Diameter x 12" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	4,883.93	
33 14 13 53-0133	EA	24" Diameter x 4" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	3,742.86	
33 14 13 53-0134	EA	24" Diameter x 6" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	3,896.77	
33 14 13 53-0135	EA	24" Diameter x 8" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	4,104.14	
33 14 13 53-0136	EA	24" Diameter x 10" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	5,051.32	
33 14 13 53-0137	EA	24" Diameter x 12" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	5,226.27	

33 14 13 53-0138 Ductile Iron Mechanical Joint Tapping Sleeve *(33 14 13 53)*

33 14 13 53-0139	EA	4" Diameter x 4" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	1,433.70	
33 14 13 53-0140	EA	6" Diameter x 4" Or 6" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	1,732.01	
33 14 13 53-0141	EA	8" Diameter x 4" Or 6" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	2,069.12	
33 14 13 53-0142	EA	8" Diameter x 8" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	2,187.92	
33 14 13 53-0143	EA	10" Diameter x 4" Or 6" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	3,304.57	
33 14 13 53-0144	EA	10" Diameter x 8" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	3,470.19	
33 14 13 53-0145	EA	10" Diameter x 10" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	3,542.14	
33 14 13 53-0146	EA	12" Diameter x 4" Or 6" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	3,494.06	
33 14 13 53-0147	EA	12" Diameter x 8" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	3,659.03	
33 14 13 53-0148	EA	12" Diameter x 10" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	4,058.72	
33 14 13 53-0149	EA	12" Diameter x 12" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	4,161.36	
33 14 13 53-0150	EA	14" Diameter x 6" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	6,921.80	
33 14 13 53-0151	EA	14" Diameter x 8" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	7,108.00	
33 14 13 53-0152	EA	14" Diameter x 10" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	7,192.60	
33 14 13 53-0153	EA	14" Diameter x 12" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	7,229.87	
33 14 13 53-0154	EA	14" Diameter x 14" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	7,494.85	
33 14 13 53-0155	EA	16" Diameter x 4" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	7,485.54	
33 14 13 53-0156	EA	16" Diameter x 6" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	7,510.81	
33 14 13 53-0157	EA	16" Diameter x 8" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	7,718.70	
33 14 13 53-0158	EA	16" Diameter x 10" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	7,768.93	
33 14 13 53-0159	EA	16" Diameter x 12" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	7,824.06	
33 14 13 53-0160	EA	16" Diameter x 14" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	11,953.63	
33 14 13 53-0161	EA	16" Diameter x 16" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	8,207.46	
33 14 13 53-0162	EA	18" Diameter x 4" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	10,397.46	
33 14 13 53-0163	EA	18" Diameter x 6" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	10,864.88	
33 14 13 53-0164	EA	18" Diameter x 8", 10", 12" Or 16" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	11,000.89	
33 14 13 53-0165	EA	18" Diameter x 18" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	11,407.50	
33 14 13 53-0166	EA	20" Diameter x 4" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	9,750.10	
33 14 13 53-0167	EA	20" Diameter x 6" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	9,397.81	
33 14 13 53-0168	EA	20" Diameter x 8" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	9,577.08	
33 14 13 53-0169	EA	20" Diameter x 10" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	9,648.04	
33 14 13 53-0170	EA	20" Diameter x 12" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	9,995.27	
33 14 13 53-0171	EA	20" Diameter x 14" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	13,479.40	
33 14 13 53-0172	EA	20" Diameter x 16", 18" Or 20" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	13,745.27	
33 14 13 53-0173	EA	24" Diameter x 4", 6" Or 8" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	11,773.16	
33 14 13 53-0174	EA	24" Diameter x 10" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	11,937.01	
33 14 13 53-0175	EA	24" Diameter x 12" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	11,984.67	
33 14 13 53-0176	EA	24" Diameter x 14" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	16,553.27	
33 14 13 53-0177	EA	24" Diameter x 16" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	16,767.76	
33 14 13 53-0178	EA	24" Diameter x 18" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	16,818.29	
33 14 13 53-0179	EA	24" Diameter x 20" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	17,278.68	
33 14 13 53-0180	EA	24" Diameter x 24" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	17,499.07	

33 14 13 53-0181 Stainless Steel Flange, Stainless Steel Tapping Sleeve *(33 14 13 53)*

33 14 13 53-0182	EA	4" Diameter x 4" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	1,362.26	
33 14 13 53-0183	EA	6" Diameter x 4" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	1,485.99	
33 14 13 53-0184	EA	6" Diameter x 6" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	1,572.65	
33 14 13 53-0185	EA	8" Diameter x 4" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	1,606.75	
33 14 13 53-0186	EA	8" Diameter x 6" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	1,706.37	
33 14 13 53-0187	EA	8" Diameter x 8" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	2,001.36	
33 14 13 53-0188	EA	10" Diameter x 4" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	1,842.41	
33 14 13 53-0189	EA	10" Diameter x 6" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	1,952.75	
33 14 13 53-0190	EA	10" Diameter x 8" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	2,217.28	
33 14 13 53-0191	EA	10" Diameter x 10" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	2,981.32	
33 14 13 53-0192	EA	12" Diameter x 4" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	2,103.98	
33 14 13 53-0193	EA	12" Diameter x 6" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	2,253.90	
33 14 13 53-0194	EA	12" Diameter x 8" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	2,602.94	
33 14 13 53-0195	EA	12" Diameter x 10" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	3,057.30	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 53-0196	EA	12" Diameter x 12" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	3,404.97	
33 14 13 53-0197	EA	14" Diameter x 4" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	2,401.24	
33 14 13 53-0198	EA	14" Diameter x 6" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	2,584.84	
33 14 13 53-0199	EA	14" Diameter x 8" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	2,977.70	
33 14 13 53-0200	EA	14" Diameter x 10" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	3,432.50	
33 14 13 53-0201	EA	14" Diameter x 12" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	3,673.65	
33 14 13 53-0202	EA	16" Diameter x 4" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	2,924.47	
33 14 13 53-0203	EA	16" Diameter x 6" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	3,174.98	
33 14 13 53-0204	EA	16" Diameter x 8" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	3,366.18	
33 14 13 53-0205	EA	16" Diameter x 10" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	3,855.09	
33 14 13 53-0206	EA	16" Diameter x 12" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	4,187.17	
33 14 13 53-0207	EA	18" Diameter x 4" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	3,226.14	
33 14 13 53-0208	EA	18" Diameter x 6" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	3,599.90	
33 14 13 53-0209	EA	18" Diameter x 8" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	3,799.40	
33 14 13 53-0210	EA	18" Diameter x 10" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	4,229.17	
33 14 13 53-0211	EA	18" Diameter x 12" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	4,797.36	
33 14 13 53-0212	EA	20" Diameter x 4" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	3,486.45	
33 14 13 53-0213	EA	20" Diameter x 6" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	3,859.25	
33 14 13 53-0214	EA	20" Diameter x 8" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	4,021.57	
33 14 13 53-0215	EA	20" Diameter x 10" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	4,820.22	
33 14 13 53-0216	EA	20" Diameter x 12" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	5,265.34	
33 14 13 53-0217	EA	24" Diameter x 4" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	4,125.87	
33 14 13 53-0218	EA	24" Diameter x 6" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	4,180.04	
33 14 13 53-0219	EA	24" Diameter x 8" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	4,374.44	
33 14 13 53-0220	EA	24" Diameter x 10" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	5,327.48	
33 14 13 53-0221	EA	24" Diameter x 12" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	5,836.77	

33 14 13 53-0222 Ductile Iron Body, Flanged Coupling Adapter *(33 14 13 53)*

33 14 13 53-0223	EA	3" Ductile Iron Body, Flanged Coupling Adapter (Smith-Blair 912)	332.60	61.66
33 14 13 53-0224	EA	4" Ductile Iron Body, Flanged Coupling Adapter (Smith-Blair 912)	416.74	77.74
33 14 13 53-0225	EA	6" Ductile Iron Body, Flanged Coupling Adapter (Smith-Blair 912)	548.12	107.23
33 14 13 53-0226	EA	8" Ductile Iron Body, Flanged Coupling Adapter (Smith-Blair 912)	709.97	126.00
33 14 13 53-0227	EA	10" Ductile Iron Body, Flanged Coupling Adapter (Smith-Blair 912)	1,113.24	142.08
33 14 13 53-0228	EA	12" Ductile Iron Body, Flanged Coupling Adapter (Smith-Blair 912)	1,243.71	160.85

33 14 13 53-0229 Steel Body, Flanged Coupling Adapter *(33 14 13 53)*

33 14 13 53-0230	EA	3" Steel Body, Flanged Coupling Adapter (Smith-Blair 913)	484.46	61.66
33 14 13 53-0231	EA	4" Steel Body, Flanged Coupling Adapter (Smith-Blair 913)	573.00	77.74
33 14 13 53-0232	EA	6" Steel Body, Flanged Coupling Adapter (Smith-Blair 913)	765.18	107.23
33 14 13 53-0233	EA	8" Steel Body, Flanged Coupling Adapter (Smith-Blair 913)	935.88	126.00
33 14 13 53-0234	EA	10" Steel Body, Flanged Coupling Adapter (Smith-Blair 913)	1,142.22	142.08
33 14 13 53-0235	EA	12" Steel Body, Flanged Coupling Adapter (Smith-Blair 913)	1,330.86	160.85
33 14 13 53-0236	EA	14" Steel Body, Flanged Coupling Adapter (Smith-Blair 913)	1,580.73	176.94
33 14 13 53-0237	EA	16" Steel Body, Flanged Coupling Adapter (Smith-Blair 913)	1,871.63	193.02
33 14 13 53-0238	EA	18" Steel Body, Flanged Coupling Adapter (Smith-Blair 913)	2,209.87	212.32
33 14 13 53-0239	EA	20" Steel Body, Flanged Coupling Adapter (Smith-Blair 913)	2,610.91	233.55

33 14 13 53-0240 Steel Body, Flanged-Lock Restrained Coupling Adapters *(33 14 13 53)*

33 14 13 53-0241	EA	4" Steel Body, Flanged-Lock Restrained Coupling Adapter (Smith-Blair 911)	426.90	77.74
33 14 13 53-0242	EA	6" Steel Body, Flanged-Lock Restrained Coupling Adapter (Smith-Blair 911)	573.19	107.23
33 14 13 53-0243	EA	8" Steel Body, Flanged-Lock Restrained Coupling Adapter (Smith-Blair 911)	634.95	126.00
33 14 13 53-0244	EA	10" Steel Body, Flanged-Lock Restrained Coupling Adapter (Smith-Blair 911)	925.68	142.08
33 14 13 53-0245	EA	12" Steel Body, Flanged-Lock Restrained Coupling Adapter (Smith-Blair 911)	1,178.32	160.85
33 14 13 53-0246	EA	14" Steel Body, Flanged-Lock Restrained Coupling Adapter (Smith-Blair 911)	1,321.50	176.94
33 14 13 53-0247	EA	16" Steel Body, Flanged-Lock Restrained Coupling Adapter (Smith-Blair 911)	1,552.91	193.02
33 14 13 53-0248	EA	18" Steel Body, Flanged-Lock Restrained Coupling Adapter (Smith-Blair 911)	1,742.59	212.32
33 14 13 53-0249	EA	20" Steel Body, Flanged-Lock Restrained Coupling Adapter (Smith-Blair 911)	2,093.51	233.55
33 14 13 53-0250	EA	24" Steel Body, Flanged-Lock Restrained Coupling Adapter (Smith-Blair 911)	2,521.08	256.93
33 14 13 53-0251	EA	30" Steel Body, Flanged-Lock Restrained Coupling Adapter (Smith-Blair 911)	5,242.43	282.56
33 14 13 53-0252	EA	36" Steel Body, Flanged-Lock Restrained Coupling Adapter (Smith-Blair 911)	7,072.75	310.87

33 14 13 53-0253 Ductile Iron Body, Omni Coupling System *(33 14 13 53)*

33 14 13 53-0254	EA	2" Ductile Iron Body, Omni Coupling System (Smith-Blair 441)	150.87	42.89
33 14 13 53-0255	EA	2-1/2" Ductile Iron Body, Omni Coupling System (Smith-Blair 441)	186.04	50.94
33 14 13 53-0256	EA	3" Ductile Iron Body, Omni Coupling System (Smith-Blair 441)	230.27	61.66
33 14 13 53-0257	EA	4" Ductile Iron Body, Omni Coupling System (Smith-Blair 441)	289.18	77.74
33 14 13 53-0258	EA	6" Ductile Iron Body, Omni Coupling System (Smith-Blair 441)	385.93	107.23
33 14 13 53-0259	EA	8" Ductile Iron Body, Omni Coupling System (Smith-Blair 441)	468.75	126.00
33 14 13 53-0260	EA	10" Ductile Iron Body, Omni Coupling System (Smith-Blair 441)	585.10	142.08
33 14 13 53-0261	EA	12" Ductile Iron Body, Omni Coupling System (Smith-Blair 441)	684.05	160.85
33 14 13 53-0262	EA	14" Ductile Iron Body, Omni Coupling System (Smith-Blair 441)	960.05	176.94
33 14 13 53-0263	EA	16" Ductile Iron Body, Omni Coupling System (Smith-Blair 441)	1,196.70	193.02

33 14 19 Valves and Hydrants for Water Utility Service *(33 14)*

Note: Flanged valves excludes bolt and gasket set. Excludes excavation and backfill. See CSI section 23 21 13 23-0713 for

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
		bolt and gasket sets.		
33 14 19 00-0001		**Accessories For Valves** *(33 14 19)*		
33 14 19 00-0002	EA	1' Valve Extension Stem	116.37	
		For Each Additional LF, Add	*8.52*	
33 14 19 00-0003	EA	Up to 80" Long Indicator Post Telescoping Barrel Assembly Note: Excludes valve.	1,644.88	105.95
33 14 19 00-0004	EA	>80" To 114" Long Indicator Post Telescoping Barrel Assembly Note: Excludes valve.	1,866.18	116.55
33 14 19 00-0005		**Water Utility Distribution Valves** *(33 14 19)*		
33 14 19 00-0006		**Angle Valves** *(33 14 19 00-0005)* Note: For connecting meters to water service.		
33 14 19 00-0007		**Threaded, Class 150, Bronze Angle Valve** *(33 14 19 00-0006)* Note: Nibco T-335Y		
33 14 19 00-0008	EA	1/2" Threaded, Class 150, Bronze Angle Valve	100.82	18.41
33 14 19 00-0009	EA	3/4" Threaded, Class 150, Bronze Angle Valve	135.96	24.74
33 14 19 00-0010	EA	1" Threaded, Class 150, Bronze Angle Valve	182.90	30.49
33 14 19 00-0011	EA	1-1/4" Threaded, Class 150, Bronze Angle Valve	235.45	38.31
33 14 19 00-0012	EA	1-1/2" Threaded, Class 150, Bronze Angle Valve	293.76	44.29
33 14 19 00-0013	EA	2" Threaded, Class 150, Bronze Angle Valve	437.25	51.78
33 14 19 00-0014	EA	2-1/2" Threaded, Class 150, Bronze Angle Valve	699.39	70.67
33 14 19 00-0015	EA	3" Threaded, Class 150, Bronze Angle Valve	1,059.83	81.58
33 14 19 00-0016		**Butterfly Valves** *(33 14 19 00-0005)*		
33 14 19 00-0017		**Lug Type Flanged, Cast Iron Disc, Butterfly Valves** *(33 14 19 00-0016)* Note: ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, 304 Stainless Steel Pin		
33 14 19 00-0018	EA	3" Handwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,3,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-HD8 Modified)	1,979.23	195.60
33 14 19 00-0019	EA	3" Chainwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,3,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-CW8 Modified)	2,214.17	195.60
33 14 19 00-0020	EA	4" Handwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,4,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-HD8 Modified)	2,228.50	302.72
33 14 19 00-0021	EA	4" Chainwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,4,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-CW8 Modified)	2,461.44	302.72
33 14 19 00-0022	EA	6" Handwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,6,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-HD8 Modified)	2,587.22	381.63
33 14 19 00-0023	EA	6" Chainwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,6,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-CW8 Modified)	2,820.16	381.63
33 14 19 00-0024	EA	8" Handwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,8,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-HD8 Modified)	2,937.53	487.63
33 14 19 00-0025	EA	8" Chainwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,8,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-CW8 Modified)	3,158.68	487.63
33 14 19 00-0026	EA	10" Handwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,10,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-HD8 Modified)	3,669.82	593.64
33 14 19 00-0027	EA	10" Chainwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,10,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-CW8)	4,894.81	593.64
33 14 19 00-0028	EA	12" Handwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,12,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-HD8 Modified)	4,203.39	719.54
33 14 19 00-0029	EA	12" Chainwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,12,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-CW8 Modified)	4,436.33	719.54
33 14 19 00-0030	EA	14" Handwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,14,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-HD12 Modified)	5,647.67	1,021.40
33 14 19 00-0031	EA	14" Chainwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,14,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-CW12 Modified)	6,256.78	1,021.40
33 14 19 00-0032	EA	16" Handwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,16,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-HD16 Modified)	6,574.56	1,123.54
33 14 19 00-0033	EA	16" Chainwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,16,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-CW20 Modified)	7,321.57	1,123.54
33 14 19 00-0034	EA	18" Handwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,18,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-HD24 Modified)	8,232.48	1,246.10

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 19 00-0035	EA	18" Chainwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,1BAW,18,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-CW24 Modified)	9,023.66	1,246.10
33 14 19 00-0036	EA	20" Handwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,20,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-HD24 Modified)	9,433.07	1,404.43
33 14 19 00-0037	EA	20" Chainwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,20,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-CW24 Modified)	10,222.92	1,404.43
33 14 19 00-0038		**Lug Type Flanged, Ductile Iron Disc, Butterfly Valves** *(33 14 19 00-0016)* Note: ANSI Class 125, Ductile Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, 304 Stainless Steel Pin		
33 14 19 00-0039	EA	24" Chainwheel Operated, Flanged, ANSI Class 125, Ductile Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Ductile Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,24,F1,DI,NBRN-NBR,150B,DI-S2*GS-12A-CW20 Modified)	15,724.93	1,723.62
33 14 19 00-0040	EA	24" Cylinder Operated, Flanged, ANSI Class 125, Ductile Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Ductile Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,24,F1,DI,NBRN-NBR,150B,DI-S2*GS-12-PC10 Modified)	24,493.08	1,723.62
33 14 19 00-0041	EA	24" Handwheel Operated, Flanged, ANSI Class 125, Ductile Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Ductile Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,24,F1,DI,NBRN-NBR,150B,DI-S2*GS-12A-HD20 Modified)	15,677.94	1,723.62
33 14 19 00-0042	EA	30" Handwheel Operated, Flanged, ANSI Class 125, Ductile Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Ductile Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,30,F1,DI,NBRN-NBR,150B,DI-S2*MG-WR3L-HD24 Modified)	32,113.00	2,729.70
33 14 19 00-0043	EA	36" Handwheel Operated, Flanged, ANSI Class 125, Ductile Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Ductile Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,36,F1,DI,NBRN-NBR,150B,DI-S2*MG-WR3L-HD24 Modified)	38,052.66	3,639.60
33 14 19 00-0044	EA	42" Handwheel Operated, Flanged, ANSI Class 125, Ductile Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Ductile Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,42,F1,DI,NBRN-NBR,150B,DI-S2*MG-WR3L-HD32 Modified)	48,409.50	5,459.39
33 14 19 00-0045	EA	48" Handwheel Operated, Flanged, ANSI Class 125, Ductile Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Ductile Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,48,F1,DI,NBRN-NBR,150B,DI-S2*MG-WR4L-HD24 Modified)	63,225.51	6,824.24
33 14 19 00-0046	EA	54" Handwheel Operated, Flanged, ANSI Class 125, Ductile Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Ductile Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,54,F1,DI,NBRN-NBR,150B,DI-S2*MG-WR6L-HD24 Modified)	106,479.23	8,189.09
33 14 19 00-0047	EA	60" Handwheel Operated, Flanged, ANSI Class 125, Ductile Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Ductile Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,60,F1,DI,NBRN-NBR,150B,DI-S2*MG-WR6L-HD36 Modified)	133,393.09	9,826.91
33 14 19 00-0048	EA	72" Handwheel Operated, Flanged, ANSI Class 125, Ductile Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Ductile Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,72,F1,DI,NBRN-NBR,150B,DI-S2*MG-WR8L-HD36 Modified)	191,231.04	11,792.29
33 14 19 00-0049	LF	3/16" Link, 316 Stainless Steel Chain For Use With Dezurik Chainwheel	17.75	
33 14 19 00-0050	EA	316 Stainless Steel Closing Link For Use With Dezurik Chainwheel Note: One required per valve.	9.40	
33 14 19 00-0051		**Check Valves** *(33 14 19 00-0005)*		
33 14 19 00-0052		**Flanged, Swing Type Gravity Operated Check Valves** *(33 14 19 00-0051)* Note: AWWA C508. Bronze disc facing. Mueller A-2600-6.		
33 14 19 00-0053	EA	2-1/2" Flanged, Swing Type Gravity Operated Check Valve	1,395.20	153.63
33 14 19 00-0054	EA	3" Flanged, Swing Type Gravity Operated Check Valve	1,427.99	180.12
33 14 19 00-0055	EA	4" Flanged, Swing Type Gravity Operated Check Valve	1,936.88	227.80
33 14 19 00-0056	EA	4" x 6" Flanged, Swing Type Gravity Operated Check Valve	2,751.02	342.75
33 14 19 00-0057	EA	4" x 8" Flanged, Swing Type Gravity Operated Check Valve	2,848.38	382.80
33 14 19 00-0058	EA	6" Flanged, Swing Type Gravity Operated Check Valve	2,709.61	381.43
33 14 19 00-0059	EA	6" x 8" Flanged, Swing Type Gravity Operated Check Valve	3,563.54	433.57
33 14 19 00-0060	EA	6" x 10" Flanged, Swing Type Gravity Operated Check Valve	3,708.26	487.38
33 14 19 00-0061	EA	8" Flanged, Swing Type Gravity Operated Check Valve	3,871.12	487.38
33 14 19 00-0062	EA	10" Flanged, Swing Type Gravity Operated Check Valve	6,601.23	593.34
33 14 19 00-0063	EA	12" Flanged, Swing Type Gravity Operated Check Valve	10,062.29	445.00
33 14 19 00-0064	EA	14" Flanged, Swing Type Gravity Operated Check Valve	14,249.99	1,021.40
33 14 19 00-0065	EA	16" Flanged, Swing Type Gravity Operated Check Valve	18,987.36	1,123.54
33 14 19 00-0066	EA	18" Flanged, Swing Type Gravity Operated Check Valve	27,599.90	1,246.10
33 14 19 00-0067	EA	20" Flanged, Swing Type Gravity Operated Check Valve	32,140.13	1,404.43
33 14 19 00-0068		**Combination Air Release Valves** *(33 14 19 00-0005)*		
33 14 19 00-0069	EA	1" Combination Air Release Valve	627.05	22.25
33 14 19 00-0070	EA	2" Combination Air Release Valve	1,011.72	38.14
33 14 19 00-0071		**Corporation Stop And Curb Valve** *(33 14 19 00-0005)* Note: AWWA C800		
33 14 19 00-0072		**Ball Corporation Valves** *(33 14 19 00-0071)* Note: Mueller B-25000.		
33 14 19 00-0073	EA	3/4" Ball Corporation Valve (Mueller B-25000)	81.12	22.25
33 14 19 00-0074	EA	1" Ball Corporation Valve (Mueller B-25000)	101.80	27.54
33 14 19 00-0075	EA	1-1/2" Ball Corporation Valve (Mueller B-25000)	180.37	40.27
33 14 19 00-0076	EA	2" Ball Corporation Valve (Mueller B-25000)	268.98	47.68

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 19 00-0077		**Ground Key Corporation Valves** *(33 14 19 00-0071)* Note: Mueller B-15000.		
33 14 19 00-0078	EA	1/2" Ground Key Corporation Valve	61.47	19.07
33 14 19 00-0079	EA	3/4" Ground Key Corporation Valve	68.14	22.25
33 14 19 00-0080	EA	1" Ground Key Corporation Valve	92.23	27.54
33 14 19 00-0081	EA	1-1/4" Ground Key Corporation Valve	167.46	33.91
33 14 19 00-0082	EA	1-1/2" Ground Key Corporation Valve	175.59	40.27
33 14 19 00-0083	EA	2" Ground Key Corporation Valve	268.92	47.68
33 14 19 00-0084		**Ball Curb Valves** *(33 14 19 00-0071)* Note: Mueller B-25204.		
33 14 19 00-0085	EA	3/4" Ball Curb Valve	97.08	22.25
33 14 19 00-0086	EA	1" Ball Curb Valve	128.78	27.54
33 14 19 00-0087	EA	1-1/2" Ball Curb Valve	242.82	40.27
33 14 19 00-0088	EA	2" Ball Curb Valve	360.43	47.68
33 14 19 00-0089		**O Ring Seal Curb Valves** *(33 14 19 00-0071)* Note: Mueller H-15204.		
33 14 19 00-0090	EA	3/4" O Ring Seal Curb Valve	97.08	22.25
33 14 19 00-0091	EA	1" O Ring Seal Curb Valve	136.02	27.54
33 14 19 00-0092	EA	1-1/4" O Ring Seal Curb Valve	181.84	33.91
33 14 19 00-0093	EA	1-1/2" O Ring Seal Curb Valve	242.82	40.27
33 14 19 00-0094	EA	2" O Ring Seal Curb Valve	360.35	47.68
33 14 19 00-0095		**Gate Valve, AWWA C500 And C509** *(33 14 19 00-0005)*		
33 14 19 00-0096		**Gate Valve, Flanged AWWA C500, Mueller A-2380-6** *(33 14 19 00-0095)*		
33 14 19 00-0097	EA	2" Gate Valve, Flanged	855.06	141.23
33 14 19 00-0098	EA	2-1/2" Gate Valve, Flanged	1,002.77	153.63
33 14 19 00-0099	EA	3" Gate Valve, Flanged	1,186.84	180.12
33 14 19 00-0100	EA	4" Gate Valve, Flanged	1,525.70	225.68
33 14 19 00-0101	EA	6" Gate Valve, Flanged	1,914.67	381.43
33 14 19 00-0102	EA	8" Gate Valve, Flanged	2,849.74	487.38
33 14 19 00-0103	EA	10" Gate Valve, Flanged	4,308.09	593.34
33 14 19 00-0104	EA	12" Gate Valve, Flanged	5,195.95	445.00
33 14 19 00-0105	EA	14" Gate Valve, Flanged	11,560.44	1,021.40
33 14 19 00-0106	EA	16" Gate Valve, Flanged	15,146.48	1,123.54
33 14 19 00-0107	EA	18" Gate Valve, Flanged	24,050.98	1,246.10
33 14 19 00-0108	EA	20" Gate Valve, Flanged	28,770.49	1,404.43
33 14 19 00-0109		**Resilient Wedge Gate Valve, Flanged AWWA C509, Mueller A-2360-6** *(33 14 19 00-0095)*		
33 14 19 00-0110	EA	2" Resilient Wedge Gate Valve, Flanged	816.69	141.23
33 14 19 00-0111	EA	2-1/2" Resilient Wedge Gate Valve, Flanged	956.92	153.63
33 14 19 00-0112	EA	3" Resilient Wedge Gate Valve, Flanged	1,132.42	180.12
33 14 19 00-0113	EA	4" Resilient Wedge Gate Valve, Flanged	1,464.87	225.68
33 14 19 00-0114	EA	6" Resilient Wedge Gate Valve, Flanged	1,833.36	381.43
33 14 19 00-0115	EA	8" Resilient Wedge Gate Valve, Flanged	2,722.71	487.38
33 14 19 00-0116	EA	10" Resilient Wedge Gate Valve, Flanged	4,106.24	593.34
33 14 19 00-0117	EA	12" Resilient Wedge Gate Valve, Flanged	4,952.23	445.00
33 14 19 00-0118		**Gate Valve, Mechanical Joint AWWA C500, Mueller A-2380-20** *(33 14 19 00-0095)*		
33 14 19 00-0119	EA	2" Gate Valve, Mechanical Joint	999.74	112.84
33 14 19 00-0120	EA	2-1/2" Gate Valve, Mechanical Joint	1,077.41	141.45
33 14 19 00-0121	EA	3" Gate Valve, Mechanical Joint	1,355.71	171.11
33 14 19 00-0122	EA	4" Gate Valve, Mechanical Joint	1,610.62	225.68
33 14 19 00-0123	EA	6" Gate Valve, Mechanical Joint	2,030.38	264.88
33 14 19 00-0124	EA	8" Gate Valve, Mechanical Joint	2,970.25	317.86
33 14 19 00-0125	EA	10" Gate Valve, Mechanical Joint	4,369.68	370.83
33 14 19 00-0126	EA	12" Gate Valve, Mechanical Joint	5,475.67	445.00
33 14 19 00-0127	EA	14" Gate Valve, Mechanical Joint	12,297.81	625.60
33 14 19 00-0128	EA	16" Gate Valve, Mechanical Joint	15,928.02	702.21
33 14 19 00-0129	EA	18" Gate Valve, Mechanical Joint	25,449.28	778.82
33 14 19 00-0130	EA	20" Gate Valve, Mechanical Joint	30,280.93	877.76
33 14 19 00-0131		**Resilient Wedge Gate Valve, Mechanical Joint AWWA C509, Mueller A-2360-20** *(33 14 19 00-0095)*		
33 14 19 00-0132	EA	2" Resilient Wedge Gate Valve, Mechanical Joint	955.92	112.84
33 14 19 00-0133	EA	3" Resilient Wedge Gate Valve, Mechanical Joint	1,298.34	171.11
33 14 19 00-0134	EA	4" Resilient Wedge Gate Valve, Mechanical Joint	1,545.00	225.68
33 14 19 00-0135	EA	6" Resilient Wedge Gate Valve, Mechanical Joint	1,945.45	264.88
33 14 19 00-0136	EA	8" Resilient Wedge Gate Valve, Mechanical Joint	2,838.13	317.86
33 14 19 00-0137	EA	10" Resilient Wedge Gate Valve, Mechanical Joint	4,164.34	370.83

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 19 00-0138	EA	12" Resilient Wedge Gate Valve, Mechanical Joint	5,216.06	445.00
33 14 19 00-0139		**Gate Valve, Threaded, WW-V-51 Class A, Type 1** *(33 14 19 00-0095)*		
		Note: NIBCO T-113.		
33 14 19 00-0140	EA	1/4" Gate Valve, Bronze, Threaded	59.18	18.53
33 14 19 00-0141	EA	3/8" Gate Valve, Bronze, Threaded	60.94	18.53
33 14 19 00-0142	EA	1/2" Gate Valve, Bronze, Threaded	60.37	18.53
33 14 19 00-0143	EA	3/4" Gate Valve, Bronze, Threaded	77.73	25.02
33 14 19 00-0144	EA	1" Gate Valve, Bronze, Threaded	95.85	30.26
33 14 19 00-0145	EA	1-1/4" Gate Valve, Bronze, Threaded	130.30	38.31
33 14 19 00-0146	EA	1-1/2" Gate Valve, Bronze, Threaded	151.20	44.29
33 14 19 00-0147	EA	2" Gate Valve, Bronze, Threaded	183.46	51.78
33 14 19 00-0148	EA	2-1/2" Gate Valve, Bronze, Threaded	353.60	70.67
33 14 19 00-0149	EA	3" Gate Valve, Bronze, Threaded	423.86	81.06
33 14 19 00-0150		**Globe Valve, AWWA** *(33 14 19 00-0005)*		
33 14 19 00-0151		**Globe Valve, Threaded, WW-V-51 Class B, Type 1** *(33 14 19 00-0150)*		
		Note: NIBCO T-235.		
33 14 19 00-0152	EA	1/8" Globe Valve, Threaded	83.76	18.53
33 14 19 00-0153	EA	1/4" Globe Valve, Threaded	80.21	18.53
33 14 19 00-0154	EA	3/8" Globe Valve, Threaded	81.97	18.53
33 14 19 00-0155	EA	1/2" Globe Valve, Threaded	83.76	18.53
33 14 19 00-0156	EA	3/4" Globe Valve, Threaded	113.75	25.02
33 14 19 00-0157	EA	1" Globe Valve, Threaded	159.61	30.26
33 14 19 00-0158	EA	1-1/4" Globe Valve, Threaded	233.35	38.31
33 14 19 00-0159	EA	1-1/2" Globe Valve, Threaded	278.56	44.29
33 14 19 00-0160	EA	2" Globe Valve, Threaded	388.67	51.78
33 14 19 00-0161	EA	2-1/2" Globe Valve, Threaded	713.50	70.67
33 14 19 00-0162	EA	3" Globe Valve, Threaded	976.88	81.48
33 14 19 00-0163		**Tapping Valve, AWWA C500 And C509** *(33 14 19 00-0005)*		
33 14 19 00-0164		**Tapping Valve, AWWA C500 And C509** *(33 14 19 00-0163)*		
		Note: Flanged inlet X mechanical joint, Mueller H-667.		
33 14 19 00-0165	EA	2" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint	1,220.85	141.23
33 14 19 00-0166	EA	3" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint	1,573.35	180.12
33 14 19 00-0167	EA	4" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint	1,899.05	225.68
33 14 19 00-0168	EA	6" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint	2,485.20	381.43
33 14 19 00-0169	EA	8" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint	3,581.43	487.38
33 14 19 00-0170	EA	10" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint	5,197.28	593.34
33 14 19 00-0171	EA	12" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint	7,699.73	445.00
33 14 19 00-0172	EA	14" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint	14,135.83	1,021.40
33 14 19 00-0173	EA	16" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint	17,873.60	1,123.54
33 14 19 00-0174	EA	18" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint	28,886.62	1,246.10
33 14 19 00-0175		**Fire Hydrants** *(33 14 19)*		
		Note: Breakaway type.		
33 14 19 00-0176		**Three Way, Standard (Traditional) Model Fire Hydrant** *(33 14 19 00-0175)*		
		Note: Mechanical joint shoe. Includes shoe, lower barrel and upper barrel (hydrant).		
33 14 19 00-0177	EA	1-1/2' Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	3,577.72	296.81
33 14 19 00-0178	EA	2' Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	3,644.23	296.81
33 14 19 00-0179	EA	2-1/2' Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	3,710.91	296.81
33 14 19 00-0180	EA	3' Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	3,798.48	318.02
33 14 19 00-0181	EA	3-1/2' Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	3,865.06	318.02
33 14 19 00-0182	EA	4' Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	3,958.20	344.52
33 14 19 00-0183	EA	4-1/2' Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	4,024.67	344.52
33 14 19 00-0184	EA	5' Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	4,117.83	371.02
33 14 19 00-0185	EA	5-1/2' Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	4,184.40	371.02
33 14 19 00-0186	EA	6' Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	4,277.37	397.52
33 14 19 00-0187	EA	6-1/2' Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	4,370.42	424.02
33 14 19 00-0188	EA	7' Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	4,489.88	477.03
33 14 19 00-0189	EA	1-1/2' Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	3,638.42	296.81
33 14 19 00-0190	EA	2' Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	3,724.73	296.81
33 14 19 00-0191	EA	2-1/2' Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	3,810.83	296.81
33 14 19 00-0192	EA	3' Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	3,918.14	318.02
33 14 19 00-0193	EA	3-1/2' Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	4,004.24	318.02
33 14 19 00-0194	EA	4' Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	4,117.16	344.52
33 14 19 00-0195	EA	4-1/2' Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	4,203.15	344.52
33 14 19 00-0196	EA	5' Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	4,315.84	371.02
33 14 19 00-0197	EA	5-1/2' Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	4,401.92	371.02
33 14 19 00-0198	EA	6' Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	4,514.37	397.52
33 14 19 00-0199	EA	6-1/2' Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	4,627.18	424.02
33 14 19 00-0200	EA	7' Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	4,766.14	477.03

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 19 00-0201		**Two Way, Standard (Traditional) Model Fire Hydrant** *(33 14 19 00-0175)*		
		Note: Mechanical joint shoe. Includes shoe, lower barrel and upper barrel (hydrant).		
33 14 19 00-0202	EA	1-1/2' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	3,212.64	296.81
33 14 19 00-0203	EA	2' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	3,278.92	296.81
33 14 19 00-0204	EA	2-1/2' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	3,345.58	296.81
33 14 19 00-0205	EA	3' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	3,433.43	318.02
33 14 19 00-0206	EA	3-1/2' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	3,499.79	318.02
33 14 19 00-0207	EA	4' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	3,592.78	344.52
33 14 19 00-0208	EA	4-1/2' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	3,659.35	344.52
33 14 19 00-0209	EA	5' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	3,752.57	371.02
33 14 19 00-0210	EA	5-1/2' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	3,819.00	371.02
33 14 19 00-0211	EA	6' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	3,912.33	397.52
33 14 19 00-0212	EA	6-1/2' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	4,004.96	424.02
33 14 19 00-0213	EA	7' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	4,124.56	477.03
33 14 19 00-0214	EA	1-1/2' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	3,306.40	296.81
33 14 19 00-0215	EA	2' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	3,392.52	296.81
33 14 19 00-0216	EA	2-1/2' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	3,478.51	296.81
33 14 19 00-0217	EA	3' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	3,586.04	318.02
33 14 19 00-0218	EA	3-1/2' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	3,671.92	318.02
33 14 19 00-0219	EA	4' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	3,784.69	344.52
33 14 19 00-0220	EA	4-1/2' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	3,870.62	344.52
33 14 19 00-0221	EA	5' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	3,983.59	371.02
33 14 19 00-0222	EA	5-1/2' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	4,069.47	371.02
33 14 19 00-0223	EA	6' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	4,182.22	397.52
33 14 19 00-0224	EA	6-1/2' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	4,294.61	424.02
33 14 19 00-0225	EA	7' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	4,434.04	477.03
33 14 19 00-0226		**Three Way, Modern Model Fire Hydrant** *(33 14 19 00-0175)*		
		Note: Mechanical joint shoe. Includes shoe, lower barrel and upper barrel (hydrant).		
33 14 19 00-0227	EA	1-1/2' Burial Section, Three Way, Modern Type Fire Hydrant	3,732.94	296.81
33 14 19 00-0228	EA	2' Burial Section, Three Way, Modern Type Fire Hydrant	3,818.93	296.81
33 14 19 00-0229	EA	2-1/2' Burial Section, Three Way, Modern Type Fire Hydrant	3,905.18	296.81
33 14 19 00-0230	EA	3' Burial Section, Three Way, Modern Type Fire Hydrant	4,012.54	318.02
33 14 19 00-0231	EA	3-1/2' Burial Section, Three Way, Modern Type Fire Hydrant	4,098.59	318.02
33 14 19 00-0232	EA	4' Burial Section, Three Way, Modern Type Fire Hydrant	4,211.19	344.52
33 14 19 00-0233	EA	4-1/2' Burial Section, Three Way, Modern Type Fire Hydrant	4,297.36	344.52
33 14 19 00-0234	EA	5' Burial Section, Three Way, Modern Type Fire Hydrant	4,409.98	371.02
33 14 19 00-0235	EA	5-1/2' Burial Section, Three Way, Modern Type Fire Hydrant	4,496.06	371.02
33 14 19 00-0236	EA	6' Burial Section, Three Way, Modern Type Fire Hydrant	4,608.66	371.02
33 14 19 00-0237	EA	6-1/2' Burial Section, Three Way, Modern Type Fire Hydrant	4,721.52	424.02
33 14 19 00-0238	EA	7' Burial Section, Three Way, Modern Type Fire Hydrant	4,859.58	424.02
33 14 19 00-0239		**Two Way, Modern Model Fire Hydrant** *(33 14 19 00-0175)*		
		Note: Mechanical joint shoe. Includes shoe, lower barrel and upper barrel (hydrant).		
33 14 19 00-0240	EA	1-1/2' Burial Section, Two Way, Modern Type Fire Hydrant	2,654.68	296.81
33 14 19 00-0241	EA	2' Burial Section, Two Way, Modern Type Fire Hydrant	2,720.12	296.81
33 14 19 00-0242	EA	2-1/2' Burial Section, Two Way, Modern Type Fire Hydrant	2,786.29	296.81
33 14 19 00-0243	EA	3' Burial Section, Two Way, Modern Type Fire Hydrant	2,872.17	318.02
33 14 19 00-0244	EA	3-1/2' Burial Section, Two Way, Modern Type Fire Hydrant	2,937.59	318.02
33 14 19 00-0245	EA	4' Burial Section, Two Way, Modern Type Fire Hydrant	3,029.51	344.52
33 14 19 00-0246	EA	4-1/2' Burial Section, Two Way, Modern Type Fire Hydrant	3,094.91	344.52
33 14 19 00-0247	EA	5' Burial Section, Two Way, Modern Type Fire Hydrant	3,186.91	371.02
33 14 19 00-0248	EA	5-1/2' Burial Section, Two Way, Modern Type Fire Hydrant	3,252.14	371.02
33 14 19 00-0249	EA	6' Burial Section, Two Way, Modern Type Fire Hydrant	3,344.08	397.52
33 14 19 00-0250	EA	6-1/2' Burial Section, Two Way, Modern Type Fire Hydrant	3,436.09	424.02
33 14 19 00-0251	EA	7' Burial Section, Two Way, Modern Type Fire Hydrant	3,553.71	477.03
33 14 19 00-0252		**Fire Hydrant Extension Kits** *(33 14 19 00-0175)*		
33 14 19 00-0253	EA	6" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit	553.21	26.50
33 14 19 00-0254	EA	12" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit	657.26	33.12
33 14 19 00-0255	EA	18" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit	716.78	39.76
33 14 19 00-0256	EA	24" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit	814.61	49.03
33 14 19 00-0257	EA	30" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit	1,230.78	51.02
33 14 19 00-0258	EA	36" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit	1,314.59	53.00
33 14 19 00-0259	EA	42" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit	1,334.53	55.65
33 14 19 00-0260	EA	48" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit	1,409.52	59.63
33 14 19 00-0261	EA	54" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit	1,553.79	71.56
33 14 19 00-0262	EA	60" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit	1,639.38	86.13
33 14 19 00-0263	EA	6" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit	615.41	29.69
33 14 19 00-0264	EA	12" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit	728.69	36.05
33 14 19 00-0265	EA	18" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit	836.12	43.46
33 14 19 00-0266	EA	24" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit	934.56	54.06
33 14 19 00-0267	EA	30" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit	1,280.17	56.19
33 14 19 00-0268	EA	36" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit	1,365.04	58.30
33 14 19 00-0269	EA	42" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit	1,423.43	61.49
33 14 19 00-0270	EA	48" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit	1,665.11	65.72
33 14 19 00-0271	EA	54" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit	1,824.67	78.44
33 14 19 00-0272	EA	60" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit	1,916.92	94.35

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 19 00-0273		**Removal And Reinstallation Of Standard Fire Hydrant** *(33 14 19 00-0175)* Note: Includes all necessary fittings for resetting, storage and cleaning. Excludes excavation, backfill and thrust blocking around fire hydrant.		
33 14 19 00-0274	EA	Up To 5' Burial Section, Removal And Reinstallation Of Fire Hydrant	848.04	
33 14 19 00-0275	EA	>5' Burial Section, Removal And Reinstallation Of Fire Hydrant	1,236.73	
33 14 19 00-0276	EA	Reset Fire Hydrant Upper Barrel Note: Includes Safety Repair Kit	1,246.72	
33 14 19 00-0277		**Yard Hydrants** *(33 14 19)* Note: With 3/4" hose thread outlet.		
33 14 19 00-0278	EA	2' Bury Depth Yard Hydrant, 3/4" Galvanized Column And 3/4" Threaded Hose Outlet	365.72	34.52
33 14 19 00-0279	EA	4' Bury Depth Yard Hydrant, 3/4" Galvanized Column And 3/4" Threaded Hose Outlet	393.25	34.52
33 14 19 00-0280	EA	6' Bury Depth Yard Hydrant, 3/4" Galvanized Column And 3/4" Threaded Hose Outlet	420.77	34.52
33 14 19 00-0281	EA	2' Bury Depth Yard Hydrant, 1" Galvanized Column And 3/4" Threaded Hose Outlet	336.33	43.72
33 14 19 00-0282	EA	4' Bury Depth Yard Hydrant, 1" Galvanized Column And 3/4" Threaded Hose Outlet	352.75	43.72
33 14 19 00-0283	EA	6' Bury Depth Yard Hydrant, 1" Galvanized Column And 3/4" Threaded Hose Outlet	369.16	43.72
33 14 19 00-0284		**Sanitary Yard Hydrants** *(33 14 19)* Note: With 3/4" hose thread outlet.		
33 14 19 00-0285	EA	2' Bury Depth Sanitary Yard Hydrant, 1" Galvanized Column And 3/4" Threaded Hose Outlet	1,665.92	71.92
33 14 19 00-0286	EA	4' Bury Depth Sanitary Yard Hydrant, 1" Galvanized Column And 3/4" Threaded Hose Outlet	1,751.94	71.92
33 14 19 00-0287	EA	6' Bury Depth Sanitary Yard Hydrant, 1" Galvanized Column And 3/4" Threaded Hose Outlet	1,837.95	71.92
33 14 19 00-0288		**Flushing Hydrants** *(33 14 19)*		
33 14 19 00-0289	EA	2" Inlet x 2-1/2" Outlet Steel Flushing Hydrant, 3' Bury Depth	861.23	44.30
		For Each Additional 1' Section > Standard 3' Bury Depth, Add	*8.14*	

33 14 23 Enclosures for Water Utility Piping and Valves *(33 14)*

Note: Excludes excavation and backfill. See CSI section 22 11 19 00-0414 for Enclosures.

33 14 23 00-0001		**Roadway Or Curb Valve Boxes** *(33 14 23)* See CSI section 22 05 19 00-0000 for metering.		
33 14 23 00-0002		**Round Head, Cast Iron Service, Roadway Or Valve Boxes** *(33 14 23 00-0001)*		
33 14 23 00-0003	EA	36" To 48" High, Two Piece, Screw Type, 2-1/2" Shaft, Round Head, Cast Iron Service Box Note: Includes cover, top section and bottom section.	270.66	13.98
33 14 23 00-0004	EA	36" To 54" High, Two Piece, Screw Type, 2-1/2" Shaft, Round Head, Cast Iron Service Box Note: Includes cover, top section and bottom section.	316.21	13.98
33 14 23 00-0005	EA	42" To 60" High, Two Piece, Screw Type, 2-1/2" Shaft, Round Head, Cast Iron Service Box Note: Includes cover, top section and bottom section.	318.30	13.98
33 14 23 00-0006	EA	9" Extension For Screw Type, 2-1/2" Shaft, Round Head, Cast Iron Service Box	79.17	6.99
33 14 23 00-0007	EA	16" Extension For Screw Type, 2-1/2" Shaft, Round Head, Cast Iron Service Box	91.23	6.99
33 14 23 00-0008	EA	24" Extension For Screw Type, 2-1/2" Shaft, Round Head, Cast Iron Service Box	109.38	6.99
33 14 23 00-0009	EA	36" To 48" High, Screw Type, 4-1/4" Shaft, Round Head, Cast Iron Roadway Box Note: Includes cover, top section and bottom section.	410.96	17.48
33 14 23 00-0010	EA	45" To 54" High, Three Piece, Screw Type, 5-1/4" Shaft, Round Head, Cast Iron Valve Box Note: Includes cover, top section, bottom section and #6 round base.	716.31	24.47
33 14 23 00-0011	EA	45" To 66" High, Three Piece, Screw Type, 5-1/4" Shaft, Round Head, Cast Iron Valve Box Note: Includes cover, top section, bottom section and #6 round base.	801.27	24.47
33 14 23 00-0012	EA	24" To 36" High, Two Piece, Screw Type, 5-1/4" Shaft, Round Head, Cast Iron Valve Box Note: Includes cover, top section and bottom section.	427.81	17.48
33 14 23 00-0013	EA	36" To 48" High, Two Piece, Screw Type, 5-1/4" Shaft, Round Head, Cast Iron Valve Box Note: Includes cover, top section and bottom section.	448.10	17.48
33 14 23 00-0014	EA	24" To 36" High, Two Piece, Slip Type, 5-1/4" Shaft, Round Head, Cast Iron Valve Box Note: Includes cover, top section and bottom section.	432.60	17.48
33 14 23 00-0015	EA	12" Extension For Screw Type, 5-1/4" Shaft, Round Head, Cast Iron Valve Box	156.27	6.99
33 14 23 00-0016	EA	18" To 24" High Round Head Cast Iron Roadway Or Curb Valve Boxes	257.33	28.77
33 14 23 00-0017	EA	22" To 28" High Round Head Cast Iron Roadway Or Curb Valve Boxes	266.55	29.92
33 14 23 00-0018	EA	30" To 36" High Round Head Cast Iron Roadway Or Curb Valve Boxes	296.89	31.06
33 14 23 00-0019	EA	36" To 48" High Round Head Cast Iron Roadway Or Curb Valve Box	413.70	32.80
33 14 23 00-0020	EA	48" To 60" High Round Head Cast Iron Roadway Or Curb Valve Boxes	500.62	34.52
33 14 23 00-0021	EA	18" Cast Iron Service Box Extension Section	118.48	
33 14 23 00-0022		**Plastic Roadway Grade Water Meter Box And Cover** *(33 14 23 00-0001)*		
33 14 23 00-0023	EA	12" Wide x 16" Long x 16" Deep Plastic Meter Box And Cover	501.90	40.27
33 14 23 00-0024	EA	9-3/4" Wide x 19-1/4" Long x 16" Deep Oval Plastic Meter Box And Cover	380.24	28.77
33 14 23 00-0025	EA	Cast Iron Lid For Plastic Meter Box	118.55	

33 16 Water Utility Storage Tanks *(33 10)*

33 16 23 Ground-Level Steel Water Storage Tanks *(33 16)*

See CSI section 23 13 23 16-0000 for aboveground steel storage tanks.

33 19 Water Utility Metering Equipment *(33 10)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

33 19 13 Positive Displacement Water Meters *(33 19)*

33 19 13 23 Nutating Disc Water Meters *(33 19 13)*

33 19 13 23-0001 Bronze Disk Type Water Service Meters *(33 19 13 23)*

33 19 13 23-0002	EA	5/8" Diameter, 0 To 20 GPM, Screwed, Disk Type, Bronze Water Supply Meter	316.49	59.83
		For Owner Furnished Material, Deduct	*-255.93*	
33 19 13 23-0003	EA	3/4" Diameter, 0 To 30 GPM, Screwed, Disk Type, Bronze Water Supply Meter	398.06	71.33
		For Owner Furnished Material, Deduct	*-326.14*	
33 19 13 23-0004	EA	1" Diameter, 0 To 50 GPM, Screwed, Disk Type, Bronze Water Supply Meter	535.42	81.69
		For Owner Furnished Material, Deduct	*-453.23*	
33 19 13 23-0005	EA	1-1/2" Diameter, 0 To 100 GPM, Screwed, Disk Type, Bronze Water Supply Meter	1,043.96	121.96
		For Owner Furnished Material, Deduct	*-921.56*	
33 19 13 23-0006	EA	2" Diameter, 0 To 160 GPM, Screwed, Disk Type, Bronze Water Supply Meter	1,414.88	158.78
		For Owner Furnished Material, Deduct	*-1,255.08*	

33 19 16 Velocity-Type Water Meters *(33 19)*

33 19 16 23 Turbine Water Meters *(33 19 16)*

33 19 16 23-0001 Flanged Turbine Water Service Meter *(33 19 16 23)*

33 19 16 23-0002 Vertical Turbine Meters *(33 19 16 23-0001)*

33 19 16 23-0003	EA	1-1/2" Diameter, 0 - 100 GPM Vertical Turbine Meter, Flanged	1,014.36	111.25
		For Owner Furnished Material, Deduct	*-874.95*	
33 19 16 23-0004	EA	2" Diameter, 0 - 160 GPM Vertical Turbine Meter, Flanged	1,423.78	141.23
		For Owner Furnished Material, Deduct	*-1,247.19*	
33 19 16 23-0005	EA	3" Diameter, 0 - 350 GPM Vertical Turbine Meter, Flanged	2,657.39	180.12
		For Owner Furnished Material, Deduct	*-2,206.56*	
33 19 16 23-0006	EA	4" Diameter, 0 - 650 GPM Vertical Turbine Meter, Flanged	3,965.84	281.84
		For Owner Furnished Material, Deduct	*-3,261.88*	
33 19 16 23-0007	EA	6" Diameter, 0 - 1,300 GPM Vertical Turbine Meter, Flanged	7,480.72	381.43
		For Owner Furnished Material, Deduct	*-6,523.75*	

33 19 16 23-0008 Horizontal Turbine Meters *(33 19 16 23-0001)*

33 19 16 23-0009	EA	1-1/2" Diameter, 0 - 120 GPM Horizontal Turbine Meter, Flanged	1,597.66	111.25
		For Owner Furnished Material, Deduct	*-1,458.25*	
33 19 16 23-0010	EA	2" Diameter, 0 - 160 GPM Horizontal Turbine Meter, Flanged	2,256.51	141.23
		For Owner Furnished Material, Deduct	*-2,079.92*	
33 19 16 23-0011	EA	3" Diameter, 0 - 600 GPM Horizontal Turbine Meter, Flanged	2,991.25	180.12
		For Owner Furnished Material, Deduct	*-2,540.42*	
33 19 16 23-0012	EA	4" Diameter, 0 - 1,000 GPM Horizontal Turbine Meter, Flanged	4,407.15	281.84
		For Owner Furnished Material, Deduct	*-3,703.19*	
33 19 16 23-0013	EA	6" Diameter, 0 - 2,000 GPM Horizontal Turbine Meter, Flanged	9,088.63	381.43
		For Owner Furnished Material, Deduct	*-8,131.66*	
33 19 16 23-0014	EA	8" Diameter, 0 - 3,500 GPM Horizontal Turbine Meter, Flanged	12,151.64	487.38
		For Owner Furnished Material, Deduct	*-10,940.71*	
33 19 16 23-0015	EA	10" Diameter, 0 - 5,500 GPM Horizontal Turbine Meter, Flanged	16,963.82	593.34
		For Owner Furnished Material, Deduct	*-15,480.48*	
33 19 16 23-0016	EA	12" Diameter, 0 - 6,600 GPM Horizontal Turbine Meter, Flanged	20,478.24	935.56
		For Owner Furnished Material, Deduct	*-18,139.86*	

33 19 19 Compound Water Meters *(33 19)*

33 19 19 00-0001 Flanged Compound Type Water Service Meter *(33 19 19)*

33 19 19 00-0002	EA	2" Diameter, 0 To 160 GPM, Flanged And Bronze, Compound Type Water Service Meter	4,255.85	141.23
		For Owner Furnished Material, Deduct	*-4,079.26*	
33 19 19 00-0003	EA	3" Diameter, 0 To 320 GPM, Flanged And Bronze, Compound Type Water Service Meter	5,182.47	180.12
		For Owner Furnished Material, Deduct	*-4,731.64*	
33 19 19 00-0004	EA	4" Diameter, 0 To 500 GPM, Flanged And Bronze, Compound Type Water Service Meter	8,567.00	281.84
		For Owner Furnished Material, Deduct	*-7,863.04*	
33 19 19 00-0005	EA	6" Diameter, 0 To 1,000 GPM, Flanged And Bronze, Compound Type Water Service Meter	11,982.11	381.43
		For Owner Furnished Material, Deduct	*-11,025.14*	
33 19 19 00-0006	EA	8" Diameter, 0 To 1,600 GPM, Flanged And Bronze, Compound Type Water Service Meter	24,619.68	487.38
		For Owner Furnished Material, Deduct	*-23,408.75*	
33 19 19 00-0007	EA	10" Diameter, 0 To 2,500 GPM, Flanged And Bronze, Compound Type Water Service Meter	42,160.84	593.34
		For Owner Furnished Material, Deduct	*-40,677.50*	

33 19 23 Magnetic Water Meters *(33 19)*

33 19 23 00-0001 Flanged Electromagnetic Flow (EMF) Water Meter *(33 19 23)*

33 19 23 00-0002	EA	2" Diameter, Flanged, Stainless Steel, Electromagnetic Flow (EMF) Water Meter (Sensus Accu-MAG)	8,729.22	141.23
33 19 23 00-0003	EA	3" Diameter, Flanged, Stainless Steel, Electromagnetic Flow (EMF) Water Meter (Sensus Accu-MAG)	12,296.81	180.12
33 19 23 00-0004	EA	4" Diameter, Flanged, Stainless Steel, Electromagnetic Flow (EMF) Water Meter (Sensus Accu-MAG)	14,107.31	281.84

33 19 26 Ultrasonic Water Meters *(33 19)*

33 19 26 00-0001 Ultrasonic Water Service Meters (Mastermeter Octive) *(33 19 26)*

33 19 26 00-0002	EA	3" Diameter, Ductile Iron Body, Flanged, Ultrasonic Water Meter (Mastermeter Octive)	4,393.33	180.12

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 19 26 00-0003	EA	4" Diameter, Ductile Iron Body, Flanged, Ultrasonic Water Meter (Mastermeter Octive)	5,054.31	281.84
33 19 26 00-0004	EA	6" Diameter, Ductile Iron Body, Flanged, Ultrasonic Water Meter (Mastermeter Octive)	7,441.71	381.43
33 19 26 00-0005	EA	8" Diameter, Ductile Iron Body, Flanged, Ultrasonic Water Meter (Mastermeter Octive)	10,727.32	487.38

33 30 Sanitary Sewerage Utilities *(33)*

33 31 Sanitary Sewerage Piping *(33 30)*

33 31 11 Public Sanitary Sewerage Gravity Piping *(33 31)*

Note: Piping includes hydrostatic testing, disinfecting and warning tape. Excludes excavation and backfill. See CSI section 31 23 16 00-0000 for excavation.

33 31 11 00-0001 Cast Iron Service Saddles With U Bolt *(33 31 11)*

33 31 11 00-0002	EA	2" Diameter x 2" Tapped Tee Cast Iron Service Saddles With U Bolt	125.00	
33 31 11 00-0003	EA	3" Diameter x 1-1/2" Tapped Tee Cast Iron Service Saddles With U Bolt	125.67	
33 31 11 00-0004	EA	3" Diameter x 2" Tapped Tee Cast Iron Service Saddles With U Bolt	138.31	
33 31 11 00-0005	EA	4" Diameter x 1-1/2" Tapped Tee Cast Iron Service Saddles With U Bolt	133.86	
33 31 11 00-0006	EA	4" Diameter x 2" Hub Tee Cast Iron Service Saddles With U Bolt	151.09	
33 31 11 00-0007	EA	4" Diameter x 3" Hub Tee Cast Iron Service Saddles With U Bolt	170.00	
33 31 11 00-0008	EA	4" Diameter x 4" Hub Tee Cast Iron Service Saddles With U Bolt	201.40	
33 31 11 00-0009	EA	6" Diameter x 2" Hub Tee Cast Iron Service Saddles With U Bolt	170.51	
33 31 11 00-0010	EA	6" Diameter x 3" Hub Tee Cast Iron Service Saddles With U Bolt	186.40	
33 31 11 00-0011	EA	6" Diameter x 4" Hub Tee Cast Iron Service Saddles With U Bolt	214.99	
33 31 11 00-0012	EA	2" Diameter x 2" Tapped Wye Cast Iron Service Saddle With U Bolt	175.34	
33 31 11 00-0013	EA	4" Diameter x 1-1/2" Tapped Wye Cast Iron Service Saddle With U Bolt	137.65	
33 31 11 00-0014	EA	4" Diameter x 2" Tapped Wye Cast Iron Service Saddle With U Bolt	150.28	
33 31 11 00-0015	EA	4" Diameter x 3" Hub Wye Cast Iron Service Saddle With U Bolt	178.86	
33 31 11 00-0016	EA	4" Diameter x 4" Hub Wye Cast Iron Service Saddle With U Bolt	212.28	
33 31 11 00-0017	EA	6" Diameter x 4" Hub Wye Cast Iron Service Saddle With U Bolt	228.55	

33 31 11 00-0018 Plastic Sewer And Drain Piping *(33 31 11)*

33 31 11 00-0019 Schedule 40 Polyvinyl Chloride (PVC) Sewer And Drain Pipe *(33 31 11 00-0018)*

33 31 11 00-0020	LF	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Sewer And Drain Pipe	12.01	4.67
33 31 11 00-0021	LF	2" Schedule 40 Polyvinyl Chloride (PVC) Sewer And Drain Pipe	14.64	5.51
33 31 11 00-0022	LF	3" Schedule 40 Polyvinyl Chloride (PVC) Sewer And Drain Pipe	20.82	6.67
33 31 11 00-0023	LF	4" Schedule 40 Polyvinyl Chloride (PVC) Sewer And Drain Pipe	26.35	7.78
33 31 11 00-0024	LF	6" Schedule 40 Polyvinyl Chloride (PVC) Sewer And Drain Pipe	36.94	9.04
33 31 11 00-0025	LF	8" Schedule 40 Polyvinyl Chloride (PVC) Sewer And Drain Pipe	50.40	10.52
33 31 11 00-0026	LF	10" Schedule 40 Polyvinyl Chloride (PVC) Sewer And Drain Pipe	70.77	10.89
33 31 11 00-0027	LF	12" Schedule 40 Polyvinyl Chloride (PVC) Sewer And Drain Pipe	94.60	11.28

33 31 11 00-0028 Belled End Polyvinyl Chloride (PVC) Sewer And Drain Pipe *(33 31 11 00-0018)*

Note: D-2729 PVC pipe.

33 31 11 00-0029	LF	3" Belled End Polyvinyl Chloride (PVC) Sewer And Drain Pipe	15.67	6.67
33 31 11 00-0030	LF	4" Belled End Polyvinyl Chloride (PVC) Sewer And Drain Pipe	18.48	7.78
33 31 11 00-0031	LF	6" Belled End Polyvinyl Chloride (PVC) Sewer And Drain Pipe	23.84	9.04

33 31 11 00-0032 Polyvinyl Chloride (PVC) Sewer And Drain Fittings *(33 31 11 00-0018)*

33 31 11 00-0033 1/4 Bends, Polyvinyl Chloride (PVC) Sewer And Drain *(33 31 11 00-0032)*

33 31 11 00-0034	EA	1-1/2" 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	29.82	14.81
33 31 11 00-0035	EA	2" 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	38.33	19.15
33 31 11 00-0036	EA	3" 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	68.64	25.71
33 31 11 00-0037	EA	4" 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	108.22	29.72
33 31 11 00-0038	EA	6" 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	445.53	38.63
33 31 11 00-0039	EA	8" 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	741.75	51.99
33 31 11 00-0040	EA	10" 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	979.10	69.23

33 31 11 00-0041 1/8 Bends, Polyvinyl Chloride (PVC) Sewer And Drain *(33 31 11 00-0032)*

33 31 11 00-0042	EA	1-1/2" 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	31.58	14.81
33 31 11 00-0043	EA	2" 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	38.19	19.15
33 31 11 00-0044	EA	3" 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	66.01	25.71
33 31 11 00-0045	EA	4" 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	95.33	29.72
33 31 11 00-0046	EA	6" 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	412.73	38.63
33 31 11 00-0047	EA	8" 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	665.52	51.99
33 31 11 00-0048	EA	10" 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	754.87	69.23
33 31 11 00-0049	EA	12" 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	1,123.89	92.21

33 31 11 00-0050 Long Sweep 1/4 Bends, Polyvinyl Chloride (PVC) Sewer And Drain *(33 31 11 00-0032)*

33 31 11 00-0051	EA	1-1/2" Long Sweep 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	51.20	14.59
33 31 11 00-0052	EA	2" Long Sweep 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	50.63	19.15
33 31 11 00-0053	EA	3" Long Sweep 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	100.27	25.71
33 31 11 00-0054	EA	4" Long Sweep 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	166.20	29.72
33 31 11 00-0055	EA	6" Long Sweep 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	333.54	38.63

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 31 11 00-0056	EA	8" Long Sweep 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	594.57	51.99
33 31 11 00-0057	EA	10" Long Sweep 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	976.46	69.23
33 31 11 00-0058	EA	12" Long Sweep 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	1,482.49	92.21
33 31 11 00-0059		**1/16 Bends, Polyvinyl Chloride (PVC) Sewer And Drain** *(33 31 11 00-0032)*		
33 31 11 00-0060	EA	1-1/2" 1/16 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	35.33	14.81
33 31 11 00-0061	EA	2" 1/16 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	41.99	19.15
33 31 11 00-0062	EA	3" 1/16 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	76.96	25.71
33 31 11 00-0063	EA	4" 1/16 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	115.65	29.72
33 31 11 00-0064	EA	6" 1/16 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	554.63	38.63
33 31 11 00-0065	EA	8" 1/16 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	900.57	51.99
33 31 11 00-0066	EA	10" 1/16 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	1,015.26	69.23
33 31 11 00-0067	EA	12" 1/16 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	1,037.10	92.21
33 31 11 00-0068		**Reducers, Polyvinyl Chloride (PVC) Sewer And Drain** *(33 31 11 00-0032)*		
33 31 11 00-0069	EA	2" x 1-1/2" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain	40.61	16.89
33 31 11 00-0070	EA	3" x 1-1/2" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain	78.88	20.17
33 31 11 00-0071	EA	3" x 2" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain	74.09	22.24
33 31 11 00-0072	EA	4" x 2" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain	117.03	24.31
33 31 11 00-0073	EA	4" x 3" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain	125.59	27.58
33 31 11 00-0074	EA	6" x 4" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain	392.83	34.14
33 31 11 00-0075	EA	8" x 6" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain	839.10	45.27
33 31 11 00-0076	EA	10" x 4" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain	236.48	49.43
33 31 11 00-0077	EA	10" x 6" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain	334.08	53.91
33 31 11 00-0078	EA	10" x 8" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain	308.09	60.55
33 31 11 00-0079	EA	12" x 6" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain	869.56	65.44
33 31 11 00-0080	EA	12" x 8" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain	918.02	72.08
33 31 11 00-0081	EA	12" x 10" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain	971.50	80.72
33 31 11 00-0082		**Sanitary Tees, Polyvinyl Chloride (PVC) Sewer And Drain** *(33 31 11 00-0032)*		
33 31 11 00-0083	EA	1-1/2" Sanitary Tee, Polyvinyl Chloride (PVC) Sewer And Drain	47.14	22.38
33 31 11 00-0084	EA	2" Sanitary Tee, Polyvinyl Chloride (PVC) Sewer And Drain	62.80	28.94
33 31 11 00-0085	EA	3" Sanitary Tee, Polyvinyl Chloride (PVC) Sewer And Drain	109.15	38.18
33 31 11 00-0086	EA	4" Sanitary Tee, Polyvinyl Chloride (PVC) Sewer And Drain	169.91	47.42
33 31 11 00-0087	EA	6" Sanitary Tee, Polyvinyl Chloride (PVC) Sewer And Drain	652.75	51.99
33 31 11 00-0088	EA	8" Sanitary Tee, Polyvinyl Chloride (PVC) Sewer And Drain	847.00	69.23
33 31 11 00-0089		**Wyes, Polyvinyl Chloride (PVC) Sewer And Drain** *(33 31 11 00-0032)*		
33 31 11 00-0090	EA	1-1/2" Wye, Polyvinyl Chloride (PVC) Sewer And Drain	60.75	22.38
33 31 11 00-0091	EA	2" Wye, Polyvinyl Chloride (PVC) Sewer And Drain	70.72	28.94
33 31 11 00-0092	EA	3" Wye, Polyvinyl Chloride (PVC) Sewer And Drain	119.25	38.18
33 31 11 00-0093	EA	4" Wye, Polyvinyl Chloride (PVC) Sewer And Drain	186.45	47.42
33 31 11 00-0094	EA	6" Wye, Polyvinyl Chloride (PVC) Sewer And Drain	590.67	51.99
33 31 11 00-0095	EA	8" Wye, Polyvinyl Chloride (PVC) Sewer And Drain	729.08	69.23
33 31 11 00-0096	EA	10" Wye, Polyvinyl Chloride (PVC) Sewer And Drain	958.89	92.39
33 31 11 00-0097	EA	12" Wye, Polyvinyl Chloride (PVC) Sewer And Drain	1,517.39	123.30
33 31 11 00-0098		**Reducing Wyes, Polyvinyl Chloride (PVC) Sewer And Drain** *(33 31 11 00-0032)*		
33 31 11 00-0099	EA	2" x 1-1/2" x 1-1/2" Reducing Wye, Polyvinyl Chloride (PVC) Sewer And Drain	82.13	22.38
33 31 11 00-0100	EA	2" x 2" x 1" Reducing Wye, Polyvinyl Chloride (PVC) Sewer And Drain	91.51	28.94
33 31 11 00-0101	EA	3" x 3" x 2" Reducing Wye, Polyvinyl Chloride (PVC) Sewer And Drain	105.20	38.18
33 31 11 00-0102	EA	4" x 4" x 2" Reducing Wye, Polyvinyl Chloride (PVC) Sewer And Drain	163.76	47.42
33 31 11 00-0103	EA	4" x 4" x 3" Reducing Wye, Polyvinyl Chloride (PVC) Sewer And Drain	179.27	47.42
33 31 11 00-0104		**Double Wyes, Polyvinyl Chloride (PVC) Sewer And Drain** *(33 31 11 00-0032)*		
33 31 11 00-0105	EA	1-1/2" Double Wye, Polyvinyl Chloride (PVC) Sewer And Drain	101.32	28.94
33 31 11 00-0106	EA	2" Double Wye, Polyvinyl Chloride (PVC) Sewer And Drain	131.84	38.18
33 31 11 00-0107	EA	3" Double Wye, Polyvinyl Chloride (PVC) Sewer And Drain	269.79	51.54
33 31 11 00-0108	EA	4" Double Wye, Polyvinyl Chloride (PVC) Sewer And Drain	483.85	62.34
33 31 11 00-0109	EA	2" x 2" x 1-1/2" x 1-1/2 Double Wye, Polyvinyl Chloride (PVC) Sewer And Drain	125.40	38.18
33 31 11 00-0110	EA	3" x 3" x 2" x 2" Double Wye, Polyvinyl Chloride (PVC) Sewer And Drain	220.59	51.54
33 31 11 00-0111	EA	4" x 4" x 3" x 3" Double Wye, Polyvinyl Chloride (PVC) Sewer And Drain	402.60	62.34
33 31 11 00-0112		**Combination Wye And 1/8 Bends, Polyvinyl Chloride (PVC) Sewer And Drain** *(33 31 11 00-0032)*		
33 31 11 00-0113	EA	1-1/2" Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	77.74	22.38
33 31 11 00-0114	EA	2" Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	97.22	28.94
33 31 11 00-0115	EA	3" Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	198.89	38.18
33 31 11 00-0116	EA	4" Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	365.06	47.42
33 31 11 00-0117	EA	2" x 2" x 1-1/2" Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	154.90	28.94
33 31 11 00-0118	EA	3" x 3" x 1-1/2" Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	251.14	38.18
33 31 11 00-0119	EA	3" x 3" x 2" Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	178.46	38.18

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 31 11 00-0120	EA	4" x 4" x 2" Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	340.57	47.42
33 31 11 00-0121	EA	4" x 4" x 3" Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	362.97	47.42
33 31 11 00-0122		**Double Combination Wye And 1/8 Bends, Polyvinyl Chloride (PVC) Sewer And Drain** *(33 31 11 00-0032)*		
33 31 11 00-0123	EA	1-1/2" Double Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	114.49	28.94
33 31 11 00-0124	EA	2" Double Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	133.31	38.18
33 31 11 00-0125	EA	3" Double Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	209.32	51.54
33 31 11 00-0126	EA	4" Double Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	789.26	62.34
33 31 11 00-0127	EA	6" Double Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	2,629.38	69.01
33 31 11 00-0128		**Cleanout Tees With Plug, Polyvinyl Chloride (PVC) Sewer And Drain** *(33 31 11 00-0032)*		
33 31 11 00-0129	EA	4" Polyvinyl Chloride (PVC) Cleanout Tees With Plug, Sewer And Drain	615.57	123.27
33 31 11 00-0130	EA	6" Polyvinyl Chloride (PVC) Cleanout Tees With Plug, Sewer And Drain	1,489.86	159.03
33 31 11 00-0131	EA	8" Polyvinyl Chloride (PVC) Cleanout Tees With Plug, Sewer And Drain	1,894.22	224.10
33 31 11 00-0132	EA	10" Polyvinyl Chloride (PVC) Cleanout Tees With Plug, Sewer And Drain	2,607.23	360.49
33 31 11 00-0133		**Couplings, Polyvinyl Chloride (PVC) Sewer And Drain** *(33 31 11 00-0032)*		
33 31 11 00-0134	EA	1-1/2" Coupling, Polyvinyl Chloride (PVC) Sewer And Drain	28.91	14.81
33 31 11 00-0135	EA	2" Coupling, Polyvinyl Chloride (PVC) Sewer And Drain	35.96	19.04
33 31 11 00-0136	EA	3" Coupling, Polyvinyl Chloride (PVC) Sewer And Drain	57.37	25.49
33 31 11 00-0137	EA	4" Coupling, Polyvinyl Chloride (PVC) Sewer And Drain	75.89	29.72
33 31 11 00-0138	EA	6" Coupling, Polyvinyl Chloride (PVC) Sewer And Drain	231.07	38.63
33 31 11 00-0139	EA	8" Coupling, Polyvinyl Chloride (PVC) Sewer And Drain	577.91	51.99
33 31 11 00-0140	EA	10" Coupling, Polyvinyl Chloride (PVC) Sewer And Drain	878.68	69.23
33 31 11 00-0141	EA	12" Coupling, Polyvinyl Chloride (PVC) Sewer And Drain	1,458.26	92.21
33 31 11 00-0142		**Adapters, Polyvinyl Chloride (PVC) Sewer And Drain** *(33 31 11 00-0032)*		
33 31 11 00-0143	EA	4" Male, Plastic Pipe x Malleable Iron Pipe Adapter, Drain And Sewer Fitting	138.95	74.38
33 31 11 00-0144	EA	2" x 3" x 3" Downspout Adapter, Drain And Sewer Fitting	94.10	56.58
33 31 11 00-0145	EA	2" x 3" x 4" Downspout Adapter, Drain And Sewer Fitting	98.11	56.58
33 31 11 00-0146	EA	3" x 4" x 4" Downspout Adapter, Drain And Sewer Fitting	108.72	56.58
33 31 11 00-0147	EA	4" Hub, Cast Iron Pipe x Plastic Pipe Adapter, Drain And Sewer Fitting	141.86	74.38
33 31 11 00-0148	EA	4" Spigot, Clay Pipe x Plastic Pipe Adapter, Drain And Sewer Fitting	133.37	74.38
33 31 11 00-0149	EA	4" Spigot, Fiberglass Pipe x Plastic Pipe Adapter, Drain And Sewer Fitting	119.41	74.38
33 31 11 00-0150	EA	4" Drain Grate, Drain And Sewer Fitting	67.76	38.25
33 31 11 00-0151		**Caps, Polyvinyl Chloride (PVC) Sewer And Drain** *(33 31 11 00-0032)*		
33 31 11 00-0152	EA	3" Cap, Polyvinyl Chloride (PVC) Drain And Sewer Fitting	48.21	15.92
33 31 11 00-0153	EA	4" Cap, Polyvinyl Chloride (PVC) Drain And Sewer Fitting	84.89	19.82
33 31 11 00-0154	EA	6" Cap, Polyvinyl Chloride (PVC) Drain And Sewer Fitting	170.38	25.60
33 31 11 00-0155		**Plug Cleanout, Polyvinyl Chloride (PVC) Sewer And Drain** *(33 31 11 00-0032)*		
33 31 11 00-0156	EA	1-1/2" Plug Cleanout, Polyvinyl Chloride (PVC) Sewer And Drain	27.06	14.81
33 31 11 00-0157	EA	2" Plug Cleanout, Polyvinyl Chloride (PVC) Sewer And Drain	35.34	19.15
33 31 11 00-0158	EA	3" Plug Cleanout, Polyvinyl Chloride (PVC) Sewer And Drain	54.40	25.71
33 31 11 00-0159	EA	4" Plug Cleanout, Polyvinyl Chloride (PVC) Sewer And Drain	74.86	29.72
33 31 11 00-0160	EA	6" Plug Cleanout, Polyvinyl Chloride (PVC) Sewer And Drain	138.06	38.63
33 31 11 00-0161	EA	8" Plug Cleanout, Polyvinyl Chloride (PVC) Sewer And Drain	593.54	51.99
33 31 11 00-0162		**Gasketed SDR 35 Polyvinyl Chloride (PVC) Fittings** *(33 31 11 00-0018)* Note: ASTM 3034.		
33 31 11 00-0163		**1/4 Bends, Gasketed SDR 35 Polyvinyl Chloride (PVC)** *(33 31 11 00-0162)*		
33 31 11 00-0164	EA	4" 1/4 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC)	88.73	28.22
33 31 11 00-0165		**1/8 Bends, Gasketed SDR 35 Polyvinyl Chloride (PVC)** *(33 31 11 00-0162)*		
33 31 11 00-0166	EA	15" 1/8 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC)	1,719.68	78.75
33 31 11 00-0167	EA	18" 1/8 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC)	2,728.32	111.56
33 31 11 00-0168	EA	21" 1/8 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC)	4,551.85	147.65
33 31 11 00-0169	EA	24" 1/8 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC)	6,206.47	196.87
33 31 11 00-0170		**Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC)** *(33 31 11 00-0162)*		
33 31 11 00-0171	EA	6" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC)	242.98	49.21
33 31 11 00-0172	EA	8" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC)	588.38	56.11
33 31 11 00-0173	EA	10" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC)	1,643.94	65.62
33 31 11 00-0174	EA	12" x 10" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC)	2,026.18	77.65
33 31 11 00-0175	EA	12" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC)	2,283.38	83.67

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 31 11 00-0176		**Wyes, Gasketed SDR 35 Polyvinyl Chloride (PVC)** *(33 31 11 00-0162)*		
33 31 11 00-0177	EA	15" x 10" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	2,000.88	100.63
33 31 11 00-0178	EA	15" x 12" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	2,219.87	106.64
33 31 11 00-0179	EA	15" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	2,775.46	118.12
33 31 11 00-0180		**Couplings, Gasketed SDR 35 Polyvinyl Chloride (PVC)** *(33 31 11 00-0162)*		
33 31 11 00-0181	EA	15" Coupling, Gasketed SDR 35 Polyvinyl Chloride (PVC)	1,057.69	78.75
33 31 11 00-0182	EA	18" Coupling, Gasketed SDR 35 Polyvinyl Chloride (PVC)	1,989.39	111.56
33 31 11 00-0183	EA	21" Coupling, Gasketed SDR 35 Polyvinyl Chloride (PVC)	3,319.62	147.65
33 31 11 00-0184	EA	24" Coupling, Gasketed SDR 35 Polyvinyl Chloride (PVC)	4,805.58	196.87
33 31 11 00-0185		**Increaser, Gasketed SDR 35 Polyvinyl Chloride (PVC)** *(33 31 11 00-0162)*		
33 31 11 00-0186	EA	15" x 12" Increaser, Gasketed SDR 35 Polyvinyl Chloride (PVC)	1,458.19	67.26
33 31 11 00-0187		**Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)** *(33 31 11 00-0162)*		
33 31 11 00-0188	EA	6" x 4" Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	139.32	
33 31 11 00-0189	EA	8" x 4" Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	184.03	
33 31 11 00-0190	EA	8" x 6" Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	188.13	
33 31 11 00-0191	EA	10" x 4" Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	311.37	
33 31 11 00-0192	EA	10" x 6" Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	328.56	
33 31 11 00-0193	EA	10" x 8" Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	624.21	
33 31 11 00-0194	EA	12" x 4" Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	354.67	
33 31 11 00-0195	EA	12" x 6" Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	386.89	
33 31 11 00-0196	EA	12" x 8" Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	864.21	
33 31 11 00-0197	EA	12" x 10" Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	1,019.33	
33 31 11 00-0198	EA	15" x 4" Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	407.02	
33 31 11 00-0199	EA	15" x 6" Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	435.13	
33 31 11 00-0200		**Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)** *(33 31 11 00-0162)*		
33 31 11 00-0201	EA	6" x 4" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	148.95	
33 31 11 00-0202	EA	8" x 4" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	184.03	
33 31 11 00-0203	EA	8" x 6" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	201.23	
33 31 11 00-0204	EA	10" x 4" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	285.88	
33 31 11 00-0205	EA	10" x 6" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	326.50	
33 31 11 00-0206	EA	10" x 8" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	495.88	
33 31 11 00-0207	EA	12" x 4" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	352.63	
33 31 11 00-0208	EA	12" x 6" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	384.94	
33 31 11 00-0209	EA	12" x 8" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	576.88	
33 31 11 00-0210	EA	12" x 10" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	702.15	
33 31 11 00-0211	EA	15" x 4" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	405.75	
33 31 11 00-0212	EA	15" x 6" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	425.60	
33 31 11 00-0213	EA	15" x 8" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	709.41	
33 31 11 00-0214	EA	15" x 10" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	785.01	
33 31 11 00-0215	EA	15" x 12" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	1,109.92	
33 31 11 00-0216		**Couplings And Plug Fittings** *(33 31 11)*		
33 31 11 00-0217		**Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Couplings** *(33 31 11 00-0216)*		
		Note: For cast iron or plastic to cast iron to plastic pipe. Includes stainless steel clamps.		
33 31 11 00-0218	EA	1-1/2" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-150)	19.64	6.99
33 31 11 00-0219	EA	2" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-22)	21.49	8.16
33 31 11 00-0220	EA	3" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-33)	24.85	9.32
33 31 11 00-0221	EA	4" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-44)	28.16	9.91
33 31 11 00-0222	EA	5" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-55)	34.46	10.49
33 31 11 00-0223	EA	6" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-66)	40.79	11.66
33 31 11 00-0224	EA	8" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-88)	51.87	12.82
33 31 11 00-0225	EA	10" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-1010)	64.03	13.40
33 31 11 00-0226	EA	12" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-1212)	105.72	13.99
33 31 11 00-0227	EA	15" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-1515)	143.92	15.16
33 31 11 00-0228	EA	18" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-1818)	277.51	15.73
33 31 11 00-0229	EA	21" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-2121)	322.43	16.62
33 31 11 00-0230	EA	24" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-2424)	357.20	17.49
33 31 11 00-0231	EA	27" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-2727)	427.92	18.66

33 34 Onsite Wastewater Disposal *(33 30)*

Note: Excludes distribution field piping, trenching or excavation.

33 34 13 Septic Tanks *(33 34)*

33 34 13 13 Concrete Septic Tanks *(33 34 13)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 34 13 13-0001		**Precast Concrete Septic Tank** *(33 34 13 13)* Note: Includes external coating.		
33 34 13 13-0002	EA	1,000 Gallon Precast Septic Tank	4,171.24	744.47
		For Non-Traffic Rated, Deduct	*-814.25*	
33 34 13 13-0003	EA	1,250 Gallon Precast Septic Tank	5,018.93	821.77
		For Non-Traffic Rated, Deduct	*-1,002.51*	
33 34 13 13-0004	EA	1,500 Gallon Precast Septic Tank	5,833.70	898.93
		For Non-Traffic Rated, Deduct	*-1,182.51*	
33 34 13 13-0005	EA	2,000 Gallon Precast Septic Tank	7,502.67	977.11
		For Non-Traffic Rated, Deduct	*-1,576.62*	
33 34 13 13-0006	EA	2,500 Gallon Precast Septic Tank	8,924.78	1,349.34
		For Non-Traffic Rated, Deduct	*-1,818.46*	
33 34 13 13-0007	EA	4,000 Gallon Precast Septic Tank	23,872.39	1,861.16
		For Non-Traffic Rated, Deduct	*-5,397.34*	
33 34 13 13-0008	EA	5,000 Gallon Precast Septic Tank	43,458.27	2,791.74
		For Non-Traffic Rated, Deduct	*-10,010.87*	
33 34 13 13-0009	EA	7,500 Gallon Precast Septic Tank	48,665.87	3,908.43
		For Non-Traffic Rated, Deduct	*-10,977.40*	
33 34 13 13-0010	EA	10,000 Gallon Precast Septic Tank	59,682.25	4,676.22
		For Non-Traffic Rated, Deduct	*-13,493.67*	
33 34 13 13-0011	EA	12,500 Gallon Precast Septic Tank	70,501.30	5,792.91
		For Non-Traffic Rated, Deduct	*-15,841.72*	
33 34 13 23		**Fiberglass Septic Tank** *(33 34 13)*		
33 34 13 23-0001		Fiberglass Septic Tank *(33 34 13 23)*		
33 34 13 23-0002	EA	1,000 Gallon Fiberglass Septic Tank	5,011.30	558.35
33 34 13 23-0003	EA	1,250 Gallon Fiberglass Septic Tank	5,885.15	744.47
33 34 13 23-0004	EA	1,500 Gallon Fiberglass Septic Tank	6,808.26	674.74
33 34 13 23-0005	EA	2,000 Gallon Fiberglass Septic Tank	11,457.26	730.44
33 34 13 23-0006	EA	2,500 Gallon Fiberglass Septic Tank	14,366.70	1,012.47
33 34 13 23-0007	EA	4,000 Gallon Fiberglass Septic Tank	22,819.92	1,395.86
33 34 13 23-0008	EA	5,000 Gallon Fiberglass Septic Tank	33,864.32	2,093.81
33 34 13 23-0009	EA	7,500 Gallon Fiberglass Septic Tank	46,488.15	2,931.32
33 34 13 23-0010	EA	10,000 Gallon Fiberglass Septic Tank	57,059.82	3,503.56
33 34 13 33		**Polyethylene Septic Tank** *(33 34 13)*		
33 34 13 33-0001		High Density Polyethylene (HDPE) Septic Tank *(33 34 13 33)*		
33 34 13 33-0002	EA	300 Gallon One Compartment One Manhole High Density Polyethylene (HDPE) Septic Tank	1,285.54	211.90
33 34 13 33-0003	EA	500 Gallon One Compartment One Manhole High Density Polyethylene (HDPE) Septic Tank	1,999.44	238.40
33 34 13 33-0004	EA	900 Gallon One Compartment Two Manhole High Density Polyethylene (HDPE) Septic Tank	2,789.19	291.37
33 34 13 33-0005	EA	1,000 Gallon One Compartment Two Manhole High Density Polyethylene (HDPE) Septic Tank	2,859.95	317.86
33 34 13 33-0006	EA	1,250 Gallon One Compartment Two Manhole High Density Polyethylene (HDPE) Septic Tank	3,319.65	344.35
33 34 13 33-0007	EA	1,500 Gallon One Compartment Two Manhole High Density Polyethylene (HDPE) Septic Tank	3,992.88	370.83
33 34 13 33-0008	EA	750 Gallon Two Compartment Two Manhole High Density Polyethylene (HDPE) Septic Tank	2,815.01	264.88
33 34 13 33-0009	EA	1,000 Gallon Two Compartment Two Manhole High Density Polyethylene (HDPE) Septic Tank	3,063.31	317.86
33 34 13 33-0010	EA	1,250 Gallon Two Compartment Two Manhole High Density Polyethylene (HDPE) Septic Tank	3,609.44	344.35
33 34 13 33-0011	EA	1,500 Gallon Two Compartment Two Manhole High Density Polyethylene (HDPE) Septic Tank	4,247.07	370.83
33 34 51		**Drainage Field System** *(33 34)*		
33 34 51 00-0001		Leaching Pit - Precast Concrete *(33 34 51)* Note: Includes external coating.		
33 34 51 00-0002	EA	3' Diameter, 3' High, Precast Concrete Leaching Pit	1,040.70	109.19
33 34 51 00-0003	EA	4' Diameter, 3' High, Precast Concrete Leaching Pit	1,471.88	155.10
33 34 51 00-0004	EA	6' Diameter, 3' High, Precast Concrete Leaching Pit	1,960.50	186.12
33 34 51 00-0005	EA	8' Diameter, 4' High, Precast Concrete Leaching Pit	3,186.98	310.19
33 34 51 00-0006	EA	10' Diameter, 4' High, Precast Concrete Leaching Pit	4,663.01	434.27
33 34 53		**Distribution Chambers** *(33 34)*		
33 34 53 13		**Drainage Field Concrete Distribution Chambers** *(33 34 53)*		
33 34 53 13-0001		Concrete Distribution Boxes *(33 34 53 13)* Note: Includes internal and external coating.		
33 34 53 13-0002	EA	3 Outlet Concrete Distribution Box	356.46	75.28
33 34 53 13-0003	EA	5 Outlet Concrete Distribution Box	414.54	90.34
33 34 53 13-0004	EA	8 Outlet Concrete Distribution Box	731.91	105.39
33 34 53 13-0005	EA	12 Outlet Concrete Distribution Box	1,449.33	180.68
33 34 53 13-0006		Leaching Field Chambers - Precast Concrete *(33 34 53 13)*		
33 34 53 13-0007	EA	Standard Leaching Field Chamber 13' x 3'-7" x 1'-4"	1,279.21	105.81
33 34 53 13-0008	EA	Heavy Duty Leaching Field Chamber 13' x 3'-9" x 1'-6"	1,562.55	144.29
33 34 56		**Drainage Field Dosing Chambers** *(33 34)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 34 56 00-0001		Dosing Siphon *(33 34 56)*		
33 34 56 00-0002	EA	Dosing Siphon With Electrical Connection And Solenoid Valve	5,966.90	
33 34 56 00-0003	EA	Solar Power Control For Dosing Siphon	4,102.00	
33 34 56 00-0004	EA	Electrical Power Control For Dosing Siphon	3,941.40	

33 40 Stormwater Utilities *(33)*

33 41 Subdrainage *(33 40)*

33 41 16 Subdrainage Piping *(33 41)*

33 41 16 13 Subdrainage Piping *(33 41 16)*

See CSI section 33 42 11 00-0159 for polyethylene drain pipe.

33 41 16 13-0001 Corrugated High Density Polyethylene (HDPE) Drainage Piping *(33 41 16 13)*

33 41 16 13-0002 Single Wall, Corrugated High Density Polyethylene (HDPE) Piping *(33 41 16 13-0001)*
Note: Excludes couplings and gaskets.

33 41 16 13-0003 Coupled, Single Wall, Corrugated High Density Polyethylene (HDPE) Piping *(33 41 16 13-0002)*

33 41 16 13-0004	LF	4" Coupled, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe	7.23	5.93
		For <100, Add	*1.25*	
		For >1,000, Deduct	*-0.66*	
33 41 16 13-0005	LF	6" Coupled, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe	9.24	6.35
		For <100, Add	*1.41*	
		For >1,000, Deduct	*-0.78*	
33 41 16 13-0006	LF	8" Coupled, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe	11.77	6.66
		For <100, Add	*1.59*	
		For >1,000, Deduct	*-0.92*	
33 41 16 13-0007	LF	10" Coupled, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe	16.32	6.87
		For <100, Add	*1.85*	
		For >1,000, Deduct	*-1.16*	
33 41 16 13-0008	LF	12" Coupled, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe	19.29	7.51
		For <100, Add	*2.09*	
		For >1,000, Deduct	*-1.34*	
33 41 16 13-0009	LF	15" Coupled, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe	25.62	8.47
		For <100, Add	*2.55*	
		For >1,000, Deduct	*-1.70*	
33 41 16 13-0010	LF	18" Coupled, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe	40.04	13.18
		For <100, Add	*3.98*	
		For >1,000, Deduct	*-2.66*	
33 41 16 13-0011	LF	24" Coupled, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe	56.40	14.47
		For <100, Add	*4.99*	
		For >1,000, Deduct	*-3.54*	

33 41 16 13-0012 Coupled, Perforated, Single Wall, Corrugated High Density Polyethylene (HDPE) Piping *(33 41 16 13-0002)*

33 41 16 13-0013	LF	4" Coupled, Perforated, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe	7.04	5.93
		For <100, Add	*1.24*	
		For >1,000, Deduct	*-0.65*	
33 41 16 13-0014	LF	6" Coupled, Perforated, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe	9.16	6.35
		For <100, Add	*1.41*	
		For >1,000, Deduct	*-0.78*	
33 41 16 13-0015	LF	8" Coupled, Perforated, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe	15.29	6.66
		For <100, Add	*1.76*	
		For >1,000, Deduct	*-1.10*	
33 41 16 13-0016	LF	10" Coupled, Perforated, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe	18.16	6.87
		For <100, Add	*1.94*	
		For >1,000, Deduct	*-1.25*	
33 41 16 13-0017	LF	12" Coupled, Perforated, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe	21.31	7.51
		For <100, Add	*2.19*	
		For >1,000, Deduct	*-1.44*	
33 41 16 13-0018	LF	15" Coupled, Perforated, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe	25.41	8.47
		For <100, Add	*2.54*	
		For >1,000, Deduct	*-1.69*	
33 41 16 13-0019	LF	18" Coupled, Perforated, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe	38.70	13.18
		For <100, Add	*3.91*	
		For >1,000, Deduct	*-2.59*	
33 41 16 13-0020	LF	24" Coupled, Perforated, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe	54.29	14.47
		For <100, Add	*4.89*	
		For >1,000, Deduct	*-3.44*	

33 41 16 13-0021 Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe Fittings *(33 41 16 13-0001)*
Note: Excludes couplings and gaskets.

33 41 16 13-0022 Tees, Single Wall, Corrugated High Density Polyethylene (HDPE) *(33 41 16 13-0021)*

33 41 16 13-0023	EA	4" Tee, Single Wall, Corrugated High Density Polyethylene (HDPE)	50.28	26.26
33 41 16 13-0024	EA	6" Tee, Single Wall, Corrugated High Density Polyethylene (HDPE)	59.96	30.64
33 41 16 13-0025	EA	8" Tee, Single Wall, Corrugated High Density Polyethylene (HDPE)	100.72	37.21

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 41 16 13-0026	EA	10" Tee, Single Wall, Corrugated High Density Polyethylene (HDPE)	129.80	45.96
33 41 16 13-0027	EA	12" Tee, Single Wall, Corrugated High Density Polyethylene (HDPE)	196.37	54.72
33 41 16 13-0028	EA	15" Tee, Single Wall, Corrugated High Density Polyethylene (HDPE)	439.30	71.50
33 41 16 13-0029	EA	18" Tee, Single Wall, Corrugated High Density Polyethylene (HDPE)	522.37	96.29
33 41 16 13-0030	EA	24" Tee, Single Wall, Corrugated High Density Polyethylene (HDPE)	1,008.13	109.43
33 41 16 13-0031		**Wyes, Single Wall, Corrugated High Density Polyethylene (HDPE)** *(33 41 16 13-0021)*		
33 41 16 13-0032	EA	4" Wye, Single Wall, Corrugated High Density Polyethylene (HDPE)	51.90	26.26
33 41 16 13-0033	EA	6" Wye, Single Wall, Corrugated High Density Polyethylene (HDPE)	65.27	30.64
33 41 16 13-0034	EA	8" Wye, Single Wall, Corrugated High Density Polyethylene (HDPE)	156.32	37.21
33 41 16 13-0035		**45 Degree Bends, Single Wall, Corrugated High Density Polyethylene (HDPE)** *(33 41 16 13-0021)*		
33 41 16 13-0036	EA	4" 45 Degree Bend, Single Wall, Corrugated High Density Polyethylene (HDPE)	34.07	17.51
33 41 16 13-0037		**90 Degree Bends, Single Wall, Corrugated High Density Polyethylene (HDPE)** *(33 41 16 13-0021)*		
33 41 16 13-0038	EA	4" 90 Degree Bend, Single Wall, Corrugated High Density Polyethylene (HDPE)	35.78	17.51
33 41 16 13-0039	EA	6" 90 Degree Bend, Single Wall, Corrugated High Density Polyethylene (HDPE)	46.85	20.43
33 41 16 13-0040	EA	8" 90 Degree Bend, Single Wall, Corrugated High Density Polyethylene (HDPE)	71.11	24.81
33 41 16 13-0041	EA	10" 90 Degree Bend, Single Wall, Corrugated High Density Polyethylene (HDPE)	94.27	30.64
33 41 16 13-0042		**Perforated Polyvinyl Chloride (PVC) Drainage Piping, D2729** *(33 41 16 13)* Note: Includes fittings, couplings, elbows, etc.		
33 41 16 13-0043	LF	4" Perforated Polyvinyl Chloride (PVC) Drainage Piping	9.80	4.48
		For <100, Add	*1.16*	
		For >1,000, Deduct	*-0.71*	
33 41 16 13-0044	LF	6" Perforated Polyvinyl Chloride (PVC) Drainage Piping	14.53	5.37
		For <100, Add	*1.53*	
		For >1,000, Deduct	*-1.00*	
33 41 16 13-0045	LF	8" Perforated Polyvinyl Chloride (PVC) Drainage Piping	23.82	6.71
		For <100, Add	*2.20*	
		For >1,000, Deduct	*-1.53*	
33 41 16 13-0046	LF	10" Perforated Polyvinyl Chloride (PVC) Drainage Piping	41.21	6.99
		For <100, Add	*3.11*	
		For >1,000, Deduct	*-2.41*	
33 41 16 13-0047	LF	12" Perforated Polyvinyl Chloride (PVC) Drainage Piping	53.45	7.63
		For <100, Add	*3.82*	
		For >1,000, Deduct	*-3.05*	
33 41 16 13-0048	LF	15" Perforated Polyvinyl Chloride (PVC) Drainage Piping	75.04	8.60
		For <100, Add	*5.04*	
		For >1,000, Deduct	*-4.18*	
33 41 16 13-0049		**Perforated Non-Reinforced Concrete Drainage Piping, C444** *(33 41 16 13)*		
33 41 16 13-0050	LF	6" Perforated Non-Reinforced Concrete Drainage Pipe	37.77	14.42
		For Extra Strength, Add	*2.02*	
		For >1,000, Deduct	*-1.89*	
33 41 16 13-0051	LF	8" Perforated Non-Reinforced Concrete Drainage Pipe	44.06	16.02
		For Extra Strength, Add	*2.49*	
		For >1,000, Deduct	*-2.20*	
33 41 16 13-0052	LF	10" Perforated Non-Reinforced Concrete Drainage Pipe	49.81	17.62
		For Extra Strength, Add	*2.89*	
		For >1,000, Deduct	*-2.49*	
33 41 16 13-0053	LF	12" Perforated Non-Reinforced Concrete Drainage Pipe	58.34	19.22
		For Extra Strength, Add	*3.63*	
		For >1,000, Deduct	*-2.92*	
33 41 16 13-0054		**Extra Strength Porous Non-Reinforced Concrete Drainage Piping, C654** *(33 41 16 13)* Note: Bell and spigot or tongue and groove. With seals and gaskets.		
33 41 16 13-0055	LF	6" Extra Strength Porous Non-Reinforced Concrete Drainage Pipe	31.52	14.42
		For >1,000, Deduct	*-1.58*	
33 41 16 13-0056	LF	8" Extra Strength Porous Non-Reinforced Concrete Drainage Pipe	34.89	16.02
		For >1,000, Deduct	*-1.74*	
33 41 16 13-0057	LF	10" Extra Strength Porous Non-Reinforced Concrete Drainage Pipe	38.48	17.62
		For >1,000, Deduct	*-1.92*	
33 41 16 13-0058	LF	12" Extra Strength Porous Non-Reinforced Concrete Drainage Pipe	43.85	18.32
		For >1,000, Deduct	*-2.19*	
33 41 16 13-0059	LF	15" Extra Strength Porous Non-Reinforced Concrete Drainage Pipe	50.86	20.60
		For >1,000, Deduct	*-2.54*	
33 41 16 13-0060	LF	18" Extra Strength Porous Non-Reinforced Concrete Drainage Pipe	62.95	26.33
		For >1,000, Deduct	*-3.15*	
33 41 16 13-0061	LF	21" Extra Strength Porous Non-Reinforced Concrete Drainage Pipe	78.66	33.77
		For >1,000, Deduct	*-3.93*	
33 41 16 13-0062	LF	24" Extra Strength Porous Non-Reinforced Concrete Drainage Pipe	95.89	41.20
		For >1,000, Deduct	*-4.79*	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 41 16 13-0063		**Standard Strength Porous Non-Reinforced Concrete Drainage Piping, C654** *(33 41 16 13)*		
33 41 16 13-0064	LF	6" Standard Strength Porous Non-Reinforced Concrete Drainage Pipe	29.46	14.42
		For >1,000, Deduct	*-1.47*	
33 41 16 13-0065	LF	8" Standard Strength Porous Non-Reinforced Concrete Drainage Pipe	37.17	16.02
		For >1,000, Deduct	*-1.86*	
33 41 16 13-0066	LF	10" Standard Strength Porous Non-Reinforced Concrete Drainage Pipe	46.75	17.62
		For >1,000, Deduct	*-2.34*	
33 41 16 13-0067	LF	12" Standard Strength Porous Non-Reinforced Concrete Drainage Pipe	56.51	19.22
		For >1,000, Deduct	*-2.83*	
33 41 16 13-0068	LF	15" Standard Strength Porous Non-Reinforced Concrete Drainage Pipe	64.66	21.40
		For >1,000, Deduct	*-3.23*	
33 41 16 13-0069	LF	18" Standard Strength Porous Non-Reinforced Concrete Drainage Pipe	83.68	26.68
		For >1,000, Deduct	*-4.18*	
33 41 16 13-0070		**Perforated Vitrified Clay Drainage Piping, C700** *(33 41 16 13)*		
33 41 16 13-0071	LF	4" Perforated Vitrified Clay Drainage Pipe	29.26	16.02
33 41 16 13-0072	LF	6" Perforated Vitrified Clay Drainage Pipe	34.79	18.02
33 41 16 13-0073	LF	8" Perforated Vitrified Clay Drainage Pipe	39.30	18.02
33 41 16 13-0074	LF	10" Perforated Vitrified Clay Drainage Pipe	52.36	22.03
33 41 16 13-0075	LF	12" Perforated Vitrified Clay Drainage Pipe	61.93	24.04
33 41 16 13-0076		**Geotextile Filter Fabric Sock** *(33 41 16 13)*		
33 41 16 13-0077	LF	3" Geotextile Filter Fabric Sock	0.92	
33 41 16 13-0078	LF	4" Geotextile Filter Fabric Sock	1.21	
33 41 16 13-0079	LF	6" Geotextile Filter Fabric Sock	1.83	
33 41 16 13-0080	LF	8" Geotextile Filter Fabric Sock	2.46	
33 41 16 13-0081	LF	10" Geotextile Filter Fabric Sock	3.64	
33 41 16 13-0082	LF	12" Geotextile Filter Fabric Sock	4.98	
33 41 16 13-0083	LF	15" Geotextile Filter Fabric Sock	5.93	
33 41 16 13-0084		**Strip-Perforated, Galvanized, Corrugated Steel Pipe** *(33 41 16 13)* Note: Perforations are located in the bottom quarter points of the pipe.		
33 41 16 13-0085	LF	6" Diameter, 16 Gauge, Strip-Perforated, Galvanized, Corrugated Steel Pipe	26.62	6.87
		For Full Perforated, Add	*1.29*	
33 41 16 13-0086	LF	8" Diameter, 16 Gauge, Strip-Perforated, Galvanized, Corrugated Steel Pipe	33.64	8.33
		For Full Perforated, Add	*1.70*	
33 41 16 13-0087	LF	10" Diameter, 16 Gauge, Strip-Perforated, Galvanized, Corrugated Steel Pipe	42.43	10.56
		For Full Perforated, Add	*2.13*	
33 41 16 13-0088	LF	12" Diameter, 16 Gauge, Strip-Perforated, Galvanized, Corrugated Steel Pipe	47.26	12.49
		For Full Perforated, Add	*2.23*	
33 41 16 13-0089	LF	15" Diameter, 16 Gauge, Strip-Perforated, Galvanized, Corrugated Steel Pipe	53.85	12.92
		For Full Perforated, Add	*2.80*	
33 41 16 13-0090	LF	18" Diameter, 16 Gauge, Strip-Perforated, Galvanized, Corrugated Steel Pipe	60.61	13.40
		For Full Perforated, Add	*3.38*	
33 41 16 13-0091	LF	21" Diameter, 16 Gauge, Strip-Perforated, Galvanized, Corrugated Steel Pipe	69.15	14.46
		For Full Perforated, Add	*4.02*	
33 41 16 13-0092		**Strip-Perforated, Aluminized Type 2, Corrugated Steel Pipe** *(33 41 16 13)* Note: Perforations are located in the bottom quarter points of the pipe.		
33 41 16 13-0093	LF	6" Diameter, 16 Gauge, Strip-Perforated, Aluminized Type 2, Corrugated Steel Pipe	28.69	6.87
		For Full Perforated, Add	*1.50*	
33 41 16 13-0094	LF	8" Diameter, 16 Gauge, Strip-Perforated, Aluminized Type 2, Corrugated Steel Pipe	36.45	8.33
		For Full Perforated, Add	*1.98*	
33 41 16 13-0095	LF	10" Diameter, 16 Gauge, Strip-Perforated, Aluminized Type 2, Corrugated Steel Pipe	45.86	10.56
		For Full Perforated, Add	*2.47*	
33 41 16 13-0096	LF	12" Diameter, 16 Gauge, Strip-Perforated, Aluminized Type 2, Corrugated Steel Pipe	50.59	12.49
		For Full Perforated, Add	*2.56*	
33 41 16 13-0097	LF	15" Diameter, 16 Gauge, Strip-Perforated, Aluminized Type 2, Corrugated Steel Pipe	57.97	12.92
		For Full Perforated, Add	*3.21*	
33 41 16 13-0098	LF	18" Diameter, 16 Gauge, Strip-Perforated, Aluminized Type 2, Corrugated Steel Pipe	65.50	13.40
		For Full Perforated, Add	*3.87*	
33 41 16 13-0099	LF	21" Diameter, 16 Gauge, Strip-Perforated, Aluminized Type 2, Corrugated Steel Pipe	74.85	14.46
		For Full Perforated, Add	*4.59*	
33 41 16 13-0100		**Strip-Perforated, Corrugated Aluminum Pipe** *(33 41 16 13)* Note: Perforations are located in the bottom quarter points of the pipe.		
33 41 16 13-0101	LF	6" Diameter, 16 Gauge, Strip-Perforated, Corrugated Aluminum Pipe	29.36	6.87
		For Full Perforated, Add	*1.56*	
33 41 16 13-0102	LF	8" Diameter, 16 Gauge, Strip-Perforated, Corrugated Aluminum Pipe	37.31	8.33
		For Full Perforated, Add	*2.07*	
33 41 16 13-0103	LF	10" Diameter, 16 Gauge, Strip-Perforated, Corrugated Aluminum Pipe	46.96	10.56
		For Full Perforated, Add	*2.58*	
33 41 16 13-0104	LF	12" Diameter, 16 Gauge, Strip-Perforated, Corrugated Aluminum Pipe	58.82	12.49
		For Full Perforated, Add	*3.38*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 41 16 13-0105	LF	15" Diameter, 16 Gauge, Strip-Perforated, Corrugated Aluminum Pipe	68.21	12.92
		For Full Perforated, Add	*4.24*	
33 41 16 13-0106	LF	18" Diameter, 16 Gauge, Strip-Perforated, Corrugated Aluminum Pipe	77.92	13.40
		For Full Perforated, Add	*5.11*	
33 41 16 13-0107	LF	21" Diameter, 16 Gauge, Strip-Perforated, Corrugated Aluminum Pipe	89.33	14.46
		For Full Perforated, Add	*6.04*	

33 41 16 13-0108 Prefabricated Composite Drains *(33 41 16 13)*

33 41 16 13-0109 Panel-Shaped, Oblong Corrugated HDPE Drainage Pipe (ADS AdvanEDGE) *(33 41 16 13-0108)*

Note: Excludes excavation and backfill. See CSI section 31 23 16 13-0000 for excavation and backfill.

33 41 16 13-0110	LF	12" Height, Panel-Shaped, Oblong Corrugated HDPE Drainage Pipe (ADS AdvanEDGE)	11.88	2.59
		For External Typar Geotextile Wrap, Add	*2.11*	
33 41 16 13-0111	EA	Coupler For 12" Height, Panel-Shaped, Oblong Corrugated HDPE Drainage Pipe (ADS AdvanEDGE)	54.17	
33 41 16 13-0112	EA	End Cap For 12" Height, Panel-Shaped, Oblong Corrugated HDPE Drainage Pipe (ADS AdvanEDGE)	54.17	
33 41 16 13-0113	EA	Side Outlet For 12" Height, Panel-Shaped, Oblong Corrugated HDPE Drainage Pipe (ADS AdvanEDGE)	103.02	
33 41 16 13-0114	EA	End Outlet For 12" Height, Panel-Shaped, Oblong Corrugated HDPE Drainage Pipe (ADS AdvanEDGE)	103.02	
33 41 16 13-0115	LF	18" Height, Panel-Shaped, Oblong Corrugated HDPE Drainage Pipe (ADS AdvanEDGE)	18.86	3.23
		For External Typar Geotextile Wrap, Add	*3.16*	
33 41 16 13-0116	EA	Coupler For 18" Height, Panel-Shaped, Oblong Corrugated HDPE Drainage Pipe (ADS AdvanEDGE)	79.25	
33 41 16 13-0117	EA	End Cap For 18" Height, Panel-Shaped, Oblong Corrugated HDPE Drainage Pipe (ADS AdvanEDGE)	79.25	
33 41 16 13-0118	EA	Side Outlet For 18" Height, Panel-Shaped, Oblong Corrugated HDPE Drainage Pipe (ADS AdvanEDGE)	134.72	
33 41 16 13-0119	EA	End Outlet For 18" Height, Panel-Shaped, Oblong Corrugated HDPE Drainage Pipe (ADS AdvanEDGE)	134.72	

33 41 19 Underslab Drainage *(33 41)*

33 41 19 13 Underslab Drainage Piping *(33 41 19)*

33 41 19 13-0001 Capillary Water Barrier Underslab Drainage *(33 41 19 13)*

Note: Consists of a layer of fine granular material overlying a coarse layer.

33 41 19 13-0002	CY	2" Stone Capillary Water Barrier (Compacted Thickness) Underslab Drainage	72.78
33 41 19 13-0003	CY	4" Stone Capillary Water Barrier (Compacted Thickness) Underslab Drainage	69.73
33 41 19 13-0004	CY	6" Stone Capillary Water Barrier (Compacted Thickness) Underslab Drainage	68.51
33 41 19 13-0005	CY	8" Stone Capillary Water Barrier (Compacted Thickness) Underslab Drainage	66.68

33 42 Stormwater Conveyance *(33 40)*

Note: Piping includes hydrostatic testing, disinfecting and warning tape. See CSI section 31 23 16 00-0000 for excavation.

33 42 11 Stormwater Gravity Piping *(33 42)*

33 42 11 00-0001 Reinforced Concrete Piping *(33 42 11)*

33 42 11 00-0002 Class 3 Reinforced Concrete Pipe Without Gaskets *(33 42 11 00-0001)*

33 42 11 00-0003	LF	12" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets	56.30	19.22
		For Installation In Tunnel (Includes Skids, Spacers And All Materials), Add	*11.12*	
		Note: Materials, Add		
		For Lining Tunnels, Add	*12.43*	
		For >1,000, Deduct	*-2.82*	
		For Class 4, Add	*2.74*	
		For Class 5, Add	*5.77*	
33 42 11 00-0004	LF	15" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets	67.48	21.40
		For Installation In Tunnel (Includes Skids, Spacers And All Materials), Add	*12.86*	
		Note: Materials, Add		
		For Lining Tunnels, Add	*14.07*	
		For >1,000, Deduct	*-3.37*	
		For Class 4, Add	*3.51*	
		For Class 5, Add	*7.38*	
33 42 11 00-0005	LF	18" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets	76.94	26.68
		For Installation In Tunnel (Includes Skids, Spacers And All Materials), Add	*15.32*	
		Note: Materials, Add		
		For Lining Tunnels, Add	*17.19*	
		For >1,000, Deduct	*-3.85*	
		For Class 4, Add	*3.69*	
		For Class 5, Add	*7.77*	
33 42 11 00-0006	LF	21" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets	98.54	33.65
		For Installation In Tunnel (Includes Skids, Spacers And All Materials), Add	*19.47*	
		Note: Materials, Add		
		For Lining Tunnels, Add	*21.75*	
		For >1,000, Deduct	*-4.93*	
		For Class 4, Add	*4.79*	
		For Class 5, Add	*10.09*	
33 42 11 00-0007	LF	24" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets	115.47	40.86
		For Installation In Tunnel (Includes Skids, Spacers And All Materials), Add	*23.22*	
		Note: Materials, Add		
		For Lining Tunnels, Add	*26.20*	
		For >1,000, Deduct	*-5.77*	
		For Class 4, Add	*5.42*	
		For Class 5, Add	*11.42*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0008	LF	27" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets	145.26	51.24
		For Installation In Tunnel (Includes Skids, Spacers And All Materials), Add	*29.16*	
		Note: Materials, Add		
		For Lining Tunnels, Add	*32.88*	
		For >1,000, Deduct	*-7.26*	
		For Class 4, Add	*6.85*	
		For Class 5, Add	*14.41*	
33 42 11 00-0009	LF	30" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets	154.42	52.91
		For Installation In Tunnel (Includes Skids, Spacers And All Materials), Add	*30.74*	
		Note: Materials, Add		
		For Lining Tunnels, Add	*34.49*	
		For >1,000, Deduct	*-7.72*	
		For Class 4, Add	*7.41*	
		For Class 5, Add	*15.59*	
33 42 11 00-0010	LF	36" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets	190.73	60.12
		For Installation In Tunnel (Includes Skids, Spacers And All Materials), Add	*36.08*	
		Note: Materials, Add		
		For Lining Tunnels, Add	*39.29*	
		For >1,000, Deduct	*-9.54*	
		For Class 4, Add	*10.04*	
		For Class 5, Add	*21.14*	
33 42 11 00-0011	LF	42" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets	246.51	66.14
		For Installation In Tunnel (Includes Skids, Spacers And All Materials), Add	*43.36*	
		Note: Materials, Add		
		For Lining Tunnels, Add	*45.06*	
		For >1,000, Deduct	*-12.33*	
		For Class 4, Add	*14.53*	
		For Class 5, Add	*30.59*	
33 42 11 00-0012	LF	48" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets	294.95	73.65
		For Installation In Tunnel (Includes Skids, Spacers And All Materials), Add	*50.54*	
		Note: Materials, Add		
		For Lining Tunnels, Add	*51.57*	
		For >1,000, Deduct	*-14.75*	
		For Class 4, Add	*18.03*	
		For Class 5, Add	*37.95*	
33 42 11 00-0013	LF	54" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets	366.60	84.16
		For Installation In Tunnel (Includes Skids, Spacers And All Materials), Add	*60.71*	
		Note: Materials, Add		
		For Lining Tunnels, Add	*60.41*	
		For >1,000, Deduct	*-18.33*	
		For Class 4, Add	*23.40*	
		For Class 5, Add	*49.27*	
33 42 11 00-0014	LF	60" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets	442.47	97.63
		For Installation In Tunnel (Includes Skids, Spacers And All Materials), Add	*72.14*	
		Note: Materials, Add		
		For Lining Tunnels, Add	*70.94*	
		For >1,000, Deduct	*-22.12*	
		For Class 4, Add	*28.78*	
		For Class 5, Add	*60.60*	

33 42 11 00-0015 Concrete Reducing Wye Without Gaskets *(33 42 11 00-0001)*

33 42 11 00-0016	EA	12" Concrete Reducing Wye Without Gaskets	674.74	73.25
33 42 11 00-0017	EA	15" Concrete Reducing Wye Without Gaskets	809.26	89.27
33 42 11 00-0018	EA	18" Concrete Reducing Wye Without Gaskets	999.17	98.43
33 42 11 00-0019	EA	21" Concrete Reducing Wye Without Gaskets	1,147.34	121.32
33 42 11 00-0020	EA	24" Concrete Reducing Wye Without Gaskets	1,297.29	146.50

33 42 11 00-0021 Concrete Pipe Joint Gaskets *(33 42 11 00-0001)*

33 42 11 00-0022	EA	12" Diameter Concrete Pipe Joint Gasket	6.39	
33 42 11 00-0023	EA	15" Diameter Concrete Pipe Joint Gasket	7.56	
33 42 11 00-0024	EA	18" Diameter Concrete Pipe Joint Gasket	8.76	
33 42 11 00-0025	EA	21" Diameter Concrete Pipe Joint Gasket	10.59	
33 42 11 00-0026	EA	24" Diameter Concrete Pipe Joint Gasket	12.41	
33 42 11 00-0027	EA	27" Diameter Concrete Pipe Joint Gasket	13.83	
33 42 11 00-0028	EA	30" Diameter Concrete Pipe Joint Gasket	15.19	
33 42 11 00-0029	EA	36" Diameter Concrete Pipe Joint Gasket	18.56	
33 42 11 00-0030	EA	42" Diameter Concrete Pipe Joint Gasket	21.52	
33 42 11 00-0031	EA	48" Diameter Concrete Pipe Joint Gasket	24.82	
33 42 11 00-0032	EA	54" Diameter Concrete Pipe Joint Gasket	30.42	
33 42 11 00-0033	EA	60" Diameter Concrete Pipe Joint Gasket	45.03	

33 42 11 00-0034 Precast Concrete Cut Off Wall *(33 42 11 00-0001)*

33 42 11 00-0035	EA	12" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	306.95	211.63
33 42 11 00-0036	EA	15" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	378.61	262.12
33 42 11 00-0037	EA	18" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	469.51	331.86
33 42 11 00-0038	EA	21" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	555.60	396.79
33 42 11 00-0039	EA	24" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	639.17	459.20
33 42 11 00-0040	EA	27" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	787.90	586.77
33 42 11 00-0041	EA	30" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	1,030.50	808.02
33 42 11 00-0042	EA	36" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	1,284.63	1,019.63
33 42 11 00-0043	EA	42" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	1,586.24	1,279.11

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0044	EA	48" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	1,775.30	1,441.67
33 42 11 00-0045	EA	54" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	1,982.06	1,616.02
33 42 11 00-0046	EA	60" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	2,191.73	1,795.18
33 42 11 00-0047	EA	66" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	2,277.42	1,863.72
33 42 11 00-0048	EA	72" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	2,352.80	1,923.84
33 42 11 00-0049	EA	78" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	2,428.17	1,983.96
33 42 11 00-0050	EA	84" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall	2,505.44	2,044.08

33 42 11 00-0051 Strap Assembly *(33 42 11 00-0001)*

Note: Includes drilling holes in concrete pipe, setting threaded rod, bolts, and mounting the 12' strap.

33 42 11 00-0052	EA	Up To 24" Diameter Pipe, 12' Strap Assembly	258.04	
33 42 11 00-0053	EA	>24" Diameter Pipe, 12' Strap Assembly	364.19	

33 42 11 00-0054 Prestressed Concrete Cylinder Piping *(33 42 11)*

33 42 11 00-0055 150 PSI Prestressed Concrete Cylinder Pipe And Fittings *(33 42 11 00-0054)*

33 42 11 00-0056 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets *(33 42 11 00-0055)*

Note: Lined-cylinder pipe (AWWA C301) up to 48". Embedded-cylinder pipe (AWWA C301) >48".

33 42 11 00-0057	LF	12" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets	151.67	19.22
		For Installation In Tunnel (Includes Skids, Spacers And All Materials), Add	*20.66*	
		For Lining Tunnels, Add	*17.20*	
		For >1,000, Deduct	*-7.58*	
		For 100 PSI, Deduct	*-31.05*	
33 42 11 00-0058	LF	15" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets	161.95	21.40
		For Installation In Tunnel (Includes Skids, Spacers And All Materials), Add	*22.31*	
		For Lining Tunnels, Add	*18.79*	
		For >1,000, Deduct	*-8.10*	
		For 100 PSI, Deduct	*-32.85*	
33 42 11 00-0059	LF	18" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets	176.69	26.68
		For Installation In Tunnel (Includes Skids, Spacers And All Materials), Add	*25.29*	
		For Lining Tunnels, Add	*22.17*	
		For >1,000, Deduct	*-8.83*	
		For 100 PSI, Deduct	*-34.65*	
33 42 11 00-0060	LF	21" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets	193.85	33.65
		For Installation In Tunnel (Includes Skids, Spacers And All Materials), Add	*29.00*	
		For Lining Tunnels, Add	*26.52*	
		For >1,000, Deduct	*-9.69*	
		For 100 PSI, Deduct	*-36.45*	
33 42 11 00-0061	LF	24" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets	211.34	40.86
		For Installation In Tunnel (Includes Skids, Spacers And All Materials), Add	*32.81*	
		For Lining Tunnels, Add	*31.00*	
		For >1,000, Deduct	*-10.57*	
		For 100 PSI, Deduct	*-38.24*	
33 42 11 00-0062	LF	30" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets	247.74	52.91
		For Installation In Tunnel (Includes Skids, Spacers And All Materials), Add	*40.07*	
		For Lining Tunnels, Add	*39.15*	
		For >1,000, Deduct	*-12.39*	
		For 100 PSI, Deduct	*-42.82*	
33 42 11 00-0063	LF	36" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets	274.58	60.12
		For Installation In Tunnel (Includes Skids, Spacers And All Materials), Add	*44.46*	
		For Lining Tunnels, Add	*43.48*	
		For >1,000, Deduct	*-13.73*	
		For 100 PSI, Deduct	*-47.39*	
33 42 11 00-0064	LF	42" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets	318.41	66.14
		For Installation In Tunnel (Includes Skids, Spacers And All Materials), Add	*50.55*	
		For Lining Tunnels, Add	*48.66*	
		For >1,000, Deduct	*-15.92*	
		For 100 PSI, Deduct	*-56.22*	
33 42 11 00-0065	LF	48" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets	365.38	73.65
		For Installation In Tunnel (Includes Skids, Spacers And All Materials), Add	*57.58*	
		For Lining Tunnels, Add	*55.09*	
		For >1,000, Deduct	*-18.27*	
		For 100 PSI, Deduct	*-65.04*	
33 42 11 00-0066	LF	54" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets	481.10	93.33
		For Installation In Tunnel (Includes Skids, Spacers And All Materials), Add	*74.78*	
		For Lining Tunnels, Add	*70.72*	
		For >1,000, Deduct	*-24.06*	
		For 100 PSI, Deduct	*-86.94*	
33 42 11 00-0067	LF	60" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets	579.56	108.26
		For Installation In Tunnel (Includes Skids, Spacers And All Materials), Add	*88.89*	
		For Lining Tunnels, Add	*83.11*	
		For >1,000, Deduct	*-28.98*	
		For 100 PSI, Deduct	*-106.23*	

33 42 11 00-0068 150 PSI Prestressed Concrete Cylinder 90 Degree Elbows With Gaskets *(33 42 11 00-0055)*

33 42 11 00-0069	EA	12" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	527.23	180.27
33 42 11 00-0070	EA	15" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	730.77	257.53
33 42 11 00-0071	EA	18" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	941.67	343.37
33 42 11 00-0072	EA	21" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	1,152.59	429.21
33 42 11 00-0073	EA	24" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	1,401.25	533.37
33 42 11 00-0074	EA	30" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	1,792.15	715.35

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0075	EA	36" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	2,205.98	841.68
33 42 11 00-0076	EA	42" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	2,569.39	982.36
33 42 11 00-0077	EA	48" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	2,894.91	1,121.84
33 42 11 00-0078	EA	54" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	3,563.97	1,400.80
33 42 11 00-0079	EA	60" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	4,607.41	1,866.59
33 42 11 00-0080		150 PSI Prestressed Concrete Cylinder 45 Degree Elbows With Gaskets *(33 42 11 00-0055)*		
33 42 11 00-0081	EA	12" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	493.89	180.27
33 42 11 00-0082	EA	15" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	687.63	257.53
33 42 11 00-0083	EA	18" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	890.68	343.37
33 42 11 00-0084	EA	21" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	1,093.76	429.21
33 42 11 00-0085	EA	24" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	1,334.57	533.37
33 42 11 00-0086	EA	30" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	1,700.63	667.28
33 42 11 00-0087	EA	36" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	2,101.39	841.68
33 42 11 00-0088	EA	42" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	2,448.46	982.36
33 42 11 00-0089	EA	48" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	2,764.83	1,121.84
33 42 11 00-0090	EA	54" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	3,375.42	1,400.80
33 42 11 00-0091	EA	60" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	4,431.33	1,866.59
33 42 11 00-0092		400 PSI Prestressed Concrete Cylinder Pipe With Regular Joints *(33 42 11 00-0054)*		
33 42 11 00-0093		400 PSI Lined Prestressed Concrete Cylinder Pipe With Regular Joints *(33 42 11 00-0092)*		
		Note: AWWA C301		
33 42 11 00-0094	LF	30" 400 PSI Lined Prestressed Concrete Cylinder Pipe With Regular Joints	290.73	52.91
		For >1,000, Deduct	*-14.54*	
33 42 11 00-0095	LF	36" 400 PSI Lined Prestressed Concrete Cylinder Pipe With Regular Joints	353.97	60.12
		For >1,000, Deduct	*-17.70*	
33 42 11 00-0096	LF	42" 400 PSI Lined Prestressed Concrete Cylinder Pipe With Regular Joints	412.66	66.14
		For >1,000, Deduct	*-20.63*	
33 42 11 00-0097		400 PSI Embedded Prestressed Concrete Cylinder Pipe With Regular Joints *(33 42 11 00-0092)*		
		Note: AWWA C301		
33 42 11 00-0098	LF	48" 400 PSI Embedded Prestressed Concrete Cylinder Pipe With Regular Joints	554.69	73.59
		For >1,000, Deduct	*-27.73*	
33 42 11 00-0099	LF	54" 400 PSI Embedded Prestressed Concrete Cylinder Pipe With Regular Joints	662.80	93.33
		For >1,000, Deduct	*-33.14*	
33 42 11 00-0100	LF	60" 400 PSI Embedded Prestressed Concrete Cylinder Pipe With Regular Joints	764.12	108.26
		For >1,000, Deduct	*-38.21*	
33 42 11 00-0101	LF	66" 400 PSI Embedded Prestressed Concrete Cylinder Pipe With Regular Joints	860.11	119.99
		For >1,000, Deduct	*-43.01*	
33 42 11 00-0102	LF	72" 400 PSI Embedded Prestressed Concrete Cylinder Pipe With Regular Joints	1,040.92	130.66
		For >1,000, Deduct	*-52.05*	
33 42 11 00-0103		Welded Joints For Prestressed Concrete Cylinder Pipe *(33 42 11 00-0092)*		
		Note: All pipe joints to be exposed and dewatered. Internal joint welding also requires joints to be ventilated and air quality checked.		
33 42 11 00-0104	EA	30" Welded Joint For Prestressed Concrete Cylinder Pipe	2,621.68	
33 42 11 00-0105	EA	36" Welded Joint For Prestressed Concrete Cylinder Pipe	2,815.88	
33 42 11 00-0106	EA	42" Welded Joint For Prestressed Concrete Cylinder Pipe	2,912.98	
33 42 11 00-0107	EA	48" Welded Joint For Prestressed Concrete Cylinder Pipe	3,301.38	
33 42 11 00-0108	EA	54" Welded Joint For Prestressed Concrete Cylinder Pipe	3,398.48	
33 42 11 00-0109	EA	60" Welded Joint For Prestressed Concrete Cylinder Pipe	3,592.68	
33 42 11 00-0110	EA	66" Welded Joint For Prestressed Concrete Cylinder Pipe	3,689.78	
33 42 11 00-0111	EA	72" Welded Joint For Prestressed Concrete Cylinder Pipe	3,786.88	
33 42 11 00-0112	EA	30" Internal Welded Joint For Prestressed Concrete Cylinder Pipe	4,854.97	
33 42 11 00-0113	EA	36" Internal Welded Joint For Prestressed Concrete Cylinder Pipe	4,854.97	
33 42 11 00-0114	EA	42" Internal Welded Joint For Prestressed Concrete Cylinder Pipe	5,534.67	
33 42 11 00-0115	EA	48" Internal Welded Joint For Prestressed Concrete Cylinder Pipe	5,534.67	
33 42 11 00-0116	EA	54" Internal Welded Joint For Prestressed Concrete Cylinder Pipe	5,923.06	
33 42 11 00-0117	EA	60" Internal Welded Joint For Prestressed Concrete Cylinder Pipe	5,923.06	
33 42 11 00-0118	EA	66" Internal Welded Joint For Prestressed Concrete Cylinder Pipe	6,408.56	
33 42 11 00-0119	EA	72" Internal Welded Joint For Prestressed Concrete Cylinder Pipe	6,408.56	
33 42 11 00-0120		Quick Test Joints *(33 42 11 00-0092)*		
33 42 11 00-0121	EA	30" Quick Test Joint	627.39	
33 42 11 00-0122	EA	36" Quick Test Joint	633.40	
33 42 11 00-0123	EA	42" Quick Test Joint	639.41	
33 42 11 00-0124	EA	48" Quick Test Joint	652.75	
33 42 11 00-0125	EA	54" Quick Test Joint	681.59	
33 42 11 00-0126	EA	60" Quick Test Joint	707.11	
33 42 11 00-0127	EA	66" Quick Test Joint	744.80	
33 42 11 00-0128	EA	72" Quick Test Joint	782.50	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0129		**Harnessed Joints** *(33 42 11 00-0092)*		
33 42 11 00-0130		**Harness Clamp Restrained Joints** *(33 42 11 00-0129)*		
33 42 11 00-0131	EA	30" Harness Clamp Restrained Joint	4,824.66	
33 42 11 00-0132	EA	36" Harness Clamp Restrained Joint	5,012.53	
33 42 11 00-0133	EA	42" Harness Clamp Restrained Joint	5,200.41	
33 42 11 00-0134	EA	48" Harness Clamp Restrained Joint	5,388.29	
33 42 11 00-0135	EA	54" Harness Clamp Restrained Joint	5,589.25	
33 42 11 00-0136	EA	60" Harness Clamp Restrained Joint	5,875.39	
33 42 11 00-0137	EA	66" Harness Clamp Restrained Joint	6,070.58	
33 42 11 00-0138	EA	72" Harness Clamp Restrained Joint	6,502.19	
33 42 11 00-0139		**Snap Ring Restrained Joints** *(33 42 11 00-0129)*		
33 42 11 00-0140	EA	30" Snap Ring Restrained Joint	823.65	
33 42 11 00-0141	EA	36" Snap Ring Restrained Joint	938.78	
33 42 11 00-0142	EA	42" Snap Ring Restrained Joint	1,253.95	
33 42 11 00-0143	EA	48" Snap Ring Restrained Joint	1,423.65	
33 42 11 00-0144	EA	54" Snap Ring Restrained Joint	1,606.43	
33 42 11 00-0145	EA	60" Snap Ring Restrained Joint	1,819.82	
33 42 11 00-0146	EA	66" Snap Ring Restrained Joint	2,015.00	
33 42 11 00-0147	EA	72" Snap Ring Restrained Joint	2,246.57	
33 42 11 00-0148		**Pipe Repairs** *(33 42 11 00-0092)* Note: For repair of damaged or defective lined or embedded cylinder concrete pipe. Includes 2 concrete adapters, MJDI sleeve, 20' pipe.		
33 42 11 00-0149		**Lined Cylinder Pipe Repair** *(33 42 11 00-0148)*		
33 42 11 00-0150	EA	30" Lined Cylinder Pipe Repair	6,874.77	
33 42 11 00-0151	EA	36" Lined Cylinder Pipe Repair	8,513.32	
33 42 11 00-0152	EA	42" Lined Cylinder Pipe Repair	11,182.75	
33 42 11 00-0153		**Embedded Cylinder Pipe Repair** *(33 42 11 00-0148)* Note: Field welded concrete enclosure assembly with concrete pipe.		
33 42 11 00-0154	EA	48" Embedded Cylinder Pipe Repair	16,635.19	
33 42 11 00-0155	EA	54" Embedded Cylinder Pipe Repair	19,315.84	
33 42 11 00-0156	EA	60" Embedded Cylinder Pipe Repair	22,016.59	
33 42 11 00-0157	EA	66" Embedded Cylinder Pipe Repair	24,874.10	
33 42 11 00-0158	EA	72" Embedded Cylinder Pipe Repair	29,905.80	
33 42 11 00-0159		**High Density Polyethylene (HDPE) Piping** *(33 42 11)*		
33 42 11 00-0160		**Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Piping** *(33 42 11 00-0159)* Note: Excludes couplings and gaskets.		
33 42 11 00-0161		**Coupled, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Piping** *(33 42 11 00-0160)*		
33 42 11 00-0162	LF	4" Coupled, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	17.67	7.78
		For <100, Add	*3.11*	
		For >1,000, Deduct	*-1.66*	
33 42 11 00-0163	LF	6" Coupled, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	23.47	9.04
		For <100, Add	*3.62*	
		For >1,000, Deduct	*-2.08*	
33 42 11 00-0164	LF	8" Coupled, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	29.08	10.52
		For <100, Add	*4.21*	
		For >1,000, Deduct	*-2.51*	
33 42 11 00-0165	LF	10" Coupled, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	33.37	10.89
		For <100, Add	*4.36*	
		For >1,000, Deduct	*-2.76*	
33 42 11 00-0166	LF	12" Coupled, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	35.14	11.28
		For <100, Add	*4.51*	
		For >1,000, Deduct	*-2.88*	
33 42 11 00-0167	LF	15" Coupled, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	40.23	11.67
		For <100, Add	*4.67*	
		For >1,000, Deduct	*-3.18*	
33 42 11 00-0168	LF	18" Coupled, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	49.39	12.10
		For <100, Add	*4.84*	
		For >1,000, Deduct	*-3.68*	
33 42 11 00-0169	LF	24" Coupled, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	68.46	14.17
		For <100, Add	*5.67*	
		For >1,000, Deduct	*-4.84*	
33 42 11 00-0170	LF	30" Coupled, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	97.42	19.08
		For <100, Add	*7.63*	
		For >1,000, Deduct	*-6.78*	
33 42 11 00-0171	LF	36" Coupled, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	128.34	24.11
		For <100, Add	*9.64*	
		For >1,000, Deduct	*-8.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

33 42 11 00-0172 Bell And Spigot, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Piping *(33 42 11 00-0160)*

33 42 11 00-0173	LF	12" Bell And Spigot, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	34.92	11.28
		For <100, Add	*4.51*	
		For >1,000, Deduct	*-2.87*	
33 42 11 00-0174	LF	15" Bell And Spigot, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	41.12	11.67
		For <100, Add	*4.67*	
		For >1,000, Deduct	*-3.22*	
33 42 11 00-0175	LF	18" Bell And Spigot, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	50.72	12.10
		For <100, Add	*4.84*	
		For >1,000, Deduct	*-3.75*	
33 42 11 00-0176	LF	24" Bell And Spigot, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	70.57	14.17
		For <100, Add	*5.67*	
		For >1,000, Deduct	*-4.95*	
33 42 11 00-0177	LF	30" Bell And Spigot, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	103.20	19.08
		For <100, Add	*7.63*	
		For >1,000, Deduct	*-7.07*	
33 42 11 00-0178	LF	36" Bell And Spigot, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	132.64	24.11
		For <100, Add	*9.64*	
		For >1,000, Deduct	*-9.04*	
33 42 11 00-0179	LF	42" Bell And Spigot, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	174.48	26.30
		For <100, Add	*10.52*	
		For >1,000, Deduct	*-11.35*	
33 42 11 00-0180	LF	48" Bell And Spigot, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	189.96	29.68
		For <100, Add	*11.87*	
		For >1,000, Deduct	*-12.47*	

33 42 11 00-0181 Perforated, Corrugated High Density Polyethylene (HDPE) Piping *(33 42 11 00-0159)*

Note: Excludes couplings and gaskets.

33 42 11 00-0182 Coupled, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Piping *(33 42 11 00-0181)*

33 42 11 00-0183	LF	4" Coupled, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	18.78	7.78
		For <100, Add	*3.11*	
		For >1,000, Deduct	*-1.72*	
33 42 11 00-0184	LF	6" Coupled, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	23.51	9.04
		For <100, Add	*3.62*	
		For >1,000, Deduct	*-2.08*	
33 42 11 00-0185	LF	8" Coupled, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	29.08	10.52
		For <100, Add	*4.21*	
		For >1,000, Deduct	*-2.51*	
33 42 11 00-0186	LF	10" Coupled, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	33.41	10.89
		For <100, Add	*4.36*	
		For >1,000, Deduct	*-2.76*	
33 42 11 00-0187	LF	12" Coupled, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	35.14	11.28
		For <100, Add	*4.51*	
		For >1,000, Deduct	*-2.88*	
33 42 11 00-0188	LF	15" Coupled, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	40.27	11.67
		For <100, Add	*4.67*	
		For >1,000, Deduct	*-3.18*	
33 42 11 00-0189	LF	18" Coupled, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	49.43	12.10
		For <100, Add	*4.84*	
		For >1,000, Deduct	*-3.68*	
33 42 11 00-0190	LF	24" Coupled, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	68.46	14.17
		For <100, Add	*5.67*	
		For >1,000, Deduct	*-4.84*	
33 42 11 00-0191	LF	30" Coupled, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	97.79	19.08
		For <100, Add	*7.63*	
		For >1,000, Deduct	*-6.80*	
33 42 11 00-0192	LF	36" Coupled, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	128.34	24.11
		For <100, Add	*9.64*	
		For >1,000, Deduct	*-8.83*	

33 42 11 00-0193 Bell And Spigot, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Piping *(33 42 11 00-0181)*

33 42 11 00-0194	LF	12" Bell And Spigot, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	34.96	11.28
		For <100, Add	*4.51*	
		For >1,000, Deduct	*-2.88*	
33 42 11 00-0195	LF	15" Bell And Spigot, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	41.16	11.67
		For <100, Add	*4.67*	
		For >1,000, Deduct	*-3.23*	
33 42 11 00-0196	LF	18" Bell And Spigot, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	50.76	12.10
		For <100, Add	*4.84*	
		For >1,000, Deduct	*-3.75*	
33 42 11 00-0197	LF	24" Bell And Spigot, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	70.57	14.17
		For <100, Add	*5.67*	
		For >1,000, Deduct	*-4.95*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0198	LF	30" Bell And Spigot, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	103.20	19.08
		For <100, Add	*7.63*	
		For >1,000, Deduct	*-7.07*	
33 42 11 00-0199	LF	36" Bell And Spigot, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	132.64	24.11
		For <100, Add	*9.64*	
		For >1,000, Deduct	*-9.04*	
33 42 11 00-0200	LF	42" Bell And Spigot, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	174.48	26.30
		For <100, Add	*10.52*	
		For >1,000, Deduct	*-11.35*	
33 42 11 00-0201	LF	48" Bell And Spigot, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	189.96	29.68
		For <100, Add	*11.87*	
		For >1,000, Deduct	*-12.47*	

33 42 11 00-0202 Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe Fittings *(33 42 11 00-0159)*

Note: Excludes couplings and gaskets.

33 42 11 00-0203 Tees, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) *(33 42 11 00-0202)*

33 42 11 00-0204	EA	4" Tee, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	76.71	26.26
33 42 11 00-0205	EA	6" Tee, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	97.08	30.64
33 42 11 00-0206	EA	8" Tee, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	160.32	37.21
33 42 11 00-0207	EA	10" Tee, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	247.69	45.96
33 42 11 00-0208	EA	12" Tee, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	396.00	54.72
33 42 11 00-0209	EA	15" Tee, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	560.58	71.50
33 42 11 00-0210	EA	18" Tee, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	808.09	96.29
33 42 11 00-0211	EA	24" Tee, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	1,039.75	109.92
33 42 11 00-0212	EA	30" Tee, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	1,835.46	126.94
33 42 11 00-0213	EA	36" Tee, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	2,362.10	146.63
33 42 11 00-0214	EA	42" Tee, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	3,952.44	175.08
33 42 11 00-0215	EA	48" Tee, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	4,964.42	207.92

33 42 11 00-0216 Wyes, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) *(33 42 11 00-0202)*

33 42 11 00-0217	EA	4" Wye, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	115.98	26.26
33 42 11 00-0218	EA	6" Wye, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	140.18	30.64
33 42 11 00-0219	EA	8" Wye, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	187.53	37.21
33 42 11 00-0220	EA	10" Wye, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	277.68	45.96
33 42 11 00-0221	EA	12" Wye, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	492.50	54.72
33 42 11 00-0222	EA	15" Wye, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	530.98	71.50
33 42 11 00-0223	EA	18" Wye, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	750.50	96.29

33 42 11 00-0224 22-1/2 Degree Bends, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) *(33 42 11 00-0202)*

33 42 11 00-0225	EA	4" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	46.22	17.51
33 42 11 00-0226	EA	6" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	57.37	20.43
33 42 11 00-0227	EA	8" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	85.10	24.81
33 42 11 00-0228	EA	10" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	107.27	30.64
33 42 11 00-0229	EA	12" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	157.88	36.48
33 42 11 00-0230	EA	15" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	252.50	46.69
33 42 11 00-0231	EA	18" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	333.99	64.20
33 42 11 00-0232	EA	24" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	647.62	72.95
33 42 11 00-0233	EA	30" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	904.58	84.62
33 42 11 00-0234	EA	36" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	1,060.44	97.76
33 42 11 00-0235	EA	42" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	1,357.51	116.72
33 42 11 00-0236	EA	48" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	1,840.60	138.60

33 42 11 00-0237 45 Degree Bends, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) *(33 42 11 00-0202)*

33 42 11 00-0238	EA	4" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	50.51	17.51
33 42 11 00-0239	EA	6" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	66.32	20.43
33 42 11 00-0240	EA	8" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	89.67	24.81
33 42 11 00-0241	EA	10" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	144.45	30.64
33 42 11 00-0242	EA	12" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	157.88	36.48
33 42 11 00-0243	EA	15" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	251.76	46.69
33 42 11 00-0244	EA	18" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	393.95	64.20
33 42 11 00-0245	EA	24" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	693.94	72.95
33 42 11 00-0246	EA	30" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	906.78	84.62
33 42 11 00-0247	EA	36" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	1,160.27	97.76
33 42 11 00-0248	EA	42" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	1,742.81	116.72
33 42 11 00-0249	EA	48" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	2,185.94	138.60

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0250		**Couplings And End Caps, Corrugated High Density Polyethylene (HDPE) Pipe Fittings** *(33 42 11 00-0159)*		
		Note: For single and double wall high density polyethylene (HDPE) piping.		
33 42 11 00-0251		**Couplings, Corrugated High Density Polyethylene (HDPE) Pipe** *(33 42 11 00-0250)*		
33 42 11 00-0252	EA	4" Coupling, Corrugated High Density Polyethylene (HDPE) Pipe	2.56	
33 42 11 00-0253	EA	6" Coupling, Corrugated High Density Polyethylene (HDPE) Pipe	4.60	
33 42 11 00-0254	EA	8" Coupling, Corrugated High Density Polyethylene (HDPE) Pipe	7.08	
33 42 11 00-0255	EA	10" Coupling, Corrugated High Density Polyethylene (HDPE) Pipe	8.70	
33 42 11 00-0256	EA	12" Coupling, Corrugated High Density Polyethylene (HDPE) Pipe	9.36	
33 42 11 00-0257	EA	15" Coupling, Corrugated High Density Polyethylene (HDPE) Pipe	13.33	
33 42 11 00-0258	EA	18" Coupling, Corrugated High Density Polyethylene (HDPE) Pipe	19.72	
33 42 11 00-0259	EA	24" Coupling, Corrugated High Density Polyethylene (HDPE) Pipe	31.39	
33 42 11 00-0260	EA	30" Coupling, Corrugated High Density Polyethylene (HDPE) Pipe	48.19	
33 42 11 00-0261	EA	36" Coupling, Corrugated High Density Polyethylene (HDPE) Pipe	63.06	
33 42 11 00-0262	EA	42" Coupling, Corrugated High Density Polyethylene (HDPE) Pipe	99.14	
33 42 11 00-0263	EA	48" Coupling, Corrugated High Density Polyethylene (HDPE) Pipe	134.09	
33 42 11 00-0264		**Self Adhering Gaskets, Corrugated High Density Polyethylene (HDPE) Pipe** *(33 42 11 00-0250)*		
33 42 11 00-0265	EA	4" Self Adhering Gasket, Corrugated High Density Polyethylene (HDPE) Pipe	135.77	
33 42 11 00-0266	EA	6" Self Adhering Gasket, Corrugated High Density Polyethylene (HDPE) Pipe	142.16	
33 42 11 00-0267	EA	8" Self Adhering Gasket, Corrugated High Density Polyethylene (HDPE) Pipe	148.85	
33 42 11 00-0268	EA	10" Self Adhering Gasket, Corrugated High Density Polyethylene (HDPE) Pipe	155.84	
33 42 11 00-0269	EA	12" Self Adhering Gasket, Corrugated High Density Polyethylene (HDPE) Pipe	184.84	
33 42 11 00-0270	EA	15" Self Adhering Gasket, Corrugated High Density Polyethylene (HDPE) Pipe	190.85	
33 42 11 00-0271	EA	18" Self Adhering Gasket, Corrugated High Density Polyethylene (HDPE) Pipe	199.05	
33 42 11 00-0272	EA	24" Self Adhering Gasket, Corrugated High Density Polyethylene (HDPE) Pipe	226.73	
33 42 11 00-0273	EA	30" Self Adhering Gasket, Corrugated High Density Polyethylene (HDPE) Pipe	363.46	
33 42 11 00-0274	EA	36" Self Adhering Gasket, Corrugated High Density Polyethylene (HDPE) Pipe	398.10	
33 42 11 00-0275	EA	42" Self Adhering Gasket, Corrugated High Density Polyethylene (HDPE) Pipe	433.77	
33 42 11 00-0276	EA	48" Self Adhering Gasket, Corrugated High Density Polyethylene (HDPE) Pipe	526.82	
33 42 11 00-0277		**End Caps, Corrugated High Density Polyethylene (HDPE) Pipe** *(33 42 11 00-0250)*		
33 42 11 00-0278	EA	6" End Cap For Corrugated High Density Polyethylene (HDPE) Pipe	35.91	
33 42 11 00-0279	EA	8" End Cap For Corrugated High Density Polyethylene (HDPE) Pipe	41.91	
33 42 11 00-0280	EA	10" End Cap For Corrugated High Density Polyethylene (HDPE) Pipe	66.40	
33 42 11 00-0281	EA	12" End Cap For Corrugated High Density Polyethylene (HDPE) Pipe	111.21	
33 42 11 00-0282	EA	15" End Cap For Corrugated High Density Polyethylene (HDPE) Pipe	129.12	
33 42 11 00-0283	EA	18" End Cap For Corrugated High Density Polyethylene (HDPE) Pipe	173.69	
33 42 11 00-0284	EA	24" End Cap For Corrugated High Density Polyethylene (HDPE) Pipe	180.36	
33 42 11 00-0285		**Vitrified Clay Piping** *(33 42 11)*		
33 42 11 00-0286		**Extra Strength Vitrified Clay Piping** *(33 42 11 00-0285)*		
33 42 11 00-0287		**Plain Joint, Extra Strength, Vitrified Clay Piping** *(33 42 11 00-0286)*		
		Note: ASTM C700.		
33 42 11 00-0288	LF	4" Plain Joint, Extra Strength, Vitrified Clay Pipe	22.86	
		For 3' Lengths, Add	*1.93*	
		For 2' Lengths, Add	*2.57*	
		For Standard Strength, Deduct	*-0.64*	
		For >1,000, Deduct	*-1.14*	
33 42 11 00-0289	LF	6" Plain Joint, Extra Strength, Vitrified Clay Pipe	37.99	
		For 3' Lengths, Add	*2.99*	
		For 2' Lengths, Add	*3.99*	
		For Standard Strength, Deduct	*-1.00*	
		For >1,000, Deduct	*-1.90*	
33 42 11 00-0290	LF	8" Plain Joint, Extra Strength, Vitrified Clay Pipe	45.39	
		For 3' Lengths, Add	*4.28*	
		For 2' Lengths, Add	*5.71*	
		For Standard Strength, Deduct	*-1.43*	
		For >1,000, Deduct	*-2.27*	
33 42 11 00-0291	LF	10" Plain Joint, Extra Strength, Vitrified Clay Pipe	54.25	
		For 3' Lengths, Add	*6.56*	
		For 2' Lengths, Add	*8.74*	
		For Standard Strength, Deduct	*-2.19*	
		For >1,000, Deduct	*-2.71*	
33 42 11 00-0292	LF	12" Plain Joint, Extra Strength, Vitrified Clay Pipe	66.19	
		For 3' Lengths, Add	*9.26*	
		For 2' Lengths, Add	*12.34*	
		For Standard Strength, Deduct	*-3.09*	
		For >1,000, Deduct	*-3.31*	
33 42 11 00-0293	LF	15" Plain Joint, Extra Strength, Vitrified Clay Pipe	97.16	
		For 3' Lengths, Add	*17.35*	
		For 2' Lengths, Add	*23.14*	
		For Standard Strength, Deduct	*-5.78*	
		For >1,000, Deduct	*-4.86*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0294	LF	18" Plain Joint, Extra Strength, Vitrified Clay Pipe	131.95	
		For 3' Lengths, Add	*24.87*	
		For 2' Lengths, Add	*33.16*	
		For Standard Strength, Deduct	*-8.29*	
		For >1,000, Deduct	*-6.60*	
33 42 11 00-0295	LF	21" Plain Joint, Extra Strength, Vitrified Clay Pipe	194.67	
		For 3' Lengths, Add	*39.84*	
		For 2' Lengths, Add	*53.12*	
		For Standard Strength, Deduct	*-13.28*	
		For >1,000, Deduct	*-9.73*	
33 42 11 00-0296	LF	24" Plain Joint, Extra Strength, Vitrified Clay Pipe	248.62	
		For 3' Lengths, Add	*52.05*	
		For 2' Lengths, Add	*69.40*	
		For Standard Strength, Deduct	*-17.35*	
		For >1,000, Deduct	*-12.43*	
33 42 11 00-0297	LF	30" Plain Joint, Extra Strength, Vitrified Clay Pipe	307.55	
		For 3' Lengths, Add	*64.91*	
		For 2' Lengths, Add	*86.54*	
		For Standard Strength, Deduct	*-21.64*	
		For >1,000, Deduct	*-15.38*	
33 42 11 00-0298	LF	36" Plain Joint, Extra Strength, Vitrified Clay Pipe	372.09	
		For 3' Lengths, Add	*78.40*	
		For 2' Lengths, Add	*104.54*	
		For Standard Strength, Deduct	*-26.13*	
		For >1,000, Deduct	*-18.60*	

33 42 11 00-0299 Compression Joint, Extra Strength, Vitrified Clay Piping *(33 42 11 00-0286)*

Note: ASTM C425.

33 42 11 00-0300	LF	4" Compression Joint, Extra Strength, Vitrified Clay Pipe	32.48	
		For 3' Lengths, Add	*2.27*	
		For 2' Lengths, Add	*3.03*	
		For Standard Strength, Deduct	*-0.76*	
		For >1,000, Deduct	*-1.62*	
33 42 11 00-0301	LF	6" Compression Joint, Extra Strength, Vitrified Clay Pipe	40.39	
		For 3' Lengths, Add	*3.71*	
		For 2' Lengths, Add	*4.95*	
		For Standard Strength, Deduct	*-1.24*	
		For >1,000, Deduct	*-2.02*	
33 42 11 00-0302	LF	8" Compression Joint, Extra Strength, Vitrified Clay Pipe	48.60	
		For 3' Lengths, Add	*5.24*	
		For 2' Lengths, Add	*6.99*	
		For Standard Strength, Deduct	*-1.75*	
		For >1,000, Deduct	*-2.43*	
33 42 11 00-0303	LF	10" Compression Joint, Extra Strength, Vitrified Clay Pipe	61.10	
		For 3' Lengths, Add	*8.61*	
		For 2' Lengths, Add	*11.48*	
		For Standard Strength, Deduct	*-2.87*	
		For >1,000, Deduct	*-3.06*	
33 42 11 00-0304	LF	12" Compression Joint, Extra Strength, Vitrified Clay Pipe	73.04	
		For 3' Lengths, Add	*11.31*	
		For 2' Lengths, Add	*15.08*	
		For Standard Strength, Deduct	*-3.77*	
		For >1,000, Deduct	*-3.65*	
33 42 11 00-0305	LF	15" Compression Joint, Extra Strength, Vitrified Clay Pipe	108.08	
		For 3' Lengths, Add	*20.63*	
		For 2' Lengths, Add	*27.50*	
		For Standard Strength, Deduct	*-6.88*	
		For >1,000, Deduct	*-5.40*	
33 42 11 00-0306	LF	18" Compression Joint, Extra Strength, Vitrified Clay Pipe	149.73	
		For 3' Lengths, Add	*30.20*	
		For 2' Lengths, Add	*40.27*	
		For Standard Strength, Deduct	*-10.07*	
		For >1,000, Deduct	*-7.49*	
33 42 11 00-0307	LF	21" Compression Joint, Extra Strength, Vitrified Clay Pipe	215.02	
		For 3' Lengths, Add	*45.95*	
		For 2' Lengths, Add	*61.26*	
		For Standard Strength, Deduct	*-15.32*	
		For >1,000, Deduct	*-10.75*	
33 42 11 00-0308	LF	24" Compression Joint, Extra Strength, Vitrified Clay Pipe	280.75	
		For 3' Lengths, Add	*61.69*	
		For 2' Lengths, Add	*82.26*	
		For Standard Strength, Deduct	*-20.56*	
		For >1,000, Deduct	*-14.04*	
33 42 11 00-0309	LF	30" Compression Joint, Extra Strength, Vitrified Clay Pipe	448.93	
		For 3' Lengths, Add	*107.32*	
		For 2' Lengths, Add	*143.09*	
		For Standard Strength, Deduct	*-35.77*	
		For >1,000, Deduct	*-22.45*	
33 42 11 00-0310	LF	36" Compression Joint, Extra Strength, Vitrified Clay Pipe	637.71	
		For 3' Lengths, Add	*158.09*	
		For 2' Lengths, Add	*210.78*	
		For Standard Strength, Deduct	*-52.70*	
		For >1,000, Deduct	*-31.89*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0311		Extra Strength, Vitrified Clay Pipe Fittings *(33 42 11 00-0285)*		
33 42 11 00-0312		1/8 Bends, Extra Strength, Vitrified Clay *(33 42 11 00-0311)*		
33 42 11 00-0313		Plain End 1/8 Bend, Extra Strength, Vitrified Clay *(33 42 11 00-0312)*		
33 42 11 00-0314	EA	4" Plain End 1/8 Bend, Extra Strength, Vitrified Clay	95.17	
33 42 11 00-0315	EA	6" Plain End 1/8 Bend, Extra Strength, Vitrified Clay	128.33	
33 42 11 00-0316	EA	8" Plain End 1/8 Bend, Extra Strength, Vitrified Clay	183.03	
33 42 11 00-0317	EA	10" Plain End 1/8 Bend, Extra Strength, Vitrified Clay	250.94	
33 42 11 00-0318	EA	12" Plain End 1/8 Bend, Extra Strength, Vitrified Clay	331.20	
33 42 11 00-0319	EA	15" Plain End 1/8 Bend, Extra Strength, Vitrified Clay	788.42	
33 42 11 00-0320	EA	18" Plain End 1/8 Bend, Extra Strength, Vitrified Clay	1,111.64	
33 42 11 00-0321	EA	21" Plain End 1/8 Bend, Extra Strength, Vitrified Clay	1,733.61	
33 42 11 00-0322	EA	24" Plain End 1/8 Bend, Extra Strength, Vitrified Clay	2,001.05	
33 42 11 00-0323	EA	30" Plain End 1/8 Bend, Extra Strength, Vitrified Clay	2,324.07	
33 42 11 00-0324	EA	36" Plain End 1/8 Bend, Extra Strength, Vitrified Clay	3,484.47	
33 42 11 00-0325		Compression Joint 1/8 Bends, Extra Strength, Vitrified Clay *(33 42 11 00-0312)*		
33 42 11 00-0326	EA	4" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay	107.67	
33 42 11 00-0327	EA	6" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay	152.77	
33 42 11 00-0328	EA	8" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay	206.62	
33 42 11 00-0329	EA	10" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay	276.23	
33 42 11 00-0330	EA	12" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay	350.30	
33 42 11 00-0331	EA	15" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay	884.62	
33 42 11 00-0332	EA	18" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay	1,286.38	
33 42 11 00-0333	EA	21" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay	1,323.27	
33 42 11 00-0334	EA	24" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay	2,562.24	
33 42 11 00-0335	EA	30" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay	2,854.25	
33 42 11 00-0336	EA	36" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay	4,236.26	
33 42 11 00-0337		1/4 Bends, Extra Strength, Vitrified Clay *(33 42 11 00-0311)*		
33 42 11 00-0338		Plain End 1/4 Bends, Extra Strength, Vitrified Clay *(33 42 11 00-0337)*		
33 42 11 00-0339	EA	4" Plain End 1/4 Bend, Extra Strength, Vitrified Clay	111.60	
33 42 11 00-0340	EA	6" Plain End 1/4 Bend, Extra Strength, Vitrified Clay	148.12	
33 42 11 00-0341	EA	8" Plain End 1/4 Bend, Extra Strength, Vitrified Clay	206.18	
33 42 11 00-0342	EA	10" Plain End 1/4 Bend, Extra Strength, Vitrified Clay	276.03	
33 42 11 00-0343	EA	12" Plain End 1/4 Bend, Extra Strength, Vitrified Clay	359.48	
33 42 11 00-0344	EA	15" Plain End 1/4 Bend, Extra Strength, Vitrified Clay	819.88	
33 42 11 00-0345	EA	18" Plain End 1/4 Bend, Extra Strength, Vitrified Clay	1,150.87	
33 42 11 00-0346	EA	21" Plain End 1/4 Bend, Extra Strength, Vitrified Clay	1,783.09	
33 42 11 00-0347	EA	24" Plain End 1/4 Bend, Extra Strength, Vitrified Clay	2,061.14	
33 42 11 00-0348	EA	30" Plain End 1/4 Bend, Extra Strength, Vitrified Clay	2,399.00	
33 42 11 00-0349	EA	36" Plain End 1/4 Bend, Extra Strength, Vitrified Clay	3,567.78	
33 42 11 00-0350		Compression Joint 1/4 Bends, Extra Strength, Vitrified Clay *(33 42 11 00-0337)*		
33 42 11 00-0351	EA	4" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay	127.39	
33 42 11 00-0352	EA	6" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay	176.52	
33 42 11 00-0353	EA	8" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay	234.40	
33 42 11 00-0354	EA	10" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay	306.34	
33 42 11 00-0355	EA	12" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay	384.24	
33 42 11 00-0356	EA	15" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay	922.38	
33 42 11 00-0357	EA	18" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay	1,333.46	
33 42 11 00-0358	EA	21" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay	2,583.45	
33 42 11 00-0359	EA	24" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay	2,634.35	
33 42 11 00-0360	EA	30" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay	2,944.18	
33 42 11 00-0361	EA	36" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay	4,336.22	
33 42 11 00-0362		Wyes Or Tees, Extra Strength, Vitrified Clay *(33 42 11 00-0311)*		
33 42 11 00-0363		Plain End Wyes Or Tees, Extra Strength, Vitrified Clay *(33 42 11 00-0362)*		
33 42 11 00-0364	EA	4" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay	122.93	
33 42 11 00-0365	EA	6" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay	160.23	
33 42 11 00-0366	EA	8" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay	217.17	
33 42 11 00-0367	EA	10" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay	286.03	
33 42 11 00-0368	EA	12" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay	361.07	
33 42 11 00-0369	EA	15" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay	829.01	
33 42 11 00-0370	EA	18" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay	1,159.39	
33 42 11 00-0371	EA	21" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay	1,674.07	
33 42 11 00-0372	EA	24" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay	2,328.28	
33 42 11 00-0373	EA	30" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay	2,465.87	
33 42 11 00-0374	EA	36" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay	3,542.74	
33 42 11 00-0375		Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay *(33 42 11 00-0362)*		
33 42 11 00-0376	EA	4" Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay	150.14	
33 42 11 00-0377	EA	6" Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay	205.38	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0378	EA	8" Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay	269.88	
33 42 11 00-0379	EA	10" Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay	348.08	
33 42 11 00-0380	EA	12" Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay	433.71	
33 42 11 00-0381	EA	15" Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay	1,008.33	
33 42 11 00-0382	EA	18" Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay	1,452.11	
33 42 11 00-0383	EA	21" Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay	2,154.24	
33 42 11 00-0384	EA	24" Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay	2,853.07	
33 42 11 00-0385	EA	30" Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay	3,301.25	
33 42 11 00-0386	EA	36" Compression Joint, Extra Strength, Vitrified Clay Wye Or Tee	4,682.20	

33 42 11 00-0387 Corrugated Metal Piping *(33 42 11)*

33 42 11 00-0388 Galvanized Corrugated Steel Piping *(33 42 11 00-0387)*

33 42 11 00-0389 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Piping *(33 42 11 00-0388)*

33 42 11 00-0390 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Piping *(33 42 11 00-0389)*

33 42 11 00-0391	LF	12" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	48.67	12.02
		For Bituminous Coated Pipe, Add	*5.74*	
		For Bituminous Coated And 25% Paved, Add	*11.73*	
		For Smooth-Flo, Add	*20.95*	
33 42 11 00-0392	LF	15" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	55.68	12.59
		For Bituminous Coated Pipe, Add	*7.22*	
		For Bituminous Coated And 25% Paved, Add	*14.77*	
		For Smooth-Flo, Add	*26.37*	
33 42 11 00-0393	LF	18" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	62.94	13.73
		For Bituminous Coated Pipe, Add	*8.75*	
		For Bituminous Coated And 25% Paved, Add	*17.89*	
		For Smooth-Flo, Add	*31.95*	
33 42 11 00-0394	LF	21" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	72.14	14.88
		For Bituminous Coated Pipe, Add	*10.46*	
		For Bituminous Coated And 25% Paved, Add	*21.40*	
		For Smooth-Flo, Add	*38.22*	
33 42 11 00-0395	LF	24" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	80.05	16.02
		For Bituminous Coated Pipe, Add	*11.77*	
		For Bituminous Coated And 25% Paved, Add	*24.08*	
		For Smooth-Flo, Add	*43.01*	
33 42 11 00-0396	LF	30" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	105.38	20.60
		For Bituminous Coated Pipe, Add	*15.28*	
		For Bituminous Coated And 25% Paved, Add	*31.24*	
		For Smooth-Flo, Add	*55.80*	
33 42 11 00-0397	LF	36" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	135.72	26.45
		For Bituminous Coated Pipe, Add	*19.27*	
		For Bituminous Coated And 25% Paved, Add	*39.41*	
		For Smooth-Flo, Add	*70.38*	
33 42 11 00-0398	LF	42" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	155.42	31.26
		For Bituminous Coated Pipe, Add	*22.80*	
		For Bituminous Coated And 25% Paved, Add	*46.63*	
		For Smooth-Flo, Add	*83.27*	
33 42 11 00-0399	LF	48" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	174.57	36.07
		For Bituminous Coated Pipe, Add	*25.53*	
		For Bituminous Coated And 25% Paved, Add	*52.23*	
		For Smooth-Flo, Add	*93.27*	

33 42 11 00-0400 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Piping *(33 42 11 00-0389)*

33 42 11 00-0401	LF	12" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	53.79	12.02
		For Bituminous Coated Pipe, Add	*5.82*	
		For Bituminous Coated And 25% Paved, Add	*13.49*	
		For Smooth-Flo, Add	*27.26*	
33 42 11 00-0402	LF	15" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	61.99	12.59
		For Bituminous Coated Pipe, Add	*7.30*	
		For Bituminous Coated And 25% Paved, Add	*16.91*	
		For Smooth-Flo, Add	*34.19*	
33 42 11 00-0403	LF	18" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	70.56	13.73
		For Bituminous Coated Pipe, Add	*8.84*	
		For Bituminous Coated And 25% Paved, Add	*20.48*	
		For Smooth-Flo, Add	*41.40*	
33 42 11 00-0404	LF	21" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	80.95	14.88
		For Bituminous Coated Pipe, Add	*10.51*	
		For Bituminous Coated And 25% Paved, Add	*24.35*	
		For Smooth-Flo, Add	*49.23*	
33 42 11 00-0405	LF	24" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	90.29	16.02
		For Bituminous Coated Pipe, Add	*11.90*	
		For Bituminous Coated And 25% Paved, Add	*27.56*	
		For Smooth-Flo, Add	*55.71*	
33 42 11 00-0406	LF	30" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	117.88	20.60
		For Bituminous Coated Pipe, Add	*15.28*	
		For Bituminous Coated And 25% Paved, Add	*35.39*	
		For Smooth-Flo, Add	*71.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0407	LF	36" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	150.90	26.45
		For Bituminous Coated Pipe, Add	*19.15*	
		For Bituminous Coated And 25% Paved, Add	*44.36*	
		For Smooth-Flo, Add	*89.67*	
33 42 11 00-0408	LF	42" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	172.80	31.26
		For Bituminous Coated Pipe, Add	*22.54*	
		For Bituminous Coated And 25% Paved, Add	*52.22*	
		For Smooth-Flo, Add	*105.55*	
33 42 11 00-0409	LF	48" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	194.46	36.07
		For Bituminous Coated Pipe, Add	*25.33*	
		For Bituminous Coated And 25% Paved, Add	*58.69*	
		For Smooth-Flo, Add	*118.63*	
33 42 11 00-0410	LF	54" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	233.44	40.88
		For Bituminous Coated Pipe, Add	*31.15*	
		For Bituminous Coated And 25% Paved, Add	*72.17*	
		For Smooth-Flo, Add	*145.89*	
33 42 11 00-0411		**12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Piping** *(33 42 11 00-0389)*		
33 42 11 00-0412	LF	18" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	86.34	13.73
		For Bituminous Coated Pipe, Add	*10.12*	
		For Bituminous Coated And 25% Paved, Add	*18.28*	
		For Smooth-Flo, Add	*35.13*	
33 42 11 00-0413	LF	21" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	99.29	14.88
		For Bituminous Coated Pipe, Add	*11.96*	
		For Bituminous Coated And 25% Paved, Add	*21.61*	
		For Smooth-Flo, Add	*41.52*	
33 42 11 00-0414	LF	24" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	111.19	14.88
		For Bituminous Coated Pipe, Add	*13.56*	
		For Bituminous Coated And 25% Paved, Add	*24.50*	
		For Smooth-Flo, Add	*47.08*	
33 42 11 00-0415	LF	30" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	143.72	20.60
		For Bituminous Coated Pipe, Add	*17.25*	
		For Bituminous Coated And 25% Paved, Add	*31.15*	
		For Smooth-Flo, Add	*59.86*	
33 42 11 00-0416	LF	36" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	181.57	26.45
		For Bituminous Coated Pipe, Add	*21.33*	
		For Bituminous Coated And 25% Paved, Add	*38.52*	
		For Smooth-Flo, Add	*74.02*	
33 42 11 00-0417	LF	42" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	208.23	31.26
		For Bituminous Coated Pipe, Add	*24.99*	
		For Bituminous Coated And 25% Paved, Add	*45.13*	
		For Smooth-Flo, Add	*86.74*	
33 42 11 00-0418	LF	48" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	235.07	36.07
		For Bituminous Coated Pipe, Add	*28.22*	
		For Bituminous Coated And 25% Paved, Add	*50.97*	
		For Smooth-Flo, Add	*97.95*	
33 42 11 00-0419	LF	54" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	278.27	40.88
		For Bituminous Coated Pipe, Add	*33.84*	
		For Bituminous Coated And 25% Paved, Add	*61.11*	
		For Smooth-Flo, Add	*117.44*	
33 42 11 00-0420	LF	60" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	304.32	43.29
		For Bituminous Coated Pipe, Add	*37.06*	
		For Bituminous Coated And 25% Paved, Add	*66.92*	
		For Smooth-Flo, Add	*128.61*	
33 42 11 00-0421	LF	66" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	368.97	52.91
		For Bituminous Coated Pipe, Add	*45.11*	
		For Bituminous Coated And 25% Paved, Add	*81.47*	
		For Smooth-Flo, Add	*156.57*	
33 42 11 00-0422		**10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Piping** *(33 42 11 00-0389)*		
33 42 11 00-0423	LF	36" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	210.27	26.45
		For Bituminous Coated Pipe, Add	*27.13*	
		For Bituminous Coated And 25% Paved, Add	*45.32*	
		For Smooth-Flo, Add	*64.67*	
33 42 11 00-0424	LF	42" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	241.81	31.26
		For Bituminous Coated Pipe, Add	*31.78*	
		For Bituminous Coated And 25% Paved, Add	*53.09*	
		For Smooth-Flo, Add	*75.76*	
33 42 11 00-0425	LF	48" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	273.17	36.07
		For Bituminous Coated Pipe, Add	*35.92*	
		For Bituminous Coated And 25% Paved, Add	*60.01*	
		For Smooth-Flo, Add	*85.62*	
33 42 11 00-0426	LF	54" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	320.96	40.88
		For Bituminous Coated Pipe, Add	*42.55*	
		For Bituminous Coated And 25% Paved, Add	*71.07*	
		For Smooth-Flo, Add	*101.41*	
33 42 11 00-0427	LF	60" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	351.83	43.29
		For Bituminous Coated Pipe, Add	*46.73*	
		For Bituminous Coated And 25% Paved, Add	*78.06*	
		For Smooth-Flo, Add	*111.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0428	LF	66" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	421.19	52.91
		For Bituminous Coated Pipe, Add	*55.90*	
		For Bituminous Coated And 25% Paved, Add	*93.37*	
		For Smooth-Flo, Add	*133.23*	
33 42 11 00-0429	LF	72" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe	494.03	76.95
		For Bituminous Coated Pipe, Add	*60.02*	
		For Bituminous Coated And 25% Paved, Add	*100.25*	
		For Smooth-Flo, Add	*143.05*	
33 42 11 00-0430		3" x 1" Corrugation, Galvanized Corrugated Steel Piping *(33 42 11 00-0388)*		
33 42 11 00-0431		16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Piping *(33 42 11 00-0430)*		
33 42 11 00-0432	LF	36" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	162.04	26.45
		For Bituminous Coated Pipe, Add	*21.19*	
		For Bituminous Coated And 25% Paved, Add	*48.09*	
		For Smooth-Flo, Add	*95.76*	
33 42 11 00-0433	LF	42" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	185.61	31.26
		For Bituminous Coated Pipe, Add	*24.88*	
		For Bituminous Coated And 25% Paved, Add	*56.47*	
		For Smooth-Flo, Add	*112.45*	
33 42 11 00-0434	LF	48" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	208.57	36.07
		For Bituminous Coated Pipe, Add	*27.90*	
		For Bituminous Coated And 25% Paved, Add	*63.34*	
		For Smooth-Flo, Add	*126.12*	
33 42 11 00-0435	LF	54" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	249.63	40.88
		For Bituminous Coated Pipe, Add	*34.08*	
		For Bituminous Coated And 25% Paved, Add	*77.37*	
		For Smooth-Flo, Add	*154.05*	
33 42 11 00-0436	LF	60" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	271.99	43.29
		For Bituminous Coated Pipe, Add	*37.13*	
		For Bituminous Coated And 25% Paved, Add	*84.29*	
		For Smooth-Flo, Add	*167.84*	
33 42 11 00-0437	LF	66" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	342.06	52.91
		For Bituminous Coated Pipe, Add	*47.69*	
		For Bituminous Coated And 25% Paved, Add	*108.27*	
		For Smooth-Flo, Add	*215.58*	
33 42 11 00-0438	LF	72" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	407.22	76.95
		For Bituminous Coated Pipe, Add	*50.84*	
		For Bituminous Coated And 25% Paved, Add	*115.40*	
		For Smooth-Flo, Add	*229.79*	
33 42 11 00-0439	LF	78" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	438.31	84.16
		For Bituminous Coated Pipe, Add	*53.99*	
		For Bituminous Coated And 25% Paved, Add	*122.57*	
		For Smooth-Flo, Add	*244.05*	
33 42 11 00-0440	LF	84" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	466.11	90.18
		For Bituminous Coated Pipe, Add	*57.15*	
		For Bituminous Coated And 25% Paved, Add	*129.73*	
		For Smooth-Flo, Add	*258.32*	
33 42 11 00-0441	LF	90" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	493.98	96.19
		For Bituminous Coated Pipe, Add	*60.32*	
		For Bituminous Coated And 25% Paved, Add	*136.92*	
		For Smooth-Flo, Add	*272.64*	
33 42 11 00-0442	LF	96" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	522.59	102.20
		For Bituminous Coated Pipe, Add	*63.46*	
		For Bituminous Coated And 25% Paved, Add	*144.05*	
		For Smooth-Flo, Add	*286.84*	
33 42 11 00-0443	LF	102" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	554.70	108.21
		For Bituminous Coated Pipe, Add	*66.64*	
		For Bituminous Coated And 25% Paved, Add	*151.27*	
		For Smooth-Flo, Add	*301.21*	
33 42 11 00-0444		14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Piping *(33 42 11 00-0430)*		
33 42 11 00-0445	LF	54" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	276.49	40.88
		For Bituminous Coated Pipe, Add	*39.45*	
		For Bituminous Coated And 25% Paved, Add	*77.33*	
		For Smooth-Flo, Add	*156.24*	
33 42 11 00-0446	LF	60" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	301.70	43.29
		For Bituminous Coated Pipe, Add	*43.07*	
		For Bituminous Coated And 25% Paved, Add	*84.43*	
		For Smooth-Flo, Add	*170.57*	
33 42 11 00-0447	LF	66" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	374.75	52.91
		For Bituminous Coated Pipe, Add	*54.23*	
		For Bituminous Coated And 25% Paved, Add	*106.29*	
		For Smooth-Flo, Add	*214.76*	
33 42 11 00-0448	LF	72" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	442.83	76.95
		For Bituminous Coated Pipe, Add	*57.96*	
		For Bituminous Coated And 25% Paved, Add	*113.60*	
		For Smooth-Flo, Add	*229.52*	
33 42 11 00-0449	LF	78" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	476.77	84.16
		For Bituminous Coated Pipe, Add	*61.69*	
		For Bituminous Coated And 25% Paved, Add	*120.90*	
		For Smooth-Flo, Add	*244.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0450	LF	84" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	507.61	90.18
		For Bituminous Coated Pipe, Add	*65.45*	
		For Bituminous Coated And 25% Paved, Add	*128.28*	
		For Smooth-Flo, Add	*259.18*	
33 42 11 00-0451	LF	90" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	538.28	96.19
		For Bituminous Coated Pipe, Add	*69.18*	
		For Bituminous Coated And 25% Paved, Add	*135.59*	
		For Smooth-Flo, Add	*273.94*	
33 42 11 00-0452	LF	96" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	569.81	102.20
		For Bituminous Coated Pipe, Add	*72.90*	
		For Bituminous Coated And 25% Paved, Add	*142.89*	
		For Smooth-Flo, Add	*288.70*	
33 42 11 00-0453	LF	102" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	604.78	108.21
		For Bituminous Coated Pipe, Add	*76.66*	
		For Bituminous Coated And 25% Paved, Add	*150.25*	
		For Smooth-Flo, Add	*303.56*	
33 42 11 00-0454	LF	108" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	642.51	120.24
		For Bituminous Coated Pipe, Add	*80.41*	
		For Bituminous Coated And 25% Paved, Add	*157.60*	
		For Smooth-Flo, Add	*318.41*	
33 42 11 00-0455	LF	114" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	679.41	132.26
		For Bituminous Coated Pipe, Add	*84.09*	
		For Bituminous Coated And 25% Paved, Add	*164.81*	
		For Smooth-Flo, Add	*332.98*	
33 42 11 00-0456		12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Piping *(33 42 11 00-0430)*		
33 42 11 00-0457	LF	60" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	367.61	43.29
		For Bituminous Coated Pipe, Add	*56.26*	
		For Bituminous Coated And 25% Paved, Add	*107.17*	
		For Smooth-Flo, Add	*174.67*	
33 42 11 00-0458	LF	66" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	447.75	52.91
		For Bituminous Coated Pipe, Add	*68.83*	
		For Bituminous Coated And 25% Paved, Add	*131.12*	
		For Smooth-Flo, Add	*213.72*	
33 42 11 00-0459	LF	72" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	522.20	76.95
		For Bituminous Coated Pipe, Add	*73.83*	
		For Bituminous Coated And 25% Paved, Add	*140.65*	
		For Smooth-Flo, Add	*229.25*	
33 42 11 00-0460	LF	78" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	562.57	84.16
		For Bituminous Coated Pipe, Add	*78.85*	
		For Bituminous Coated And 25% Paved, Add	*150.20*	
		For Smooth-Flo, Add	*244.82*	
33 42 11 00-0461	LF	84" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	599.78	90.18
		For Bituminous Coated Pipe, Add	*83.88*	
		For Bituminous Coated And 25% Paved, Add	*159.80*	
		For Smooth-Flo, Add	*260.46*	
33 42 11 00-0462	LF	90" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	636.88	96.19
		For Bituminous Coated Pipe, Add	*88.90*	
		For Bituminous Coated And 25% Paved, Add	*169.35*	
		For Smooth-Flo, Add	*276.03*	
33 42 11 00-0463	LF	96" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	674.91	102.20
		For Bituminous Coated Pipe, Add	*93.92*	
		For Bituminous Coated And 25% Paved, Add	*178.93*	
		For Smooth-Flo, Add	*291.63*	
33 42 11 00-0464	LF	102" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	716.30	108.21
		For Bituminous Coated Pipe, Add	*98.96*	
		For Bituminous Coated And 25% Paved, Add	*188.52*	
		For Smooth-Flo, Add	*307.27*	
33 42 11 00-0465	LF	108" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	760.35	120.24
		For Bituminous Coated Pipe, Add	*103.97*	
		For Bituminous Coated And 25% Paved, Add	*198.07*	
		For Smooth-Flo, Add	*322.84*	
33 42 11 00-0466	LF	114" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	803.74	132.26
		For Bituminous Coated Pipe, Add	*108.95*	
		For Bituminous Coated And 25% Paved, Add	*207.55*	
		For Smooth-Flo, Add	*338.30*	
33 42 11 00-0467	LF	120" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	845.91	144.29
		For Bituminous Coated Pipe, Add	*113.99*	
		For Bituminous Coated And 25% Paved, Add	*217.15*	
		For Smooth-Flo, Add	*353.94*	
33 42 11 00-0468		10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Piping *(33 42 11 00-0430)*		
33 42 11 00-0469	LF	72" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	596.21	76.95
		For Bituminous Coated Pipe, Add	*88.64*	
		For Bituminous Coated And 25% Paved, Add	*168.41*	
		For Smooth-Flo, Add	*225.14*	
33 42 11 00-0470	LF	78" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	642.66	84.16
		For Bituminous Coated Pipe, Add	*94.86*	
		For Bituminous Coated And 25% Paved, Add	*180.24*	
		For Smooth-Flo, Add	*240.95*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0471	LF	84" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	685.94	90.18
		For Bituminous Coated Pipe, Add	*101.12*	
		For Bituminous Coated And 25% Paved, Add	*192.12*	
		For Smooth-Flo, Add	*256.83*	
33 42 11 00-0472	LF	90" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	729.11	96.19
		For Bituminous Coated Pipe, Add	*107.34*	
		For Bituminous Coated And 25% Paved, Add	*203.95*	
		For Smooth-Flo, Add	*272.65*	
33 42 11 00-0473	LF	96" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	773.21	102.20
		For Bituminous Coated Pipe, Add	*113.58*	
		For Bituminous Coated And 25% Paved, Add	*215.81*	
		For Smooth-Flo, Add	*288.50*	
33 42 11 00-0474	LF	102" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	820.68	108.21
		For Bituminous Coated Pipe, Add	*119.84*	
		For Bituminous Coated And 25% Paved, Add	*227.69*	
		For Smooth-Flo, Add	*304.38*	
33 42 11 00-0475	LF	108" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	870.80	120.24
		For Bituminous Coated Pipe, Add	*126.06*	
		For Bituminous Coated And 25% Paved, Add	*239.52*	
		For Smooth-Flo, Add	*320.20*	
33 42 11 00-0476	LF	114" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	920.20	132.26
		For Bituminous Coated Pipe, Add	*132.24*	
		For Bituminous Coated And 25% Paved, Add	*251.26*	
		For Smooth-Flo, Add	*335.90*	
33 42 11 00-0477	LF	120" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	968.50	144.29
		For Bituminous Coated Pipe, Add	*138.51*	
		For Bituminous Coated And 25% Paved, Add	*263.17*	
		For Smooth-Flo, Add	*351.81*	
33 42 11 00-0478	LF	126" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	1,018.90	156.31
		For Bituminous Coated Pipe, Add	*144.71*	
		For Bituminous Coated And 25% Paved, Add	*274.96*	
		For Smooth-Flo, Add	*367.57*	
33 42 11 00-0479	LF	132" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	1,072.44	168.34
		For Bituminous Coated Pipe, Add	*150.97*	
		For Bituminous Coated And 25% Paved, Add	*286.84*	
		For Smooth-Flo, Add	*383.45*	
33 42 11 00-0480	LF	138" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe	1,129.69	180.36
		For Bituminous Coated Pipe, Add	*157.23*	
		For Bituminous Coated And 25% Paved, Add	*298.74*	
		For Smooth-Flo, Add	*399.36*	
33 42 11 00-0481		125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Piping *(33 42 11 00-0388)*		
33 42 11 00-0482		16 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Piping *(33 42 11 00-0481)*		
33 42 11 00-0483	LF	48" 16 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	209.34	36.07
		For Bituminous Coated Pipe, Add	*35.07*	
		For Bituminous Coated And 25% Paved, Add	*79.96*	
		For Smooth-Flo, Add	*126.95*	
33 42 11 00-0484	LF	54" 16 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	251.12	40.88
		For Bituminous Coated Pipe, Add	*42.98*	
		For Bituminous Coated And 25% Paved, Add	*97.98*	
		For Smooth-Flo, Add	*155.57*	
33 42 11 00-0485	LF	60" 16 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	273.29	43.29
		For Bituminous Coated Pipe, Add	*46.74*	
		For Bituminous Coated And 25% Paved, Add	*106.57*	
		For Smooth-Flo, Add	*169.20*	
33 42 11 00-0486	LF	66" 16 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	338.96	52.91
		For Bituminous Coated Pipe, Add	*58.84*	
		For Bituminous Coated And 25% Paved, Add	*134.16*	
		For Smooth-Flo, Add	*213.01*	
33 42 11 00-0487	LF	72" 16 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	403.77	76.95
		For Bituminous Coated Pipe, Add	*62.69*	
		For Bituminous Coated And 25% Paved, Add	*142.92*	
		For Smooth-Flo, Add	*226.92*	
33 42 11 00-0488	LF	78" 16 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	434.38	84.16
		For Bituminous Coated Pipe, Add	*66.51*	
		For Bituminous Coated And 25% Paved, Add	*151.64*	
		For Smooth-Flo, Add	*240.77*	
33 42 11 00-0489	LF	84" 16 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	461.64	90.18
		For Bituminous Coated Pipe, Add	*70.32*	
		For Bituminous Coated And 25% Paved, Add	*160.33*	
		For Smooth-Flo, Add	*254.56*	
33 42 11 00-0490	LF	90" 16 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	488.85	96.19
		For Bituminous Coated Pipe, Add	*74.12*	
		For Bituminous Coated And 25% Paved, Add	*168.98*	
		For Smooth-Flo, Add	*268.30*	
33 42 11 00-0491	LF	96" 16 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	517.18	102.20
		For Bituminous Coated Pipe, Add	*77.97*	
		For Bituminous Coated And 25% Paved, Add	*177.78*	
		For Smooth-Flo, Add	*282.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0492	LF	102" 16 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	549.17	108.21
		For Bituminous Coated Pipe, Add	*81.92*	
		For Bituminous Coated And 25% Paved, Add	*186.77*	
		For Smooth-Flo, Add	*296.54*	

33 42 11 00-0493 14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Piping *(33 42 11 00-0481)*

33 42 11 00-0494	LF	54" 14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	284.70	40.88
		For Bituminous Coated Pipe, Add	*41.10*	
		For Bituminous Coated And 25% Paved, Add	*96.58*	
		For Smooth-Flo, Add	*174.86*	
33 42 11 00-0495	LF	60" 14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	310.63	43.29
		For Bituminous Coated Pipe, Add	*44.86*	
		For Bituminous Coated And 25% Paved, Add	*105.42*	
		For Smooth-Flo, Add	*190.88*	
33 42 11 00-0496	LF	66" 14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	379.69	52.91
		For Bituminous Coated Pipe, Add	*55.22*	
		For Bituminous Coated And 25% Paved, Add	*129.77*	
		For Smooth-Flo, Add	*234.96*	
33 42 11 00-0497	LF	72" 14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	447.77	76.95
		For Bituminous Coated Pipe, Add	*58.95*	
		For Bituminous Coated And 25% Paved, Add	*138.53*	
		For Smooth-Flo, Add	*250.82*	
33 42 11 00-0498	LF	78" 14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	482.37	84.16
		For Bituminous Coated Pipe, Add	*62.81*	
		For Bituminous Coated And 25% Paved, Add	*147.59*	
		For Smooth-Flo, Add	*267.24*	
33 42 11 00-0499	LF	84" 14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	513.38	90.18
		For Bituminous Coated Pipe, Add	*66.60*	
		For Bituminous Coated And 25% Paved, Add	*156.52*	
		For Smooth-Flo, Add	*283.40*	
33 42 11 00-0500	LF	90" 14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	542.44	96.19
		For Bituminous Coated Pipe, Add	*70.01*	
		For Bituminous Coated And 25% Paved, Add	*164.52*	
		For Smooth-Flo, Add	*297.89*	
33 42 11 00-0501	LF	96" 14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	576.18	102.20
		For Bituminous Coated Pipe, Add	*74.18*	
		For Bituminous Coated And 25% Paved, Add	*174.32*	
		For Smooth-Flo, Add	*315.63*	
33 42 11 00-0502	LF	102" 14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	611.33	108.21
		For Bituminous Coated Pipe, Add	*77.97*	
		For Bituminous Coated And 25% Paved, Add	*183.22*	
		For Smooth-Flo, Add	*331.75*	
33 42 11 00-0503	LF	108" 14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	649.06	120.24
		For Bituminous Coated Pipe, Add	*81.72*	
		For Bituminous Coated And 25% Paved, Add	*192.03*	
		For Smooth-Flo, Add	*347.70*	
33 42 11 00-0504	LF	114" 14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	686.80	132.26
		For Bituminous Coated Pipe, Add	*85.56*	
		For Bituminous Coated And 25% Paved, Add	*201.08*	
		For Smooth-Flo, Add	*364.07*	

33 42 11 00-0505 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Piping *(33 42 11 00-0481)*

33 42 11 00-0506	LF	60" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	380.53	43.29
		For Bituminous Coated Pipe, Add	*58.84*	
		For Bituminous Coated And 25% Paved, Add	*111.80*	
		For Smooth-Flo, Add	*201.82*	
33 42 11 00-0507	LF	66" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	456.68	52.91
		For Bituminous Coated Pipe, Add	*70.62*	
		For Bituminous Coated And 25% Paved, Add	*134.17*	
		For Smooth-Flo, Add	*242.22*	
33 42 11 00-0508	LF	72" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	532.08	76.95
		For Bituminous Coated Pipe, Add	*75.81*	
		For Bituminous Coated And 25% Paved, Add	*144.04*	
		For Smooth-Flo, Add	*260.03*	
33 42 11 00-0509	LF	78" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	573.17	84.16
		For Bituminous Coated Pipe, Add	*80.97*	
		For Bituminous Coated And 25% Paved, Add	*153.84*	
		For Smooth-Flo, Add	*277.71*	
33 42 11 00-0510	LF	84" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	610.74	90.18
		For Bituminous Coated Pipe, Add	*86.08*	
		For Bituminous Coated And 25% Paved, Add	*163.54*	
		For Smooth-Flo, Add	*295.24*	
33 42 11 00-0511	LF	90" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	648.67	96.19
		For Bituminous Coated Pipe, Add	*91.26*	
		For Bituminous Coated And 25% Paved, Add	*173.39*	
		For Smooth-Flo, Add	*313.01*	
33 42 11 00-0512	LF	96" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	687.29	102.20
		For Bituminous Coated Pipe, Add	*96.40*	
		For Bituminous Coated And 25% Paved, Add	*183.16*	
		For Smooth-Flo, Add	*330.65*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0513	LF	102" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	729.16	108.21
		For Bituminous Coated Pipe, Add	*101.53*	
		For Bituminous Coated And 25% Paved, Add	*192.91*	
		For Smooth-Flo, Add	*348.25*	
33 42 11 00-0514	LF	108" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	774.04	120.24
		For Bituminous Coated Pipe, Add	*106.71*	
		For Bituminous Coated And 25% Paved, Add	*202.75*	
		For Smooth-Flo, Add	*366.02*	
33 42 11 00-0515	LF	114" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	818.27	132.26
		For Bituminous Coated Pipe, Add	*111.86*	
		For Bituminous Coated And 25% Paved, Add	*212.53*	
		For Smooth-Flo, Add	*383.67*	
33 42 11 00-0516	LF	120" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	860.97	144.29
		For Bituminous Coated Pipe, Add	*117.00*	
		For Bituminous Coated And 25% Paved, Add	*222.30*	
		For Smooth-Flo, Add	*401.32*	

33 42 11 00-0517 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Piping *(33 42 11 00-0481)*

33 42 11 00-0518	LF	72" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	612.82	76.95
		For Bituminous Coated Pipe, Add	*91.96*	
		For Bituminous Coated And 25% Paved, Add	*174.72*	
		For Smooth-Flo, Add	*274.49*	
33 42 11 00-0519	LF	78" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	661.42	84.16
		For Bituminous Coated Pipe, Add	*98.62*	
		For Bituminous Coated And 25% Paved, Add	*187.37*	
		For Smooth-Flo, Add	*294.37*	
33 42 11 00-0520	LF	84" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	706.01	90.18
		For Bituminous Coated Pipe, Add	*105.13*	
		For Bituminous Coated And 25% Paved, Add	*199.75*	
		For Smooth-Flo, Add	*313.81*	
33 42 11 00-0521	LF	90" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	750.31	96.19
		For Bituminous Coated Pipe, Add	*111.58*	
		For Bituminous Coated And 25% Paved, Add	*212.01*	
		For Smooth-Flo, Add	*333.08*	
33 42 11 00-0522	LF	96" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	795.84	102.20
		For Bituminous Coated Pipe, Add	*118.11*	
		For Bituminous Coated And 25% Paved, Add	*224.41*	
		For Smooth-Flo, Add	*352.56*	
33 42 11 00-0523	LF	102" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	844.38	108.21
		For Bituminous Coated Pipe, Add	*124.58*	
		For Bituminous Coated And 25% Paved, Add	*236.69*	
		For Smooth-Flo, Add	*371.86*	
33 42 11 00-0524	LF	108" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	895.93	120.24
		For Bituminous Coated Pipe, Add	*131.09*	
		For Bituminous Coated And 25% Paved, Add	*249.07*	
		For Smooth-Flo, Add	*391.30*	
33 42 11 00-0525	LF	114" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	946.94	132.26
		For Bituminous Coated Pipe, Add	*137.59*	
		For Bituminous Coated And 25% Paved, Add	*261.42*	
		For Smooth-Flo, Add	*410.71*	
33 42 11 00-0526	LF	120" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	996.25	144.29
		For Bituminous Coated Pipe, Add	*144.06*	
		For Bituminous Coated And 25% Paved, Add	*273.71*	
		For Smooth-Flo, Add	*430.01*	
33 42 11 00-0527	LF	126" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	1,058.31	156.31
		For Bituminous Coated Pipe, Add	*152.60*	
		For Bituminous Coated And 25% Paved, Add	*289.93*	
		For Smooth-Flo, Add	*455.50*	
33 42 11 00-0528	LF	132" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	1,115.78	168.34
		For Bituminous Coated Pipe, Add	*159.63*	
		For Bituminous Coated And 25% Paved, Add	*303.30*	
		For Smooth-Flo, Add	*476.51*	
33 42 11 00-0529	LF	138" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	1,178.27	180.36
		For Bituminous Coated Pipe, Add	*166.95*	
		For Bituminous Coated And 25% Paved, Add	*317.20*	
		For Smooth-Flo, Add	*498.33*	

33 42 11 00-0530 Helical Ribbed, Galvanized Corrugated Steel Piping *(33 42 11 00-0388)*

33 42 11 00-0531 16 Gauge, Helical Ribbed, Galvanized Corrugated Steel Piping *(33 42 11 00-0530)*

33 42 11 00-0532	LF	18" 16 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	73.18	13.73
		For Bituminous Coated Pipe, Add	*10.81*	
33 42 11 00-0533	LF	21" 16 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	84.17	14.88
		For Bituminous Coated Pipe, Add	*12.88*	
33 42 11 00-0534	LF	24" 16 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	94.16	16.02
		For Bituminous Coated Pipe, Add	*14.62*	
33 42 11 00-0535	LF	30" 16 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	123.12	20.60
		For Bituminous Coated Pipe, Add	*18.84*	
33 42 11 00-0536	LF	36" 16 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	157.45	26.45
		For Bituminous Coated Pipe, Add	*23.61*	
33 42 11 00-0537	LF	42" 16 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	180.72	31.26
		For Bituminous Coated Pipe, Add	*27.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0538	LF	48" 16 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	203.57	36.07
		For Bituminous Coated Pipe, Add	*31.34*	
33 42 11 00-0539	LF	54" 16 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	243.98	40.88
		For Bituminous Coated Pipe, Add	*38.39*	
33 42 11 00-0540	LF	60" 16 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	266.21	43.29
		For Bituminous Coated Pipe, Add	*41.91*	

33 42 11 00-0541 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Piping *(33 42 11 00-0530)*

33 42 11 00-0542	LF	18" 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	80.92	13.73
		For Bituminous Coated Pipe, Add	*12.50*	
33 42 11 00-0543	LF	21" 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	93.22	14.88
		For Bituminous Coated Pipe, Add	*14.86*	
33 42 11 00-0544	LF	24" 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	104.46	16.02
		For Bituminous Coated Pipe, Add	*16.88*	
33 42 11 00-0545	LF	30" 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	135.92	20.60
		For Bituminous Coated Pipe, Add	*21.64*	
33 42 11 00-0546	LF	36" 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	172.87	26.45
		For Bituminous Coated Pipe, Add	*26.97*	
33 42 11 00-0547	LF	42" 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	198.76	31.26
		For Bituminous Coated Pipe, Add	*31.77*	
33 42 11 00-0548	LF	48" 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	224.17	36.07
		For Bituminous Coated Pipe, Add	*35.83*	
33 42 11 00-0549	LF	54" 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	267.14	40.88
		For Bituminous Coated Pipe, Add	*43.41*	
33 42 11 00-0550	LF	60" 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	291.99	43.29
		For Bituminous Coated Pipe, Add	*47.51*	
33 42 11 00-0551	LF	66" 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	359.09	52.91
		For Bituminous Coated Pipe, Add	*59.02*	
33 42 11 00-0552	LF	72" 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	426.03	76.95
		For Bituminous Coated Pipe, Add	*63.06*	
33 42 11 00-0553	LF	78" 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	459.15	84.16
		For Bituminous Coated Pipe, Add	*67.18*	

33 42 11 00-0554 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Piping *(33 42 11 00-0530)*

33 42 11 00-0555	LF	30" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	161.88	20.60
		For Bituminous Coated Pipe, Add	*22.61*	
33 42 11 00-0556	LF	36" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	203.90	26.45
		For Bituminous Coated Pipe, Add	*27.93*	
33 42 11 00-0557	LF	42" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	235.09	31.26
		For Bituminous Coated Pipe, Add	*32.86*	
33 42 11 00-0558	LF	48" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	265.61	36.07
		For Bituminous Coated Pipe, Add	*37.15*	
33 42 11 00-0559	LF	54" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	313.82	40.88
		For Bituminous Coated Pipe, Add	*44.34*	
33 42 11 00-0560	LF	60" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	343.91	43.29
		For Bituminous Coated Pipe, Add	*48.68*	
33 42 11 00-0561	LF	66" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	416.07	52.91
		For Bituminous Coated Pipe, Add	*59.06*	
33 42 11 00-0562	LF	72" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	488.14	76.95
		For Bituminous Coated Pipe, Add	*63.34*	
33 42 11 00-0563	LF	78" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	526.37	84.16
		For Bituminous Coated Pipe, Add	*67.67*	
33 42 11 00-0564	LF	84" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	561.20	90.18
		For Bituminous Coated Pipe, Add	*71.98*	
33 42 11 00-0565	LF	90" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	595.97	96.19
		For Bituminous Coated Pipe, Add	*76.28*	
33 42 11 00-0566	LF	96" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	631.62	102.20
		For Bituminous Coated Pipe, Add	*80.58*	
33 42 11 00-0567	LF	102" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe	668.07	108.21
		For Bituminous Coated Pipe, Add	*84.40*	

33 42 11 00-0568 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Piping *(33 42 11 00-0388)*

33 42 11 00-0569 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Piping *(33 42 11 00-0568)*

33 42 11 00-0570	LF	6" 18 Gauge, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe	25.00	6.87
		For Bituminous Coated Pipe, Add	*2.76*	
33 42 11 00-0571	LF	6" 16 Gauge, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe	27.31	6.87
		For Bituminous Coated Pipe, Add	*3.33*	
33 42 11 00-0572	LF	8" 18 Gauge, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe	31.57	8.58
		For Bituminous Coated Pipe, Add	*3.66*	
33 42 11 00-0573	LF	8" 16 Gauge, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe	34.49	8.58
		For Bituminous Coated Pipe, Add	*4.37*	
33 42 11 00-0574	LF	10" 18 Gauge, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe	39.87	10.30
		For Bituminous Coated Pipe, Add	*4.59*	
33 42 11 00-0575	LF	10" 16 Gauge, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe	43.58	10.30
		For Bituminous Coated Pipe, Add	*5.50*	

33 42 11 00-0576 Perforated, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Piping *(33 42 11 00-0568)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0577	LF	6" 18 Gauge, Perforated, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe	25.32	6.87
		For Bituminous Coated Pipe, Add	*2.72*	
33 42 11 00-0578	LF	6" 16 Gauge, Perforated, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe	27.56	6.87
		For Bituminous Coated Pipe, Add	*3.25*	
33 42 11 00-0579	LF	8" 18 Gauge, Perforated, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe	31.89	8.58
		For Bituminous Coated Pipe, Add	*3.58*	
33 42 11 00-0580	LF	8" 16 Gauge, Perforated, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe	35.00	8.58
		For Bituminous Coated Pipe, Add	*4.31*	
33 42 11 00-0581	LF	10" 18 Gauge, Perforated, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe	40.42	10.30
		For Bituminous Coated Pipe, Add	*4.53*	
33 42 11 00-0582	LF	10" 16 Gauge, Perforated, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe	44.23	10.30
		For Bituminous Coated Pipe, Add	*5.43*	

33 42 11 00-0583 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe Fittings *(33 42 11 00-0568)*

33 42 11 00-0584	EA	6" 18 Gauge, Connection Band For 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe	17.06	
		For Bituminous Coated Pipe, Add	*3.84*	
33 42 11 00-0585	EA	8" 18 Gauge, Connection Band For 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe	22.58	
		For Bituminous Coated Pipe, Add	*5.08*	
33 42 11 00-0586	EA	10" 18 Gauge, Connection Band For 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe	27.69	
		For Bituminous Coated Pipe, Add	*6.23*	
33 42 11 00-0587	EA	6" 18 Gauge, Band Elbows For 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe	61.52	
		For Bituminous Coated Pipe, Add	*8.49*	
33 42 11 00-0588	EA	6" End Caps For 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe	11.96	
		For Bituminous Coated Pipe, Add	*1.94*	
33 42 11 00-0589	EA	8" End Caps For 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe	15.44	
		For Bituminous Coated Pipe, Add	*2.91*	

33 42 11 00-0590 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Piping *(33 42 11 00-0388)*

33 42 11 00-0591 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Piping *(33 42 11 00-0590)*

33 42 11 00-0592	LF	12" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	82.52	12.02
33 42 11 00-0593	LF	15" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	98.36	12.59
33 42 11 00-0594	LF	18" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	114.69	13.73
33 42 11 00-0595	LF	21" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	133.97	14.88
33 42 11 00-0596	LF	24" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	149.72	16.02
33 42 11 00-0597	LF	30" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	195.63	20.60
33 42 11 00-0598	LF	36" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	249.70	26.45
33 42 11 00-0599	LF	42" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	290.23	31.26
33 42 11 00-0600	LF	48" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	325.62	36.07

33 42 11 00-0601 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Piping *(33 42 11 00-0590)*

33 42 11 00-0602	LF	12" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	94.98	12.02
33 42 11 00-0603	LF	15" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	113.79	12.59
33 42 11 00-0604	LF	18" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	133.17	13.73
33 42 11 00-0605	LF	21" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	155.38	14.88
33 42 11 00-0606	LF	24" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	174.59	16.02
33 42 11 00-0607	LF	30" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	226.15	20.60
33 42 11 00-0608	LF	36" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	286.54	26.45
33 42 11 00-0609	LF	42" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	332.51	31.26
33 42 11 00-0610	LF	48" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	373.87	36.07
33 42 11 00-0611	LF	54" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	454.13	40.88

33 42 11 00-0612 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Piping *(33 42 11 00-0590)*

33 42 11 00-0613	LF	18" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	171.70	13.73
33 42 11 00-0614	LF	21" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	200.37	14.88
33 42 11 00-0615	LF	24" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	225.74	16.02
33 42 11 00-0616	LF	30" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	290.05	20.60
33 42 11 00-0617	LF	36" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	347.55	26.45
33 42 11 00-0618	LF	42" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	421.90	31.26
33 42 11 00-0619	LF	48" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	475.88	36.07
33 42 11 00-0620	LF	54" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	570.52	40.88
33 42 11 00-0621	LF	60" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	623.50	43.29
33 42 11 00-0622	LF	66" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	764.31	52.91

33 42 11 00-0623 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Piping *(33 42 11 00-0590)*

33 42 11 00-0624	LF	36" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	433.27	26.45
33 42 11 00-0625	LF	42" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	503.33	31.26
33 42 11 00-0626	LF	48" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	568.37	36.07
33 42 11 00-0627	LF	54" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	674.14	40.88
33 42 11 00-0628	LF	60" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	738.85	43.29
33 42 11 00-0629	LF	66" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	891.00	52.91
33 42 11 00-0630	LF	72" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe	997.24	76.95

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0631		3" x 1" Corrugation, Polymeric Corrugated Steel Piping *(33 42 11 00-0388)*		
33 42 11 00-0632		16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Piping *(33 42 11 00-0631)*		
33 42 11 00-0633	LF	36" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	320.44	26.45
33 42 11 00-0634	LF	42" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	371.79	31.26
33 42 11 00-0635	LF	48" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	417.06	36.07
33 42 11 00-0636	LF	54" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	506.13	40.88
33 42 11 00-0637	LF	60" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	551.08	43.29
33 42 11 00-0638	LF	66" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	703.68	52.91
33 42 11 00-0639	LF	72" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	792.18	76.95
33 42 11 00-0640	LF	78" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	846.53	84.16
33 42 11 00-0641	LF	84" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	897.73	90.18
33 42 11 00-0642	LF	90" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	948.98	96.19
33 42 11 00-0643	LF	96" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	1,000.92	102.20
33 42 11 00-0644	LF	102" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	1,056.52	108.21
33 42 11 00-0645		14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Piping *(33 42 11 00-0631)*		
33 42 11 00-0646	LF	54" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	572.75	40.88
33 42 11 00-0647	LF	60" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	624.71	43.29
33 42 11 00-0648	LF	66" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	784.78	52.91
33 42 11 00-0649	LF	72" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	880.39	76.95
33 42 11 00-0650	LF	78" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	941.95	84.16
33 42 11 00-0651	LF	84" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	1,000.62	90.18
33 42 11 00-0652	LF	90" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	1,058.87	96.19
33 42 11 00-0653	LF	96" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	1,117.96	102.20
33 42 11 00-0654	LF	102" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	1,180.82	108.21
33 42 11 00-0655	LF	108" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	1,246.26	120.24
33 42 11 00-0656	LF	114" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	1,310.36	132.26
33 42 11 00-0657		12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Piping *(33 42 11 00-0631)*		
33 42 11 00-0658	LF	60" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	792.23	43.29
33 42 11 00-0659	LF	66" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	971.14	52.91
33 42 11 00-0660	LF	72" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	1,082.90	76.95
33 42 11 00-0661	LF	78" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	1,160.70	84.16
33 42 11 00-0662	LF	84" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	1,235.52	90.18
33 42 11 00-0663	LF	90" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	1,310.04	96.19
33 42 11 00-0664	LF	96" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	1,385.50	102.20
33 42 11 00-0665	LF	102" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	1,464.49	108.21
33 42 11 00-0666	LF	108" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	1,545.95	120.24
33 42 11 00-0667	LF	114" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	1,626.54	132.26
33 42 11 00-0668	LF	120" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	1,706.32	144.29
33 42 11 00-0669		10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Piping *(33 42 11 00-0631)*		
33 42 11 00-0670	LF	72" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	1,267.43	76.95
33 42 11 00-0671	LF	78" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	1,360.26	84.16
33 42 11 00-0672	LF	84" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	1,450.25	90.18
33 42 11 00-0673	LF	90" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	1,539.85	96.19
33 42 11 00-0674	LF	96" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	1,630.51	102.20
33 42 11 00-0675	LF	102" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	1,724.64	108.21
33 42 11 00-0676	LF	108" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	1,821.27	120.24
33 42 11 00-0677	LF	114" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	1,916.91	132.26
33 42 11 00-0678	LF	120" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	2,011.83	144.29
33 42 11 00-0679	LF	126" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	2,108.58	156.31
33 42 11 00-0680	LF	132" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	2,208.78	168.34
33 42 11 00-0681	LF	138" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe	2,312.71	180.36
33 42 11 00-0682		125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Piping *(33 42 11 00-0388)*		
33 42 11 00-0683		16 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Piping *(33 42 11 00-0682)*		
33 42 11 00-0684	LF	48" 16 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	402.70	36.07
33 42 11 00-0685	LF	54" 16 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	490.33	40.88
33 42 11 00-0686	LF	60" 16 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	532.97	43.29
33 42 11 00-0687	LF	66" 16 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	670.02	52.91
33 42 11 00-0688	LF	72" 16 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	755.77	76.95
33 42 11 00-0689	LF	78" 16 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	807.25	84.16
33 42 11 00-0690	LF	84" 16 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	855.20	90.18
33 42 11 00-0691	LF	90" 16 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	903.03	96.19
33 42 11 00-0692	LF	96" 16 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	952.26	102.20
33 42 11 00-0693	LF	102" 16 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	1,005.85	108.21
33 42 11 00-0694		14 Gauge, 125mm x 25mm Corrugation, Polymeric Corrugated Steel Piping *(33 42 11 00-0682)*		
33 42 11 00-0695	LF	54" 14 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	569.45	40.88
33 42 11 00-0696	LF	60" 14 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	621.09	43.29

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0697	LF	66" 14 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	766.13	52.91
33 42 11 00-0698	LF	72" 14 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	859.62	76.95
33 42 11 00-0699	LF	78" 14 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	920.48	84.16
33 42 11 00-0700	LF	84" 14 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	977.25	90.18
33 42 11 00-0701	LF	90" 14 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	1,029.50	96.19
33 42 11 00-0702	LF	96" 14 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	1,091.57	102.20
33 42 11 00-0703	LF	102" 14 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	1,152.52	108.21
33 42 11 00-0704	LF	108" 14 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	1,215.71	120.24
33 42 11 00-0705	LF	114" 14 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	1,279.60	132.26
33 42 11 00-0706		12 Gauge, 125mm x 25mm Corrugation, Polymeric Corrugated Steel Piping *(33 42 11 00-0682)*		
33 42 11 00-0707	LF	60" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	797.72	43.29
33 42 11 00-0708	LF	66" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	961.55	52.91
33 42 11 00-0709	LF	72" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	1,073.50	76.95
33 42 11 00-0710	LF	78" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	1,150.59	84.16
33 42 11 00-0711	LF	84" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	1,223.92	90.18
33 42 11 00-0712	LF	90" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	1,298.22	96.19
33 42 11 00-0713	LF	96" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	1,372.91	102.20
33 42 11 00-0714	LF	102" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	1,450.66	108.21
33 42 11 00-0715	LF	108" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	1,531.89	120.24
33 42 11 00-0716	LF	114" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	1,612.18	132.26
33 42 11 00-0717	LF	120" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	1,690.89	144.29
33 42 11 00-0718		10 Gauge, 125mm x 25mm Corrugation, Polymeric Corrugated Steel Piping *(33 42 11 00-0682)*		
33 42 11 00-0719	LF	72" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	1,267.35	76.95
33 42 11 00-0720	LF	78" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	1,362.48	84.16
33 42 11 00-0721	LF	84" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	1,452.80	90.18
33 42 11 00-0722	LF	90" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	1,542.34	96.19
33 42 11 00-0723	LF	96" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	1,633.46	102.20
33 42 11 00-0724	LF	102" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	1,727.42	108.21
33 42 11 00-0725	LF	108" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	1,824.51	120.24
33 42 11 00-0726	LF	114" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	1,921.06	132.26
33 42 11 00-0727	LF	120" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	2,015.77	144.29
33 42 11 00-0728	LF	126" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	2,137.60	156.31
33 42 11 00-0729	LF	132" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	2,244.45	168.34
33 42 11 00-0730	LF	138" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe	2,358.13	180.36
33 42 11 00-0731		Galvanized Corrugated Steel Pipe-Arch *(33 42 11 00-0387)*		
33 42 11 00-0732		2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch *(33 42 11 00-0731)*		
33 42 11 00-0733		16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch *(33 42 11 00-0732)*		
33 42 11 00-0734	LF	17" x 13" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	57.41	12.59
		For Bituminous Coated Pipe, Add	*7.86*	
		For Bituminous Coated And 25% Paved, Add	*19.00*	
		For Smooth-Flo, Add	*31.34*	
33 42 11 00-0735	LF	21" x 15" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	64.49	13.73
		For Bituminous Coated Pipe, Add	*9.38*	
		For Bituminous Coated And 25% Paved, Add	*22.69*	
		For Smooth-Flo, Add	*37.43*	
33 42 11 00-0736	LF	24" x 18" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	74.28	14.88
		For Bituminous Coated Pipe, Add	*11.30*	
		For Bituminous Coated And 25% Paved, Add	*27.31*	
		For Smooth-Flo, Add	*45.05*	
33 42 11 00-0737	LF	28" x 20" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	83.68	16.02
		For Bituminous Coated Pipe, Add	*13.02*	
		For Bituminous Coated And 25% Paved, Add	*31.47*	
		For Smooth-Flo, Add	*51.91*	
33 42 11 00-0738	LF	35" x 24" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	108.65	20.60
		For Bituminous Coated Pipe, Add	*16.53*	
		For Bituminous Coated And 25% Paved, Add	*39.97*	
		For Smooth-Flo, Add	*65.93*	
33 42 11 00-0739	LF	42" x 29" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	141.73	26.45
		For Bituminous Coated Pipe, Add	*21.32*	
		For Bituminous Coated And 25% Paved, Add	*51.54*	
		For Smooth-Flo, Add	*85.02*	
33 42 11 00-0740		14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch *(33 42 11 00-0732)*		
33 42 11 00-0741	LF	17" x 13" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	63.78	12.59
		For Bituminous Coated Pipe, Add	*8.15*	
		For Bituminous Coated And 25% Paved, Add	*19.08*	
		For Smooth-Flo, Add	*31.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0742	LF	21" x 15" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	72.29	13.73
		For Bituminous Coated Pipe, Add	*9.78*	
		For Bituminous Coated And 25% Paved, Add	*22.88*	
		For Smooth-Flo, Add	*37.53*	
33 42 11 00-0743	LF	24" x 18" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	82.97	14.88
		For Bituminous Coated Pipe, Add	*11.62*	
		For Bituminous Coated And 25% Paved, Add	*27.19*	
		For Smooth-Flo, Add	*44.60*	
33 42 11 00-0744	LF	28" x 20" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	93.74	16.02
		For Bituminous Coated Pipe, Add	*13.40*	
		For Bituminous Coated And 25% Paved, Add	*31.36*	
		For Smooth-Flo, Add	*51.43*	
33 42 11 00-0745	LF	35" x 24" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	121.21	20.60
		For Bituminous Coated Pipe, Add	*16.97*	
		For Bituminous Coated And 25% Paved, Add	*39.71*	
		For Smooth-Flo, Add	*65.13*	
33 42 11 00-0746	LF	42" x 29" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	156.68	26.45
		For Bituminous Coated Pipe, Add	*21.62*	
		For Bituminous Coated And 25% Paved, Add	*50.59*	
		For Smooth-Flo, Add	*82.97*	
33 42 11 00-0747	LF	49" x 33" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	181.02	31.26
		For Bituminous Coated Pipe, Add	*25.76*	
		For Bituminous Coated And 25% Paved, Add	*60.26*	
		For Smooth-Flo, Add	*98.84*	
33 42 11 00-0748		12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch *(33 42 11 00-0732)*		
33 42 11 00-0749	LF	21" x 15" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	94.00	14.43
		For Bituminous Coated Pipe, Add	*10.58*	
		For Bituminous Coated And 25% Paved, Add	*23.54*	
		For Smooth-Flo, Add	*36.20*	
33 42 11 00-0750	LF	24" x 18" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	107.96	15.63
		For Bituminous Coated Pipe, Add	*12.55*	
		For Bituminous Coated And 25% Paved, Add	*27.92*	
		For Smooth-Flo, Add	*42.93*	
33 42 11 00-0751	LF	28" x 20" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	121.66	16.83
		For Bituminous Coated Pipe, Add	*14.39*	
		For Bituminous Coated And 25% Paved, Add	*32.02*	
		For Smooth-Flo, Add	*49.24*	
33 42 11 00-0752	LF	35" x 24" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	156.53	21.64
		For Bituminous Coated Pipe, Add	*18.12*	
		For Bituminous Coated And 25% Paved, Add	*40.32*	
		For Smooth-Flo, Add	*62.01*	
33 42 11 00-0753	LF	42" x 29" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	187.16	26.45
		For Bituminous Coated Pipe, Add	*22.67*	
		For Bituminous Coated And 25% Paved, Add	*50.45*	
		For Smooth-Flo, Add	*77.58*	
33 42 11 00-0754	LF	49" x 33" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	216.21	31.26
		For Bituminous Coated Pipe, Add	*26.81*	
		For Bituminous Coated And 25% Paved, Add	*59.67*	
		For Smooth-Flo, Add	*91.75*	
33 42 11 00-0755	LF	57" x 38" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	252.87	36.07
		For Bituminous Coated Pipe, Add	*31.80*	
		For Bituminous Coated And 25% Paved, Add	*70.77*	
		For Smooth-Flo, Add	*108.82*	
33 42 11 00-0756	LF	64" x 43" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	282.20	40.88
		For Bituminous Coated Pipe, Add	*35.12*	
		For Bituminous Coated And 25% Paved, Add	*78.15*	
		For Smooth-Flo, Add	*120.16*	
33 42 11 00-0757		10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch *(33 42 11 00-0732)*		
33 42 11 00-0758	LF	42" x 29" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	215.86	26.45
		For Bituminous Coated Pipe, Add	*27.32*	
		For Bituminous Coated And 25% Paved, Add	*57.51*	
		For Smooth-Flo, Add	*72.53*	
33 42 11 00-0759	LF	49" x 33" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	249.67	31.26
		For Bituminous Coated Pipe, Add	*32.22*	
		For Bituminous Coated And 25% Paved, Add	*67.84*	
		For Smooth-Flo, Add	*85.56*	
33 42 11 00-0760	LF	57" x 38" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	290.80	36.07
		For Bituminous Coated Pipe, Add	*37.92*	
		For Bituminous Coated And 25% Paved, Add	*79.83*	
		For Smooth-Flo, Add	*100.67*	
33 42 11 00-0761	LF	64" x 43" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	325.07	40.88
		For Bituminous Coated Pipe, Add	*42.04*	
		For Bituminous Coated And 25% Paved, Add	*88.51*	
		For Smooth-Flo, Add	*111.62*	
33 42 11 00-0762	LF	71" x 47" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	356.24	43.29
		For Bituminous Coated Pipe, Add	*46.15*	
		For Bituminous Coated And 25% Paved, Add	*97.17*	
		For Smooth-Flo, Add	*122.54*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0763		3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch *(33 42 11 00-0731)*		
33 42 11 00-0764		14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch *(33 42 11 00-0763)*		
33 42 11 00-0765	LF	60" x 46" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	281.79	40.88
		For Bituminous Coated Pipe, Add	*40.51*	
		For Bituminous Coated And 25% Paved, Add	*123.16*	
		For Smooth-Flo, Add	*137.75*	
33 42 11 00-0766	LF	66" x 51" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	308.01	43.29
		For Bituminous Coated Pipe, Add	*44.34*	
		For Bituminous Coated And 25% Paved, Add	*134.78*	
		For Smooth-Flo, Add	*150.74*	
33 42 11 00-0767	LF	73" x 55" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	382.01	52.91
		For Bituminous Coated Pipe, Add	*55.68*	
		For Bituminous Coated And 25% Paved, Add	*169.28*	
		For Smooth-Flo, Add	*189.33*	
33 42 11 00-0768	LF	81" x 59" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	451.52	76.95
		For Bituminous Coated Pipe, Add	*59.70*	
		For Bituminous Coated And 25% Paved, Add	*181.48*	
		For Smooth-Flo, Add	*202.97*	
33 42 11 00-0769	LF	87" x 63" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	487.91	84.16
		For Bituminous Coated Pipe, Add	*63.91*	
		For Bituminous Coated And 25% Paved, Add	*194.30*	
		For Smooth-Flo, Add	*217.31*	
33 42 11 00-0770	LF	95" x 67" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	521.12	90.18
		For Bituminous Coated Pipe, Add	*68.15*	
		For Bituminous Coated And 25% Paved, Add	*207.18*	
		For Smooth-Flo, Add	*231.72*	
33 42 11 00-0771	LF	103" x 71" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	554.23	96.19
		For Bituminous Coated Pipe, Add	*72.37*	
		For Bituminous Coated And 25% Paved, Add	*220.00*	
		For Smooth-Flo, Add	*246.05*	
33 42 11 00-0772	LF	112" x 75" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	588.15	102.20
		For Bituminous Coated Pipe, Add	*76.57*	
		For Bituminous Coated And 25% Paved, Add	*232.78*	
		For Smooth-Flo, Add	*260.34*	
33 42 11 00-0773		12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch *(33 42 11 00-0763)*		
33 42 11 00-0774	LF	66" x 51" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	373.98	43.29
		For Bituminous Coated Pipe, Add	*57.53*	
		For Bituminous Coated And 25% Paved, Add	*150.73*	
		For Smooth-Flo, Add	*178.34*	
33 42 11 00-0775	LF	73" x 55" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	455.19	52.91
		For Bituminous Coated Pipe, Add	*70.32*	
		For Bituminous Coated And 25% Paved, Add	*184.24*	
		For Smooth-Flo, Add	*217.99*	
33 42 11 00-0776	LF	81" x 59" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	531.19	76.95
		For Bituminous Coated Pipe, Add	*75.63*	
		For Bituminous Coated And 25% Paved, Add	*198.16*	
		For Smooth-Flo, Add	*234.46*	
33 42 11 00-0777	LF	87" x 63" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	574.01	84.16
		For Bituminous Coated Pipe, Add	*81.13*	
		For Bituminous Coated And 25% Paved, Add	*212.57*	
		For Smooth-Flo, Add	*251.52*	
33 42 11 00-0778	LF	95" x 67" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	613.65	90.18
		For Bituminous Coated Pipe, Add	*86.66*	
		For Bituminous Coated And 25% Paved, Add	*227.04*	
		For Smooth-Flo, Add	*268.64*	
33 42 11 00-0779	LF	103" x 71" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	653.25	96.19
		For Bituminous Coated Pipe, Add	*92.17*	
		For Bituminous Coated And 25% Paved, Add	*241.49*	
		For Smooth-Flo, Add	*285.73*	
33 42 11 00-0780	LF	112" x 75" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	693.60	102.20
		For Bituminous Coated Pipe, Add	*97.66*	
		For Bituminous Coated And 25% Paved, Add	*255.87*	
		For Smooth-Flo, Add	*302.75*	
33 42 11 00-0781	LF	117" x 79" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	737.56	108.21
		For Bituminous Coated Pipe, Add	*103.21*	
		For Bituminous Coated And 25% Paved, Add	*270.42*	
		For Smooth-Flo, Add	*319.96*	
33 42 11 00-0782	LF	128" x 83" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	784.11	120.24
		For Bituminous Coated Pipe, Add	*108.73*	
		For Bituminous Coated And 25% Paved, Add	*284.86*	
		For Smooth-Flo, Add	*337.05*	
33 42 11 00-0783	LF	137" x 87" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	832.92	132.26
		For Bituminous Coated Pipe, Add	*114.79*	
		For Bituminous Coated And 25% Paved, Add	*300.74*	
		For Smooth-Flo, Add	*355.84*	
33 42 11 00-0784		10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch *(33 42 11 00-0763)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0785	LF	81" x 59" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	605.20	76.95
		For Bituminous Coated Pipe, Add	*90.43*	
		For Bituminous Coated And 25% Paved, Add	*215.23*	
		For Smooth-Flo, Add	*233.77*	
33 42 11 00-0786	LF	87" x 63" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	654.15	84.16
		For Bituminous Coated Pipe, Add	*97.16*	
		For Bituminous Coated And 25% Paved, Add	*231.25*	
		For Smooth-Flo, Add	*251.16*	
33 42 11 00-0787	LF	95" x 67" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	699.87	90.18
		For Bituminous Coated Pipe, Add	*103.90*	
		For Bituminous Coated And 25% Paved, Add	*247.29*	
		For Smooth-Flo, Add	*268.59*	
33 42 11 00-0788	LF	103" x 71" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	745.43	96.19
		For Bituminous Coated Pipe, Add	*110.61*	
		For Bituminous Coated And 25% Paved, Add	*263.25*	
		For Smooth-Flo, Add	*285.92*	
33 42 11 00-0789	LF	112" x 75" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	791.91	102.20
		For Bituminous Coated Pipe, Add	*117.32*	
		For Bituminous Coated And 25% Paved, Add	*279.23*	
		For Smooth-Flo, Add	*303.28*	
33 42 11 00-0790	LF	117" x 79" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	841.88	108.21
		For Bituminous Coated Pipe, Add	*124.08*	
		For Bituminous Coated And 25% Paved, Add	*295.30*	
		For Smooth-Flo, Add	*320.74*	
33 42 11 00-0791	LF	128" x 83" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	894.50	120.24
		For Bituminous Coated Pipe, Add	*130.80*	
		For Bituminous Coated And 25% Paved, Add	*311.31*	
		For Smooth-Flo, Add	*338.13*	
33 42 11 00-0792	LF	137" x 87" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	948.90	132.26
		For Bituminous Coated Pipe, Add	*137.98*	
		For Bituminous Coated And 25% Paved, Add	*328.40*	
		For Smooth-Flo, Add	*356.69*	
33 42 11 00-0793	LF	142" x 91" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch	1,008.99	144.29
		For Bituminous Coated Pipe, Add	*146.61*	
		For Bituminous Coated And 25% Paved, Add	*348.92*	
		For Smooth-Flo, Add	*378.98*	

33 42 11 00-0794 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch *(33 42 11 00-0731)*

33 42 11 00-0795 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch *(33 42 11 00-0794)*

33 42 11 00-0796	LF	81" x 59" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch	538.45	76.95
		For Bituminous Coated Pipe, Add	*77.08*	
		For Bituminous Coated And 25% Paved, Add	*188.08*	
		For Smooth-Flo, Add	*239.35*	
33 42 11 00-0797	LF	87" x 63" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch	580.56	84.16
		For Bituminous Coated Pipe, Add	*82.44*	
		For Bituminous Coated And 25% Paved, Add	*201.16*	
		For Smooth-Flo, Add	*255.99*	
33 42 11 00-0798	LF	95" x 67" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch	619.07	90.18
		For Bituminous Coated Pipe, Add	*87.74*	
		For Bituminous Coated And 25% Paved, Add	*214.09*	
		For Smooth-Flo, Add	*272.44*	
33 42 11 00-0799	LF	103" x 71" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch	657.60	96.19
		For Bituminous Coated Pipe, Add	*93.04*	
		For Bituminous Coated And 25% Paved, Add	*227.02*	
		For Smooth-Flo, Add	*288.90*	
33 42 11 00-0800	LF	112" x 75" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch	697.17	102.20
		For Bituminous Coated Pipe, Add	*98.38*	
		For Bituminous Coated And 25% Paved, Add	*240.04*	
		For Smooth-Flo, Add	*305.46*	
33 42 11 00-0801	LF	117" x 79" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch	740.54	108.21
		For Bituminous Coated Pipe, Add	*103.81*	
		For Bituminous Coated And 25% Paved, Add	*253.29*	
		For Smooth-Flo, Add	*322.32*	
33 42 11 00-0802	LF	128" x 83" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch	786.49	120.24
		For Bituminous Coated Pipe, Add	*109.20*	
		For Bituminous Coated And 25% Paved, Add	*266.45*	
		For Smooth-Flo, Add	*339.07*	
33 42 11 00-0803	LF	137" x 87" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch	838.81	132.26
		For Bituminous Coated Pipe, Add	*115.97*	
		For Bituminous Coated And 25% Paved, Add	*282.96*	
		For Smooth-Flo, Add	*360.07*	

33 42 11 00-0804 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch *(33 42 11 00-0794)*

33 42 11 00-0805	LF	81" x 59" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch	620.38	76.95
		For Bituminous Coated Pipe, Add	*93.47*	
		For Bituminous Coated And 25% Paved, Add	*211.24*	
		For Smooth-Flo, Add	*229.47*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0806	LF	87" x 63" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch	669.04	84.16
		For Bituminous Coated Pipe, Add	*100.14*	
		For Bituminous Coated And 25% Paved, Add	*226.32*	
		For Smooth-Flo, Add	*245.84*	
33 42 11 00-0807	LF	95" x 67" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch	714.22	90.18
		For Bituminous Coated Pipe, Add	*106.77*	
		For Bituminous Coated And 25% Paved, Add	*241.30*	
		For Smooth-Flo, Add	*262.13*	
33 42 11 00-0808	LF	103" x 71" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch	759.60	96.19
		For Bituminous Coated Pipe, Add	*113.44*	
		For Bituminous Coated And 25% Paved, Add	*256.38*	
		For Smooth-Flo, Add	*278.50*	
33 42 11 00-0809	LF	112" x 75" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch	804.71	102.20
		For Bituminous Coated Pipe, Add	*119.88*	
		For Bituminous Coated And 25% Paved, Add	*270.94*	
		For Smooth-Flo, Add	*294.32*	
33 42 11 00-0810	LF	117" x 79" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch	855.63	108.21
		For Bituminous Coated Pipe, Add	*126.83*	
		For Bituminous Coated And 25% Paved, Add	*286.63*	
		For Smooth-Flo, Add	*311.36*	
33 42 11 00-0811	LF	128" x 83" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch	908.37	120.24
		For Bituminous Coated Pipe, Add	*133.58*	
		For Bituminous Coated And 25% Paved, Add	*301.89*	
		For Smooth-Flo, Add	*327.93*	
33 42 11 00-0812	LF	137" x 87" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch	967.42	132.26
		For Bituminous Coated Pipe, Add	*141.69*	
		For Bituminous Coated And 25% Paved, Add	*320.21*	
		For Smooth-Flo, Add	*347.84*	
33 42 11 00-0813	LF	142" x 91" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch	1,022.69	144.29
		For Bituminous Coated Pipe, Add	*149.35*	
		For Bituminous Coated And 25% Paved, Add	*337.52*	
		For Smooth-Flo, Add	*366.64*	

33 42 11 00-0814 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch *(33 42 11 00-0731)*

33 42 11 00-0815 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch *(33 42 11 00-0814)*

33 42 11 00-0816	LF	17" x 13" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	98.46	12.59
33 42 11 00-0817	LF	21" x 15" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	113.56	13.73
33 42 11 00-0818	LF	24" x 18" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	133.49	14.88
33 42 11 00-0819	LF	28" x 20" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	152.00	16.02
33 42 11 00-0820	LF	35" x 24" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	195.68	20.60
33 42 11 00-0821	LF	42" x 29" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	254.79	26.45

33 42 11 00-0822 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch *(33 42 11 00-0814)*

33 42 11 00-0823	LF	17" x 13" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	113.12	12.59
33 42 11 00-0824	LF	21" x 15" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	131.46	13.73
33 42 11 00-0825	LF	24" x 18" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	153.48	14.88
33 42 11 00-0826	LF	28" x 20" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	175.23	16.02
33 42 11 00-0827	LF	35" x 24" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	224.57	20.60
33 42 11 00-0828	LF	42" x 29" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	289.14	26.45
33 42 11 00-0829	LF	49" x 33" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	339.16	31.26

33 42 11 00-0830 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch *(33 42 11 00-0814)*

33 42 11 00-0831	LF	21" x 15" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	175.35	13.73
33 42 11 00-0832	LF	24" x 18" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	205.46	14.88
33 42 11 00-0833	LF	28" x 20" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	234.10	16.02
33 42 11 00-0834	LF	35" x 24" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	298.04	20.60
33 42 11 00-0835	LF	42" x 29" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	377.88	26.45
33 42 11 00-0836	LF	49" x 33" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	442.50	31.26
33 42 11 00-0837	LF	57" x 38" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	523.06	36.07
33 42 11 00-0838	LF	64" x 43" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	579.77	40.88

33 42 11 00-0839 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch *(33 42 11 00-0814)*

33 42 11 00-0840	LF	42" x 29" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	447.50	26.45
33 42 11 00-0841	LF	49" x 33" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	523.72	31.26
33 42 11 00-0842	LF	57" x 38" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	615.13	36.07
33 42 11 00-0843	LF	64" x 43" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	683.86	40.88
33 42 11 00-0844	LF	64" x 43" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	749.33	43.29

33 42 11 00-0845 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch *(33 42 11 00-0731)*

33 42 11 00-0846 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch *(33 42 11 00-0845)*

33 42 11 00-0847	LF	60" x 46" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	585.82	40.88
33 42 11 00-0848	LF	66" x 51" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	640.09	43.29
33 42 11 00-0849	LF	73" x 55" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	802.63	52.91

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0850	LF	81" x 59" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	901.82	76.95
33 42 11 00-0851	LF	87" x 63" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	969.46	84.16
33 42 11 00-0852	LF	95" x 67" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	1,034.03	90.18
33 42 11 00-0853	LF	103" x 71" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	1,098.31	96.19
33 42 11 00-0854	LF	112" x 75" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	1,163.59	102.20
33 42 11 00-0855		12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch *(33 42 11 00-0845)*		
33 42 11 00-0856	LF	66" x 51" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	807.93	43.29
33 42 11 00-0857	LF	73" x 55" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	989.46	52.91
33 42 11 00-0858	LF	81" x 59" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	1,105.17	76.95
33 42 11 00-0859	LF	87" x 63" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	1,189.01	84.16
33 42 11 00-0860	LF	95" x 67" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	1,269.87	90.18
33 42 11 00-0861	LF	103" x 71" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	1,350.63	96.19
33 42 11 00-0862	LF	112" x 75" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	1,432.04	102.20
33 42 11 00-0863	LF	117" x 79" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	1,517.33	108.21
33 42 11 00-0864	LF	128" x 83" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	1,605.04	120.24
33 42 11 00-0865	LF	137" x 87" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	1,699.12	132.26
33 42 11 00-0866		10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch *(33 42 11 00-0845)*		
33 42 11 00-0867	LF	81" x 59" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	1,289.65	76.95
33 42 11 00-0868	LF	87" x 63" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	1,388.74	84.16
33 42 11 00-0869	LF	95" x 67" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	1,484.84	90.18
33 42 11 00-0870	LF	103" x 71" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	1,580.42	96.19
33 42 11 00-0871	LF	112" x 75" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	1,677.02	102.20
33 42 11 00-0872	LF	117" x 79" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	1,777.39	108.21
33 42 11 00-0873	LF	128" x 83" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	1,880.29	120.24
33 42 11 00-0874	LF	137" x 87" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	1,988.23	132.26
33 42 11 00-0875	LF	142" x 91" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	2,112.63	144.29
33 42 11 00-0876		125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch *(33 42 11 00-0731)*		
33 42 11 00-0877		12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch *(33 42 11 00-0876)*		
33 42 11 00-0878	LF	81" x 59" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	1,088.58	76.95
33 42 11 00-0879	LF	87" x 63" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	1,168.28	84.16
33 42 11 00-0880	LF	95" x 67" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	1,243.96	90.18
33 42 11 00-0881	LF	103" x 71" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	1,319.55	96.19
33 42 11 00-0882	LF	112" x 75" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	1,396.49	102.20
33 42 11 00-0883	LF	117" x 79" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	1,477.91	108.21
33 42 11 00-0884	LF	128" x 83" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	1,561.63	120.24
33 42 11 00-0885	LF	137" x 87" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	1,661.32	132.26
33 42 11 00-0886		10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch *(33 42 11 00-0876)*		
33 42 11 00-0887	LF	81" x 59" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	1,285.33	76.95
33 42 11 00-0888	LF	87" x 63" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	1,380.65	84.16
33 42 11 00-0889	LF	95" x 67" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	1,472.30	90.18
33 42 11 00-0890	LF	103" x 71" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	1,564.39	96.19
33 42 11 00-0891	LF	112" x 75" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	1,654.76	102.20
33 42 11 00-0892	LF	117" x 79" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	1,754.22	108.21
33 42 11 00-0893	LF	128" x 83" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	1,854.30	120.24
33 42 11 00-0894	LF	137" x 87" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	1,970.36	132.26
33 42 11 00-0895	LF	142" x 91" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	2,078.98	144.29
33 42 11 00-0896		Aluminized Type 2 Corrugated Steel Piping *(33 42 11 00-0387)*		
33 42 11 00-0897		2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Piping *(33 42 11 00-0896)*		
33 42 11 00-0898		16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Piping *(33 42 11 00-0897)*		
33 42 11 00-0899	LF	12" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	53.91	12.02
		For 1/2 Bituminous Coated And 25% Paved, Add	*11.69*	
33 42 11 00-0900	LF	15" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	62.29	12.59
		For 1/2 Bituminous Coated And 25% Paved, Add	*14.72*	
33 42 11 00-0901	LF	18" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	70.98	13.73
		For 1/2 Bituminous Coated And 25% Paved, Add	*17.85*	
33 42 11 00-0902	LF	21" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	81.72	14.88
		For 1/2 Bituminous Coated And 25% Paved, Add	*21.34*	
33 42 11 00-0903	LF	24" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	90.88	16.02
		For 1/2 Bituminous Coated And 25% Paved, Add	*24.03*	
33 42 11 00-0904	LF	30" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	119.43	20.60
		For 1/2 Bituminous Coated And 25% Paved, Add	*31.18*	
33 42 11 00-0905	LF	36" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	153.46	26.45
		For 1/2 Bituminous Coated And 25% Paved, Add	*39.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0906	LF	42" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	176.38	31.26
		For 1/2 Bituminous Coated And 25% Paved, Add	*46.52*	
33 42 11 00-0907	LF	48" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	198.09	36.07
		For 1/2 Bituminous Coated And 25% Paved, Add	*52.13*	
33 42 11 00-0908		**14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Piping** *(33 42 11 00-0897)*		
33 42 11 00-0909	LF	12" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	60.22	12.02
		For 1/2 Bituminous Coated And 25% Paved, Add	*11.10*	
33 42 11 00-0910	LF	15" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	70.09	12.59
		For 1/2 Bituminous Coated And 25% Paved, Add	*13.94*	
33 42 11 00-0911	LF	18" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	80.27	13.73
		For 1/2 Bituminous Coated And 25% Paved, Add	*16.84*	
33 42 11 00-0912	LF	21" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	92.50	14.88
		For 1/2 Bituminous Coated And 25% Paved, Add	*20.03*	
33 42 11 00-0913	LF	24" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	103.39	16.02
		For 1/2 Bituminous Coated And 25% Paved, Add	*22.68*	
33 42 11 00-0914	LF	30" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	134.73	20.60
		For 1/2 Bituminous Coated And 25% Paved, Add	*29.13*	
33 42 11 00-0915	LF	36" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	171.98	26.45
		For 1/2 Bituminous Coated And 25% Paved, Add	*36.50*	
33 42 11 00-0916	LF	42" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	197.69	31.26
		For 1/2 Bituminous Coated And 25% Paved, Add	*42.99*	
33 42 11 00-0917	LF	48" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	222.38	36.07
		For 1/2 Bituminous Coated And 25% Paved, Add	*48.30*	
33 42 11 00-0918	LF	54" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	267.73	40.88
		For 1/2 Bituminous Coated And 25% Paved, Add	*59.38*	
33 42 11 00-0919		**12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Piping** *(33 42 11 00-0897)*		
33 42 11 00-0920	LF	18" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	99.80	13.73
		For 1/2 Bituminous Coated And 25% Paved, Add	*15.70*	
33 42 11 00-0921	LF	21" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	115.31	14.88
		For 1/2 Bituminous Coated And 25% Paved, Add	*18.58*	
33 42 11 00-0922	LF	24" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	129.29	16.02
		For 1/2 Bituminous Coated And 25% Paved, Add	*21.05*	
33 42 11 00-0923	LF	30" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	167.06	20.60
		For 1/2 Bituminous Coated And 25% Paved, Add	*26.83*	
33 42 11 00-0924	LF	36" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	210.98	26.45
		For 1/2 Bituminous Coated And 25% Paved, Add	*33.30*	
33 42 11 00-0925	LF	42" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	242.89	31.26
		For 1/2 Bituminous Coated And 25% Paved, Add	*39.06*	
33 42 11 00-0926	LF	48" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	273.95	36.07
		For 1/2 Bituminous Coated And 25% Paved, Add	*44.05*	
33 42 11 00-0927	LF	54" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	326.62	40.88
		For 1/2 Bituminous Coated And 25% Paved, Add	*53.19*	
33 42 11 00-0928	LF	60" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	356.83	43.29
		For 1/2 Bituminous Coated And 25% Paved, Add	*58.16*	
33 42 11 00-0929	LF	66" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	436.26	52.91
		For 1/2 Bituminous Coated And 25% Paved, Add	*71.52*	
33 42 11 00-0930		**10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Piping** *(33 42 11 00-0897)*		
33 42 11 00-0931	LF	36" 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	246.05	26.45
		For 1/2 Bituminous Coated And 25% Paved, Add	*36.47*	
33 42 11 00-0932	LF	42" 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	283.91	31.26
		For 1/2 Bituminous Coated And 25% Paved, Add	*42.76*	
33 42 11 00-0933	LF	48" 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	320.51	36.07
		For 1/2 Bituminous Coated And 25% Paved, Add	*48.28*	
33 42 11 00-0934	LF	54" 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	378.84	40.88
		For 1/2 Bituminous Coated And 25% Paved, Add	*57.53*	
33 42 11 00-0935	LF	60" 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	414.95	43.29
		For 1/2 Bituminous Coated And 25% Paved, Add	*63.10*	
33 42 11 00-0936	LF	66" 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	500.09	52.91
		For 1/2 Bituminous Coated And 25% Paved, Add	*76.13*	
33 42 11 00-0937	LF	72" 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	578.11	76.95
		For 1/2 Bituminous Coated And 25% Paved, Add	*81.62*	
33 42 11 00-0938		**3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Piping** *(33 42 11 00-0896)*		
33 42 11 00-0939		**16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Piping** *(33 42 11 00-0938)*		
33 42 11 00-0940	LF	36" 16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	181.03	26.45
		For 1/2 Bituminous Coated And 25% Paved, Add	*43.72*	
33 42 11 00-0941	LF	42" 16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	207.93	31.26
		For 1/2 Bituminous Coated And 25% Paved, Add	*51.35*	
33 42 11 00-0942	LF	48" 16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	233.58	36.07
		For 1/2 Bituminous Coated And 25% Paved, Add	*57.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0943	LF	54" 16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	280.18	40.88
		For 1/2 Bituminous Coated And 25% Paved, Add	*70.34*	
33 42 11 00-0944	LF	60" 16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	305.27	43.29
		For 1/2 Bituminous Coated And 25% Paved, Add	*76.63*	
33 42 11 00-0945	LF	66" 16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	384.81	52.91
		For 1/2 Bituminous Coated And 25% Paved, Add	*98.43*	
33 42 11 00-0946	LF	72" 16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	452.77	76.95
		For 1/2 Bituminous Coated And 25% Paved, Add	*104.91*	
33 42 11 00-0947	LF	78" 16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	486.66	84.16
		For 1/2 Bituminous Coated And 25% Paved, Add	*111.41*	
33 42 11 00-0948	LF	84" 16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	517.31	90.18
		For 1/2 Bituminous Coated And 25% Paved, Add	*117.93*	
33 42 11 00-0949	LF	90" 16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	547.98	96.19
		For 1/2 Bituminous Coated And 25% Paved, Add	*124.46*	
33 42 11 00-0950	LF	96" 16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	579.46	102.20
		For 1/2 Bituminous Coated And 25% Paved, Add	*130.96*	
33 42 11 00-0951	LF	102" 16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	614.42	108.21
		For 1/2 Bituminous Coated And 25% Paved, Add	*137.52*	
33 42 11 00-0952		**14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Piping**		
		(33 42 11 00-0938)		
33 42 11 00-0953	LF	54" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	311.85	40.88
		For 1/2 Bituminous Coated And 25% Paved, Add	*60.95*	
33 42 11 00-0954	LF	60" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	340.28	43.29
		For 1/2 Bituminous Coated And 25% Paved, Add	*66.53*	
33 42 11 00-0955	LF	66" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	423.34	52.91
		For 1/2 Bituminous Coated And 25% Paved, Add	*83.77*	
33 42 11 00-0956	LF	72" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	494.75	76.95
		For 1/2 Bituminous Coated And 25% Paved, Add	*89.53*	
33 42 11 00-0957	LF	78" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	532.03	84.16
		For 1/2 Bituminous Coated And 25% Paved, Add	*95.29*	
33 42 11 00-0958	LF	84" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	566.26	90.18
		For 1/2 Bituminous Coated And 25% Paved, Add	*101.11*	
33 42 11 00-0959	LF	90" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	600.26	96.19
		For 1/2 Bituminous Coated And 25% Paved, Add	*106.86*	
33 42 11 00-0960	LF	96" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	635.13	102.20
		For 1/2 Bituminous Coated And 25% Paved, Add	*112.62*	
33 42 11 00-0961	LF	102" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	673.49	108.21
		For 1/2 Bituminous Coated And 25% Paved, Add	*118.42*	
33 42 11 00-0962	LF	108" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	714.56	120.24
		For 1/2 Bituminous Coated And 25% Paved, Add	*124.21*	
33 42 11 00-0963	LF	114" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	754.79	132.26
		For 1/2 Bituminous Coated And 25% Paved, Add	*129.90*	
33 42 11 00-0964		**12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Piping**		
		(33 42 11 00-0938)		
33 42 11 00-0965	LF	60" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	418.10	43.29
		For 1/2 Bituminous Coated And 25% Paved, Add	*89.25*	
33 42 11 00-0966	LF	66" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	509.49	52.91
		For 1/2 Bituminous Coated And 25% Paved, Add	*109.19*	
33 42 11 00-0967	LF	72" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	588.41	76.95
		For 1/2 Bituminous Coated And 25% Paved, Add	*117.12*	
33 42 11 00-0968	LF	78" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	633.31	84.16
		For 1/2 Bituminous Coated And 25% Paved, Add	*125.08*	
33 42 11 00-0969	LF	84" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	675.04	90.18
		For 1/2 Bituminous Coated And 25% Paved, Add	*133.07*	
33 42 11 00-0970	LF	90" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	716.67	96.19
		For 1/2 Bituminous Coated And 25% Paved, Add	*141.03*	
33 42 11 00-0971	LF	96" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	759.10	102.20
		For 1/2 Bituminous Coated And 25% Paved, Add	*148.97*	
33 42 11 00-0972	LF	102" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	805.02	108.21
		For 1/2 Bituminous Coated And 25% Paved, Add	*156.97*	
33 42 11 00-0973	LF	108" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	853.59	120.24
		For 1/2 Bituminous Coated And 25% Paved, Add	*164.93*	
33 42 11 00-0974	LF	114" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	901.45	132.26
		For 1/2 Bituminous Coated And 25% Paved, Add	*172.82*	
33 42 11 00-0975	LF	120" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	948.14	144.29
		For 1/2 Bituminous Coated And 25% Paved, Add	*180.82*	
33 42 11 00-0976		**10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Piping**		
		(33 42 11 00-0938)		
33 42 11 00-0977	LF	72" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	675.76	76.95
		For 1/2 Bituminous Coated And 25% Paved, Add	*143.75*	
33 42 11 00-0978	LF	78" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	727.69	84.16
		For 1/2 Bituminous Coated And 25% Paved, Add	*153.82*	
33 42 11 00-0979	LF	84" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	776.62	90.18
		For 1/2 Bituminous Coated And 25% Paved, Add	*163.97*	
33 42 11 00-0980	LF	90" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	825.33	96.19
		For 1/2 Bituminous Coated And 25% Paved, Add	*174.06*	
33 42 11 00-0981	LF	96" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	875.03	102.20
		For 1/2 Bituminous Coated And 25% Paved, Add	*184.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0982	LF	102" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	928.16	108.21
		For 1/2 Bituminous Coated And 25% Paved, Add	*194.33*	
33 42 11 00-0983	LF	108" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	983.81	120.24
		For 1/2 Bituminous Coated And 25% Paved, Add	*204.42*	
33 42 11 00-0984	LF	114" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	1,038.81	132.26
		For 1/2 Bituminous Coated And 25% Paved, Add	*214.45*	
33 42 11 00-0985	LF	120" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	1,092.71	144.29
		For 1/2 Bituminous Coated And 25% Paved, Add	*224.61*	
33 42 11 00-0986	LF	126" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	1,148.70	156.31
		For 1/2 Bituminous Coated And 25% Paved, Add	*234.68*	
33 42 11 00-0987	LF	132" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	1,207.84	168.34
		For 1/2 Bituminous Coated And 25% Paved, Add	*244.81*	
33 42 11 00-0988	LF	138" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	1,270.68	180.36
		For 1/2 Bituminous Coated And 25% Paved, Add	*254.96*	

33 42 11 00-0989 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Piping
(33 42 11 00-0896)

33 42 11 00-0990 16 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Piping *(33 42 11 00-0989)*

33 42 11 00-0991	LF	48" 16 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	234.59	36.07
		For 1/2 Bituminous Coated And 25% Paved, Add	*71.34*	
33 42 11 00-0992	LF	54" 16 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	282.02	40.88
		For 1/2 Bituminous Coated And 25% Paved, Add	*87.41*	
33 42 11 00-0993	LF	60" 16 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	306.88	43.29
		For 1/2 Bituminous Coated And 25% Paved, Add	*95.06*	
33 42 11 00-0994	LF	66" 16 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	381.24	52.91
		For 1/2 Bituminous Coated And 25% Paved, Add	*119.67*	
33 42 11 00-0995	LF	72" 16 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	448.78	76.95
		For 1/2 Bituminous Coated And 25% Paved, Add	*127.47*	
33 42 11 00-0996	LF	78" 16 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	482.19	84.16
		For 1/2 Bituminous Coated And 25% Paved, Add	*135.27*	
33 42 11 00-0997	LF	84" 16 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	512.19	90.18
		For 1/2 Bituminous Coated And 25% Paved, Add	*143.02*	
33 42 11 00-0998	LF	90" 16 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	542.09	96.19
		For 1/2 Bituminous Coated And 25% Paved, Add	*150.72*	
33 42 11 00-0999	LF	96" 16 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	573.21	102.20
		For 1/2 Bituminous Coated And 25% Paved, Add	*158.57*	
33 42 11 00-1000	LF	102" 16 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	608.05	108.21
		For 1/2 Bituminous Coated And 25% Paved, Add	*166.60*	

33 42 11 00-1001 14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Piping *(33 42 11 00-0989)*

33 42 11 00-1002	LF	54" 14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	321.62	40.88
		For 1/2 Bituminous Coated And 25% Paved, Add	*82.42*	
33 42 11 00-1003	LF	60" 14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	351.00	43.29
		For 1/2 Bituminous Coated And 25% Paved, Add	*89.99*	
33 42 11 00-1004	LF	66" 14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	429.29	52.91
		For 1/2 Bituminous Coated And 25% Paved, Add	*110.74*	
33 42 11 00-1005	LF	72" 14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	500.76	76.95
		For 1/2 Bituminous Coated And 25% Paved, Add	*118.23*	
33 42 11 00-1006	LF	78" 14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	538.82	84.16
		For 1/2 Bituminous Coated And 25% Paved, Add	*125.96*	
33 42 11 00-1007	LF	84" 14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	573.22	90.18
		For 1/2 Bituminous Coated And 25% Paved, Add	*133.57*	
33 42 11 00-1008	LF	90" 14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	605.38	96.19
		For 1/2 Bituminous Coated And 25% Paved, Add	*140.42*	
33 42 11 00-1009	LF	96" 14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	642.81	102.20
		For 1/2 Bituminous Coated And 25% Paved, Add	*148.76*	
33 42 11 00-1010	LF	102" 14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	681.41	108.21
		For 1/2 Bituminous Coated And 25% Paved, Add	*156.37*	
33 42 11 00-1011	LF	108" 14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	722.54	120.24
		For 1/2 Bituminous Coated And 25% Paved, Add	*163.90*	
33 42 11 00-1012	LF	114" 14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	763.73	132.26
		For 1/2 Bituminous Coated And 25% Paved, Add	*171.62*	

33 42 11 00-1013 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Piping *(33 42 11 00-0989)*

33 42 11 00-1014	LF	60" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	433.47	43.29
		For 1/2 Bituminous Coated And 25% Paved, Add	*99.28*	
33 42 11 00-1015	LF	66" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	520.21	52.91
		For 1/2 Bituminous Coated And 25% Paved, Add	*119.15*	
33 42 11 00-1016	LF	72" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	600.32	76.95
		For 1/2 Bituminous Coated And 25% Paved, Add	*127.92*	
33 42 11 00-1017	LF	78" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	645.99	84.16
		For 1/2 Bituminous Coated And 25% Paved, Add	*136.61*	
33 42 11 00-1018	LF	84" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	688.20	90.18
		For 1/2 Bituminous Coated And 25% Paved, Add	*145.24*	
33 42 11 00-1019	LF	90" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	730.84	96.19
		For 1/2 Bituminous Coated And 25% Paved, Add	*154.00*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-1020	LF	96" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	774.04	102.20
		For 1/2 Bituminous Coated And 25% Paved, Add	*162.66*	
33 42 11 00-1021	LF	102" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	820.56	108.21
		For 1/2 Bituminous Coated And 25% Paved, Add	*171.33*	
33 42 11 00-1022	LF	108" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	870.09	120.24
		For 1/2 Bituminous Coated And 25% Paved, Add	*180.07*	
33 42 11 00-1023	LF	114" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	918.95	132.26
		For 1/2 Bituminous Coated And 25% Paved, Add	*188.75*	
33 42 11 00-1024	LF	120" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	966.30	144.29
		For 1/2 Bituminous Coated And 25% Paved, Add	*197.44*	
33 42 11 00-1025		10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Piping *(33 42 11 00-0989)*		
33 42 11 00-1026	LF	72" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	695.65	76.95
		For 1/2 Bituminous Coated And 25% Paved, Add	*155.19*	
33 42 11 00-1027	LF	78" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	750.19	84.16
		For 1/2 Bituminous Coated And 25% Paved, Add	*166.41*	
33 42 11 00-1028	LF	84" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	800.68	90.18
		For 1/2 Bituminous Coated And 25% Paved, Add	*177.41*	
33 42 11 00-1029	LF	90" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	850.82	96.19
		For 1/2 Bituminous Coated And 25% Paved, Add	*188.31*	
33 42 11 00-1030	LF	96" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	902.12	102.20
		For 1/2 Bituminous Coated And 25% Paved, Add	*199.29*	
33 42 11 00-1031	LF	102" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	956.56	108.21
		For 1/2 Bituminous Coated And 25% Paved, Add	*210.23*	
33 42 11 00-1032	LF	108" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	1,013.94	120.24
		For 1/2 Bituminous Coated And 25% Paved, Add	*221.21*	
33 42 11 00-1033	LF	114" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	1,070.79	132.26
		For 1/2 Bituminous Coated And 25% Paved, Add	*232.18*	
33 42 11 00-1034	LF	120" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	1,125.94	144.29
		For 1/2 Bituminous Coated And 25% Paved, Add	*243.09*	
33 42 11 00-1035	LF	126" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	1,195.74	156.31
		For 1/2 Bituminous Coated And 25% Paved, Add	*257.52*	
33 42 11 00-1036	LF	132" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	1,259.52	168.34
		For 1/2 Bituminous Coated And 25% Paved, Add	*269.39*	
33 42 11 00-1037	LF	138" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe	1,328.56	180.36
		For 1/2 Bituminous Coated And 25% Paved, Add	*281.72*	
33 42 11 00-1038		Helical Ribbed, Aluminized Type 2 Corrugated Steel Piping *(33 42 11 00-0896)*		
33 42 11 00-1039		16 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Piping *(33 42 11 00-1038)*		
33 42 11 00-1040	LF	18" 16 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	81.64	13.73
33 42 11 00-1041	LF	21" 16 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	94.05	14.88
33 42 11 00-1042	LF	24" 16 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	105.47	16.02
33 42 11 00-1043	LF	30" 16 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	137.23	20.60
33 42 11 00-1044	LF	36" 16 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	174.36	26.45
33 42 11 00-1045	LF	42" 16 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	200.49	31.26
33 42 11 00-1046	LF	48" 16 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	226.13	36.07
33 42 11 00-1047	LF	54" 16 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	269.40	40.88
33 42 11 00-1048	LF	60" 16 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	294.43	43.29
33 42 11 00-1049		14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Piping *(33 42 11 00-1038)*		
33 42 11 00-1050	LF	18" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	90.81	13.73
33 42 11 00-1051	LF	21" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	104.77	14.88
33 42 11 00-1052	LF	24" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	117.62	16.02
33 42 11 00-1053	LF	30" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	152.41	20.60
33 42 11 00-1054	LF	36" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	192.64	26.45
33 42 11 00-1055	LF	42" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	221.87	31.26
33 42 11 00-1056	LF	48" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	250.55	36.07
33 42 11 00-1057	LF	54" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	296.85	40.88
33 42 11 00-1058	LF	60" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	325.04	43.29
33 42 11 00-1059	LF	66" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	395.77	52.91
33 42 11 00-1060	LF	72" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	465.99	76.95
33 42 11 00-1061	LF	78" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	502.38	84.16
33 42 11 00-1062		12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Piping *(33 42 11 00-1038)*		
33 42 11 00-1063	LF	30" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	183.20	20.60
33 42 11 00-1064	LF	36" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	229.50	26.45
33 42 11 00-1065	LF	42" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	265.04	31.26
33 42 11 00-1066	LF	48" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	299.79	36.07
33 42 11 00-1067	LF	54" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	352.22	40.88
33 42 11 00-1068	LF	60" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	386.66	43.29
33 42 11 00-1069	LF	66" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	463.41	52.91
33 42 11 00-1070	LF	72" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	539.70	76.95
33 42 11 00-1071	LF	78" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	582.22	84.16
33 42 11 00-1072	LF	84" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	621.28	90.18

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-1073	LF	90" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	660.40	96.19
33 42 11 00-1074	LF	96" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	700.21	102.20
33 42 11 00-1075	LF	102" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	740.48	108.21
33 42 11 00-1076		Aluminized Type 2 Corrugated Steel Pipe-Arch *(33 42 11 00-0387)*		
33 42 11 00-1077		2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch *(33 42 11 00-1076)*		
33 42 11 00-1078		16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch *(33 42 11 00-1077)*		
33 42 11 00-1079	LF	17" x 13" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	64.43	12.59
		For 1/2 Bituminous Coated And 40% Paved, Add	*19.02*	
33 42 11 00-1080	LF	21" x 15" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	72.89	13.73
		For 1/2 Bituminous Coated And 40% Paved, Add	*22.72*	
33 42 11 00-1081	LF	24" x 18" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	84.34	14.88
		For 1/2 Bituminous Coated And 40% Paved, Add	*27.33*	
33 42 11 00-1082	LF	28" x 20" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	95.29	16.02
		For 1/2 Bituminous Coated And 40% Paved, Add	*31.50*	
33 42 11 00-1083	LF	35" x 24" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	123.42	20.60
		For 1/2 Bituminous Coated And 40% Paved, Add	*40.01*	
33 42 11 00-1084	LF	42" x 29" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	160.79	26.45
		For 1/2 Bituminous Coated And 40% Paved, Add	*51.61*	
33 42 11 00-1085		14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch *(33 42 11 00-1077)*		
33 42 11 00-1086	LF	17" x 13" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	72.23	12.59
		For 1/2 Bituminous Coated And 40% Paved, Add	*19.71*	
33 42 11 00-1087	LF	21" x 15" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	82.35	13.73
		For 1/2 Bituminous Coated And 40% Paved, Add	*23.61*	
33 42 11 00-1088	LF	24" x 18" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	95.00	14.88
		For 1/2 Bituminous Coated And 40% Paved, Add	*28.09*	
33 42 11 00-1089	LF	28" x 20" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	107.62	16.02
		For 1/2 Bituminous Coated And 40% Paved, Add	*32.39*	
33 42 11 00-1090	LF	35" x 24" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	138.78	20.60
		For 1/2 Bituminous Coated And 40% Paved, Add	*41.02*	
33 42 11 00-1091	LF	42" x 29" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	179.07	26.45
		For 1/2 Bituminous Coated And 40% Paved, Add	*52.26*	
33 42 11 00-1092	LF	49" x 33" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	207.70	31.26
		For 1/2 Bituminous Coated And 40% Paved, Add	*62.25*	
33 42 11 00-1093		12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch *(33 42 11 00-1077)*		
33 42 11 00-1094	LF	21" x 15" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	101.65	13.73
		For 1/2 Bituminous Coated And 40% Paved, Add	*21.63*	
33 42 11 00-1095	LF	24" x 18" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	117.87	14.88
		For 1/2 Bituminous Coated And 40% Paved, Add	*25.71*	
33 42 11 00-1096	LF	28" x 20" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	133.52	16.02
		For 1/2 Bituminous Coated And 40% Paved, Add	*29.51*	
33 42 11 00-1097	LF	35" x 24" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	171.11	20.60
		For 1/2 Bituminous Coated And 40% Paved, Add	*37.24*	
33 42 11 00-1098	LF	42" x 29" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	218.13	26.45
		For 1/2 Bituminous Coated And 40% Paved, Add	*46.82*	
33 42 11 00-1099	LF	49" x 33" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	253.25	31.26
		For 1/2 Bituminous Coated And 40% Paved, Add	*55.50*	
33 42 11 00-1100	LF	57" x 38" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	297.71	36.07
		For 1/2 Bituminous Coated And 40% Paved, Add	*66.08*	
33 42 11 00-1101	LF	64" x 43" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	331.27	40.88
		For 1/2 Bituminous Coated And 40% Paved, Add	*72.84*	
33 42 11 00-1102		10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch *(33 42 11 00-1077)*		
33 42 11 00-1103	LF	42" x 29" 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	253.20	26.45
		For 1/2 Bituminous Coated And 40% Paved, Add	*49.27*	
33 42 11 00-1104	LF	49" x 33" 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	294.15	31.26
		For 1/2 Bituminous Coated And 40% Paved, Add	*58.23*	
33 42 11 00-1105	LF	57" x 38" 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	344.09	36.07
		For 1/2 Bituminous Coated And 40% Paved, Add	*68.76*	
33 42 11 00-1106	LF	64" x 43" 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	383.72	40.88
		For 1/2 Bituminous Coated And 40% Paved, Add	*76.13*	
33 42 11 00-1107	LF	71" x 47" 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	420.25	43.29
		For 1/2 Bituminous Coated And 40% Paved, Add	*83.48*	
33 42 11 00-1108		3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch *(33 42 11 00-1076)*		
33 42 11 00-1109		14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch *(33 42 11 00-1108)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-1110	LF	60" x 46" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	318.11	40.88
		For 1/2 Bituminous Coated And 40% Paved, Add	*109.41*	
33 42 11 00-1111	LF	66" x 51" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	347.72	43.29
		For 1/2 Bituminous Coated And 40% Paved, Add	*119.72*	
33 42 11 00-1112	LF	73" x 55" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	431.91	52.91
		For 1/2 Bituminous Coated And 40% Paved, Add	*150.37*	
33 42 11 00-1113	LF	81" x 59" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	504.99	76.95
		For 1/2 Bituminous Coated And 40% Paved, Add	*161.20*	
33 42 11 00-1114	LF	87" x 63" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	545.19	84.16
		For 1/2 Bituminous Coated And 40% Paved, Add	*172.60*	
33 42 11 00-1115	LF	95" x 67" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	582.16	90.18
		For 1/2 Bituminous Coated And 40% Paved, Add	*184.02*	
33 42 11 00-1116	LF	103" x 71" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	619.02	96.19
		For 1/2 Bituminous Coated And 40% Paved, Add	*195.40*	
33 42 11 00-1117	LF	112" x 75" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	656.80	102.20
		For 1/2 Bituminous Coated And 40% Paved, Add	*206.79*	

33 42 11 00-1118 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch *(33 42 11 00-1108)*

33 42 11 00-1119	LF	66" x 51" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	425.61	43.29
		For 1/2 Bituminous Coated And 40% Paved, Add	*136.05*	
33 42 11 00-1120	LF	73" x 55" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	518.25	52.91
		For 1/2 Bituminous Coated And 40% Paved, Add	*166.28*	
33 42 11 00-1121	LF	81" x 59" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	599.01	76.95
		For 1/2 Bituminous Coated And 40% Paved, Add	*178.84*	
33 42 11 00-1122	LF	87" x 63" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	646.71	84.16
		For 1/2 Bituminous Coated And 40% Paved, Add	*191.83*	
33 42 11 00-1123	LF	95" x 67" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	691.36	90.18
		For 1/2 Bituminous Coated And 40% Paved, Add	*204.91*	
33 42 11 00-1124	LF	103" x 71" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	735.90	96.19
		For 1/2 Bituminous Coated And 40% Paved, Add	*217.95*	
33 42 11 00-1125	LF	112" x 75" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	781.19	102.20
		For 1/2 Bituminous Coated And 40% Paved, Add	*230.94*	
33 42 11 00-1126	LF	117" x 79" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	830.09	108.21
		For 1/2 Bituminous Coated And 40% Paved, Add	*244.04*	
33 42 11 00-1127	LF	128" x 83" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	881.58	120.24
		For 1/2 Bituminous Coated And 40% Paved, Add	*257.08*	
33 42 11 00-1128	LF	137" x 87" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	935.86	132.26
		For 1/2 Bituminous Coated And 40% Paved, Add	*271.43*	

33 42 11 00-1129 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch *(33 42 11 00-1108)*

33 42 11 00-1130	LF	81" x 59" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	686.30	76.95
		For 1/2 Bituminous Coated And 40% Paved, Add	*193.58*	
33 42 11 00-1131	LF	87" x 63" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	741.26	84.16
		For 1/2 Bituminous Coated And 40% Paved, Add	*207.97*	
33 42 11 00-1132	LF	95" x 67" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	793.06	90.18
		For 1/2 Bituminous Coated And 40% Paved, Add	*222.41*	
33 42 11 00-1133	LF	103" x 71" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	844.62	96.19
		For 1/2 Bituminous Coated And 40% Paved, Add	*236.76*	
33 42 11 00-1134	LF	112" x 75" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	901.94	102.20
		For 1/2 Bituminous Coated And 40% Paved, Add	*252.88*	
33 42 11 00-1135	LF	112" x 75" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	953.16	108.21
		For 1/2 Bituminous Coated And 40% Paved, Add	*265.59*	
33 42 11 00-1136	LF	128" x 83" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	1,011.86	120.24
		For 1/2 Bituminous Coated And 40% Paved, Add	*280.01*	
33 42 11 00-1137	LF	137" x 87" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	1,072.64	132.26
		For 1/2 Bituminous Coated And 40% Paved, Add	*295.36*	
33 42 11 00-1138	LF	142" x 91" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	1,140.46	144.29
		For 1/2 Bituminous Coated And 40% Paved, Add	*313.81*	

33 42 11 00-1139 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch *(33 42 11 00-1076)*

33 42 11 00-1140 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch *(33 42 11 00-1139)*

33 42 11 00-1141	LF	81" x 59" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	607.82	76.95
		For 1/2 Bituminous Coated And 40% Paved, Add	*176.00*	
33 42 11 00-1142	LF	87" x 63" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	654.75	84.16
		For 1/2 Bituminous Coated And 40% Paved, Add	*188.24*	
33 42 11 00-1143	LF	95" x 67" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	698.09	90.18
		For 1/2 Bituminous Coated And 40% Paved, Add	*200.36*	
33 42 11 00-1144	LF	103" x 71" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	741.38	96.19
		For 1/2 Bituminous Coated And 40% Paved, Add	*212.46*	
33 42 11 00-1145	LF	112" x 75" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	785.72	102.20
		For 1/2 Bituminous Coated And 40% Paved, Add	*224.63*	
33 42 11 00-1146	LF	117" x 79" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	833.96	108.21
		For 1/2 Bituminous Coated And 40% Paved, Add	*237.02*	

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33 42 11 00-1147	LF	128" x 83" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	884.79	120.24
		For 1/2 Bituminous Coated And 40% Paved, Add	*249.35*	
33 42 11 00-1148	LF	137" x 87" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	943.19	132.26
		For 1/2 Bituminous Coated And 40% Paved, Add	*264.79*	
33 42 11 00-1149		**10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch** *(33 42 11 00-1139)*		
33 42 11 00-1150	LF	81" x 59" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	704.52	76.95
		For 1/2 Bituminous Coated And 40% Paved, Add	*195.23*	
33 42 11 00-1151	LF	87" x 63" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	759.19	84.16
		For 1/2 Bituminous Coated And 40% Paved, Add	*209.16*	
33 42 11 00-1152	LF	95" x 67" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	810.32	90.18
		For 1/2 Bituminous Coated And 40% Paved, Add	*223.01*	
33 42 11 00-1153	LF	103" x 71" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	861.71	96.19
		For 1/2 Bituminous Coated And 40% Paved, Add	*236.94*	
33 42 11 00-1154	LF	112" x 75" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	912.66	102.20
		For 1/2 Bituminous Coated And 40% Paved, Add	*250.41*	
33 42 11 00-1155	LF	117" x 79" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	969.78	108.21
		For 1/2 Bituminous Coated And 40% Paved, Add	*264.89*	
33 42 11 00-1156	LF	128" x 83" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	1,028.65	120.24
		For 1/2 Bituminous Coated And 40% Paved, Add	*279.01*	
33 42 11 00-1157	LF	137" x 87" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	1,094.96	132.26
		For 1/2 Bituminous Coated And 40% Paved, Add	*295.94*	
33 42 11 00-1158	LF	142" x 91" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch	1,157.14	144.29
		For 1/2 Bituminous Coated And 40% Paved, Add	*311.94*	
33 42 11 00-1159		**Spiral Lockseam Corrugated Aluminum Piping** *(33 42 11 00-0387)*		
33 42 11 00-1160		**1-1/2" x 1/4" Corrugation, Spiral Lockseam Corrugated Aluminum Piping** *(33 42 11 00-1159)*		
33 42 11 00-1161		**18 Gauge, 1-1/2" x 1/4" Corrugation, Spiral Lockseam Corrugated Aluminum Piping** *(33 42 11 00-1160)*		
33 42 11 00-1162	LF	6" 18 Gauge, 1-1/2" x 1/4" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	32.57	6.87
		For Bituminous Coated Pipe, Add	*3.62*	
33 42 11 00-1163	LF	8" 18 Gauge, 1-1/2" x 1/4" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	42.24	8.58
		For Bituminous Coated Pipe, Add	*4.91*	
33 42 11 00-1164	LF	10" 18 Gauge, 1-1/2" x 1/4" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	54.84	10.30
		For Bituminous Coated Pipe, Add	*6.47*	
33 42 11 00-1165		**16 Gauge, 1-1/2" x 1/4" Corrugation, Spiral Lockseam Corrugated Aluminum Piping** *(33 42 11 00-1160)*		
33 42 11 00-1166	LF	6" 16 Gauge, 1-1/2" x 1/4" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	36.72	6.87
		For Bituminous Coated Pipe, Add	*3.59*	
33 42 11 00-1167	LF	8" 16 Gauge, 1-1/2" x 1/4" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	48.11	8.58
		For Bituminous Coated Pipe, Add	*4.91*	
33 42 11 00-1168	LF	10" 16 Gauge, 1-1/2" x 1/4" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	62.66	10.30
		For Bituminous Coated Pipe, Add	*6.48*	
33 42 11 00-1169		**2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Piping** *(33 42 11 00-1159)*		
33 42 11 00-1170		**16 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Piping** *(33 42 11 00-1169)*		
33 42 11 00-1171	LF	12" 16 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	63.45	12.02
		For Bituminous Coated Pipe, Add	*7.12*	
33 42 11 00-1172	LF	15" 16 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	74.13	12.59
		For Bituminous Coated Pipe, Add	*8.93*	
33 42 11 00-1173	LF	18" 16 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	85.48	13.73
		For Bituminous Coated Pipe, Add	*10.86*	
33 42 11 00-1174	LF	21" 16 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	98.95	14.88
		For Bituminous Coated Pipe, Add	*12.96*	
33 42 11 00-1175	LF	24" 16 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	110.82	16.02
		For Bituminous Coated Pipe, Add	*14.69*	
33 42 11 00-1176		**14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Piping** *(33 42 11 00-1169)*		
33 42 11 00-1177	LF	12" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	72.34	12.02
		For Bituminous Coated Pipe, Add	*6.96*	
33 42 11 00-1178	LF	15" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	85.47	12.59
		For Bituminous Coated Pipe, Add	*8.76*	
33 42 11 00-1179	LF	18" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	99.06	13.73
		For Bituminous Coated Pipe, Add	*10.62*	
33 42 11 00-1180	LF	21" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	114.71	14.88
		For Bituminous Coated Pipe, Add	*12.61*	
33 42 11 00-1181	LF	24" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	128.90	16.02
		For Bituminous Coated Pipe, Add	*14.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-1182	LF	30" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	167.23	20.60
		For Bituminous Coated Pipe, Add	*18.37*	
33 42 11 00-1183	LF	36" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	211.49	26.45
		For Bituminous Coated Pipe, Add	*22.84*	
33 42 11 00-1184		**12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Piping** *(33 42 11 00-1169)*		
33 42 11 00-1185	LF	24" 12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	163.47	16.02
		For Bituminous Coated Pipe, Add	*13.60*	
33 42 11 00-1186	LF	30" 12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	210.26	20.60
		For Bituminous Coated Pipe, Add	*17.30*	
33 42 11 00-1187	LF	36" 12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	263.18	26.45
		For Bituminous Coated Pipe, Add	*21.33*	
33 42 11 00-1188	LF	42" 12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	304.75	31.26
		For Bituminous Coated Pipe, Add	*25.08*	
33 42 11 00-1189	LF	48" 12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	344.72	36.07
		For Bituminous Coated Pipe, Add	*28.39*	
33 42 11 00-1190	LF	54" 12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	406.24	40.88
		For Bituminous Coated Pipe, Add	*33.68*	
33 42 11 00-1191		**10 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Piping** *(33 42 11 00-1169)*		
33 42 11 00-1192	LF	36" 10 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	318.27	26.45
		For Bituminous Coated Pipe, Add	*20.97*	
33 42 11 00-1193	LF	42" 10 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	368.93	31.26
		For Bituminous Coated Pipe, Add	*24.62*	
33 42 11 00-1194	LF	48" 10 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	418.27	36.07
		For Bituminous Coated Pipe, Add	*27.94*	
33 42 11 00-1195	LF	54" 10 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	488.99	40.88
		For Bituminous Coated Pipe, Add	*32.78*	
33 42 11 00-1196	LF	60" 10 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	537.87	43.29
		For Bituminous Coated Pipe, Add	*36.12*	
33 42 11 00-1197		**3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Piping** *(33 42 11 00-1159)*		
33 42 11 00-1198		**16 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Piping** *(33 42 11 00-1197)*		
33 42 11 00-1199	LF	30" 16 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	164.42	20.60
33 42 11 00-1200	LF	36" 16 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	207.98	26.45
33 42 11 00-1201	LF	42" 16 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	239.21	31.26
33 42 11 00-1202	LF	48" 16 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	270.98	36.07
33 42 11 00-1203	LF	54" 16 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	320.82	40.88
33 42 11 00-1204		**14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Piping** *(33 42 11 00-1197)*		
33 42 11 00-1205	LF	30" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	187.08	20.60
33 42 11 00-1206	LF	36" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	240.32	26.45
33 42 11 00-1207	LF	42" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	276.75	31.26
33 42 11 00-1208	LF	48" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	311.95	36.07
33 42 11 00-1209	LF	54" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	368.81	40.88
33 42 11 00-1210	LF	60" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	403.36	43.29
33 42 11 00-1211	LF	66" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	491.14	52.91
33 42 11 00-1212	LF	72" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	568.32	76.95
33 42 11 00-1213	LF	78" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	611.44	84.16
33 42 11 00-1214		**12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Piping** *(33 42 11 00-1197)*		
33 42 11 00-1215	LF	30" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	240.00	20.60
33 42 11 00-1216	LF	36" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	299.83	26.45
33 42 11 00-1217	LF	42" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	347.87	31.26
33 42 11 00-1218	LF	48" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	393.51	36.07
33 42 11 00-1219	LF	54" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	460.37	40.88
33 42 11 00-1220	LF	60" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	504.75	43.29
33 42 11 00-1221	LF	66" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	602.34	52.91
33 42 11 00-1222	LF	72" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	689.59	76.95
33 42 11 00-1223	LF	78" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	742.62	84.16
33 42 11 00-1224	LF	84" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	792.53	90.18
33 42 11 00-1225	LF	90" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	842.29	96.19
33 42 11 00-1226	LF	96" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	892.91	102.20
33 42 11 00-1227		**10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Piping** *(33 42 11 00-1197)*		
33 42 11 00-1228	LF	60" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	611.39	43.29
33 42 11 00-1229	LF	66" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	715.14	52.91

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-1230	LF	72" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	812.52	76.95
33 42 11 00-1231	LF	78" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	875.68	84.16
33 42 11 00-1232	LF	84" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	935.56	90.18
33 42 11 00-1233	LF	90" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	995.42	96.19
33 42 11 00-1234	LF	96" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	1,056.09	102.20
33 42 11 00-1235	LF	102" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	1,120.32	108.21
33 42 11 00-1236	LF	108" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe	1,187.15	120.24
33 42 11 00-1237		Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Piping *(33 42 11 00-1159)*		
		Note: Contech ULTRA FLO. HS 20 and HS 25 vehicular loading.		
33 42 11 00-1238		16 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Piping *(33 42 11 00-1237)*		
33 42 11 00-1239	LF	18" 16 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	116.00	13.73
33 42 11 00-1240	LF	21" 16 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	124.71	14.88
33 42 11 00-1241	LF	24" 16 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	151.38	16.02
33 42 11 00-1242	LF	27" 16 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	174.82	18.32
33 42 11 00-1243	LF	30" 16 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	195.46	20.60
33 42 11 00-1244	LF	33" 16 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	219.07	22.89
33 42 11 00-1245		14 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Piping *(33 42 11 00-1237)*		
33 42 11 00-1246	LF	18" 14 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	135.17	13.73
33 42 11 00-1247	LF	21" 14 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	156.87	14.88
33 42 11 00-1248	LF	24" 14 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	177.16	16.02
33 42 11 00-1249	LF	27" 14 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	203.75	18.32
33 42 11 00-1250	LF	30" 14 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	227.56	20.60
33 42 11 00-1251	LF	33" 14 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	254.43	22.89
33 42 11 00-1252	LF	36" 14 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	284.34	26.45
33 42 11 00-1253	LF	42" 14 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	329.40	31.26
33 42 11 00-1254	LF	48" 14 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	372.79	36.07
33 42 11 00-1255		12 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Piping *(33 42 11 00-1237)*		
33 42 11 00-1256	LF	30" 12 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	290.32	20.60
33 42 11 00-1257	LF	33" 12 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	323.33	22.89
33 42 11 00-1258	LF	36" 12 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	359.60	26.45
33 42 11 00-1259	LF	42" 12 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	417.29	31.26
33 42 11 00-1260	LF	48" 12 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	473.24	36.07
33 42 11 00-1261	LF	54" 12 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	659.88	40.88
33 42 11 00-1262	LF	60" 12 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	726.54	43.29
33 42 11 00-1263		10 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Piping *(33 42 11 00-1237)*		
33 42 11 00-1264	LF	48" 10 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	677.89	36.07
33 42 11 00-1265	LF	54" 10 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	786.06	40.88
33 42 11 00-1266	LF	60" 10 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	866.88	43.29
33 42 11 00-1267	LF	66" 10 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	1,006.08	52.91
33 42 11 00-1268	LF	72" 10 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	1,127.63	76.95
33 42 11 00-1269	LF	78" 10 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	1,216.12	84.16
33 42 11 00-1270	LF	84" 10 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	1,300.54	90.18
33 42 11 00-1271		Spiral Lockseam Aluminum Pipe-Arch *(33 42 11 00-0387)*		
33 42 11 00-1272		2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch *(33 42 11 00-1271)*		
33 42 11 00-1273		16 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch *(33 42 11 00-1272)*		
33 42 11 00-1274	LF	17" x 13" 16 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	78.18	12.59
		For Bituminous Coated Pipe, Add	*8.95*	
33 42 11 00-1275	LF	21" x 15" 16 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	89.31	13.73
		For Bituminous Coated Pipe, Add	*10.69*	
33 42 11 00-1276	LF	24" x 18" 16 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	103.32	14.88
		For Bituminous Coated Pipe, Add	*12.72*	
33 42 11 00-1277		14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch *(33 42 11 00-1272)*		
33 42 11 00-1278	LF	17" x 13" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	89.54	12.59
		For Bituminous Coated Pipe, Add	*8.92*	
33 42 11 00-1279	LF	21" x 15" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	100.22	13.73
		For Bituminous Coated Pipe, Add	*10.28*	
33 42 11 00-1280	LF	24" x 18" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	119.07	14.88
		For Bituminous Coated Pipe, Add	*12.62*	
33 42 11 00-1281	LF	28" x 20" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	134.83	16.02
		For Bituminous Coated Pipe, Add	*14.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-1282	LF	35" x 24" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	173.12	20.60
		For Bituminous Coated Pipe, Add	*18.32*	
33 42 11 00-1283		**12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch** *(33 42 11 00-1272)*		
33 42 11 00-1284	LF	28" x 20" 12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	169.42	16.02
		For Bituminous Coated Pipe, Add	*13.80*	
33 42 11 00-1285	LF	35" x 24" 12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	216.26	20.60
		For Bituminous Coated Pipe, Add	*17.40*	
33 42 11 00-1286	LF	42" x 29" 12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	273.33	26.45
		For Bituminous Coated Pipe, Add	*21.72*	
33 42 11 00-1287	LF	49" x 33" 12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	318.12	31.26
		For Bituminous Coated Pipe, Add	*25.69*	
33 42 11 00-1288		**10 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch** *(33 42 11 00-1272)*		
33 42 11 00-1289	LF	42" x 29" 10 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	328.34	26.45
		For Bituminous Coated Pipe, Add	*20.96*	
33 42 11 00-1290	LF	49" x 33" 10 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	382.40	31.26
		For Bituminous Coated Pipe, Add	*24.73*	
33 42 11 00-1291	LF	57" x 38" 10 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	445.33	36.07
		For Bituminous Coated Pipe, Add	*28.97*	
33 42 11 00-1292	LF	64" x 43" 10 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	497.88	40.88
		For Bituminous Coated Pipe, Add	*32.24*	
33 42 11 00-1293		**3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch** *(33 42 11 00-1271)*		
33 42 11 00-1294		**14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch** *(33 42 11 00-1293)*		
33 42 11 00-1295	LF	60" x 46" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	377.71	40.88
33 42 11 00-1296	LF	66" x 51" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	413.70	43.29
33 42 11 00-1297	LF	73" x 55" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	503.92	52.91
33 42 11 00-1298		**12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch** *(33 42 11 00-1293)*		
33 42 11 00-1299	LF	60" x 46" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	469.27	40.88
33 42 11 00-1300	LF	66" x 51" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	515.09	43.29
33 42 11 00-1301	LF	73" x 55" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	614.67	52.91
33 42 11 00-1302	LF	81" x 59" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	702.85	76.95
33 42 11 00-1303	LF	87" x 63" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	756.82	84.16
33 42 11 00-1304	LF	95" x 67" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	807.67	90.18
33 42 11 00-1305		**10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch** *(33 42 11 00-1293)*		
33 42 11 00-1306	LF	66" x 51" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	621.57	43.29
33 42 11 00-1307	LF	73" x 55" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	727.01	52.91
33 42 11 00-1308	LF	81" x 59" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	825.30	76.95
33 42 11 00-1309	LF	87" x 63" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	889.40	84.16
33 42 11 00-1310	LF	95" x 67" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	950.22	90.18
33 42 11 00-1311	LF	103" x 71" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch	1,010.98	96.19
33 42 11 00-1312		**Corrugated Steel Pipe Fittings** *(33 42 11 00-0387)* Note: Equivalent pipe-arch sizes are approximate.		
33 42 11 00-1313		**Fabricate 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fittings** *(33 42 11 00-1312)* Note: Excludes material. Use appropriate size, gauge, corrugation and type of material from pipe sections for the listed requirements of pipe needed.		
33 42 11 00-1314	EA	Fabricate 6" 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 2' Of Appropriate Pipe)	105.20	
33 42 11 00-1315	EA	Fabricate 8" 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 2' Of Appropriate Pipe)	131.93	
33 42 11 00-1316	EA	Fabricate 10" 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 2' Of Appropriate Pipe)	158.66	
33 42 11 00-1317	EA	Fabricate 12" 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 4' Of Appropriate Pipe)	187.07	
33 42 11 00-1318	EA	Fabricate 15" (Or 17" x 13" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 4' Of Appropriate Pipe)	227.12	
33 42 11 00-1319	EA	Fabricate 18" (Or 21" x 15" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 4' Of Appropriate Pipe)	267.19	
33 42 11 00-1320	EA	Fabricate 21" (Or 24" x 18" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 4' Of Appropriate Pipe)	307.28	
33 42 11 00-1321	EA	Fabricate 24" (Or 28" x 20" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 4' Of Appropriate Pipe)	347.34	
33 42 11 00-1322	EA	Fabricate 30" (Or 35" x 24" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 6' Of Appropriate Pipe)	452.57	
33 42 11 00-1323	EA	Fabricate 36" (Or 42" x 29" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 6' Of Appropriate Pipe)	539.40	
33 42 11 00-1324	EA	Fabricate 42" (Or 49" x 33" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 6' Of Appropriate Pipe)	626.24	
33 42 11 00-1325	EA	Fabricate 48" (Or 57" x 38" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 6' Of Appropriate Pipe)	809.94	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-1326	EA	Fabricate 54" (Or 64" x 43" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 8' Of Appropriate Pipe)	913.50	
33 42 11 00-1327	EA	Fabricate 60" (Or 71" x 47" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 8' Of Appropriate Pipe)	1,020.37	
33 42 11 00-1328	EA	Fabricate 66" (Or 77" x 52" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 8' Of Appropriate Pipe)	1,130.59	
33 42 11 00-1329	EA	Fabricate 72" (Or 83" x 57" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 10' Of Appropriate Pipe)	1,377.75	
33 42 11 00-1330	EA	Fabricate 78" (Or 87" x 63" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 10' Of Appropriate Pipe)	1,502.98	
33 42 11 00-1331	EA	Fabricate 84" (Or 95" x 67" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 10' Of Appropriate Pipe)	1,631.57	
33 42 11 00-1332	EA	Fabricate 90" (Or 103" x 71" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 12' Of Appropriate Pipe)	2,002.31	
33 42 11 00-1333	EA	Fabricate 96" (Or 112" x 75" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 12' Of Appropriate Pipe)	2,149.28	
33 42 11 00-1334	EA	Fabricate 102" (Or 117" x 79" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 12' Of Appropriate Pipe)	2,297.91	
33 42 11 00-1335	EA	Fabricate 108" (Or 128" x 83" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 14' Of Appropriate Pipe)	2,446.54	
33 42 11 00-1336	EA	Fabricate 114" (Or 137" x 87" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 14' Of Appropriate Pipe)	2,593.49	
33 42 11 00-1337	EA	Fabricate 120" (Or 142" x 91" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 14' Of Appropriate Pipe)	2,742.13	
33 42 11 00-1338	EA	Fabricate 126" 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 16' Of Appropriate Pipe)	2,898.84	
33 42 11 00-1339	EA	Fabricate 132" 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 16' Of Appropriate Pipe)	3,064.50	
33 42 11 00-1340	EA	Fabricate 138" 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 16' Of Appropriate Pipe)	3,239.59	

33 42 11 00-1341 Fabricate Corrugated Steel Pipe Tees Or Laterals *(33 42 11 00-1312)*

Note: Fabrication charge excludes material. Use appropriate size, gauge, corrugation and type of material from pipe sections for the listed requirements of pipe needed.

33 42 11 00-1342	EA	Fabricate 6" Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 3' Of Appropriate Pipe)	136.94	
33 42 11 00-1343	EA	Fabricate 8" Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 3' Of Appropriate Pipe)	175.35	
33 42 11 00-1344	EA	Fabricate 10" Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 3' Of Appropriate Pipe)	213.73	
33 42 11 00-1345	EA	Fabricate 12" Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 3' Of Appropriate Pipe)	252.17	
33 42 11 00-1346	EA	Fabricate 15" (Or 17" x 13" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 4' Of Appropriate Pipe)	307.28	
33 42 11 00-1347	EA	Fabricate 18" (Or 21" x 15" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 6' Of Appropriate Pipe)	364.04	
33 42 11 00-1348	EA	Fabricate 21" (Or 24" x 18" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 6' Of Appropriate Pipe)	420.86	
33 42 11 00-1349	EA	Fabricate 24" (Or 28" x 20" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 6' Of Appropriate Pipe)	477.59	
33 42 11 00-1350	EA	Fabricate 30" (Or 35" x 24" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 8' Of Appropriate Pipe)	626.24	
33 42 11 00-1351	EA	Fabricate 36" (Or 42" x 29" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 9' Of Appropriate Pipe)	746.49	
33 42 11 00-1352	EA	Fabricate 42" (Or 49" x 33" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 9' Of Appropriate Pipe)	868.39	
33 42 11 00-1353	EA	Fabricate 48" (Or 57" x 38" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 9' Of Appropriate Pipe)	1,127.23	
33 42 11 00-1354	EA	Fabricate 54" (Or 64" x 43" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 12' Of Appropriate Pipe)	1,269.18	
33 42 11 00-1355	EA	Fabricate 60" (Or 71" x 47" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 12' Of Appropriate Pipe)	1,416.13	
33 42 11 00-1356	EA	Fabricate 66" (Or 77" x 52" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 12' Of Appropriate Pipe)	1,566.44	
33 42 11 00-1357	EA	Fabricate 72" (Or 83" x 57" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 14' Of Appropriate Pipe)	1,910.45	
33 42 11 00-1358	EA	Fabricate 78" (Or 87" x 63" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 16' Of Appropriate Pipe)	2,080.82	
33 42 11 00-1359	EA	Fabricate 84" (Or 95" x 67" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 16' Of Appropriate Pipe)	2,254.48	
33 42 11 00-1360	EA	Fabricate 90" (Or 103" x 71" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 18' Of Appropriate Pipe)	2,773.81	
33 42 11 00-1361	EA	Fabricate 96" (Or 112" x 75" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 18' Of Appropriate Pipe)	2,972.56	
33 42 11 00-1362	EA	Fabricate 102" (Or 117" x 79" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 20' Of Appropriate Pipe)	3,171.30	
33 42 11 00-1363	EA	Fabricate 108" (Or 128" x 83" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 20' Of Appropriate Pipe)	3,371.68	
33 42 11 00-1364	EA	Fabricate 114" (Or 137" x 87" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 21' Of Appropriate Pipe)	3,572.09	
33 42 11 00-1365	EA	Fabricate 120" (Or 142" x 91" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 21' Of Appropriate Pipe)	3,770.79	
33 42 11 00-1366	EA	Fabricate 126" Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 23' Of Appropriate Pipe)	3,980.57	
33 42 11 00-1367	EA	Fabricate 132" Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 24' Of Appropriate Pipe)	4,202.02	
33 42 11 00-1368	EA	Fabricate 138" Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 24' Of Appropriate Pipe)	4,435.75	

33 42 11 00-1369 Fabricate Skew Or Bevel Ends, Corrugated Steel Pipe Fitting *(33 42 11 00-1312)*

Note: Applied to pipe tasks.

33 42 11 00-1370	EA	Fabricate 6" Skew Or Bevel End, Corrugated Steel Pipe Fitting	53.15	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-1371	EA	Fabricate 8" Skew Or Bevel End, Corrugated Steel Pipe Fitting	66.86	
33 42 11 00-1372	EA	Fabricate 10" Skew Or Bevel End, Corrugated Steel Pipe Fitting	84.10	
33 42 11 00-1373	EA	Fabricate 12" Skew Or Bevel End, Corrugated Steel Pipe Fitting	102.98	
33 42 11 00-1374	EA	Fabricate 15" (Or 17" x 13" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting	130.31	
33 42 11 00-1375	EA	Fabricate 18" (Or 21" x 15" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting	159.56	
33 42 11 00-1376	EA	Fabricate 21" (Or 24" x 18" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting	186.90	
33 42 11 00-1377	EA	Fabricate 24" (Or 28" x 20" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting	217.14	
33 42 11 00-1378	EA	Fabricate 30" (Or 35" x 24" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting	266.70	
33 42 11 00-1379	EA	Fabricate 36" (Or 42" x 29" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting	317.99	
33 42 11 00-1380	EA	Fabricate 42" (Or 49" x 33" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting	379.42	
33 42 11 00-1381	EA	Fabricate 48" (Or 57" x 38" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting	466.73	
33 42 11 00-1382	EA	Fabricate 54" (Or 64" x 43" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting	528.28	
33 42 11 00-1383	EA	Fabricate 60" (Or 71" x 47" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting	594.93	
33 42 11 00-1384	EA	Fabricate 66" (Or 77" x 52" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting	721.47	
33 42 11 00-1385	EA	Fabricate 72" (Or 83" x 57" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting	800.08	
33 42 11 00-1386	EA	Fabricate 78" (Or 87" x 63" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting	976.18	
33 42 11 00-1387	EA	Fabricate 84" (Or 95" x 67" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting	1,063.41	
33 42 11 00-1388	EA	Fabricate 90" (Or 103" x 71" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting	1,155.76	
33 42 11 00-1389	EA	Fabricate 96" (Or 112" x 75" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting	1,246.30	
33 42 11 00-1390	EA	Fabricate 102" (Or 117" x 79" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting	1,338.63	
33 42 11 00-1391	EA	Fabricate 108" (Or 128" x 83" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting	1,432.64	
33 42 11 00-1392	EA	Fabricate 114" (Or 137" x 87" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting	1,524.99	
33 42 11 00-1393	EA	Fabricate 120" (Or 142" x 91" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting	1,617.29	
33 42 11 00-1394	EA	Fabricate 126" Skew Or Bevel End, Corrugated Steel Pipe Fitting	1,715.18	
33 42 11 00-1395	EA	Fabricate 132" Skew Or Bevel End, Corrugated Steel Pipe Fitting	1,818.97	
33 42 11 00-1396	EA	Fabricate 138" Skew Or Bevel End, Corrugated Steel Pipe Fitting	1,929.06	

33 42 11 00-1397 Coupling Bands, Corrugated Metal Pipe Fitting *(33 42 11 00-1312)*

33 42 11 00-1398	EA	6" Coupling Band, Corrugated Metal Pipe Fitting	20.72	
		For Bituminous Coated, Add	*6.01*	
33 42 11 00-1399	EA	8" Coupling Band, Corrugated Metal Pipe Fitting	27.51	
		For Bituminous Coated, Add	*7.98*	
33 42 11 00-1400	EA	10" Coupling Band, Corrugated Metal Pipe Fitting	34.65	
		For Bituminous Coated, Add	*10.05*	
33 42 11 00-1401	EA	12" Coupling Band, Corrugated Metal Pipe Fitting	57.52	
		For Bituminous Coated, Add	*16.68*	
33 42 11 00-1402	EA	15" Coupling Band, Corrugated Metal Pipe Fitting	72.52	
		For Bituminous Coated, Add	*21.03*	
33 42 11 00-1403	EA	18" Coupling Band, Corrugated Metal Pipe Fitting	106.40	
		For Bituminous Coated, Add	*30.86*	
33 42 11 00-1404	EA	21" Coupling Band, Corrugated Metal Pipe Fitting	126.29	
		For Bituminous Coated, Add	*36.62*	
33 42 11 00-1405	EA	24" Coupling Band, Corrugated Metal Pipe Fitting	143.20	
		For Bituminous Coated, Add	*41.53*	
33 42 11 00-1406	EA	30" Coupling Band, Corrugated Metal Pipe Fitting	247.82	
		For Bituminous Coated, Add	*71.87*	
33 42 11 00-1407	EA	36" Coupling Band, Corrugated Metal Pipe Fitting	396.50	
		For Bituminous Coated, Add	*95.16*	
33 42 11 00-1408	EA	42" Coupling Band, Corrugated Metal Pipe Fitting	465.86	
		For Bituminous Coated, Add	*111.81*	
33 42 11 00-1409	EA	48" Coupling Band, Corrugated Metal Pipe Fitting	522.01	
		For Bituminous Coated, Add	*125.28*	
33 42 11 00-1410	EA	54" Coupling Band, Corrugated Metal Pipe Fitting	740.30	
		For Bituminous Coated, Add	*177.67*	
33 42 11 00-1411	EA	60" Coupling Band, Corrugated Metal Pipe Fitting	1,058.85	
		For Bituminous Coated, Add	*190.59*	
33 42 11 00-1412	EA	66" Coupling Band, Corrugated Metal Pipe Fitting	1,301.31	
		For Bituminous Coated, Add	*234.24*	
33 42 11 00-1413	EA	72" Coupling Band, Corrugated Metal Pipe Fitting	1,671.61	
		For Bituminous Coated, Add	*234.03*	
33 42 11 00-1414	EA	78" Coupling Band, Corrugated Metal Pipe Fitting	1,787.90	
		For Bituminous Coated, Add	*250.31*	
33 42 11 00-1415	EA	84" Coupling Band, Corrugated Metal Pipe Fitting	1,904.84	
		For Bituminous Coated, Add	*266.68*	
33 42 11 00-1416	EA	90" Coupling Band, Corrugated Metal Pipe Fitting	2,021.19	
		For Bituminous Coated, Add	*282.97*	
33 42 11 00-1417	EA	96" Coupling Band, Corrugated Metal Pipe Fitting	2,137.83	
		For Bituminous Coated, Add	*299.30*	
33 42 11 00-1418	EA	102" Coupling Band, Corrugated Metal Pipe Fitting	2,254.77	
		For Bituminous Coated, Add	*315.67*	
33 42 11 00-1419	EA	108" Coupling Band, Corrugated Metal Pipe Fitting	2,371.18	
		For Bituminous Coated, Add	*331.97*	
33 42 11 00-1420	EA	114" Coupling Band, Corrugated Metal Pipe Fitting	2,808.41	
		For Bituminous Coated, Add	*337.01*	
33 42 11 00-1421	EA	120" Coupling Band, Corrugated Metal Pipe Fitting	2,603.82	
		For Bituminous Coated, Add	*312.46*	
33 42 11 00-1422	EA	126" Coupling Band, Corrugated Metal Pipe Fitting	2,719.86	
		For Bituminous Coated, Add	*326.38*	
33 42 11 00-1423	EA	132" Coupling Band, Corrugated Metal Pipe Fitting	2,836.75	
		For Bituminous Coated, Add	*340.41*	
33 42 11 00-1424	EA	138" Coupling Band, Corrugated Metal Pipe Fitting	2,953.75	
		For Bituminous Coated, Add	*354.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-1425		**Sewers** *(33 42 11)* Note: The following City of Chicago, Department of Transportation standard site work tasks are all-inclusive, assembly work tasks and shall be used in lieu of individual component tasks. Refer to the appropriate specifications contained in Book 4 for a complete definition of what is included in these work tasks.		
33 42 11 00-1426	LF	Storm Sewers, Type 1, 8"	99.96	
33 42 11 00-1427	LF	Storm Sewers, Type 1, 10"	139.89	
33 42 11 00-1428	LF	Storm Sewers, Type 1, 12"	166.79	
33 42 11 00-1429	LF	Storm Sewers, Type 1, 15"	264.55	
33 42 11 00-1430	LF	Storm Sewers, Type 1, 18"	368.28	
33 42 11 00-1431	LF	Storm Sewers, Type 1, 20"	428.46	
33 42 11 00-1432	LF	Storm Sewers, Type 1, 24"	589.59	
33 42 11 00-1433	LF	Storm Sewers, Type 1, 27"	685.98	
33 42 11 00-1434	LF	Storm Sewers, Type 1, 30"	795.93	
33 42 11 00-1435	LF	Storm Sewers, Type 1, 36"	1,023.98	
33 42 11 00-1436	LF	Storm Sewers, Type 2, 8"	68.28	
33 42 11 00-1437	LF	Storm Sewers, Type 2, 10"	73.76	
33 42 11 00-1438	LF	Storm Sewers, Type 2, 12"	99.24	
33 42 11 00-1439	LF	Storm Sewers, Type 2, 15"	160.48	
33 42 11 00-1440	LF	Storm Sewers, Type 2, 18"	216.20	
33 42 11 00-1441	LF	Storm Sewers, Type 2, 21"	307.81	
33 42 11 00-1442	LF	Storm Sewers, Type 2, 24"	162.49	
33 42 11 00-1443	LF	Storm Sewers, Type 2, 27"	200.91	
33 42 11 00-1444	LF	Storm Sewers, Type 2, 30"	215.08	
33 42 11 00-1445	LF	Storm Sewers, Type 2, 36"	268.17	
33 42 11 00-1446	LF	Storm Sewers, Type 3, 8"	92.79	
33 42 11 00-1447	LF	Storm Sewers, Type 3, 10"	107.75	
33 42 11 00-1448	LF	Storm Sewers, Type 3, 12"	127.94	
33 42 11 00-1449	LF	Storm Sewers, Type 3, 15"	194.95	
33 42 11 00-1450	LF	Storm Sewers, Type 3, 18"	258.73	
33 42 11 00-1451	LF	Storm Sewers, Type 3, 21"	359.59	
33 42 11 00-1452	LF	Storm Sewers, Type 3, 24"	203.78	
33 42 11 00-1453	LF	Storm Sewers, Type 3, 27"	250.91	
33 42 11 00-1454	LF	Storm Sewers, Type 3, 30"	268.04	
33 42 11 00-1455	LF	Storm Sewers, Type 3, 36"	328.18	
33 42 11 00-1456	LF	Storm Sewers, Type 4, 8"	117.23	
33 42 11 00-1457	LF	Storm Sewers, Type 4, 10"	133.76	
33 42 11 00-1458	LF	Storm Sewers, Type 4, 12"	156.64	
33 42 11 00-1459	LF	Storm Sewers, Type 4, 15"	229.44	
33 42 11 00-1460	LF	Storm Sewers, Type 4, 18"	301.34	
33 42 11 00-1461	LF	Storm Sewers, Type 4, 21"	411.48	
33 42 11 00-1462	LF	Storm Sewers, Type 4, 24"	245.05	
33 42 11 00-1463	LF	Storm Sewers, Type 4, 27"	300.93	
33 42 11 00-1464	LF	Storm Sewers, Type 4, 30"	321.01	
33 42 11 00-1465	LF	Storm Sewers, Type 4, 36"	388.32	
33 42 11 00-1466	LF	Storm Sewer Removal, 8", (0 > 150)	23.60	
33 42 11 00-1467	LF	Storm Sewer Removal, 8", (150 > 300)	19.67	
33 42 11 00-1468	LF	Storm Sewer Removal, 8", (300 > 600)	17.16	
33 42 11 00-1469	LF	Storm Sewer Removal, 8", (600 >)	14.94	
33 42 11 00-1470	LF	Storm Sewer Removal, 10", (0 > 150)	25.18	
33 42 11 00-1471	LF	Storm Sewer Removal, 10", (150 > 300)	21.24	
33 42 11 00-1472	LF	Storm Sewer Removal, 10", (300 > 600)	18.88	
33 42 11 00-1473	LF	Storm Sewer Removal, 10", (600 >)	17.30	
33 42 11 00-1474	LF	Storm Sewer Removal, 12", (0 > 150)	27.05	
33 42 11 00-1475	LF	Storm Sewer Removal, 12", (150 > 300)	22.01	
33 42 11 00-1476	LF	Storm Sewer Removal, 12", (300 > 600)	20.45	
33 42 11 00-1477	LF	Storm Sewer Removal, 12", (600 >)	18.23	
33 42 11 00-1478	LF	Storm Sewer Removal, 15", (0 > 150)	31.00	
33 42 11 00-1479	LF	Storm Sewer Removal, 15", (150 > 300)	25.88	
33 42 11 00-1480	LF	Storm Sewer Removal, 15", (300 > 600)	21.56	
33 42 11 00-1481	LF	Storm Sewer Removal, 15", (600 >)	18.11	
33 42 11 00-1482	CY	Abandon Existing Storm Sewer, (Includes Filling)	253.60	
33 42 11 00-1483	LF	Clean Storm Sewer, Less Than 24" Diameter	17.53	
33 42 11 00-1484	LF	Clean Storm Sewer, Between 24" And 36" Diameter	28.71	
33 42 11 00-1485	LF	Clean Storm Sewer, Between 36" And 60" Diameter	39.87	
33 42 11 00-1486	LF	House Drain Replacement	60.94	
33 42 11 00-1487	LF	Televise Storm Sewer, Any Diameter, (0 > 300)	7.43	
33 42 11 00-1488	LF	Televise Storm Sewer, Any Diameter, (300 > 600)	6.18	
33 42 11 00-1489	LF	Televise Storm Sewer, Any Diameter, (600 > 1500)	5.10	
33 42 11 00-1490	LF	Televise Storm Sewer, Any Diameter, (1500 > 3000)	4.29	
33 42 11 00-1491	LF	Televise Storm Sewer, Any Diameter, (3000 >)	2.32	

33 42 23 Headwalls and Endwalls for Stormwater Piping *(33 42)*

33 42 23 00-0001 **Headwalls** *(33 42 23)*
Note: Excludes excavation and backfill. Select pipe with closest opening area for square or round culverts.

33 42 23 00-0002 **Cast In Place Concrete Headwalls** *(33 42 23 00-0001)*
Note: Includes concrete, forms, rebar (where required), finish and curing.

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 23 00-0003		Skewed Wingwall, Cast In Place Concrete Headwall *(33 42 23 00-0002)*		
		Note: Sized by pipe diameter.		
33 42 23 00-0004	EA	12" Pipe, Skewed Wingwall, Cast In Place Concrete Headwall	1,769.31	767.10
33 42 23 00-0005	EA	15" Pipe, Skewed Wingwall, Cast In Place Concrete Headwall	2,226.70	818.23
33 42 23 00-0006	EA	18" Pipe, Skewed Wingwall, Cast In Place Concrete Headwall	2,913.42	1,071.77
33 42 23 00-0007	EA	24" Pipe, Skewed Wingwall, Cast In Place Concrete Headwall	4,571.64	1,534.19
33 42 23 00-0008	EA	30" Pipe, Skewed Wingwall, Cast In Place Concrete Headwall	6,361.66	2,045.59
33 42 23 00-0009	EA	36" Pipe, Skewed Wingwall, Cast In Place Concrete Headwall	7,637.67	2,696.32
33 42 23 00-0010	EA	42" Pipe, Skewed Wingwall, Cast In Place Concrete Headwall	10,478.24	3,719.23
33 42 23 00-0011	EA	48" Pipe, Skewed Wingwall, Cast In Place Concrete Headwall	12,461.61	4,383.36
33 42 23 00-0012	EA	54" Pipe, Skewed Wingwall, Cast In Place Concrete Headwall	14,985.51	5,336.38
33 42 23 00-0013	EA	60" Pipe, Skewed Wingwall, Cast In Place Concrete Headwall	17,968.70	6,459.74
33 42 23 00-0014		Precast Concrete Headwalls *(33 42 23 00-0001)*		
33 42 23 00-0015	EA	12" Pipe, Precast Concrete Headwall	1,024.88	206.02
33 42 23 00-0016	EA	15" Pipe, Precast Concrete Headwall	1,059.22	217.47
33 42 23 00-0017	EA	18" Pipe, Precast Concrete Headwall	1,165.44	247.23
33 42 23 00-0018	EA	24" Pipe, Precast Concrete Headwall	1,288.26	263.25
33 42 23 00-0019	EA	30" Pipe, Precast Concrete Headwall	1,736.85	309.03
33 42 23 00-0020	EA	36" Pipe, Precast Concrete Headwall	1,949.30	320.48
33 42 23 00-0021	EA	42" Pipe, Precast Concrete Headwall	2,551.16	371.07
33 42 23 00-0022	EA	48" Pipe, Precast Concrete Headwall	2,819.26	408.81
33 42 23 00-0023	EA	54" Pipe, Precast Concrete Headwall	3,113.46	432.86
33 42 23 00-0024	EA	60" Pipe, Precast Concrete Headwall	3,536.71	432.86
33 42 23 00-0025	EA	72" Pipe, Precast Concrete Headwall	4,287.02	541.08
33 42 23 00-0026	EA	84" Pipe, Precast Concrete Headwall	6,093.86	649.30
33 42 23 00-0027		Precast Concrete Wingwalls *(33 42 23 00-0001)*		
33 42 23 00-0028	EA	18" ID Pipe (26" Hole) Precast Concrete Wingwall	6,308.36	2,142.68
		Note: 12" Thick wall and base. Wingwalls are configured at 0-30 degrees off centerline of pipe.		
33 42 23 00-0029	EA	24" ID Pipe (32" Hole) Precast Concrete Wingwall	6,669.08	2,380.75
		Note: 12" Thick wall and base. Wingwalls are configured at 0-30 degrees off centerline of pipe.		
33 42 23 00-0030	EA	30" ID Pipe (42" Hole) Precast Concrete Wingwall	7,270.28	2,777.54
		Note: 12" Thick wall and base. Wingwalls are configured at 0-30 degrees off centerline of pipe.		
33 42 23 00-0031	EA	33" ID Pipe (46" Hole) Precast Concrete Wingwall	7,871.48	3,174.34
		Note: 12" thick wall and base. Wingwalls are configured at zero degrees only off centerline of pipe.		
33 42 23 00-0032	EA	36" ID Pipe (50" Hole) Precast Concrete Wingwall	7,871.48	3,174.34
		Note: 12" Thick wall and base. Wingwalls are configured at 0-30 degrees off centerline of pipe.		
33 42 23 00-0033	EA	44" ID Pipe (58" Hole) Precast Concrete Wingwall	8,111.96	3,333.06
		Note: 12" Thick wall and base. Wingwalls are configured at 0-30 degrees off centerline of pipe.		
33 42 23 00-0034	EA	48" ID Pipe (62" Hole) Precast Concrete Wingwall	14,292.27	3,412.41
		Note: 12" thick wall and base. Wingwalls are configured at 0-30 degrees off centerline of pipe.		
33 42 23 00-0035	EA	52" ID Pipe (66" Hole) Precast Concrete Wingwall	14,652.98	3,650.49
		Note: 12" thick wall and base. Wingwalls are configured at zero degrees only off centerline of pipe.		
33 42 23 00-0036		Precast Concrete Transverse Drainage Interceptor *(33 42 23 00-0001)*		
33 42 23 00-0037	EA	34" x 48" x 28" Precast Concrete Transverse Drainage Interceptor With Frame And Grate	3,960.55	841.68
33 42 26		**End Sections for Stormwater Piping** *(33 42)*		
33 42 26 16		**Corrugated Metal End Sections for Stormwater Piping** *(33 42 26)*		
33 42 26 16-0001		Corrugated Metal Pipe End Sections *(33 42 26 16)*		
33 42 26 16-0002		Galvanized Corrugated Steel Pipe End Sections *(33 42 26 16-0001)*		
33 42 26 16-0003		Type 1 Galvanized Corrugated Steel Pipe End Sections *(33 42 26 16-0002)*		
		Note: Used with annular corrugations, no band required. Consists of a 12 gauge steel strap with a 6" bolt and nut.		
33 42 26 16-0004	EA	12" 16 Gauge, Type 1 Galvanized Corrugated Steel Pipe End Section	370.19	80.12
33 42 26 16-0005	EA	15" 16 Gauge, Type 1 Galvanized Corrugated Steel Pipe End Section	434.26	85.85
33 42 26 16-0006	EA	18" 16 Gauge, Type 1 Galvanized Corrugated Steel Pipe End Section	512.64	91.57
33 42 26 16-0007	EA	21" 16 Gauge, Type 1 Galvanized Corrugated Steel Pipe End Section	627.82	100.15
33 42 26 16-0008	EA	24" 16 Gauge, Type 1 Galvanized Corrugated Steel Pipe End Section	696.91	108.74
33 42 26 16-0009		Type 2 Galvanized Corrugated Steel Pipe End Sections *(33 42 26 16-0002)*		
		Note: Partial circumferential rod with two hinge type lugs used with annular corrugations. No band required.		
33 42 26 16-0010	EA	30" 14 Gauge, Type 2 Galvanized Corrugated Steel Pipe End Section	1,157.68	123.04
33 42 26 16-0011	EA	36" 14 Gauge, Type 2 Galvanized Corrugated Steel Pipe End Section	1,504.53	144.29
33 42 26 16-0012	EA	42" 12 Gauge, Type 2 Galvanized Corrugated Steel Pipe End Section	2,350.12	168.34
33 42 26 16-0013	EA	48" 12 Gauge, Type 2 Galvanized Corrugated Steel Pipe End Section	2,880.03	192.39
33 42 26 16-0014	EA	54" 12 Gauge, Type 2 Galvanized Corrugated Steel Pipe End Section	3,423.10	240.48
33 42 26 16-0015	EA	60" 10 Gauge, Type 2 Galvanized Corrugated Steel Pipe End Section	3,992.31	288.58
33 42 26 16-0016		Type 3 Or 5 Galvanized Corrugated Steel Pipe End Sections *(33 42 26 16-0002)*		
		Note: Stubbed with 1' of pipe (excluded in price). Used with all pipe having annular end corrugations.		
33 42 26 16-0017	EA	12" 16 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section	388.94	80.12

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 26 16-0018	EA	15" 16 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section	453.56	85.85
33 42 26 16-0019	EA	18" 16 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section	542.29	91.57
33 42 26 16-0020	EA	21" 16 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section	663.43	100.15
33 42 26 16-0021	EA	24" 16 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section	737.28	108.74
33 42 26 16-0022	EA	30" 14 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section	1,281.65	123.04
33 42 26 16-0023	EA	36" 14 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section	1,660.63	144.29
33 42 26 16-0024	EA	42" 12 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section	2,686.24	168.34
33 42 26 16-0025	EA	48" 12 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section	3,313.80	192.39
33 42 26 16-0026	EA	54" 12 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section	3,861.75	240.48
33 42 26 16-0027	EA	60" 10 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section	5,381.63	288.58
33 42 26 16-0028	EA	66" 10 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section	6,036.35	432.86
33 42 26 16-0029	EA	72" 10 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section	7,015.96	577.15
33 42 26 16-0030	EA	78" 10 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section	7,648.63	619.24
33 42 26 16-0031	EA	84" 10 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section	8,297.43	661.32

33 42 26 16-0032 Toe Plate Extensions For Galvanized Corrugated Steel Pipe End Section *(33 42 26 16-0002)*

33 42 26 16-0033	EA	Toe Plate Extension For 12" Diameter Galvanized Corrugated Steel Pipe End Section	51.32	
33 42 26 16-0034	EA	Toe Plate Extension For 15" Diameter Galvanized Corrugated Steel Pipe End Section	57.51	
33 42 26 16-0035	EA	Toe Plate Extension For 18" Diameter Galvanized Corrugated Steel Pipe End Section	65.11	
33 42 26 16-0036	EA	Toe Plate Extension For 21" Diameter Galvanized Corrugated Steel Pipe End Section	70.84	
33 42 26 16-0037	EA	Toe Plate Extension For 24" Diameter Galvanized Corrugated Steel Pipe End Section	79.43	
33 42 26 16-0038	EA	Toe Plate Extension For 30" Diameter Galvanized Corrugated Steel Pipe End Section	140.66	
33 42 26 16-0039	EA	Toe Plate Extension For 36" Diameter Galvanized Corrugated Steel Pipe End Section	151.31	
33 42 26 16-0040	EA	Toe Plate Extension For 42" Diameter Galvanized Corrugated Steel Pipe End Section	209.22	
33 42 26 16-0041	EA	Toe Plate Extension For 48" Diameter Galvanized Corrugated Steel Pipe End Section	223.52	
33 42 26 16-0042	EA	Toe Plate Extension For 54" Diameter Galvanized Corrugated Steel Pipe End Section	273.59	
33 42 26 16-0043	EA	Toe Plate Extension For 60" Diameter Galvanized Corrugated Steel Pipe End Section	279.62	
33 42 26 16-0044	EA	Toe Plate Extension For 66" Diameter Galvanized Corrugated Steel Pipe End Section	297.10	
33 42 26 16-0045	EA	Toe Plate Extension For 72" Diameter Galvanized Corrugated Steel Pipe End Section	333.66	
33 42 26 16-0046	EA	Toe Plate Extension For 78" Diameter Galvanized Corrugated Steel Pipe End Section	373.54	
33 42 26 16-0047	EA	84" Diameter Galvanized Corrugated Steel Pipe End Section Toe Plate Extension	381.75	

33 42 26 16-0048 Galvanized Corrugated Steel Pipe-Arch End Sections *(33 42 26 16-0001)*

33 42 26 16-0049 Type 1 Galvanized Corrugated Steel Pipe-Arch End Sections *(33 42 26 16-0048)*

Note: Used with annular corrugations, no band required. Consists of a 12 gauge steel strap with a 6" bolt and nut.

33 42 26 16-0050	EA	17" x 13" 16 Gauge, Type 1 Galvanized Corrugated Steel Pipe-Arch End Section	434.26	85.85
33 42 26 16-0051	EA	21" x 15" 16 Gauge, Type 1 Galvanized Corrugated Steel Pipe-Arch End Section	512.64	91.57
33 42 26 16-0052	EA	24" x 18" 16 Gauge, Type 1 Galvanized Corrugated Steel Pipe-Arch End Section	627.82	100.15
33 42 26 16-0053	EA	28" x 20" 16 Gauge, Type 1 Galvanized Corrugated Steel Pipe-Arch End Section	696.91	108.74

33 42 26 16-0054 Type 2 Galvanized Corrugated Steel Pipe-Arch End Sections *(33 42 26 16-0048)*

Note: Partial circumferential rod with two hinge type lugs used with annular corrugations. No band required.

33 42 26 16-0055	EA	17" x 13" 16 Gauge, Type 2 Galvanized Corrugated Steel Pipe-Arch End Section	418.07	85.85
33 42 26 16-0056	EA	21" x 15" 16 Gauge, Type 2 Galvanized Corrugated Steel Pipe-Arch End Section	482.69	91.57
33 42 26 16-0057	EA	24" x 18" 16 Gauge, Type 2 Galvanized Corrugated Steel Pipe-Arch End Section	542.08	100.15
33 42 26 16-0058	EA	28" x 20" 16 Gauge, Type 2 Galvanized Corrugated Steel Pipe-Arch End Section	615.04	108.74
33 42 26 16-0059	EA	35" x 24" 14 Gauge, Type 2 Galvanized Corrugated Steel Pipe-Arch End Section	924.27	123.04
33 42 26 16-0060	EA	42" x 29" 14 Gauge, Type 2 Galvanized Corrugated Steel Pipe-Arch End Section	1,366.43	144.29
33 42 26 16-0061	EA	49" x 33" 12 Gauge, Type 2 Galvanized Corrugated Steel Pipe-Arch End Section	2,165.59	168.34
33 42 26 16-0062	EA	57" x 38" 12 Gauge, Type 2 Galvanized Corrugated Steel Pipe-Arch End Section	2,757.07	192.39

33 42 26 16-0063 Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Sections *(33 42 26 16-0048)*

Note: Stubbed with 1' of pipe (excluded in price). Used with all pipe having annular end corrugations.

33 42 26 16-0064	EA	17" x 13" 16 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section	426.29	85.85
33 42 26 16-0065	EA	21" x 15" 16 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section	500.55	91.57
33 42 26 16-0066	EA	24" x 18" 16 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section	570.00	100.15
33 42 26 16-0067	EA	28" x 20" 16 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section	648.14	108.74
33 42 26 16-0068	EA	35" x 24" 14 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section	980.54	123.04
33 42 26 16-0069	EA	42" x 29" 14 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section	1,443.18	144.29
33 42 26 16-0070	EA	49" x 33" 12 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section	2,288.37	168.34
33 42 26 16-0071	EA	57" x 38" 12 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section	2,898.37	192.39
33 42 26 16-0072	EA	64" x 43" 12 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section	3,481.15	240.48
33 42 26 16-0073	EA	71" x 47" 10 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section	4,595.11	288.58
33 42 26 16-0074	EA	77" x 52" 10 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section	6,392.87	432.86
33 42 26 16-0075	EA	83" x 57" 10 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section	7,011.19	577.15

33 42 26 16-0076 Toe Plate Extensions For Galvanized Corrugated Steel Pipe-Arch End Section *(33 42 26 16-0048)*

33 42 26 16-0077	EA	Toe Plate Extension For 17" x 13" Galvanized Corrugated Steel Pipe-Arch End Section	57.51	
33 42 26 16-0078	EA	Toe Plate Extension For 21" x 15" Galvanized Corrugated Steel Pipe-Arch End Section	65.11	
33 42 26 16-0079	EA	Toe Plate Extension For 24" x 18" Galvanized Corrugated Steel Pipe-Arch End Section	70.84	
33 42 26 16-0080	EA	Toe Plate Extension For 28" x 20" Galvanized Corrugated Steel Pipe-Arch End Section	79.43	
33 42 26 16-0081	EA	Toe Plate Extension For 35" x 24" Galvanized Corrugated Steel Pipe-Arch End Section	140.66	
33 42 26 16-0082	EA	Toe Plate Extension For 42" x 29" Galvanized Corrugated Steel Pipe-Arch End Section	151.31	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 26 16-0083	EA	Toe Plate Extension For 49" x 33" Galvanized Corrugated Steel Pipe-Arch End Section	209.22	
33 42 26 16-0084	EA	Toe Plate Extension For 57" x 38" Galvanized Corrugated Steel Pipe-Arch End Section	232.81	
33 42 26 16-0085	EA	Toe Plate Extension For 64" x 43" Galvanized Corrugated Steel Pipe-Arch End Section	273.59	
33 42 26 16-0086	EA	Toe Plate Extension For 71" x 47" Galvanized Corrugated Steel Pipe-Arch End Section	283.32	
33 42 26 16-0087	EA	Toe Plate Extension For 77" x 52" Galvanized Corrugated Steel Pipe-Arch End Section	327.23	
33 42 26 16-0088	EA	Toe Plate Extension For 83" x 57" Galvanized Corrugated Steel Pipe-Arch End Section	366.82	
33 42 26 16-0089		Corrugated Aluminum Pipe End Sections *(33 42 26 16-0001)*		
33 42 26 16-0090		Corrugated Aluminum Pipe End Sections *(33 42 26 16-0089)*		
33 42 26 16-0091	EA	12" Diameter 16 Gauge, Corrugated Aluminum Pipe End Section	588.20	80.12
33 42 26 16-0092	EA	15" Diameter 16 Gauge, Corrugated Aluminum Pipe End Section	682.49	85.85
33 42 26 16-0093	EA	18" Diameter 16 Gauge, Corrugated Aluminum Pipe End Section	816.42	91.57
33 42 26 16-0094	EA	21" Diameter 16 Gauge, Corrugated Aluminum Pipe End Section	1,021.64	100.15
33 42 26 16-0095	EA	24" Diameter 14 Gauge, Corrugated Aluminum Pipe End Section	1,350.05	108.74
33 42 26 16-0096	EA	30" Diameter 14 Gauge, Corrugated Aluminum Pipe End Section	2,053.02	123.04
33 42 26 16-0097	EA	36" Diameter 14 Gauge, Corrugated Aluminum Pipe End Section	2,802.30	144.29
33 42 26 16-0098	EA	36" Diameter 12 Gauge, Corrugated Aluminum Pipe End Section	3,515.57	144.29
33 42 26 16-0099	EA	42" Diameter 12 Gauge, Corrugated Aluminum Pipe End Section	4,496.01	168.34
33 42 26 16-0100	EA	48" Diameter 12 Gauge, Corrugated Aluminum Pipe End Section	6,454.00	192.39
33 42 26 16-0101	EA	54" Diameter 12 Gauge, Corrugated Aluminum Pipe End Section	7,127.89	240.48
33 42 26 16-0102	EA	60" Diameter 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	9,634.64	288.58
33 42 26 16-0103	EA	66" Diameter 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	10,831.08	432.86
33 42 26 16-0104	EA	72" Diameter 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	12,613.71	577.15
33 42 26 16-0105	EA	78" Diameter 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	13,784.87	619.24
33 42 26 16-0106	EA	84" Diameter 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	14,539.47	661.32
33 42 26 16-0107	EA	90" Diameter 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	20,032.59	721.44
33 42 26 16-0108	EA	96" Diameter 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	22,190.04	781.56
33 42 26 16-0109		Toe Plate Extensions For Corrugated Aluminum Pipe End Section *(33 42 26 16-0089)*		
33 42 26 16-0110	EA	Toe Plate Extension For 12" Diameter, 16 Gauge, Corrugated Aluminum Pipe End Section	92.10	
33 42 26 16-0111	EA	Toe Plate Extension For 15" Diameter, 16 Gauge, Corrugated Aluminum Pipe End Section	97.90	
33 42 26 16-0112	EA	Toe Plate Extension For 18" Diameter, 16 Gauge, Corrugated Aluminum Pipe End Section	106.71	
33 42 26 16-0113	EA	Toe Plate Extension For 21" Diameter, 16 Gauge, Corrugated Aluminum Pipe End Section	120.61	
33 42 26 16-0114	EA	Toe Plate Extension For 24" Diameter, 14 Gauge, Corrugated Aluminum Pipe End Section	127.68	
33 42 26 16-0115	EA	Toe Plate Extension For 30" Diameter, 14 Gauge, Corrugated Aluminum Pipe End Section	164.74	
33 42 26 16-0116	EA	Toe Plate Extension For 36" Diameter, 14 Gauge, Corrugated Aluminum Pipe End Section	193.65	
33 42 26 16-0117	EA	Toe Plate Extension For 36" Diameter, 12 Gauge, Corrugated Aluminum Pipe End Section	205.56	
33 42 26 16-0118	EA	Toe Plate Extension For 42" Diameter, 12 Gauge, Corrugated Aluminum Pipe End Section	225.62	
33 42 26 16-0119	EA	Toe Plate Extension For 48" Diameter, 12 Gauge, Corrugated Aluminum Pipe End Section	255.07	
33 42 26 16-0120	EA	Toe Plate Extension For 54" Diameter, 12 Gauge, Corrugated Aluminum Pipe End Section	302.57	
33 42 26 16-0121	EA	Toe Plate Extension For 60" Diameter, 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	432.81	
33 42 26 16-0122	EA	Toe Plate Extension For 66" Diameter, 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	462.19	
33 42 26 16-0123	EA	Toe Plate Extension For 72" Diameter, 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	577.45	
33 42 26 16-0124	EA	Toe Plate Extension For 78" Diameter, 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	623.87	
33 42 26 16-0125	EA	Toe Plate Extension For 84" Diameter, 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	664.38	
33 42 26 16-0126	EA	Toe Plate Extension For 90" Diameter, 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	707.20	
33 42 26 16-0127	EA	Toe Plate Extension For 96" Diameter, 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	750.23	
33 42 26 16-0128		Corrugated Aluminum Pipe-Arch End Sections *(33 42 26 16-0001)*		
33 42 26 16-0129		Corrugated Aluminum Pipe-Arch End Sections *(33 42 26 16-0128)*		
33 42 26 16-0130	EA	17" x 13" 16 Gauge, Corrugated Aluminum Pipe-Arch End Section	705.55	85.85
33 42 26 16-0131	EA	21" x 15" 16 Gauge, Corrugated Aluminum Pipe-Arch End Section	872.62	91.57
33 42 26 16-0132	EA	24" x 18" 16 Gauge, Corrugated Aluminum Pipe-Arch End Section	947.10	100.15
33 42 26 16-0133	EA	28" x 20" 16 Gauge, Corrugated Aluminum Pipe-Arch End Section	1,021.51	108.74
33 42 26 16-0134	EA	35" x 24" 14 Gauge, Corrugated Aluminum Pipe-Arch End Section	1,560.22	123.04
33 42 26 16-0135	EA	42" x 29" 14 Gauge, Corrugated Aluminum Pipe-Arch End Section	2,835.08	144.29
33 42 26 16-0136	EA	42" x 29" 12 Gauge, Corrugated Aluminum Pipe-Arch End Section	3,015.92	144.29
33 42 26 16-0137	EA	49" x 33" 12 Gauge, Corrugated Aluminum Pipe-Arch End Section	4,049.97	168.34
33 42 26 16-0138	EA	57" x 38" 12 Gauge, Corrugated Aluminum Pipe-Arch End Section	6,280.30	192.39
33 42 26 16-0139	EA	64" x 43" 12 Gauge, Corrugated Aluminum Pipe-Arch End Section	7,175.05	240.48
33 42 26 16-0140	EA	71" x 47" 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section	8,676.94	288.58
33 42 26 16-0141	EA	77" x 52" 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section	14,574.58	432.86
33 42 26 16-0142	EA	83" x 57" 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section	15,202.68	577.15
33 42 26 16-0143	EA	87" x 63" 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section	16,560.12	619.24
33 42 26 16-0144	EA	95" x 67" 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section	17,273.07	661.32
33 42 26 16-0145	EA	103" x 71" 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section	18,827.30	721.44
33 42 26 16-0146	EA	112" x 75" 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section	19,931.96	781.56
33 42 26 16-0147		Toe Plate Extensions For Corrugated Aluminum Pipe-Arch End Section *(33 42 26 16-0128)*		
33 42 26 16-0148	EA	Toe Plate Extension For 17" x 13", 16 Gauge, Corrugated Aluminum Pipe-Arch End Section	97.90	
33 42 26 16-0149	EA	Toe Plate Extension For 21" x 15", 16 Gauge, Corrugated Aluminum Pipe-Arch End Section	106.71	
33 42 26 16-0150	EA	Toe Plate Extension For 24" x 18", 16 Gauge, Corrugated Aluminum Pipe-Arch End Section	112.27	
33 42 26 16-0151	EA	Toe Plate Extension For 28" x 20", 16 Gauge, Corrugated Aluminum Pipe-Arch End Section	123.10	
33 42 26 16-0152	EA	Toe Plate Extension For 35" x 24", 14 Gauge, Corrugated Aluminum Pipe-Arch End Section	138.54	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 26 16-0153	EA	Toe Plate Extension For 42" x 29", 14 Gauge, Corrugated Aluminum Pipe-Arch End Section	178.59	
33 42 26 16-0154	EA	Toe Plate Extension For 42" x 29", 12 Gauge, Corrugated Aluminum Pipe-Arch End Section	197.58	
33 42 26 16-0155	EA	Toe Plate Extension For 49" x 33", 12 Gauge, Corrugated Aluminum Pipe-Arch End Section	225.62	
33 42 26 16-0156	EA	Toe Plate Extension For 57" x 38", 12 Gauge, Corrugated Aluminum Pipe-Arch End Section	255.07	
33 42 26 16-0157	EA	Toe Plate Extension For 64" x 43", 12 Gauge, Corrugated Aluminum Pipe-Arch End Section	302.57	
33 42 26 16-0158	EA	Toe Plate Extension For 71" x 47", 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section	390.57	
33 42 26 16-0159	EA	Toe Plate Extension For 77" x 52", 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section	497.56	
33 42 26 16-0160	EA	Toe Plate Extension For 83" x 57", 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section	665.87	
33 42 26 16-0161	EA	Toe Plate Extension For 87" x 63", 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section	758.47	
33 42 26 16-0162	EA	Toe Plate Extension For 95" x 67", 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section	792.76	
33 42 26 16-0163	EA	Toe Plate Extension For 103" x 71", 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section	819.85	
33 42 26 16-0164	EA	Toe Plate Extension For 112" x 75", 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section	853.71	
33 42 26 16-0165		**Low Slope Corrugated Steel Pipe End Sections And Accessories** *(33 42 26 16-0001)*		
33 42 26 16-0166		**4:1 Corrugated Steel Pipe End Sections** *(33 42 26 16-0165)*		
33 42 26 16-0167	EA	15" 16 Gauge, 4:1 Corrugated Steel Pipe End Section	926.96	85.85
33 42 26 16-0168	EA	18" 16 Gauge, 4:1 Corrugated Steel Pipe End Section	1,208.28	91.57
33 42 26 16-0169	EA	21" 16 Gauge, 4:1 Corrugated Steel Pipe End Section	1,488.63	100.15
33 42 26 16-0170	EA	24" 16 Gauge, 4:1 Corrugated Steel Pipe End Section	1,789.33	108.74
33 42 26 16-0171	EA	30" 16 Gauge, 4:1 Corrugated Steel Pipe End Section	1,886.97	123.04
33 42 26 16-0172	EA	36" 16 Gauge, 4:1 Corrugated Steel Pipe End Section	2,470.08	144.29
33 42 26 16-0173	EA	42" 16 Gauge, 4:1 Corrugated Steel Pipe End Section	3,960.87	168.34
33 42 26 16-0174		**3" Diameter Parallel Safety Bar For 4:1 Corrugated Steel Pipe End Sections** *(33 42 26 16-0165)* Note: Includes nut and bolt set.		
33 42 26 16-0175	EA	3" Diameter Parallel Safety Bar For 15" 4:1 Corrugated Steel Pipe End Section	674.68	
33 42 26 16-0176	EA	3" Diameter Parallel Safety Bar For 18" 4:1 Corrugated Steel Pipe End Section	1,383.86	
33 42 26 16-0177	EA	3" Diameter Parallel Safety Bar For 21" 4:1 Corrugated Steel Pipe End Section	1,518.75	
33 42 26 16-0178	EA	3" Diameter Parallel Safety Bar For 24" 4:1 Corrugated Steel Pipe End Section	1,577.18	
33 42 26 16-0179		**6:1 Corrugated Steel Pipe End Sections** *(33 42 26 16-0165)*		
33 42 26 16-0180	EA	15" 16 Gauge, 6:1 Corrugated Steel Pipe End Section	973.80	85.85
33 42 26 16-0181	EA	18" 16 Gauge, 6:1 Corrugated Steel Pipe End Section	1,292.52	91.57
33 42 26 16-0182	EA	21" 16 Gauge, 6:1 Corrugated Steel Pipe End Section	1,736.53	100.15
33 42 26 16-0183	EA	24" 16 Gauge, 6:1 Corrugated Steel Pipe End Section	2,046.99	108.74
33 42 26 16-0184	EA	30" 16 Gauge, 6:1 Corrugated Steel Pipe End Section	2,433.93	123.04
33 42 26 16-0185	EA	36" 16 Gauge, 6:1 Corrugated Steel Pipe End Section	2,952.85	144.29
33 42 26 16-0186	EA	42" 16 Gauge, 6:1 Corrugated Steel Pipe End Section	4,564.91	168.34
33 42 26 16-0187		**3" Diameter Parallel Safety Bar For 6:1 Corrugated Steel Pipe End Sections** *(33 42 26 16-0165)* Note: Includes nut and bolt set.		
33 42 26 16-0188	EA	3" Diameter Parallel Safety Bar For 15" 6:1 Corrugated Steel Pipe End Section	1,336.24	
33 42 26 16-0189	EA	3" Diameter Parallel Safety Bar For 18" 6:1 Corrugated Steel Pipe End Section	1,415.33	
33 42 26 16-0190	EA	3" Diameter Parallel Safety Bar For 21" 6:1 Corrugated Steel Pipe End Section	1,555.94	
33 42 26 16-0191	EA	3" Diameter Parallel Safety Bar For 24" 6:1 Corrugated Steel Pipe End Section	1,628.68	
33 42 26 16-0192		**Toe Plate Extensions For Low Slope Corrugated Steel Pipe End Section** *(33 42 26 16-0165)*		
33 42 26 16-0193	EA	Toe Plate Extension For 15" Low Slope Corrugated Steel Pipe End Section	110.31	
33 42 26 16-0194	EA	Toe Plate Extension For 18" Low Slope Corrugated Steel Pipe End Section	124.71	
33 42 26 16-0195	EA	Toe Plate Extension For 21" Low Slope Corrugated Steel Pipe End Section	135.82	
33 42 26 16-0196	EA	Toe Plate Extension For 24" Low Slope Corrugated Steel Pipe End Section	152.03	
33 42 26 16-0197	EA	Toe Plate Extension For 30" Low Slope Corrugated Steel Pipe End Section	236.98	
33 42 26 16-0198	EA	Toe Plate Extension For 36" Low Slope Corrugated Steel Pipe End Section	254.39	
33 42 26 16-0199	EA	Toe Plate Extension For 42" Low Slope Corrugated Steel Pipe End Section	344.83	
33 42 26 16-0200		**Low Slope Corrugated Steel Pipe-Arch End Sections And Accessories** *(33 42 26 16-0001)*		
33 42 26 16-0201		**4:1 Corrugated Steel Pipe-Arch End Section** *(33 42 26 16-0200)*		
33 42 26 16-0202	EA	21" x 15" 16 Gauge, 4:1 Corrugated Steel Pipe-Arch End Section	1,109.63	91.57
33 42 26 16-0203	EA	24" x 18" 16 Gauge, 4:1 Corrugated Steel Pipe-Arch End Section	1,403.63	100.15
33 42 26 16-0204	EA	28" x 20" 16 Gauge, 4:1 Corrugated Steel Pipe-Arch End Section	1,668.97	108.74
33 42 26 16-0205	EA	35" x 24" 16 Gauge, 4:1 Corrugated Steel Pipe-Arch End Section	3,208.41	123.04
33 42 26 16-0206		**3" Diameter Parallel Safety Bar For 4:1 Corrugated Steel Pipe-Arch End Sections** *(33 42 26 16-0200)* Note: Includes nut and bolt set.		
33 42 26 16-0207	EA	3" Diameter Parallel Safety Bar For 21" x 15" 4:1 Corrugated Steel Pipe-Arch End Section	808.00	
33 42 26 16-0208	EA	3" Diameter Parallel Safety Bar For 24" x 18" 4:1 Corrugated Steel Pipe-Arch End Section	1,498.12	
33 42 26 16-0209	EA	3" Diameter Parallel Safety Bar For 28" x 20" 4:1 Corrugated Steel Pipe-Arch End Section	1,577.18	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 26 16-0210	EA	3" Diameter Parallel Safety Bar For 35" x 24" 4:1 Corrugated Steel Pipe-Arch End Section	2,335.82	

33 42 26 16-0211 Toe Plate Extensions For Low Slope Corrugated Steel Pipe-Arch End Section *(33 42 26 16-0200)*

33 42 26 16-0212	EA	Toe Plate Extension For 21" x 15" Low Slope Corrugated Steel Pipe-Arch End Section	111.26	
33 42 26 16-0213	EA	Toe Plate Extension For 24" x 18" Low Slope Corrugated Steel Pipe-Arch End Section	126.82	
33 42 26 16-0214	EA	Toe Plate Extension For 28" x 20" Low Slope Corrugated Steel Pipe-Arch End Section	138.31	
33 42 26 16-0215	EA	Toe Plate Extension For 35" x 24" Low Slope Corrugated Steel Pipe-Arch End Section	162.89	

33 42 26 19 Corrugated High-Density Polyethylene (HDPE) End Sections for Stormwater Piping *(33 42 26)*

33 42 26 19-0001 Corrugated High Density Polyethylene (HDPE) Pipe End Sections *(33 42 26 19)*

33 42 26 19-0002	EA	4" End Section, Corrugated High Density Polyethylene (HDPE) Pipe	70.96	21.87
33 42 26 19-0003	EA	6" End Section, Corrugated High Density Polyethylene (HDPE) Pipe	136.36	32.82
33 42 26 19-0004	EA	8" End Section, Corrugated High Density Polyethylene (HDPE) Pipe	187.01	41.01
33 42 26 19-0005	EA	10" End Section, Corrugated High Density Polyethylene (HDPE) Pipe	294.00	65.62
33 42 26 19-0006	EA	12" End Section, Corrugated High Density Polyethylene (HDPE) Pipe	351.30	73.83
33 42 26 19-0007	EA	15" End Section, Corrugated High Density Polyethylene (HDPE) Pipe	372.42	79.30
33 42 26 19-0008	EA	18" End Section, Corrugated High Density Polyethylene (HDPE) Pipe	447.35	87.50
33 42 26 19-0009	EA	24" End Section, Corrugated High Density Polyethylene (HDPE) Pipe	582.84	103.90
33 42 26 19-0010	EA	30" End Section, Corrugated High Density Polyethylene (HDPE) Pipe	1,252.99	117.58
33 42 26 19-0011	EA	36" End Section, Corrugated High Density Polyethylene (HDPE) Pipe	1,534.81	131.24

33 42 26 23 Concrete End Sections for Stormwater Piping *(33 42 26)*

33 42 26 23-0001 Precast Concrete End Sections *(33 42 26 23)*

33 42 26 23-0002 Precast Concrete End Sections *(33 42 26 23-0001)*

33 42 26 23-0003	EA	12" Diameter Pipe, Precast Concrete End Section	734.44	134.25
33 42 26 23-0004	EA	15" Diameter Pipe, Precast Concrete End Section	983.61	166.19
33 42 26 23-0005	EA	18" Diameter Pipe, Precast Concrete End Section	1,218.64	210.37
33 42 26 23-0006	EA	21" Diameter Pipe, Precast Concrete End Section	1,400.16	251.57
33 42 26 23-0007	EA	24" Diameter Pipe, Precast Concrete End Section	1,492.07	291.18
33 42 26 23-0008	EA	27" Diameter Pipe, Precast Concrete End Section	1,872.45	358.32
33 42 26 23-0009	EA	30" Diameter Pipe, Precast Concrete End Section	2,329.13	538.19
33 42 26 23-0010	EA	36" Diameter Pipe, Precast Concrete End Section	2,877.89	679.11
33 42 26 23-0011	EA	42" Diameter Pipe, Precast Concrete End Section	3,486.29	851.90
33 42 26 23-0012	EA	48" Diameter Pipe, Precast Concrete End Section	3,824.90	960.72
33 42 26 23-0013	EA	54" Diameter Pipe, Precast Concrete End Section	4,176.09	1,076.15
33 42 26 23-0014	EA	60" Diameter Pipe, Precast Concrete End Section	4,536.33	1,196.39

33 42 26 23-0015 Flared Precast Concrete End Sections *(33 42 26 23-0001)*

33 42 26 23-0016	EA	12" Diameter Pipe, Flared Precast Concrete End Section	916.01	140.08
33 42 26 23-0017	EA	15" Diameter Pipe, Flared Precast Concrete End Section	1,103.80	174.59
33 42 26 23-0018	EA	18" Diameter Pipe, Flared Precast Concrete End Section	1,341.40	221.01
33 42 26 23-0019	EA	21" Diameter Pipe, Flared Precast Concrete End Section	1,534.52	264.29
33 42 26 23-0020	EA	24" Diameter Pipe, Flared Precast Concrete End Section	1,870.01	305.89
33 42 26 23-0021	EA	27" Diameter Pipe, Flared Precast Concrete End Section	2,272.88	488.54
33 42 26 23-0022	EA	30" Diameter Pipe, Flared Precast Concrete End Section	2,389.08	672.63
33 42 26 23-0023	EA	36" Diameter Pipe, Flared Precast Concrete End Section	3,219.02	848.89
33 42 26 23-0024	EA	42" Diameter Pipe, Flared Precast Concrete End Section	3,869.64	1,065.09
33 42 26 23-0025	EA	48" Diameter Pipe, Flared Precast Concrete End Section	4,194.36	1,201.20
33 42 26 23-0026	EA	54" Diameter Pipe, Flared Precast Concrete End Section	4,691.71	1,345.37
33 42 26 23-0027	EA	60" Diameter Pipe, Flared Precast Concrete End Section	5,198.83	1,494.34

33 42 31 Stormwater Area Drains and Inlets *(33 42)*

33 42 31 00-0001 Storm Drains *(33 42 31)*

See CSI section 33 05 61 00-0001 for manhole structures.

33 42 31 00-0002 Catch Basins And Inlet Basins *(33 42 31 00-0001)*

Note: Includes base slab, opening and grout. Excludes frame, grate, excavation and backfill.

33 42 31 00-0003 Cast In Place, Grate Drop Inlet Basins *(33 42 31 00-0002)*

Note: Inside dimensions.

33 42 31 00-0004 3' x 3' x 4" Thick Wall, Cast In Place, Grate Drop Inlet Basins *(33 42 31 00-0003)*

33 42 31 00-0005	EA	2' Deep, 3' x 3' x 4" Thick Wall, Cast In Place, Grate Drop Inlet Basin	2,007.66	377.30
33 42 31 00-0006	EA	3' Deep, 3' x 3' x 4" Thick Wall, Cast In Place, Grate Drop Inlet Basin	2,396.08	442.08
33 42 31 00-0007	EA	4' Deep, 3' x 3' x 4" Thick Wall, Cast In Place, Grate Drop Inlet Basin	2,784.49	506.74
33 42 31 00-0008	EA	5' Deep, 3' x 3' x 4" Thick Wall, Cast In Place, Grate Drop Inlet Basin	3,172.92	571.52
33 42 31 00-0009	EA	6' Deep, 3' x 3' x 4" Thick Wall, Cast In Place, Grate Drop Inlet Basin	3,561.33	636.18

33 42 31 00-0010 3'-8" x 3'-8" x 6" Thick Wall, Cast In Place, Grate Drop Inlet Basins *(33 42 31 00-0003)*

33 42 31 00-0011	EA	2' Deep, 3'-8" x 3'-8" x 6" Thick Wall, Cast In Place, Grate Drop Inlet Basin	2,561.81	375.02

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 31 00-0012	EA	3' Deep, 3'-8" x 3'-8" x 6" Thick Wall, Cast In Place, Grate Drop Inlet Basin	3,174.78	500.03
33 42 31 00-0013	EA	4' Deep, 3'-8" x 3'-8" x 6" Thick Wall, Cast In Place, Grate Drop Inlet Basin	4,060.55	681.87
33 42 31 00-0014	EA	5' Deep, 3'-8" x 3'-8" x 6" Thick Wall, Cast In Place, Grate Drop Inlet Basin	4,940.43	795.50
33 42 31 00-0015	EA	6' Deep, 3'-8" x 3'-8" x 6" Thick Wall, Cast In Place, Grate Drop Inlet Basin	5,643.80	909.15
33 42 31 00-0016		**4' x 4' x 8" Thick Wall, Cast In Place, Grate Drop Inlet Basins** *(33 42 31 00-0003)*		
33 42 31 00-0017	EA	2' Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Grate Drop Inlet Basin	2,752.47	409.12
33 42 31 00-0018	EA	3' Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Grate Drop Inlet Basin	3,812.13	568.22
33 42 31 00-0019	EA	4' Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Grate Drop Inlet Basin	4,665.88	738.69
33 42 31 00-0020	EA	5' Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Grate Drop Inlet Basin	5,388.36	852.33
33 42 31 00-0021	EA	6' Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Grate Drop Inlet Basin	6,836.33	1,090.98
33 42 31 00-0022		**Precast Concrete Catch Basins** *(33 42 31 00-0002)* Note: Inside dimensions.		
33 42 31 00-0023		**1'-6" Diameter Precast Catch Basins** *(33 42 31 00-0022)*		
33 42 31 00-0024	EA	4' Deep, 1'-6" Diameter Precast Catch Basins	777.66	243.34
33 42 31 00-0025	EA	6' Deep, 1'-6" Diameter Precast Catch Basins	1,083.02	365.02
33 42 31 00-0026	EA	8' Deep, 1'-6" Diameter Precast Catch Basins	1,373.53	474.52
33 42 31 00-0027	EA	10' Deep, 1'-6" Diameter Precast Catch Basins	1,644.41	560.90
33 42 31 00-0028	EA	12' Deep, 1'-6" Diameter Precast Catch Basins	2,026.15	711.78
33 42 31 00-0029	EA	14' Deep, 1'-6" Diameter Precast Catch Basins	2,318.27	821.29
33 42 31 00-0030	VLF	Vertical Linear Foot Over 14' Deep, 1'-6" Diameter Precast Catch Basins	161.57	54.75
33 42 31 00-0031		**2' Diameter Precast Catch Basins** *(33 42 31 00-0022)*		
33 42 31 00-0032	EA	4' Deep, 2' Diameter Precast Catch Basin	885.81	270.72
33 42 31 00-0033	EA	6' Deep, 2' Diameter Precast Catch Basin	1,226.88	401.52
33 42 31 00-0034	EA	8' Deep, 2' Diameter Precast Catch Basin	1,549.82	529.27
33 42 31 00-0035	EA	10' Deep, 2' Diameter Precast Catch Basin	1,849.48	617.49
33 42 31 00-0036	EA	12' Deep, 2' Diameter Precast Catch Basin	2,292.75	790.87
33 42 31 00-0037	EA	14' Deep, 2' Diameter Precast Catch Basin	2,620.00	912.54
33 42 31 00-0038	VLF	Vertical Linear Foot Over 14' Deep, 2' Diameter Precast Catch Basin	182.64	65.70
33 42 31 00-0039		**3' Diameter Precast Catch Basins** *(33 42 31 00-0022)*		
33 42 31 00-0040	EA	4' Deep, 3' Diameter Precast Catch Basin	1,167.09	319.39
33 42 31 00-0041	EA	6' Deep, 3' Diameter Precast Catch Basin	1,594.74	472.08
33 42 31 00-0042	EA	8' Deep, 3' Diameter Precast Catch Basin	2,005.14	623.56
33 42 31 00-0043	EA	10' Deep, 3' Diameter Precast Catch Basin	2,497.22	778.70
33 42 31 00-0044	EA	12' Deep, 3' Diameter Precast Catch Basin	2,950.37	928.36
33 42 31 00-0045	EA	14' Deep, 3' Diameter Precast Catch Basin	3,388.12	1,080.45
33 42 31 00-0046	VLF	Vertical Linear Foot Over 14' Deep, 3' Diameter Precast Catch Basin	233.23	77.17
33 42 31 00-0047		**4' Diameter Precast Catch Basins** *(33 42 31 00-0022)*		
33 42 31 00-0048	EA	4' Deep, 4' Diameter Precast Catch Basin	1,410.24	355.28
33 42 31 00-0049	EA	6' Deep, 4' Diameter Precast Catch Basin	1,835.41	486.69
33 42 31 00-0050	EA	8' Deep, 4' Diameter Precast Catch Basin	2,461.82	730.04
33 42 31 00-0051	EA	10' Deep, 4' Diameter Precast Catch Basin	3,072.07	912.54
33 42 31 00-0052	EA	12' Deep, 4' Diameter Precast Catch Basin	3,632.21	1,095.05
33 42 31 00-0053	EA	14' Deep, 4' Diameter Precast Catch Basin	4,175.21	1,277.56
33 42 31 00-0054	VLF	Vertical Linear Foot Over 14' Deep, 4' Diameter Precast Catch Basin	286.71	91.25
33 42 31 00-0055		**5' Diameter Precast Catch Basins** *(33 42 31 00-0022)*		
33 42 31 00-0056	EA	4' Deep, 5' Diameter Precast Catch Basin	1,898.95	486.69
33 42 31 00-0057	EA	6' Deep, 5' Diameter Precast Catch Basin	2,603.04	730.04
33 42 31 00-0058	EA	8' Deep, 5' Diameter Precast Catch Basin	3,310.71	973.38
33 42 31 00-0059	EA	10' Deep, 5' Diameter Precast Catch Basin	4,050.00	1,216.72
33 42 31 00-0060	EA	12' Deep, 5' Diameter Precast Catch Basin	4,778.76	1,460.07
33 42 31 00-0061	EA	14' Deep, 5' Diameter Precast Catch Basin	5,562.51	1,703.41
33 42 31 00-0062	VLF	Vertical Linear Foot Over 14' Deep, 5' Diameter Precast Catch Basin	381.50	121.68
33 42 31 00-0063		**6' Diameter Precast Catch Basins** *(33 42 31 00-0022)*		
33 42 31 00-0064	EA	4' Deep, 6' Diameter Precast Catch Basin	2,779.57	730.04
33 42 31 00-0065	EA	6' Deep, 6' Diameter Precast Catch Basin	3,773.43	1,095.05
33 42 31 00-0066	EA	8' Deep, 6' Diameter Precast Catch Basin	4,835.60	1,460.07
33 42 31 00-0067	EA	10' Deep, 6' Diameter Precast Catch Basin	6,026.85	1,825.08
33 42 31 00-0068	EA	12' Deep, 6' Diameter Precast Catch Basin	7,182.78	2,190.10
33 42 31 00-0069	EA	14' Deep, 6' Diameter Precast Catch Basin	8,312.94	2,555.11
33 42 31 00-0070	VLF	Vertical Linear Foot Over 14' Deep, 6' Diameter Precast Catch Basin	568.72	182.51
33 42 31 00-0071		**Precast Catch Basins Accessories** *(33 42 31 00-0022)*		
33 42 31 00-0072	EA	Single Or Double Wing Slab Top With Throat	1,695.22	790.87
33 42 31 00-0073	EA	4' x 4' Weir Box, Precast Catch Basin	765.11	97.33

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 31 00-0074	EA	4' Diameter Inlet Round To Square Adapter, Precast Catch Basin	432.82	103.42
33 42 31 00-0075	EA	3' Diameter, Up To 6" High, Precast Extension Ring	540.81	152.09
		For Each Additional Inch In Height, Add	*64.77*	
33 42 31 00-0076	EA	4' Diameter, Up To 6" High, Precast Extension Ring	638.09	182.51
		For Each Additional Inch In Height, Add	*75.90*	
33 42 31 00-0077	EA	5' Diameter, Up To 6" High, Precast Extension Ring	744.24	212.93
		For Each Additional Inch In Height, Add	*88.59*	
33 42 31 00-0078	EA	6' Diameter, Up To 6" High, Precast Extension Ring	933.67	304.18
		For Each Additional Inch In Height, Add	*104.97*	
33 42 31 00-0079	EA	Adjust Existing Catch Basin Inlet Grate To Match Grade	729.98	
33 42 31 00-0080		**Catch Basin Risers** *(33 42 31 00-0022)*		
33 42 31 00-0081	EA	Up To 860 Square Inch, Up to 2" Rise, Catch Basin Riser	429.54	
33 42 31 00-0082	EA	>860 To 1140 Square Inch, Up To 2" Rise, Catch Basin Riser	478.32	
33 42 31 00-0083	EA	>1140 Square Inch, Up To 2" Rise, Catch Basin Riser	536.26	
33 42 31 00-0084	EA	Up To 860 Square Inch, >2" To 3" Rise, Catch Basin Riser	462.27	
33 42 31 00-0085	EA	>860 To 1140 Square Inch, >2" To 3" Rise, Catch Basin Riser	514.31	
33 42 31 00-0086	EA	>1140 Square Inch, >2" To 3" Rise, Catch Basin Riser	578.52	
33 42 31 00-0087	EA	Up To 860 Square Inch, >3" To 4" Rise, Catch Basin Riser	510.79	
33 42 31 00-0088	EA	>860 To 1140 Square Inch, >3" To 4" Rise, Catch Basin Riser	557.06	
33 42 31 00-0089	EA	>1140 Square Inch, >3" To 4" Rise, Catch Basin Riser	621.51	
33 42 31 00-0090		**Precast Concrete Inlet Boxes** *(33 42 31 00-0002)*		
		Note: Inside dimensions.		
33 42 31 00-0091		**Precast Concrete Inlet Boxes** *(33 42 31 00-0090)*		
33 42 31 00-0092		**24" x 24" ID, Precast Concrete Inlet Boxes** *(33 42 31 00-0091)*		
		Note: Yard inlet.		
33 42 31 00-0093		**24" x 24" ID, Precast Concrete Inlet Boxes** *(33 42 31 00-0092)*		
33 42 31 00-0094	EA	24" Height, 24" x 24" ID, Precast Concrete Inlet Box	840.03	85.17
33 42 31 00-0095	EA	30" Height, 24" x 24" ID, Precast Concrete Inlet Box	988.14	103.42
33 42 31 00-0096	EA	36" Height, 24" x 24" ID, Precast Concrete Inlet Box	1,136.26	121.68
33 42 31 00-0097	EA	42" Height, 24" x 24" ID, Precast Concrete Inlet Box	1,285.90	140.69
33 42 31 00-0098		**24" x 24" ID, Precast Concrete Inlet Box Risers** *(33 42 31 00-0092)*		
33 42 31 00-0099	EA	6" Height, 24" x 24" ID, Precast Concrete Inlet Box Riser	215.03	
33 42 31 00-0100	EA	12" Height, 24" x 24" ID, Precast Concrete Inlet Box Riser	344.91	
33 42 31 00-0101	EA	18" Height, 24" x 24" ID, Precast Concrete Inlet Box Riser	486.93	
33 42 31 00-0102	EA	24" Height, 24" x 24" ID, Precast Concrete Inlet Box Riser	628.97	
33 42 31 00-0103	EA	30" Height, 24" x 24" ID, Precast Concrete Inlet Box Riser	771.00	
33 42 31 00-0104	EA	36" Height, 24" x 24" ID, Precast Concrete Inlet Box Riser	913.03	
33 42 31 00-0105		**22" x 48" ID, Precast Concrete Inlet Boxes** *(33 42 31 00-0091)*		
33 42 31 00-0106		**22" x 48" ID, Precast Concrete Inlet Boxes** *(33 42 31 00-0105)*		
33 42 31 00-0107	EA	36" Height, 22" x 48" ID, Precast Concrete Inlet Box	1,735.98	240.48
33 42 31 00-0108	EA	42" Height, 22" x 48" ID, Precast Concrete Inlet Box	1,954.16	278.06
33 42 31 00-0109	EA	48" Height, 22" x 48" ID, Precast Concrete Inlet Box	2,172.35	315.63
33 42 31 00-0110	EA	54" Height, 22" x 48" ID, Precast Concrete Inlet Box	2,390.71	353.29
33 42 31 00-0111	EA	60" Height, 22" x 48" ID, Precast Concrete Inlet Box	2,609.08	390.96
33 42 31 00-0112	EA	66" Height, 22" x 48" ID, Precast Concrete Inlet Box	2,827.44	428.62
33 42 31 00-0113	EA	72" Height, 22" x 48" ID, Precast Concrete Inlet Box	3,045.81	466.29
33 42 31 00-0114		**22" x 48" ID, Precast Concrete Inlet Box Risers** *(33 42 31 00-0105)*		
33 42 31 00-0115	EA	6" Height, 22" x 48" ID, Precast Concrete Inlet Box Riser	421.37	
33 42 31 00-0116	EA	12" Height, 22" x 48" ID, Precast Concrete Inlet Box Riser	672.40	
33 42 31 00-0117	EA	18" Height, 22" x 48" ID, Precast Concrete Inlet Box Riser	733.28	
33 42 31 00-0118	EA	24" Height, 22" x 48" ID, Precast Concrete Inlet Box Riser	937.16	
33 42 31 00-0119	EA	30" Height, 22" x 48" ID, Precast Concrete Inlet Box Riser	1,141.02	
33 42 31 00-0120	EA	36" Height, 22" x 48" ID, Precast Concrete Inlet Box Riser	1,339.17	
33 42 31 00-0121	EA	42" Height, 22" x 48" ID, Precast Concrete Inlet Box Riser	1,557.35	
33 42 31 00-0122	EA	48" Height, 22" x 48" ID, Precast Concrete Inlet Box Riser	1,775.54	
33 42 31 00-0123	EA	54" Height, 22" x 48" ID, Precast Concrete Inlet Box Riser	1,993.90	
33 42 31 00-0124	EA	60" Height, 22" x 48" ID, Precast Concrete Inlet Box Riser	2,212.27	
33 42 31 00-0125	EA	66" Height, 22" x 48" ID, Precast Concrete Inlet Box Riser	2,430.63	
33 42 31 00-0126	EA	72" Height, 22" x 48" ID, Precast Concrete Inlet Box Riser	2,648.99	
33 42 31 00-0127		**30" x 48" ID, Precast Concrete Inlet Boxes** *(33 42 31 00-0091)*		
33 42 31 00-0128		**30" x 48" ID, Precast Concrete Inlet Boxes** *(33 42 31 00-0127)*		
33 42 31 00-0129	EA	36" Height, 30" x 48" ID, Precast Concrete Inlet Box	1,679.57	264.53
33 42 31 00-0130	EA	42" Height, 30" x 48" ID, Precast Concrete Inlet Box	1,898.77	305.86
33 42 31 00-0131	EA	48" Height, 30" x 48" ID, Precast Concrete Inlet Box	2,117.95	347.19
33 42 31 00-0132	EA	54" Height, 30" x 48" ID, Precast Concrete Inlet Box	2,337.34	388.62

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 31 00-0133	EA	60" Height, 30" x 48" ID, Precast Concrete Inlet Box	2,556.74	430.05
33 42 31 00-0134	EA	66" Height, 30" x 48" ID, Precast Concrete Inlet Box	2,776.13	471.48
33 42 31 00-0135	EA	72" Height, 30" x 48" ID, Precast Concrete Inlet Box	2,995.52	512.92
33 42 31 00-0136		**30" x 48" ID, Precast Concrete Inlet Box Risers** *(33 42 31 00-0127)*		
33 42 31 00-0137	EA	6" Height, 30" x 48" ID, Precast Concrete Inlet Box Riser	420.01	
33 42 31 00-0138	EA	12" Height, 30" x 48" ID, Precast Concrete Inlet Box Riser	662.06	
33 42 31 00-0139	EA	18" Height, 30" x 48" ID, Precast Concrete Inlet Box Riser	724.61	
33 42 31 00-0140	EA	24" Height, 30" x 48" ID, Precast Concrete Inlet Box Riser	924.85	
33 42 31 00-0141	EA	30" Height, 30" x 48" ID, Precast Concrete Inlet Box Riser	1,125.11	
33 42 31 00-0142	EA	36" Height, 30" x 48" ID, Precast Concrete Inlet Box Riser	1,324.17	
33 42 31 00-0143	EA	42" Height, 30" x 48" ID, Precast Concrete Inlet Box Riser	1,540.05	
33 42 31 00-0144	EA	48" Height, 30" x 48" ID, Precast Concrete Inlet Box Riser	1,754.74	
33 42 31 00-0145	EA	54" Height, 30" x 48" ID, Precast Concrete Inlet Box Riser	1,970.62	
33 42 31 00-0146	EA	60" Height, 30" x 48" ID, Precast Concrete Inlet Box Riser	2,185.30	
33 42 31 00-0147	EA	66" Height, 30" x 48" ID, Precast Concrete Inlet Box Riser	2,401.19	
33 42 31 00-0148	EA	72" Height, 30" x 48" ID, Precast Concrete Inlet Box Riser	2,617.07	
33 42 31 00-0149		**42" x 48" ID, Precast Concrete Inlet Boxes** *(33 42 31 00-0091)*		
33 42 31 00-0150		**42" x 48" ID, Precast Concrete Inlet Boxes** *(33 42 31 00-0149)*		
33 42 31 00-0151	EA	36" Height, 42" x 48" ID, Precast Concrete Inlet Box	1,993.24	288.58
33 42 31 00-0152	EA	42" Height, 42" x 48" ID, Precast Concrete Inlet Box	2,250.51	335.47
33 42 31 00-0153	EA	48" Height, 42" x 48" ID, Precast Concrete Inlet Box	2,507.76	383.56
33 42 31 00-0154	EA	54" Height, 42" x 48" ID, Precast Concrete Inlet Box	2,763.82	430.46
33 42 31 00-0155	EA	60" Height, 42" x 48" ID, Precast Concrete Inlet Box	3,021.09	478.56
33 42 31 00-0156	EA	66" Height, 42" x 48" ID, Precast Concrete Inlet Box	3,278.35	525.44
33 42 31 00-0157	EA	72" Height, 42" x 48" ID, Precast Concrete Inlet Box	3,534.40	572.34
33 42 31 00-0158		**42" x 48" ID, Precast Concrete Inlet Box Risers** *(33 42 31 00-0149)*		
33 42 31 00-0159	EA	6" Height, 42" x 48" ID, Precast Concrete Inlet Box Riser	462.24	
33 42 31 00-0160	EA	12" Height, 42" x 48" ID, Precast Concrete Inlet Box Riser	744.12	
33 42 31 00-0161	EA	18" Height, 42" x 48" ID, Precast Concrete Inlet Box Riser	808.45	
33 42 31 00-0162	EA	24" Height, 42" x 48" ID, Precast Concrete Inlet Box Riser	1,035.06	
33 42 31 00-0163	EA	30" Height, 42" x 48" ID, Precast Concrete Inlet Box Riser	1,261.66	
33 42 31 00-0164	EA	36" Height, 42" x 48" ID, Precast Concrete Inlet Box Riser	1,488.26	
33 42 31 00-0165	EA	42" Height, 42" x 48" ID, Precast Concrete Inlet Box Riser	1,731.09	
33 42 31 00-0166	EA	48" Height, 42" x 48" ID, Precast Concrete Inlet Box Riser	1,973.92	
33 42 31 00-0167	EA	54" Height, 42" x 48" ID, Precast Concrete Inlet Box Riser	2,216.75	
33 42 31 00-0168	EA	60" Height, 42" x 48" ID, Precast Concrete Inlet Box Riser	2,459.59	
33 42 31 00-0169	EA	66" Height, 42" x 48" ID, Precast Concrete Inlet Box Riser	2,702.42	
33 42 31 00-0170	EA	72" Height, 42" x 48" ID, Precast Concrete Inlet Box Riser	2,945.25	
33 42 31 00-0171		**42" x 48" ID, Precast Concrete Inlet Box Tops** *(33 42 31 00-0149)*		
33 42 31 00-0172	EA	42" x 48" ID, Precast Concrete Inlet Box Top Slab	1,133.54	180.36
33 42 31 00-0173		**48" x 54" ID, Precast Concrete Inlet Boxes** *(33 42 31 00-0091)*		
33 42 31 00-0174		**48" x 54" ID, Precast Concrete Inlet Boxes** *(33 42 31 00-0173)*		
33 42 31 00-0175	EA	36" Height, 48" x 54" ID, Precast Concrete Inlet Box	2,813.14	320.64
33 42 31 00-0176	EA	42" Height, 48" x 54" ID, Precast Concrete Inlet Box	3,155.17	373.34
33 42 31 00-0177	EA	48" Height, 48" x 54" ID, Precast Concrete Inlet Box	3,497.20	426.04
33 42 31 00-0178	EA	54" Height, 48" x 54" ID, Precast Concrete Inlet Box	3,838.85	478.56
33 42 31 00-0179	EA	60" Height, 48" x 54" ID, Precast Concrete Inlet Box	4,180.49	531.07
33 42 31 00-0180	EA	66" Height, 48" x 54" ID, Precast Concrete Inlet Box	4,522.14	583.58
33 42 31 00-0181	EA	72" Height, 48" x 54" ID, Precast Concrete Inlet Box	4,863.79	636.09
33 42 31 00-0182		**48" x 54" ID, Precast Concrete Inlet Box Risers** *(33 42 31 00-0173)*		
33 42 31 00-0183	EA	6" Height, 48" x 54" ID, Precast Concrete Inlet Box Riser	465.07	
33 42 31 00-0184	EA	12" Height, 48" x 54" ID, Precast Concrete Inlet Box Riser	733.76	
33 42 31 00-0185	EA	18" Height, 48" x 54" ID, Precast Concrete Inlet Box Riser	1,070.59	
33 42 31 00-0186	EA	24" Height, 48" x 54" ID, Precast Concrete Inlet Box Riser	1,407.41	
33 42 31 00-0187	EA	30" Height, 48" x 54" ID, Precast Concrete Inlet Box Riser	1,724.19	
33 42 31 00-0188	EA	36" Height, 48" x 54" ID, Precast Concrete Inlet Box Riser	2,061.01	
33 42 31 00-0189	EA	42" Height, 48" x 54" ID, Precast Concrete Inlet Box Riser	2,403.05	
33 42 31 00-0190	EA	48" Height, 48" x 54" ID, Precast Concrete Inlet Box Riser	2,745.07	
33 42 31 00-0191	EA	54" Height, 48" x 54" ID, Precast Concrete Inlet Box Riser	3,086.72	
33 42 31 00-0192	EA	60" Height, 48" x 54" ID, Precast Concrete Inlet Box Riser	3,428.36	
33 42 31 00-0193	EA	66" Height, 48" x 54" ID, Precast Concrete Inlet Box Riser	3,770.02	
33 42 31 00-0194	EA	72" Height, 48" x 54" ID, Precast Concrete Inlet Box Riser	4,111.66	
33 42 31 00-0195		**48" x 54" ID, Precast Concrete Inlet Box Tops** *(33 42 31 00-0173)*		
33 42 31 00-0196	EA	48" x 54" ID, Precast Concrete Inlet Box Top Slab	1,231.87	195.39

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 31 00-0197		**48" x 66" ID, Precast Concrete Inlet Boxes** *(33 42 31 00-0091)*		
33 42 31 00-0198		**48" x 66" ID, Precast Concrete Inlet Boxes** *(33 42 31 00-0197)*		
33 42 31 00-0199	EA	36" Height, 48" x 66" ID, Precast Concrete Inlet Box	3,248.77	404.00
33 42 31 00-0200	EA	42" Height, 48" x 66" ID, Precast Concrete Inlet Box	3,626.43	471.51
33 42 31 00-0201	EA	48" Height, 48" x 66" ID, Precast Concrete Inlet Box	4,004.09	539.01
33 42 31 00-0202	EA	54" Height, 48" x 66" ID, Precast Concrete Inlet Box	4,381.01	606.13
33 42 31 00-0203	EA	60" Height, 48" x 66" ID, Precast Concrete Inlet Box	4,757.94	673.26
33 42 31 00-0204	EA	66" Height, 48" x 66" ID, Precast Concrete Inlet Box	5,134.86	740.38
33 42 31 00-0205	EA	72" Height, 48" x 66" ID, Precast Concrete Inlet Box	5,511.78	807.51
33 42 31 00-0206		**48" x 66" ID, Precast Concrete Inlet Box Risers** *(33 42 31 00-0197)*		
33 42 31 00-0207	EA	6" Height, 48" x 66" ID, Precast Concrete Inlet Box Riser	512.01	
33 42 31 00-0208	EA	12" Height, 48" x 66" ID, Precast Concrete Inlet Box Riser	788.34	
33 42 31 00-0209	EA	18" Height, 48" x 66" ID, Precast Concrete Inlet Box Riser	1,165.67	
33 42 31 00-0210	EA	24" Height, 48" x 66" ID, Precast Concrete Inlet Box Riser	1,543.00	
33 42 31 00-0211	EA	30" Height, 48" x 66" ID, Precast Concrete Inlet Box Riser	1,886.68	
33 42 31 00-0212	EA	36" Height, 48" x 66" ID, Precast Concrete Inlet Box Riser	2,264.01	
33 42 31 00-0213	EA	42" Height, 48" x 66" ID, Precast Concrete Inlet Box Riser	2,641.67	
33 42 31 00-0214	EA	48" Height, 48" x 66" ID, Precast Concrete Inlet Box Riser	3,019.34	
33 42 31 00-0215	EA	54" Height, 48" x 66" ID, Precast Concrete Inlet Box Riser	3,396.25	
33 42 31 00-0216	EA	60" Height, 48" x 66" ID, Precast Concrete Inlet Box Riser	3,773.18	
33 42 31 00-0217	EA	66" Height, 48" x 66" ID, Precast Concrete Inlet Box Riser	4,150.10	
33 42 31 00-0218	EA	72" Height, 48" x 66" ID, Precast Concrete Inlet Box Riser	4,527.02	
33 42 31 00-0219		**48" x 66" ID, Precast Concrete Inlet Box Tops** *(33 42 31 00-0197)*		
33 42 31 00-0220	EA	48" x 66" ID, Precast Concrete Inlet Box Top Slab	1,369.81	218.84
33 42 31 00-0221		**42" x 102" ID, Precast Concrete Inlet Boxes** *(33 42 31 00-0091)*		
33 42 31 00-0222		**42" x 102" ID, Precast Concrete Inlet Boxes** *(33 42 31 00-0221)*		
33 42 31 00-0223	EA	36" Height, 42" x 102" ID, Precast Concrete Inlet Box	4,075.40	544.68
33 42 31 00-0224	EA	42" Height, 42" x 102" ID, Precast Concrete Inlet Box	4,553.97	634.87
33 42 31 00-0225	EA	48" Height, 42" x 102" ID, Precast Concrete Inlet Box	5,032.53	723.84
33 42 31 00-0226	EA	54" Height, 42" x 102" ID, Precast Concrete Inlet Box	5,509.90	814.03
33 42 31 00-0227	EA	60" Height, 42" x 102" ID, Precast Concrete Inlet Box	5,988.47	903.00
33 42 31 00-0228	EA	66" Height, 42" x 102" ID, Precast Concrete Inlet Box	6,465.83	991.98
33 42 31 00-0229	EA	72" Height, 42" x 102" ID, Precast Concrete Inlet Box	6,945.60	1,082.16
33 42 31 00-0230		**42" x 102" ID, Precast Concrete Inlet Box Risers** *(33 42 31 00-0221)*		
33 42 31 00-0231	EA	6" Height, 42" x 102" ID, Precast Concrete Inlet Box Riser	687.78	
33 42 31 00-0232	EA	12" Height, 42" x 102" ID, Precast Concrete Inlet Box Riser	1,041.30	
33 42 31 00-0233	EA	18" Height, 42" x 102" ID, Precast Concrete Inlet Box Riser	1,511.46	
33 42 31 00-0234	EA	24" Height, 42" x 102" ID, Precast Concrete Inlet Box Riser	1,981.61	
33 42 31 00-0235	EA	30" Height, 42" x 102" ID, Precast Concrete Inlet Box Riser	2,416.89	
33 42 31 00-0236	EA	36" Height, 42" x 102" ID, Precast Concrete Inlet Box Riser	2,887.04	
33 42 31 00-0237	EA	42" Height, 42" x 102" ID, Precast Concrete Inlet Box Riser	3,365.61	
33 42 31 00-0238	EA	48" Height, 42" x 102" ID, Precast Concrete Inlet Box Riser	3,844.17	
33 42 31 00-0239	EA	54" Height, 42" x 102" ID, Precast Concrete Inlet Box Riser	4,321.54	
33 42 31 00-0240	EA	60" Height, 42" x 102" ID, Precast Concrete Inlet Box Riser	4,800.11	
33 42 31 00-0241	EA	66" Height, 42" x 102" ID, Precast Concrete Inlet Box Riser	5,277.47	
33 42 31 00-0242	EA	72" Height, 42" x 102" ID, Precast Concrete Inlet Box Riser	5,756.04	
33 42 31 00-0243		**42" x 102" ID, Precast Concrete Inlet Box Tops** *(33 42 31 00-0221)*		
33 42 31 00-0244	EA	42" x 102" ID, Precast Concrete Inlet Box Top Slab	1,858.52	240.48
33 42 31 00-0245		**Frames And Grates For Inlets** *(33 42 31 00-0090)*		
33 42 31 00-0246		**Inlet Frames And Grates** *(33 42 31 00-0245)*		
33 42 31 00-0247	EA	24" x 24", Heavy Duty Inlet Grate Note: For type A, B, D, or E inlets.	425.23	57.23
33 42 31 00-0248	EA	47-3/4" x 21-3/4", Bicycle Safe Inlet Grate (US Foundry 6352 GRT) Note: For type A, B, D, or E inlets.	548.76	57.23
33 42 31 00-0249	EA	47-3/4" x 21-3/4", Phase II Stormwater Compliant Inlet Grate (US Foundry 6352 GRT) Note: Includes legend: Dump No Waste "Drains To Waterways".	548.76	57.23
33 42 31 00-0250	EA	Phase II Storm Water Compliant Grate, Echo Grate, Type "B" And "D" Inlet Covers (US Foundry 6352 GRT Note: Legend: Dump No Waste "Drains to Waterways"	548.76	57.23
33 42 31 00-0251	EA	Parallel Bar Grates For Type A, B, D And E Inlets (Campbell Foundry 2617-0362)	600.47	57.23
33 42 31 00-0252	EA	Type B Inlet Dirt Plate (US Foundry 5217 BK)	456.40	114.46
33 42 31 00-0253	EA	Back Plate For Type B Inlets (Campbell Foundry 2548-1942)	528.79	114.46
33 42 31 00-0254	EA	Phase II Echo-Safe Bar For Series 2500/2600 Curb Inlets (Campbell Foundry 25419EC4) Note: Includes cam action clamping system, stainless steel badge labeled to center of plate, steel plate welded to bar with legend: Dump No Waste "Drains to Waterways".	658.40	143.07

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 31 00-0255	EA	1-1/2" Catch Basin Riser For Type B And D Inlets (General Foundries 6352 EXT)	565.33	143.07
33 42 31 00-0256	EA	2" Catch Basin Riser For Type B And D Inlets (General Foundries 6352 EXT)	575.68	143.07
33 42 31 00-0257	EA	2-1/2" Catch Basin Riser For Type B And D Inlets (General Foundries 6352 EXT)	596.36	143.07
33 42 31 00-0258	EA	3" Catch Basin Riser For Type B And D Inlets (General Foundries 6352 EXT)	617.04	143.07
33 42 31 00-0259	EA	2" Extension Frame For Type A Inlet (General Foundries 6352 EXT)	596.36	143.07
33 42 31 00-0260	EA	2-1/2" Extension Frame For Type A Inlet (General Foundries 6352 EXT)	617.04	143.07
33 42 31 00-0261	EA	3" Extension Frame For Type A Inlet (General Foundries 6352 EXT)	637.72	143.07
33 42 31 00-0262	EA	2" Extension Frame For Type E Inlet (General Foundries 6352 EXT)	906.57	143.07
33 42 31 00-0263	EA	2-1/2" Extension Frame For Type E Inlet (General Foundries 6352 EXT)	947.94	143.07
33 42 31 00-0264	EA	3" Extension Frame For Type E Inlet (General Foundries 6352 EXT)	989.30	143.07
33 42 31 00-0265	EA	2", 3 Sided Extension Frame For Type A, B, D, And E Inlet (Campbell Foundry 2701)	679.08	143.07
33 42 31 00-0266	EA	6" Type N Curb Back Piece For Type B And D Inlets (US Foundry 5218N6)	617.04	143.07
33 42 31 00-0267	EA	8" Type N Curb Back Piece For Type B And D Inlets (US Foundry 5218N8)	617.04	143.07
33 42 31 00-0268	EA	6" Radius Curb Back Piece For Type B And D Inlets (Campbell Foundry BSCB-6)	1,239.26	143.07
33 42 31 00-0269	EA	8" Radius Curb Back Piece For Type B And D Inlets (Campbell Foundry BSCB-8)	1,239.26	143.07
33 42 31 00-0270	EA	Safety Bars For Type B And D Inlets (General Foundries 5218 SB)	521.57	157.38
33 42 31 00-0271	EA	6", Phase II Echo-Safe Catch Basin Curb Inlet Cover (Campbell Foundry ERSS 648) Note: Includes cam action clamping system and stainless steel badge labeled to center of plate.	718.04	157.38
33 42 31 00-0272	EA	8", Phase II Echo-Safe Catch Basin Curb Inlet Cover (Campbell Foundry ERSS 848) Note: Includes cam action clamping system and stainless steel badge labeled to center of plate.	718.04	157.38
33 42 31 00-0273	EA	10", Phase II Echo-Safe Catch Basin Curb Inlet Cover (Campbell Foundry ERSS 1048) Note: Includes cam action clamping system and stainless steel badge labeled to center of plate.	790.43	157.38
33 42 31 00-0274	EA	Type B Inlet Frame (US Foundry 5216 FRM)	904.17	157.38
33 42 31 00-0275	EA	Type D Inlet Frame (US Foundry 2999 FRM)	780.08	157.38
33 42 31 00-0276	EA	Type B Inlet Frame (Campbell Foundry 2618-0202)	1,100.64	157.38
33 42 31 00-0277	EA	Type D Inlet Frame (Campbell Foundry 2617-0002)	976.56	157.38
33 42 31 00-0278	EA	Type A Inlet, Single Frame And Grate (US Foundry 52340)	1,264.38	228.91
33 42 31 00-0279	EA	Type E Inlet, Single Frame And Grate (US Foundry 52342)	2,008.90	228.91
33 42 31 00-0280	EA	Type A Inlet, Single Frame And Grate (General Foundries 52340)	1,233.36	228.91
33 42 31 00-0281	EA	Type E Inlet, Double Frame And Grate (General Foundries 52342)	1,911.70	228.91
33 42 31 00-0282	EA	Oversized Type A Inlet, Single Frame And Reticuline Grate (US Foundry 82340)	2,062.02	343.37
33 42 31 00-0283	EA	Heavy Duty Rectangular Frame And Grate (Campbell Foundry 3084)	2,134.75	457.82
33 42 31 00-0284	EA	6" Curb Piece, Type B Inlet Frame And Grate (US Foundry 52186)	2,332.31	457.82
33 42 31 00-0285	EA	8" Curb Piece, Type B Inlet Frame And Grate (US Foundry 52198)	2,332.31	457.82
33 42 31 00-0286	EA	6" Curb Piece, Type D Inlet Frame And Grate (US Foundry 72266)	2,073.79	457.82
33 42 31 00-0287	EA	8" Curb Piece, Type D Inlet Frame And Grate (US Foundry 72268)	2,073.79	457.82
33 42 31 00-0288	EA	Type B And C Inlet Frame And Grate With Type N Curb And Back Plate (Campbell Foundry GFI 52198)	2,415.03	457.82
33 42 31 00-0289		Catch Basin Frames And Covers *(33 42 31 00-0001)*		
33 42 31 00-0290		Cast Iron Frames And Covers *(33 42 31 00-0289)*		
33 42 31 00-0291	EA	18" Diameter Cast Iron Catch Basin Frame And Cover	876.58	121.68
33 42 31 00-0292	EA	22" Diameter Cast Iron Catch Basin Frame And Cover	1,106.64	137.49
33 42 31 00-0293	EA	24" Diameter Cast Iron Catch Basin Frame And Cover	1,251.12	142.35
33 42 31 00-0294	EA	26" Diameter Cast Iron Catch Basin Frame And Cover	1,409.30	165.48
33 42 31 00-0295	EA	28" Diameter Cast Iron Catch Basin Frame And Cover	1,650.23	188.59
33 42 31 00-0296	EA	32" Diameter Cast Iron Catch Basin Frame And Cover	2,624.20	197.11
33 42 31 00-0297	EA	16" x 16" Cast Iron Catch Basin Frame And Cover	1,425.47	149.65
33 42 31 00-0298	EA	18" x 24" Cast Iron Catch Basin Frame And Cover	1,856.01	172.78
33 42 31 00-0299	EA	20" x 27" Cast Iron Catch Basin Frame And Cover	2,097.14	180.08
33 42 31 00-0300	EA	23" x 23" Cast Iron Catch Basin Frame And Cover	1,982.62	180.08
33 42 31 00-0301	EA	24" x 24" Cast Iron Catch Basin Frame And Cover	2,049.31	187.38
33 42 31 00-0302	EA	26" x 26" Cast Iron Catch Basin Frame And Cover	2,200.00	194.68
33 42 31 00-0303	EA	24" x 36" Cast Iron Catch Basin Frame And Cover	2,642.07	209.28
33 42 31 00-0304		Area Yard Drain *(33 42 31 00-0001)* See CSI section 22 14 26 16-0001 for drains.		
33 42 31 00-0305		Ductile Iron Grates *(33 42 31 00-0304)* Note: Not for traffic loading.		
33 42 31 00-0306	EA	8" Diameter Ductile Iron Grate Adapter Necks Down To 4" and 6" Diameter Pipe	170.67	41.01
33 42 31 00-0307	EA	10" Diameter Ductile Iron Grate Adapters To 4", 6", or 8" Diameter Pipe	208.77	43.75
33 42 31 00-0308	EA	12" Diameter Ductile Iron Grate Adapters To 4" Through 12" Diameter Pipe	482.42	54.69
33 42 31 00-0309	EA	15" Diameter Ductile Iron Grate Adapters To 4" Through 12" Diameter Pipe	576.46	65.62
33 42 33		**Stormwater Curbside Drains and Inlets** *(33 42)*		
33 42 33 00-0001		Curb Inlet Frames And Covers *(33 42 33)*		
33 42 33 00-0002		Cast Iron Curb Inlet Frames And Covers *(33 42 33 00-0001)*		
33 42 33 00-0003	EA	20" x 22" Cast Iron Curb Inlet Frame And Cover	1,776.78	142.35
33 42 33 00-0004	EA	22" x 24" Cast Iron Curb Inlet Frame And Cover	1,900.23	165.48
33 42 33 00-0005	EA	24" x 24" Cast Iron Curb Inlet Frame And Cover	1,975.26	165.48
33 42 33 00-0006	EA	27" x 27" Cast Iron Curb Inlet Frame And Cover	2,163.15	194.68
33 42 33 00-0007	EA	36" x 24" Cast Iron Curb Inlet Frame And Cover	2,140.94	208.06
33 42 36		**Stormwater Trench Drains** *(33 42)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 36 00-0001		**Modular Trench Drains** *(33 42 36)* See CSI section 03 31 13 00-0011 for concrete.		
33 42 36 00-0002		**Modular Trench Drains** *(33 42 36 00-0001)* Note: Excludes grates. See CSI section 33 42 36 00-0118 for grates.		
33 42 36 00-0003		**4" Wide, Modular Trench Drains** *(33 42 36 00-0002)*		
33 42 36 00-0004		**4 Wide, High Density Polyethylene, Shallow Modular Trench Drains** *(33 42 36 00-0003)*		
33 42 36 00-0005		**4 Wide, High Density Polyethylene, Shallow Modular Trench Drains** *(33 42 36 00-0004)*		
33 42 36 00-0006	LF	4" Wide, High Density Polyethylene, Shallow Modular Trench Drain (Zurn Z844-C)	72.30	19.47
		For Extra Heavy Duty Frame Assembly With Anchor Studs And Grate Lockdown, Add	*104.23*	
		For Galvanized Extra Heavy Duty Frame Assembly With Anchor Studs And Grate Lockdown, Add	*208.46*	
		For Stainless Steel Extra Heavy Duty Frame Assembly With Anchor Studs And Grate Lockdown, Add	*333.53*	
		For Type 304 Stainless Steel Top Veneer Frame, Add	*83.38*	
		For Aluminum Veneer Bronze Anodized Frame, Add	*41.69*	
33 42 36 00-0007		**Outlet Adapters For 4 Wide, High Density Polyethylene, Shallow Modular Trench Drains** *(33 42 36 00-0004)*		
33 42 36 00-0008	EA	Closed End Cap For 4" Wide, High Density Polyethylene, Shallow Modular Trench Drain	54.41	
33 42 36 00-0009	EA	No-Hub End Outlet For 4" Wide, High Density Polyethylene, Shallow Modular Trench Drain	66.58	
33 42 36 00-0010	EA	No-Hub Bottom Outlet For 4" Wide, High Density Polyethylene, Shallow Modular Trench Drain	66.58	
33 42 36 00-0011		**6" Wide, Modular Trench Drains** *(33 42 36 00-0002)*		
33 42 36 00-0012		**6" Wide, High Density Polyethylene, Modular Trench Drains** *(33 42 36 00-0011)*		
33 42 36 00-0013		**6" Wide, High Density Polyethylene, Modular Trench Drains** *(33 42 36 00-0012)*		
33 42 36 00-0014	LF	6" Wide, High Density Polyethylene, Modular Trench Drain	217.34	19.47
		For Extra Heavy Duty Frame Assembly With Anchor Studs And Grate Lockdown, Add	*104.23*	
		For Galvanized Extra Heavy Duty Frame Assembly With Anchor Studs And Grate Lockdown, Add	*208.46*	
		For Stainless Steel Extra Heavy Duty Frame Assembly With Anchor Studs And Grate Lockdown, Add	*333.53*	
		For Type 304 Stainless Steel Top Veneer Frame, Add	*83.38*	
		For Aluminum Veneer Bronze Anodized Frame, Add	*41.69*	
33 42 36 00-0015		**Outlet Adapters For 6" Wide, High Density Polyethylene, Modular Trench Drains** *(33 42 36 00-0012)*		
33 42 36 00-0016	EA	Closed End Cap For 6" Wide, High Density Polyethylene, Modular Trench Drains	99.37	
33 42 36 00-0017	EA	No-Hub End Outlet For 6" Wide, High Density Polyethylene, Modular Trench Drains	111.54	
33 42 36 00-0018	EA	No-Hub Bottom Outlet For 6" Wide, High Density Polyethylene, Modular Trench Drains	111.54	
33 42 36 00-0019		**Other Fittings For 6" Wide, High Density Polyethylene, Modular Trench Drains** *(33 42 36 00-0012)*		
33 42 36 00-0020	EA	Bottom Dome Strainer For 6" Wide, High Density Polyethylene, Modular Trench Drains	189.18	
33 42 36 00-0021	EA	Joint Connector For 6" Wide, High Density Polyethylene, Modular Trench Drains	189.18	
33 42 36 00-0022	EA	90 Degree, 45 Degree, Tee Or Side Outlet Charge For 6" Wide, High Density Polyethylene, Modular Trench Drains	894.65	
33 42 36 00-0023	EA	Cross For 6" Wide, High Density Polyethylene, Modular Trench Drains	1,728.47	
33 42 36 00-0024	EA	Cutting Charge For 6" Wide, High Density Polyethylene, Modular Trench Drains	208.46	
33 42 36 00-0025		**6" Wide, Fiber Reinforced Polyester, Modular Trench Drains** *(33 42 36 00-0011)*		
33 42 36 00-0026		**6" Wide, Fiber Reinforced Polyester, Modular Trench Drains** *(33 42 36 00-0025)*		
33 42 36 00-0027	LF	6" Wide, Fiber Reinforced Polyester, Modular Trench Drain	315.31	19.47
		For Black Acid Resistant Coated Frame, Add	*79.21*	
		For Galvanized Top Frame Assembly, Add	*79.21*	
		For Type 304 Stainless Steel Top Frame Assembly, Add	*291.84*	
33 42 36 00-0028		**Outlet Adapters For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains** *(33 42 36 00-0025)*		
33 42 36 00-0029	EA	Closed End Cap For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains	107.71	
33 42 36 00-0030	EA	No-Hub End Outlet For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains	119.88	
33 42 36 00-0031	EA	No-Hub Bottom Outlet For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains	119.88	
33 42 36 00-0032		**Other Fittings For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains** *(33 42 36 00-0025)*		
33 42 36 00-0033	EA	Bottom Dome Strainer For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains	189.18	
33 42 36 00-0034	EA	Joint Connector For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains	189.18	
33 42 36 00-0035	EA	90 Degree, 45 Degree, Tee Or Side Outlet For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains	894.65	
33 42 36 00-0036	EA	Cross For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains	1,728.47	
33 42 36 00-0037	EA	Cutting Charge For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains	208.46	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 36 00-0038		6" Wide, Vinylester Fiberglass, Modular Trench Drains *(33 42 36 00-0011)*		
33 42 36 00-0039		6" Wide, Vinylester Fiberglass, Modular Trench Drains *(33 42 36 00-0038)*		
33 42 36 00-0040	LF	6" Wide, Vinylester Fiberglass, Modular Trench Drain	407.03	19.47
		For Black Acid Resistant Coated Frame, Add	*79.21*	
		For Galvanized Top Frame Assembly, Add	*79.21*	
		For Type 304 Stainless Steel Top Frame Assembly, Add	*291.84*	
33 42 36 00-0041		Outlet Adapters For 6" Wide, Vinylester Fiberglass, Modular Trench Drains *(33 42 36 00-0038)*		
33 42 36 00-0042	EA	Closed End Cap For 6" Wide, Vinylester Fiberglass, Modular Trench Drains	174.42	
33 42 36 00-0043	EA	No-Hub End Outlet For 6" Wide, Vinylester Fiberglass, Modular Trench Drains	186.59	
33 42 36 00-0044	EA	No-Hub Bottom Outlet For 6" Wide, Vinylester Fiberglass, Modular Trench Drains	186.59	
33 42 36 00-0045		Other Fittings For 6" Wide, Vinylester Fiberglass, Modular Trench Drains *(33 42 36 00-0038)*		
33 42 36 00-0046	EA	Bottom Dome Strainer For 6" Wide, Vinylester Fiberglass, Modular Trench Drains	189.18	
33 42 36 00-0047	EA	Joint Connector For 6" Wide, Vinylester Fiberglass, Modular Trench Drains	189.18	
33 42 36 00-0048	EA	90 Degree, 45 Degree, Tee Or Side Outlet For 6" Wide, Vinylester Fiberglass, Modular Trench Drains	894.65	
33 42 36 00-0049	EA	Cross For 6" Wide, Vinylester Fiberglass, Modular Trench Drains	1,728.47	
33 42 36 00-0050	EA	Cutting Charge For 6" Wide, Vinylester Fiberglass, Modular Trench Drains	208.46	
33 42 36 00-0051		6" Wide, Polymer Concrete, Modular Trench Drains *(33 42 36 00-0011)*		
33 42 36 00-0052		6" Wide, Polymer Concrete, Modular Trench Drains *(33 42 36 00-0051)*		
33 42 36 00-0053	LF	6" Wide, Polymer Concrete, Modular Trench Drain	482.48	
33 42 36 00-0054		Outlet Adapters For 6" Wide, Polymer Concrete, Modular Trench Drains *(33 42 36 00-0051)*		
33 42 36 00-0055	EA	Closed End Cap For 6" Wide, Polymer Concrete, Modular Trench Drain	191.94	
33 42 36 00-0056	EA	No-Hub End Outlet For 6" Wide, Polymer Concrete, Modular Trench Drain	234.36	
33 42 36 00-0057	EA	No-Hub Bottom Outlet For 6" Wide, Polymer Concrete, Modular Trench Drain	76.07	
33 42 36 00-0058		12" Wide, Modular Trench Drains *(33 42 36 00-0002)*		
33 42 36 00-0059		12" Wide, High Density Polyethylene, Modular Trench Drains *(33 42 36 00-0058)*		
33 42 36 00-0060		12" Wide, High Density Polyethylene, Modular Trench Drains *(33 42 36 00-0059)*		
33 42 36 00-0061	LF	12" Wide, High Density Polyethylene, Modular Trench Drain	407.90	26.77
		For Acid Resistant Coated Top Frame, Add	*108.40*	
		For Galvanized Welded Frame Assembly, Add	*113.61*	
		For Type 304 Stainless Steel Top Frame, Add	*650.38*	
33 42 36 00-0062		Outlet Adapters For 12" Wide, High Density Polyethylene, Modular Trench Drains *(33 42 36 00-0059)*		
33 42 36 00-0063	EA	End Cap For 12" Wide, High Density Polyethylene, Modular Trench Drains	203.37	
33 42 36 00-0064	EA	No-Hub End Outlet For 12" Wide, High Density Polyethylene, Modular Trench Drains	219.60	
33 42 36 00-0065	EA	No-Hub Bottom Outlet For 12" Wide, High Density Polyethylene, Modular Trench Drains	219.60	
33 42 36 00-0066		Other Fittings For 12" Wide, High Density Polyethylene, Modular Trench Drains *(33 42 36 00-0059)*		
33 42 36 00-0067	EA	Bottom Dome Strainer For 12" Wide, High Density Polyethylene, Modular Trench Drains	337.64	
33 42 36 00-0068	EA	Joint Connector For 12" Wide, High Density Polyethylene, Modular Trench Drains	441.87	
33 42 36 00-0069	EA	90 Degree, 45 Degree, Tee Or Side Outlet For 12" Wide, High Density Polyethylene, Modular Trench Drains	1,761.23	
33 42 36 00-0070	EA	Cross For 12" Wide, High Density Polyethylene, Modular Trench Drains	3,428.87	
33 42 36 00-0071	EA	Cutting Charges For 12" Wide, High Density Polyethylene, Modular Trench Drains	416.91	
33 42 36 00-0072		12" Wide, Fiber Reinforced Polyester, Modular Trench Drains *(33 42 36 00-0058)*		
33 42 36 00-0073		12" Wide, Fiber Reinforced Polyester, Modular Trench Drains *(33 42 36 00-0072)*		
33 42 36 00-0074	LF	12" Wide, Fiber Reinforced Polyester, Modular Trench Drain	512.13	26.77
		For Acid Resistant Coated Top Frame, Add	*108.40*	
		For Galvanized Welded Frame Assembly, Add	*113.61*	
		For Type 304 Stainless Steel Top Frame, Add	*650.38*	
33 42 36 00-0075		Outlet Adapters For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains *(33 42 36 00-0072)*		
33 42 36 00-0076	EA	End Cap For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains	211.71	
33 42 36 00-0077	EA	No-Hub End Outlet For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains	227.94	
33 42 36 00-0078	EA	No-Hub Bottom Outlet For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains	227.94	

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CSI	MINOR UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 36 00-0079		Other Fittings For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains *(33 42 36 00-0072)*		
33 42 36 00-0080	EA	Bottom Dome Strainer For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains	337.64	
33 42 36 00-0081	EA	Joint Connector For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains	441.87	
33 42 36 00-0082	EA	90 Degree, 45 Degree, Tee Or Side Outlet For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains	1,761.23	
33 42 36 00-0083	EA	Cross For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains	3,428.87	
33 42 36 00-0084	EA	Cutting Charges For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains	416.91	
33 42 36 00-0085		12" Wide, Vinylester Fiberglass, Modular Trench Drains *(33 42 36 00-0058)*		
33 42 36 00-0086		12" Wide, Vinylester Fiberglass, Modular Trench Drains *(33 42 36 00-0085)*		
33 42 36 00-0087	LF	12" Wide, Vinylester Fiberglass, Modular Trench Drain	720.59	26.77
		For Acid Resistant Coated Top Frame, Add	*108.40*	
		For Galvanized Welded Frame Assembly, Add	*113.61*	
		For Type 304 Stainless Steel Top Frame, Add	*650.38*	
33 42 36 00-0088		Outlet Adapters For 12" Wide, Vinylester Fiberglass, Modular Trench Drains *(33 42 36 00-0085)*		
33 42 36 00-0089	EA	End Cap For 12" Wide, Vinylester Fiberglass, Modular Trench Drains	524.39	
33 42 36 00-0090	EA	No-Hub End Outlet For 12" Wide, Vinylester Fiberglass, Modular Trench Drains	540.62	
33 42 36 00-0091	EA	No-Hub Bottom Outlet For 12" Wide, Vinylester Fiberglass, Modular Trench Drains	540.62	
33 42 36 00-0092		Other Fittings For 12" Wide, Vinylester Fiberglass, Modular Trench Drains *(33 42 36 00-0085)*		
33 42 36 00-0093	EA	Bottom Dome Strainer For 12" Wide, Vinylester Fiberglass, Modular Trench Drains	337.64	
33 42 36 00-0094	EA	Joint Connector For 12" Wide, Vinylester Fiberglass, Modular Trench Drains	441.87	
33 42 36 00-0095	EA	90 Degree, 45 Degree, Tee Or Side Outlet For 12" Wide, Vinylester Fiberglass, Modular Trench Drains	1,761.23	
33 42 36 00-0096	EA	Cross For 12" Wide, Vinylester Fiberglass, Modular Trench Drains	3,428.87	
33 42 36 00-0097	EA	Cutting Charges For 12" Wide, Vinylester Fiberglass, Modular Trench Drains	416.91	
33 42 36 00-0098		12" Wide, Polymer Concrete, Modular Trench Drains *(33 42 36 00-0058)*		
33 42 36 00-0099		12" Wide, Polymer Concrete, Modular Trench Drains *(33 42 36 00-0098)*		
33 42 36 00-0100	LF	12" Wide, Polymer Concrete, Modular Trench Drain	647.10	
33 42 36 00-0101		Outlet Adapters For 12" Wide, Polymer Concrete, Modular Trench Drains *(33 42 36 00-0098)*		
33 42 36 00-0102	EA	Closed End Cap For 12" Wide, Polymer Concrete, Modular Trench Drain	325.81	
33 42 36 00-0103	EA	No-Hub End Outlet For 12" Wide, Polymer Concrete, Modular Trench Drain	560.82	
33 42 36 00-0104	EA	No-Hub Bottom Outlet For 12" Wide, Polymer Concrete, Modular Trench Drain	132.37	
33 42 36 00-0105		23" Wide, Modular Trench Drains *(33 42 36 00-0002)*		
33 42 36 00-0106		23" Wide, High Density Polyethylene, Modular Trench Drains *(33 42 36 00-0105)*		
33 42 36 00-0107		23" Wide, High Density Polyethylene, Modular Trench Drains *(33 42 36 00-0106)*		
33 42 36 00-0108	LF	23" Wide, High Density Polyethylene, Modular Trench Drain	571.66	36.50
		For Acid Resistant Coated Frame, Add	*162.59*	
		For Galvanized Frame Assembly, Add	*162.59*	
		For Type 304 Stainless Steel Top Frame, Add	*1,000.58*	
33 42 36 00-0109		Outlet Adapters For 23" Wide, High Density Polyethylene, Modular Trench Drains *(33 42 36 00-0106)*		
33 42 36 00-0110	EA	End Cap For 23" Wide, High Density Polyethylene, Modular Trench Drains	643.62	
33 42 36 00-0111	EA	No-Hub End Outlet For 23" Wide, High Density Polyethylene, Modular Trench Drains	941.97	
33 42 36 00-0112	EA	No-Hub Bottom Outlet For 23" Wide, High Density Polyethylene, Modular Trench Drains	941.97	
33 42 36 00-0113		Other Fittings For 23" Wide, High Density Polyethylene, Modular Trench Drains *(33 42 36 00-0106)*		
33 42 36 00-0114	EA	Bottom Dome Strainer For 23" Wide, High Density Polyethylene, Modular Trench Drains	766.09	
33 42 36 00-0115	EA	90 Degree, 45 Degree, Tee Or Side Outlet For 23" Wide, High Density Polyethylene, Modular Trench Drains	3,487.35	
33 42 36 00-0116	EA	Cross For 23" Wide, High Density Polyethylene, Modular Trench Drains	6,822.63	
33 42 36 00-0117	EA	Cutting Charges For 23" Wide, High Density Polyethylene, Modular Trench Drains	833.82	
33 42 36 00-0118		Modular Trench Drain Grates *(33 42 36 00-0001)*		
33 42 36 00-0119		4" Wide, Modular Trench Drain Grates *(33 42 36 00-0118)*		
33 42 36 00-0120	LF	4" Wide, Polypropylene, Silver Heel Proof, Modular Trench Drain Grate (Zurn Z884-P4-HPP)	44.44	3.66
33 42 36 00-0121	LF	4" Wide, Class C Cast Iron, Modular Trench Drain Grate (Zurn Z884-P4-CG)	46.70	3.66
33 42 36 00-0122	LF	4" Wide, Galvanized Steel Slotted, Modular Trench Drain Grate (Zurn Z884-P4-FG)	37.68	3.66
33 42 36 00-0123	LF	4" Wide, Stainless Steel Slotted, Modular Trench Drain Grate (Zurn Z884-P4-FS)	99.72	3.66
33 42 36 00-0124	LF	4" Wide, Galvanized Steel Perforated, Modular Trench Drain Grate (Zurn Z884-P4-FG)	37.68	3.66

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 36 00-0125	LF	4" Wide, Stainless Steel Perforated, Modular Trench Drain Grate (Zurn Z884-P4-FS)	99.72	3.66
33 42 36 00-0126		**6" Wide, Modular Trench Drain Grates** *(33 42 36 00-0118)*		
33 42 36 00-0127	LF	6" Wide, Galvanized Ductile Iron Cast Bar, Modular Trench Drain Grate	206.21	3.66
33 42 36 00-0128	LF	6" Wide, Ductile Iron Cast Bar, Modular Trench Drain Grate	174.73	3.66
33 42 36 00-0129	LF	6" Wide, Ductile Iron Solid Cover, Modular Trench Drain Grate	183.49	3.66
33 42 36 00-0130	LF	6" Wide, Ductile Iron Slotted, Modular Trench Drain Grate	160.35	3.66
33 42 36 00-0131	LF	6" Wide, Galvanized Ductile Iron Slotted, Modular Trench Drain Grate	172.85	3.66
33 42 36 00-0132	LF	6" Wide, Heel Proof Ductile Iron, Modular Trench Drain Grate	174.94	3.66
33 42 36 00-0133	LF	6" Wide, Ductile Iron Longitudinal Slotted, Modular Trench Drain Grate	174.94	3.66
33 42 36 00-0134	LF	6" Wide, Galvanized Cast Iron Slotted, Modular Trench Drain Grate	172.85	3.66
33 42 36 00-0135	LF	6" Wide, Galvanized Steel Slotted, Modular Trench Drain Grate	152.01	3.66
33 42 36 00-0136	LF	6" Wide, Perforated Galvanized Steel, Modular Trench Drain Grate	152.01	3.66
33 42 36 00-0137	LF	6" Wide, Reinforced Galvanized Steel Slotted, Modular Trench Drain Grate	161.60	3.66
33 42 36 00-0138	LF	6" Wide, Reinforced Perforated Galvanized Steel, Modular Trench Drain Grate	161.60	3.66
33 42 36 00-0139	LF	6" Wide, Fabricated Stainless Steel Slotted, Modular Trench Drain Grate	210.38	3.66
33 42 36 00-0140	LF	6" Wide, Perforated Stainless Steel, Modular Trench Drain Grate	210.38	3.66
33 42 36 00-0141	LF	6" Wide, Reinforced Stainless Steel Slotted, Modular Trench Drain Grate	385.48	3.66
33 42 36 00-0142	LF	6" Wide, Reinforced Perforated Stainless Steel, Modular Trench Drain Grate	385.48	3.66
33 42 36 00-0143	LF	6" Wide, Stainless Steel Bar, Modular Trench Drain Grate	1,073.38	3.66
33 42 36 00-0144	LF	6" Wide, Heel Proof Polyethylene, Modular Trench Drain Grate	143.67	3.66
33 42 36 00-0145	LF	6" Wide, Fiberglass, Modular Trench Drain Grate	310.43	3.66
33 42 36 00-0146		**12" Wide, Modular Trench Drain Grates** *(33 42 36 00-0118)*		
33 42 36 00-0147	LF	12" Wide, Black Acid Resistant Coated Ductile Iron, Modular Trench Drain Grate	569.52	3.95
33 42 36 00-0148	LF	12" Wide, Ductile Iron Solid Cover, Modular Trench Drain Grate	544.50	3.95
33 42 36 00-0149	LF	12" Wide, Galvanized Ductile Iron Slotted, Modular Trench Drain Grate	473.63	3.95
33 42 36 00-0150	LF	12" Wide, Heel Proof Ductile Iron, Modular Trench Drain Grate	497.60	3.95
33 42 36 00-0151	LF	12" Wide, Perforated Galvanized Steel, Modular Trench Drain Grate	429.85	3.95
33 42 36 00-0152	LF	12" Wide, Reinforced Galvanized Steel Slotted, Modular Trench Drain Grate	841.55	3.95
33 42 36 00-0153	LF	12" Wide, Reinforced Perforated Galvanized Steel, Modular Trench Drain Grate	841.55	3.95
33 42 36 00-0154	LF	12" Wide, Fabricated Stainless Steel Slotted, Modular Trench Drain Grate	1,073.98	3.95
33 42 36 00-0155	LF	12" Wide, Perforated Stainless Steel, Modular Trench Drain Grate	1,073.98	3.95
33 42 36 00-0156	LF	12" Wide, Reinforced Stainless Steel Slotted, Modular Trench Drain Grate	1,371.03	3.95
33 42 36 00-0157	LF	12" Wide, Reinforced Perforated Stainless Steel Slotted, Modular Trench Drain Grate	1,371.03	3.95
33 42 36 00-0158	LF	12" Wide, Stainless Steel Cast Bar, Modular Trench Drain Grate	1,301.20	3.95
33 42 36 00-0159	LF	12" Wide, Fiberglass, Modular Trench Drain Grate	614.34	3.95
33 42 36 00-0160		**23" Wide, Modular Trench Drain Grates** *(33 42 36 00-0118)*		
33 42 36 00-0161	LF	23" Wide, Ductile Iron Solid Cover, Modular Trench Drain Grate	899.49	4.26
33 42 36 00-0162	LF	23" Wide, Ductile Iron Slotted, Modular Trench Drain Grate	757.74	4.26
33 42 36 00-0163	LF	23" Wide, Galvanized Ductile Iron Slotted, Modular Trench Drain Grate	1,174.65	4.26
33 42 36 00-0164	LF	23" Wide, Heel Proof Longitudinal Ductile Iron, Modular Trench Drain Grate	870.30	4.26

33 44 Storm Utility Water Drains *(33 40)*

33 44 36 Oil and Stormwater Separators *(33 44)*

33 44 36 00-0001 Oil/Water Separator *(33 44 36)*
Note: Complete with internal sensors and detectors.

33 44 36 00-0002 Coalescing Oil Water Separator *(33 44 36 00-0001)*
Note: Underground tank with interior polyurethane coating. Includes manways, coalescer, inlet and outlet spools, pump mount, 2" level sensor pipe and 4" pump out pipe. HighGuard as manufactured by Highland Tank, Stoystown, PA.

33 44 36 00-0003 Single Wall Steel Coalescing Oil Water Separator *(33 44 36 00-0002)*

33 44 36 00-0004	EA	550 Gallon, 55 GPM Single Wall Steel Coalescing Oil Water Separator With Manways Note: HTC-G 550. 3'-6" diameter x 10'-9" long tank.	19,113.84	
		For Interior Polyurethane Coating, Add	*711.00*	
33 44 36 00-0005	EA	1,000 Gallon, 100 GPM Single Wall Steel Coalescing Oil Water Separator With Manways Note: HTC-G 1000. 4' diameter x 14' long tank.	23,367.54	
		For Interior Polyurethane Coating, Add	*893.70*	
33 44 36 00-0006	EA	2,000 Gallon, 200 GPM Single Wall Steel Coalescing Oil Water Separator With Manways Note: HTC-G 2000. 5'-4" diameter x 15' long tank.	27,967.84	
		For Interior Polyurethane Coating, Add	*1,340.10*	

33 44 36 00-0007 Double Wall Steel Coalescing Oil Water Separator *(33 44 36 00-0002)*

33 44 36 00-0008	EA	550 Gallon, 55 GPM Double Wall Steel Coalescing Oil Water Separator With Manways Note: HTC-G 550. 3'-6" diameter x 10'-9" long tank.	29,642.63	
		For Interior Polyurethane Coating, Add	*711.00*	
33 44 36 00-0009	EA	1,000 Gallon, 100 GPM Double Wall Steel Coalescing Oil Water Separator With Manways Note: HTC-G 1000. 4' diameter x 14' long tank.	34,082.48	
		For Interior Polyurethane Coating, Add	*893.70*	
33 44 36 00-0010	EA	2,000 Gallon, 200 GPM Double Wall Steel Coalescing Oil Water Separator With Manways Note: HTC-G 2000. 5'-4" diameter x 15' long tank.	41,601.22	
		For Interior Polyurethane Coating, Add	*1,340.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 44 36 00-0011	EA	3,000 Gallon, 300 GPM Double Wall Steel Coalescing Oil Water Separator With Manways Note: HTC-G 3000. 5'-4" diameter x 21'-4" long tank.	48,405.29	
		For Interior Polyurethane Coating, Add	*1,550.70*	
33 44 36 00-0012	EA	5,000 Gallon, 500 GPM Double Wall Steel Coalescing Oil Water Separator With Manways Note: HTC-G 5000. 6' diameter x 28'-8" long tank.	64,259.26	
		For Interior Polyurethane Coating, Add	*2,057.80*	

33 44 36 00-0013 Accessories For Coalescing Oil Water Separators *(33 44 36 00-0002)*

33 44 36 00-0014	EA	Single Channel Alarm Panel For Coalescing Oil Water Separator Note: HTAP1.	1,167.72	
33 44 36 00-0015	EA	Two Channel Alarm Panel For Coalescing Oil Water Separator Note: HTAP2.	1,589.64	
33 44 36 00-0016	EA	Float Interface Sensor For Coalescing Oil Water Separator Note: Required for UL 2215 label.	947.83	
33 44 36 00-0017	EA	1-1/2" Liquid Only Sensor For Coalescing Oil Water Separator Note: Required for UL 2215 label.	698.26	
33 44 36 00-0018	EA	Polyvinyl Chloride (PVC) Cap For 2" Sensor For Coalescing Oil Water Separator Note: Required for UL 2215 label.	230.30	
33 44 36 00-0019	EA	550, 1,000 Or 2,000 Gallon Tank Concrete Deadmen Set (2 Each) For Coalescing Oil Water Separator	4,068.26	
33 44 36 00-0020	EA	3,000 Gallon Tank Concrete Deadmen Set (4 Each) For Coalescing Oil Water Separator	8,136.51	
33 44 36 00-0021	EA	5,000 Gallon Tank Concrete Deadmen Set (6 Each) For Coalescing Oil Water Separator	12,204.87	
33 44 36 00-0022	EA	550 Or 1,000 Gallon Tank Polyester Hold Down Straps (2 Each) With Galvanized Turnbuckle And Clamps For Coalescing Oil Water Separator	754.17	
33 44 36 00-0023	EA	2,000 Gallon Tank Polyester Hold Down Straps (2 Each) With Galvanized Turnbuckle And Clamps For Coalescing Oil Water Separator	887.28	
33 44 36 00-0024	EA	3,000 Gallon Tank Polyester Hold Down Straps (4 Each) With Galvanized Turnbuckle And Clamps For Coalescing Oil Water Separator	1,774.55	
33 44 36 00-0025	EA	5,000 Gallon Tank Polyester Hold Down Straps (6 Each) With Galvanized Turnbuckle And Clamps For Coalescing Oil Water Separator	3,909.74	
33 44 36 00-0026	EA	30" Diameter Grade Level Manway For Coalescing Oil Water Separator Note: Required when installed in paved areas.	1,066.14	
33 44 36 00-0027	EA	36" Diameter Grade Level Manway For Coalescing Oil Water Separator Note: Required when installed in paved areas.	1,386.07	
33 44 36 00-0028	EA	48" Diameter Grade Level Manway For Coalescing Oil Water Separator Note: Required when installed in paved areas.	1,913.99	
33 44 36 00-0029	EA	54" x 54" Grade Level Manway For Coalescing Oil Water Separator Note: Required when installed in paved areas.	3,469.69	
33 44 36 00-0030	EA	66" x 54" Grade Level Manway For Coalescing Oil Water Separator Note: Required when installed in paved areas.	4,455.52	
33 44 36 00-0031	EA	66" x 66" Grade Level Manway For Coalescing Oil Water Separator Note: Required when installed in paved areas.	5,586.94	
33 44 36 00-0032	EA	78" x 66" Grade Level Manway For Coalescing Oil Water Separator Note: Required when installed in paved areas.	7,038.64	
33 44 36 00-0033	EA	550 Gallon Petroscreen (Material Only) For Coalescing Oil Water Separator	1,387.23	
33 44 36 00-0034	EA	1,000 Gallon Petroscreen (Material Only) For Coalescing Oil Water Separator	1,690.89	
33 44 36 00-0035	EA	2,000 Gallon Petroscreen (Material Only) For Coalescing Oil Water Separator	2,655.92	
33 44 36 00-0036	EA	550 Gallon Corrugated Coalescer Plate (Material Only) For Coalescing Oil Water Separator	1,322.76	
33 44 36 00-0037	EA	1,000 Gallon Corrugated Coalescer Plate (Material Only) For Coalescing Oil Water Separator	1,605.61	
33 44 36 00-0038	EA	2,000 Gallon Corrugated Coalescer Plate (Material Only) For Coalescing Oil Water Separator	1,905.11	
33 44 36 00-0039	EA	18" Manhole Gasket (Material Only) For Coalescing Oil Water Separator	112.31	
33 44 36 00-0040	EA	24" Manhole Gasket (Material Only) For Coalescing Oil Water Separator	126.87	

33 44 36 00-0041 Oil Skimmers *(33 44 36)*

33 44 36 00-0042 Oil Skimmers, 12" And 24" Models *(33 44 36 00-0041)*

33 44 36 00-0043	EA	Oil Skimmers, TENV, 12" Open, 1/2 HP, 230/460 Volt, 3 Phase	5,120.76	635.82
33 44 36 00-0044	EA	Oil Skimmers, Explosion-Proof, 12" Open, 1/2 HP, 230/460 Volt, 3 Phase	5,356.56	635.82
33 44 36 00-0045	EA	Oil Skimmers, TENV, 12" Open, 1/2 HP, 115/220 Volt, 1 Phase	5,142.60	635.82
33 44 36 00-0046	EA	Oil Skimmers, Explosion-Proof, 12" Open, 1/2 HP, 115/220 Volt, 1 Phase	5,444.98	635.82
33 44 36 00-0047	EA	Oil Skimmers, TENV, 12" Enclosed, 1/2 HP, 230/460 Volt, 3 Phase	5,390.40	635.82
33 44 36 00-0048	EA	Oil Skimmers, Explosion-Proof, 12" Enclosed, 1/2 HP, 230/460 Volt, 3 Phase	5,590.17	635.82
33 44 36 00-0049	EA	Oil Skimmers, TENV, 12" Enclosed, 1/2 HP, 115/220 Volt, 1 Phase	5,441.70	635.82
33 44 36 00-0050	EA	Oil Skimmers, Explosion-Proof, 12" Enclosed, 1/2 HP, 115/220 Volt, 1 Phase	5,743.00	635.82
33 44 36 00-0051	EA	Oil Skimmers, TENV, 24" Open, 1/2 HP, 230/460 Volt, 3 Phase	5,798.17	847.94
33 44 36 00-0052	EA	Oil Skimmers, Explosion-Proof, 24" Open, 1/2 HP, 230/460 Volt, 3 Phase	6,050.34	847.94
33 44 36 00-0053	EA	Oil Skimmers, TENV, 24" Open, 1/2 HP, 115/220 Volt, 1 Phase	5,864.76	847.94
33 44 36 00-0054	EA	Oil Skimmers, Explosion-Proof, 24" Open, 1/2 HP, 115/220 Volt, 1 Phase	6,227.19	847.94
33 44 36 00-0055	EA	Oil Skimmers, TENV, 24" Enclosed, 1/2 HP, 230/460 Volt, 3 Phase	6,435.69	847.94
33 44 36 00-0056	EA	Oil Skimmers, Explosion-Proof, 24" Enclosed, 1/2 HP, 230/460 Volt, 3 Phase	6,687.86	847.94
33 44 36 00-0057	EA	Oil Skimmers, TENV, 24" Enclosed, 1/2 HP, 115/220 Volt, 1 Phase	6,489.18	847.94
33 44 36 00-0058	EA	Oil Skimmers, Explosion-Proof, 24" Enclosed, 1/2 HP, 115/220 Volt, 1 Phase	6,852.70	847.94

33 44 36 00-0059 Oil Skimmers, Add-Ons *(33 44 36 00-0041)*

33 44 36 00-0060	LF	Add For Belt Projection, 12" Width	16.37
33 44 36 00-0061	LF	Add For Belt Projection, 24" Width	30.57
33 44 36 00-0062	LF	Add For Spacer Stands, 12" Models	267.51
33 44 36 00-0063	LF	Add For Spacer Stands, 24" Models	315.54

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

33 46 Stormwater Management *(33 40)*

33 46 53 Stormwater Leaching Pits *(33 46)*

33 46 53 00-0001 Drainage Wells *(33 46 53)*
Note: Includes augering hole.

33 46 53 00-0002	LF	12" Diameter Drainage Well With Corrugated Metal Liner	37.46	
33 46 53 00-0003	LF	18" Diameter Drainage Well With Corrugated Metal Liner	46.35	
33 46 53 00-0004	LF	24" Diameter Drainage Well With Corrugated Metal Liner	63.04	

33 50 Hydrocarbon Utilities *(33)*

33 52 Hydrocarbon Transmission and Distribution *(33 50)*

33 52 16 Gas Hydrocarbon Piping *(33 52)*

33 52 16 13 Steel Natural Gas Piping *(33 52 16)*

See CSI section 23 05 23 00-0000 for gas valves.

33 52 16 13-0001 Gas Distribution Lines *(33 52 16 13)*
Note: Excludes excavation and backfill. See CSI section 31 23 16 00-0000 for excavation.

33 52 16 13-0002 Steel, Schedule 40, Plain End, Coal Tar Enamel And Wrapped *(33 52 16 13-0001)*

33 52 16 13-0003	LF	1/2" Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel	31.03	2.95
33 52 16 13-0004	LF	3/4" Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel	36.42	3.25
33 52 16 13-0005	LF	1" Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel	43.34	3.33
33 52 16 13-0006	LF	1-1/4" Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel	44.44	3.42
33 52 16 13-0007	LF	1-1/2" Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel	46.48	3.46
33 52 16 13-0008	LF	2" Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel	49.08	3.71
33 52 16 13-0009	LF	2-1/2" Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel	72.31	4.54
33 52 16 13-0010	LF	3" Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel	89.87	5.72
33 52 16 13-0011	LF	4" Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel	124.33	6.91
33 52 16 13-0012	LF	5" Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel	173.19	8.00
33 52 16 13-0013	LF	6" Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel	218.89	9.78
33 52 16 13-0014	LF	8" Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel	325.16	12.58

33 52 16 13-0015 Gas Line Taps *(33 52 16 13-0001)*
Note: Includes material to tap into main and gas valve.

33 52 16 13-0016 Polyethylene, 60 PSI *(33 52 16 13-0015)*

33 52 16 13-0017	EA	2" Polyethylene Hot Tap, With Valve	5,143.53
33 52 16 13-0018	EA	2-1/2" Polyethylene Hot Tap, With Valve	2,859.15
33 52 16 13-0019	EA	3" Polyethylene Hot Tap, With Valve	3,000.94
33 52 16 13-0020	EA	4" Polyethylene Hot Tap, With Valve	8,903.50
33 52 16 13-0021	EA	6" Polyethylene Hot Tap, With Valve	13,986.42

33 52 16 13-0022 Steel, Schedule 40 *(33 52 16 13-0015)*
Note: For punch steel service tee.

33 52 16 13-0023	EA	1/2" Iron Pipe Size Weld Base, 1/2" Iron Pipe Size Compression/Plain End Pipe Outlet Punch Valve Steel Service Tee	3,315.45
33 52 16 13-0024	EA	3/4" Iron Pipe Size Weld Base, 1/2" Iron Pipe Size Compression/Plain End Pipe Outlet Punch Valve Steel Service Tee	3,371.72
33 52 16 13-0025	EA	3/4" Iron Pipe Size Weld Base, 3/4" Iron Pipe Size Compression/Plain End Pipe Outlet Punch Valve Steel Service Tee	3,445.43
33 52 16 13-0026	EA	3/4" Iron Pipe Size Weld Base, 1" Iron Pipe Size Compression/Plain End Pipe Outlet Punch Valve Steel Service Tee	3,517.12
33 52 16 13-0027	EA	1" Iron Pipe Size Weld Base, 1" Iron Pipe Size Compression/Plain End Pipe Outlet Punch Valve Steel Service Tee	3,573.23
33 52 16 13-0028	EA	1-1/4" Iron Pipe Size Weld Base, 1" Iron Pipe Size Compression/Plain End Pipe Outlet Punch Value Steel Service Tee	3,894.31
33 52 16 13-0029	EA	1-1/4" Iron Pipe Size Weld Base, 1-1/4" Iron Pipe Size Compression/Plain End Pipe Outlet Punch Valve Steel Service Tee	3,988.61

33 52 16 13-0030 Protective Pipe And Fitting Wrap *(33 52 16 13-0001)*
Note: Includes cleaning and priming pipe.

33 52 16 13-0031 Corrosion Protection Pipe Wrap For Pipe *(33 52 16 13-0030)*
Note: Field applied.

33 52 16 13-0032	LF	1/2" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe	3.15
33 52 16 13-0033	LF	3/4" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe	3.33
33 52 16 13-0034	LF	1" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe	3.55
33 52 16 13-0035	LF	1-1/4" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe	3.96
33 52 16 13-0036	LF	1-1/2" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe	4.27
33 52 16 13-0037	LF	2" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe	4.89
33 52 16 13-0038	LF	2-1/2" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe	5.87
33 52 16 13-0039	LF	3" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe	7.18
33 52 16 13-0040	LF	4" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe	8.96
33 52 16 13-0041	LF	6" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe	11.76

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 52 16 13-0042		Corrosion Resistance Wrap And Coat - Fittings *(33 52 16 13-0030)*		
		Note: Field applied.		
33 52 16 13-0043	EA	1/2" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe Fittings	19.29	
33 52 16 13-0044	EA	3/4" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe Fittings	19.29	
33 52 16 13-0045	EA	1" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe Fittings	23.89	
33 52 16 13-0046	EA	1-1/4" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe Fittings	26.75	
33 52 16 13-0047	EA	1-1/2" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe Fittings	26.75	
33 52 16 13-0048	EA	2" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe Fittings	31.65	
33 52 16 13-0049	EA	2-1/2" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe Fittings	42.35	
33 52 16 13-0050	EA	3" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe Fittings	56.66	
33 52 16 13-0051	EA	4" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe Fittings	57.16	
33 52 16 13-0052	EA	6" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe Fittings	65.57	
33 52 16 23		**Medium Density Polyethylene Piping for Natural Gas** *(33 52 16)*		
33 52 16 23-0001		Medium Density Polyethylene (MDPE) Gas Distribution Piping *(33 52 16 23)*		
		Note: PE2406/PE2708. Includes couplings, #12 tracer wire, helically wrapped around piping.		
33 52 16 23-0002	LF	1/2" Diameter, SDR 9, Medium Density Polyethylene (MDPE) Gas Distribution Pipe	4.18	1.88
		For Colors, Add	*0.05*	
33 52 16 23-0003	LF	3/4" Diameter, SDR 11, Medium Density Polyethylene (MDPE) Gas Distribution Pipe	4.64	2.00
		For SDR 13.5, Deduct	*-0.11*	
		For Colors, Add	*0.07*	
33 52 16 23-0004	LF	1" Diameter, SDR 11, Medium Density Polyethylene (MDPE) Gas Distribution Pipe	5.10	2.15
		For SDR 13.5, Deduct	*-0.13*	
		For Colors, Add	*0.08*	
33 52 16 23-0005	LF	1-1/4" Diameter, SDR 11, Medium Density Polyethylene (MDPE) Gas Distribution Pipe	5.58	2.27
		For SDR 13.5, Deduct	*-0.16*	
		For Colors, Add	*0.10*	
33 52 16 23-0006	LF	1-1/2" Diameter, SDR 11, Medium Density Polyethylene (MDPE) Gas Distribution Pipe	6.39	2.74
		For SDR 13.5, Deduct	*-0.22*	
		For Colors, Add	*0.14*	
33 52 16 23-0007	LF	2" Diameter, SDR 11, Medium Density Polyethylene (MDPE) Gas Distribution Pipe	7.21	2.98
		For SDR 13.5, Deduct	*-0.29*	
		For SDR 15.5, Deduct	*-0.53*	
		For Colors, Add	*0.19*	
33 52 16 23-0008	LF	2-1/2" Diameter, SDR 11, Medium Density Polyethylene (MDPE) Gas Distribution Pipe	9.03	3.49
		For SDR 13.5, Deduct	*-0.48*	
		For SDR 15.5, Deduct	*-0.88*	
		For Colors, Add	*0.31*	
33 52 16 23-0009	LF	3" Diameter, SDR 11, Medium Density Polyethylene (MDPE) Gas Distribution Pipe	10.99	4.15
		For SDR 13.5, Deduct	*-0.66*	
		For SDR 15.5, Deduct	*-1.21*	
		For Colors, Add	*0.42*	
33 52 16 23-0010	LF	4" Diameter, SDR 11, Medium Density Polyethylene (MDPE) Gas Distribution Pipe	18.01	4.98
		For SDR 13.5, Deduct	*-1.22*	
		For SDR 15.5, Deduct	*-2.23*	
		For Colors, Add	*0.78*	
33 52 16 23-0011	LF	5" Diameter, SDR 11, Medium Density Polyethylene (MDPE) Gas Distribution Pipe	22.61	4.98
		For SDR 13.5, Deduct	*-1.69*	
		For SDR 15.5, Deduct	*-3.10*	
		For Colors, Add	*1.09*	
33 52 16 23-0012	LF	6" Diameter, SDR 11, Medium Density Polyethylene (MDPE) Gas Distribution Pipe	27.34	4.98
		For SDR 13.5, Deduct	*-2.16*	
		For SDR 15.5, Deduct	*-3.96*	
		For Colors, Add	*1.39*	
33 52 16 23-0013	LF	8" Diameter, SDR 11, Medium Density Polyethylene (MDPE) Gas Distribution Pipe	40.14	6.22
		For SDR 13.5, Deduct	*-3.59*	
		For SDR 15.5, Deduct	*-6.60*	
		For Colors, Add	*2.32*	
33 52 16 26		**High Density Polyethylene Piping for Natural Gas** *(33 52 16)*		
33 52 16 26-0001		High Density Polyethylene (HDPE) Gas Distribution Piping *(33 52 16 26)*		
		Note: ASTM F2619, ASTM D2513, API 15 LE. Includes couplings, #12 tracer wire, helically wrapped around piping.		
33 52 16 26-0002	LF	1/2" Diameter, SDR 9 High Density Polyethylene (HDPE) Gas Distribution Pipe	4.25	1.88
33 52 16 26-0003	LF	3/4" Diameter, SDR 11 High Density Polyethylene (HDPE) Gas Distribution Pipe	4.74	2.00
		For SDR 13.5, Deduct	*-0.12*	
33 52 16 26-0004	LF	1" Diameter, SDR 11 High Density Polyethylene (HDPE) Gas Distribution Pipe	5.20	2.15
		For SDR 13.5, Deduct	*-0.14*	
33 52 16 26-0005	LF	1-1/4" Diameter, SDR 11 High Density Polyethylene (HDPE) Gas Distribution Pipe	5.71	2.27
		For SDR 13.5, Deduct	*-0.17*	
33 52 16 26-0006	LF	1-1/2" Diameter, SDR 11 High Density Polyethylene (HDPE) Gas Distribution Pipe	6.57	2.74
		For SDR 13.5, Deduct	*-0.24*	
33 52 16 26-0007	LF	2" Diameter, SDR 11 High Density Polyethylene (HDPE) Gas Distribution Pipe	7.44	2.98
		For SDR 13.5, Deduct	*-0.32*	
		For SDR 15.5, Deduct	*-0.58*	
		For SDR 17, Deduct	*-0.85*	
33 52 16 26-0008	LF	2-1/2" Diameter, SDR 11 High Density Polyethylene (HDPE) Gas Distribution Pipe	9.42	3.49
		For SDR 13.5, Deduct	*-0.53*	
		For SDR 15.5, Deduct	*-0.97*	
		For SDR 17, Deduct	*-1.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 52 16 26-0009	LF	3" Diameter, SDR 11 High Density Polyethylene (HDPE) Gas Distribution Pipe	11.52	4.15
		For SDR 13.5, Deduct	*-0.72*	
		For SDR 15.5, Deduct	*-1.33*	
		For SDR 17, Deduct	*-1.93*	
		For SDR 21, Deduct	*-2.64*	
33 52 16 26-0010	LF	4" Diameter, SDR 11 High Density Polyethylene (HDPE) Gas Distribution Pipe	18.99	4.98
		For SDR 13.5, Deduct	*-1.34*	
		For SDR 15.5, Deduct	*-2.46*	
		For SDR 17, Deduct	*-3.57*	
		For SDR 21, Deduct	*-4.88*	
33 52 16 26-0011	LF	6" Diameter, SDR 11 High Density Polyethylene (HDPE) Gas Distribution Pipe	29.08	4.98
		For SDR 13.5, Deduct	*-2.37*	
		For SDR 15.5, Deduct	*-4.36*	
		For SDR 17, Deduct	*-6.33*	
		For SDR 21, Deduct	*-8.66*	
33 52 16 26-0012	LF	8" Diameter, SDR 11 High Density Polyethylene (HDPE) Gas Distribution Pipe	43.03	6.22
		For SDR 13.5, Deduct	*-3.95*	
		For SDR 15.5, Deduct	*-7.26*	
		For SDR 17, Deduct	*-10.54*	
		For SDR 21, Deduct	*-14.42*	

33 53 Hydrocarbon Utility Pressure Regulation *(33 50)*

33 53 16 Gas Hydrocarbon Pressure Regulation *(33 53)*

33 53 16 00-0001 Gas Pressure Regulators With Screwed And Flanged Ends *(33 53 16)*

33 53 16 00-0002	EA	3/4" Gas Pressure Regulator, Screwed End	272.36	18.41
33 53 16 00-0003	EA	1" Gas Pressure Regulator, Screwed End	276.54	18.41
33 53 16 00-0004	EA	1-1/4" Gas Pressure Regulator, Screwed End	286.57	21.86
33 53 16 00-0005	EA	1-1/2" Gas Pressure Regulator, Screwed End	1,015.61	25.31
33 53 16 00-0006	EA	2" Gas Pressure Regulator, Screwed End	1,068.47	39.20
33 53 16 00-0007	EA	3" Gas Pressure Regulator, Screwed End	3,023.62	87.94
33 53 16 00-0008	EA	4" Gas Pressure Regulator, Screwed End	4,209.97	116.55

33 56 Hydrocarbon Storage *(33 50)*

33 56 13 Aboveground Hydrocarbon Storage Tanks *(33 56)*

See CSI section 23 13 23 00-0000 for aboveground storage tanks.

33 56 33 Underground Hydrocarbon Storage *(33 56)*

See CSI section 23 13 13 00-0000 for underground storage tanks.

33 59 Hydrocarbon Utility Metering *(33 50)*

33 59 11 Diaphragm/Bellows Hydrocarbons Meters *(33 59)*

33 59 11 00-0001 Diaphragm Meters *(33 59 11)*

Note: With standard direct-digital reading maximum working pressures 5 lbs to 100 lbs, threaded connections. Excludes pressure and temperature compensation.

33 59 11 00-0002	EA	250 CF/Hour Gas Diaphragm Meter At 5 LB, Direct Digital, Threaded	634.38	72.05
		For Temperature And Pressure Compensation, Add	*8.40*	
		For Pulsers, Add	*26.50*	
33 59 11 00-0003	EA	425 CF/Hour Gas Diaphragm Meter At 10 LB, Direct Digital, Threaded	1,282.84	110.19
		For Temperature And Pressure Compensation, Add	*8.40*	
		For Pulsers, Add	*26.50*	
33 59 11 00-0004	EA	425 CF/Hour Gas Diaphragm Meter At 25 LB, Direct Digital, Threaded	1,531.43	110.19
		For Temperature And Pressure Compensation, Add	*8.40*	
		For Pulsers, Add	*26.50*	
33 59 11 00-0005	EA	800 CF/Hour Gas Diaphragm Meter At 20 LB, Direct Digital, Threaded	3,476.67	137.73
		For Temperature And Pressure Compensation, Add	*8.40*	
		For Pulsers, Add	*26.50*	
33 59 11 00-0006	EA	1,000 CF/Hour Gas Diaphragm Meter At 25 LB, Direct Digital, Threaded	3,913.74	169.53
		For Temperature And Pressure Compensation, Add	*8.40*	
		For Pulsers, Add	*26.50*	
33 59 11 00-0007	EA	800 CF/Hour Gas Diaphragm Meter At 100 LB, Direct Digital, Threaded	5,252.93	137.73
		For Temperature And Pressure Compensation, Add	*8.40*	
		For Pulsers, Add	*26.50*	
33 59 11 00-0008	EA	1,000 CF/Hour Gas Diaphragm Meter At 100 LB, Direct Digital, Threaded	5,825.19	169.53
		For Temperature And Pressure Compensation, Add	*8.40*	
		For Pulsers, Add	*26.50*	
33 59 11 00-0009	EA	1,400 CF/Hour Gas Diaphragm Meter At 100 LB, Direct Digital, Threaded	7,740.35	180.12
		For Temperature And Pressure Compensation, Add	*8.40*	
		For Pulsers, Add	*26.50*	
33 59 11 00-0010	EA	2,300 CF/Hour Gas Diaphragm Meter At 100 LB, Direct Digital, Threaded	10,998.22	211.90
		For Temperature And Pressure Compensation, Add	*8.40*	
		For Pulsers, Add	*26.50*	
33 59 11 00-0011	EA	5,000 CF/Hour Gas Diaphragm Meter At 100 LB, Direct Digital, Threaded	16,765.44	349.65
		For Temperature And Pressure Compensation, Add	*8.40*	
		For Pulsers, Add	*26.50*	

33 59 16 Hydrocarbons Turbine Meters *(33 59)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 59 16 00-0001		**Gas Turbine Meters With Direct-Digital Reading** *(33 59 16)* Note: Maximum working pressure 175 PSI, flanged end connections.		
33 59 16 00-0002	EA	4", 18,000 CF/Hour Gas Turbine Meter 175 PSI, Direct Digital, Flanged	13,356.84	373.41
33 59 16 00-0003	EA	6", 30,000 CF/Hour Gas Turbine Meter 175 PSI, Direct Digital, Flanged	14,616.18	433.63
33 59 16 00-0004	EA	8", 60,000 CF/Hour Gas Turbine Meter 175 PSI, Direct Digital, Flanged	22,713.62	487.63
33 59 16 00-0005	EA	10", 90,000 CF/Hour Gas Turbine Meter 175 PSI, Direct Digital, Flanged	44,253.47	593.64
33 59 16 00-0006	EA	12", 150,000 CF/Hour Gas Turbine Meter 175 PSI, Direct Digital, Flanged	72,639.52	742.04

33 70 Electrical Utilities *(33)*

33 71 Electrical Utility Transmission and Distribution *(33 70)*

33 71 19 Electrical Underground Ducts, Ductbanks and Manholes *(33 71)*

Note: Excludes excavation and backfill. See CSI section 31 23 16 00-0000 for excavation.

33 71 19 13 Electrical Manholes and Handholes *(33 71 19)*

33 71 19 13-0001		**Electrical Handholes And Pull Boxes** *(33 71 19 13)*		
33 71 19 13-0002		**Electrical Pull Boxes** *(33 71 19 13-0001)* See CSI section 33 05 63 00-0427 for handholes.		
33 71 19 13-0003	EA	24" x 36" x 24", Electric Pull Boxes, Precast Concrete	2,463.09	543.99
33 71 19 13-0004	EA	24" x 36" x 36", Electric Pull Boxes, Precast Concrete	2,974.11	602.97
33 71 19 13-0005	EA	30" x 48" x 36", Electric Pull Boxes, Precast Concrete	3,464.33	655.41
33 71 19 13-0006	EA	36" x 72" x 24", Electric Pull Boxes, Precast Concrete	5,502.26	786.48
33 71 19 13-0007	EA	36" x 60" x 36", Electric Pull Boxes, Precast Concrete	5,895.19	786.48
33 71 19 13-0008	EA	48" x 48" x 36", Electric Pull Boxes, Precast Concrete	6,353.58	819.25
33 71 19 13-0009	EA	48" x 60" x 48", Electric Pull Boxes, Precast Concrete	7,319.03	917.56
33 71 19 13-0010		**Electrical Property Line Boxes** *(33 71 19 13)*		
33 71 19 13-0011	EA	3'-6" x 2'-9" x 2' Deep Property Line Box	5,200.56	442.40
33 71 19 13-0012	EA	4'-6" x 3'-6" x 4' Deep Property Line Box	6,114.74	458.79
33 71 19 13-0013	EA	6' x 4' x 5' Deep Property Line Box	6,706.48	557.09
33 71 19 13-0014	EA	11'-6" x 4'-6" x 6' Deep Property Line Box	10,270.10	819.25
33 71 19 13-0015		**Underground Construction Items** *(33 71 19 13)*		
33 71 19 13-0016	LF	CONDUIT, High Density Polyethylene (HDPE), DIRECTIONAL BORE, 1 EACH - 1-1/4" Without CABLE	18.73	
33 71 19 13-0017	LF	CONDUIT, High Density Polyethylene (HDPE), DIRECTIONAL BORE, 1 EACH - 1-1/2" Without CABLE	11.69	
33 71 19 13-0018	LF	CONDUIT, High Density Polyethylene (HDPE), DIRECTIONAL BORE, 1 EACH - 2" Without CABLE	25.12	
33 71 19 13-0019	LF	CONDUIT, High Density Polyethylene (HDPE), DIRECTIONAL BORE, 1 EACH - 3" Without CABLE	44.28	
33 71 19 13-0020	LF	CONDUIT, High Density Polyethylene (HDPE), DIRECTIONAL BORE, 1 EACH - 1-1/4" WITH TRIPLEX CABLE	15.20	
33 71 19 13-0021	LF	CONDUIT, High Density Polyethylene (HDPE), DIRECTIONAL BORE, 1 EACH - 1-1/2" WITH TRIPLEX CABLE	15.71	
33 71 19 13-0022	LF	CONDUIT, High Density Polyethylene (HDPE), DIRECTIONAL BORE, 1 EACH - 2" WITH TRIPLEX CABLE	16.35	
33 71 19 13-0023		**Manhole Accessories** *(33 71 19 13)*		
33 71 19 13-0024	EA	6" Precast Grade Ring Riser Casting	511.78	139.08
33 71 19 13-0025	EA	12" Precast Grade Ring Riser Casting	554.22	150.68
33 71 19 13-0026	EA	36" Opening Cast Iron Frame And Cover (NEENAH #R-1640-D)	2,453.11	231.81
33 71 19 13-0027	EA	42" Opening Cast Iron Frame And Cover (NEENAH #R-1740-E1)	3,206.11	289.76
33 71 19 13-0028	EA	Cast Iron Adjusting Ring (NEENAH #R-1979)	1,013.63	154.73
33 71 19 13-0029	EA	Cast Iron Frame And Cover (NEENAH #R-1640-B)	1,297.76	173.85

33 71 19 23 Trenched Electrical Underground Duct and Ductbanks *(33 71 19)*

33 71 19 23-0001		**Underground Ductbank** *(33 71 19 23)* Note: Installation of single or multiple configuration underground utility raceways assembly to have minimum 3" concrete leveling base and encased in concrete envelope. Based on minimum 100' run, minimum 30" bury depth. Includes installation in trench using the appropriate supports, cleaning to remove any obstructions and installation of nylon pull string. Excludes trenching, concrete, backfilling, grading and seeding. Duct Banks are to be installed according to the appropriate sections of the accompanying specifications. Individual rows to be stacked for larger duct bank configurations. See CSI section 03 30 53 00-0001 for concrete.		
33 71 19 23-0002		**Rigid Galvanized Steel Conduit, Galvanized Rigid Conduit (GRC) Or Rigid Galvanized Steel (RGS), Duct Bank** *(33 71 19 23-0001)* Note: Includes appropriate spacers and fittings.		
33 71 19 23-0003	LF	2 At 2", Rigid Galvanized Conduit Duct Bank	36.98	
33 71 19 23-0004	LF	4 At 2", Rigid Galvanized Conduit Duct Bank	73.98	
33 71 19 23-0005	LF	2 At 3", Rigid Galvanized Conduit Duct Bank	76.69	
33 71 19 23-0006	LF	4 At 3", Rigid Galvanized Conduit Duct Bank	153.84	
33 71 19 23-0007	LF	2 At 4", Rigid Galvanized Conduit Duct Bank	112.99	
33 71 19 23-0008	LF	4 At 4", Rigid Galvanized Conduit Duct Bank	227.05	
33 71 19 23-0009	LF	6 At 4", Rigid Galvanized Conduit Duct Bank	340.95	
33 71 19 23-0010	LF	2 At 5", Rigid Galvanized Conduit Duct Bank	215.03	
33 71 19 23-0011	LF	4 At 5", Rigid Galvanized Conduit Duct Bank	428.98	
33 71 19 23-0012	LF	6 At 5", Rigid Galvanized Conduit Duct Bank	658.81	
33 71 19 23-0013	LF	2 At 6", Rigid Galvanized Conduit Duct Bank	305.28	
33 71 19 23-0014	LF	4 At 6", Rigid Galvanized Conduit Duct Bank	612.85	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 71 19 23-0015	LF	6 At 6", Rigid Galvanized Conduit Duct Bank	912.88	
33 71 19 23-0016		**Polyvinyl Chloride (PVC), Type EB-20 Duct Bank System** *(33 71 19 23-0001)*		
		Note: Includes appropriate spacers and fittings.		
33 71 19 23-0017	LF	1 At 2", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank	8.65	
33 71 19 23-0018	LF	2 At 2", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank	18.78	
33 71 19 23-0019	LF	4 At 2", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank	36.26	
33 71 19 23-0020	LF	1 At 3", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank	11.56	
33 71 19 23-0021	LF	2 At 3", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank	23.04	
33 71 19 23-0022	LF	4 At 3", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank	46.70	
33 71 19 23-0023	LF	1 At 4", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank	15.85	
33 71 19 23-0024	LF	2 At 4", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank	31.75	
33 71 19 23-0025	LF	4 At 4", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank	63.59	
33 71 19 23-0026	LF	6 At 4", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank	95.35	
33 71 19 23-0027	LF	1 At 5", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank	20.72	
33 71 19 23-0028	LF	2 At 5", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank	41.37	
33 71 19 23-0029	LF	4 At 5", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank	80.59	
33 71 19 23-0030	LF	6 At 5", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank	115.58	
33 71 19 23-0031	LF	1 At 6", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank	35.21	
33 71 19 23-0032	LF	2 At 6", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank	56.68	
33 71 19 23-0033	LF	4 At 6", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank	113.59	
33 71 19 23-0034	LF	6 At 6", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank	180.94	
33 71 19 23-0035		**Polyvinyl Chloride (PVC), Type DB-60 Duct Bank System** *(33 71 19 23-0001)*		
		Note: Includes appropriate spacers and fittings.		
33 71 19 23-0036	LF	1 At 2", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	9.65	
33 71 19 23-0037	LF	2 At 2", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	20.81	
33 71 19 23-0038	LF	4 At 2", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	40.11	
33 71 19 23-0039	LF	1 At 3", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	12.14	
33 71 19 23-0040	LF	2 At 3", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	24.25	
33 71 19 23-0041	LF	4 At 3", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	48.27	
33 71 19 23-0042	LF	1 At 4", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	16.48	
33 71 19 23-0043	LF	2 At 4", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	33.01	
33 71 19 23-0044	LF	4 At 4", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	66.11	
33 71 19 23-0045	LF	6 At 4", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	99.14	
33 71 19 23-0046	LF	1 At 5", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	21.67	
33 71 19 23-0047	LF	2 At 5", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	43.27	
33 71 19 23-0048	LF	4 At 5", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	84.40	
33 71 19 23-0049	LF	6 At 5", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	121.30	
33 71 19 23-0050	LF	1 At 6", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	36.53	
33 71 19 23-0051	LF	2 At 6", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	59.42	
33 71 19 23-0052	LF	4 At 6", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	119.06	
33 71 19 23-0053	LF	6 At 6", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	189.15	
33 71 19 23-0054		**Male Or Female Adapters** *(33 71 19 23-0001)*		
33 71 19 23-0055	EA	2" Adapter	44.03	
33 71 19 23-0056	EA	3" Adapter	69.03	
33 71 19 23-0057	EA	4" Adapter	91.20	
33 71 19 23-0058	EA	5" Adapter	156.77	
33 71 19 23-0059	EA	6" Adapter	189.99	
33 71 19 23-0060		**Underground Electrical Concrete Markers** *(33 71 19 23)*		
33 71 19 23-0061	EA	36" x 6" x 6", Underground Electric Concrete Marker	351.15	
33 71 19 23-0062		**Electrical** *(33 71 19 23)*		
		Note: The following City of Chicago, Department of Transportation standard site work tasks are all-inclusive, assembly work tasks and shall be used in lieu of individual component tasks. Refer to the appropriate specifications contained in Book 4 for a complete definition of what is included in these work tasks.		
33 71 19 23-0063	LF	Galvanized Steel Conduit In Trench 2", (0 > 150)	32.71	
33 71 19 23-0064	LF	Galvanized Steel Conduit In Trench 2", (150 > 300)	31.46	
33 71 19 23-0065	LF	Galvanized Steel Conduit In Trench 2", (300 > 600)	30.07	
33 71 19 23-0066	LF	Galvanized Steel Conduit In Trench 2", (600 >)	29.76	
33 71 19 23-0067	LF	Galvanized Steel Conduit In Trench 3", (0 > 150)	49.64	
33 71 19 23-0068	LF	Galvanized Steel Conduit In Trench 3", (150 > 300)	48.08	
33 71 19 23-0069	LF	Galvanized Steel Conduit In Trench 3", (300 > 600)	46.40	
33 71 19 23-0070	LF	Galvanized Steel Conduit In Trench 3", (600 >)	46.01	
33 71 19 23-0071	LF	Galvanized Steel Conduit In Trench 4", (0 > 150)	72.36	
33 71 19 23-0072	LF	Galvanized Steel Conduit In Trench 4", (150 > 300)	70.03	
33 71 19 23-0073	LF	Galvanized Steel Conduit In Trench 4", (300 > 600)	67.50	
33 71 19 23-0074	LF	Galvanized Steel Conduit In Trench 4", (600 >)	66.91	
33 71 19 23-0075	LF	Galvanized Steel Conduit Pushed 3", (0 > 150)	83.56	
33 71 19 23-0076	LF	Galvanized Steel Conduit Pushed 3", (150 > 300)	82.01	
33 71 19 23-0077	LF	Galvanized Steel Conduit Pushed 3", (300 > 600)	59.59	
33 71 19 23-0078	LF	Galvanized Steel Conduit Pushed 3", (600 >)	56.91	
33 71 19 23-0079	LF	Galvanized Steel Conduit Pushed 4", (0 > 150)	120.26	
33 71 19 23-0080	LF	Galvanized Steel Conduit Pushed 4", (150 > 300)	113.63	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 71 19 23-0081	LF	Galvanized Steel Conduit Pushed 4", (300 > 600)	106.79	
33 71 19 23-0082	LF	Galvanized Steel Conduit Pushed 4", (600 >)	101.92	
33 71 19 23-0083	LF	Polyvinyl Chloride (PVC) Conduit In Trench 1-1/2" (Schedule 40), (1000 >)	9.08	
33 71 19 23-0084	LF	Polyvinyl Chloride (PVC) Conduit In Trench 2" (Schedule 40), (0 > 50)	14.18	
33 71 19 23-0085	LF	Polyvinyl Chloride (PVC) Conduit In Trench 2" (Schedule 40), (50 > 250)	12.36	
33 71 19 23-0086	LF	Polyvinyl Chloride (PVC) Conduit In Trench 2" (Schedule 40), (250 > 1,000)	11.30	
33 71 19 23-0087	LF	Polyvinyl Chloride (PVC) Conduit In Trench 2" (Schedule 40), (1,000 >)	10.22	
33 71 19 23-0088	LF	Polyvinyl Chloride (PVC) Conduit In Trench 2" (Schedule 80), (0 > 50)	15.69	
33 71 19 23-0089	LF	Polyvinyl Chloride (PVC) Conduit In Trench 2" (Schedule 80), (50 > 250)	13.87	
33 71 19 23-0090	LF	Polyvinyl Chloride (PVC) Conduit In Trench 2" (Schedule 80), (250 > 1,000)	12.81	
33 71 19 23-0091	LF	Polyvinyl Chloride (PVC) Conduit In Trench 2" (Schedule 80), (1,000 >)	11.73	
33 71 19 23-0092	LF	Polyvinyl Chloride (PVC) Conduit In Trench 3" (Schedule 40), (0 > 50)	20.58	
33 71 19 23-0093	LF	Polyvinyl Chloride (PVC) Conduit In Trench 3" (Schedule 40), (50 > 250)	18.17	
33 71 19 23-0094	LF	Polyvinyl Chloride (PVC) Conduit In Trench 3" (Schedule 40), (250 > 1,000)	17.31	
33 71 19 23-0095	LF	Polyvinyl Chloride (PVC) Conduit In Trench 3" (Schedule 40), (1,000 >)	15.43	
33 71 19 23-0096	LF	Polyvinyl Chloride (PVC) Conduit In Trench 3" (Schedule 80), (0 > 50)	23.46	
33 71 19 23-0097	LF	Polyvinyl Chloride (PVC) Conduit In Trench 3" (Schedule 80), (50 > 250)	21.05	
33 71 19 23-0098	LF	Polyvinyl Chloride (PVC) Conduit In Trench 3" (Schedule 80), (250 > 1,000)	20.19	
33 71 19 23-0099	LF	Polyvinyl Chloride (PVC) Conduit In Trench 3" (Schedule 80), (1,000 >)	18.31	
33 71 19 23-0100	LF	Polyvinyl Chloride (PVC) Conduit In Trench 4" (Schedule 40), (0 > 50)	25.63	
33 71 19 23-0101	LF	Polyvinyl Chloride (PVC) Conduit In Trench 4" (Schedule 40), (50 > 250)	22.22	
33 71 19 23-0102	LF	Polyvinyl Chloride (PVC) Conduit In Trench 4" (Schedule 40), (250 >)	20.47	
33 71 19 23-0103	LF	Polyvinyl Chloride (PVC) Conduit In Trench 4" (Schedule 80), (0 > 50)	29.67	
33 71 19 23-0104	LF	Polyvinyl Chloride (PVC) Conduit In Trench 4" (Schedule 80), (50 > 250)	26.26	
33 71 19 23-0105	LF	Polyvinyl Chloride (PVC) Conduit In Trench 4" (Schedule 80), (250 >)	24.51	
33 71 19 23-0106	LF	Electrical Cable in Conduit 3 - 1/C No. 2	16.71	
33 71 19 23-0107	LF	Electric Cable In Conduit, #6, 1/c, 600v EPR-Type RHW, (0 > 1,200)	6.12	
33 71 19 23-0108	LF	Electric Cable In Conduit, #6, 1/c, 600v EPR-Type RHW, (1,200 > 3,600)	5.79	
33 71 19 23-0109	LF	Electric Cable In Conduit, #6, 1/c, 600v EPR-Type RHW, (3,600 > 10,800)	4.60	
33 71 19 23-0110	LF	Electric Cable In Conduit, #6, 1/c, 600v EPR-Type RHW, (10,800 >)	4.54	
33 71 19 23-0111	LF	Electric Cable In Conduit, #8, 1/c, 600v EPR-Type RHW, (0 > 1,200)	5.42	
33 71 19 23-0112	LF	Electric Cable In Conduit, #8, 1/c, 600v EPR-Type RHW, (1,200 > 3,600)	5.10	
33 71 19 23-0113	LF	Electric Cable In Conduit, #8, 1/c, 600v EPR-Type RHW, (3,600 > 10,800)	4.67	
33 71 19 23-0114	LF	Electric Cable In Conduit, #8, 1/c, 600v EPR-Type RHW, (10,800 >)	4.38	
33 71 19 23-0115	LF	Electric Cable In Conduit, #10, 1/c, 600v EPR-Type RHW, (0 > 1,200)	3.65	
33 71 19 23-0116	LF	Electric Cable In Conduit, #10, 1/c, 600v EPR-Type RHW, (1,200 > 3,600)	3.21	
33 71 19 23-0117	LF	Electric Cable In Conduit, #10, 1/c, 600v EPR-Type RHW, (3,600 > 10,800)	3.03	
33 71 19 23-0118	LF	Electric Cable In Conduit, #10, 1/c, 600v EPR-Type RHW, (10,800 >)	2.99	

END OF SECTION 33

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

34 Transportation

34 40 Transportation Signaling and Control Equipment *(34)*

34 41 Roadway Signaling and Control Equipment *(34 40)*

34 41 13 Traffic Signals *(34 41)*

34 41 13 00-0001 Traffic Signals *(34 41 13)*

34 41 13 00-0002	EA	Single Traffic Signal Head, 4 Way Pattern	8,457.91	777.58

34 41 13 00-0003 Traffic Detector Induction Loop *(34 41 13)*

34 41 13 00-0004	EA	6' x 6', Dipole, 3 Turns Per Loop, Traffic Detection Induction Loop Note: Includes saw cutting, 3 turns wire for 1 induction loop circuit, sealing and splicing into leads in street. Excludes lead wire, controller, junction box or conduit.	404.86
34 41 13 00-0005	EA	6' x 6', Diagonal Quadrupole, 3 Turns Per Loop, Traffic Detection Induction Loop Note: Includes saw cutting, 3 turns wire for 1 induction loop circuit, sealing and splicing into leads in street. Excludes lead wire, controller, junction box or conduit.	505.14
34 41 13 00-0006	EA	6' x 6', Diagonal Quadrupole, 5 Turns Per Loop, Traffic Detection Induction Loop Note: Includes saw cutting, 5 turns wire for 1 induction loop circuit, sealing and splicing into leads in street. Excludes lead wire, controller, junction box or conduit.	569.58
34 41 13 00-0007	EA	6' x 6', Quadrupole, Bicycle Type, 3 Turns Per Loop, Traffic Detection Induction Loop Note: Includes saw cutting, 3 turns wire for 1 induction loop circuit, sealing and splicing into leads in street. Excludes lead wire, controller, junction box or conduit.	494.95
34 41 13 00-0008	EA	6' x 20', 3 Turns Per Loop, Traffic Detection Induction Loop Note: Includes saw cutting, 3 turns wire for 1 induction loop circuit, sealing and splicing into leads in street. Excludes lead wire, controller, junction box or conduit.	858.91
34 41 13 00-0009	EA	6' x 28', 2 Turns Per Loop, Traffic Detection Induction Loop Note: Includes saw cutting, 2 turns wire for 1 induction loop circuit, sealing and splicing into leads in street. Excludes lead wire, controller, junction box or conduit.	1,056.84
34 41 13 00-0010	EA	6' x 28', 3 Turns Per Loop, Traffic Detection Induction Loop Note: Includes saw cutting, 3 turns wire for 1 induction loop circuit, sealing and splicing into leads in street. Excludes lead wire, controller, junction box or conduit.	1,123.32
34 41 13 00-0011	EA	6' x 40', 1 Turn Per Loop, Traffic Detection Induction Loop Note: Includes saw cutting, 1 turn wire for 1 induction loop circuit, sealing and splicing into leads in street. Excludes lead wire, controller, junction box or conduit.	1,408.25
34 41 13 00-0012	EA	6' x 40', 2 Turns Per Loop, Traffic Detection Induction Loop Note: Includes saw cutting, 2 turns wire for 1 induction loop circuit, sealing and splicing into leads in street. Excludes lead wire, controller, junction box or conduit.	1,506.20
34 41 13 00-0013	EA	6' x 50', 1 Turn Per Loop, Traffic Detection Induction Loop Note: Includes saw cutting, 1 turn wire for 1 induction loop circuit, sealing and splicing into leads in street. Excludes lead wire, controller, junction box or conduit.	1,612.84
34 41 13 00-0014	EA	6' x 50', 2 Turns Per Loop, Traffic Detection Induction Loop Note: Includes saw cutting, 2 turns wire for 1 induction loop circuit, sealing and splicing into leads in street. Excludes lead wire, controller, junction box or conduit.	1,732.47
34 41 13 00-0015	LF	In Pavement, Lead Wire For Traffic Signal Detector Note: Includes saw cutting, sealing and splicing into traffic signal loop wire in street. Excludes junction box or conduit.	8.70
34 41 13 00-0016	LF	In Earthwork, Lead Wire For Traffic Signal Detector Note: Includes trenching in earthwork and splicing into traffic signal loop wire. Excludes junction box or conduit.	3.70
34 41 13 00-0017	EA	2 Channel, Rack Mounted, Traffic Loop Vehicle Detector (Reno A&E Model 222)	275.49
34 41 13 00-0018	EA	4 Channel, Rack Mounted, Traffic Loop Vehicle Detector (Reno A&E Model E-1100)	791.37
34 41 13 00-0019	EA	2 Channel, Rack Mounted, Traffic Loop Bicycle Detector (Reno A&E Model C-1100)	488.68

34 41 13 00-0020 Overhead Traffic Signals *(34 41 13)*

34 41 13 00-0021	EA	Signal Head, Polycarbonate/LED, 1-F/5-S, Plumb Mounted	2,349.78
34 41 13 00-0022	EA	Signal Head, Polycarbonate/LED, 1-F/3-S, Bracket Mounted	2,015.85
34 41 13 00-0023	EA	Signal Head, Polycarbonate/LED, 1-F/4-S, Bracket Mounted	2,628.58
34 41 13 00-0024	EA	Signal Head, Polycarbonate/LED, 1-F/5-S, Bracket Mounted	2,856.82
34 41 13 00-0025	EA	Optically Programmed Signal Head, 1-F/3-S, Bracket Mounted	5,033.82
34 41 13 00-0026	EA	Optically Programmed Signal Head, 1-F/4-S, Bracket Mounted	7,772.34
34 41 13 00-0027	EA	Optically Programmed Signal Head, 1-F/5-S, Bracket Mounted	8,829.69
34 41 13 00-0028	EA	Signal Head, Polycarbonate/LED, 1-F/3-S, Mast Arm Mounted	2,357.61
34 41 13 00-0029	EA	Signal Head, Polycarbonate/LED, 1-F/4-S, Mast Arm Mounted	3,131.71
34 41 13 00-0030	EA	Signal Head, Polycarbonate/LED, 1-F/5-S, Mast Arm Mounted	3,238.36
34 41 13 00-0031	EA	Optically Programmed Signal Head, 1-F/3-S, Mast Arm Mounted	5,551.12
34 41 13 00-0032	EA	Optically Programmed Signal Head, 1-F/4-S, Mast Arm Mounted	8,023.39
34 41 13 00-0033	EA	Optically Programmed Signal Head, 1-F/5-S, Mast Arm Mounted	9,001.10
34 41 13 00-0034	EA	Pedestrian Signal Head, Polycarbonate/LED, 1-F/ 2-S, Bracket Mounted	1,480.35
34 41 13 00-0035	EA	Audible Pedestrian Signal	1,473.54
34 41 13 00-0036	EA	Junction Box, Pole Or Post Mounted	624.45
34 41 13 00-0037	EA	Pedestrian Push Button	546.36
34 41 13 00-0038	EA	Illuminated Sign, Bracket Mounted, Symbolic	4,608.82
34 41 13 00-0039	EA	Illuminated Sign, Mast Arm Mounted, Symbolic	4,797.92
34 41 13 00-0040	EA	Sign, Message, "BLANK OUT", Bracket Mounted	5,092.76
34 41 13 00-0041	EA	Sign, Message, "BLANK OUT", Mast Arm Mounted	5,405.94
34 41 13 00-0042	EA	Sign, Fiber Optic, Bracket Mounted	5,827.30
34 41 13 00-0043	EA	Sign, Fiber Optic, Mast Arm Mounted	6,146.96

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
34 41 13 00-0044	EA	15' Steel Straight Mast Arm, MONOTUBE	3,391.14	
34 41 13 00-0045	EA	20' Steel Straight Mast Arm, MONOTUBE	3,556.64	
34 41 13 00-0046	EA	25' Steel Straight Mast Arm, MONOTUBE	3,821.77	
34 41 13 00-0047	EA	30' Steel Straight Mast Arm, MONOTUBE	5,256.05	
34 41 13 00-0048	EA	35' Steel Straight Mast Arm, MONOTUBE	6,371.40	
34 41 13 00-0049	EA	40' Steel Straight Mast Arm, MONOTUBE	6,853.11	
34 41 13 00-0050	EA	45' Steel Straight Mast Arm, MONOTUBE	7,518.05	
34 41 13 00-0051	EA	4' Steel Curved Luminaire Mast Arm	1,144.76	
34 41 13 00-0052	EA	6' Steel Curved Luminaire Mast Arm	1,494.32	
		For High Rise Arm, Add	*142.50*	
34 41 13 00-0053	EA	8' Steel Curved Luminaire Mast Arm	1,869.81	
34 41 13 00-0054	EA	10' Steel Curved Luminaire Mast Arm	2,509.52	
		For High Rise Arm, Add	*209.77*	
34 41 13 00-0055	EA	12' Steel Curved Luminaire Mast Arm	2,796.16	
		For High Rise Arm, Add	*247.39*	
34 41 13 00-0056	EA	15' Steel Curved Luminaire Mast Arm	2,950.33	
		For High Rise Arm, Add	*275.89*	
34 41 13 00-0057	EA	15' Tubular Aluminum Post	1,197.25	
34 41 13 00-0058	EA	17' Tubular Aluminum Post	1,269.06	
34 41 13 00-0059	EA	20' Tubular Aluminum Post	1,404.95	
34 41 13 00-0060	EA	CUT-OFF POLE AND CAPPED	188.40	
34 41 13 00-0061	EA	PAINT EXISTING SL/TS CONTROLLER COMPLETE	57.29	
34 41 13 00-0062	EA	PAINT EXISTING TS POST COMPLETE	266.95	
34 41 13 00-0063	EA	1 Channel Loop Detector Amplifier	1,990.29	
34 41 13 00-0064	EA	4 Channel Loop Detector Amplifier	3,804.95	
34 41 13 00-0065	LF	Loop Detector Note: Includes saw cutting, sealing and splicing into leads in street.	7.81	
34 41 13 00-0066	EA	FLASHING BEACON WITH DOWNLIGHT	2,636.09	
34 41 13 00-0067	EA	Flashing Beacon, Bracket Mounted	822.02	
34 41 13 00-0068	EA	Flashing Beacon, Mast Arm Mounted	822.02	
34 41 13 00-0069	EA	Flashing Beacon, Solar Powered, Bracket Mounted	24,502.40	
34 41 13 00-0070	EA	ACCUWAVE DETECTOR	5,247.63	
34 41 13 00-0071	EA	RTMS DETECTOR	16,744.83	
34 41 13 00-0072	LF	LEAD-IN CABEL: ACCUWAVE/RTMS DET	9.29	
34 41 13 00-0073	LF	2 Conductors, #14 AWG, Shielded Cable, Installed In Conduit	6.61	
34 41 13 00-0074	LF	2 Conductors, #4 AWG, Shielded Cable, Installed In Conduit	10.38	
34 41 13 00-0075	LF	7 Conductors, #12 AWG, Shielded Cable, Installed In Conduit	9.97	
34 41 13 00-0076	LF	10 Conductors, #12 AWG, Shielded Cable, Installed In Conduit	11.91	
34 41 13 00-0077	LF	19 Conductors, #12 AWG, Shielded Cable, Installed In Conduit	16.23	
34 41 13 00-0078	EA	7 Conductors, #12 AWG, TERMINATIONS	176.67	
34 41 13 00-0079	EA	7 Conductors, #12 AWG, SPLICE CABLES In Man Hole	475.37	
34 41 13 00-0080	EA	CIRCUIT BREAKER - 2 Phase, 240 Volt	349.64	
34 41 13 00-0081	LF	8 Conductors, #16 AWG, HARNESS CABLE	8.04	
34 41 13 00-0082	LF	CABLE, T.S., AERIAL, TEMP	10.62	
34 41 13 00-0083	EA	7-WIRE MASTER INTERCONNECT	1,775.75	
34 41 13 00-0084	EA	7-WIRE SLAVE INTERCONNECT	1,699.75	
34 41 13 00-0085	LF	F.O. HYBRID CABLE, IN CONDUIT	11.36	
34 41 13 00-0086	LF	INNERDUCT IN CONDUIT, 1-1/4"	7.24	
		For 2 Pulled At Same Time, Deduct	*-2.38*	
		For >2 Pulled At Same Time, Deduct	*-3.17*	
34 41 13 00-0087	EA	CABLE IN CONDUIT, With STEEL CONNECTION	15.44	

34 41 13 00-0088 Traffic Signal Cable *(34 41 13)*

34 41 13 00-0089	LF	16 AWG, 2-Conductor, Solid, Traffic Signal Cable	2.18	0.90
34 41 13 00-0090	LF	16 AWG, 3-Conductor, Solid, Traffic Signal Cable	2.47	0.96
34 41 13 00-0091	LF	16 AWG, 4-Conductor, Solid, Traffic Signal Cable	2.77	1.02
34 41 13 00-0092	LF	16 AWG, 5-Conductor, Solid, Traffic Signal Cable	3.04	1.09
34 41 13 00-0093	LF	16 AWG, 6-Conductor, Solid, Traffic Signal Cable	3.37	1.16
34 41 13 00-0094	LF	16 AWG, 8-Conductor, Solid, Traffic Signal Cable	3.96	1.29
34 41 13 00-0095	LF	16 AWG, 10-Conductor, Solid, Traffic Signal Cable	4.68	1.47
34 41 13 00-0096	LF	16 AWG, 12-Conductor, Solid, Traffic Signal Cable	5.39	1.67
34 41 13 00-0097	LF	16 AWG, 16-Conductor, Solid, Traffic Signal Cable	6.45	1.86
34 41 13 00-0098	LF	16 AWG, 20-Conductor, Solid, Traffic Signal Cable	7.75	2.06
34 41 13 00-0099	LF	14 AWG, 2-Conductor, Solid, Traffic Signal Cable	2.28	0.90
34 41 13 00-0100	LF	14 AWG, 3-Conductor, Solid, Traffic Signal Cable	2.61	0.96
34 41 13 00-0101	LF	14 AWG, 4-Conductor, Solid, Traffic Signal Cable	2.95	1.02
34 41 13 00-0102	LF	14 AWG, 5-Conductor, Solid, Traffic Signal Cable	3.25	1.09
34 41 13 00-0103	LF	14 AWG, 6-Conductor, Solid, Traffic Signal Cable	3.63	1.16
34 41 13 00-0104	LF	14 AWG, 8-Conductor, Solid, Traffic Signal Cable	4.30	1.29
34 41 13 00-0105	LF	14 AWG, 10-Conductor, Solid, Traffic Signal Cable	5.11	1.47
34 41 13 00-0106	LF	14 AWG, 12-Conductor, Solid, Traffic Signal Cable	5.90	1.67
34 41 13 00-0107	LF	14 AWG, 16-Conductor, Solid, Traffic Signal Cable	7.13	1.86
34 41 13 00-0108	LF	14 AWG, 20-Conductor, Solid, Traffic Signal Cable	8.66	2.06
34 41 13 00-0109	LF	12 AWG, 2-Conductor, Solid, Traffic Signal Cable	2.51	0.90
34 41 13 00-0110	LF	12 AWG, 3-Conductor, Solid, Traffic Signal Cable	2.95	0.96
34 41 13 00-0111	LF	12 AWG, 4-Conductor, Solid, Traffic Signal Cable	3.37	1.02
34 41 13 00-0112	LF	12 AWG, 5-Conductor, Solid, Traffic Signal Cable	3.76	1.09
34 41 13 00-0113	LF	12 AWG, 6-Conductor, Solid, Traffic Signal Cable	4.27	1.16
34 41 13 00-0114	LF	12 AWG, 8-Conductor, Solid, Traffic Signal Cable	5.14	1.29
34 41 13 00-0115	LF	12 AWG, 10-Conductor, Solid, Traffic Signal Cable	6.14	1.47
34 41 13 00-0116	LF	12 AWG, 12-Conductor, Solid, Traffic Signal Cable	7.13	1.67

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
34 41 13 00-0117	LF	12 AWG, 16-Conductor, Solid, Traffic Signal Cable	8.77	1.86
34 41 13 00-0118	LF	12 AWG, 20-Conductor, Solid, Traffic Signal Cable	10.84	2.06
34 41 13 00-0119		School Zone Flasher Beacons *(34 41 13)*		
34 41 13 00-0120	EA	One 8" Amber LED Beacon Head, Solar Panel School Zone Flasher Beacons Assembly Note: Includes 365 day timer, aluminum control/battery enclosure, 2 AGM cell batteries, brackets, 30 Watt tilted solar panel, solar regulator, and solid state flasher.	6,022.13	194.61
34 41 13 00-0121	EA	One 12" Amber LED Beacon Head, Solar Panel School Zone Flasher Beacons Assembly Note: Includes 365 day timer, aluminum control/battery enclosure, 2 AGM cell batteries, brackets, 30 Watt tilted solar panel, solar regulator, and solid state flasher.	6,065.42	194.61
34 41 13 00-0122	EA	Two 8" Amber LED Beacon Head, Solar Panel School Zone Flasher Beacons Assembly Note: Includes 365 day timer, aluminum control/battery enclosure, 2 AGM cell batteries, brackets, 40 Watt tilted solar panel, solar regulator, and solid state flasher.	6,800.56	194.61
34 41 13 00-0123	EA	Two 12" Amber LED Beacon Head, Solar Panel School Zone Flasher Beacons Assembly Note: Includes 365 day timer, aluminum control/battery enclosure, 2 AGM cell batteries, brackets, 40 Watt tilted solar panel, solar regulator, and solid state flasher.	6,939.13	194.61
34 41 13 00-0124	EA	10" Digit Radar Display, One 12" Amber LED Beacon Head, Solar Panel School Zone Flasher Beacons Assembly Note: Includes 365 day timer, aluminum control/battery enclosure, 2 AGM cell batteries, brackets, 80 Watt tilted solar panel, solar regulator, and solid state flasher.	12,791.16	194.61
34 41 13 00-0125	EA	10" Digit Radar Display, Two 12" Amber LED Beacon Head, Solar Panel School Zone Flasher Beacons Assembly Note: Includes 365 day timer, aluminum control/battery enclosure, 2 AGM cell batteries, brackets, 40 Watt tilted solar panel, solar regulator, and solid state flasher.	13,334.17	194.61
34 41 16		**Traffic Control Equipment** *(34 41)*		
34 41 16 00-0001		Transportation Control Equipment *(34 41 16)*		
34 41 16 00-0002	EA	CONTROLLER/SL/POLE MTD/1-PHASE/100A	12,145.38	895.77
34 41 16 00-0003	EA	CONTROLLER/SL/ON EMB POLE 1-PH/100A	12,248.58	947.34
34 41 16 00-0004	EA	CONTROLLER, SL, 3-PHASE, 100A, BASE MTD	15,073.05	958.49
34 41 16 00-0005	EA	CONTROLLER, SL, 3-PHASE, 200A, BASE MTD	17,900.32	1,163.77
34 41 16 00-0006	EA	CONTROLLER/SL/BASE MTD/1-PHASE/100A	14,999.58	574.11
34 41 16 00-0007	EA	CONTROLLER/SL/BASE MTD/1-PHASE/200A	16,636.08	628.54
34 41 16 00-0008	EA	CONTROLLER, TS, 12-BAY, "M" CABINET	27,437.01	988.17
34 41 16 00-0009	EA	CONTROLLER, TS, 12-BAY, "P" CABINET	29,170.88	1,095.09
34 41 16 00-0010	EA	CONTROLLER, TS, 12-BAY "P" CABINET With FO MASTER	41,983.36	1,231.17
34 41 16 00-0011	EA	CONTROLLER, TS, 16-BAY, "P" CABINET	33,113.53	1,166.36
34 41 16 00-0012	EA	CONTROLLER, TS, POST-MTD, TEMP	5,185.06	381.92
34 41 16 00-0013	EA	CONTROLLER, PEDESTRIAN CROSSING, ADD-IN	900.87	136.98
34 41 16 00-0014	EA	CONCRETE BLOCK PEDESTAL	808.62	205.67
34 41 16 00-0015	WK	MAINTAIN EXIST TS INSTALLATION	321.92	160.95
34 41 16 00-0016	EA	INST SIGN BOARDS, ST. NAME	586.57	271.25
34 41 16 00-0017	EA	F.O. ADD-IN FOR LOCAL CONTROLLER	14,024.18	362.45
34 41 16 00-0018	EA	F.O. ADD-IN FOR MASTER CONTROLLER	34,148.46	543.84
34 41 16 00-0019	EA	F.O. STAR MODEM	12,939.29	543.84
34 41 16 00-0020	EA	PDU Equipped netBooter With IEC320 C13 Outlets (Synaccess NP-0808DUH)	1,071.62	15.09
34 41 16 00-0021	EA	Remote Power Switched netBooter PDU, 8 Independent Outlets (Synaccess NP-0801DU)	607.44	15.09

34 70 Transportation Construction and Equipment *(34)*

34 71 Roadway Construction *(34 70)*

34 71 13 Vehicle Barriers *(34 71)*

34 71 13 13 Vehicle Median Barriers *(34 71 13)*

34 71 13 13-0001 Concrete Median Barrier *(34 71 13 13)*

34 71 13 13-0002	LF	Median Barrier, Precast, 42" High Single Face	77.79	4.81
34 71 13 13-0003	LF	Median Barrier, Precast, 32" High, 2' Wide Base, Double Face	117.06	4.81
34 71 13 13-0004	LF	Median Barrier, Precast, 42" High, 2' Wide Base, Double Face	158.42	4.81
34 71 13 13-0005	LF	Median Barrier, Cast In Place With Steel Forms	52.74	6.73
34 71 13 13-0006	LF	Median Barrier, Slipformed Concrete	45.16	3.92

34 71 13 16 Vehicle Crash Barriers *(34 71 13)*

34 71 13 16-0001 Impact Barrier, Non-Redirective *(34 71 13 16)*

34 71 13 16-0002 Sand Barrel Impact Attenuator *(34 71 13 16-0001)*
Note: Includes containers, inserts, and lid. Excludes sand.

34 71 13 16-0003	EA	200, 400 Or 700 LB Sand Barrel Note: Includes containers, inserts, and lid.	627.54	60.88

34 71 13 26 Vehicle Guide Rails *(34 71 13)*

34 71 13 26-0001 Corrugated Beam Guide Rail *(34 71 13 26)*

34 71 13 26-0002 Corrugated Beam Guide Railing Assembly *(34 71 13 26-0001)*

34 71 13 26-0003	LF	Corrugated Steel Guard Rail, Galvanized Posts 6'-3" On Center	73.33	12.70
		For Radius Bends, Add	*1.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
34 71 13 26-0004	LF	Corrugated Steel Guard Rail, Galvanized Posts 12'-6" On Center	50.69	8.48
		For Radius Bends, Add	*1.50*	
34 71 13 26-0005	LF	Corrugated Steel Guard Rail, Wood Posts 6'-3" On Center	144.32	17.56
		For Radius Bends, Add	*1.50*	
34 71 13 26-0006	LF	Corrugated Steel Guard Rail, Wood Posts 12'-6" On Center	86.22	17.56
		For Radius Bends, Add	*1.50*	
34 71 13 26-0007	EA	Corrugated Steel Galvanized End Section, Flared	277.00	13.77
34 71 13 26-0008	EA	Corrugated Steel Wrap-Around End Section	388.35	13.77
34 71 13 26-0009	LF	Self Weathering Corrugated Steel Guard Rail Post 12' 6" On Center	185.40	8.48
		For Radius Bends, Add	*1.50*	
34 71 13 26-0010	EA	Self Weathering Corrugated Steel End Section Flared	404.18	13.77
34 71 13 26-0011	EA	Self Weathering Corrugated Steel Wrap Around End Section	538.85	13.77
34 71 13 26-0012	EA	Guard Rail Anchorage Unit	1,647.80	70.95
34 71 13 26-0013		**Timber Guide Rails** *(34 71 13 26)*		
		Note: Includes drilling and fasteners. Excludes excavation, auguring and concrete.		
34 71 13 26-0014		**Timber Guide Rail Posts** *(34 71 13 26-0013)*		
34 71 13 26-0015	EA	6" x 8" Timber Guide Rail Post	118.46	13.68
34 71 13 26-0016	EA	6" x 9" Timber Guide Rail Post	134.94	13.68
34 71 13 26-0017	EA	10" x 10" Timber Guide Rail Post	264.12	13.68
34 71 13 26-0018	EA	10" x 12" Timber Guide Rail Post	279.53	13.68
34 71 13 26-0019	EA	12" x 12" Timber Guide Rail Post	323.44	13.68
34 71 13 26-0020		**Timber Guide Rails** *(34 71 13 26-0013)*		
		Note: Excludes posts, spacer blocks and steel backup plates.		
34 71 13 26-0021	LF	4" x 9" Timber Guide Rail	14.70	1.64
34 71 13 26-0022	LF	6" x 10" Timber Guide Rail	20.63	1.64
34 71 13 26-0023	LF	6" x 12" Timber Guide Rail	24.11	1.64
34 71 13 26-0024		**Spacer Blocks For Timber Guide Rails** *(34 71 13 26-0013)*		
34 71 13 26-0025	EA	4" x 9" Spacer Block For Timber Guide Rails	19.14	2.19
34 71 13 26-0026	EA	6" x 8" Spacer Block For Timber Guide Rails	21.99	2.19
34 71 13 26-0027	EA	8" x 8" Spacer Block For Timber Guide Rails	25.62	2.19
34 71 13 26-0028		**Weathering Steel Backup Plates For Timber Guide Rails** *(34 71 13 26-0013)*		
34 71 13 26-0029	LF	6" High, Weathering Steel Backup Plate For Timber Guide Rails	26.50	1.37
34 71 13 26-0030		**Weathering Steel Splice And Bearing Plates For Timber Guide Rails** *(34 71 13 26-0013)*		
34 71 13 26-0031	EA	Weathering Steel Splice Plate For Timber Guide Rails	185.16	19.15
34 71 13 26-0032	EA	Weathering Steel Bearing Termination Plate For Timber Guide Rails	116.27	13.68
34 71 13 26-0033		**Cable Guide Rail** *(34 71 13 26)*		
34 71 13 26-0034		**Cable Guide Rail Assembly** *(34 71 13 26-0033)*		
34 71 13 26-0035	LF	Cable Guard Rail Steel Post 3 Cables At 3/4" Diameter	55.66	3.17
34 71 13 26-0036	LF	Cable Guard Rail Wood Post 3 Cables At 3/4" Diameter	21.61	3.17
34 71 13 26-0037	LF	Cable Guard Rail Steel Post 3 Cables, Double Faced At 3/4" Diameter	70.80	1.06
34 71 13 26-0038	LF	Cable Guard Rail Wood Post 3 Cables, Double Faced At 3/4" Diameter	35.06	1.06
34 71 13 26-0039	EA	Cable Guard Rail Breakaway Wood Post	468.41	70.95
34 71 13 26-0040		**6" x 6" Box Beam Guide Rail** *(34 71 13 26)*		
34 71 13 26-0041		**6" x 6" Box Beam Guide Rail Assembly** *(34 71 13 26-0040)*		
34 71 13 26-0042	LF	Guide Rail, 6' x 6" Steel Box Beam	109.60	7.41
34 71 13 26-0043	EA	Guide Rail End Assembly	285.71	22.23
34 71 13 26-0044		**6" x 8" Box Beam Median Barrier** *(34 71 13 26)*		
34 71 13 26-0045		**6" x 8" Box Beam Median Barrier Assembly** *(34 71 13 26-0044)*		
34 71 13 26-0046	LF	Median Barrier, 6" x 8" Steel Box Beam	153.43	8.48
34 71 13 26-0047	LF	Median Barrier, Shop Curved	86.96	11.65
34 71 13 26-0048	LF	Median Barrier, Corrugated Beam	44.31	3.17
34 71 13 26-0049		**Resilient Guard Fence And Light Shield** *(34 71 13 26)*		
34 71 13 26-0050	LF	Resilient Guard Fence And Light Shield, Up To 6' High	102.66	8.48
34 71 13 26-0051		**Individual Concrete Guard Rail Posts** *(34 71 13 26)*		
34 71 13 26-0052	EA	6'-5" Concrete Guard Rail Posts, Round	103.84	8.48
34 71 13 26-0053	EA	6'-5" Concrete Posts, Square	116.16	9.53

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
34 71 13 26-0054	EA	6'-5" Concrete Posts, Triangular	113.13	9.53

34 71 16 Impact Attenuating Devices *(34 71)*

34 71 16 00-0001 Guard Rail Energy Absorbing Terminals *(34 71 16)*

Note: Crushable foam cartridges surrounded by steel guardrail for narrow hazards. QuadGuard System as manufactured by Energy Absorption Systems, Inc.

34 71 16 00-0002 24" Wide Guard Rail Energy Absorbing Terminals *(34 71 16 00-0001)*

34 71 16 00-0003	EA	24" Wide, 3 Cartridge Bays, Energy Absorbing Crash Attenuator	37,720.98	3,917.79
34 71 16 00-0004	EA	24" Wide, 5 Cartridge, Bays Energy Absorbing Crash Attenuator	52,348.08	5,223.71
34 71 16 00-0005	EA	24" Wide, 7 Cartridge, Bays Energy Absorbing Crash Attenuator	71,393.61	6,856.13
34 71 16 00-0006	EA	24" Wide, 9 Cartridge, Bays Energy Absorbing Crash Attenuator	79,511.82	8,488.53

34 71 16 00-0007 30" Wide Guard Rail Energy Absorbing Terminals *(34 71 16 00-0001)*

34 71 16 00-0008	EA	30" Wide, 3 Cartridge Bays, Energy Absorbing Crash Attenuator	40,652.28	4,407.51
34 71 16 00-0009	EA	30" Wide, 5 Cartridge Bays, Energy Absorbing Crash Attenuator	56,581.48	5,876.68
34 71 16 00-0010	EA	30" Wide, 7 Cartridge Bays, Energy Absorbing Crash Attenuator	77,613.56	7,835.58
34 71 16 00-0011	EA	30" Wide, 9 Cartridge Bays, Energy Absorbing Crash Attenuator	88,975.60	9,467.98

34 71 16 00-0012 36" Wide Guard Rail Energy Absorbing Terminals *(34 71 16 00-0001)*

34 71 16 00-0013	EA	36" Wide, 3 Cartridge Bays, Energy Absorbing Crash Attenuator	43,616.36	4,897.24
34 71 16 00-0014	EA	36" Wide, 5 Cartridge Bays, Energy Absorbing Crash Attenuator	60,846.83	6,529.64
34 71 16 00-0015	EA	36" Wide, 7 Cartridge Bays, Energy Absorbing Crash Attenuator	83,149.61	8,651.78
34 71 16 00-0016	EA	36" Wide, 9 Cartridge Bays, Energy Absorbing Crash Attenuator	98,405.52	10,447.43

34 71 16 00-0017 69" Wide Guard Rail Energy Absorbing Terminals *(34 71 16 00-0001)*

34 71 16 00-0018	EA	69" Wide, 3 Cartridge Bays, Energy Absorbing Crash Attenuator	47,245.80	5,386.96
34 71 16 00-0019	EA	69" Wide, 5 Cartridge Bays, Energy Absorbing Crash Attenuator	65,371.52	7,182.61
34 71 16 00-0020	EA	69" Wide, 7 Cartridge Bays, Energy Absorbing Crash Attenuator	89,721.39	9,467.98
34 71 16 00-0021	EA	69" Wide, 9 Cartridge Bays, Energy Absorbing Crash Attenuator	105,693.89	11,426.88

34 71 16 00-0022 90" Wide Guard Rail Energy Absorbing Terminals *(34 71 16 00-0001)*

34 71 16 00-0023	EA	90" Wide, 3 Cartridge Bays, Energy Absorbing Crash Attenuator	50,971.78	5,876.68
34 71 16 00-0024	EA	90" Wide, 5 Cartridge Bays, Energy Absorbing Crash Attenuator	70,009.66	7,835.58
34 71 16 00-0025	EA	90" Wide, 7 Cartridge Bays, Energy Absorbing Crash Attenuator	97,173.33	10,447.43
34 71 16 00-0026	EA	90" Wide, 9 Cartridge Bays, Energy Absorbing Crash Attenuator	113,181.75	12,406.32

34 71 19 Vehicle Delineators *(34 71)*

34 71 19 16 Flexible Vehicle Delineators *(34 71 19)*

34 71 19 16-0001	EA	2' High, 3" Diameter Flexible Fixed Stanchion Delineator	101.39	10.58
34 71 19 16-0002	EA	3' High, 3" Diameter Flexible Fixed Stanchion Delineator	102.74	10.58
34 71 19 16-0003	EA	3-1/2' High, 3" Diameter Flexible Fixed Stanchion Delineator	104.10	10.58
34 71 19 16-0004	EA	4' High, 3" Diameter Flexible Fixed Stanchion Delineator	105.45	10.58

END OF SECTION 34

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

40 Process Interconnections

40 05 Common Work Results For Process Interconnections *(40)*

40 05 19 Ductile Iron Process Pipe *(40 05)*

40 05 19 00-0001 Flanged End, Cement Lined, Bituminous Seal Coat, Ductile Iron Piping *(40 05 19)*

Note: 350 PSI rating for 2" - 24" sizes, 250 PSI rating for 30" - 48" sizes. Pipe barrels conform to ANSI/AWWA C151/A21.51. The bolt holes are aligned per ANSI/AWWA C115/A21.15. Flanged fittings conform to ANSI/AWWA C110/A21.10. Interiors shall be cement lined in accordance with ANSI/AWWA C104/A21.04. Exterior shall be bituminous coating, in accordance with ANSI/AWWA C104/A21.04. See CSI section 40 05 19 00-4062 for bolts, 40 05 19 00-4077 for gaskets.

40 05 19 00-0002 Flanged End (FxF), Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0001)*

40 05 19 00-0003 4" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0002)*

40 05 19 00-0004	EA	4" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	890.47	227.37
		For Class 52 Rating, Deduct	*-60.06*	
		For Class 54 Rating, Add	*86.03*	
		For Class 55 Rating, Add	*130.02*	
		For Class 56 Rating, Add	*173.46*	
40 05 19 00-0005	EA	4" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	954.91	231.34
		For Class 52 Rating, Deduct	*-66.48*	
		For Class 54 Rating, Add	*94.86*	
		For Class 55 Rating, Add	*143.19*	
		For Class 56 Rating, Add	*190.91*	
40 05 19 00-0006	EA	4" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,019.35	235.31
		For Class 52 Rating, Deduct	*-72.91*	
		For Class 54 Rating, Add	*103.70*	
		For Class 55 Rating, Add	*156.36*	
		For Class 56 Rating, Add	*208.36*	
40 05 19 00-0007	EA	4" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,083.78	239.29
		For Class 52 Rating, Deduct	*-79.33*	
		For Class 54 Rating, Add	*112.53*	
		For Class 55 Rating, Add	*169.53*	
		For Class 56 Rating, Add	*225.81*	
40 05 19 00-0008	EA	4" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,148.23	243.27
		For Class 52 Rating, Deduct	*-85.76*	
		For Class 54 Rating, Add	*121.37*	
		For Class 55 Rating, Add	*182.71*	
		For Class 56 Rating, Add	*243.26*	
40 05 19 00-0009	EA	4" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,212.67	247.25
		For Class 52 Rating, Deduct	*-92.19*	
		For Class 54 Rating, Add	*130.20*	
		For Class 55 Rating, Add	*195.88*	
		For Class 56 Rating, Add	*260.71*	
40 05 19 00-0010	EA	4" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,277.11	251.22
		For Class 52 Rating, Deduct	*-98.61*	
		For Class 54 Rating, Add	*139.04*	
		For Class 55 Rating, Add	*209.05*	
		For Class 56 Rating, Add	*278.16*	
40 05 19 00-0011	EA	4" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,341.55	255.19
		For Class 52 Rating, Deduct	*-105.04*	
		For Class 54 Rating, Add	*147.87*	
		For Class 55 Rating, Add	*222.22*	
		For Class 56 Rating, Add	*295.61*	
40 05 19 00-0012	EA	4" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,405.98	259.17
		For Class 52 Rating, Deduct	*-111.46*	
		For Class 54 Rating, Add	*156.71*	
		For Class 55 Rating, Add	*235.39*	
		For Class 56 Rating, Add	*313.06*	
40 05 19 00-0013	EA	4" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,470.42	263.14
		For Class 52 Rating, Deduct	*-117.89*	
		For Class 54 Rating, Add	*165.54*	
		For Class 55 Rating, Add	*248.56*	
		For Class 56 Rating, Add	*330.51*	
40 05 19 00-0014	EA	4" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,534.86	267.11
		For Class 52 Rating, Deduct	*-124.32*	
		For Class 54 Rating, Add	*174.38*	
		For Class 55 Rating, Add	*261.73*	
		For Class 56 Rating, Add	*347.96*	
40 05 19 00-0015	EA	4" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,599.31	271.10
		For Class 52 Rating, Deduct	*-130.74*	
		For Class 54 Rating, Add	*183.21*	
		For Class 55 Rating, Add	*274.91*	
		For Class 56 Rating, Add	*365.41*	
40 05 19 00-0016	EA	4" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,663.74	275.07
		For Class 52 Rating, Deduct	*-137.17*	
		For Class 54 Rating, Add	*192.05*	
		For Class 55 Rating, Add	*288.08*	
		For Class 56 Rating, Add	*382.86*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0017	EA	4" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,728.18	279.04
		For Class 52 Rating, Deduct	*-143.59*	
		For Class 54 Rating, Add	*200.88*	
		For Class 55 Rating, Add	*301.25*	
		For Class 56 Rating, Add	*400.31*	
40 05 19 00-0018	EA	4" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,792.62	283.02
		For Class 52 Rating, Deduct	*-150.02*	
		For Class 54 Rating, Add	*209.72*	
		For Class 55 Rating, Add	*314.42*	
		For Class 56 Rating, Add	*417.76*	
40 05 19 00-0019	EA	4" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,857.06	286.99
		For Class 52 Rating, Deduct	*-156.44*	
		For Class 54 Rating, Add	*218.55*	
		For Class 55 Rating, Add	*327.59*	
		For Class 56 Rating, Add	*435.21*	
40 05 19 00-0020	EA	4" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,921.50	290.96
		For Class 52 Rating, Deduct	*-162.87*	
		For Class 54 Rating, Add	*227.39*	
		For Class 55 Rating, Add	*340.76*	
		For Class 56 Rating, Add	*452.66*	
40 05 19 00-0021	EA	4" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,985.94	294.94
		For Class 52 Rating, Deduct	*-169.30*	
		For Class 54 Rating, Add	*236.22*	
		For Class 55 Rating, Add	*353.94*	
		For Class 56 Rating, Add	*470.11*	
40 05 19 00-0022	EA	4" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,050.38	298.92
		For Class 52 Rating, Deduct	*-175.72*	
		For Class 54 Rating, Add	*245.06*	
		For Class 55 Rating, Add	*367.11*	
		For Class 56 Rating, Add	*487.56*	
40 05 19 00-0023	EA	4" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,114.81	302.90
		For Class 52 Rating, Deduct	*-182.15*	
		For Class 54 Rating, Add	*253.89*	
		For Class 55 Rating, Add	*380.28*	
		For Class 56 Rating, Add	*505.01*	
40 05 19 00-0024	EA	4" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,179.26	306.87
		For Class 52 Rating, Deduct	*-188.57*	
		For Class 54 Rating, Add	*262.73*	
		For Class 55 Rating, Add	*393.45*	
		For Class 56 Rating, Add	*522.46*	
40 05 19 00-0025	EA	4" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,243.70	310.84
		For Class 52 Rating, Deduct	*-195.00*	
		For Class 54 Rating, Add	*271.56*	
		For Class 55 Rating, Add	*406.62*	
		For Class 56 Rating, Add	*539.91*	
40 05 19 00-0026	EA	4" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,308.14	314.82
		For Class 52 Rating, Deduct	*-201.43*	
		For Class 54 Rating, Add	*280.40*	
		For Class 55 Rating, Add	*419.79*	
		For Class 56 Rating, Add	*557.36*	
40 05 19 00-0027	EA	4" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,372.58	318.79
		For Class 52 Rating, Deduct	*-207.85*	
		For Class 54 Rating, Add	*289.23*	
		For Class 55 Rating, Add	*432.96*	
		For Class 56 Rating, Add	*574.81*	
40 05 19 00-0028	EA	4" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,437.02	322.76
		For Class 52 Rating, Deduct	*-214.28*	
		For Class 54 Rating, Add	*298.07*	
		For Class 55 Rating, Add	*446.14*	
		For Class 56 Rating, Add	*592.26*	
40 05 19 00-0029	EA	4" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,501.45	326.75
		For Class 52 Rating, Deduct	*-220.70*	
		For Class 54 Rating, Add	*306.90*	
		For Class 55 Rating, Add	*459.31*	
		For Class 56 Rating, Add	*609.71*	
40 05 19 00-0030	EA	4" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,565.89	330.72
		For Class 52 Rating, Deduct	*-227.13*	
		For Class 54 Rating, Add	*315.73*	
		For Class 55 Rating, Add	*472.48*	
		For Class 56 Rating, Add	*627.16*	
40 05 19 00-0031	EA	4" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,630.34	334.69
		For Class 52 Rating, Deduct	*-233.56*	
		For Class 54 Rating, Add	*324.57*	
		For Class 55 Rating, Add	*485.65*	
		For Class 56 Rating, Add	*644.61*	
40 05 19 00-0032	EA	4" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,694.77	338.67
		For Class 52 Rating, Deduct	*-239.98*	
		For Class 54 Rating, Add	*333.40*	
		For Class 55 Rating, Add	*498.82*	
		For Class 56 Rating, Add	*662.06*	
40 05 19 00-0033	EA	4" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,759.22	342.64
		For Class 52 Rating, Deduct	*-246.41*	
		For Class 54 Rating, Add	*342.24*	
		For Class 55 Rating, Add	*511.99*	
		For Class 56 Rating, Add	*679.51*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0034	EA	4" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,823.65	346.61
		For Class 52 Rating, Deduct	*-252.83*	
		For Class 54 Rating, Add	*351.07*	
		For Class 55 Rating, Add	*525.17*	
		For Class 56 Rating, Add	*696.96*	
40 05 19 00-0035	EA	4" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,888.09	350.59
		For Class 52 Rating, Deduct	*-259.26*	
		For Class 54 Rating, Add	*359.91*	
		For Class 55 Rating, Add	*538.34*	
		For Class 56 Rating, Add	*714.41*	
40 05 19 00-0036	EA	4" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,952.53	354.57
		For Class 52 Rating, Deduct	*-265.68*	
		For Class 54 Rating, Add	*368.74*	
		For Class 55 Rating, Add	*551.51*	
		For Class 56 Rating, Add	*731.86*	
40 05 19 00-0037	EA	4" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,016.98	358.55
		For Class 52 Rating, Deduct	*-272.11*	
		For Class 54 Rating, Add	*377.58*	
		For Class 55 Rating, Add	*564.68*	
		For Class 56 Rating, Add	*749.31*	
40 05 19 00-0038	EA	4" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,081.41	362.52
		For Class 52 Rating, Deduct	*-278.54*	
		For Class 54 Rating, Add	*386.41*	
		For Class 55 Rating, Add	*577.85*	
		For Class 56 Rating, Add	*766.76*	
40 05 19 00-0039	EA	4" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,145.85	366.49
		For Class 52 Rating, Deduct	*-284.96*	
		For Class 54 Rating, Add	*395.25*	
		For Class 55 Rating, Add	*591.02*	
		For Class 56 Rating, Add	*784.21*	
40 05 19 00-0040	EA	4" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,210.29	370.47
		For Class 52 Rating, Deduct	*-291.39*	
		For Class 54 Rating, Add	*404.08*	
		For Class 55 Rating, Add	*604.19*	
		For Class 56 Rating, Add	*801.66*	
40 05 19 00-0041	EA	4" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,274.72	374.44
		For Class 52 Rating, Deduct	*-297.81*	
		For Class 54 Rating, Add	*412.92*	
		For Class 55 Rating, Add	*617.36*	
		For Class 56 Rating, Add	*819.10*	
40 05 19 00-0042	EA	4" Flanged (FxF), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,339.17	378.41
		For Class 52 Rating, Deduct	*-304.24*	
		For Class 54 Rating, Add	*421.75*	
		For Class 55 Rating, Add	*630.54*	
		For Class 56 Rating, Add	*836.55*	
40 05 19 00-0043		6" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0002)*		
40 05 19 00-0044	EA	6" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,127.89	286.20
		For Class 52 Rating, Deduct	*-76.37*	
		For Class 54 Rating, Add	*109.34*	
		For Class 55 Rating, Add	*165.23*	
		For Class 56 Rating, Add	*220.42*	
40 05 19 00-0045	EA	6" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,205.82	290.17
		For Class 52 Rating, Deduct	*-84.28*	
		For Class 54 Rating, Add	*120.20*	
		For Class 55 Rating, Add	*181.41*	
		For Class 56 Rating, Add	*241.84*	
40 05 19 00-0046	EA	6" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,283.74	294.14
		For Class 52 Rating, Deduct	*-92.19*	
		For Class 54 Rating, Add	*131.06*	
		For Class 55 Rating, Add	*197.58*	
		For Class 56 Rating, Add	*263.27*	
40 05 19 00-0047	EA	6" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,361.65	298.13
		For Class 52 Rating, Deduct	*-100.09*	
		For Class 54 Rating, Add	*141.91*	
		For Class 55 Rating, Add	*213.76*	
		For Class 56 Rating, Add	*284.70*	
40 05 19 00-0048	EA	6" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,439.57	302.10
		For Class 52 Rating, Deduct	*-108.00*	
		For Class 54 Rating, Add	*152.77*	
		For Class 55 Rating, Add	*229.94*	
		For Class 56 Rating, Add	*306.12*	
40 05 19 00-0049	EA	6" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,517.50	306.07
		For Class 52 Rating, Deduct	*-115.91*	
		For Class 54 Rating, Add	*163.63*	
		For Class 55 Rating, Add	*246.12*	
		For Class 56 Rating, Add	*327.55*	
40 05 19 00-0050	EA	6" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,595.42	310.05
		For Class 52 Rating, Deduct	*-123.82*	
		For Class 54 Rating, Add	*174.48*	
		For Class 55 Rating, Add	*262.29*	
		For Class 56 Rating, Add	*348.98*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0051	EA	6" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,673.33	314.02
		For Class 52 Rating, Deduct	*-131.73*	
		For Class 54 Rating, Add	*185.34*	
		For Class 55 Rating, Add	*278.47*	
		For Class 56 Rating, Add	*370.40*	
40 05 19 00-0052	EA	6" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,751.26	317.99
		For Class 52 Rating, Deduct	*-139.64*	
		For Class 54 Rating, Add	*196.20*	
		For Class 55 Rating, Add	*294.65*	
		For Class 56 Rating, Add	*391.83*	
40 05 19 00-0053	EA	6" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,829.17	321.97
		For Class 52 Rating, Deduct	*-147.55*	
		For Class 54 Rating, Add	*207.05*	
		For Class 55 Rating, Add	*310.83*	
		For Class 56 Rating, Add	*413.26*	
40 05 19 00-0054	EA	6" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,907.10	325.95
		For Class 52 Rating, Deduct	*-155.46*	
		For Class 54 Rating, Add	*217.91*	
		For Class 55 Rating, Add	*327.01*	
		For Class 56 Rating, Add	*434.68*	
40 05 19 00-0055	EA	6" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,985.01	329.93
		For Class 52 Rating, Deduct	*-163.36*	
		For Class 54 Rating, Add	*228.77*	
		For Class 55 Rating, Add	*343.18*	
		For Class 56 Rating, Add	*456.11*	
40 05 19 00-0056	EA	6" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,062.94	333.90
		For Class 52 Rating, Deduct	*-171.27*	
		For Class 54 Rating, Add	*239.63*	
		For Class 55 Rating, Add	*359.36*	
		For Class 56 Rating, Add	*477.54*	
40 05 19 00-0057	EA	6" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,140.86	337.87
		For Class 52 Rating, Deduct	*-179.18*	
		For Class 54 Rating, Add	*250.48*	
		For Class 55 Rating, Add	*375.54*	
		For Class 56 Rating, Add	*498.96*	
40 05 19 00-0058	EA	6" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,218.78	341.85
		For Class 52 Rating, Deduct	*-187.09*	
		For Class 54 Rating, Add	*261.34*	
		For Class 55 Rating, Add	*391.72*	
		For Class 56 Rating, Add	*520.39*	
40 05 19 00-0059	EA	6" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,296.70	345.82
		For Class 52 Rating, Deduct	*-195.00*	
		For Class 54 Rating, Add	*272.20*	
		For Class 55 Rating, Add	*407.89*	
		For Class 56 Rating, Add	*541.82*	
40 05 19 00-0060	EA	6" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,374.61	349.79
		For Class 52 Rating, Deduct	*-202.91*	
		For Class 54 Rating, Add	*283.05*	
		For Class 55 Rating, Add	*424.07*	
		For Class 56 Rating, Add	*563.24*	
40 05 19 00-0061	EA	6" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,452.54	353.77
		For Class 52 Rating, Deduct	*-210.82*	
		For Class 54 Rating, Add	*293.91*	
		For Class 55 Rating, Add	*440.25*	
		For Class 56 Rating, Add	*584.67*	
40 05 19 00-0062	EA	6" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,530.46	357.75
		For Class 52 Rating, Deduct	*-218.73*	
		For Class 54 Rating, Add	*304.77*	
		For Class 55 Rating, Add	*456.43*	
		For Class 56 Rating, Add	*606.10*	
40 05 19 00-0063	EA	6" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,608.39	361.72
		For Class 52 Rating, Deduct	*-226.64*	
		For Class 54 Rating, Add	*315.62*	
		For Class 55 Rating, Add	*472.61*	
		For Class 56 Rating, Add	*627.52*	
40 05 19 00-0064	EA	6" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,686.29	365.70
		For Class 52 Rating, Deduct	*-234.54*	
		For Class 54 Rating, Add	*326.48*	
		For Class 55 Rating, Add	*488.78*	
		For Class 56 Rating, Add	*648.95*	
40 05 19 00-0065	EA	6" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,764.22	369.67
		For Class 52 Rating, Deduct	*-242.45*	
		For Class 54 Rating, Add	*337.34*	
		For Class 55 Rating, Add	*504.96*	
		For Class 56 Rating, Add	*670.38*	
40 05 19 00-0066	EA	6" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,842.14	373.64
		For Class 52 Rating, Deduct	*-250.36*	
		For Class 54 Rating, Add	*348.20*	
		For Class 55 Rating, Add	*521.14*	
		For Class 56 Rating, Add	*691.80*	
40 05 19 00-0067	EA	6" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,920.07	377.62
		For Class 52 Rating, Deduct	*-258.27*	
		For Class 54 Rating, Add	*359.05*	
		For Class 55 Rating, Add	*537.32*	
		For Class 56 Rating, Add	*713.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0068	EA	6" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,997.98	381.59
		For Class 52 Rating, Deduct	*-266.18*	
		For Class 54 Rating, Add	*369.91*	
		For Class 55 Rating, Add	*553.49*	
		For Class 56 Rating, Add	*734.66*	
40 05 19 00-0069	EA	6" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,075.89	385.58
		For Class 52 Rating, Deduct	*-274.09*	
		For Class 54 Rating, Add	*380.77*	
		For Class 55 Rating, Add	*569.67*	
		For Class 56 Rating, Add	*756.08*	
40 05 19 00-0070	EA	6" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,153.82	389.55
		For Class 52 Rating, Deduct	*-282.00*	
		For Class 54 Rating, Add	*391.62*	
		For Class 55 Rating, Add	*585.85*	
		For Class 56 Rating, Add	*777.51*	
40 05 19 00-0071	EA	6" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,231.74	393.52
		For Class 52 Rating, Deduct	*-289.91*	
		For Class 54 Rating, Add	*402.48*	
		For Class 55 Rating, Add	*602.03*	
		For Class 56 Rating, Add	*798.94*	
40 05 19 00-0072	EA	6" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,309.66	397.50
		For Class 52 Rating, Deduct	*-297.81*	
		For Class 54 Rating, Add	*413.34*	
		For Class 55 Rating, Add	*618.20*	
		For Class 56 Rating, Add	*820.36*	
40 05 19 00-0073	EA	6" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,387.58	401.47
		For Class 52 Rating, Deduct	*-305.72*	
		For Class 54 Rating, Add	*424.19*	
		For Class 55 Rating, Add	*634.38*	
		For Class 56 Rating, Add	*841.79*	
40 05 19 00-0074	EA	6" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,465.51	405.44
		For Class 52 Rating, Deduct	*-313.63*	
		For Class 54 Rating, Add	*435.05*	
		For Class 55 Rating, Add	*650.56*	
		For Class 56 Rating, Add	*863.22*	
40 05 19 00-0075	EA	6" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,543.42	409.42
		For Class 52 Rating, Deduct	*-321.54*	
		For Class 54 Rating, Add	*445.91*	
		For Class 55 Rating, Add	*666.74*	
		For Class 56 Rating, Add	*884.64*	
40 05 19 00-0076	EA	6" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,621.34	413.40
		For Class 52 Rating, Deduct	*-329.45*	
		For Class 54 Rating, Add	*456.76*	
		For Class 55 Rating, Add	*682.91*	
		For Class 56 Rating, Add	*906.07*	
40 05 19 00-0077	EA	6" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,699.26	417.37
		For Class 52 Rating, Deduct	*-337.36*	
		For Class 54 Rating, Add	*467.62*	
		For Class 55 Rating, Add	*699.09*	
		For Class 56 Rating, Add	*927.50*	
40 05 19 00-0078	EA	6" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,777.19	421.35
		For Class 52 Rating, Deduct	*-345.27*	
		For Class 54 Rating, Add	*478.48*	
		For Class 55 Rating, Add	*715.27*	
		For Class 56 Rating, Add	*948.92*	
40 05 19 00-0079	EA	6" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,855.11	425.32
		For Class 52 Rating, Deduct	*-353.17*	
		For Class 54 Rating, Add	*489.34*	
		For Class 55 Rating, Add	*731.45*	
		For Class 56 Rating, Add	*970.35*	
40 05 19 00-0080	EA	6" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,933.01	429.29
		For Class 52 Rating, Deduct	*-361.08*	
		For Class 54 Rating, Add	*500.19*	
		For Class 55 Rating, Add	*747.62*	
		For Class 56 Rating, Add	*991.77*	
40 05 19 00-0081	EA	6" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,010.94	433.27
		For Class 52 Rating, Deduct	*-368.99*	
		For Class 54 Rating, Add	*511.05*	
		For Class 55 Rating, Add	*763.80*	
		For Class 56 Rating, Add	*1,013.20*	
40 05 19 00-0082	EA	6" Flanged (FxF), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,088.86	437.24
		For Class 52 Rating, Deduct	*-376.90*	
		For Class 54 Rating, Add	*521.91*	
		For Class 55 Rating, Add	*779.98*	
		For Class 56 Rating, Add	*1,034.63*	
40 05 19 00-0083		8" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0002)*		
40 05 19 00-0084	EA	8" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,576.37	365.70
		For Class 52 Rating, Deduct	*-112.45*	
		For Class 54 Rating, Add	*159.99*	
		For Class 55 Rating, Add	*241.27*	
		For Class 56 Rating, Add	*321.52*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0085	EA	8" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,681.26	369.67
		For Class 52 Rating, Deduct	*-123.33*	
		For Class 54 Rating, Add	*174.89*	
		For Class 55 Rating, Add	*263.46*	
		For Class 56 Rating, Add	*350.90*	
40 05 19 00-0086	EA	8" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,786.14	373.64
		For Class 52 Rating, Deduct	*-134.20*	
		For Class 54 Rating, Add	*189.80*	
		For Class 55 Rating, Add	*285.65*	
		For Class 56 Rating, Add	*380.28*	
40 05 19 00-0087	EA	8" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,891.03	377.62
		For Class 52 Rating, Deduct	*-145.08*	
		For Class 54 Rating, Add	*204.70*	
		For Class 55 Rating, Add	*307.84*	
		For Class 56 Rating, Add	*409.66*	
40 05 19 00-0088	EA	8" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,995.91	381.59
		For Class 52 Rating, Deduct	*-155.95*	
		For Class 54 Rating, Add	*219.60*	
		For Class 55 Rating, Add	*330.03*	
		For Class 56 Rating, Add	*439.04*	
40 05 19 00-0089	EA	8" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,100.78	385.58
		For Class 52 Rating, Deduct	*-166.82*	
		For Class 54 Rating, Add	*234.50*	
		For Class 55 Rating, Add	*352.22*	
		For Class 56 Rating, Add	*468.42*	
40 05 19 00-0090	EA	8" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,205.67	389.55
		For Class 52 Rating, Deduct	*-177.70*	
		For Class 54 Rating, Add	*249.40*	
		For Class 55 Rating, Add	*374.41*	
		For Class 56 Rating, Add	*497.81*	
40 05 19 00-0091	EA	8" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,310.55	393.52
		For Class 52 Rating, Deduct	*-188.57*	
		For Class 54 Rating, Add	*264.30*	
		For Class 55 Rating, Add	*396.60*	
		For Class 56 Rating, Add	*527.19*	
40 05 19 00-0092	EA	8" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,415.44	397.50
		For Class 52 Rating, Deduct	*-199.45*	
		For Class 54 Rating, Add	*279.20*	
		For Class 55 Rating, Add	*418.79*	
		For Class 56 Rating, Add	*556.57*	
40 05 19 00-0093	EA	8" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,520.32	401.47
		For Class 52 Rating, Deduct	*-210.32*	
		For Class 54 Rating, Add	*294.10*	
		For Class 55 Rating, Add	*440.98*	
		For Class 56 Rating, Add	*585.95*	
40 05 19 00-0094	EA	8" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,625.21	405.44
		For Class 52 Rating, Deduct	*-221.20*	
		For Class 54 Rating, Add	*309.01*	
		For Class 55 Rating, Add	*463.17*	
		For Class 56 Rating, Add	*615.33*	
40 05 19 00-0095	EA	8" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,730.08	409.42
		For Class 52 Rating, Deduct	*-232.07*	
		For Class 54 Rating, Add	*323.91*	
		For Class 55 Rating, Add	*485.36*	
		For Class 56 Rating, Add	*644.71*	
40 05 19 00-0096	EA	8" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,834.96	413.40
		For Class 52 Rating, Deduct	*-242.95*	
		For Class 54 Rating, Add	*338.81*	
		For Class 55 Rating, Add	*507.55*	
		For Class 56 Rating, Add	*674.09*	
40 05 19 00-0097	EA	8" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,939.84	417.37
		For Class 52 Rating, Deduct	*-253.82*	
		For Class 54 Rating, Add	*353.71*	
		For Class 55 Rating, Add	*529.74*	
		For Class 56 Rating, Add	*703.47*	
40 05 19 00-0098	EA	8" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,044.73	421.35
		For Class 52 Rating, Deduct	*-264.70*	
		For Class 54 Rating, Add	*368.61*	
		For Class 55 Rating, Add	*551.93*	
		For Class 56 Rating, Add	*732.85*	
40 05 19 00-0099	EA	8" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,149.61	425.32
		For Class 52 Rating, Deduct	*-275.57*	
		For Class 54 Rating, Add	*383.51*	
		For Class 55 Rating, Add	*574.12*	
		For Class 56 Rating, Add	*762.23*	
40 05 19 00-0100	EA	8" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,254.48	429.29
		For Class 52 Rating, Deduct	*-286.44*	
		For Class 54 Rating, Add	*398.41*	
		For Class 55 Rating, Add	*596.31*	
		For Class 56 Rating, Add	*791.61*	
40 05 19 00-0101	EA	8" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,359.37	433.27
		For Class 52 Rating, Deduct	*-297.32*	
		For Class 54 Rating, Add	*413.31*	
		For Class 55 Rating, Add	*618.50*	
		For Class 56 Rating, Add	*820.99*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0102	EA	8" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,464.25	437.24
		For Class 52 Rating, Deduct	*-308.19*	
		For Class 54 Rating, Add	*428.21*	
		For Class 55 Rating, Add	*640.69*	
		For Class 56 Rating, Add	*850.37*	
40 05 19 00-0103	EA	8" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,569.14	441.23
		For Class 52 Rating, Deduct	*-319.07*	
		For Class 54 Rating, Add	*443.12*	
		For Class 55 Rating, Add	*662.88*	
		For Class 56 Rating, Add	*879.75*	
40 05 19 00-0104	EA	8" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,674.02	445.20
		For Class 52 Rating, Deduct	*-329.94*	
		For Class 54 Rating, Add	*458.02*	
		For Class 55 Rating, Add	*685.07*	
		For Class 56 Rating, Add	*909.13*	
40 05 19 00-0105	EA	8" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,778.91	449.17
		For Class 52 Rating, Deduct	*-340.82*	
		For Class 54 Rating, Add	*472.92*	
		For Class 55 Rating, Add	*707.26*	
		For Class 56 Rating, Add	*938.51*	
40 05 19 00-0106	EA	8" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,883.78	453.15
		For Class 52 Rating, Deduct	*-351.69*	
		For Class 54 Rating, Add	*487.82*	
		For Class 55 Rating, Add	*729.45*	
		For Class 56 Rating, Add	*967.89*	
40 05 19 00-0107	EA	8" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,988.67	457.12
		For Class 52 Rating, Deduct	*-362.57*	
		For Class 54 Rating, Add	*502.72*	
		For Class 55 Rating, Add	*751.64*	
		For Class 56 Rating, Add	*997.27*	
40 05 19 00-0108	EA	8" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,093.54	461.09
		For Class 52 Rating, Deduct	*-373.44*	
		For Class 54 Rating, Add	*517.62*	
		For Class 55 Rating, Add	*773.83*	
		For Class 56 Rating, Add	*1,026.65*	
40 05 19 00-0109	EA	8" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,198.42	465.07
		For Class 52 Rating, Deduct	*-384.31*	
		For Class 54 Rating, Add	*532.52*	
		For Class 55 Rating, Add	*796.02*	
		For Class 56 Rating, Add	*1,056.03*	
40 05 19 00-0110	EA	8" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,303.31	469.05
		For Class 52 Rating, Deduct	*-395.19*	
		For Class 54 Rating, Add	*547.42*	
		For Class 55 Rating, Add	*818.21*	
		For Class 56 Rating, Add	*1,085.41*	
40 05 19 00-0111	EA	8" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,408.18	473.02
		For Class 52 Rating, Deduct	*-406.06*	
		For Class 54 Rating, Add	*562.32*	
		For Class 55 Rating, Add	*840.40*	
		For Class 56 Rating, Add	*1,114.79*	
40 05 19 00-0112	EA	8" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,513.07	477.00
		For Class 52 Rating, Deduct	*-416.94*	
		For Class 54 Rating, Add	*577.23*	
		For Class 55 Rating, Add	*862.59*	
		For Class 56 Rating, Add	*1,144.17*	
40 05 19 00-0113	EA	8" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,617.95	480.97
		For Class 52 Rating, Deduct	*-427.81*	
		For Class 54 Rating, Add	*592.13*	
		For Class 55 Rating, Add	*884.78*	
		For Class 56 Rating, Add	*1,173.55*	
40 05 19 00-0114	EA	8" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,722.84	484.94
		For Class 52 Rating, Deduct	*-438.69*	
		For Class 54 Rating, Add	*607.03*	
		For Class 55 Rating, Add	*906.97*	
		For Class 56 Rating, Add	*1,202.93*	
40 05 19 00-0115	EA	8" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,827.72	488.92
		For Class 52 Rating, Deduct	*-449.56*	
		For Class 54 Rating, Add	*621.93*	
		For Class 55 Rating, Add	*929.16*	
		For Class 56 Rating, Add	*1,232.31*	
40 05 19 00-0116	EA	8" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,932.61	492.89
		For Class 52 Rating, Deduct	*-460.44*	
		For Class 54 Rating, Add	*636.83*	
		For Class 55 Rating, Add	*951.35*	
		For Class 56 Rating, Add	*1,261.69*	
40 05 19 00-0117	EA	8" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,037.48	496.87
		For Class 52 Rating, Deduct	*-471.31*	
		For Class 54 Rating, Add	*651.73*	
		For Class 55 Rating, Add	*973.54*	
		For Class 56 Rating, Add	*1,291.07*	
40 05 19 00-0118	EA	8" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,142.36	500.85
		For Class 52 Rating, Deduct	*-482.19*	
		For Class 54 Rating, Add	*666.63*	
		For Class 55 Rating, Add	*995.74*	
		For Class 56 Rating, Add	*1,320.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0119	EA	8" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,247.25	504.82
		For Class 52 Rating, Deduct	*-493.06*	
		For Class 54 Rating, Add	*681.53*	
		For Class 55 Rating, Add	*1,017.93*	
		For Class 56 Rating, Add	*1,349.83*	
40 05 19 00-0120	EA	8" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,352.13	508.80
		For Class 52 Rating, Deduct	*-503.94*	
		For Class 54 Rating, Add	*696.44*	
		For Class 55 Rating, Add	*1,040.12*	
		For Class 56 Rating, Add	*1,379.22*	
40 05 19 00-0121	EA	8" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,457.01	512.77
		For Class 52 Rating, Deduct	*-514.81*	
		For Class 54 Rating, Add	*711.34*	
		For Class 55 Rating, Add	*1,062.30*	
		For Class 56 Rating, Add	*1,408.59*	
40 05 19 00-0122	EA	8" Flanged (FxF), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,561.88	516.74
		For Class 52 Rating, Deduct	*-525.68*	
		For Class 54 Rating, Add	*726.24*	
		For Class 55 Rating, Add	*1,084.49*	
		For Class 56 Rating, Add	*1,437.97*	
40 05 19 00-0123		**10" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe** *(40 05 19 00-0002)*		
40 05 19 00-0124	EA	10" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,986.67	445.20
		For Class 52 Rating, Deduct	*-144.33*	
		For Class 54 Rating, Add	*204.91*	
		For Class 55 Rating, Add	*308.79*	
		For Class 56 Rating, Add	*411.36*	
40 05 19 00-0125	EA	10" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,123.02	449.17
		For Class 52 Rating, Deduct	*-158.67*	
		For Class 54 Rating, Add	*224.53*	
		For Class 55 Rating, Add	*338.00*	
		For Class 56 Rating, Add	*450.02*	
40 05 19 00-0126	EA	10" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,259.34	453.15
		For Class 52 Rating, Deduct	*-173.00*	
		For Class 54 Rating, Add	*244.15*	
		For Class 55 Rating, Add	*367.20*	
		For Class 56 Rating, Add	*488.68*	
40 05 19 00-0127	EA	10" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,395.68	457.12
		For Class 52 Rating, Deduct	*-187.34*	
		For Class 54 Rating, Add	*263.77*	
		For Class 55 Rating, Add	*396.41*	
		For Class 56 Rating, Add	*527.34*	
40 05 19 00-0128	EA	10" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,532.02	461.09
		For Class 52 Rating, Deduct	*-201.67*	
		For Class 54 Rating, Add	*283.39*	
		For Class 55 Rating, Add	*425.61*	
		For Class 56 Rating, Add	*566.00*	
40 05 19 00-0129	EA	10" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,668.35	465.07
		For Class 52 Rating, Deduct	*-216.01*	
		For Class 54 Rating, Add	*303.01*	
		For Class 55 Rating, Add	*454.82*	
		For Class 56 Rating, Add	*604.66*	
40 05 19 00-0130	EA	10" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,804.70	469.05
		For Class 52 Rating, Deduct	*-230.34*	
		For Class 54 Rating, Add	*322.63*	
		For Class 55 Rating, Add	*484.02*	
		For Class 56 Rating, Add	*643.32*	
40 05 19 00-0131	EA	10" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,941.02	473.02
		For Class 52 Rating, Deduct	*-244.68*	
		For Class 54 Rating, Add	*342.25*	
		For Class 55 Rating, Add	*513.23*	
		For Class 56 Rating, Add	*681.98*	
40 05 19 00-0132	EA	10" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,077.37	477.00
		For Class 52 Rating, Deduct	*-259.01*	
		For Class 54 Rating, Add	*361.87*	
		For Class 55 Rating, Add	*542.43*	
		For Class 56 Rating, Add	*720.64*	
40 05 19 00-0133	EA	10" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,213.70	480.97
		For Class 52 Rating, Deduct	*-273.35*	
		For Class 54 Rating, Add	*381.49*	
		For Class 55 Rating, Add	*571.64*	
		For Class 56 Rating, Add	*759.30*	
40 05 19 00-0134	EA	10" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,350.05	484.94
		For Class 52 Rating, Deduct	*-287.68*	
		For Class 54 Rating, Add	*401.11*	
		For Class 55 Rating, Add	*600.84*	
		For Class 56 Rating, Add	*797.96*	
40 05 19 00-0135	EA	10" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,486.38	488.92
		For Class 52 Rating, Deduct	*-302.01*	
		For Class 54 Rating, Add	*420.73*	
		For Class 55 Rating, Add	*630.05*	
		For Class 56 Rating, Add	*836.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0136	EA	10" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,622.72	492.89
		For Class 52 Rating, Deduct	*-316.35*	
		For Class 54 Rating, Add	*440.35*	
		For Class 55 Rating, Add	*659.25*	
		For Class 56 Rating, Add	*875.28*	
40 05 19 00-0137	EA	10" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,759.05	496.87
		For Class 52 Rating, Deduct	*-330.68*	
		For Class 54 Rating, Add	*459.97*	
		For Class 55 Rating, Add	*688.45*	
		For Class 56 Rating, Add	*913.94*	
40 05 19 00-0138	EA	10" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,895.38	500.85
		For Class 52 Rating, Deduct	*-345.02*	
		For Class 54 Rating, Add	*479.59*	
		For Class 55 Rating, Add	*717.66*	
		For Class 56 Rating, Add	*952.59*	
40 05 19 00-0139	EA	10" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,031.73	504.82
		For Class 52 Rating, Deduct	*-359.35*	
		For Class 54 Rating, Add	*499.21*	
		For Class 55 Rating, Add	*746.86*	
		For Class 56 Rating, Add	*991.26*	
40 05 19 00-0140	EA	10" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,168.06	508.80
		For Class 52 Rating, Deduct	*-373.69*	
		For Class 54 Rating, Add	*518.82*	
		For Class 55 Rating, Add	*776.07*	
		For Class 56 Rating, Add	*1,029.91*	
40 05 19 00-0141	EA	10" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,304.41	512.77
		For Class 52 Rating, Deduct	*-388.02*	
		For Class 54 Rating, Add	*538.45*	
		For Class 55 Rating, Add	*805.27*	
		For Class 56 Rating, Add	*1,068.58*	
40 05 19 00-0142	EA	10" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,440.73	516.74
		For Class 52 Rating, Deduct	*-402.36*	
		For Class 54 Rating, Add	*558.06*	
		For Class 55 Rating, Add	*834.48*	
		For Class 56 Rating, Add	*1,107.23*	
40 05 19 00-0143	EA	10" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,577.07	520.72
		For Class 52 Rating, Deduct	*-416.69*	
		For Class 54 Rating, Add	*577.68*	
		For Class 55 Rating, Add	*863.68*	
		For Class 56 Rating, Add	*1,145.89*	
40 05 19 00-0144	EA	10" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,713.41	524.70
		For Class 52 Rating, Deduct	*-431.03*	
		For Class 54 Rating, Add	*597.30*	
		For Class 55 Rating, Add	*892.89*	
		For Class 56 Rating, Add	*1,184.55*	
40 05 19 00-0145	EA	10" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,849.75	528.67
		For Class 52 Rating, Deduct	*-445.36*	
		For Class 54 Rating, Add	*616.92*	
		For Class 55 Rating, Add	*922.09*	
		For Class 56 Rating, Add	*1,223.21*	
40 05 19 00-0146	EA	10" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,986.09	532.65
		For Class 52 Rating, Deduct	*-459.70*	
		For Class 54 Rating, Add	*636.54*	
		For Class 55 Rating, Add	*951.30*	
		For Class 56 Rating, Add	*1,261.87*	
40 05 19 00-0147	EA	10" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,122.43	536.62
		For Class 52 Rating, Deduct	*-474.03*	
		For Class 54 Rating, Add	*656.16*	
		For Class 55 Rating, Add	*980.50*	
		For Class 56 Rating, Add	*1,300.53*	
40 05 19 00-0148	EA	10" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,258.76	540.59
		For Class 52 Rating, Deduct	*-488.36*	
		For Class 54 Rating, Add	*675.78*	
		For Class 55 Rating, Add	*1,009.71*	
		For Class 56 Rating, Add	*1,339.19*	
40 05 19 00-0149	EA	10" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,395.09	544.57
		For Class 52 Rating, Deduct	*-502.70*	
		For Class 54 Rating, Add	*695.40*	
		For Class 55 Rating, Add	*1,038.91*	
		For Class 56 Rating, Add	*1,377.85*	
40 05 19 00-0150	EA	10" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,531.44	548.54
		For Class 52 Rating, Deduct	*-517.03*	
		For Class 54 Rating, Add	*715.02*	
		For Class 55 Rating, Add	*1,068.12*	
		For Class 56 Rating, Add	*1,416.51*	
40 05 19 00-0151	EA	10" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,667.77	552.52
		For Class 52 Rating, Deduct	*-531.37*	
		For Class 54 Rating, Add	*734.64*	
		For Class 55 Rating, Add	*1,097.32*	
		For Class 56 Rating, Add	*1,455.17*	
40 05 19 00-0152	EA	10" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,804.11	556.50
		For Class 52 Rating, Deduct	*-545.70*	
		For Class 54 Rating, Add	*754.26*	
		For Class 55 Rating, Add	*1,126.52*	
		For Class 56 Rating, Add	*1,493.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0153	EA	10" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,940.44	560.47
		For Class 52 Rating, Deduct	*-560.04*	
		For Class 54 Rating, Add	*773.88*	
		For Class 55 Rating, Add	*1,155.73*	
		For Class 56 Rating, Add	*1,532.49*	
40 05 19 00-0154	EA	10" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,076.78	564.45
		For Class 52 Rating, Deduct	*-574.37*	
		For Class 54 Rating, Add	*793.50*	
		For Class 55 Rating, Add	*1,184.93*	
		For Class 56 Rating, Add	*1,571.15*	
40 05 19 00-0155	EA	10" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,210.87	568.42
		For Class 52 Rating, Deduct	*-588.46*	
		For Class 54 Rating, Add	*812.78*	
		For Class 55 Rating, Add	*1,213.64*	
		For Class 56 Rating, Add	*1,609.15*	
40 05 19 00-0156	EA	10" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,349.46	572.39
		For Class 52 Rating, Deduct	*-603.04*	
		For Class 54 Rating, Add	*832.74*	
		For Class 55 Rating, Add	*1,243.34*	
		For Class 56 Rating, Add	*1,648.47*	
40 05 19 00-0157	EA	10" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,485.80	576.37
		For Class 52 Rating, Deduct	*-617.38*	
		For Class 54 Rating, Add	*852.36*	
		For Class 55 Rating, Add	*1,272.55*	
		For Class 56 Rating, Add	*1,687.13*	
40 05 19 00-0158	EA	10" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,622.13	580.34
		For Class 52 Rating, Deduct	*-631.71*	
		For Class 54 Rating, Add	*871.97*	
		For Class 55 Rating, Add	*1,301.75*	
		For Class 56 Rating, Add	*1,725.79*	
40 05 19 00-0159	EA	10" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,758.47	584.32
		For Class 52 Rating, Deduct	*-646.05*	
		For Class 54 Rating, Add	*891.59*	
		For Class 55 Rating, Add	*1,330.96*	
		For Class 56 Rating, Add	*1,764.45*	
40 05 19 00-0160	EA	10" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,894.80	588.30
		For Class 52 Rating, Deduct	*-660.38*	
		For Class 54 Rating, Add	*911.21*	
		For Class 55 Rating, Add	*1,360.16*	
		For Class 56 Rating, Add	*1,803.11*	
40 05 19 00-0161	EA	10" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,031.14	592.27
		For Class 52 Rating, Deduct	*-674.71*	
		For Class 54 Rating, Add	*930.83*	
		For Class 55 Rating, Add	*1,389.37*	
		For Class 56 Rating, Add	*1,841.76*	
40 05 19 00-0162	EA	10" Flanged (FxF), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,167.48	596.24
		For Class 52 Rating, Deduct	*-689.05*	
		For Class 54 Rating, Add	*950.45*	
		For Class 55 Rating, Add	*1,418.57*	
		For Class 56 Rating, Add	*1,880.43*	

40 05 19 00-0163 12" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0002)*

40 05 19 00-0164	EA	12" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,600.18	556.50
		For Class 52 Rating, Deduct	*-193.27*	
		For Class 54 Rating, Add	*273.67*	
		For Class 55 Rating, Add	*412.05*	
		For Class 56 Rating, Add	*548.67*	
40 05 19 00-0165	EA	12" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,770.20	560.47
		For Class 52 Rating, Deduct	*-211.31*	
		For Class 54 Rating, Add	*298.34*	
		For Class 55 Rating, Add	*448.77*	
		For Class 56 Rating, Add	*597.27*	
40 05 19 00-0166	EA	12" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,940.25	564.45
		For Class 52 Rating, Deduct	*-229.35*	
		For Class 54 Rating, Add	*323.02*	
		For Class 55 Rating, Add	*485.49*	
		For Class 56 Rating, Add	*645.87*	
40 05 19 00-0167	EA	12" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,110.29	568.42
		For Class 52 Rating, Deduct	*-247.40*	
		For Class 54 Rating, Add	*347.69*	
		For Class 55 Rating, Add	*522.21*	
		For Class 56 Rating, Add	*694.47*	
40 05 19 00-0168	EA	12" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,280.33	572.39
		For Class 52 Rating, Deduct	*-265.44*	
		For Class 54 Rating, Add	*372.37*	
		For Class 55 Rating, Add	*558.93*	
		For Class 56 Rating, Add	*743.07*	
40 05 19 00-0169	EA	12" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,450.37	576.37
		For Class 52 Rating, Deduct	*-283.48*	
		For Class 54 Rating, Add	*397.04*	
		For Class 55 Rating, Add	*595.65*	
		For Class 56 Rating, Add	*791.68*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0170	EA	12" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,620.41	580.34
		For Class 52 Rating, Deduct	*-301.52*	
		For Class 54 Rating, Add	*421.72*	
		For Class 55 Rating, Add	*632.37*	
		For Class 56 Rating, Add	*840.28*	
40 05 19 00-0171	EA	12" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,790.44	584.32
		For Class 52 Rating, Deduct	*-319.56*	
		For Class 54 Rating, Add	*446.39*	
		For Class 55 Rating, Add	*669.09*	
		For Class 56 Rating, Add	*888.88*	
40 05 19 00-0172	EA	12" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,960.48	588.30
		For Class 52 Rating, Deduct	*-337.60*	
		For Class 54 Rating, Add	*471.07*	
		For Class 55 Rating, Add	*705.81*	
		For Class 56 Rating, Add	*937.48*	
40 05 19 00-0173	EA	12" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,130.53	592.27
		For Class 52 Rating, Deduct	*-355.65*	
		For Class 54 Rating, Add	*495.74*	
		For Class 55 Rating, Add	*742.53*	
		For Class 56 Rating, Add	*986.08*	
40 05 19 00-0174	EA	12" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,300.56	596.24
		For Class 52 Rating, Deduct	*-373.69*	
		For Class 54 Rating, Add	*520.41*	
		For Class 55 Rating, Add	*779.25*	
		For Class 56 Rating, Add	*1,034.68*	
40 05 19 00-0175	EA	12" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,470.61	600.22
		For Class 52 Rating, Deduct	*-391.73*	
		For Class 54 Rating, Add	*545.09*	
		For Class 55 Rating, Add	*815.97*	
		For Class 56 Rating, Add	*1,083.29*	
40 05 19 00-0176	EA	12" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,640.63	604.19
		For Class 52 Rating, Deduct	*-409.77*	
		For Class 54 Rating, Add	*569.76*	
		For Class 55 Rating, Add	*852.69*	
		For Class 56 Rating, Add	*1,131.89*	
40 05 19 00-0177	EA	12" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,810.68	608.16
		For Class 52 Rating, Deduct	*-427.81*	
		For Class 54 Rating, Add	*594.44*	
		For Class 55 Rating, Add	*889.41*	
		For Class 56 Rating, Add	*1,180.49*	
40 05 19 00-0178	EA	12" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,980.72	612.15
		For Class 52 Rating, Deduct	*-445.86*	
		For Class 54 Rating, Add	*619.11*	
		For Class 55 Rating, Add	*926.13*	
		For Class 56 Rating, Add	*1,229.09*	
40 05 19 00-0179	EA	12" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,150.75	616.12
		For Class 52 Rating, Deduct	*-463.90*	
		For Class 54 Rating, Add	*643.79*	
		For Class 55 Rating, Add	*962.85*	
		For Class 56 Rating, Add	*1,277.69*	
40 05 19 00-0180	EA	12" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,320.80	620.10
		For Class 52 Rating, Deduct	*-481.94*	
		For Class 54 Rating, Add	*668.46*	
		For Class 55 Rating, Add	*999.57*	
		For Class 56 Rating, Add	*1,326.30*	
40 05 19 00-0181	EA	12" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,490.84	624.07
		For Class 52 Rating, Deduct	*-499.98*	
		For Class 54 Rating, Add	*693.14*	
		For Class 55 Rating, Add	*1,036.29*	
		For Class 56 Rating, Add	*1,374.90*	
40 05 19 00-0182	EA	12" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,660.87	628.04
		For Class 52 Rating, Deduct	*-518.02*	
		For Class 54 Rating, Add	*717.81*	
		For Class 55 Rating, Add	*1,073.01*	
		For Class 56 Rating, Add	*1,423.50*	
40 05 19 00-0183	EA	12" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,830.91	632.02
		For Class 52 Rating, Deduct	*-536.06*	
		For Class 54 Rating, Add	*742.49*	
		For Class 55 Rating, Add	*1,109.73*	
		For Class 56 Rating, Add	*1,472.10*	
40 05 19 00-0184	EA	12" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,000.96	635.99
		For Class 52 Rating, Deduct	*-554.11*	
		For Class 54 Rating, Add	*767.16*	
		For Class 55 Rating, Add	*1,146.45*	
		For Class 56 Rating, Add	*1,520.70*	
40 05 19 00-0185	EA	12" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,170.99	639.97
		For Class 52 Rating, Deduct	*-572.15*	
		For Class 54 Rating, Add	*791.84*	
		For Class 55 Rating, Add	*1,183.17*	
		For Class 56 Rating, Add	*1,569.30*	
40 05 19 00-0186	EA	12" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,341.04	643.95
		For Class 52 Rating, Deduct	*-590.19*	
		For Class 54 Rating, Add	*816.51*	
		For Class 55 Rating, Add	*1,219.89*	
		For Class 56 Rating, Add	*1,617.91*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0187	EA	12" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,511.06	647.92
		For Class 52 Rating, Deduct	*-608.23*	
		For Class 54 Rating, Add	*841.19*	
		For Class 55 Rating, Add	*1,256.61*	
		For Class 56 Rating, Add	*1,666.50*	
40 05 19 00-0188	EA	12" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,681.11	651.89
		For Class 52 Rating, Deduct	*-626.27*	
		For Class 54 Rating, Add	*865.86*	
		For Class 55 Rating, Add	*1,293.33*	
		For Class 56 Rating, Add	*1,715.11*	
40 05 19 00-0189	EA	12" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,851.15	655.87
		For Class 52 Rating, Deduct	*-644.32*	
		For Class 54 Rating, Add	*890.54*	
		For Class 55 Rating, Add	*1,330.05*	
		For Class 56 Rating, Add	*1,763.71*	
40 05 19 00-0190	EA	12" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,021.18	659.84
		For Class 52 Rating, Deduct	*-662.36*	
		For Class 54 Rating, Add	*915.21*	
		For Class 55 Rating, Add	*1,366.77*	
		For Class 56 Rating, Add	*1,812.31*	
40 05 19 00-0191	EA	12" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,191.23	663.81
		For Class 52 Rating, Deduct	*-680.40*	
		For Class 54 Rating, Add	*939.89*	
		For Class 55 Rating, Add	*1,403.49*	
		For Class 56 Rating, Add	*1,860.91*	
40 05 19 00-0192	EA	12" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,361.27	667.80
		For Class 52 Rating, Deduct	*-698.44*	
		For Class 54 Rating, Add	*964.56*	
		For Class 55 Rating, Add	*1,440.21*	
		For Class 56 Rating, Add	*1,909.52*	
40 05 19 00-0193	EA	12" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,531.30	671.77
		For Class 52 Rating, Deduct	*-716.48*	
		For Class 54 Rating, Add	*989.23*	
		For Class 55 Rating, Add	*1,476.93*	
		For Class 56 Rating, Add	*1,958.12*	
40 05 19 00-0194	EA	12" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,701.34	675.75
		For Class 52 Rating, Deduct	*-734.52*	
		For Class 54 Rating, Add	*1,013.91*	
		For Class 55 Rating, Add	*1,513.65*	
		For Class 56 Rating, Add	*2,006.72*	
40 05 19 00-0195	EA	12" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,871.39	679.72
		For Class 52 Rating, Deduct	*-752.57*	
		For Class 54 Rating, Add	*1,038.59*	
		For Class 55 Rating, Add	*1,550.37*	
		For Class 56 Rating, Add	*2,055.32*	
40 05 19 00-0196	EA	12" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,041.42	683.69
		For Class 52 Rating, Deduct	*-770.61*	
		For Class 54 Rating, Add	*1,063.26*	
		For Class 55 Rating, Add	*1,587.09*	
		For Class 56 Rating, Add	*2,103.92*	
40 05 19 00-0197	EA	12" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,211.47	687.67
		For Class 52 Rating, Deduct	*-788.65*	
		For Class 54 Rating, Add	*1,087.93*	
		For Class 55 Rating, Add	*1,623.81*	
		For Class 56 Rating, Add	*2,152.52*	
40 05 19 00-0198	EA	12" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,381.50	691.64
		For Class 52 Rating, Deduct	*-806.69*	
		For Class 54 Rating, Add	*1,112.61*	
		For Class 55 Rating, Add	*1,660.53*	
		For Class 56 Rating, Add	*2,201.13*	
40 05 19 00-0199	EA	12" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,551.53	695.62
		For Class 52 Rating, Deduct	*-824.73*	
		For Class 54 Rating, Add	*1,137.28*	
		For Class 55 Rating, Add	*1,697.25*	
		For Class 56 Rating, Add	*2,249.73*	
40 05 19 00-0200	EA	12" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,721.58	699.60
		For Class 52 Rating, Deduct	*-842.77*	
		For Class 54 Rating, Add	*1,161.96*	
		For Class 55 Rating, Add	*1,733.97*	
		For Class 56 Rating, Add	*2,298.33*	
40 05 19 00-0201	EA	12" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,891.61	703.57
		For Class 52 Rating, Deduct	*-860.82*	
		For Class 54 Rating, Add	*1,186.63*	
		For Class 55 Rating, Add	*1,770.69*	
		For Class 56 Rating, Add	*2,346.93*	
40 05 19 00-0202	EA	12" Flanged (FxF), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,061.66	707.54
		For Class 52 Rating, Deduct	*-878.86*	
		For Class 54 Rating, Add	*1,211.31*	
		For Class 55 Rating, Add	*1,807.41*	
		For Class 56 Rating, Add	*2,395.53*	

40 05 19 00-0203 14" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0002)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0204	EA	14" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,472.06	667.80
		For Class 52 Rating, Deduct	*-270.63*	
		For Class 54 Rating, Add	*381.18*	
		For Class 55 Rating, Add	*572.92*	
		For Class 56 Rating, Add	*762.20*	
40 05 19 00-0205	EA	14" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,678.04	671.77
		For Class 52 Rating, Deduct	*-292.62*	
		For Class 54 Rating, Add	*411.25*	
		For Class 55 Rating, Add	*617.65*	
		For Class 56 Rating, Add	*821.40*	
40 05 19 00-0206	EA	14" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,884.03	675.75
		For Class 52 Rating, Deduct	*-314.62*	
		For Class 54 Rating, Add	*441.31*	
		For Class 55 Rating, Add	*662.39*	
		For Class 56 Rating, Add	*880.61*	
40 05 19 00-0207	EA	14" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,090.02	679.72
		For Class 52 Rating, Deduct	*-336.62*	
		For Class 54 Rating, Add	*471.38*	
		For Class 55 Rating, Add	*707.13*	
		For Class 56 Rating, Add	*939.82*	
40 05 19 00-0208	EA	14" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,296.01	683.69
		For Class 52 Rating, Deduct	*-358.61*	
		For Class 54 Rating, Add	*501.45*	
		For Class 55 Rating, Add	*751.87*	
		For Class 56 Rating, Add	*999.02*	
40 05 19 00-0209	EA	14" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,502.00	687.67
		For Class 52 Rating, Deduct	*-380.61*	
		For Class 54 Rating, Add	*531.51*	
		For Class 55 Rating, Add	*796.60*	
		For Class 56 Rating, Add	*1,058.23*	
40 05 19 00-0210	EA	14" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,707.98	691.64
		For Class 52 Rating, Deduct	*-402.60*	
		For Class 54 Rating, Add	*561.58*	
		For Class 55 Rating, Add	*841.34*	
		For Class 56 Rating, Add	*1,117.44*	
40 05 19 00-0211	EA	14" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,913.96	695.62
		For Class 52 Rating, Deduct	*-424.60*	
		For Class 54 Rating, Add	*591.65*	
		For Class 55 Rating, Add	*886.08*	
		For Class 56 Rating, Add	*1,176.64*	
40 05 19 00-0212	EA	14" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,119.96	699.60
		For Class 52 Rating, Deduct	*-446.60*	
		For Class 54 Rating, Add	*621.72*	
		For Class 55 Rating, Add	*930.81*	
		For Class 56 Rating, Add	*1,235.85*	
40 05 19 00-0213	EA	14" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,325.94	703.57
		For Class 52 Rating, Deduct	*-468.59*	
		For Class 54 Rating, Add	*651.78*	
		For Class 55 Rating, Add	*975.55*	
		For Class 56 Rating, Add	*1,295.06*	
40 05 19 00-0214	EA	14" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,531.94	707.54
		For Class 52 Rating, Deduct	*-490.59*	
		For Class 54 Rating, Add	*681.85*	
		For Class 55 Rating, Add	*1,020.29*	
		For Class 56 Rating, Add	*1,354.26*	
40 05 19 00-0215	EA	14" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,737.92	711.52
		For Class 52 Rating, Deduct	*-512.58*	
		For Class 54 Rating, Add	*711.92*	
		For Class 55 Rating, Add	*1,065.02*	
		For Class 56 Rating, Add	*1,413.47*	
40 05 19 00-0216	EA	14" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,943.91	715.49
		For Class 52 Rating, Deduct	*-534.58*	
		For Class 54 Rating, Add	*741.98*	
		For Class 55 Rating, Add	*1,109.76*	
		For Class 56 Rating, Add	*1,472.68*	
40 05 19 00-0217	EA	14" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,149.89	719.46
		For Class 52 Rating, Deduct	*-556.58*	
		For Class 54 Rating, Add	*772.05*	
		For Class 55 Rating, Add	*1,154.50*	
		For Class 56 Rating, Add	*1,531.88*	
40 05 19 00-0218	EA	14" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,355.89	723.45
		For Class 52 Rating, Deduct	*-578.57*	
		For Class 54 Rating, Add	*802.12*	
		For Class 55 Rating, Add	*1,199.23*	
		For Class 56 Rating, Add	*1,591.09*	
40 05 19 00-0219	EA	14" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,561.87	727.42
		For Class 52 Rating, Deduct	*-600.57*	
		For Class 54 Rating, Add	*832.18*	
		For Class 55 Rating, Add	*1,243.97*	
		For Class 56 Rating, Add	*1,650.29*	
40 05 19 00-0220	EA	14" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,767.86	731.39
		For Class 52 Rating, Deduct	*-622.57*	
		For Class 54 Rating, Add	*862.25*	
		For Class 55 Rating, Add	*1,288.71*	
		For Class 56 Rating, Add	*1,709.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0221	EA	14" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,973.84	735.37
		For Class 52 Rating, Deduct	*-644.56*	
		For Class 54 Rating, Add	*892.32*	
		For Class 55 Rating, Add	*1,333.44*	
		For Class 56 Rating, Add	*1,768.71*	
40 05 19 00-0222	EA	14" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,179.83	739.34
		For Class 52 Rating, Deduct	*-666.56*	
		For Class 54 Rating, Add	*922.39*	
		For Class 55 Rating, Add	*1,378.18*	
		For Class 56 Rating, Add	*1,827.92*	
40 05 19 00-0223	EA	14" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,385.82	743.32
		For Class 52 Rating, Deduct	*-688.55*	
		For Class 54 Rating, Add	*952.45*	
		For Class 55 Rating, Add	*1,422.92*	
		For Class 56 Rating, Add	*1,887.12*	
40 05 19 00-0224	EA	14" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,591.81	747.29
		For Class 52 Rating, Deduct	*-710.55*	
		For Class 54 Rating, Add	*982.52*	
		For Class 55 Rating, Add	*1,467.65*	
		For Class 56 Rating, Add	*1,946.33*	
40 05 19 00-0225	EA	14" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,797.81	751.27
		For Class 52 Rating, Deduct	*-732.55*	
		For Class 54 Rating, Add	*1,012.59*	
		For Class 55 Rating, Add	*1,512.39*	
		For Class 56 Rating, Add	*2,005.54*	
40 05 19 00-0226	EA	14" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,003.79	755.25
		For Class 52 Rating, Deduct	*-754.54*	
		For Class 54 Rating, Add	*1,042.65*	
		For Class 55 Rating, Add	*1,557.13*	
		For Class 56 Rating, Add	*2,064.74*	
40 05 19 00-0227	EA	14" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,209.78	759.22
		For Class 52 Rating, Deduct	*-776.54*	
		For Class 54 Rating, Add	*1,072.72*	
		For Class 55 Rating, Add	*1,601.87*	
		For Class 56 Rating, Add	*2,123.95*	
40 05 19 00-0228	EA	14" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,415.76	763.19
		For Class 52 Rating, Deduct	*-798.54*	
		For Class 54 Rating, Add	*1,102.79*	
		For Class 55 Rating, Add	*1,646.60*	
		For Class 56 Rating, Add	*2,183.15*	
40 05 19 00-0229	EA	14" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,621.76	767.17
		For Class 52 Rating, Deduct	*-820.53*	
		For Class 54 Rating, Add	*1,132.86*	
		For Class 55 Rating, Add	*1,691.34*	
		For Class 56 Rating, Add	*2,242.36*	
40 05 19 00-0230	EA	14" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,827.74	771.14
		For Class 52 Rating, Deduct	*-842.53*	
		For Class 54 Rating, Add	*1,162.92*	
		For Class 55 Rating, Add	*1,736.07*	
		For Class 56 Rating, Add	*2,301.57*	
40 05 19 00-0231	EA	14" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,033.73	775.11
		For Class 52 Rating, Deduct	*-864.52*	
		For Class 54 Rating, Add	*1,192.99*	
		For Class 55 Rating, Add	*1,780.81*	
		For Class 56 Rating, Add	*2,360.78*	
40 05 19 00-0232	EA	14" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,239.71	779.10
		For Class 52 Rating, Deduct	*-886.52*	
		For Class 54 Rating, Add	*1,223.06*	
		For Class 55 Rating, Add	*1,825.55*	
		For Class 56 Rating, Add	*2,419.98*	
40 05 19 00-0233	EA	14" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,445.70	783.07
		For Class 52 Rating, Deduct	*-908.52*	
		For Class 54 Rating, Add	*1,253.12*	
		For Class 55 Rating, Add	*1,870.29*	
		For Class 56 Rating, Add	*2,479.19*	
40 05 19 00-0234	EA	14" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,651.69	787.04
		For Class 52 Rating, Deduct	*-930.51*	
		For Class 54 Rating, Add	*1,283.19*	
		For Class 55 Rating, Add	*1,915.02*	
		For Class 56 Rating, Add	*2,538.39*	
40 05 19 00-0235	EA	14" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,857.68	791.02
		For Class 52 Rating, Deduct	*-952.51*	
		For Class 54 Rating, Add	*1,313.26*	
		For Class 55 Rating, Add	*1,959.76*	
		For Class 56 Rating, Add	*2,597.60*	
40 05 19 00-0236	EA	14" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,063.67	794.99
		For Class 52 Rating, Deduct	*-974.50*	
		For Class 54 Rating, Add	*1,343.32*	
		For Class 55 Rating, Add	*2,004.49*	
		For Class 56 Rating, Add	*2,656.81*	
40 05 19 00-0237	EA	14" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,269.66	798.97
		For Class 52 Rating, Deduct	*-996.50*	
		For Class 54 Rating, Add	*1,373.39*	
		For Class 55 Rating, Add	*2,049.23*	
		For Class 56 Rating, Add	*2,716.01*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0238	EA	14" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,475.64	802.94
		For Class 52 Rating, Deduct	*-1,018.50*	
		For Class 54 Rating, Add	*1,403.46*	
		For Class 55 Rating, Add	*2,093.97*	
		For Class 56 Rating, Add	*2,775.22*	
40 05 19 00-0239	EA	14" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,681.63	806.91
		For Class 52 Rating, Deduct	*-1,040.49*	
		For Class 54 Rating, Add	*1,433.53*	
		For Class 55 Rating, Add	*2,138.71*	
		For Class 56 Rating, Add	*2,834.43*	
40 05 19 00-0240	EA	14" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,887.61	810.90
		For Class 52 Rating, Deduct	*-1,062.49*	
		For Class 54 Rating, Add	*1,463.59*	
		For Class 55 Rating, Add	*2,183.44*	
		For Class 56 Rating, Add	*2,893.63*	
40 05 19 00-0241	EA	14" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,093.61	814.87
		For Class 52 Rating, Deduct	*-1,084.49*	
		For Class 54 Rating, Add	*1,493.66*	
		For Class 55 Rating, Add	*2,228.18*	
		For Class 56 Rating, Add	*2,952.84*	
40 05 19 00-0242		16" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0002)*		
40 05 19 00-0243	EA	16" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,072.70	763.19
		For Class 52 Rating, Deduct	*-320.80*	
		For Class 54 Rating, Add	*451.33*	
		For Class 55 Rating, Add	*678.10*	
		For Class 56 Rating, Add	*901.95*	
40 05 19 00-0244	EA	16" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,312.39	767.17
		For Class 52 Rating, Deduct	*-346.50*	
		For Class 54 Rating, Add	*486.45*	
		For Class 55 Rating, Add	*730.35*	
		For Class 56 Rating, Add	*971.10*	
40 05 19 00-0245	EA	16" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,552.08	771.14
		For Class 52 Rating, Deduct	*-372.20*	
		For Class 54 Rating, Add	*521.57*	
		For Class 55 Rating, Add	*782.60*	
		For Class 56 Rating, Add	*1,040.25*	
40 05 19 00-0246	EA	16" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,791.77	775.11
		For Class 52 Rating, Deduct	*-397.91*	
		For Class 54 Rating, Add	*556.70*	
		For Class 55 Rating, Add	*834.86*	
		For Class 56 Rating, Add	*1,109.40*	
40 05 19 00-0247	EA	16" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,031.46	779.10
		For Class 52 Rating, Deduct	*-423.61*	
		For Class 54 Rating, Add	*591.82*	
		For Class 55 Rating, Add	*887.11*	
		For Class 56 Rating, Add	*1,178.55*	
40 05 19 00-0248	EA	16" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,271.14	783.07
		For Class 52 Rating, Deduct	*-449.31*	
		For Class 54 Rating, Add	*626.94*	
		For Class 55 Rating, Add	*939.36*	
		For Class 56 Rating, Add	*1,247.69*	
40 05 19 00-0249	EA	16" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,510.84	787.04
		For Class 52 Rating, Deduct	*-475.02*	
		For Class 54 Rating, Add	*662.06*	
		For Class 55 Rating, Add	*991.61*	
		For Class 56 Rating, Add	*1,316.84*	
40 05 19 00-0250	EA	16" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,750.53	791.02
		For Class 52 Rating, Deduct	*-500.72*	
		For Class 54 Rating, Add	*697.19*	
		For Class 55 Rating, Add	*1,043.86*	
		For Class 56 Rating, Add	*1,385.99*	
40 05 19 00-0251	EA	16" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,990.22	794.99
		For Class 52 Rating, Deduct	*-526.42*	
		For Class 54 Rating, Add	*732.31*	
		For Class 55 Rating, Add	*1,096.12*	
		For Class 56 Rating, Add	*1,455.14*	
40 05 19 00-0252	EA	16" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,229.91	798.97
		For Class 52 Rating, Deduct	*-552.13*	
		For Class 54 Rating, Add	*767.43*	
		For Class 55 Rating, Add	*1,148.37*	
		For Class 56 Rating, Add	*1,524.29*	
40 05 19 00-0253	EA	16" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,469.60	802.94
		For Class 52 Rating, Deduct	*-577.83*	
		For Class 54 Rating, Add	*802.55*	
		For Class 55 Rating, Add	*1,200.62*	
		For Class 56 Rating, Add	*1,593.44*	
40 05 19 00-0254	EA	16" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,709.29	806.91
		For Class 52 Rating, Deduct	*-603.54*	
		For Class 54 Rating, Add	*837.67*	
		For Class 55 Rating, Add	*1,252.87*	
		For Class 56 Rating, Add	*1,662.59*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0255	EA	16" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,948.97	810.90
		For Class 52 Rating, Deduct	*-629.24*	
		For Class 54 Rating, Add	*872.80*	
		For Class 55 Rating, Add	*1,305.12*	
		For Class 56 Rating, Add	*1,731.73*	
40 05 19 00-0256	EA	16" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,188.67	814.87
		For Class 52 Rating, Deduct	*-654.94*	
		For Class 54 Rating, Add	*907.92*	
		For Class 55 Rating, Add	*1,357.38*	
		For Class 56 Rating, Add	*1,800.88*	
40 05 19 00-0257	EA	16" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,428.36	818.84
		For Class 52 Rating, Deduct	*-680.65*	
		For Class 54 Rating, Add	*943.04*	
		For Class 55 Rating, Add	*1,409.63*	
		For Class 56 Rating, Add	*1,870.03*	
40 05 19 00-0258	EA	16" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,668.04	822.82
		For Class 52 Rating, Deduct	*-706.35*	
		For Class 54 Rating, Add	*978.16*	
		For Class 55 Rating, Add	*1,461.88*	
		For Class 56 Rating, Add	*1,939.18*	
40 05 19 00-0259	EA	16" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,907.73	826.79
		For Class 52 Rating, Deduct	*-732.05*	
		For Class 54 Rating, Add	*1,013.29*	
		For Class 55 Rating, Add	*1,514.13*	
		For Class 56 Rating, Add	*2,008.33*	
40 05 19 00-0260	EA	16" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,147.43	830.76
		For Class 52 Rating, Deduct	*-757.76*	
		For Class 54 Rating, Add	*1,048.41*	
		For Class 55 Rating, Add	*1,566.39*	
		For Class 56 Rating, Add	*2,077.48*	
40 05 19 00-0261	EA	16" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,387.12	834.74
		For Class 52 Rating, Deduct	*-783.46*	
		For Class 54 Rating, Add	*1,083.53*	
		For Class 55 Rating, Add	*1,618.64*	
		For Class 56 Rating, Add	*2,146.63*	
40 05 19 00-0262	EA	16" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,626.81	838.72
		For Class 52 Rating, Deduct	*-809.16*	
		For Class 54 Rating, Add	*1,118.65*	
		For Class 55 Rating, Add	*1,670.89*	
		For Class 56 Rating, Add	*2,215.77*	
40 05 19 00-0263	EA	16" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,866.50	842.69
		For Class 52 Rating, Deduct	*-834.87*	
		For Class 54 Rating, Add	*1,153.78*	
		For Class 55 Rating, Add	*1,723.14*	
		For Class 56 Rating, Add	*2,284.92*	
40 05 19 00-0264	EA	16" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,106.18	846.67
		For Class 52 Rating, Deduct	*-860.57*	
		For Class 54 Rating, Add	*1,188.90*	
		For Class 55 Rating, Add	*1,775.40*	
		For Class 56 Rating, Add	*2,354.07*	
40 05 19 00-0265	EA	16" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,345.87	850.64
		For Class 52 Rating, Deduct	*-886.27*	
		For Class 54 Rating, Add	*1,224.02*	
		For Class 55 Rating, Add	*1,827.65*	
		For Class 56 Rating, Add	*2,423.22*	
40 05 19 00-0266	EA	16" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,585.56	854.62
		For Class 52 Rating, Deduct	*-911.98*	
		For Class 54 Rating, Add	*1,259.14*	
		For Class 55 Rating, Add	*1,879.90*	
		For Class 56 Rating, Add	*2,492.37*	
40 05 19 00-0267	EA	16" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,825.26	858.59
		For Class 52 Rating, Deduct	*-937.68*	
		For Class 54 Rating, Add	*1,294.26*	
		For Class 55 Rating, Add	*1,932.15*	
		For Class 56 Rating, Add	*2,561.52*	
40 05 19 00-0268	EA	16" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,064.95	862.56
		For Class 52 Rating, Deduct	*-963.38*	
		For Class 54 Rating, Add	*1,329.39*	
		For Class 55 Rating, Add	*1,984.41*	
		For Class 56 Rating, Add	*2,630.67*	
40 05 19 00-0269	EA	16" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,304.63	866.55
		For Class 52 Rating, Deduct	*-989.09*	
		For Class 54 Rating, Add	*1,364.51*	
		For Class 55 Rating, Add	*2,036.66*	
		For Class 56 Rating, Add	*2,699.81*	
40 05 19 00-0270	EA	16" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,544.32	870.52
		For Class 52 Rating, Deduct	*-1,014.79*	
		For Class 54 Rating, Add	*1,399.63*	
		For Class 55 Rating, Add	*2,088.91*	
		For Class 56 Rating, Add	*2,768.96*	
40 05 19 00-0271	EA	16" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,784.02	874.49
		For Class 52 Rating, Deduct	*-1,040.49*	
		For Class 54 Rating, Add	*1,434.75*	
		For Class 55 Rating, Add	*2,141.16*	
		For Class 56 Rating, Add	*2,838.11*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0272	EA	16" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,023.71	878.47
		For Class 52 Rating, Deduct	*-1,066.20*	
		For Class 54 Rating, Add	*1,469.88*	
		For Class 55 Rating, Add	*2,193.42*	
		For Class 56 Rating, Add	*2,907.26*	
40 05 19 00-0273	EA	16" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,263.40	882.44
		For Class 52 Rating, Deduct	*-1,091.90*	
		For Class 54 Rating, Add	*1,505.00*	
		For Class 55 Rating, Add	*2,245.67*	
		For Class 56 Rating, Add	*2,976.41*	
40 05 19 00-0274	EA	16" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,503.09	886.41
		For Class 52 Rating, Deduct	*-1,117.60*	
		For Class 54 Rating, Add	*1,540.12*	
		For Class 55 Rating, Add	*2,297.92*	
		For Class 56 Rating, Add	*3,045.56*	
40 05 19 00-0275	EA	16" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,742.77	890.39
		For Class 52 Rating, Deduct	*-1,143.31*	
		For Class 54 Rating, Add	*1,575.24*	
		For Class 55 Rating, Add	*2,350.17*	
		For Class 56 Rating, Add	*3,114.71*	
40 05 19 00-0276	EA	16" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,982.46	894.37
		For Class 52 Rating, Deduct	*-1,169.01*	
		For Class 54 Rating, Add	*1,610.37*	
		For Class 55 Rating, Add	*2,402.42*	
		For Class 56 Rating, Add	*3,183.85*	
40 05 19 00-0277	EA	16" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,222.15	898.34
		For Class 52 Rating, Deduct	*-1,194.71*	
		For Class 54 Rating, Add	*1,645.49*	
		For Class 55 Rating, Add	*2,454.68*	
		For Class 56 Rating, Add	*3,253.00*	
40 05 19 00-0278	EA	16" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,461.85	902.32
		For Class 52 Rating, Deduct	*-1,220.42*	
		For Class 54 Rating, Add	*1,680.61*	
		For Class 55 Rating, Add	*2,506.93*	
		For Class 56 Rating, Add	*3,322.15*	
40 05 19 00-0279	EA	16" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,701.54	906.29
		For Class 52 Rating, Deduct	*-1,246.12*	
		For Class 54 Rating, Add	*1,715.73*	
		For Class 55 Rating, Add	*2,559.18*	
		For Class 56 Rating, Add	*3,391.30*	
40 05 19 00-0280	EA	16" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,941.23	910.27
		For Class 52 Rating, Deduct	*-1,271.82*	
		For Class 54 Rating, Add	*1,750.85*	
		For Class 55 Rating, Add	*2,611.43*	
		For Class 56 Rating, Add	*3,460.45*	

40 05 19 00-0281 18" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0002)*

40 05 19 00-0282	EA	18" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,740.90	860.18
		For Class 52 Rating, Deduct	*-378.14*	
		For Class 54 Rating, Add	*531.28*	
		For Class 55 Rating, Add	*797.86*	
		For Class 56 Rating, Add	*1,061.01*	
40 05 19 00-0283	EA	18" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,016.55	864.16
		For Class 52 Rating, Deduct	*-407.79*	
		For Class 54 Rating, Add	*571.79*	
		For Class 55 Rating, Add	*858.13*	
		For Class 56 Rating, Add	*1,140.77*	
40 05 19 00-0284	EA	18" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,292.19	868.14
		For Class 52 Rating, Deduct	*-437.45*	
		For Class 54 Rating, Add	*612.31*	
		For Class 55 Rating, Add	*918.40*	
		For Class 56 Rating, Add	*1,220.52*	
40 05 19 00-0285	EA	18" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,567.83	872.11
		For Class 52 Rating, Deduct	*-467.11*	
		For Class 54 Rating, Add	*652.82*	
		For Class 55 Rating, Add	*978.67*	
		For Class 56 Rating, Add	*1,300.27*	
40 05 19 00-0286	EA	18" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,843.46	876.08
		For Class 52 Rating, Deduct	*-496.77*	
		For Class 54 Rating, Add	*693.34*	
		For Class 55 Rating, Add	*1,038.94*	
		For Class 56 Rating, Add	*1,380.03*	
40 05 19 00-0287	EA	18" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,119.10	880.06
		For Class 52 Rating, Deduct	*-526.42*	
		For Class 54 Rating, Add	*733.85*	
		For Class 55 Rating, Add	*1,099.21*	
		For Class 56 Rating, Add	*1,459.78*	
40 05 19 00-0288	EA	18" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,394.74	884.03
		For Class 52 Rating, Deduct	*-556.08*	
		For Class 54 Rating, Add	*774.37*	
		For Class 55 Rating, Add	*1,159.48*	
		For Class 56 Rating, Add	*1,539.53*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0289	EA	18" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,670.39	888.00
		For Class 52 Rating, Deduct	*-585.74*	
		For Class 54 Rating, Add	*814.88*	
		For Class 55 Rating, Add	*1,219.75*	
		For Class 56 Rating, Add	*1,619.29*	
40 05 19 00-0290	EA	18" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,946.02	891.99
		For Class 52 Rating, Deduct	*-615.40*	
		For Class 54 Rating, Add	*855.40*	
		For Class 55 Rating, Add	*1,280.02*	
		For Class 56 Rating, Add	*1,699.04*	
40 05 19 00-0291	EA	18" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,221.66	895.96
		For Class 52 Rating, Deduct	*-645.06*	
		For Class 54 Rating, Add	*895.91*	
		For Class 55 Rating, Add	*1,340.29*	
		For Class 56 Rating, Add	*1,778.79*	
40 05 19 00-0292	EA	18" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,497.29	899.93
		For Class 52 Rating, Deduct	*-674.71*	
		For Class 54 Rating, Add	*936.43*	
		For Class 55 Rating, Add	*1,400.55*	
		For Class 56 Rating, Add	*1,858.55*	
40 05 19 00-0293	EA	18" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,772.93	903.91
		For Class 52 Rating, Deduct	*-704.37*	
		For Class 54 Rating, Add	*976.94*	
		For Class 55 Rating, Add	*1,460.82*	
		For Class 56 Rating, Add	*1,938.30*	
40 05 19 00-0294	EA	18" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,048.58	907.88
		For Class 52 Rating, Deduct	*-734.03*	
		For Class 54 Rating, Add	*1,017.46*	
		For Class 55 Rating, Add	*1,521.09*	
		For Class 56 Rating, Add	*2,018.06*	
40 05 19 00-0295	EA	18" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,324.21	911.85
		For Class 52 Rating, Deduct	*-763.69*	
		For Class 54 Rating, Add	*1,057.97*	
		For Class 55 Rating, Add	*1,581.36*	
		For Class 56 Rating, Add	*2,097.81*	
40 05 19 00-0296	EA	18" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,599.86	915.83
		For Class 52 Rating, Deduct	*-793.35*	
		For Class 54 Rating, Add	*1,098.49*	
		For Class 55 Rating, Add	*1,641.63*	
		For Class 56 Rating, Add	*2,177.56*	
40 05 19 00-0297	EA	18" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,875.48	919.80
		For Class 52 Rating, Deduct	*-823.00*	
		For Class 54 Rating, Add	*1,139.00*	
		For Class 55 Rating, Add	*1,701.90*	
		For Class 56 Rating, Add	*2,257.31*	
40 05 19 00-0298	EA	18" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,151.13	923.79
		For Class 52 Rating, Deduct	*-852.66*	
		For Class 54 Rating, Add	*1,179.52*	
		For Class 55 Rating, Add	*1,762.17*	
		For Class 56 Rating, Add	*2,337.07*	
40 05 19 00-0299	EA	18" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,426.77	927.76
		For Class 52 Rating, Deduct	*-882.32*	
		For Class 54 Rating, Add	*1,220.03*	
		For Class 55 Rating, Add	*1,822.44*	
		For Class 56 Rating, Add	*2,416.82*	
40 05 19 00-0300	EA	18" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,702.41	931.73
		For Class 52 Rating, Deduct	*-911.98*	
		For Class 54 Rating, Add	*1,260.54*	
		For Class 55 Rating, Add	*1,882.71*	
		For Class 56 Rating, Add	*2,496.58*	
40 05 19 00-0301	EA	18" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,978.05	935.71
		For Class 52 Rating, Deduct	*-941.63*	
		For Class 54 Rating, Add	*1,301.06*	
		For Class 55 Rating, Add	*1,942.97*	
		For Class 56 Rating, Add	*2,576.33*	
40 05 19 00-0302	EA	18" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,253.68	939.68
		For Class 52 Rating, Deduct	*-971.29*	
		For Class 54 Rating, Add	*1,341.57*	
		For Class 55 Rating, Add	*2,003.24*	
		For Class 56 Rating, Add	*2,656.08*	
40 05 19 00-0303	EA	18" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,529.32	943.65
		For Class 52 Rating, Deduct	*-1,000.95*	
		For Class 54 Rating, Add	*1,382.09*	
		For Class 55 Rating, Add	*2,063.51*	
		For Class 56 Rating, Add	*2,735.84*	
40 05 19 00-0304	EA	18" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,804.96	947.63
		For Class 52 Rating, Deduct	*-1,030.61*	
		For Class 54 Rating, Add	*1,422.60*	
		For Class 55 Rating, Add	*2,123.78*	
		For Class 56 Rating, Add	*2,815.59*	
40 05 19 00-0305	EA	18" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,080.60	951.61
		For Class 52 Rating, Deduct	*-1,060.26*	
		For Class 54 Rating, Add	*1,463.12*	
		For Class 55 Rating, Add	*2,184.05*	
		For Class 56 Rating, Add	*2,895.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0306	EA	18" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,356.24	955.58
		For Class 52 Rating, Deduct	*-1,089.92*	
		For Class 54 Rating, Add	*1,503.63*	
		For Class 55 Rating, Add	*2,244.32*	
		For Class 56 Rating, Add	*2,975.10*	
40 05 19 00-0307	EA	18" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,631.88	959.56
		For Class 52 Rating, Deduct	*-1,119.58*	
		For Class 54 Rating, Add	*1,544.15*	
		For Class 55 Rating, Add	*2,304.59*	
		For Class 56 Rating, Add	*3,054.85*	
40 05 19 00-0308	EA	18" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,907.51	963.53
		For Class 52 Rating, Deduct	*-1,149.24*	
		For Class 54 Rating, Add	*1,584.66*	
		For Class 55 Rating, Add	*2,364.86*	
		For Class 56 Rating, Add	*3,134.60*	
40 05 19 00-0309	EA	18" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,183.16	967.50
		For Class 52 Rating, Deduct	*-1,178.90*	
		For Class 54 Rating, Add	*1,625.18*	
		For Class 55 Rating, Add	*2,425.13*	
		For Class 56 Rating, Add	*3,214.36*	
40 05 19 00-0310	EA	18" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,458.79	971.48
		For Class 52 Rating, Deduct	*-1,208.55*	
		For Class 54 Rating, Add	*1,665.69*	
		For Class 55 Rating, Add	*2,485.39*	
		For Class 56 Rating, Add	*3,294.11*	
40 05 19 00-0311	EA	18" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,734.43	975.45
		For Class 52 Rating, Deduct	*-1,238.21*	
		For Class 54 Rating, Add	*1,706.21*	
		For Class 55 Rating, Add	*2,545.66*	
		For Class 56 Rating, Add	*3,373.87*	
40 05 19 00-0312	EA	18" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,010.07	979.43
		For Class 52 Rating, Deduct	*-1,267.87*	
		For Class 54 Rating, Add	*1,746.72*	
		For Class 55 Rating, Add	*2,605.93*	
		For Class 56 Rating, Add	*3,453.62*	
40 05 19 00-0313	EA	18" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,285.71	983.41
		For Class 52 Rating, Deduct	*-1,297.53*	
		For Class 54 Rating, Add	*1,787.24*	
		For Class 55 Rating, Add	*2,666.20*	
		For Class 56 Rating, Add	*3,533.37*	
40 05 19 00-0314	EA	18" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,561.35	987.38
		For Class 52 Rating, Deduct	*-1,327.19*	
		For Class 54 Rating, Add	*1,827.75*	
		For Class 55 Rating, Add	*2,726.47*	
		For Class 56 Rating, Add	*3,613.13*	
40 05 19 00-0315	EA	18" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,836.98	991.36
		For Class 52 Rating, Deduct	*-1,356.84*	
		For Class 54 Rating, Add	*1,868.26*	
		For Class 55 Rating, Add	*2,786.74*	
		For Class 56 Rating, Add	*3,692.88*	
40 05 19 00-0316	EA	18" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,112.63	995.33
		For Class 52 Rating, Deduct	*-1,386.50*	
		For Class 54 Rating, Add	*1,908.78*	
		For Class 55 Rating, Add	*2,847.01*	
		For Class 56 Rating, Add	*3,772.63*	
40 05 19 00-0317	EA	18" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,388.26	999.30
		For Class 52 Rating, Deduct	*-1,416.16*	
		For Class 54 Rating, Add	*1,949.29*	
		For Class 55 Rating, Add	*2,907.28*	
		For Class 56 Rating, Add	*3,852.38*	
40 05 19 00-0318	EA	18" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,663.91	1,003.28
		For Class 52 Rating, Deduct	*-1,445.82*	
		For Class 54 Rating, Add	*1,989.81*	
		For Class 55 Rating, Add	*2,967.55*	
		For Class 56 Rating, Add	*3,932.14*	
40 05 19 00-0319	EA	18" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,939.54	1,007.26
		For Class 52 Rating, Deduct	*-1,475.47*	
		For Class 54 Rating, Add	*2,030.32*	
		For Class 55 Rating, Add	*3,027.82*	
		For Class 56 Rating, Add	*4,011.89*	
40 05 19 00-0320		20" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0002)*		
40 05 19 00-0321	EA	20" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,552.06	981.82
		For Class 52 Rating, Deduct	*-447.09*	
		For Class 54 Rating, Add	*627.52*	
		For Class 55 Rating, Add	*942.08*	
		For Class 56 Rating, Add	*1,252.57*	
40 05 19 00-0322	EA	20" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,868.14	985.79
		For Class 52 Rating, Deduct	*-481.20*	
		For Class 54 Rating, Add	*674.10*	
		For Class 55 Rating, Add	*1,011.36*	
		For Class 56 Rating, Add	*1,344.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0323	EA	20" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,184.23	989.77
		For Class 52 Rating, Deduct	*-515.30*	
		For Class 54 Rating, Add	*720.68*	
		For Class 55 Rating, Add	*1,080.65*	
		For Class 56 Rating, Add	*1,435.94*	
40 05 19 00-0324	EA	20" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,500.31	993.74
		For Class 52 Rating, Deduct	*-549.41*	
		For Class 54 Rating, Add	*767.26*	
		For Class 55 Rating, Add	*1,149.94*	
		For Class 56 Rating, Add	*1,527.62*	
40 05 19 00-0325	EA	20" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,816.39	997.71
		For Class 52 Rating, Deduct	*-583.52*	
		For Class 54 Rating, Add	*813.84*	
		For Class 55 Rating, Add	*1,219.23*	
		For Class 56 Rating, Add	*1,619.30*	
40 05 19 00-0326	EA	20" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,132.46	1,001.69
		For Class 52 Rating, Deduct	*-617.62*	
		For Class 54 Rating, Add	*860.43*	
		For Class 55 Rating, Add	*1,288.51*	
		For Class 56 Rating, Add	*1,710.99*	
40 05 19 00-0327	EA	20" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,448.54	1,005.67
		For Class 52 Rating, Deduct	*-651.73*	
		For Class 54 Rating, Add	*907.01*	
		For Class 55 Rating, Add	*1,357.80*	
		For Class 56 Rating, Add	*1,802.67*	
40 05 19 00-0328	EA	20" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,764.63	1,009.64
		For Class 52 Rating, Deduct	*-685.84*	
		For Class 54 Rating, Add	*953.59*	
		For Class 55 Rating, Add	*1,427.09*	
		For Class 56 Rating, Add	*1,894.36*	
40 05 19 00-0329	EA	20" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,080.71	1,013.62
		For Class 52 Rating, Deduct	*-719.94*	
		For Class 54 Rating, Add	*1,000.17*	
		For Class 55 Rating, Add	*1,496.38*	
		For Class 56 Rating, Add	*1,986.04*	
40 05 19 00-0330	EA	20" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,396.80	1,017.59
		For Class 52 Rating, Deduct	*-754.05*	
		For Class 54 Rating, Add	*1,046.75*	
		For Class 55 Rating, Add	*1,565.67*	
		For Class 56 Rating, Add	*2,077.73*	
40 05 19 00-0331	EA	20" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,712.87	1,021.56
		For Class 52 Rating, Deduct	*-788.16*	
		For Class 54 Rating, Add	*1,093.33*	
		For Class 55 Rating, Add	*1,634.95*	
		For Class 56 Rating, Add	*2,169.41*	
40 05 19 00-0332	EA	20" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,028.95	1,025.54
		For Class 52 Rating, Deduct	*-822.26*	
		For Class 54 Rating, Add	*1,139.91*	
		For Class 55 Rating, Add	*1,704.24*	
		For Class 56 Rating, Add	*2,261.09*	
40 05 19 00-0333	EA	20" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,345.03	1,029.51
		For Class 52 Rating, Deduct	*-856.37*	
		For Class 54 Rating, Add	*1,186.49*	
		For Class 55 Rating, Add	*1,773.53*	
		For Class 56 Rating, Add	*2,352.78*	
40 05 19 00-0334	EA	20" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,661.12	1,033.49
		For Class 52 Rating, Deduct	*-890.47*	
		For Class 54 Rating, Add	*1,233.07*	
		For Class 55 Rating, Add	*1,842.82*	
		For Class 56 Rating, Add	*2,444.46*	
40 05 19 00-0335	EA	20" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,977.20	1,037.47
		For Class 52 Rating, Deduct	*-924.58*	
		For Class 54 Rating, Add	*1,279.66*	
		For Class 55 Rating, Add	*1,912.10*	
		For Class 56 Rating, Add	*2,536.15*	
40 05 19 00-0336	EA	20" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,293.28	1,041.44
		For Class 52 Rating, Deduct	*-958.69*	
		For Class 54 Rating, Add	*1,326.24*	
		For Class 55 Rating, Add	*1,981.39*	
		For Class 56 Rating, Add	*2,627.83*	
40 05 19 00-0337	EA	20" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,609.36	1,045.42
		For Class 52 Rating, Deduct	*-992.79*	
		For Class 54 Rating, Add	*1,372.82*	
		For Class 55 Rating, Add	*2,050.68*	
		For Class 56 Rating, Add	*2,719.52*	
40 05 19 00-0338	EA	20" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,925.43	1,049.39
		For Class 52 Rating, Deduct	*-1,026.90*	
		For Class 54 Rating, Add	*1,419.40*	
		For Class 55 Rating, Add	*2,119.96*	
		For Class 56 Rating, Add	*2,811.20*	
40 05 19 00-0339	EA	20" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,241.52	1,053.36
		For Class 52 Rating, Deduct	*-1,061.01*	
		For Class 54 Rating, Add	*1,465.98*	
		For Class 55 Rating, Add	*2,189.25*	
		For Class 56 Rating, Add	*2,902.88*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0340	EA	20" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,557.60	1,057.34
		For Class 52 Rating, Deduct	*-1,095.11*	
		For Class 54 Rating, Add	*1,512.56*	
		For Class 55 Rating, Add	*2,258.54*	
		For Class 56 Rating, Add	*2,994.57*	
40 05 19 00-0341	EA	20" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,873.69	1,061.31
		For Class 52 Rating, Deduct	*-1,129.22*	
		For Class 54 Rating, Add	*1,559.14*	
		For Class 55 Rating, Add	*2,327.83*	
		For Class 56 Rating, Add	*3,086.25*	
40 05 19 00-0342	EA	20" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,189.76	1,065.29
		For Class 52 Rating, Deduct	*-1,163.33*	
		For Class 54 Rating, Add	*1,605.72*	
		For Class 55 Rating, Add	*2,397.12*	
		For Class 56 Rating, Add	*3,177.94*	
40 05 19 00-0343	EA	20" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,505.85	1,069.27
		For Class 52 Rating, Deduct	*-1,197.43*	
		For Class 54 Rating, Add	*1,652.30*	
		For Class 55 Rating, Add	*2,466.40*	
		For Class 56 Rating, Add	*3,269.62*	
40 05 19 00-0344	EA	20" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,821.92	1,073.24
		For Class 52 Rating, Deduct	*-1,231.54*	
		For Class 54 Rating, Add	*1,698.88*	
		For Class 55 Rating, Add	*2,535.69*	
		For Class 56 Rating, Add	*3,361.30*	
40 05 19 00-0345	EA	20" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,138.01	1,077.21
		For Class 52 Rating, Deduct	*-1,265.64*	
		For Class 54 Rating, Add	*1,745.46*	
		For Class 55 Rating, Add	*2,604.98*	
		For Class 56 Rating, Add	*3,452.99*	
40 05 19 00-0346	EA	20" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,454.09	1,081.19
		For Class 52 Rating, Deduct	*-1,299.75*	
		For Class 54 Rating, Add	*1,792.05*	
		For Class 55 Rating, Add	*2,674.27*	
		For Class 56 Rating, Add	*3,544.67*	
40 05 19 00-0347	EA	20" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,770.17	1,085.16
		For Class 52 Rating, Deduct	*-1,333.86*	
		For Class 54 Rating, Add	*1,838.63*	
		For Class 55 Rating, Add	*2,743.55*	
		For Class 56 Rating, Add	*3,636.35*	
40 05 19 00-0348	EA	20" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,086.25	1,089.14
		For Class 52 Rating, Deduct	*-1,367.96*	
		For Class 54 Rating, Add	*1,885.21*	
		For Class 55 Rating, Add	*2,812.84*	
		For Class 56 Rating, Add	*3,728.04*	
40 05 19 00-0349	EA	20" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,402.33	1,093.12
		For Class 52 Rating, Deduct	*-1,402.07*	
		For Class 54 Rating, Add	*1,931.79*	
		For Class 55 Rating, Add	*2,882.13*	
		For Class 56 Rating, Add	*3,819.72*	
40 05 19 00-0350	EA	20" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,718.41	1,097.09
		For Class 52 Rating, Deduct	*-1,436.18*	
		For Class 54 Rating, Add	*1,978.37*	
		For Class 55 Rating, Add	*2,951.42*	
		For Class 56 Rating, Add	*3,911.41*	
40 05 19 00-0351	EA	20" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,034.49	1,101.07
		For Class 52 Rating, Deduct	*-1,470.28*	
		For Class 54 Rating, Add	*2,024.95*	
		For Class 55 Rating, Add	*3,020.70*	
		For Class 56 Rating, Add	*4,003.09*	
40 05 19 00-0352	EA	20" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,350.58	1,105.04
		For Class 52 Rating, Deduct	*-1,504.39*	
		For Class 54 Rating, Add	*2,071.53*	
		For Class 55 Rating, Add	*3,089.99*	
		For Class 56 Rating, Add	*4,094.77*	
40 05 19 00-0353	EA	20" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,666.65	1,109.01
		For Class 52 Rating, Deduct	*-1,538.50*	
		For Class 54 Rating, Add	*2,118.11*	
		For Class 55 Rating, Add	*3,159.28*	
		For Class 56 Rating, Add	*4,186.46*	
40 05 19 00-0354	EA	20" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,982.74	1,112.99
		For Class 52 Rating, Deduct	*-1,572.60*	
		For Class 54 Rating, Add	*2,164.69*	
		For Class 55 Rating, Add	*3,228.57*	
		For Class 56 Rating, Add	*4,278.14*	
40 05 19 00-0355	EA	20" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,298.82	1,116.96
		For Class 52 Rating, Deduct	*-1,606.71*	
		For Class 54 Rating, Add	*2,211.28*	
		For Class 55 Rating, Add	*3,297.86*	
		For Class 56 Rating, Add	*4,369.83*	
40 05 19 00-0356	EA	20" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,614.90	1,120.94
		For Class 52 Rating, Deduct	*-1,640.82*	
		For Class 54 Rating, Add	*2,257.86*	
		For Class 55 Rating, Add	*3,367.14*	
		For Class 56 Rating, Add	*4,461.51*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0357	EA	20" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,930.98	1,124.92
		For Class 52 Rating, Deduct	*-1,674.92*	
		For Class 54 Rating, Add	*2,304.44*	
		For Class 55 Rating, Add	*3,436.43*	
		For Class 56 Rating, Add	*4,553.19*	
40 05 19 00-0358	EA	20" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,247.06	1,128.89
		For Class 52 Rating, Deduct	*-1,709.03*	
		For Class 54 Rating, Add	*2,351.02*	
		For Class 55 Rating, Add	*3,505.72*	
		For Class 56 Rating, Add	*4,644.88*	
40 05 19 00-0359		24" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0002)*		
40 05 19 00-0360	EA	24" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,831.89	1,160.69
		For Class 52 Rating, Deduct	*-558.06*	
		For Class 54 Rating, Add	*782.09*	
		For Class 55 Rating, Add	*1,173.55*	
		For Class 56 Rating, Add	*1,559.92*	
40 05 19 00-0361	EA	24" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,222.12	1,164.66
		For Class 52 Rating, Deduct	*-600.32*	
		For Class 54 Rating, Add	*839.80*	
		For Class 55 Rating, Add	*1,259.37*	
		For Class 56 Rating, Add	*1,673.48*	
40 05 19 00-0362	EA	24" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,612.35	1,168.64
		For Class 52 Rating, Deduct	*-642.58*	
		For Class 54 Rating, Add	*897.50*	
		For Class 55 Rating, Add	*1,345.19*	
		For Class 56 Rating, Add	*1,787.04*	
40 05 19 00-0363	EA	24" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,002.57	1,172.61
		For Class 52 Rating, Deduct	*-684.85*	
		For Class 54 Rating, Add	*955.20*	
		For Class 55 Rating, Add	*1,431.01*	
		For Class 56 Rating, Add	*1,900.60*	
40 05 19 00-0364	EA	24" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,392.80	1,176.59
		For Class 52 Rating, Deduct	*-727.11*	
		For Class 54 Rating, Add	*1,012.91*	
		For Class 55 Rating, Add	*1,516.84*	
		For Class 56 Rating, Add	*2,014.15*	
40 05 19 00-0365	EA	24" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,783.02	1,180.57
		For Class 52 Rating, Deduct	*-769.37*	
		For Class 54 Rating, Add	*1,070.61*	
		For Class 55 Rating, Add	*1,602.66*	
		For Class 56 Rating, Add	*2,127.71*	
40 05 19 00-0366	EA	24" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,173.25	1,184.54
		For Class 52 Rating, Deduct	*-811.63*	
		For Class 54 Rating, Add	*1,128.31*	
		For Class 55 Rating, Add	*1,688.48*	
		For Class 56 Rating, Add	*2,241.27*	
40 05 19 00-0367	EA	24" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,563.47	1,188.51
		For Class 52 Rating, Deduct	*-853.90*	
		For Class 54 Rating, Add	*1,186.01*	
		For Class 55 Rating, Add	*1,774.30*	
		For Class 56 Rating, Add	*2,354.82*	
40 05 19 00-0368	EA	24" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,953.71	1,192.49
		For Class 52 Rating, Deduct	*-896.16*	
		For Class 54 Rating, Add	*1,243.72*	
		For Class 55 Rating, Add	*1,860.12*	
		For Class 56 Rating, Add	*2,468.38*	
40 05 19 00-0369	EA	24" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,343.92	1,196.46
		For Class 52 Rating, Deduct	*-938.42*	
		For Class 54 Rating, Add	*1,301.42*	
		For Class 55 Rating, Add	*1,945.94*	
		For Class 56 Rating, Add	*2,581.94*	
40 05 19 00-0370	EA	24" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,734.14	1,200.43
		For Class 52 Rating, Deduct	*-980.68*	
		For Class 54 Rating, Add	*1,359.12*	
		For Class 55 Rating, Add	*2,031.76*	
		For Class 56 Rating, Add	*2,695.49*	
40 05 19 00-0371	EA	24" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,124.38	1,204.42
		For Class 52 Rating, Deduct	*-1,022.95*	
		For Class 54 Rating, Add	*1,416.82*	
		For Class 55 Rating, Add	*2,117.59*	
		For Class 56 Rating, Add	*2,809.05*	
40 05 19 00-0372	EA	24" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,514.60	1,208.39
		For Class 52 Rating, Deduct	*-1,065.21*	
		For Class 54 Rating, Add	*1,474.53*	
		For Class 55 Rating, Add	*2,203.41*	
		For Class 56 Rating, Add	*2,922.61*	
40 05 19 00-0373	EA	24" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,904.83	1,212.37
		For Class 52 Rating, Deduct	*-1,107.47*	
		For Class 54 Rating, Add	*1,532.23*	
		For Class 55 Rating, Add	*2,289.23*	
		For Class 56 Rating, Add	*3,036.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0374	EA	24" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,295.05	1,216.34
		For Class 52 Rating, Deduct	*-1,149.73*	
		For Class 54 Rating, Add	*1,589.93*	
		For Class 55 Rating, Add	*2,375.05*	
		For Class 56 Rating, Add	*3,149.72*	
40 05 19 00-0375	EA	24" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,685.28	1,220.31
		For Class 52 Rating, Deduct	*-1,192.00*	
		For Class 54 Rating, Add	*1,647.64*	
		For Class 55 Rating, Add	*2,460.87*	
		For Class 56 Rating, Add	*3,263.28*	
40 05 19 00-0376	EA	24" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,075.50	1,224.29
		For Class 52 Rating, Deduct	*-1,234.26*	
		For Class 54 Rating, Add	*1,705.34*	
		For Class 55 Rating, Add	*2,546.70*	
		For Class 56 Rating, Add	*3,376.83*	
40 05 19 00-0377	EA	24" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,465.73	1,228.26
		For Class 52 Rating, Deduct	*-1,276.52*	
		For Class 54 Rating, Add	*1,763.04*	
		For Class 55 Rating, Add	*2,632.52*	
		For Class 56 Rating, Add	*3,490.39*	
40 05 19 00-0378	EA	24" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,855.95	1,232.24
		For Class 52 Rating, Deduct	*-1,318.78*	
		For Class 54 Rating, Add	*1,820.74*	
		For Class 55 Rating, Add	*2,718.34*	
		For Class 56 Rating, Add	*3,603.94*	
40 05 19 00-0379	EA	24" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,246.18	1,236.22
		For Class 52 Rating, Deduct	*-1,361.04*	
		For Class 54 Rating, Add	*1,878.45*	
		For Class 55 Rating, Add	*2,804.16*	
		For Class 56 Rating, Add	*3,717.50*	
40 05 19 00-0380	EA	24" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,636.40	1,240.19
		For Class 52 Rating, Deduct	*-1,403.31*	
		For Class 54 Rating, Add	*1,936.15*	
		For Class 55 Rating, Add	*2,889.98*	
		For Class 56 Rating, Add	*3,831.06*	
40 05 19 00-0381	EA	24" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,026.62	1,244.16
		For Class 52 Rating, Deduct	*-1,445.57*	
		For Class 54 Rating, Add	*1,993.85*	
		For Class 55 Rating, Add	*2,975.80*	
		For Class 56 Rating, Add	*3,944.61*	
40 05 19 00-0382	EA	24" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,416.86	1,248.14
		For Class 52 Rating, Deduct	*-1,487.83*	
		For Class 54 Rating, Add	*2,051.55*	
		For Class 55 Rating, Add	*3,061.63*	
		For Class 56 Rating, Add	*4,058.17*	
40 05 19 00-0383	EA	24" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,807.08	1,252.11
		For Class 52 Rating, Deduct	*-1,530.09*	
		For Class 54 Rating, Add	*2,109.26*	
		For Class 55 Rating, Add	*3,147.45*	
		For Class 56 Rating, Add	*4,171.73*	
40 05 19 00-0384	EA	24" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,197.31	1,256.08
		For Class 52 Rating, Deduct	*-1,572.36*	
		For Class 54 Rating, Add	*2,166.96*	
		For Class 55 Rating, Add	*3,233.27*	
		For Class 56 Rating, Add	*4,285.29*	
40 05 19 00-0385	EA	24" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,587.53	1,260.06
		For Class 52 Rating, Deduct	*-1,614.62*	
		For Class 54 Rating, Add	*2,224.66*	
		For Class 55 Rating, Add	*3,319.09*	
		For Class 56 Rating, Add	*4,398.84*	
40 05 19 00-0386	EA	24" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,977.76	1,264.04
		For Class 52 Rating, Deduct	*-1,656.88*	
		For Class 54 Rating, Add	*2,282.37*	
		For Class 55 Rating, Add	*3,404.91*	
		For Class 56 Rating, Add	*4,512.40*	
40 05 19 00-0387	EA	24" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,367.98	1,268.02
		For Class 52 Rating, Deduct	*-1,699.14*	
		For Class 54 Rating, Add	*2,340.07*	
		For Class 55 Rating, Add	*3,490.73*	
		For Class 56 Rating, Add	*4,625.96*	
40 05 19 00-0388	EA	24" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,758.20	1,271.99
		For Class 52 Rating, Deduct	*-1,741.40*	
		For Class 54 Rating, Add	*2,397.77*	
		For Class 55 Rating, Add	*3,576.56*	
		For Class 56 Rating, Add	*4,739.51*	
40 05 19 00-0389	EA	24" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,250.83	1,343.53
		For Class 52 Rating, Deduct	*-1,783.67*	
		For Class 54 Rating, Add	*2,456.70*	
		For Class 55 Rating, Add	*3,664.84*	
		For Class 56 Rating, Add	*4,856.76*	
40 05 19 00-0390	EA	24" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,641.05	1,347.52
		For Class 52 Rating, Deduct	*-1,825.93*	
		For Class 54 Rating, Add	*2,514.40*	
		For Class 55 Rating, Add	*3,750.66*	
		For Class 56 Rating, Add	*4,970.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0391	EA	24" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	19,031.26	1,351.49
		For Class 52 Rating, Deduct	*-1,868.19*	
		For Class 54 Rating, Add	*2,572.11*	
		For Class 55 Rating, Add	*3,836.48*	
		For Class 56 Rating, Add	*5,083.87*	
40 05 19 00-0392	EA	24" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	19,421.49	1,355.46
		For Class 52 Rating, Deduct	*-1,910.45*	
		For Class 54 Rating, Add	*2,629.81*	
		For Class 55 Rating, Add	*3,922.30*	
		For Class 56 Rating, Add	*5,197.42*	
40 05 19 00-0393	EA	24" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	19,811.72	1,359.44
		For Class 52 Rating, Deduct	*-1,952.72*	
		For Class 54 Rating, Add	*2,687.51*	
		For Class 55 Rating, Add	*4,008.12*	
		For Class 56 Rating, Add	*5,310.98*	
40 05 19 00-0394	EA	24" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	20,201.95	1,363.41
		For Class 52 Rating, Deduct	*-1,994.98*	
		For Class 54 Rating, Add	*2,745.21*	
		For Class 55 Rating, Add	*4,093.94*	
		For Class 56 Rating, Add	*5,424.54*	
40 05 19 00-0395	EA	24" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	20,592.17	1,367.38
		For Class 52 Rating, Deduct	*-2,037.24*	
		For Class 54 Rating, Add	*2,802.92*	
		For Class 55 Rating, Add	*4,179.77*	
		For Class 56 Rating, Add	*5,538.09*	
40 05 19 00-0396	EA	24" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	20,982.40	1,371.36
		For Class 52 Rating, Deduct	*-2,079.50*	
		For Class 54 Rating, Add	*2,860.62*	
		For Class 55 Rating, Add	*4,265.59*	
		For Class 56 Rating, Add	*5,651.65*	
40 05 19 00-0397	EA	24" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	21,372.62	1,375.34
		For Class 52 Rating, Deduct	*-2,121.77*	
		For Class 54 Rating, Add	*2,918.32*	
		For Class 55 Rating, Add	*4,351.41*	
		For Class 56 Rating, Add	*5,765.21*	

40 05 19 00-0398 30" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0002)*

40 05 19 00-0399	EA	30" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,547.35	1,637.69
		For Class 52 Rating, Deduct	*-887.26*	
		For Class 54 Rating, Add	*1,239.68*	
		For Class 55 Rating, Add	*1,858.27*	
		For Class 56 Rating, Add	*2,468.80*	
40 05 19 00-0400	EA	30" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,108.33	1,641.66
		For Class 52 Rating, Deduct	*-948.31*	
		For Class 54 Rating, Add	*1,322.99*	
		For Class 55 Rating, Add	*1,982.17*	
		For Class 56 Rating, Add	*2,632.73*	
40 05 19 00-0401	EA	30" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,669.32	1,645.63
		For Class 52 Rating, Deduct	*-1,009.35*	
		For Class 54 Rating, Add	*1,406.31*	
		For Class 55 Rating, Add	*2,106.07*	
		For Class 56 Rating, Add	*2,796.66*	
40 05 19 00-0402	EA	30" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,230.30	1,649.61
		For Class 52 Rating, Deduct	*-1,070.40*	
		For Class 54 Rating, Add	*1,489.63*	
		For Class 55 Rating, Add	*2,229.97*	
		For Class 56 Rating, Add	*2,960.59*	
40 05 19 00-0403	EA	30" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,791.29	1,653.58
		For Class 52 Rating, Deduct	*-1,131.44*	
		For Class 54 Rating, Add	*1,572.94*	
		For Class 55 Rating, Add	*2,353.88*	
		For Class 56 Rating, Add	*3,124.52*	
40 05 19 00-0404	EA	30" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,352.26	1,657.56
		For Class 52 Rating, Deduct	*-1,192.49*	
		For Class 54 Rating, Add	*1,656.26*	
		For Class 55 Rating, Add	*2,477.78*	
		For Class 56 Rating, Add	*3,288.45*	
40 05 19 00-0405	EA	30" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,913.24	1,661.54
		For Class 52 Rating, Deduct	*-1,253.53*	
		For Class 54 Rating, Add	*1,739.58*	
		For Class 55 Rating, Add	*2,601.68*	
		For Class 56 Rating, Add	*3,452.38*	
40 05 19 00-0406	EA	30" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,474.23	1,665.51
		For Class 52 Rating, Deduct	*-1,314.58*	
		For Class 54 Rating, Add	*1,822.89*	
		For Class 55 Rating, Add	*2,725.58*	
		For Class 56 Rating, Add	*3,616.31*	
40 05 19 00-0407	EA	30" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,035.21	1,669.48
		For Class 52 Rating, Deduct	*-1,375.63*	
		For Class 54 Rating, Add	*1,906.21*	
		For Class 55 Rating, Add	*2,849.48*	
		For Class 56 Rating, Add	*3,780.24*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0408	EA	30" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,596.20	1,673.46
		For Class 52 Rating, Deduct	*-1,436.67*	
		For Class 54 Rating, Add	*1,989.52*	
		For Class 55 Rating, Add	*2,973.38*	
		For Class 56 Rating, Add	*3,944.17*	
40 05 19 00-0409	EA	30" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,157.18	1,677.43
		For Class 52 Rating, Deduct	*-1,497.72*	
		For Class 54 Rating, Add	*2,072.84*	
		For Class 55 Rating, Add	*3,097.28*	
		For Class 56 Rating, Add	*4,108.10*	
40 05 19 00-0410	EA	30" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,718.16	1,681.41
		For Class 52 Rating, Deduct	*-1,558.76*	
		For Class 54 Rating, Add	*2,156.16*	
		For Class 55 Rating, Add	*3,221.18*	
		For Class 56 Rating, Add	*4,272.03*	
40 05 19 00-0411	EA	30" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,279.14	1,685.39
		For Class 52 Rating, Deduct	*-1,619.81*	
		For Class 54 Rating, Add	*2,239.47*	
		For Class 55 Rating, Add	*3,345.08*	
		For Class 56 Rating, Add	*4,435.96*	
40 05 19 00-0412	EA	30" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,840.13	1,689.36
		For Class 52 Rating, Deduct	*-1,680.85*	
		For Class 54 Rating, Add	*2,322.79*	
		For Class 55 Rating, Add	*3,468.98*	
		For Class 56 Rating, Add	*4,599.89*	
40 05 19 00-0413	EA	30" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,401.11	1,693.34
		For Class 52 Rating, Deduct	*-1,741.90*	
		For Class 54 Rating, Add	*2,406.11*	
		For Class 55 Rating, Add	*3,592.88*	
		For Class 56 Rating, Add	*4,763.82*	
40 05 19 00-0414	EA	30" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,962.09	1,697.31
		For Class 52 Rating, Deduct	*-1,802.95*	
		For Class 54 Rating, Add	*2,489.42*	
		For Class 55 Rating, Add	*3,716.78*	
		For Class 56 Rating, Add	*4,927.75*	
40 05 19 00-0415	EA	30" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	19,523.07	1,701.28
		For Class 52 Rating, Deduct	*-1,863.99*	
		For Class 54 Rating, Add	*2,572.74*	
		For Class 55 Rating, Add	*3,840.68*	
		For Class 56 Rating, Add	*5,091.68*	
40 05 19 00-0416	EA	30" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	20,084.05	1,705.26
		For Class 52 Rating, Deduct	*-1,925.04*	
		For Class 54 Rating, Add	*2,656.05*	
		For Class 55 Rating, Add	*3,964.58*	
		For Class 56 Rating, Add	*5,255.61*	
40 05 19 00-0417	EA	30" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	20,645.03	1,709.23
		For Class 52 Rating, Deduct	*-1,986.08*	
		For Class 54 Rating, Add	*2,739.37*	
		For Class 55 Rating, Add	*4,088.48*	
		For Class 56 Rating, Add	*5,419.54*	
40 05 19 00-0418	EA	30" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	21,206.01	1,713.21
		For Class 52 Rating, Deduct	*-2,047.13*	
		For Class 54 Rating, Add	*2,822.69*	
		For Class 55 Rating, Add	*4,212.38*	
		For Class 56 Rating, Add	*5,583.47*	
40 05 19 00-0419	EA	30" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	21,767.00	1,717.19
		For Class 52 Rating, Deduct	*-2,108.17*	
		For Class 54 Rating, Add	*2,906.00*	
		For Class 55 Rating, Add	*4,336.28*	
		For Class 56 Rating, Add	*5,747.40*	
40 05 19 00-0420	EA	30" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	22,327.98	1,721.16
		For Class 52 Rating, Deduct	*-2,169.22*	
		For Class 54 Rating, Add	*2,989.32*	
		For Class 55 Rating, Add	*4,460.18*	
		For Class 56 Rating, Add	*5,911.33*	
40 05 19 00-0421	EA	30" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	22,888.96	1,725.13
		For Class 52 Rating, Deduct	*-2,230.26*	
		For Class 54 Rating, Add	*3,072.63*	
		For Class 55 Rating, Add	*4,584.08*	
		For Class 56 Rating, Add	*6,075.26*	
40 05 19 00-0422	EA	30" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	23,449.94	1,729.11
		For Class 52 Rating, Deduct	*-2,291.31*	
		For Class 54 Rating, Add	*3,155.95*	
		For Class 55 Rating, Add	*4,707.98*	
		For Class 56 Rating, Add	*6,239.19*	
40 05 19 00-0423	EA	30" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	24,008.68	1,733.08
		For Class 52 Rating, Deduct	*-2,352.11*	
		For Class 54 Rating, Add	*3,238.93*	
		For Class 55 Rating, Add	*4,831.39*	
		For Class 56 Rating, Add	*6,402.46*	
40 05 19 00-0424	EA	30" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	24,571.91	1,737.06
		For Class 52 Rating, Deduct	*-2,413.40*	
		For Class 54 Rating, Add	*3,322.58*	
		For Class 55 Rating, Add	*4,955.79*	
		For Class 56 Rating, Add	*6,567.05*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0425	EA	30" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	25,132.89	1,741.03
		For Class 52 Rating, Deduct	*-2,474.45*	
		For Class 54 Rating, Add	*3,405.90*	
		For Class 55 Rating, Add	*5,079.69*	
		For Class 56 Rating, Add	*6,730.98*	
40 05 19 00-0426	EA	30" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	25,693.87	1,745.01
		For Class 52 Rating, Deduct	*-2,535.49*	
		For Class 54 Rating, Add	*3,489.22*	
		For Class 55 Rating, Add	*5,203.59*	
		For Class 56 Rating, Add	*6,894.91*	
40 05 19 00-0427	EA	30" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	26,254.85	1,748.99
		For Class 52 Rating, Deduct	*-2,596.54*	
		For Class 54 Rating, Add	*3,572.53*	
		For Class 55 Rating, Add	*5,327.49*	
		For Class 56 Rating, Add	*7,058.84*	
40 05 19 00-0428	EA	30" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	26,815.84	1,752.96
		For Class 52 Rating, Deduct	*-2,657.58*	
		For Class 54 Rating, Add	*3,655.85*	
		For Class 55 Rating, Add	*5,451.39*	
		For Class 56 Rating, Add	*7,222.77*	
40 05 19 00-0429	EA	30" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	27,376.82	1,756.93
		For Class 52 Rating, Deduct	*-2,718.63*	
		For Class 54 Rating, Add	*3,739.16*	
		For Class 55 Rating, Add	*5,575.29*	
		For Class 56 Rating, Add	*7,386.70*	
40 05 19 00-0430	EA	30" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	27,937.81	1,760.91
		For Class 52 Rating, Deduct	*-2,779.67*	
		For Class 54 Rating, Add	*3,822.48*	
		For Class 55 Rating, Add	*5,699.19*	
		For Class 56 Rating, Add	*7,550.63*	
40 05 19 00-0431	EA	30" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	28,498.79	1,764.88
		For Class 52 Rating, Deduct	*-2,840.72*	
		For Class 54 Rating, Add	*3,905.80*	
		For Class 55 Rating, Add	*5,823.09*	
		For Class 56 Rating, Add	*7,714.56*	
40 05 19 00-0432	EA	30" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	29,059.77	1,768.85
		For Class 52 Rating, Deduct	*-2,901.76*	
		For Class 54 Rating, Add	*3,989.11*	
		For Class 55 Rating, Add	*5,946.99*	
		For Class 56 Rating, Add	*7,878.49*	
40 05 19 00-0433	EA	30" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	29,620.75	1,772.84
		For Class 52 Rating, Deduct	*-2,962.81*	
		For Class 54 Rating, Add	*4,072.43*	
		For Class 55 Rating, Add	*6,070.89*	
		For Class 56 Rating, Add	*8,042.42*	
40 05 19 00-0434	EA	30" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	30,181.73	1,776.81
		For Class 52 Rating, Deduct	*-3,023.86*	
		For Class 54 Rating, Add	*4,155.75*	
		For Class 55 Rating, Add	*6,194.79*	
		For Class 56 Rating, Add	*8,206.35*	
40 05 19 00-0435	EA	30" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	30,742.72	1,780.78
		For Class 52 Rating, Deduct	*-3,084.90*	
		For Class 54 Rating, Add	*4,239.06*	
		For Class 55 Rating, Add	*6,318.69*	
		For Class 56 Rating, Add	*8,370.28*	
40 05 19 00-0436	EA	30" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	31,303.70	1,784.76
		For Class 52 Rating, Deduct	*-3,145.95*	
		For Class 54 Rating, Add	*4,322.38*	
		For Class 55 Rating, Add	*6,442.59*	
		For Class 56 Rating, Add	*8,534.21*	

40 05 19 00-0437 36" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0002)*

40 05 19 00-0438	EA	36" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,685.64	2,074.93
		For Class 52 Rating, Deduct	*-1,269.60*	
		For Class 54 Rating, Add	*1,769.00*	
		For Class 55 Rating, Add	*2,649.28*	
		For Class 56 Rating, Add	*3,518.01*	
40 05 19 00-0439	EA	36" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,446.60	2,078.90
		For Class 52 Rating, Deduct	*-1,352.64*	
		For Class 54 Rating, Add	*1,882.31*	
		For Class 55 Rating, Add	*2,817.77*	
		For Class 56 Rating, Add	*3,740.93*	
40 05 19 00-0440	EA	36" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,207.54	2,082.88
		For Class 52 Rating, Deduct	*-1,435.68*	
		For Class 54 Rating, Add	*1,995.62*	
		For Class 55 Rating, Add	*2,986.26*	
		For Class 56 Rating, Add	*3,963.85*	
40 05 19 00-0441	EA	36" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,968.49	2,086.86
		For Class 52 Rating, Deduct	*-1,518.72*	
		For Class 54 Rating, Add	*2,108.93*	
		For Class 55 Rating, Add	*3,154.76*	
		For Class 56 Rating, Add	*4,186.77*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0442	EA	36" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,729.44	2,090.83
		For Class 52 Rating, Deduct	*-1,601.77*	
		For Class 54 Rating, Add	*2,222.24*	
		For Class 55 Rating, Add	*3,323.25*	
		For Class 56 Rating, Add	*4,409.69*	
40 05 19 00-0443	EA	36" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,490.38	2,094.81
		For Class 52 Rating, Deduct	*-1,684.81*	
		For Class 54 Rating, Add	*2,335.55*	
		For Class 55 Rating, Add	*3,491.74*	
		For Class 56 Rating, Add	*4,632.61*	
40 05 19 00-0444	EA	36" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	19,251.33	2,098.78
		For Class 52 Rating, Deduct	*-1,767.85*	
		For Class 54 Rating, Add	*2,448.86*	
		For Class 55 Rating, Add	*3,660.23*	
		For Class 56 Rating, Add	*4,855.53*	
40 05 19 00-0445	EA	36" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	20,012.28	2,102.75
		For Class 52 Rating, Deduct	*-1,850.89*	
		For Class 54 Rating, Add	*2,562.18*	
		For Class 55 Rating, Add	*3,828.73*	
		For Class 56 Rating, Add	*5,078.45*	
40 05 19 00-0446	EA	36" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	20,773.23	2,106.73
		For Class 52 Rating, Deduct	*-1,933.93*	
		For Class 54 Rating, Add	*2,675.49*	
		For Class 55 Rating, Add	*3,997.22*	
		For Class 56 Rating, Add	*5,301.37*	
40 05 19 00-0447	EA	36" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	21,534.17	2,110.71
		For Class 52 Rating, Deduct	*-2,016.97*	
		For Class 54 Rating, Add	*2,788.80*	
		For Class 55 Rating, Add	*4,165.71*	
		For Class 56 Rating, Add	*5,524.29*	
40 05 19 00-0448	EA	36" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	22,295.13	2,114.68
		For Class 52 Rating, Deduct	*-2,100.02*	
		For Class 54 Rating, Add	*2,902.11*	
		For Class 55 Rating, Add	*4,334.20*	
		For Class 56 Rating, Add	*5,747.21*	
40 05 19 00-0449	EA	36" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	23,056.06	2,118.66
		For Class 52 Rating, Deduct	*-2,183.06*	
		For Class 54 Rating, Add	*3,015.42*	
		For Class 55 Rating, Add	*4,502.70*	
		For Class 56 Rating, Add	*5,970.13*	
40 05 19 00-0450	EA	36" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	23,817.01	2,122.63
		For Class 52 Rating, Deduct	*-2,266.10*	
		For Class 54 Rating, Add	*3,128.73*	
		For Class 55 Rating, Add	*4,671.19*	
		For Class 56 Rating, Add	*6,193.05*	
40 05 19 00-0451	EA	36" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	24,577.96	2,126.60
		For Class 52 Rating, Deduct	*-2,349.14*	
		For Class 54 Rating, Add	*3,242.04*	
		For Class 55 Rating, Add	*4,839.68*	
		For Class 56 Rating, Add	*6,415.97*	
40 05 19 00-0452	EA	36" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	25,338.91	2,130.58
		For Class 52 Rating, Deduct	*-2,432.18*	
		For Class 54 Rating, Add	*3,355.35*	
		For Class 55 Rating, Add	*5,008.18*	
		For Class 56 Rating, Add	*6,638.89*	
40 05 19 00-0453	EA	36" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	26,099.86	2,134.55
		For Class 52 Rating, Deduct	*-2,515.22*	
		For Class 54 Rating, Add	*3,468.66*	
		For Class 55 Rating, Add	*5,176.67*	
		For Class 56 Rating, Add	*6,861.81*	
40 05 19 00-0454	EA	36" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	26,860.80	2,138.53
		For Class 52 Rating, Deduct	*-2,598.27*	
		For Class 54 Rating, Add	*3,581.97*	
		For Class 55 Rating, Add	*5,345.16*	
		For Class 56 Rating, Add	*7,084.73*	
40 05 19 00-0455	EA	36" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	27,621.75	2,142.51
		For Class 52 Rating, Deduct	*-2,681.31*	
		For Class 54 Rating, Add	*3,695.28*	
		For Class 55 Rating, Add	*5,513.65*	
		For Class 56 Rating, Add	*7,307.65*	
40 05 19 00-0456	EA	36" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	28,382.70	2,146.48
		For Class 52 Rating, Deduct	*-2,764.35*	
		For Class 54 Rating, Add	*3,808.60*	
		For Class 55 Rating, Add	*5,682.15*	
		For Class 56 Rating, Add	*7,530.57*	
40 05 19 00-0457	EA	36" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	29,143.65	2,150.46
		For Class 52 Rating, Deduct	*-2,847.39*	
		For Class 54 Rating, Add	*3,921.91*	
		For Class 55 Rating, Add	*5,850.64*	
		For Class 56 Rating, Add	*7,753.48*	
40 05 19 00-0458	EA	36" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	29,904.60	2,154.43
		For Class 52 Rating, Deduct	*-2,930.43*	
		For Class 54 Rating, Add	*4,035.22*	
		For Class 55 Rating, Add	*6,019.13*	
		For Class 56 Rating, Add	*7,976.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0459	EA	36" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	30,665.54	2,158.40
		For Class 52 Rating, Deduct	*-3,013.48*	
		For Class 54 Rating, Add	*4,148.53*	
		For Class 55 Rating, Add	*6,187.62*	
		For Class 56 Rating, Add	*8,199.32*	
40 05 19 00-0460	EA	36" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	31,426.49	2,162.38
		For Class 52 Rating, Deduct	*-3,096.52*	
		For Class 54 Rating, Add	*4,261.84*	
		For Class 55 Rating, Add	*6,356.12*	
		For Class 56 Rating, Add	*8,422.25*	
40 05 19 00-0461	EA	36" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	32,187.43	2,166.36
		For Class 52 Rating, Deduct	*-3,179.56*	
		For Class 54 Rating, Add	*4,375.15*	
		For Class 55 Rating, Add	*6,524.61*	
		For Class 56 Rating, Add	*8,645.16*	
40 05 19 00-0462	EA	36" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	32,948.39	2,170.33
		For Class 52 Rating, Deduct	*-3,262.60*	
		For Class 54 Rating, Add	*4,488.46*	
		For Class 55 Rating, Add	*6,693.10*	
		For Class 56 Rating, Add	*8,868.08*	
40 05 19 00-0463	EA	36" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	33,709.33	2,174.31
		For Class 52 Rating, Deduct	*-3,345.64*	
		For Class 54 Rating, Add	*4,601.77*	
		For Class 55 Rating, Add	*6,861.59*	
		For Class 56 Rating, Add	*9,091.00*	
40 05 19 00-0464	EA	36" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	34,470.29	2,178.28
		For Class 52 Rating, Deduct	*-3,428.68*	
		For Class 54 Rating, Add	*4,715.08*	
		For Class 55 Rating, Add	*7,030.09*	
		For Class 56 Rating, Add	*9,313.92*	
40 05 19 00-0465	EA	36" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	35,231.23	2,182.25
		For Class 52 Rating, Deduct	*-3,511.73*	
		For Class 54 Rating, Add	*4,828.39*	
		For Class 55 Rating, Add	*7,198.58*	
		For Class 56 Rating, Add	*9,536.84*	
40 05 19 00-0466	EA	36" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	35,992.18	2,186.23
		For Class 52 Rating, Deduct	*-3,594.77*	
		For Class 54 Rating, Add	*4,941.71*	
		For Class 55 Rating, Add	*7,367.07*	
		For Class 56 Rating, Add	*9,759.76*	
40 05 19 00-0467	EA	36" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	36,753.12	2,190.20
		For Class 52 Rating, Deduct	*-3,677.81*	
		For Class 54 Rating, Add	*5,055.02*	
		For Class 55 Rating, Add	*7,535.57*	
		For Class 56 Rating, Add	*9,982.68*	
40 05 19 00-0468	EA	36" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	37,514.08	2,194.18
		For Class 52 Rating, Deduct	*-3,760.85*	
		For Class 54 Rating, Add	*5,168.33*	
		For Class 55 Rating, Add	*7,704.06*	
		For Class 56 Rating, Add	*10,205.60*	
40 05 19 00-0469	EA	36" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	38,275.02	2,198.16
		For Class 52 Rating, Deduct	*-3,843.89*	
		For Class 54 Rating, Add	*5,281.64*	
		For Class 55 Rating, Add	*7,872.55*	
		For Class 56 Rating, Add	*10,428.52*	
40 05 19 00-0470	EA	36" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	39,035.97	2,202.13
		For Class 52 Rating, Deduct	*-3,926.94*	
		For Class 54 Rating, Add	*5,394.95*	
		For Class 55 Rating, Add	*8,041.05*	
		For Class 56 Rating, Add	*10,651.44*	
40 05 19 00-0471	EA	36" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	39,796.91	2,206.11
		For Class 52 Rating, Deduct	*-4,009.98*	
		For Class 54 Rating, Add	*5,508.26*	
		For Class 55 Rating, Add	*8,209.54*	
		For Class 56 Rating, Add	*10,874.36*	
40 05 19 00-0472	EA	36" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	40,557.85	2,210.08
		For Class 52 Rating, Deduct	*-4,093.02*	
		For Class 54 Rating, Add	*5,621.57*	
		For Class 55 Rating, Add	*8,378.03*	
		For Class 56 Rating, Add	*11,097.28*	
40 05 19 00-0473	EA	36" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	41,318.81	2,214.05
		For Class 52 Rating, Deduct	*-4,176.06*	
		For Class 54 Rating, Add	*5,734.88*	
		For Class 55 Rating, Add	*8,546.52*	
		For Class 56 Rating, Add	*11,320.20*	
40 05 19 00-0474	EA	36" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	42,079.75	2,218.03
		For Class 52 Rating, Deduct	*-4,259.10*	
		For Class 54 Rating, Add	*5,848.19*	
		For Class 55 Rating, Add	*8,715.01*	
		For Class 56 Rating, Add	*11,543.12*	
40 05 19 00-0475	EA	36" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	42,840.71	2,222.00
		For Class 52 Rating, Deduct	*-4,342.14*	
		For Class 54 Rating, Add	*5,961.50*	
		For Class 55 Rating, Add	*8,883.51*	
		For Class 56 Rating, Add	*11,766.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0476		42" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0002)*		
40 05 19 00-0477	EA	42" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	19,360.24	2,615.52
		For Class 52 Rating, Deduct	*-1,693.71*	
		For Class 54 Rating, Add	*2,357.15*	
		For Class 55 Rating, Add	*3,528.71*	
		For Class 56 Rating, Add	*4,684.87*	
40 05 19 00-0478	EA	42" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	20,494.15	2,619.51
		For Class 52 Rating, Deduct	*-1,817.77*	
		For Class 54 Rating, Add	*2,526.41*	
		For Class 55 Rating, Add	*3,780.38*	
		For Class 56 Rating, Add	*5,017.82*	
40 05 19 00-0479	EA	42" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	21,614.59	2,623.48
		For Class 52 Rating, Deduct	*-1,940.36*	
		For Class 54 Rating, Add	*2,693.64*	
		For Class 55 Rating, Add	*4,029.04*	
		For Class 56 Rating, Add	*5,346.79*	
40 05 19 00-0480	EA	42" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	22,746.25	2,627.45
		For Class 52 Rating, Deduct	*-2,064.18*	
		For Class 54 Rating, Add	*2,862.56*	
		For Class 55 Rating, Add	*4,280.20*	
		For Class 56 Rating, Add	*5,679.07*	
40 05 19 00-0481	EA	42" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	23,866.70	2,631.43
		For Class 52 Rating, Deduct	*-2,186.77*	
		For Class 54 Rating, Add	*3,029.80*	
		For Class 55 Rating, Add	*4,528.86*	
		For Class 56 Rating, Add	*6,008.04*	
40 05 19 00-0482	EA	42" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	25,000.61	2,635.40
		For Class 52 Rating, Deduct	*-2,310.83*	
		For Class 54 Rating, Add	*3,199.05*	
		For Class 55 Rating, Add	*4,780.52*	
		For Class 56 Rating, Add	*6,340.99*	
40 05 19 00-0483	EA	42" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	26,118.81	2,639.37
		For Class 52 Rating, Deduct	*-2,433.17*	
		For Class 54 Rating, Add	*3,365.95*	
		For Class 55 Rating, Add	*5,028.68*	
		For Class 56 Rating, Add	*6,669.29*	
40 05 19 00-0484	EA	42" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	27,252.71	2,643.35
		For Class 52 Rating, Deduct	*-2,557.24*	
		For Class 54 Rating, Add	*3,535.21*	
		For Class 55 Rating, Add	*5,280.35*	
		For Class 56 Rating, Add	*7,002.24*	
40 05 19 00-0485	EA	42" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	28,373.15	2,647.33
		For Class 52 Rating, Deduct	*-2,679.83*	
		For Class 54 Rating, Add	*3,702.44*	
		For Class 55 Rating, Add	*5,529.00*	
		For Class 56 Rating, Add	*7,331.20*	
40 05 19 00-0486	EA	42" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	29,504.82	2,651.30
		For Class 52 Rating, Deduct	*-2,803.65*	
		For Class 54 Rating, Add	*3,871.36*	
		For Class 55 Rating, Add	*5,780.17*	
		For Class 56 Rating, Add	*7,663.49*	
40 05 19 00-0487	EA	42" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	30,625.26	2,655.28
		For Class 52 Rating, Deduct	*-2,926.23*	
		For Class 54 Rating, Add	*4,038.59*	
		For Class 55 Rating, Add	*6,028.83*	
		For Class 56 Rating, Add	*7,992.46*	
40 05 19 00-0488	EA	42" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	31,756.93	2,659.25
		For Class 52 Rating, Deduct	*-3,050.05*	
		For Class 54 Rating, Add	*4,207.51*	
		For Class 55 Rating, Add	*6,279.99*	
		For Class 56 Rating, Add	*8,324.74*	
40 05 19 00-0489	EA	42" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	32,877.36	2,663.22
		For Class 52 Rating, Deduct	*-3,172.64*	
		For Class 54 Rating, Add	*4,374.75*	
		For Class 55 Rating, Add	*6,528.65*	
		For Class 56 Rating, Add	*8,653.71*	
40 05 19 00-0490	EA	42" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	34,000.04	2,667.20
		For Class 52 Rating, Deduct	*-3,295.47*	
		For Class 54 Rating, Add	*4,542.32*	
		For Class 55 Rating, Add	*6,777.81*	
		For Class 56 Rating, Add	*8,983.34*	
40 05 19 00-0491	EA	42" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	35,129.46	2,671.17
		For Class 52 Rating, Deduct	*-3,419.05*	
		For Class 54 Rating, Add	*4,710.90*	
		For Class 55 Rating, Add	*7,028.47*	
		For Class 56 Rating, Add	*9,314.96*	
40 05 19 00-0492	EA	42" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	36,249.90	2,675.15
		For Class 52 Rating, Deduct	*-3,541.63*	
		For Class 54 Rating, Add	*4,878.14*	
		For Class 55 Rating, Add	*7,277.13*	
		For Class 56 Rating, Add	*9,643.93*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0493	EA	42" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	37,383.82	2,679.13
		For Class 52 Rating, Deduct	*-3,665.70*	
		For Class 54 Rating, Add	*5,047.39*	
		For Class 55 Rating, Add	*7,528.80*	
		For Class 56 Rating, Add	*9,976.87*	
40 05 19 00-0494	EA	42" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	38,504.26	2,683.10
		For Class 52 Rating, Deduct	*-3,788.28*	
		For Class 54 Rating, Add	*5,214.63*	
		For Class 55 Rating, Add	*7,777.45*	
		For Class 56 Rating, Add	*10,305.84*	
40 05 19 00-0495	EA	42" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	39,635.92	2,687.08
		For Class 52 Rating, Deduct	*-3,912.11*	
		For Class 54 Rating, Add	*5,383.55*	
		For Class 55 Rating, Add	*8,028.62*	
		For Class 56 Rating, Add	*10,638.12*	
40 05 19 00-0496	EA	42" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	40,756.36	2,691.05
		For Class 52 Rating, Deduct	*-4,034.69*	
		For Class 54 Rating, Add	*5,550.78*	
		For Class 55 Rating, Add	*8,277.28*	
		For Class 56 Rating, Add	*10,967.09*	
40 05 19 00-0497	EA	42" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	41,890.27	2,695.02
		For Class 52 Rating, Deduct	*-4,158.76*	
		For Class 54 Rating, Add	*5,720.04*	
		For Class 55 Rating, Add	*8,528.94*	
		For Class 56 Rating, Add	*11,300.04*	
40 05 19 00-0498	EA	42" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	43,010.71	2,699.00
		For Class 52 Rating, Deduct	*-4,281.35*	
		For Class 54 Rating, Add	*5,887.27*	
		For Class 55 Rating, Add	*8,777.60*	
		For Class 56 Rating, Add	*11,629.01*	
40 05 19 00-0499	EA	42" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	44,142.38	2,702.97
		For Class 52 Rating, Deduct	*-4,405.17*	
		For Class 54 Rating, Add	*6,056.19*	
		For Class 55 Rating, Add	*9,028.76*	
		For Class 56 Rating, Add	*11,961.29*	
40 05 19 00-0500	EA	42" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	45,262.82	2,706.95
		For Class 52 Rating, Deduct	*-4,527.75*	
		For Class 54 Rating, Add	*6,223.42*	
		For Class 55 Rating, Add	*9,277.42*	
		For Class 56 Rating, Add	*12,290.26*	
40 05 19 00-0501	EA	42" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	46,396.73	2,710.93
		For Class 52 Rating, Deduct	*-4,651.82*	
		For Class 54 Rating, Add	*6,392.68*	
		For Class 55 Rating, Add	*9,529.09*	
		For Class 56 Rating, Add	*12,623.20*	
40 05 19 00-0502	EA	42" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	47,517.16	2,714.90
		For Class 52 Rating, Deduct	*-4,774.40*	
		For Class 54 Rating, Add	*6,559.91*	
		For Class 55 Rating, Add	*9,777.74*	
		For Class 56 Rating, Add	*12,952.17*	
40 05 19 00-0503	EA	42" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	48,646.59	2,718.87
		For Class 52 Rating, Deduct	*-4,897.98*	
		For Class 54 Rating, Add	*6,728.50*	
		For Class 55 Rating, Add	*10,028.41*	
		For Class 56 Rating, Add	*13,283.79*	
40 05 19 00-0504	EA	42" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	49,769.27	2,722.85
		For Class 52 Rating, Deduct	*-5,020.81*	
		For Class 54 Rating, Add	*6,896.07*	
		For Class 55 Rating, Add	*10,277.57*	
		For Class 56 Rating, Add	*13,613.42*	
40 05 19 00-0505	EA	42" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	50,665.03	2,726.82
		For Class 52 Rating, Deduct	*-5,118.68*	
		For Class 54 Rating, Add	*7,029.60*	
		For Class 55 Rating, Add	*10,476.12*	
		For Class 56 Rating, Add	*13,876.11*	
40 05 19 00-0506	EA	42" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	52,021.37	2,730.80
		For Class 52 Rating, Deduct	*-5,267.22*	
		For Class 54 Rating, Add	*7,232.22*	
		For Class 55 Rating, Add	*10,777.39*	
		For Class 56 Rating, Add	*14,274.67*	
40 05 19 00-0507	EA	42" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	53,141.80	2,734.78
		For Class 52 Rating, Deduct	*-5,389.80*	
		For Class 54 Rating, Add	*7,399.45*	
		For Class 55 Rating, Add	*11,026.05*	
		For Class 56 Rating, Add	*14,603.64*	
40 05 19 00-0508	EA	42" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	54,273.48	2,738.75
		For Class 52 Rating, Deduct	*-5,513.62*	
		For Class 54 Rating, Add	*7,568.37*	
		For Class 55 Rating, Add	*11,277.21*	
		For Class 56 Rating, Add	*14,935.93*	
40 05 19 00-0509	EA	42" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	55,393.91	2,742.73
		For Class 52 Rating, Deduct	*-5,636.21*	
		For Class 54 Rating, Add	*7,735.61*	
		For Class 55 Rating, Add	*11,525.87*	
		For Class 56 Rating, Add	*15,264.89*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0510	EA	42" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	56,527.84	2,746.70
		For Class 52 Rating, Deduct	*-5,760.28*	
		For Class 54 Rating, Add	*7,904.87*	
		For Class 55 Rating, Add	*11,777.54*	
		For Class 56 Rating, Add	*15,597.84*	
40 05 19 00-0511	EA	42" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	57,646.02	2,750.67
		For Class 52 Rating, Deduct	*-5,882.62*	
		For Class 54 Rating, Add	*8,071.76*	
		For Class 55 Rating, Add	*12,025.69*	
		For Class 56 Rating, Add	*15,926.14*	
40 05 19 00-0512	EA	42" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	58,779.94	2,754.65
		For Class 52 Rating, Deduct	*-6,006.69*	
		For Class 54 Rating, Add	*8,241.02*	
		For Class 55 Rating, Add	*12,277.36*	
		For Class 56 Rating, Add	*16,259.09*	
40 05 19 00-0513	EA	42" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	59,900.37	2,758.62
		For Class 52 Rating, Deduct	*-6,129.27*	
		For Class 54 Rating, Add	*8,408.25*	
		For Class 55 Rating, Add	*12,526.02*	
		For Class 56 Rating, Add	*16,588.06*	
40 05 19 00-0514	EA	42" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	61,032.05	2,762.60
		For Class 52 Rating, Deduct	*-6,253.09*	
		For Class 54 Rating, Add	*8,577.17*	
		For Class 55 Rating, Add	*12,777.18*	
		For Class 56 Rating, Add	*16,920.34*	

40 05 19 00-0515 48" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0002)*

40 05 19 00-0516	EA	48" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	24,285.26	3,287.29
		For Class 52 Rating, Deduct	*-2,123.50*	
		For Class 54 Rating, Add	*2,955.45*	
		For Class 55 Rating, Add	*4,424.44*	
		For Class 56 Rating, Add	*5,874.14*	
40 05 19 00-0517	EA	48" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	25,933.69	3,291.27
		For Class 52 Rating, Deduct	*-2,304.16*	
		For Class 54 Rating, Add	*3,201.88*	
		For Class 55 Rating, Add	*4,790.85*	
		For Class 56 Rating, Add	*6,358.87*	
40 05 19 00-0518	EA	48" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	27,579.88	3,295.24
		For Class 52 Rating, Deduct	*-2,484.58*	
		For Class 54 Rating, Add	*3,447.98*	
		For Class 55 Rating, Add	*5,156.75*	
		For Class 56 Rating, Add	*6,842.93*	
40 05 19 00-0519	EA	48" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	29,239.55	3,299.22
		For Class 52 Rating, Deduct	*-2,666.48*	
		For Class 54 Rating, Add	*3,696.10*	
		For Class 55 Rating, Add	*5,525.65*	
		For Class 56 Rating, Add	*7,330.97*	
40 05 19 00-0520	EA	48" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	30,887.98	3,303.20
		For Class 52 Rating, Deduct	*-2,847.15*	
		For Class 54 Rating, Add	*3,942.53*	
		For Class 55 Rating, Add	*5,892.06*	
		For Class 56 Rating, Add	*7,815.70*	
40 05 19 00-0521	EA	48" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	32,536.41	3,307.17
		For Class 52 Rating, Deduct	*-3,027.81*	
		For Class 54 Rating, Add	*4,188.96*	
		For Class 55 Rating, Add	*6,258.46*	
		For Class 56 Rating, Add	*8,300.43*	
40 05 19 00-0522	EA	48" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	34,193.82	3,311.14
		For Class 52 Rating, Deduct	*-3,209.46*	
		For Class 54 Rating, Add	*4,436.74*	
		For Class 55 Rating, Add	*6,626.86*	
		For Class 56 Rating, Add	*8,787.80*	
40 05 19 00-0523	EA	48" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	35,844.51	3,315.12
		For Class 52 Rating, Deduct	*-3,390.38*	
		For Class 54 Rating, Add	*4,683.51*	
		For Class 55 Rating, Add	*6,993.77*	
		For Class 56 Rating, Add	*9,273.20*	
40 05 19 00-0524	EA	48" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	37,490.70	3,319.09
		For Class 52 Rating, Deduct	*-3,570.79*	
		For Class 54 Rating, Add	*4,929.61*	
		For Class 55 Rating, Add	*7,359.67*	
		For Class 56 Rating, Add	*9,757.26*	
40 05 19 00-0525	EA	48" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	39,150.36	3,323.07
		For Class 52 Rating, Deduct	*-3,752.70*	
		For Class 54 Rating, Add	*5,177.73*	
		For Class 55 Rating, Add	*7,728.58*	
		For Class 56 Rating, Add	*10,245.30*	
40 05 19 00-0526	EA	48" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	40,798.79	3,327.05
		For Class 52 Rating, Deduct	*-3,933.36*	
		For Class 54 Rating, Add	*5,424.16*	
		For Class 55 Rating, Add	*8,094.98*	
		For Class 56 Rating, Add	*10,730.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0527	EA	48" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	42,458.47	3,331.02
		For Class 52 Rating, Deduct	*-4,115.26*	
		For Class 54 Rating, Add	*5,672.28*	
		For Class 55 Rating, Add	*8,463.89*	
		For Class 56 Rating, Add	*11,218.08*	
40 05 19 00-0528	EA	48" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	44,104.65	3,335.00
		For Class 52 Rating, Deduct	*-4,295.68*	
		For Class 54 Rating, Add	*5,918.38*	
		For Class 55 Rating, Add	*8,829.79*	
		For Class 56 Rating, Add	*11,702.14*	
40 05 19 00-0529	EA	48" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	45,753.09	3,338.97
		For Class 52 Rating, Deduct	*-4,476.34*	
		For Class 54 Rating, Add	*6,164.81*	
		For Class 55 Rating, Add	*9,196.19*	
		For Class 56 Rating, Add	*12,186.87*	
40 05 19 00-0530	EA	48" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	47,412.76	3,342.94
		For Class 52 Rating, Deduct	*-4,658.25*	
		For Class 54 Rating, Add	*6,412.93*	
		For Class 55 Rating, Add	*9,565.10*	
		For Class 56 Rating, Add	*12,674.91*	
40 05 19 00-0531	EA	48" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	49,061.19	3,346.92
		For Class 52 Rating, Deduct	*-4,838.91*	
		For Class 54 Rating, Add	*6,659.37*	
		For Class 55 Rating, Add	*9,931.50*	
		For Class 56 Rating, Add	*13,159.64*	
40 05 19 00-0532	EA	48" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	50,707.37	3,350.89
		For Class 52 Rating, Deduct	*-5,019.33*	
		For Class 54 Rating, Add	*6,905.46*	
		For Class 55 Rating, Add	*10,297.40*	
		For Class 56 Rating, Add	*13,643.70*	
40 05 19 00-0533	EA	48" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	52,367.04	3,354.86
		For Class 52 Rating, Deduct	*-5,201.23*	
		For Class 54 Rating, Add	*7,153.58*	
		For Class 55 Rating, Add	*10,666.31*	
		For Class 56 Rating, Add	*14,131.75*	
40 05 19 00-0534	EA	48" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	54,015.48	3,358.85
		For Class 52 Rating, Deduct	*-5,381.90*	
		For Class 54 Rating, Add	*7,400.02*	
		For Class 55 Rating, Add	*11,032.71*	
		For Class 56 Rating, Add	*14,616.47*	
40 05 19 00-0535	EA	48" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	55,661.66	3,362.82
		For Class 52 Rating, Deduct	*-5,562.31*	
		For Class 54 Rating, Add	*7,646.11*	
		For Class 55 Rating, Add	*11,398.61*	
		For Class 56 Rating, Add	*15,100.54*	
40 05 19 00-0536	EA	48" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	57,321.34	3,366.79
		For Class 52 Rating, Deduct	*-5,744.21*	
		For Class 54 Rating, Add	*7,894.23*	
		For Class 55 Rating, Add	*11,767.52*	
		For Class 56 Rating, Add	*15,588.58*	
40 05 19 00-0537	EA	48" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	58,972.00	3,370.77
		For Class 52 Rating, Deduct	*-5,925.13*	
		For Class 54 Rating, Add	*8,141.00*	
		For Class 55 Rating, Add	*12,134.42*	
		For Class 56 Rating, Add	*16,073.97*	
40 05 19 00-0538	EA	48" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	60,618.20	3,374.74
		For Class 52 Rating, Deduct	*-6,105.54*	
		For Class 54 Rating, Add	*8,387.10*	
		For Class 55 Rating, Add	*12,500.32*	
		For Class 56 Rating, Add	*16,558.04*	
40 05 19 00-0539	EA	48" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	62,277.86	3,378.72
		For Class 52 Rating, Deduct	*-6,287.44*	
		For Class 54 Rating, Add	*8,635.22*	
		For Class 55 Rating, Add	*12,869.23*	
		For Class 56 Rating, Add	*17,046.08*	
40 05 19 00-0540	EA	48" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	63,926.30	3,382.69
		For Class 52 Rating, Deduct	*-6,468.11*	
		For Class 54 Rating, Add	*8,881.65*	
		For Class 55 Rating, Add	*13,235.63*	
		For Class 56 Rating, Add	*17,530.81*	
40 05 19 00-0541	EA	48" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	65,572.49	3,386.67
		For Class 52 Rating, Deduct	*-6,648.53*	
		For Class 54 Rating, Add	*9,127.75*	
		For Class 55 Rating, Add	*13,601.53*	
		For Class 56 Rating, Add	*18,014.87*	
40 05 19 00-0542	EA	48" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	67,232.14	3,390.65
		For Class 52 Rating, Deduct	*-6,830.43*	
		For Class 54 Rating, Add	*9,375.87*	
		For Class 55 Rating, Add	*13,970.44*	
		For Class 56 Rating, Add	*18,502.91*	
40 05 19 00-0543	EA	48" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	68,880.58	3,394.62
		For Class 52 Rating, Deduct	*-7,011.09*	
		For Class 54 Rating, Add	*9,622.30*	
		For Class 55 Rating, Add	*14,336.84*	
		For Class 56 Rating, Add	*18,987.64*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0544	EA	48" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	70,326.80	3,398.59
		For Class 52 Rating, Deduct	*-7,169.52*	
		For Class 54 Rating, Add	*9,838.41*	
		For Class 55 Rating, Add	*14,658.15*	
		For Class 56 Rating, Add	*19,412.72*	
40 05 19 00-0545	EA	48" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	72,188.69	3,402.57
		For Class 52 Rating, Deduct	*-7,373.66*	
		For Class 54 Rating, Add	*10,116.86*	
		For Class 55 Rating, Add	*15,072.15*	
		For Class 56 Rating, Add	*19,960.41*	
40 05 19 00-0546	EA	48" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	73,834.87	3,406.54
		For Class 52 Rating, Deduct	*-7,554.08*	
		For Class 54 Rating, Add	*10,362.95*	
		For Class 55 Rating, Add	*15,438.05*	
		For Class 56 Rating, Add	*20,444.48*	
40 05 19 00-0547	EA	48" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	75,496.79	3,410.51
		For Class 52 Rating, Deduct	*-7,736.23*	
		For Class 54 Rating, Add	*10,611.41*	
		For Class 55 Rating, Add	*15,807.46*	
		For Class 56 Rating, Add	*20,933.18*	
40 05 19 00-0548	EA	48" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	77,142.97	3,414.50
		For Class 52 Rating, Deduct	*-7,916.65*	
		For Class 54 Rating, Add	*10,857.51*	
		For Class 55 Rating, Add	*16,173.36*	
		For Class 56 Rating, Add	*21,417.25*	
40 05 19 00-0549	EA	48" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	78,789.16	3,418.47
		For Class 52 Rating, Deduct	*-8,097.06*	
		For Class 54 Rating, Add	*11,103.60*	
		For Class 55 Rating, Add	*16,539.26*	
		For Class 56 Rating, Add	*21,901.31*	
40 05 19 00-0550	EA	48" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	80,451.07	3,422.44
		For Class 52 Rating, Deduct	*-8,279.21*	
		For Class 54 Rating, Add	*11,352.06*	
		For Class 55 Rating, Add	*16,908.67*	
		For Class 56 Rating, Add	*22,390.02*	
40 05 19 00-0551	EA	48" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	82,097.26	3,426.42
		For Class 52 Rating, Deduct	*-8,459.63*	
		For Class 54 Rating, Add	*11,598.16*	
		For Class 55 Rating, Add	*17,274.57*	
		For Class 56 Rating, Add	*22,874.08*	
40 05 19 00-0552	EA	48" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	83,745.70	3,430.39
		For Class 52 Rating, Deduct	*-8,640.29*	
		For Class 54 Rating, Add	*11,844.59*	
		For Class 55 Rating, Add	*17,640.97*	
		For Class 56 Rating, Add	*23,358.81*	
40 05 19 00-0553	EA	48" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	85,405.35	3,434.37
		For Class 52 Rating, Deduct	*-8,822.19*	
		For Class 54 Rating, Add	*12,092.71*	
		For Class 55 Rating, Add	*18,009.88*	
		For Class 56 Rating, Add	*23,846.85*	

40 05 19 00-0554 Flanged End x Grooved End (FxG), Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0001)*

40 05 19 00-0555 4" Flanged End x Grooved End (FxG), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0554)*

40 05 19 00-0556	EA	4" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	657.56	181.90
		For Class 52 Rating, Deduct	*-42.02*	
		For Class 54 Rating, Add	*60.60*	
		For Class 55 Rating, Add	*91.79*	
		For Class 56 Rating, Add	*122.60*	
40 05 19 00-0557	EA	4" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	720.79	185.08
		For Class 52 Rating, Deduct	*-48.44*	
		For Class 54 Rating, Add	*69.42*	
		For Class 55 Rating, Add	*104.93*	
		For Class 56 Rating, Add	*140.00*	
40 05 19 00-0558	EA	4" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	784.02	188.26
		For Class 52 Rating, Deduct	*-54.87*	
		For Class 54 Rating, Add	*78.24*	
		For Class 55 Rating, Add	*118.08*	
		For Class 56 Rating, Add	*157.41*	
40 05 19 00-0559	EA	4" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	847.26	191.43
		For Class 52 Rating, Deduct	*-61.29*	
		For Class 54 Rating, Add	*87.06*	
		For Class 55 Rating, Add	*131.22*	
		For Class 56 Rating, Add	*174.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0560	EA	4" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	910.49	194.61
		For Class 52 Rating, Deduct	*-67.72*	
		For Class 54 Rating, Add	*95.88*	
		For Class 55 Rating, Add	*144.36*	
		For Class 56 Rating, Add	*192.22*	
40 05 19 00-0561	EA	4" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	973.72	197.79
		For Class 52 Rating, Deduct	*-74.14*	
		For Class 54 Rating, Add	*104.70*	
		For Class 55 Rating, Add	*157.50*	
		For Class 56 Rating, Add	*209.63*	
40 05 19 00-0562	EA	4" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,036.97	200.98
		For Class 52 Rating, Deduct	*-80.57*	
		For Class 54 Rating, Add	*113.52*	
		For Class 55 Rating, Add	*170.65*	
		For Class 56 Rating, Add	*227.04*	
40 05 19 00-0563	EA	4" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,100.20	204.16
		For Class 52 Rating, Deduct	*-87.00*	
		For Class 54 Rating, Add	*122.34*	
		For Class 55 Rating, Add	*183.79*	
		For Class 56 Rating, Add	*244.44*	
40 05 19 00-0564	EA	4" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,163.43	207.34
		For Class 52 Rating, Deduct	*-93.42*	
		For Class 54 Rating, Add	*131.16*	
		For Class 55 Rating, Add	*196.93*	
		For Class 56 Rating, Add	*261.85*	
40 05 19 00-0565	EA	4" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,226.67	210.52
		For Class 52 Rating, Deduct	*-99.85*	
		For Class 54 Rating, Add	*139.98*	
		For Class 55 Rating, Add	*210.07*	
		For Class 56 Rating, Add	*279.26*	
40 05 19 00-0566	EA	4" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,289.90	213.70
		For Class 52 Rating, Deduct	*-106.27*	
		For Class 54 Rating, Add	*148.80*	
		For Class 55 Rating, Add	*223.22*	
		For Class 56 Rating, Add	*296.66*	
40 05 19 00-0567	EA	4" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,353.13	216.88
		For Class 52 Rating, Deduct	*-112.70*	
		For Class 54 Rating, Add	*157.62*	
		For Class 55 Rating, Add	*236.36*	
		For Class 56 Rating, Add	*314.07*	
40 05 19 00-0568	EA	4" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,416.38	220.05
		For Class 52 Rating, Deduct	*-119.13*	
		For Class 54 Rating, Add	*166.45*	
		For Class 55 Rating, Add	*249.50*	
		For Class 56 Rating, Add	*331.48*	
40 05 19 00-0569	EA	4" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,479.61	223.23
		For Class 52 Rating, Deduct	*-125.55*	
		For Class 54 Rating, Add	*175.26*	
		For Class 55 Rating, Add	*262.64*	
		For Class 56 Rating, Add	*348.88*	
40 05 19 00-0570	EA	4" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,542.84	226.41
		For Class 52 Rating, Deduct	*-131.98*	
		For Class 54 Rating, Add	*184.09*	
		For Class 55 Rating, Add	*275.79*	
		For Class 56 Rating, Add	*366.29*	
40 05 19 00-0571	EA	4" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,606.08	229.60
		For Class 52 Rating, Deduct	*-138.40*	
		For Class 54 Rating, Add	*192.91*	
		For Class 55 Rating, Add	*288.93*	
		For Class 56 Rating, Add	*383.70*	
40 05 19 00-0572	EA	4" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,669.31	232.78
		For Class 52 Rating, Deduct	*-144.83*	
		For Class 54 Rating, Add	*201.73*	
		For Class 55 Rating, Add	*302.07*	
		For Class 56 Rating, Add	*401.10*	
40 05 19 00-0573	EA	4" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,732.54	235.96
		For Class 52 Rating, Deduct	*-151.25*	
		For Class 54 Rating, Add	*210.55*	
		For Class 55 Rating, Add	*315.21*	
		For Class 56 Rating, Add	*418.51*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0574	EA	4" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,795.79	239.14
		For Class 52 Rating, Deduct	*-157.68*	
		For Class 54 Rating, Add	*219.37*	
		For Class 55 Rating, Add	*328.36*	
		For Class 56 Rating, Add	*435.91*	
40 05 19 00-0575	EA	4" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,859.03	242.32
		For Class 52 Rating, Deduct	*-164.11*	
		For Class 54 Rating, Add	*228.19*	
		For Class 55 Rating, Add	*341.50*	
		For Class 56 Rating, Add	*453.32*	
40 05 19 00-0576	EA	4" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,922.25	245.50
		For Class 52 Rating, Deduct	*-170.53*	
		For Class 54 Rating, Add	*237.01*	
		For Class 55 Rating, Add	*354.64*	
		For Class 56 Rating, Add	*470.73*	
40 05 19 00-0577	EA	4" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,985.49	248.67
		For Class 52 Rating, Deduct	*-176.96*	
		For Class 54 Rating, Add	*245.83*	
		For Class 55 Rating, Add	*367.79*	
		For Class 56 Rating, Add	*488.13*	
40 05 19 00-0578	EA	4" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,048.72	251.85
		For Class 52 Rating, Deduct	*-183.38*	
		For Class 54 Rating, Add	*254.65*	
		For Class 55 Rating, Add	*380.93*	
		For Class 56 Rating, Add	*505.54*	
40 05 19 00-0579	EA	4" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,111.95	255.03
		For Class 52 Rating, Deduct	*-189.81*	
		For Class 54 Rating, Add	*263.47*	
		For Class 55 Rating, Add	*394.07*	
		For Class 56 Rating, Add	*522.95*	
40 05 19 00-0580	EA	4" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,175.19	258.22
		For Class 52 Rating, Deduct	*-196.24*	
		For Class 54 Rating, Add	*272.29*	
		For Class 55 Rating, Add	*407.21*	
		For Class 56 Rating, Add	*540.35*	
40 05 19 00-0581	EA	4" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,238.43	261.40
		For Class 52 Rating, Deduct	*-202.66*	
		For Class 54 Rating, Add	*281.11*	
		For Class 55 Rating, Add	*420.36*	
		For Class 56 Rating, Add	*557.76*	
40 05 19 00-0582	EA	4" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,301.66	264.58
		For Class 52 Rating, Deduct	*-209.09*	
		For Class 54 Rating, Add	*289.93*	
		For Class 55 Rating, Add	*433.50*	
		For Class 56 Rating, Add	*575.16*	
40 05 19 00-0583	EA	4" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,364.90	267.76
		For Class 52 Rating, Deduct	*-215.51*	
		For Class 54 Rating, Add	*298.75*	
		For Class 55 Rating, Add	*446.64*	
		For Class 56 Rating, Add	*592.57*	
40 05 19 00-0584	EA	4" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,428.13	270.94
		For Class 52 Rating, Deduct	*-221.94*	
		For Class 54 Rating, Add	*307.57*	
		For Class 55 Rating, Add	*459.78*	
		For Class 56 Rating, Add	*609.98*	
40 05 19 00-0585	EA	4" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,491.36	274.11
		For Class 52 Rating, Deduct	*-228.36*	
		For Class 54 Rating, Add	*316.39*	
		For Class 55 Rating, Add	*472.92*	
		For Class 56 Rating, Add	*627.38*	
40 05 19 00-0586	EA	4" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,554.60	277.29
		For Class 52 Rating, Deduct	*-234.79*	
		For Class 54 Rating, Add	*325.21*	
		For Class 55 Rating, Add	*486.07*	
		For Class 56 Rating, Add	*644.79*	
40 05 19 00-0587	EA	4" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,617.84	280.47
		For Class 52 Rating, Deduct	*-241.22*	
		For Class 54 Rating, Add	*334.03*	
		For Class 55 Rating, Add	*499.21*	
		For Class 56 Rating, Add	*662.20*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0588	EA	4" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,681.07	283.65
		For Class 52 Rating, Deduct	*-247.64*	
		For Class 54 Rating, Add	*342.85*	
		For Class 55 Rating, Add	*512.35*	
		For Class 56 Rating, Add	*679.60*	
40 05 19 00-0589	EA	4" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,744.31	286.84
		For Class 52 Rating, Deduct	*-254.07*	
		For Class 54 Rating, Add	*351.67*	
		For Class 55 Rating, Add	*525.50*	
		For Class 56 Rating, Add	*697.01*	
40 05 19 00-0590	EA	4" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,807.54	290.02
		For Class 52 Rating, Deduct	*-260.49*	
		For Class 54 Rating, Add	*360.49*	
		For Class 55 Rating, Add	*538.64*	
		For Class 56 Rating, Add	*714.42*	
40 05 19 00-0591	EA	4" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,870.77	293.20
		For Class 52 Rating, Deduct	*-266.92*	
		For Class 54 Rating, Add	*369.31*	
		For Class 55 Rating, Add	*551.78*	
		For Class 56 Rating, Add	*731.82*	
40 05 19 00-0592	EA	4" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,934.01	296.38
		For Class 52 Rating, Deduct	*-273.35*	
		For Class 54 Rating, Add	*378.13*	
		For Class 55 Rating, Add	*564.92*	
		For Class 56 Rating, Add	*749.23*	
40 05 19 00-0593	EA	4" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,997.25	299.56
		For Class 52 Rating, Deduct	*-279.77*	
		For Class 54 Rating, Add	*386.95*	
		For Class 55 Rating, Add	*578.07*	
		For Class 56 Rating, Add	*766.64*	
40 05 19 00-0594	EA	4" Flanged x Grooved (FxG), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,060.48	302.73
		For Class 52 Rating, Deduct	*-286.20*	
		For Class 54 Rating, Add	*395.77*	
		For Class 55 Rating, Add	*591.21*	
		For Class 56 Rating, Add	*784.04*	
40 05 19 00-0595		6" Flanged End x Grooved End (FxG), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0554)*		
40 05 19 00-0596	EA	6" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	820.97	228.96
		For Class 52 Rating, Deduct	*-52.15*	
		For Class 54 Rating, Add	*75.27*	
		For Class 55 Rating, Add	*114.04*	
		For Class 56 Rating, Add	*152.34*	
40 05 19 00-0597	EA	6" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	897.70	232.14
		For Class 52 Rating, Deduct	*-60.06*	
		For Class 54 Rating, Add	*86.12*	
		For Class 55 Rating, Add	*130.19*	
		For Class 56 Rating, Add	*173.72*	
40 05 19 00-0598	EA	6" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	974.41	235.31
		For Class 52 Rating, Deduct	*-67.97*	
		For Class 54 Rating, Add	*96.96*	
		For Class 55 Rating, Add	*146.34*	
		For Class 56 Rating, Add	*195.11*	
40 05 19 00-0599	EA	6" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,051.13	238.49
		For Class 52 Rating, Deduct	*-75.87*	
		For Class 54 Rating, Add	*107.80*	
		For Class 55 Rating, Add	*162.49*	
		For Class 56 Rating, Add	*216.49*	
40 05 19 00-0600	EA	6" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,127.85	241.68
		For Class 52 Rating, Deduct	*-83.78*	
		For Class 54 Rating, Add	*118.64*	
		For Class 55 Rating, Add	*178.64*	
		For Class 56 Rating, Add	*237.88*	
40 05 19 00-0601	EA	6" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,204.55	244.86
		For Class 52 Rating, Deduct	*-91.69*	
		For Class 54 Rating, Add	*129.49*	
		For Class 55 Rating, Add	*194.79*	
		For Class 56 Rating, Add	*259.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0602	EA	6" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,281.27	248.04
		For Class 52 Rating, Deduct	*-99.60*	
		For Class 54 Rating, Add	*140.33*	
		For Class 55 Rating, Add	*210.94*	
		For Class 56 Rating, Add	*280.64*	
40 05 19 00-0603	EA	6" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,358.00	251.22
		For Class 52 Rating, Deduct	*-107.51*	
		For Class 54 Rating, Add	*151.17*	
		For Class 55 Rating, Add	*227.09*	
		For Class 56 Rating, Add	*302.02*	
40 05 19 00-0604	EA	6" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,434.71	254.40
		For Class 52 Rating, Deduct	*-115.42*	
		For Class 54 Rating, Add	*162.01*	
		For Class 55 Rating, Add	*243.24*	
		For Class 56 Rating, Add	*323.41*	
40 05 19 00-0605	EA	6" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,511.42	257.58
		For Class 52 Rating, Deduct	*-123.33*	
		For Class 54 Rating, Add	*172.86*	
		For Class 55 Rating, Add	*259.38*	
		For Class 56 Rating, Add	*344.79*	
40 05 19 00-0606	EA	6" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,588.14	260.76
		For Class 52 Rating, Deduct	*-131.24*	
		For Class 54 Rating, Add	*183.70*	
		For Class 55 Rating, Add	*275.53*	
		For Class 56 Rating, Add	*366.17*	
40 05 19 00-0607	EA	6" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,664.85	263.93
		For Class 52 Rating, Deduct	*-139.14*	
		For Class 54 Rating, Add	*194.54*	
		For Class 55 Rating, Add	*291.68*	
		For Class 56 Rating, Add	*387.56*	
40 05 19 00-0608	EA	6" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,741.57	267.11
		For Class 52 Rating, Deduct	*-147.05*	
		For Class 54 Rating, Add	*205.38*	
		For Class 55 Rating, Add	*307.83*	
		For Class 56 Rating, Add	*408.94*	
40 05 19 00-0609	EA	6" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,818.28	270.30
		For Class 52 Rating, Deduct	*-154.96*	
		For Class 54 Rating, Add	*216.23*	
		For Class 55 Rating, Add	*323.98*	
		For Class 56 Rating, Add	*430.32*	
40 05 19 00-0610	EA	6" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,895.00	273.48
		For Class 52 Rating, Deduct	*-162.87*	
		For Class 54 Rating, Add	*227.07*	
		For Class 55 Rating, Add	*340.13*	
		For Class 56 Rating, Add	*451.71*	
40 05 19 00-0611	EA	6" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,971.72	276.66
		For Class 52 Rating, Deduct	*-170.78*	
		For Class 54 Rating, Add	*237.91*	
		For Class 55 Rating, Add	*356.28*	
		For Class 56 Rating, Add	*473.09*	
40 05 19 00-0612	EA	6" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,048.44	279.84
		For Class 52 Rating, Deduct	*-178.69*	
		For Class 54 Rating, Add	*248.75*	
		For Class 55 Rating, Add	*372.43*	
		For Class 56 Rating, Add	*494.47*	
40 05 19 00-0613	EA	6" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,125.14	283.02
		For Class 52 Rating, Deduct	*-186.60*	
		For Class 54 Rating, Add	*259.60*	
		For Class 55 Rating, Add	*388.57*	
		For Class 56 Rating, Add	*515.85*	
40 05 19 00-0614	EA	6" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,201.86	286.20
		For Class 52 Rating, Deduct	*-194.51*	
		For Class 54 Rating, Add	*270.44*	
		For Class 55 Rating, Add	*404.72*	
		For Class 56 Rating, Add	*537.24*	
40 05 19 00-0615	EA	6" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,278.58	289.38
		For Class 52 Rating, Deduct	*-202.41*	
		For Class 54 Rating, Add	*281.28*	
		For Class 55 Rating, Add	*420.87*	
		For Class 56 Rating, Add	*558.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0616	EA	6" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,355.30	292.55
		For Class 52 Rating, Deduct	*-210.32*	
		For Class 54 Rating, Add	*292.12*	
		For Class 55 Rating, Add	*437.02*	
		For Class 56 Rating, Add	*580.01*	
40 05 19 00-0617	EA	6" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,432.01	295.73
		For Class 52 Rating, Deduct	*-218.23*	
		For Class 54 Rating, Add	*302.97*	
		For Class 55 Rating, Add	*453.17*	
		For Class 56 Rating, Add	*601.39*	
40 05 19 00-0618	EA	6" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,508.73	298.92
		For Class 52 Rating, Deduct	*-226.14*	
		For Class 54 Rating, Add	*313.81*	
		For Class 55 Rating, Add	*469.32*	
		For Class 56 Rating, Add	*622.77*	
40 05 19 00-0619	EA	6" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,585.44	302.10
		For Class 52 Rating, Deduct	*-234.05*	
		For Class 54 Rating, Add	*324.65*	
		For Class 55 Rating, Add	*485.47*	
		For Class 56 Rating, Add	*644.16*	
40 05 19 00-0620	EA	6" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,662.16	305.28
		For Class 52 Rating, Deduct	*-241.96*	
		For Class 54 Rating, Add	*335.49*	
		For Class 55 Rating, Add	*501.62*	
		For Class 56 Rating, Add	*665.54*	
40 05 19 00-0621	EA	6" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,738.87	308.46
		For Class 52 Rating, Deduct	*-249.87*	
		For Class 54 Rating, Add	*346.33*	
		For Class 55 Rating, Add	*517.76*	
		For Class 56 Rating, Add	*686.92*	
40 05 19 00-0622	EA	6" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,815.59	311.64
		For Class 52 Rating, Deduct	*-257.78*	
		For Class 54 Rating, Add	*357.18*	
		For Class 55 Rating, Add	*533.91*	
		For Class 56 Rating, Add	*708.30*	
40 05 19 00-0623	EA	6" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,892.31	314.82
		For Class 52 Rating, Deduct	*-265.68*	
		For Class 54 Rating, Add	*368.02*	
		For Class 55 Rating, Add	*550.06*	
		For Class 56 Rating, Add	*729.69*	
40 05 19 00-0624	EA	6" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,969.03	317.99
		For Class 52 Rating, Deduct	*-273.59*	
		For Class 54 Rating, Add	*378.86*	
		For Class 55 Rating, Add	*566.21*	
		For Class 56 Rating, Add	*751.07*	
40 05 19 00-0625	EA	6" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,045.74	321.17
		For Class 52 Rating, Deduct	*-281.50*	
		For Class 54 Rating, Add	*389.71*	
		For Class 55 Rating, Add	*582.36*	
		For Class 56 Rating, Add	*772.46*	
40 05 19 00-0626	EA	6" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,122.45	324.35
		For Class 52 Rating, Deduct	*-289.41*	
		For Class 54 Rating, Add	*400.55*	
		For Class 55 Rating, Add	*598.51*	
		For Class 56 Rating, Add	*793.84*	
40 05 19 00-0627	EA	6" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,199.16	327.54
		For Class 52 Rating, Deduct	*-297.32*	
		For Class 54 Rating, Add	*411.39*	
		For Class 55 Rating, Add	*614.66*	
		For Class 56 Rating, Add	*815.22*	
40 05 19 00-0628	EA	6" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,275.88	330.72
		For Class 52 Rating, Deduct	*-305.23*	
		For Class 54 Rating, Add	*422.23*	
		For Class 55 Rating, Add	*630.81*	
		For Class 56 Rating, Add	*836.60*	
40 05 19 00-0629	EA	6" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,352.61	333.90
		For Class 52 Rating, Deduct	*-313.14*	
		For Class 54 Rating, Add	*433.08*	
		For Class 55 Rating, Add	*646.96*	
		For Class 56 Rating, Add	*857.99*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0630	EA	6" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,429.31	337.08
		For Class 52 Rating, Deduct	*-321.04*	
		For Class 54 Rating, Add	*443.92*	
		For Class 55 Rating, Add	*663.10*	
		For Class 56 Rating, Add	*879.37*	
40 05 19 00-0631	EA	6" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,506.03	340.26
		For Class 52 Rating, Deduct	*-328.95*	
		For Class 54 Rating, Add	*454.76*	
		For Class 55 Rating, Add	*679.25*	
		For Class 56 Rating, Add	*900.75*	
40 05 19 00-0632	EA	6" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,582.75	343.44
		For Class 52 Rating, Deduct	*-336.86*	
		For Class 54 Rating, Add	*465.60*	
		For Class 55 Rating, Add	*695.40*	
		For Class 56 Rating, Add	*922.14*	
40 05 19 00-0633	EA	6" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,659.46	346.61
		For Class 52 Rating, Deduct	*-344.77*	
		For Class 54 Rating, Add	*476.45*	
		For Class 55 Rating, Add	*711.55*	
		For Class 56 Rating, Add	*943.52*	
40 05 19 00-0634	EA	6" Flanged x Grooved (FxG), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,736.17	349.79
		For Class 52 Rating, Deduct	*-352.68*	
		For Class 54 Rating, Add	*487.29*	
		For Class 55 Rating, Add	*727.70*	
		For Class 56 Rating, Add	*964.90*	

40 05 19 00-0635 8" Flanged End x Grooved End (FxG), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0554)*

40 05 19 00-0636	EA	8" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,135.28	292.55
		For Class 52 Rating, Deduct	*-76.12*	
		For Class 54 Rating, Add	*109.12*	
		For Class 55 Rating, Add	*164.96*	
		For Class 56 Rating, Add	*220.10*	
40 05 19 00-0637	EA	8" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,238.96	295.73
		For Class 52 Rating, Deduct	*-87.00*	
		For Class 54 Rating, Add	*124.01*	
		For Class 55 Rating, Add	*187.12*	
		For Class 56 Rating, Add	*249.44*	
40 05 19 00-0638	EA	8" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,342.64	298.92
		For Class 52 Rating, Deduct	*-97.87*	
		For Class 54 Rating, Add	*138.89*	
		For Class 55 Rating, Add	*209.28*	
		For Class 56 Rating, Add	*278.78*	
40 05 19 00-0639	EA	8" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,446.31	302.10
		For Class 52 Rating, Deduct	*-108.74*	
		For Class 54 Rating, Add	*153.78*	
		For Class 55 Rating, Add	*231.44*	
		For Class 56 Rating, Add	*308.11*	
40 05 19 00-0640	EA	8" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,549.99	305.28
		For Class 52 Rating, Deduct	*-119.62*	
		For Class 54 Rating, Add	*168.67*	
		For Class 55 Rating, Add	*253.60*	
		For Class 56 Rating, Add	*337.45*	
40 05 19 00-0641	EA	8" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,653.67	308.46
		For Class 52 Rating, Deduct	*-130.49*	
		For Class 54 Rating, Add	*183.55*	
		For Class 55 Rating, Add	*275.76*	
		For Class 56 Rating, Add	*366.79*	
40 05 19 00-0642	EA	8" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,757.35	311.64
		For Class 52 Rating, Deduct	*-141.37*	
		For Class 54 Rating, Add	*198.44*	
		For Class 55 Rating, Add	*297.93*	
		For Class 56 Rating, Add	*396.12*	
40 05 19 00-0643	EA	8" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,861.03	314.82
		For Class 52 Rating, Deduct	*-152.24*	
		For Class 54 Rating, Add	*213.33*	
		For Class 55 Rating, Add	*320.09*	
		For Class 56 Rating, Add	*425.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0644	EA	8" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,964.71	317.99
		For Class 52 Rating, Deduct	*-163.12*	
		For Class 54 Rating, Add	*228.22*	
		For Class 55 Rating, Add	*342.25*	
		For Class 56 Rating, Add	*454.80*	
40 05 19 00-0645	EA	8" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,068.38	321.17
		For Class 52 Rating, Deduct	*-173.99*	
		For Class 54 Rating, Add	*243.10*	
		For Class 55 Rating, Add	*364.41*	
		For Class 56 Rating, Add	*484.13*	
40 05 19 00-0646	EA	8" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,172.06	324.35
		For Class 52 Rating, Deduct	*-184.87*	
		For Class 54 Rating, Add	*257.99*	
		For Class 55 Rating, Add	*386.57*	
		For Class 56 Rating, Add	*513.47*	
40 05 19 00-0647	EA	8" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,275.73	327.54
		For Class 52 Rating, Deduct	*-195.74*	
		For Class 54 Rating, Add	*272.88*	
		For Class 55 Rating, Add	*408.73*	
		For Class 56 Rating, Add	*542.81*	
40 05 19 00-0648	EA	8" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,379.40	330.72
		For Class 52 Rating, Deduct	*-206.62*	
		For Class 54 Rating, Add	*287.76*	
		For Class 55 Rating, Add	*430.89*	
		For Class 56 Rating, Add	*572.14*	
40 05 19 00-0649	EA	8" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,483.09	333.90
		For Class 52 Rating, Deduct	*-217.49*	
		For Class 54 Rating, Add	*302.65*	
		For Class 55 Rating, Add	*453.05*	
		For Class 56 Rating, Add	*601.48*	
40 05 19 00-0650	EA	8" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,586.76	337.08
		For Class 52 Rating, Deduct	*-228.36*	
		For Class 54 Rating, Add	*317.53*	
		For Class 55 Rating, Add	*475.21*	
		For Class 56 Rating, Add	*630.82*	
40 05 19 00-0651	EA	8" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,690.44	340.26
		For Class 52 Rating, Deduct	*-239.24*	
		For Class 54 Rating, Add	*332.42*	
		For Class 55 Rating, Add	*497.38*	
		For Class 56 Rating, Add	*660.15*	
40 05 19 00-0652	EA	8" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,794.12	343.44
		For Class 52 Rating, Deduct	*-250.11*	
		For Class 54 Rating, Add	*347.31*	
		For Class 55 Rating, Add	*519.54*	
		For Class 56 Rating, Add	*689.49*	
40 05 19 00-0653	EA	8" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,897.79	346.61
		For Class 52 Rating, Deduct	*-260.99*	
		For Class 54 Rating, Add	*362.20*	
		For Class 55 Rating, Add	*541.70*	
		For Class 56 Rating, Add	*718.83*	
40 05 19 00-0654	EA	8" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,001.47	349.79
		For Class 52 Rating, Deduct	*-271.86*	
		For Class 54 Rating, Add	*377.08*	
		For Class 55 Rating, Add	*563.86*	
		For Class 56 Rating, Add	*748.17*	
40 05 19 00-0655	EA	8" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,105.16	352.97
		For Class 52 Rating, Deduct	*-282.74*	
		For Class 54 Rating, Add	*391.97*	
		For Class 55 Rating, Add	*586.02*	
		For Class 56 Rating, Add	*777.50*	
40 05 19 00-0656	EA	8" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,208.83	356.16
		For Class 52 Rating, Deduct	*-293.61*	
		For Class 54 Rating, Add	*406.86*	
		For Class 55 Rating, Add	*608.18*	
		For Class 56 Rating, Add	*806.84*	
40 05 19 00-0657	EA	8" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,312.51	359.34
		For Class 52 Rating, Deduct	*-304.49*	
		For Class 54 Rating, Add	*421.74*	
		For Class 55 Rating, Add	*630.34*	
		For Class 56 Rating, Add	*836.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0658	EA	8" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,416.19	362.52
		For Class 52 Rating, Deduct	*-315.36*	
		For Class 54 Rating, Add	*436.63*	
		For Class 55 Rating, Add	*652.51*	
		For Class 56 Rating, Add	*865.52*	
40 05 19 00-0659	EA	8" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,519.86	365.70
		For Class 52 Rating, Deduct	*-326.24*	
		For Class 54 Rating, Add	*451.52*	
		For Class 55 Rating, Add	*674.67*	
		For Class 56 Rating, Add	*894.85*	
40 05 19 00-0660	EA	8" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,623.54	368.88
		For Class 52 Rating, Deduct	*-337.11*	
		For Class 54 Rating, Add	*466.40*	
		For Class 55 Rating, Add	*696.83*	
		For Class 56 Rating, Add	*924.19*	
40 05 19 00-0661	EA	8" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,727.22	372.06
		For Class 52 Rating, Deduct	*-347.98*	
		For Class 54 Rating, Add	*481.29*	
		For Class 55 Rating, Add	*718.99*	
		For Class 56 Rating, Add	*953.52*	
40 05 19 00-0662	EA	8" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,830.89	375.23
		For Class 52 Rating, Deduct	*-358.86*	
		For Class 54 Rating, Add	*496.17*	
		For Class 55 Rating, Add	*741.15*	
		For Class 56 Rating, Add	*982.86*	
40 05 19 00-0663	EA	8" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,934.57	378.41
		For Class 52 Rating, Deduct	*-369.73*	
		For Class 54 Rating, Add	*511.06*	
		For Class 55 Rating, Add	*763.31*	
		For Class 56 Rating, Add	*1,012.20*	
40 05 19 00-0664	EA	8" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,038.25	381.59
		For Class 52 Rating, Deduct	*-380.61*	
		For Class 54 Rating, Add	*525.95*	
		For Class 55 Rating, Add	*785.47*	
		For Class 56 Rating, Add	*1,041.54*	
40 05 19 00-0665	EA	8" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,141.92	384.78
		For Class 52 Rating, Deduct	*-391.48*	
		For Class 54 Rating, Add	*540.84*	
		For Class 55 Rating, Add	*807.63*	
		For Class 56 Rating, Add	*1,070.87*	
40 05 19 00-0666	EA	8" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,245.60	387.96
		For Class 52 Rating, Deduct	*-402.36*	
		For Class 54 Rating, Add	*555.72*	
		For Class 55 Rating, Add	*829.79*	
		For Class 56 Rating, Add	*1,100.21*	
40 05 19 00-0667	EA	8" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,349.29	391.14
		For Class 52 Rating, Deduct	*-413.23*	
		For Class 54 Rating, Add	*570.61*	
		For Class 55 Rating, Add	*851.96*	
		For Class 56 Rating, Add	*1,129.55*	
40 05 19 00-0668	EA	8" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,452.96	394.32
		For Class 52 Rating, Deduct	*-424.11*	
		For Class 54 Rating, Add	*585.50*	
		For Class 55 Rating, Add	*874.12*	
		For Class 56 Rating, Add	*1,158.88*	
40 05 19 00-0669	EA	8" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,556.64	397.50
		For Class 52 Rating, Deduct	*-434.98*	
		For Class 54 Rating, Add	*600.38*	
		For Class 55 Rating, Add	*896.28*	
		For Class 56 Rating, Add	*1,188.22*	
40 05 19 00-0670	EA	8" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,660.32	400.67
		For Class 52 Rating, Deduct	*-445.86*	
		For Class 54 Rating, Add	*615.27*	
		For Class 55 Rating, Add	*918.44*	
		For Class 56 Rating, Add	*1,217.56*	
40 05 19 00-0671	EA	8" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,763.99	403.85
		For Class 52 Rating, Deduct	*-456.73*	
		For Class 54 Rating, Add	*630.16*	
		For Class 55 Rating, Add	*940.60*	
		For Class 56 Rating, Add	*1,246.89*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0672	EA	8" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,867.67	407.03
		For Class 52 Rating, Deduct	*-467.60*	
		For Class 54 Rating, Add	*645.04*	
		For Class 55 Rating, Add	*962.76*	
		For Class 56 Rating, Add	*1,276.23*	
40 05 19 00-0673	EA	8" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,971.33	410.21
		For Class 52 Rating, Deduct	*-478.48*	
		For Class 54 Rating, Add	*659.93*	
		For Class 55 Rating, Add	*984.92*	
		For Class 56 Rating, Add	*1,305.57*	
40 05 19 00-0674	EA	8" Flanged x Grooved (FxG), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,075.02	413.40
		For Class 52 Rating, Deduct	*-489.35*	
		For Class 54 Rating, Add	*674.82*	
		For Class 55 Rating, Add	*1,007.08*	
		For Class 56 Rating, Add	*1,334.90*	

40 05 19 00-0675 10" Flanged End x Grooved End (FxG), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0554)*

40 05 19 00-0676	EA	10" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,424.87	356.16
		For Class 52 Rating, Deduct	*-97.38*	
		For Class 54 Rating, Add	*139.26*	
		For Class 55 Rating, Add	*210.36*	
		For Class 56 Rating, Add	*280.57*	
40 05 19 00-0677	EA	10" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,560.00	359.34
		For Class 52 Rating, Deduct	*-111.71*	
		For Class 54 Rating, Add	*158.87*	
		For Class 55 Rating, Add	*239.53*	
		For Class 56 Rating, Add	*319.19*	
40 05 19 00-0678	EA	10" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,695.14	362.52
		For Class 52 Rating, Deduct	*-126.05*	
		For Class 54 Rating, Add	*178.47*	
		For Class 55 Rating, Add	*268.71*	
		For Class 56 Rating, Add	*357.81*	
40 05 19 00-0679	EA	10" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,830.26	365.70
		For Class 52 Rating, Deduct	*-140.38*	
		For Class 54 Rating, Add	*198.08*	
		For Class 55 Rating, Add	*297.89*	
		For Class 56 Rating, Add	*396.42*	
40 05 19 00-0680	EA	10" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,965.40	368.88
		For Class 52 Rating, Deduct	*-154.72*	
		For Class 54 Rating, Add	*217.68*	
		For Class 55 Rating, Add	*327.06*	
		For Class 56 Rating, Add	*435.04*	
40 05 19 00-0681	EA	10" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,100.54	372.06
		For Class 52 Rating, Deduct	*-169.05*	
		For Class 54 Rating, Add	*237.29*	
		For Class 55 Rating, Add	*356.24*	
		For Class 56 Rating, Add	*473.65*	
40 05 19 00-0682	EA	10" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,235.67	375.23
		For Class 52 Rating, Deduct	*-183.38*	
		For Class 54 Rating, Add	*256.89*	
		For Class 55 Rating, Add	*385.41*	
		For Class 56 Rating, Add	*512.27*	
40 05 19 00-0683	EA	10" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,370.80	378.41
		For Class 52 Rating, Deduct	*-197.72*	
		For Class 54 Rating, Add	*276.50*	
		For Class 55 Rating, Add	*414.59*	
		For Class 56 Rating, Add	*550.89*	
40 05 19 00-0684	EA	10" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,505.93	381.59
		For Class 52 Rating, Deduct	*-212.05*	
		For Class 54 Rating, Add	*296.10*	
		For Class 55 Rating, Add	*443.76*	
		For Class 56 Rating, Add	*589.50*	
40 05 19 00-0685	EA	10" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,641.06	384.78
		For Class 52 Rating, Deduct	*-226.39*	
		For Class 54 Rating, Add	*315.71*	
		For Class 55 Rating, Add	*472.94*	
		For Class 56 Rating, Add	*628.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0686	EA	10" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,776.19	387.96
		For Class 52 Rating, Deduct	*-240.72*	
		For Class 54 Rating, Add	*335.31*	
		For Class 55 Rating, Add	*502.12*	
		For Class 56 Rating, Add	*666.73*	
40 05 19 00-0687	EA	10" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,911.34	391.14
		For Class 52 Rating, Deduct	*-255.06*	
		For Class 54 Rating, Add	*354.92*	
		For Class 55 Rating, Add	*531.29*	
		For Class 56 Rating, Add	*705.35*	
40 05 19 00-0688	EA	10" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,046.46	394.32
		For Class 52 Rating, Deduct	*-269.39*	
		For Class 54 Rating, Add	*374.52*	
		For Class 55 Rating, Add	*560.47*	
		For Class 56 Rating, Add	*743.97*	
40 05 19 00-0689	EA	10" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,181.60	397.50
		For Class 52 Rating, Deduct	*-283.73*	
		For Class 54 Rating, Add	*394.13*	
		For Class 55 Rating, Add	*589.65*	
		For Class 56 Rating, Add	*782.58*	
40 05 19 00-0690	EA	10" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,316.73	400.67
		For Class 52 Rating, Deduct	*-298.06*	
		For Class 54 Rating, Add	*413.73*	
		For Class 55 Rating, Add	*618.82*	
		For Class 56 Rating, Add	*821.20*	
40 05 19 00-0691	EA	10" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,451.86	403.85
		For Class 52 Rating, Deduct	*-312.40*	
		For Class 54 Rating, Add	*433.34*	
		For Class 55 Rating, Add	*648.00*	
		For Class 56 Rating, Add	*859.82*	
40 05 19 00-0692	EA	10" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,586.99	407.03
		For Class 52 Rating, Deduct	*-326.73*	
		For Class 54 Rating, Add	*452.94*	
		For Class 55 Rating, Add	*677.17*	
		For Class 56 Rating, Add	*898.43*	
40 05 19 00-0693	EA	10" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,722.11	410.21
		For Class 52 Rating, Deduct	*-341.06*	
		For Class 54 Rating, Add	*472.55*	
		For Class 55 Rating, Add	*706.35*	
		For Class 56 Rating, Add	*937.05*	
40 05 19 00-0694	EA	10" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,857.26	413.40
		For Class 52 Rating, Deduct	*-355.40*	
		For Class 54 Rating, Add	*492.15*	
		For Class 55 Rating, Add	*735.52*	
		For Class 56 Rating, Add	*975.66*	
40 05 19 00-0695	EA	10" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,992.39	416.58
		For Class 52 Rating, Deduct	*-369.73*	
		For Class 54 Rating, Add	*511.76*	
		For Class 55 Rating, Add	*764.70*	
		For Class 56 Rating, Add	*1,014.28*	
40 05 19 00-0696	EA	10" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,127.52	419.76
		For Class 52 Rating, Deduct	*-384.07*	
		For Class 54 Rating, Add	*531.36*	
		For Class 55 Rating, Add	*793.87*	
		For Class 56 Rating, Add	*1,052.90*	
40 05 19 00-0697	EA	10" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,262.65	422.94
		For Class 52 Rating, Deduct	*-398.40*	
		For Class 54 Rating, Add	*550.97*	
		For Class 55 Rating, Add	*823.05*	
		For Class 56 Rating, Add	*1,091.51*	
40 05 19 00-0698	EA	10" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,397.79	426.12
		For Class 52 Rating, Deduct	*-412.74*	
		For Class 54 Rating, Add	*570.57*	
		For Class 55 Rating, Add	*852.23*	
		For Class 56 Rating, Add	*1,130.13*	
40 05 19 00-0699	EA	10" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,532.91	429.29
		For Class 52 Rating, Deduct	*-427.07*	
		For Class 54 Rating, Add	*590.18*	
		For Class 55 Rating, Add	*881.40*	
		For Class 56 Rating, Add	*1,168.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0700	EA	10" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,668.05	432.47
		For Class 52 Rating, Deduct	*-441.41*	
		For Class 54 Rating, Add	*609.78*	
		For Class 55 Rating, Add	*910.58*	
		For Class 56 Rating, Add	*1,207.36*	
40 05 19 00-0701	EA	10" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,803.19	435.65
		For Class 52 Rating, Deduct	*-455.74*	
		For Class 54 Rating, Add	*629.39*	
		For Class 55 Rating, Add	*939.75*	
		For Class 56 Rating, Add	*1,245.98*	
40 05 19 00-0702	EA	10" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,938.31	438.84
		For Class 52 Rating, Deduct	*-470.08*	
		For Class 54 Rating, Add	*648.99*	
		For Class 55 Rating, Add	*968.93*	
		For Class 56 Rating, Add	*1,284.59*	
40 05 19 00-0703	EA	10" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,073.45	442.02
		For Class 52 Rating, Deduct	*-484.41*	
		For Class 54 Rating, Add	*668.60*	
		For Class 55 Rating, Add	*998.11*	
		For Class 56 Rating, Add	*1,323.21*	
40 05 19 00-0704	EA	10" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,208.58	445.20
		For Class 52 Rating, Deduct	*-498.74*	
		For Class 54 Rating, Add	*688.20*	
		For Class 55 Rating, Add	*1,027.28*	
		For Class 56 Rating, Add	*1,361.83*	
40 05 19 00-0705	EA	10" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,343.71	448.38
		For Class 52 Rating, Deduct	*-513.08*	
		For Class 54 Rating, Add	*707.81*	
		For Class 55 Rating, Add	*1,056.46*	
		For Class 56 Rating, Add	*1,400.44*	
40 05 19 00-0706	EA	10" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,478.85	451.56
		For Class 52 Rating, Deduct	*-527.41*	
		For Class 54 Rating, Add	*727.41*	
		For Class 55 Rating, Add	*1,085.63*	
		For Class 56 Rating, Add	*1,439.06*	
40 05 19 00-0707	EA	10" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,613.99	454.74
		For Class 52 Rating, Deduct	*-541.75*	
		For Class 54 Rating, Add	*747.02*	
		For Class 55 Rating, Add	*1,114.81*	
		For Class 56 Rating, Add	*1,477.68*	
40 05 19 00-0708	EA	10" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,749.11	457.91
		For Class 52 Rating, Deduct	*-556.08*	
		For Class 54 Rating, Add	*766.62*	
		For Class 55 Rating, Add	*1,143.98*	
		For Class 56 Rating, Add	*1,516.29*	
40 05 19 00-0709	EA	10" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,884.24	461.09
		For Class 52 Rating, Deduct	*-570.42*	
		For Class 54 Rating, Add	*786.23*	
		For Class 55 Rating, Add	*1,173.16*	
		For Class 56 Rating, Add	*1,554.91*	
40 05 19 00-0710	EA	10" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,019.38	464.27
		For Class 52 Rating, Deduct	*-584.75*	
		For Class 54 Rating, Add	*805.83*	
		For Class 55 Rating, Add	*1,202.34*	
		For Class 56 Rating, Add	*1,593.52*	
40 05 19 00-0711	EA	10" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,154.50	467.46
		For Class 52 Rating, Deduct	*-599.09*	
		For Class 54 Rating, Add	*825.44*	
		For Class 55 Rating, Add	*1,231.51*	
		For Class 56 Rating, Add	*1,632.14*	
40 05 19 00-0712	EA	10" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,289.64	470.64
		For Class 52 Rating, Deduct	*-613.42*	
		For Class 54 Rating, Add	*845.04*	
		For Class 55 Rating, Add	*1,260.69*	
		For Class 56 Rating, Add	*1,670.76*	
40 05 19 00-0713	EA	10" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,424.78	473.82
		For Class 52 Rating, Deduct	*-627.76*	
		For Class 54 Rating, Add	*864.65*	
		For Class 55 Rating, Add	*1,289.86*	
		For Class 56 Rating, Add	*1,709.37*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0714	EA	10" Flanged x Grooved (FxG), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,559.91	477.00
		For Class 52 Rating, Deduct	*-642.09*	
		For Class 54 Rating, Add	*884.25*	
		For Class 55 Rating, Add	*1,319.04*	
		For Class 56 Rating, Add	*1,747.99*	

40 05 19 00-0715 12" Flanged End x Grooved End (FxG), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0554)*

40 05 19 00-0716	EA	12" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,847.37	445.20
		For Class 52 Rating, Deduct	*-129.01*	
		For Class 54 Rating, Add	*184.02*	
		For Class 55 Rating, Add	*277.73*	
		For Class 56 Rating, Add	*370.27*	
40 05 19 00-0717	EA	12" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,016.20	448.38
		For Class 52 Rating, Deduct	*-147.05*	
		For Class 54 Rating, Add	*208.68*	
		For Class 55 Rating, Add	*314.42*	
		For Class 56 Rating, Add	*418.83*	
40 05 19 00-0718	EA	12" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,185.04	451.56
		For Class 52 Rating, Deduct	*-165.09*	
		For Class 54 Rating, Add	*233.34*	
		For Class 55 Rating, Add	*351.11*	
		For Class 56 Rating, Add	*467.38*	
40 05 19 00-0719	EA	12" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,353.88	454.74
		For Class 52 Rating, Deduct	*-183.14*	
		For Class 54 Rating, Add	*258.00*	
		For Class 55 Rating, Add	*387.80*	
		For Class 56 Rating, Add	*515.94*	
40 05 19 00-0720	EA	12" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,522.71	457.91
		For Class 52 Rating, Deduct	*-201.18*	
		For Class 54 Rating, Add	*282.66*	
		For Class 55 Rating, Add	*424.50*	
		For Class 56 Rating, Add	*564.50*	
40 05 19 00-0721	EA	12" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,691.54	461.09
		For Class 52 Rating, Deduct	*-219.22*	
		For Class 54 Rating, Add	*307.32*	
		For Class 55 Rating, Add	*461.19*	
		For Class 56 Rating, Add	*613.06*	
40 05 19 00-0722	EA	12" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,860.38	464.27
		For Class 52 Rating, Deduct	*-237.26*	
		For Class 54 Rating, Add	*331.98*	
		For Class 55 Rating, Add	*497.88*	
		For Class 56 Rating, Add	*661.62*	
40 05 19 00-0723	EA	12" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,029.20	467.46
		For Class 52 Rating, Deduct	*-255.30*	
		For Class 54 Rating, Add	*356.64*	
		For Class 55 Rating, Add	*534.57*	
		For Class 56 Rating, Add	*710.17*	
40 05 19 00-0724	EA	12" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,198.04	470.64
		For Class 52 Rating, Deduct	*-273.35*	
		For Class 54 Rating, Add	*381.30*	
		For Class 55 Rating, Add	*571.26*	
		For Class 56 Rating, Add	*758.73*	
40 05 19 00-0725	EA	12" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,366.89	473.82
		For Class 52 Rating, Deduct	*-291.39*	
		For Class 54 Rating, Add	*405.96*	
		For Class 55 Rating, Add	*607.95*	
		For Class 56 Rating, Add	*807.29*	
40 05 19 00-0726	EA	12" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,535.71	477.00
		For Class 52 Rating, Deduct	*-309.43*	
		For Class 54 Rating, Add	*430.62*	
		For Class 55 Rating, Add	*644.64*	
		For Class 56 Rating, Add	*855.85*	
40 05 19 00-0727	EA	12" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,704.55	480.18
		For Class 52 Rating, Deduct	*-327.47*	
		For Class 54 Rating, Add	*455.28*	
		For Class 55 Rating, Add	*681.33*	
		For Class 56 Rating, Add	*904.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0728	EA	12" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,873.39	483.35
		For Class 52 Rating, Deduct	*-345.51*	
		For Class 54 Rating, Add	*479.94*	
		For Class 55 Rating, Add	*718.03*	
		For Class 56 Rating, Add	*952.97*	
40 05 19 00-0729	EA	12" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,042.21	486.53
		For Class 52 Rating, Deduct	*-363.55*	
		For Class 54 Rating, Add	*504.60*	
		For Class 55 Rating, Add	*754.72*	
		For Class 56 Rating, Add	*1,001.52*	
40 05 19 00-0730	EA	12" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,211.05	489.71
		For Class 52 Rating, Deduct	*-381.60*	
		For Class 54 Rating, Add	*529.26*	
		For Class 55 Rating, Add	*791.41*	
		For Class 56 Rating, Add	*1,050.08*	
40 05 19 00-0731	EA	12" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,379.90	492.89
		For Class 52 Rating, Deduct	*-399.64*	
		For Class 54 Rating, Add	*553.92*	
		For Class 55 Rating, Add	*828.10*	
		For Class 56 Rating, Add	*1,098.64*	
40 05 19 00-0732	EA	12" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,548.72	496.08
		For Class 52 Rating, Deduct	*-417.68*	
		For Class 54 Rating, Add	*578.58*	
		For Class 55 Rating, Add	*864.79*	
		For Class 56 Rating, Add	*1,147.20*	
40 05 19 00-0733	EA	12" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,717.56	499.26
		For Class 52 Rating, Deduct	*-435.72*	
		For Class 54 Rating, Add	*603.24*	
		For Class 55 Rating, Add	*901.48*	
		For Class 56 Rating, Add	*1,195.76*	
40 05 19 00-0734	EA	12" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,886.38	502.44
		For Class 52 Rating, Deduct	*-453.76*	
		For Class 54 Rating, Add	*627.90*	
		For Class 55 Rating, Add	*938.17*	
		For Class 56 Rating, Add	*1,244.32*	
40 05 19 00-0735	EA	12" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,055.22	505.62
		For Class 52 Rating, Deduct	*-471.81*	
		For Class 54 Rating, Add	*652.56*	
		For Class 55 Rating, Add	*974.86*	
		For Class 56 Rating, Add	*1,292.88*	
40 05 19 00-0736	EA	12" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,224.06	508.80
		For Class 52 Rating, Deduct	*-489.85*	
		For Class 54 Rating, Add	*677.22*	
		For Class 55 Rating, Add	*1,011.56*	
		For Class 56 Rating, Add	*1,341.43*	
40 05 19 00-0737	EA	12" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,392.89	511.97
		For Class 52 Rating, Deduct	*-507.89*	
		For Class 54 Rating, Add	*701.88*	
		For Class 55 Rating, Add	*1,048.25*	
		For Class 56 Rating, Add	*1,389.99*	
40 05 19 00-0738	EA	12" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,561.73	515.15
		For Class 52 Rating, Deduct	*-525.93*	
		For Class 54 Rating, Add	*726.54*	
		For Class 55 Rating, Add	*1,084.94*	
		For Class 56 Rating, Add	*1,438.55*	
40 05 19 00-0739	EA	12" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,730.57	518.33
		For Class 52 Rating, Deduct	*-543.97*	
		For Class 54 Rating, Add	*751.21*	
		For Class 55 Rating, Add	*1,121.63*	
		For Class 56 Rating, Add	*1,487.11*	
40 05 19 00-0740	EA	12" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,899.39	521.51
		For Class 52 Rating, Deduct	*-562.01*	
		For Class 54 Rating, Add	*775.87*	
		For Class 55 Rating, Add	*1,158.32*	
		For Class 56 Rating, Add	*1,535.67*	
40 05 19 00-0741	EA	12" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,068.23	524.70
		For Class 52 Rating, Deduct	*-580.06*	
		For Class 54 Rating, Add	*800.53*	
		For Class 55 Rating, Add	*1,195.01*	
		For Class 56 Rating, Add	*1,584.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0742	EA	12" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,237.07	527.88
		For Class 52 Rating, Deduct	*-598.10*	
		For Class 54 Rating, Add	*825.19*	
		For Class 55 Rating, Add	*1,231.70*	
		For Class 56 Rating, Add	*1,632.78*	
40 05 19 00-0743	EA	12" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,405.90	531.06
		For Class 52 Rating, Deduct	*-616.14*	
		For Class 54 Rating, Add	*849.85*	
		For Class 55 Rating, Add	*1,268.39*	
		For Class 56 Rating, Add	*1,681.34*	
40 05 19 00-0744	EA	12" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,574.74	534.24
		For Class 52 Rating, Deduct	*-634.18*	
		For Class 54 Rating, Add	*874.51*	
		For Class 55 Rating, Add	*1,305.09*	
		For Class 56 Rating, Add	*1,729.90*	
40 05 19 00-0745	EA	12" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,743.58	537.42
		For Class 52 Rating, Deduct	*-652.22*	
		For Class 54 Rating, Add	*899.17*	
		For Class 55 Rating, Add	*1,341.78*	
		For Class 56 Rating, Add	*1,778.46*	
40 05 19 00-0746	EA	12" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,912.40	540.59
		For Class 52 Rating, Deduct	*-670.27*	
		For Class 54 Rating, Add	*923.83*	
		For Class 55 Rating, Add	*1,378.47*	
		For Class 56 Rating, Add	*1,827.02*	
40 05 19 00-0747	EA	12" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,081.24	543.77
		For Class 52 Rating, Deduct	*-688.31*	
		For Class 54 Rating, Add	*948.49*	
		For Class 55 Rating, Add	*1,415.16*	
		For Class 56 Rating, Add	*1,875.58*	
40 05 19 00-0748	EA	12" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,250.07	546.95
		For Class 52 Rating, Deduct	*-706.35*	
		For Class 54 Rating, Add	*973.15*	
		For Class 55 Rating, Add	*1,451.85*	
		For Class 56 Rating, Add	*1,924.13*	
40 05 19 00-0749	EA	12" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,418.90	550.13
		For Class 52 Rating, Deduct	*-724.39*	
		For Class 54 Rating, Add	*997.81*	
		For Class 55 Rating, Add	*1,488.54*	
		For Class 56 Rating, Add	*1,972.69*	
40 05 19 00-0750	EA	12" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,587.75	553.32
		For Class 52 Rating, Deduct	*-742.43*	
		For Class 54 Rating, Add	*1,022.47*	
		For Class 55 Rating, Add	*1,525.23*	
		For Class 56 Rating, Add	*2,021.25*	
40 05 19 00-0751	EA	12" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,756.58	556.50
		For Class 52 Rating, Deduct	*-760.47*	
		For Class 54 Rating, Add	*1,047.13*	
		For Class 55 Rating, Add	*1,561.92*	
		For Class 56 Rating, Add	*2,069.81*	
40 05 19 00-0752	EA	12" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,925.41	559.68
		For Class 52 Rating, Deduct	*-778.52*	
		For Class 54 Rating, Add	*1,071.79*	
		For Class 55 Rating, Add	*1,598.62*	
		For Class 56 Rating, Add	*2,118.37*	
40 05 19 00-0753	EA	12" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,094.25	562.86
		For Class 52 Rating, Deduct	*-796.56*	
		For Class 54 Rating, Add	*1,096.45*	
		For Class 55 Rating, Add	*1,635.31*	
		For Class 56 Rating, Add	*2,166.93*	
40 05 19 00-0754	EA	12" Flanged x Grooved (FxG), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,263.08	566.03
		For Class 52 Rating, Deduct	*-814.60*	
		For Class 54 Rating, Add	*1,121.11*	
		For Class 55 Rating, Add	*1,672.00*	
		For Class 56 Rating, Add	*2,215.48*	

40 05 19 00-0755 14" Flanged End x Grooved End (FxG), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0554)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0756	EA	14" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,561.95	534.24
		For Class 52 Rating, Deduct	*-192.78*	
		For Class 54 Rating, Add	*272.59*	
		For Class 55 Rating, Add	*410.23*	
		For Class 56 Rating, Add	*546.13*	
40 05 19 00-0757	EA	14" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,766.74	537.42
		For Class 52 Rating, Deduct	*-214.77*	
		For Class 54 Rating, Add	*302.64*	
		For Class 55 Rating, Add	*454.94*	
		For Class 56 Rating, Add	*605.29*	
40 05 19 00-0758	EA	14" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,971.51	540.59
		For Class 52 Rating, Deduct	*-236.77*	
		For Class 54 Rating, Add	*332.69*	
		For Class 55 Rating, Add	*499.65*	
		For Class 56 Rating, Add	*664.45*	
40 05 19 00-0759	EA	14" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,176.30	543.77
		For Class 52 Rating, Deduct	*-258.76*	
		For Class 54 Rating, Add	*362.75*	
		For Class 55 Rating, Add	*544.36*	
		For Class 56 Rating, Add	*723.62*	
40 05 19 00-0760	EA	14" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,381.08	546.95
		For Class 52 Rating, Deduct	*-280.76*	
		For Class 54 Rating, Add	*392.80*	
		For Class 55 Rating, Add	*589.07*	
		For Class 56 Rating, Add	*782.78*	
40 05 19 00-0761	EA	14" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,585.86	550.13
		For Class 52 Rating, Deduct	*-302.76*	
		For Class 54 Rating, Add	*422.85*	
		For Class 55 Rating, Add	*633.77*	
		For Class 56 Rating, Add	*841.94*	
40 05 19 00-0762	EA	14" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,790.66	553.32
		For Class 52 Rating, Deduct	*-324.75*	
		For Class 54 Rating, Add	*452.91*	
		For Class 55 Rating, Add	*678.48*	
		For Class 56 Rating, Add	*901.11*	
40 05 19 00-0763	EA	14" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,995.44	556.50
		For Class 52 Rating, Deduct	*-346.75*	
		For Class 54 Rating, Add	*482.96*	
		For Class 55 Rating, Add	*723.19*	
		For Class 56 Rating, Add	*960.27*	
40 05 19 00-0764	EA	14" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,200.22	559.68
		For Class 52 Rating, Deduct	*-368.75*	
		For Class 54 Rating, Add	*513.01*	
		For Class 55 Rating, Add	*767.90*	
		For Class 56 Rating, Add	*1,019.44*	
40 05 19 00-0765	EA	14" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,405.00	562.86
		For Class 52 Rating, Deduct	*-390.74*	
		For Class 54 Rating, Add	*543.06*	
		For Class 55 Rating, Add	*812.61*	
		For Class 56 Rating, Add	*1,078.60*	
40 05 19 00-0766	EA	14" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,609.79	566.03
		For Class 52 Rating, Deduct	*-412.74*	
		For Class 54 Rating, Add	*573.12*	
		For Class 55 Rating, Add	*857.31*	
		For Class 56 Rating, Add	*1,137.76*	
40 05 19 00-0767	EA	14" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,814.56	569.21
		For Class 52 Rating, Deduct	*-434.73*	
		For Class 54 Rating, Add	*603.17*	
		For Class 55 Rating, Add	*902.02*	
		For Class 56 Rating, Add	*1,196.92*	
40 05 19 00-0768	EA	14" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,019.36	572.39
		For Class 52 Rating, Deduct	*-456.73*	
		For Class 54 Rating, Add	*633.22*	
		For Class 55 Rating, Add	*946.73*	
		For Class 56 Rating, Add	*1,256.09*	
40 05 19 00-0769	EA	14" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,224.14	575.57
		For Class 52 Rating, Deduct	*-478.73*	
		For Class 54 Rating, Add	*663.27*	
		For Class 55 Rating, Add	*991.44*	
		For Class 56 Rating, Add	*1,315.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0770	EA	14" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,428.92	578.75
		For Class 52 Rating, Deduct	*-500.72*	
		For Class 54 Rating, Add	*693.33*	
		For Class 55 Rating, Add	*1,036.15*	
		For Class 56 Rating, Add	*1,374.41*	
40 05 19 00-0771	EA	14" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,633.70	581.94
		For Class 52 Rating, Deduct	*-522.72*	
		For Class 54 Rating, Add	*723.38*	
		For Class 55 Rating, Add	*1,080.85*	
		For Class 56 Rating, Add	*1,433.58*	
40 05 19 00-0772	EA	14" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,838.49	585.12
		For Class 52 Rating, Deduct	*-544.71*	
		For Class 54 Rating, Add	*753.43*	
		For Class 55 Rating, Add	*1,125.56*	
		For Class 56 Rating, Add	*1,492.74*	
40 05 19 00-0773	EA	14" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,043.26	588.30
		For Class 52 Rating, Deduct	*-566.71*	
		For Class 54 Rating, Add	*783.48*	
		For Class 55 Rating, Add	*1,170.27*	
		For Class 56 Rating, Add	*1,551.90*	
40 05 19 00-0774	EA	14" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,248.06	591.48
		For Class 52 Rating, Deduct	*-588.71*	
		For Class 54 Rating, Add	*813.54*	
		For Class 55 Rating, Add	*1,214.98*	
		For Class 56 Rating, Add	*1,611.07*	
40 05 19 00-0775	EA	14" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,452.83	594.65
		For Class 52 Rating, Deduct	*-610.70*	
		For Class 54 Rating, Add	*843.59*	
		For Class 55 Rating, Add	*1,259.68*	
		For Class 56 Rating, Add	*1,670.23*	
40 05 19 00-0776	EA	14" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,657.62	597.83
		For Class 52 Rating, Deduct	*-632.70*	
		For Class 54 Rating, Add	*873.64*	
		For Class 55 Rating, Add	*1,304.39*	
		For Class 56 Rating, Add	*1,729.39*	
40 05 19 00-0777	EA	14" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,862.40	601.01
		For Class 52 Rating, Deduct	*-654.69*	
		For Class 54 Rating, Add	*903.69*	
		For Class 55 Rating, Add	*1,349.10*	
		For Class 56 Rating, Add	*1,788.55*	
40 05 19 00-0778	EA	14" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,067.18	604.19
		For Class 52 Rating, Deduct	*-676.69*	
		For Class 54 Rating, Add	*933.75*	
		For Class 55 Rating, Add	*1,393.81*	
		For Class 56 Rating, Add	*1,847.72*	
40 05 19 00-0779	EA	14" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,271.96	607.37
		For Class 52 Rating, Deduct	*-698.69*	
		For Class 54 Rating, Add	*963.80*	
		For Class 55 Rating, Add	*1,438.52*	
		For Class 56 Rating, Add	*1,906.88*	
40 05 19 00-0780	EA	14" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,476.75	610.56
		For Class 52 Rating, Deduct	*-720.68*	
		For Class 54 Rating, Add	*993.85*	
		For Class 55 Rating, Add	*1,483.22*	
		For Class 56 Rating, Add	*1,966.05*	
40 05 19 00-0781	EA	14" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,681.53	613.74
		For Class 52 Rating, Deduct	*-742.68*	
		For Class 54 Rating, Add	*1,023.90*	
		For Class 55 Rating, Add	*1,527.93*	
		For Class 56 Rating, Add	*2,025.21*	
40 05 19 00-0782	EA	14" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,886.32	616.92
		For Class 52 Rating, Deduct	*-764.68*	
		For Class 54 Rating, Add	*1,053.96*	
		For Class 55 Rating, Add	*1,572.64*	
		For Class 56 Rating, Add	*2,084.37*	
40 05 19 00-0783	EA	14" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,091.10	620.10
		For Class 52 Rating, Deduct	*-786.67*	
		For Class 54 Rating, Add	*1,084.01*	
		For Class 55 Rating, Add	*1,617.35*	
		For Class 56 Rating, Add	*2,143.53*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0784	EA	14" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,295.88	623.27
		For Class 52 Rating, Deduct	*-808.67*	
		For Class 54 Rating, Add	*1,114.06*	
		For Class 55 Rating, Add	*1,662.06*	
		For Class 56 Rating, Add	*2,202.70*	
40 05 19 00-0785	EA	14" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,500.66	626.45
		For Class 52 Rating, Deduct	*-830.66*	
		For Class 54 Rating, Add	*1,144.11*	
		For Class 55 Rating, Add	*1,706.76*	
		For Class 56 Rating, Add	*2,261.86*	
40 05 19 00-0786	EA	14" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,705.45	629.63
		For Class 52 Rating, Deduct	*-852.66*	
		For Class 54 Rating, Add	*1,174.17*	
		For Class 55 Rating, Add	*1,751.47*	
		For Class 56 Rating, Add	*2,321.02*	
40 05 19 00-0787	EA	14" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,910.24	632.81
		For Class 52 Rating, Deduct	*-874.66*	
		For Class 54 Rating, Add	*1,204.22*	
		For Class 55 Rating, Add	*1,796.18*	
		For Class 56 Rating, Add	*2,380.19*	
40 05 19 00-0788	EA	14" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,115.02	635.99
		For Class 52 Rating, Deduct	*-896.65*	
		For Class 54 Rating, Add	*1,234.27*	
		For Class 55 Rating, Add	*1,840.89*	
		For Class 56 Rating, Add	*2,439.35*	
40 05 19 00-0789	EA	14" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,319.81	639.18
		For Class 52 Rating, Deduct	*-918.65*	
		For Class 54 Rating, Add	*1,264.33*	
		For Class 55 Rating, Add	*1,885.60*	
		For Class 56 Rating, Add	*2,498.52*	
40 05 19 00-0790	EA	14" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,524.58	642.36
		For Class 52 Rating, Deduct	*-940.65*	
		For Class 54 Rating, Add	*1,294.38*	
		For Class 55 Rating, Add	*1,930.30*	
		For Class 56 Rating, Add	*2,557.68*	
40 05 19 00-0791	EA	14" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,729.37	645.54
		For Class 52 Rating, Deduct	*-962.64*	
		For Class 54 Rating, Add	*1,324.43*	
		For Class 55 Rating, Add	*1,975.01*	
		For Class 56 Rating, Add	*2,616.84*	
40 05 19 00-0792	EA	14" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,934.15	648.71
		For Class 52 Rating, Deduct	*-984.64*	
		For Class 54 Rating, Add	*1,354.48*	
		For Class 55 Rating, Add	*2,019.72*	
		For Class 56 Rating, Add	*2,676.00*	
40 05 19 00-0793	EA	14" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,138.94	651.89
		For Class 52 Rating, Deduct	*-1,006.63*	
		For Class 54 Rating, Add	*1,384.54*	
		For Class 55 Rating, Add	*2,064.43*	
		For Class 56 Rating, Add	*2,735.17*	

40 05 19 00-0794 16" Flanged End x Grooved End (FxG), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0554)*

40 05 19 00-0795	EA	16" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,998.88	610.56
		For Class 52 Rating, Deduct	*-228.12*	
		For Class 54 Rating, Add	*322.17*	
		For Class 55 Rating, Add	*484.66*	
		For Class 56 Rating, Add	*645.07*	
40 05 19 00-0796	EA	16" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,237.36	613.74
		For Class 52 Rating, Deduct	*-253.82*	
		For Class 54 Rating, Add	*357.28*	
		For Class 55 Rating, Add	*536.88*	
		For Class 56 Rating, Add	*714.18*	
40 05 19 00-0797	EA	16" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,475.85	616.92
		For Class 52 Rating, Deduct	*-279.52*	
		For Class 54 Rating, Add	*392.39*	
		For Class 55 Rating, Add	*589.11*	
		For Class 56 Rating, Add	*783.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0798	EA	16" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,714.34	620.10
		For Class 52 Rating, Deduct	*-305.23*	
		For Class 54 Rating, Add	*427.49*	
		For Class 55 Rating, Add	*641.33*	
		For Class 56 Rating, Add	*852.39*	
40 05 19 00-0799	EA	16" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,952.82	623.27
		For Class 52 Rating, Deduct	*-330.93*	
		For Class 54 Rating, Add	*462.60*	
		For Class 55 Rating, Add	*693.55*	
		For Class 56 Rating, Add	*921.50*	
40 05 19 00-0800	EA	16" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,191.30	626.45
		For Class 52 Rating, Deduct	*-356.63*	
		For Class 54 Rating, Add	*497.71*	
		For Class 55 Rating, Add	*745.78*	
		For Class 56 Rating, Add	*990.60*	
40 05 19 00-0801	EA	16" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,429.79	629.63
		For Class 52 Rating, Deduct	*-382.34*	
		For Class 54 Rating, Add	*532.82*	
		For Class 55 Rating, Add	*798.00*	
		For Class 56 Rating, Add	*1,059.70*	
40 05 19 00-0802	EA	16" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,668.28	632.81
		For Class 52 Rating, Deduct	*-408.04*	
		For Class 54 Rating, Add	*567.93*	
		For Class 55 Rating, Add	*850.22*	
		For Class 56 Rating, Add	*1,128.81*	
40 05 19 00-0803	EA	16" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,906.76	635.99
		For Class 52 Rating, Deduct	*-433.74*	
		For Class 54 Rating, Add	*603.03*	
		For Class 55 Rating, Add	*902.45*	
		For Class 56 Rating, Add	*1,197.91*	
40 05 19 00-0804	EA	16" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,122.78	639.18
		For Class 52 Rating, Deduct	*-456.98*	
		For Class 54 Rating, Add	*634.77*	
		For Class 55 Rating, Add	*949.66*	
		For Class 56 Rating, Add	*1,260.39*	
40 05 19 00-0805	EA	16" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,383.73	642.36
		For Class 52 Rating, Deduct	*-485.15*	
		For Class 54 Rating, Add	*673.25*	
		For Class 55 Rating, Add	*1,006.89*	
		For Class 56 Rating, Add	*1,336.13*	
40 05 19 00-0806	EA	16" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,622.22	645.54
		For Class 52 Rating, Deduct	*-510.86*	
		For Class 54 Rating, Add	*708.36*	
		For Class 55 Rating, Add	*1,059.12*	
		For Class 56 Rating, Add	*1,405.23*	
40 05 19 00-0807	EA	16" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,860.70	648.71
		For Class 52 Rating, Deduct	*-536.56*	
		For Class 54 Rating, Add	*743.46*	
		For Class 55 Rating, Add	*1,111.34*	
		For Class 56 Rating, Add	*1,474.34*	
40 05 19 00-0808	EA	16" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,099.19	651.89
		For Class 52 Rating, Deduct	*-562.26*	
		For Class 54 Rating, Add	*778.57*	
		For Class 55 Rating, Add	*1,163.56*	
		For Class 56 Rating, Add	*1,543.44*	
40 05 19 00-0809	EA	16" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,337.68	655.07
		For Class 52 Rating, Deduct	*-587.97*	
		For Class 54 Rating, Add	*813.68*	
		For Class 55 Rating, Add	*1,215.79*	
		For Class 56 Rating, Add	*1,612.55*	
40 05 19 00-0810	EA	16" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,576.16	658.25
		For Class 52 Rating, Deduct	*-613.67*	
		For Class 54 Rating, Add	*848.79*	
		For Class 55 Rating, Add	*1,268.01*	
		For Class 56 Rating, Add	*1,681.65*	
40 05 19 00-0811	EA	16" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,814.64	661.43
		For Class 52 Rating, Deduct	*-639.37*	
		For Class 54 Rating, Add	*883.90*	
		For Class 55 Rating, Add	*1,320.23*	
		For Class 56 Rating, Add	*1,750.76*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0812	EA	16" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,053.13	664.61
		For Class 52 Rating, Deduct	*-665.08*	
		For Class 54 Rating, Add	*919.00*	
		For Class 55 Rating, Add	*1,372.46*	
		For Class 56 Rating, Add	*1,819.86*	
40 05 19 00-0813	EA	16" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,291.62	667.80
		For Class 52 Rating, Deduct	*-690.78*	
		For Class 54 Rating, Add	*954.11*	
		For Class 55 Rating, Add	*1,424.68*	
		For Class 56 Rating, Add	*1,888.97*	
40 05 19 00-0814	EA	16" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,530.09	670.98
		For Class 52 Rating, Deduct	*-716.48*	
		For Class 54 Rating, Add	*989.22*	
		For Class 55 Rating, Add	*1,476.90*	
		For Class 56 Rating, Add	*1,958.07*	
40 05 19 00-0815	EA	16" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,768.59	674.16
		For Class 52 Rating, Deduct	*-742.19*	
		For Class 54 Rating, Add	*1,024.33*	
		For Class 55 Rating, Add	*1,529.13*	
		For Class 56 Rating, Add	*2,027.18*	
40 05 19 00-0816	EA	16" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,007.08	677.33
		For Class 52 Rating, Deduct	*-767.89*	
		For Class 54 Rating, Add	*1,059.44*	
		For Class 55 Rating, Add	*1,581.35*	
		For Class 56 Rating, Add	*2,096.28*	
40 05 19 00-0817	EA	16" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,245.55	680.51
		For Class 52 Rating, Deduct	*-793.59*	
		For Class 54 Rating, Add	*1,094.54*	
		For Class 55 Rating, Add	*1,633.57*	
		For Class 56 Rating, Add	*2,165.39*	
40 05 19 00-0818	EA	16" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,484.04	683.69
		For Class 52 Rating, Deduct	*-819.30*	
		For Class 54 Rating, Add	*1,129.65*	
		For Class 55 Rating, Add	*1,685.80*	
		For Class 56 Rating, Add	*2,234.49*	
40 05 19 00-0819	EA	16" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,722.52	686.87
		For Class 52 Rating, Deduct	*-845.00*	
		For Class 54 Rating, Add	*1,164.76*	
		For Class 55 Rating, Add	*1,738.02*	
		For Class 56 Rating, Add	*2,303.60*	
40 05 19 00-0820	EA	16" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,961.01	690.05
		For Class 52 Rating, Deduct	*-870.70*	
		For Class 54 Rating, Add	*1,199.87*	
		For Class 55 Rating, Add	*1,790.24*	
		For Class 56 Rating, Add	*2,372.71*	
40 05 19 00-0821	EA	16" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,199.50	693.23
		For Class 52 Rating, Deduct	*-896.41*	
		For Class 54 Rating, Add	*1,234.98*	
		For Class 55 Rating, Add	*1,842.47*	
		For Class 56 Rating, Add	*2,441.81*	
40 05 19 00-0822	EA	16" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,437.98	696.42
		For Class 52 Rating, Deduct	*-922.11*	
		For Class 54 Rating, Add	*1,270.08*	
		For Class 55 Rating, Add	*1,894.69*	
		For Class 56 Rating, Add	*2,510.92*	
40 05 19 00-0823	EA	16" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,676.47	699.60
		For Class 52 Rating, Deduct	*-947.81*	
		For Class 54 Rating, Add	*1,305.19*	
		For Class 55 Rating, Add	*1,946.91*	
		For Class 56 Rating, Add	*2,580.02*	
40 05 19 00-0824	EA	16" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,914.96	702.78
		For Class 52 Rating, Deduct	*-973.52*	
		For Class 54 Rating, Add	*1,340.30*	
		For Class 55 Rating, Add	*1,999.14*	
		For Class 56 Rating, Add	*2,649.13*	
40 05 19 00-0825	EA	16" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,153.43	705.95
		For Class 52 Rating, Deduct	*-999.22*	
		For Class 54 Rating, Add	*1,375.41*	
		For Class 55 Rating, Add	*2,051.36*	
		For Class 56 Rating, Add	*2,718.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0826	EA	16" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,391.92	709.13
		For Class 52 Rating, Deduct	*-1,024.92*	
		For Class 54 Rating, Add	*1,410.52*	
		For Class 55 Rating, Add	*2,103.58*	
		For Class 56 Rating, Add	*2,787.34*	
40 05 19 00-0827	EA	16" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,630.42	712.31
		For Class 52 Rating, Deduct	*-1,050.63*	
		For Class 54 Rating, Add	*1,445.62*	
		For Class 55 Rating, Add	*2,155.81*	
		For Class 56 Rating, Add	*2,856.44*	
40 05 19 00-0828	EA	16" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,868.89	715.49
		For Class 52 Rating, Deduct	*-1,076.33*	
		For Class 54 Rating, Add	*1,480.73*	
		For Class 55 Rating, Add	*2,208.03*	
		For Class 56 Rating, Add	*2,925.55*	
40 05 19 00-0829	EA	16" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,107.38	718.67
		For Class 52 Rating, Deduct	*-1,102.03*	
		For Class 54 Rating, Add	*1,515.84*	
		For Class 55 Rating, Add	*2,260.25*	
		For Class 56 Rating, Add	*2,994.65*	
40 05 19 00-0830	EA	16" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,345.87	721.86
		For Class 52 Rating, Deduct	*-1,127.74*	
		For Class 54 Rating, Add	*1,550.95*	
		For Class 55 Rating, Add	*2,312.48*	
		For Class 56 Rating, Add	*3,063.76*	
40 05 19 00-0831	EA	16" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,584.35	725.04
		For Class 52 Rating, Deduct	*-1,153.44*	
		For Class 54 Rating, Add	*1,586.06*	
		For Class 55 Rating, Add	*2,364.70*	
		For Class 56 Rating, Add	*3,132.86*	
40 05 19 00-0832	EA	16" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,822.83	728.22
		For Class 52 Rating, Deduct	*-1,179.14*	
		For Class 54 Rating, Add	*1,621.16*	
		For Class 55 Rating, Add	*2,416.92*	
		For Class 56 Rating, Add	*3,201.97*	

40 05 19 00-0833 18" Flanged End x Grooved End (FxG), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0554)*

40 05 19 00-0834	EA	18" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,502.90	688.15
		For Class 52 Rating, Deduct	*-270.63*	
		For Class 54 Rating, Add	*381.55*	
		For Class 55 Rating, Add	*573.66*	
		For Class 56 Rating, Add	*763.31*	
40 05 19 00-0835	EA	18" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,777.33	691.33
		For Class 52 Rating, Deduct	*-300.28*	
		For Class 54 Rating, Add	*422.05*	
		For Class 55 Rating, Add	*633.90*	
		For Class 56 Rating, Add	*843.02*	
40 05 19 00-0836	EA	18" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,051.76	694.51
		For Class 52 Rating, Deduct	*-329.94*	
		For Class 54 Rating, Add	*462.55*	
		For Class 55 Rating, Add	*694.14*	
		For Class 56 Rating, Add	*922.73*	
40 05 19 00-0837	EA	18" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,326.19	697.69
		For Class 52 Rating, Deduct	*-359.60*	
		For Class 54 Rating, Add	*503.05*	
		For Class 55 Rating, Add	*754.38*	
		For Class 56 Rating, Add	*1,002.44*	
40 05 19 00-0838	EA	18" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,600.63	700.87
		For Class 52 Rating, Deduct	*-389.26*	
		For Class 54 Rating, Add	*543.55*	
		For Class 55 Rating, Add	*814.62*	
		For Class 56 Rating, Add	*1,082.15*	
40 05 19 00-0839	EA	18" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,875.06	704.05
		For Class 52 Rating, Deduct	*-418.92*	
		For Class 54 Rating, Add	*584.05*	
		For Class 55 Rating, Add	*874.86*	
		For Class 56 Rating, Add	*1,161.86*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0840	EA	18" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,149.49	707.23
		For Class 52 Rating, Deduct	*-448.57*	
		For Class 54 Rating, Add	*624.55*	
		For Class 55 Rating, Add	*935.10*	
		For Class 56 Rating, Add	*1,241.57*	
40 05 19 00-0841	EA	18" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,423.94	710.41
		For Class 52 Rating, Deduct	*-478.23*	
		For Class 54 Rating, Add	*665.05*	
		For Class 55 Rating, Add	*995.34*	
		For Class 56 Rating, Add	*1,321.28*	
40 05 19 00-0842	EA	18" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,698.36	713.59
		For Class 52 Rating, Deduct	*-507.89*	
		For Class 54 Rating, Add	*705.55*	
		For Class 55 Rating, Add	*1,055.58*	
		For Class 56 Rating, Add	*1,400.99*	
40 05 19 00-0843	EA	18" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,972.80	716.77
		For Class 52 Rating, Deduct	*-537.55*	
		For Class 54 Rating, Add	*746.05*	
		For Class 55 Rating, Add	*1,115.82*	
		For Class 56 Rating, Add	*1,480.70*	
40 05 19 00-0844	EA	18" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,247.24	719.95
		For Class 52 Rating, Deduct	*-567.21*	
		For Class 54 Rating, Add	*786.55*	
		For Class 55 Rating, Add	*1,176.06*	
		For Class 56 Rating, Add	*1,560.41*	
40 05 19 00-0845	EA	18" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,521.66	723.13
		For Class 52 Rating, Deduct	*-596.86*	
		For Class 54 Rating, Add	*827.05*	
		For Class 55 Rating, Add	*1,236.30*	
		For Class 56 Rating, Add	*1,640.12*	
40 05 19 00-0846	EA	18" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,796.10	726.31
		For Class 52 Rating, Deduct	*-626.52*	
		For Class 54 Rating, Add	*867.55*	
		For Class 55 Rating, Add	*1,296.54*	
		For Class 56 Rating, Add	*1,719.83*	
40 05 19 00-0847	EA	18" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,070.53	729.49
		For Class 52 Rating, Deduct	*-656.18*	
		For Class 54 Rating, Add	*908.05*	
		For Class 55 Rating, Add	*1,356.78*	
		For Class 56 Rating, Add	*1,799.54*	
40 05 19 00-0848	EA	18" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,344.97	732.67
		For Class 52 Rating, Deduct	*-685.84*	
		For Class 54 Rating, Add	*948.55*	
		For Class 55 Rating, Add	*1,417.02*	
		For Class 56 Rating, Add	*1,879.25*	
40 05 19 00-0849	EA	18" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,619.41	735.85
		For Class 52 Rating, Deduct	*-715.49*	
		For Class 54 Rating, Add	*989.05*	
		For Class 55 Rating, Add	*1,477.26*	
		For Class 56 Rating, Add	*1,958.96*	
40 05 19 00-0850	EA	18" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,893.83	739.03
		For Class 52 Rating, Deduct	*-745.15*	
		For Class 54 Rating, Add	*1,029.55*	
		For Class 55 Rating, Add	*1,537.50*	
		For Class 56 Rating, Add	*2,038.67*	
40 05 19 00-0851	EA	18" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,168.27	742.21
		For Class 52 Rating, Deduct	*-774.81*	
		For Class 54 Rating, Add	*1,070.05*	
		For Class 55 Rating, Add	*1,597.74*	
		For Class 56 Rating, Add	*2,118.38*	
40 05 19 00-0852	EA	18" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,442.70	745.39
		For Class 52 Rating, Deduct	*-804.47*	
		For Class 54 Rating, Add	*1,110.55*	
		For Class 55 Rating, Add	*1,657.98*	
		For Class 56 Rating, Add	*2,198.09*	
40 05 19 00-0853	EA	18" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,717.14	748.57
		For Class 52 Rating, Deduct	*-834.12*	
		For Class 54 Rating, Add	*1,151.05*	
		For Class 55 Rating, Add	*1,718.22*	
		For Class 56 Rating, Add	*2,277.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0854	EA	18" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,991.58	751.75
		For Class 52 Rating, Deduct	*-863.78*	
		For Class 54 Rating, Add	*1,191.55*	
		For Class 55 Rating, Add	*1,778.46*	
		For Class 56 Rating, Add	*2,357.51*	
40 05 19 00-0855	EA	18" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,266.01	754.93
		For Class 52 Rating, Deduct	*-893.44*	
		For Class 54 Rating, Add	*1,232.05*	
		For Class 55 Rating, Add	*1,838.70*	
		For Class 56 Rating, Add	*2,437.22*	
40 05 19 00-0856	EA	18" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,540.44	758.11
		For Class 52 Rating, Deduct	*-923.10*	
		For Class 54 Rating, Add	*1,272.55*	
		For Class 55 Rating, Add	*1,898.94*	
		For Class 56 Rating, Add	*2,516.93*	
40 05 19 00-0857	EA	18" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,814.87	761.29
		For Class 52 Rating, Deduct	*-952.76*	
		For Class 54 Rating, Add	*1,313.05*	
		For Class 55 Rating, Add	*1,959.18*	
		For Class 56 Rating, Add	*2,596.64*	
40 05 19 00-0858	EA	18" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,089.31	764.47
		For Class 52 Rating, Deduct	*-982.41*	
		For Class 54 Rating, Add	*1,353.55*	
		For Class 55 Rating, Add	*2,019.42*	
		For Class 56 Rating, Add	*2,676.35*	
40 05 19 00-0859	EA	18" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,363.75	767.65
		For Class 52 Rating, Deduct	*-1,012.07*	
		For Class 54 Rating, Add	*1,394.05*	
		For Class 55 Rating, Add	*2,079.66*	
		For Class 56 Rating, Add	*2,756.06*	
40 05 19 00-0860	EA	18" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,638.18	770.83
		For Class 52 Rating, Deduct	*-1,041.73*	
		For Class 54 Rating, Add	*1,434.55*	
		For Class 55 Rating, Add	*2,139.90*	
		For Class 56 Rating, Add	*2,835.77*	
40 05 19 00-0861	EA	18" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,912.62	774.01
		For Class 52 Rating, Deduct	*-1,071.39*	
		For Class 54 Rating, Add	*1,475.05*	
		For Class 55 Rating, Add	*2,200.14*	
		For Class 56 Rating, Add	*2,915.48*	
40 05 19 00-0862	EA	18" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,187.04	777.19
		For Class 52 Rating, Deduct	*-1,101.04*	
		For Class 54 Rating, Add	*1,515.55*	
		For Class 55 Rating, Add	*2,260.38*	
		For Class 56 Rating, Add	*2,995.19*	
40 05 19 00-0863	EA	18" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,461.48	780.37
		For Class 52 Rating, Deduct	*-1,130.70*	
		For Class 54 Rating, Add	*1,556.05*	
		For Class 55 Rating, Add	*2,320.62*	
		For Class 56 Rating, Add	*3,074.90*	
40 05 19 00-0864	EA	18" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,735.92	783.55
		For Class 52 Rating, Deduct	*-1,160.36*	
		For Class 54 Rating, Add	*1,596.56*	
		For Class 55 Rating, Add	*2,380.86*	
		For Class 56 Rating, Add	*3,154.61*	
40 05 19 00-0865	EA	18" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,010.34	786.73
		For Class 52 Rating, Deduct	*-1,190.02*	
		For Class 54 Rating, Add	*1,637.06*	
		For Class 55 Rating, Add	*2,441.10*	
		For Class 56 Rating, Add	*3,234.32*	
40 05 19 00-0866	EA	18" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,284.79	789.91
		For Class 52 Rating, Deduct	*-1,219.68*	
		For Class 54 Rating, Add	*1,677.56*	
		For Class 55 Rating, Add	*2,501.34*	
		For Class 56 Rating, Add	*3,314.03*	
40 05 19 00-0867	EA	18" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,559.22	793.09
		For Class 52 Rating, Deduct	*-1,249.33*	
		For Class 54 Rating, Add	*1,718.06*	
		For Class 55 Rating, Add	*2,561.58*	
		For Class 56 Rating, Add	*3,393.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0868	EA	18" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,833.65	796.27
		For Class 52 Rating, Deduct	*-1,278.99*	
		For Class 54 Rating, Add	*1,758.56*	
		For Class 55 Rating, Add	*2,621.82*	
		For Class 56 Rating, Add	*3,473.45*	
40 05 19 00-0869	EA	18" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,108.09	799.45
		For Class 52 Rating, Deduct	*-1,308.65*	
		For Class 54 Rating, Add	*1,799.06*	
		For Class 55 Rating, Add	*2,682.06*	
		For Class 56 Rating, Add	*3,553.17*	
40 05 19 00-0870	EA	18" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,382.52	802.63
		For Class 52 Rating, Deduct	*-1,338.31*	
		For Class 54 Rating, Add	*1,839.56*	
		For Class 55 Rating, Add	*2,742.30*	
		For Class 56 Rating, Add	*3,632.87*	
40 05 19 00-0871	EA	18" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,656.95	805.81
		For Class 52 Rating, Deduct	*-1,367.96*	
		For Class 54 Rating, Add	*1,880.06*	
		For Class 55 Rating, Add	*2,802.54*	
		For Class 56 Rating, Add	*3,712.58*	

40 05 19 00-0872 20" Flanged End x Grooved End (FxG), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0554)*

40 05 19 00-0873	EA	20" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,063.74	785.46
		For Class 52 Rating, Deduct	*-316.10*	
		For Class 54 Rating, Add	*445.33*	
		For Class 55 Rating, Add	*669.39*	
		For Class 56 Rating, Add	*890.57*	
40 05 19 00-0874	EA	20" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,378.61	788.63
		For Class 52 Rating, Deduct	*-350.21*	
		For Class 54 Rating, Add	*491.90*	
		For Class 55 Rating, Add	*738.65*	
		For Class 56 Rating, Add	*982.21*	
40 05 19 00-0875	EA	20" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,693.49	791.81
		For Class 52 Rating, Deduct	*-384.31*	
		For Class 54 Rating, Add	*538.46*	
		For Class 55 Rating, Add	*807.90*	
		For Class 56 Rating, Add	*1,073.85*	
40 05 19 00-0876	EA	20" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,008.37	794.99
		For Class 52 Rating, Deduct	*-418.42*	
		For Class 54 Rating, Add	*585.03*	
		For Class 55 Rating, Add	*877.16*	
		For Class 56 Rating, Add	*1,165.49*	
40 05 19 00-0877	EA	20" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,323.24	798.17
		For Class 52 Rating, Deduct	*-452.53*	
		For Class 54 Rating, Add	*631.60*	
		For Class 55 Rating, Add	*946.42*	
		For Class 56 Rating, Add	*1,257.13*	
40 05 19 00-0878	EA	20" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,638.12	801.35
		For Class 52 Rating, Deduct	*-486.63*	
		For Class 54 Rating, Add	*678.16*	
		For Class 55 Rating, Add	*1,015.68*	
		For Class 56 Rating, Add	*1,348.78*	
40 05 19 00-0879	EA	20" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,953.00	804.53
		For Class 52 Rating, Deduct	*-520.74*	
		For Class 54 Rating, Add	*724.73*	
		For Class 55 Rating, Add	*1,084.94*	
		For Class 56 Rating, Add	*1,440.42*	
40 05 19 00-0880	EA	20" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,267.87	807.72
		For Class 52 Rating, Deduct	*-554.85*	
		For Class 54 Rating, Add	*771.30*	
		For Class 55 Rating, Add	*1,154.20*	
		For Class 56 Rating, Add	*1,532.06*	
40 05 19 00-0881	EA	20" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,582.74	810.90
		For Class 52 Rating, Deduct	*-588.95*	
		For Class 54 Rating, Add	*817.86*	
		For Class 55 Rating, Add	*1,223.46*	
		For Class 56 Rating, Add	*1,623.70*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0882	EA	20" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,897.63	814.07
		For Class 52 Rating, Deduct	*-623.06*	
		For Class 54 Rating, Add	*864.43*	
		For Class 55 Rating, Add	*1,292.71*	
		For Class 56 Rating, Add	*1,715.34*	
40 05 19 00-0883	EA	20" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,212.50	817.25
		For Class 52 Rating, Deduct	*-657.17*	
		For Class 54 Rating, Add	*911.00*	
		For Class 55 Rating, Add	*1,361.97*	
		For Class 56 Rating, Add	*1,806.98*	
40 05 19 00-0884	EA	20" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,527.38	820.43
		For Class 52 Rating, Deduct	*-691.27*	
		For Class 54 Rating, Add	*957.56*	
		For Class 55 Rating, Add	*1,431.23*	
		For Class 56 Rating, Add	*1,898.62*	
40 05 19 00-0885	EA	20" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,842.26	823.61
		For Class 52 Rating, Deduct	*-725.38*	
		For Class 54 Rating, Add	*1,004.13*	
		For Class 55 Rating, Add	*1,500.49*	
		For Class 56 Rating, Add	*1,990.26*	
40 05 19 00-0886	EA	20" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,157.13	826.79
		For Class 52 Rating, Deduct	*-759.49*	
		For Class 54 Rating, Add	*1,050.70*	
		For Class 55 Rating, Add	*1,569.75*	
		For Class 56 Rating, Add	*2,081.90*	
40 05 19 00-0887	EA	20" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,472.00	829.97
		For Class 52 Rating, Deduct	*-793.59*	
		For Class 54 Rating, Add	*1,097.26*	
		For Class 55 Rating, Add	*1,639.01*	
		For Class 56 Rating, Add	*2,173.54*	
40 05 19 00-0888	EA	20" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,786.89	833.15
		For Class 52 Rating, Deduct	*-827.70*	
		For Class 54 Rating, Add	*1,143.83*	
		For Class 55 Rating, Add	*1,708.27*	
		For Class 56 Rating, Add	*2,265.18*	
40 05 19 00-0889	EA	20" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,101.76	836.34
		For Class 52 Rating, Deduct	*-861.80*	
		For Class 54 Rating, Add	*1,190.39*	
		For Class 55 Rating, Add	*1,777.53*	
		For Class 56 Rating, Add	*2,356.82*	
40 05 19 00-0890	EA	20" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,416.64	839.52
		For Class 52 Rating, Deduct	*-895.91*	
		For Class 54 Rating, Add	*1,236.96*	
		For Class 55 Rating, Add	*1,846.78*	
		For Class 56 Rating, Add	*2,448.46*	
40 05 19 00-0891	EA	20" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,731.52	842.69
		For Class 52 Rating, Deduct	*-930.02*	
		For Class 54 Rating, Add	*1,283.53*	
		For Class 55 Rating, Add	*1,916.04*	
		For Class 56 Rating, Add	*2,540.10*	
40 05 19 00-0892	EA	20" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,046.39	845.87
		For Class 52 Rating, Deduct	*-964.12*	
		For Class 54 Rating, Add	*1,330.09*	
		For Class 55 Rating, Add	*1,985.30*	
		For Class 56 Rating, Add	*2,631.75*	
40 05 19 00-0893	EA	20" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,361.27	849.05
		For Class 52 Rating, Deduct	*-998.23*	
		For Class 54 Rating, Add	*1,376.66*	
		For Class 55 Rating, Add	*2,054.56*	
		For Class 56 Rating, Add	*2,723.39*	
40 05 19 00-0894	EA	20" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,676.15	852.23
		For Class 52 Rating, Deduct	*-1,032.34*	
		For Class 54 Rating, Add	*1,423.23*	
		For Class 55 Rating, Add	*2,123.82*	
		For Class 56 Rating, Add	*2,815.03*	
40 05 19 00-0895	EA	20" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,991.02	855.41
		For Class 52 Rating, Deduct	*-1,066.44*	
		For Class 54 Rating, Add	*1,469.79*	
		For Class 55 Rating, Add	*2,193.08*	
		For Class 56 Rating, Add	*2,906.67*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0896	EA	20" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,305.90	858.59
		For Class 52 Rating, Deduct	*-1,100.55*	
		For Class 54 Rating, Add	*1,516.36*	
		For Class 55 Rating, Add	*2,262.34*	
		For Class 56 Rating, Add	*2,998.31*	
40 05 19 00-0897	EA	20" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,620.78	861.77
		For Class 52 Rating, Deduct	*-1,134.66*	
		For Class 54 Rating, Add	*1,562.93*	
		For Class 55 Rating, Add	*2,331.60*	
		For Class 56 Rating, Add	*3,089.95*	
40 05 19 00-0898	EA	20" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,935.65	864.96
		For Class 52 Rating, Deduct	*-1,168.76*	
		For Class 54 Rating, Add	*1,609.49*	
		For Class 55 Rating, Add	*2,400.85*	
		For Class 56 Rating, Add	*3,181.59*	
40 05 19 00-0899	EA	20" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,250.53	868.14
		For Class 52 Rating, Deduct	*-1,202.87*	
		For Class 54 Rating, Add	*1,656.06*	
		For Class 55 Rating, Add	*2,470.11*	
		For Class 56 Rating, Add	*3,273.23*	
40 05 19 00-0900	EA	20" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,565.39	871.31
		For Class 52 Rating, Deduct	*-1,236.98*	
		For Class 54 Rating, Add	*1,702.63*	
		For Class 55 Rating, Add	*2,539.37*	
		For Class 56 Rating, Add	*3,364.87*	
40 05 19 00-0901	EA	20" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,880.28	874.49
		For Class 52 Rating, Deduct	*-1,271.08*	
		For Class 54 Rating, Add	*1,749.19*	
		For Class 55 Rating, Add	*2,608.63*	
		For Class 56 Rating, Add	*3,456.51*	
40 05 19 00-0902	EA	20" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,195.16	877.67
		For Class 52 Rating, Deduct	*-1,305.19*	
		For Class 54 Rating, Add	*1,795.76*	
		For Class 55 Rating, Add	*2,677.89*	
		For Class 56 Rating, Add	*3,548.15*	
40 05 19 00-0903	EA	20" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,510.03	880.85
		For Class 52 Rating, Deduct	*-1,339.30*	
		For Class 54 Rating, Add	*1,842.33*	
		For Class 55 Rating, Add	*2,747.15*	
		For Class 56 Rating, Add	*3,639.79*	
40 05 19 00-0904	EA	20" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,824.91	884.03
		For Class 52 Rating, Deduct	*-1,373.40*	
		For Class 54 Rating, Add	*1,888.89*	
		For Class 55 Rating, Add	*2,816.41*	
		For Class 56 Rating, Add	*3,731.43*	
40 05 19 00-0905	EA	20" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,139.79	887.21
		For Class 52 Rating, Deduct	*-1,407.51*	
		For Class 54 Rating, Add	*1,935.46*	
		For Class 55 Rating, Add	*2,885.67*	
		For Class 56 Rating, Add	*3,823.07*	
40 05 19 00-0906	EA	20" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,454.65	890.39
		For Class 52 Rating, Deduct	*-1,441.61*	
		For Class 54 Rating, Add	*1,982.03*	
		For Class 55 Rating, Add	*2,954.92*	
		For Class 56 Rating, Add	*3,914.71*	
40 05 19 00-0907	EA	20" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,769.54	893.58
		For Class 52 Rating, Deduct	*-1,475.72*	
		For Class 54 Rating, Add	*2,028.59*	
		For Class 55 Rating, Add	*3,024.18*	
		For Class 56 Rating, Add	*4,006.35*	
40 05 19 00-0908	EA	20" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,084.42	896.76
		For Class 52 Rating, Deduct	*-1,509.83*	
		For Class 54 Rating, Add	*2,075.16*	
		For Class 55 Rating, Add	*3,093.44*	
		For Class 56 Rating, Add	*4,098.00*	
40 05 19 00-0909	EA	20" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,399.29	899.93
		For Class 52 Rating, Deduct	*-1,543.93*	
		For Class 54 Rating, Add	*2,121.73*	
		For Class 55 Rating, Add	*3,162.70*	
		For Class 56 Rating, Add	*4,189.64*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0910	EA	20" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,714.17	903.11
		For Class 52 Rating, Deduct	*-1,578.04*	
		For Class 54 Rating, Add	*2,168.29*	
		For Class 55 Rating, Add	*3,231.96*	
		For Class 56 Rating, Add	*4,281.28*	

40 05 19 00-0911 24" Flanged End x Grooved End (FxG), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0554)*

40 05 19 00-0912	EA	24" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,037.72	928.55
		For Class 52 Rating, Deduct	*-399.39*	
		For Class 54 Rating, Add	*561.51*	
		For Class 55 Rating, Add	*843.44*	
		For Class 56 Rating, Add	*1,121.74*	
40 05 19 00-0913	EA	24" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,426.75	931.73
		For Class 52 Rating, Deduct	*-441.65*	
		For Class 54 Rating, Add	*619.20*	
		For Class 55 Rating, Add	*929.23*	
		For Class 56 Rating, Add	*1,235.26*	
40 05 19 00-0914	EA	24" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,815.77	934.91
		For Class 52 Rating, Deduct	*-483.92*	
		For Class 54 Rating, Add	*676.88*	
		For Class 55 Rating, Add	*1,015.03*	
		For Class 56 Rating, Add	*1,348.77*	
40 05 19 00-0915	EA	24" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,204.79	938.09
		For Class 52 Rating, Deduct	*-526.18*	
		For Class 54 Rating, Add	*734.57*	
		For Class 55 Rating, Add	*1,100.82*	
		For Class 56 Rating, Add	*1,462.28*	
40 05 19 00-0916	EA	24" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,593.81	941.27
		For Class 52 Rating, Deduct	*-568.44*	
		For Class 54 Rating, Add	*792.26*	
		For Class 55 Rating, Add	*1,186.61*	
		For Class 56 Rating, Add	*1,575.80*	
40 05 19 00-0917	EA	24" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,982.83	944.45
		For Class 52 Rating, Deduct	*-610.70*	
		For Class 54 Rating, Add	*849.95*	
		For Class 55 Rating, Add	*1,272.40*	
		For Class 56 Rating, Add	*1,689.31*	
40 05 19 00-0918	EA	24" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,371.85	947.63
		For Class 52 Rating, Deduct	*-652.97*	
		For Class 54 Rating, Add	*907.64*	
		For Class 55 Rating, Add	*1,358.20*	
		For Class 56 Rating, Add	*1,802.82*	
40 05 19 00-0919	EA	24" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,760.87	950.82
		For Class 52 Rating, Deduct	*-695.23*	
		For Class 54 Rating, Add	*965.32*	
		For Class 55 Rating, Add	*1,443.99*	
		For Class 56 Rating, Add	*1,916.34*	
40 05 19 00-0920	EA	24" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,149.90	953.99
		For Class 52 Rating, Deduct	*-737.49*	
		For Class 54 Rating, Add	*1,023.01*	
		For Class 55 Rating, Add	*1,529.78*	
		For Class 56 Rating, Add	*2,029.85*	
40 05 19 00-0921	EA	24" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,538.91	957.17
		For Class 52 Rating, Deduct	*-779.75*	
		For Class 54 Rating, Add	*1,080.70*	
		For Class 55 Rating, Add	*1,615.58*	
		For Class 56 Rating, Add	*2,143.36*	
40 05 19 00-0922	EA	24" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,927.94	960.35
		For Class 52 Rating, Deduct	*-822.01*	
		For Class 54 Rating, Add	*1,138.39*	
		For Class 55 Rating, Add	*1,701.37*	
		For Class 56 Rating, Add	*2,256.88*	
40 05 19 00-0923	EA	24" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,316.95	963.53
		For Class 52 Rating, Deduct	*-864.28*	
		For Class 54 Rating, Add	*1,196.08*	
		For Class 55 Rating, Add	*1,787.16*	
		For Class 56 Rating, Add	*2,370.39*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0924	EA	24" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,705.97	966.71
		For Class 52 Rating, Deduct	*-906.54*	
		For Class 54 Rating, Add	*1,253.77*	
		For Class 55 Rating, Add	*1,872.95*	
		For Class 56 Rating, Add	*2,483.90*	
40 05 19 00-0925	EA	24" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,095.00	969.89
		For Class 52 Rating, Deduct	*-948.80*	
		For Class 54 Rating, Add	*1,311.45*	
		For Class 55 Rating, Add	*1,958.75*	
		For Class 56 Rating, Add	*2,597.42*	
40 05 19 00-0926	EA	24" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,484.02	973.07
		For Class 52 Rating, Deduct	*-991.06*	
		For Class 54 Rating, Add	*1,369.14*	
		For Class 55 Rating, Add	*2,044.54*	
		For Class 56 Rating, Add	*2,710.93*	
40 05 19 00-0927	EA	24" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,873.04	976.25
		For Class 52 Rating, Deduct	*-1,033.33*	
		For Class 54 Rating, Add	*1,426.83*	
		For Class 55 Rating, Add	*2,130.33*	
		For Class 56 Rating, Add	*2,824.44*	
40 05 19 00-0928	EA	24" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,262.06	979.43
		For Class 52 Rating, Deduct	*-1,075.59*	
		For Class 54 Rating, Add	*1,484.52*	
		For Class 55 Rating, Add	*2,216.13*	
		For Class 56 Rating, Add	*2,937.95*	
40 05 19 00-0929	EA	24" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,651.08	982.61
		For Class 52 Rating, Deduct	*-1,117.85*	
		For Class 54 Rating, Add	*1,542.21*	
		For Class 55 Rating, Add	*2,301.92*	
		For Class 56 Rating, Add	*3,051.47*	
40 05 19 00-0930	EA	24" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,040.10	985.79
		For Class 52 Rating, Deduct	*-1,160.11*	
		For Class 54 Rating, Add	*1,599.90*	
		For Class 55 Rating, Add	*2,387.71*	
		For Class 56 Rating, Add	*3,164.98*	
40 05 19 00-0931	EA	24" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,429.12	988.97
		For Class 52 Rating, Deduct	*-1,202.37*	
		For Class 54 Rating, Add	*1,657.58*	
		For Class 55 Rating, Add	*2,473.50*	
		For Class 56 Rating, Add	*3,278.49*	
40 05 19 00-0932	EA	24" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,818.14	992.15
		For Class 52 Rating, Deduct	*-1,244.64*	
		For Class 54 Rating, Add	*1,715.27*	
		For Class 55 Rating, Add	*2,559.30*	
		For Class 56 Rating, Add	*3,392.01*	
40 05 19 00-0933	EA	24" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,207.17	995.33
		For Class 52 Rating, Deduct	*-1,286.90*	
		For Class 54 Rating, Add	*1,772.96*	
		For Class 55 Rating, Add	*2,645.09*	
		For Class 56 Rating, Add	*3,505.52*	
40 05 19 00-0934	EA	24" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,596.19	998.51
		For Class 52 Rating, Deduct	*-1,329.16*	
		For Class 54 Rating, Add	*1,830.65*	
		For Class 55 Rating, Add	*2,730.88*	
		For Class 56 Rating, Add	*3,619.03*	
40 05 19 00-0935	EA	24" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,985.20	1,001.69
		For Class 52 Rating, Deduct	*-1,371.42*	
		For Class 54 Rating, Add	*1,888.34*	
		For Class 55 Rating, Add	*2,816.68*	
		For Class 56 Rating, Add	*3,732.55*	
40 05 19 00-0936	EA	24" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,374.23	1,004.87
		For Class 52 Rating, Deduct	*-1,413.69*	
		For Class 54 Rating, Add	*1,946.03*	
		For Class 55 Rating, Add	*2,902.47*	
		For Class 56 Rating, Add	*3,846.06*	
40 05 19 00-0937	EA	24" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,763.25	1,008.05
		For Class 52 Rating, Deduct	*-1,455.95*	
		For Class 54 Rating, Add	*2,003.71*	
		For Class 55 Rating, Add	*2,988.26*	
		For Class 56 Rating, Add	*3,959.58*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0938	EA	24" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,152.26	1,011.23
		For Class 52 Rating, Deduct	*-1,498.21*	
		For Class 54 Rating, Add	*2,061.40*	
		For Class 55 Rating, Add	*3,074.05*	
		For Class 56 Rating, Add	*4,073.09*	
40 05 19 00-0939	EA	24" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,541.29	1,014.41
		For Class 52 Rating, Deduct	*-1,540.47*	
		For Class 54 Rating, Add	*2,119.09*	
		For Class 55 Rating, Add	*3,159.85*	
		For Class 56 Rating, Add	*4,186.60*	
40 05 19 00-0940	EA	24" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,930.32	1,017.59
		For Class 52 Rating, Deduct	*-1,582.74*	
		For Class 54 Rating, Add	*2,176.78*	
		For Class 55 Rating, Add	*3,245.64*	
		For Class 56 Rating, Add	*4,300.12*	
40 05 19 00-0941	EA	24" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,401.24	1,074.83
		For Class 52 Rating, Deduct	*-1,625.00*	
		For Class 54 Rating, Add	*2,235.45*	
		For Class 55 Rating, Add	*3,333.40*	
		For Class 56 Rating, Add	*4,416.58*	
40 05 19 00-0942	EA	24" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,790.26	1,078.01
		For Class 52 Rating, Deduct	*-1,667.26*	
		For Class 54 Rating, Add	*2,293.14*	
		For Class 55 Rating, Add	*3,419.19*	
		For Class 56 Rating, Add	*4,530.09*	
40 05 19 00-0943	EA	24" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,179.29	1,081.19
		For Class 52 Rating, Deduct	*-1,709.52*	
		For Class 54 Rating, Add	*2,350.83*	
		For Class 55 Rating, Add	*3,504.99*	
		For Class 56 Rating, Add	*4,643.60*	
40 05 19 00-0944	EA	24" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,568.30	1,084.37
		For Class 52 Rating, Deduct	*-1,751.79*	
		For Class 54 Rating, Add	*2,408.51*	
		For Class 55 Rating, Add	*3,590.78*	
		For Class 56 Rating, Add	*4,757.12*	
40 05 19 00-0945	EA	24" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,957.32	1,087.55
		For Class 52 Rating, Deduct	*-1,794.05*	
		For Class 54 Rating, Add	*2,466.20*	
		For Class 55 Rating, Add	*3,676.57*	
		For Class 56 Rating, Add	*4,870.63*	
40 05 19 00-0946	EA	24" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,346.34	1,090.73
		For Class 52 Rating, Deduct	*-1,836.31*	
		For Class 54 Rating, Add	*2,523.89*	
		For Class 55 Rating, Add	*3,762.36*	
		For Class 56 Rating, Add	*4,984.14*	
40 05 19 00-0947	EA	24" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,735.37	1,093.91
		For Class 52 Rating, Deduct	*-1,878.57*	
		For Class 54 Rating, Add	*2,581.58*	
		For Class 55 Rating, Add	*3,848.16*	
		For Class 56 Rating, Add	*5,097.66*	
40 05 19 00-0948	EA	24" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	19,124.39	1,097.09
		For Class 52 Rating, Deduct	*-1,920.83*	
		For Class 54 Rating, Add	*2,639.27*	
		For Class 55 Rating, Add	*3,933.95*	
		For Class 56 Rating, Add	*5,211.17*	
40 05 19 00-0949	EA	24" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	19,513.41	1,100.27
		For Class 52 Rating, Deduct	*-1,963.10*	
		For Class 54 Rating, Add	*2,696.95*	
		For Class 55 Rating, Add	*4,019.74*	
		For Class 56 Rating, Add	*5,324.68*	
40 05 19 00-0950		30" Flanged End x Grooved End (FxG), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0554)*		
40 05 19 00-0951	EA	30" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,781.81	1,310.15
		For Class 52 Rating, Deduct	*-637.64*	
		For Class 54 Rating, Add	*893.33*	
		For Class 55 Rating, Add	*1,340.31*	
		For Class 56 Rating, Add	*1,781.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0952	EA	30" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,341.60	1,313.32
		For Class 52 Rating, Deduct	*-698.69*	
		For Class 54 Rating, Add	*976.63*	
		For Class 55 Rating, Add	*1,464.19*	
		For Class 56 Rating, Add	*1,945.39*	
40 05 19 00-0953	EA	30" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,901.37	1,316.50
		For Class 52 Rating, Deduct	*-759.73*	
		For Class 54 Rating, Add	*1,059.94*	
		For Class 55 Rating, Add	*1,588.06*	
		For Class 56 Rating, Add	*2,109.27*	
40 05 19 00-0954	EA	30" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,461.15	1,319.69
		For Class 52 Rating, Deduct	*-820.78*	
		For Class 54 Rating, Add	*1,143.24*	
		For Class 55 Rating, Add	*1,711.93*	
		For Class 56 Rating, Add	*2,273.16*	
40 05 19 00-0955	EA	30" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,020.92	1,322.87
		For Class 52 Rating, Deduct	*-881.82*	
		For Class 54 Rating, Add	*1,226.54*	
		For Class 55 Rating, Add	*1,835.80*	
		For Class 56 Rating, Add	*2,437.05*	
40 05 19 00-0956	EA	30" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,580.70	1,326.05
		For Class 52 Rating, Deduct	*-942.87*	
		For Class 54 Rating, Add	*1,309.84*	
		For Class 55 Rating, Add	*1,959.67*	
		For Class 56 Rating, Add	*2,600.93*	
40 05 19 00-0957	EA	30" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,140.48	1,329.23
		For Class 52 Rating, Deduct	*-1,003.92*	
		For Class 54 Rating, Add	*1,393.14*	
		For Class 55 Rating, Add	*2,083.55*	
		For Class 56 Rating, Add	*2,764.82*	
40 05 19 00-0958	EA	30" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,700.25	1,332.41
		For Class 52 Rating, Deduct	*-1,064.96*	
		For Class 54 Rating, Add	*1,476.44*	
		For Class 55 Rating, Add	*2,207.42*	
		For Class 56 Rating, Add	*2,928.71*	
40 05 19 00-0959	EA	30" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,260.04	1,335.59
		For Class 52 Rating, Deduct	*-1,126.01*	
		For Class 54 Rating, Add	*1,559.75*	
		For Class 55 Rating, Add	*2,331.29*	
		For Class 56 Rating, Add	*3,092.59*	
40 05 19 00-0960	EA	30" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,819.82	1,338.76
		For Class 52 Rating, Deduct	*-1,187.05*	
		For Class 54 Rating, Add	*1,643.05*	
		For Class 55 Rating, Add	*2,455.16*	
		For Class 56 Rating, Add	*3,256.48*	
40 05 19 00-0961	EA	30" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,379.59	1,341.94
		For Class 52 Rating, Deduct	*-1,248.10*	
		For Class 54 Rating, Add	*1,726.35*	
		For Class 55 Rating, Add	*2,579.03*	
		For Class 56 Rating, Add	*3,420.37*	
40 05 19 00-0962	EA	30" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,939.37	1,345.13
		For Class 52 Rating, Deduct	*-1,309.14*	
		For Class 54 Rating, Add	*1,809.65*	
		For Class 55 Rating, Add	*2,702.90*	
		For Class 56 Rating, Add	*3,584.25*	
40 05 19 00-0963	EA	30" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,499.15	1,348.31
		For Class 52 Rating, Deduct	*-1,370.19*	
		For Class 54 Rating, Add	*1,892.95*	
		For Class 55 Rating, Add	*2,826.78*	
		For Class 56 Rating, Add	*3,748.14*	
40 05 19 00-0964	EA	30" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,058.92	1,351.49
		For Class 52 Rating, Deduct	*-1,431.23*	
		For Class 54 Rating, Add	*1,976.26*	
		For Class 55 Rating, Add	*2,950.65*	
		For Class 56 Rating, Add	*3,912.03*	
40 05 19 00-0965	EA	30" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,618.71	1,354.67
		For Class 52 Rating, Deduct	*-1,492.28*	
		For Class 54 Rating, Add	*2,059.56*	
		For Class 55 Rating, Add	*3,074.52*	
		For Class 56 Rating, Add	*4,075.91*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0966	EA	30" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,178.49	1,357.85
		For Class 52 Rating, Deduct	*-1,553.33*	
		For Class 54 Rating, Add	*2,142.86*	
		For Class 55 Rating, Add	*3,198.39*	
		For Class 56 Rating, Add	*4,239.80*	
40 05 19 00-0967	EA	30" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,738.26	1,361.03
		For Class 52 Rating, Deduct	*-1,614.37*	
		For Class 54 Rating, Add	*2,226.16*	
		For Class 55 Rating, Add	*3,322.26*	
		For Class 56 Rating, Add	*4,403.69*	
40 05 19 00-0968	EA	30" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,298.04	1,364.21
		For Class 52 Rating, Deduct	*-1,675.42*	
		For Class 54 Rating, Add	*2,309.46*	
		For Class 55 Rating, Add	*3,446.13*	
		For Class 56 Rating, Add	*4,567.57*	
40 05 19 00-0969	EA	30" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,857.82	1,367.38
		For Class 52 Rating, Deduct	*-1,736.46*	
		For Class 54 Rating, Add	*2,392.76*	
		For Class 55 Rating, Add	*3,570.01*	
		For Class 56 Rating, Add	*4,731.46*	
40 05 19 00-0970	EA	30" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,417.59	1,370.56
		For Class 52 Rating, Deduct	*-1,797.51*	
		For Class 54 Rating, Add	*2,476.07*	
		For Class 55 Rating, Add	*3,693.88*	
		For Class 56 Rating, Add	*4,895.35*	
40 05 19 00-0971	EA	30" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,977.38	1,373.75
		For Class 52 Rating, Deduct	*-1,858.55*	
		For Class 54 Rating, Add	*2,559.37*	
		For Class 55 Rating, Add	*3,817.75*	
		For Class 56 Rating, Add	*5,059.23*	
40 05 19 00-0972	EA	30" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	19,537.16	1,376.93
		For Class 52 Rating, Deduct	*-1,919.60*	
		For Class 54 Rating, Add	*2,642.67*	
		For Class 55 Rating, Add	*3,941.62*	
		For Class 56 Rating, Add	*5,223.12*	
40 05 19 00-0973	EA	30" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	20,096.93	1,380.11
		For Class 52 Rating, Deduct	*-1,980.64*	
		For Class 54 Rating, Add	*2,725.97*	
		For Class 55 Rating, Add	*4,065.49*	
		For Class 56 Rating, Add	*5,387.01*	
40 05 19 00-0974	EA	30" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	20,656.70	1,383.29
		For Class 52 Rating, Deduct	*-2,041.69*	
		For Class 54 Rating, Add	*2,809.27*	
		For Class 55 Rating, Add	*4,189.36*	
		For Class 56 Rating, Add	*5,550.89*	
40 05 19 00-0975	EA	30" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	21,216.48	1,386.47
		For Class 52 Rating, Deduct	*-2,102.73*	
		For Class 54 Rating, Add	*2,892.57*	
		For Class 55 Rating, Add	*4,313.23*	
		For Class 56 Rating, Add	*5,714.78*	
40 05 19 00-0976	EA	30" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	21,776.25	1,389.65
		For Class 52 Rating, Deduct	*-2,163.78*	
		For Class 54 Rating, Add	*2,975.88*	
		For Class 55 Rating, Add	*4,437.11*	
		For Class 56 Rating, Add	*5,878.66*	
40 05 19 00-0977	EA	30" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	22,336.04	1,392.83
		For Class 52 Rating, Deduct	*-2,224.83*	
		For Class 54 Rating, Add	*3,059.18*	
		For Class 55 Rating, Add	*4,560.98*	
		For Class 56 Rating, Add	*6,042.55*	
40 05 19 00-0978	EA	30" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	22,895.82	1,396.00
		For Class 52 Rating, Deduct	*-2,285.87*	
		For Class 54 Rating, Add	*3,142.48*	
		For Class 55 Rating, Add	*4,684.85*	
		For Class 56 Rating, Add	*6,206.44*	
40 05 19 00-0979	EA	30" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	23,455.59	1,399.18
		For Class 52 Rating, Deduct	*-2,346.92*	
		For Class 54 Rating, Add	*3,225.78*	
		For Class 55 Rating, Add	*4,808.72*	
		For Class 56 Rating, Add	*6,370.32*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0980	EA	30" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	24,015.37	1,402.37
		For Class 52 Rating, Deduct	*-2,407.96*	
		For Class 54 Rating, Add	*3,309.08*	
		For Class 55 Rating, Add	*4,932.59*	
		For Class 56 Rating, Add	*6,534.21*	
40 05 19 00-0981	EA	30" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	24,575.15	1,405.55
		For Class 52 Rating, Deduct	*-2,469.01*	
		For Class 54 Rating, Add	*3,392.38*	
		For Class 55 Rating, Add	*5,056.46*	
		For Class 56 Rating, Add	*6,698.10*	
40 05 19 00-0982	EA	30" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	25,134.92	1,408.73
		For Class 52 Rating, Deduct	*-2,530.05*	
		For Class 54 Rating, Add	*3,475.69*	
		For Class 55 Rating, Add	*5,180.34*	
		For Class 56 Rating, Add	*6,861.98*	
40 05 19 00-0983	EA	30" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	25,694.70	1,411.91
		For Class 52 Rating, Deduct	*-2,591.10*	
		For Class 54 Rating, Add	*3,558.99*	
		For Class 55 Rating, Add	*5,304.21*	
		For Class 56 Rating, Add	*7,025.87*	
40 05 19 00-0984	EA	30" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	26,254.48	1,415.09
		For Class 52 Rating, Deduct	*-2,652.15*	
		For Class 54 Rating, Add	*3,642.29*	
		For Class 55 Rating, Add	*5,428.08*	
		For Class 56 Rating, Add	*7,189.76*	
40 05 19 00-0985	EA	30" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	26,814.26	1,418.27
		For Class 52 Rating, Deduct	*-2,713.19*	
		For Class 54 Rating, Add	*3,725.59*	
		For Class 55 Rating, Add	*5,551.95*	
		For Class 56 Rating, Add	*7,353.64*	
40 05 19 00-0986	EA	30" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	27,374.04	1,421.44
		For Class 52 Rating, Deduct	*-2,774.24*	
		For Class 54 Rating, Add	*3,808.89*	
		For Class 55 Rating, Add	*5,675.82*	
		For Class 56 Rating, Add	*7,517.53*	
40 05 19 00-0987	EA	30" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	27,933.81	1,424.62
		For Class 52 Rating, Deduct	*-2,835.28*	
		For Class 54 Rating, Add	*3,892.20*	
		For Class 55 Rating, Add	*5,799.69*	
		For Class 56 Rating, Add	*7,681.42*	
40 05 19 00-0988	EA	30" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	28,493.59	1,427.80
		For Class 52 Rating, Deduct	*-2,896.33*	
		For Class 54 Rating, Add	*3,975.50*	
		For Class 55 Rating, Add	*5,923.57*	
		For Class 56 Rating, Add	*7,845.30*	

40 05 19 00-0989 36" Flanged End x Grooved End (FxG), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0554)*

40 05 19 00-0990	EA	36" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,686.68	1,659.95
		For Class 52 Rating, Deduct	*-898.88*	
		For Class 54 Rating, Add	*1,255.92*	
		For Class 55 Rating, Add	*1,882.63*	
		For Class 56 Rating, Add	*2,501.17*	
40 05 19 00-0991	EA	36" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,446.43	1,663.13
		For Class 52 Rating, Deduct	*-981.92*	
		For Class 54 Rating, Add	*1,369.22*	
		For Class 55 Rating, Add	*2,051.10*	
		For Class 56 Rating, Add	*2,724.05*	
40 05 19 00-0992	EA	36" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,206.16	1,666.31
		For Class 52 Rating, Deduct	*-1,064.96*	
		For Class 54 Rating, Add	*1,482.52*	
		For Class 55 Rating, Add	*2,219.56*	
		For Class 56 Rating, Add	*2,946.92*	
40 05 19 00-0993	EA	36" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,965.91	1,669.48
		For Class 52 Rating, Deduct	*-1,148.00*	
		For Class 54 Rating, Add	*1,595.81*	
		For Class 55 Rating, Add	*2,388.02*	
		For Class 56 Rating, Add	*3,169.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0994	EA	36" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,725.65	1,672.66
		For Class 52 Rating, Deduct	*-1,231.04*	
		For Class 54 Rating, Add	*1,709.11*	
		For Class 55 Rating, Add	*2,556.49*	
		For Class 56 Rating, Add	*3,392.67*	
40 05 19 00-0995	EA	36" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,485.40	1,675.84
		For Class 52 Rating, Deduct	*-1,314.09*	
		For Class 54 Rating, Add	*1,822.41*	
		For Class 55 Rating, Add	*2,724.95*	
		For Class 56 Rating, Add	*3,615.55*	
40 05 19 00-0996	EA	36" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,245.14	1,679.02
		For Class 52 Rating, Deduct	*-1,397.13*	
		For Class 54 Rating, Add	*1,935.70*	
		For Class 55 Rating, Add	*2,893.41*	
		For Class 56 Rating, Add	*3,838.43*	
40 05 19 00-0997	EA	36" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,004.89	1,682.20
		For Class 52 Rating, Deduct	*-1,480.17*	
		For Class 54 Rating, Add	*2,049.00*	
		For Class 55 Rating, Add	*3,061.88*	
		For Class 56 Rating, Add	*4,061.30*	
40 05 19 00-0998	EA	36" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,764.62	1,685.39
		For Class 52 Rating, Deduct	*-1,563.21*	
		For Class 54 Rating, Add	*2,162.29*	
		For Class 55 Rating, Add	*3,230.34*	
		For Class 56 Rating, Add	*4,284.18*	
40 05 19 00-0999	EA	36" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,524.36	1,688.57
		For Class 52 Rating, Deduct	*-1,646.25*	
		For Class 54 Rating, Add	*2,275.59*	
		For Class 55 Rating, Add	*3,398.80*	
		For Class 56 Rating, Add	*4,507.05*	
40 05 19 00-1000	EA	36" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,284.10	1,691.75
		For Class 52 Rating, Deduct	*-1,729.29*	
		For Class 54 Rating, Add	*2,388.89*	
		For Class 55 Rating, Add	*3,567.27*	
		For Class 56 Rating, Add	*4,729.93*	
40 05 19 00-1001	EA	36" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	19,043.85	1,694.93
		For Class 52 Rating, Deduct	*-1,812.34*	
		For Class 54 Rating, Add	*2,502.18*	
		For Class 55 Rating, Add	*3,735.73*	
		For Class 56 Rating, Add	*4,952.81*	
40 05 19 00-1002	EA	36" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	19,803.60	1,698.10
		For Class 52 Rating, Deduct	*-1,895.38*	
		For Class 54 Rating, Add	*2,615.48*	
		For Class 55 Rating, Add	*3,904.20*	
		For Class 56 Rating, Add	*5,175.68*	
40 05 19 00-1003	EA	36" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	20,563.33	1,701.28
		For Class 52 Rating, Deduct	*-1,978.42*	
		For Class 54 Rating, Add	*2,728.78*	
		For Class 55 Rating, Add	*4,072.66*	
		For Class 56 Rating, Add	*5,398.56*	
40 05 19 00-1004	EA	36" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	21,323.08	1,704.46
		For Class 52 Rating, Deduct	*-2,061.46*	
		For Class 54 Rating, Add	*2,842.07*	
		For Class 55 Rating, Add	*4,241.13*	
		For Class 56 Rating, Add	*5,621.44*	
40 05 19 00-1005	EA	36" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	22,082.82	1,707.64
		For Class 52 Rating, Deduct	*-2,144.50*	
		For Class 54 Rating, Add	*2,955.37*	
		For Class 55 Rating, Add	*4,409.59*	
		For Class 56 Rating, Add	*5,844.31*	
40 05 19 00-1006	EA	36" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	22,842.56	1,710.82
		For Class 52 Rating, Deduct	*-2,227.55*	
		For Class 54 Rating, Add	*3,068.67*	
		For Class 55 Rating, Add	*4,578.05*	
		For Class 56 Rating, Add	*6,067.19*	
40 05 19 00-1007	EA	36" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	23,602.31	1,714.01
		For Class 52 Rating, Deduct	*-2,310.59*	
		For Class 54 Rating, Add	*3,181.96*	
		For Class 55 Rating, Add	*4,746.52*	
		For Class 56 Rating, Add	*6,290.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1008	EA	36" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	24,362.06	1,717.19
		For Class 52 Rating, Deduct	*-2,393.63*	
		For Class 54 Rating, Add	*3,295.26*	
		For Class 55 Rating, Add	*4,914.98*	
		For Class 56 Rating, Add	*6,512.94*	
40 05 19 00-1009	EA	36" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	25,121.79	1,720.37
		For Class 52 Rating, Deduct	*-2,476.67*	
		For Class 54 Rating, Add	*3,408.56*	
		For Class 55 Rating, Add	*5,083.44*	
		For Class 56 Rating, Add	*6,735.82*	
40 05 19 00-1010	EA	36" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	25,881.54	1,723.55
		For Class 52 Rating, Deduct	*-2,559.71*	
		For Class 54 Rating, Add	*3,521.85*	
		For Class 55 Rating, Add	*5,251.91*	
		For Class 56 Rating, Add	*6,958.69*	
40 05 19 00-1011	EA	36" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	26,641.28	1,726.72
		For Class 52 Rating, Deduct	*-2,642.75*	
		For Class 54 Rating, Add	*3,635.15*	
		For Class 55 Rating, Add	*5,420.37*	
		For Class 56 Rating, Add	*7,181.57*	
40 05 19 00-1012	EA	36" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	27,401.02	1,729.90
		For Class 52 Rating, Deduct	*-2,725.80*	
		For Class 54 Rating, Add	*3,748.45*	
		For Class 55 Rating, Add	*5,588.84*	
		For Class 56 Rating, Add	*7,404.45*	
40 05 19 00-1013	EA	36" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	28,160.76	1,733.08
		For Class 52 Rating, Deduct	*-2,808.84*	
		For Class 54 Rating, Add	*3,861.74*	
		For Class 55 Rating, Add	*5,757.30*	
		For Class 56 Rating, Add	*7,627.32*	
40 05 19 00-1014	EA	36" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	28,920.52	1,736.26
		For Class 52 Rating, Deduct	*-2,891.88*	
		For Class 54 Rating, Add	*3,975.04*	
		For Class 55 Rating, Add	*5,925.76*	
		For Class 56 Rating, Add	*7,850.20*	
40 05 19 00-1015	EA	36" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	29,680.25	1,739.44
		For Class 52 Rating, Deduct	*-2,974.92*	
		For Class 54 Rating, Add	*4,088.34*	
		For Class 55 Rating, Add	*6,094.23*	
		For Class 56 Rating, Add	*8,073.07*	
40 05 19 00-1016	EA	36" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	30,440.00	1,742.63
		For Class 52 Rating, Deduct	*-3,057.96*	
		For Class 54 Rating, Add	*4,201.63*	
		For Class 55 Rating, Add	*6,262.69*	
		For Class 56 Rating, Add	*8,295.95*	
40 05 19 00-1017	EA	36" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	31,199.74	1,745.81
		For Class 52 Rating, Deduct	*-3,141.00*	
		For Class 54 Rating, Add	*4,314.93*	
		For Class 55 Rating, Add	*6,431.16*	
		For Class 56 Rating, Add	*8,518.83*	
40 05 19 00-1018	EA	36" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	31,959.48	1,748.99
		For Class 52 Rating, Deduct	*-3,224.05*	
		For Class 54 Rating, Add	*4,428.23*	
		For Class 55 Rating, Add	*6,599.62*	
		For Class 56 Rating, Add	*8,741.70*	
40 05 19 00-1019	EA	36" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	32,719.22	1,752.16
		For Class 52 Rating, Deduct	*-3,307.09*	
		For Class 54 Rating, Add	*4,541.52*	
		For Class 55 Rating, Add	*6,768.08*	
		For Class 56 Rating, Add	*8,964.58*	
40 05 19 00-1020	EA	36" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	33,478.98	1,755.34
		For Class 52 Rating, Deduct	*-3,390.13*	
		For Class 54 Rating, Add	*4,654.82*	
		For Class 55 Rating, Add	*6,936.55*	
		For Class 56 Rating, Add	*9,187.46*	
40 05 19 00-1021	EA	36" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	34,238.71	1,758.52
		For Class 52 Rating, Deduct	*-3,473.17*	
		For Class 54 Rating, Add	*4,768.12*	
		For Class 55 Rating, Add	*7,105.01*	
		For Class 56 Rating, Add	*9,410.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1022	EA	36" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	34,998.46	1,761.70
		For Class 52 Rating, Deduct	*-3,556.21*	
		For Class 54 Rating, Add	*4,881.41*	
		For Class 55 Rating, Add	*7,273.48*	
		For Class 56 Rating, Add	*9,633.21*	
40 05 19 00-1023	EA	36" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	35,758.20	1,764.88
		For Class 52 Rating, Deduct	*-3,639.25*	
		For Class 54 Rating, Add	*4,994.71*	
		For Class 55 Rating, Add	*7,441.94*	
		For Class 56 Rating, Add	*9,856.08*	
40 05 19 00-1024	EA	36" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	36,517.93	1,768.06
		For Class 52 Rating, Deduct	*-3,722.30*	
		For Class 54 Rating, Add	*5,108.00*	
		For Class 55 Rating, Add	*7,610.40*	
		For Class 56 Rating, Add	*10,078.96*	
40 05 19 00-1025	EA	36" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	37,277.68	1,771.25
		For Class 52 Rating, Deduct	*-3,805.34*	
		For Class 54 Rating, Add	*5,221.30*	
		For Class 55 Rating, Add	*7,778.87*	
		For Class 56 Rating, Add	*10,301.84*	
40 05 19 00-1026	EA	36" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	38,037.43	1,774.43
		For Class 52 Rating, Deduct	*-3,888.38*	
		For Class 54 Rating, Add	*5,334.60*	
		For Class 55 Rating, Add	*7,947.33*	
		For Class 56 Rating, Add	*10,524.71*	
40 05 19 00-1027	EA	36" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	38,797.17	1,777.61
		For Class 52 Rating, Deduct	*-3,971.42*	
		For Class 54 Rating, Add	*5,447.89*	
		For Class 55 Rating, Add	*8,115.79*	
		For Class 56 Rating, Add	*10,747.59*	

40 05 19 00-1028 Flanged End x Plain End (FxPE), Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-0001)*

40 05 19 00-1029 4" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-1028)*

40 05 19 00-1030	EA	4" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	561.42	155.51
		For Class 52 Rating, Deduct	*-35.84*	
		For Class 54 Rating, Add	*51.70*	
		For Class 55 Rating, Add	*78.31*	
		For Class 56 Rating, Add	*104.59*	
40 05 19 00-1031	EA	4" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	623.95	158.24
		For Class 52 Rating, Deduct	*-42.26*	
		For Class 54 Rating, Add	*60.51*	
		For Class 55 Rating, Add	*91.43*	
		For Class 56 Rating, Add	*121.97*	
40 05 19 00-1032	EA	4" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	686.49	160.96
		For Class 52 Rating, Deduct	*-48.69*	
		For Class 54 Rating, Add	*69.32*	
		For Class 55 Rating, Add	*104.56*	
		For Class 56 Rating, Add	*139.35*	
40 05 19 00-1033	EA	4" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	749.03	163.67
		For Class 52 Rating, Deduct	*-55.11*	
		For Class 54 Rating, Add	*78.13*	
		For Class 55 Rating, Add	*117.68*	
		For Class 56 Rating, Add	*156.73*	
40 05 19 00-1034	EA	4" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	811.56	166.39
		For Class 52 Rating, Deduct	*-61.54*	
		For Class 54 Rating, Add	*86.94*	
		For Class 55 Rating, Add	*130.81*	
		For Class 56 Rating, Add	*174.11*	
40 05 19 00-1035	EA	4" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	874.09	169.12
		For Class 52 Rating, Deduct	*-67.97*	
		For Class 54 Rating, Add	*95.76*	
		For Class 55 Rating, Add	*143.93*	
		For Class 56 Rating, Add	*191.50*	
40 05 19 00-1036	EA	4" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	936.64	171.84
		For Class 52 Rating, Deduct	*-74.39*	
		For Class 54 Rating, Add	*104.57*	
		For Class 55 Rating, Add	*157.06*	
		For Class 56 Rating, Add	*208.88*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1037	EA	4" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	999.17	174.55
		For Class 52 Rating, Deduct	*-80.82*	
		For Class 54 Rating, Add	*113.38*	
		For Class 55 Rating, Add	*170.19*	
		For Class 56 Rating, Add	*226.26*	
40 05 19 00-1038	EA	4" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,061.70	177.27
		For Class 52 Rating, Deduct	*-87.24*	
		For Class 54 Rating, Add	*122.19*	
		For Class 55 Rating, Add	*183.31*	
		For Class 56 Rating, Add	*243.64*	
40 05 19 00-1039	EA	4" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,124.25	180.00
		For Class 52 Rating, Deduct	*-93.67*	
		For Class 54 Rating, Add	*131.00*	
		For Class 55 Rating, Add	*196.44*	
		For Class 56 Rating, Add	*261.02*	
40 05 19 00-1040	EA	4" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,186.77	182.70
		For Class 52 Rating, Deduct	*-100.09*	
		For Class 54 Rating, Add	*139.81*	
		For Class 55 Rating, Add	*209.56*	
		For Class 56 Rating, Add	*278.40*	
40 05 19 00-1041	EA	4" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,249.31	185.42
		For Class 52 Rating, Deduct	*-106.52*	
		For Class 54 Rating, Add	*148.63*	
		For Class 55 Rating, Add	*222.69*	
		For Class 56 Rating, Add	*295.78*	
40 05 19 00-1042	EA	4" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,311.86	188.15
		For Class 52 Rating, Deduct	*-112.95*	
		For Class 54 Rating, Add	*157.44*	
		For Class 55 Rating, Add	*235.82*	
		For Class 56 Rating, Add	*313.17*	
40 05 19 00-1043	EA	4" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,374.38	190.87
		For Class 52 Rating, Deduct	*-119.37*	
		For Class 54 Rating, Add	*166.25*	
		For Class 55 Rating, Add	*248.94*	
		For Class 56 Rating, Add	*330.54*	
40 05 19 00-1044	EA	4" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,436.93	193.58
		For Class 52 Rating, Deduct	*-125.80*	
		For Class 54 Rating, Add	*175.06*	
		For Class 55 Rating, Add	*262.07*	
		For Class 56 Rating, Add	*347.93*	
40 05 19 00-1045	EA	4" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,499.46	196.30
		For Class 52 Rating, Deduct	*-132.22*	
		For Class 54 Rating, Add	*183.88*	
		For Class 55 Rating, Add	*275.19*	
		For Class 56 Rating, Add	*365.31*	
40 05 19 00-1046	EA	4" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,561.99	199.03
		For Class 52 Rating, Deduct	*-138.65*	
		For Class 54 Rating, Add	*192.69*	
		For Class 55 Rating, Add	*288.32*	
		For Class 56 Rating, Add	*382.69*	
40 05 19 00-1047	EA	4" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,624.54	201.73
		For Class 52 Rating, Deduct	*-145.08*	
		For Class 54 Rating, Add	*201.50*	
		For Class 55 Rating, Add	*301.44*	
		For Class 56 Rating, Add	*400.07*	
40 05 19 00-1048	EA	4" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,687.07	204.46
		For Class 52 Rating, Deduct	*-151.50*	
		For Class 54 Rating, Add	*210.31*	
		For Class 55 Rating, Add	*314.57*	
		For Class 56 Rating, Add	*417.45*	
40 05 19 00-1049	EA	4" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,749.61	207.18
		For Class 52 Rating, Deduct	*-157.93*	
		For Class 54 Rating, Add	*219.12*	
		For Class 55 Rating, Add	*327.70*	
		For Class 56 Rating, Add	*434.83*	
40 05 19 00-1050	EA	4" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,812.14	209.91
		For Class 52 Rating, Deduct	*-164.35*	
		For Class 54 Rating, Add	*227.93*	
		For Class 55 Rating, Add	*340.82*	
		For Class 56 Rating, Add	*452.21*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1051	EA	4" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,874.68	212.61
		For Class 52 Rating, Deduct	*-170.78*	
		For Class 54 Rating, Add	*236.75*	
		For Class 55 Rating, Add	*353.95*	
		For Class 56 Rating, Add	*469.60*	
40 05 19 00-1052	EA	4" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,937.22	215.34
		For Class 52 Rating, Deduct	*-177.21*	
		For Class 54 Rating, Add	*245.56*	
		For Class 55 Rating, Add	*367.07*	
		For Class 56 Rating, Add	*486.98*	
40 05 19 00-1053	EA	4" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,999.75	218.06
		For Class 52 Rating, Deduct	*-183.63*	
		For Class 54 Rating, Add	*254.37*	
		For Class 55 Rating, Add	*380.20*	
		For Class 56 Rating, Add	*504.36*	
40 05 19 00-1054	EA	4" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,062.29	220.76
		For Class 52 Rating, Deduct	*-190.06*	
		For Class 54 Rating, Add	*263.18*	
		For Class 55 Rating, Add	*393.33*	
		For Class 56 Rating, Add	*521.74*	
40 05 19 00-1055	EA	4" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,124.82	223.49
		For Class 52 Rating, Deduct	*-196.48*	
		For Class 54 Rating, Add	*271.99*	
		For Class 55 Rating, Add	*406.45*	
		For Class 56 Rating, Add	*539.12*	
40 05 19 00-1056	EA	4" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,187.36	226.21
		For Class 52 Rating, Deduct	*-202.91*	
		For Class 54 Rating, Add	*280.81*	
		For Class 55 Rating, Add	*419.58*	
		For Class 56 Rating, Add	*556.50*	
40 05 19 00-1057	EA	4" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,249.90	228.94
		For Class 52 Rating, Deduct	*-209.33*	
		For Class 54 Rating, Add	*289.62*	
		For Class 55 Rating, Add	*432.70*	
		For Class 56 Rating, Add	*573.88*	
40 05 19 00-1058	EA	4" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,312.43	231.64
		For Class 52 Rating, Deduct	*-215.76*	
		For Class 54 Rating, Add	*298.43*	
		For Class 55 Rating, Add	*445.83*	
		For Class 56 Rating, Add	*591.27*	
40 05 19 00-1059	EA	4" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,374.97	234.37
		For Class 52 Rating, Deduct	*-222.19*	
		For Class 54 Rating, Add	*307.24*	
		For Class 55 Rating, Add	*458.95*	
		For Class 56 Rating, Add	*608.65*	
40 05 19 00-1060	EA	4" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,437.50	237.09
		For Class 52 Rating, Deduct	*-228.61*	
		For Class 54 Rating, Add	*316.05*	
		For Class 55 Rating, Add	*472.08*	
		For Class 56 Rating, Add	*626.03*	
40 05 19 00-1061	EA	4" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,500.04	239.81
		For Class 52 Rating, Deduct	*-235.04*	
		For Class 54 Rating, Add	*324.87*	
		For Class 55 Rating, Add	*485.21*	
		For Class 56 Rating, Add	*643.41*	
40 05 19 00-1062	EA	4" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,562.58	242.52
		For Class 52 Rating, Deduct	*-241.46*	
		For Class 54 Rating, Add	*333.68*	
		For Class 55 Rating, Add	*498.33*	
		For Class 56 Rating, Add	*660.79*	
40 05 19 00-1063	EA	4" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,625.11	245.25
		For Class 52 Rating, Deduct	*-247.89*	
		For Class 54 Rating, Add	*342.49*	
		For Class 55 Rating, Add	*511.46*	
		For Class 56 Rating, Add	*678.17*	
40 05 19 00-1064	EA	4" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,687.66	247.97
		For Class 52 Rating, Deduct	*-254.32*	
		For Class 54 Rating, Add	*351.30*	
		For Class 55 Rating, Add	*524.58*	
		For Class 56 Rating, Add	*695.55*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1065	EA	4" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,750.18	250.67
		For Class 52 Rating, Deduct	*-260.74*	
		For Class 54 Rating, Add	*360.11*	
		For Class 55 Rating, Add	*537.71*	
		For Class 56 Rating, Add	*712.93*	
40 05 19 00-1066	EA	4" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,812.72	253.40
		For Class 52 Rating, Deduct	*-267.17*	
		For Class 54 Rating, Add	*368.93*	
		For Class 55 Rating, Add	*550.83*	
		For Class 56 Rating, Add	*730.31*	
40 05 19 00-1067	EA	4" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,875.27	256.12
		For Class 52 Rating, Deduct	*-273.59*	
		For Class 54 Rating, Add	*377.74*	
		For Class 55 Rating, Add	*563.96*	
		For Class 56 Rating, Add	*747.70*	
40 05 19 00-1068	EA	4" Flanged x Plain End (FxPE), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,937.79	258.84
		For Class 52 Rating, Deduct	*-280.02*	
		For Class 54 Rating, Add	*386.55*	
		For Class 55 Rating, Add	*577.09*	
		For Class 56 Rating, Add	*765.08*	

40 05 19 00-1069 6" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-1028)*

40 05 19 00-1070	EA	6" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	703.27	195.76
		For Class 52 Rating, Deduct	*-44.73*	
		For Class 54 Rating, Add	*64.56*	
		For Class 55 Rating, Add	*97.81*	
		For Class 56 Rating, Add	*130.65*	
40 05 19 00-1071	EA	6" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	779.30	198.48
		For Class 52 Rating, Deduct	*-52.64*	
		For Class 54 Rating, Add	*75.39*	
		For Class 55 Rating, Add	*113.94*	
		For Class 56 Rating, Add	*152.00*	
40 05 19 00-1072	EA	6" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	855.31	201.20
		For Class 52 Rating, Deduct	*-60.55*	
		For Class 54 Rating, Add	*86.23*	
		For Class 55 Rating, Add	*130.07*	
		For Class 56 Rating, Add	*173.36*	
40 05 19 00-1073	EA	6" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	931.32	203.91
		For Class 52 Rating, Deduct	*-68.46*	
		For Class 54 Rating, Add	*97.06*	
		For Class 55 Rating, Add	*146.20*	
		For Class 56 Rating, Add	*194.72*	
40 05 19 00-1074	EA	6" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,007.35	206.64
		For Class 52 Rating, Deduct	*-76.37*	
		For Class 54 Rating, Add	*107.90*	
		For Class 55 Rating, Add	*162.33*	
		For Class 56 Rating, Add	*216.08*	
40 05 19 00-1075	EA	6" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,083.36	209.35
		For Class 52 Rating, Deduct	*-84.28*	
		For Class 54 Rating, Add	*118.73*	
		For Class 55 Rating, Add	*178.47*	
		For Class 56 Rating, Add	*237.44*	
40 05 19 00-1076	EA	6" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,159.38	212.07
		For Class 52 Rating, Deduct	*-92.19*	
		For Class 54 Rating, Add	*129.56*	
		For Class 55 Rating, Add	*194.60*	
		For Class 56 Rating, Add	*258.80*	
40 05 19 00-1077	EA	6" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,235.39	214.79
		For Class 52 Rating, Deduct	*-100.09*	
		For Class 54 Rating, Add	*140.40*	
		For Class 55 Rating, Add	*210.73*	
		For Class 56 Rating, Add	*280.15*	
40 05 19 00-1078	EA	6" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,311.41	217.52
		For Class 52 Rating, Deduct	*-108.00*	
		For Class 54 Rating, Add	*151.23*	
		For Class 55 Rating, Add	*226.86*	
		For Class 56 Rating, Add	*301.51*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1079	EA	6" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,387.43	220.23
		For Class 52 Rating, Deduct	*-115.91*	
		For Class 54 Rating, Add	*162.07*	
		For Class 55 Rating, Add	*242.99*	
		For Class 56 Rating, Add	*322.87*	
40 05 19 00-1080	EA	6" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,463.45	222.94
		For Class 52 Rating, Deduct	*-123.82*	
		For Class 54 Rating, Add	*172.90*	
		For Class 55 Rating, Add	*259.13*	
		For Class 56 Rating, Add	*344.23*	
40 05 19 00-1081	EA	6" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,539.46	225.67
		For Class 52 Rating, Deduct	*-131.73*	
		For Class 54 Rating, Add	*183.73*	
		For Class 55 Rating, Add	*275.26*	
		For Class 56 Rating, Add	*365.58*	
40 05 19 00-1082	EA	6" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,615.47	228.38
		For Class 52 Rating, Deduct	*-139.64*	
		For Class 54 Rating, Add	*194.57*	
		For Class 55 Rating, Add	*291.39*	
		For Class 56 Rating, Add	*386.94*	
40 05 19 00-1083	EA	6" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,691.50	231.10
		For Class 52 Rating, Deduct	*-147.55*	
		For Class 54 Rating, Add	*205.40*	
		For Class 55 Rating, Add	*307.52*	
		For Class 56 Rating, Add	*408.30*	
40 05 19 00-1084	EA	6" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,767.52	233.82
		For Class 52 Rating, Deduct	*-155.46*	
		For Class 54 Rating, Add	*216.24*	
		For Class 55 Rating, Add	*323.66*	
		For Class 56 Rating, Add	*429.66*	
40 05 19 00-1085	EA	6" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,843.53	236.55
		For Class 52 Rating, Deduct	*-163.36*	
		For Class 54 Rating, Add	*227.07*	
		For Class 55 Rating, Add	*339.79*	
		For Class 56 Rating, Add	*451.02*	
40 05 19 00-1086	EA	6" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,919.55	239.26
		For Class 52 Rating, Deduct	*-171.27*	
		For Class 54 Rating, Add	*237.90*	
		For Class 55 Rating, Add	*355.92*	
		For Class 56 Rating, Add	*472.37*	
40 05 19 00-1087	EA	6" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,995.56	241.98
		For Class 52 Rating, Deduct	*-179.18*	
		For Class 54 Rating, Add	*248.74*	
		For Class 55 Rating, Add	*372.05*	
		For Class 56 Rating, Add	*493.73*	
40 05 19 00-1088	EA	6" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,071.59	244.70
		For Class 52 Rating, Deduct	*-187.09*	
		For Class 54 Rating, Add	*259.57*	
		For Class 55 Rating, Add	*388.18*	
		For Class 56 Rating, Add	*515.09*	
40 05 19 00-1089	EA	6" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,147.61	247.43
		For Class 52 Rating, Deduct	*-195.00*	
		For Class 54 Rating, Add	*270.41*	
		For Class 55 Rating, Add	*404.32*	
		For Class 56 Rating, Add	*536.45*	
40 05 19 00-1090	EA	6" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,223.61	250.13
		For Class 52 Rating, Deduct	*-202.91*	
		For Class 54 Rating, Add	*281.24*	
		For Class 55 Rating, Add	*420.45*	
		For Class 56 Rating, Add	*557.81*	
40 05 19 00-1091	EA	6" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,299.64	252.85
		For Class 52 Rating, Deduct	*-210.82*	
		For Class 54 Rating, Add	*292.08*	
		For Class 55 Rating, Add	*436.58*	
		For Class 56 Rating, Add	*579.17*	
40 05 19 00-1092	EA	6" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,375.65	255.58
		For Class 52 Rating, Deduct	*-218.73*	
		For Class 54 Rating, Add	*302.91*	
		For Class 55 Rating, Add	*452.71*	
		For Class 56 Rating, Add	*600.52*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1093	EA	6" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,451.67	258.29
		For Class 52 Rating, Deduct	*-226.64*	
		For Class 54 Rating, Add	*313.74*	
		For Class 55 Rating, Add	*468.84*	
		For Class 56 Rating, Add	*621.88*	
40 05 19 00-1094	EA	6" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,527.69	261.01
		For Class 52 Rating, Deduct	*-234.54*	
		For Class 54 Rating, Add	*324.58*	
		For Class 55 Rating, Add	*484.97*	
		For Class 56 Rating, Add	*643.24*	
40 05 19 00-1095	EA	6" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,603.70	263.73
		For Class 52 Rating, Deduct	*-242.45*	
		For Class 54 Rating, Add	*335.41*	
		For Class 55 Rating, Add	*501.11*	
		For Class 56 Rating, Add	*664.60*	
40 05 19 00-1096	EA	6" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,679.72	266.46
		For Class 52 Rating, Deduct	*-250.36*	
		For Class 54 Rating, Add	*346.25*	
		For Class 55 Rating, Add	*517.24*	
		For Class 56 Rating, Add	*685.96*	
40 05 19 00-1097	EA	6" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,755.74	269.16
		For Class 52 Rating, Deduct	*-258.27*	
		For Class 54 Rating, Add	*357.08*	
		For Class 55 Rating, Add	*533.37*	
		For Class 56 Rating, Add	*707.32*	
40 05 19 00-1098	EA	6" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,831.75	271.89
		For Class 52 Rating, Deduct	*-266.18*	
		For Class 54 Rating, Add	*367.91*	
		For Class 55 Rating, Add	*549.50*	
		For Class 56 Rating, Add	*728.67*	
40 05 19 00-1099	EA	6" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,907.77	274.61
		For Class 52 Rating, Deduct	*-274.09*	
		For Class 54 Rating, Add	*378.75*	
		For Class 55 Rating, Add	*565.63*	
		For Class 56 Rating, Add	*750.03*	
40 05 19 00-1100	EA	6" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,983.79	277.32
		For Class 52 Rating, Deduct	*-282.00*	
		For Class 54 Rating, Add	*389.58*	
		For Class 55 Rating, Add	*581.77*	
		For Class 56 Rating, Add	*771.39*	
40 05 19 00-1101	EA	6" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,059.81	280.04
		For Class 52 Rating, Deduct	*-289.91*	
		For Class 54 Rating, Add	*400.42*	
		For Class 55 Rating, Add	*597.90*	
		For Class 56 Rating, Add	*792.75*	
40 05 19 00-1102	EA	6" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,135.81	282.76
		For Class 52 Rating, Deduct	*-297.81*	
		For Class 54 Rating, Add	*411.25*	
		For Class 55 Rating, Add	*614.03*	
		For Class 56 Rating, Add	*814.10*	
40 05 19 00-1103	EA	6" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,211.84	285.49
		For Class 52 Rating, Deduct	*-305.72*	
		For Class 54 Rating, Add	*422.08*	
		For Class 55 Rating, Add	*630.16*	
		For Class 56 Rating, Add	*835.46*	
40 05 19 00-1104	EA	6" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,287.86	288.19
		For Class 52 Rating, Deduct	*-313.63*	
		For Class 54 Rating, Add	*432.92*	
		For Class 55 Rating, Add	*646.30*	
		For Class 56 Rating, Add	*856.82*	
40 05 19 00-1105	EA	6" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,363.88	290.92
		For Class 52 Rating, Deduct	*-321.54*	
		For Class 54 Rating, Add	*443.75*	
		For Class 55 Rating, Add	*662.43*	
		For Class 56 Rating, Add	*878.18*	
40 05 19 00-1106	EA	6" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,439.89	293.64
		For Class 52 Rating, Deduct	*-329.45*	
		For Class 54 Rating, Add	*454.59*	
		For Class 55 Rating, Add	*678.56*	
		For Class 56 Rating, Add	*899.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1107	EA	6" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,515.90	296.36
		For Class 52 Rating, Deduct	*-337.36*	
		For Class 54 Rating, Add	*465.42*	
		For Class 55 Rating, Add	*694.69*	
		For Class 56 Rating, Add	*920.89*	
40 05 19 00-1108	EA	6" Flanged x Plain End (FxPE), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,591.93	299.07
		For Class 52 Rating, Deduct	*-345.27*	
		For Class 54 Rating, Add	*476.25*	
		For Class 55 Rating, Add	*710.82*	
		For Class 56 Rating, Add	*942.25*	

40 05 19 00-1109 8" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-1028)*

40 05 19 00-1110	EA	8" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	969.90	250.13
		For Class 52 Rating, Deduct	*-65.00*	
		For Class 54 Rating, Add	*93.18*	
		For Class 55 Rating, Add	*140.87*	
		For Class 56 Rating, Add	*187.96*	
40 05 19 00-1111	EA	8" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,072.89	252.85
		For Class 52 Rating, Deduct	*-75.87*	
		For Class 54 Rating, Add	*108.06*	
		For Class 55 Rating, Add	*163.01*	
		For Class 56 Rating, Add	*217.27*	
40 05 19 00-1112	EA	8" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,175.86	255.58
		For Class 52 Rating, Deduct	*-86.75*	
		For Class 54 Rating, Add	*122.94*	
		For Class 55 Rating, Add	*185.16*	
		For Class 56 Rating, Add	*246.59*	
40 05 19 00-1113	EA	8" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,278.84	258.29
		For Class 52 Rating, Deduct	*-97.62*	
		For Class 54 Rating, Add	*137.82*	
		For Class 55 Rating, Add	*207.30*	
		For Class 56 Rating, Add	*275.90*	
40 05 19 00-1114	EA	8" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,381.83	261.01
		For Class 52 Rating, Deduct	*-108.50*	
		For Class 54 Rating, Add	*152.70*	
		For Class 55 Rating, Add	*229.45*	
		For Class 56 Rating, Add	*305.21*	
40 05 19 00-1115	EA	8" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,484.79	263.73
		For Class 52 Rating, Deduct	*-119.37*	
		For Class 54 Rating, Add	*167.58*	
		For Class 55 Rating, Add	*251.59*	
		For Class 56 Rating, Add	*334.52*	
40 05 19 00-1116	EA	8" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,587.77	266.46
		For Class 52 Rating, Deduct	*-130.25*	
		For Class 54 Rating, Add	*182.45*	
		For Class 55 Rating, Add	*273.73*	
		For Class 56 Rating, Add	*363.83*	
40 05 19 00-1117	EA	8" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,690.75	269.16
		For Class 52 Rating, Deduct	*-141.12*	
		For Class 54 Rating, Add	*197.33*	
		For Class 55 Rating, Add	*295.88*	
		For Class 56 Rating, Add	*393.14*	
40 05 19 00-1118	EA	8" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,793.73	271.89
		For Class 52 Rating, Deduct	*-152.00*	
		For Class 54 Rating, Add	*212.21*	
		For Class 55 Rating, Add	*318.02*	
		For Class 56 Rating, Add	*422.46*	
40 05 19 00-1119	EA	8" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,896.71	274.61
		For Class 52 Rating, Deduct	*-162.87*	
		For Class 54 Rating, Add	*227.09*	
		For Class 55 Rating, Add	*340.17*	
		For Class 56 Rating, Add	*451.77*	
40 05 19 00-1120	EA	8" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,999.69	277.32
		For Class 52 Rating, Deduct	*-173.75*	
		For Class 54 Rating, Add	*241.97*	
		For Class 55 Rating, Add	*362.31*	
		For Class 56 Rating, Add	*481.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1121	EA	8" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,102.67	280.04
		For Class 52 Rating, Deduct	*-184.62*	
		For Class 54 Rating, Add	*256.85*	
		For Class 55 Rating, Add	*384.46*	
		For Class 56 Rating, Add	*510.39*	
40 05 19 00-1122	EA	8" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,205.64	282.76
		For Class 52 Rating, Deduct	*-195.49*	
		For Class 54 Rating, Add	*271.72*	
		For Class 55 Rating, Add	*406.60*	
		For Class 56 Rating, Add	*539.70*	
40 05 19 00-1123	EA	8" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,308.63	285.49
		For Class 52 Rating, Deduct	*-206.37*	
		For Class 54 Rating, Add	*286.60*	
		For Class 55 Rating, Add	*428.75*	
		For Class 56 Rating, Add	*569.02*	
40 05 19 00-1124	EA	8" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,411.61	288.19
		For Class 52 Rating, Deduct	*-217.24*	
		For Class 54 Rating, Add	*301.48*	
		For Class 55 Rating, Add	*450.89*	
		For Class 56 Rating, Add	*598.33*	
40 05 19 00-1125	EA	8" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,514.59	290.92
		For Class 52 Rating, Deduct	*-228.12*	
		For Class 54 Rating, Add	*316.36*	
		For Class 55 Rating, Add	*473.04*	
		For Class 56 Rating, Add	*627.64*	
40 05 19 00-1126	EA	8" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,617.57	293.64
		For Class 52 Rating, Deduct	*-238.99*	
		For Class 54 Rating, Add	*331.24*	
		For Class 55 Rating, Add	*495.18*	
		For Class 56 Rating, Add	*656.95*	
40 05 19 00-1127	EA	8" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,720.53	296.36
		For Class 52 Rating, Deduct	*-249.87*	
		For Class 54 Rating, Add	*346.11*	
		For Class 55 Rating, Add	*517.32*	
		For Class 56 Rating, Add	*686.26*	
40 05 19 00-1128	EA	8" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,823.52	299.07
		For Class 52 Rating, Deduct	*-260.74*	
		For Class 54 Rating, Add	*360.99*	
		For Class 55 Rating, Add	*539.47*	
		For Class 56 Rating, Add	*715.57*	
40 05 19 00-1129	EA	8" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,926.50	301.80
		For Class 52 Rating, Deduct	*-271.62*	
		For Class 54 Rating, Add	*375.87*	
		For Class 55 Rating, Add	*561.61*	
		For Class 56 Rating, Add	*744.88*	
40 05 19 00-1130	EA	8" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,029.47	304.52
		For Class 52 Rating, Deduct	*-282.49*	
		For Class 54 Rating, Add	*390.75*	
		For Class 55 Rating, Add	*583.76*	
		For Class 56 Rating, Add	*774.20*	
40 05 19 00-1131	EA	8" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,132.46	307.22
		For Class 52 Rating, Deduct	*-293.36*	
		For Class 54 Rating, Add	*405.63*	
		For Class 55 Rating, Add	*605.90*	
		For Class 56 Rating, Add	*803.51*	
40 05 19 00-1132	EA	8" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,235.43	309.95
		For Class 52 Rating, Deduct	*-304.24*	
		For Class 54 Rating, Add	*420.51*	
		For Class 55 Rating, Add	*628.05*	
		For Class 56 Rating, Add	*832.82*	
40 05 19 00-1133	EA	8" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,338.41	312.67
		For Class 52 Rating, Deduct	*-315.11*	
		For Class 54 Rating, Add	*435.39*	
		For Class 55 Rating, Add	*650.19*	
		For Class 56 Rating, Add	*862.13*	
40 05 19 00-1134	EA	8" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,441.40	315.40
		For Class 52 Rating, Deduct	*-325.99*	
		For Class 54 Rating, Add	*450.26*	
		For Class 55 Rating, Add	*672.34*	
		For Class 56 Rating, Add	*891.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1135	EA	8" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,544.37	318.10
		For Class 52 Rating, Deduct	*-336.86*	
		For Class 54 Rating, Add	*465.14*	
		For Class 55 Rating, Add	*694.48*	
		For Class 56 Rating, Add	*920.76*	
40 05 19 00-1136	EA	8" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,647.35	320.83
		For Class 52 Rating, Deduct	*-347.74*	
		For Class 54 Rating, Add	*480.02*	
		For Class 55 Rating, Add	*716.63*	
		For Class 56 Rating, Add	*950.07*	
40 05 19 00-1137	EA	8" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,750.33	323.55
		For Class 52 Rating, Deduct	*-358.61*	
		For Class 54 Rating, Add	*494.90*	
		For Class 55 Rating, Add	*738.77*	
		For Class 56 Rating, Add	*979.38*	
40 05 19 00-1138	EA	8" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,853.31	326.26
		For Class 52 Rating, Deduct	*-369.49*	
		For Class 54 Rating, Add	*509.78*	
		For Class 55 Rating, Add	*760.91*	
		For Class 56 Rating, Add	*1,008.69*	
40 05 19 00-1139	EA	8" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,956.29	328.98
		For Class 52 Rating, Deduct	*-380.36*	
		For Class 54 Rating, Add	*524.66*	
		For Class 55 Rating, Add	*783.06*	
		For Class 56 Rating, Add	*1,038.00*	
40 05 19 00-1140	EA	8" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,059.26	331.71
		For Class 52 Rating, Deduct	*-391.23*	
		For Class 54 Rating, Add	*539.53*	
		For Class 55 Rating, Add	*805.20*	
		For Class 56 Rating, Add	*1,067.31*	
40 05 19 00-1141	EA	8" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,162.24	334.43
		For Class 52 Rating, Deduct	*-402.11*	
		For Class 54 Rating, Add	*554.41*	
		For Class 55 Rating, Add	*827.35*	
		For Class 56 Rating, Add	*1,096.63*	
40 05 19 00-1142	EA	8" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,265.21	337.14
		For Class 52 Rating, Deduct	*-412.98*	
		For Class 54 Rating, Add	*569.29*	
		For Class 55 Rating, Add	*849.49*	
		For Class 56 Rating, Add	*1,125.94*	
40 05 19 00-1143	EA	8" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,368.20	339.86
		For Class 52 Rating, Deduct	*-423.86*	
		For Class 54 Rating, Add	*584.17*	
		For Class 55 Rating, Add	*871.64*	
		For Class 56 Rating, Add	*1,155.25*	
40 05 19 00-1144	EA	8" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,471.18	342.58
		For Class 52 Rating, Deduct	*-434.73*	
		For Class 54 Rating, Add	*599.05*	
		For Class 55 Rating, Add	*893.78*	
		For Class 56 Rating, Add	*1,184.56*	
40 05 19 00-1145	EA	8" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,574.16	345.29
		For Class 52 Rating, Deduct	*-445.61*	
		For Class 54 Rating, Add	*613.93*	
		For Class 55 Rating, Add	*915.92*	
		For Class 56 Rating, Add	*1,213.87*	
40 05 19 00-1146	EA	8" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,677.14	348.01
		For Class 52 Rating, Deduct	*-456.48*	
		For Class 54 Rating, Add	*628.80*	
		For Class 55 Rating, Add	*938.07*	
		For Class 56 Rating, Add	*1,243.19*	
40 05 19 00-1147	EA	8" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,780.11	350.74
		For Class 52 Rating, Deduct	*-467.36*	
		For Class 54 Rating, Add	*643.68*	
		For Class 55 Rating, Add	*960.21*	
		For Class 56 Rating, Add	*1,272.50*	
40 05 19 00-1148	EA	8" Flanged x Plain End (FxPE), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,883.10	353.46
		For Class 52 Rating, Deduct	*-478.23*	
		For Class 54 Rating, Add	*658.56*	
		For Class 55 Rating, Add	*982.36*	
		For Class 56 Rating, Add	*1,301.81*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1149		10" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-1028)*		
40 05 19 00-1150	EA	10" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,223.05	304.52
		For Class 52 Rating, Deduct	*-83.78*	
		For Class 54 Rating, Add	*119.79*	
		For Class 55 Rating, Add	*180.93*	
		For Class 56 Rating, Add	*241.30*	
40 05 19 00-1151	EA	10" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,357.49	307.22
		For Class 52 Rating, Deduct	*-98.12*	
		For Class 54 Rating, Add	*139.38*	
		For Class 55 Rating, Add	*210.08*	
		For Class 56 Rating, Add	*279.89*	
40 05 19 00-1152	EA	10" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,491.91	309.95
		For Class 52 Rating, Deduct	*-112.45*	
		For Class 54 Rating, Add	*158.98*	
		For Class 55 Rating, Add	*239.24*	
		For Class 56 Rating, Add	*318.48*	
40 05 19 00-1153	EA	10" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,626.35	312.67
		For Class 52 Rating, Deduct	*-126.79*	
		For Class 54 Rating, Add	*178.58*	
		For Class 55 Rating, Add	*268.40*	
		For Class 56 Rating, Add	*357.07*	
40 05 19 00-1154	EA	10" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,760.79	315.40
		For Class 52 Rating, Deduct	*-141.12*	
		For Class 54 Rating, Add	*198.17*	
		For Class 55 Rating, Add	*297.56*	
		For Class 56 Rating, Add	*395.66*	
40 05 19 00-1155	EA	10" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,895.22	318.10
		For Class 52 Rating, Deduct	*-155.46*	
		For Class 54 Rating, Add	*217.77*	
		For Class 55 Rating, Add	*326.72*	
		For Class 56 Rating, Add	*434.26*	
40 05 19 00-1156	EA	10" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,029.65	320.83
		For Class 52 Rating, Deduct	*-169.79*	
		For Class 54 Rating, Add	*237.37*	
		For Class 55 Rating, Add	*355.88*	
		For Class 56 Rating, Add	*472.85*	
40 05 19 00-1157	EA	10" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,164.09	323.55
		For Class 52 Rating, Deduct	*-184.13*	
		For Class 54 Rating, Add	*256.96*	
		For Class 55 Rating, Add	*385.04*	
		For Class 56 Rating, Add	*511.44*	
40 05 19 00-1158	EA	10" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,298.52	326.26
		For Class 52 Rating, Deduct	*-198.46*	
		For Class 54 Rating, Add	*276.56*	
		For Class 55 Rating, Add	*414.20*	
		For Class 56 Rating, Add	*550.03*	
40 05 19 00-1159	EA	10" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,432.95	328.98
		For Class 52 Rating, Deduct	*-212.79*	
		For Class 54 Rating, Add	*296.16*	
		For Class 55 Rating, Add	*443.35*	
		For Class 56 Rating, Add	*588.62*	
40 05 19 00-1160	EA	10" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,567.39	331.71
		For Class 52 Rating, Deduct	*-227.13*	
		For Class 54 Rating, Add	*315.75*	
		For Class 55 Rating, Add	*472.51*	
		For Class 56 Rating, Add	*627.21*	
40 05 19 00-1161	EA	10" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,701.82	334.43
		For Class 52 Rating, Deduct	*-241.46*	
		For Class 54 Rating, Add	*335.35*	
		For Class 55 Rating, Add	*501.67*	
		For Class 56 Rating, Add	*665.80*	
40 05 19 00-1162	EA	10" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,836.25	337.14
		For Class 52 Rating, Deduct	*-255.80*	
		For Class 54 Rating, Add	*354.95*	
		For Class 55 Rating, Add	*530.83*	
		For Class 56 Rating, Add	*704.39*	
40 05 19 00-1163	EA	10" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,970.69	339.86
		For Class 52 Rating, Deduct	*-270.13*	
		For Class 54 Rating, Add	*374.54*	
		For Class 55 Rating, Add	*559.99*	
		For Class 56 Rating, Add	*742.98*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1164	EA	10" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,105.13	342.58
		For Class 52 Rating, Deduct	*-284.47*	
		For Class 54 Rating, Add	*394.14*	
		For Class 55 Rating, Add	*589.15*	
		For Class 56 Rating, Add	*781.58*	
40 05 19 00-1165	EA	10" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,239.56	345.29
		For Class 52 Rating, Deduct	*-298.80*	
		For Class 54 Rating, Add	*413.74*	
		For Class 55 Rating, Add	*618.31*	
		For Class 56 Rating, Add	*820.17*	
40 05 19 00-1166	EA	10" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,374.00	348.01
		For Class 52 Rating, Deduct	*-313.14*	
		For Class 54 Rating, Add	*433.33*	
		For Class 55 Rating, Add	*647.47*	
		For Class 56 Rating, Add	*858.76*	
40 05 19 00-1167	EA	10" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,508.42	350.74
		For Class 52 Rating, Deduct	*-327.47*	
		For Class 54 Rating, Add	*452.93*	
		For Class 55 Rating, Add	*676.63*	
		For Class 56 Rating, Add	*897.35*	
40 05 19 00-1168	EA	10" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,642.86	353.46
		For Class 52 Rating, Deduct	*-341.81*	
		For Class 54 Rating, Add	*472.52*	
		For Class 55 Rating, Add	*705.79*	
		For Class 56 Rating, Add	*935.94*	
40 05 19 00-1169	EA	10" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,777.30	356.17
		For Class 52 Rating, Deduct	*-356.14*	
		For Class 54 Rating, Add	*492.12*	
		For Class 55 Rating, Add	*734.95*	
		For Class 56 Rating, Add	*974.53*	
40 05 19 00-1170	EA	10" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,911.72	358.89
		For Class 52 Rating, Deduct	*-370.47*	
		For Class 54 Rating, Add	*511.72*	
		For Class 55 Rating, Add	*764.10*	
		For Class 56 Rating, Add	*1,013.12*	
40 05 19 00-1171	EA	10" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,046.17	361.62
		For Class 52 Rating, Deduct	*-384.81*	
		For Class 54 Rating, Add	*531.32*	
		For Class 55 Rating, Add	*793.26*	
		For Class 56 Rating, Add	*1,051.71*	
40 05 19 00-1172	EA	10" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,180.59	364.32
		For Class 52 Rating, Deduct	*-399.14*	
		For Class 54 Rating, Add	*550.91*	
		For Class 55 Rating, Add	*822.42*	
		For Class 56 Rating, Add	*1,090.30*	
40 05 19 00-1173	EA	10" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,315.03	367.05
		For Class 52 Rating, Deduct	*-413.48*	
		For Class 54 Rating, Add	*570.51*	
		For Class 55 Rating, Add	*851.58*	
		For Class 56 Rating, Add	*1,128.90*	
40 05 19 00-1174	EA	10" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,449.47	369.77
		For Class 52 Rating, Deduct	*-427.81*	
		For Class 54 Rating, Add	*590.10*	
		For Class 55 Rating, Add	*880.74*	
		For Class 56 Rating, Add	*1,167.49*	
40 05 19 00-1175	EA	10" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,583.90	372.50
		For Class 52 Rating, Deduct	*-442.15*	
		For Class 54 Rating, Add	*609.70*	
		For Class 55 Rating, Add	*909.90*	
		For Class 56 Rating, Add	*1,206.08*	
40 05 19 00-1176	EA	10" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,718.33	375.20
		For Class 52 Rating, Deduct	*-456.48*	
		For Class 54 Rating, Add	*629.30*	
		For Class 55 Rating, Add	*939.06*	
		For Class 56 Rating, Add	*1,244.67*	
40 05 19 00-1177	EA	10" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,852.76	377.92
		For Class 52 Rating, Deduct	*-470.82*	
		For Class 54 Rating, Add	*648.89*	
		For Class 55 Rating, Add	*968.22*	
		For Class 56 Rating, Add	*1,283.26*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1178	EA	10" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,987.20	380.65
		For Class 52 Rating, Deduct	*-485.15*	
		For Class 54 Rating, Add	*668.49*	
		For Class 55 Rating, Add	*997.38*	
		For Class 56 Rating, Add	*1,321.85*	
40 05 19 00-1179	EA	10" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,121.63	383.36
		For Class 52 Rating, Deduct	*-499.49*	
		For Class 54 Rating, Add	*688.09*	
		For Class 55 Rating, Add	*1,026.53*	
		For Class 56 Rating, Add	*1,360.44*	
40 05 19 00-1180	EA	10" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,256.07	386.08
		For Class 52 Rating, Deduct	*-513.82*	
		For Class 54 Rating, Add	*707.68*	
		For Class 55 Rating, Add	*1,055.69*	
		For Class 56 Rating, Add	*1,399.03*	
40 05 19 00-1181	EA	10" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,390.50	388.80
		For Class 52 Rating, Deduct	*-528.16*	
		For Class 54 Rating, Add	*727.28*	
		For Class 55 Rating, Add	*1,084.85*	
		For Class 56 Rating, Add	*1,437.62*	
40 05 19 00-1182	EA	10" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,524.93	391.52
		For Class 52 Rating, Deduct	*-542.49*	
		For Class 54 Rating, Add	*746.88*	
		For Class 55 Rating, Add	*1,114.01*	
		For Class 56 Rating, Add	*1,476.22*	
40 05 19 00-1183	EA	10" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,659.37	394.23
		For Class 52 Rating, Deduct	*-556.82*	
		For Class 54 Rating, Add	*766.47*	
		For Class 55 Rating, Add	*1,143.17*	
		For Class 56 Rating, Add	*1,514.81*	
40 05 19 00-1184	EA	10" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,793.80	396.96
		For Class 52 Rating, Deduct	*-571.16*	
		For Class 54 Rating, Add	*786.07*	
		For Class 55 Rating, Add	*1,172.33*	
		For Class 56 Rating, Add	*1,553.40*	
40 05 19 00-1185	EA	10" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,928.24	399.68
		For Class 52 Rating, Deduct	*-585.49*	
		For Class 54 Rating, Add	*805.67*	
		For Class 55 Rating, Add	*1,201.49*	
		For Class 56 Rating, Add	*1,591.99*	
40 05 19 00-1186	EA	10" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,062.67	402.40
		For Class 52 Rating, Deduct	*-599.83*	
		For Class 54 Rating, Add	*825.26*	
		For Class 55 Rating, Add	*1,230.65*	
		For Class 56 Rating, Add	*1,630.58*	
40 05 19 00-1187	EA	10" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,197.10	405.11
		For Class 52 Rating, Deduct	*-614.16*	
		For Class 54 Rating, Add	*844.86*	
		For Class 55 Rating, Add	*1,259.81*	
		For Class 56 Rating, Add	*1,669.17*	
40 05 19 00-1188	EA	10" Flanged x Plain End (FxPE), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,331.54	407.83
		For Class 52 Rating, Deduct	*-628.50*	
		For Class 54 Rating, Add	*864.46*	
		For Class 55 Rating, Add	*1,288.97*	
		For Class 56 Rating, Add	*1,707.76*	

40 05 19 00-1189 12" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-1028)*

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1190	EA	12" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,592.28	380.65
		For Class 52 Rating, Deduct	*-111.71*	
		For Class 54 Rating, Add	*159.25*	
		For Class 55 Rating, Add	*240.31*	
		For Class 56 Rating, Add	*320.35*	
40 05 19 00-1191	EA	12" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,760.42	383.36
		For Class 52 Rating, Deduct	*-129.75*	
		For Class 54 Rating, Add	*183.91*	
		For Class 55 Rating, Add	*276.98*	
		For Class 56 Rating, Add	*368.88*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1192	EA	12" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,928.56	386.08
		For Class 52 Rating, Deduct	*-147.79*	
		For Class 54 Rating, Add	*208.56*	
		For Class 55 Rating, Add	*313.66*	
		For Class 56 Rating, Add	*417.42*	
40 05 19 00-1193	EA	12" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,096.69	388.80
		For Class 52 Rating, Deduct	*-165.84*	
		For Class 54 Rating, Add	*233.21*	
		For Class 55 Rating, Add	*350.33*	
		For Class 56 Rating, Add	*465.95*	
40 05 19 00-1194	EA	12" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,264.82	391.52
		For Class 52 Rating, Deduct	*-183.88*	
		For Class 54 Rating, Add	*257.86*	
		For Class 55 Rating, Add	*387.01*	
		For Class 56 Rating, Add	*514.48*	
40 05 19 00-1195	EA	12" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,432.97	394.23
		For Class 52 Rating, Deduct	*-201.92*	
		For Class 54 Rating, Add	*282.51*	
		For Class 55 Rating, Add	*423.68*	
		For Class 56 Rating, Add	*563.02*	
40 05 19 00-1196	EA	12" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,601.10	396.96
		For Class 52 Rating, Deduct	*-219.96*	
		For Class 54 Rating, Add	*307.16*	
		For Class 55 Rating, Add	*460.36*	
		For Class 56 Rating, Add	*611.55*	
40 05 19 00-1197	EA	12" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,769.24	399.68
		For Class 52 Rating, Deduct	*-238.00*	
		For Class 54 Rating, Add	*331.82*	
		For Class 55 Rating, Add	*497.03*	
		For Class 56 Rating, Add	*660.08*	
40 05 19 00-1198	EA	12" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,937.37	402.40
		For Class 52 Rating, Deduct	*-256.04*	
		For Class 54 Rating, Add	*356.47*	
		For Class 55 Rating, Add	*533.71*	
		For Class 56 Rating, Add	*708.61*	
40 05 19 00-1199	EA	12" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,105.50	405.11
		For Class 52 Rating, Deduct	*-274.09*	
		For Class 54 Rating, Add	*381.12*	
		For Class 55 Rating, Add	*570.38*	
		For Class 56 Rating, Add	*757.15*	
40 05 19 00-1200	EA	12" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,273.65	407.83
		For Class 52 Rating, Deduct	*-292.13*	
		For Class 54 Rating, Add	*405.77*	
		For Class 55 Rating, Add	*607.06*	
		For Class 56 Rating, Add	*805.68*	
40 05 19 00-1201	EA	12" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,441.78	410.55
		For Class 52 Rating, Deduct	*-310.17*	
		For Class 54 Rating, Add	*430.42*	
		For Class 55 Rating, Add	*643.73*	
		For Class 56 Rating, Add	*854.21*	
40 05 19 00-1202	EA	12" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,609.91	413.26
		For Class 52 Rating, Deduct	*-328.21*	
		For Class 54 Rating, Add	*455.08*	
		For Class 55 Rating, Add	*680.40*	
		For Class 56 Rating, Add	*902.75*	
40 05 19 00-1203	EA	12" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,778.06	415.99
		For Class 52 Rating, Deduct	*-346.25*	
		For Class 54 Rating, Add	*479.73*	
		For Class 55 Rating, Add	*717.08*	
		For Class 56 Rating, Add	*951.28*	
40 05 19 00-1204	EA	12" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,946.18	418.71
		For Class 52 Rating, Deduct	*-364.30*	
		For Class 54 Rating, Add	*504.38*	
		For Class 55 Rating, Add	*753.75*	
		For Class 56 Rating, Add	*999.81*	
40 05 19 00-1205	EA	12" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,114.32	421.43
		For Class 52 Rating, Deduct	*-382.34*	
		For Class 54 Rating, Add	*529.03*	
		For Class 55 Rating, Add	*790.43*	
		For Class 56 Rating, Add	*1,048.35*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1206	EA	12" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,282.47	424.14
		For Class 52 Rating, Deduct	*-400.38*	
		For Class 54 Rating, Add	*553.68*	
		For Class 55 Rating, Add	*827.10*	
		For Class 56 Rating, Add	*1,096.88*	
40 05 19 00-1207	EA	12" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,450.59	426.87
		For Class 52 Rating, Deduct	*-418.42*	
		For Class 54 Rating, Add	*578.34*	
		For Class 55 Rating, Add	*863.78*	
		For Class 56 Rating, Add	*1,145.41*	
40 05 19 00-1208	EA	12" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,618.73	429.58
		For Class 52 Rating, Deduct	*-436.46*	
		For Class 54 Rating, Add	*602.99*	
		For Class 55 Rating, Add	*900.45*	
		For Class 56 Rating, Add	*1,193.95*	
40 05 19 00-1209	EA	12" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,786.87	432.29
		For Class 52 Rating, Deduct	*-454.51*	
		For Class 54 Rating, Add	*627.64*	
		For Class 55 Rating, Add	*937.13*	
		For Class 56 Rating, Add	*1,242.48*	
40 05 19 00-1210	EA	12" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,955.00	435.02
		For Class 52 Rating, Deduct	*-472.55*	
		For Class 54 Rating, Add	*652.29*	
		For Class 55 Rating, Add	*973.80*	
		For Class 56 Rating, Add	*1,291.01*	
40 05 19 00-1211	EA	12" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,123.14	437.74
		For Class 52 Rating, Deduct	*-490.59*	
		For Class 54 Rating, Add	*676.94*	
		For Class 55 Rating, Add	*1,010.48*	
		For Class 56 Rating, Add	*1,339.55*	
40 05 19 00-1212	EA	12" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,291.27	440.46
		For Class 52 Rating, Deduct	*-508.63*	
		For Class 54 Rating, Add	*701.59*	
		For Class 55 Rating, Add	*1,047.15*	
		For Class 56 Rating, Add	*1,388.08*	
40 05 19 00-1213	EA	12" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,459.41	443.17
		For Class 52 Rating, Deduct	*-526.67*	
		For Class 54 Rating, Add	*726.25*	
		For Class 55 Rating, Add	*1,083.82*	
		For Class 56 Rating, Add	*1,436.61*	
40 05 19 00-1214	EA	12" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,627.55	445.90
		For Class 52 Rating, Deduct	*-544.71*	
		For Class 54 Rating, Add	*750.90*	
		For Class 55 Rating, Add	*1,120.50*	
		For Class 56 Rating, Add	*1,485.15*	
40 05 19 00-1215	EA	12" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,795.68	448.61
		For Class 52 Rating, Deduct	*-562.76*	
		For Class 54 Rating, Add	*775.55*	
		For Class 55 Rating, Add	*1,157.17*	
		For Class 56 Rating, Add	*1,533.68*	
40 05 19 00-1216	EA	12" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,963.82	451.34
		For Class 52 Rating, Deduct	*-580.80*	
		For Class 54 Rating, Add	*800.20*	
		For Class 55 Rating, Add	*1,193.85*	
		For Class 56 Rating, Add	*1,582.21*	
40 05 19 00-1217	EA	12" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,131.96	454.05
		For Class 52 Rating, Deduct	*-598.84*	
		For Class 54 Rating, Add	*824.86*	
		For Class 55 Rating, Add	*1,230.52*	
		For Class 56 Rating, Add	*1,630.75*	
40 05 19 00-1218	EA	12" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,300.09	456.78
		For Class 52 Rating, Deduct	*-616.88*	
		For Class 54 Rating, Add	*849.51*	
		For Class 55 Rating, Add	*1,267.20*	
		For Class 56 Rating, Add	*1,679.28*	
40 05 19 00-1219	EA	12" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,468.22	459.49
		For Class 52 Rating, Deduct	*-634.92*	
		For Class 54 Rating, Add	*874.16*	
		For Class 55 Rating, Add	*1,303.87*	
		For Class 56 Rating, Add	*1,727.81*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1220	EA	12" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,636.37	462.20
		For Class 52 Rating, Deduct	*-652.97*	
		For Class 54 Rating, Add	*898.81*	
		For Class 55 Rating, Add	*1,340.55*	
		For Class 56 Rating, Add	*1,776.35*	
40 05 19 00-1221	EA	12" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,804.50	464.93
		For Class 52 Rating, Deduct	*-671.01*	
		For Class 54 Rating, Add	*923.46*	
		For Class 55 Rating, Add	*1,377.22*	
		For Class 56 Rating, Add	*1,824.88*	
40 05 19 00-1222	EA	12" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,972.63	467.64
		For Class 52 Rating, Deduct	*-689.05*	
		For Class 54 Rating, Add	*948.11*	
		For Class 55 Rating, Add	*1,413.90*	
		For Class 56 Rating, Add	*1,873.41*	
40 05 19 00-1223	EA	12" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,140.77	470.37
		For Class 52 Rating, Deduct	*-707.09*	
		For Class 54 Rating, Add	*972.77*	
		For Class 55 Rating, Add	*1,450.57*	
		For Class 56 Rating, Add	*1,921.94*	
40 05 19 00-1224	EA	12" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,308.90	473.08
		For Class 52 Rating, Deduct	*-725.13*	
		For Class 54 Rating, Add	*997.42*	
		For Class 55 Rating, Add	*1,487.24*	
		For Class 56 Rating, Add	*1,970.48*	
40 05 19 00-1225	EA	12" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,477.04	475.81
		For Class 52 Rating, Deduct	*-743.17*	
		For Class 54 Rating, Add	*1,022.07*	
		For Class 55 Rating, Add	*1,523.92*	
		For Class 56 Rating, Add	*2,019.01*	
40 05 19 00-1226	EA	12" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,645.18	478.52
		For Class 52 Rating, Deduct	*-761.22*	
		For Class 54 Rating, Add	*1,046.72*	
		For Class 55 Rating, Add	*1,560.59*	
		For Class 56 Rating, Add	*2,067.54*	
40 05 19 00-1227	EA	12" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,813.31	481.24
		For Class 52 Rating, Deduct	*-779.26*	
		For Class 54 Rating, Add	*1,071.37*	
		For Class 55 Rating, Add	*1,597.27*	
		For Class 56 Rating, Add	*2,116.08*	
40 05 19 00-1228	EA	12" Flanged x Plain End (FxPE), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,981.45	483.96
		For Class 52 Rating, Deduct	*-797.30*	
		For Class 54 Rating, Add	*1,096.03*	
		For Class 55 Rating, Add	*1,633.94*	
		For Class 56 Rating, Add	*2,164.61*	

40 05 19 00-1229 14" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-1028)*

40 05 19 00-1230	EA	14" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,141.27	456.78
		For Class 52 Rating, Deduct	*-159.41*	
		For Class 54 Rating, Add	*225.68*	
		For Class 55 Rating, Add	*339.78*	
		For Class 56 Rating, Add	*452.43*	
40 05 19 00-1231	EA	14" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,345.34	459.49
		For Class 52 Rating, Deduct	*-181.41*	
		For Class 54 Rating, Add	*255.73*	
		For Class 55 Rating, Add	*384.47*	
		For Class 56 Rating, Add	*511.56*	
40 05 19 00-1232	EA	14" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,549.44	462.20
		For Class 52 Rating, Deduct	*-203.40*	
		For Class 54 Rating, Add	*285.77*	
		For Class 55 Rating, Add	*429.16*	
		For Class 56 Rating, Add	*570.70*	
40 05 19 00-1233	EA	14" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,753.52	464.93
		For Class 52 Rating, Deduct	*-225.40*	
		For Class 54 Rating, Add	*315.82*	
		For Class 55 Rating, Add	*473.85*	
		For Class 56 Rating, Add	*629.84*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1234	EA	14" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,957.60	467.64
		For Class 52 Rating, Deduct	*-247.40*	
		For Class 54 Rating, Add	*345.86*	
		For Class 55 Rating, Add	*518.54*	
		For Class 56 Rating, Add	*688.98*	
40 05 19 00-1235	EA	14" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,161.69	470.37
		For Class 52 Rating, Deduct	*-269.39*	
		For Class 54 Rating, Add	*375.90*	
		For Class 55 Rating, Add	*563.23*	
		For Class 56 Rating, Add	*748.11*	
40 05 19 00-1236	EA	14" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,365.77	473.08
		For Class 52 Rating, Deduct	*-291.39*	
		For Class 54 Rating, Add	*405.95*	
		For Class 55 Rating, Add	*607.93*	
		For Class 56 Rating, Add	*807.25*	
40 05 19 00-1237	EA	14" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,569.85	475.81
		For Class 52 Rating, Deduct	*-313.38*	
		For Class 54 Rating, Add	*435.99*	
		For Class 55 Rating, Add	*652.62*	
		For Class 56 Rating, Add	*866.39*	
40 05 19 00-1238	EA	14" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,773.95	478.52
		For Class 52 Rating, Deduct	*-335.38*	
		For Class 54 Rating, Add	*466.04*	
		For Class 55 Rating, Add	*697.31*	
		For Class 56 Rating, Add	*925.53*	
40 05 19 00-1239	EA	14" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,978.02	481.24
		For Class 52 Rating, Deduct	*-357.38*	
		For Class 54 Rating, Add	*496.08*	
		For Class 55 Rating, Add	*742.00*	
		For Class 56 Rating, Add	*984.67*	
40 05 19 00-1240	EA	14" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,182.11	483.96
		For Class 52 Rating, Deduct	*-379.37*	
		For Class 54 Rating, Add	*526.13*	
		For Class 55 Rating, Add	*786.69*	
		For Class 56 Rating, Add	*1,043.81*	
40 05 19 00-1241	EA	14" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,386.19	486.68
		For Class 52 Rating, Deduct	*-401.37*	
		For Class 54 Rating, Add	*556.17*	
		For Class 55 Rating, Add	*831.38*	
		For Class 56 Rating, Add	*1,102.94*	
40 05 19 00-1242	EA	14" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,590.28	489.40
		For Class 52 Rating, Deduct	*-423.36*	
		For Class 54 Rating, Add	*586.21*	
		For Class 55 Rating, Add	*876.07*	
		For Class 56 Rating, Add	*1,162.08*	
40 05 19 00-1243	EA	14" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,794.36	492.12
		For Class 52 Rating, Deduct	*-445.36*	
		For Class 54 Rating, Add	*616.26*	
		For Class 55 Rating, Add	*920.76*	
		For Class 56 Rating, Add	*1,221.22*	
40 05 19 00-1244	EA	14" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,998.45	494.83
		For Class 52 Rating, Deduct	*-467.36*	
		For Class 54 Rating, Add	*646.30*	
		For Class 55 Rating, Add	*965.45*	
		For Class 56 Rating, Add	*1,280.36*	
40 05 19 00-1245	EA	14" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,202.53	497.55
		For Class 52 Rating, Deduct	*-489.35*	
		For Class 54 Rating, Add	*676.35*	
		For Class 55 Rating, Add	*1,010.14*	
		For Class 56 Rating, Add	*1,339.49*	
40 05 19 00-1246	EA	14" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,406.62	500.27
		For Class 52 Rating, Deduct	*-511.35*	
		For Class 54 Rating, Add	*706.39*	
		For Class 55 Rating, Add	*1,054.84*	
		For Class 56 Rating, Add	*1,398.63*	
40 05 19 00-1247	EA	14" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,610.70	502.99
		For Class 52 Rating, Deduct	*-533.34*	
		For Class 54 Rating, Add	*736.43*	
		For Class 55 Rating, Add	*1,099.53*	
		For Class 56 Rating, Add	*1,457.77*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1248	EA	14" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,814.79	505.71
		For Class 52 Rating, Deduct	*-555.34*	
		For Class 54 Rating, Add	*766.48*	
		For Class 55 Rating, Add	*1,144.22*	
		For Class 56 Rating, Add	*1,516.91*	
40 05 19 00-1249	EA	14" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,018.87	508.43
		For Class 52 Rating, Deduct	*-577.34*	
		For Class 54 Rating, Add	*796.52*	
		For Class 55 Rating, Add	*1,188.91*	
		For Class 56 Rating, Add	*1,576.05*	
40 05 19 00-1250	EA	14" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,222.96	511.15
		For Class 52 Rating, Deduct	*-599.33*	
		For Class 54 Rating, Add	*826.57*	
		For Class 55 Rating, Add	*1,233.60*	
		For Class 56 Rating, Add	*1,635.19*	
40 05 19 00-1251	EA	14" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,427.04	513.86
		For Class 52 Rating, Deduct	*-621.33*	
		For Class 54 Rating, Add	*856.61*	
		For Class 55 Rating, Add	*1,278.29*	
		For Class 56 Rating, Add	*1,694.32*	
40 05 19 00-1252	EA	14" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,631.13	516.59
		For Class 52 Rating, Deduct	*-643.33*	
		For Class 54 Rating, Add	*886.66*	
		For Class 55 Rating, Add	*1,322.98*	
		For Class 56 Rating, Add	*1,753.46*	
40 05 19 00-1253	EA	14" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,835.22	519.31
		For Class 52 Rating, Deduct	*-665.32*	
		For Class 54 Rating, Add	*916.70*	
		For Class 55 Rating, Add	*1,367.67*	
		For Class 56 Rating, Add	*1,812.60*	
40 05 19 00-1254	EA	14" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,039.29	522.03
		For Class 52 Rating, Deduct	*-687.32*	
		For Class 54 Rating, Add	*946.74*	
		For Class 55 Rating, Add	*1,412.36*	
		For Class 56 Rating, Add	*1,871.74*	
40 05 19 00-1255	EA	14" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,243.39	524.74
		For Class 52 Rating, Deduct	*-709.32*	
		For Class 54 Rating, Add	*976.79*	
		For Class 55 Rating, Add	*1,457.06*	
		For Class 56 Rating, Add	*1,930.88*	
40 05 19 00-1256	EA	14" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,447.46	527.47
		For Class 52 Rating, Deduct	*-731.31*	
		For Class 54 Rating, Add	*1,006.83*	
		For Class 55 Rating, Add	*1,501.75*	
		For Class 56 Rating, Add	*1,990.01*	
40 05 19 00-1257	EA	14" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,651.55	530.18
		For Class 52 Rating, Deduct	*-753.31*	
		For Class 54 Rating, Add	*1,036.88*	
		For Class 55 Rating, Add	*1,546.44*	
		For Class 56 Rating, Add	*2,049.15*	
40 05 19 00-1258	EA	14" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,855.64	532.89
		For Class 52 Rating, Deduct	*-775.30*	
		For Class 54 Rating, Add	*1,066.92*	
		For Class 55 Rating, Add	*1,591.13*	
		For Class 56 Rating, Add	*2,108.29*	
40 05 19 00-1259	EA	14" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,059.72	535.62
		For Class 52 Rating, Deduct	*-797.30*	
		For Class 54 Rating, Add	*1,096.97*	
		For Class 55 Rating, Add	*1,635.82*	
		For Class 56 Rating, Add	*2,167.43*	
40 05 19 00-1260	EA	14" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,263.80	538.34
		For Class 52 Rating, Deduct	*-819.30*	
		For Class 54 Rating, Add	*1,127.01*	
		For Class 55 Rating, Add	*1,680.51*	
		For Class 56 Rating, Add	*2,226.57*	
40 05 19 00-1261	EA	14" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,467.89	541.06
		For Class 52 Rating, Deduct	*-841.29*	
		For Class 54 Rating, Add	*1,157.05*	
		For Class 55 Rating, Add	*1,725.20*	
		For Class 56 Rating, Add	*2,285.70*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1262	EA	14" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,671.97	543.77
		For Class 52 Rating, Deduct	*-863.29*	
		For Class 54 Rating, Add	*1,187.10*	
		For Class 55 Rating, Add	*1,769.89*	
		For Class 56 Rating, Add	*2,344.84*	
40 05 19 00-1263	EA	14" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,876.06	546.50
		For Class 52 Rating, Deduct	*-885.28*	
		For Class 54 Rating, Add	*1,217.14*	
		For Class 55 Rating, Add	*1,814.59*	
		For Class 56 Rating, Add	*2,403.98*	
40 05 19 00-1264	EA	14" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,080.14	549.21
		For Class 52 Rating, Deduct	*-907.28*	
		For Class 54 Rating, Add	*1,247.19*	
		For Class 55 Rating, Add	*1,859.28*	
		For Class 56 Rating, Add	*2,463.12*	
40 05 19 00-1265	EA	14" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,284.23	551.93
		For Class 52 Rating, Deduct	*-929.28*	
		For Class 54 Rating, Add	*1,277.23*	
		For Class 55 Rating, Add	*1,903.97*	
		For Class 56 Rating, Add	*2,522.26*	
40 05 19 00-1266	EA	14" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,488.31	554.65
		For Class 52 Rating, Deduct	*-951.27*	
		For Class 54 Rating, Add	*1,307.27*	
		For Class 55 Rating, Add	*1,948.66*	
		For Class 56 Rating, Add	*2,581.39*	
40 05 19 00-1267	EA	14" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,692.40	557.38
		For Class 52 Rating, Deduct	*-973.27*	
		For Class 54 Rating, Add	*1,337.32*	
		For Class 55 Rating, Add	*1,993.35*	
		For Class 56 Rating, Add	*2,640.53*	

40 05 19 00-1268 16" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-1028)*

40 05 19 00-1269	EA	16" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,505.25	522.03
		For Class 52 Rating, Deduct	*-188.57*	
		For Class 54 Rating, Add	*266.64*	
		For Class 55 Rating, Add	*401.27*	
		For Class 56 Rating, Add	*534.20*	
40 05 19 00-1270	EA	16" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,743.05	524.74
		For Class 52 Rating, Deduct	*-214.28*	
		For Class 54 Rating, Add	*301.74*	
		For Class 55 Rating, Add	*453.48*	
		For Class 56 Rating, Add	*603.28*	
40 05 19 00-1271	EA	16" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,980.82	527.47
		For Class 52 Rating, Deduct	*-239.98*	
		For Class 54 Rating, Add	*336.84*	
		For Class 55 Rating, Add	*505.69*	
		For Class 56 Rating, Add	*672.35*	
40 05 19 00-1272	EA	16" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,218.61	530.18
		For Class 52 Rating, Deduct	*-265.68*	
		For Class 54 Rating, Add	*371.94*	
		For Class 55 Rating, Add	*557.89*	
		For Class 56 Rating, Add	*741.44*	
40 05 19 00-1273	EA	16" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,456.41	532.89
		For Class 52 Rating, Deduct	*-291.39*	
		For Class 54 Rating, Add	*407.04*	
		For Class 55 Rating, Add	*610.10*	
		For Class 56 Rating, Add	*810.52*	
40 05 19 00-1274	EA	16" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,694.18	535.62
		For Class 52 Rating, Deduct	*-317.09*	
		For Class 54 Rating, Add	*442.13*	
		For Class 55 Rating, Add	*662.31*	
		For Class 56 Rating, Add	*879.59*	
40 05 19 00-1275	EA	16" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,931.97	538.34
		For Class 52 Rating, Deduct	*-342.79*	
		For Class 54 Rating, Add	*477.23*	
		For Class 55 Rating, Add	*714.51*	
		For Class 56 Rating, Add	*948.68*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1276	EA	16" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,169.76	541.06
		For Class 52 Rating, Deduct	*-368.50*	
		For Class 54 Rating, Add	*512.33*	
		For Class 55 Rating, Add	*766.72*	
		For Class 56 Rating, Add	*1,017.76*	
40 05 19 00-1277	EA	16" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,407.55	543.77
		For Class 52 Rating, Deduct	*-394.20*	
		For Class 54 Rating, Add	*547.43*	
		For Class 55 Rating, Add	*818.93*	
		For Class 56 Rating, Add	*1,086.84*	
40 05 19 00-1278	EA	16" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,645.33	546.50
		For Class 52 Rating, Deduct	*-419.90*	
		For Class 54 Rating, Add	*582.53*	
		For Class 55 Rating, Add	*871.13*	
		For Class 56 Rating, Add	*1,155.92*	
40 05 19 00-1279	EA	16" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,883.12	549.21
		For Class 52 Rating, Deduct	*-445.61*	
		For Class 54 Rating, Add	*617.63*	
		For Class 55 Rating, Add	*923.34*	
		For Class 56 Rating, Add	*1,225.00*	
40 05 19 00-1280	EA	16" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,120.91	551.93
		For Class 52 Rating, Deduct	*-471.31*	
		For Class 54 Rating, Add	*652.73*	
		For Class 55 Rating, Add	*975.55*	
		For Class 56 Rating, Add	*1,294.08*	
40 05 19 00-1281	EA	16" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,358.69	554.65
		For Class 52 Rating, Deduct	*-497.01*	
		For Class 54 Rating, Add	*687.83*	
		For Class 55 Rating, Add	*1,027.75*	
		For Class 56 Rating, Add	*1,363.16*	
40 05 19 00-1282	EA	16" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,596.48	557.38
		For Class 52 Rating, Deduct	*-522.72*	
		For Class 54 Rating, Add	*722.93*	
		For Class 55 Rating, Add	*1,079.96*	
		For Class 56 Rating, Add	*1,432.24*	
40 05 19 00-1283	EA	16" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,834.27	560.09
		For Class 52 Rating, Deduct	*-548.42*	
		For Class 54 Rating, Add	*758.03*	
		For Class 55 Rating, Add	*1,132.17*	
		For Class 56 Rating, Add	*1,501.32*	
40 05 19 00-1284	EA	16" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,072.06	562.80
		For Class 52 Rating, Deduct	*-574.13*	
		For Class 54 Rating, Add	*793.13*	
		For Class 55 Rating, Add	*1,184.37*	
		For Class 56 Rating, Add	*1,570.40*	
40 05 19 00-1285	EA	16" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,309.84	565.53
		For Class 52 Rating, Deduct	*-599.83*	
		For Class 54 Rating, Add	*828.23*	
		For Class 55 Rating, Add	*1,236.58*	
		For Class 56 Rating, Add	*1,639.48*	
40 05 19 00-1286	EA	16" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,547.62	568.24
		For Class 52 Rating, Deduct	*-625.53*	
		For Class 54 Rating, Add	*863.33*	
		For Class 55 Rating, Add	*1,288.79*	
		For Class 56 Rating, Add	*1,708.56*	
40 05 19 00-1287	EA	16" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,785.42	570.96
		For Class 52 Rating, Deduct	*-651.24*	
		For Class 54 Rating, Add	*898.43*	
		For Class 55 Rating, Add	*1,340.99*	
		For Class 56 Rating, Add	*1,777.64*	
40 05 19 00-1288	EA	16" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,023.21	573.68
		For Class 52 Rating, Deduct	*-676.94*	
		For Class 54 Rating, Add	*933.53*	
		For Class 55 Rating, Add	*1,393.20*	
		For Class 56 Rating, Add	*1,846.72*	
40 05 19 00-1289	EA	16" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,260.98	576.41
		For Class 52 Rating, Deduct	*-702.64*	
		For Class 54 Rating, Add	*968.63*	
		For Class 55 Rating, Add	*1,445.41*	
		For Class 56 Rating, Add	*1,915.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1290	EA	16" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,498.78	579.12
		For Class 52 Rating, Deduct	*-728.35*	
		For Class 54 Rating, Add	*1,003.73*	
		For Class 55 Rating, Add	*1,497.61*	
		For Class 56 Rating, Add	*1,984.88*	
40 05 19 00-1291	EA	16" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,736.56	581.84
		For Class 52 Rating, Deduct	*-754.05*	
		For Class 54 Rating, Add	*1,038.83*	
		For Class 55 Rating, Add	*1,549.82*	
		For Class 56 Rating, Add	*2,053.96*	
40 05 19 00-1292	EA	16" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,974.34	584.56
		For Class 52 Rating, Deduct	*-779.75*	
		For Class 54 Rating, Add	*1,073.93*	
		For Class 55 Rating, Add	*1,602.03*	
		For Class 56 Rating, Add	*2,123.04*	
40 05 19 00-1293	EA	16" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,212.14	587.29
		For Class 52 Rating, Deduct	*-805.46*	
		For Class 54 Rating, Add	*1,109.03*	
		For Class 55 Rating, Add	*1,654.23*	
		For Class 56 Rating, Add	*2,192.12*	
40 05 19 00-1294	EA	16" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,449.92	589.99
		For Class 52 Rating, Deduct	*-831.16*	
		For Class 54 Rating, Add	*1,144.13*	
		For Class 55 Rating, Add	*1,706.44*	
		For Class 56 Rating, Add	*2,261.20*	
40 05 19 00-1295	EA	16" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,687.71	592.71
		For Class 52 Rating, Deduct	*-856.86*	
		For Class 54 Rating, Add	*1,179.23*	
		For Class 55 Rating, Add	*1,758.65*	
		For Class 56 Rating, Add	*2,330.28*	
40 05 19 00-1296	EA	16" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,925.49	595.44
		For Class 52 Rating, Deduct	*-882.57*	
		For Class 54 Rating, Add	*1,214.32*	
		For Class 55 Rating, Add	*1,810.85*	
		For Class 56 Rating, Add	*2,399.36*	
40 05 19 00-1297	EA	16" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,163.28	598.14
		For Class 52 Rating, Deduct	*-908.27*	
		For Class 54 Rating, Add	*1,249.42*	
		For Class 55 Rating, Add	*1,863.06*	
		For Class 56 Rating, Add	*2,468.44*	
40 05 19 00-1298	EA	16" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,401.08	600.87
		For Class 52 Rating, Deduct	*-933.97*	
		For Class 54 Rating, Add	*1,284.52*	
		For Class 55 Rating, Add	*1,915.27*	
		For Class 56 Rating, Add	*2,537.52*	
40 05 19 00-1299	EA	16" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,638.85	603.59
		For Class 52 Rating, Deduct	*-959.68*	
		For Class 54 Rating, Add	*1,319.62*	
		For Class 55 Rating, Add	*1,967.47*	
		For Class 56 Rating, Add	*2,606.60*	
40 05 19 00-1300	EA	16" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,876.64	606.32
		For Class 52 Rating, Deduct	*-985.38*	
		For Class 54 Rating, Add	*1,354.72*	
		For Class 55 Rating, Add	*2,019.68*	
		For Class 56 Rating, Add	*2,675.68*	
40 05 19 00-1301	EA	16" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,114.43	609.02
		For Class 52 Rating, Deduct	*-1,011.08*	
		For Class 54 Rating, Add	*1,389.82*	
		For Class 55 Rating, Add	*2,071.89*	
		For Class 56 Rating, Add	*2,744.76*	
40 05 19 00-1302	EA	16" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,352.22	611.75
		For Class 52 Rating, Deduct	*-1,036.79*	
		For Class 54 Rating, Add	*1,424.92*	
		For Class 55 Rating, Add	*2,124.09*	
		For Class 56 Rating, Add	*2,813.84*	
40 05 19 00-1303	EA	16" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,590.00	614.47
		For Class 52 Rating, Deduct	*-1,062.49*	
		For Class 54 Rating, Add	*1,460.02*	
		For Class 55 Rating, Add	*2,176.30*	
		For Class 56 Rating, Add	*2,882.92*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1304	EA	16" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,827.79	617.17
		For Class 52 Rating, Deduct	*-1,088.19*	
		For Class 54 Rating, Add	*1,495.12*	
		For Class 55 Rating, Add	*2,228.51*	
		For Class 56 Rating, Add	*2,952.00*	
40 05 19 00-1305	EA	16" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,065.58	619.90
		For Class 52 Rating, Deduct	*-1,113.90*	
		For Class 54 Rating, Add	*1,530.22*	
		For Class 55 Rating, Add	*2,280.71*	
		For Class 56 Rating, Add	*3,021.08*	
40 05 19 00-1306	EA	16" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,303.35	622.62
		For Class 52 Rating, Deduct	*-1,139.60*	
		For Class 54 Rating, Add	*1,565.32*	
		For Class 55 Rating, Add	*2,332.92*	
		For Class 56 Rating, Add	*3,090.16*	

40 05 19 00-1307 18" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-1028)*

40 05 19 00-1308	EA	18" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,902.35	588.37
		For Class 52 Rating, Deduct	*-221.20*	
		For Class 54 Rating, Add	*312.33*	
		For Class 55 Rating, Add	*469.82*	
		For Class 56 Rating, Add	*625.31*	
40 05 19 00-1309	EA	18" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,176.08	591.09
		For Class 52 Rating, Deduct	*-250.86*	
		For Class 54 Rating, Add	*352.82*	
		For Class 55 Rating, Add	*530.05*	
		For Class 56 Rating, Add	*704.99*	
40 05 19 00-1310	EA	18" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,449.82	593.80
		For Class 52 Rating, Deduct	*-280.51*	
		For Class 54 Rating, Add	*393.31*	
		For Class 55 Rating, Add	*590.27*	
		For Class 56 Rating, Add	*784.67*	
40 05 19 00-1311	EA	18" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,723.55	596.52
		For Class 52 Rating, Deduct	*-310.17*	
		For Class 54 Rating, Add	*433.81*	
		For Class 55 Rating, Add	*650.49*	
		For Class 56 Rating, Add	*864.36*	
40 05 19 00-1312	EA	18" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,997.30	599.24
		For Class 52 Rating, Deduct	*-339.83*	
		For Class 54 Rating, Add	*474.30*	
		For Class 55 Rating, Add	*710.72*	
		For Class 56 Rating, Add	*944.04*	
40 05 19 00-1313	EA	18" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,271.03	601.96
		For Class 52 Rating, Deduct	*-369.49*	
		For Class 54 Rating, Add	*514.79*	
		For Class 55 Rating, Add	*770.94*	
		For Class 56 Rating, Add	*1,023.73*	
40 05 19 00-1314	EA	18" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,544.76	604.67
		For Class 52 Rating, Deduct	*-399.14*	
		For Class 54 Rating, Add	*555.28*	
		For Class 55 Rating, Add	*831.16*	
		For Class 56 Rating, Add	*1,103.41*	
40 05 19 00-1315	EA	18" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,818.50	607.40
		For Class 52 Rating, Deduct	*-428.80*	
		For Class 54 Rating, Add	*595.77*	
		For Class 55 Rating, Add	*891.39*	
		For Class 56 Rating, Add	*1,183.10*	
40 05 19 00-1316	EA	18" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,092.23	610.12
		For Class 52 Rating, Deduct	*-458.46*	
		For Class 54 Rating, Add	*636.26*	
		For Class 55 Rating, Add	*951.61*	
		For Class 56 Rating, Add	*1,262.78*	
40 05 19 00-1317	EA	18" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,365.97	612.84
		For Class 52 Rating, Deduct	*-488.12*	
		For Class 54 Rating, Add	*676.76*	
		For Class 55 Rating, Add	*1,011.83*	
		For Class 56 Rating, Add	*1,342.47*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1318	EA	18" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,639.71	615.55
		For Class 52 Rating, Deduct	*-517.78*	
		For Class 54 Rating, Add	*717.25*	
		For Class 55 Rating, Add	*1,072.06*	
		For Class 56 Rating, Add	*1,422.16*	
40 05 19 00-1319	EA	18" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,913.44	618.28
		For Class 52 Rating, Deduct	*-547.43*	
		For Class 54 Rating, Add	*757.74*	
		For Class 55 Rating, Add	*1,132.28*	
		For Class 56 Rating, Add	*1,501.84*	
40 05 19 00-1320	EA	18" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,187.17	620.99
		For Class 52 Rating, Deduct	*-577.09*	
		For Class 54 Rating, Add	*798.23*	
		For Class 55 Rating, Add	*1,192.50*	
		For Class 56 Rating, Add	*1,581.52*	
40 05 19 00-1321	EA	18" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,460.91	623.70
		For Class 52 Rating, Deduct	*-606.75*	
		For Class 54 Rating, Add	*838.72*	
		For Class 55 Rating, Add	*1,252.72*	
		For Class 56 Rating, Add	*1,661.21*	
40 05 19 00-1322	EA	18" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,734.65	626.43
		For Class 52 Rating, Deduct	*-636.41*	
		For Class 54 Rating, Add	*879.22*	
		For Class 55 Rating, Add	*1,312.95*	
		For Class 56 Rating, Add	*1,740.89*	
40 05 19 00-1323	EA	18" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,008.38	629.15
		For Class 52 Rating, Deduct	*-666.06*	
		For Class 54 Rating, Add	*919.71*	
		For Class 55 Rating, Add	*1,373.17*	
		For Class 56 Rating, Add	*1,820.58*	
40 05 19 00-1324	EA	18" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,282.12	631.87
		For Class 52 Rating, Deduct	*-695.72*	
		For Class 54 Rating, Add	*960.20*	
		For Class 55 Rating, Add	*1,433.39*	
		For Class 56 Rating, Add	*1,900.26*	
40 05 19 00-1325	EA	18" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,555.85	634.58
		For Class 52 Rating, Deduct	*-725.38*	
		For Class 54 Rating, Add	*1,000.69*	
		For Class 55 Rating, Add	*1,493.62*	
		For Class 56 Rating, Add	*1,979.95*	
40 05 19 00-1326	EA	18" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,829.58	637.31
		For Class 52 Rating, Deduct	*-755.04*	
		For Class 54 Rating, Add	*1,041.18*	
		For Class 55 Rating, Add	*1,553.84*	
		For Class 56 Rating, Add	*2,059.63*	
40 05 19 00-1327	EA	18" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,103.33	640.02
		For Class 52 Rating, Deduct	*-784.69*	
		For Class 54 Rating, Add	*1,081.68*	
		For Class 55 Rating, Add	*1,614.06*	
		For Class 56 Rating, Add	*2,139.32*	
40 05 19 00-1328	EA	18" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,377.06	642.74
		For Class 52 Rating, Deduct	*-814.35*	
		For Class 54 Rating, Add	*1,122.17*	
		For Class 55 Rating, Add	*1,674.29*	
		For Class 56 Rating, Add	*2,219.01*	
40 05 19 00-1329	EA	18" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,650.79	645.46
		For Class 52 Rating, Deduct	*-844.01*	
		For Class 54 Rating, Add	*1,162.66*	
		For Class 55 Rating, Add	*1,734.51*	
		For Class 56 Rating, Add	*2,298.69*	
40 05 19 00-1330	EA	18" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,924.53	648.19
		For Class 52 Rating, Deduct	*-873.67*	
		For Class 54 Rating, Add	*1,203.15*	
		For Class 55 Rating, Add	*1,794.73*	
		For Class 56 Rating, Add	*2,378.38*	
40 05 19 00-1331	EA	18" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,198.26	650.89
		For Class 52 Rating, Deduct	*-903.33*	
		For Class 54 Rating, Add	*1,243.64*	
		For Class 55 Rating, Add	*1,854.96*	
		For Class 56 Rating, Add	*2,458.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1332	EA	18" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,472.01	653.61
		For Class 52 Rating, Deduct	*-932.98*	
		For Class 54 Rating, Add	*1,284.13*	
		For Class 55 Rating, Add	*1,915.18*	
		For Class 56 Rating, Add	*2,537.74*	
40 05 19 00-1333	EA	18" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,745.74	656.34
		For Class 52 Rating, Deduct	*-962.64*	
		For Class 54 Rating, Add	*1,324.63*	
		For Class 55 Rating, Add	*1,975.40*	
		For Class 56 Rating, Add	*2,617.43*	
40 05 19 00-1334	EA	18" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,019.47	659.06
		For Class 52 Rating, Deduct	*-992.30*	
		For Class 54 Rating, Add	*1,365.12*	
		For Class 55 Rating, Add	*2,035.63*	
		For Class 56 Rating, Add	*2,697.11*	
40 05 19 00-1335	EA	18" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,293.21	661.77
		For Class 52 Rating, Deduct	*-1,021.96*	
		For Class 54 Rating, Add	*1,405.61*	
		For Class 55 Rating, Add	*2,095.85*	
		For Class 56 Rating, Add	*2,776.80*	
40 05 19 00-1336	EA	18" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,566.94	664.49
		For Class 52 Rating, Deduct	*-1,051.61*	
		For Class 54 Rating, Add	*1,446.10*	
		For Class 55 Rating, Add	*2,156.07*	
		For Class 56 Rating, Add	*2,856.48*	
40 05 19 00-1337	EA	18" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,840.68	667.22
		For Class 52 Rating, Deduct	*-1,081.27*	
		For Class 54 Rating, Add	*1,486.59*	
		For Class 55 Rating, Add	*2,216.30*	
		For Class 56 Rating, Add	*2,936.17*	
40 05 19 00-1338	EA	18" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,114.42	669.92
		For Class 52 Rating, Deduct	*-1,110.93*	
		For Class 54 Rating, Add	*1,527.09*	
		For Class 55 Rating, Add	*2,276.52*	
		For Class 56 Rating, Add	*3,015.86*	
40 05 19 00-1339	EA	18" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,388.15	672.65
		For Class 52 Rating, Deduct	*-1,140.59*	
		For Class 54 Rating, Add	*1,567.58*	
		For Class 55 Rating, Add	*2,336.74*	
		For Class 56 Rating, Add	*3,095.54*	
40 05 19 00-1340	EA	18" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,661.88	675.37
		For Class 52 Rating, Deduct	*-1,170.25*	
		For Class 54 Rating, Add	*1,608.07*	
		For Class 55 Rating, Add	*2,396.97*	
		For Class 56 Rating, Add	*3,175.23*	
40 05 19 00-1341	EA	18" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,935.62	678.10
		For Class 52 Rating, Deduct	*-1,199.90*	
		For Class 54 Rating, Add	*1,648.56*	
		For Class 55 Rating, Add	*2,457.19*	
		For Class 56 Rating, Add	*3,254.91*	
40 05 19 00-1342	EA	18" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,209.36	680.80
		For Class 52 Rating, Deduct	*-1,229.56*	
		For Class 54 Rating, Add	*1,689.05*	
		For Class 55 Rating, Add	*2,517.41*	
		For Class 56 Rating, Add	*3,334.59*	
40 05 19 00-1343	EA	18" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,483.09	683.52
		For Class 52 Rating, Deduct	*-1,259.22*	
		For Class 54 Rating, Add	*1,729.55*	
		For Class 55 Rating, Add	*2,577.64*	
		For Class 56 Rating, Add	*3,414.28*	
40 05 19 00-1344	EA	18" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,756.83	686.25
		For Class 52 Rating, Deduct	*-1,288.88*	
		For Class 54 Rating, Add	*1,770.04*	
		For Class 55 Rating, Add	*2,637.86*	
		For Class 56 Rating, Add	*3,493.96*	
40 05 19 00-1345	EA	18" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,030.56	688.95
		For Class 52 Rating, Deduct	*-1,318.53*	
		For Class 54 Rating, Add	*1,810.53*	
		For Class 55 Rating, Add	*2,698.08*	
		For Class 56 Rating, Add	*3,573.65*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1346		20" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-1028)*		
40 05 19 00-1347	EA	20" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,385.65	671.57
		For Class 52 Rating, Deduct	*-260.49*	
		For Class 54 Rating, Add	*367.43*	
		For Class 55 Rating, Add	*552.51*	
		For Class 56 Rating, Add	*735.23*	
40 05 19 00-1348	EA	20" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,699.83	674.28
		For Class 52 Rating, Deduct	*-294.60*	
		For Class 54 Rating, Add	*413.99*	
		For Class 55 Rating, Add	*621.76*	
		For Class 56 Rating, Add	*826.85*	
40 05 19 00-1349	EA	20" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,013.99	677.00
		For Class 52 Rating, Deduct	*-328.71*	
		For Class 54 Rating, Add	*460.55*	
		For Class 55 Rating, Add	*691.00*	
		For Class 56 Rating, Add	*918.46*	
40 05 19 00-1350	EA	20" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,328.18	679.72
		For Class 52 Rating, Deduct	*-362.81*	
		For Class 54 Rating, Add	*507.10*	
		For Class 55 Rating, Add	*760.24*	
		For Class 56 Rating, Add	*1,010.07*	
40 05 19 00-1351	EA	20" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,642.36	682.45
		For Class 52 Rating, Deduct	*-396.92*	
		For Class 54 Rating, Add	*553.66*	
		For Class 55 Rating, Add	*829.48*	
		For Class 56 Rating, Add	*1,101.69*	
40 05 19 00-1352	EA	20" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,956.53	685.15
		For Class 52 Rating, Deduct	*-431.03*	
		For Class 54 Rating, Add	*600.22*	
		For Class 55 Rating, Add	*898.72*	
		For Class 56 Rating, Add	*1,193.31*	
40 05 19 00-1353	EA	20" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,270.72	687.87
		For Class 52 Rating, Deduct	*-465.13*	
		For Class 54 Rating, Add	*646.78*	
		For Class 55 Rating, Add	*967.96*	
		For Class 56 Rating, Add	*1,284.92*	
40 05 19 00-1354	EA	20" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,584.89	690.60
		For Class 52 Rating, Deduct	*-499.24*	
		For Class 54 Rating, Add	*693.34*	
		For Class 55 Rating, Add	*1,037.21*	
		For Class 56 Rating, Add	*1,376.54*	
40 05 19 00-1355	EA	20" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,899.06	693.31
		For Class 52 Rating, Deduct	*-533.34*	
		For Class 54 Rating, Add	*739.89*	
		For Class 55 Rating, Add	*1,106.45*	
		For Class 56 Rating, Add	*1,468.15*	
40 05 19 00-1356	EA	20" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,213.25	696.03
		For Class 52 Rating, Deduct	*-567.45*	
		For Class 54 Rating, Add	*786.45*	
		For Class 55 Rating, Add	*1,175.69*	
		For Class 56 Rating, Add	*1,559.77*	
40 05 19 00-1357	EA	20" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,527.42	698.75
		For Class 52 Rating, Deduct	*-601.56*	
		For Class 54 Rating, Add	*833.01*	
		For Class 55 Rating, Add	*1,244.93*	
		For Class 56 Rating, Add	*1,651.38*	
40 05 19 00-1358	EA	20" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,841.60	701.48
		For Class 52 Rating, Deduct	*-635.66*	
		For Class 54 Rating, Add	*879.57*	
		For Class 55 Rating, Add	*1,314.17*	
		For Class 56 Rating, Add	*1,743.00*	
40 05 19 00-1359	EA	20" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,155.78	704.18
		For Class 52 Rating, Deduct	*-669.77*	
		For Class 54 Rating, Add	*926.13*	
		For Class 55 Rating, Add	*1,383.42*	
		For Class 56 Rating, Add	*1,834.62*	
40 05 19 00-1360	EA	20" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,469.96	706.91
		For Class 52 Rating, Deduct	*-703.88*	
		For Class 54 Rating, Add	*972.69*	
		For Class 55 Rating, Add	*1,452.66*	
		For Class 56 Rating, Add	*1,926.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1361	EA	20" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,784.14	709.63
		For Class 52 Rating, Deduct	*-737.98*	
		For Class 54 Rating, Add	*1,019.24*	
		For Class 55 Rating, Add	*1,521.90*	
		For Class 56 Rating, Add	*2,017.84*	
40 05 19 00-1362	EA	20" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,098.31	712.35
		For Class 52 Rating, Deduct	*-772.09*	
		For Class 54 Rating, Add	*1,065.80*	
		For Class 55 Rating, Add	*1,591.14*	
		For Class 56 Rating, Add	*2,109.46*	
40 05 19 00-1363	EA	20" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,412.49	715.06
		For Class 52 Rating, Deduct	*-806.20*	
		For Class 54 Rating, Add	*1,112.36*	
		For Class 55 Rating, Add	*1,660.38*	
		For Class 56 Rating, Add	*2,201.08*	
40 05 19 00-1364	EA	20" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,726.67	717.78
		For Class 52 Rating, Deduct	*-840.30*	
		For Class 54 Rating, Add	*1,158.92*	
		For Class 55 Rating, Add	*1,729.62*	
		For Class 56 Rating, Add	*2,292.69*	
40 05 19 00-1365	EA	20" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,040.85	720.51
		For Class 52 Rating, Deduct	*-874.41*	
		For Class 54 Rating, Add	*1,205.48*	
		For Class 55 Rating, Add	*1,798.87*	
		For Class 56 Rating, Add	*2,384.31*	
40 05 19 00-1366	EA	20" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,355.03	723.22
		For Class 52 Rating, Deduct	*-908.52*	
		For Class 54 Rating, Add	*1,252.04*	
		For Class 55 Rating, Add	*1,868.11*	
		For Class 56 Rating, Add	*2,475.92*	
40 05 19 00-1367	EA	20" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,669.21	725.94
		For Class 52 Rating, Deduct	*-942.62*	
		For Class 54 Rating, Add	*1,298.59*	
		For Class 55 Rating, Add	*1,937.35*	
		For Class 56 Rating, Add	*2,567.54*	
40 05 19 00-1368	EA	20" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,983.38	728.66
		For Class 52 Rating, Deduct	*-976.73*	
		For Class 54 Rating, Add	*1,345.15*	
		For Class 55 Rating, Add	*2,006.59*	
		For Class 56 Rating, Add	*2,659.15*	
40 05 19 00-1369	EA	20" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,297.55	731.38
		For Class 52 Rating, Deduct	*-1,010.84*	
		For Class 54 Rating, Add	*1,391.71*	
		For Class 55 Rating, Add	*2,075.83*	
		For Class 56 Rating, Add	*2,750.77*	
40 05 19 00-1370	EA	20" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,611.74	734.09
		For Class 52 Rating, Deduct	*-1,044.94*	
		For Class 54 Rating, Add	*1,438.27*	
		For Class 55 Rating, Add	*2,145.08*	
		For Class 56 Rating, Add	*2,842.39*	
40 05 19 00-1371	EA	20" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,925.92	736.82
		For Class 52 Rating, Deduct	*-1,079.05*	
		For Class 54 Rating, Add	*1,484.83*	
		For Class 55 Rating, Add	*2,214.32*	
		For Class 56 Rating, Add	*2,934.00*	
40 05 19 00-1372	EA	20" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,240.09	739.54
		For Class 52 Rating, Deduct	*-1,113.15*	
		For Class 54 Rating, Add	*1,531.38*	
		For Class 55 Rating, Add	*2,283.56*	
		For Class 56 Rating, Add	*3,025.62*	
40 05 19 00-1373	EA	20" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,554.28	742.26
		For Class 52 Rating, Deduct	*-1,147.26*	
		For Class 54 Rating, Add	*1,577.94*	
		For Class 55 Rating, Add	*2,352.80*	
		For Class 56 Rating, Add	*3,117.23*	
40 05 19 00-1374	EA	20" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,868.44	744.97
		For Class 52 Rating, Deduct	*-1,181.37*	
		For Class 54 Rating, Add	*1,624.50*	
		For Class 55 Rating, Add	*2,422.04*	
		For Class 56 Rating, Add	*3,208.85*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1375	EA	20" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,182.62	747.69
		For Class 52 Rating, Deduct	*-1,215.47*	
		For Class 54 Rating, Add	*1,671.06*	
		For Class 55 Rating, Add	*2,491.29*	
		For Class 56 Rating, Add	*3,300.46*	
40 05 19 00-1376	EA	20" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,496.81	750.41
		For Class 52 Rating, Deduct	*-1,249.58*	
		For Class 54 Rating, Add	*1,717.62*	
		For Class 55 Rating, Add	*2,560.53*	
		For Class 56 Rating, Add	*3,392.08*	
40 05 19 00-1377	EA	20" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,810.98	753.12
		For Class 52 Rating, Deduct	*-1,283.69*	
		For Class 54 Rating, Add	*1,764.18*	
		For Class 55 Rating, Add	*2,629.77*	
		For Class 56 Rating, Add	*3,483.69*	
40 05 19 00-1378	EA	20" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,125.16	755.85
		For Class 52 Rating, Deduct	*-1,317.79*	
		For Class 54 Rating, Add	*1,810.73*	
		For Class 55 Rating, Add	*2,699.01*	
		For Class 56 Rating, Add	*3,575.31*	
40 05 19 00-1379	EA	20" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,439.34	758.56
		For Class 52 Rating, Deduct	*-1,351.90*	
		For Class 54 Rating, Add	*1,857.29*	
		For Class 55 Rating, Add	*2,768.25*	
		For Class 56 Rating, Add	*3,666.93*	
40 05 19 00-1380	EA	20" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,753.51	761.29
		For Class 52 Rating, Deduct	*-1,386.01*	
		For Class 54 Rating, Add	*1,903.85*	
		For Class 55 Rating, Add	*2,837.49*	
		For Class 56 Rating, Add	*3,758.54*	
40 05 19 00-1381	EA	20" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,067.70	764.00
		For Class 52 Rating, Deduct	*-1,420.11*	
		For Class 54 Rating, Add	*1,950.41*	
		For Class 55 Rating, Add	*2,906.74*	
		For Class 56 Rating, Add	*3,850.16*	
40 05 19 00-1382	EA	20" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,381.87	766.73
		For Class 52 Rating, Deduct	*-1,454.22*	
		For Class 54 Rating, Add	*1,996.97*	
		For Class 55 Rating, Add	*2,975.98*	
		For Class 56 Rating, Add	*3,941.77*	
40 05 19 00-1383	EA	20" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,696.05	769.44
		For Class 52 Rating, Deduct	*-1,488.33*	
		For Class 54 Rating, Add	*2,043.52*	
		For Class 55 Rating, Add	*3,045.22*	
		For Class 56 Rating, Add	*4,033.39*	
40 05 19 00-1384	EA	20" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,010.23	772.15
		For Class 52 Rating, Deduct	*-1,522.43*	
		For Class 54 Rating, Add	*2,090.08*	
		For Class 55 Rating, Add	*3,114.46*	
		For Class 56 Rating, Add	*4,125.00*	

40 05 19 00-1385 24" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-1028)*

40 05 19 00-1386	EA	24" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,159.68	793.91
		For Class 52 Rating, Deduct	*-325.25*	
		For Class 54 Rating, Add	*457.95*	
		For Class 55 Rating, Add	*688.23*	
		For Class 56 Rating, Add	*915.56*	
40 05 19 00-1387	EA	24" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,548.01	796.63
		For Class 52 Rating, Deduct	*-367.51*	
		For Class 54 Rating, Add	*515.63*	
		For Class 55 Rating, Add	*774.01*	
		For Class 56 Rating, Add	*1,029.04*	
40 05 19 00-1388	EA	24" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,936.32	799.35
		For Class 52 Rating, Deduct	*-409.77*	
		For Class 54 Rating, Add	*573.31*	
		For Class 55 Rating, Add	*859.78*	
		For Class 56 Rating, Add	*1,142.53*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1389	EA	24" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,324.65	802.06
		For Class 52 Rating, Deduct	*-452.03*	
		For Class 54 Rating, Add	*630.99*	
		For Class 55 Rating, Add	*945.56*	
		For Class 56 Rating, Add	*1,256.02*	
40 05 19 00-1390	EA	24" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,712.98	804.79
		For Class 52 Rating, Deduct	*-494.30*	
		For Class 54 Rating, Add	*688.67*	
		For Class 55 Rating, Add	*1,031.34*	
		For Class 56 Rating, Add	*1,369.51*	
40 05 19 00-1391	EA	24" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,101.29	807.50
		For Class 52 Rating, Deduct	*-536.56*	
		For Class 54 Rating, Add	*746.35*	
		For Class 55 Rating, Add	*1,117.11*	
		For Class 56 Rating, Add	*1,483.00*	
40 05 19 00-1392	EA	24" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,489.62	810.23
		For Class 52 Rating, Deduct	*-578.82*	
		For Class 54 Rating, Add	*804.03*	
		For Class 55 Rating, Add	*1,202.89*	
		For Class 56 Rating, Add	*1,596.49*	
40 05 19 00-1393	EA	24" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,877.94	812.94
		For Class 52 Rating, Deduct	*-621.08*	
		For Class 54 Rating, Add	*861.71*	
		For Class 55 Rating, Add	*1,288.67*	
		For Class 56 Rating, Add	*1,709.97*	
40 05 19 00-1394	EA	24" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,266.26	815.66
		For Class 52 Rating, Deduct	*-663.35*	
		For Class 54 Rating, Add	*919.39*	
		For Class 55 Rating, Add	*1,374.44*	
		For Class 56 Rating, Add	*1,823.46*	
40 05 19 00-1395	EA	24" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,654.59	818.38
		For Class 52 Rating, Deduct	*-705.61*	
		For Class 54 Rating, Add	*977.07*	
		For Class 55 Rating, Add	*1,460.22*	
		For Class 56 Rating, Add	*1,936.95*	
40 05 19 00-1396	EA	24" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,042.91	821.10
		For Class 52 Rating, Deduct	*-747.87*	
		For Class 54 Rating, Add	*1,034.75*	
		For Class 55 Rating, Add	*1,546.00*	
		For Class 56 Rating, Add	*2,050.44*	
40 05 19 00-1397	EA	24" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,431.23	823.82
		For Class 52 Rating, Deduct	*-790.13*	
		For Class 54 Rating, Add	*1,092.43*	
		For Class 55 Rating, Add	*1,631.77*	
		For Class 56 Rating, Add	*2,163.93*	
40 05 19 00-1398	EA	24" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,819.55	826.54
		For Class 52 Rating, Deduct	*-832.39*	
		For Class 54 Rating, Add	*1,150.11*	
		For Class 55 Rating, Add	*1,717.55*	
		For Class 56 Rating, Add	*2,277.41*	
40 05 19 00-1399	EA	24" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,207.88	829.26
		For Class 52 Rating, Deduct	*-874.66*	
		For Class 54 Rating, Add	*1,207.79*	
		For Class 55 Rating, Add	*1,803.32*	
		For Class 56 Rating, Add	*2,390.90*	
40 05 19 00-1400	EA	24" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,596.20	831.98
		For Class 52 Rating, Deduct	*-916.92*	
		For Class 54 Rating, Add	*1,265.47*	
		For Class 55 Rating, Add	*1,889.10*	
		For Class 56 Rating, Add	*2,504.39*	
40 05 19 00-1401	EA	24" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,984.52	834.69
		For Class 52 Rating, Deduct	*-959.18*	
		For Class 54 Rating, Add	*1,323.15*	
		For Class 55 Rating, Add	*1,974.87*	
		For Class 56 Rating, Add	*2,617.88*	
40 05 19 00-1402	EA	24" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,372.84	837.41
		For Class 52 Rating, Deduct	*-1,001.44*	
		For Class 54 Rating, Add	*1,380.83*	
		For Class 55 Rating, Add	*2,060.65*	
		For Class 56 Rating, Add	*2,731.37*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1403	EA	24" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,761.16	840.13
		For Class 52 Rating, Deduct	*-1,043.71*	
		For Class 54 Rating, Add	*1,438.51*	
		For Class 55 Rating, Add	*2,146.43*	
		For Class 56 Rating, Add	*2,844.86*	
40 05 19 00-1404	EA	24" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,149.49	842.85
		For Class 52 Rating, Deduct	*-1,085.97*	
		For Class 54 Rating, Add	*1,496.19*	
		For Class 55 Rating, Add	*2,232.20*	
		For Class 56 Rating, Add	*2,958.34*	
40 05 19 00-1405	EA	24" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,537.81	845.57
		For Class 52 Rating, Deduct	*-1,128.23*	
		For Class 54 Rating, Add	*1,553.87*	
		For Class 55 Rating, Add	*2,317.98*	
		For Class 56 Rating, Add	*3,071.83*	
40 05 19 00-1406	EA	24" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,926.12	848.29
		For Class 52 Rating, Deduct	*-1,170.49*	
		For Class 54 Rating, Add	*1,611.55*	
		For Class 55 Rating, Add	*2,403.75*	
		For Class 56 Rating, Add	*3,185.32*	
40 05 19 00-1407	EA	24" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,314.46	851.01
		For Class 52 Rating, Deduct	*-1,212.76*	
		For Class 54 Rating, Add	*1,669.23*	
		For Class 55 Rating, Add	*2,489.53*	
		For Class 56 Rating, Add	*3,298.81*	
40 05 19 00-1408	EA	24" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,702.77	853.72
		For Class 52 Rating, Deduct	*-1,255.02*	
		For Class 54 Rating, Add	*1,726.91*	
		For Class 55 Rating, Add	*2,575.31*	
		For Class 56 Rating, Add	*3,412.30*	
40 05 19 00-1409	EA	24" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,091.09	856.45
		For Class 52 Rating, Deduct	*-1,297.28*	
		For Class 54 Rating, Add	*1,784.59*	
		For Class 55 Rating, Add	*2,661.08*	
		For Class 56 Rating, Add	*3,525.78*	
40 05 19 00-1410	EA	24" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,479.43	859.17
		For Class 52 Rating, Deduct	*-1,339.54*	
		For Class 54 Rating, Add	*1,842.27*	
		For Class 55 Rating, Add	*2,746.86*	
		For Class 56 Rating, Add	*3,639.27*	
40 05 19 00-1411	EA	24" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,867.74	861.89
		For Class 52 Rating, Deduct	*-1,381.80*	
		For Class 54 Rating, Add	*1,899.95*	
		For Class 55 Rating, Add	*2,832.64*	
		For Class 56 Rating, Add	*3,752.76*	
40 05 19 00-1412	EA	24" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,256.07	864.60
		For Class 52 Rating, Deduct	*-1,424.07*	
		For Class 54 Rating, Add	*1,957.63*	
		For Class 55 Rating, Add	*2,918.41*	
		For Class 56 Rating, Add	*3,866.25*	
40 05 19 00-1413	EA	24" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,644.38	867.33
		For Class 52 Rating, Deduct	*-1,466.33*	
		For Class 54 Rating, Add	*2,015.31*	
		For Class 55 Rating, Add	*3,004.19*	
		For Class 56 Rating, Add	*3,979.74*	
40 05 19 00-1414	EA	24" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,032.71	870.04
		For Class 52 Rating, Deduct	*-1,508.59*	
		For Class 54 Rating, Add	*2,072.99*	
		For Class 55 Rating, Add	*3,089.96*	
		For Class 56 Rating, Add	*4,093.23*	
40 05 19 00-1415	EA	24" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,491.07	918.97
		For Class 52 Rating, Deduct	*-1,550.85*	
		For Class 54 Rating, Add	*2,131.51*	
		For Class 55 Rating, Add	*3,177.42*	
		For Class 56 Rating, Add	*4,209.23*	
40 05 19 00-1416	EA	24" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,879.38	921.70
		For Class 52 Rating, Deduct	*-1,593.12*	
		For Class 54 Rating, Add	*2,189.19*	
		For Class 55 Rating, Add	*3,263.20*	
		For Class 56 Rating, Add	*4,322.72*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1417	EA	24" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,267.71	924.42
		For Class 52 Rating, Deduct	*-1,635.38*	
		For Class 54 Rating, Add	*2,246.87*	
		For Class 55 Rating, Add	*3,348.97*	
		For Class 56 Rating, Add	*4,436.21*	
40 05 19 00-1418	EA	24" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,656.04	927.15
		For Class 52 Rating, Deduct	*-1,677.64*	
		For Class 54 Rating, Add	*2,304.55*	
		For Class 55 Rating, Add	*3,434.75*	
		For Class 56 Rating, Add	*4,549.70*	
40 05 19 00-1419	EA	24" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,044.35	929.85
		For Class 52 Rating, Deduct	*-1,719.90*	
		For Class 54 Rating, Add	*2,362.23*	
		For Class 55 Rating, Add	*3,520.52*	
		For Class 56 Rating, Add	*4,663.19*	
40 05 19 00-1420	EA	24" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,432.67	932.57
		For Class 52 Rating, Deduct	*-1,762.16*	
		For Class 54 Rating, Add	*2,419.91*	
		For Class 55 Rating, Add	*3,606.30*	
		For Class 56 Rating, Add	*4,776.67*	
40 05 19 00-1421	EA	24" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,821.00	935.30
		For Class 52 Rating, Deduct	*-1,804.43*	
		For Class 54 Rating, Add	*2,477.59*	
		For Class 55 Rating, Add	*3,692.08*	
		For Class 56 Rating, Add	*4,890.16*	
40 05 19 00-1422	EA	24" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,209.32	938.00
		For Class 52 Rating, Deduct	*-1,846.69*	
		For Class 54 Rating, Add	*2,535.27*	
		For Class 55 Rating, Add	*3,777.85*	
		For Class 56 Rating, Add	*5,003.65*	
40 05 19 00-1423	EA	24" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,597.64	940.73
		For Class 52 Rating, Deduct	*-1,888.95*	
		For Class 54 Rating, Add	*2,592.95*	
		For Class 55 Rating, Add	*3,863.63*	
		For Class 56 Rating, Add	*5,117.14*	

40 05 19 00-1424 30" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-1028)*

40 05 19 00-1425	EA	30" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,370.57	1,120.18
		For Class 52 Rating, Deduct	*-514.07*	
		For Class 54 Rating, Add	*721.37*	
		For Class 55 Rating, Add	*1,082.89*	
		For Class 56 Rating, Add	*1,439.74*	
40 05 19 00-1426	EA	30" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,929.66	1,122.89
		For Class 52 Rating, Deduct	*-575.11*	
		For Class 54 Rating, Add	*804.66*	
		For Class 55 Rating, Add	*1,206.74*	
		For Class 56 Rating, Add	*1,603.60*	
40 05 19 00-1427	EA	30" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,488.73	1,125.62
		For Class 52 Rating, Deduct	*-636.16*	
		For Class 54 Rating, Add	*887.95*	
		For Class 55 Rating, Add	*1,330.60*	
		For Class 56 Rating, Add	*1,767.46*	
40 05 19 00-1428	EA	30" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,047.82	1,128.33
		For Class 52 Rating, Deduct	*-697.20*	
		For Class 54 Rating, Add	*971.25*	
		For Class 55 Rating, Add	*1,454.45*	
		For Class 56 Rating, Add	*1,931.32*	
40 05 19 00-1429	EA	30" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,606.90	1,131.06
		For Class 52 Rating, Deduct	*-758.25*	
		For Class 54 Rating, Add	*1,054.54*	
		For Class 55 Rating, Add	*1,578.31*	
		For Class 56 Rating, Add	*2,095.18*	
40 05 19 00-1430	EA	30" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,165.97	1,133.77
		For Class 52 Rating, Deduct	*-819.30*	
		For Class 54 Rating, Add	*1,137.83*	
		For Class 55 Rating, Add	*1,702.16*	
		For Class 56 Rating, Add	*2,259.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1431	EA	30" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,725.06	1,136.49
		For Class 52 Rating, Deduct	*-880.34*	
		For Class 54 Rating, Add	*1,221.13*	
		For Class 55 Rating, Add	*1,826.02*	
		For Class 56 Rating, Add	*2,422.91*	
40 05 19 00-1432	EA	30" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,284.13	1,139.21
		For Class 52 Rating, Deduct	*-941.39*	
		For Class 54 Rating, Add	*1,304.42*	
		For Class 55 Rating, Add	*1,949.87*	
		For Class 56 Rating, Add	*2,586.77*	
40 05 19 00-1433	EA	30" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,843.21	1,141.92
		For Class 52 Rating, Deduct	*-1,002.43*	
		For Class 54 Rating, Add	*1,387.72*	
		For Class 55 Rating, Add	*2,073.73*	
		For Class 56 Rating, Add	*2,750.63*	
40 05 19 00-1434	EA	30" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,402.30	1,144.65
		For Class 52 Rating, Deduct	*-1,063.48*	
		For Class 54 Rating, Add	*1,471.01*	
		For Class 55 Rating, Add	*2,197.58*	
		For Class 56 Rating, Add	*2,914.49*	
40 05 19 00-1435	EA	30" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,961.37	1,147.36
		For Class 52 Rating, Deduct	*-1,124.52*	
		For Class 54 Rating, Add	*1,554.30*	
		For Class 55 Rating, Add	*2,321.44*	
		For Class 56 Rating, Add	*3,078.35*	
40 05 19 00-1436	EA	30" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,520.45	1,150.09
		For Class 52 Rating, Deduct	*-1,185.57*	
		For Class 54 Rating, Add	*1,637.60*	
		For Class 55 Rating, Add	*2,445.29*	
		For Class 56 Rating, Add	*3,242.21*	
40 05 19 00-1437	EA	30" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,079.53	1,152.80
		For Class 52 Rating, Deduct	*-1,246.61*	
		For Class 54 Rating, Add	*1,720.89*	
		For Class 55 Rating, Add	*2,569.15*	
		For Class 56 Rating, Add	*3,406.07*	
40 05 19 00-1438	EA	30" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,638.61	1,155.52
		For Class 52 Rating, Deduct	*-1,307.66*	
		For Class 54 Rating, Add	*1,804.18*	
		For Class 55 Rating, Add	*2,693.00*	
		For Class 56 Rating, Add	*3,569.94*	
40 05 19 00-1439	EA	30" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,197.69	1,158.24
		For Class 52 Rating, Deduct	*-1,368.71*	
		For Class 54 Rating, Add	*1,887.48*	
		For Class 55 Rating, Add	*2,816.86*	
		For Class 56 Rating, Add	*3,733.80*	
40 05 19 00-1440	EA	30" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,756.77	1,160.96
		For Class 52 Rating, Deduct	*-1,429.75*	
		For Class 54 Rating, Add	*1,970.77*	
		For Class 55 Rating, Add	*2,940.71*	
		For Class 56 Rating, Add	*3,897.66*	
40 05 19 00-1441	EA	30" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,315.85	1,163.67
		For Class 52 Rating, Deduct	*-1,490.80*	
		For Class 54 Rating, Add	*2,054.06*	
		For Class 55 Rating, Add	*3,064.57*	
		For Class 56 Rating, Add	*4,061.52*	
40 05 19 00-1442	EA	30" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,874.92	1,166.40
		For Class 52 Rating, Deduct	*-1,551.84*	
		For Class 54 Rating, Add	*2,137.36*	
		For Class 55 Rating, Add	*3,188.42*	
		For Class 56 Rating, Add	*4,225.38*	
40 05 19 00-1443	EA	30" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,434.01	1,169.12
		For Class 52 Rating, Deduct	*-1,612.89*	
		For Class 54 Rating, Add	*2,220.65*	
		For Class 55 Rating, Add	*3,312.28*	
		For Class 56 Rating, Add	*4,389.24*	
40 05 19 00-1444	EA	30" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,993.09	1,171.84
		For Class 52 Rating, Deduct	*-1,673.93*	
		For Class 54 Rating, Add	*2,303.94*	
		For Class 55 Rating, Add	*3,436.13*	
		For Class 56 Rating, Add	*4,553.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1445	EA	30" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,552.17	1,174.55
		For Class 52 Rating, Deduct	*-1,734.98*	
		For Class 54 Rating, Add	*2,387.24*	
		For Class 55 Rating, Add	*3,559.99*	
		For Class 56 Rating, Add	*4,716.97*	
40 05 19 00-1446	EA	30" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,111.25	1,177.27
		For Class 52 Rating, Deduct	*-1,796.03*	
		For Class 54 Rating, Add	*2,470.53*	
		For Class 55 Rating, Add	*3,683.84*	
		For Class 56 Rating, Add	*4,880.83*	
40 05 19 00-1447	EA	30" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,670.32	1,179.99
		For Class 52 Rating, Deduct	*-1,857.07*	
		For Class 54 Rating, Add	*2,553.82*	
		For Class 55 Rating, Add	*3,807.70*	
		For Class 56 Rating, Add	*5,044.69*	
40 05 19 00-1448	EA	30" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	19,229.40	1,182.70
		For Class 52 Rating, Deduct	*-1,918.12*	
		For Class 54 Rating, Add	*2,637.12*	
		For Class 55 Rating, Add	*3,931.55*	
		For Class 56 Rating, Add	*5,208.55*	
40 05 19 00-1449	EA	30" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	19,788.48	1,185.43
		For Class 52 Rating, Deduct	*-1,979.16*	
		For Class 54 Rating, Add	*2,720.41*	
		For Class 55 Rating, Add	*4,055.41*	
		For Class 56 Rating, Add	*5,372.41*	
40 05 19 00-1450	EA	30" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	20,347.55	1,188.15
		For Class 52 Rating, Deduct	*-2,040.21*	
		For Class 54 Rating, Add	*2,803.70*	
		For Class 55 Rating, Add	*4,179.26*	
		For Class 56 Rating, Add	*5,536.27*	
40 05 19 00-1451	EA	30" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	20,906.64	1,190.87
		For Class 52 Rating, Deduct	*-2,101.25*	
		For Class 54 Rating, Add	*2,887.00*	
		For Class 55 Rating, Add	*4,303.12*	
		For Class 56 Rating, Add	*5,700.13*	
40 05 19 00-1452	EA	30" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	21,465.71	1,193.58
		For Class 52 Rating, Deduct	*-2,162.30*	
		For Class 54 Rating, Add	*2,970.29*	
		For Class 55 Rating, Add	*4,426.97*	
		For Class 56 Rating, Add	*5,863.99*	
40 05 19 00-1453	EA	30" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	22,024.79	1,196.31
		For Class 52 Rating, Deduct	*-2,223.34*	
		For Class 54 Rating, Add	*3,053.58*	
		For Class 55 Rating, Add	*4,550.82*	
		For Class 56 Rating, Add	*6,027.85*	
40 05 19 00-1454	EA	30" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	22,583.88	1,199.03
		For Class 52 Rating, Deduct	*-2,284.39*	
		For Class 54 Rating, Add	*3,136.88*	
		For Class 55 Rating, Add	*4,674.68*	
		For Class 56 Rating, Add	*6,191.72*	
40 05 19 00-1455	EA	30" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	23,142.95	1,201.74
		For Class 52 Rating, Deduct	*-2,345.43*	
		For Class 54 Rating, Add	*3,220.17*	
		For Class 55 Rating, Add	*4,798.53*	
		For Class 56 Rating, Add	*6,355.58*	
40 05 19 00-1456	EA	30" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	23,702.03	1,204.46
		For Class 52 Rating, Deduct	*-2,406.48*	
		For Class 54 Rating, Add	*3,303.46*	
		For Class 55 Rating, Add	*4,922.39*	
		For Class 56 Rating, Add	*6,519.44*	
40 05 19 00-1457	EA	30" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	24,261.11	1,207.19
		For Class 52 Rating, Deduct	*-2,467.53*	
		For Class 54 Rating, Add	*3,386.76*	
		For Class 55 Rating, Add	*5,046.24*	
		For Class 56 Rating, Add	*6,683.30*	
40 05 19 00-1458	EA	30" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	24,820.19	1,209.90
		For Class 52 Rating, Deduct	*-2,528.57*	
		For Class 54 Rating, Add	*3,470.05*	
		For Class 55 Rating, Add	*5,170.10*	
		For Class 56 Rating, Add	*6,847.16*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1459	EA	30" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	25,379.27	1,212.61
		For Class 52 Rating, Deduct	*-2,589.62*	
		For Class 54 Rating, Add	*3,553.34*	
		For Class 55 Rating, Add	*5,293.95*	
		For Class 56 Rating, Add	*7,011.02*	
40 05 19 00-1460	EA	30" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	25,938.35	1,215.34
		For Class 52 Rating, Deduct	*-2,650.66*	
		For Class 54 Rating, Add	*3,636.64*	
		For Class 55 Rating, Add	*5,417.81*	
		For Class 56 Rating, Add	*7,174.89*	
40 05 19 00-1461	EA	30" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	26,497.43	1,218.06
		For Class 52 Rating, Deduct	*-2,711.71*	
		For Class 54 Rating, Add	*3,719.93*	
		For Class 55 Rating, Add	*5,541.66*	
		For Class 56 Rating, Add	*7,338.75*	
40 05 19 00-1462	EA	30" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	27,056.50	1,220.77
		For Class 52 Rating, Deduct	*-2,772.75*	
		For Class 54 Rating, Add	*3,803.22*	
		For Class 55 Rating, Add	*5,665.52*	
		For Class 56 Rating, Add	*7,502.61*	

40 05 19 00-1463 36" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-1028)*

40 05 19 00-1464	EA	36" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,805.40	1,419.25
		For Class 52 Rating, Deduct	*-732.05*	
		For Class 54 Rating, Add	*1,024.06*	
		For Class 55 Rating, Add	*1,535.68*	
		For Class 56 Rating, Add	*2,040.64*	
40 05 19 00-1465	EA	36" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,564.45	1,421.98
		For Class 52 Rating, Deduct	*-815.09*	
		For Class 54 Rating, Add	*1,137.35*	
		For Class 55 Rating, Add	*1,704.13*	
		For Class 56 Rating, Add	*2,263.50*	
40 05 19 00-1466	EA	36" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,323.49	1,424.69
		For Class 52 Rating, Deduct	*-898.14*	
		For Class 54 Rating, Add	*1,250.63*	
		For Class 55 Rating, Add	*1,872.57*	
		For Class 56 Rating, Add	*2,486.35*	
40 05 19 00-1467	EA	36" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,082.54	1,427.41
		For Class 52 Rating, Deduct	*-981.18*	
		For Class 54 Rating, Add	*1,363.92*	
		For Class 55 Rating, Add	*2,041.02*	
		For Class 56 Rating, Add	*2,709.20*	
40 05 19 00-1468	EA	36" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,841.58	1,430.13
		For Class 52 Rating, Deduct	*-1,064.22*	
		For Class 54 Rating, Add	*1,477.21*	
		For Class 55 Rating, Add	*2,209.47*	
		For Class 56 Rating, Add	*2,932.05*	
40 05 19 00-1469	EA	36" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,600.63	1,432.84
		For Class 52 Rating, Deduct	*-1,147.26*	
		For Class 54 Rating, Add	*1,590.50*	
		For Class 55 Rating, Add	*2,377.92*	
		For Class 56 Rating, Add	*3,154.90*	
40 05 19 00-1470	EA	36" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,359.67	1,435.57
		For Class 52 Rating, Deduct	*-1,230.30*	
		For Class 54 Rating, Add	*1,703.79*	
		For Class 55 Rating, Add	*2,546.36*	
		For Class 56 Rating, Add	*3,377.75*	
40 05 19 00-1471	EA	36" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,118.72	1,438.28
		For Class 52 Rating, Deduct	*-1,313.35*	
		For Class 54 Rating, Add	*1,817.08*	
		For Class 55 Rating, Add	*2,714.81*	
		For Class 56 Rating, Add	*3,600.60*	
40 05 19 00-1472	EA	36" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,877.76	1,441.01
		For Class 52 Rating, Deduct	*-1,396.39*	
		For Class 54 Rating, Add	*1,930.36*	
		For Class 55 Rating, Add	*2,883.26*	
		For Class 56 Rating, Add	*3,823.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1473	EA	36" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,636.80	1,443.72
		For Class 52 Rating, Deduct	*-1,479.43*	
		For Class 54 Rating, Add	*2,043.65*	
		For Class 55 Rating, Add	*3,051.70*	
		For Class 56 Rating, Add	*4,046.30*	
40 05 19 00-1474	EA	36" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,395.85	1,446.44
		For Class 52 Rating, Deduct	*-1,562.47*	
		For Class 54 Rating, Add	*2,156.94*	
		For Class 55 Rating, Add	*3,220.15*	
		For Class 56 Rating, Add	*4,269.16*	
40 05 19 00-1475	EA	36" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,154.89	1,449.16
		For Class 52 Rating, Deduct	*-1,645.51*	
		For Class 54 Rating, Add	*2,270.23*	
		For Class 55 Rating, Add	*3,388.60*	
		For Class 56 Rating, Add	*4,492.01*	
40 05 19 00-1476	EA	36" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,913.93	1,451.87
		For Class 52 Rating, Deduct	*-1,728.55*	
		For Class 54 Rating, Add	*2,383.52*	
		For Class 55 Rating, Add	*3,557.04*	
		For Class 56 Rating, Add	*4,714.86*	
40 05 19 00-1477	EA	36" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,672.98	1,454.60
		For Class 52 Rating, Deduct	*-1,811.59*	
		For Class 54 Rating, Add	*2,496.80*	
		For Class 55 Rating, Add	*3,725.49*	
		For Class 56 Rating, Add	*4,937.71*	
40 05 19 00-1478	EA	36" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	19,432.03	1,457.31
		For Class 52 Rating, Deduct	*-1,894.64*	
		For Class 54 Rating, Add	*2,610.09*	
		For Class 55 Rating, Add	*3,893.94*	
		For Class 56 Rating, Add	*5,160.56*	
40 05 19 00-1479	EA	36" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	20,191.06	1,460.04
		For Class 52 Rating, Deduct	*-1,977.68*	
		For Class 54 Rating, Add	*2,723.38*	
		For Class 55 Rating, Add	*4,062.38*	
		For Class 56 Rating, Add	*5,383.41*	
40 05 19 00-1480	EA	36" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	20,950.12	1,462.75
		For Class 52 Rating, Deduct	*-2,060.72*	
		For Class 54 Rating, Add	*2,836.67*	
		For Class 55 Rating, Add	*4,230.83*	
		For Class 56 Rating, Add	*5,606.26*	
40 05 19 00-1481	EA	36" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	21,709.15	1,465.47
		For Class 52 Rating, Deduct	*-2,143.76*	
		For Class 54 Rating, Add	*2,949.96*	
		For Class 55 Rating, Add	*4,399.28*	
		For Class 56 Rating, Add	*5,829.11*	
40 05 19 00-1482	EA	36" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	22,468.20	1,468.19
		For Class 52 Rating, Deduct	*-2,226.80*	
		For Class 54 Rating, Add	*3,063.24*	
		For Class 55 Rating, Add	*4,567.73*	
		For Class 56 Rating, Add	*6,051.97*	
40 05 19 00-1483	EA	36" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	23,227.25	1,470.92
		For Class 52 Rating, Deduct	*-2,309.84*	
		For Class 54 Rating, Add	*3,176.53*	
		For Class 55 Rating, Add	*4,736.17*	
		For Class 56 Rating, Add	*6,274.82*	
40 05 19 00-1484	EA	36" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	23,986.29	1,473.63
		For Class 52 Rating, Deduct	*-2,392.89*	
		For Class 54 Rating, Add	*3,289.82*	
		For Class 55 Rating, Add	*4,904.62*	
		For Class 56 Rating, Add	*6,497.67*	
40 05 19 00-1485	EA	36" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	24,745.33	1,476.35
		For Class 52 Rating, Deduct	*-2,475.93*	
		For Class 54 Rating, Add	*3,403.11*	
		For Class 55 Rating, Add	*5,073.07*	
		For Class 56 Rating, Add	*6,720.52*	
40 05 19 00-1486	EA	36" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	25,504.38	1,479.07
		For Class 52 Rating, Deduct	*-2,558.97*	
		For Class 54 Rating, Add	*3,516.40*	
		For Class 55 Rating, Add	*5,241.52*	
		For Class 56 Rating, Add	*6,943.37*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1487	EA	36" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	26,263.42	1,481.78
		For Class 52 Rating, Deduct	*-2,642.01*	
		For Class 54 Rating, Add	*3,629.69*	
		For Class 55 Rating, Add	*5,409.96*	
		For Class 56 Rating, Add	*7,166.22*	
40 05 19 00-1488	EA	36" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	27,022.47	1,484.50
		For Class 52 Rating, Deduct	*-2,725.05*	
		For Class 54 Rating, Add	*3,742.97*	
		For Class 55 Rating, Add	*5,578.41*	
		For Class 56 Rating, Add	*7,389.07*	
40 05 19 00-1489	EA	36" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	27,781.51	1,487.22
		For Class 52 Rating, Deduct	*-2,808.10*	
		For Class 54 Rating, Add	*3,856.26*	
		For Class 55 Rating, Add	*5,746.86*	
		For Class 56 Rating, Add	*7,611.92*	
40 05 19 00-1490	EA	36" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	28,540.56	1,489.95
		For Class 52 Rating, Deduct	*-2,891.14*	
		For Class 54 Rating, Add	*3,969.55*	
		For Class 55 Rating, Add	*5,915.30*	
		For Class 56 Rating, Add	*7,834.78*	
40 05 19 00-1491	EA	36" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	29,299.60	1,492.66
		For Class 52 Rating, Deduct	*-2,974.18*	
		For Class 54 Rating, Add	*4,082.84*	
		For Class 55 Rating, Add	*6,083.75*	
		For Class 56 Rating, Add	*8,057.63*	
40 05 19 00-1492	EA	36" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	30,058.65	1,495.38
		For Class 52 Rating, Deduct	*-3,057.22*	
		For Class 54 Rating, Add	*4,196.13*	
		For Class 55 Rating, Add	*6,252.20*	
		For Class 56 Rating, Add	*8,280.48*	
40 05 19 00-1493	EA	36" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	30,817.69	1,498.10
		For Class 52 Rating, Deduct	*-3,140.26*	
		For Class 54 Rating, Add	*4,309.41*	
		For Class 55 Rating, Add	*6,420.64*	
		For Class 56 Rating, Add	*8,503.33*	
40 05 19 00-1494	EA	36" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	31,576.74	1,500.82
		For Class 52 Rating, Deduct	*-3,223.30*	
		For Class 54 Rating, Add	*4,422.70*	
		For Class 55 Rating, Add	*6,589.09*	
		For Class 56 Rating, Add	*8,726.18*	
40 05 19 00-1495	EA	36" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	32,335.78	1,503.53
		For Class 52 Rating, Deduct	*-3,306.35*	
		For Class 54 Rating, Add	*4,535.99*	
		For Class 55 Rating, Add	*6,757.54*	
		For Class 56 Rating, Add	*8,949.03*	
40 05 19 00-1496	EA	36" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	33,094.82	1,506.26
		For Class 52 Rating, Deduct	*-3,389.39*	
		For Class 54 Rating, Add	*4,649.28*	
		For Class 55 Rating, Add	*6,925.99*	
		For Class 56 Rating, Add	*9,171.88*	
40 05 19 00-1497	EA	36" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	33,853.87	1,508.98
		For Class 52 Rating, Deduct	*-3,472.43*	
		For Class 54 Rating, Add	*4,762.57*	
		For Class 55 Rating, Add	*7,094.43*	
		For Class 56 Rating, Add	*9,394.73*	
40 05 19 00-1498	EA	36" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	34,612.91	1,511.70
		For Class 52 Rating, Deduct	*-3,555.47*	
		For Class 54 Rating, Add	*4,875.85*	
		For Class 55 Rating, Add	*7,262.88*	
		For Class 56 Rating, Add	*9,617.58*	
40 05 19 00-1499	EA	36" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	35,371.95	1,514.41
		For Class 52 Rating, Deduct	*-3,638.51*	
		For Class 54 Rating, Add	*4,989.14*	
		For Class 55 Rating, Add	*7,431.33*	
		For Class 56 Rating, Add	*9,840.43*	
40 05 19 00-1500	EA	36" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	36,131.00	1,517.13
		For Class 52 Rating, Deduct	*-3,721.55*	
		For Class 54 Rating, Add	*5,102.43*	
		For Class 55 Rating, Add	*7,599.77*	
		For Class 56 Rating, Add	*10,063.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1501	EA	36" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	36,890.04	1,519.85
		For Class 52 Rating, Deduct	*-3,804.60*	
		For Class 54 Rating, Add	*5,215.72*	
		For Class 55 Rating, Add	*7,768.22*	
		For Class 56 Rating, Add	*10,286.14*	

40 05 19 00-1502 42" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-1028)*

40 05 19 00-1503	EA	42" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,632.68	1,789.02
		For Class 52 Rating, Deduct	*-981.42*	
		For Class 54 Rating, Add	*1,370.83*	
		For Class 55 Rating, Add	*2,054.67*	
		For Class 56 Rating, Add	*2,729.58*	
40 05 19 00-1504	EA	42" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,764.69	1,791.73
		For Class 52 Rating, Deduct	*-1,105.49*	
		For Class 54 Rating, Add	*1,540.07*	
		For Class 55 Rating, Add	*2,306.29*	
		For Class 56 Rating, Add	*3,062.46*	
40 05 19 00-1505	EA	42" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,883.22	1,794.46
		For Class 52 Rating, Deduct	*-1,228.08*	
		For Class 54 Rating, Add	*1,707.28*	
		For Class 55 Rating, Add	*2,554.90*	
		For Class 56 Rating, Add	*3,391.36*	
40 05 19 00-1506	EA	42" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,013.00	1,797.17
		For Class 52 Rating, Deduct	*-1,351.90*	
		For Class 54 Rating, Add	*1,876.18*	
		For Class 55 Rating, Add	*2,806.02*	
		For Class 56 Rating, Add	*3,723.58*	
40 05 19 00-1507	EA	42" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,131.52	1,799.90
		For Class 52 Rating, Deduct	*-1,474.49*	
		For Class 54 Rating, Add	*2,043.39*	
		For Class 55 Rating, Add	*3,054.63*	
		For Class 56 Rating, Add	*4,052.48*	
40 05 19 00-1508	EA	42" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,263.53	1,802.61
		For Class 52 Rating, Deduct	*-1,598.55*	
		For Class 54 Rating, Add	*2,212.62*	
		For Class 55 Rating, Add	*3,306.25*	
		For Class 56 Rating, Add	*4,385.35*	
40 05 19 00-1509	EA	42" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,379.82	1,805.33
		For Class 52 Rating, Deduct	*-1,720.89*	
		For Class 54 Rating, Add	*2,379.49*	
		For Class 55 Rating, Add	*3,554.37*	
		For Class 56 Rating, Add	*4,713.59*	
40 05 19 00-1510	EA	42" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	19,511.83	1,808.05
		For Class 52 Rating, Deduct	*-1,844.96*	
		For Class 54 Rating, Add	*2,548.73*	
		For Class 55 Rating, Add	*3,805.98*	
		For Class 56 Rating, Add	*5,046.47*	
40 05 19 00-1511	EA	42" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	20,630.37	1,810.78
		For Class 52 Rating, Deduct	*-1,967.54*	
		For Class 54 Rating, Add	*2,715.94*	
		For Class 55 Rating, Add	*4,054.60*	
		For Class 56 Rating, Add	*5,375.37*	
40 05 19 00-1512	EA	42" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	21,760.13	1,813.49
		For Class 52 Rating, Deduct	*-2,091.37*	
		For Class 54 Rating, Add	*2,884.84*	
		For Class 55 Rating, Add	*4,305.71*	
		For Class 56 Rating, Add	*5,707.58*	
40 05 19 00-1513	EA	42" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	22,878.66	1,816.21
		For Class 52 Rating, Deduct	*-2,213.95*	
		For Class 54 Rating, Add	*3,052.05*	
		For Class 55 Rating, Add	*4,554.33*	
		For Class 56 Rating, Add	*6,036.48*	
40 05 19 00-1514	EA	42" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	24,008.43	1,818.93
		For Class 52 Rating, Deduct	*-2,337.77*	
		For Class 54 Rating, Add	*3,220.94*	
		For Class 55 Rating, Add	*4,805.45*	
		For Class 56 Rating, Add	*6,368.70*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1515	EA	42" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	25,126.96	1,821.64
		For Class 52 Rating, Deduct	*-2,460.36*	
		For Class 54 Rating, Add	*3,388.15*	
		For Class 55 Rating, Add	*5,054.06*	
		For Class 56 Rating, Add	*6,697.60*	
40 05 19 00-1516	EA	42" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	26,247.74	1,824.36
		For Class 52 Rating, Deduct	*-2,583.19*	
		For Class 54 Rating, Add	*3,555.70*	
		For Class 55 Rating, Add	*5,303.17*	
		For Class 56 Rating, Add	*7,027.16*	
40 05 19 00-1517	EA	42" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	27,375.26	1,827.08
		For Class 52 Rating, Deduct	*-2,706.76*	
		For Class 54 Rating, Add	*3,724.26*	
		For Class 55 Rating, Add	*5,553.79*	
		For Class 56 Rating, Add	*7,358.71*	
40 05 19 00-1518	EA	42" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	28,493.80	1,829.81
		For Class 52 Rating, Deduct	*-2,829.35*	
		For Class 54 Rating, Add	*3,891.47*	
		For Class 55 Rating, Add	*5,802.40*	
		For Class 56 Rating, Add	*7,687.61*	
40 05 19 00-1519	EA	42" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	29,625.80	1,832.51
		For Class 52 Rating, Deduct	*-2,953.42*	
		For Class 54 Rating, Add	*4,060.71*	
		For Class 55 Rating, Add	*6,054.02*	
		For Class 56 Rating, Add	*8,020.49*	
40 05 19 00-1520	EA	42" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	30,744.34	1,835.24
		For Class 52 Rating, Deduct	*-3,076.00*	
		For Class 54 Rating, Add	*4,227.92*	
		For Class 55 Rating, Add	*6,302.63*	
		For Class 56 Rating, Add	*8,349.39*	
40 05 19 00-1521	EA	42" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	31,874.11	1,837.96
		For Class 52 Rating, Deduct	*-3,199.83*	
		For Class 54 Rating, Add	*4,396.82*	
		For Class 55 Rating, Add	*6,553.75*	
		For Class 56 Rating, Add	*8,681.60*	
40 05 19 00-1522	EA	42" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	32,992.63	1,840.68
		For Class 52 Rating, Deduct	*-3,322.41*	
		For Class 54 Rating, Add	*4,564.03*	
		For Class 55 Rating, Add	*6,802.37*	
		For Class 56 Rating, Add	*9,010.50*	
40 05 19 00-1523	EA	42" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	34,124.66	1,843.39
		For Class 52 Rating, Deduct	*-3,446.48*	
		For Class 54 Rating, Add	*4,733.26*	
		For Class 55 Rating, Add	*7,053.99*	
		For Class 56 Rating, Add	*9,343.38*	
40 05 19 00-1524	EA	42" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	35,243.18	1,846.12
		For Class 52 Rating, Deduct	*-3,569.06*	
		For Class 54 Rating, Add	*4,900.47*	
		For Class 55 Rating, Add	*7,302.60*	
		For Class 56 Rating, Add	*9,672.28*	
40 05 19 00-1525	EA	42" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	36,372.95	1,848.84
		For Class 52 Rating, Deduct	*-3,692.89*	
		For Class 54 Rating, Add	*5,069.37*	
		For Class 55 Rating, Add	*7,553.72*	
		For Class 56 Rating, Add	*10,004.49*	
40 05 19 00-1526	EA	42" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	37,491.49	1,851.55
		For Class 52 Rating, Deduct	*-3,815.47*	
		For Class 54 Rating, Add	*5,236.58*	
		For Class 55 Rating, Add	*7,802.33*	
		For Class 56 Rating, Add	*10,333.39*	
40 05 19 00-1527	EA	42" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	38,623.49	1,854.27
		For Class 52 Rating, Deduct	*-3,939.54*	
		For Class 54 Rating, Add	*5,405.81*	
		For Class 55 Rating, Add	*8,053.95*	
		For Class 56 Rating, Add	*10,666.27*	
40 05 19 00-1528	EA	42" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	39,742.03	1,856.99
		For Class 52 Rating, Deduct	*-4,062.12*	
		For Class 54 Rating, Add	*5,573.02*	
		For Class 55 Rating, Add	*8,302.56*	
		For Class 56 Rating, Add	*10,995.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1529	EA	42" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	40,869.54	1,859.71
		For Class 52 Rating, Deduct	*-4,185.70*	
		For Class 54 Rating, Add	*5,741.58*	
		For Class 55 Rating, Add	*8,553.18*	
		For Class 56 Rating, Add	*11,326.72*	
40 05 19 00-1530	EA	42" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	41,990.32	1,862.42
		For Class 52 Rating, Deduct	*-4,308.53*	
		For Class 54 Rating, Add	*5,909.13*	
		For Class 55 Rating, Add	*8,802.29*	
		For Class 56 Rating, Add	*11,656.28*	
40 05 19 00-1531	EA	42" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	42,884.19	1,865.15
		For Class 52 Rating, Deduct	*-4,406.40*	
		For Class 54 Rating, Add	*6,042.64*	
		For Class 55 Rating, Add	*9,000.80*	
		For Class 56 Rating, Add	*11,918.90*	
40 05 19 00-1532	EA	42" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	44,238.62	1,867.87
		For Class 52 Rating, Deduct	*-4,554.94*	
		For Class 54 Rating, Add	*6,245.24*	
		For Class 55 Rating, Add	*9,302.02*	
		For Class 56 Rating, Add	*12,317.40*	
40 05 19 00-1533	EA	42" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	45,357.16	1,870.58
		For Class 52 Rating, Deduct	*-4,677.52*	
		For Class 54 Rating, Add	*6,412.45*	
		For Class 55 Rating, Add	*9,550.64*	
		For Class 56 Rating, Add	*12,646.30*	
40 05 19 00-1534	EA	42" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	46,486.92	1,873.30
		For Class 52 Rating, Deduct	*-4,801.34*	
		For Class 54 Rating, Add	*6,581.35*	
		For Class 55 Rating, Add	*9,801.75*	
		For Class 56 Rating, Add	*12,978.51*	
40 05 19 00-1535	EA	42" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	47,605.46	1,876.03
		For Class 52 Rating, Deduct	*-4,923.93*	
		For Class 54 Rating, Add	*6,748.56*	
		For Class 55 Rating, Add	*10,050.37*	
		For Class 56 Rating, Add	*13,307.41*	
40 05 19 00-1536	EA	42" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	48,737.47	1,878.75
		For Class 52 Rating, Deduct	*-5,048.00*	
		For Class 54 Rating, Add	*6,917.79*	
		For Class 55 Rating, Add	*10,301.99*	
		For Class 56 Rating, Add	*13,640.29*	
40 05 19 00-1537	EA	42" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	49,853.76	1,881.46
		For Class 52 Rating, Deduct	*-5,170.34*	
		For Class 54 Rating, Add	*7,084.67*	
		For Class 55 Rating, Add	*10,550.10*	
		For Class 56 Rating, Add	*13,968.53*	
40 05 19 00-1538	EA	42" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	50,985.77	1,884.18
		For Class 52 Rating, Deduct	*-5,294.40*	
		For Class 54 Rating, Add	*7,253.90*	
		For Class 55 Rating, Add	*10,801.72*	
		For Class 56 Rating, Add	*14,301.40*	
40 05 19 00-1539	EA	42" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	52,104.29	1,886.91
		For Class 52 Rating, Deduct	*-5,416.99*	
		For Class 54 Rating, Add	*7,421.11*	
		For Class 55 Rating, Add	*11,050.33*	
		For Class 56 Rating, Add	*14,630.30*	
40 05 19 00-1540	EA	42" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	53,234.07	1,889.61
		For Class 52 Rating, Deduct	*-5,540.81*	
		For Class 54 Rating, Add	*7,590.01*	
		For Class 55 Rating, Add	*11,301.45*	
		For Class 56 Rating, Add	*14,962.52*	

40 05 19 00-1541 48" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-1028)*

40 05 19 00-1542	EA	48" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,009.31	2,248.50
		For Class 52 Rating, Deduct	*-1,276.27*	
		For Class 54 Rating, Add	*1,781.25*	
		For Class 55 Rating, Add	*2,669.12*	
		For Class 56 Rating, Add	*3,545.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1543	EA	48" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,655.84	2,251.23
		For Class 52 Rating, Deduct	*-1,456.94*	
		For Class 54 Rating, Add	*2,027.66*	
		For Class 55 Rating, Add	*3,035.47*	
		For Class 56 Rating, Add	*4,030.04*	
40 05 19 00-1544	EA	48" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,300.12	2,253.95
		For Class 52 Rating, Deduct	*-1,637.36*	
		For Class 54 Rating, Add	*2,273.74*	
		For Class 55 Rating, Add	*3,401.33*	
		For Class 56 Rating, Add	*4,514.03*	
40 05 19 00-1545	EA	48" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	19,957.88	2,256.68
		For Class 52 Rating, Deduct	*-1,819.26*	
		For Class 54 Rating, Add	*2,521.83*	
		For Class 55 Rating, Add	*3,770.19*	
		For Class 56 Rating, Add	*5,002.00*	
40 05 19 00-1546	EA	48" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	21,604.42	2,259.38
		For Class 52 Rating, Deduct	*-1,999.92*	
		For Class 54 Rating, Add	*2,768.25*	
		For Class 55 Rating, Add	*4,136.55*	
		For Class 56 Rating, Add	*5,486.67*	
40 05 19 00-1547	EA	48" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	23,250.95	2,262.10
		For Class 52 Rating, Deduct	*-2,180.59*	
		For Class 54 Rating, Add	*3,014.66*	
		For Class 55 Rating, Add	*4,502.90*	
		For Class 56 Rating, Add	*5,971.33*	
40 05 19 00-1548	EA	48" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	24,906.46	2,264.83
		For Class 52 Rating, Deduct	*-2,362.24*	
		For Class 54 Rating, Add	*3,262.42*	
		For Class 55 Rating, Add	*4,871.26*	
		For Class 56 Rating, Add	*6,458.63*	
40 05 19 00-1549	EA	48" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	26,555.23	2,267.53
		For Class 52 Rating, Deduct	*-2,543.15*	
		For Class 54 Rating, Add	*3,509.16*	
		For Class 55 Rating, Add	*5,238.12*	
		For Class 56 Rating, Add	*6,943.96*	
40 05 19 00-1550	EA	48" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	28,199.53	2,270.26
		For Class 52 Rating, Deduct	*-2,723.57*	
		For Class 54 Rating, Add	*3,755.24*	
		For Class 55 Rating, Add	*5,603.98*	
		For Class 56 Rating, Add	*7,427.96*	
40 05 19 00-1551	EA	48" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	29,857.29	2,272.98
		For Class 52 Rating, Deduct	*-2,905.47*	
		For Class 54 Rating, Add	*4,003.33*	
		For Class 55 Rating, Add	*5,972.84*	
		For Class 56 Rating, Add	*7,915.93*	
40 05 19 00-1552	EA	48" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	31,503.82	2,275.71
		For Class 52 Rating, Deduct	*-3,086.14*	
		For Class 54 Rating, Add	*4,249.74*	
		For Class 55 Rating, Add	*6,339.19*	
		For Class 56 Rating, Add	*8,400.59*	
40 05 19 00-1553	EA	48" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	33,161.59	2,278.41
		For Class 52 Rating, Deduct	*-3,268.04*	
		For Class 54 Rating, Add	*4,497.84*	
		For Class 55 Rating, Add	*6,708.06*	
		For Class 56 Rating, Add	*8,888.56*	
40 05 19 00-1554	EA	48" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	34,805.86	2,281.14
		For Class 52 Rating, Deduct	*-3,448.46*	
		For Class 54 Rating, Add	*4,743.92*	
		For Class 55 Rating, Add	*7,073.91*	
		For Class 56 Rating, Add	*9,372.56*	
40 05 19 00-1555	EA	48" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	36,452.40	2,283.86
		For Class 52 Rating, Deduct	*-3,629.12*	
		For Class 54 Rating, Add	*4,990.33*	
		For Class 55 Rating, Add	*7,440.27*	
		For Class 56 Rating, Add	*9,857.22*	
40 05 19 00-1556	EA	48" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	38,110.17	2,286.58
		For Class 52 Rating, Deduct	*-3,811.02*	
		For Class 54 Rating, Add	*5,238.42*	
		For Class 55 Rating, Add	*7,809.13*	
		For Class 56 Rating, Add	*10,345.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1557	EA	48" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	39,756.69	2,289.29
		For Class 52 Rating, Deduct	*-3,991.69*	
		For Class 54 Rating, Add	*5,484.83*	
		For Class 55 Rating, Add	*8,175.49*	
		For Class 56 Rating, Add	*10,829.85*	
40 05 19 00-1558	EA	48" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	41,400.98	2,292.01
		For Class 52 Rating, Deduct	*-4,172.11*	
		For Class 54 Rating, Add	*5,730.91*	
		For Class 55 Rating, Add	*8,541.34*	
		For Class 56 Rating, Add	*11,313.85*	
40 05 19 00-1559	EA	48" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	43,058.74	2,294.73
		For Class 52 Rating, Deduct	*-4,354.01*	
		For Class 54 Rating, Add	*5,979.00*	
		For Class 55 Rating, Add	*8,910.20*	
		For Class 56 Rating, Add	*11,801.82*	
40 05 19 00-1560	EA	48" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	44,705.27	2,297.44
		For Class 52 Rating, Deduct	*-4,534.67*	
		For Class 54 Rating, Add	*6,225.42*	
		For Class 55 Rating, Add	*9,276.56*	
		For Class 56 Rating, Add	*12,286.48*	
40 05 19 00-1561	EA	48" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	46,349.56	2,300.17
		For Class 52 Rating, Deduct	*-4,715.09*	
		For Class 54 Rating, Add	*6,471.49*	
		For Class 55 Rating, Add	*9,642.41*	
		For Class 56 Rating, Add	*12,770.48*	
40 05 19 00-1562	EA	48" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	48,007.32	2,302.89
		For Class 52 Rating, Deduct	*-4,896.99*	
		For Class 54 Rating, Add	*6,719.59*	
		For Class 55 Rating, Add	*10,011.28*	
		For Class 56 Rating, Add	*13,258.45*	
40 05 19 00-1563	EA	48" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	49,656.09	2,305.61
		For Class 52 Rating, Deduct	*-5,077.90*	
		For Class 54 Rating, Add	*6,966.33*	
		For Class 55 Rating, Add	*10,378.13*	
		For Class 56 Rating, Add	*13,743.77*	
40 05 19 00-1564	EA	48" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	51,300.38	2,308.32
		For Class 52 Rating, Deduct	*-5,258.32*	
		For Class 54 Rating, Add	*7,212.41*	
		For Class 55 Rating, Add	*10,743.99*	
		For Class 56 Rating, Add	*14,227.77*	
40 05 19 00-1565	EA	48" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	52,958.14	2,311.05
		For Class 52 Rating, Deduct	*-5,440.22*	
		For Class 54 Rating, Add	*7,460.50*	
		For Class 55 Rating, Add	*11,112.85*	
		For Class 56 Rating, Add	*14,715.74*	
40 05 19 00-1566	EA	48" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	54,604.67	2,313.76
		For Class 52 Rating, Deduct	*-5,620.89*	
		For Class 54 Rating, Add	*7,706.91*	
		For Class 55 Rating, Add	*11,479.21*	
		For Class 56 Rating, Add	*15,200.40*	
40 05 19 00-1567	EA	48" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	56,248.96	2,316.47
		For Class 52 Rating, Deduct	*-5,801.31*	
		For Class 54 Rating, Add	*7,952.99*	
		For Class 55 Rating, Add	*11,845.06*	
		For Class 56 Rating, Add	*15,684.40*	
40 05 19 00-1568	EA	48" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	57,906.72	2,319.20
		For Class 52 Rating, Deduct	*-5,983.21*	
		For Class 54 Rating, Add	*8,201.08*	
		For Class 55 Rating, Add	*12,213.92*	
		For Class 56 Rating, Add	*16,172.37*	
40 05 19 00-1569	EA	48" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	59,553.24	2,321.92
		For Class 52 Rating, Deduct	*-6,163.87*	
		For Class 54 Rating, Add	*8,447.50*	
		For Class 55 Rating, Add	*12,580.28*	
		For Class 56 Rating, Add	*16,657.03*	
40 05 19 00-1570	EA	48" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	60,997.57	2,324.64
		For Class 52 Rating, Deduct	*-6,322.29*	
		For Class 54 Rating, Add	*8,663.57*	
		For Class 55 Rating, Add	*12,901.54*	
		For Class 56 Rating, Add	*17,082.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1571	EA	48" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	62,857.55	2,327.35
		For Class 52 Rating, Deduct	*-6,526.44*	
		For Class 54 Rating, Add	*8,942.00*	
		For Class 55 Rating, Add	*13,315.50*	
		For Class 56 Rating, Add	*17,629.67*	
40 05 19 00-1572	EA	48" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	64,501.83	2,330.08
		For Class 52 Rating, Deduct	*-6,706.86*	
		For Class 54 Rating, Add	*9,188.08*	
		For Class 55 Rating, Add	*13,681.35*	
		For Class 56 Rating, Add	*18,113.66*	
40 05 19 00-1573	EA	48" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	66,161.84	2,332.79
		For Class 52 Rating, Deduct	*-6,889.00*	
		For Class 54 Rating, Add	*9,436.51*	
		For Class 55 Rating, Add	*14,050.72*	
		For Class 56 Rating, Add	*18,602.30*	
40 05 19 00-1574	EA	48" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	67,806.12	2,335.51
		For Class 52 Rating, Deduct	*-7,069.42*	
		For Class 54 Rating, Add	*9,682.58*	
		For Class 55 Rating, Add	*14,416.57*	
		For Class 56 Rating, Add	*19,086.30*	
40 05 19 00-1575	EA	48" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	69,450.41	2,338.23
		For Class 52 Rating, Deduct	*-7,249.84*	
		For Class 54 Rating, Add	*9,928.66*	
		For Class 55 Rating, Add	*14,782.43*	
		For Class 56 Rating, Add	*19,570.29*	
40 05 19 00-1576	EA	48" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	71,110.42	2,340.96
		For Class 52 Rating, Deduct	*-7,431.99*	
		For Class 54 Rating, Add	*10,177.09*	
		For Class 55 Rating, Add	*15,151.79*	
		For Class 56 Rating, Add	*20,058.93*	
40 05 19 00-1577	EA	48" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	72,754.70	2,343.67
		For Class 52 Rating, Deduct	*-7,612.41*	
		For Class 54 Rating, Add	*10,423.17*	
		For Class 55 Rating, Add	*15,517.65*	
		For Class 56 Rating, Add	*20,542.92*	
40 05 19 00-1578	EA	48" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	74,401.24	2,346.39
		For Class 52 Rating, Deduct	*-7,793.07*	
		For Class 54 Rating, Add	*10,669.58*	
		For Class 55 Rating, Add	*15,884.00*	
		For Class 56 Rating, Add	*21,027.58*	
40 05 19 00-1579	EA	48" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	76,058.99	2,349.11
		For Class 52 Rating, Deduct	*-7,974.97*	
		For Class 54 Rating, Add	*10,917.67*	
		For Class 55 Rating, Add	*16,252.86*	
		For Class 56 Rating, Add	*21,515.56*	

40 05 19 00-1580 Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbows *(40 05 19 00-0001)*

40 05 19 00-1581	EA	4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	410.85	131.18
40 05 19 00-1582	EA	6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	582.37	167.74
40 05 19 00-1583	EA	8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	828.19	190.01
40 05 19 00-1584	EA	10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	1,222.66	240.89
40 05 19 00-1585	EA	12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	1,522.49	267.11
40 05 19 00-1586	EA	14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	1,910.41	290.17
40 05 19 00-1587	EA	16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	2,353.39	357.75
40 05 19 00-1588	EA	18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	3,099.63	429.29
40 05 19 00-1589	EA	20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	3,814.77	540.59
40 05 19 00-1590	EA	24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	5,866.12	612.15
40 05 19 00-1591	EA	30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	9,930.83	810.90
40 05 19 00-1592	EA	36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	14,146.53	918.21
40 05 19 00-1593	EA	42" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	23,838.59	1,049.39
40 05 19 00-1594	EA	48" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	31,773.55	1,287.88

40 05 19 00-1595 Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbows *(40 05 19 00-0001)*

40 05 19 00-1596	EA	4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	387.63	131.18
40 05 19 00-1597	EA	6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	545.21	167.74
40 05 19 00-1598	EA	8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	733.75	190.01
40 05 19 00-1599	EA	10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	1,086.42	240.89
40 05 19 00-1600	EA	12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	1,349.10	267.11
40 05 19 00-1601	EA	14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	1,557.43	290.17
40 05 19 00-1602	EA	16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	1,963.25	357.75
40 05 19 00-1603	EA	18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	2,574.80	429.29

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1604	EA	20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	3,336.39	540.59
40 05 19 00-1605	EA	24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	4,423.24	612.15
40 05 19 00-1606	EA	30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	8,874.98	810.90
40 05 19 00-1607	EA	36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	13,375.55	918.21
40 05 19 00-1608	EA	42" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	20,523.98	1,049.39
40 05 19 00-1609	EA	48" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	28,023.90	1,287.88
40 05 19 00-1610		**Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbows** *(40 05 19 00-0001)*		
40 05 19 00-1611	EA	4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	386.08	131.18
40 05 19 00-1612	EA	6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	532.83	167.74
40 05 19 00-1613	EA	8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	722.91	190.01
40 05 19 00-1614	EA	10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	1,055.46	240.89
40 05 19 00-1615	EA	12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	1,417.22	267.11
40 05 19 00-1616	EA	14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	1,772.63	290.17
40 05 19 00-1617	EA	16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	2,011.24	357.75
40 05 19 00-1618	EA	18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	2,633.63	429.29
40 05 19 00-1619	EA	20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	3,591.83	540.59
40 05 19 00-1620	EA	24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	5,005.34	612.15
40 05 19 00-1621	EA	30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	8,978.71	810.90
40 05 19 00-1622	EA	36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	13,613.96	918.21
40 05 19 00-1623	EA	42" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	20,999.26	1,049.39
40 05 19 00-1624	EA	48" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	28,643.17	1,287.88
40 05 19 00-1625		**Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbows** *(40 05 19 00-0001)*		
40 05 19 00-1626	EA	4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	424.78	131.18
40 05 19 00-1627	EA	6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	605.59	167.74
40 05 19 00-1628	EA	8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	753.88	190.01
40 05 19 00-1629	EA	10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	1,165.38	240.89
40 05 19 00-1630	EA	12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	1,620.03	267.11
40 05 19 00-1631	EA	14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	1,825.26	290.17
40 05 19 00-1632	EA	16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	2,231.08	357.75
40 05 19 00-1633	EA	18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	2,633.63	429.29
40 05 19 00-1634	EA	20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	3,591.83	540.59
40 05 19 00-1635	EA	24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	5,214.35	612.15
40 05 19 00-1636	EA	30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	9,082.44	810.90
40 05 19 00-1637	EA	36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	13,716.14	918.21
40 05 19 00-1638	EA	42" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	21,107.63	1,049.39
40 05 19 00-1639	EA	48" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	28,861.46	1,287.88
40 05 19 00-1640		**Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbows** *(40 05 19 00-0001)*		
40 05 19 00-1641	EA	6" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	553.11	149.46
40 05 19 00-1642	EA	8" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	689.19	160.59
40 05 19 00-1643	EA	8" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	777.27	178.87
40 05 19 00-1644	EA	10" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,052.84	186.03
40 05 19 00-1645	EA	10" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,109.96	204.31
40 05 19 00-1646	EA	10" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,215.06	215.45
40 05 19 00-1647	EA	12" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,132.15	199.54
40 05 19 00-1648	EA	12" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,277.51	217.83
40 05 19 00-1649	EA	12" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,473.96	228.96
40 05 19 00-1650	EA	12" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,568.24	254.40
40 05 19 00-1651	EA	14" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,473.96	228.96
40 05 19 00-1652	EA	14" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,636.35	240.08
40 05 19 00-1653	EA	14" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,823.53	265.52
40 05 19 00-1654	EA	14" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	2,022.04	279.04
40 05 19 00-1655	EA	16" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,700.10	262.74
40 05 19 00-1656	EA	16" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,836.17	273.88
40 05 19 00-1657	EA	16" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	2,111.59	299.32
40 05 19 00-1658	EA	16" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	2,307.95	312.43
40 05 19 00-1659	EA	16" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	2,474.04	323.96
40 05 19 00-1660	EA	18" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,991.17	298.52
40 05 19 00-1661	EA	18" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	2,393.53	309.65
40 05 19 00-1662	EA	18" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	2,461.49	335.09
40 05 19 00-1663	EA	18" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	2,600.58	348.20
40 05 19 00-1664	EA	18" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	2,825.49	359.74
40 05 19 00-1665	EA	18" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	3,081.04	393.52
40 05 19 00-1666	EA	20" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	2,577.09	354.17
40 05 19 00-1667	EA	20" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	2,753.42	365.30
40 05 19 00-1668	EA	20" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	3,428.25	390.74
40 05 19 00-1669	EA	20" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	3,558.05	403.85
40 05 19 00-1670	EA	20" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	3,931.60	415.39
40 05 19 00-1671	EA	20" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	3,835.72	449.17
40 05 19 00-1672	EA	20" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	4,081.89	484.94
40 05 19 00-1673	EA	24" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	3,649.98	389.95
40 05 19 00-1674	EA	24" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	3,827.86	401.07

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1675	EA	24" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	4,120.30	426.51
40 05 19 00-1676	EA	24" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	4,332.15	439.64
40 05 19 00-1677	EA	24" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	4,732.01	451.16
40 05 19 00-1678	EA	24" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	5,100.58	484.94
40 05 19 00-1679	EA	24" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	5,218.26	520.72
40 05 19 00-1680	EA	24" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	5,495.94	514.96
40 05 19 00-1681	EA	30" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	6,551.05	539.00
40 05 19 00-1682	EA	30" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	6,978.79	550.53
40 05 19 00-1683	EA	30" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	7,875.27	584.32
40 05 19 00-1684	EA	30" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	9,168.01	620.10
40 05 19 00-1685	EA	30" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	10,610.06	675.75
40 05 19 00-1686	EA	30" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	11,206.12	711.52
40 05 19 00-1687	EA	36" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	9,058.33	592.67
40 05 19 00-1688	EA	36" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	11,769.59	604.19
40 05 19 00-1689	EA	36" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	9,537.24	637.99
40 05 19 00-1690	EA	36" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	12,489.62	673.76
40 05 19 00-1691	EA	36" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	11,928.35	729.41
40 05 19 00-1692	EA	36" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	13,012.08	765.18
40 05 19 00-1693	EA	36" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	13,871.70	864.56
40 05 19 00-1694	EA	42" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	16,110.93	669.78
40 05 19 00-1695	EA	42" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	13,556.56	703.57
40 05 19 00-1696	EA	42" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	18,306.33	739.34
40 05 19 00-1697	EA	42" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	17,998.98	794.99
40 05 19 00-1698	EA	42" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	15,679.85	830.76
40 05 19 00-1699	EA	42" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	18,487.06	930.14
40 05 19 00-1700	EA	42" x 36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	26,179.12	983.81
40 05 19 00-1701	EA	48" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	25,051.53	959.95
40 05 19 00-1702	EA	48" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	27,241.02	1,059.32
40 05 19 00-1703	EA	48" x 36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	28,034.49	1,112.99
40 05 19 00-1704	EA	48" x 42" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	35,904.07	1,178.58

40 05 19 00-1705 Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbows *(40 05 19 00-0001)*

40 05 19 00-1706	EA	4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	496.00	131.18
40 05 19 00-1707	EA	6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	772.79	167.74
40 05 19 00-1708	EA	8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	1,147.11	190.01
40 05 19 00-1709	EA	10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	1,637.57	240.89
40 05 19 00-1710	EA	12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	2,329.08	267.11
40 05 19 00-1711	EA	14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	2,720.10	290.17
40 05 19 00-1712	EA	16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	3,533.09	357.75
40 05 19 00-1713	EA	18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	4,379.96	429.29
40 05 19 00-1714	EA	20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	5,982.19	540.59
40 05 19 00-1715	EA	24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	8,829.30	612.15
40 05 19 00-1716	EA	30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	15,601.74	810.90
40 05 19 00-1717	EA	36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	23,820.98	918.21
40 05 19 00-1718	EA	42" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	37,021.17	1,049.39

40 05 19 00-1719 Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbows With Base *(40 05 19 00-0001)*

40 05 19 00-1720	EA	4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	525.41	131.18
40 05 19 00-1721	EA	6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	715.51	167.74
40 05 19 00-1722	EA	8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	1,187.36	190.01
40 05 19 00-1723	EA	10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	1,608.15	240.89
40 05 19 00-1724	EA	12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	2,172.72	267.11
40 05 19 00-1725	EA	14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	2,571.48	290.17
40 05 19 00-1726	EA	16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	3,177.01	357.75
40 05 19 00-1727	EA	18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	3,996.01	429.29
40 05 19 00-1728	EA	20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	5,279.33	540.59
40 05 19 00-1729	EA	24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	7,491.69	612.15
40 05 19 00-1730	EA	30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	12,324.28	810.90
40 05 19 00-1731	EA	36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	17,676.34	918.21
40 05 19 00-1732	EA	42" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	32,977.38	1,049.39
40 05 19 00-1733	EA	48" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	35,524.74	1,287.88

40 05 19 00-1734 Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tees *(40 05 19 00-0001)*

40 05 19 00-1735	EA	4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee	706.24	210.67
40 05 19 00-1736	EA	6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee	875.70	259.17
40 05 19 00-1737	EA	8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee	1,245.04	289.38
40 05 19 00-1738	EA	10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee	1,795.88	376.03
40 05 19 00-1739	EA	12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee	2,405.01	410.21
40 05 19 00-1740	EA	14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee	3,243.11	441.23
40 05 19 00-1741	EA	16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee	3,662.38	556.50
40 05 19 00-1742	EA	18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee	4,474.86	635.99
40 05 19 00-1743	EA	20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee	5,644.32	802.94
40 05 19 00-1744	EA	24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee	8,374.80	886.41
40 05 19 00-1745	EA	30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee	14,313.02	1,224.29
40 05 19 00-1746	EA	36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee	20,707.02	1,403.17

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1747	EA	42" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee	43,094.90	1,621.78
40 05 19 00-1748		**Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tees** *(40 05 19 00-0001)*		
40 05 19 00-1749	EA	6" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	890.66	235.31
40 05 19 00-1750	EA	8" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	1,113.07	240.08
40 05 19 00-1751	EA	8" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	1,106.21	270.30
40 05 19 00-1752	EA	10" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	1,478.29	265.52
40 05 19 00-1753	EA	10" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	1,452.85	295.73
40 05 19 00-1754	EA	10" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	1,531.30	314.82
40 05 19 00-1755	EA	12" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	1,885.80	279.04
40 05 19 00-1756	EA	12" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	1,874.30	309.25
40 05 19 00-1757	EA	12" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	1,979.07	328.34
40 05 19 00-1758	EA	12" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	2,358.22	389.55
40 05 19 00-1759	EA	14" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	2,772.74	290.17
40 05 19 00-1760	EA	14" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	2,705.49	320.38
40 05 19 00-1761	EA	14" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	2,824.19	339.46
40 05 19 00-1762	EA	14" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	2,974.23	400.67
40 05 19 00-1763	EA	14" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	3,154.77	421.74
40 05 19 00-1764	EA	16" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	3,368.88	323.96
40 05 19 00-1765	EA	16" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	3,092.63	354.17
40 05 19 00-1766	EA	16" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	3,037.94	373.25
40 05 19 00-1767	EA	16" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	3,565.71	434.46
40 05 19 00-1768	EA	16" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	3,453.67	455.53
40 05 19 00-1769	EA	16" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	3,857.83	475.01
40 05 19 00-1770	EA	18" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	4,127.49	359.74
40 05 19 00-1771	EA	18" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	3,086.45	389.95
40 05 19 00-1772	EA	18" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	3,729.98	409.02
40 05 19 00-1773	EA	18" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	3,731.39	470.24
40 05 19 00-1774	EA	18" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	4,065.20	491.30
40 05 19 00-1775	EA	18" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	4,443.05	510.78
40 05 19 00-1776	EA	18" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	4,744.56	592.27
40 05 19 00-1777	EA	20" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	9,199.98	415.39
40 05 19 00-1778	EA	20" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	4,564.12	445.60
40 05 19 00-1779	EA	20" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	4,656.50	464.67
40 05 19 00-1780	EA	20" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	4,845.24	525.89
40 05 19 00-1781	EA	20" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	5,035.07	546.95
40 05 19 00-1782	EA	20" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	5,097.09	566.43
40 05 19 00-1783	EA	20" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	6,144.80	647.92
40 05 19 00-1784	EA	20" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	6,274.53	691.64
40 05 19 00-1785	EA	24" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	6,069.62	451.16
40 05 19 00-1786	EA	24" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	5,223.65	481.37
40 05 19 00-1787	EA	24" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	5,461.56	500.45
40 05 19 00-1788	EA	24" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	5,670.43	561.66
40 05 19 00-1789	EA	24" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	6,364.95	582.73
40 05 19 00-1790	EA	24" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	6,521.41	602.20
40 05 19 00-1791	EA	24" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	6,728.48	683.69
40 05 19 00-1792	EA	24" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	8,877.01	727.42
40 05 19 00-1793	EA	24" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	9,177.07	777.31
40 05 19 00-1794	EA	30" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	10,816.01	580.75
40 05 19 00-1795	EA	30" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	10,877.43	599.82
40 05 19 00-1796	EA	30" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	11,176.08	661.03
40 05 19 00-1797	EA	30" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	11,208.00	682.10
40 05 19 00-1798	EA	30" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	11,237.52	701.58
40 05 19 00-1799	EA	30" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	11,463.15	783.07
40 05 19 00-1800	EA	30" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	11,597.52	826.79
40 05 19 00-1801	EA	30" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	11,934.90	938.09
40 05 19 00-1802	EA	30" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	15,320.24	985.79
40 05 19 00-1803	EA	36" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	14,914.11	831.16
40 05 19 00-1804	EA	36" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	15,963.42	846.27
40 05 19 00-1805	EA	36" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	16,063.13	889.59
40 05 19 00-1806	EA	36" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	16,191.21	906.69
40 05 19 00-1807	EA	36" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	16,248.76	922.20
40 05 19 00-1808	EA	36" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	16,404.21	979.83
40 05 19 00-1809	EA	36" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	16,498.50	1,019.58
40 05 19 00-1810	EA	36" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	16,761.21	1,103.05
40 05 19 00-1811	EA	36" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	17,132.53	1,144.79
40 05 19 00-1812	EA	36" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	22,472.66	1,313.72
40 05 19 00-1813	EA	42" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	26,827.66	719.07
40 05 19 00-1814	EA	42" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	24,232.80	780.29
40 05 19 00-1815	EA	42" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	24,264.72	801.35
40 05 19 00-1816	EA	42" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	24,329.84	820.83
40 05 19 00-1817	EA	42" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	24,526.08	902.32
40 05 19 00-1818	EA	42" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	24,775.01	946.04
40 05 19 00-1819	EA	42" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	24,943.64	1,057.34
40 05 19 00-1820	EA	42" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	25,306.97	1,105.04
40 05 19 00-1821	EA	42" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	32,076.17	1,343.53
40 05 19 00-1822	EA	42" x 36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	41,260.69	1,468.75
40 05 19 00-1823	EA	48" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	32,836.01	930.54
40 05 19 00-1824	EA	48" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	32,865.52	950.02
40 05 19 00-1825	EA	48" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	33,097.35	1,031.50

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1826	EA	48" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	33,163.60	1,075.23
40 05 19 00-1827	EA	48" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	33,476.21	1,186.53
40 05 19 00-1828	EA	48" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	33,803.94	1,234.23
40 05 19 00-1829	EA	48" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	34,676.19	1,472.72
40 05 19 00-1830		**Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tees With Base** *(40 05 19 00-0001)*		
40 05 19 00-1831	EA	4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee With Base	765.07	210.67
40 05 19 00-1832	EA	6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee With Base	1,044.45	259.17
40 05 19 00-1833	EA	8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee With Base	1,536.10	289.38
40 05 19 00-1834	EA	10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee With Base	2,345.48	376.03
40 05 19 00-1835	EA	12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee With Base	3,166.71	410.21
40 05 19 00-1836	EA	14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee With Base	3,540.36	441.23
40 05 19 00-1837	EA	16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee With Base	4,393.11	556.50
40 05 19 00-1838	EA	18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee With Base	5,343.37	635.99
40 05 19 00-1839	EA	20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee With Base	7,142.94	802.94
40 05 19 00-1840	EA	24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee With Base	10,328.58	886.41
40 05 19 00-1841	EA	30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee With Base	17,355.16	1,224.29
40 05 19 00-1842	EA	36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee With Base	24,792.61	1,403.17
40 05 19 00-1843		**Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Wyes** *(40 05 19 00-0001)*		
40 05 19 00-1844	EA	4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Wye	616.45	210.67
40 05 19 00-1845	EA	6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Wye	867.96	259.17
40 05 19 00-1846	EA	8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Wye	1,268.26	289.38
40 05 19 00-1847	EA	10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Wye	1,667.39	376.03
40 05 19 00-1848	EA	12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Wye	2,397.27	410.21
40 05 19 00-1849	EA	14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Wye	3,125.45	441.23
40 05 19 00-1850		**Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Crosses** *(40 05 19 00-0001)*		
40 05 19 00-1851	EA	4" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	846.83	290.17
40 05 19 00-1852	EA	6" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	1,128.18	314.42
40 05 19 00-1853	EA	6" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	1,192.26	350.59
40 05 19 00-1854	EA	8" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	1,402.28	319.58
40 05 19 00-1855	EA	8" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	1,526.51	361.72
40 05 19 00-1856	EA	8" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	1,578.29	388.75
40 05 19 00-1857	EA	10" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	1,824.77	345.02
40 05 19 00-1858	EA	10" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	2,007.82	387.16
40 05 19 00-1859	EA	10" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	2,197.39	414.19
40 05 19 00-1860	EA	10" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	2,728.29	511.18
40 05 19 00-1861	EA	12" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	2,377.21	358.15
40 05 19 00-1862	EA	12" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	2,499.88	400.28
40 05 19 00-1863	EA	12" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	2,691.01	427.31
40 05 19 00-1864	EA	12" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	3,251.32	524.30
40 05 19 00-1865	EA	12" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	3,052.23	553.32
40 05 19 00-1866	EA	14" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	2,991.09	411.81
40 05 19 00-1867	EA	14" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	3,180.66	438.84
40 05 19 00-1868	EA	14" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	3,535.06	535.83
40 05 19 00-1869	EA	14" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	3,846.87	564.84
40 05 19 00-1870	EA	14" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	4,035.50	592.27
40 05 19 00-1871	EA	16" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	3,576.39	445.60
40 05 19 00-1872	EA	16" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	3,793.83	472.63
40 05 19 00-1873	EA	16" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	4,148.25	569.61
40 05 19 00-1874	EA	16" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	4,489.45	598.63
40 05 19 00-1875	EA	16" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	6,294.37	626.06
40 05 19 00-1876	EA	16" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	5,081.28	755.25
40 05 19 00-1877	EA	18" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	3,720.39	481.37
40 05 19 00-1878	EA	18" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	3,936.29	508.40
40 05 19 00-1879	EA	18" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	4,231.87	605.38
40 05 19 00-1880	EA	18" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	4,571.53	634.40
40 05 19 00-1881	EA	18" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	5,263.31	661.83
40 05 19 00-1882	EA	18" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	5,726.88	791.02
40 05 19 00-1883	EA	18" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	5,983.22	842.69
40 05 19 00-1884	EA	20" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	4,862.11	537.02
40 05 19 00-1885	EA	20" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	5,093.48	564.05
40 05 19 00-1886	EA	20" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	5,367.38	661.03
40 05 19 00-1887	EA	20" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	5,730.26	690.05
40 05 19 00-1888	EA	20" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	5,835.30	717.48
40 05 19 00-1889	EA	20" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	7,114.74	846.67
40 05 19 00-1890	EA	20" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	7,383.46	898.34
40 05 19 00-1891	EA	20" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	8,083.83	1,065.29
40 05 19 00-1892	EA	24" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	6,445.89	572.79
40 05 19 00-1893	EA	24" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	6,612.25	599.82
40 05 19 00-1894	EA	24" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	6,982.14	696.81
40 05 19 00-1895	EA	24" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	7,218.07	725.83
40 05 19 00-1896	EA	24" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	7,355.60	753.26
40 05 19 00-1897	EA	24" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	7,774.29	882.44
40 05 19 00-1898	EA	24" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	10,115.98	934.12

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1899	EA	24" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	10,687.70	1,039.66
40 05 19 00-1900	EA	24" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	11,764.38	1,160.69
40 05 19 00-1901	EA	30" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	11,937.26	825.20
40 05 19 00-1902	EA	30" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	12,012.88	852.63
40 05 19 00-1903	EA	30" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	12,447.02	981.82
40 05 19 00-1904	EA	30" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	12,593.44	1,033.49
40 05 19 00-1905	EA	30" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	13,222.59	1,200.43
40 05 19 00-1906	EA	30" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	17,239.07	1,260.06
40 05 19 00-1907	EA	30" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	19,549.80	1,637.69
40 05 19 00-1908	EA	36" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	16,883.31	1,049.79
40 05 19 00-1909	EA	36" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	16,918.84	1,073.24
40 05 19 00-1910	EA	36" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	17,285.90	1,178.58
40 05 19 00-1911	EA	36" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	17,424.75	1,226.27
40 05 19 00-1912	EA	36" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	17,943.62	1,365.40
40 05 19 00-1913	EA	36" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	18,571.42	1,419.06
40 05 19 00-1914	EA	36" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	25,147.22	1,727.12
40 05 19 00-1915	EA	36" x 36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	27,575.60	1,888.11
40 05 19 00-1916	EA	42" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	25,028.04	944.45
40 05 19 00-1917	EA	42" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	25,069.59	971.88
40 05 19 00-1918	EA	42" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	25,483.63	1,101.07
40 05 19 00-1919	EA	42" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	25,597.52	1,152.74
40 05 19 00-1920	EA	42" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	26,178.69	1,319.69
40 05 19 00-1921	EA	42" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	26,815.53	1,379.32
40 05 19 00-1922	EA	42" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	34,523.15	1,756.93
40 05 19 00-1923	EA	42" x 42" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	47,785.56	1,953.69
40 05 19 00-1924	EA	48" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	35,295.57	2,194.18
40 05 19 00-1925	EA	48" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	33,602.18	1,101.07
40 05 19 00-1926	EA	48" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	34,017.75	1,230.25
40 05 19 00-1927	EA	48" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	34,131.65	1,281.92
40 05 19 00-1928	EA	48" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	34,675.66	1,448.87
40 05 19 00-1929	EA	48" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	35,312.51	1,508.50
40 05 19 00-1930	EA	48" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	36,867.74	1,886.12

40 05 19 00-1931 Flanged End x Flanged End, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducers *(40 05 19 00-0001)*

40 05 19 00-1932	EA	6" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	452.48	149.46
40 05 19 00-1933	EA	8" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	582.37	160.59
40 05 19 00-1934	EA	8" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	641.03	178.87
40 05 19 00-1935	EA	10" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	788.11	186.03
40 05 19 00-1936	EA	10" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	792.59	204.31
40 05 19 00-1937	EA	10" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	930.20	215.45
40 05 19 00-1938	EA	12" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,012.95	199.54
40 05 19 00-1939	EA	12" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,045.29	217.83
40 05 19 00-1940	EA	12" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,147.30	228.96
40 05 19 00-1941	EA	12" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,291.12	254.40
40 05 19 00-1942	EA	14" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,599.53	217.83
40 05 19 00-1943	EA	14" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,264.96	228.96
40 05 19 00-1944	EA	14" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,401.03	240.08
40 05 19 00-1945	EA	14" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,540.22	265.52
40 05 19 00-1946	EA	14" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,494.12	279.04
40 05 19 00-1947	EA	16" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,895.33	244.46
40 05 19 00-1948	EA	16" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,525.16	262.74
40 05 19 00-1949	EA	16" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,436.75	273.88
40 05 19 00-1950	EA	16" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,602.24	299.32
40 05 19 00-1951	EA	16" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,995.22	312.43
40 05 19 00-1952	EA	16" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,148.93	323.96
40 05 19 00-1953	EA	18" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,399.89	298.52
40 05 19 00-1954	EA	18" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,890.38	309.65
40 05 19 00-1955	EA	18" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,077.54	335.09
40 05 19 00-1956	EA	18" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,061.82	348.20
40 05 19 00-1957	EA	18" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,379.62	359.74
40 05 19 00-1958	EA	18" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,370.43	393.52
40 05 19 00-1959	EA	20" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,448.60	354.17
40 05 19 00-1960	EA	20" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,371.02	365.30
40 05 19 00-1961	EA	20" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,569.02	390.74
40 05 19 00-1962	EA	20" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,500.66	403.85
40 05 19 00-1963	EA	20" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,894.33	415.39
40 05 19 00-1964	EA	20" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,707.11	449.17
40 05 19 00-1965	EA	20" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	3,349.61	484.94
40 05 19 00-1966	EA	24" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	3,220.98	401.07
40 05 19 00-1967	EA	24" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	3,641.92	426.51
40 05 19 00-1968	EA	24" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	3,920.34	439.64
40 05 19 00-1969	EA	24" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	4,024.50	451.16
40 05 19 00-1970	EA	24" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	3,547.78	484.94
40 05 19 00-1971	EA	24" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	4,294.00	520.72
40 05 19 00-1972	EA	24" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	4,540.72	514.96
40 05 19 00-1973	EA	30" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	6,211.00	584.32
40 05 19 00-1974	EA	30" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	6,471.12	620.10
40 05 19 00-1975	EA	30" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	6,965.69	675.75
40 05 19 00-1976	EA	30" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	7,702.64	711.52

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1977	EA	36" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	8,512.36	637.99
40 05 19 00-1978	EA	36" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	8,941.24	673.76
40 05 19 00-1979	EA	36" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	9,503.93	729.41
40 05 19 00-1980	EA	36" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	10,344.60	765.18
40 05 19 00-1981	EA	36" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	11,928.76	864.56
40 05 19 00-1982	EA	42" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	14,514.09	830.76
40 05 19 00-1983	EA	42" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	16,410.98	930.14
40 05 19 00-1984	EA	42" x 36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	18,568.36	983.81
40 05 19 00-1985	EA	48" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	18,459.47	959.95
40 05 19 00-1986	EA	48" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	20,721.72	1,059.32
40 05 19 00-1987	EA	48" x 36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	23,170.17	1,112.99
40 05 19 00-1988	EA	48" x 42" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	25,964.88	1,178.58
40 05 19 00-1989		**Flanged End x Flanged End, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducers** *(40 05 19 00-0001)*		
40 05 19 00-1990	EA	6" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	494.28	149.46
40 05 19 00-1991	EA	8" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	630.36	160.59
40 05 19 00-1992	EA	8" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	716.89	178.87
40 05 19 00-1993	EA	10" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	788.11	186.03
40 05 19 00-1994	EA	10" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	843.68	204.31
40 05 19 00-1995	EA	10" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	978.20	215.45
40 05 19 00-1996	EA	12" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	1,012.95	199.54
40 05 19 00-1997	EA	12" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	1,101.02	217.83
40 05 19 00-1998	EA	12" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	1,206.13	228.96
40 05 19 00-1999	EA	12" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	1,393.30	254.40
40 05 19 00-2000	EA	14" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	1,264.96	228.96
40 05 19 00-2001	EA	14" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	1,371.61	240.08
40 05 19 00-2002	EA	14" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	1,529.38	265.52
40 05 19 00-2003	EA	14" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	1,755.76	279.04
40 05 19 00-2004	EA	16" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	1,525.16	262.74
40 05 19 00-2005	EA	16" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	1,658.13	273.88
40 05 19 00-2006	EA	16" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	1,845.31	299.32
40 05 19 00-2007	EA	16" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	2,043.21	312.43
40 05 19 00-2008	EA	16" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	2,148.93	323.96
40 05 19 00-2009	EA	18" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	1,890.38	309.65
40 05 19 00-2010	EA	18" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	2,077.54	335.09
40 05 19 00-2011	EA	18" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	2,275.46	348.20
40 05 19 00-2012	EA	18" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	2,379.62	359.74
40 05 19 00-2013	EA	18" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	2,608.85	393.52
40 05 19 00-2014	EA	20" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	2,779.90	354.17
40 05 19 00-2015	EA	20" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	2,530.48	365.30
40 05 19 00-2016	EA	20" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	2,569.02	390.74
40 05 19 00-2017	EA	20" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	2,811.84	403.85
40 05 19 00-2018	EA	20" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	2,894.33	415.39
40 05 19 00-2019	EA	20" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	3,165.37	449.17
40 05 19 00-2020	EA	20" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	3,348.06	484.94
40 05 19 00-2021	EA	24" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	3,539.91	401.07
40 05 19 00-2022	EA	24" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	3,641.92	426.51
40 05 19 00-2023	EA	24" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	3,725.27	439.64
40 05 19 00-2024	EA	24" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	3,806.21	451.16
40 05 19 00-2025	EA	24" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	4,081.89	484.94
40 05 19 00-2026	EA	24" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	4,294.00	520.72
40 05 19 00-2027	EA	24" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	4,540.72	514.96
40 05 19 00-2028	EA	30" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	7,458.72	550.53
40 05 19 00-2029	EA	30" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	7,269.94	584.32
40 05 19 00-2030	EA	30" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	6,505.18	620.10
40 05 19 00-2031	EA	30" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	6,965.69	675.75
40 05 19 00-2032	EA	30" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	7,702.64	711.52
40 05 19 00-2033	EA	36" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	8,580.48	637.99
40 05 19 00-2034	EA	36" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	8,941.24	673.76
40 05 19 00-2035	EA	36" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	9,469.87	729.41
40 05 19 00-2036	EA	36" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	10,307.45	765.18
40 05 19 00-2037	EA	36" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	11,894.70	864.56
40 05 19 00-2038	EA	42" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	14,514.09	830.76
40 05 19 00-2039	EA	42" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	12,230.95	930.14
40 05 19 00-2040	EA	42" x 36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	18,568.36	983.81
40 05 19 00-2041	EA	48" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	20,721.72	1,059.32
40 05 19 00-2042	EA	48" x 36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	23,170.17	1,112.99
40 05 19 00-2043	EA	48" x 42" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	25,964.88	1,178.58
40 05 19 00-2044		**Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flanges** *(40 05 19 00-0001)*		
40 05 19 00-2045	EA	4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange	175.83	51.68
40 05 19 00-2046	EA	6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange	264.26	76.32
40 05 19 00-2047	EA	8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange	386.57	90.63
40 05 19 00-2048	EA	10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange	534.86	105.74
40 05 19 00-2049	EA	12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange	692.61	124.02
40 05 19 00-2050	EA	14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange	919.86	139.12
40 05 19 00-2051	EA	16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange	1,100.14	159.00

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2052	EA	18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange	1,489.10	222.60
40 05 19 00-2053	EA	20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange	1,980.58	278.25
40 05 19 00-2054	EA	24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange	2,831.07	337.87
40 05 19 00-2055	EA	30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange	4,005.29	393.52
40 05 19 00-2056	EA	36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange	7,198.99	433.27
40 05 19 00-2057	EA	42" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange	10,172.69	477.00
40 05 19 00-2058	EA	48" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange	13,459.99	536.62

40 05 19 00-2059 Flanged End, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Piping *(40 05 19)*

Note: 350 PSI rating for 2" - 24" sizes, 250 PSI rating for 30" - 48" sizes. Pipe barrels conform to ANSI/AWWA C151/A21.51. The bolt holes are aligned per ANSI/AWWA C115/A21.15. Flanged fittings conform to ANSI/AWWA C110/A21.10. Interiors shall be ceramic epoxy. Exterior shall be bituminous coating, in accordance with ANSI/AWWA C104/A21.04. See CSI section 40 05 19 00-4062 for bolts, 40 05 19 00-4077 for gaskets.

40 05 19 00-2060 Flanged End (FxF), Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-2059)*

40 05 19 00-2061 4" Flanged End (FxF), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-2060)*

40 05 19 00-2062	EA	4" Flanged (FxF), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,095.18	227.37
		For Class 52 Rating, Deduct	*-82.57*	
		For Class 54 Rating, Add	*116.74*	
		For Class 55 Rating, Add	*175.67*	
		For Class 56 Rating, Add	*233.85*	
40 05 19 00-2063	EA	4" Flanged (FxF), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,208.03	231.34
		For Class 52 Rating, Deduct	*-94.33*	
		For Class 54 Rating, Add	*132.83*	
		For Class 55 Rating, Add	*199.64*	
		For Class 56 Rating, Add	*265.58*	
40 05 19 00-2064	EA	4" Flanged (FxF), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,320.89	235.31
		For Class 52 Rating, Deduct	*-106.08*	
		For Class 54 Rating, Add	*148.93*	
		For Class 55 Rating, Add	*223.61*	
		For Class 56 Rating, Add	*297.32*	
40 05 19 00-2065	EA	4" Flanged (FxF), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,433.75	239.29
		For Class 52 Rating, Deduct	*-117.83*	
		For Class 54 Rating, Add	*165.03*	
		For Class 55 Rating, Add	*247.58*	
		For Class 56 Rating, Add	*329.05*	
40 05 19 00-2066	EA	4" Flanged (FxF), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,546.62	243.27
		For Class 52 Rating, Deduct	*-129.58*	
		For Class 54 Rating, Add	*181.13*	
		For Class 55 Rating, Add	*271.55*	
		For Class 56 Rating, Add	*360.79*	
40 05 19 00-2067	EA	4" Flanged (FxF), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,659.47	247.25
		For Class 52 Rating, Deduct	*-141.33*	
		For Class 54 Rating, Add	*197.22*	
		For Class 55 Rating, Add	*295.51*	
		For Class 56 Rating, Add	*392.52*	
40 05 19 00-2068	EA	4" Flanged (FxF), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,772.34	251.22
		For Class 52 Rating, Deduct	*-153.09*	
		For Class 54 Rating, Add	*213.32*	
		For Class 55 Rating, Add	*319.48*	
		For Class 56 Rating, Add	*424.25*	
40 05 19 00-2069	EA	4" Flanged (FxF), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,885.20	255.19
		For Class 52 Rating, Deduct	*-164.84*	
		For Class 54 Rating, Add	*229.42*	
		For Class 55 Rating, Add	*343.45*	
		For Class 56 Rating, Add	*455.99*	
40 05 19 00-2070	EA	4" Flanged (FxF), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,998.05	259.17
		For Class 52 Rating, Deduct	*-176.59*	
		For Class 54 Rating, Add	*245.52*	
		For Class 55 Rating, Add	*367.42*	
		For Class 56 Rating, Add	*487.72*	
40 05 19 00-2071	EA	4" Flanged (FxF), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,110.92	263.14
		For Class 52 Rating, Deduct	*-188.34*	
		For Class 54 Rating, Add	*261.62*	
		For Class 55 Rating, Add	*391.39*	
		For Class 56 Rating, Add	*519.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2072	EA	4" Flanged (FxF), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,223.77	267.11
		For Class 52 Rating, Deduct	*-200.10*	
		For Class 54 Rating, Add	*277.71*	
		For Class 55 Rating, Add	*415.36*	
		For Class 56 Rating, Add	*551.19*	
40 05 19 00-2073	EA	4" Flanged (FxF), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,336.64	271.10
		For Class 52 Rating, Deduct	*-211.85*	
		For Class 54 Rating, Add	*293.81*	
		For Class 55 Rating, Add	*439.33*	
		For Class 56 Rating, Add	*582.92*	
40 05 19 00-2074	EA	4" Flanged (FxF), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,449.50	275.07
		For Class 52 Rating, Deduct	*-223.60*	
		For Class 54 Rating, Add	*309.91*	
		For Class 55 Rating, Add	*463.30*	
		For Class 56 Rating, Add	*614.66*	
40 05 19 00-2075	EA	4" Flanged (FxF), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,562.36	279.04
		For Class 52 Rating, Deduct	*-235.35*	
		For Class 54 Rating, Add	*326.01*	
		For Class 55 Rating, Add	*487.27*	
		For Class 56 Rating, Add	*646.39*	
40 05 19 00-2076	EA	4" Flanged (FxF), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,675.21	283.02
		For Class 52 Rating, Deduct	*-247.10*	
		For Class 54 Rating, Add	*342.11*	
		For Class 55 Rating, Add	*511.24*	
		For Class 56 Rating, Add	*678.13*	
40 05 19 00-2077	EA	4" Flanged (FxF), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,788.08	286.99
		For Class 52 Rating, Deduct	*-258.86*	
		For Class 54 Rating, Add	*358.20*	
		For Class 55 Rating, Add	*535.21*	
		For Class 56 Rating, Add	*709.86*	
40 05 19 00-2078	EA	4" Flanged (FxF), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,900.94	290.96
		For Class 52 Rating, Deduct	*-270.61*	
		For Class 54 Rating, Add	*374.30*	
		For Class 55 Rating, Add	*559.18*	
		For Class 56 Rating, Add	*741.59*	
40 05 19 00-2079	EA	4" Flanged (FxF), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,013.80	294.94
		For Class 52 Rating, Deduct	*-282.36*	
		For Class 54 Rating, Add	*390.40*	
		For Class 55 Rating, Add	*583.15*	
		For Class 56 Rating, Add	*773.33*	
40 05 19 00-2080	EA	4" Flanged (FxF), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,126.67	298.92
		For Class 52 Rating, Deduct	*-294.11*	
		For Class 54 Rating, Add	*406.50*	
		For Class 55 Rating, Add	*607.12*	
		For Class 56 Rating, Add	*805.06*	
40 05 19 00-2081	EA	4" Flanged (FxF), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,239.51	302.90
		For Class 52 Rating, Deduct	*-305.86*	
		For Class 54 Rating, Add	*422.60*	
		For Class 55 Rating, Add	*631.09*	
		For Class 56 Rating, Add	*836.80*	
40 05 19 00-2082	EA	4" Flanged (FxF), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,352.38	306.87
		For Class 52 Rating, Deduct	*-317.62*	
		For Class 54 Rating, Add	*438.69*	
		For Class 55 Rating, Add	*655.06*	
		For Class 56 Rating, Add	*868.53*	
40 05 19 00-2083	EA	4" Flanged (FxF), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,465.24	310.84
		For Class 52 Rating, Deduct	*-329.37*	
		For Class 54 Rating, Add	*454.79*	
		For Class 55 Rating, Add	*679.03*	
		For Class 56 Rating, Add	*900.26*	
40 05 19 00-2084	EA	4" Flanged (FxF), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,578.11	314.82
		For Class 52 Rating, Deduct	*-341.12*	
		For Class 54 Rating, Add	*470.89*	
		For Class 55 Rating, Add	*703.00*	
		For Class 56 Rating, Add	*932.00*	
40 05 19 00-2085	EA	4" Flanged (FxF), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,690.96	318.79
		For Class 52 Rating, Deduct	*-352.87*	
		For Class 54 Rating, Add	*486.99*	
		For Class 55 Rating, Add	*726.96*	
		For Class 56 Rating, Add	*963.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2086	EA	4" Flanged (FxF), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,803.82	322.76
		For Class 52 Rating, Deduct	*-364.63*	
		For Class 54 Rating, Add	*503.09*	
		For Class 55 Rating, Add	*750.93*	
		For Class 56 Rating, Add	*995.47*	
40 05 19 00-2087	EA	4" Flanged (FxF), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,916.68	326.75
		For Class 52 Rating, Deduct	*-376.38*	
		For Class 54 Rating, Add	*519.18*	
		For Class 55 Rating, Add	*774.90*	
		For Class 56 Rating, Add	*1,027.20*	
40 05 19 00-2088	EA	4" Flanged (FxF), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,029.54	330.72
		For Class 52 Rating, Deduct	*-388.13*	
		For Class 54 Rating, Add	*535.28*	
		For Class 55 Rating, Add	*798.87*	
		For Class 56 Rating, Add	*1,058.93*	
40 05 19 00-2089	EA	4" Flanged (FxF), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,142.41	334.69
		For Class 52 Rating, Deduct	*-399.88*	
		For Class 54 Rating, Add	*551.38*	
		For Class 55 Rating, Add	*822.84*	
		For Class 56 Rating, Add	*1,090.67*	
40 05 19 00-2090	EA	4" Flanged (FxF), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,255.26	338.67
		For Class 52 Rating, Deduct	*-411.63*	
		For Class 54 Rating, Add	*567.48*	
		For Class 55 Rating, Add	*846.81*	
		For Class 56 Rating, Add	*1,122.40*	
40 05 19 00-2091	EA	4" Flanged (FxF), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,368.13	342.64
		For Class 52 Rating, Deduct	*-423.39*	
		For Class 54 Rating, Add	*583.58*	
		For Class 55 Rating, Add	*870.78*	
		For Class 56 Rating, Add	*1,154.14*	
40 05 19 00-2092	EA	4" Flanged (FxF), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,480.98	346.61
		For Class 52 Rating, Deduct	*-435.14*	
		For Class 54 Rating, Add	*599.67*	
		For Class 55 Rating, Add	*894.75*	
		For Class 56 Rating, Add	*1,185.87*	
40 05 19 00-2093	EA	4" Flanged (FxF), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,593.85	350.59
		For Class 52 Rating, Deduct	*-446.89*	
		For Class 54 Rating, Add	*615.77*	
		For Class 55 Rating, Add	*918.72*	
		For Class 56 Rating, Add	*1,217.60*	
40 05 19 00-2094	EA	4" Flanged (FxF), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,706.70	354.57
		For Class 52 Rating, Deduct	*-458.64*	
		For Class 54 Rating, Add	*631.87*	
		For Class 55 Rating, Add	*942.69*	
		For Class 56 Rating, Add	*1,249.34*	
40 05 19 00-2095	EA	4" Flanged (FxF), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,819.57	358.55
		For Class 52 Rating, Deduct	*-470.40*	
		For Class 54 Rating, Add	*647.97*	
		For Class 55 Rating, Add	*966.66*	
		For Class 56 Rating, Add	*1,281.07*	
40 05 19 00-2096	EA	4" Flanged (FxF), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,932.43	362.52
		For Class 52 Rating, Deduct	*-482.15*	
		For Class 54 Rating, Add	*664.07*	
		For Class 55 Rating, Add	*990.63*	
		For Class 56 Rating, Add	*1,312.81*	
40 05 19 00-2097	EA	4" Flanged (FxF), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,045.29	366.49
		For Class 52 Rating, Deduct	*-493.90*	
		For Class 54 Rating, Add	*680.16*	
		For Class 55 Rating, Add	*1,014.60*	
		For Class 56 Rating, Add	*1,344.54*	
40 05 19 00-2098	EA	4" Flanged (FxF), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,158.15	370.47
		For Class 52 Rating, Deduct	*-505.65*	
		For Class 54 Rating, Add	*696.26*	
		For Class 55 Rating, Add	*1,038.57*	
		For Class 56 Rating, Add	*1,376.27*	
40 05 19 00-2099	EA	4" Flanged (FxF), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,271.00	374.44
		For Class 52 Rating, Deduct	*-517.40*	
		For Class 54 Rating, Add	*712.36*	
		For Class 55 Rating, Add	*1,062.53*	
		For Class 56 Rating, Add	*1,408.01*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2100	EA	4" Flanged (FxF), 20'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,383.87	378.41
		For Class 52 Rating, Deduct	*-529.16*	
		For Class 54 Rating, Add	*728.46*	
		For Class 55 Rating, Add	*1,086.50*	
		For Class 56 Rating, Add	*1,439.74*	

40 05 19 00-2101 6" Flanged End (FxF), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-2060)*

40 05 19 00-2102	EA	6" Flanged (FxF), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,369.87	286.20
		For Class 52 Rating, Deduct	*-102.99*	
		For Class 54 Rating, Add	*145.64*	
		For Class 55 Rating, Add	*219.19*	
		For Class 56 Rating, Add	*291.80*	
40 05 19 00-2103	EA	6" Flanged (FxF), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,499.60	290.17
		For Class 52 Rating, Deduct	*-116.59*	
		For Class 54 Rating, Add	*164.27*	
		For Class 55 Rating, Add	*246.92*	
		For Class 56 Rating, Add	*328.51*	
40 05 19 00-2104	EA	6" Flanged (FxF), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,629.33	294.14
		For Class 52 Rating, Deduct	*-130.20*	
		For Class 54 Rating, Add	*182.90*	
		For Class 55 Rating, Add	*274.65*	
		For Class 56 Rating, Add	*365.22*	
40 05 19 00-2105	EA	6" Flanged (FxF), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,759.06	298.13
		For Class 52 Rating, Deduct	*-143.81*	
		For Class 54 Rating, Add	*201.52*	
		For Class 55 Rating, Add	*302.38*	
		For Class 56 Rating, Add	*401.93*	
40 05 19 00-2106	EA	6" Flanged (FxF), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,888.78	302.10
		For Class 52 Rating, Deduct	*-157.42*	
		For Class 54 Rating, Add	*220.15*	
		For Class 55 Rating, Add	*330.11*	
		For Class 56 Rating, Add	*438.64*	
40 05 19 00-2107	EA	6" Flanged (FxF), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,018.52	306.07
		For Class 52 Rating, Deduct	*-171.02*	
		For Class 54 Rating, Add	*238.78*	
		For Class 55 Rating, Add	*357.84*	
		For Class 56 Rating, Add	*475.35*	
40 05 19 00-2108	EA	6" Flanged (FxF), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,148.25	310.05
		For Class 52 Rating, Deduct	*-184.63*	
		For Class 54 Rating, Add	*257.41*	
		For Class 55 Rating, Add	*385.58*	
		For Class 56 Rating, Add	*512.06*	
40 05 19 00-2109	EA	6" Flanged (FxF), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,277.97	314.02
		For Class 52 Rating, Deduct	*-198.24*	
		For Class 54 Rating, Add	*276.04*	
		For Class 55 Rating, Add	*413.31*	
		For Class 56 Rating, Add	*548.77*	
40 05 19 00-2110	EA	6" Flanged (FxF), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,407.71	317.99
		For Class 52 Rating, Deduct	*-211.85*	
		For Class 54 Rating, Add	*294.67*	
		For Class 55 Rating, Add	*441.04*	
		For Class 56 Rating, Add	*585.48*	
40 05 19 00-2111	EA	6" Flanged (FxF), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,537.43	321.97
		For Class 52 Rating, Deduct	*-225.46*	
		For Class 54 Rating, Add	*313.29*	
		For Class 55 Rating, Add	*468.77*	
		For Class 56 Rating, Add	*622.19*	
40 05 19 00-2112	EA	6" Flanged (FxF), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,667.16	325.95
		For Class 52 Rating, Deduct	*-239.06*	
		For Class 54 Rating, Add	*331.92*	
		For Class 55 Rating, Add	*496.50*	
		For Class 56 Rating, Add	*658.90*	
40 05 19 00-2113	EA	6" Flanged (FxF), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,796.89	329.93
		For Class 52 Rating, Deduct	*-252.67*	
		For Class 54 Rating, Add	*350.55*	
		For Class 55 Rating, Add	*524.23*	
		For Class 56 Rating, Add	*695.61*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2114	EA	6" Flanged (FxF), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,926.63	333.90
		For Class 52 Rating, Deduct	*-266.28*	
		For Class 54 Rating, Add	*369.18*	
		For Class 55 Rating, Add	*551.96*	
		For Class 56 Rating, Add	*732.33*	
40 05 19 00-2115	EA	6" Flanged (FxF), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,056.36	337.87
		For Class 52 Rating, Deduct	*-279.89*	
		For Class 54 Rating, Add	*387.81*	
		For Class 55 Rating, Add	*579.69*	
		For Class 56 Rating, Add	*769.04*	
40 05 19 00-2116	EA	6" Flanged (FxF), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,186.08	341.85
		For Class 52 Rating, Deduct	*-293.49*	
		For Class 54 Rating, Add	*406.43*	
		For Class 55 Rating, Add	*607.42*	
		For Class 56 Rating, Add	*805.74*	
40 05 19 00-2117	EA	6" Flanged (FxF), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,315.81	345.82
		For Class 52 Rating, Deduct	*-307.10*	
		For Class 54 Rating, Add	*425.06*	
		For Class 55 Rating, Add	*635.16*	
		For Class 56 Rating, Add	*842.46*	
40 05 19 00-2118	EA	6" Flanged (FxF), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,445.54	349.79
		For Class 52 Rating, Deduct	*-320.71*	
		For Class 54 Rating, Add	*443.69*	
		For Class 55 Rating, Add	*662.89*	
		For Class 56 Rating, Add	*879.17*	
40 05 19 00-2119	EA	6" Flanged (FxF), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,575.27	353.77
		For Class 52 Rating, Deduct	*-334.32*	
		For Class 54 Rating, Add	*462.32*	
		For Class 55 Rating, Add	*690.62*	
		For Class 56 Rating, Add	*915.88*	
40 05 19 00-2120	EA	6" Flanged (FxF), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,705.00	357.75
		For Class 52 Rating, Deduct	*-347.93*	
		For Class 54 Rating, Add	*480.95*	
		For Class 55 Rating, Add	*718.35*	
		For Class 56 Rating, Add	*952.59*	
40 05 19 00-2121	EA	6" Flanged (FxF), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,834.74	361.72
		For Class 52 Rating, Deduct	*-361.53*	
		For Class 54 Rating, Add	*499.58*	
		For Class 55 Rating, Add	*746.08*	
		For Class 56 Rating, Add	*989.30*	
40 05 19 00-2122	EA	6" Flanged (FxF), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,964.45	365.70
		For Class 52 Rating, Deduct	*-375.14*	
		For Class 54 Rating, Add	*518.20*	
		For Class 55 Rating, Add	*773.81*	
		For Class 56 Rating, Add	*1,026.01*	
40 05 19 00-2123	EA	6" Flanged (FxF), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,094.19	369.67
		For Class 52 Rating, Deduct	*-388.75*	
		For Class 54 Rating, Add	*536.83*	
		For Class 55 Rating, Add	*801.54*	
		For Class 56 Rating, Add	*1,062.72*	
40 05 19 00-2124	EA	6" Flanged (FxF), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,223.92	373.64
		For Class 52 Rating, Deduct	*-402.36*	
		For Class 54 Rating, Add	*555.46*	
		For Class 55 Rating, Add	*829.27*	
		For Class 56 Rating, Add	*1,099.43*	
40 05 19 00-2125	EA	6" Flanged (FxF), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,353.65	377.62
		For Class 52 Rating, Deduct	*-415.96*	
		For Class 54 Rating, Add	*574.09*	
		For Class 55 Rating, Add	*857.00*	
		For Class 56 Rating, Add	*1,136.14*	
40 05 19 00-2126	EA	6" Flanged (FxF), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,483.38	381.59
		For Class 52 Rating, Deduct	*-429.57*	
		For Class 54 Rating, Add	*592.72*	
		For Class 55 Rating, Add	*884.74*	
		For Class 56 Rating, Add	*1,172.85*	
40 05 19 00-2127	EA	6" Flanged (FxF), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,613.10	385.58
		For Class 52 Rating, Deduct	*-443.18*	
		For Class 54 Rating, Add	*611.35*	
		For Class 55 Rating, Add	*912.47*	
		For Class 56 Rating, Add	*1,209.56*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2128	EA	6" Flanged (FxF), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,742.84	389.55
		For Class 52 Rating, Deduct	*-456.79*	
		For Class 54 Rating, Add	*629.98*	
		For Class 55 Rating, Add	*940.20*	
		For Class 56 Rating, Add	*1,246.27*	
40 05 19 00-2129	EA	6" Flanged (FxF), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,872.56	393.52
		For Class 52 Rating, Deduct	*-470.40*	
		For Class 54 Rating, Add	*648.60*	
		For Class 55 Rating, Add	*967.93*	
		For Class 56 Rating, Add	*1,282.98*	
40 05 19 00-2130	EA	6" Flanged (FxF), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,002.30	397.50
		For Class 52 Rating, Deduct	*-484.00*	
		For Class 54 Rating, Add	*667.23*	
		For Class 55 Rating, Add	*995.66*	
		For Class 56 Rating, Add	*1,319.69*	
40 05 19 00-2131	EA	6" Flanged (FxF), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,132.03	401.47
		For Class 52 Rating, Deduct	*-497.61*	
		For Class 54 Rating, Add	*685.86*	
		For Class 55 Rating, Add	*1,023.39*	
		For Class 56 Rating, Add	*1,356.40*	
40 05 19 00-2132	EA	6" Flanged (FxF), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,261.76	405.44
		For Class 52 Rating, Deduct	*-511.22*	
		For Class 54 Rating, Add	*704.49*	
		For Class 55 Rating, Add	*1,051.12*	
		For Class 56 Rating, Add	*1,393.11*	
40 05 19 00-2133	EA	6" Flanged (FxF), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,391.48	409.42
		For Class 52 Rating, Deduct	*-524.83*	
		For Class 54 Rating, Add	*723.12*	
		For Class 55 Rating, Add	*1,078.85*	
		For Class 56 Rating, Add	*1,429.82*	
40 05 19 00-2134	EA	6" Flanged (FxF), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,521.22	413.40
		For Class 52 Rating, Deduct	*-538.43*	
		For Class 54 Rating, Add	*741.75*	
		For Class 55 Rating, Add	*1,106.59*	
		For Class 56 Rating, Add	*1,466.53*	
40 05 19 00-2135	EA	6" Flanged (FxF), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,650.94	417.37
		For Class 52 Rating, Deduct	*-552.04*	
		For Class 54 Rating, Add	*760.37*	
		For Class 55 Rating, Add	*1,134.32*	
		For Class 56 Rating, Add	*1,503.24*	
40 05 19 00-2136	EA	6" Flanged (FxF), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,780.68	421.35
		For Class 52 Rating, Deduct	*-565.65*	
		For Class 54 Rating, Add	*779.00*	
		For Class 55 Rating, Add	*1,162.05*	
		For Class 56 Rating, Add	*1,539.95*	
40 05 19 00-2137	EA	6" Flanged (FxF), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,910.41	425.32
		For Class 52 Rating, Deduct	*-579.26*	
		For Class 54 Rating, Add	*797.63*	
		For Class 55 Rating, Add	*1,189.78*	
		For Class 56 Rating, Add	*1,576.66*	
40 05 19 00-2138	EA	6" Flanged (FxF), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,040.12	429.29
		For Class 52 Rating, Deduct	*-592.86*	
		For Class 54 Rating, Add	*816.26*	
		For Class 55 Rating, Add	*1,217.51*	
		For Class 56 Rating, Add	*1,613.37*	
40 05 19 00-2139	EA	6" Flanged (FxF), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,169.86	433.27
		For Class 52 Rating, Deduct	*-606.47*	
		For Class 54 Rating, Add	*834.89*	
		For Class 55 Rating, Add	*1,245.24*	
		For Class 56 Rating, Add	*1,650.08*	
40 05 19 00-2140	EA	6" Flanged (FxF), 20'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,299.59	437.24
		For Class 52 Rating, Deduct	*-620.08*	
		For Class 54 Rating, Add	*853.51*	
		For Class 55 Rating, Add	*1,272.97*	
		For Class 56 Rating, Add	*1,686.79*	

40 05 19 00-2141 8" Flanged End (FxF), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-2060)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2142	EA	8" Flanged (FxF), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,906.42	365.70
		For Class 52 Rating, Deduct	*-148.76*	
		For Class 54 Rating, Add	*209.50*	
		For Class 55 Rating, Add	*314.87*	
		For Class 56 Rating, Add	*418.89*	
40 05 19 00-2143	EA	8" Flanged (FxF), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,072.71	369.67
		For Class 52 Rating, Deduct	*-166.39*	
		For Class 54 Rating, Add	*233.61*	
		For Class 55 Rating, Add	*350.75*	
		For Class 56 Rating, Add	*466.38*	
40 05 19 00-2144	EA	8" Flanged (FxF), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,238.98	373.64
		For Class 52 Rating, Deduct	*-184.01*	
		For Class 54 Rating, Add	*257.72*	
		For Class 55 Rating, Add	*386.63*	
		For Class 56 Rating, Add	*513.87*	
40 05 19 00-2145	EA	8" Flanged (FxF), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,405.27	377.62
		For Class 52 Rating, Deduct	*-201.64*	
		For Class 54 Rating, Add	*281.83*	
		For Class 55 Rating, Add	*422.52*	
		For Class 56 Rating, Add	*561.37*	
40 05 19 00-2146	EA	8" Flanged (FxF), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,571.55	381.59
		For Class 52 Rating, Deduct	*-219.27*	
		For Class 54 Rating, Add	*305.94*	
		For Class 55 Rating, Add	*458.40*	
		For Class 56 Rating, Add	*608.86*	
40 05 19 00-2147	EA	8" Flanged (FxF), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,737.81	385.58
		For Class 52 Rating, Deduct	*-236.90*	
		For Class 54 Rating, Add	*330.05*	
		For Class 55 Rating, Add	*494.28*	
		For Class 56 Rating, Add	*656.35*	
40 05 19 00-2148	EA	8" Flanged (FxF), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,904.10	389.55
		For Class 52 Rating, Deduct	*-254.53*	
		For Class 54 Rating, Add	*354.16*	
		For Class 55 Rating, Add	*530.16*	
		For Class 56 Rating, Add	*703.84*	
40 05 19 00-2149	EA	8" Flanged (FxF), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,070.38	393.52
		For Class 52 Rating, Deduct	*-272.16*	
		For Class 54 Rating, Add	*378.28*	
		For Class 55 Rating, Add	*566.04*	
		For Class 56 Rating, Add	*751.34*	
40 05 19 00-2150	EA	8" Flanged (FxF), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,236.66	397.50
		For Class 52 Rating, Deduct	*-289.78*	
		For Class 54 Rating, Add	*402.39*	
		For Class 55 Rating, Add	*601.92*	
		For Class 56 Rating, Add	*798.83*	
40 05 19 00-2151	EA	8" Flanged (FxF), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,402.94	401.47
		For Class 52 Rating, Deduct	*-307.41*	
		For Class 54 Rating, Add	*426.50*	
		For Class 55 Rating, Add	*637.81*	
		For Class 56 Rating, Add	*846.32*	
40 05 19 00-2152	EA	8" Flanged (FxF), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,569.23	405.44
		For Class 52 Rating, Deduct	*-325.04*	
		For Class 54 Rating, Add	*450.61*	
		For Class 55 Rating, Add	*673.69*	
		For Class 56 Rating, Add	*893.81*	
40 05 19 00-2153	EA	8" Flanged (FxF), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,735.49	409.42
		For Class 52 Rating, Deduct	*-342.67*	
		For Class 54 Rating, Add	*474.72*	
		For Class 55 Rating, Add	*709.57*	
		For Class 56 Rating, Add	*941.30*	
40 05 19 00-2154	EA	8" Flanged (FxF), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,901.78	413.40
		For Class 52 Rating, Deduct	*-360.30*	
		For Class 54 Rating, Add	*498.83*	
		For Class 55 Rating, Add	*745.45*	
		For Class 56 Rating, Add	*988.80*	
40 05 19 00-2155	EA	8" Flanged (FxF), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,068.06	417.37
		For Class 52 Rating, Deduct	*-377.92*	
		For Class 54 Rating, Add	*522.94*	
		For Class 55 Rating, Add	*781.33*	
		For Class 56 Rating, Add	*1,036.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2156	EA	8" Flanged (FxF), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,234.34	421.35
		For Class 52 Rating, Deduct	*-395.55*	
		For Class 54 Rating, Add	*547.05*	
		For Class 55 Rating, Add	*817.21*	
		For Class 56 Rating, Add	*1,083.78*	
40 05 19 00-2157	EA	8" Flanged (FxF), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,400.62	425.32
		For Class 52 Rating, Deduct	*-413.18*	
		For Class 54 Rating, Add	*571.16*	
		For Class 55 Rating, Add	*853.10*	
		For Class 56 Rating, Add	*1,131.28*	
40 05 19 00-2158	EA	8" Flanged (FxF), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,566.89	429.29
		For Class 52 Rating, Deduct	*-430.81*	
		For Class 54 Rating, Add	*595.27*	
		For Class 55 Rating, Add	*888.98*	
		For Class 56 Rating, Add	*1,178.77*	
40 05 19 00-2159	EA	8" Flanged (FxF), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,733.17	433.27
		For Class 52 Rating, Deduct	*-448.44*	
		For Class 54 Rating, Add	*619.38*	
		For Class 55 Rating, Add	*924.86*	
		For Class 56 Rating, Add	*1,226.26*	
40 05 19 00-2160	EA	8" Flanged (FxF), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,899.45	437.24
		For Class 52 Rating, Deduct	*-466.07*	
		For Class 54 Rating, Add	*643.49*	
		For Class 55 Rating, Add	*960.74*	
		For Class 56 Rating, Add	*1,273.75*	
40 05 19 00-2161	EA	8" Flanged (FxF), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,065.74	441.23
		For Class 52 Rating, Deduct	*-483.69*	
		For Class 54 Rating, Add	*667.61*	
		For Class 55 Rating, Add	*996.62*	
		For Class 56 Rating, Add	*1,321.25*	
40 05 19 00-2162	EA	8" Flanged (FxF), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,232.01	445.20
		For Class 52 Rating, Deduct	*-501.32*	
		For Class 54 Rating, Add	*691.71*	
		For Class 55 Rating, Add	*1,032.50*	
		For Class 56 Rating, Add	*1,368.74*	
40 05 19 00-2163	EA	8" Flanged (FxF), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,398.30	449.17
		For Class 52 Rating, Deduct	*-518.95*	
		For Class 54 Rating, Add	*715.83*	
		For Class 55 Rating, Add	*1,068.39*	
		For Class 56 Rating, Add	*1,416.23*	
40 05 19 00-2164	EA	8" Flanged (FxF), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,564.57	453.15
		For Class 52 Rating, Deduct	*-536.58*	
		For Class 54 Rating, Add	*739.94*	
		For Class 55 Rating, Add	*1,104.27*	
		For Class 56 Rating, Add	*1,463.72*	
40 05 19 00-2165	EA	8" Flanged (FxF), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,730.85	457.12
		For Class 52 Rating, Deduct	*-554.21*	
		For Class 54 Rating, Add	*764.05*	
		For Class 55 Rating, Add	*1,140.15*	
		For Class 56 Rating, Add	*1,511.21*	
40 05 19 00-2166	EA	8" Flanged (FxF), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,897.13	461.09
		For Class 52 Rating, Deduct	*-571.84*	
		For Class 54 Rating, Add	*788.16*	
		For Class 55 Rating, Add	*1,176.03*	
		For Class 56 Rating, Add	*1,558.71*	
40 05 19 00-2167	EA	8" Flanged (FxF), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,063.41	465.07
		For Class 52 Rating, Deduct	*-589.46*	
		For Class 54 Rating, Add	*812.27*	
		For Class 55 Rating, Add	*1,211.92*	
		For Class 56 Rating, Add	*1,606.20*	
40 05 19 00-2168	EA	8" Flanged (FxF), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,229.69	469.05
		For Class 52 Rating, Deduct	*-607.09*	
		For Class 54 Rating, Add	*836.38*	
		For Class 55 Rating, Add	*1,247.80*	
		For Class 56 Rating, Add	*1,653.69*	
40 05 19 00-2169	EA	8" Flanged (FxF), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,395.96	473.02
		For Class 52 Rating, Deduct	*-624.72*	
		For Class 54 Rating, Add	*860.49*	
		For Class 55 Rating, Add	*1,283.68*	
		For Class 56 Rating, Add	*1,701.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2170	EA	8" Flanged (FxF), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,562.25	477.00
		For Class 52 Rating, Deduct	*-642.35*	
		For Class 54 Rating, Add	*884.60*	
		For Class 55 Rating, Add	*1,319.56*	
		For Class 56 Rating, Add	*1,748.68*	
40 05 19 00-2171	EA	8" Flanged (FxF), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,728.52	480.97
		For Class 52 Rating, Deduct	*-659.98*	
		For Class 54 Rating, Add	*908.71*	
		For Class 55 Rating, Add	*1,355.44*	
		For Class 56 Rating, Add	*1,796.17*	
40 05 19 00-2172	EA	8" Flanged (FxF), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,894.81	484.94
		For Class 52 Rating, Deduct	*-677.60*	
		For Class 54 Rating, Add	*932.82*	
		For Class 55 Rating, Add	*1,391.32*	
		For Class 56 Rating, Add	*1,843.66*	
40 05 19 00-2173	EA	8" Flanged (FxF), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,061.09	488.92
		For Class 52 Rating, Deduct	*-695.23*	
		For Class 54 Rating, Add	*956.93*	
		For Class 55 Rating, Add	*1,427.21*	
		For Class 56 Rating, Add	*1,891.16*	
40 05 19 00-2174	EA	8" Flanged (FxF), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,227.37	492.89
		For Class 52 Rating, Deduct	*-712.86*	
		For Class 54 Rating, Add	*981.04*	
		For Class 55 Rating, Add	*1,463.09*	
		For Class 56 Rating, Add	*1,938.65*	
40 05 19 00-2175	EA	8" Flanged (FxF), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,393.64	496.87
		For Class 52 Rating, Deduct	*-730.49*	
		For Class 54 Rating, Add	*1,005.16*	
		For Class 55 Rating, Add	*1,498.97*	
		For Class 56 Rating, Add	*1,986.14*	
40 05 19 00-2176	EA	8" Flanged (FxF), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,559.92	500.85
		For Class 52 Rating, Deduct	*-748.12*	
		For Class 54 Rating, Add	*1,029.27*	
		For Class 55 Rating, Add	*1,534.85*	
		For Class 56 Rating, Add	*2,033.63*	
40 05 19 00-2177	EA	8" Flanged (FxF), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,726.20	504.82
		For Class 52 Rating, Deduct	*-765.75*	
		For Class 54 Rating, Add	*1,053.38*	
		For Class 55 Rating, Add	*1,570.73*	
		For Class 56 Rating, Add	*2,081.13*	
40 05 19 00-2178	EA	8" Flanged (FxF), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,892.48	508.80
		For Class 52 Rating, Deduct	*-783.37*	
		For Class 54 Rating, Add	*1,077.49*	
		For Class 55 Rating, Add	*1,606.61*	
		For Class 56 Rating, Add	*2,128.62*	
40 05 19 00-2179	EA	8" Flanged (FxF), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,058.77	512.77
		For Class 52 Rating, Deduct	*-801.00*	
		For Class 54 Rating, Add	*1,101.60*	
		For Class 55 Rating, Add	*1,642.50*	
		For Class 56 Rating, Add	*2,176.11*	
40 05 19 00-2180	EA	8" Flanged (FxF), 20'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,225.03	516.74
		For Class 52 Rating, Deduct	*-818.63*	
		For Class 54 Rating, Add	*1,125.71*	
		For Class 55 Rating, Add	*1,678.38*	
		For Class 56 Rating, Add	*2,223.60*	

40 05 19 00-2181 10" Flanged End (FxF), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-2060)*

40 05 19 00-2182	EA	10" Flanged (FxF), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,406.44	445.20
		For Class 52 Rating, Deduct	*-190.51*	
		For Class 54 Rating, Add	*267.88*	
		For Class 55 Rating, Add	*402.40*	
		For Class 56 Rating, Add	*535.19*	
40 05 19 00-2183	EA	10" Flanged (FxF), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,620.52	449.17
		For Class 52 Rating, Deduct	*-213.39*	
		For Class 54 Rating, Add	*299.16*	
		For Class 55 Rating, Add	*448.94*	
		For Class 56 Rating, Add	*596.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2184	EA	10" Flanged (FxF), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,834.58	453.15
		For Class 52 Rating, Deduct	*-236.28*	
		For Class 54 Rating, Add	*330.44*	
		For Class 55 Rating, Add	*495.48*	
		For Class 56 Rating, Add	*658.38*	
40 05 19 00-2185	EA	10" Flanged (FxF), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,048.66	457.12
		For Class 52 Rating, Deduct	*-259.17*	
		For Class 54 Rating, Add	*361.72*	
		For Class 55 Rating, Add	*542.02*	
		For Class 56 Rating, Add	*719.97*	
40 05 19 00-2186	EA	10" Flanged (FxF), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,262.74	461.09
		For Class 52 Rating, Deduct	*-282.05*	
		For Class 54 Rating, Add	*393.00*	
		For Class 55 Rating, Add	*588.56*	
		For Class 56 Rating, Add	*781.56*	
40 05 19 00-2187	EA	10" Flanged (FxF), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,476.81	465.07
		For Class 52 Rating, Deduct	*-304.94*	
		For Class 54 Rating, Add	*424.28*	
		For Class 55 Rating, Add	*635.10*	
		For Class 56 Rating, Add	*843.15*	
40 05 19 00-2188	EA	10" Flanged (FxF), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,690.89	469.05
		For Class 52 Rating, Deduct	*-327.82*	
		For Class 54 Rating, Add	*455.56*	
		For Class 55 Rating, Add	*681.64*	
		For Class 56 Rating, Add	*904.75*	
40 05 19 00-2189	EA	10" Flanged (FxF), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,904.95	473.02
		For Class 52 Rating, Deduct	*-350.71*	
		For Class 54 Rating, Add	*486.84*	
		For Class 55 Rating, Add	*728.18*	
		For Class 56 Rating, Add	*966.34*	
40 05 19 00-2190	EA	10" Flanged (FxF), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,119.04	477.00
		For Class 52 Rating, Deduct	*-373.60*	
		For Class 54 Rating, Add	*518.12*	
		For Class 55 Rating, Add	*774.72*	
		For Class 56 Rating, Add	*1,027.93*	
40 05 19 00-2191	EA	10" Flanged (FxF), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,333.11	480.97
		For Class 52 Rating, Deduct	*-396.48*	
		For Class 54 Rating, Add	*549.40*	
		For Class 55 Rating, Add	*821.26*	
		For Class 56 Rating, Add	*1,089.52*	
40 05 19 00-2192	EA	10" Flanged (FxF), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,547.19	484.94
		For Class 52 Rating, Deduct	*-419.37*	
		For Class 54 Rating, Add	*580.68*	
		For Class 55 Rating, Add	*867.80*	
		For Class 56 Rating, Add	*1,151.12*	
40 05 19 00-2193	EA	10" Flanged (FxF), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,761.26	488.92
		For Class 52 Rating, Deduct	*-442.25*	
		For Class 54 Rating, Add	*611.96*	
		For Class 55 Rating, Add	*914.34*	
		For Class 56 Rating, Add	*1,212.71*	
40 05 19 00-2194	EA	10" Flanged (FxF), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,975.35	492.89
		For Class 52 Rating, Deduct	*-465.14*	
		For Class 54 Rating, Add	*643.24*	
		For Class 55 Rating, Add	*960.89*	
		For Class 56 Rating, Add	*1,274.30*	
40 05 19 00-2195	EA	10" Flanged (FxF), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,189.41	496.87
		For Class 52 Rating, Deduct	*-488.02*	
		For Class 54 Rating, Add	*674.52*	
		For Class 55 Rating, Add	*1,007.43*	
		For Class 56 Rating, Add	*1,335.89*	
40 05 19 00-2196	EA	10" Flanged (FxF), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,403.48	500.85
		For Class 52 Rating, Deduct	*-510.91*	
		For Class 54 Rating, Add	*705.80*	
		For Class 55 Rating, Add	*1,053.96*	
		For Class 56 Rating, Add	*1,397.48*	
40 05 19 00-2197	EA	10" Flanged (FxF), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,617.56	504.82
		For Class 52 Rating, Deduct	*-533.79*	
		For Class 54 Rating, Add	*737.08*	
		For Class 55 Rating, Add	*1,100.50*	
		For Class 56 Rating, Add	*1,459.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2198	EA	10" Flanged (FxF), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,831.64	508.80
		For Class 52 Rating, Deduct	*-556.68*	
		For Class 54 Rating, Add	*768.36*	
		For Class 55 Rating, Add	*1,147.05*	
		For Class 56 Rating, Add	*1,520.67*	
40 05 19 00-2199	EA	10" Flanged (FxF), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,045.72	512.77
		For Class 52 Rating, Deduct	*-579.57*	
		For Class 54 Rating, Add	*799.64*	
		For Class 55 Rating, Add	*1,193.59*	
		For Class 56 Rating, Add	*1,582.26*	
40 05 19 00-2200	EA	10" Flanged (FxF), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,259.78	516.74
		For Class 52 Rating, Deduct	*-602.45*	
		For Class 54 Rating, Add	*830.92*	
		For Class 55 Rating, Add	*1,240.13*	
		For Class 56 Rating, Add	*1,643.85*	
40 05 19 00-2201	EA	10" Flanged (FxF), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,473.86	520.72
		For Class 52 Rating, Deduct	*-625.34*	
		For Class 54 Rating, Add	*862.20*	
		For Class 55 Rating, Add	*1,286.67*	
		For Class 56 Rating, Add	*1,705.45*	
40 05 19 00-2202	EA	10" Flanged (FxF), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,687.94	524.70
		For Class 52 Rating, Deduct	*-648.22*	
		For Class 54 Rating, Add	*893.48*	
		For Class 55 Rating, Add	*1,333.21*	
		For Class 56 Rating, Add	*1,767.04*	
40 05 19 00-2203	EA	10" Flanged (FxF), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,902.02	528.67
		For Class 52 Rating, Deduct	*-671.11*	
		For Class 54 Rating, Add	*924.76*	
		For Class 55 Rating, Add	*1,379.75*	
		For Class 56 Rating, Add	*1,828.63*	
40 05 19 00-2204	EA	10" Flanged (FxF), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,116.09	532.65
		For Class 52 Rating, Deduct	*-694.00*	
		For Class 54 Rating, Add	*956.04*	
		For Class 55 Rating, Add	*1,426.29*	
		For Class 56 Rating, Add	*1,890.22*	
40 05 19 00-2205	EA	10" Flanged (FxF), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,330.17	536.62
		For Class 52 Rating, Deduct	*-716.88*	
		For Class 54 Rating, Add	*987.32*	
		For Class 55 Rating, Add	*1,472.83*	
		For Class 56 Rating, Add	*1,951.82*	
40 05 19 00-2206	EA	10" Flanged (FxF), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,544.24	540.59
		For Class 52 Rating, Deduct	*-739.77*	
		For Class 54 Rating, Add	*1,018.60*	
		For Class 55 Rating, Add	*1,519.37*	
		For Class 56 Rating, Add	*2,013.41*	
40 05 19 00-2207	EA	10" Flanged (FxF), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,758.31	544.57
		For Class 52 Rating, Deduct	*-762.65*	
		For Class 54 Rating, Add	*1,049.88*	
		For Class 55 Rating, Add	*1,565.91*	
		For Class 56 Rating, Add	*2,075.00*	
40 05 19 00-2208	EA	10" Flanged (FxF), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,972.39	548.54
		For Class 52 Rating, Deduct	*-785.54*	
		For Class 54 Rating, Add	*1,081.16*	
		For Class 55 Rating, Add	*1,612.45*	
		For Class 56 Rating, Add	*2,136.59*	
40 05 19 00-2209	EA	10" Flanged (FxF), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,186.46	552.52
		For Class 52 Rating, Deduct	*-808.42*	
		For Class 54 Rating, Add	*1,112.44*	
		For Class 55 Rating, Add	*1,658.99*	
		For Class 56 Rating, Add	*2,198.18*	
40 05 19 00-2210	EA	10" Flanged (FxF), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,400.55	556.50
		For Class 52 Rating, Deduct	*-831.31*	
		For Class 54 Rating, Add	*1,143.72*	
		For Class 55 Rating, Add	*1,705.53*	
		For Class 56 Rating, Add	*2,259.78*	
40 05 19 00-2211	EA	10" Flanged (FxF), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,614.61	560.47
		For Class 52 Rating, Deduct	*-854.20*	
		For Class 54 Rating, Add	*1,175.00*	
		For Class 55 Rating, Add	*1,752.07*	
		For Class 56 Rating, Add	*2,321.37*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2212	EA	10" Flanged (FxF), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,828.69	564.45
		For Class 52 Rating, Deduct	*-877.08*	
		For Class 54 Rating, Add	*1,206.28*	
		For Class 55 Rating, Add	*1,798.61*	
		For Class 56 Rating, Add	*2,382.96*	
40 05 19 00-2213	EA	10" Flanged (FxF), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,042.76	568.42
		For Class 52 Rating, Deduct	*-899.97*	
		For Class 54 Rating, Add	*1,237.56*	
		For Class 55 Rating, Add	*1,845.15*	
		For Class 56 Rating, Add	*2,444.55*	
40 05 19 00-2214	EA	10" Flanged (FxF), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,256.85	572.39
		For Class 52 Rating, Deduct	*-922.85*	
		For Class 54 Rating, Add	*1,268.84*	
		For Class 55 Rating, Add	*1,891.69*	
		For Class 56 Rating, Add	*2,506.15*	
40 05 19 00-2215	EA	10" Flanged (FxF), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,470.92	576.37
		For Class 52 Rating, Deduct	*-945.74*	
		For Class 54 Rating, Add	*1,300.12*	
		For Class 55 Rating, Add	*1,938.23*	
		For Class 56 Rating, Add	*2,567.74*	
40 05 19 00-2216	EA	10" Flanged (FxF), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,684.99	580.34
		For Class 52 Rating, Deduct	*-968.62*	
		For Class 54 Rating, Add	*1,331.40*	
		For Class 55 Rating, Add	*1,984.77*	
		For Class 56 Rating, Add	*2,629.33*	
40 05 19 00-2217	EA	10" Flanged (FxF), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,899.06	584.32
		For Class 52 Rating, Deduct	*-991.51*	
		For Class 54 Rating, Add	*1,362.68*	
		For Class 55 Rating, Add	*2,031.31*	
		For Class 56 Rating, Add	*2,690.92*	
40 05 19 00-2218	EA	10" Flanged (FxF), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,113.14	588.30
		For Class 52 Rating, Deduct	*-1,014.40*	
		For Class 54 Rating, Add	*1,393.96*	
		For Class 55 Rating, Add	*2,077.85*	
		For Class 56 Rating, Add	*2,752.52*	
40 05 19 00-2219	EA	10" Flanged (FxF), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,327.22	592.27
		For Class 52 Rating, Deduct	*-1,037.28*	
		For Class 54 Rating, Add	*1,425.24*	
		For Class 55 Rating, Add	*2,124.39*	
		For Class 56 Rating, Add	*2,814.11*	
40 05 19 00-2220	EA	10" Flanged (FxF), 20'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,541.29	596.24
		For Class 52 Rating, Deduct	*-1,060.17*	
		For Class 54 Rating, Add	*1,456.52*	
		For Class 55 Rating, Add	*2,170.93*	
		For Class 56 Rating, Add	*2,875.70*	

40 05 19 00-2221 12" Flanged End (FxF), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-2060)*

40 05 19 00-2222	EA	12" Flanged (FxF), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,148.63	556.50
		For Class 52 Rating, Deduct	*-253.60*	
		For Class 54 Rating, Add	*355.94*	
		For Class 55 Rating, Add	*534.35*	
		For Class 56 Rating, Add	*710.46*	
40 05 19 00-2223	EA	12" Flanged (FxF), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,413.30	560.47
		For Class 52 Rating, Deduct	*-282.05*	
		For Class 54 Rating, Add	*394.81*	
		For Class 55 Rating, Add	*592.18*	
		For Class 56 Rating, Add	*786.98*	
40 05 19 00-2224	EA	12" Flanged (FxF), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,677.99	564.45
		For Class 52 Rating, Deduct	*-310.50*	
		For Class 54 Rating, Add	*433.68*	
		For Class 55 Rating, Add	*650.00*	
		For Class 56 Rating, Add	*863.51*	
40 05 19 00-2225	EA	12" Flanged (FxF), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,942.67	568.42
		For Class 52 Rating, Deduct	*-338.96*	
		For Class 54 Rating, Add	*472.55*	
		For Class 55 Rating, Add	*707.83*	
		For Class 56 Rating, Add	*940.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2226	EA	12" Flanged (FxF), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,207.36	572.39
		For Class 52 Rating, Deduct	*-367.41*	
		For Class 54 Rating, Add	*511.42*	
		For Class 55 Rating, Add	*765.65*	
		For Class 56 Rating, Add	*1,016.55*	
40 05 19 00-2227	EA	12" Flanged (FxF), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,472.04	576.37
		For Class 52 Rating, Deduct	*-395.86*	
		For Class 54 Rating, Add	*550.29*	
		For Class 55 Rating, Add	*823.48*	
		For Class 56 Rating, Add	*1,093.07*	
40 05 19 00-2228	EA	12" Flanged (FxF), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,736.72	580.34
		For Class 52 Rating, Deduct	*-424.32*	
		For Class 54 Rating, Add	*589.16*	
		For Class 55 Rating, Add	*881.31*	
		For Class 56 Rating, Add	*1,169.59*	
40 05 19 00-2229	EA	12" Flanged (FxF), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,001.40	584.32
		For Class 52 Rating, Deduct	*-452.77*	
		For Class 54 Rating, Add	*628.03*	
		For Class 55 Rating, Add	*939.13*	
		For Class 56 Rating, Add	*1,246.11*	
40 05 19 00-2230	EA	12" Flanged (FxF), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,266.08	588.30
		For Class 52 Rating, Deduct	*-481.22*	
		For Class 54 Rating, Add	*666.91*	
		For Class 55 Rating, Add	*996.96*	
		For Class 56 Rating, Add	*1,322.63*	
40 05 19 00-2231	EA	12" Flanged (FxF), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,530.76	592.27
		For Class 52 Rating, Deduct	*-509.67*	
		For Class 54 Rating, Add	*705.78*	
		For Class 55 Rating, Add	*1,054.78*	
		For Class 56 Rating, Add	*1,399.15*	
40 05 19 00-2232	EA	12" Flanged (FxF), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,795.44	596.24
		For Class 52 Rating, Deduct	*-538.12*	
		For Class 54 Rating, Add	*744.65*	
		For Class 55 Rating, Add	*1,112.61*	
		For Class 56 Rating, Add	*1,475.67*	
40 05 19 00-2233	EA	12" Flanged (FxF), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,060.13	600.22
		For Class 52 Rating, Deduct	*-566.58*	
		For Class 54 Rating, Add	*783.52*	
		For Class 55 Rating, Add	*1,170.43*	
		For Class 56 Rating, Add	*1,552.20*	
40 05 19 00-2234	EA	12" Flanged (FxF), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,324.80	604.19
		For Class 52 Rating, Deduct	*-595.03*	
		For Class 54 Rating, Add	*822.39*	
		For Class 55 Rating, Add	*1,228.26*	
		For Class 56 Rating, Add	*1,628.72*	
40 05 19 00-2235	EA	12" Flanged (FxF), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,589.49	608.16
		For Class 52 Rating, Deduct	*-623.48*	
		For Class 54 Rating, Add	*861.26*	
		For Class 55 Rating, Add	*1,286.08*	
		For Class 56 Rating, Add	*1,705.24*	
40 05 19 00-2236	EA	12" Flanged (FxF), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,854.17	612.15
		For Class 52 Rating, Deduct	*-651.93*	
		For Class 54 Rating, Add	*900.13*	
		For Class 55 Rating, Add	*1,343.91*	
		For Class 56 Rating, Add	*1,781.76*	
40 05 19 00-2237	EA	12" Flanged (FxF), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,118.85	616.12
		For Class 52 Rating, Deduct	*-680.39*	
		For Class 54 Rating, Add	*939.00*	
		For Class 55 Rating, Add	*1,401.74*	
		For Class 56 Rating, Add	*1,858.28*	
40 05 19 00-2238	EA	12" Flanged (FxF), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,383.54	620.10
		For Class 52 Rating, Deduct	*-708.84*	
		For Class 54 Rating, Add	*977.87*	
		For Class 55 Rating, Add	*1,459.56*	
		For Class 56 Rating, Add	*1,934.80*	
40 05 19 00-2239	EA	12" Flanged (FxF), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,648.22	624.07
		For Class 52 Rating, Deduct	*-737.29*	
		For Class 54 Rating, Add	*1,016.75*	
		For Class 55 Rating, Add	*1,517.39*	
		For Class 56 Rating, Add	*2,011.32*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2240	EA	12" Flanged (FxF), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,912.90	628.04
		For Class 52 Rating, Deduct	*-765.75*	
		For Class 54 Rating, Add	*1,055.62*	
		For Class 55 Rating, Add	*1,575.21*	
		For Class 56 Rating, Add	*2,087.85*	
40 05 19 00-2241	EA	12" Flanged (FxF), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,177.58	632.02
		For Class 52 Rating, Deduct	*-794.20*	
		For Class 54 Rating, Add	*1,094.49*	
		For Class 55 Rating, Add	*1,633.04*	
		For Class 56 Rating, Add	*2,164.37*	
40 05 19 00-2242	EA	12" Flanged (FxF), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,442.27	635.99
		For Class 52 Rating, Deduct	*-822.65*	
		For Class 54 Rating, Add	*1,133.36*	
		For Class 55 Rating, Add	*1,690.86*	
		For Class 56 Rating, Add	*2,240.89*	
40 05 19 00-2243	EA	12" Flanged (FxF), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,706.95	639.97
		For Class 52 Rating, Deduct	*-851.10*	
		For Class 54 Rating, Add	*1,172.23*	
		For Class 55 Rating, Add	*1,748.69*	
		For Class 56 Rating, Add	*2,317.41*	
40 05 19 00-2244	EA	12" Flanged (FxF), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,971.64	643.95
		For Class 52 Rating, Deduct	*-879.56*	
		For Class 54 Rating, Add	*1,211.10*	
		For Class 55 Rating, Add	*1,806.52*	
		For Class 56 Rating, Add	*2,393.93*	
40 05 19 00-2245	EA	12" Flanged (FxF), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,236.31	647.92
		For Class 52 Rating, Deduct	*-908.01*	
		For Class 54 Rating, Add	*1,249.97*	
		For Class 55 Rating, Add	*1,864.34*	
		For Class 56 Rating, Add	*2,470.45*	
40 05 19 00-2246	EA	12" Flanged (FxF), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,498.19	651.89
		For Class 52 Rating, Deduct	*-936.15*	
		For Class 54 Rating, Add	*1,288.42*	
		For Class 55 Rating, Add	*1,921.54*	
		For Class 56 Rating, Add	*2,546.15*	
40 05 19 00-2247	EA	12" Flanged (FxF), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,765.68	655.87
		For Class 52 Rating, Deduct	*-964.91*	
		For Class 54 Rating, Add	*1,327.72*	
		For Class 55 Rating, Add	*1,979.99*	
		For Class 56 Rating, Add	*2,623.50*	
40 05 19 00-2248	EA	12" Flanged (FxF), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,030.36	659.84
		For Class 52 Rating, Deduct	*-993.37*	
		For Class 54 Rating, Add	*1,366.59*	
		For Class 55 Rating, Add	*2,037.82*	
		For Class 56 Rating, Add	*2,700.02*	
40 05 19 00-2249	EA	12" Flanged (FxF), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,295.05	663.81
		For Class 52 Rating, Deduct	*-1,021.82*	
		For Class 54 Rating, Add	*1,405.46*	
		For Class 55 Rating, Add	*2,095.64*	
		For Class 56 Rating, Add	*2,776.54*	
40 05 19 00-2250	EA	12" Flanged (FxF), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,559.73	667.80
		For Class 52 Rating, Deduct	*-1,050.27*	
		For Class 54 Rating, Add	*1,444.33*	
		For Class 55 Rating, Add	*2,153.47*	
		For Class 56 Rating, Add	*2,853.06*	
40 05 19 00-2251	EA	12" Flanged (FxF), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,824.41	671.77
		For Class 52 Rating, Deduct	*-1,078.72*	
		For Class 54 Rating, Add	*1,483.20*	
		For Class 55 Rating, Add	*2,211.30*	
		For Class 56 Rating, Add	*2,929.58*	
40 05 19 00-2252	EA	12" Flanged (FxF), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,089.09	675.75
		For Class 52 Rating, Deduct	*-1,107.18*	
		For Class 54 Rating, Add	*1,522.07*	
		For Class 55 Rating, Add	*2,269.12*	
		For Class 56 Rating, Add	*3,006.10*	
40 05 19 00-2253	EA	12" Flanged (FxF), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,353.78	679.72
		For Class 52 Rating, Deduct	*-1,135.63*	
		For Class 54 Rating, Add	*1,560.94*	
		For Class 55 Rating, Add	*2,326.95*	
		For Class 56 Rating, Add	*3,082.63*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2254	EA	12" Flanged (FxF), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,618.46	683.69
		For Class 52 Rating, Deduct	*-1,164.08*	
		For Class 54 Rating, Add	*1,599.81*	
		For Class 55 Rating, Add	*2,384.77*	
		For Class 56 Rating, Add	*3,159.15*	
40 05 19 00-2255	EA	12" Flanged (FxF), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,883.15	687.67
		For Class 52 Rating, Deduct	*-1,192.53*	
		For Class 54 Rating, Add	*1,638.69*	
		For Class 55 Rating, Add	*2,442.60*	
		For Class 56 Rating, Add	*3,235.67*	
40 05 19 00-2256	EA	12" Flanged (FxF), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,147.82	691.64
		For Class 52 Rating, Deduct	*-1,220.99*	
		For Class 54 Rating, Add	*1,677.56*	
		For Class 55 Rating, Add	*2,500.42*	
		For Class 56 Rating, Add	*3,312.19*	
40 05 19 00-2257	EA	12" Flanged (FxF), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,412.50	695.62
		For Class 52 Rating, Deduct	*-1,249.44*	
		For Class 54 Rating, Add	*1,716.43*	
		For Class 55 Rating, Add	*2,558.25*	
		For Class 56 Rating, Add	*3,388.71*	
40 05 19 00-2258	EA	12" Flanged (FxF), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,677.19	699.60
		For Class 52 Rating, Deduct	*-1,277.89*	
		For Class 54 Rating, Add	*1,755.30*	
		For Class 55 Rating, Add	*2,616.08*	
		For Class 56 Rating, Add	*3,465.23*	
40 05 19 00-2259	EA	12" Flanged (FxF), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,941.87	703.57
		For Class 52 Rating, Deduct	*-1,306.34*	
		For Class 54 Rating, Add	*1,794.17*	
		For Class 55 Rating, Add	*2,673.90*	
		For Class 56 Rating, Add	*3,541.76*	
40 05 19 00-2260	EA	12" Flanged (FxF), 20'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,206.56	707.54
		For Class 52 Rating, Deduct	*-1,334.80*	
		For Class 54 Rating, Add	*1,833.04*	
		For Class 55 Rating, Add	*2,731.73*	
		For Class 56 Rating, Add	*3,618.28*	

40 05 19 00-2261 14" Flanged End (FxF), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-2060)*

40 05 19 00-2262	EA	14" Flanged (FxF), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,219.75	667.80
		For Class 52 Rating, Deduct	*-352.87*	
		For Class 54 Rating, Add	*493.33*	
		For Class 55 Rating, Add	*739.65*	
		For Class 56 Rating, Add	*982.77*	
40 05 19 00-2263	EA	14" Flanged (FxF), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,540.66	671.77
		For Class 52 Rating, Deduct	*-387.51*	
		For Class 54 Rating, Add	*540.64*	
		For Class 55 Rating, Add	*810.02*	
		For Class 56 Rating, Add	*1,075.88*	
40 05 19 00-2264	EA	14" Flanged (FxF), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,861.57	675.75
		For Class 52 Rating, Deduct	*-422.15*	
		For Class 54 Rating, Add	*587.94*	
		For Class 55 Rating, Add	*880.38*	
		For Class 56 Rating, Add	*1,168.99*	
40 05 19 00-2265	EA	14" Flanged (FxF), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,182.50	679.72
		For Class 52 Rating, Deduct	*-456.79*	
		For Class 54 Rating, Add	*635.25*	
		For Class 55 Rating, Add	*950.75*	
		For Class 56 Rating, Add	*1,262.10*	
40 05 19 00-2266	EA	14" Flanged (FxF), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,503.41	683.69
		For Class 52 Rating, Deduct	*-491.43*	
		For Class 54 Rating, Add	*682.56*	
		For Class 55 Rating, Add	*1,021.12*	
		For Class 56 Rating, Add	*1,355.21*	
40 05 19 00-2267	EA	14" Flanged (FxF), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,824.33	687.67
		For Class 52 Rating, Deduct	*-526.06*	
		For Class 54 Rating, Add	*729.86*	
		For Class 55 Rating, Add	*1,091.48*	
		For Class 56 Rating, Add	*1,448.32*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2268	EA	14" Flanged (FxF), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,145.23	691.64
		For Class 52 Rating, Deduct	*-560.70*	
		For Class 54 Rating, Add	*777.17*	
		For Class 55 Rating, Add	*1,161.85*	
		For Class 56 Rating, Add	*1,541.43*	
40 05 19 00-2269	EA	14" Flanged (FxF), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,466.14	695.62
		For Class 52 Rating, Deduct	*-595.34*	
		For Class 54 Rating, Add	*824.47*	
		For Class 55 Rating, Add	*1,232.21*	
		For Class 56 Rating, Add	*1,634.54*	
40 05 19 00-2270	EA	14" Flanged (FxF), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,787.06	699.60
		For Class 52 Rating, Deduct	*-629.98*	
		For Class 54 Rating, Add	*871.78*	
		For Class 55 Rating, Add	*1,302.58*	
		For Class 56 Rating, Add	*1,727.65*	
40 05 19 00-2271	EA	14" Flanged (FxF), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,107.97	703.57
		For Class 52 Rating, Deduct	*-664.62*	
		For Class 54 Rating, Add	*919.09*	
		For Class 55 Rating, Add	*1,372.94*	
		For Class 56 Rating, Add	*1,820.75*	
40 05 19 00-2272	EA	14" Flanged (FxF), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,428.89	707.54
		For Class 52 Rating, Deduct	*-699.25*	
		For Class 54 Rating, Add	*966.39*	
		For Class 55 Rating, Add	*1,443.31*	
		For Class 56 Rating, Add	*1,913.86*	
40 05 19 00-2273	EA	14" Flanged (FxF), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,749.80	711.52
		For Class 52 Rating, Deduct	*-733.89*	
		For Class 54 Rating, Add	*1,013.70*	
		For Class 55 Rating, Add	*1,513.67*	
		For Class 56 Rating, Add	*2,006.97*	
40 05 19 00-2274	EA	14" Flanged (FxF), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,070.71	715.49
		For Class 52 Rating, Deduct	*-768.53*	
		For Class 54 Rating, Add	*1,061.00*	
		For Class 55 Rating, Add	*1,584.04*	
		For Class 56 Rating, Add	*2,100.08*	
40 05 19 00-2275	EA	14" Flanged (FxF), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,391.62	719.46
		For Class 52 Rating, Deduct	*-803.17*	
		For Class 54 Rating, Add	*1,108.31*	
		For Class 55 Rating, Add	*1,654.40*	
		For Class 56 Rating, Add	*2,193.19*	
40 05 19 00-2276	EA	14" Flanged (FxF), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,712.54	723.45
		For Class 52 Rating, Deduct	*-837.81*	
		For Class 54 Rating, Add	*1,155.62*	
		For Class 55 Rating, Add	*1,724.77*	
		For Class 56 Rating, Add	*2,286.30*	
40 05 19 00-2277	EA	14" Flanged (FxF), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,033.45	727.42
		For Class 52 Rating, Deduct	*-872.44*	
		For Class 54 Rating, Add	*1,202.92*	
		For Class 55 Rating, Add	*1,795.13*	
		For Class 56 Rating, Add	*2,379.41*	
40 05 19 00-2278	EA	14" Flanged (FxF), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,354.36	731.39
		For Class 52 Rating, Deduct	*-907.08*	
		For Class 54 Rating, Add	*1,250.23*	
		For Class 55 Rating, Add	*1,865.50*	
		For Class 56 Rating, Add	*2,472.52*	
40 05 19 00-2279	EA	14" Flanged (FxF), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,675.27	735.37
		For Class 52 Rating, Deduct	*-941.72*	
		For Class 54 Rating, Add	*1,297.53*	
		For Class 55 Rating, Add	*1,935.86*	
		For Class 56 Rating, Add	*2,565.63*	
40 05 19 00-2280	EA	14" Flanged (FxF), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,996.18	739.34
		For Class 52 Rating, Deduct	*-976.36*	
		For Class 54 Rating, Add	*1,344.84*	
		For Class 55 Rating, Add	*2,006.23*	
		For Class 56 Rating, Add	*2,658.74*	
40 05 19 00-2281	EA	14" Flanged (FxF), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,317.10	743.32
		For Class 52 Rating, Deduct	*-1,010.99*	
		For Class 54 Rating, Add	*1,392.14*	
		For Class 55 Rating, Add	*2,076.59*	
		For Class 56 Rating, Add	*2,751.85*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2282	EA	14" Flanged (FxF), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,638.01	747.29
		For Class 52 Rating, Deduct	*-1,045.63*	
		For Class 54 Rating, Add	*1,439.45*	
		For Class 55 Rating, Add	*2,146.96*	
		For Class 56 Rating, Add	*2,844.96*	
40 05 19 00-2283	EA	14" Flanged (FxF), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,958.93	751.27
		For Class 52 Rating, Deduct	*-1,080.27*	
		For Class 54 Rating, Add	*1,486.76*	
		For Class 55 Rating, Add	*2,217.32*	
		For Class 56 Rating, Add	*2,938.07*	
40 05 19 00-2284	EA	14" Flanged (FxF), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,279.84	755.25
		For Class 52 Rating, Deduct	*-1,114.91*	
		For Class 54 Rating, Add	*1,534.06*	
		For Class 55 Rating, Add	*2,287.69*	
		For Class 56 Rating, Add	*3,031.18*	
40 05 19 00-2285	EA	14" Flanged (FxF), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,600.75	759.22
		For Class 52 Rating, Deduct	*-1,149.55*	
		For Class 54 Rating, Add	*1,581.37*	
		For Class 55 Rating, Add	*2,358.05*	
		For Class 56 Rating, Add	*3,124.29*	
40 05 19 00-2286	EA	14" Flanged (FxF), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,921.66	763.19
		For Class 52 Rating, Deduct	*-1,184.18*	
		For Class 54 Rating, Add	*1,628.67*	
		For Class 55 Rating, Add	*2,428.42*	
		For Class 56 Rating, Add	*3,217.40*	
40 05 19 00-2287	EA	14" Flanged (FxF), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,242.58	767.17
		For Class 52 Rating, Deduct	*-1,218.82*	
		For Class 54 Rating, Add	*1,675.98*	
		For Class 55 Rating, Add	*2,498.78*	
		For Class 56 Rating, Add	*3,310.50*	
40 05 19 00-2288	EA	14" Flanged (FxF), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,563.49	771.14
		For Class 52 Rating, Deduct	*-1,253.46*	
		For Class 54 Rating, Add	*1,723.28*	
		For Class 55 Rating, Add	*2,569.15*	
		For Class 56 Rating, Add	*3,403.61*	
40 05 19 00-2289	EA	14" Flanged (FxF), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,884.40	775.11
		For Class 52 Rating, Deduct	*-1,288.10*	
		For Class 54 Rating, Add	*1,770.59*	
		For Class 55 Rating, Add	*2,639.51*	
		For Class 56 Rating, Add	*3,496.72*	
40 05 19 00-2290	EA	14" Flanged (FxF), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,205.31	779.10
		For Class 52 Rating, Deduct	*-1,322.74*	
		For Class 54 Rating, Add	*1,817.90*	
		For Class 55 Rating, Add	*2,709.88*	
		For Class 56 Rating, Add	*3,589.83*	
40 05 19 00-2291	EA	14" Flanged (FxF), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,526.22	783.07
		For Class 52 Rating, Deduct	*-1,357.37*	
		For Class 54 Rating, Add	*1,865.20*	
		For Class 55 Rating, Add	*2,780.24*	
		For Class 56 Rating, Add	*3,682.94*	
40 05 19 00-2292	EA	14" Flanged (FxF), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,847.14	787.04
		For Class 52 Rating, Deduct	*-1,392.01*	
		For Class 54 Rating, Add	*1,912.51*	
		For Class 55 Rating, Add	*2,850.61*	
		For Class 56 Rating, Add	*3,776.05*	
40 05 19 00-2293	EA	14" Flanged (FxF), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,168.05	791.02
		For Class 52 Rating, Deduct	*-1,426.65*	
		For Class 54 Rating, Add	*1,959.81*	
		For Class 55 Rating, Add	*2,920.97*	
		For Class 56 Rating, Add	*3,869.16*	
40 05 19 00-2294	EA	14" Flanged (FxF), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,488.97	794.99
		For Class 52 Rating, Deduct	*-1,461.29*	
		For Class 54 Rating, Add	*2,007.12*	
		For Class 55 Rating, Add	*2,991.34*	
		For Class 56 Rating, Add	*3,962.27*	
40 05 19 00-2295	EA	14" Flanged (FxF), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,809.88	798.97
		For Class 52 Rating, Deduct	*-1,495.93*	
		For Class 54 Rating, Add	*2,054.42*	
		For Class 55 Rating, Add	*3,061.70*	
		For Class 56 Rating, Add	*4,055.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2296	EA	14" Flanged (FxF), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,130.79	802.94
		For Class 52 Rating, Deduct	*-1,530.56*	
		For Class 54 Rating, Add	*2,101.73*	
		For Class 55 Rating, Add	*3,132.07*	
		For Class 56 Rating, Add	*4,148.49*	
40 05 19 00-2297	EA	14" Flanged (FxF), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,451.70	806.91
		For Class 52 Rating, Deduct	*-1,565.20*	
		For Class 54 Rating, Add	*2,149.04*	
		For Class 55 Rating, Add	*3,202.43*	
		For Class 56 Rating, Add	*4,241.60*	
40 05 19 00-2298	EA	14" Flanged (FxF), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,772.61	810.90
		For Class 52 Rating, Deduct	*-1,599.84*	
		For Class 54 Rating, Add	*2,196.34*	
		For Class 55 Rating, Add	*3,272.80*	
		For Class 56 Rating, Add	*4,334.71*	
40 05 19 00-2299	EA	14" Flanged (FxF), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,093.53	814.87
		For Class 52 Rating, Deduct	*-1,634.48*	
		For Class 54 Rating, Add	*2,243.65*	
		For Class 55 Rating, Add	*3,343.16*	
		For Class 56 Rating, Add	*4,427.82*	

40 05 19 00-2300 16" Flanged End (FxF), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-2060)*

40 05 19 00-2301	EA	16" Flanged (FxF), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,951.90	763.19
		For Class 52 Rating, Deduct	*-417.51*	
		For Class 54 Rating, Add	*583.21*	
		For Class 55 Rating, Add	*874.16*	
		For Class 56 Rating, Add	*1,161.32*	
40 05 19 00-2302	EA	16" Flanged (FxF), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,323.43	767.17
		For Class 52 Rating, Deduct	*-457.72*	
		For Class 54 Rating, Add	*638.11*	
		For Class 55 Rating, Add	*955.81*	
		For Class 56 Rating, Add	*1,269.36*	
40 05 19 00-2303	EA	16" Flanged (FxF), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,694.95	771.14
		For Class 52 Rating, Deduct	*-497.92*	
		For Class 54 Rating, Add	*693.00*	
		For Class 55 Rating, Add	*1,037.46*	
		For Class 56 Rating, Add	*1,377.39*	
40 05 19 00-2304	EA	16" Flanged (FxF), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,066.46	775.11
		For Class 52 Rating, Deduct	*-538.12*	
		For Class 54 Rating, Add	*747.90*	
		For Class 55 Rating, Add	*1,119.11*	
		For Class 56 Rating, Add	*1,485.43*	
40 05 19 00-2305	EA	16" Flanged (FxF), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,437.98	779.10
		For Class 52 Rating, Deduct	*-578.33*	
		For Class 54 Rating, Add	*802.80*	
		For Class 55 Rating, Add	*1,200.76*	
		For Class 56 Rating, Add	*1,593.47*	
40 05 19 00-2306	EA	16" Flanged (FxF), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,809.50	783.07
		For Class 52 Rating, Deduct	*-618.53*	
		For Class 54 Rating, Add	*857.69*	
		For Class 55 Rating, Add	*1,282.41*	
		For Class 56 Rating, Add	*1,701.51*	
40 05 19 00-2307	EA	16" Flanged (FxF), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,181.03	787.04
		For Class 52 Rating, Deduct	*-658.74*	
		For Class 54 Rating, Add	*912.59*	
		For Class 55 Rating, Add	*1,364.06*	
		For Class 56 Rating, Add	*1,809.55*	
40 05 19 00-2308	EA	16" Flanged (FxF), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,552.55	791.02
		For Class 52 Rating, Deduct	*-698.94*	
		For Class 54 Rating, Add	*967.49*	
		For Class 55 Rating, Add	*1,445.72*	
		For Class 56 Rating, Add	*1,917.59*	
40 05 19 00-2309	EA	16" Flanged (FxF), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,924.07	794.99
		For Class 52 Rating, Deduct	*-739.15*	
		For Class 54 Rating, Add	*1,022.38*	
		For Class 55 Rating, Add	*1,527.36*	
		For Class 56 Rating, Add	*2,025.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2310	EA	16" Flanged (FxF), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,295.59	798.97
		For Class 52 Rating, Deduct	*-779.35*	
		For Class 54 Rating, Add	*1,077.28*	
		For Class 55 Rating, Add	*1,609.02*	
		For Class 56 Rating, Add	*2,133.66*	
40 05 19 00-2311	EA	16" Flanged (FxF), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,667.11	802.94
		For Class 52 Rating, Deduct	*-819.56*	
		For Class 54 Rating, Add	*1,132.18*	
		For Class 55 Rating, Add	*1,690.67*	
		For Class 56 Rating, Add	*2,241.70*	
40 05 19 00-2312	EA	16" Flanged (FxF), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,038.63	806.91
		For Class 52 Rating, Deduct	*-859.76*	
		For Class 54 Rating, Add	*1,187.08*	
		For Class 55 Rating, Add	*1,772.32*	
		For Class 56 Rating, Add	*2,349.74*	
40 05 19 00-2313	EA	16" Flanged (FxF), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,410.14	810.90
		For Class 52 Rating, Deduct	*-899.97*	
		For Class 54 Rating, Add	*1,241.97*	
		For Class 55 Rating, Add	*1,853.97*	
		For Class 56 Rating, Add	*2,457.78*	
40 05 19 00-2314	EA	16" Flanged (FxF), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,781.67	814.87
		For Class 52 Rating, Deduct	*-940.17*	
		For Class 54 Rating, Add	*1,296.87*	
		For Class 55 Rating, Add	*1,935.62*	
		For Class 56 Rating, Add	*2,565.82*	
40 05 19 00-2315	EA	16" Flanged (FxF), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,153.19	818.84
		For Class 52 Rating, Deduct	*-980.38*	
		For Class 54 Rating, Add	*1,351.77*	
		For Class 55 Rating, Add	*2,017.27*	
		For Class 56 Rating, Add	*2,673.86*	
40 05 19 00-2316	EA	16" Flanged (FxF), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,524.71	822.82
		For Class 52 Rating, Deduct	*-1,020.58*	
		For Class 54 Rating, Add	*1,406.66*	
		For Class 55 Rating, Add	*2,098.92*	
		For Class 56 Rating, Add	*2,781.90*	
40 05 19 00-2317	EA	16" Flanged (FxF), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,896.22	826.79
		For Class 52 Rating, Deduct	*-1,060.79*	
		For Class 54 Rating, Add	*1,461.56*	
		For Class 55 Rating, Add	*2,180.57*	
		For Class 56 Rating, Add	*2,889.93*	
40 05 19 00-2318	EA	16" Flanged (FxF), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,267.75	830.76
		For Class 52 Rating, Deduct	*-1,100.99*	
		For Class 54 Rating, Add	*1,516.46*	
		For Class 55 Rating, Add	*2,262.22*	
		For Class 56 Rating, Add	*2,997.97*	
40 05 19 00-2319	EA	16" Flanged (FxF), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,639.27	834.74
		For Class 52 Rating, Deduct	*-1,141.20*	
		For Class 54 Rating, Add	*1,571.35*	
		For Class 55 Rating, Add	*2,343.87*	
		For Class 56 Rating, Add	*3,106.01*	
40 05 19 00-2320	EA	16" Flanged (FxF), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,010.80	838.72
		For Class 52 Rating, Deduct	*-1,181.40*	
		For Class 54 Rating, Add	*1,626.25*	
		For Class 55 Rating, Add	*2,425.52*	
		For Class 56 Rating, Add	*3,214.05*	
40 05 19 00-2321	EA	16" Flanged (FxF), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,382.31	842.69
		For Class 52 Rating, Deduct	*-1,221.61*	
		For Class 54 Rating, Add	*1,681.15*	
		For Class 55 Rating, Add	*2,507.17*	
		For Class 56 Rating, Add	*3,322.09*	
40 05 19 00-2322	EA	16" Flanged (FxF), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,753.82	846.67
		For Class 52 Rating, Deduct	*-1,261.81*	
		For Class 54 Rating, Add	*1,736.04*	
		For Class 55 Rating, Add	*2,588.82*	
		For Class 56 Rating, Add	*3,430.13*	
40 05 19 00-2323	EA	16" Flanged (FxF), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,125.35	850.64
		For Class 52 Rating, Deduct	*-1,302.02*	
		For Class 54 Rating, Add	*1,790.94*	
		For Class 55 Rating, Add	*2,670.47*	
		For Class 56 Rating, Add	*3,538.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2324	EA	16" Flanged (FxF), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,496.87	854.62
		For Class 52 Rating, Deduct	*-1,342.22*	
		For Class 54 Rating, Add	*1,845.84*	
		For Class 55 Rating, Add	*2,752.12*	
		For Class 56 Rating, Add	*3,646.21*	
40 05 19 00-2325	EA	16" Flanged (FxF), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,868.39	858.59
		For Class 52 Rating, Deduct	*-1,382.42*	
		For Class 54 Rating, Add	*1,900.73*	
		For Class 55 Rating, Add	*2,833.77*	
		For Class 56 Rating, Add	*3,754.24*	
40 05 19 00-2326	EA	16" Flanged (FxF), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,239.91	862.56
		For Class 52 Rating, Deduct	*-1,422.63*	
		For Class 54 Rating, Add	*1,955.63*	
		For Class 55 Rating, Add	*2,915.42*	
		For Class 56 Rating, Add	*3,862.28*	
40 05 19 00-2327	EA	16" Flanged (FxF), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,611.43	866.55
		For Class 52 Rating, Deduct	*-1,462.83*	
		For Class 54 Rating, Add	*2,010.53*	
		For Class 55 Rating, Add	*2,997.07*	
		For Class 56 Rating, Add	*3,970.32*	
40 05 19 00-2328	EA	16" Flanged (FxF), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,982.95	870.52
		For Class 52 Rating, Deduct	*-1,503.04*	
		For Class 54 Rating, Add	*2,065.43*	
		For Class 55 Rating, Add	*3,078.72*	
		For Class 56 Rating, Add	*4,078.36*	
40 05 19 00-2329	EA	16" Flanged (FxF), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,354.47	874.49
		For Class 52 Rating, Deduct	*-1,543.24*	
		For Class 54 Rating, Add	*2,120.32*	
		For Class 55 Rating, Add	*3,160.37*	
		For Class 56 Rating, Add	*4,186.40*	
40 05 19 00-2330	EA	16" Flanged (FxF), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,725.99	878.47
		For Class 52 Rating, Deduct	*-1,583.45*	
		For Class 54 Rating, Add	*2,175.22*	
		For Class 55 Rating, Add	*3,242.02*	
		For Class 56 Rating, Add	*4,294.44*	
40 05 19 00-2331	EA	16" Flanged (FxF), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,097.52	882.44
		For Class 52 Rating, Deduct	*-1,623.65*	
		For Class 54 Rating, Add	*2,230.12*	
		For Class 55 Rating, Add	*3,323.68*	
		For Class 56 Rating, Add	*4,402.48*	
40 05 19 00-2332	EA	16" Flanged (FxF), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,469.04	886.41
		For Class 52 Rating, Deduct	*-1,663.86*	
		For Class 54 Rating, Add	*2,285.01*	
		For Class 55 Rating, Add	*3,405.33*	
		For Class 56 Rating, Add	*4,510.51*	
40 05 19 00-2333	EA	16" Flanged (FxF), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,840.55	890.39
		For Class 52 Rating, Deduct	*-1,704.06*	
		For Class 54 Rating, Add	*2,339.91*	
		For Class 55 Rating, Add	*3,486.98*	
		For Class 56 Rating, Add	*4,618.55*	
40 05 19 00-2334	EA	16" Flanged (FxF), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,212.07	894.37
		For Class 52 Rating, Deduct	*-1,744.27*	
		For Class 54 Rating, Add	*2,394.81*	
		For Class 55 Rating, Add	*3,568.63*	
		For Class 56 Rating, Add	*4,726.59*	
40 05 19 00-2335	EA	16" Flanged (FxF), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,583.59	898.34
		For Class 52 Rating, Deduct	*-1,784.47*	
		For Class 54 Rating, Add	*2,449.70*	
		For Class 55 Rating, Add	*3,650.28*	
		For Class 56 Rating, Add	*4,834.63*	
40 05 19 00-2336	EA	16" Flanged (FxF), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,955.12	902.32
		For Class 52 Rating, Deduct	*-1,824.68*	
		For Class 54 Rating, Add	*2,504.60*	
		For Class 55 Rating, Add	*3,731.93*	
		For Class 56 Rating, Add	*4,942.67*	
40 05 19 00-2337	EA	16" Flanged (FxF), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	18,326.64	906.29
		For Class 52 Rating, Deduct	*-1,864.88*	
		For Class 54 Rating, Add	*2,559.50*	
		For Class 55 Rating, Add	*3,813.58*	
		For Class 56 Rating, Add	*5,050.71*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2338	EA	16" Flanged (FxF), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	18,698.16	910.27
		For Class 52 Rating, Deduct	*-1,905.09*	
		For Class 54 Rating, Add	*2,614.39*	
		For Class 55 Rating, Add	*3,895.23*	
		For Class 56 Rating, Add	*5,158.74*	

40 05 19 00-2339 18" Flanged End (FxF), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-2060)*

40 05 19 00-2340	EA	18" Flanged (FxF), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,773.62	860.18
		For Class 52 Rating, Deduct	*-491.74*	
		For Class 54 Rating, Add	*686.19*	
		For Class 55 Rating, Add	*1,028.16*	
		For Class 56 Rating, Add	*1,365.66*	
40 05 19 00-2341	EA	18" Flanged (FxF), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,201.37	864.16
		For Class 52 Rating, Deduct	*-538.12*	
		For Class 54 Rating, Add	*749.52*	
		For Class 55 Rating, Add	*1,122.35*	
		For Class 56 Rating, Add	*1,490.29*	
40 05 19 00-2342	EA	18" Flanged (FxF), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,629.12	868.14
		For Class 52 Rating, Deduct	*-584.51*	
		For Class 54 Rating, Add	*812.85*	
		For Class 55 Rating, Add	*1,216.54*	
		For Class 56 Rating, Add	*1,614.91*	
40 05 19 00-2343	EA	18" Flanged (FxF), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,056.88	872.11
		For Class 52 Rating, Deduct	*-630.91*	
		For Class 54 Rating, Add	*876.18*	
		For Class 55 Rating, Add	*1,310.73*	
		For Class 56 Rating, Add	*1,739.54*	
40 05 19 00-2344	EA	18" Flanged (FxF), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,484.62	876.08
		For Class 52 Rating, Deduct	*-677.30*	
		For Class 54 Rating, Add	*939.51*	
		For Class 55 Rating, Add	*1,404.92*	
		For Class 56 Rating, Add	*1,864.17*	
40 05 19 00-2345	EA	18" Flanged (FxF), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,912.38	880.06
		For Class 52 Rating, Deduct	*-723.69*	
		For Class 54 Rating, Add	*1,002.85*	
		For Class 55 Rating, Add	*1,499.11*	
		For Class 56 Rating, Add	*1,988.80*	
40 05 19 00-2346	EA	18" Flanged (FxF), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,340.12	884.03
		For Class 52 Rating, Deduct	*-770.07*	
		For Class 54 Rating, Add	*1,066.18*	
		For Class 55 Rating, Add	*1,593.30*	
		For Class 56 Rating, Add	*2,113.42*	
40 05 19 00-2347	EA	18" Flanged (FxF), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,767.88	888.00
		For Class 52 Rating, Deduct	*-816.47*	
		For Class 54 Rating, Add	*1,129.51*	
		For Class 55 Rating, Add	*1,687.49*	
		For Class 56 Rating, Add	*2,238.05*	
40 05 19 00-2348	EA	18" Flanged (FxF), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,195.63	891.99
		For Class 52 Rating, Deduct	*-862.86*	
		For Class 54 Rating, Add	*1,192.84*	
		For Class 55 Rating, Add	*1,781.68*	
		For Class 56 Rating, Add	*2,362.67*	
40 05 19 00-2349	EA	18" Flanged (FxF), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,623.38	895.96
		For Class 52 Rating, Deduct	*-909.25*	
		For Class 54 Rating, Add	*1,256.17*	
		For Class 55 Rating, Add	*1,875.87*	
		For Class 56 Rating, Add	*2,487.30*	
40 05 19 00-2350	EA	18" Flanged (FxF), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,051.13	899.93
		For Class 52 Rating, Deduct	*-955.64*	
		For Class 54 Rating, Add	*1,319.50*	
		For Class 55 Rating, Add	*1,970.06*	
		For Class 56 Rating, Add	*2,611.93*	
40 05 19 00-2351	EA	18" Flanged (FxF), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,478.87	903.91
		For Class 52 Rating, Deduct	*-1,002.03*	
		For Class 54 Rating, Add	*1,382.83*	
		For Class 55 Rating, Add	*2,064.25*	
		For Class 56 Rating, Add	*2,736.55*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2352	EA	18" Flanged (FxF), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,906.63	907.88
		For Class 52 Rating, Deduct	*-1,048.42*	
		For Class 54 Rating, Add	*1,446.16*	
		For Class 55 Rating, Add	*2,158.44*	
		For Class 56 Rating, Add	*2,861.18*	
40 05 19 00-2353	EA	18" Flanged (FxF), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,334.38	911.85
		For Class 52 Rating, Deduct	*-1,094.81*	
		For Class 54 Rating, Add	*1,509.50*	
		For Class 55 Rating, Add	*2,252.63*	
		For Class 56 Rating, Add	*2,985.81*	
40 05 19 00-2354	EA	18" Flanged (FxF), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,762.14	915.83
		For Class 52 Rating, Deduct	*-1,141.20*	
		For Class 54 Rating, Add	*1,572.83*	
		For Class 55 Rating, Add	*2,346.82*	
		For Class 56 Rating, Add	*3,110.44*	
40 05 19 00-2355	EA	18" Flanged (FxF), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,189.88	919.80
		For Class 52 Rating, Deduct	*-1,187.59*	
		For Class 54 Rating, Add	*1,636.16*	
		For Class 55 Rating, Add	*2,441.01*	
		For Class 56 Rating, Add	*3,235.06*	
40 05 19 00-2356	EA	18" Flanged (FxF), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,617.63	923.79
		For Class 52 Rating, Deduct	*-1,233.98*	
		For Class 54 Rating, Add	*1,699.49*	
		For Class 55 Rating, Add	*2,535.20*	
		For Class 56 Rating, Add	*3,359.69*	
40 05 19 00-2357	EA	18" Flanged (FxF), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,045.38	927.76
		For Class 52 Rating, Deduct	*-1,280.37*	
		For Class 54 Rating, Add	*1,762.82*	
		For Class 55 Rating, Add	*2,629.39*	
		For Class 56 Rating, Add	*3,484.31*	
40 05 19 00-2358	EA	18" Flanged (FxF), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,473.14	931.73
		For Class 52 Rating, Deduct	*-1,326.76*	
		For Class 54 Rating, Add	*1,826.15*	
		For Class 55 Rating, Add	*2,723.58*	
		For Class 56 Rating, Add	*3,608.94*	
40 05 19 00-2359	EA	18" Flanged (FxF), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,900.89	935.71
		For Class 52 Rating, Deduct	*-1,373.15*	
		For Class 54 Rating, Add	*1,889.49*	
		For Class 55 Rating, Add	*2,817.77*	
		For Class 56 Rating, Add	*3,733.57*	
40 05 19 00-2360	EA	18" Flanged (FxF), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,328.64	939.68
		For Class 52 Rating, Deduct	*-1,419.54*	
		For Class 54 Rating, Add	*1,952.82*	
		For Class 55 Rating, Add	*2,911.96*	
		For Class 56 Rating, Add	*3,858.19*	
40 05 19 00-2361	EA	18" Flanged (FxF), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,756.38	943.65
		For Class 52 Rating, Deduct	*-1,465.93*	
		For Class 54 Rating, Add	*2,016.15*	
		For Class 55 Rating, Add	*3,006.15*	
		For Class 56 Rating, Add	*3,982.82*	
40 05 19 00-2362	EA	18" Flanged (FxF), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,184.13	947.63
		For Class 52 Rating, Deduct	*-1,512.32*	
		For Class 54 Rating, Add	*2,079.48*	
		For Class 55 Rating, Add	*3,100.34*	
		For Class 56 Rating, Add	*4,107.45*	
40 05 19 00-2363	EA	18" Flanged (FxF), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,611.89	951.61
		For Class 52 Rating, Deduct	*-1,558.71*	
		For Class 54 Rating, Add	*2,142.81*	
		For Class 55 Rating, Add	*3,194.53*	
		For Class 56 Rating, Add	*4,232.07*	
40 05 19 00-2364	EA	18" Flanged (FxF), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,039.64	955.58
		For Class 52 Rating, Deduct	*-1,605.10*	
		For Class 54 Rating, Add	*2,206.14*	
		For Class 55 Rating, Add	*3,288.72*	
		For Class 56 Rating, Add	*4,356.70*	
40 05 19 00-2365	EA	18" Flanged (FxF), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,467.40	959.56
		For Class 52 Rating, Deduct	*-1,651.49*	
		For Class 54 Rating, Add	*2,269.47*	
		For Class 55 Rating, Add	*3,382.91*	
		For Class 56 Rating, Add	*4,481.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2366	EA	18" Flanged (FxF), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,895.13	963.53
		For Class 52 Rating, Deduct	*-1,697.88*	
		For Class 54 Rating, Add	*2,332.80*	
		For Class 55 Rating, Add	*3,477.10*	
		For Class 56 Rating, Add	*4,605.95*	
40 05 19 00-2367	EA	18" Flanged (FxF), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,322.89	967.50
		For Class 52 Rating, Deduct	*-1,744.27*	
		For Class 54 Rating, Add	*2,396.14*	
		For Class 55 Rating, Add	*3,571.29*	
		For Class 56 Rating, Add	*4,730.58*	
40 05 19 00-2368	EA	18" Flanged (FxF), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,750.64	971.48
		For Class 52 Rating, Deduct	*-1,790.66*	
		For Class 54 Rating, Add	*2,459.47*	
		For Class 55 Rating, Add	*3,665.48*	
		For Class 56 Rating, Add	*4,855.21*	
40 05 19 00-2369	EA	18" Flanged (FxF), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	18,178.39	975.45
		For Class 52 Rating, Deduct	*-1,837.05*	
		For Class 54 Rating, Add	*2,522.80*	
		For Class 55 Rating, Add	*3,759.67*	
		For Class 56 Rating, Add	*4,979.83*	
40 05 19 00-2370	EA	18" Flanged (FxF), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	18,606.15	979.43
		For Class 52 Rating, Deduct	*-1,883.44*	
		For Class 54 Rating, Add	*2,586.13*	
		For Class 55 Rating, Add	*3,853.86*	
		For Class 56 Rating, Add	*5,104.46*	
40 05 19 00-2371	EA	18" Flanged (FxF), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	19,033.89	983.41
		For Class 52 Rating, Deduct	*-1,929.83*	
		For Class 54 Rating, Add	*2,649.46*	
		For Class 55 Rating, Add	*3,948.05*	
		For Class 56 Rating, Add	*5,229.08*	
40 05 19 00-2372	EA	18" Flanged (FxF), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	19,461.64	987.38
		For Class 52 Rating, Deduct	*-1,976.22*	
		For Class 54 Rating, Add	*2,712.79*	
		For Class 55 Rating, Add	*4,042.24*	
		For Class 56 Rating, Add	*5,353.71*	
40 05 19 00-2373	EA	18" Flanged (FxF), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	19,889.39	991.36
		For Class 52 Rating, Deduct	*-2,022.61*	
		For Class 54 Rating, Add	*2,776.13*	
		For Class 55 Rating, Add	*4,136.43*	
		For Class 56 Rating, Add	*5,478.34*	
40 05 19 00-2374	EA	18" Flanged (FxF), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	20,317.15	995.33
		For Class 52 Rating, Deduct	*-2,069.00*	
		For Class 54 Rating, Add	*2,839.46*	
		For Class 55 Rating, Add	*4,230.62*	
		For Class 56 Rating, Add	*5,602.97*	
40 05 19 00-2375	EA	18" Flanged (FxF), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	20,744.90	999.30
		For Class 52 Rating, Deduct	*-2,115.39*	
		For Class 54 Rating, Add	*2,902.79*	
		For Class 55 Rating, Add	*4,324.81*	
		For Class 56 Rating, Add	*5,727.59*	
40 05 19 00-2376	EA	18" Flanged (FxF), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	21,172.65	1,003.28
		For Class 52 Rating, Deduct	*-2,161.78*	
		For Class 54 Rating, Add	*2,966.12*	
		For Class 55 Rating, Add	*4,419.00*	
		For Class 56 Rating, Add	*5,852.22*	
40 05 19 00-2377	EA	18" Flanged (FxF), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	21,600.39	1,007.26
		For Class 52 Rating, Deduct	*-2,208.17*	
		For Class 54 Rating, Add	*3,029.45*	
		For Class 55 Rating, Add	*4,513.19*	
		For Class 56 Rating, Add	*5,976.84*	
40 05 19 00-2378		20" Flanged End (FxF), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-2060)*		
40 05 19 00-2379	EA	20" Flanged (FxF), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,759.20	981.82
		For Class 52 Rating, Deduct	*-579.88*	
		For Class 54 Rating, Add	*808.59*	
		For Class 55 Rating, Add	*1,211.27*	
		For Class 56 Rating, Add	*1,608.68*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2380	EA	20" Flanged (FxF), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,245.99	985.79
		For Class 52 Rating, Deduct	*-632.76*	
		For Class 54 Rating, Add	*880.78*	
		For Class 55 Rating, Add	*1,318.63*	
		For Class 56 Rating, Add	*1,750.72*	
40 05 19 00-2381	EA	20" Flanged (FxF), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,732.79	989.77
		For Class 52 Rating, Deduct	*-685.65*	
		For Class 54 Rating, Add	*952.97*	
		For Class 55 Rating, Add	*1,425.98*	
		For Class 56 Rating, Add	*1,892.76*	
40 05 19 00-2382	EA	20" Flanged (FxF), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,219.58	993.74
		For Class 52 Rating, Deduct	*-738.53*	
		For Class 54 Rating, Add	*1,025.15*	
		For Class 55 Rating, Add	*1,533.34*	
		For Class 56 Rating, Add	*2,034.81*	
40 05 19 00-2383	EA	20" Flanged (FxF), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,706.38	997.71
		For Class 52 Rating, Deduct	*-791.41*	
		For Class 54 Rating, Add	*1,097.34*	
		For Class 55 Rating, Add	*1,640.69*	
		For Class 56 Rating, Add	*2,176.85*	
40 05 19 00-2384	EA	20" Flanged (FxF), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,193.16	1,001.69
		For Class 52 Rating, Deduct	*-844.30*	
		For Class 54 Rating, Add	*1,169.53*	
		For Class 55 Rating, Add	*1,748.05*	
		For Class 56 Rating, Add	*2,318.90*	
40 05 19 00-2385	EA	20" Flanged (FxF), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,679.95	1,005.67
		For Class 52 Rating, Deduct	*-897.18*	
		For Class 54 Rating, Add	*1,241.72*	
		For Class 55 Rating, Add	*1,855.41*	
		For Class 56 Rating, Add	*2,460.94*	
40 05 19 00-2386	EA	20" Flanged (FxF), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,166.75	1,009.64
		For Class 52 Rating, Deduct	*-950.07*	
		For Class 54 Rating, Add	*1,313.91*	
		For Class 55 Rating, Add	*1,962.76*	
		For Class 56 Rating, Add	*2,602.98*	
40 05 19 00-2387	EA	20" Flanged (FxF), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,653.54	1,013.62
		For Class 52 Rating, Deduct	*-1,002.95*	
		For Class 54 Rating, Add	*1,386.09*	
		For Class 55 Rating, Add	*2,070.12*	
		For Class 56 Rating, Add	*2,745.03*	
40 05 19 00-2388	EA	20" Flanged (FxF), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,140.34	1,017.59
		For Class 52 Rating, Deduct	*-1,055.84*	
		For Class 54 Rating, Add	*1,458.28*	
		For Class 55 Rating, Add	*2,177.48*	
		For Class 56 Rating, Add	*2,887.07*	
40 05 19 00-2389	EA	20" Flanged (FxF), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,627.12	1,021.56
		For Class 52 Rating, Deduct	*-1,108.72*	
		For Class 54 Rating, Add	*1,530.47*	
		For Class 55 Rating, Add	*2,284.83*	
		For Class 56 Rating, Add	*3,029.12*	
40 05 19 00-2390	EA	20" Flanged (FxF), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,113.92	1,025.54
		For Class 52 Rating, Deduct	*-1,161.61*	
		For Class 54 Rating, Add	*1,602.66*	
		For Class 55 Rating, Add	*2,392.19*	
		For Class 56 Rating, Add	*3,171.16*	
40 05 19 00-2391	EA	20" Flanged (FxF), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,600.71	1,029.51
		For Class 52 Rating, Deduct	*-1,214.49*	
		For Class 54 Rating, Add	*1,674.84*	
		For Class 55 Rating, Add	*2,499.54*	
		For Class 56 Rating, Add	*3,313.20*	
40 05 19 00-2392	EA	20" Flanged (FxF), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,087.51	1,033.49
		For Class 52 Rating, Deduct	*-1,267.38*	
		For Class 54 Rating, Add	*1,747.03*	
		For Class 55 Rating, Add	*2,606.90*	
		For Class 56 Rating, Add	*3,455.25*	
40 05 19 00-2393	EA	20" Flanged (FxF), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,574.30	1,037.47
		For Class 52 Rating, Deduct	*-1,320.26*	
		For Class 54 Rating, Add	*1,819.22*	
		For Class 55 Rating, Add	*2,714.26*	
		For Class 56 Rating, Add	*3,597.29*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2394	EA	20" Flanged (FxF), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,061.09	1,041.44
		For Class 52 Rating, Deduct	*-1,373.15*	
		For Class 54 Rating, Add	*1,891.41*	
		For Class 55 Rating, Add	*2,821.61*	
		For Class 56 Rating, Add	*3,739.34*	
40 05 19 00-2395	EA	20" Flanged (FxF), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,547.88	1,045.42
		For Class 52 Rating, Deduct	*-1,426.03*	
		For Class 54 Rating, Add	*1,963.60*	
		For Class 55 Rating, Add	*2,928.97*	
		For Class 56 Rating, Add	*3,881.38*	
40 05 19 00-2396	EA	20" Flanged (FxF), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,034.67	1,049.39
		For Class 52 Rating, Deduct	*-1,478.92*	
		For Class 54 Rating, Add	*2,035.78*	
		For Class 55 Rating, Add	*3,036.33*	
		For Class 56 Rating, Add	*4,023.42*	
40 05 19 00-2397	EA	20" Flanged (FxF), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,521.47	1,053.36
		For Class 52 Rating, Deduct	*-1,531.80*	
		For Class 54 Rating, Add	*2,107.97*	
		For Class 55 Rating, Add	*3,143.68*	
		For Class 56 Rating, Add	*4,165.47*	
40 05 19 00-2398	EA	20" Flanged (FxF), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,008.26	1,057.34
		For Class 52 Rating, Deduct	*-1,584.69*	
		For Class 54 Rating, Add	*2,180.16*	
		For Class 55 Rating, Add	*3,251.04*	
		For Class 56 Rating, Add	*4,307.51*	
40 05 19 00-2399	EA	20" Flanged (FxF), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,495.06	1,061.31
		For Class 52 Rating, Deduct	*-1,637.57*	
		For Class 54 Rating, Add	*2,252.35*	
		For Class 55 Rating, Add	*3,358.39*	
		For Class 56 Rating, Add	*4,449.56*	
40 05 19 00-2400	EA	20" Flanged (FxF), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,981.84	1,065.29
		For Class 52 Rating, Deduct	*-1,690.45*	
		For Class 54 Rating, Add	*2,324.53*	
		For Class 55 Rating, Add	*3,465.75*	
		For Class 56 Rating, Add	*4,591.60*	
40 05 19 00-2401	EA	20" Flanged (FxF), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,468.64	1,069.27
		For Class 52 Rating, Deduct	*-1,743.34*	
		For Class 54 Rating, Add	*2,396.72*	
		For Class 55 Rating, Add	*3,573.11*	
		For Class 56 Rating, Add	*4,733.64*	
40 05 19 00-2402	EA	20" Flanged (FxF), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,955.43	1,073.24
		For Class 52 Rating, Deduct	*-1,796.22*	
		For Class 54 Rating, Add	*2,468.91*	
		For Class 55 Rating, Add	*3,680.46*	
		For Class 56 Rating, Add	*4,875.69*	
40 05 19 00-2403	EA	20" Flanged (FxF), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	18,442.23	1,077.21
		For Class 52 Rating, Deduct	*-1,849.11*	
		For Class 54 Rating, Add	*2,541.10*	
		For Class 55 Rating, Add	*3,787.82*	
		For Class 56 Rating, Add	*5,017.73*	
40 05 19 00-2404	EA	20" Flanged (FxF), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	18,929.02	1,081.19
		For Class 52 Rating, Deduct	*-1,901.99*	
		For Class 54 Rating, Add	*2,613.29*	
		For Class 55 Rating, Add	*3,895.18*	
		For Class 56 Rating, Add	*5,159.77*	
40 05 19 00-2405	EA	20" Flanged (FxF), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	19,415.81	1,085.16
		For Class 52 Rating, Deduct	*-1,954.88*	
		For Class 54 Rating, Add	*2,685.47*	
		For Class 55 Rating, Add	*4,002.53*	
		For Class 56 Rating, Add	*5,301.82*	
40 05 19 00-2406	EA	20" Flanged (FxF), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	19,902.60	1,089.14
		For Class 52 Rating, Deduct	*-2,007.76*	
		For Class 54 Rating, Add	*2,757.66*	
		For Class 55 Rating, Add	*4,109.89*	
		For Class 56 Rating, Add	*5,443.86*	
40 05 19 00-2407	EA	20" Flanged (FxF), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	20,389.39	1,093.12
		For Class 52 Rating, Deduct	*-2,060.65*	
		For Class 54 Rating, Add	*2,829.85*	
		For Class 55 Rating, Add	*4,217.24*	
		For Class 56 Rating, Add	*5,585.91*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2408	EA	20" Flanged (FxF), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	20,876.19	1,097.09
		For Class 52 Rating, Deduct	*-2,113.53*	
		For Class 54 Rating, Add	*2,902.04*	
		For Class 55 Rating, Add	*4,324.60*	
		For Class 56 Rating, Add	*5,727.95*	
40 05 19 00-2409	EA	20" Flanged (FxF), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	21,362.98	1,101.07
		For Class 52 Rating, Deduct	*-2,166.42*	
		For Class 54 Rating, Add	*2,974.22*	
		For Class 55 Rating, Add	*4,431.96*	
		For Class 56 Rating, Add	*5,869.99*	
40 05 19 00-2410	EA	20" Flanged (FxF), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	21,849.78	1,105.04
		For Class 52 Rating, Deduct	*-2,219.30*	
		For Class 54 Rating, Add	*3,046.41*	
		For Class 55 Rating, Add	*4,539.31*	
		For Class 56 Rating, Add	*6,012.04*	
40 05 19 00-2411	EA	20" Flanged (FxF), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	22,336.56	1,109.01
		For Class 52 Rating, Deduct	*-2,272.19*	
		For Class 54 Rating, Add	*3,118.60*	
		For Class 55 Rating, Add	*4,646.67*	
		For Class 56 Rating, Add	*6,154.08*	
40 05 19 00-2412	EA	20" Flanged (FxF), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	22,823.36	1,112.99
		For Class 52 Rating, Deduct	*-2,325.07*	
		For Class 54 Rating, Add	*3,190.79*	
		For Class 55 Rating, Add	*4,754.03*	
		For Class 56 Rating, Add	*6,296.13*	
40 05 19 00-2413	EA	20" Flanged (FxF), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	23,310.15	1,116.96
		For Class 52 Rating, Deduct	*-2,377.96*	
		For Class 54 Rating, Add	*3,262.98*	
		For Class 55 Rating, Add	*4,861.38*	
		For Class 56 Rating, Add	*6,438.17*	
40 05 19 00-2414	EA	20" Flanged (FxF), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	23,796.94	1,120.94
		For Class 52 Rating, Deduct	*-2,430.84*	
		For Class 54 Rating, Add	*3,335.16*	
		For Class 55 Rating, Add	*4,968.74*	
		For Class 56 Rating, Add	*6,580.21*	
40 05 19 00-2415	EA	20" Flanged (FxF), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	24,283.74	1,124.92
		For Class 52 Rating, Deduct	*-2,483.73*	
		For Class 54 Rating, Add	*3,407.35*	
		For Class 55 Rating, Add	*5,076.09*	
		For Class 56 Rating, Add	*6,722.26*	
40 05 19 00-2416	EA	20" Flanged (FxF), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	24,770.53	1,128.89
		For Class 52 Rating, Deduct	*-2,536.61*	
		For Class 54 Rating, Add	*3,479.54*	
		For Class 55 Rating, Add	*5,183.45*	
		For Class 56 Rating, Add	*6,864.30*	

40 05 19 00-2417 24" Flanged End (FxF), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-2060)*

40 05 19 00-2418	EA	24" Flanged (FxF), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,337.58	1,160.69
		For Class 52 Rating, Deduct	*-723.69*	
		For Class 54 Rating, Add	*1,007.95*	
		For Class 55 Rating, Add	*1,509.31*	
		For Class 56 Rating, Add	*2,004.10*	
40 05 19 00-2419	EA	24" Flanged (FxF), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,939.64	1,164.66
		For Class 52 Rating, Deduct	*-789.25*	
		For Class 54 Rating, Add	*1,097.43*	
		For Class 55 Rating, Add	*1,642.38*	
		For Class 56 Rating, Add	*2,180.15*	
40 05 19 00-2420	EA	24" Flanged (FxF), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,541.71	1,168.64
		For Class 52 Rating, Deduct	*-854.81*	
		For Class 54 Rating, Add	*1,186.90*	
		For Class 55 Rating, Add	*1,775.44*	
		For Class 56 Rating, Add	*2,356.20*	
40 05 19 00-2421	EA	24" Flanged (FxF), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,143.77	1,172.61
		For Class 52 Rating, Deduct	*-920.38*	
		For Class 54 Rating, Add	*1,276.38*	
		For Class 55 Rating, Add	*1,908.50*	
		For Class 56 Rating, Add	*2,532.25*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2422	EA	24" Flanged (FxF), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,745.84	1,176.59
		For Class 52 Rating, Deduct	*-985.94*	
		For Class 54 Rating, Add	*1,365.86*	
		For Class 55 Rating, Add	*2,041.56*	
		For Class 56 Rating, Add	*2,708.30*	
40 05 19 00-2423	EA	24" Flanged (FxF), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,347.90	1,180.57
		For Class 52 Rating, Deduct	*-1,051.51*	
		For Class 54 Rating, Add	*1,455.34*	
		For Class 55 Rating, Add	*2,174.62*	
		For Class 56 Rating, Add	*2,884.35*	
40 05 19 00-2424	EA	24" Flanged (FxF), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,949.97	1,184.54
		For Class 52 Rating, Deduct	*-1,117.07*	
		For Class 54 Rating, Add	*1,544.82*	
		For Class 55 Rating, Add	*2,307.69*	
		For Class 56 Rating, Add	*3,060.40*	
40 05 19 00-2425	EA	24" Flanged (FxF), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,552.03	1,188.51
		For Class 52 Rating, Deduct	*-1,182.64*	
		For Class 54 Rating, Add	*1,634.30*	
		For Class 55 Rating, Add	*2,440.75*	
		For Class 56 Rating, Add	*3,236.45*	
40 05 19 00-2426	EA	24" Flanged (FxF), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,154.10	1,192.49
		For Class 52 Rating, Deduct	*-1,248.20*	
		For Class 54 Rating, Add	*1,723.78*	
		For Class 55 Rating, Add	*2,573.81*	
		For Class 56 Rating, Add	*3,412.50*	
40 05 19 00-2427	EA	24" Flanged (FxF), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,756.16	1,196.46
		For Class 52 Rating, Deduct	*-1,313.77*	
		For Class 54 Rating, Add	*1,813.25*	
		For Class 55 Rating, Add	*2,706.87*	
		For Class 56 Rating, Add	*3,588.55*	
40 05 19 00-2428	EA	24" Flanged (FxF), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,358.22	1,200.43
		For Class 52 Rating, Deduct	*-1,379.33*	
		For Class 54 Rating, Add	*1,902.73*	
		For Class 55 Rating, Add	*2,839.93*	
		For Class 56 Rating, Add	*3,764.60*	
40 05 19 00-2429	EA	24" Flanged (FxF), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,960.29	1,204.42
		For Class 52 Rating, Deduct	*-1,444.90*	
		For Class 54 Rating, Add	*1,992.21*	
		For Class 55 Rating, Add	*2,973.00*	
		For Class 56 Rating, Add	*3,940.64*	
40 05 19 00-2430	EA	24" Flanged (FxF), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,562.35	1,208.39
		For Class 52 Rating, Deduct	*-1,510.46*	
		For Class 54 Rating, Add	*2,081.69*	
		For Class 55 Rating, Add	*3,106.06*	
		For Class 56 Rating, Add	*4,116.69*	
40 05 19 00-2431	EA	24" Flanged (FxF), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,164.43	1,212.37
		For Class 52 Rating, Deduct	*-1,576.03*	
		For Class 54 Rating, Add	*2,171.17*	
		For Class 55 Rating, Add	*3,239.12*	
		For Class 56 Rating, Add	*4,292.74*	
40 05 19 00-2432	EA	24" Flanged (FxF), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,766.49	1,216.34
		For Class 52 Rating, Deduct	*-1,641.59*	
		For Class 54 Rating, Add	*2,260.65*	
		For Class 55 Rating, Add	*3,372.18*	
		For Class 56 Rating, Add	*4,468.79*	
40 05 19 00-2433	EA	24" Flanged (FxF), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,368.55	1,220.31
		For Class 52 Rating, Deduct	*-1,707.15*	
		For Class 54 Rating, Add	*2,350.13*	
		For Class 55 Rating, Add	*3,505.24*	
		For Class 56 Rating, Add	*4,644.84*	
40 05 19 00-2434	EA	24" Flanged (FxF), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,970.61	1,224.29
		For Class 52 Rating, Deduct	*-1,772.72*	
		For Class 54 Rating, Add	*2,439.60*	
		For Class 55 Rating, Add	*3,638.31*	
		For Class 56 Rating, Add	*4,820.89*	
40 05 19 00-2435	EA	24" Flanged (FxF), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	18,572.68	1,228.26
		For Class 52 Rating, Deduct	*-1,838.28*	
		For Class 54 Rating, Add	*2,529.08*	
		For Class 55 Rating, Add	*3,771.37*	
		For Class 56 Rating, Add	*4,996.94*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2436	EA	24" Flanged (FxF), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	19,174.75	1,232.24
		For Class 52 Rating, Deduct	*-1,903.85*	
		For Class 54 Rating, Add	*2,618.56*	
		For Class 55 Rating, Add	*3,904.43*	
		For Class 56 Rating, Add	*5,172.99*	
40 05 19 00-2437	EA	24" Flanged (FxF), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	19,776.81	1,236.22
		For Class 52 Rating, Deduct	*-1,969.41*	
		For Class 54 Rating, Add	*2,708.04*	
		For Class 55 Rating, Add	*4,037.49*	
		For Class 56 Rating, Add	*5,349.04*	
40 05 19 00-2438	EA	24" Flanged (FxF), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	20,378.87	1,240.19
		For Class 52 Rating, Deduct	*-2,034.98*	
		For Class 54 Rating, Add	*2,797.52*	
		For Class 55 Rating, Add	*4,170.55*	
		For Class 56 Rating, Add	*5,525.09*	
40 05 19 00-2439	EA	24" Flanged (FxF), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	20,980.93	1,244.16
		For Class 52 Rating, Deduct	*-2,100.54*	
		For Class 54 Rating, Add	*2,887.00*	
		For Class 55 Rating, Add	*4,303.61*	
		For Class 56 Rating, Add	*5,701.14*	
40 05 19 00-2440	EA	24" Flanged (FxF), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	21,583.01	1,248.14
		For Class 52 Rating, Deduct	*-2,166.11*	
		For Class 54 Rating, Add	*2,976.48*	
		For Class 55 Rating, Add	*4,436.68*	
		For Class 56 Rating, Add	*5,877.19*	
40 05 19 00-2441	EA	24" Flanged (FxF), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	22,185.07	1,252.11
		For Class 52 Rating, Deduct	*-2,231.67*	
		For Class 54 Rating, Add	*3,065.96*	
		For Class 55 Rating, Add	*4,569.74*	
		For Class 56 Rating, Add	*6,053.24*	
40 05 19 00-2442	EA	24" Flanged (FxF), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	22,787.14	1,256.08
		For Class 52 Rating, Deduct	*-2,297.24*	
		For Class 54 Rating, Add	*3,155.43*	
		For Class 55 Rating, Add	*4,702.80*	
		For Class 56 Rating, Add	*6,229.29*	
40 05 19 00-2443	EA	24" Flanged (FxF), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	23,389.20	1,260.06
		For Class 52 Rating, Deduct	*-2,362.80*	
		For Class 54 Rating, Add	*3,244.91*	
		For Class 55 Rating, Add	*4,835.86*	
		For Class 56 Rating, Add	*6,405.33*	
40 05 19 00-2444	EA	24" Flanged (FxF), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	23,991.27	1,264.04
		For Class 52 Rating, Deduct	*-2,428.37*	
		For Class 54 Rating, Add	*3,334.39*	
		For Class 55 Rating, Add	*4,968.93*	
		For Class 56 Rating, Add	*6,581.39*	
40 05 19 00-2445	EA	24" Flanged (FxF), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	24,593.33	1,268.02
		For Class 52 Rating, Deduct	*-2,493.93*	
		For Class 54 Rating, Add	*3,423.87*	
		For Class 55 Rating, Add	*5,101.99*	
		For Class 56 Rating, Add	*6,757.43*	
40 05 19 00-2446	EA	24" Flanged (FxF), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	25,195.39	1,271.99
		For Class 52 Rating, Deduct	*-2,559.50*	
		For Class 54 Rating, Add	*3,513.35*	
		For Class 55 Rating, Add	*5,235.05*	
		For Class 56 Rating, Add	*6,933.48*	
40 05 19 00-2447	EA	24" Flanged (FxF), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	25,899.85	1,343.53
		For Class 52 Rating, Deduct	*-2,625.06*	
		For Class 54 Rating, Add	*3,604.06*	
		For Class 55 Rating, Add	*5,370.57*	
		For Class 56 Rating, Add	*7,113.22*	
40 05 19 00-2448	EA	24" Flanged (FxF), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	26,501.91	1,347.52
		For Class 52 Rating, Deduct	*-2,690.62*	
		For Class 54 Rating, Add	*3,693.53*	
		For Class 55 Rating, Add	*5,503.63*	
		For Class 56 Rating, Add	*7,289.27*	
40 05 19 00-2449	EA	24" Flanged (FxF), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	27,103.97	1,351.49
		For Class 52 Rating, Deduct	*-2,756.19*	
		For Class 54 Rating, Add	*3,783.01*	
		For Class 55 Rating, Add	*5,636.69*	
		For Class 56 Rating, Add	*7,465.32*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2450	EA	24" Flanged (FxF), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	27,706.04	1,355.46
		For Class 52 Rating, Deduct	*-2,821.75*	
		For Class 54 Rating, Add	*3,872.49*	
		For Class 55 Rating, Add	*5,769.75*	
		For Class 56 Rating, Add	*7,641.37*	
40 05 19 00-2451	EA	24" Flanged (FxF), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	28,308.10	1,359.44
		For Class 52 Rating, Deduct	*-2,887.32*	
		For Class 54 Rating, Add	*3,961.97*	
		For Class 55 Rating, Add	*5,902.82*	
		For Class 56 Rating, Add	*7,817.41*	
40 05 19 00-2452	EA	24" Flanged (FxF), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	28,910.17	1,363.41
		For Class 52 Rating, Deduct	*-2,952.88*	
		For Class 54 Rating, Add	*4,051.45*	
		For Class 55 Rating, Add	*6,035.88*	
		For Class 56 Rating, Add	*7,993.46*	
40 05 19 00-2453	EA	24" Flanged (FxF), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	29,512.24	1,367.38
		For Class 52 Rating, Deduct	*-3,018.45*	
		For Class 54 Rating, Add	*4,140.93*	
		For Class 55 Rating, Add	*6,168.94*	
		For Class 56 Rating, Add	*8,169.51*	
40 05 19 00-2454	EA	24" Flanged (FxF), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	30,114.30	1,371.36
		For Class 52 Rating, Deduct	*-3,084.01*	
		For Class 54 Rating, Add	*4,230.41*	
		For Class 55 Rating, Add	*6,302.00*	
		For Class 56 Rating, Add	*8,345.56*	
40 05 19 00-2455	EA	24" Flanged (FxF), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	30,716.36	1,375.34
		For Class 52 Rating, Deduct	*-3,149.58*	
		For Class 54 Rating, Add	*4,319.88*	
		For Class 55 Rating, Add	*6,435.06*	
		For Class 56 Rating, Add	*8,521.61*	

40 05 19 00-2456 30" Flanged End (FxF), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-2060)*

40 05 19 00-2457	EA	30" Flanged (FxF), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,895.21	1,637.69
		For Class 52 Rating, Deduct	*-1,145.53*	
		For Class 54 Rating, Add	*1,591.86*	
		For Class 55 Rating, Add	*2,381.85*	
		For Class 56 Rating, Add	*3,161.42*	
40 05 19 00-2458	EA	30" Flanged (FxF), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,755.93	1,641.66
		For Class 52 Rating, Deduct	*-1,239.54*	
		For Class 54 Rating, Add	*1,720.13*	
		For Class 55 Rating, Add	*2,572.59*	
		For Class 56 Rating, Add	*3,413.77*	
40 05 19 00-2459	EA	30" Flanged (FxF), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,616.66	1,645.63
		For Class 52 Rating, Deduct	*-1,333.56*	
		For Class 54 Rating, Add	*1,848.41*	
		For Class 55 Rating, Add	*2,763.33*	
		For Class 56 Rating, Add	*3,666.13*	
40 05 19 00-2460	EA	30" Flanged (FxF), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,477.39	1,649.61
		For Class 52 Rating, Deduct	*-1,427.58*	
		For Class 54 Rating, Add	*1,976.69*	
		For Class 55 Rating, Add	*2,954.08*	
		For Class 56 Rating, Add	*3,918.48*	
40 05 19 00-2461	EA	30" Flanged (FxF), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,338.12	1,653.58
		For Class 52 Rating, Deduct	*-1,521.59*	
		For Class 54 Rating, Add	*2,104.97*	
		For Class 55 Rating, Add	*3,144.82*	
		For Class 56 Rating, Add	*4,170.84*	
40 05 19 00-2462	EA	30" Flanged (FxF), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,198.83	1,657.56
		For Class 52 Rating, Deduct	*-1,615.61*	
		For Class 54 Rating, Add	*2,233.24*	
		For Class 55 Rating, Add	*3,335.56*	
		For Class 56 Rating, Add	*4,423.19*	
40 05 19 00-2463	EA	30" Flanged (FxF), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	18,059.55	1,661.54
		For Class 52 Rating, Deduct	*-1,709.63*	
		For Class 54 Rating, Add	*2,361.52*	
		For Class 55 Rating, Add	*3,526.30*	
		For Class 56 Rating, Add	*4,675.54*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2464	EA	30" Flanged (FxF), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	18,920.28	1,665.51
		For Class 52 Rating, Deduct	*-1,803.65*	
		For Class 54 Rating, Add	*2,489.80*	
		For Class 55 Rating, Add	*3,717.05*	
		For Class 56 Rating, Add	*4,927.90*	
40 05 19 00-2465	EA	30" Flanged (FxF), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	19,781.01	1,669.48
		For Class 52 Rating, Deduct	*-1,897.66*	
		For Class 54 Rating, Add	*2,618.08*	
		For Class 55 Rating, Add	*3,907.79*	
		For Class 56 Rating, Add	*5,180.25*	
40 05 19 00-2466	EA	30" Flanged (FxF), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	20,641.74	1,673.46
		For Class 52 Rating, Deduct	*-1,991.68*	
		For Class 54 Rating, Add	*2,746.36*	
		For Class 55 Rating, Add	*4,098.53*	
		For Class 56 Rating, Add	*5,432.61*	
40 05 19 00-2467	EA	30" Flanged (FxF), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	21,502.46	1,677.43
		For Class 52 Rating, Deduct	*-2,085.70*	
		For Class 54 Rating, Add	*2,874.63*	
		For Class 55 Rating, Add	*4,289.28*	
		For Class 56 Rating, Add	*5,684.96*	
40 05 19 00-2468	EA	30" Flanged (FxF), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	22,363.18	1,681.41
		For Class 52 Rating, Deduct	*-2,179.71*	
		For Class 54 Rating, Add	*3,002.91*	
		For Class 55 Rating, Add	*4,480.02*	
		For Class 56 Rating, Add	*5,937.31*	
40 05 19 00-2469	EA	30" Flanged (FxF), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	23,223.91	1,685.39
		For Class 52 Rating, Deduct	*-2,273.73*	
		For Class 54 Rating, Add	*3,131.19*	
		For Class 55 Rating, Add	*4,670.76*	
		For Class 56 Rating, Add	*6,189.67*	
40 05 19 00-2470	EA	30" Flanged (FxF), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	24,084.64	1,689.36
		For Class 52 Rating, Deduct	*-2,367.75*	
		For Class 54 Rating, Add	*3,259.47*	
		For Class 55 Rating, Add	*4,861.51*	
		For Class 56 Rating, Add	*6,442.02*	
40 05 19 00-2471	EA	30" Flanged (FxF), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	24,945.36	1,693.34
		For Class 52 Rating, Deduct	*-2,461.77*	
		For Class 54 Rating, Add	*3,387.74*	
		For Class 55 Rating, Add	*5,052.25*	
		For Class 56 Rating, Add	*6,694.38*	
40 05 19 00-2472	EA	30" Flanged (FxF), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	25,806.08	1,697.31
		For Class 52 Rating, Deduct	*-2,555.78*	
		For Class 54 Rating, Add	*3,516.02*	
		For Class 55 Rating, Add	*5,242.99*	
		For Class 56 Rating, Add	*6,946.73*	
40 05 19 00-2473	EA	30" Flanged (FxF), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	26,666.80	1,701.28
		For Class 52 Rating, Deduct	*-2,649.80*	
		For Class 54 Rating, Add	*3,644.30*	
		For Class 55 Rating, Add	*5,433.73*	
		For Class 56 Rating, Add	*7,199.08*	
40 05 19 00-2474	EA	30" Flanged (FxF), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	27,527.53	1,705.26
		For Class 52 Rating, Deduct	*-2,743.82*	
		For Class 54 Rating, Add	*3,772.58*	
		For Class 55 Rating, Add	*5,624.48*	
		For Class 56 Rating, Add	*7,451.44*	
40 05 19 00-2475	EA	30" Flanged (FxF), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	28,388.26	1,709.23
		For Class 52 Rating, Deduct	*-2,837.84*	
		For Class 54 Rating, Add	*3,900.85*	
		For Class 55 Rating, Add	*5,815.22*	
		For Class 56 Rating, Add	*7,703.79*	
40 05 19 00-2476	EA	30" Flanged (FxF), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	29,248.98	1,713.21
		For Class 52 Rating, Deduct	*-2,931.85*	
		For Class 54 Rating, Add	*4,029.13*	
		For Class 55 Rating, Add	*6,005.96*	
		For Class 56 Rating, Add	*7,956.14*	
40 05 19 00-2477	EA	30" Flanged (FxF), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	30,109.71	1,717.19
		For Class 52 Rating, Deduct	*-3,025.87*	
		For Class 54 Rating, Add	*4,157.41*	
		For Class 55 Rating, Add	*6,196.71*	
		For Class 56 Rating, Add	*8,208.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2478	EA	30" Flanged (FxF), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	30,970.43	1,721.16
		For Class 52 Rating, Deduct	*-3,119.89*	
		For Class 54 Rating, Add	*4,285.69*	
		For Class 55 Rating, Add	*6,387.45*	
		For Class 56 Rating, Add	*8,460.85*	
40 05 19 00-2479	EA	30" Flanged (FxF), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	31,831.16	1,725.13
		For Class 52 Rating, Deduct	*-3,213.91*	
		For Class 54 Rating, Add	*4,413.96*	
		For Class 55 Rating, Add	*6,578.19*	
		For Class 56 Rating, Add	*8,713.21*	
40 05 19 00-2480	EA	30" Flanged (FxF), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	32,691.88	1,729.11
		For Class 52 Rating, Deduct	*-3,307.92*	
		For Class 54 Rating, Add	*4,542.24*	
		For Class 55 Rating, Add	*6,768.94*	
		For Class 56 Rating, Add	*8,965.56*	
40 05 19 00-2481	EA	30" Flanged (FxF), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	33,552.60	1,733.08
		For Class 52 Rating, Deduct	*-3,401.94*	
		For Class 54 Rating, Add	*4,670.52*	
		For Class 55 Rating, Add	*6,959.68*	
		For Class 56 Rating, Add	*9,217.91*	
40 05 19 00-2482	EA	30" Flanged (FxF), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	34,413.33	1,737.06
		For Class 52 Rating, Deduct	*-3,495.96*	
		For Class 54 Rating, Add	*4,798.80*	
		For Class 55 Rating, Add	*7,150.42*	
		For Class 56 Rating, Add	*9,470.27*	
40 05 19 00-2483	EA	30" Flanged (FxF), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	35,274.05	1,741.03
		For Class 52 Rating, Deduct	*-3,589.97*	
		For Class 54 Rating, Add	*4,927.07*	
		For Class 55 Rating, Add	*7,341.17*	
		For Class 56 Rating, Add	*9,722.62*	
40 05 19 00-2484	EA	30" Flanged (FxF), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	36,134.78	1,745.01
		For Class 52 Rating, Deduct	*-3,683.99*	
		For Class 54 Rating, Add	*5,055.35*	
		For Class 55 Rating, Add	*7,531.91*	
		For Class 56 Rating, Add	*9,974.98*	
40 05 19 00-2485	EA	30" Flanged (FxF), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	36,995.50	1,748.99
		For Class 52 Rating, Deduct	*-3,778.01*	
		For Class 54 Rating, Add	*5,183.63*	
		For Class 55 Rating, Add	*7,722.65*	
		For Class 56 Rating, Add	*10,227.33*	
40 05 19 00-2486	EA	30" Flanged (FxF), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	37,856.23	1,752.96
		For Class 52 Rating, Deduct	*-3,872.03*	
		For Class 54 Rating, Add	*5,311.91*	
		For Class 55 Rating, Add	*7,913.40*	
		For Class 56 Rating, Add	*10,479.68*	
40 05 19 00-2487	EA	30" Flanged (FxF), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	38,716.95	1,756.93
		For Class 52 Rating, Deduct	*-3,966.04*	
		For Class 54 Rating, Add	*5,440.18*	
		For Class 55 Rating, Add	*8,104.14*	
		For Class 56 Rating, Add	*10,732.04*	
40 05 19 00-2488	EA	30" Flanged (FxF), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	39,577.68	1,760.91
		For Class 52 Rating, Deduct	*-4,060.06*	
		For Class 54 Rating, Add	*5,568.46*	
		For Class 55 Rating, Add	*8,294.88*	
		For Class 56 Rating, Add	*10,984.39*	
40 05 19 00-2489	EA	30" Flanged (FxF), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	40,438.41	1,764.88
		For Class 52 Rating, Deduct	*-4,154.08*	
		For Class 54 Rating, Add	*5,696.74*	
		For Class 55 Rating, Add	*8,485.63*	
		For Class 56 Rating, Add	*11,236.75*	
40 05 19 00-2490	EA	30" Flanged (FxF), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	41,299.13	1,768.85
		For Class 52 Rating, Deduct	*-4,248.09*	
		For Class 54 Rating, Add	*5,825.02*	
		For Class 55 Rating, Add	*8,676.37*	
		For Class 56 Rating, Add	*11,489.10*	
40 05 19 00-2491	EA	30" Flanged (FxF), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	42,159.85	1,772.84
		For Class 52 Rating, Deduct	*-4,342.11*	
		For Class 54 Rating, Add	*5,953.29*	
		For Class 55 Rating, Add	*8,867.11*	
		For Class 56 Rating, Add	*11,741.45*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2492		36" Flanged End (FxF), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-2060)*		
40 05 19 00-2493	EA	36" Flanged (FxF), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,991.47	2,074.93
		For Class 52 Rating, Deduct	*-1,633.24*	
		For Class 54 Rating, Add	*2,264.87*	
		For Class 55 Rating, Add	*3,386.48*	
		For Class 56 Rating, Add	*4,493.23*	
40 05 19 00-2494	EA	36" Flanged (FxF), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	19,144.60	2,078.90
		For Class 52 Rating, Deduct	*-1,759.42*	
		For Class 54 Rating, Add	*2,437.01*	
		For Class 55 Rating, Add	*3,642.42*	
		For Class 56 Rating, Add	*4,831.84*	
40 05 19 00-2495	EA	36" Flanged (FxF), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	20,297.72	2,082.88
		For Class 52 Rating, Deduct	*-1,885.60*	
		For Class 54 Rating, Add	*2,609.15*	
		For Class 55 Rating, Add	*3,898.37*	
		For Class 56 Rating, Add	*5,170.45*	
40 05 19 00-2496	EA	36" Flanged (FxF), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	21,450.84	2,086.86
		For Class 52 Rating, Deduct	*-2,011.78*	
		For Class 54 Rating, Add	*2,781.28*	
		For Class 55 Rating, Add	*4,154.32*	
		For Class 56 Rating, Add	*5,509.07*	
40 05 19 00-2497	EA	36" Flanged (FxF), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	22,603.97	2,090.83
		For Class 52 Rating, Deduct	*-2,137.96*	
		For Class 54 Rating, Add	*2,953.42*	
		For Class 55 Rating, Add	*4,410.27*	
		For Class 56 Rating, Add	*5,847.68*	
40 05 19 00-2498	EA	36" Flanged (FxF), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	23,757.08	2,094.81
		For Class 52 Rating, Deduct	*-2,264.15*	
		For Class 54 Rating, Add	*3,125.56*	
		For Class 55 Rating, Add	*4,666.21*	
		For Class 56 Rating, Add	*6,186.29*	
40 05 19 00-2499	EA	36" Flanged (FxF), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	24,910.21	2,098.78
		For Class 52 Rating, Deduct	*-2,390.33*	
		For Class 54 Rating, Add	*3,297.70*	
		For Class 55 Rating, Add	*4,922.16*	
		For Class 56 Rating, Add	*6,524.90*	
40 05 19 00-2500	EA	36" Flanged (FxF), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	26,063.33	2,102.75
		For Class 52 Rating, Deduct	*-2,516.51*	
		For Class 54 Rating, Add	*3,469.83*	
		For Class 55 Rating, Add	*5,178.11*	
		For Class 56 Rating, Add	*6,863.51*	
40 05 19 00-2501	EA	36" Flanged (FxF), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	27,216.46	2,106.73
		For Class 52 Rating, Deduct	*-2,642.69*	
		For Class 54 Rating, Add	*3,641.97*	
		For Class 55 Rating, Add	*5,434.06*	
		For Class 56 Rating, Add	*7,202.12*	
40 05 19 00-2502	EA	36" Flanged (FxF), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	28,369.58	2,110.71
		For Class 52 Rating, Deduct	*-2,768.87*	
		For Class 54 Rating, Add	*3,814.11*	
		For Class 55 Rating, Add	*5,690.01*	
		For Class 56 Rating, Add	*7,540.73*	
40 05 19 00-2503	EA	36" Flanged (FxF), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	29,522.71	2,114.68
		For Class 52 Rating, Deduct	*-2,895.05*	
		For Class 54 Rating, Add	*3,986.24*	
		For Class 55 Rating, Add	*5,945.95*	
		For Class 56 Rating, Add	*7,879.35*	
40 05 19 00-2504	EA	36" Flanged (FxF), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	30,675.82	2,118.66
		For Class 52 Rating, Deduct	*-3,021.23*	
		For Class 54 Rating, Add	*4,158.38*	
		For Class 55 Rating, Add	*6,201.90*	
		For Class 56 Rating, Add	*8,217.96*	
40 05 19 00-2505	EA	36" Flanged (FxF), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	31,828.94	2,122.63
		For Class 52 Rating, Deduct	*-3,147.41*	
		For Class 54 Rating, Add	*4,330.52*	
		For Class 55 Rating, Add	*6,457.85*	
		For Class 56 Rating, Add	*8,556.57*	
40 05 19 00-2506	EA	36" Flanged (FxF), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	32,982.07	2,126.60
		For Class 52 Rating, Deduct	*-3,273.59*	
		For Class 54 Rating, Add	*4,502.66*	
		For Class 55 Rating, Add	*6,713.80*	
		For Class 56 Rating, Add	*8,895.18*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2507	EA	36" Flanged (FxF), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	34,135.19	2,130.58
		For Class 52 Rating, Deduct	*-3,399.77*	
		For Class 54 Rating, Add	*4,674.79*	
		For Class 55 Rating, Add	*6,969.75*	
		For Class 56 Rating, Add	*9,233.79*	
40 05 19 00-2508	EA	36" Flanged (FxF), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	35,288.32	2,134.55
		For Class 52 Rating, Deduct	*-3,525.96*	
		For Class 54 Rating, Add	*4,846.93*	
		For Class 55 Rating, Add	*7,225.69*	
		For Class 56 Rating, Add	*9,572.40*	
40 05 19 00-2509	EA	36" Flanged (FxF), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	36,441.43	2,138.53
		For Class 52 Rating, Deduct	*-3,652.14*	
		For Class 54 Rating, Add	*5,019.07*	
		For Class 55 Rating, Add	*7,481.64*	
		For Class 56 Rating, Add	*9,911.01*	
40 05 19 00-2510	EA	36" Flanged (FxF), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	37,594.56	2,142.51
		For Class 52 Rating, Deduct	*-3,778.32*	
		For Class 54 Rating, Add	*5,191.21*	
		For Class 55 Rating, Add	*7,737.59*	
		For Class 56 Rating, Add	*10,249.62*	
40 05 19 00-2511	EA	36" Flanged (FxF), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	38,747.68	2,146.48
		For Class 52 Rating, Deduct	*-3,904.50*	
		For Class 54 Rating, Add	*5,363.34*	
		For Class 55 Rating, Add	*7,993.54*	
		For Class 56 Rating, Add	*10,588.24*	
40 05 19 00-2512	EA	36" Flanged (FxF), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	39,900.81	2,150.46
		For Class 52 Rating, Deduct	*-4,030.68*	
		For Class 54 Rating, Add	*5,535.48*	
		For Class 55 Rating, Add	*8,249.48*	
		For Class 56 Rating, Add	*10,926.85*	
40 05 19 00-2513	EA	36" Flanged (FxF), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	41,053.93	2,154.43
		For Class 52 Rating, Deduct	*-4,156.86*	
		For Class 54 Rating, Add	*5,707.62*	
		For Class 55 Rating, Add	*8,505.43*	
		For Class 56 Rating, Add	*11,265.46*	
40 05 19 00-2514	EA	36" Flanged (FxF), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	42,207.05	2,158.40
		For Class 52 Rating, Deduct	*-4,283.04*	
		For Class 54 Rating, Add	*5,879.75*	
		For Class 55 Rating, Add	*8,761.38*	
		For Class 56 Rating, Add	*11,604.07*	
40 05 19 00-2515	EA	36" Flanged (FxF), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	43,360.17	2,162.38
		For Class 52 Rating, Deduct	*-4,409.22*	
		For Class 54 Rating, Add	*6,051.89*	
		For Class 55 Rating, Add	*9,017.33*	
		For Class 56 Rating, Add	*11,942.68*	
40 05 19 00-2516	EA	36" Flanged (FxF), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	44,513.29	2,166.36
		For Class 52 Rating, Deduct	*-4,535.40*	
		For Class 54 Rating, Add	*6,224.03*	
		For Class 55 Rating, Add	*9,273.28*	
		For Class 56 Rating, Add	*12,281.29*	
40 05 19 00-2517	EA	36" Flanged (FxF), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	45,666.42	2,170.33
		For Class 52 Rating, Deduct	*-4,661.58*	
		For Class 54 Rating, Add	*6,396.17*	
		For Class 55 Rating, Add	*9,529.22*	
		For Class 56 Rating, Add	*12,619.90*	
40 05 19 00-2518	EA	36" Flanged (FxF), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	46,819.54	2,174.31
		For Class 52 Rating, Deduct	*-4,787.77*	
		For Class 54 Rating, Add	*6,568.30*	
		For Class 55 Rating, Add	*9,785.17*	
		For Class 56 Rating, Add	*12,958.51*	
40 05 19 00-2519	EA	36" Flanged (FxF), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	47,972.67	2,178.28
		For Class 52 Rating, Deduct	*-4,913.95*	
		For Class 54 Rating, Add	*6,740.44*	
		For Class 55 Rating, Add	*10,041.12*	
		For Class 56 Rating, Add	*13,297.13*	
40 05 19 00-2520	EA	36" Flanged (FxF), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	49,125.79	2,182.25
		For Class 52 Rating, Deduct	*-5,040.13*	
		For Class 54 Rating, Add	*6,912.58*	
		For Class 55 Rating, Add	*10,297.07*	
		For Class 56 Rating, Add	*13,635.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2521	EA	36" Flanged (FxF), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	50,278.91	2,186.23
		For Class 52 Rating, Deduct	*-5,166.31*	
		For Class 54 Rating, Add	*7,084.72*	
		For Class 55 Rating, Add	*10,553.02*	
		For Class 56 Rating, Add	*13,974.35*	
40 05 19 00-2522	EA	36" Flanged (FxF), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	51,432.03	2,190.20
		For Class 52 Rating, Deduct	*-5,292.49*	
		For Class 54 Rating, Add	*7,256.85*	
		For Class 55 Rating, Add	*10,808.96*	
		For Class 56 Rating, Add	*14,312.96*	
40 05 19 00-2523	EA	36" Flanged (FxF), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	52,585.16	2,194.18
		For Class 52 Rating, Deduct	*-5,418.67*	
		For Class 54 Rating, Add	*7,428.99*	
		For Class 55 Rating, Add	*11,064.91*	
		For Class 56 Rating, Add	*14,651.57*	
40 05 19 00-2524	EA	36" Flanged (FxF), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	53,738.28	2,198.16
		For Class 52 Rating, Deduct	*-5,544.85*	
		For Class 54 Rating, Add	*7,601.13*	
		For Class 55 Rating, Add	*11,320.86*	
		For Class 56 Rating, Add	*14,990.18*	
40 05 19 00-2525	EA	36" Flanged (FxF), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	54,891.40	2,202.13
		For Class 52 Rating, Deduct	*-5,671.03*	
		For Class 54 Rating, Add	*7,773.26*	
		For Class 55 Rating, Add	*11,576.81*	
		For Class 56 Rating, Add	*15,328.79*	
40 05 19 00-2526	EA	36" Flanged (FxF), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	56,044.52	2,206.11
		For Class 52 Rating, Deduct	*-5,797.21*	
		For Class 54 Rating, Add	*7,945.40*	
		For Class 55 Rating, Add	*11,832.75*	
		For Class 56 Rating, Add	*15,667.41*	
40 05 19 00-2527	EA	36" Flanged (FxF), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	57,197.64	2,210.08
		For Class 52 Rating, Deduct	*-5,923.39*	
		For Class 54 Rating, Add	*8,117.54*	
		For Class 55 Rating, Add	*12,088.70*	
		For Class 56 Rating, Add	*16,006.02*	

40 05 19 00-2528 42" Flanged End (FxF), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-2060)*

40 05 19 00-2529	EA	42" Flanged (FxF), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	23,770.08	2,615.52
		For Class 52 Rating, Deduct	*-2,178.79*	
		For Class 54 Rating, Add	*3,018.63*	
		For Class 55 Rating, Add	*4,512.11*	
		For Class 56 Rating, Add	*5,985.78*	
40 05 19 00-2530	EA	42" Flanged (FxF), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	25,463.01	2,619.51
		For Class 52 Rating, Deduct	*-2,364.35*	
		For Class 54 Rating, Add	*3,271.74*	
		For Class 55 Rating, Add	*4,888.43*	
		For Class 56 Rating, Add	*6,483.63*	
40 05 19 00-2531	EA	42" Flanged (FxF), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	27,141.88	2,623.48
		For Class 52 Rating, Deduct	*-2,548.36*	
		For Class 54 Rating, Add	*3,522.74*	
		For Class 55 Rating, Add	*5,261.62*	
		For Class 56 Rating, Add	*6,977.34*	
40 05 19 00-2532	EA	42" Flanged (FxF), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	28,837.63	2,627.45
		For Class 52 Rating, Deduct	*-2,734.23*	
		For Class 54 Rating, Add	*3,776.27*	
		For Class 55 Rating, Add	*5,638.58*	
		For Class 56 Rating, Add	*7,476.03*	
40 05 19 00-2533	EA	42" Flanged (FxF), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	30,522.14	2,631.43
		For Class 52 Rating, Deduct	*-2,918.86*	
		For Class 54 Rating, Add	*4,028.11*	
		For Class 55 Rating, Add	*6,013.02*	
		For Class 56 Rating, Add	*7,971.40*	
40 05 19 00-2534	EA	42" Flanged (FxF), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	32,223.50	2,635.40
		For Class 52 Rating, Deduct	*-3,105.35*	
		For Class 54 Rating, Add	*4,282.49*	
		For Class 55 Rating, Add	*6,391.23*	
		For Class 56 Rating, Add	*8,471.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2535	EA	42" Flanged (FxF), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	33,908.01	2,639.37
		For Class 52 Rating, Deduct	*-3,289.98*	
		For Class 54 Rating, Add	*4,534.33*	
		For Class 55 Rating, Add	*6,765.67*	
		For Class 56 Rating, Add	*8,967.11*	
40 05 19 00-2536	EA	42" Flanged (FxF), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	35,612.18	2,643.35
		For Class 52 Rating, Deduct	*-3,476.78*	
		For Class 54 Rating, Add	*4,789.13*	
		For Class 55 Rating, Add	*7,144.51*	
		For Class 56 Rating, Add	*9,468.28*	
40 05 19 00-2537	EA	42" Flanged (FxF), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	37,302.31	2,647.33
		For Class 52 Rating, Deduct	*-3,662.03*	
		For Class 54 Rating, Add	*5,041.81*	
		For Class 55 Rating, Add	*7,520.21*	
		For Class 56 Rating, Add	*9,965.31*	
40 05 19 00-2538	EA	42" Flanged (FxF), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	39,006.49	2,651.30
		For Class 52 Rating, Deduct	*-3,848.83*	
		For Class 54 Rating, Add	*5,296.61*	
		For Class 55 Rating, Add	*7,899.04*	
		For Class 56 Rating, Add	*10,466.48*	
40 05 19 00-2539	EA	42" Flanged (FxF), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	40,696.62	2,655.28
		For Class 52 Rating, Deduct	*-4,034.08*	
		For Class 54 Rating, Add	*5,549.30*	
		For Class 55 Rating, Add	*8,274.74*	
		For Class 56 Rating, Add	*10,963.51*	
40 05 19 00-2540	EA	42" Flanged (FxF), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	42,403.61	2,659.25
		For Class 52 Rating, Deduct	*-4,221.19*	
		For Class 54 Rating, Add	*5,804.52*	
		For Class 55 Rating, Add	*8,654.20*	
		For Class 56 Rating, Add	*11,465.51*	
40 05 19 00-2541	EA	42" Flanged (FxF), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	44,093.73	2,663.22
		For Class 52 Rating, Deduct	*-4,406.44*	
		For Class 54 Rating, Add	*6,057.20*	
		For Class 55 Rating, Add	*9,029.90*	
		For Class 56 Rating, Add	*11,962.54*	
40 05 19 00-2542	EA	42" Flanged (FxF), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	45,789.47	2,667.20
		For Class 52 Rating, Deduct	*-4,592.31*	
		For Class 54 Rating, Add	*6,310.73*	
		For Class 55 Rating, Add	*9,406.85*	
		For Class 56 Rating, Add	*12,461.22*	
40 05 19 00-2543	EA	42" Flanged (FxF), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	47,493.65	2,671.17
		For Class 52 Rating, Deduct	*-4,779.11*	
		For Class 54 Rating, Add	*6,565.53*	
		For Class 55 Rating, Add	*9,785.69*	
		For Class 56 Rating, Add	*12,962.39*	
40 05 19 00-2544	EA	42" Flanged (FxF), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	49,186.59	2,675.15
		For Class 52 Rating, Deduct	*-4,964.67*	
		For Class 54 Rating, Add	*6,818.64*	
		For Class 55 Rating, Add	*10,162.01*	
		For Class 56 Rating, Add	*13,460.25*	
40 05 19 00-2545	EA	42" Flanged (FxF), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	50,899.20	2,679.13
		For Class 52 Rating, Deduct	*-5,152.39*	
		For Class 54 Rating, Add	*7,074.70*	
		For Class 55 Rating, Add	*10,542.72*	
		For Class 56 Rating, Add	*13,963.91*	
40 05 19 00-2546	EA	42" Flanged (FxF), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	52,594.96	2,683.10
		For Class 52 Rating, Deduct	*-5,338.26*	
		For Class 54 Rating, Add	*7,328.23*	
		For Class 55 Rating, Add	*10,919.68*	
		For Class 56 Rating, Add	*14,462.60*	
40 05 19 00-2547	EA	42" Flanged (FxF), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	54,304.75	2,687.08
		For Class 52 Rating, Deduct	*-5,525.68*	
		For Class 54 Rating, Add	*7,583.87*	
		For Class 55 Rating, Add	*11,299.77*	
		For Class 56 Rating, Add	*14,965.43*	
40 05 19 00-2548	EA	42" Flanged (FxF), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	55,997.69	2,691.05
		For Class 52 Rating, Deduct	*-5,711.24*	
		For Class 54 Rating, Add	*7,836.98*	
		For Class 55 Rating, Add	*11,676.09*	
		For Class 56 Rating, Add	*15,463.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2549	EA	42" Flanged (FxF), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	57,713.11	2,695.02
		For Class 52 Rating, Deduct	*-5,899.27*	
		For Class 54 Rating, Add	*8,093.46*	
		For Class 55 Rating, Add	*12,057.43*	
		For Class 56 Rating, Add	*15,967.77*	
40 05 19 00-2550	EA	42" Flanged (FxF), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	59,408.86	2,699.00
		For Class 52 Rating, Deduct	*-6,085.14*	
		For Class 54 Rating, Add	*8,346.99*	
		For Class 55 Rating, Add	*12,434.39*	
		For Class 56 Rating, Add	*16,466.46*	
40 05 19 00-2551	EA	42" Flanged (FxF), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	61,118.67	2,702.97
		For Class 52 Rating, Deduct	*-6,272.56*	
		For Class 54 Rating, Add	*8,602.63*	
		For Class 55 Rating, Add	*12,814.47*	
		For Class 56 Rating, Add	*16,969.29*	
40 05 19 00-2552	EA	42" Flanged (FxF), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	62,814.41	2,706.95
		For Class 52 Rating, Deduct	*-6,458.43*	
		For Class 54 Rating, Add	*8,856.16*	
		For Class 55 Rating, Add	*13,191.43*	
		For Class 56 Rating, Add	*17,467.98*	
40 05 19 00-2553	EA	42" Flanged (FxF), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	64,529.84	2,710.93
		For Class 52 Rating, Deduct	*-6,646.46*	
		For Class 54 Rating, Add	*9,112.65*	
		For Class 55 Rating, Add	*13,572.77*	
		For Class 56 Rating, Add	*17,972.47*	
40 05 19 00-2554	EA	42" Flanged (FxF), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	66,225.58	2,714.90
		For Class 52 Rating, Deduct	*-6,832.33*	
		For Class 54 Rating, Add	*9,366.18*	
		For Class 55 Rating, Add	*13,949.72*	
		For Class 56 Rating, Add	*18,471.15*	
40 05 19 00-2555	EA	42" Flanged (FxF), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	67,935.39	2,718.87
		For Class 52 Rating, Deduct	*-7,019.75*	
		For Class 54 Rating, Add	*9,621.82*	
		For Class 55 Rating, Add	*14,329.81*	
		For Class 56 Rating, Add	*18,973.99*	
40 05 19 00-2556	EA	42" Flanged (FxF), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	69,633.95	2,722.85
		For Class 52 Rating, Deduct	*-7,205.93*	
		For Class 54 Rating, Add	*9,875.77*	
		For Class 55 Rating, Add	*14,707.39*	
		For Class 56 Rating, Add	*19,473.50*	
40 05 19 00-2557	EA	42" Flanged (FxF), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	71,009.19	2,726.82
		For Class 52 Rating, Deduct	*-7,356.54*	
		For Class 54 Rating, Add	*10,081.22*	
		For Class 55 Rating, Add	*15,012.87*	
		For Class 56 Rating, Add	*19,877.64*	
40 05 19 00-2558	EA	42" Flanged (FxF), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	73,045.11	2,730.80
		For Class 52 Rating, Deduct	*-7,579.83*	
		For Class 54 Rating, Add	*10,385.78*	
		For Class 55 Rating, Add	*15,465.68*	
		For Class 56 Rating, Add	*20,476.68*	
40 05 19 00-2559	EA	42" Flanged (FxF), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	74,740.86	2,734.78
		For Class 52 Rating, Deduct	*-7,765.70*	
		For Class 54 Rating, Add	*10,639.31*	
		For Class 55 Rating, Add	*15,842.64*	
		For Class 56 Rating, Add	*20,975.36*	
40 05 19 00-2560	EA	42" Flanged (FxF), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	76,453.48	2,738.75
		For Class 52 Rating, Deduct	*-7,953.42*	
		For Class 54 Rating, Add	*10,895.37*	
		For Class 55 Rating, Add	*16,223.35*	
		For Class 56 Rating, Add	*21,479.03*	
40 05 19 00-2561	EA	42" Flanged (FxF), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	78,152.03	2,742.73
		For Class 52 Rating, Deduct	*-8,139.60*	
		For Class 54 Rating, Add	*11,149.33*	
		For Class 55 Rating, Add	*16,600.93*	
		For Class 56 Rating, Add	*21,978.54*	
40 05 19 00-2562	EA	42" Flanged (FxF), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	79,867.47	2,746.70
		For Class 52 Rating, Deduct	*-8,327.64*	
		For Class 54 Rating, Add	*11,405.81*	
		For Class 55 Rating, Add	*16,982.27*	
		For Class 56 Rating, Add	*22,483.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2563	EA	42" Flanged (FxF), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	81,560.40	2,750.67
		For Class 52 Rating, Deduct	*-8,513.20*	
		For Class 54 Rating, Add	*11,658.92*	
		For Class 55 Rating, Add	*17,358.60*	
		For Class 56 Rating, Add	*22,980.89*	

40 05 19 00-2564 48" Flanged End (FxF), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-2060)*

40 05 19 00-2565	EA	48" Flanged (FxF), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	29,814.91	3,287.29
		For Class 52 Rating, Deduct	*-2,731.76*	
		For Class 54 Rating, Add	*3,784.89*	
		For Class 55 Rating, Add	*5,657.56*	
		For Class 56 Rating, Add	*7,505.38*	
40 05 19 00-2566	EA	48" Flanged (FxF), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	32,233.21	3,291.27
		For Class 52 Rating, Deduct	*-2,997.11*	
		For Class 54 Rating, Add	*4,146.81*	
		For Class 55 Rating, Add	*6,195.64*	
		For Class 56 Rating, Add	*8,217.22*	
40 05 19 00-2567	EA	48" Flanged (FxF), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	34,657.15	3,295.24
		For Class 52 Rating, Deduct	*-3,263.08*	
		For Class 54 Rating, Add	*4,509.57*	
		For Class 55 Rating, Add	*6,734.98*	
		For Class 56 Rating, Add	*8,930.72*	
40 05 19 00-2568	EA	48" Flanged (FxF), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	37,109.19	3,299.22
		For Class 52 Rating, Deduct	*-3,532.14*	
		For Class 54 Rating, Add	*4,876.54*	
		For Class 55 Rating, Add	*7,280.58*	
		For Class 56 Rating, Add	*9,652.52*	
40 05 19 00-2569	EA	48" Flanged (FxF), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	39,552.80	3,303.20
		For Class 52 Rating, Deduct	*-3,800.28*	
		For Class 54 Rating, Add	*5,242.25*	
		For Class 55 Rating, Add	*7,824.31*	
		For Class 56 Rating, Add	*10,371.82*	
40 05 19 00-2570	EA	48" Flanged (FxF), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	42,002.03	3,307.17
		For Class 52 Rating, Deduct	*-4,069.03*	
		For Class 54 Rating, Add	*5,608.81*	
		For Class 55 Rating, Add	*8,369.29*	
		For Class 56 Rating, Add	*11,092.79*	
40 05 19 00-2571	EA	48" Flanged (FxF), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	44,468.13	3,311.14
		For Class 52 Rating, Deduct	*-4,339.64*	
		For Class 54 Rating, Add	*5,977.89*	
		For Class 55 Rating, Add	*8,918.03*	
		For Class 56 Rating, Add	*11,818.73*	
40 05 19 00-2572	EA	48" Flanged (FxF), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	46,928.62	3,315.12
		For Class 52 Rating, Deduct	*-4,609.63*	
		For Class 54 Rating, Add	*6,346.13*	
		For Class 55 Rating, Add	*9,465.52*	
		For Class 56 Rating, Add	*12,543.01*	
40 05 19 00-2573	EA	48" Flanged (FxF), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	49,386.28	3,319.09
		For Class 52 Rating, Deduct	*-4,879.31*	
		For Class 54 Rating, Add	*6,713.95*	
		For Class 55 Rating, Add	*10,012.38*	
		For Class 56 Rating, Add	*13,266.46*	
40 05 19 00-2574	EA	48" Flanged (FxF), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	51,869.25	3,323.07
		For Class 52 Rating, Deduct	*-5,151.77*	
		For Class 54 Rating, Add	*7,085.56*	
		For Class 55 Rating, Add	*10,564.89*	
		For Class 56 Rating, Add	*13,997.38*	
40 05 19 00-2575	EA	48" Flanged (FxF), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	54,335.35	3,327.05
		For Class 52 Rating, Deduct	*-5,422.38*	
		For Class 54 Rating, Add	*7,454.65*	
		For Class 55 Rating, Add	*11,113.63*	
		For Class 56 Rating, Add	*14,723.32*	
40 05 19 00-2576	EA	48" Flanged (FxF), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	56,821.14	3,331.02
		For Class 52 Rating, Deduct	*-5,695.16*	
		For Class 54 Rating, Add	*7,826.69*	
		For Class 55 Rating, Add	*11,666.76*	
		For Class 56 Rating, Add	*15,455.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2577	EA	48" Flanged (FxF), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	59,292.86	3,335.00
		For Class 52 Rating, Deduct	*-5,966.38*	
		For Class 54 Rating, Add	*8,196.61*	
		For Class 55 Rating, Add	*12,216.76*	
		For Class 56 Rating, Add	*16,182.66*	
40 05 19 00-2578	EA	48" Flanged (FxF), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	61,767.41	3,338.97
		For Class 52 Rating, Deduct	*-6,237.92*	
		For Class 54 Rating, Add	*8,566.96*	
		For Class 55 Rating, Add	*12,767.38*	
		For Class 56 Rating, Add	*16,911.09*	
40 05 19 00-2579	EA	48" Flanged (FxF), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	64,258.81	3,342.94
		For Class 52 Rating, Deduct	*-6,511.31*	
		For Class 54 Rating, Add	*8,939.84*	
		For Class 55 Rating, Add	*13,321.77*	
		For Class 56 Rating, Add	*17,644.50*	
40 05 19 00-2580	EA	48" Flanged (FxF), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	66,738.97	3,346.92
		For Class 52 Rating, Deduct	*-6,783.47*	
		For Class 54 Rating, Add	*9,311.04*	
		For Class 55 Rating, Add	*13,873.64*	
		For Class 56 Rating, Add	*18,374.58*	
40 05 19 00-2581	EA	48" Flanged (FxF), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	69,216.32	3,350.89
		For Class 52 Rating, Deduct	*-7,055.31*	
		For Class 54 Rating, Add	*9,681.81*	
		For Class 55 Rating, Add	*14,424.89*	
		For Class 56 Rating, Add	*19,103.84*	
40 05 19 00-2582	EA	48" Flanged (FxF), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	71,713.34	3,354.86
		For Class 52 Rating, Deduct	*-7,329.32*	
		For Class 54 Rating, Add	*10,055.53*	
		For Class 55 Rating, Add	*14,980.53*	
		For Class 56 Rating, Add	*19,838.90*	
40 05 19 00-2583	EA	48" Flanged (FxF), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	74,196.32	3,358.85
		For Class 52 Rating, Deduct	*-7,601.79*	
		For Class 54 Rating, Add	*10,427.14*	
		For Class 55 Rating, Add	*15,533.04*	
		For Class 56 Rating, Add	*20,569.82*	
40 05 19 00-2584	EA	48" Flanged (FxF), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	76,676.48	3,362.82
		For Class 52 Rating, Deduct	*-7,873.94*	
		For Class 54 Rating, Add	*10,798.34*	
		For Class 55 Rating, Add	*16,084.91*	
		For Class 56 Rating, Add	*21,299.91*	
40 05 19 00-2585	EA	48" Flanged (FxF), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	79,176.33	3,366.79
		For Class 52 Rating, Deduct	*-8,148.26*	
		For Class 54 Rating, Add	*11,172.48*	
		For Class 55 Rating, Add	*16,641.18*	
		For Class 56 Rating, Add	*22,035.80*	
40 05 19 00-2586	EA	48" Flanged (FxF), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	81,664.91	3,370.77
		For Class 52 Rating, Deduct	*-8,421.35*	
		For Class 54 Rating, Add	*11,544.94*	
		For Class 55 Rating, Add	*17,194.94*	
		For Class 56 Rating, Add	*22,768.38*	
40 05 19 00-2587	EA	48" Flanged (FxF), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	84,147.89	3,374.74
		For Class 52 Rating, Deduct	*-8,693.81*	
		For Class 54 Rating, Add	*11,916.56*	
		For Class 55 Rating, Add	*17,747.44*	
		For Class 56 Rating, Add	*23,499.30*	
40 05 19 00-2588	EA	48" Flanged (FxF), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	86,650.54	3,378.72
		For Class 52 Rating, Deduct	*-8,968.44*	
		For Class 54 Rating, Add	*12,291.12*	
		For Class 55 Rating, Add	*18,304.34*	
		For Class 56 Rating, Add	*24,236.02*	
40 05 19 00-2589	EA	48" Flanged (FxF), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	89,139.14	3,382.69
		For Class 52 Rating, Deduct	*-9,241.52*	
		For Class 54 Rating, Add	*12,663.58*	
		For Class 55 Rating, Add	*18,858.09*	
		For Class 56 Rating, Add	*24,968.59*	
40 05 19 00-2590	EA	48" Flanged (FxF), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	91,624.92	3,386.67
		For Class 52 Rating, Deduct	*-9,514.30*	
		For Class 54 Rating, Add	*13,035.62*	
		For Class 55 Rating, Add	*19,411.22*	
		For Class 56 Rating, Add	*25,700.34*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2591	EA	48" Flanged (FxF), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	94,130.37	3,390.65
		For Class 52 Rating, Deduct	*-9,789.23*	
		For Class 54 Rating, Add	*13,410.60*	
		For Class 55 Rating, Add	*19,968.74*	
		For Class 56 Rating, Add	*26,437.89*	
40 05 19 00-2592	EA	48" Flanged (FxF), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	96,621.79	3,394.62
		For Class 52 Rating, Deduct	*-10,062.63*	
		For Class 54 Rating, Add	*13,783.48*	
		For Class 55 Rating, Add	*20,523.13*	
		For Class 56 Rating, Add	*27,171.30*	
40 05 19 00-2593	EA	48" Flanged (FxF), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	98,820.79	3,398.59
		For Class 52 Rating, Deduct	*-10,303.86*	
		For Class 54 Rating, Add	*14,112.50*	
		For Class 55 Rating, Add	*21,012.31*	
		For Class 56 Rating, Add	*27,818.44*	
40 05 19 00-2594	EA	48" Flanged (FxF), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	101,618.66	3,402.57
		For Class 52 Rating, Deduct	*-10,610.96*	
		For Class 54 Rating, Add	*14,531.35*	
		For Class 55 Rating, Add	*21,635.03*	
		For Class 56 Rating, Add	*28,642.25*	
40 05 19 00-2595	EA	48" Flanged (FxF), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	104,107.25	3,406.54
		For Class 52 Rating, Deduct	*-10,884.04*	
		For Class 54 Rating, Add	*14,903.81*	
		For Class 55 Rating, Add	*22,188.79*	
		For Class 56 Rating, Add	*29,374.83*	
40 05 19 00-2596	EA	48" Flanged (FxF), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	106,618.35	3,410.51
		For Class 52 Rating, Deduct	*-11,159.60*	
		For Class 54 Rating, Add	*15,279.64*	
		For Class 55 Rating, Add	*22,747.57*	
		For Class 56 Rating, Add	*30,114.04*	
40 05 19 00-2597	EA	48" Flanged (FxF), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	109,106.93	3,414.50
		For Class 52 Rating, Deduct	*-11,432.68*	
		For Class 54 Rating, Add	*15,652.10*	
		For Class 55 Rating, Add	*23,301.32*	
		For Class 56 Rating, Add	*30,846.62*	
40 05 19 00-2598	EA	48" Flanged (FxF), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	111,595.53	3,418.47
		For Class 52 Rating, Deduct	*-11,705.76*	
		For Class 54 Rating, Add	*16,024.56*	
		For Class 55 Rating, Add	*23,855.08*	
		For Class 56 Rating, Add	*31,579.19*	
40 05 19 00-2599	EA	48" Flanged (FxF), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	114,109.43	3,422.44
		For Class 52 Rating, Deduct	*-11,981.63*	
		For Class 54 Rating, Add	*16,400.81*	
		For Class 55 Rating, Add	*24,414.48*	
		For Class 56 Rating, Add	*32,319.23*	

40 05 19 00-2600 Flanged End x Grooved End (FxG), Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-2059)*

40 05 19 00-2601 4" Flanged End x Grooved End (FxG), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-2600)*

40 05 19 00-2602	EA	4" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	778.86	181.90
		For Class 52 Rating, Deduct	*-55.36*	
		For Class 54 Rating, Add	*78.80*	
		For Class 55 Rating, Add	*118.84*	
		For Class 56 Rating, Add	*158.38*	
40 05 19 00-2603	EA	4" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	890.52	185.08
		For Class 52 Rating, Deduct	*-67.11*	
		For Class 54 Rating, Add	*94.88*	
		For Class 55 Rating, Add	*142.78*	
		For Class 56 Rating, Add	*190.07*	
40 05 19 00-2604	EA	4" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,002.17	188.26
		For Class 52 Rating, Deduct	*-78.86*	
		For Class 54 Rating, Add	*110.96*	
		For Class 55 Rating, Add	*166.72*	
		For Class 56 Rating, Add	*221.77*	
40 05 19 00-2605	EA	4" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,113.83	191.43
		For Class 52 Rating, Deduct	*-90.62*	
		For Class 54 Rating, Add	*127.05*	
		For Class 55 Rating, Add	*190.66*	
		For Class 56 Rating, Add	*253.46*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2606	EA	4" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,225.48	194.61
		For Class 52 Rating, Deduct	*-102.37*	
		For Class 54 Rating, Add	*143.13*	
		For Class 55 Rating, Add	*214.60*	
		For Class 56 Rating, Add	*285.15*	
40 05 19 00-2607	EA	4" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,337.13	197.79
		For Class 52 Rating, Deduct	*-114.12*	
		For Class 54 Rating, Add	*159.21*	
		For Class 55 Rating, Add	*238.54*	
		For Class 56 Rating, Add	*316.84*	
40 05 19 00-2608	EA	4" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,448.80	200.98
		For Class 52 Rating, Deduct	*-125.87*	
		For Class 54 Rating, Add	*175.30*	
		For Class 55 Rating, Add	*262.48*	
		For Class 56 Rating, Add	*348.53*	
40 05 19 00-2609	EA	4" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,560.46	204.16
		For Class 52 Rating, Deduct	*-137.62*	
		For Class 54 Rating, Add	*191.38*	
		For Class 55 Rating, Add	*286.43*	
		For Class 56 Rating, Add	*380.22*	
40 05 19 00-2610	EA	4" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,672.10	207.34
		For Class 52 Rating, Deduct	*-149.38*	
		For Class 54 Rating, Add	*207.46*	
		For Class 55 Rating, Add	*310.36*	
		For Class 56 Rating, Add	*411.91*	
40 05 19 00-2611	EA	4" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,783.76	210.52
		For Class 52 Rating, Deduct	*-161.13*	
		For Class 54 Rating, Add	*223.55*	
		For Class 55 Rating, Add	*334.31*	
		For Class 56 Rating, Add	*443.60*	
40 05 19 00-2612	EA	4" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,895.42	213.70
		For Class 52 Rating, Deduct	*-172.88*	
		For Class 54 Rating, Add	*239.63*	
		For Class 55 Rating, Add	*358.25*	
		For Class 56 Rating, Add	*475.29*	
40 05 19 00-2613	EA	4" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,007.07	216.88
		For Class 52 Rating, Deduct	*-184.63*	
		For Class 54 Rating, Add	*255.72*	
		For Class 55 Rating, Add	*382.19*	
		For Class 56 Rating, Add	*506.98*	
40 05 19 00-2614	EA	4" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,118.74	220.05
		For Class 52 Rating, Deduct	*-196.39*	
		For Class 54 Rating, Add	*271.80*	
		For Class 55 Rating, Add	*406.13*	
		For Class 56 Rating, Add	*538.67*	
40 05 19 00-2615	EA	4" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,230.39	223.23
		For Class 52 Rating, Deduct	*-208.14*	
		For Class 54 Rating, Add	*287.88*	
		For Class 55 Rating, Add	*430.07*	
		For Class 56 Rating, Add	*570.36*	
40 05 19 00-2616	EA	4" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,342.04	226.41
		For Class 52 Rating, Deduct	*-219.89*	
		For Class 54 Rating, Add	*303.97*	
		For Class 55 Rating, Add	*454.01*	
		For Class 56 Rating, Add	*602.05*	
40 05 19 00-2617	EA	4" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,453.70	229.60
		For Class 52 Rating, Deduct	*-231.64*	
		For Class 54 Rating, Add	*320.05*	
		For Class 55 Rating, Add	*477.95*	
		For Class 56 Rating, Add	*633.74*	
40 05 19 00-2618	EA	4" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,565.36	232.78
		For Class 52 Rating, Deduct	*-243.39*	
		For Class 54 Rating, Add	*336.13*	
		For Class 55 Rating, Add	*501.89*	
		For Class 56 Rating, Add	*665.43*	
40 05 19 00-2619	EA	4" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,677.00	235.96
		For Class 52 Rating, Deduct	*-255.15*	
		For Class 54 Rating, Add	*352.22*	
		For Class 55 Rating, Add	*525.83*	
		For Class 56 Rating, Add	*697.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2620	EA	4" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,788.67	239.14
		For Class 52 Rating, Deduct	*-266.90*	
		For Class 54 Rating, Add	*368.30*	
		For Class 55 Rating, Add	*549.77*	
		For Class 56 Rating, Add	*728.81*	
40 05 19 00-2621	EA	4" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,900.33	242.32
		For Class 52 Rating, Deduct	*-278.65*	
		For Class 54 Rating, Add	*384.38*	
		For Class 55 Rating, Add	*573.71*	
		For Class 56 Rating, Add	*760.51*	
40 05 19 00-2622	EA	4" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,011.98	245.50
		For Class 52 Rating, Deduct	*-290.40*	
		For Class 54 Rating, Add	*400.47*	
		For Class 55 Rating, Add	*597.65*	
		For Class 56 Rating, Add	*792.20*	
40 05 19 00-2623	EA	4" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,123.64	248.67
		For Class 52 Rating, Deduct	*-302.15*	
		For Class 54 Rating, Add	*416.55*	
		For Class 55 Rating, Add	*621.59*	
		For Class 56 Rating, Add	*823.89*	
40 05 19 00-2624	EA	4" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,235.28	251.85
		For Class 52 Rating, Deduct	*-313.91*	
		For Class 54 Rating, Add	*432.63*	
		For Class 55 Rating, Add	*645.53*	
		For Class 56 Rating, Add	*855.58*	
40 05 19 00-2625	EA	4" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,346.94	255.03
		For Class 52 Rating, Deduct	*-325.66*	
		For Class 54 Rating, Add	*448.72*	
		For Class 55 Rating, Add	*669.47*	
		For Class 56 Rating, Add	*887.27*	
40 05 19 00-2626	EA	4" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,458.60	258.22
		For Class 52 Rating, Deduct	*-337.41*	
		For Class 54 Rating, Add	*464.80*	
		For Class 55 Rating, Add	*693.41*	
		For Class 56 Rating, Add	*918.96*	
40 05 19 00-2627	EA	4" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,570.26	261.40
		For Class 52 Rating, Deduct	*-349.16*	
		For Class 54 Rating, Add	*480.88*	
		For Class 55 Rating, Add	*717.35*	
		For Class 56 Rating, Add	*950.65*	
40 05 19 00-2628	EA	4" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,681.91	264.58
		For Class 52 Rating, Deduct	*-360.91*	
		For Class 54 Rating, Add	*496.97*	
		For Class 55 Rating, Add	*741.29*	
		For Class 56 Rating, Add	*982.34*	
40 05 19 00-2629	EA	4" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,793.57	267.76
		For Class 52 Rating, Deduct	*-372.67*	
		For Class 54 Rating, Add	*513.05*	
		For Class 55 Rating, Add	*765.23*	
		For Class 56 Rating, Add	*1,014.03*	
40 05 19 00-2630	EA	4" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,905.22	270.94
		For Class 52 Rating, Deduct	*-384.42*	
		For Class 54 Rating, Add	*529.13*	
		For Class 55 Rating, Add	*789.17*	
		For Class 56 Rating, Add	*1,045.72*	
40 05 19 00-2631	EA	4" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,016.88	274.11
		For Class 52 Rating, Deduct	*-396.17*	
		For Class 54 Rating, Add	*545.22*	
		For Class 55 Rating, Add	*813.12*	
		For Class 56 Rating, Add	*1,077.41*	
40 05 19 00-2632	EA	4" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,128.53	277.29
		For Class 52 Rating, Deduct	*-407.92*	
		For Class 54 Rating, Add	*561.30*	
		For Class 55 Rating, Add	*837.05*	
		For Class 56 Rating, Add	*1,109.10*	
40 05 19 00-2633	EA	4" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,240.19	280.47
		For Class 52 Rating, Deduct	*-419.68*	
		For Class 54 Rating, Add	*577.38*	
		For Class 55 Rating, Add	*861.00*	
		For Class 56 Rating, Add	*1,140.79*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2634	EA	4" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,351.85	283.65
		For Class 52 Rating, Deduct	*-431.43*	
		For Class 54 Rating, Add	*593.47*	
		For Class 55 Rating, Add	*884.94*	
		For Class 56 Rating, Add	*1,172.48*	
40 05 19 00-2635	EA	4" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,463.51	286.84
		For Class 52 Rating, Deduct	*-443.18*	
		For Class 54 Rating, Add	*609.55*	
		For Class 55 Rating, Add	*908.88*	
		For Class 56 Rating, Add	*1,204.17*	
40 05 19 00-2636	EA	4" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,575.16	290.02
		For Class 52 Rating, Deduct	*-454.93*	
		For Class 54 Rating, Add	*625.64*	
		For Class 55 Rating, Add	*932.82*	
		For Class 56 Rating, Add	*1,235.87*	
40 05 19 00-2637	EA	4" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,686.81	293.20
		For Class 52 Rating, Deduct	*-466.68*	
		For Class 54 Rating, Add	*641.72*	
		For Class 55 Rating, Add	*956.76*	
		For Class 56 Rating, Add	*1,267.55*	
40 05 19 00-2638	EA	4" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,798.47	296.38
		For Class 52 Rating, Deduct	*-478.44*	
		For Class 54 Rating, Add	*657.80*	
		For Class 55 Rating, Add	*980.70*	
		For Class 56 Rating, Add	*1,299.24*	
40 05 19 00-2639	EA	4" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,882.01	299.56
		For Class 52 Rating, Deduct	*-487.10*	
		For Class 54 Rating, Add	*669.67*	
		For Class 55 Rating, Add	*998.37*	
		For Class 56 Rating, Add	*1,322.64*	
40 05 19 00-2640	EA	4" Flanged x Grooved (FxG), 20'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,021.79	302.73
		For Class 52 Rating, Deduct	*-501.94*	
		For Class 54 Rating, Add	*689.97*	
		For Class 55 Rating, Add	*1,028.58*	
		For Class 56 Rating, Add	*1,362.63*	

40 05 19 00-2641 6" Flanged End x Grooved End (FxG), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-2600)*

40 05 19 00-2642	EA	6" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,007.61	228.96
		For Class 52 Rating, Deduct	*-72.68*	
		For Class 54 Rating, Add	*103.27*	
		For Class 55 Rating, Add	*155.66*	
		For Class 56 Rating, Add	*207.40*	
40 05 19 00-2643	EA	6" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,136.14	232.14
		For Class 52 Rating, Deduct	*-86.29*	
		For Class 54 Rating, Add	*121.88*	
		For Class 55 Rating, Add	*183.36*	
		For Class 56 Rating, Add	*244.06*	
40 05 19 00-2644	EA	6" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,264.66	235.31
		For Class 52 Rating, Deduct	*-99.89*	
		For Class 54 Rating, Add	*140.50*	
		For Class 55 Rating, Add	*211.07*	
		For Class 56 Rating, Add	*280.73*	
40 05 19 00-2645	EA	6" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,393.19	238.49
		For Class 52 Rating, Deduct	*-113.50*	
		For Class 54 Rating, Add	*159.11*	
		For Class 55 Rating, Add	*238.77*	
		For Class 56 Rating, Add	*317.40*	
40 05 19 00-2646	EA	6" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,521.71	241.68
		For Class 52 Rating, Deduct	*-127.11*	
		For Class 54 Rating, Add	*177.72*	
		For Class 55 Rating, Add	*266.47*	
		For Class 56 Rating, Add	*354.06*	
40 05 19 00-2647	EA	6" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,650.23	244.86
		For Class 52 Rating, Deduct	*-140.72*	
		For Class 54 Rating, Add	*196.34*	
		For Class 55 Rating, Add	*294.17*	
		For Class 56 Rating, Add	*390.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2648	EA	6" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,778.76	248.04
		For Class 52 Rating, Deduct	*-154.32*	
		For Class 54 Rating, Add	*214.95*	
		For Class 55 Rating, Add	*321.88*	
		For Class 56 Rating, Add	*427.40*	
40 05 19 00-2649	EA	6" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,907.30	251.22
		For Class 52 Rating, Deduct	*-167.93*	
		For Class 54 Rating, Add	*233.57*	
		For Class 55 Rating, Add	*349.58*	
		For Class 56 Rating, Add	*464.07*	
40 05 19 00-2650	EA	6" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,035.81	254.40
		For Class 52 Rating, Deduct	*-181.54*	
		For Class 54 Rating, Add	*252.18*	
		For Class 55 Rating, Add	*377.28*	
		For Class 56 Rating, Add	*500.73*	
40 05 19 00-2651	EA	6" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,164.34	257.58
		For Class 52 Rating, Deduct	*-195.15*	
		For Class 54 Rating, Add	*270.79*	
		For Class 55 Rating, Add	*404.98*	
		For Class 56 Rating, Add	*537.40*	
40 05 19 00-2652	EA	6" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,292.87	260.76
		For Class 52 Rating, Deduct	*-208.76*	
		For Class 54 Rating, Add	*289.41*	
		For Class 55 Rating, Add	*432.69*	
		For Class 56 Rating, Add	*574.07*	
40 05 19 00-2653	EA	6" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,421.38	263.93
		For Class 52 Rating, Deduct	*-222.36*	
		For Class 54 Rating, Add	*308.02*	
		For Class 55 Rating, Add	*460.39*	
		For Class 56 Rating, Add	*610.73*	
40 05 19 00-2654	EA	6" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,549.91	267.11
		For Class 52 Rating, Deduct	*-235.97*	
		For Class 54 Rating, Add	*326.64*	
		For Class 55 Rating, Add	*488.09*	
		For Class 56 Rating, Add	*647.40*	
40 05 19 00-2655	EA	6" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,678.44	270.30
		For Class 52 Rating, Deduct	*-249.58*	
		For Class 54 Rating, Add	*345.25*	
		For Class 55 Rating, Add	*515.79*	
		For Class 56 Rating, Add	*684.07*	
40 05 19 00-2656	EA	6" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,806.96	273.48
		For Class 52 Rating, Deduct	*-263.19*	
		For Class 54 Rating, Add	*363.86*	
		For Class 55 Rating, Add	*543.49*	
		For Class 56 Rating, Add	*720.73*	
40 05 19 00-2657	EA	6" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,935.49	276.66
		For Class 52 Rating, Deduct	*-276.79*	
		For Class 54 Rating, Add	*382.48*	
		For Class 55 Rating, Add	*571.20*	
		For Class 56 Rating, Add	*757.40*	
40 05 19 00-2658	EA	6" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,064.02	279.84
		For Class 52 Rating, Deduct	*-290.40*	
		For Class 54 Rating, Add	*401.09*	
		For Class 55 Rating, Add	*598.90*	
		For Class 56 Rating, Add	*794.07*	
40 05 19 00-2659	EA	6" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,192.53	283.02
		For Class 52 Rating, Deduct	*-304.01*	
		For Class 54 Rating, Add	*419.70*	
		For Class 55 Rating, Add	*626.60*	
		For Class 56 Rating, Add	*830.73*	
40 05 19 00-2660	EA	6" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,321.06	286.20
		For Class 52 Rating, Deduct	*-317.62*	
		For Class 54 Rating, Add	*438.32*	
		For Class 55 Rating, Add	*654.30*	
		For Class 56 Rating, Add	*867.40*	
40 05 19 00-2661	EA	6" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,449.59	289.38
		For Class 52 Rating, Deduct	*-331.23*	
		For Class 54 Rating, Add	*456.93*	
		For Class 55 Rating, Add	*682.01*	
		For Class 56 Rating, Add	*904.07*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2662	EA	6" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,578.11	292.55
		For Class 52 Rating, Deduct	*-344.83*	
		For Class 54 Rating, Add	*475.55*	
		For Class 55 Rating, Add	*709.71*	
		For Class 56 Rating, Add	*940.74*	
40 05 19 00-2663	EA	6" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,706.64	295.73
		For Class 52 Rating, Deduct	*-358.44*	
		For Class 54 Rating, Add	*494.16*	
		For Class 55 Rating, Add	*737.41*	
		For Class 56 Rating, Add	*977.40*	
40 05 19 00-2664	EA	6" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,835.17	298.92
		For Class 52 Rating, Deduct	*-372.05*	
		For Class 54 Rating, Add	*512.77*	
		For Class 55 Rating, Add	*765.11*	
		For Class 56 Rating, Add	*1,014.07*	
40 05 19 00-2665	EA	6" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,963.69	302.10
		For Class 52 Rating, Deduct	*-385.66*	
		For Class 54 Rating, Add	*531.39*	
		For Class 55 Rating, Add	*792.82*	
		For Class 56 Rating, Add	*1,050.74*	
40 05 19 00-2666	EA	6" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,092.21	305.28
		For Class 52 Rating, Deduct	*-399.26*	
		For Class 54 Rating, Add	*550.00*	
		For Class 55 Rating, Add	*820.52*	
		For Class 56 Rating, Add	*1,087.40*	
40 05 19 00-2667	EA	6" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,220.74	308.46
		For Class 52 Rating, Deduct	*-412.87*	
		For Class 54 Rating, Add	*568.62*	
		For Class 55 Rating, Add	*848.22*	
		For Class 56 Rating, Add	*1,124.07*	
40 05 19 00-2668	EA	6" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,349.27	311.64
		For Class 52 Rating, Deduct	*-426.48*	
		For Class 54 Rating, Add	*587.23*	
		For Class 55 Rating, Add	*875.92*	
		For Class 56 Rating, Add	*1,160.74*	
40 05 19 00-2669	EA	6" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,477.79	314.82
		For Class 52 Rating, Deduct	*-440.09*	
		For Class 54 Rating, Add	*605.84*	
		For Class 55 Rating, Add	*903.62*	
		For Class 56 Rating, Add	*1,197.41*	
40 05 19 00-2670	EA	6" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,606.32	317.99
		For Class 52 Rating, Deduct	*-453.70*	
		For Class 54 Rating, Add	*624.46*	
		For Class 55 Rating, Add	*931.33*	
		For Class 56 Rating, Add	*1,234.07*	
40 05 19 00-2671	EA	6" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,734.84	321.17
		For Class 52 Rating, Deduct	*-467.30*	
		For Class 54 Rating, Add	*643.07*	
		For Class 55 Rating, Add	*959.03*	
		For Class 56 Rating, Add	*1,270.74*	
40 05 19 00-2672	EA	6" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,863.36	324.35
		For Class 52 Rating, Deduct	*-480.91*	
		For Class 54 Rating, Add	*661.68*	
		For Class 55 Rating, Add	*986.73*	
		For Class 56 Rating, Add	*1,307.41*	
40 05 19 00-2673	EA	6" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,991.88	327.54
		For Class 52 Rating, Deduct	*-494.52*	
		For Class 54 Rating, Add	*680.30*	
		For Class 55 Rating, Add	*1,014.43*	
		For Class 56 Rating, Add	*1,344.07*	
40 05 19 00-2674	EA	6" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,120.41	330.72
		For Class 52 Rating, Deduct	*-508.13*	
		For Class 54 Rating, Add	*698.91*	
		For Class 55 Rating, Add	*1,042.14*	
		For Class 56 Rating, Add	*1,380.74*	
40 05 19 00-2675	EA	6" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,248.94	333.90
		For Class 52 Rating, Deduct	*-521.73*	
		For Class 54 Rating, Add	*717.53*	
		For Class 55 Rating, Add	*1,069.84*	
		For Class 56 Rating, Add	*1,417.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2676	EA	6" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,377.46	337.08
		For Class 52 Rating, Deduct	*-535.34*	
		For Class 54 Rating, Add	*736.14*	
		For Class 55 Rating, Add	*1,097.54*	
		For Class 56 Rating, Add	*1,454.07*	
40 05 19 00-2677	EA	6" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,505.99	340.26
		For Class 52 Rating, Deduct	*-548.95*	
		For Class 54 Rating, Add	*754.75*	
		For Class 55 Rating, Add	*1,125.24*	
		For Class 56 Rating, Add	*1,490.74*	
40 05 19 00-2678	EA	6" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,634.51	343.44
		For Class 52 Rating, Deduct	*-562.56*	
		For Class 54 Rating, Add	*773.37*	
		For Class 55 Rating, Add	*1,152.94*	
		For Class 56 Rating, Add	*1,527.41*	
40 05 19 00-2679	EA	6" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,763.03	346.61
		For Class 52 Rating, Deduct	*-576.16*	
		For Class 54 Rating, Add	*791.98*	
		For Class 55 Rating, Add	*1,180.65*	
		For Class 56 Rating, Add	*1,564.07*	
40 05 19 00-2680	EA	6" Flanged x Grooved (FxG), 20'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,891.56	349.79
		For Class 52 Rating, Deduct	*-589.77*	
		For Class 54 Rating, Add	*810.60*	
		For Class 55 Rating, Add	*1,208.35*	
		For Class 56 Rating, Add	*1,600.74*	

40 05 19 00-2681 8" Flanged End x Grooved End (FxG), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-2600)*

40 05 19 00-2682	EA	8" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,382.32	292.55
		For Class 52 Rating, Deduct	*-103.30*	
		For Class 54 Rating, Add	*146.18*	
		For Class 55 Rating, Add	*220.05*	
		For Class 56 Rating, Add	*292.98*	
40 05 19 00-2683	EA	8" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,547.39	295.73
		For Class 52 Rating, Deduct	*-120.92*	
		For Class 54 Rating, Add	*170.27*	
		For Class 55 Rating, Add	*255.90*	
		For Class 56 Rating, Add	*340.42*	
40 05 19 00-2684	EA	8" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,712.47	298.92
		For Class 52 Rating, Deduct	*-138.55*	
		For Class 54 Rating, Add	*194.37*	
		For Class 55 Rating, Add	*291.75*	
		For Class 56 Rating, Add	*387.87*	
40 05 19 00-2685	EA	8" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,877.54	302.10
		For Class 52 Rating, Deduct	*-156.18*	
		For Class 54 Rating, Add	*218.47*	
		For Class 55 Rating, Add	*327.61*	
		For Class 56 Rating, Add	*435.32*	
40 05 19 00-2686	EA	8" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,042.61	305.28
		For Class 52 Rating, Deduct	*-173.81*	
		For Class 54 Rating, Add	*242.56*	
		For Class 55 Rating, Add	*363.46*	
		For Class 56 Rating, Add	*482.77*	
40 05 19 00-2687	EA	8" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,207.69	308.46
		For Class 52 Rating, Deduct	*-191.44*	
		For Class 54 Rating, Add	*266.66*	
		For Class 55 Rating, Add	*399.31*	
		For Class 56 Rating, Add	*530.22*	
40 05 19 00-2688	EA	8" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,372.77	311.64
		For Class 52 Rating, Deduct	*-209.06*	
		For Class 54 Rating, Add	*290.75*	
		For Class 55 Rating, Add	*435.16*	
		For Class 56 Rating, Add	*577.67*	
40 05 19 00-2689	EA	8" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,537.84	314.82
		For Class 52 Rating, Deduct	*-226.69*	
		For Class 54 Rating, Add	*314.85*	
		For Class 55 Rating, Add	*471.02*	
		For Class 56 Rating, Add	*625.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2690	EA	8" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,702.92	317.99
		For Class 52 Rating, Deduct	*-244.32*	
		For Class 54 Rating, Add	*338.95*	
		For Class 55 Rating, Add	*506.87*	
		For Class 56 Rating, Add	*672.57*	
40 05 19 00-2691	EA	8" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,867.99	321.17
		For Class 52 Rating, Deduct	*-261.95*	
		For Class 54 Rating, Add	*363.04*	
		For Class 55 Rating, Add	*542.72*	
		For Class 56 Rating, Add	*720.02*	
40 05 19 00-2692	EA	8" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,033.06	324.35
		For Class 52 Rating, Deduct	*-279.58*	
		For Class 54 Rating, Add	*387.14*	
		For Class 55 Rating, Add	*578.57*	
		For Class 56 Rating, Add	*767.47*	
40 05 19 00-2693	EA	8" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,198.13	327.54
		For Class 52 Rating, Deduct	*-297.21*	
		For Class 54 Rating, Add	*411.24*	
		For Class 55 Rating, Add	*614.43*	
		For Class 56 Rating, Add	*814.92*	
40 05 19 00-2694	EA	8" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,363.21	330.72
		For Class 52 Rating, Deduct	*-314.83*	
		For Class 54 Rating, Add	*435.33*	
		For Class 55 Rating, Add	*650.28*	
		For Class 56 Rating, Add	*862.37*	
40 05 19 00-2695	EA	8" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,528.29	333.90
		For Class 52 Rating, Deduct	*-332.46*	
		For Class 54 Rating, Add	*459.43*	
		For Class 55 Rating, Add	*686.13*	
		For Class 56 Rating, Add	*909.81*	
40 05 19 00-2696	EA	8" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,693.36	337.08
		For Class 52 Rating, Deduct	*-350.09*	
		For Class 54 Rating, Add	*483.52*	
		For Class 55 Rating, Add	*721.99*	
		For Class 56 Rating, Add	*957.26*	
40 05 19 00-2697	EA	8" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,858.44	340.26
		For Class 52 Rating, Deduct	*-367.72*	
		For Class 54 Rating, Add	*507.62*	
		For Class 55 Rating, Add	*757.84*	
		For Class 56 Rating, Add	*1,004.71*	
40 05 19 00-2698	EA	8" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,023.51	343.44
		For Class 52 Rating, Deduct	*-385.35*	
		For Class 54 Rating, Add	*531.72*	
		For Class 55 Rating, Add	*793.69*	
		For Class 56 Rating, Add	*1,052.16*	
40 05 19 00-2699	EA	8" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,188.58	346.61
		For Class 52 Rating, Deduct	*-402.98*	
		For Class 54 Rating, Add	*555.81*	
		For Class 55 Rating, Add	*829.54*	
		For Class 56 Rating, Add	*1,099.61*	
40 05 19 00-2700	EA	8" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,353.66	349.79
		For Class 52 Rating, Deduct	*-420.60*	
		For Class 54 Rating, Add	*579.91*	
		For Class 55 Rating, Add	*865.40*	
		For Class 56 Rating, Add	*1,147.06*	
40 05 19 00-2701	EA	8" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,518.74	352.97
		For Class 52 Rating, Deduct	*-438.23*	
		For Class 54 Rating, Add	*604.01*	
		For Class 55 Rating, Add	*901.25*	
		For Class 56 Rating, Add	*1,194.51*	
40 05 19 00-2702	EA	8" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,683.81	356.16
		For Class 52 Rating, Deduct	*-455.86*	
		For Class 54 Rating, Add	*628.10*	
		For Class 55 Rating, Add	*937.10*	
		For Class 56 Rating, Add	*1,241.96*	
40 05 19 00-2703	EA	8" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,848.89	359.34
		For Class 52 Rating, Deduct	*-473.49*	
		For Class 54 Rating, Add	*652.20*	
		For Class 55 Rating, Add	*972.96*	
		For Class 56 Rating, Add	*1,289.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2704	EA	8" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,013.96	362.52
		For Class 52 Rating, Deduct	*-491.12*	
		For Class 54 Rating, Add	*676.29*	
		For Class 55 Rating, Add	*1,008.81*	
		For Class 56 Rating, Add	*1,336.86*	
40 05 19 00-2705	EA	8" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,179.03	365.70
		For Class 52 Rating, Deduct	*-508.74*	
		For Class 54 Rating, Add	*700.39*	
		For Class 55 Rating, Add	*1,044.66*	
		For Class 56 Rating, Add	*1,384.31*	
40 05 19 00-2706	EA	8" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,344.11	368.88
		For Class 52 Rating, Deduct	*-526.37*	
		For Class 54 Rating, Add	*724.49*	
		For Class 55 Rating, Add	*1,080.52*	
		For Class 56 Rating, Add	*1,431.76*	
40 05 19 00-2707	EA	8" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,509.19	372.06
		For Class 52 Rating, Deduct	*-544.00*	
		For Class 54 Rating, Add	*748.58*	
		For Class 55 Rating, Add	*1,116.37*	
		For Class 56 Rating, Add	*1,479.20*	
40 05 19 00-2708	EA	8" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,674.26	375.23
		For Class 52 Rating, Deduct	*-561.63*	
		For Class 54 Rating, Add	*772.68*	
		For Class 55 Rating, Add	*1,152.22*	
		For Class 56 Rating, Add	*1,526.65*	
40 05 19 00-2709	EA	8" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,839.34	378.41
		For Class 52 Rating, Deduct	*-579.26*	
		For Class 54 Rating, Add	*796.78*	
		For Class 55 Rating, Add	*1,188.07*	
		For Class 56 Rating, Add	*1,574.11*	
40 05 19 00-2710	EA	8" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,004.41	381.59
		For Class 52 Rating, Deduct	*-596.89*	
		For Class 54 Rating, Add	*820.87*	
		For Class 55 Rating, Add	*1,223.93*	
		For Class 56 Rating, Add	*1,621.55*	
40 05 19 00-2711	EA	8" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,169.48	384.78
		For Class 52 Rating, Deduct	*-614.51*	
		For Class 54 Rating, Add	*844.97*	
		For Class 55 Rating, Add	*1,259.78*	
		For Class 56 Rating, Add	*1,669.00*	
40 05 19 00-2712	EA	8" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,334.56	387.96
		For Class 52 Rating, Deduct	*-632.14*	
		For Class 54 Rating, Add	*869.07*	
		For Class 55 Rating, Add	*1,295.63*	
		For Class 56 Rating, Add	*1,716.45*	
40 05 19 00-2713	EA	8" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,499.64	391.14
		For Class 52 Rating, Deduct	*-649.77*	
		For Class 54 Rating, Add	*893.16*	
		For Class 55 Rating, Add	*1,331.48*	
		For Class 56 Rating, Add	*1,763.90*	
40 05 19 00-2714	EA	8" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,664.71	394.32
		For Class 52 Rating, Deduct	*-667.40*	
		For Class 54 Rating, Add	*917.26*	
		For Class 55 Rating, Add	*1,367.34*	
		For Class 56 Rating, Add	*1,811.35*	
40 05 19 00-2715	EA	8" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,829.79	397.50
		For Class 52 Rating, Deduct	*-685.03*	
		For Class 54 Rating, Add	*941.36*	
		For Class 55 Rating, Add	*1,403.19*	
		For Class 56 Rating, Add	*1,858.80*	
40 05 19 00-2716	EA	8" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,994.86	400.67
		For Class 52 Rating, Deduct	*-702.65*	
		For Class 54 Rating, Add	*965.45*	
		For Class 55 Rating, Add	*1,439.04*	
		For Class 56 Rating, Add	*1,906.25*	
40 05 19 00-2717	EA	8" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,159.93	403.85
		For Class 52 Rating, Deduct	*-720.28*	
		For Class 54 Rating, Add	*989.55*	
		For Class 55 Rating, Add	*1,474.90*	
		For Class 56 Rating, Add	*1,953.70*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2718	EA	8" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,325.01	407.03
		For Class 52 Rating, Deduct	*-737.91*	
		For Class 54 Rating, Add	*1,013.64*	
		For Class 55 Rating, Add	*1,510.75*	
		For Class 56 Rating, Add	*2,001.15*	
40 05 19 00-2719	EA	8" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,490.07	410.21
		For Class 52 Rating, Deduct	*-755.54*	
		For Class 54 Rating, Add	*1,037.74*	
		For Class 55 Rating, Add	*1,546.60*	
		For Class 56 Rating, Add	*2,048.59*	
40 05 19 00-2720	EA	8" Flanged x Grooved (FxG), 20'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,655.16	413.40
		For Class 52 Rating, Deduct	*-773.17*	
		For Class 54 Rating, Add	*1,061.84*	
		For Class 55 Rating, Add	*1,582.46*	
		For Class 56 Rating, Add	*2,096.04*	

40 05 19 00-2721 10" Flanged End x Grooved End (FxG), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-2600)*

40 05 19 00-2722	EA	10" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,737.34	356.16
		For Class 52 Rating, Deduct	*-131.75*	
		For Class 54 Rating, Add	*186.13*	
		For Class 55 Rating, Add	*280.04*	
		For Class 56 Rating, Add	*372.75*	
40 05 19 00-2723	EA	10" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,950.21	359.34
		For Class 52 Rating, Deduct	*-154.63*	
		For Class 54 Rating, Add	*217.40*	
		For Class 55 Rating, Add	*326.55*	
		For Class 56 Rating, Add	*434.30*	
40 05 19 00-2724	EA	10" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,163.08	362.52
		For Class 52 Rating, Deduct	*-177.52*	
		For Class 54 Rating, Add	*248.66*	
		For Class 55 Rating, Add	*373.06*	
		For Class 56 Rating, Add	*495.85*	
40 05 19 00-2725	EA	10" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,375.94	365.70
		For Class 52 Rating, Deduct	*-200.40*	
		For Class 54 Rating, Add	*279.93*	
		For Class 55 Rating, Add	*419.57*	
		For Class 56 Rating, Add	*557.40*	
40 05 19 00-2726	EA	10" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,588.82	368.88
		For Class 52 Rating, Deduct	*-223.29*	
		For Class 54 Rating, Add	*311.19*	
		For Class 55 Rating, Add	*466.09*	
		For Class 56 Rating, Add	*618.95*	
40 05 19 00-2727	EA	10" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,801.70	372.06
		For Class 52 Rating, Deduct	*-246.18*	
		For Class 54 Rating, Add	*342.46*	
		For Class 55 Rating, Add	*512.60*	
		For Class 56 Rating, Add	*680.50*	
40 05 19 00-2728	EA	10" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,014.56	375.23
		For Class 52 Rating, Deduct	*-269.06*	
		For Class 54 Rating, Add	*373.73*	
		For Class 55 Rating, Add	*559.11*	
		For Class 56 Rating, Add	*742.04*	
40 05 19 00-2729	EA	10" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,227.43	378.41
		For Class 52 Rating, Deduct	*-291.95*	
		For Class 54 Rating, Add	*404.99*	
		For Class 55 Rating, Add	*605.62*	
		For Class 56 Rating, Add	*803.59*	
40 05 19 00-2730	EA	10" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,440.31	381.59
		For Class 52 Rating, Deduct	*-314.83*	
		For Class 54 Rating, Add	*436.26*	
		For Class 55 Rating, Add	*652.13*	
		For Class 56 Rating, Add	*865.14*	
40 05 19 00-2731	EA	10" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,653.17	384.78
		For Class 52 Rating, Deduct	*-337.72*	
		For Class 54 Rating, Add	*467.52*	
		For Class 55 Rating, Add	*698.64*	
		For Class 56 Rating, Add	*926.69*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2732	EA	10" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,866.04	387.96
		For Class 52 Rating, Deduct	*-360.61*	
		For Class 54 Rating, Add	*498.79*	
		For Class 55 Rating, Add	*745.15*	
		For Class 56 Rating, Add	*988.24*	
40 05 19 00-2733	EA	10" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,078.92	391.14
		For Class 52 Rating, Deduct	*-383.49*	
		For Class 54 Rating, Add	*530.05*	
		For Class 55 Rating, Add	*791.66*	
		For Class 56 Rating, Add	*1,049.79*	
40 05 19 00-2734	EA	10" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,291.79	394.32
		For Class 52 Rating, Deduct	*-406.38*	
		For Class 54 Rating, Add	*561.32*	
		For Class 55 Rating, Add	*838.18*	
		For Class 56 Rating, Add	*1,111.34*	
40 05 19 00-2735	EA	10" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,504.66	397.50
		For Class 52 Rating, Deduct	*-429.26*	
		For Class 54 Rating, Add	*592.59*	
		For Class 55 Rating, Add	*884.69*	
		For Class 56 Rating, Add	*1,172.89*	
40 05 19 00-2736	EA	10" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,717.53	400.67
		For Class 52 Rating, Deduct	*-452.15*	
		For Class 54 Rating, Add	*623.85*	
		For Class 55 Rating, Add	*931.20*	
		For Class 56 Rating, Add	*1,234.44*	
40 05 19 00-2737	EA	10" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,930.39	403.85
		For Class 52 Rating, Deduct	*-475.03*	
		For Class 54 Rating, Add	*655.12*	
		For Class 55 Rating, Add	*977.71*	
		For Class 56 Rating, Add	*1,295.98*	
40 05 19 00-2738	EA	10" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,143.27	407.03
		For Class 52 Rating, Deduct	*-497.92*	
		For Class 54 Rating, Add	*686.38*	
		For Class 55 Rating, Add	*1,024.22*	
		For Class 56 Rating, Add	*1,357.53*	
40 05 19 00-2739	EA	10" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,356.13	410.21
		For Class 52 Rating, Deduct	*-520.81*	
		For Class 54 Rating, Add	*717.65*	
		For Class 55 Rating, Add	*1,070.73*	
		For Class 56 Rating, Add	*1,419.08*	
40 05 19 00-2740	EA	10" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,569.01	413.40
		For Class 52 Rating, Deduct	*-543.69*	
		For Class 54 Rating, Add	*748.91*	
		For Class 55 Rating, Add	*1,117.24*	
		For Class 56 Rating, Add	*1,480.63*	
40 05 19 00-2741	EA	10" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,781.88	416.58
		For Class 52 Rating, Deduct	*-566.58*	
		For Class 54 Rating, Add	*780.18*	
		For Class 55 Rating, Add	*1,163.75*	
		For Class 56 Rating, Add	*1,542.18*	
40 05 19 00-2742	EA	10" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,994.75	419.76
		For Class 52 Rating, Deduct	*-589.46*	
		For Class 54 Rating, Add	*811.45*	
		For Class 55 Rating, Add	*1,210.27*	
		For Class 56 Rating, Add	*1,603.73*	
40 05 19 00-2743	EA	10" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,207.62	422.94
		For Class 52 Rating, Deduct	*-612.35*	
		For Class 54 Rating, Add	*842.71*	
		For Class 55 Rating, Add	*1,256.78*	
		For Class 56 Rating, Add	*1,665.28*	
40 05 19 00-2744	EA	10" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,420.49	426.12
		For Class 52 Rating, Deduct	*-635.23*	
		For Class 54 Rating, Add	*873.98*	
		For Class 55 Rating, Add	*1,303.29*	
		For Class 56 Rating, Add	*1,726.83*	
40 05 19 00-2745	EA	10" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,633.35	429.29
		For Class 52 Rating, Deduct	*-658.12*	
		For Class 54 Rating, Add	*905.24*	
		For Class 55 Rating, Add	*1,349.80*	
		For Class 56 Rating, Add	*1,788.37*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2746	EA	10" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,846.24	432.47
		For Class 52 Rating, Deduct	*-681.01*	
		For Class 54 Rating, Add	*936.51*	
		For Class 55 Rating, Add	*1,396.31*	
		For Class 56 Rating, Add	*1,849.93*	
40 05 19 00-2747	EA	10" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,059.11	435.65
		For Class 52 Rating, Deduct	*-703.89*	
		For Class 54 Rating, Add	*967.77*	
		For Class 55 Rating, Add	*1,442.82*	
		For Class 56 Rating, Add	*1,911.47*	
40 05 19 00-2748	EA	10" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,271.97	438.84
		For Class 52 Rating, Deduct	*-726.78*	
		For Class 54 Rating, Add	*999.04*	
		For Class 55 Rating, Add	*1,489.33*	
		For Class 56 Rating, Add	*1,973.02*	
40 05 19 00-2749	EA	10" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,484.84	442.02
		For Class 52 Rating, Deduct	*-749.66*	
		For Class 54 Rating, Add	*1,030.30*	
		For Class 55 Rating, Add	*1,535.85*	
		For Class 56 Rating, Add	*2,034.57*	
40 05 19 00-2750	EA	10" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,697.72	445.20
		For Class 52 Rating, Deduct	*-772.55*	
		For Class 54 Rating, Add	*1,061.57*	
		For Class 55 Rating, Add	*1,582.36*	
		For Class 56 Rating, Add	*2,096.12*	
40 05 19 00-2751	EA	10" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,910.58	448.38
		For Class 52 Rating, Deduct	*-795.44*	
		For Class 54 Rating, Add	*1,092.84*	
		For Class 55 Rating, Add	*1,628.87*	
		For Class 56 Rating, Add	*2,157.67*	
40 05 19 00-2752	EA	10" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,123.46	451.56
		For Class 52 Rating, Deduct	*-818.32*	
		For Class 54 Rating, Add	*1,124.10*	
		For Class 55 Rating, Add	*1,675.38*	
		For Class 56 Rating, Add	*2,219.22*	
40 05 19 00-2753	EA	10" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,336.33	454.74
		For Class 52 Rating, Deduct	*-841.21*	
		For Class 54 Rating, Add	*1,155.37*	
		For Class 55 Rating, Add	*1,721.89*	
		For Class 56 Rating, Add	*2,280.77*	
40 05 19 00-2754	EA	10" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,549.20	457.91
		For Class 52 Rating, Deduct	*-864.09*	
		For Class 54 Rating, Add	*1,186.63*	
		For Class 55 Rating, Add	*1,768.40*	
		For Class 56 Rating, Add	*2,342.32*	
40 05 19 00-2755	EA	10" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,762.07	461.09
		For Class 52 Rating, Deduct	*-886.98*	
		For Class 54 Rating, Add	*1,217.90*	
		For Class 55 Rating, Add	*1,814.91*	
		For Class 56 Rating, Add	*2,403.87*	
40 05 19 00-2756	EA	10" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,974.94	464.27
		For Class 52 Rating, Deduct	*-909.86*	
		For Class 54 Rating, Add	*1,249.16*	
		For Class 55 Rating, Add	*1,861.43*	
		For Class 56 Rating, Add	*2,465.41*	
40 05 19 00-2757	EA	10" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,187.80	467.46
		For Class 52 Rating, Deduct	*-932.75*	
		For Class 54 Rating, Add	*1,280.43*	
		For Class 55 Rating, Add	*1,907.94*	
		For Class 56 Rating, Add	*2,526.96*	
40 05 19 00-2758	EA	10" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,400.68	470.64
		For Class 52 Rating, Deduct	*-955.64*	
		For Class 54 Rating, Add	*1,311.70*	
		For Class 55 Rating, Add	*1,954.45*	
		For Class 56 Rating, Add	*2,588.51*	
40 05 19 00-2759	EA	10" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,613.56	473.82
		For Class 52 Rating, Deduct	*-978.52*	
		For Class 54 Rating, Add	*1,342.96*	
		For Class 55 Rating, Add	*2,000.96*	
		For Class 56 Rating, Add	*2,650.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2760	EA	10" Flanged x Grooved (FxG), 20'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,826.42	477.00
		For Class 52 Rating, Deduct	*-1,001.41*	
		For Class 54 Rating, Add	*1,374.23*	
		For Class 55 Rating, Add	*2,047.47*	
		For Class 56 Rating, Add	*2,711.61*	

40 05 19 00-2761 12" Flanged End x Grooved End (FxG), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-2600)*

40 05 19 00-2762	EA	12" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,248.99	445.20
		For Class 52 Rating, Deduct	*-173.19*	
		For Class 54 Rating, Add	*244.26*	
		For Class 55 Rating, Add	*367.29*	
		For Class 56 Rating, Add	*488.75*	
40 05 19 00-2763	EA	12" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,512.46	448.38
		For Class 52 Rating, Deduct	*-201.64*	
		For Class 54 Rating, Add	*283.12*	
		For Class 55 Rating, Add	*425.09*	
		For Class 56 Rating, Add	*565.22*	
40 05 19 00-2764	EA	12" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,775.95	451.56
		For Class 52 Rating, Deduct	*-230.09*	
		For Class 54 Rating, Add	*321.98*	
		For Class 55 Rating, Add	*482.89*	
		For Class 56 Rating, Add	*641.70*	
40 05 19 00-2765	EA	12" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,039.43	454.74
		For Class 52 Rating, Deduct	*-258.55*	
		For Class 54 Rating, Add	*360.83*	
		For Class 55 Rating, Add	*540.68*	
		For Class 56 Rating, Add	*718.18*	
40 05 19 00-2766	EA	12" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,302.90	457.91
		For Class 52 Rating, Deduct	*-287.00*	
		For Class 54 Rating, Add	*399.69*	
		For Class 55 Rating, Add	*598.48*	
		For Class 56 Rating, Add	*794.66*	
40 05 19 00-2767	EA	12" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,566.38	461.09
		For Class 52 Rating, Deduct	*-315.45*	
		For Class 54 Rating, Add	*438.55*	
		For Class 55 Rating, Add	*656.28*	
		For Class 56 Rating, Add	*871.14*	
40 05 19 00-2768	EA	12" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,829.86	464.27
		For Class 52 Rating, Deduct	*-343.91*	
		For Class 54 Rating, Add	*477.40*	
		For Class 55 Rating, Add	*714.07*	
		For Class 56 Rating, Add	*947.62*	
40 05 19 00-2769	EA	12" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,093.33	467.46
		For Class 52 Rating, Deduct	*-372.36*	
		For Class 54 Rating, Add	*516.26*	
		For Class 55 Rating, Add	*771.87*	
		For Class 56 Rating, Add	*1,024.09*	
40 05 19 00-2770	EA	12" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,356.81	470.64
		For Class 52 Rating, Deduct	*-400.81*	
		For Class 54 Rating, Add	*555.12*	
		For Class 55 Rating, Add	*829.67*	
		For Class 56 Rating, Add	*1,100.57*	
40 05 19 00-2771	EA	12" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,620.30	473.82
		For Class 52 Rating, Deduct	*-429.26*	
		For Class 54 Rating, Add	*593.97*	
		For Class 55 Rating, Add	*887.46*	
		For Class 56 Rating, Add	*1,177.05*	
40 05 19 00-2772	EA	12" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,883.77	477.00
		For Class 52 Rating, Deduct	*-457.72*	
		For Class 54 Rating, Add	*632.83*	
		For Class 55 Rating, Add	*945.26*	
		For Class 56 Rating, Add	*1,253.53*	
40 05 19 00-2773	EA	12" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,147.25	480.18
		For Class 52 Rating, Deduct	*-486.17*	
		For Class 54 Rating, Add	*671.69*	
		For Class 55 Rating, Add	*1,003.06*	
		For Class 56 Rating, Add	*1,330.01*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2774	EA	12" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,410.73	483.35
		For Class 52 Rating, Deduct	*-514.62*	
		For Class 54 Rating, Add	*710.54*	
		For Class 55 Rating, Add	*1,060.85*	
		For Class 56 Rating, Add	*1,406.48*	
40 05 19 00-2775	EA	12" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,674.20	486.53
		For Class 52 Rating, Deduct	*-543.07*	
		For Class 54 Rating, Add	*749.40*	
		For Class 55 Rating, Add	*1,118.65*	
		For Class 56 Rating, Add	*1,482.96*	
40 05 19 00-2776	EA	12" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,937.68	489.71
		For Class 52 Rating, Deduct	*-571.53*	
		For Class 54 Rating, Add	*788.26*	
		For Class 55 Rating, Add	*1,176.45*	
		For Class 56 Rating, Add	*1,559.44*	
40 05 19 00-2777	EA	12" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,201.17	492.89
		For Class 52 Rating, Deduct	*-599.98*	
		For Class 54 Rating, Add	*827.11*	
		For Class 55 Rating, Add	*1,234.24*	
		For Class 56 Rating, Add	*1,635.92*	
40 05 19 00-2778	EA	12" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,464.64	496.08
		For Class 52 Rating, Deduct	*-628.43*	
		For Class 54 Rating, Add	*865.97*	
		For Class 55 Rating, Add	*1,292.04*	
		For Class 56 Rating, Add	*1,712.40*	
40 05 19 00-2779	EA	12" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,728.12	499.26
		For Class 52 Rating, Deduct	*-656.88*	
		For Class 54 Rating, Add	*904.83*	
		For Class 55 Rating, Add	*1,349.84*	
		For Class 56 Rating, Add	*1,788.87*	
40 05 19 00-2780	EA	12" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,991.59	502.44
		For Class 52 Rating, Deduct	*-685.34*	
		For Class 54 Rating, Add	*943.68*	
		For Class 55 Rating, Add	*1,407.63*	
		For Class 56 Rating, Add	*1,865.35*	
40 05 19 00-2781	EA	12" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,255.07	505.62
		For Class 52 Rating, Deduct	*-713.79*	
		For Class 54 Rating, Add	*982.54*	
		For Class 55 Rating, Add	*1,465.43*	
		For Class 56 Rating, Add	*1,941.83*	
40 05 19 00-2782	EA	12" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,518.55	508.80
		For Class 52 Rating, Deduct	*-742.24*	
		For Class 54 Rating, Add	*1,021.40*	
		For Class 55 Rating, Add	*1,523.23*	
		For Class 56 Rating, Add	*2,018.31*	
40 05 19 00-2783	EA	12" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,782.03	511.97
		For Class 52 Rating, Deduct	*-770.69*	
		For Class 54 Rating, Add	*1,060.26*	
		For Class 55 Rating, Add	*1,581.02*	
		For Class 56 Rating, Add	*2,094.79*	
40 05 19 00-2784	EA	12" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,045.51	515.15
		For Class 52 Rating, Deduct	*-799.15*	
		For Class 54 Rating, Add	*1,099.11*	
		For Class 55 Rating, Add	*1,638.82*	
		For Class 56 Rating, Add	*2,171.27*	
40 05 19 00-2785	EA	12" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,308.99	518.33
		For Class 52 Rating, Deduct	*-827.60*	
		For Class 54 Rating, Add	*1,137.97*	
		For Class 55 Rating, Add	*1,696.62*	
		For Class 56 Rating, Add	*2,247.74*	
40 05 19 00-2786	EA	12" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,572.46	521.51
		For Class 52 Rating, Deduct	*-856.05*	
		For Class 54 Rating, Add	*1,176.83*	
		For Class 55 Rating, Add	*1,754.41*	
		For Class 56 Rating, Add	*2,324.22*	
40 05 19 00-2787	EA	12" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,835.94	524.70
		For Class 52 Rating, Deduct	*-884.50*	
		For Class 54 Rating, Add	*1,215.68*	
		For Class 55 Rating, Add	*1,812.21*	
		For Class 56 Rating, Add	*2,400.70*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2788	EA	12" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,099.42	527.88
		For Class 52 Rating, Deduct	*-912.96*	
		For Class 54 Rating, Add	*1,254.54*	
		For Class 55 Rating, Add	*1,870.01*	
		For Class 56 Rating, Add	*2,477.18*	
40 05 19 00-2789	EA	12" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,362.90	531.06
		For Class 52 Rating, Deduct	*-941.41*	
		For Class 54 Rating, Add	*1,293.40*	
		For Class 55 Rating, Add	*1,927.81*	
		For Class 56 Rating, Add	*2,553.66*	
40 05 19 00-2790	EA	12" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,626.38	534.24
		For Class 52 Rating, Deduct	*-969.86*	
		For Class 54 Rating, Add	*1,332.25*	
		For Class 55 Rating, Add	*1,985.60*	
		For Class 56 Rating, Add	*2,630.13*	
40 05 19 00-2791	EA	12" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,889.86	537.42
		For Class 52 Rating, Deduct	*-998.31*	
		For Class 54 Rating, Add	*1,371.11*	
		For Class 55 Rating, Add	*2,043.40*	
		For Class 56 Rating, Add	*2,706.61*	
40 05 19 00-2792	EA	12" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,153.33	540.59
		For Class 52 Rating, Deduct	*-1,026.77*	
		For Class 54 Rating, Add	*1,409.97*	
		For Class 55 Rating, Add	*2,101.20*	
		For Class 56 Rating, Add	*2,783.09*	
40 05 19 00-2793	EA	12" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,416.81	543.77
		For Class 52 Rating, Deduct	*-1,055.22*	
		For Class 54 Rating, Add	*1,448.82*	
		For Class 55 Rating, Add	*2,158.99*	
		For Class 56 Rating, Add	*2,859.57*	
40 05 19 00-2794	EA	12" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,680.29	546.95
		For Class 52 Rating, Deduct	*-1,083.67*	
		For Class 54 Rating, Add	*1,487.68*	
		For Class 55 Rating, Add	*2,216.79*	
		For Class 56 Rating, Add	*2,936.05*	
40 05 19 00-2795	EA	12" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,943.76	550.13
		For Class 52 Rating, Deduct	*-1,112.13*	
		For Class 54 Rating, Add	*1,526.54*	
		For Class 55 Rating, Add	*2,274.59*	
		For Class 56 Rating, Add	*3,012.52*	
40 05 19 00-2796	EA	12" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,207.25	553.32
		For Class 52 Rating, Deduct	*-1,140.58*	
		For Class 54 Rating, Add	*1,565.39*	
		For Class 55 Rating, Add	*2,332.38*	
		For Class 56 Rating, Add	*3,089.00*	
40 05 19 00-2797	EA	12" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,470.73	556.50
		For Class 52 Rating, Deduct	*-1,169.03*	
		For Class 54 Rating, Add	*1,604.25*	
		For Class 55 Rating, Add	*2,390.18*	
		For Class 56 Rating, Add	*3,165.48*	
40 05 19 00-2798	EA	12" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,734.20	559.68
		For Class 52 Rating, Deduct	*-1,197.48*	
		For Class 54 Rating, Add	*1,643.11*	
		For Class 55 Rating, Add	*2,447.98*	
		For Class 56 Rating, Add	*3,241.96*	
40 05 19 00-2799	EA	12" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,997.68	562.86
		For Class 52 Rating, Deduct	*-1,225.94*	
		For Class 54 Rating, Add	*1,681.96*	
		For Class 55 Rating, Add	*2,505.77*	
		For Class 56 Rating, Add	*3,318.44*	
40 05 19 00-2800	EA	12" Flanged x Grooved (FxG), 20'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,261.16	566.03
		For Class 52 Rating, Deduct	*-1,254.39*	
		For Class 54 Rating, Add	*1,720.82*	
		For Class 55 Rating, Add	*2,563.57*	
		For Class 56 Rating, Add	*3,394.92*	

40 05 19 00-2801 14" Flanged End x Grooved End (FxG), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-2600)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2802	EA	14" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,131.77	534.24
		For Class 52 Rating, Deduct	*-255.46*	
		For Class 54 Rating, Add	*358.06*	
		For Class 55 Rating, Add	*537.30*	
		For Class 56 Rating, Add	*714.22*	
40 05 19 00-2803	EA	14" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,451.48	537.42
		For Class 52 Rating, Deduct	*-290.09*	
		For Class 54 Rating, Add	*405.35*	
		For Class 55 Rating, Add	*607.64*	
		For Class 56 Rating, Add	*807.29*	
40 05 19 00-2804	EA	14" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,771.18	540.59
		For Class 52 Rating, Deduct	*-324.73*	
		For Class 54 Rating, Add	*452.64*	
		For Class 55 Rating, Add	*677.98*	
		For Class 56 Rating, Add	*900.36*	
40 05 19 00-2805	EA	14" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,090.89	543.77
		For Class 52 Rating, Deduct	*-359.37*	
		For Class 54 Rating, Add	*499.94*	
		For Class 55 Rating, Add	*748.31*	
		For Class 56 Rating, Add	*993.42*	
40 05 19 00-2806	EA	14" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,410.60	546.95
		For Class 52 Rating, Deduct	*-394.01*	
		For Class 54 Rating, Add	*547.23*	
		For Class 55 Rating, Add	*818.65*	
		For Class 56 Rating, Add	*1,086.49*	
40 05 19 00-2807	EA	14" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,730.30	550.13
		For Class 52 Rating, Deduct	*-428.64*	
		For Class 54 Rating, Add	*594.52*	
		For Class 55 Rating, Add	*888.98*	
		For Class 56 Rating, Add	*1,179.55*	
40 05 19 00-2808	EA	14" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,050.02	553.32
		For Class 52 Rating, Deduct	*-463.28*	
		For Class 54 Rating, Add	*641.81*	
		For Class 55 Rating, Add	*959.32*	
		For Class 56 Rating, Add	*1,272.62*	
40 05 19 00-2809	EA	14" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,369.73	556.50
		For Class 52 Rating, Deduct	*-497.92*	
		For Class 54 Rating, Add	*689.10*	
		For Class 55 Rating, Add	*1,029.66*	
		For Class 56 Rating, Add	*1,365.69*	
40 05 19 00-2810	EA	14" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,689.43	559.68
		For Class 52 Rating, Deduct	*-532.56*	
		For Class 54 Rating, Add	*736.39*	
		For Class 55 Rating, Add	*1,099.99*	
		For Class 56 Rating, Add	*1,458.75*	
40 05 19 00-2811	EA	14" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,009.14	562.86
		For Class 52 Rating, Deduct	*-567.20*	
		For Class 54 Rating, Add	*783.68*	
		For Class 55 Rating, Add	*1,170.33*	
		For Class 56 Rating, Add	*1,551.82*	
40 05 19 00-2812	EA	14" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,328.85	566.03
		For Class 52 Rating, Deduct	*-601.83*	
		For Class 54 Rating, Add	*830.97*	
		For Class 55 Rating, Add	*1,240.67*	
		For Class 56 Rating, Add	*1,644.88*	
40 05 19 00-2813	EA	14" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,648.55	569.21
		For Class 52 Rating, Deduct	*-636.47*	
		For Class 54 Rating, Add	*878.27*	
		For Class 55 Rating, Add	*1,311.00*	
		For Class 56 Rating, Add	*1,737.95*	
40 05 19 00-2814	EA	14" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,968.27	572.39
		For Class 52 Rating, Deduct	*-671.11*	
		For Class 54 Rating, Add	*925.56*	
		For Class 55 Rating, Add	*1,381.34*	
		For Class 56 Rating, Add	*1,831.02*	
40 05 19 00-2815	EA	14" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,287.98	575.57
		For Class 52 Rating, Deduct	*-705.75*	
		For Class 54 Rating, Add	*972.85*	
		For Class 55 Rating, Add	*1,451.67*	
		For Class 56 Rating, Add	*1,924.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2816	EA	14" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,607.68	578.75
		For Class 52 Rating, Deduct	*-740.39*	
		For Class 54 Rating, Add	*1,020.14*	
		For Class 55 Rating, Add	*1,522.01*	
		For Class 56 Rating, Add	*2,017.15*	
40 05 19 00-2817	EA	14" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,927.39	581.94
		For Class 52 Rating, Deduct	*-775.02*	
		For Class 54 Rating, Add	*1,067.43*	
		For Class 55 Rating, Add	*1,592.35*	
		For Class 56 Rating, Add	*2,110.21*	
40 05 19 00-2818	EA	14" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,247.10	585.12
		For Class 52 Rating, Deduct	*-809.66*	
		For Class 54 Rating, Add	*1,114.72*	
		For Class 55 Rating, Add	*1,662.68*	
		For Class 56 Rating, Add	*2,203.28*	
40 05 19 00-2819	EA	14" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,566.80	588.30
		For Class 52 Rating, Deduct	*-844.30*	
		For Class 54 Rating, Add	*1,162.01*	
		For Class 55 Rating, Add	*1,733.02*	
		For Class 56 Rating, Add	*2,296.35*	
40 05 19 00-2820	EA	14" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,886.52	591.48
		For Class 52 Rating, Deduct	*-878.94*	
		For Class 54 Rating, Add	*1,209.31*	
		For Class 55 Rating, Add	*1,803.35*	
		For Class 56 Rating, Add	*2,389.41*	
40 05 19 00-2821	EA	14" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,206.22	594.65
		For Class 52 Rating, Deduct	*-913.58*	
		For Class 54 Rating, Add	*1,256.60*	
		For Class 55 Rating, Add	*1,873.69*	
		For Class 56 Rating, Add	*2,482.48*	
40 05 19 00-2822	EA	14" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,525.93	597.83
		For Class 52 Rating, Deduct	*-948.21*	
		For Class 54 Rating, Add	*1,303.89*	
		For Class 55 Rating, Add	*1,944.03*	
		For Class 56 Rating, Add	*2,575.54*	
40 05 19 00-2823	EA	14" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,845.64	601.01
		For Class 52 Rating, Deduct	*-982.85*	
		For Class 54 Rating, Add	*1,351.18*	
		For Class 55 Rating, Add	*2,014.36*	
		For Class 56 Rating, Add	*2,668.61*	
40 05 19 00-2824	EA	14" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,165.34	604.19
		For Class 52 Rating, Deduct	*-1,017.49*	
		For Class 54 Rating, Add	*1,398.47*	
		For Class 55 Rating, Add	*2,084.70*	
		For Class 56 Rating, Add	*2,761.68*	
40 05 19 00-2825	EA	14" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,485.05	607.37
		For Class 52 Rating, Deduct	*-1,052.13*	
		For Class 54 Rating, Add	*1,445.76*	
		For Class 55 Rating, Add	*2,155.03*	
		For Class 56 Rating, Add	*2,854.74*	
40 05 19 00-2826	EA	14" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,804.76	610.56
		For Class 52 Rating, Deduct	*-1,086.76*	
		For Class 54 Rating, Add	*1,493.05*	
		For Class 55 Rating, Add	*2,225.37*	
		For Class 56 Rating, Add	*2,947.81*	
40 05 19 00-2827	EA	14" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,124.47	613.74
		For Class 52 Rating, Deduct	*-1,121.40*	
		For Class 54 Rating, Add	*1,540.34*	
		For Class 55 Rating, Add	*2,295.71*	
		For Class 56 Rating, Add	*3,040.87*	
40 05 19 00-2828	EA	14" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,444.18	616.92
		For Class 52 Rating, Deduct	*-1,156.04*	
		For Class 54 Rating, Add	*1,587.64*	
		For Class 55 Rating, Add	*2,366.04*	
		For Class 56 Rating, Add	*3,133.94*	
40 05 19 00-2829	EA	14" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,763.89	620.10
		For Class 52 Rating, Deduct	*-1,190.68*	
		For Class 54 Rating, Add	*1,634.93*	
		For Class 55 Rating, Add	*2,436.38*	
		For Class 56 Rating, Add	*3,227.01*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2830	EA	14" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,083.59	623.27
		For Class 52 Rating, Deduct	*-1,225.32*	
		For Class 54 Rating, Add	*1,682.22*	
		For Class 55 Rating, Add	*2,506.71*	
		For Class 56 Rating, Add	*3,320.07*	
40 05 19 00-2831	EA	14" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,403.30	626.45
		For Class 52 Rating, Deduct	*-1,259.95*	
		For Class 54 Rating, Add	*1,729.51*	
		For Class 55 Rating, Add	*2,577.05*	
		For Class 56 Rating, Add	*3,413.14*	
40 05 19 00-2832	EA	14" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,723.01	629.63
		For Class 52 Rating, Deduct	*-1,294.59*	
		For Class 54 Rating, Add	*1,776.80*	
		For Class 55 Rating, Add	*2,647.39*	
		For Class 56 Rating, Add	*3,506.20*	
40 05 19 00-2833	EA	14" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,042.72	632.81
		For Class 52 Rating, Deduct	*-1,329.23*	
		For Class 54 Rating, Add	*1,824.09*	
		For Class 55 Rating, Add	*2,717.72*	
		For Class 56 Rating, Add	*3,599.27*	
40 05 19 00-2834	EA	14" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,362.43	635.99
		For Class 52 Rating, Deduct	*-1,363.87*	
		For Class 54 Rating, Add	*1,871.38*	
		For Class 55 Rating, Add	*2,788.06*	
		For Class 56 Rating, Add	*3,692.34*	
40 05 19 00-2835	EA	14" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,682.14	639.18
		For Class 52 Rating, Deduct	*-1,398.51*	
		For Class 54 Rating, Add	*1,918.67*	
		For Class 55 Rating, Add	*2,858.40*	
		For Class 56 Rating, Add	*3,785.40*	
40 05 19 00-2836	EA	14" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,001.84	642.36
		For Class 52 Rating, Deduct	*-1,433.14*	
		For Class 54 Rating, Add	*1,965.97*	
		For Class 55 Rating, Add	*2,928.73*	
		For Class 56 Rating, Add	*3,878.47*	
40 05 19 00-2837	EA	14" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,321.55	645.54
		For Class 52 Rating, Deduct	*-1,467.78*	
		For Class 54 Rating, Add	*2,013.26*	
		For Class 55 Rating, Add	*2,999.07*	
		For Class 56 Rating, Add	*3,971.53*	
40 05 19 00-2838	EA	14" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,641.26	648.71
		For Class 52 Rating, Deduct	*-1,502.42*	
		For Class 54 Rating, Add	*2,060.55*	
		For Class 55 Rating, Add	*3,069.40*	
		For Class 56 Rating, Add	*4,064.60*	
40 05 19 00-2839	EA	14" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,960.97	651.89
		For Class 52 Rating, Deduct	*-1,537.06*	
		For Class 54 Rating, Add	*2,107.84*	
		For Class 55 Rating, Add	*3,139.74*	
		For Class 56 Rating, Add	*4,157.67*	

40 05 19 00-2840 16" Flanged End x Grooved End (FxG), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-2600)*

40 05 19 00-2841	EA	16" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,666.31	610.56
		For Class 52 Rating, Deduct	*-301.54*	
		For Class 54 Rating, Add	*422.29*	
		For Class 55 Rating, Add	*633.50*	
		For Class 56 Rating, Add	*841.97*	
40 05 19 00-2842	EA	16" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,036.63	613.74
		For Class 52 Rating, Deduct	*-341.74*	
		For Class 54 Rating, Add	*477.17*	
		For Class 55 Rating, Add	*715.12*	
		For Class 56 Rating, Add	*949.96*	
40 05 19 00-2843	EA	16" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,406.95	616.92
		For Class 52 Rating, Deduct	*-381.95*	
		For Class 54 Rating, Add	*532.05*	
		For Class 55 Rating, Add	*796.74*	
		For Class 56 Rating, Add	*1,057.96*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2844	EA	16" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,777.26	620.10
		For Class 52 Rating, Deduct	*-422.15*	
		For Class 54 Rating, Add	*586.93*	
		For Class 55 Rating, Add	*878.36*	
		For Class 56 Rating, Add	*1,165.95*	
40 05 19 00-2845	EA	16" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,147.57	623.27
		For Class 52 Rating, Deduct	*-462.35*	
		For Class 54 Rating, Add	*641.82*	
		For Class 55 Rating, Add	*959.98*	
		For Class 56 Rating, Add	*1,273.95*	
40 05 19 00-2846	EA	16" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,517.89	626.45
		For Class 52 Rating, Deduct	*-502.56*	
		For Class 54 Rating, Add	*696.70*	
		For Class 55 Rating, Add	*1,041.60*	
		For Class 56 Rating, Add	*1,381.94*	
40 05 19 00-2847	EA	16" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,888.21	629.63
		For Class 52 Rating, Deduct	*-542.76*	
		For Class 54 Rating, Add	*751.58*	
		For Class 55 Rating, Add	*1,123.23*	
		For Class 56 Rating, Add	*1,489.94*	
40 05 19 00-2848	EA	16" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,258.53	632.81
		For Class 52 Rating, Deduct	*-582.97*	
		For Class 54 Rating, Add	*806.46*	
		For Class 55 Rating, Add	*1,204.85*	
		For Class 56 Rating, Add	*1,597.93*	
40 05 19 00-2849	EA	16" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,628.84	635.99
		For Class 52 Rating, Deduct	*-623.17*	
		For Class 54 Rating, Add	*861.35*	
		For Class 55 Rating, Add	*1,286.47*	
		For Class 56 Rating, Add	*1,705.93*	
40 05 19 00-2850	EA	16" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,999.16	639.18
		For Class 52 Rating, Deduct	*-663.38*	
		For Class 54 Rating, Add	*916.23*	
		For Class 55 Rating, Add	*1,368.09*	
		For Class 56 Rating, Add	*1,813.92*	
40 05 19 00-2851	EA	16" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,369.47	642.36
		For Class 52 Rating, Deduct	*-703.58*	
		For Class 54 Rating, Add	*971.11*	
		For Class 55 Rating, Add	*1,449.71*	
		For Class 56 Rating, Add	*1,921.92*	
40 05 19 00-2852	EA	16" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,739.79	645.54
		For Class 52 Rating, Deduct	*-743.79*	
		For Class 54 Rating, Add	*1,025.99*	
		For Class 55 Rating, Add	*1,531.34*	
		For Class 56 Rating, Add	*2,029.92*	
40 05 19 00-2853	EA	16" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,110.10	648.71
		For Class 52 Rating, Deduct	*-783.99*	
		For Class 54 Rating, Add	*1,080.87*	
		For Class 55 Rating, Add	*1,612.96*	
		For Class 56 Rating, Add	*2,137.91*	
40 05 19 00-2854	EA	16" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,480.42	651.89
		For Class 52 Rating, Deduct	*-824.20*	
		For Class 54 Rating, Add	*1,135.76*	
		For Class 55 Rating, Add	*1,694.58*	
		For Class 56 Rating, Add	*2,245.90*	
40 05 19 00-2855	EA	16" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,850.74	655.07
		For Class 52 Rating, Deduct	*-864.40*	
		For Class 54 Rating, Add	*1,190.64*	
		For Class 55 Rating, Add	*1,776.20*	
		For Class 56 Rating, Add	*2,353.90*	
40 05 19 00-2856	EA	16" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,221.06	658.25
		For Class 52 Rating, Deduct	*-904.61*	
		For Class 54 Rating, Add	*1,245.52*	
		For Class 55 Rating, Add	*1,857.82*	
		For Class 56 Rating, Add	*2,461.90*	
40 05 19 00-2857	EA	16" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,591.36	661.43
		For Class 52 Rating, Deduct	*-944.81*	
		For Class 54 Rating, Add	*1,300.40*	
		For Class 55 Rating, Add	*1,939.44*	
		For Class 56 Rating, Add	*2,569.89*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2858	EA	16" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,961.68	664.61
		For Class 52 Rating, Deduct	*-985.02*	
		For Class 54 Rating, Add	*1,355.29*	
		For Class 55 Rating, Add	*2,021.06*	
		For Class 56 Rating, Add	*2,677.89*	
40 05 19 00-2859	EA	16" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,332.00	667.80
		For Class 52 Rating, Deduct	*-1,025.22*	
		For Class 54 Rating, Add	*1,410.17*	
		For Class 55 Rating, Add	*2,102.69*	
		For Class 56 Rating, Add	*2,785.88*	
40 05 19 00-2860	EA	16" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,702.31	670.98
		For Class 52 Rating, Deduct	*-1,065.43*	
		For Class 54 Rating, Add	*1,465.05*	
		For Class 55 Rating, Add	*2,184.31*	
		For Class 56 Rating, Add	*2,893.88*	
40 05 19 00-2861	EA	16" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,072.63	674.16
		For Class 52 Rating, Deduct	*-1,105.63*	
		For Class 54 Rating, Add	*1,519.93*	
		For Class 55 Rating, Add	*2,265.93*	
		For Class 56 Rating, Add	*3,001.87*	
40 05 19 00-2862	EA	16" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,442.95	677.33
		For Class 52 Rating, Deduct	*-1,145.83*	
		For Class 54 Rating, Add	*1,574.82*	
		For Class 55 Rating, Add	*2,347.55*	
		For Class 56 Rating, Add	*3,109.87*	
40 05 19 00-2863	EA	16" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,813.26	680.51
		For Class 52 Rating, Deduct	*-1,186.04*	
		For Class 54 Rating, Add	*1,629.70*	
		For Class 55 Rating, Add	*2,429.17*	
		For Class 56 Rating, Add	*3,217.86*	
40 05 19 00-2864	EA	16" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,183.58	683.69
		For Class 52 Rating, Deduct	*-1,226.24*	
		For Class 54 Rating, Add	*1,684.58*	
		For Class 55 Rating, Add	*2,510.79*	
		For Class 56 Rating, Add	*3,325.86*	
40 05 19 00-2865	EA	16" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,553.88	686.87
		For Class 52 Rating, Deduct	*-1,266.45*	
		For Class 54 Rating, Add	*1,739.46*	
		For Class 55 Rating, Add	*2,592.41*	
		For Class 56 Rating, Add	*3,433.85*	
40 05 19 00-2866	EA	16" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,924.20	690.05
		For Class 52 Rating, Deduct	*-1,306.65*	
		For Class 54 Rating, Add	*1,794.35*	
		For Class 55 Rating, Add	*2,674.04*	
		For Class 56 Rating, Add	*3,541.85*	
40 05 19 00-2867	EA	16" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,294.53	693.23
		For Class 52 Rating, Deduct	*-1,346.86*	
		For Class 54 Rating, Add	*1,849.23*	
		For Class 55 Rating, Add	*2,755.66*	
		For Class 56 Rating, Add	*3,649.84*	
40 05 19 00-2868	EA	16" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,664.84	696.42
		For Class 52 Rating, Deduct	*-1,387.06*	
		For Class 54 Rating, Add	*1,904.11*	
		For Class 55 Rating, Add	*2,837.28*	
		For Class 56 Rating, Add	*3,757.84*	
40 05 19 00-2869	EA	16" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,035.15	699.60
		For Class 52 Rating, Deduct	*-1,427.27*	
		For Class 54 Rating, Add	*1,958.99*	
		For Class 55 Rating, Add	*2,918.90*	
		For Class 56 Rating, Add	*3,865.83*	
40 05 19 00-2870	EA	16" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,405.47	702.78
		For Class 52 Rating, Deduct	*-1,467.47*	
		For Class 54 Rating, Add	*2,013.88*	
		For Class 55 Rating, Add	*3,000.52*	
		For Class 56 Rating, Add	*3,973.83*	
40 05 19 00-2871	EA	16" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,775.78	705.95
		For Class 52 Rating, Deduct	*-1,507.68*	
		For Class 54 Rating, Add	*2,068.76*	
		For Class 55 Rating, Add	*3,082.14*	
		For Class 56 Rating, Add	*4,081.82*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2872	EA	16" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,146.10	709.13
		For Class 52 Rating, Deduct	*-1,547.88*	
		For Class 54 Rating, Add	*2,123.64*	
		For Class 55 Rating, Add	*3,163.77*	
		For Class 56 Rating, Add	*4,189.82*	
40 05 19 00-2873	EA	16" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,516.43	712.31
		For Class 52 Rating, Deduct	*-1,588.09*	
		For Class 54 Rating, Add	*2,178.53*	
		For Class 55 Rating, Add	*3,245.39*	
		For Class 56 Rating, Add	*4,297.82*	
40 05 19 00-2874	EA	16" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,886.73	715.49
		For Class 52 Rating, Deduct	*-1,628.29*	
		For Class 54 Rating, Add	*2,233.41*	
		For Class 55 Rating, Add	*3,327.01*	
		For Class 56 Rating, Add	*4,405.81*	
40 05 19 00-2875	EA	16" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,257.05	718.67
		For Class 52 Rating, Deduct	*-1,668.50*	
		For Class 54 Rating, Add	*2,288.29*	
		For Class 55 Rating, Add	*3,408.63*	
		For Class 56 Rating, Add	*4,513.80*	
40 05 19 00-2876	EA	16" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,627.37	721.86
		For Class 52 Rating, Deduct	*-1,708.70*	
		For Class 54 Rating, Add	*2,343.17*	
		For Class 55 Rating, Add	*3,490.25*	
		For Class 56 Rating, Add	*4,621.80*	
40 05 19 00-2877	EA	16" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,997.68	725.04
		For Class 52 Rating, Deduct	*-1,748.91*	
		For Class 54 Rating, Add	*2,398.05*	
		For Class 55 Rating, Add	*3,571.88*	
		For Class 56 Rating, Add	*4,729.80*	
40 05 19 00-2878	EA	16" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,367.99	728.22
		For Class 52 Rating, Deduct	*-1,789.11*	
		For Class 54 Rating, Add	*2,452.94*	
		For Class 55 Rating, Add	*3,653.50*	
		For Class 56 Rating, Add	*4,837.79*	

40 05 19 00-2879 18" Flanged End x Grooved End (FxG), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-2600)*

40 05 19 00-2880	EA	18" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,289.96	688.15
		For Class 52 Rating, Deduct	*-357.20*	
		For Class 54 Rating, Add	*499.61*	
		For Class 55 Rating, Add	*749.17*	
		For Class 56 Rating, Add	*995.49*	
40 05 19 00-2881	EA	18" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,716.50	691.33
		For Class 52 Rating, Deduct	*-403.59*	
		For Class 54 Rating, Add	*562.92*	
		For Class 55 Rating, Add	*843.33*	
		For Class 56 Rating, Add	*1,120.07*	
40 05 19 00-2882	EA	18" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,143.04	694.51
		For Class 52 Rating, Deduct	*-449.98*	
		For Class 54 Rating, Add	*626.24*	
		For Class 55 Rating, Add	*937.49*	
		For Class 56 Rating, Add	*1,244.66*	
40 05 19 00-2883	EA	18" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,569.59	697.69
		For Class 52 Rating, Deduct	*-496.37*	
		For Class 54 Rating, Add	*689.56*	
		For Class 55 Rating, Add	*1,031.66*	
		For Class 56 Rating, Add	*1,369.24*	
40 05 19 00-2884	EA	18" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,996.14	700.87
		For Class 52 Rating, Deduct	*-542.76*	
		For Class 54 Rating, Add	*752.88*	
		For Class 55 Rating, Add	*1,125.82*	
		For Class 56 Rating, Add	*1,493.82*	
40 05 19 00-2885	EA	18" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,422.68	704.05
		For Class 52 Rating, Deduct	*-589.15*	
		For Class 54 Rating, Add	*816.19*	
		For Class 55 Rating, Add	*1,219.98*	
		For Class 56 Rating, Add	*1,618.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2886	EA	18" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,849.22	707.23
		For Class 52 Rating, Deduct	*-635.54*	
		For Class 54 Rating, Add	*879.51*	
		For Class 55 Rating, Add	*1,314.14*	
		For Class 56 Rating, Add	*1,742.99*	
40 05 19 00-2887	EA	18" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,275.78	710.41
		For Class 52 Rating, Deduct	*-681.93*	
		For Class 54 Rating, Add	*942.83*	
		For Class 55 Rating, Add	*1,408.30*	
		For Class 56 Rating, Add	*1,867.57*	
40 05 19 00-2888	EA	18" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,702.32	713.59
		For Class 52 Rating, Deduct	*-728.32*	
		For Class 54 Rating, Add	*1,006.14*	
		For Class 55 Rating, Add	*1,502.46*	
		For Class 56 Rating, Add	*1,992.16*	
40 05 19 00-2889	EA	18" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,128.87	716.77
		For Class 52 Rating, Deduct	*-774.71*	
		For Class 54 Rating, Add	*1,069.46*	
		For Class 55 Rating, Add	*1,596.62*	
		For Class 56 Rating, Add	*2,116.74*	
40 05 19 00-2890	EA	18" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,555.42	719.95
		For Class 52 Rating, Deduct	*-821.10*	
		For Class 54 Rating, Add	*1,132.78*	
		For Class 55 Rating, Add	*1,690.78*	
		For Class 56 Rating, Add	*2,241.32*	
40 05 19 00-2891	EA	18" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,981.95	723.13
		For Class 52 Rating, Deduct	*-867.49*	
		For Class 54 Rating, Add	*1,196.09*	
		For Class 55 Rating, Add	*1,784.94*	
		For Class 56 Rating, Add	*2,365.90*	
40 05 19 00-2892	EA	18" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,408.50	726.31
		For Class 52 Rating, Deduct	*-913.88*	
		For Class 54 Rating, Add	*1,259.41*	
		For Class 55 Rating, Add	*1,879.10*	
		For Class 56 Rating, Add	*2,490.49*	
40 05 19 00-2893	EA	18" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,835.05	729.49
		For Class 52 Rating, Deduct	*-960.27*	
		For Class 54 Rating, Add	*1,322.73*	
		For Class 55 Rating, Add	*1,973.27*	
		For Class 56 Rating, Add	*2,615.07*	
40 05 19 00-2894	EA	18" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,261.60	732.67
		For Class 52 Rating, Deduct	*-1,006.67*	
		For Class 54 Rating, Add	*1,386.05*	
		For Class 55 Rating, Add	*2,067.43*	
		For Class 56 Rating, Add	*2,739.66*	
40 05 19 00-2895	EA	18" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,688.15	735.85
		For Class 52 Rating, Deduct	*-1,053.06*	
		For Class 54 Rating, Add	*1,449.36*	
		For Class 55 Rating, Add	*2,161.59*	
		For Class 56 Rating, Add	*2,864.24*	
40 05 19 00-2896	EA	18" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,114.68	739.03
		For Class 52 Rating, Deduct	*-1,099.44*	
		For Class 54 Rating, Add	*1,512.68*	
		For Class 55 Rating, Add	*2,255.75*	
		For Class 56 Rating, Add	*2,988.82*	
40 05 19 00-2897	EA	18" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,541.23	742.21
		For Class 52 Rating, Deduct	*-1,145.83*	
		For Class 54 Rating, Add	*1,576.00*	
		For Class 55 Rating, Add	*2,349.91*	
		For Class 56 Rating, Add	*3,113.40*	
40 05 19 00-2898	EA	18" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,967.78	745.39
		For Class 52 Rating, Deduct	*-1,192.23*	
		For Class 54 Rating, Add	*1,639.31*	
		For Class 55 Rating, Add	*2,444.07*	
		For Class 56 Rating, Add	*3,237.99*	
40 05 19 00-2899	EA	18" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,394.33	748.57
		For Class 52 Rating, Deduct	*-1,238.62*	
		For Class 54 Rating, Add	*1,702.63*	
		For Class 55 Rating, Add	*2,538.23*	
		For Class 56 Rating, Add	*3,362.57*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2900	EA	18" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,820.88	751.75
		For Class 52 Rating, Deduct	*-1,285.01*	
		For Class 54 Rating, Add	*1,765.95*	
		For Class 55 Rating, Add	*2,632.39*	
		For Class 56 Rating, Add	*3,487.16*	
40 05 19 00-2901	EA	18" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,247.42	754.93
		For Class 52 Rating, Deduct	*-1,331.39*	
		For Class 54 Rating, Add	*1,829.26*	
		For Class 55 Rating, Add	*2,726.55*	
		For Class 56 Rating, Add	*3,611.74*	
40 05 19 00-2902	EA	18" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,673.96	758.11
		For Class 52 Rating, Deduct	*-1,377.79*	
		For Class 54 Rating, Add	*1,892.58*	
		For Class 55 Rating, Add	*2,820.71*	
		For Class 56 Rating, Add	*3,736.32*	
40 05 19 00-2903	EA	18" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,100.51	761.29
		For Class 52 Rating, Deduct	*-1,424.18*	
		For Class 54 Rating, Add	*1,955.90*	
		For Class 55 Rating, Add	*2,914.88*	
		For Class 56 Rating, Add	*3,860.90*	
40 05 19 00-2904	EA	18" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,527.06	764.47
		For Class 52 Rating, Deduct	*-1,470.57*	
		For Class 54 Rating, Add	*2,019.22*	
		For Class 55 Rating, Add	*3,009.04*	
		For Class 56 Rating, Add	*3,985.49*	
40 05 19 00-2905	EA	18" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,953.61	767.65
		For Class 52 Rating, Deduct	*-1,516.96*	
		For Class 54 Rating, Add	*2,082.53*	
		For Class 55 Rating, Add	*3,103.20*	
		For Class 56 Rating, Add	*4,110.07*	
40 05 19 00-2906	EA	18" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,380.15	770.83
		For Class 52 Rating, Deduct	*-1,563.35*	
		For Class 54 Rating, Add	*2,145.85*	
		For Class 55 Rating, Add	*3,197.36*	
		For Class 56 Rating, Add	*4,234.65*	
40 05 19 00-2907	EA	18" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,806.70	774.01
		For Class 52 Rating, Deduct	*-1,609.74*	
		For Class 54 Rating, Add	*2,209.17*	
		For Class 55 Rating, Add	*3,291.52*	
		For Class 56 Rating, Add	*4,359.24*	
40 05 19 00-2908	EA	18" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,233.24	777.19
		For Class 52 Rating, Deduct	*-1,656.13*	
		For Class 54 Rating, Add	*2,272.48*	
		For Class 55 Rating, Add	*3,385.68*	
		For Class 56 Rating, Add	*4,483.82*	
40 05 19 00-2909	EA	18" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,659.79	780.37
		For Class 52 Rating, Deduct	*-1,702.52*	
		For Class 54 Rating, Add	*2,335.80*	
		For Class 55 Rating, Add	*3,479.84*	
		For Class 56 Rating, Add	*4,608.40*	
40 05 19 00-2910	EA	18" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,086.34	783.55
		For Class 52 Rating, Deduct	*-1,748.91*	
		For Class 54 Rating, Add	*2,399.12*	
		For Class 55 Rating, Add	*3,574.00*	
		For Class 56 Rating, Add	*4,732.99*	
40 05 19 00-2911	EA	18" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,512.87	786.73
		For Class 52 Rating, Deduct	*-1,795.30*	
		For Class 54 Rating, Add	*2,462.43*	
		For Class 55 Rating, Add	*3,668.16*	
		For Class 56 Rating, Add	*4,857.57*	
40 05 19 00-2912	EA	18" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,939.43	789.91
		For Class 52 Rating, Deduct	*-1,841.69*	
		For Class 54 Rating, Add	*2,525.75*	
		For Class 55 Rating, Add	*3,762.32*	
		For Class 56 Rating, Add	*4,982.15*	
40 05 19 00-2913	EA	18" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	18,365.98	793.09
		For Class 52 Rating, Deduct	*-1,888.08*	
		For Class 54 Rating, Add	*2,589.07*	
		For Class 55 Rating, Add	*3,856.49*	
		For Class 56 Rating, Add	*5,106.74*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2914	EA	18" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	18,792.52	796.27
		For Class 52 Rating, Deduct	*-1,934.47*	
		For Class 54 Rating, Add	*2,652.39*	
		For Class 55 Rating, Add	*3,950.65*	
		For Class 56 Rating, Add	*5,231.32*	
40 05 19 00-2915	EA	18" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	19,219.07	799.45
		For Class 52 Rating, Deduct	*-1,980.86*	
		For Class 54 Rating, Add	*2,715.70*	
		For Class 55 Rating, Add	*4,044.81*	
		For Class 56 Rating, Add	*5,355.90*	
40 05 19 00-2916	EA	18" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	19,645.61	802.63
		For Class 52 Rating, Deduct	*-2,027.25*	
		For Class 54 Rating, Add	*2,779.02*	
		For Class 55 Rating, Add	*4,138.97*	
		For Class 56 Rating, Add	*5,480.49*	
40 05 19 00-2917	EA	18" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	20,072.15	805.81
		For Class 52 Rating, Deduct	*-2,073.64*	
		For Class 54 Rating, Add	*2,842.34*	
		For Class 55 Rating, Add	*4,233.13*	
		For Class 56 Rating, Add	*5,605.07*	

40 05 19 00-2918 20" Flanged End x Grooved End (FxG), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-2600)*

40 05 19 00-2919	EA	20" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,971.57	785.46
		For Class 52 Rating, Deduct	*-415.96*	
		For Class 54 Rating, Add	*581.50*	
		For Class 55 Rating, Add	*871.83*	
		For Class 56 Rating, Add	*1,158.38*	
40 05 19 00-2920	EA	20" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,457.15	788.63
		For Class 52 Rating, Deduct	*-468.85*	
		For Class 54 Rating, Add	*653.68*	
		For Class 55 Rating, Add	*979.16*	
		For Class 56 Rating, Add	*1,300.38*	
40 05 19 00-2921	EA	20" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,942.75	791.81
		For Class 52 Rating, Deduct	*-521.73*	
		For Class 54 Rating, Add	*725.85*	
		For Class 55 Rating, Add	*1,086.49*	
		For Class 56 Rating, Add	*1,442.38*	
40 05 19 00-2922	EA	20" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,428.34	794.99
		For Class 52 Rating, Deduct	*-574.62*	
		For Class 54 Rating, Add	*798.02*	
		For Class 55 Rating, Add	*1,193.82*	
		For Class 56 Rating, Add	*1,584.38*	
40 05 19 00-2923	EA	20" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,913.92	798.17
		For Class 52 Rating, Deduct	*-627.50*	
		For Class 54 Rating, Add	*870.20*	
		For Class 55 Rating, Add	*1,301.14*	
		For Class 56 Rating, Add	*1,726.38*	
40 05 19 00-2924	EA	20" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,399.51	801.35
		For Class 52 Rating, Deduct	*-680.39*	
		For Class 54 Rating, Add	*942.37*	
		For Class 55 Rating, Add	*1,408.47*	
		For Class 56 Rating, Add	*1,868.39*	
40 05 19 00-2925	EA	20" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,885.10	804.53
		For Class 52 Rating, Deduct	*-733.27*	
		For Class 54 Rating, Add	*1,014.54*	
		For Class 55 Rating, Add	*1,515.80*	
		For Class 56 Rating, Add	*2,010.39*	
40 05 19 00-2926	EA	20" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,370.68	807.72
		For Class 52 Rating, Deduct	*-786.16*	
		For Class 54 Rating, Add	*1,086.72*	
		For Class 55 Rating, Add	*1,623.13*	
		For Class 56 Rating, Add	*2,152.39*	
40 05 19 00-2927	EA	20" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,856.27	810.90
		For Class 52 Rating, Deduct	*-839.04*	
		For Class 54 Rating, Add	*1,158.89*	
		For Class 55 Rating, Add	*1,730.45*	
		For Class 56 Rating, Add	*2,294.39*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2928	EA	20" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,341.87	814.07
		For Class 52 Rating, Deduct	*-891.93*	
		For Class 54 Rating, Add	*1,231.06*	
		For Class 55 Rating, Add	*1,837.78*	
		For Class 56 Rating, Add	*2,436.39*	
40 05 19 00-2929	EA	20" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,827.45	817.25
		For Class 52 Rating, Deduct	*-944.81*	
		For Class 54 Rating, Add	*1,303.24*	
		For Class 55 Rating, Add	*1,945.11*	
		For Class 56 Rating, Add	*2,578.39*	
40 05 19 00-2930	EA	20" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,313.04	820.43
		For Class 52 Rating, Deduct	*-997.70*	
		For Class 54 Rating, Add	*1,375.41*	
		For Class 55 Rating, Add	*2,052.44*	
		For Class 56 Rating, Add	*2,720.39*	
40 05 19 00-2931	EA	20" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,798.63	823.61
		For Class 52 Rating, Deduct	*-1,050.58*	
		For Class 54 Rating, Add	*1,447.58*	
		For Class 55 Rating, Add	*2,159.76*	
		For Class 56 Rating, Add	*2,862.39*	
40 05 19 00-2932	EA	20" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,284.21	826.79
		For Class 52 Rating, Deduct	*-1,103.47*	
		For Class 54 Rating, Add	*1,519.76*	
		For Class 55 Rating, Add	*2,267.09*	
		For Class 56 Rating, Add	*3,004.39*	
40 05 19 00-2933	EA	20" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,769.80	829.97
		For Class 52 Rating, Deduct	*-1,156.35*	
		For Class 54 Rating, Add	*1,591.93*	
		For Class 55 Rating, Add	*2,374.42*	
		For Class 56 Rating, Add	*3,146.39*	
40 05 19 00-2934	EA	20" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,255.40	833.15
		For Class 52 Rating, Deduct	*-1,209.23*	
		For Class 54 Rating, Add	*1,664.10*	
		For Class 55 Rating, Add	*2,481.74*	
		For Class 56 Rating, Add	*3,288.39*	
40 05 19 00-2935	EA	20" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,740.98	836.34
		For Class 52 Rating, Deduct	*-1,262.12*	
		For Class 54 Rating, Add	*1,736.28*	
		For Class 55 Rating, Add	*2,589.07*	
		For Class 56 Rating, Add	*3,430.39*	
40 05 19 00-2936	EA	20" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,226.57	839.52
		For Class 52 Rating, Deduct	*-1,315.00*	
		For Class 54 Rating, Add	*1,808.45*	
		For Class 55 Rating, Add	*2,696.40*	
		For Class 56 Rating, Add	*3,572.39*	
40 05 19 00-2937	EA	20" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,712.16	842.69
		For Class 52 Rating, Deduct	*-1,367.89*	
		For Class 54 Rating, Add	*1,880.62*	
		For Class 55 Rating, Add	*2,803.73*	
		For Class 56 Rating, Add	*3,714.39*	
40 05 19 00-2938	EA	20" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,197.74	845.87
		For Class 52 Rating, Deduct	*-1,420.77*	
		For Class 54 Rating, Add	*1,952.80*	
		For Class 55 Rating, Add	*2,911.05*	
		For Class 56 Rating, Add	*3,856.39*	
40 05 19 00-2939	EA	20" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,683.33	849.05
		For Class 52 Rating, Deduct	*-1,473.66*	
		For Class 54 Rating, Add	*2,024.97*	
		For Class 55 Rating, Add	*3,018.38*	
		For Class 56 Rating, Add	*3,998.39*	
40 05 19 00-2940	EA	20" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,168.93	852.23
		For Class 52 Rating, Deduct	*-1,526.54*	
		For Class 54 Rating, Add	*2,097.14*	
		For Class 55 Rating, Add	*3,125.71*	
		For Class 56 Rating, Add	*4,140.40*	
40 05 19 00-2941	EA	20" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,654.51	855.41
		For Class 52 Rating, Deduct	*-1,579.43*	
		For Class 54 Rating, Add	*2,169.32*	
		For Class 55 Rating, Add	*3,233.04*	
		For Class 56 Rating, Add	*4,282.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2942	EA	20" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,140.10	858.59
		For Class 52 Rating, Deduct	*-1,632.31*	
		For Class 54 Rating, Add	*2,241.49*	
		For Class 55 Rating, Add	*3,340.36*	
		For Class 56 Rating, Add	*4,424.40*	
40 05 19 00-2943	EA	20" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,625.69	861.77
		For Class 52 Rating, Deduct	*-1,685.20*	
		For Class 54 Rating, Add	*2,313.66*	
		For Class 55 Rating, Add	*3,447.69*	
		For Class 56 Rating, Add	*4,566.40*	
40 05 19 00-2944	EA	20" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,111.27	864.96
		For Class 52 Rating, Deduct	*-1,738.08*	
		For Class 54 Rating, Add	*2,385.84*	
		For Class 55 Rating, Add	*3,555.02*	
		For Class 56 Rating, Add	*4,708.40*	
40 05 19 00-2945	EA	20" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,596.86	868.14
		For Class 52 Rating, Deduct	*-1,790.97*	
		For Class 54 Rating, Add	*2,458.01*	
		For Class 55 Rating, Add	*3,662.35*	
		For Class 56 Rating, Add	*4,850.40*	
40 05 19 00-2946	EA	20" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	18,082.44	871.31
		For Class 52 Rating, Deduct	*-1,843.85*	
		For Class 54 Rating, Add	*2,530.18*	
		For Class 55 Rating, Add	*3,769.67*	
		For Class 56 Rating, Add	*4,992.40*	
40 05 19 00-2947	EA	20" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	18,568.04	874.49
		For Class 52 Rating, Deduct	*-1,896.74*	
		For Class 54 Rating, Add	*2,602.36*	
		For Class 55 Rating, Add	*3,877.00*	
		For Class 56 Rating, Add	*5,134.40*	
40 05 19 00-2948	EA	20" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	19,053.63	877.67
		For Class 52 Rating, Deduct	*-1,949.62*	
		For Class 54 Rating, Add	*2,674.53*	
		For Class 55 Rating, Add	*3,984.33*	
		For Class 56 Rating, Add	*5,276.40*	
40 05 19 00-2949	EA	20" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	19,539.21	880.85
		For Class 52 Rating, Deduct	*-2,002.50*	
		For Class 54 Rating, Add	*2,746.70*	
		For Class 55 Rating, Add	*4,091.65*	
		For Class 56 Rating, Add	*5,418.40*	
40 05 19 00-2950	EA	20" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	20,024.80	884.03
		For Class 52 Rating, Deduct	*-2,055.39*	
		For Class 54 Rating, Add	*2,818.88*	
		For Class 55 Rating, Add	*4,198.98*	
		For Class 56 Rating, Add	*5,560.40*	
40 05 19 00-2951	EA	20" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	20,510.39	887.21
		For Class 52 Rating, Deduct	*-2,108.27*	
		For Class 54 Rating, Add	*2,891.05*	
		For Class 55 Rating, Add	*4,306.31*	
		For Class 56 Rating, Add	*5,702.40*	
40 05 19 00-2952	EA	20" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	20,995.97	890.39
		For Class 52 Rating, Deduct	*-2,161.16*	
		For Class 54 Rating, Add	*2,963.22*	
		For Class 55 Rating, Add	*4,413.64*	
		For Class 56 Rating, Add	*5,844.40*	
40 05 19 00-2953	EA	20" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	21,481.57	893.58
		For Class 52 Rating, Deduct	*-2,214.04*	
		For Class 54 Rating, Add	*3,035.40*	
		For Class 55 Rating, Add	*4,520.96*	
		For Class 56 Rating, Add	*5,986.40*	
40 05 19 00-2954	EA	20" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	21,967.16	896.76
		For Class 52 Rating, Deduct	*-2,266.93*	
		For Class 54 Rating, Add	*3,107.57*	
		For Class 55 Rating, Add	*4,628.29*	
		For Class 56 Rating, Add	*6,128.40*	
40 05 19 00-2955	EA	20" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	22,452.74	899.93
		For Class 52 Rating, Deduct	*-2,319.81*	
		For Class 54 Rating, Add	*3,179.74*	
		For Class 55 Rating, Add	*4,735.62*	
		For Class 56 Rating, Add	*6,270.40*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2956	EA	20" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	22,938.33	903.11
		For Class 52 Rating, Deduct	*-2,372.70*	
		For Class 54 Rating, Add	*3,251.92*	
		For Class 55 Rating, Add	*4,842.95*	
		For Class 56 Rating, Add	*6,412.40*	

40 05 19 00-2957 24" Flanged End x Grooved End (FxG), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-2600)*

40 05 19 00-2958	EA	24" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,180.85	928.55
		For Class 52 Rating, Deduct	*-525.14*	
		For Class 54 Rating, Add	*732.98*	
		For Class 55 Rating, Add	*1,098.36*	
		For Class 56 Rating, Add	*1,458.97*	
40 05 19 00-2959	EA	24" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,781.72	931.73
		For Class 52 Rating, Deduct	*-590.70*	
		For Class 54 Rating, Add	*822.44*	
		For Class 55 Rating, Add	*1,231.39*	
		For Class 56 Rating, Add	*1,634.97*	
40 05 19 00-2960	EA	24" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,382.59	934.91
		For Class 52 Rating, Deduct	*-656.27*	
		For Class 54 Rating, Add	*911.91*	
		For Class 55 Rating, Add	*1,364.43*	
		For Class 56 Rating, Add	*1,810.98*	
40 05 19 00-2961	EA	24" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,983.44	938.09
		For Class 52 Rating, Deduct	*-721.83*	
		For Class 54 Rating, Add	*1,001.37*	
		For Class 55 Rating, Add	*1,497.46*	
		For Class 56 Rating, Add	*1,986.99*	
40 05 19 00-2962	EA	24" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,584.30	941.27
		For Class 52 Rating, Deduct	*-787.39*	
		For Class 54 Rating, Add	*1,090.83*	
		For Class 55 Rating, Add	*1,630.49*	
		For Class 56 Rating, Add	*2,162.99*	
40 05 19 00-2963	EA	24" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,185.16	944.45
		For Class 52 Rating, Deduct	*-852.96*	
		For Class 54 Rating, Add	*1,180.30*	
		For Class 55 Rating, Add	*1,763.52*	
		For Class 56 Rating, Add	*2,339.00*	
40 05 19 00-2964	EA	24" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,786.01	947.63
		For Class 52 Rating, Deduct	*-918.52*	
		For Class 54 Rating, Add	*1,269.76*	
		For Class 55 Rating, Add	*1,896.56*	
		For Class 56 Rating, Add	*2,515.00*	
40 05 19 00-2965	EA	24" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,386.88	950.82
		For Class 52 Rating, Deduct	*-984.09*	
		For Class 54 Rating, Add	*1,359.23*	
		For Class 55 Rating, Add	*2,029.59*	
		For Class 56 Rating, Add	*2,691.01*	
40 05 19 00-2966	EA	24" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,987.75	953.99
		For Class 52 Rating, Deduct	*-1,049.65*	
		For Class 54 Rating, Add	*1,448.69*	
		For Class 55 Rating, Add	*2,162.62*	
		For Class 56 Rating, Add	*2,867.01*	
40 05 19 00-2967	EA	24" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,588.60	957.17
		For Class 52 Rating, Deduct	*-1,115.22*	
		For Class 54 Rating, Add	*1,538.15*	
		For Class 55 Rating, Add	*2,295.66*	
		For Class 56 Rating, Add	*3,043.02*	
40 05 19 00-2968	EA	24" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,189.46	960.35
		For Class 52 Rating, Deduct	*-1,180.78*	
		For Class 54 Rating, Add	*1,627.62*	
		For Class 55 Rating, Add	*2,428.69*	
		For Class 56 Rating, Add	*3,219.02*	
40 05 19 00-2969	EA	24" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,790.32	963.53
		For Class 52 Rating, Deduct	*-1,246.35*	
		For Class 54 Rating, Add	*1,717.08*	
		For Class 55 Rating, Add	*2,561.72*	
		For Class 56 Rating, Add	*3,395.03*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2970	EA	24" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,391.18	966.71
		For Class 52 Rating, Deduct	*-1,311.91*	
		For Class 54 Rating, Add	*1,806.55*	
		For Class 55 Rating, Add	*2,694.76*	
		For Class 56 Rating, Add	*3,571.04*	
40 05 19 00-2971	EA	24" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,992.04	969.89
		For Class 52 Rating, Deduct	*-1,377.48*	
		For Class 54 Rating, Add	*1,896.01*	
		For Class 55 Rating, Add	*2,827.79*	
		For Class 56 Rating, Add	*3,747.04*	
40 05 19 00-2972	EA	24" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,592.90	973.07
		For Class 52 Rating, Deduct	*-1,443.04*	
		For Class 54 Rating, Add	*1,985.47*	
		For Class 55 Rating, Add	*2,960.82*	
		For Class 56 Rating, Add	*3,923.05*	
40 05 19 00-2973	EA	24" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,193.76	976.25
		For Class 52 Rating, Deduct	*-1,508.60*	
		For Class 54 Rating, Add	*2,074.94*	
		For Class 55 Rating, Add	*3,093.85*	
		For Class 56 Rating, Add	*4,099.05*	
40 05 19 00-2974	EA	24" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,794.63	979.43
		For Class 52 Rating, Deduct	*-1,574.17*	
		For Class 54 Rating, Add	*2,164.40*	
		For Class 55 Rating, Add	*3,226.89*	
		For Class 56 Rating, Add	*4,275.06*	
40 05 19 00-2975	EA	24" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,395.48	982.61
		For Class 52 Rating, Deduct	*-1,639.73*	
		For Class 54 Rating, Add	*2,253.87*	
		For Class 55 Rating, Add	*3,359.92*	
		For Class 56 Rating, Add	*4,451.07*	
40 05 19 00-2976	EA	24" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,996.34	985.79
		For Class 52 Rating, Deduct	*-1,705.30*	
		For Class 54 Rating, Add	*2,343.33*	
		For Class 55 Rating, Add	*3,492.95*	
		For Class 56 Rating, Add	*4,627.07*	
40 05 19 00-2977	EA	24" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,597.20	988.97
		For Class 52 Rating, Deduct	*-1,770.86*	
		For Class 54 Rating, Add	*2,432.80*	
		For Class 55 Rating, Add	*3,625.99*	
		For Class 56 Rating, Add	*4,803.08*	
40 05 19 00-2978	EA	24" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	18,198.07	992.15
		For Class 52 Rating, Deduct	*-1,836.43*	
		For Class 54 Rating, Add	*2,522.26*	
		For Class 55 Rating, Add	*3,759.02*	
		For Class 56 Rating, Add	*4,979.09*	
40 05 19 00-2979	EA	24" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	18,798.93	995.33
		For Class 52 Rating, Deduct	*-1,901.99*	
		For Class 54 Rating, Add	*2,611.72*	
		For Class 55 Rating, Add	*3,892.05*	
		For Class 56 Rating, Add	*5,155.09*	
40 05 19 00-2980	EA	24" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	19,399.79	998.51
		For Class 52 Rating, Deduct	*-1,967.56*	
		For Class 54 Rating, Add	*2,701.19*	
		For Class 55 Rating, Add	*4,025.09*	
		For Class 56 Rating, Add	*5,331.10*	
40 05 19 00-2981	EA	24" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	20,000.64	1,001.69
		For Class 52 Rating, Deduct	*-2,033.12*	
		For Class 54 Rating, Add	*2,790.65*	
		For Class 55 Rating, Add	*4,158.12*	
		For Class 56 Rating, Add	*5,507.10*	
40 05 19 00-2982	EA	24" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	20,601.50	1,004.87
		For Class 52 Rating, Deduct	*-2,098.69*	
		For Class 54 Rating, Add	*2,880.12*	
		For Class 55 Rating, Add	*4,291.15*	
		For Class 56 Rating, Add	*5,683.11*	
40 05 19 00-2983	EA	24" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	21,202.37	1,008.05
		For Class 52 Rating, Deduct	*-2,164.25*	
		For Class 54 Rating, Add	*2,969.58*	
		For Class 55 Rating, Add	*4,424.19*	
		For Class 56 Rating, Add	*5,859.12*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2984	EA	24" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	21,803.22	1,011.23
		For Class 52 Rating, Deduct	*-2,229.82*	
		For Class 54 Rating, Add	*3,059.04*	
		For Class 55 Rating, Add	*4,557.22*	
		For Class 56 Rating, Add	*6,035.12*	
40 05 19 00-2985	EA	24" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	22,404.09	1,014.41
		For Class 52 Rating, Deduct	*-2,295.38*	
		For Class 54 Rating, Add	*3,148.51*	
		For Class 55 Rating, Add	*4,690.25*	
		For Class 56 Rating, Add	*6,211.13*	
40 05 19 00-2986	EA	24" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	23,004.95	1,017.59
		For Class 52 Rating, Deduct	*-2,360.95*	
		For Class 54 Rating, Add	*3,237.97*	
		For Class 55 Rating, Add	*4,823.28*	
		For Class 56 Rating, Add	*6,387.13*	
40 05 19 00-2987	EA	24" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	23,687.72	1,074.83
		For Class 52 Rating, Deduct	*-2,426.51*	
		For Class 54 Rating, Add	*3,328.42*	
		For Class 55 Rating, Add	*4,958.28*	
		For Class 56 Rating, Add	*6,566.09*	
40 05 19 00-2988	EA	24" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	24,288.58	1,078.01
		For Class 52 Rating, Deduct	*-2,492.08*	
		For Class 54 Rating, Add	*3,417.88*	
		For Class 55 Rating, Add	*5,091.32*	
		For Class 56 Rating, Add	*6,742.09*	
40 05 19 00-2989	EA	24" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	24,889.44	1,081.19
		For Class 52 Rating, Deduct	*-2,557.64*	
		For Class 54 Rating, Add	*3,507.35*	
		For Class 55 Rating, Add	*5,224.35*	
		For Class 56 Rating, Add	*6,918.10*	
40 05 19 00-2990	EA	24" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	25,490.29	1,084.37
		For Class 52 Rating, Deduct	*-2,623.20*	
		For Class 54 Rating, Add	*3,596.81*	
		For Class 55 Rating, Add	*5,357.38*	
		For Class 56 Rating, Add	*7,094.10*	
40 05 19 00-2991	EA	24" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	26,091.15	1,087.55
		For Class 52 Rating, Deduct	*-2,688.77*	
		For Class 54 Rating, Add	*3,686.28*	
		For Class 55 Rating, Add	*5,490.41*	
		For Class 56 Rating, Add	*7,270.11*	
40 05 19 00-2992	EA	24" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	26,689.21	1,090.73
		For Class 52 Rating, Deduct	*-2,754.02*	
		For Class 54 Rating, Add	*3,775.32*	
		For Class 55 Rating, Add	*5,622.82*	
		For Class 56 Rating, Add	*7,445.29*	
40 05 19 00-2993	EA	24" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	27,292.88	1,093.91
		For Class 52 Rating, Deduct	*-2,819.90*	
		For Class 54 Rating, Add	*3,865.21*	
		For Class 55 Rating, Add	*5,756.48*	
		For Class 56 Rating, Add	*7,622.12*	
40 05 19 00-2994	EA	24" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	27,893.74	1,097.09
		For Class 52 Rating, Deduct	*-2,885.46*	
		For Class 54 Rating, Add	*3,954.67*	
		For Class 55 Rating, Add	*5,889.51*	
		For Class 56 Rating, Add	*7,798.13*	
40 05 19 00-2995	EA	24" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	28,494.60	1,100.27
		For Class 52 Rating, Deduct	*-2,951.03*	
		For Class 54 Rating, Add	*4,044.13*	
		For Class 55 Rating, Add	*6,022.55*	
		For Class 56 Rating, Add	*7,974.13*	
40 05 19 00-2996		**30" Flanged End x Grooved End (FxG), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe** *(40 05 19 00-2600)*		
40 05 19 00-2997	EA	30" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,503.07	1,310.15
		For Class 52 Rating, Deduct	*-826.98*	
		For Class 54 Rating, Add	*1,151.52*	
		For Class 55 Rating, Add	*1,724.16*	
		For Class 56 Rating, Add	*2,289.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2998	EA	30" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,362.61	1,313.32
		For Class 52 Rating, Deduct	*-921.00*	
		For Class 54 Rating, Add	*1,279.79*	
		For Class 55 Rating, Add	*1,914.87*	
		For Class 56 Rating, Add	*2,541.59*	
40 05 19 00-2999	EA	30" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,222.12	1,316.50
		For Class 52 Rating, Deduct	*-1,015.02*	
		For Class 54 Rating, Add	*1,408.05*	
		For Class 55 Rating, Add	*2,105.59*	
		For Class 56 Rating, Add	*2,793.90*	
40 05 19 00-3000	EA	30" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,081.64	1,319.69
		For Class 52 Rating, Deduct	*-1,109.03*	
		For Class 54 Rating, Add	*1,536.31*	
		For Class 55 Rating, Add	*2,296.30*	
		For Class 56 Rating, Add	*3,046.21*	
40 05 19 00-3001	EA	30" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,941.15	1,322.87
		For Class 52 Rating, Deduct	*-1,203.05*	
		For Class 54 Rating, Add	*1,664.57*	
		For Class 55 Rating, Add	*2,487.01*	
		For Class 56 Rating, Add	*3,298.52*	
40 05 19 00-3002	EA	30" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,800.67	1,326.05
		For Class 52 Rating, Deduct	*-1,297.07*	
		For Class 54 Rating, Add	*1,792.84*	
		For Class 55 Rating, Add	*2,677.73*	
		For Class 56 Rating, Add	*3,550.83*	
40 05 19 00-3003	EA	30" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,660.20	1,329.23
		For Class 52 Rating, Deduct	*-1,391.08*	
		For Class 54 Rating, Add	*1,921.10*	
		For Class 55 Rating, Add	*2,868.44*	
		For Class 56 Rating, Add	*3,803.14*	
40 05 19 00-3004	EA	30" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,519.71	1,332.41
		For Class 52 Rating, Deduct	*-1,485.10*	
		For Class 54 Rating, Add	*2,049.36*	
		For Class 55 Rating, Add	*3,059.16*	
		For Class 56 Rating, Add	*4,055.45*	
40 05 19 00-3005	EA	30" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,379.24	1,335.59
		For Class 52 Rating, Deduct	*-1,579.12*	
		For Class 54 Rating, Add	*2,177.63*	
		For Class 55 Rating, Add	*3,249.87*	
		For Class 56 Rating, Add	*4,307.76*	
40 05 19 00-3006	EA	30" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,238.76	1,338.76
		For Class 52 Rating, Deduct	*-1,673.14*	
		For Class 54 Rating, Add	*2,305.89*	
		For Class 55 Rating, Add	*3,440.58*	
		For Class 56 Rating, Add	*4,560.07*	
40 05 19 00-3007	EA	30" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	18,098.28	1,341.94
		For Class 52 Rating, Deduct	*-1,767.15*	
		For Class 54 Rating, Add	*2,434.15*	
		For Class 55 Rating, Add	*3,631.30*	
		For Class 56 Rating, Add	*4,812.38*	
40 05 19 00-3008	EA	30" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	18,957.80	1,345.13
		For Class 52 Rating, Deduct	*-1,861.17*	
		For Class 54 Rating, Add	*2,562.42*	
		For Class 55 Rating, Add	*3,822.01*	
		For Class 56 Rating, Add	*5,064.69*	
40 05 19 00-3009	EA	30" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	19,817.32	1,348.31
		For Class 52 Rating, Deduct	*-1,955.19*	
		For Class 54 Rating, Add	*2,690.68*	
		For Class 55 Rating, Add	*4,012.73*	
		For Class 56 Rating, Add	*5,317.00*	
40 05 19 00-3010	EA	30" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	20,676.83	1,351.49
		For Class 52 Rating, Deduct	*-2,049.20*	
		For Class 54 Rating, Add	*2,818.94*	
		For Class 55 Rating, Add	*4,203.44*	
		For Class 56 Rating, Add	*5,569.31*	
40 05 19 00-3011	EA	30" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	21,536.36	1,354.67
		For Class 52 Rating, Deduct	*-2,143.22*	
		For Class 54 Rating, Add	*2,947.20*	
		For Class 55 Rating, Add	*4,394.15*	
		For Class 56 Rating, Add	*5,821.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3012	EA	30" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	22,395.89	1,357.85
		For Class 52 Rating, Deduct	*-2,237.24*	
		For Class 54 Rating, Add	*3,075.47*	
		For Class 55 Rating, Add	*4,584.87*	
		For Class 56 Rating, Add	*6,073.93*	
40 05 19 00-3013	EA	30" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	23,255.40	1,361.03
		For Class 52 Rating, Deduct	*-2,331.26*	
		For Class 54 Rating, Add	*3,203.73*	
		For Class 55 Rating, Add	*4,775.58*	
		For Class 56 Rating, Add	*6,326.24*	
40 05 19 00-3014	EA	30" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	24,114.92	1,364.21
		For Class 52 Rating, Deduct	*-2,425.27*	
		For Class 54 Rating, Add	*3,331.99*	
		For Class 55 Rating, Add	*4,966.30*	
		For Class 56 Rating, Add	*6,578.55*	
40 05 19 00-3015	EA	30" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	24,974.44	1,367.38
		For Class 52 Rating, Deduct	*-2,519.29*	
		For Class 54 Rating, Add	*3,460.26*	
		For Class 55 Rating, Add	*5,157.01*	
		For Class 56 Rating, Add	*6,830.86*	
40 05 19 00-3016	EA	30" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	25,833.95	1,370.56
		For Class 52 Rating, Deduct	*-2,613.31*	
		For Class 54 Rating, Add	*3,588.52*	
		For Class 55 Rating, Add	*5,347.73*	
		For Class 56 Rating, Add	*7,083.17*	
40 05 19 00-3017	EA	30" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	26,693.49	1,373.75
		For Class 52 Rating, Deduct	*-2,707.33*	
		For Class 54 Rating, Add	*3,716.78*	
		For Class 55 Rating, Add	*5,538.44*	
		For Class 56 Rating, Add	*7,335.49*	
40 05 19 00-3018	EA	30" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	27,553.01	1,376.93
		For Class 52 Rating, Deduct	*-2,801.34*	
		For Class 54 Rating, Add	*3,845.05*	
		For Class 55 Rating, Add	*5,729.16*	
		For Class 56 Rating, Add	*7,587.80*	
40 05 19 00-3019	EA	30" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	28,412.52	1,380.11
		For Class 52 Rating, Deduct	*-2,895.36*	
		For Class 54 Rating, Add	*3,973.31*	
		For Class 55 Rating, Add	*5,919.87*	
		For Class 56 Rating, Add	*7,840.11*	
40 05 19 00-3020	EA	30" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	29,272.04	1,383.29
		For Class 52 Rating, Deduct	*-2,989.38*	
		For Class 54 Rating, Add	*4,101.57*	
		For Class 55 Rating, Add	*6,110.58*	
		For Class 56 Rating, Add	*8,092.42*	
40 05 19 00-3021	EA	30" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	30,131.56	1,386.47
		For Class 52 Rating, Deduct	*-3,083.39*	
		For Class 54 Rating, Add	*4,229.84*	
		For Class 55 Rating, Add	*6,301.30*	
		For Class 56 Rating, Add	*8,344.73*	
40 05 19 00-3022	EA	30" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	30,991.08	1,389.65
		For Class 52 Rating, Deduct	*-3,177.41*	
		For Class 54 Rating, Add	*4,358.10*	
		For Class 55 Rating, Add	*6,492.01*	
		For Class 56 Rating, Add	*8,597.04*	
40 05 19 00-3023	EA	30" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	31,850.61	1,392.83
		For Class 52 Rating, Deduct	*-3,271.43*	
		For Class 54 Rating, Add	*4,486.36*	
		For Class 55 Rating, Add	*6,682.73*	
		For Class 56 Rating, Add	*8,849.35*	
40 05 19 00-3024	EA	30" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	32,710.13	1,396.00
		For Class 52 Rating, Deduct	*-3,365.45*	
		For Class 54 Rating, Add	*4,614.63*	
		For Class 55 Rating, Add	*6,873.44*	
		For Class 56 Rating, Add	*9,101.66*	
40 05 19 00-3025	EA	30" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	33,569.64	1,399.18
		For Class 52 Rating, Deduct	*-3,459.46*	
		For Class 54 Rating, Add	*4,742.89*	
		For Class 55 Rating, Add	*7,064.15*	
		For Class 56 Rating, Add	*9,353.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3026	EA	30" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	34,429.16	1,402.37
		For Class 52 Rating, Deduct	*-3,553.48*	
		For Class 54 Rating, Add	*4,871.15*	
		For Class 55 Rating, Add	*7,254.87*	
		For Class 56 Rating, Add	*9,606.28*	
40 05 19 00-3027	EA	30" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	35,288.69	1,405.55
		For Class 52 Rating, Deduct	*-3,647.50*	
		For Class 54 Rating, Add	*4,999.42*	
		For Class 55 Rating, Add	*7,445.58*	
		For Class 56 Rating, Add	*9,858.59*	
40 05 19 00-3028	EA	30" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	36,148.20	1,408.73
		For Class 52 Rating, Deduct	*-3,741.51*	
		For Class 54 Rating, Add	*5,127.68*	
		For Class 55 Rating, Add	*7,636.30*	
		For Class 56 Rating, Add	*10,110.90*	
40 05 19 00-3029	EA	30" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	37,007.72	1,411.91
		For Class 52 Rating, Deduct	*-3,835.53*	
		For Class 54 Rating, Add	*5,255.94*	
		For Class 55 Rating, Add	*7,827.01*	
		For Class 56 Rating, Add	*10,363.21*	
40 05 19 00-3030	EA	30" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	37,867.24	1,415.09
		For Class 52 Rating, Deduct	*-3,929.55*	
		For Class 54 Rating, Add	*5,384.20*	
		For Class 55 Rating, Add	*8,017.72*	
		For Class 56 Rating, Add	*10,615.52*	
40 05 19 00-3031	EA	30" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	38,726.77	1,418.27
		For Class 52 Rating, Deduct	*-4,023.57*	
		For Class 54 Rating, Add	*5,512.47*	
		For Class 55 Rating, Add	*8,208.44*	
		For Class 56 Rating, Add	*10,867.83*	

40 05 19 00-3032 36" Flanged End x Grooved End (FxG), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-2600)*

40 05 19 00-3033	EA	36" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,145.43	1,659.95
		For Class 52 Rating, Deduct	*-1,169.34*	
		For Class 54 Rating, Add	*1,624.73*	
		For Class 55 Rating, Add	*2,430.93*	
		For Class 56 Rating, Add	*3,226.50*	
40 05 19 00-3034	EA	36" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,297.35	1,663.13
		For Class 52 Rating, Deduct	*-1,295.52*	
		For Class 54 Rating, Add	*1,796.86*	
		For Class 55 Rating, Add	*2,686.85*	
		For Class 56 Rating, Add	*3,565.07*	
40 05 19 00-3035	EA	36" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,449.26	1,666.31
		For Class 52 Rating, Deduct	*-1,421.70*	
		For Class 54 Rating, Add	*1,968.98*	
		For Class 55 Rating, Add	*2,942.77*	
		For Class 56 Rating, Add	*3,903.63*	
40 05 19 00-3036	EA	36" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,601.18	1,669.48
		For Class 52 Rating, Deduct	*-1,547.88*	
		For Class 54 Rating, Add	*2,141.10*	
		For Class 55 Rating, Add	*3,198.69*	
		For Class 56 Rating, Add	*4,242.20*	
40 05 19 00-3037	EA	36" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,753.10	1,672.66
		For Class 52 Rating, Deduct	*-1,674.06*	
		For Class 54 Rating, Add	*2,313.23*	
		For Class 55 Rating, Add	*3,454.61*	
		For Class 56 Rating, Add	*4,580.77*	
40 05 19 00-3038	EA	36" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	18,905.02	1,675.84
		For Class 52 Rating, Deduct	*-1,800.24*	
		For Class 54 Rating, Add	*2,485.35*	
		For Class 55 Rating, Add	*3,710.53*	
		For Class 56 Rating, Add	*4,919.34*	
40 05 19 00-3039	EA	36" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	20,056.94	1,679.02
		For Class 52 Rating, Deduct	*-1,926.43*	
		For Class 54 Rating, Add	*2,657.47*	
		For Class 55 Rating, Add	*3,966.45*	
		For Class 56 Rating, Add	*5,257.91*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3040	EA	36" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	21,208.86	1,682.20
		For Class 52 Rating, Deduct	*-2,052.61*	
		For Class 54 Rating, Add	*2,829.59*	
		For Class 55 Rating, Add	*4,222.36*	
		For Class 56 Rating, Add	*5,596.47*	
40 05 19 00-3041	EA	36" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	22,360.77	1,685.39
		For Class 52 Rating, Deduct	*-2,178.79*	
		For Class 54 Rating, Add	*3,001.72*	
		For Class 55 Rating, Add	*4,478.28*	
		For Class 56 Rating, Add	*5,935.04*	
40 05 19 00-3042	EA	36" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	23,512.69	1,688.57
		For Class 52 Rating, Deduct	*-2,304.97*	
		For Class 54 Rating, Add	*3,173.84*	
		For Class 55 Rating, Add	*4,734.20*	
		For Class 56 Rating, Add	*6,273.61*	
40 05 19 00-3043	EA	36" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	24,664.60	1,691.75
		For Class 52 Rating, Deduct	*-2,431.15*	
		For Class 54 Rating, Add	*3,345.96*	
		For Class 55 Rating, Add	*4,990.12*	
		For Class 56 Rating, Add	*6,612.18*	
40 05 19 00-3044	EA	36" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	25,816.53	1,694.93
		For Class 52 Rating, Deduct	*-2,557.33*	
		For Class 54 Rating, Add	*3,518.09*	
		For Class 55 Rating, Add	*5,246.04*	
		For Class 56 Rating, Add	*6,950.75*	
40 05 19 00-3045	EA	36" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	26,968.45	1,698.10
		For Class 52 Rating, Deduct	*-2,683.51*	
		For Class 54 Rating, Add	*3,690.21*	
		For Class 55 Rating, Add	*5,501.96*	
		For Class 56 Rating, Add	*7,289.31*	
40 05 19 00-3046	EA	36" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	28,120.36	1,701.28
		For Class 52 Rating, Deduct	*-2,809.69*	
		For Class 54 Rating, Add	*3,862.33*	
		For Class 55 Rating, Add	*5,757.88*	
		For Class 56 Rating, Add	*7,627.88*	
40 05 19 00-3047	EA	36" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	29,272.28	1,704.46
		For Class 52 Rating, Deduct	*-2,935.87*	
		For Class 54 Rating, Add	*4,034.45*	
		For Class 55 Rating, Add	*6,013.80*	
		For Class 56 Rating, Add	*7,966.45*	
40 05 19 00-3048	EA	36" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	30,424.20	1,707.64
		For Class 52 Rating, Deduct	*-3,062.05*	
		For Class 54 Rating, Add	*4,206.58*	
		For Class 55 Rating, Add	*6,269.72*	
		For Class 56 Rating, Add	*8,305.02*	
40 05 19 00-3049	EA	36" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	31,576.11	1,710.82
		For Class 52 Rating, Deduct	*-3,188.24*	
		For Class 54 Rating, Add	*4,378.70*	
		For Class 55 Rating, Add	*6,525.63*	
		For Class 56 Rating, Add	*8,643.59*	
40 05 19 00-3050	EA	36" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	32,728.04	1,714.01
		For Class 52 Rating, Deduct	*-3,314.42*	
		For Class 54 Rating, Add	*4,550.82*	
		For Class 55 Rating, Add	*6,781.55*	
		For Class 56 Rating, Add	*8,982.15*	
40 05 19 00-3051	EA	36" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	33,879.96	1,717.19
		For Class 52 Rating, Deduct	*-3,440.60*	
		For Class 54 Rating, Add	*4,722.95*	
		For Class 55 Rating, Add	*7,037.47*	
		For Class 56 Rating, Add	*9,320.72*	
40 05 19 00-3052	EA	36" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	35,031.87	1,720.37
		For Class 52 Rating, Deduct	*-3,566.78*	
		For Class 54 Rating, Add	*4,895.07*	
		For Class 55 Rating, Add	*7,293.39*	
		For Class 56 Rating, Add	*9,659.29*	
40 05 19 00-3053	EA	36" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	36,183.79	1,723.55
		For Class 52 Rating, Deduct	*-3,692.96*	
		For Class 54 Rating, Add	*5,067.19*	
		For Class 55 Rating, Add	*7,549.31*	
		For Class 56 Rating, Add	*9,997.86*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3054	EA	36" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	37,335.71	1,726.72
		For Class 52 Rating, Deduct	*-3,819.14*	
		For Class 54 Rating, Add	*5,239.31*	
		For Class 55 Rating, Add	*7,805.23*	
		For Class 56 Rating, Add	*10,336.43*	
40 05 19 00-3055	EA	36" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	38,487.62	1,729.90
		For Class 52 Rating, Deduct	*-3,945.32*	
		For Class 54 Rating, Add	*5,411.44*	
		For Class 55 Rating, Add	*8,061.15*	
		For Class 56 Rating, Add	*10,674.99*	
40 05 19 00-3056	EA	36" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	39,639.54	1,733.08
		For Class 52 Rating, Deduct	*-4,071.50*	
		For Class 54 Rating, Add	*5,583.56*	
		For Class 55 Rating, Add	*8,317.07*	
		For Class 56 Rating, Add	*11,013.56*	
40 05 19 00-3057	EA	36" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	40,791.47	1,736.26
		For Class 52 Rating, Deduct	*-4,197.68*	
		For Class 54 Rating, Add	*5,755.68*	
		For Class 55 Rating, Add	*8,572.99*	
		For Class 56 Rating, Add	*11,352.13*	
40 05 19 00-3058	EA	36" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	41,943.38	1,739.44
		For Class 52 Rating, Deduct	*-4,323.86*	
		For Class 54 Rating, Add	*5,927.81*	
		For Class 55 Rating, Add	*8,828.91*	
		For Class 56 Rating, Add	*11,690.70*	
40 05 19 00-3059	EA	36" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	43,095.30	1,742.63
		For Class 52 Rating, Deduct	*-4,450.05*	
		For Class 54 Rating, Add	*6,099.93*	
		For Class 55 Rating, Add	*9,084.82*	
		For Class 56 Rating, Add	*12,029.27*	
40 05 19 00-3060	EA	36" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	44,247.22	1,745.81
		For Class 52 Rating, Deduct	*-4,576.23*	
		For Class 54 Rating, Add	*6,272.05*	
		For Class 55 Rating, Add	*9,340.74*	
		For Class 56 Rating, Add	*12,367.83*	
40 05 19 00-3061	EA	36" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	45,399.13	1,748.99
		For Class 52 Rating, Deduct	*-4,702.41*	
		For Class 54 Rating, Add	*6,444.17*	
		For Class 55 Rating, Add	*9,596.66*	
		For Class 56 Rating, Add	*12,706.40*	
40 05 19 00-3062	EA	36" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	46,551.05	1,752.16
		For Class 52 Rating, Deduct	*-4,828.59*	
		For Class 54 Rating, Add	*6,616.30*	
		For Class 55 Rating, Add	*9,852.58*	
		For Class 56 Rating, Add	*13,044.97*	
40 05 19 00-3063	EA	36" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	47,702.98	1,755.34
		For Class 52 Rating, Deduct	*-4,954.77*	
		For Class 54 Rating, Add	*6,788.42*	
		For Class 55 Rating, Add	*10,108.50*	
		For Class 56 Rating, Add	*13,383.54*	
40 05 19 00-3064	EA	36" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	48,854.89	1,758.52
		For Class 52 Rating, Deduct	*-5,080.95*	
		For Class 54 Rating, Add	*6,960.54*	
		For Class 55 Rating, Add	*10,364.42*	
		For Class 56 Rating, Add	*13,722.11*	
40 05 19 00-3065	EA	36" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	50,006.81	1,761.70
		For Class 52 Rating, Deduct	*-5,207.13*	
		For Class 54 Rating, Add	*7,132.67*	
		For Class 55 Rating, Add	*10,620.34*	
		For Class 56 Rating, Add	*14,060.67*	
40 05 19 00-3066	EA	36" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	51,158.73	1,764.88
		For Class 52 Rating, Deduct	*-5,333.31*	
		For Class 54 Rating, Add	*7,304.79*	
		For Class 55 Rating, Add	*10,876.26*	
		For Class 56 Rating, Add	*14,399.24*	
40 05 19 00-3067	EA	36" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	52,310.64	1,768.06
		For Class 52 Rating, Deduct	*-5,459.49*	
		For Class 54 Rating, Add	*7,476.91*	
		For Class 55 Rating, Add	*11,132.18*	
		For Class 56 Rating, Add	*14,737.81*	

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3068		Flanged End x Plain End (FxPE), Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-2059)*		
40 05 19 00-3069		4" Flanged End x Plain End (FxPE), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-3068)*		
40 05 19 00-3070	EA	4" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	710.78	155.51
		For Class 52 Rating, Deduct	*-52.27*	
		For Class 54 Rating, Add	*74.10*	
		For Class 55 Rating, Add	*111.61*	
		For Class 56 Rating, Add	*148.65*	
40 05 19 00-3071	EA	4" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	821.73	158.24
		For Class 52 Rating, Deduct	*-64.02*	
		For Class 54 Rating, Add	*90.17*	
		For Class 55 Rating, Add	*135.54*	
		For Class 56 Rating, Add	*180.32*	
40 05 19 00-3072	EA	4" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	932.69	160.96
		For Class 52 Rating, Deduct	*-75.77*	
		For Class 54 Rating, Add	*106.25*	
		For Class 55 Rating, Add	*159.46*	
		For Class 56 Rating, Add	*211.98*	
40 05 19 00-3073	EA	4" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,043.65	163.67
		For Class 52 Rating, Deduct	*-87.52*	
		For Class 54 Rating, Add	*122.32*	
		For Class 55 Rating, Add	*183.38*	
		For Class 56 Rating, Add	*243.65*	
40 05 19 00-3074	EA	4" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,154.61	166.39
		For Class 52 Rating, Deduct	*-99.28*	
		For Class 54 Rating, Add	*138.40*	
		For Class 55 Rating, Add	*207.31*	
		For Class 56 Rating, Add	*275.31*	
40 05 19 00-3075	EA	4" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,265.56	169.12
		For Class 52 Rating, Deduct	*-111.03*	
		For Class 54 Rating, Add	*154.48*	
		For Class 55 Rating, Add	*231.23*	
		For Class 56 Rating, Add	*306.98*	
40 05 19 00-3076	EA	4" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,376.52	171.84
		For Class 52 Rating, Deduct	*-122.78*	
		For Class 54 Rating, Add	*170.55*	
		For Class 55 Rating, Add	*255.15*	
		For Class 56 Rating, Add	*338.64*	
40 05 19 00-3077	EA	4" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,487.48	174.55
		For Class 52 Rating, Deduct	*-134.53*	
		For Class 54 Rating, Add	*186.63*	
		For Class 55 Rating, Add	*279.08*	
		For Class 56 Rating, Add	*370.31*	
40 05 19 00-3078	EA	4" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,598.43	177.27
		For Class 52 Rating, Deduct	*-146.28*	
		For Class 54 Rating, Add	*202.70*	
		For Class 55 Rating, Add	*303.00*	
		For Class 56 Rating, Add	*401.97*	
40 05 19 00-3079	EA	4" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,709.40	180.00
		For Class 52 Rating, Deduct	*-158.04*	
		For Class 54 Rating, Add	*218.78*	
		For Class 55 Rating, Add	*326.93*	
		For Class 56 Rating, Add	*433.64*	
40 05 19 00-3080	EA	4" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,820.34	182.70
		For Class 52 Rating, Deduct	*-169.79*	
		For Class 54 Rating, Add	*234.85*	
		For Class 55 Rating, Add	*350.85*	
		For Class 56 Rating, Add	*465.30*	
40 05 19 00-3081	EA	4" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,931.30	185.42
		For Class 52 Rating, Deduct	*-181.54*	
		For Class 54 Rating, Add	*250.93*	
		For Class 55 Rating, Add	*374.77*	
		For Class 56 Rating, Add	*496.97*	
40 05 19 00-3082	EA	4" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,042.27	188.15
		For Class 52 Rating, Deduct	*-193.29*	
		For Class 54 Rating, Add	*267.00*	
		For Class 55 Rating, Add	*398.70*	
		For Class 56 Rating, Add	*528.64*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3083	EA	4" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,153.22	190.87
		For Class 52 Rating, Deduct	*-205.04*	
		For Class 54 Rating, Add	*283.08*	
		For Class 55 Rating, Add	*422.62*	
		For Class 56 Rating, Add	*560.30*	
40 05 19 00-3084	EA	4" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,264.19	193.58
		For Class 52 Rating, Deduct	*-216.80*	
		For Class 54 Rating, Add	*299.15*	
		For Class 55 Rating, Add	*446.55*	
		For Class 56 Rating, Add	*591.97*	
40 05 19 00-3085	EA	4" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,375.13	196.30
		For Class 52 Rating, Deduct	*-228.55*	
		For Class 54 Rating, Add	*315.23*	
		For Class 55 Rating, Add	*470.47*	
		For Class 56 Rating, Add	*623.63*	
40 05 19 00-3086	EA	4" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,486.09	199.03
		For Class 52 Rating, Deduct	*-240.30*	
		For Class 54 Rating, Add	*331.30*	
		For Class 55 Rating, Add	*494.39*	
		For Class 56 Rating, Add	*655.30*	
40 05 19 00-3087	EA	4" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,597.06	201.73
		For Class 52 Rating, Deduct	*-252.05*	
		For Class 54 Rating, Add	*347.38*	
		For Class 55 Rating, Add	*518.32*	
		For Class 56 Rating, Add	*686.96*	
40 05 19 00-3088	EA	4" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,708.01	204.46
		For Class 52 Rating, Deduct	*-263.81*	
		For Class 54 Rating, Add	*363.45*	
		For Class 55 Rating, Add	*542.24*	
		For Class 56 Rating, Add	*718.63*	
40 05 19 00-3089	EA	4" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,818.96	207.18
		For Class 52 Rating, Deduct	*-275.56*	
		For Class 54 Rating, Add	*379.53*	
		For Class 55 Rating, Add	*566.16*	
		For Class 56 Rating, Add	*750.29*	
40 05 19 00-3090	EA	4" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,929.92	209.91
		For Class 52 Rating, Deduct	*-287.31*	
		For Class 54 Rating, Add	*395.60*	
		For Class 55 Rating, Add	*590.09*	
		For Class 56 Rating, Add	*781.96*	
40 05 19 00-3091	EA	4" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,040.88	212.61
		For Class 52 Rating, Deduct	*-299.06*	
		For Class 54 Rating, Add	*411.68*	
		For Class 55 Rating, Add	*614.01*	
		For Class 56 Rating, Add	*813.63*	
40 05 19 00-3092	EA	4" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,151.84	215.34
		For Class 52 Rating, Deduct	*-310.81*	
		For Class 54 Rating, Add	*427.75*	
		For Class 55 Rating, Add	*637.93*	
		For Class 56 Rating, Add	*845.29*	
40 05 19 00-3093	EA	4" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,262.80	218.06
		For Class 52 Rating, Deduct	*-322.57*	
		For Class 54 Rating, Add	*443.83*	
		For Class 55 Rating, Add	*661.86*	
		For Class 56 Rating, Add	*876.96*	
40 05 19 00-3094	EA	4" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,649.28	220.76
		For Class 52 Rating, Deduct	*-364.63*	
		For Class 54 Rating, Add	*501.23*	
		For Class 55 Rating, Add	*747.22*	
		For Class 56 Rating, Add	*989.90*	
40 05 19 00-3095	EA	4" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,760.23	223.49
		For Class 52 Rating, Deduct	*-376.38*	
		For Class 54 Rating, Add	*517.31*	
		For Class 55 Rating, Add	*771.15*	
		For Class 56 Rating, Add	*1,021.57*	
40 05 19 00-3096	EA	4" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,871.20	226.21
		For Class 52 Rating, Deduct	*-388.13*	
		For Class 54 Rating, Add	*533.38*	
		For Class 55 Rating, Add	*795.07*	
		For Class 56 Rating, Add	*1,053.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3097	EA	4" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,982.16	228.94
		For Class 52 Rating, Deduct	*-399.88*	
		For Class 54 Rating, Add	*549.46*	
		For Class 55 Rating, Add	*819.00*	
		For Class 56 Rating, Add	*1,084.90*	
40 05 19 00-3098	EA	4" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,093.10	231.64
		For Class 52 Rating, Deduct	*-411.63*	
		For Class 54 Rating, Add	*565.53*	
		For Class 55 Rating, Add	*842.92*	
		For Class 56 Rating, Add	*1,116.56*	
40 05 19 00-3099	EA	4" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,204.07	234.37
		For Class 52 Rating, Deduct	*-423.39*	
		For Class 54 Rating, Add	*581.61*	
		For Class 55 Rating, Add	*866.84*	
		For Class 56 Rating, Add	*1,148.23*	
40 05 19 00-3100	EA	4" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,315.02	237.09
		For Class 52 Rating, Deduct	*-435.14*	
		For Class 54 Rating, Add	*597.68*	
		For Class 55 Rating, Add	*890.77*	
		For Class 56 Rating, Add	*1,179.90*	
40 05 19 00-3101	EA	4" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,425.98	239.81
		For Class 52 Rating, Deduct	*-446.89*	
		For Class 54 Rating, Add	*613.76*	
		For Class 55 Rating, Add	*914.69*	
		For Class 56 Rating, Add	*1,211.56*	
40 05 19 00-3102	EA	4" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,536.94	242.52
		For Class 52 Rating, Deduct	*-458.64*	
		For Class 54 Rating, Add	*629.83*	
		For Class 55 Rating, Add	*938.61*	
		For Class 56 Rating, Add	*1,243.23*	
40 05 19 00-3103	EA	4" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,647.89	245.25
		For Class 52 Rating, Deduct	*-470.40*	
		For Class 54 Rating, Add	*645.91*	
		For Class 55 Rating, Add	*962.54*	
		For Class 56 Rating, Add	*1,274.89*	
40 05 19 00-3104	EA	4" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,758.86	247.97
		For Class 52 Rating, Deduct	*-482.15*	
		For Class 54 Rating, Add	*661.98*	
		For Class 55 Rating, Add	*986.46*	
		For Class 56 Rating, Add	*1,306.56*	
40 05 19 00-3105	EA	4" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,869.81	250.67
		For Class 52 Rating, Deduct	*-493.90*	
		For Class 54 Rating, Add	*678.06*	
		For Class 55 Rating, Add	*1,010.39*	
		For Class 56 Rating, Add	*1,338.22*	
40 05 19 00-3106	EA	4" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,980.77	253.40
		For Class 52 Rating, Deduct	*-505.65*	
		For Class 54 Rating, Add	*694.13*	
		For Class 55 Rating, Add	*1,034.31*	
		For Class 56 Rating, Add	*1,369.89*	
40 05 19 00-3107	EA	4" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,091.73	256.12
		For Class 52 Rating, Deduct	*-517.40*	
		For Class 54 Rating, Add	*710.21*	
		For Class 55 Rating, Add	*1,058.23*	
		For Class 56 Rating, Add	*1,401.55*	
40 05 19 00-3108	EA	4" Flanged x Plain End (FxPE), 20'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,202.68	258.84
		For Class 52 Rating, Deduct	*-529.16*	
		For Class 54 Rating, Add	*726.28*	
		For Class 55 Rating, Add	*1,082.16*	
		For Class 56 Rating, Add	*1,433.22*	
40 05 19 00-3109		6" Flanged End x Plain End (FxPE), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-3068)*		
40 05 19 00-3110	EA	6" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	872.96	195.76
		For Class 52 Rating, Deduct	*-63.40*	
		For Class 54 Rating, Add	*90.01*	
		For Class 55 Rating, Add	*135.65*	
		For Class 56 Rating, Add	*180.70*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3111	EA	6" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,000.80	198.48
		For Class 52 Rating, Deduct	*-77.01*	
		For Class 54 Rating, Add	*108.62*	
		For Class 55 Rating, Add	*163.33*	
		For Class 56 Rating, Add	*217.35*	
40 05 19 00-3112	EA	6" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,128.62	201.20
		For Class 52 Rating, Deduct	*-90.62*	
		For Class 54 Rating, Add	*127.23*	
		For Class 55 Rating, Add	*191.02*	
		For Class 56 Rating, Add	*253.99*	
40 05 19 00-3113	EA	6" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,256.44	203.91
		For Class 52 Rating, Deduct	*-104.22*	
		For Class 54 Rating, Add	*145.83*	
		For Class 55 Rating, Add	*218.70*	
		For Class 56 Rating, Add	*290.63*	
40 05 19 00-3114	EA	6" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,384.28	206.64
		For Class 52 Rating, Deduct	*-117.83*	
		For Class 54 Rating, Add	*164.44*	
		For Class 55 Rating, Add	*246.39*	
		For Class 56 Rating, Add	*327.27*	
40 05 19 00-3115	EA	6" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,512.10	209.35
		For Class 52 Rating, Deduct	*-131.44*	
		For Class 54 Rating, Add	*183.04*	
		For Class 55 Rating, Add	*274.08*	
		For Class 56 Rating, Add	*363.91*	
40 05 19 00-3116	EA	6" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,639.92	212.07
		For Class 52 Rating, Deduct	*-145.05*	
		For Class 54 Rating, Add	*201.65*	
		For Class 55 Rating, Add	*301.76*	
		For Class 56 Rating, Add	*400.55*	
40 05 19 00-3117	EA	6" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,767.75	214.79
		For Class 52 Rating, Deduct	*-158.65*	
		For Class 54 Rating, Add	*220.25*	
		For Class 55 Rating, Add	*329.45*	
		For Class 56 Rating, Add	*437.20*	
40 05 19 00-3118	EA	6" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,895.58	217.52
		For Class 52 Rating, Deduct	*-172.26*	
		For Class 54 Rating, Add	*238.86*	
		For Class 55 Rating, Add	*357.13*	
		For Class 56 Rating, Add	*473.84*	
40 05 19 00-3119	EA	6" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,023.40	220.23
		For Class 52 Rating, Deduct	*-185.87*	
		For Class 54 Rating, Add	*257.46*	
		For Class 55 Rating, Add	*384.82*	
		For Class 56 Rating, Add	*510.48*	
40 05 19 00-3120	EA	6" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,151.23	222.94
		For Class 52 Rating, Deduct	*-199.48*	
		For Class 54 Rating, Add	*276.07*	
		For Class 55 Rating, Add	*412.50*	
		For Class 56 Rating, Add	*547.12*	
40 05 19 00-3121	EA	6" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,279.06	225.67
		For Class 52 Rating, Deduct	*-213.09*	
		For Class 54 Rating, Add	*294.67*	
		For Class 55 Rating, Add	*440.19*	
		For Class 56 Rating, Add	*583.77*	
40 05 19 00-3122	EA	6" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,406.87	228.38
		For Class 52 Rating, Deduct	*-226.69*	
		For Class 54 Rating, Add	*313.28*	
		For Class 55 Rating, Add	*467.87*	
		For Class 56 Rating, Add	*620.40*	
40 05 19 00-3123	EA	6" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,534.71	231.10
		For Class 52 Rating, Deduct	*-240.30*	
		For Class 54 Rating, Add	*331.88*	
		For Class 55 Rating, Add	*495.56*	
		For Class 56 Rating, Add	*657.05*	
40 05 19 00-3124	EA	6" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,662.54	233.82
		For Class 52 Rating, Deduct	*-253.91*	
		For Class 54 Rating, Add	*350.49*	
		For Class 55 Rating, Add	*523.24*	
		For Class 56 Rating, Add	*693.69*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3125	EA	6" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,790.36	236.55
		For Class 52 Rating, Deduct	*-267.52*	
		For Class 54 Rating, Add	*369.09*	
		For Class 55 Rating, Add	*550.93*	
		For Class 56 Rating, Add	*730.33*	
40 05 19 00-3126	EA	6" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,918.19	239.26
		For Class 52 Rating, Deduct	*-281.12*	
		For Class 54 Rating, Add	*387.70*	
		For Class 55 Rating, Add	*578.61*	
		For Class 56 Rating, Add	*766.97*	
40 05 19 00-3127	EA	6" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,046.01	241.98
		For Class 52 Rating, Deduct	*-294.73*	
		For Class 54 Rating, Add	*406.31*	
		For Class 55 Rating, Add	*606.30*	
		For Class 56 Rating, Add	*803.62*	
40 05 19 00-3128	EA	6" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,173.85	244.70
		For Class 52 Rating, Deduct	*-308.34*	
		For Class 54 Rating, Add	*424.91*	
		For Class 55 Rating, Add	*633.99*	
		For Class 56 Rating, Add	*840.26*	
40 05 19 00-3129	EA	6" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,301.67	247.43
		For Class 52 Rating, Deduct	*-321.95*	
		For Class 54 Rating, Add	*443.52*	
		For Class 55 Rating, Add	*661.67*	
		For Class 56 Rating, Add	*876.90*	
40 05 19 00-3130	EA	6" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,429.49	250.13
		For Class 52 Rating, Deduct	*-335.56*	
		For Class 54 Rating, Add	*462.12*	
		For Class 55 Rating, Add	*689.36*	
		For Class 56 Rating, Add	*913.54*	
40 05 19 00-3131	EA	6" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,557.33	252.85
		For Class 52 Rating, Deduct	*-349.16*	
		For Class 54 Rating, Add	*480.73*	
		For Class 55 Rating, Add	*717.04*	
		For Class 56 Rating, Add	*950.18*	
40 05 19 00-3132	EA	6" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,685.14	255.58
		For Class 52 Rating, Deduct	*-362.77*	
		For Class 54 Rating, Add	*499.33*	
		For Class 55 Rating, Add	*744.73*	
		For Class 56 Rating, Add	*986.82*	
40 05 19 00-3133	EA	6" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,812.97	258.29
		For Class 52 Rating, Deduct	*-376.38*	
		For Class 54 Rating, Add	*517.94*	
		For Class 55 Rating, Add	*772.41*	
		For Class 56 Rating, Add	*1,023.47*	
40 05 19 00-3134	EA	6" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,940.81	261.01
		For Class 52 Rating, Deduct	*-389.99*	
		For Class 54 Rating, Add	*536.55*	
		For Class 55 Rating, Add	*800.10*	
		For Class 56 Rating, Add	*1,060.11*	
40 05 19 00-3135	EA	6" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,068.62	263.73
		For Class 52 Rating, Deduct	*-403.59*	
		For Class 54 Rating, Add	*555.15*	
		For Class 55 Rating, Add	*827.78*	
		For Class 56 Rating, Add	*1,096.75*	
40 05 19 00-3136	EA	6" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,196.45	266.46
		For Class 52 Rating, Deduct	*-417.20*	
		For Class 54 Rating, Add	*573.76*	
		For Class 55 Rating, Add	*855.47*	
		For Class 56 Rating, Add	*1,133.39*	
40 05 19 00-3137	EA	6" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,324.28	269.16
		For Class 52 Rating, Deduct	*-430.81*	
		For Class 54 Rating, Add	*592.36*	
		For Class 55 Rating, Add	*883.16*	
		For Class 56 Rating, Add	*1,170.03*	
40 05 19 00-3138	EA	6" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,452.10	271.89
		For Class 52 Rating, Deduct	*-444.42*	
		For Class 54 Rating, Add	*610.97*	
		For Class 55 Rating, Add	*910.84*	
		For Class 56 Rating, Add	*1,206.67*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3139	EA	6" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,579.93	274.61
		For Class 52 Rating, Deduct	*-458.02*	
		For Class 54 Rating, Add	*629.57*	
		For Class 55 Rating, Add	*938.53*	
		For Class 56 Rating, Add	*1,243.32*	
40 05 19 00-3140	EA	6" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,707.76	277.32
		For Class 52 Rating, Deduct	*-471.63*	
		For Class 54 Rating, Add	*648.18*	
		For Class 55 Rating, Add	*966.21*	
		For Class 56 Rating, Add	*1,279.96*	
40 05 19 00-3141	EA	6" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,835.58	280.04
		For Class 52 Rating, Deduct	*-485.24*	
		For Class 54 Rating, Add	*666.78*	
		For Class 55 Rating, Add	*993.90*	
		For Class 56 Rating, Add	*1,316.60*	
40 05 19 00-3142	EA	6" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,963.40	282.76
		For Class 52 Rating, Deduct	*-498.85*	
		For Class 54 Rating, Add	*685.39*	
		For Class 55 Rating, Add	*1,021.58*	
		For Class 56 Rating, Add	*1,353.24*	
40 05 19 00-3143	EA	6" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,091.24	285.49
		For Class 52 Rating, Deduct	*-512.46*	
		For Class 54 Rating, Add	*703.99*	
		For Class 55 Rating, Add	*1,049.27*	
		For Class 56 Rating, Add	*1,389.89*	
40 05 19 00-3144	EA	6" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,219.07	288.19
		For Class 52 Rating, Deduct	*-526.06*	
		For Class 54 Rating, Add	*722.60*	
		For Class 55 Rating, Add	*1,076.96*	
		For Class 56 Rating, Add	*1,426.53*	
40 05 19 00-3145	EA	6" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,346.89	290.92
		For Class 52 Rating, Deduct	*-539.67*	
		For Class 54 Rating, Add	*741.20*	
		For Class 55 Rating, Add	*1,104.64*	
		For Class 56 Rating, Add	*1,463.17*	
40 05 19 00-3146	EA	6" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,474.72	293.64
		For Class 52 Rating, Deduct	*-553.28*	
		For Class 54 Rating, Add	*759.81*	
		For Class 55 Rating, Add	*1,132.33*	
		For Class 56 Rating, Add	*1,499.81*	
40 05 19 00-3147	EA	6" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,602.54	296.36
		For Class 52 Rating, Deduct	*-566.89*	
		For Class 54 Rating, Add	*778.42*	
		For Class 55 Rating, Add	*1,160.01*	
		For Class 56 Rating, Add	*1,536.45*	
40 05 19 00-3148	EA	6" Flanged x Plain End (FxPE), 20'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,730.37	299.07
		For Class 52 Rating, Deduct	*-580.49*	
		For Class 54 Rating, Add	*797.02*	
		For Class 55 Rating, Add	*1,187.70*	
		For Class 56 Rating, Add	*1,573.09*	

40 05 19 00-3149 8" Flanged End x Plain End (FxPE), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-3068)*

40 05 19 00-3150	EA	8" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,191.52	250.13
		For Class 52 Rating, Deduct	*-89.38*	
		For Class 54 Rating, Add	*126.43*	
		For Class 55 Rating, Add	*190.29*	
		For Class 56 Rating, Add	*253.34*	
40 05 19 00-3151	EA	8" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,355.91	252.85
		For Class 52 Rating, Deduct	*-107.01*	
		For Class 54 Rating, Add	*150.52*	
		For Class 55 Rating, Add	*226.13*	
		For Class 56 Rating, Add	*300.77*	
40 05 19 00-3152	EA	8" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,520.27	255.58
		For Class 52 Rating, Deduct	*-124.63*	
		For Class 54 Rating, Add	*174.60*	
		For Class 55 Rating, Add	*261.96*	
		For Class 56 Rating, Add	*348.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3153	EA	8" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,684.65	258.29
		For Class 52 Rating, Deduct	*-142.26*	
		For Class 54 Rating, Add	*198.69*	
		For Class 55 Rating, Add	*297.80*	
		For Class 56 Rating, Add	*395.61*	
40 05 19 00-3154	EA	8" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,849.04	261.01
		For Class 52 Rating, Deduct	*-159.89*	
		For Class 54 Rating, Add	*222.78*	
		For Class 55 Rating, Add	*333.64*	
		For Class 56 Rating, Add	*443.04*	
40 05 19 00-3155	EA	8" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,013.40	263.73
		For Class 52 Rating, Deduct	*-177.52*	
		For Class 54 Rating, Add	*246.87*	
		For Class 55 Rating, Add	*369.47*	
		For Class 56 Rating, Add	*490.46*	
40 05 19 00-3156	EA	8" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,177.78	266.46
		For Class 52 Rating, Deduct	*-195.15*	
		For Class 54 Rating, Add	*270.96*	
		For Class 55 Rating, Add	*405.31*	
		For Class 56 Rating, Add	*537.88*	
40 05 19 00-3157	EA	8" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,342.16	269.16
		For Class 52 Rating, Deduct	*-212.78*	
		For Class 54 Rating, Add	*295.04*	
		For Class 55 Rating, Add	*441.14*	
		For Class 56 Rating, Add	*585.31*	
40 05 19 00-3158	EA	8" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,506.53	271.89
		For Class 52 Rating, Deduct	*-230.40*	
		For Class 54 Rating, Add	*319.13*	
		For Class 55 Rating, Add	*476.98*	
		For Class 56 Rating, Add	*632.73*	
40 05 19 00-3159	EA	8" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,670.91	274.61
		For Class 52 Rating, Deduct	*-248.03*	
		For Class 54 Rating, Add	*343.22*	
		For Class 55 Rating, Add	*512.82*	
		For Class 56 Rating, Add	*680.16*	
40 05 19 00-3160	EA	8" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,835.29	277.32
		For Class 52 Rating, Deduct	*-265.66*	
		For Class 54 Rating, Add	*367.31*	
		For Class 55 Rating, Add	*548.65*	
		For Class 56 Rating, Add	*727.58*	
40 05 19 00-3161	EA	8" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,999.66	280.04
		For Class 52 Rating, Deduct	*-283.29*	
		For Class 54 Rating, Add	*391.39*	
		For Class 55 Rating, Add	*584.49*	
		For Class 56 Rating, Add	*775.00*	
40 05 19 00-3162	EA	8" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,164.03	282.76
		For Class 52 Rating, Deduct	*-300.92*	
		For Class 54 Rating, Add	*415.48*	
		For Class 55 Rating, Add	*620.32*	
		For Class 56 Rating, Add	*822.43*	
40 05 19 00-3163	EA	8" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,328.42	285.49
		For Class 52 Rating, Deduct	*-318.55*	
		For Class 54 Rating, Add	*439.57*	
		For Class 55 Rating, Add	*656.16*	
		For Class 56 Rating, Add	*869.85*	
40 05 19 00-3164	EA	8" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,492.79	288.19
		For Class 52 Rating, Deduct	*-336.17*	
		For Class 54 Rating, Add	*463.66*	
		For Class 55 Rating, Add	*691.99*	
		For Class 56 Rating, Add	*917.28*	
40 05 19 00-3165	EA	8" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,657.17	290.92
		For Class 52 Rating, Deduct	*-353.80*	
		For Class 54 Rating, Add	*487.75*	
		For Class 55 Rating, Add	*727.83*	
		For Class 56 Rating, Add	*964.70*	
40 05 19 00-3166	EA	8" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,821.55	293.64
		For Class 52 Rating, Deduct	*-371.43*	
		For Class 54 Rating, Add	*511.83*	
		For Class 55 Rating, Add	*763.67*	
		For Class 56 Rating, Add	*1,012.13*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3167	EA	8" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,985.91	296.36
		For Class 52 Rating, Deduct	*-389.06*	
		For Class 54 Rating, Add	*535.92*	
		For Class 55 Rating, Add	*799.50*	
		For Class 56 Rating, Add	*1,059.55*	
40 05 19 00-3168	EA	8" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,150.30	299.07
		For Class 52 Rating, Deduct	*-406.69*	
		For Class 54 Rating, Add	*560.01*	
		For Class 55 Rating, Add	*835.34*	
		For Class 56 Rating, Add	*1,106.97*	
40 05 19 00-3169	EA	8" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,314.68	301.80
		For Class 52 Rating, Deduct	*-424.32*	
		For Class 54 Rating, Add	*584.10*	
		For Class 55 Rating, Add	*871.18*	
		For Class 56 Rating, Add	*1,154.40*	
40 05 19 00-3170	EA	8" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,479.04	304.52
		For Class 52 Rating, Deduct	*-441.94*	
		For Class 54 Rating, Add	*608.19*	
		For Class 55 Rating, Add	*907.01*	
		For Class 56 Rating, Add	*1,201.82*	
40 05 19 00-3171	EA	8" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,643.43	307.22
		For Class 52 Rating, Deduct	*-459.57*	
		For Class 54 Rating, Add	*632.27*	
		For Class 55 Rating, Add	*942.85*	
		For Class 56 Rating, Add	*1,249.24*	
40 05 19 00-3172	EA	8" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,807.80	309.95
		For Class 52 Rating, Deduct	*-477.20*	
		For Class 54 Rating, Add	*656.36*	
		For Class 55 Rating, Add	*978.69*	
		For Class 56 Rating, Add	*1,296.67*	
40 05 19 00-3173	EA	8" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,972.17	312.67
		For Class 52 Rating, Deduct	*-494.83*	
		For Class 54 Rating, Add	*680.45*	
		For Class 55 Rating, Add	*1,014.52*	
		For Class 56 Rating, Add	*1,344.09*	
40 05 19 00-3174	EA	8" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,136.56	315.40
		For Class 52 Rating, Deduct	*-512.46*	
		For Class 54 Rating, Add	*704.54*	
		For Class 55 Rating, Add	*1,050.36*	
		For Class 56 Rating, Add	*1,391.52*	
40 05 19 00-3175	EA	8" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,300.93	318.10
		For Class 52 Rating, Deduct	*-530.08*	
		For Class 54 Rating, Add	*728.63*	
		For Class 55 Rating, Add	*1,086.19*	
		For Class 56 Rating, Add	*1,438.94*	
40 05 19 00-3176	EA	8" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,465.30	320.83
		For Class 52 Rating, Deduct	*-547.71*	
		For Class 54 Rating, Add	*752.71*	
		For Class 55 Rating, Add	*1,122.03*	
		For Class 56 Rating, Add	*1,486.36*	
40 05 19 00-3177	EA	8" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,629.68	323.55
		For Class 52 Rating, Deduct	*-565.34*	
		For Class 54 Rating, Add	*776.80*	
		For Class 55 Rating, Add	*1,157.86*	
		For Class 56 Rating, Add	*1,533.79*	
40 05 19 00-3178	EA	8" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,794.06	326.26
		For Class 52 Rating, Deduct	*-582.97*	
		For Class 54 Rating, Add	*800.89*	
		For Class 55 Rating, Add	*1,193.70*	
		For Class 56 Rating, Add	*1,581.21*	
40 05 19 00-3179	EA	8" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,958.43	328.98
		For Class 52 Rating, Deduct	*-600.60*	
		For Class 54 Rating, Add	*824.98*	
		For Class 55 Rating, Add	*1,229.54*	
		For Class 56 Rating, Add	*1,628.64*	
40 05 19 00-3180	EA	8" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,122.81	331.71
		For Class 52 Rating, Deduct	*-618.23*	
		For Class 54 Rating, Add	*849.07*	
		For Class 55 Rating, Add	*1,265.37*	
		For Class 56 Rating, Add	*1,676.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3181	EA	8" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,287.19	334.43
		For Class 52 Rating, Deduct	*-635.85*	
		For Class 54 Rating, Add	*873.15*	
		For Class 55 Rating, Add	*1,301.21*	
		For Class 56 Rating, Add	*1,723.49*	
40 05 19 00-3182	EA	8" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,451.55	337.14
		For Class 52 Rating, Deduct	*-653.48*	
		For Class 54 Rating, Add	*897.24*	
		For Class 55 Rating, Add	*1,337.04*	
		For Class 56 Rating, Add	*1,770.91*	
40 05 19 00-3183	EA	8" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,615.94	339.86
		For Class 52 Rating, Deduct	*-671.11*	
		For Class 54 Rating, Add	*921.33*	
		For Class 55 Rating, Add	*1,372.88*	
		For Class 56 Rating, Add	*1,818.33*	
40 05 19 00-3184	EA	8" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,780.32	342.58
		For Class 52 Rating, Deduct	*-688.74*	
		For Class 54 Rating, Add	*945.42*	
		For Class 55 Rating, Add	*1,408.72*	
		For Class 56 Rating, Add	*1,865.76*	
40 05 19 00-3185	EA	8" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,944.69	345.29
		For Class 52 Rating, Deduct	*-706.37*	
		For Class 54 Rating, Add	*969.50*	
		For Class 55 Rating, Add	*1,444.55*	
		For Class 56 Rating, Add	*1,913.18*	
40 05 19 00-3186	EA	8" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,109.07	348.01
		For Class 52 Rating, Deduct	*-723.99*	
		For Class 54 Rating, Add	*993.59*	
		For Class 55 Rating, Add	*1,480.39*	
		For Class 56 Rating, Add	*1,960.60*	
40 05 19 00-3187	EA	8" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,273.43	350.74
		For Class 52 Rating, Deduct	*-741.62*	
		For Class 54 Rating, Add	*1,017.68*	
		For Class 55 Rating, Add	*1,516.22*	
		For Class 56 Rating, Add	*2,008.03*	
40 05 19 00-3188	EA	8" Flanged x Plain End (FxPE), 20'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,437.82	353.46
		For Class 52 Rating, Deduct	*-759.25*	
		For Class 54 Rating, Add	*1,041.77*	
		For Class 55 Rating, Add	*1,552.06*	
		For Class 56 Rating, Add	*2,055.45*	

40 05 19 00-3189 10" Flanged End x Plain End (FxPE), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-3068)*

40 05 19 00-3190	EA	10" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,504.45	304.52
		For Class 52 Rating, Deduct	*-114.74*	
		For Class 54 Rating, Add	*162.00*	
		For Class 55 Rating, Add	*243.68*	
		For Class 56 Rating, Add	*324.32*	
40 05 19 00-3191	EA	10" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,716.64	307.22
		For Class 52 Rating, Deduct	*-137.62*	
		For Class 54 Rating, Add	*193.26*	
		For Class 55 Rating, Add	*290.17*	
		For Class 56 Rating, Add	*385.84*	
40 05 19 00-3192	EA	10" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,928.80	309.95
		For Class 52 Rating, Deduct	*-160.51*	
		For Class 54 Rating, Add	*224.51*	
		For Class 55 Rating, Add	*336.67*	
		For Class 56 Rating, Add	*447.36*	
40 05 19 00-3193	EA	10" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,140.97	312.67
		For Class 52 Rating, Deduct	*-183.40*	
		For Class 54 Rating, Add	*255.77*	
		For Class 55 Rating, Add	*383.16*	
		For Class 56 Rating, Add	*508.89*	
40 05 19 00-3194	EA	10" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,353.15	315.40
		For Class 52 Rating, Deduct	*-206.28*	
		For Class 54 Rating, Add	*287.03*	
		For Class 55 Rating, Add	*429.66*	
		For Class 56 Rating, Add	*570.41*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3195	EA	10" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,565.32	318.10
		For Class 52 Rating, Deduct	*-229.17*	
		For Class 54 Rating, Add	*318.28*	
		For Class 55 Rating, Add	*476.15*	
		For Class 56 Rating, Add	*631.94*	
40 05 19 00-3196	EA	10" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,777.49	320.83
		For Class 52 Rating, Deduct	*-252.05*	
		For Class 54 Rating, Add	*349.54*	
		For Class 55 Rating, Add	*522.65*	
		For Class 56 Rating, Add	*693.46*	
40 05 19 00-3197	EA	10" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,989.66	323.55
		For Class 52 Rating, Deduct	*-274.94*	
		For Class 54 Rating, Add	*380.80*	
		For Class 55 Rating, Add	*569.14*	
		For Class 56 Rating, Add	*754.98*	
40 05 19 00-3198	EA	10" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,201.83	326.26
		For Class 52 Rating, Deduct	*-297.82*	
		For Class 54 Rating, Add	*412.06*	
		For Class 55 Rating, Add	*615.63*	
		For Class 56 Rating, Add	*816.51*	
40 05 19 00-3199	EA	10" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,414.01	328.98
		For Class 52 Rating, Deduct	*-320.71*	
		For Class 54 Rating, Add	*443.31*	
		For Class 55 Rating, Add	*662.13*	
		For Class 56 Rating, Add	*878.03*	
40 05 19 00-3200	EA	10" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,626.18	331.71
		For Class 52 Rating, Deduct	*-343.60*	
		For Class 54 Rating, Add	*474.57*	
		For Class 55 Rating, Add	*708.62*	
		For Class 56 Rating, Add	*939.55*	
40 05 19 00-3201	EA	10" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,838.35	334.43
		For Class 52 Rating, Deduct	*-366.48*	
		For Class 54 Rating, Add	*505.83*	
		For Class 55 Rating, Add	*755.12*	
		For Class 56 Rating, Add	*1,001.08*	
40 05 19 00-3202	EA	10" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,050.51	337.14
		For Class 52 Rating, Deduct	*-389.37*	
		For Class 54 Rating, Add	*537.08*	
		For Class 55 Rating, Add	*801.61*	
		For Class 56 Rating, Add	*1,062.60*	
40 05 19 00-3203	EA	10" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,262.70	339.86
		For Class 52 Rating, Deduct	*-412.25*	
		For Class 54 Rating, Add	*568.34*	
		For Class 55 Rating, Add	*848.11*	
		For Class 56 Rating, Add	*1,124.13*	
40 05 19 00-3204	EA	10" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,474.87	342.58
		For Class 52 Rating, Deduct	*-435.14*	
		For Class 54 Rating, Add	*599.60*	
		For Class 55 Rating, Add	*894.60*	
		For Class 56 Rating, Add	*1,185.65*	
40 05 19 00-3205	EA	10" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,687.04	345.29
		For Class 52 Rating, Deduct	*-458.02*	
		For Class 54 Rating, Add	*630.86*	
		For Class 55 Rating, Add	*941.10*	
		For Class 56 Rating, Add	*1,247.17*	
40 05 19 00-3206	EA	10" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,899.21	348.01
		For Class 52 Rating, Deduct	*-480.91*	
		For Class 54 Rating, Add	*662.11*	
		For Class 55 Rating, Add	*987.59*	
		For Class 56 Rating, Add	*1,308.70*	
40 05 19 00-3207	EA	10" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,111.38	350.74
		For Class 52 Rating, Deduct	*-503.80*	
		For Class 54 Rating, Add	*693.37*	
		For Class 55 Rating, Add	*1,034.09*	
		For Class 56 Rating, Add	*1,370.22*	
40 05 19 00-3208	EA	10" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,323.56	353.46
		For Class 52 Rating, Deduct	*-526.68*	
		For Class 54 Rating, Add	*724.63*	
		For Class 55 Rating, Add	*1,080.58*	
		For Class 56 Rating, Add	*1,431.75*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3209	EA	10" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,535.73	356.17
		For Class 52 Rating, Deduct	*-549.57*	
		For Class 54 Rating, Add	*755.89*	
		For Class 55 Rating, Add	*1,127.08*	
		For Class 56 Rating, Add	*1,493.27*	
40 05 19 00-3210	EA	10" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,747.89	358.89
		For Class 52 Rating, Deduct	*-572.45*	
		For Class 54 Rating, Add	*787.14*	
		For Class 55 Rating, Add	*1,173.57*	
		For Class 56 Rating, Add	*1,554.79*	
40 05 19 00-3211	EA	10" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,960.08	361.62
		For Class 52 Rating, Deduct	*-595.34*	
		For Class 54 Rating, Add	*818.40*	
		For Class 55 Rating, Add	*1,220.07*	
		For Class 56 Rating, Add	*1,616.32*	
40 05 19 00-3212	EA	10" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,172.24	364.32
		For Class 52 Rating, Deduct	*-618.23*	
		For Class 54 Rating, Add	*849.66*	
		For Class 55 Rating, Add	*1,266.56*	
		For Class 56 Rating, Add	*1,677.84*	
40 05 19 00-3213	EA	10" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,384.41	367.05
		For Class 52 Rating, Deduct	*-641.11*	
		For Class 54 Rating, Add	*880.92*	
		For Class 55 Rating, Add	*1,313.05*	
		For Class 56 Rating, Add	*1,739.36*	
40 05 19 00-3214	EA	10" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,596.59	369.77
		For Class 52 Rating, Deduct	*-664.00*	
		For Class 54 Rating, Add	*912.17*	
		For Class 55 Rating, Add	*1,359.55*	
		For Class 56 Rating, Add	*1,800.89*	
40 05 19 00-3215	EA	10" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,808.76	372.50
		For Class 52 Rating, Deduct	*-686.88*	
		For Class 54 Rating, Add	*943.43*	
		For Class 55 Rating, Add	*1,406.04*	
		For Class 56 Rating, Add	*1,862.41*	
40 05 19 00-3216	EA	10" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,020.93	375.20
		For Class 52 Rating, Deduct	*-709.77*	
		For Class 54 Rating, Add	*974.69*	
		For Class 55 Rating, Add	*1,452.54*	
		For Class 56 Rating, Add	*1,923.94*	
40 05 19 00-3217	EA	10" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,233.10	377.92
		For Class 52 Rating, Deduct	*-732.65*	
		For Class 54 Rating, Add	*1,005.94*	
		For Class 55 Rating, Add	*1,499.03*	
		For Class 56 Rating, Add	*1,985.46*	
40 05 19 00-3218	EA	10" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,445.27	380.65
		For Class 52 Rating, Deduct	*-755.54*	
		For Class 54 Rating, Add	*1,037.20*	
		For Class 55 Rating, Add	*1,545.53*	
		For Class 56 Rating, Add	*2,046.98*	
40 05 19 00-3219	EA	10" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,657.45	383.36
		For Class 52 Rating, Deduct	*-778.43*	
		For Class 54 Rating, Add	*1,068.46*	
		For Class 55 Rating, Add	*1,592.02*	
		For Class 56 Rating, Add	*2,108.51*	
40 05 19 00-3220	EA	10" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,869.62	386.08
		For Class 52 Rating, Deduct	*-801.31*	
		For Class 54 Rating, Add	*1,099.72*	
		For Class 55 Rating, Add	*1,638.52*	
		For Class 56 Rating, Add	*2,170.03*	
40 05 19 00-3221	EA	10" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,081.79	388.80
		For Class 52 Rating, Deduct	*-824.20*	
		For Class 54 Rating, Add	*1,130.97*	
		For Class 55 Rating, Add	*1,685.01*	
		For Class 56 Rating, Add	*2,231.55*	
40 05 19 00-3222	EA	10" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,293.95	391.52
		For Class 52 Rating, Deduct	*-847.08*	
		For Class 54 Rating, Add	*1,162.23*	
		For Class 55 Rating, Add	*1,731.50*	
		For Class 56 Rating, Add	*2,293.08*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3223	EA	10" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,506.14	394.23
		For Class 52 Rating, Deduct	*-869.97*	
		For Class 54 Rating, Add	*1,193.49*	
		For Class 55 Rating, Add	*1,778.00*	
		For Class 56 Rating, Add	*2,354.60*	
40 05 19 00-3224	EA	10" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,718.31	396.96
		For Class 52 Rating, Deduct	*-892.85*	
		For Class 54 Rating, Add	*1,224.75*	
		For Class 55 Rating, Add	*1,824.49*	
		For Class 56 Rating, Add	*2,416.13*	
40 05 19 00-3225	EA	10" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,930.48	399.68
		For Class 52 Rating, Deduct	*-915.74*	
		For Class 54 Rating, Add	*1,256.00*	
		For Class 55 Rating, Add	*1,870.99*	
		For Class 56 Rating, Add	*2,477.65*	
40 05 19 00-3226	EA	10" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,142.65	402.40
		For Class 52 Rating, Deduct	*-938.63*	
		For Class 54 Rating, Add	*1,287.26*	
		For Class 55 Rating, Add	*1,917.48*	
		For Class 56 Rating, Add	*2,539.17*	
40 05 19 00-3227	EA	10" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,354.82	405.11
		For Class 52 Rating, Deduct	*-961.51*	
		For Class 54 Rating, Add	*1,318.52*	
		For Class 55 Rating, Add	*1,963.98*	
		For Class 56 Rating, Add	*2,600.70*	
40 05 19 00-3228	EA	10" Flanged x Plain End (FxPE), 20'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,567.00	407.83
		For Class 52 Rating, Deduct	*-984.40*	
		For Class 54 Rating, Add	*1,349.78*	
		For Class 55 Rating, Add	*2,010.47*	
		For Class 56 Rating, Add	*2,662.22*	

40 05 19 00-3229 12" Flanged End x Plain End (FxPE), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-3068)*

40 05 19 00-3230	EA	12" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,954.37	380.65
		For Class 52 Rating, Deduct	*-151.54*	
		For Class 54 Rating, Add	*213.57*	
		For Class 55 Rating, Add	*321.06*	
		For Class 56 Rating, Add	*427.17*	
40 05 19 00-3231	EA	12" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,217.15	383.36
		For Class 52 Rating, Deduct	*-179.99*	
		For Class 54 Rating, Add	*252.42*	
		For Class 55 Rating, Add	*378.84*	
		For Class 56 Rating, Add	*503.62*	
40 05 19 00-3232	EA	12" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,479.93	386.08
		For Class 52 Rating, Deduct	*-208.45*	
		For Class 54 Rating, Add	*291.26*	
		For Class 55 Rating, Add	*436.62*	
		For Class 56 Rating, Add	*580.07*	
40 05 19 00-3233	EA	12" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,742.71	388.80
		For Class 52 Rating, Deduct	*-236.90*	
		For Class 54 Rating, Add	*330.11*	
		For Class 55 Rating, Add	*494.40*	
		For Class 56 Rating, Add	*656.53*	
40 05 19 00-3234	EA	12" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,005.48	391.52
		For Class 52 Rating, Deduct	*-265.35*	
		For Class 54 Rating, Add	*368.96*	
		For Class 55 Rating, Add	*552.18*	
		For Class 56 Rating, Add	*732.98*	
40 05 19 00-3235	EA	12" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,268.27	394.23
		For Class 52 Rating, Deduct	*-293.80*	
		For Class 54 Rating, Add	*407.81*	
		For Class 55 Rating, Add	*609.96*	
		For Class 56 Rating, Add	*809.43*	
40 05 19 00-3236	EA	12" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,531.05	396.96
		For Class 52 Rating, Deduct	*-322.26*	
		For Class 54 Rating, Add	*446.66*	
		For Class 55 Rating, Add	*667.74*	
		For Class 56 Rating, Add	*885.88*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3237	EA	12" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,793.83	399.68
		For Class 52 Rating, Deduct	*-350.71*	
		For Class 54 Rating, Add	*485.51*	
		For Class 55 Rating, Add	*725.52*	
		For Class 56 Rating, Add	*962.34*	
40 05 19 00-3238	EA	12" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,056.61	402.40
		For Class 52 Rating, Deduct	*-379.16*	
		For Class 54 Rating, Add	*524.35*	
		For Class 55 Rating, Add	*783.30*	
		For Class 56 Rating, Add	*1,038.79*	
40 05 19 00-3239	EA	12" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,319.38	405.11
		For Class 52 Rating, Deduct	*-407.61*	
		For Class 54 Rating, Add	*563.20*	
		For Class 55 Rating, Add	*841.08*	
		For Class 56 Rating, Add	*1,115.24*	
40 05 19 00-3240	EA	12" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,582.17	407.83
		For Class 52 Rating, Deduct	*-436.07*	
		For Class 54 Rating, Add	*602.05*	
		For Class 55 Rating, Add	*898.86*	
		For Class 56 Rating, Add	*1,191.70*	
40 05 19 00-3241	EA	12" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,844.95	410.55
		For Class 52 Rating, Deduct	*-464.52*	
		For Class 54 Rating, Add	*640.90*	
		For Class 55 Rating, Add	*956.64*	
		For Class 56 Rating, Add	*1,268.15*	
40 05 19 00-3242	EA	12" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,107.72	413.26
		For Class 52 Rating, Deduct	*-492.97*	
		For Class 54 Rating, Add	*679.75*	
		For Class 55 Rating, Add	*1,014.42*	
		For Class 56 Rating, Add	*1,344.60*	
40 05 19 00-3243	EA	12" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,370.51	415.99
		For Class 52 Rating, Deduct	*-521.42*	
		For Class 54 Rating, Add	*718.60*	
		For Class 55 Rating, Add	*1,072.20*	
		For Class 56 Rating, Add	*1,421.06*	
40 05 19 00-3244	EA	12" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,633.28	418.71
		For Class 52 Rating, Deduct	*-549.88*	
		For Class 54 Rating, Add	*757.44*	
		For Class 55 Rating, Add	*1,129.98*	
		For Class 56 Rating, Add	*1,497.51*	
40 05 19 00-3245	EA	12" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,896.06	421.43
		For Class 52 Rating, Deduct	*-578.33*	
		For Class 54 Rating, Add	*796.29*	
		For Class 55 Rating, Add	*1,187.76*	
		For Class 56 Rating, Add	*1,573.96*	
40 05 19 00-3246	EA	12" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,158.85	424.14
		For Class 52 Rating, Deduct	*-606.78*	
		For Class 54 Rating, Add	*835.14*	
		For Class 55 Rating, Add	*1,245.54*	
		For Class 56 Rating, Add	*1,650.41*	
40 05 19 00-3247	EA	12" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,421.62	426.87
		For Class 52 Rating, Deduct	*-635.23*	
		For Class 54 Rating, Add	*873.99*	
		For Class 55 Rating, Add	*1,303.32*	
		For Class 56 Rating, Add	*1,726.87*	
40 05 19 00-3248	EA	12" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,684.40	429.58
		For Class 52 Rating, Deduct	*-663.69*	
		For Class 54 Rating, Add	*912.84*	
		For Class 55 Rating, Add	*1,361.10*	
		For Class 56 Rating, Add	*1,803.32*	
40 05 19 00-3249	EA	12" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,947.18	432.29
		For Class 52 Rating, Deduct	*-692.14*	
		For Class 54 Rating, Add	*951.69*	
		For Class 55 Rating, Add	*1,418.88*	
		For Class 56 Rating, Add	*1,879.77*	
40 05 19 00-3250	EA	12" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,209.96	435.02
		For Class 52 Rating, Deduct	*-720.59*	
		For Class 54 Rating, Add	*990.54*	
		For Class 55 Rating, Add	*1,476.66*	
		For Class 56 Rating, Add	*1,956.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3251	EA	12" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,472.74	437.74
		For Class 52 Rating, Deduct	*-749.05*	
		For Class 54 Rating, Add	*1,029.38*	
		For Class 55 Rating, Add	*1,534.44*	
		For Class 56 Rating, Add	*2,032.68*	
40 05 19 00-3252	EA	12" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,735.52	440.46
		For Class 52 Rating, Deduct	*-777.50*	
		For Class 54 Rating, Add	*1,068.23*	
		For Class 55 Rating, Add	*1,592.22*	
		For Class 56 Rating, Add	*2,109.13*	
40 05 19 00-3253	EA	12" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,998.30	443.17
		For Class 52 Rating, Deduct	*-805.95*	
		For Class 54 Rating, Add	*1,107.08*	
		For Class 55 Rating, Add	*1,650.00*	
		For Class 56 Rating, Add	*2,185.59*	
40 05 19 00-3254	EA	12" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,261.08	445.90
		For Class 52 Rating, Deduct	*-834.40*	
		For Class 54 Rating, Add	*1,145.93*	
		For Class 55 Rating, Add	*1,707.78*	
		For Class 56 Rating, Add	*2,262.04*	
40 05 19 00-3255	EA	12" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,523.86	448.61
		For Class 52 Rating, Deduct	*-862.86*	
		For Class 54 Rating, Add	*1,184.78*	
		For Class 55 Rating, Add	*1,765.56*	
		For Class 56 Rating, Add	*2,338.49*	
40 05 19 00-3256	EA	12" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,786.64	451.34
		For Class 52 Rating, Deduct	*-891.31*	
		For Class 54 Rating, Add	*1,223.63*	
		For Class 55 Rating, Add	*1,823.34*	
		For Class 56 Rating, Add	*2,414.94*	
40 05 19 00-3257	EA	12" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,049.42	454.05
		For Class 52 Rating, Deduct	*-919.76*	
		For Class 54 Rating, Add	*1,262.47*	
		For Class 55 Rating, Add	*1,881.12*	
		For Class 56 Rating, Add	*2,491.40*	
40 05 19 00-3258	EA	12" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,312.20	456.78
		For Class 52 Rating, Deduct	*-948.21*	
		For Class 54 Rating, Add	*1,301.32*	
		For Class 55 Rating, Add	*1,938.90*	
		For Class 56 Rating, Add	*2,567.85*	
40 05 19 00-3259	EA	12" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,574.97	459.49
		For Class 52 Rating, Deduct	*-976.67*	
		For Class 54 Rating, Add	*1,340.17*	
		For Class 55 Rating, Add	*1,996.68*	
		For Class 56 Rating, Add	*2,644.30*	
40 05 19 00-3260	EA	12" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,837.76	462.20
		For Class 52 Rating, Deduct	*-1,005.12*	
		For Class 54 Rating, Add	*1,379.02*	
		For Class 55 Rating, Add	*2,054.46*	
		For Class 56 Rating, Add	*2,720.76*	
40 05 19 00-3261	EA	12" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,100.54	464.93
		For Class 52 Rating, Deduct	*-1,033.57*	
		For Class 54 Rating, Add	*1,417.87*	
		For Class 55 Rating, Add	*2,112.24*	
		For Class 56 Rating, Add	*2,797.21*	
40 05 19 00-3262	EA	12" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,363.31	467.64
		For Class 52 Rating, Deduct	*-1,062.02*	
		For Class 54 Rating, Add	*1,456.72*	
		For Class 55 Rating, Add	*2,170.02*	
		For Class 56 Rating, Add	*2,873.66*	
40 05 19 00-3263	EA	12" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,626.10	470.37
		For Class 52 Rating, Deduct	*-1,090.48*	
		For Class 54 Rating, Add	*1,495.57*	
		For Class 55 Rating, Add	*2,227.80*	
		For Class 56 Rating, Add	*2,950.12*	
40 05 19 00-3264	EA	12" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,888.87	473.08
		For Class 52 Rating, Deduct	*-1,118.93*	
		For Class 54 Rating, Add	*1,534.41*	
		For Class 55 Rating, Add	*2,285.58*	
		For Class 56 Rating, Add	*3,026.57*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3265	EA	12" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,151.65	475.81
		For Class 52 Rating, Deduct	*-1,147.38*	
		For Class 54 Rating, Add	*1,573.26*	
		For Class 55 Rating, Add	*2,343.36*	
		For Class 56 Rating, Add	*3,103.02*	
40 05 19 00-3266	EA	12" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,414.44	478.52
		For Class 52 Rating, Deduct	*-1,175.83*	
		For Class 54 Rating, Add	*1,612.11*	
		For Class 55 Rating, Add	*2,401.14*	
		For Class 56 Rating, Add	*3,179.47*	
40 05 19 00-3267	EA	12" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,677.21	481.24
		For Class 52 Rating, Deduct	*-1,204.29*	
		For Class 54 Rating, Add	*1,650.96*	
		For Class 55 Rating, Add	*2,458.92*	
		For Class 56 Rating, Add	*3,255.93*	
40 05 19 00-3268	EA	12" Flanged x Plain End (FxPE), 20'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,939.99	483.96
		For Class 52 Rating, Deduct	*-1,232.74*	
		For Class 54 Rating, Add	*1,689.81*	
		For Class 55 Rating, Add	*2,516.70*	
		For Class 56 Rating, Add	*3,332.38*	

40 05 19 00-3269 14" Flanged End x Plain End (FxPE), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-3068)*

40 05 19 00-3270	EA	14" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,634.84	456.78
		For Class 52 Rating, Deduct	*-213.70*	
		For Class 54 Rating, Add	*299.72*	
		For Class 55 Rating, Add	*449.85*	
		For Class 56 Rating, Add	*598.03*	
40 05 19 00-3271	EA	14" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,953.84	459.49
		For Class 52 Rating, Deduct	*-248.34*	
		For Class 54 Rating, Add	*347.00*	
		For Class 55 Rating, Add	*520.16*	
		For Class 56 Rating, Add	*691.07*	
40 05 19 00-3272	EA	14" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,272.86	462.20
		For Class 52 Rating, Deduct	*-282.98*	
		For Class 54 Rating, Add	*394.28*	
		For Class 55 Rating, Add	*590.48*	
		For Class 56 Rating, Add	*784.11*	
40 05 19 00-3273	EA	14" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,591.87	464.93
		For Class 52 Rating, Deduct	*-317.62*	
		For Class 54 Rating, Add	*441.57*	
		For Class 55 Rating, Add	*660.80*	
		For Class 56 Rating, Add	*877.15*	
40 05 19 00-3274	EA	14" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,910.87	467.64
		For Class 52 Rating, Deduct	*-352.26*	
		For Class 54 Rating, Add	*488.85*	
		For Class 55 Rating, Add	*731.12*	
		For Class 56 Rating, Add	*970.19*	
40 05 19 00-3275	EA	14" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,229.89	470.37
		For Class 52 Rating, Deduct	*-386.89*	
		For Class 54 Rating, Add	*536.13*	
		For Class 55 Rating, Add	*801.44*	
		For Class 56 Rating, Add	*1,063.23*	
40 05 19 00-3276	EA	14" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,548.89	473.08
		For Class 52 Rating, Deduct	*-421.53*	
		For Class 54 Rating, Add	*583.42*	
		For Class 55 Rating, Add	*871.76*	
		For Class 56 Rating, Add	*1,156.27*	
40 05 19 00-3277	EA	14" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,867.90	475.81
		For Class 52 Rating, Deduct	*-456.17*	
		For Class 54 Rating, Add	*630.70*	
		For Class 55 Rating, Add	*942.08*	
		For Class 56 Rating, Add	*1,249.31*	
40 05 19 00-3278	EA	14" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,186.92	478.52
		For Class 52 Rating, Deduct	*-490.81*	
		For Class 54 Rating, Add	*677.98*	
		For Class 55 Rating, Add	*1,012.40*	
		For Class 56 Rating, Add	*1,342.36*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3279	EA	14" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,505.92	481.24
		For Class 52 Rating, Deduct	*-525.44*	
		For Class 54 Rating, Add	*725.27*	
		For Class 55 Rating, Add	*1,082.72*	
		For Class 56 Rating, Add	*1,435.40*	
40 05 19 00-3280	EA	14" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,824.93	483.96
		For Class 52 Rating, Deduct	*-560.08*	
		For Class 54 Rating, Add	*772.55*	
		For Class 55 Rating, Add	*1,153.04*	
		For Class 56 Rating, Add	*1,528.44*	
40 05 19 00-3281	EA	14" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,143.94	486.68
		For Class 52 Rating, Deduct	*-594.72*	
		For Class 54 Rating, Add	*819.83*	
		For Class 55 Rating, Add	*1,223.36*	
		For Class 56 Rating, Add	*1,621.48*	
40 05 19 00-3282	EA	14" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,462.95	489.40
		For Class 52 Rating, Deduct	*-629.36*	
		For Class 54 Rating, Add	*867.11*	
		For Class 55 Rating, Add	*1,293.68*	
		For Class 56 Rating, Add	*1,714.52*	
40 05 19 00-3283	EA	14" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,781.96	492.12
		For Class 52 Rating, Deduct	*-664.00*	
		For Class 54 Rating, Add	*914.40*	
		For Class 55 Rating, Add	*1,364.00*	
		For Class 56 Rating, Add	*1,807.56*	
40 05 19 00-3284	EA	14" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,100.97	494.83
		For Class 52 Rating, Deduct	*-698.63*	
		For Class 54 Rating, Add	*961.68*	
		For Class 55 Rating, Add	*1,434.32*	
		For Class 56 Rating, Add	*1,900.60*	
40 05 19 00-3285	EA	14" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,419.98	497.55
		For Class 52 Rating, Deduct	*-733.27*	
		For Class 54 Rating, Add	*1,008.96*	
		For Class 55 Rating, Add	*1,504.64*	
		For Class 56 Rating, Add	*1,993.64*	
40 05 19 00-3286	EA	14" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,738.99	500.27
		For Class 52 Rating, Deduct	*-767.91*	
		For Class 54 Rating, Add	*1,056.25*	
		For Class 55 Rating, Add	*1,574.95*	
		For Class 56 Rating, Add	*2,086.68*	
40 05 19 00-3287	EA	14" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,058.00	502.99
		For Class 52 Rating, Deduct	*-802.55*	
		For Class 54 Rating, Add	*1,103.53*	
		For Class 55 Rating, Add	*1,645.27*	
		For Class 56 Rating, Add	*2,179.72*	
40 05 19 00-3288	EA	14" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,377.01	505.71
		For Class 52 Rating, Deduct	*-837.19*	
		For Class 54 Rating, Add	*1,150.81*	
		For Class 55 Rating, Add	*1,715.59*	
		For Class 56 Rating, Add	*2,272.76*	
40 05 19 00-3289	EA	14" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,696.02	508.43
		For Class 52 Rating, Deduct	*-871.82*	
		For Class 54 Rating, Add	*1,198.09*	
		For Class 55 Rating, Add	*1,785.91*	
		For Class 56 Rating, Add	*2,365.81*	
40 05 19 00-3290	EA	14" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,015.04	511.15
		For Class 52 Rating, Deduct	*-906.46*	
		For Class 54 Rating, Add	*1,245.38*	
		For Class 55 Rating, Add	*1,856.23*	
		For Class 56 Rating, Add	*2,458.85*	
40 05 19 00-3291	EA	14" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,334.04	513.86
		For Class 52 Rating, Deduct	*-941.10*	
		For Class 54 Rating, Add	*1,292.66*	
		For Class 55 Rating, Add	*1,926.55*	
		For Class 56 Rating, Add	*2,551.89*	
40 05 19 00-3292	EA	14" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,653.06	516.59
		For Class 52 Rating, Deduct	*-975.74*	
		For Class 54 Rating, Add	*1,339.95*	
		For Class 55 Rating, Add	*1,996.87*	
		For Class 56 Rating, Add	*2,644.93*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3293	EA	14" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,972.07	519.31
		For Class 52 Rating, Deduct	*-1,010.38*	
		For Class 54 Rating, Add	*1,387.23*	
		For Class 55 Rating, Add	*2,067.19*	
		For Class 56 Rating, Add	*2,737.97*	
40 05 19 00-3294	EA	14" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,291.07	522.03
		For Class 52 Rating, Deduct	*-1,045.01*	
		For Class 54 Rating, Add	*1,434.51*	
		For Class 55 Rating, Add	*2,137.51*	
		For Class 56 Rating, Add	*2,831.01*	
40 05 19 00-3295	EA	14" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,610.09	524.74
		For Class 52 Rating, Deduct	*-1,079.65*	
		For Class 54 Rating, Add	*1,481.79*	
		For Class 55 Rating, Add	*2,207.83*	
		For Class 56 Rating, Add	*2,924.05*	
40 05 19 00-3296	EA	14" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,929.09	527.47
		For Class 52 Rating, Deduct	*-1,114.29*	
		For Class 54 Rating, Add	*1,529.08*	
		For Class 55 Rating, Add	*2,278.15*	
		For Class 56 Rating, Add	*3,017.09*	
40 05 19 00-3297	EA	14" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,248.10	530.18
		For Class 52 Rating, Deduct	*-1,148.93*	
		For Class 54 Rating, Add	*1,576.36*	
		For Class 55 Rating, Add	*2,348.47*	
		For Class 56 Rating, Add	*3,110.13*	
40 05 19 00-3298	EA	14" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,567.12	532.89
		For Class 52 Rating, Deduct	*-1,183.57*	
		For Class 54 Rating, Add	*1,623.64*	
		For Class 55 Rating, Add	*2,418.79*	
		For Class 56 Rating, Add	*3,203.18*	
40 05 19 00-3299	EA	14" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,886.12	535.62
		For Class 52 Rating, Deduct	*-1,218.20*	
		For Class 54 Rating, Add	*1,670.93*	
		For Class 55 Rating, Add	*2,489.11*	
		For Class 56 Rating, Add	*3,296.22*	
40 05 19 00-3300	EA	14" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,205.13	538.34
		For Class 52 Rating, Deduct	*-1,252.84*	
		For Class 54 Rating, Add	*1,718.21*	
		For Class 55 Rating, Add	*2,559.43*	
		For Class 56 Rating, Add	*3,389.26*	
40 05 19 00-3301	EA	14" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,524.14	541.06
		For Class 52 Rating, Deduct	*-1,287.48*	
		For Class 54 Rating, Add	*1,765.49*	
		For Class 55 Rating, Add	*2,629.75*	
		For Class 56 Rating, Add	*3,482.30*	
40 05 19 00-3302	EA	14" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,843.15	543.77
		For Class 52 Rating, Deduct	*-1,322.12*	
		For Class 54 Rating, Add	*1,812.77*	
		For Class 55 Rating, Add	*2,700.07*	
		For Class 56 Rating, Add	*3,575.34*	
40 05 19 00-3303	EA	14" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,162.16	546.50
		For Class 52 Rating, Deduct	*-1,356.76*	
		For Class 54 Rating, Add	*1,860.06*	
		For Class 55 Rating, Add	*2,770.39*	
		For Class 56 Rating, Add	*3,668.38*	
40 05 19 00-3304	EA	14" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,481.17	549.21
		For Class 52 Rating, Deduct	*-1,391.39*	
		For Class 54 Rating, Add	*1,907.34*	
		For Class 55 Rating, Add	*2,840.71*	
		For Class 56 Rating, Add	*3,761.42*	
40 05 19 00-3305	EA	14" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,800.18	551.93
		For Class 52 Rating, Deduct	*-1,426.03*	
		For Class 54 Rating, Add	*1,954.62*	
		For Class 55 Rating, Add	*2,911.02*	
		For Class 56 Rating, Add	*3,854.46*	
40 05 19 00-3306	EA	14" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,119.19	554.65
		For Class 52 Rating, Deduct	*-1,460.67*	
		For Class 54 Rating, Add	*2,001.91*	
		For Class 55 Rating, Add	*2,981.34*	
		For Class 56 Rating, Add	*3,947.50*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3307	EA	14" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,438.20	557.38
		For Class 52 Rating, Deduct	*-1,495.31*	
		For Class 54 Rating, Add	*2,049.19*	
		For Class 55 Rating, Add	*3,051.66*	
		For Class 56 Rating, Add	*4,040.54*	
40 05 19 00-3308		**16" Flanged End x Plain End (FxPE), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe** *(40 05 19 00-3068)*		
40 05 19 00-3309	EA	16" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,082.33	522.03
		For Class 52 Rating, Deduct	*-252.05*	
		For Class 54 Rating, Add	*353.20*	
		For Class 55 Rating, Add	*529.96*	
		For Class 56 Rating, Add	*704.43*	
40 05 19 00-3310	EA	16" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,451.96	524.74
		For Class 52 Rating, Deduct	*-292.26*	
		For Class 54 Rating, Add	*408.07*	
		For Class 55 Rating, Add	*611.57*	
		For Class 56 Rating, Add	*812.41*	
40 05 19 00-3311	EA	16" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,821.56	527.47
		For Class 52 Rating, Deduct	*-332.46*	
		For Class 54 Rating, Add	*462.95*	
		For Class 55 Rating, Add	*693.17*	
		For Class 56 Rating, Add	*920.37*	
40 05 19 00-3312	EA	16" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,191.18	530.18
		For Class 52 Rating, Deduct	*-372.67*	
		For Class 54 Rating, Add	*517.82*	
		For Class 55 Rating, Add	*774.78*	
		For Class 56 Rating, Add	*1,028.34*	
40 05 19 00-3313	EA	16" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,560.81	532.89
		For Class 52 Rating, Deduct	*-412.87*	
		For Class 54 Rating, Add	*572.70*	
		For Class 55 Rating, Add	*856.38*	
		For Class 56 Rating, Add	*1,136.31*	
40 05 19 00-3314	EA	16" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,930.42	535.62
		For Class 52 Rating, Deduct	*-453.08*	
		For Class 54 Rating, Add	*627.57*	
		For Class 55 Rating, Add	*937.99*	
		For Class 56 Rating, Add	*1,244.29*	
40 05 19 00-3315	EA	16" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,300.03	538.34
		For Class 52 Rating, Deduct	*-493.28*	
		For Class 54 Rating, Add	*682.44*	
		For Class 55 Rating, Add	*1,019.59*	
		For Class 56 Rating, Add	*1,352.25*	
40 05 19 00-3316	EA	16" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,669.65	541.06
		For Class 52 Rating, Deduct	*-533.49*	
		For Class 54 Rating, Add	*737.32*	
		For Class 55 Rating, Add	*1,101.20*	
		For Class 56 Rating, Add	*1,460.22*	
40 05 19 00-3317	EA	16" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,039.27	543.77
		For Class 52 Rating, Deduct	*-573.69*	
		For Class 54 Rating, Add	*792.19*	
		For Class 55 Rating, Add	*1,182.80*	
		For Class 56 Rating, Add	*1,568.19*	
40 05 19 00-3318	EA	16" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,408.89	546.50
		For Class 52 Rating, Deduct	*-613.90*	
		For Class 54 Rating, Add	*847.07*	
		For Class 55 Rating, Add	*1,264.41*	
		For Class 56 Rating, Add	*1,676.17*	
40 05 19 00-3319	EA	16" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,778.50	549.21
		For Class 52 Rating, Deduct	*-654.10*	
		For Class 54 Rating, Add	*901.94*	
		For Class 55 Rating, Add	*1,346.01*	
		For Class 56 Rating, Add	*1,784.13*	
40 05 19 00-3320	EA	16" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,148.12	551.93
		For Class 52 Rating, Deduct	*-694.30*	
		For Class 54 Rating, Add	*956.81*	
		For Class 55 Rating, Add	*1,427.62*	
		For Class 56 Rating, Add	*1,892.10*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3321	EA	16" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,517.74	554.65
		For Class 52 Rating, Deduct	*-734.51*	
		For Class 54 Rating, Add	*1,011.69*	
		For Class 55 Rating, Add	*1,509.22*	
		For Class 56 Rating, Add	*2,000.07*	
40 05 19 00-3322	EA	16" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,887.36	557.38
		For Class 52 Rating, Deduct	*-774.71*	
		For Class 54 Rating, Add	*1,066.56*	
		For Class 55 Rating, Add	*1,590.83*	
		For Class 56 Rating, Add	*2,108.05*	
40 05 19 00-3323	EA	16" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,256.98	560.09
		For Class 52 Rating, Deduct	*-814.92*	
		For Class 54 Rating, Add	*1,121.44*	
		For Class 55 Rating, Add	*1,672.43*	
		For Class 56 Rating, Add	*2,216.02*	
40 05 19 00-3324	EA	16" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,626.59	562.80
		For Class 52 Rating, Deduct	*-855.12*	
		For Class 54 Rating, Add	*1,176.31*	
		For Class 55 Rating, Add	*1,754.03*	
		For Class 56 Rating, Add	*2,323.98*	
40 05 19 00-3325	EA	16" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,996.21	565.53
		For Class 52 Rating, Deduct	*-895.33*	
		For Class 54 Rating, Add	*1,231.18*	
		For Class 55 Rating, Add	*1,835.64*	
		For Class 56 Rating, Add	*2,431.96*	
40 05 19 00-3326	EA	16" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,365.82	568.24
		For Class 52 Rating, Deduct	*-935.53*	
		For Class 54 Rating, Add	*1,286.06*	
		For Class 55 Rating, Add	*1,917.24*	
		For Class 56 Rating, Add	*2,539.93*	
40 05 19 00-3327	EA	16" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,735.45	570.96
		For Class 52 Rating, Deduct	*-975.74*	
		For Class 54 Rating, Add	*1,340.93*	
		For Class 55 Rating, Add	*1,998.85*	
		For Class 56 Rating, Add	*2,647.90*	
40 05 19 00-3328	EA	16" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,105.06	573.68
		For Class 52 Rating, Deduct	*-1,015.94*	
		For Class 54 Rating, Add	*1,395.81*	
		For Class 55 Rating, Add	*2,080.45*	
		For Class 56 Rating, Add	*2,755.86*	
40 05 19 00-3329	EA	16" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,474.67	576.41
		For Class 52 Rating, Deduct	*-1,056.15*	
		For Class 54 Rating, Add	*1,450.68*	
		For Class 55 Rating, Add	*2,162.06*	
		For Class 56 Rating, Add	*2,863.84*	
40 05 19 00-3330	EA	16" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,844.30	579.12
		For Class 52 Rating, Deduct	*-1,096.35*	
		For Class 54 Rating, Add	*1,505.56*	
		For Class 55 Rating, Add	*2,243.66*	
		For Class 56 Rating, Add	*2,971.81*	
40 05 19 00-3331	EA	16" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,213.91	581.84
		For Class 52 Rating, Deduct	*-1,136.56*	
		For Class 54 Rating, Add	*1,560.43*	
		For Class 55 Rating, Add	*2,325.27*	
		For Class 56 Rating, Add	*3,079.78*	
40 05 19 00-3332	EA	16" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,583.52	584.56
		For Class 52 Rating, Deduct	*-1,176.76*	
		For Class 54 Rating, Add	*1,615.30*	
		For Class 55 Rating, Add	*2,406.87*	
		For Class 56 Rating, Add	*3,187.74*	
40 05 19 00-3333	EA	16" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,953.15	587.29
		For Class 52 Rating, Deduct	*-1,216.97*	
		For Class 54 Rating, Add	*1,670.18*	
		For Class 55 Rating, Add	*2,488.48*	
		For Class 56 Rating, Add	*3,295.72*	
40 05 19 00-3334	EA	16" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,322.76	589.99
		For Class 52 Rating, Deduct	*-1,257.17*	
		For Class 54 Rating, Add	*1,725.05*	
		For Class 55 Rating, Add	*2,570.08*	
		For Class 56 Rating, Add	*3,403.69*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3335	EA	16" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,692.38	592.71
		For Class 52 Rating, Deduct	*-1,297.38*	
		For Class 54 Rating, Add	*1,779.93*	
		For Class 55 Rating, Add	*2,651.69*	
		For Class 56 Rating, Add	*3,511.66*	
40 05 19 00-3336	EA	16" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,061.99	595.44
		For Class 52 Rating, Deduct	*-1,337.58*	
		For Class 54 Rating, Add	*1,834.80*	
		For Class 55 Rating, Add	*2,733.29*	
		For Class 56 Rating, Add	*3,619.63*	
40 05 19 00-3337	EA	16" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,431.61	598.14
		For Class 52 Rating, Deduct	*-1,377.79*	
		For Class 54 Rating, Add	*1,889.67*	
		For Class 55 Rating, Add	*2,814.90*	
		For Class 56 Rating, Add	*3,727.60*	
40 05 19 00-3338	EA	16" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,801.24	600.87
		For Class 52 Rating, Deduct	*-1,417.99*	
		For Class 54 Rating, Add	*1,944.55*	
		For Class 55 Rating, Add	*2,896.50*	
		For Class 56 Rating, Add	*3,835.57*	
40 05 19 00-3339	EA	16" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,170.85	603.59
		For Class 52 Rating, Deduct	*-1,458.20*	
		For Class 54 Rating, Add	*1,999.42*	
		For Class 55 Rating, Add	*2,978.11*	
		For Class 56 Rating, Add	*3,943.54*	
40 05 19 00-3340	EA	16" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,540.46	606.32
		For Class 52 Rating, Deduct	*-1,498.40*	
		For Class 54 Rating, Add	*2,054.30*	
		For Class 55 Rating, Add	*3,059.71*	
		For Class 56 Rating, Add	*4,051.51*	
40 05 19 00-3341	EA	16" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,910.08	609.02
		For Class 52 Rating, Deduct	*-1,538.60*	
		For Class 54 Rating, Add	*2,109.17*	
		For Class 55 Rating, Add	*3,141.32*	
		For Class 56 Rating, Add	*4,159.48*	
40 05 19 00-3342	EA	16" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,279.70	611.75
		For Class 52 Rating, Deduct	*-1,578.81*	
		For Class 54 Rating, Add	*2,164.04*	
		For Class 55 Rating, Add	*3,222.92*	
		For Class 56 Rating, Add	*4,267.45*	
40 05 19 00-3343	EA	16" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,649.32	614.47
		For Class 52 Rating, Deduct	*-1,619.01*	
		For Class 54 Rating, Add	*2,218.92*	
		For Class 55 Rating, Add	*3,304.53*	
		For Class 56 Rating, Add	*4,375.42*	
40 05 19 00-3344	EA	16" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,018.93	617.17
		For Class 52 Rating, Deduct	*-1,659.22*	
		For Class 54 Rating, Add	*2,273.79*	
		For Class 55 Rating, Add	*3,386.13*	
		For Class 56 Rating, Add	*4,483.39*	
40 05 19 00-3345	EA	16" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,388.55	619.90
		For Class 52 Rating, Deduct	*-1,699.42*	
		For Class 54 Rating, Add	*2,328.67*	
		For Class 55 Rating, Add	*3,467.74*	
		For Class 56 Rating, Add	*4,591.36*	
40 05 19 00-3346	EA	16" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,758.16	622.62
		For Class 52 Rating, Deduct	*-1,739.63*	
		For Class 54 Rating, Add	*2,383.54*	
		For Class 55 Rating, Add	*3,549.34*	
		For Class 56 Rating, Add	*4,699.33*	

40 05 19 00-3347 18" Flanged End x Plain End (FxPE), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-3068)*

40 05 19 00-3348	EA	18" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,576.46	588.37
		For Class 52 Rating, Deduct	*-295.35*	
		For Class 54 Rating, Add	*413.45*	
		For Class 55 Rating, Add	*620.15*	
		For Class 56 Rating, Add	*824.17*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3349	EA	18" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,002.31	591.09
		For Class 52 Rating, Deduct	*-341.74*	
		For Class 54 Rating, Add	*476.76*	
		For Class 55 Rating, Add	*714.29*	
		For Class 56 Rating, Add	*948.73*	
40 05 19 00-3350	EA	18" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,428.16	593.80
		For Class 52 Rating, Deduct	*-388.13*	
		For Class 54 Rating, Add	*540.07*	
		For Class 55 Rating, Add	*808.44*	
		For Class 56 Rating, Add	*1,073.28*	
40 05 19 00-3351	EA	18" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,854.01	596.52
		For Class 52 Rating, Deduct	*-434.52*	
		For Class 54 Rating, Add	*603.37*	
		For Class 55 Rating, Add	*902.58*	
		For Class 56 Rating, Add	*1,197.84*	
40 05 19 00-3352	EA	18" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,279.86	599.24
		For Class 52 Rating, Deduct	*-480.91*	
		For Class 54 Rating, Add	*666.68*	
		For Class 55 Rating, Add	*996.73*	
		For Class 56 Rating, Add	*1,322.40*	
40 05 19 00-3353	EA	18" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,705.70	601.96
		For Class 52 Rating, Deduct	*-527.30*	
		For Class 54 Rating, Add	*729.99*	
		For Class 55 Rating, Add	*1,090.87*	
		For Class 56 Rating, Add	*1,446.96*	
40 05 19 00-3354	EA	18" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,131.55	604.67
		For Class 52 Rating, Deduct	*-573.69*	
		For Class 54 Rating, Add	*793.30*	
		For Class 55 Rating, Add	*1,185.02*	
		For Class 56 Rating, Add	*1,571.52*	
40 05 19 00-3355	EA	18" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,557.40	607.40
		For Class 52 Rating, Deduct	*-620.08*	
		For Class 54 Rating, Add	*856.61*	
		For Class 55 Rating, Add	*1,279.16*	
		For Class 56 Rating, Add	*1,696.08*	
40 05 19 00-3356	EA	18" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,983.25	610.12
		For Class 52 Rating, Deduct	*-666.47*	
		For Class 54 Rating, Add	*919.92*	
		For Class 55 Rating, Add	*1,373.31*	
		For Class 56 Rating, Add	*1,820.63*	
40 05 19 00-3357	EA	18" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,409.09	612.84
		For Class 52 Rating, Deduct	*-712.86*	
		For Class 54 Rating, Add	*983.22*	
		For Class 55 Rating, Add	*1,467.45*	
		For Class 56 Rating, Add	*1,945.19*	
40 05 19 00-3358	EA	18" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,834.94	615.55
		For Class 52 Rating, Deduct	*-759.25*	
		For Class 54 Rating, Add	*1,046.53*	
		For Class 55 Rating, Add	*1,561.59*	
		For Class 56 Rating, Add	*2,069.75*	
40 05 19 00-3359	EA	18" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,260.79	618.28
		For Class 52 Rating, Deduct	*-805.64*	
		For Class 54 Rating, Add	*1,109.84*	
		For Class 55 Rating, Add	*1,655.74*	
		For Class 56 Rating, Add	*2,194.31*	
40 05 19 00-3360	EA	18" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,686.63	620.99
		For Class 52 Rating, Deduct	*-852.03*	
		For Class 54 Rating, Add	*1,173.15*	
		For Class 55 Rating, Add	*1,749.88*	
		For Class 56 Rating, Add	*2,318.87*	
40 05 19 00-3361	EA	18" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,112.49	623.70
		For Class 52 Rating, Deduct	*-898.42*	
		For Class 54 Rating, Add	*1,236.46*	
		For Class 55 Rating, Add	*1,844.03*	
		For Class 56 Rating, Add	*2,443.42*	
40 05 19 00-3362	EA	18" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,538.33	626.43
		For Class 52 Rating, Deduct	*-944.81*	
		For Class 54 Rating, Add	*1,299.77*	
		For Class 55 Rating, Add	*1,938.17*	
		For Class 56 Rating, Add	*2,567.98*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3363	EA	18" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,964.17	629.15
		For Class 52 Rating, Deduct	*-991.20*	
		For Class 54 Rating, Add	*1,363.08*	
		For Class 55 Rating, Add	*2,032.31*	
		For Class 56 Rating, Add	*2,692.54*	
40 05 19 00-3364	EA	18" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,390.03	631.87
		For Class 52 Rating, Deduct	*-1,037.59*	
		For Class 54 Rating, Add	*1,426.39*	
		For Class 55 Rating, Add	*2,126.46*	
		For Class 56 Rating, Add	*2,817.10*	
40 05 19 00-3365	EA	18" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,815.87	634.58
		For Class 52 Rating, Deduct	*-1,083.98*	
		For Class 54 Rating, Add	*1,489.69*	
		For Class 55 Rating, Add	*2,220.60*	
		For Class 56 Rating, Add	*2,941.66*	
40 05 19 00-3366	EA	18" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,241.72	637.31
		For Class 52 Rating, Deduct	*-1,130.37*	
		For Class 54 Rating, Add	*1,553.00*	
		For Class 55 Rating, Add	*2,314.75*	
		For Class 56 Rating, Add	*3,066.21*	
40 05 19 00-3367	EA	18" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,667.57	640.02
		For Class 52 Rating, Deduct	*-1,176.76*	
		For Class 54 Rating, Add	*1,616.31*	
		For Class 55 Rating, Add	*2,408.89*	
		For Class 56 Rating, Add	*3,190.77*	
40 05 19 00-3368	EA	18" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,093.41	642.74
		For Class 52 Rating, Deduct	*-1,223.15*	
		For Class 54 Rating, Add	*1,679.62*	
		For Class 55 Rating, Add	*2,503.03*	
		For Class 56 Rating, Add	*3,315.33*	
40 05 19 00-3369	EA	18" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,519.26	645.46
		For Class 52 Rating, Deduct	*-1,269.54*	
		For Class 54 Rating, Add	*1,742.93*	
		For Class 55 Rating, Add	*2,597.18*	
		For Class 56 Rating, Add	*3,439.89*	
40 05 19 00-3370	EA	18" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,945.11	648.19
		For Class 52 Rating, Deduct	*-1,315.93*	
		For Class 54 Rating, Add	*1,806.24*	
		For Class 55 Rating, Add	*2,691.32*	
		For Class 56 Rating, Add	*3,564.45*	
40 05 19 00-3371	EA	18" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,370.96	650.89
		For Class 52 Rating, Deduct	*-1,362.32*	
		For Class 54 Rating, Add	*1,869.55*	
		For Class 55 Rating, Add	*2,785.47*	
		For Class 56 Rating, Add	*3,689.00*	
40 05 19 00-3372	EA	18" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,796.81	653.61
		For Class 52 Rating, Deduct	*-1,408.71*	
		For Class 54 Rating, Add	*1,932.85*	
		For Class 55 Rating, Add	*2,879.61*	
		For Class 56 Rating, Add	*3,813.56*	
40 05 19 00-3373	EA	18" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,222.65	656.34
		For Class 52 Rating, Deduct	*-1,455.10*	
		For Class 54 Rating, Add	*1,996.16*	
		For Class 55 Rating, Add	*2,973.76*	
		For Class 56 Rating, Add	*3,938.12*	
40 05 19 00-3374	EA	18" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,648.50	659.06
		For Class 52 Rating, Deduct	*-1,501.49*	
		For Class 54 Rating, Add	*2,059.47*	
		For Class 55 Rating, Add	*3,067.90*	
		For Class 56 Rating, Add	*4,062.68*	
40 05 19 00-3375	EA	18" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,074.35	661.77
		For Class 52 Rating, Deduct	*-1,547.88*	
		For Class 54 Rating, Add	*2,122.78*	
		For Class 55 Rating, Add	*3,162.04*	
		For Class 56 Rating, Add	*4,187.24*	
40 05 19 00-3376	EA	18" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,500.20	664.49
		For Class 52 Rating, Deduct	*-1,594.27*	
		For Class 54 Rating, Add	*2,186.09*	
		For Class 55 Rating, Add	*3,256.19*	
		For Class 56 Rating, Add	*4,311.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3377	EA	18" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,926.04	667.22
		For Class 52 Rating, Deduct	*-1,640.66*	
		For Class 54 Rating, Add	*2,249.40*	
		For Class 55 Rating, Add	*3,350.33*	
		For Class 56 Rating, Add	*4,436.35*	
40 05 19 00-3378	EA	18" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,351.89	669.92
		For Class 52 Rating, Deduct	*-1,687.05*	
		For Class 54 Rating, Add	*2,312.71*	
		For Class 55 Rating, Add	*3,444.48*	
		For Class 56 Rating, Add	*4,560.91*	
40 05 19 00-3379	EA	18" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,777.74	672.65
		For Class 52 Rating, Deduct	*-1,733.44*	
		For Class 54 Rating, Add	*2,376.02*	
		For Class 55 Rating, Add	*3,538.62*	
		For Class 56 Rating, Add	*4,685.47*	
40 05 19 00-3380	EA	18" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,203.58	675.37
		For Class 52 Rating, Deduct	*-1,779.83*	
		For Class 54 Rating, Add	*2,439.32*	
		For Class 55 Rating, Add	*3,632.77*	
		For Class 56 Rating, Add	*4,810.03*	
40 05 19 00-3381	EA	18" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,629.44	678.10
		For Class 52 Rating, Deduct	*-1,826.22*	
		For Class 54 Rating, Add	*2,502.63*	
		For Class 55 Rating, Add	*3,726.91*	
		For Class 56 Rating, Add	*4,934.59*	
40 05 19 00-3382	EA	18" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	18,055.28	680.80
		For Class 52 Rating, Deduct	*-1,872.61*	
		For Class 54 Rating, Add	*2,565.94*	
		For Class 55 Rating, Add	*3,821.05*	
		For Class 56 Rating, Add	*5,059.14*	
40 05 19 00-3383	EA	18" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	18,481.12	683.52
		For Class 52 Rating, Deduct	*-1,919.00*	
		For Class 54 Rating, Add	*2,629.25*	
		For Class 55 Rating, Add	*3,915.20*	
		For Class 56 Rating, Add	*5,183.70*	
40 05 19 00-3384	EA	18" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	18,906.98	686.25
		For Class 52 Rating, Deduct	*-1,965.39*	
		For Class 54 Rating, Add	*2,692.56*	
		For Class 55 Rating, Add	*4,009.34*	
		For Class 56 Rating, Add	*5,308.26*	
40 05 19 00-3385	EA	18" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	19,332.82	688.95
		For Class 52 Rating, Deduct	*-2,011.78*	
		For Class 54 Rating, Add	*2,755.87*	
		For Class 55 Rating, Add	*4,103.49*	
		For Class 56 Rating, Add	*5,432.82*	

40 05 19 00-3386 20" Flanged End x Plain End (FxPE), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-3068)*

40 05 19 00-3387	EA	20" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,166.42	671.57
		For Class 52 Rating, Deduct	*-346.38*	
		For Class 54 Rating, Add	*484.55*	
		For Class 55 Rating, Add	*726.63*	
		For Class 56 Rating, Add	*965.56*	
40 05 19 00-3388	EA	20" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,651.31	674.28
		For Class 52 Rating, Deduct	*-399.26*	
		For Class 54 Rating, Add	*556.71*	
		For Class 55 Rating, Add	*833.94*	
		For Class 56 Rating, Add	*1,107.53*	
40 05 19 00-3389	EA	20" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,136.19	677.00
		For Class 52 Rating, Deduct	*-452.15*	
		For Class 54 Rating, Add	*628.88*	
		For Class 55 Rating, Add	*941.25*	
		For Class 56 Rating, Add	*1,249.51*	
40 05 19 00-3390	EA	20" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,621.09	679.72
		For Class 52 Rating, Deduct	*-505.03*	
		For Class 54 Rating, Add	*701.04*	
		For Class 55 Rating, Add	*1,048.56*	
		For Class 56 Rating, Add	*1,391.48*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3391	EA	20" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,105.98	682.45
		For Class 52 Rating, Deduct	*-557.92*	
		For Class 54 Rating, Add	*773.21*	
		For Class 55 Rating, Add	*1,155.87*	
		For Class 56 Rating, Add	*1,533.46*	
40 05 19 00-3392	EA	20" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,590.86	685.15
		For Class 52 Rating, Deduct	*-610.80*	
		For Class 54 Rating, Add	*845.37*	
		For Class 55 Rating, Add	*1,263.18*	
		For Class 56 Rating, Add	*1,675.43*	
40 05 19 00-3393	EA	20" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,075.76	687.87
		For Class 52 Rating, Deduct	*-663.69*	
		For Class 54 Rating, Add	*917.53*	
		For Class 55 Rating, Add	*1,370.49*	
		For Class 56 Rating, Add	*1,817.41*	
40 05 19 00-3394	EA	20" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,560.64	690.60
		For Class 52 Rating, Deduct	*-716.57*	
		For Class 54 Rating, Add	*989.70*	
		For Class 55 Rating, Add	*1,477.80*	
		For Class 56 Rating, Add	*1,959.38*	
40 05 19 00-3395	EA	20" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,045.53	693.31
		For Class 52 Rating, Deduct	*-769.46*	
		For Class 54 Rating, Add	*1,061.86*	
		For Class 55 Rating, Add	*1,585.11*	
		For Class 56 Rating, Add	*2,101.36*	
40 05 19 00-3396	EA	20" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,530.43	696.03
		For Class 52 Rating, Deduct	*-822.34*	
		For Class 54 Rating, Add	*1,134.03*	
		For Class 55 Rating, Add	*1,692.42*	
		For Class 56 Rating, Add	*2,243.34*	
40 05 19 00-3397	EA	20" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,015.31	698.75
		For Class 52 Rating, Deduct	*-875.23*	
		For Class 54 Rating, Add	*1,206.19*	
		For Class 55 Rating, Add	*1,799.73*	
		For Class 56 Rating, Add	*2,385.31*	
40 05 19 00-3398	EA	20" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,500.20	701.48
		For Class 52 Rating, Deduct	*-928.11*	
		For Class 54 Rating, Add	*1,278.36*	
		For Class 55 Rating, Add	*1,907.04*	
		For Class 56 Rating, Add	*2,527.29*	
40 05 19 00-3399	EA	20" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,985.09	704.18
		For Class 52 Rating, Deduct	*-981.00*	
		For Class 54 Rating, Add	*1,350.52*	
		For Class 55 Rating, Add	*2,014.35*	
		For Class 56 Rating, Add	*2,669.26*	
40 05 19 00-3400	EA	20" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,469.98	706.91
		For Class 52 Rating, Deduct	*-1,033.88*	
		For Class 54 Rating, Add	*1,422.69*	
		For Class 55 Rating, Add	*2,121.66*	
		For Class 56 Rating, Add	*2,811.24*	
40 05 19 00-3401	EA	20" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,954.88	709.63
		For Class 52 Rating, Deduct	*-1,086.76*	
		For Class 54 Rating, Add	*1,494.85*	
		For Class 55 Rating, Add	*2,228.97*	
		For Class 56 Rating, Add	*2,953.21*	
40 05 19 00-3402	EA	20" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,439.76	712.35
		For Class 52 Rating, Deduct	*-1,139.65*	
		For Class 54 Rating, Add	*1,567.02*	
		For Class 55 Rating, Add	*2,336.28*	
		For Class 56 Rating, Add	*3,095.19*	
40 05 19 00-3403	EA	20" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,924.65	715.06
		For Class 52 Rating, Deduct	*-1,192.53*	
		For Class 54 Rating, Add	*1,639.18*	
		For Class 55 Rating, Add	*2,443.59*	
		For Class 56 Rating, Add	*3,237.16*	
40 05 19 00-3404	EA	20" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,409.54	717.78
		For Class 52 Rating, Deduct	*-1,245.42*	
		For Class 54 Rating, Add	*1,711.35*	
		For Class 55 Rating, Add	*2,550.90*	
		For Class 56 Rating, Add	*3,379.14*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3405	EA	20" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,894.43	720.51
		For Class 52 Rating, Deduct	*-1,298.30*	
		For Class 54 Rating, Add	*1,783.51*	
		For Class 55 Rating, Add	*2,658.22*	
		For Class 56 Rating, Add	*3,521.11*	
40 05 19 00-3406	EA	20" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,379.32	723.22
		For Class 52 Rating, Deduct	*-1,351.19*	
		For Class 54 Rating, Add	*1,855.68*	
		For Class 55 Rating, Add	*2,765.53*	
		For Class 56 Rating, Add	*3,663.09*	
40 05 19 00-3407	EA	20" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,864.21	725.94
		For Class 52 Rating, Deduct	*-1,404.07*	
		For Class 54 Rating, Add	*1,927.84*	
		For Class 55 Rating, Add	*2,872.84*	
		For Class 56 Rating, Add	*3,805.07*	
40 05 19 00-3408	EA	20" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,349.10	728.66
		For Class 52 Rating, Deduct	*-1,456.96*	
		For Class 54 Rating, Add	*2,000.01*	
		For Class 55 Rating, Add	*2,980.15*	
		For Class 56 Rating, Add	*3,947.04*	
40 05 19 00-3409	EA	20" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,833.98	731.38
		For Class 52 Rating, Deduct	*-1,509.84*	
		For Class 54 Rating, Add	*2,072.17*	
		For Class 55 Rating, Add	*3,087.46*	
		For Class 56 Rating, Add	*4,089.02*	
40 05 19 00-3410	EA	20" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,318.88	734.09
		For Class 52 Rating, Deduct	*-1,562.73*	
		For Class 54 Rating, Add	*2,144.34*	
		For Class 55 Rating, Add	*3,194.77*	
		For Class 56 Rating, Add	*4,230.99*	
40 05 19 00-3411	EA	20" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,803.77	736.82
		For Class 52 Rating, Deduct	*-1,615.61*	
		For Class 54 Rating, Add	*2,216.50*	
		For Class 55 Rating, Add	*3,302.08*	
		For Class 56 Rating, Add	*4,372.97*	
40 05 19 00-3412	EA	20" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,288.65	739.54
		For Class 52 Rating, Deduct	*-1,668.50*	
		For Class 54 Rating, Add	*2,288.67*	
		For Class 55 Rating, Add	*3,409.39*	
		For Class 56 Rating, Add	*4,514.94*	
40 05 19 00-3413	EA	20" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,773.55	742.26
		For Class 52 Rating, Deduct	*-1,721.38*	
		For Class 54 Rating, Add	*2,360.83*	
		For Class 55 Rating, Add	*3,516.70*	
		For Class 56 Rating, Add	*4,656.92*	
40 05 19 00-3414	EA	20" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,258.43	744.97
		For Class 52 Rating, Deduct	*-1,774.27*	
		For Class 54 Rating, Add	*2,433.00*	
		For Class 55 Rating, Add	*3,624.01*	
		For Class 56 Rating, Add	*4,798.89*	
40 05 19 00-3415	EA	20" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,743.32	747.69
		For Class 52 Rating, Deduct	*-1,827.15*	
		For Class 54 Rating, Add	*2,505.16*	
		For Class 55 Rating, Add	*3,731.32*	
		For Class 56 Rating, Add	*4,940.87*	
40 05 19 00-3416	EA	20" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	18,228.22	750.41
		For Class 52 Rating, Deduct	*-1,880.04*	
		For Class 54 Rating, Add	*2,577.33*	
		For Class 55 Rating, Add	*3,838.63*	
		For Class 56 Rating, Add	*5,082.84*	
40 05 19 00-3417	EA	20" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	18,713.10	753.12
		For Class 52 Rating, Deduct	*-1,932.92*	
		For Class 54 Rating, Add	*2,649.49*	
		For Class 55 Rating, Add	*3,945.94*	
		For Class 56 Rating, Add	*5,224.82*	
40 05 19 00-3418	EA	20" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	19,197.99	755.85
		For Class 52 Rating, Deduct	*-1,985.80*	
		For Class 54 Rating, Add	*2,721.66*	
		For Class 55 Rating, Add	*4,053.25*	
		For Class 56 Rating, Add	*5,366.80*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3419	EA	20" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	19,682.88	758.56
		For Class 52 Rating, Deduct	*-2,038.69*	
		For Class 54 Rating, Add	*2,793.82*	
		For Class 55 Rating, Add	*4,160.56*	
		For Class 56 Rating, Add	*5,508.77*	
40 05 19 00-3420	EA	20" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	20,167.77	761.29
		For Class 52 Rating, Deduct	*-2,091.57*	
		For Class 54 Rating, Add	*2,865.99*	
		For Class 55 Rating, Add	*4,267.87*	
		For Class 56 Rating, Add	*5,650.75*	
40 05 19 00-3421	EA	20" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	20,652.67	764.00
		For Class 52 Rating, Deduct	*-2,144.46*	
		For Class 54 Rating, Add	*2,938.15*	
		For Class 55 Rating, Add	*4,375.19*	
		For Class 56 Rating, Add	*5,792.72*	
40 05 19 00-3422	EA	20" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	21,137.55	766.73
		For Class 52 Rating, Deduct	*-2,197.34*	
		For Class 54 Rating, Add	*3,010.32*	
		For Class 55 Rating, Add	*4,482.50*	
		For Class 56 Rating, Add	*5,934.70*	
40 05 19 00-3423	EA	20" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	21,622.44	769.44
		For Class 52 Rating, Deduct	*-2,250.23*	
		For Class 54 Rating, Add	*3,082.48*	
		For Class 55 Rating, Add	*4,589.81*	
		For Class 56 Rating, Add	*6,076.67*	
40 05 19 00-3424	EA	20" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	22,107.33	772.15
		For Class 52 Rating, Deduct	*-2,303.11*	
		For Class 54 Rating, Add	*3,154.65*	
		For Class 55 Rating, Add	*4,697.12*	
		For Class 56 Rating, Add	*6,218.65*	

40 05 19 00-3425 24" Flanged End x Plain End (FxPE), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-3068)*

40 05 19 00-3426	EA	24" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,133.39	793.91
		For Class 52 Rating, Deduct	*-432.36*	
		For Class 54 Rating, Add	*604.01*	
		For Class 55 Rating, Add	*905.37*	
		For Class 56 Rating, Add	*1,202.80*	
40 05 19 00-3427	EA	24" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,733.57	796.63
		For Class 52 Rating, Deduct	*-497.92*	
		For Class 54 Rating, Add	*693.47*	
		For Class 55 Rating, Add	*1,038.39*	
		For Class 56 Rating, Add	*1,378.78*	
40 05 19 00-3428	EA	24" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,333.72	799.35
		For Class 52 Rating, Deduct	*-563.48*	
		For Class 54 Rating, Add	*782.92*	
		For Class 55 Rating, Add	*1,171.40*	
		For Class 56 Rating, Add	*1,554.76*	
40 05 19 00-3429	EA	24" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,933.88	802.06
		For Class 52 Rating, Deduct	*-629.05*	
		For Class 54 Rating, Add	*872.38*	
		For Class 55 Rating, Add	*1,304.42*	
		For Class 56 Rating, Add	*1,730.74*	
40 05 19 00-3430	EA	24" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,534.05	804.79
		For Class 52 Rating, Deduct	*-694.61*	
		For Class 54 Rating, Add	*961.83*	
		For Class 55 Rating, Add	*1,437.44*	
		For Class 56 Rating, Add	*1,906.73*	
40 05 19 00-3431	EA	24" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,134.21	807.50
		For Class 52 Rating, Deduct	*-760.18*	
		For Class 54 Rating, Add	*1,051.29*	
		For Class 55 Rating, Add	*1,570.45*	
		For Class 56 Rating, Add	*2,082.71*	
40 05 19 00-3432	EA	24" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,734.37	810.23
		For Class 52 Rating, Deduct	*-825.74*	
		For Class 54 Rating, Add	*1,140.75*	
		For Class 55 Rating, Add	*1,703.47*	
		For Class 56 Rating, Add	*2,258.69*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3433	EA	24" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,334.53	812.94
		For Class 52 Rating, Deduct	*-891.31*	
		For Class 54 Rating, Add	*1,230.20*	
		For Class 55 Rating, Add	*1,836.49*	
		For Class 56 Rating, Add	*2,434.67*	
40 05 19 00-3434	EA	24" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,934.69	815.66
		For Class 52 Rating, Deduct	*-956.87*	
		For Class 54 Rating, Add	*1,319.66*	
		For Class 55 Rating, Add	*1,969.50*	
		For Class 56 Rating, Add	*2,610.65*	
40 05 19 00-3435	EA	24" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,534.87	818.38
		For Class 52 Rating, Deduct	*-1,022.44*	
		For Class 54 Rating, Add	*1,409.11*	
		For Class 55 Rating, Add	*2,102.52*	
		For Class 56 Rating, Add	*2,786.63*	
40 05 19 00-3436	EA	24" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,135.02	821.10
		For Class 52 Rating, Deduct	*-1,088.00*	
		For Class 54 Rating, Add	*1,498.57*	
		For Class 55 Rating, Add	*2,235.54*	
		For Class 56 Rating, Add	*2,962.61*	
40 05 19 00-3437	EA	24" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,735.18	823.82
		For Class 52 Rating, Deduct	*-1,153.57*	
		For Class 54 Rating, Add	*1,588.02*	
		For Class 55 Rating, Add	*2,368.55*	
		For Class 56 Rating, Add	*3,138.59*	
40 05 19 00-3438	EA	24" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,335.34	826.54
		For Class 52 Rating, Deduct	*-1,219.13*	
		For Class 54 Rating, Add	*1,677.48*	
		For Class 55 Rating, Add	*2,501.57*	
		For Class 56 Rating, Add	*3,314.57*	
40 05 19 00-3439	EA	24" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,935.50	829.26
		For Class 52 Rating, Deduct	*-1,284.70*	
		For Class 54 Rating, Add	*1,766.93*	
		For Class 55 Rating, Add	*2,634.58*	
		For Class 56 Rating, Add	*3,490.55*	
40 05 19 00-3440	EA	24" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,535.67	831.98
		For Class 52 Rating, Deduct	*-1,350.26*	
		For Class 54 Rating, Add	*1,856.39*	
		For Class 55 Rating, Add	*2,767.60*	
		For Class 56 Rating, Add	*3,666.54*	
40 05 19 00-3441	EA	24" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,135.83	834.69
		For Class 52 Rating, Deduct	*-1,415.83*	
		For Class 54 Rating, Add	*1,945.85*	
		For Class 55 Rating, Add	*2,900.62*	
		For Class 56 Rating, Add	*3,842.52*	
40 05 19 00-3442	EA	24" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,735.99	837.41
		For Class 52 Rating, Deduct	*-1,481.39*	
		For Class 54 Rating, Add	*2,035.30*	
		For Class 55 Rating, Add	*3,033.63*	
		For Class 56 Rating, Add	*4,018.50*	
40 05 19 00-3443	EA	24" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,336.14	840.13
		For Class 52 Rating, Deduct	*-1,546.95*	
		For Class 54 Rating, Add	*2,124.76*	
		For Class 55 Rating, Add	*3,166.65*	
		For Class 56 Rating, Add	*4,194.48*	
40 05 19 00-3444	EA	24" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,936.32	842.85
		For Class 52 Rating, Deduct	*-1,612.52*	
		For Class 54 Rating, Add	*2,214.22*	
		For Class 55 Rating, Add	*3,299.67*	
		For Class 56 Rating, Add	*4,370.46*	
40 05 19 00-3445	EA	24" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,536.48	845.57
		For Class 52 Rating, Deduct	*-1,678.08*	
		For Class 54 Rating, Add	*2,303.67*	
		For Class 55 Rating, Add	*3,432.68*	
		For Class 56 Rating, Add	*4,546.44*	
40 05 19 00-3446	EA	24" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,136.63	848.29
		For Class 52 Rating, Deduct	*-1,743.65*	
		For Class 54 Rating, Add	*2,393.13*	
		For Class 55 Rating, Add	*3,565.70*	
		For Class 56 Rating, Add	*4,722.42*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3447	EA	24" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,736.80	851.01
		For Class 52 Rating, Deduct	*-1,809.21*	
		For Class 54 Rating, Add	*2,482.58*	
		For Class 55 Rating, Add	*3,698.71*	
		For Class 56 Rating, Add	*4,898.40*	
40 05 19 00-3448	EA	24" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	18,336.95	853.72
		For Class 52 Rating, Deduct	*-1,874.78*	
		For Class 54 Rating, Add	*2,572.04*	
		For Class 55 Rating, Add	*3,831.73*	
		For Class 56 Rating, Add	*5,074.38*	
40 05 19 00-3449	EA	24" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	18,937.12	856.45
		For Class 52 Rating, Deduct	*-1,940.34*	
		For Class 54 Rating, Add	*2,661.49*	
		For Class 55 Rating, Add	*3,964.75*	
		For Class 56 Rating, Add	*5,250.36*	
40 05 19 00-3450	EA	24" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	19,537.29	859.17
		For Class 52 Rating, Deduct	*-2,005.91*	
		For Class 54 Rating, Add	*2,750.95*	
		For Class 55 Rating, Add	*4,097.76*	
		For Class 56 Rating, Add	*5,426.34*	
40 05 19 00-3451	EA	24" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	20,137.44	861.89
		For Class 52 Rating, Deduct	*-2,071.47*	
		For Class 54 Rating, Add	*2,840.40*	
		For Class 55 Rating, Add	*4,230.78*	
		For Class 56 Rating, Add	*5,602.32*	
40 05 19 00-3452	EA	24" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	20,737.61	864.60
		For Class 52 Rating, Deduct	*-2,137.04*	
		For Class 54 Rating, Add	*2,929.86*	
		For Class 55 Rating, Add	*4,363.80*	
		For Class 56 Rating, Add	*5,778.30*	
40 05 19 00-3453	EA	24" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	21,337.77	867.33
		For Class 52 Rating, Deduct	*-2,202.60*	
		For Class 54 Rating, Add	*3,019.32*	
		For Class 55 Rating, Add	*4,496.81*	
		For Class 56 Rating, Add	*5,954.29*	
40 05 19 00-3454	EA	24" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	21,937.93	870.04
		For Class 52 Rating, Deduct	*-2,268.17*	
		For Class 54 Rating, Add	*3,108.77*	
		For Class 55 Rating, Add	*4,629.83*	
		For Class 56 Rating, Add	*6,130.27*	
40 05 19 00-3455	EA	24" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	22,608.13	918.97
		For Class 52 Rating, Deduct	*-2,333.73*	
		For Class 54 Rating, Add	*3,199.07*	
		For Class 55 Rating, Add	*4,764.53*	
		For Class 56 Rating, Add	*6,308.77*	
40 05 19 00-3456	EA	24" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	23,208.28	921.70
		For Class 52 Rating, Deduct	*-2,399.29*	
		For Class 54 Rating, Add	*3,288.52*	
		For Class 55 Rating, Add	*4,897.54*	
		For Class 56 Rating, Add	*6,484.75*	
40 05 19 00-3457	EA	24" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	23,808.44	924.42
		For Class 52 Rating, Deduct	*-2,464.86*	
		For Class 54 Rating, Add	*3,377.98*	
		For Class 55 Rating, Add	*5,030.56*	
		For Class 56 Rating, Add	*6,660.73*	
40 05 19 00-3458	EA	24" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	24,408.62	927.15
		For Class 52 Rating, Deduct	*-2,530.42*	
		For Class 54 Rating, Add	*3,467.44*	
		For Class 55 Rating, Add	*5,163.58*	
		For Class 56 Rating, Add	*6,836.71*	
40 05 19 00-3459	EA	24" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	25,008.77	929.85
		For Class 52 Rating, Deduct	*-2,595.99*	
		For Class 54 Rating, Add	*3,556.89*	
		For Class 55 Rating, Add	*5,296.59*	
		For Class 56 Rating, Add	*7,012.69*	
40 05 19 00-3460	EA	24" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	28,420.45	932.57
		For Class 52 Rating, Deduct	*-2,970.82*	
		For Class 54 Rating, Add	*4,068.07*	
		For Class 55 Rating, Add	*6,056.58*	
		For Class 56 Rating, Add	*8,018.07*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3461	EA	24" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	26,209.09	935.30
		For Class 52 Rating, Deduct	*-2,727.12*	
		For Class 54 Rating, Add	*3,735.80*	
		For Class 55 Rating, Add	*5,562.62*	
		For Class 56 Rating, Add	*7,364.65*	
40 05 19 00-3462	EA	24" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	26,809.26	938.00
		For Class 52 Rating, Deduct	*-2,792.68*	
		For Class 54 Rating, Add	*3,825.26*	
		For Class 55 Rating, Add	*5,695.64*	
		For Class 56 Rating, Add	*7,540.63*	
40 05 19 00-3463	EA	24" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	27,409.42	940.73
		For Class 52 Rating, Deduct	*-2,858.25*	
		For Class 54 Rating, Add	*3,914.71*	
		For Class 55 Rating, Add	*5,828.66*	
		For Class 56 Rating, Add	*7,716.61*	

40 05 19 00-3464 30" Flanged End x Plain End (FxPE), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-3068)*

40 05 19 00-3465	EA	30" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,709.16	1,120.18
		For Class 52 Rating, Deduct	*-771.31*	
		For Class 54 Rating, Add	*1,072.16*	
		For Class 55 Rating, Add	*1,604.39*	
		For Class 56 Rating, Add	*2,129.62*	
40 05 19 00-3466	EA	30" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,567.99	1,122.89
		For Class 52 Rating, Deduct	*-865.33*	
		For Class 54 Rating, Add	*1,200.41*	
		For Class 55 Rating, Add	*1,795.09*	
		For Class 56 Rating, Add	*2,381.90*	
40 05 19 00-3467	EA	30" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,426.81	1,125.62
		For Class 52 Rating, Deduct	*-959.35*	
		For Class 54 Rating, Add	*1,328.67*	
		For Class 55 Rating, Add	*1,985.79*	
		For Class 56 Rating, Add	*2,634.19*	
40 05 19 00-3468	EA	30" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,285.64	1,128.33
		For Class 52 Rating, Deduct	*-1,053.36*	
		For Class 54 Rating, Add	*1,456.92*	
		For Class 55 Rating, Add	*2,176.49*	
		For Class 56 Rating, Add	*2,886.48*	
40 05 19 00-3469	EA	30" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,144.46	1,131.06
		For Class 52 Rating, Deduct	*-1,147.38*	
		For Class 54 Rating, Add	*1,585.18*	
		For Class 55 Rating, Add	*2,367.18*	
		For Class 56 Rating, Add	*3,138.76*	
40 05 19 00-3470	EA	30" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,003.27	1,133.77
		For Class 52 Rating, Deduct	*-1,241.40*	
		For Class 54 Rating, Add	*1,713.43*	
		For Class 55 Rating, Add	*2,557.88*	
		For Class 56 Rating, Add	*3,391.05*	
40 05 19 00-3471	EA	30" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,862.10	1,136.49
		For Class 52 Rating, Deduct	*-1,335.42*	
		For Class 54 Rating, Add	*1,841.68*	
		For Class 55 Rating, Add	*2,748.58*	
		For Class 56 Rating, Add	*3,643.33*	
40 05 19 00-3472	EA	30" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,720.92	1,139.21
		For Class 52 Rating, Deduct	*-1,429.43*	
		For Class 54 Rating, Add	*1,969.94*	
		For Class 55 Rating, Add	*2,939.28*	
		For Class 56 Rating, Add	*3,895.62*	
40 05 19 00-3473	EA	30" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,579.74	1,141.92
		For Class 52 Rating, Deduct	*-1,523.45*	
		For Class 54 Rating, Add	*2,098.19*	
		For Class 55 Rating, Add	*3,129.97*	
		For Class 56 Rating, Add	*4,147.90*	
40 05 19 00-3474	EA	30" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,438.57	1,144.65
		For Class 52 Rating, Deduct	*-1,617.47*	
		For Class 54 Rating, Add	*2,226.45*	
		For Class 55 Rating, Add	*3,320.67*	
		For Class 56 Rating, Add	*4,400.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3475	EA	30" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,297.38	1,147.36
		For Class 52 Rating, Deduct	*-1,711.48*	
		For Class 54 Rating, Add	*2,354.70*	
		For Class 55 Rating, Add	*3,511.37*	
		For Class 56 Rating, Add	*4,652.47*	
40 05 19 00-3476	EA	30" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	18,156.20	1,150.09
		For Class 52 Rating, Deduct	*-1,805.50*	
		For Class 54 Rating, Add	*2,482.96*	
		For Class 55 Rating, Add	*3,702.07*	
		For Class 56 Rating, Add	*4,904.76*	
40 05 19 00-3477	EA	30" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	19,015.03	1,152.80
		For Class 52 Rating, Deduct	*-1,899.52*	
		For Class 54 Rating, Add	*2,611.21*	
		For Class 55 Rating, Add	*3,892.76*	
		For Class 56 Rating, Add	*5,157.05*	
40 05 19 00-3478	EA	30" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	19,873.85	1,155.52
		For Class 52 Rating, Deduct	*-1,993.54*	
		For Class 54 Rating, Add	*2,739.47*	
		For Class 55 Rating, Add	*4,083.46*	
		For Class 56 Rating, Add	*5,409.33*	
40 05 19 00-3479	EA	30" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	20,732.67	1,158.24
		For Class 52 Rating, Deduct	*-2,087.55*	
		For Class 54 Rating, Add	*2,867.72*	
		For Class 55 Rating, Add	*4,274.16*	
		For Class 56 Rating, Add	*5,661.62*	
40 05 19 00-3480	EA	30" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	21,591.49	1,160.96
		For Class 52 Rating, Deduct	*-2,181.57*	
		For Class 54 Rating, Add	*2,995.98*	
		For Class 55 Rating, Add	*4,464.86*	
		For Class 56 Rating, Add	*5,913.90*	
40 05 19 00-3481	EA	30" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	22,450.31	1,163.67
		For Class 52 Rating, Deduct	*-2,275.59*	
		For Class 54 Rating, Add	*3,124.23*	
		For Class 55 Rating, Add	*4,655.55*	
		For Class 56 Rating, Add	*6,166.19*	
40 05 19 00-3482	EA	30" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	23,309.13	1,166.40
		For Class 52 Rating, Deduct	*-2,369.61*	
		For Class 54 Rating, Add	*3,252.49*	
		For Class 55 Rating, Add	*4,846.25*	
		For Class 56 Rating, Add	*6,418.47*	
40 05 19 00-3483	EA	30" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	24,167.96	1,169.12
		For Class 52 Rating, Deduct	*-2,463.62*	
		For Class 54 Rating, Add	*3,380.74*	
		For Class 55 Rating, Add	*5,036.95*	
		For Class 56 Rating, Add	*6,670.76*	
40 05 19 00-3484	EA	30" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	25,026.78	1,171.84
		For Class 52 Rating, Deduct	*-2,557.64*	
		For Class 54 Rating, Add	*3,509.00*	
		For Class 55 Rating, Add	*5,227.65*	
		For Class 56 Rating, Add	*6,923.04*	
40 05 19 00-3485	EA	30" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	25,885.60	1,174.55
		For Class 52 Rating, Deduct	*-2,651.66*	
		For Class 54 Rating, Add	*3,637.25*	
		For Class 55 Rating, Add	*5,418.34*	
		For Class 56 Rating, Add	*7,175.33*	
40 05 19 00-3486	EA	30" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	26,744.42	1,177.27
		For Class 52 Rating, Deduct	*-2,745.67*	
		For Class 54 Rating, Add	*3,765.51*	
		For Class 55 Rating, Add	*5,609.04*	
		For Class 56 Rating, Add	*7,427.61*	
40 05 19 00-3487	EA	30" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	27,603.24	1,179.99
		For Class 52 Rating, Deduct	*-2,839.69*	
		For Class 54 Rating, Add	*3,893.76*	
		For Class 55 Rating, Add	*5,799.74*	
		For Class 56 Rating, Add	*7,679.90*	
40 05 19 00-3488	EA	30" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	28,462.07	1,182.70
		For Class 52 Rating, Deduct	*-2,933.71*	
		For Class 54 Rating, Add	*4,022.02*	
		For Class 55 Rating, Add	*5,990.44*	
		For Class 56 Rating, Add	*7,932.19*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3489	EA	30" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	29,320.89	1,185.43
		For Class 52 Rating, Deduct	*-3,027.73*	
		For Class 54 Rating, Add	*4,150.27*	
		For Class 55 Rating, Add	*6,181.13*	
		For Class 56 Rating, Add	*8,184.47*	
40 05 19 00-3490	EA	30" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	30,179.70	1,188.15
		For Class 52 Rating, Deduct	*-3,121.74*	
		For Class 54 Rating, Add	*4,278.52*	
		For Class 55 Rating, Add	*6,371.83*	
		For Class 56 Rating, Add	*8,436.75*	
40 05 19 00-3491	EA	30" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	31,038.53	1,190.87
		For Class 52 Rating, Deduct	*-3,215.76*	
		For Class 54 Rating, Add	*4,406.78*	
		For Class 55 Rating, Add	*6,562.53*	
		For Class 56 Rating, Add	*8,689.04*	
40 05 19 00-3492	EA	30" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	31,897.35	1,193.58
		For Class 52 Rating, Deduct	*-3,309.78*	
		For Class 54 Rating, Add	*4,535.04*	
		For Class 55 Rating, Add	*6,753.23*	
		For Class 56 Rating, Add	*8,941.33*	
40 05 19 00-3493	EA	30" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	32,756.17	1,196.31
		For Class 52 Rating, Deduct	*-3,403.79*	
		For Class 54 Rating, Add	*4,663.29*	
		For Class 55 Rating, Add	*6,943.92*	
		For Class 56 Rating, Add	*9,193.61*	
40 05 19 00-3494	EA	30" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	33,615.00	1,199.03
		For Class 52 Rating, Deduct	*-3,497.81*	
		For Class 54 Rating, Add	*4,791.54*	
		For Class 55 Rating, Add	*7,134.62*	
		For Class 56 Rating, Add	*9,445.90*	
40 05 19 00-3495	EA	30" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	34,473.81	1,201.74
		For Class 52 Rating, Deduct	*-3,591.83*	
		For Class 54 Rating, Add	*4,919.80*	
		For Class 55 Rating, Add	*7,325.32*	
		For Class 56 Rating, Add	*9,698.18*	
40 05 19 00-3496	EA	30" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	35,332.64	1,204.46
		For Class 52 Rating, Deduct	*-3,685.85*	
		For Class 54 Rating, Add	*5,048.05*	
		For Class 55 Rating, Add	*7,516.02*	
		For Class 56 Rating, Add	*9,950.47*	
40 05 19 00-3497	EA	30" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	36,191.46	1,207.19
		For Class 52 Rating, Deduct	*-3,779.86*	
		For Class 54 Rating, Add	*5,176.31*	
		For Class 55 Rating, Add	*7,706.71*	
		For Class 56 Rating, Add	*10,202.75*	
40 05 19 00-3498	EA	30" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	37,050.28	1,209.90
		For Class 52 Rating, Deduct	*-3,873.88*	
		For Class 54 Rating, Add	*5,304.56*	
		For Class 55 Rating, Add	*7,897.41*	
		For Class 56 Rating, Add	*10,455.04*	
40 05 19 00-3499	EA	30" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	37,909.10	1,212.61
		For Class 52 Rating, Deduct	*-3,967.90*	
		For Class 54 Rating, Add	*5,432.82*	
		For Class 55 Rating, Add	*8,088.11*	
		For Class 56 Rating, Add	*10,707.32*	

40 05 19 00-3500 36" Flanged End x Plain End (FxPE), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-3068)*

40 05 19 00-3501	EA	36" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,882.96	1,419.25
		For Class 52 Rating, Deduct	*-960.58*	
		For Class 54 Rating, Add	*1,335.69*	
		For Class 55 Rating, Add	*1,998.97*	
		For Class 56 Rating, Add	*2,653.52*	
40 05 19 00-3502	EA	36" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,034.18	1,421.98
		For Class 52 Rating, Deduct	*-1,086.76*	
		For Class 54 Rating, Add	*1,507.81*	
		For Class 55 Rating, Add	*2,254.88*	
		For Class 56 Rating, Add	*2,992.07*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3503	EA	36" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,185.40	1,424.69
		For Class 52 Rating, Deduct	*-1,212.95*	
		For Class 54 Rating, Add	*1,679.92*	
		For Class 55 Rating, Add	*2,510.78*	
		For Class 56 Rating, Add	*3,330.61*	
40 05 19 00-3504	EA	36" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,336.62	1,427.41
		For Class 52 Rating, Deduct	*-1,339.13*	
		For Class 54 Rating, Add	*1,852.03*	
		For Class 55 Rating, Add	*2,766.68*	
		For Class 56 Rating, Add	*3,669.15*	
40 05 19 00-3505	EA	36" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,487.84	1,430.13
		For Class 52 Rating, Deduct	*-1,465.31*	
		For Class 54 Rating, Add	*2,024.15*	
		For Class 55 Rating, Add	*3,022.58*	
		For Class 56 Rating, Add	*4,007.70*	
40 05 19 00-3506	EA	36" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,639.06	1,432.84
		For Class 52 Rating, Deduct	*-1,591.49*	
		For Class 54 Rating, Add	*2,196.26*	
		For Class 55 Rating, Add	*3,278.49*	
		For Class 56 Rating, Add	*4,346.24*	
40 05 19 00-3507	EA	36" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,790.28	1,435.57
		For Class 52 Rating, Deduct	*-1,717.67*	
		For Class 54 Rating, Add	*2,368.38*	
		For Class 55 Rating, Add	*3,534.39*	
		For Class 56 Rating, Add	*4,684.78*	
40 05 19 00-3508	EA	36" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	18,941.50	1,438.28
		For Class 52 Rating, Deduct	*-1,843.85*	
		For Class 54 Rating, Add	*2,540.49*	
		For Class 55 Rating, Add	*3,790.29*	
		For Class 56 Rating, Add	*5,023.32*	
40 05 19 00-3509	EA	36" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	20,092.72	1,441.01
		For Class 52 Rating, Deduct	*-1,970.03*	
		For Class 54 Rating, Add	*2,712.61*	
		For Class 55 Rating, Add	*4,046.19*	
		For Class 56 Rating, Add	*5,361.87*	
40 05 19 00-3510	EA	36" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	21,243.94	1,443.72
		For Class 52 Rating, Deduct	*-2,096.21*	
		For Class 54 Rating, Add	*2,884.72*	
		For Class 55 Rating, Add	*4,302.09*	
		For Class 56 Rating, Add	*5,700.41*	
40 05 19 00-3511	EA	36" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	22,395.16	1,446.44
		For Class 52 Rating, Deduct	*-2,222.39*	
		For Class 54 Rating, Add	*3,056.84*	
		For Class 55 Rating, Add	*4,558.00*	
		For Class 56 Rating, Add	*6,038.95*	
40 05 19 00-3512	EA	36" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	23,546.38	1,449.16
		For Class 52 Rating, Deduct	*-2,348.57*	
		For Class 54 Rating, Add	*3,228.95*	
		For Class 55 Rating, Add	*4,813.90*	
		For Class 56 Rating, Add	*6,377.50*	
40 05 19 00-3513	EA	36" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	24,697.59	1,451.87
		For Class 52 Rating, Deduct	*-2,474.76*	
		For Class 54 Rating, Add	*3,401.06*	
		For Class 55 Rating, Add	*5,069.80*	
		For Class 56 Rating, Add	*6,716.04*	
40 05 19 00-3514	EA	36" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	25,848.82	1,454.60
		For Class 52 Rating, Deduct	*-2,600.94*	
		For Class 54 Rating, Add	*3,573.18*	
		For Class 55 Rating, Add	*5,325.70*	
		For Class 56 Rating, Add	*7,054.58*	
40 05 19 00-3515	EA	36" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	27,000.04	1,457.31
		For Class 52 Rating, Deduct	*-2,727.12*	
		For Class 54 Rating, Add	*3,745.29*	
		For Class 55 Rating, Add	*5,581.60*	
		For Class 56 Rating, Add	*7,393.12*	
40 05 19 00-3516	EA	36" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	28,151.25	1,460.04
		For Class 52 Rating, Deduct	*-2,853.30*	
		For Class 54 Rating, Add	*3,917.41*	
		For Class 55 Rating, Add	*5,837.51*	
		For Class 56 Rating, Add	*7,731.67*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3517	EA	36" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	29,302.48	1,462.75
		For Class 52 Rating, Deduct	*-2,979.48*	
		For Class 54 Rating, Add	*4,089.52*	
		For Class 55 Rating, Add	*6,093.41*	
		For Class 56 Rating, Add	*8,070.21*	
40 05 19 00-3518	EA	36" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	30,453.69	1,465.47
		For Class 52 Rating, Deduct	*-3,105.66*	
		For Class 54 Rating, Add	*4,261.64*	
		For Class 55 Rating, Add	*6,349.31*	
		For Class 56 Rating, Add	*8,408.75*	
40 05 19 00-3519	EA	36" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	31,604.91	1,468.19
		For Class 52 Rating, Deduct	*-3,231.84*	
		For Class 54 Rating, Add	*4,433.75*	
		For Class 55 Rating, Add	*6,605.21*	
		For Class 56 Rating, Add	*8,747.30*	
40 05 19 00-3520	EA	36" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	32,756.14	1,470.92
		For Class 52 Rating, Deduct	*-3,358.02*	
		For Class 54 Rating, Add	*4,605.87*	
		For Class 55 Rating, Add	*6,861.12*	
		For Class 56 Rating, Add	*9,085.84*	
40 05 19 00-3521	EA	36" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	33,907.35	1,473.63
		For Class 52 Rating, Deduct	*-3,484.20*	
		For Class 54 Rating, Add	*4,777.98*	
		For Class 55 Rating, Add	*7,117.02*	
		For Class 56 Rating, Add	*9,424.38*	
40 05 19 00-3522	EA	36" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	35,058.57	1,476.35
		For Class 52 Rating, Deduct	*-3,610.38*	
		For Class 54 Rating, Add	*4,950.09*	
		For Class 55 Rating, Add	*7,372.92*	
		For Class 56 Rating, Add	*9,762.92*	
40 05 19 00-3523	EA	36" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	36,209.79	1,479.07
		For Class 52 Rating, Deduct	*-3,736.57*	
		For Class 54 Rating, Add	*5,122.21*	
		For Class 55 Rating, Add	*7,628.82*	
		For Class 56 Rating, Add	*10,101.47*	
40 05 19 00-3524	EA	36" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	37,361.01	1,481.78
		For Class 52 Rating, Deduct	*-3,862.75*	
		For Class 54 Rating, Add	*5,294.32*	
		For Class 55 Rating, Add	*7,884.72*	
		For Class 56 Rating, Add	*10,440.01*	
40 05 19 00-3525	EA	36" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	38,512.23	1,484.50
		For Class 52 Rating, Deduct	*-3,988.93*	
		For Class 54 Rating, Add	*5,466.44*	
		For Class 55 Rating, Add	*8,140.63*	
		For Class 56 Rating, Add	*10,778.55*	
40 05 19 00-3526	EA	36" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	39,663.46	1,487.22
		For Class 52 Rating, Deduct	*-4,115.11*	
		For Class 54 Rating, Add	*5,638.55*	
		For Class 55 Rating, Add	*8,396.53*	
		For Class 56 Rating, Add	*11,117.10*	
40 05 19 00-3527	EA	36" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	40,814.68	1,489.95
		For Class 52 Rating, Deduct	*-4,241.29*	
		For Class 54 Rating, Add	*5,810.67*	
		For Class 55 Rating, Add	*8,652.43*	
		For Class 56 Rating, Add	*11,455.64*	
40 05 19 00-3528	EA	36" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	41,965.90	1,492.66
		For Class 52 Rating, Deduct	*-4,367.47*	
		For Class 54 Rating, Add	*5,982.78*	
		For Class 55 Rating, Add	*8,908.34*	
		For Class 56 Rating, Add	*11,794.18*	
40 05 19 00-3529	EA	36" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	43,117.12	1,495.38
		For Class 52 Rating, Deduct	*-4,493.65*	
		For Class 54 Rating, Add	*6,154.90*	
		For Class 55 Rating, Add	*9,164.24*	
		For Class 56 Rating, Add	*12,132.73*	
40 05 19 00-3530	EA	36" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	44,268.34	1,498.10
		For Class 52 Rating, Deduct	*-4,619.83*	
		For Class 54 Rating, Add	*6,327.01*	
		For Class 55 Rating, Add	*9,420.14*	
		For Class 56 Rating, Add	*12,471.27*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3531	EA	36" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	45,419.56	1,500.82
		For Class 52 Rating, Deduct	*-4,746.01*	
		For Class 54 Rating, Add	*6,499.13*	
		For Class 55 Rating, Add	*9,676.04*	
		For Class 56 Rating, Add	*12,809.81*	
40 05 19 00-3532	EA	36" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	46,570.78	1,503.53
		For Class 52 Rating, Deduct	*-4,872.20*	
		For Class 54 Rating, Add	*6,671.24*	
		For Class 55 Rating, Add	*9,931.94*	
		For Class 56 Rating, Add	*13,148.35*	
40 05 19 00-3533	EA	36" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	47,721.99	1,506.26
		For Class 52 Rating, Deduct	*-4,998.38*	
		For Class 54 Rating, Add	*6,843.35*	
		For Class 55 Rating, Add	*10,187.85*	
		For Class 56 Rating, Add	*13,486.90*	
40 05 19 00-3534	EA	36" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	48,873.22	1,508.98
		For Class 52 Rating, Deduct	*-5,124.56*	
		For Class 54 Rating, Add	*7,015.47*	
		For Class 55 Rating, Add	*10,443.75*	
		For Class 56 Rating, Add	*13,825.44*	
40 05 19 00-3535	EA	36" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	50,024.44	1,511.70
		For Class 52 Rating, Deduct	*-5,250.74*	
		For Class 54 Rating, Add	*7,187.58*	
		For Class 55 Rating, Add	*10,699.65*	
		For Class 56 Rating, Add	*14,163.98*	

40 05 19 00-3536 42" Flanged End x Plain End (FxPE), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-3068)*

40 05 19 00-3537	EA	42" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,417.81	1,789.02
		For Class 52 Rating, Deduct	*-1,287.79*	
		For Class 54 Rating, Add	*1,788.60*	
		For Class 55 Rating, Add	*2,675.75*	
		For Class 56 Rating, Add	*3,551.20*	
40 05 19 00-3538	EA	42" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,114.45	1,791.73
		For Class 52 Rating, Deduct	*-1,473.97*	
		For Class 54 Rating, Add	*2,042.53*	
		For Class 55 Rating, Add	*3,053.29*	
		For Class 56 Rating, Add	*4,050.64*	
40 05 19 00-3539	EA	42" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,797.05	1,794.46
		For Class 52 Rating, Deduct	*-1,658.60*	
		For Class 54 Rating, Add	*2,294.35*	
		For Class 55 Rating, Add	*3,427.69*	
		For Class 56 Rating, Add	*4,545.94*	
40 05 19 00-3540	EA	42" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	19,496.53	1,797.17
		For Class 52 Rating, Deduct	*-1,845.09*	
		For Class 54 Rating, Add	*2,548.71*	
		For Class 55 Rating, Add	*3,805.85*	
		For Class 56 Rating, Add	*5,046.22*	
40 05 19 00-3541	EA	42" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	21,184.74	1,799.90
		For Class 52 Rating, Deduct	*-2,030.34*	
		For Class 54 Rating, Add	*2,801.37*	
		For Class 55 Rating, Add	*4,181.50*	
		For Class 56 Rating, Add	*5,543.18*	
40 05 19 00-3542	EA	42" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	22,889.83	1,802.61
		For Class 52 Rating, Deduct	*-2,217.45*	
		For Class 54 Rating, Add	*3,056.56*	
		For Class 55 Rating, Add	*4,560.92*	
		For Class 56 Rating, Add	*6,045.11*	
40 05 19 00-3543	EA	42" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	24,578.05	1,805.33
		For Class 52 Rating, Deduct	*-2,402.70*	
		For Class 54 Rating, Add	*3,309.23*	
		For Class 55 Rating, Add	*4,936.57*	
		For Class 56 Rating, Add	*6,542.07*	
40 05 19 00-3544	EA	42" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	26,285.95	1,808.05
		For Class 52 Rating, Deduct	*-2,590.11*	
		For Class 54 Rating, Add	*3,564.85*	
		For Class 55 Rating, Add	*5,316.61*	
		For Class 56 Rating, Add	*7,044.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3545	EA	42" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	27,976.99	1,810.78
		For Class 52 Rating, Deduct	*-2,775.67*	
		For Class 54 Rating, Add	*3,817.93*	
		For Class 55 Rating, Add	*5,692.89*	
		For Class 56 Rating, Add	*7,542.62*	
40 05 19 00-3546	EA	42" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	29,687.69	1,813.49
		For Class 52 Rating, Deduct	*-2,963.40*	
		For Class 54 Rating, Add	*4,073.97*	
		For Class 55 Rating, Add	*6,073.56*	
		For Class 56 Rating, Add	*8,046.21*	
40 05 19 00-3547	EA	42" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	31,378.73	1,816.21
		For Class 52 Rating, Deduct	*-3,148.96*	
		For Class 54 Rating, Add	*4,327.06*	
		For Class 55 Rating, Add	*6,449.84*	
		For Class 56 Rating, Add	*8,544.00*	
40 05 19 00-3548	EA	42" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	33,089.44	1,818.93
		For Class 52 Rating, Deduct	*-3,336.68*	
		For Class 54 Rating, Add	*4,583.09*	
		For Class 55 Rating, Add	*6,830.51*	
		For Class 56 Rating, Add	*9,047.59*	
40 05 19 00-3549	EA	42" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	34,783.28	1,821.64
		For Class 52 Rating, Deduct	*-3,522.55*	
		For Class 54 Rating, Add	*4,836.60*	
		For Class 55 Rating, Add	*7,207.42*	
		For Class 56 Rating, Add	*9,546.21*	
40 05 19 00-3550	EA	42" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	36,479.94	1,824.36
		For Class 52 Rating, Deduct	*-3,708.73*	
		For Class 54 Rating, Add	*5,090.53*	
		For Class 55 Rating, Add	*7,584.95*	
		For Class 56 Rating, Add	*10,045.66*	
40 05 19 00-3551	EA	42" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	38,187.84	1,827.08
		For Class 52 Rating, Deduct	*-3,896.15*	
		For Class 54 Rating, Add	*5,346.15*	
		For Class 55 Rating, Add	*7,964.99*	
		For Class 56 Rating, Add	*10,548.42*	
40 05 19 00-3552	EA	42" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	39,881.68	1,829.81
		For Class 52 Rating, Deduct	*-4,082.02*	
		For Class 54 Rating, Add	*5,599.66*	
		For Class 55 Rating, Add	*8,341.90*	
		For Class 56 Rating, Add	*11,047.04*	
40 05 19 00-3553	EA	42" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	41,595.20	1,832.51
		For Class 52 Rating, Deduct	*-4,270.05*	
		For Class 54 Rating, Add	*5,856.12*	
		For Class 55 Rating, Add	*8,723.20*	
		For Class 56 Rating, Add	*11,551.46*	
40 05 19 00-3554	EA	42" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	43,291.86	1,835.24
		For Class 52 Rating, Deduct	*-4,456.23*	
		For Class 54 Rating, Add	*6,110.05*	
		For Class 55 Rating, Add	*9,100.73*	
		For Class 56 Rating, Add	*12,050.91*	
40 05 19 00-3555	EA	42" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	45,002.57	1,837.96
		For Class 52 Rating, Deduct	*-4,643.96*	
		For Class 54 Rating, Add	*6,366.08*	
		For Class 55 Rating, Add	*9,481.40*	
		For Class 56 Rating, Add	*12,554.50*	
40 05 19 00-3556	EA	42" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	46,699.22	1,840.68
		For Class 52 Rating, Deduct	*-4,830.14*	
		For Class 54 Rating, Add	*6,620.01*	
		For Class 55 Rating, Add	*9,858.93*	
		For Class 56 Rating, Add	*13,053.94*	
40 05 19 00-3557	EA	42" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	48,412.75	1,843.39
		For Class 52 Rating, Deduct	*-5,018.17*	
		For Class 54 Rating, Add	*6,876.47*	
		For Class 55 Rating, Add	*10,240.23*	
		For Class 56 Rating, Add	*13,558.37*	
40 05 19 00-3558	EA	42" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	50,109.40	1,846.12
		For Class 52 Rating, Deduct	*-5,204.35*	
		For Class 54 Rating, Add	*7,130.40*	
		For Class 55 Rating, Add	*10,617.77*	
		For Class 56 Rating, Add	*14,057.81*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3559	EA	42" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	51,822.92	1,848.84
		For Class 52 Rating, Deduct	*-5,392.38*	
		For Class 54 Rating, Add	*7,386.86*	
		For Class 55 Rating, Add	*10,999.06*	
		For Class 56 Rating, Add	*14,562.24*	
40 05 19 00-3560	EA	42" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	53,516.78	1,851.55
		For Class 52 Rating, Deduct	*-5,578.25*	
		For Class 54 Rating, Add	*7,640.37*	
		For Class 55 Rating, Add	*11,375.97*	
		For Class 56 Rating, Add	*15,060.85*	
40 05 19 00-3561	EA	42" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	55,233.10	1,854.27
		For Class 52 Rating, Deduct	*-5,766.60*	
		For Class 54 Rating, Add	*7,897.25*	
		For Class 55 Rating, Add	*11,757.89*	
		For Class 56 Rating, Add	*15,566.10*	
40 05 19 00-3562	EA	42" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	56,929.77	1,856.99
		For Class 52 Rating, Deduct	*-5,952.78*	
		For Class 54 Rating, Add	*8,151.18*	
		For Class 55 Rating, Add	*12,135.43*	
		For Class 56 Rating, Add	*16,065.55*	
40 05 19 00-3563	EA	42" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	58,640.47	1,859.71
		For Class 52 Rating, Deduct	*-6,140.50*	
		For Class 54 Rating, Add	*8,407.22*	
		For Class 55 Rating, Add	*12,516.09*	
		For Class 56 Rating, Add	*16,569.14*	
40 05 19 00-3564	EA	42" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	60,339.94	1,862.42
		For Class 52 Rating, Deduct	*-6,326.99*	
		For Class 54 Rating, Add	*8,661.57*	
		For Class 55 Rating, Add	*12,894.26*	
		For Class 56 Rating, Add	*17,069.42*	
40 05 19 00-3565	EA	42" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	61,704.84	1,865.15
		For Class 52 Rating, Deduct	*-6,476.67*	
		For Class 54 Rating, Add	*8,865.74*	
		For Class 55 Rating, Add	*13,197.81*	
		For Class 56 Rating, Add	*17,471.00*	
40 05 19 00-3566	EA	42" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	63,750.12	1,867.87
		For Class 52 Rating, Deduct	*-6,701.20*	
		For Class 54 Rating, Add	*9,171.96*	
		For Class 55 Rating, Add	*13,653.09*	
		For Class 56 Rating, Add	*18,073.29*	
40 05 19 00-3567	EA	42" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	65,443.96	1,870.58
		For Class 52 Rating, Deduct	*-6,887.07*	
		For Class 54 Rating, Add	*9,425.47*	
		For Class 55 Rating, Add	*14,029.99*	
		For Class 56 Rating, Add	*18,571.91*	
40 05 19 00-3568	EA	42" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	67,157.48	1,873.30
		For Class 52 Rating, Deduct	*-7,075.11*	
		For Class 54 Rating, Add	*9,681.93*	
		For Class 55 Rating, Add	*14,411.29*	
		For Class 56 Rating, Add	*19,076.33*	
40 05 19 00-3569	EA	42" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	68,854.14	1,876.03
		For Class 52 Rating, Deduct	*-7,261.28*	
		For Class 54 Rating, Add	*9,935.86*	
		For Class 55 Rating, Add	*14,788.82*	
		For Class 56 Rating, Add	*19,575.77*	
40 05 19 00-3570	EA	42" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	70,570.47	1,878.75
		For Class 52 Rating, Deduct	*-7,449.63*	
		For Class 54 Rating, Add	*10,192.74*	
		For Class 55 Rating, Add	*15,170.75*	
		For Class 56 Rating, Add	*20,081.02*	
40 05 19 00-3571	EA	42" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	72,264.32	1,881.46
		For Class 52 Rating, Deduct	*-7,635.50*	
		For Class 54 Rating, Add	*10,446.25*	
		For Class 55 Rating, Add	*15,547.65*	
		For Class 56 Rating, Add	*20,579.64*	

40 05 19 00-3572 48" Flanged End x Plain End (FxPE), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe *(40 05 19 00-3068)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3573	EA	48" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	18,631.21	2,248.50
		For Class 52 Rating, Deduct	*-1,674.68*	
		For Class 54 Rating, Add	*2,324.54*	
		For Class 55 Rating, Add	*3,476.80*	
		For Class 56 Rating, Add	*4,613.84*	
40 05 19 00-3574	EA	48" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	21,070.11	2,251.23
		For Class 52 Rating, Deduct	*-1,942.51*	
		For Class 54 Rating, Add	*2,689.81*	
		For Class 55 Rating, Add	*4,019.86*	
		For Class 56 Rating, Add	*5,332.25*	
40 05 19 00-3575	EA	48" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	23,517.44	2,253.95
		For Class 52 Rating, Deduct	*-2,211.26*	
		For Class 54 Rating, Add	*3,056.34*	
		For Class 55 Rating, Add	*4,564.79*	
		For Class 56 Rating, Add	*6,053.14*	
40 05 19 00-3576	EA	48" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	25,990.07	2,256.68
		For Class 52 Rating, Deduct	*-2,482.80*	
		For Class 54 Rating, Add	*3,426.66*	
		For Class 55 Rating, Add	*5,115.37*	
		For Class 56 Rating, Add	*6,781.50*	
40 05 19 00-3577	EA	48" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	28,457.08	2,259.38
		For Class 52 Rating, Deduct	*-2,753.71*	
		For Class 54 Rating, Add	*3,796.15*	
		For Class 55 Rating, Add	*5,664.69*	
		For Class 56 Rating, Add	*7,508.20*	
40 05 19 00-3578	EA	48" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	30,926.91	2,262.10
		For Class 52 Rating, Deduct	*-3,024.94*	
		For Class 54 Rating, Add	*4,166.05*	
		For Class 55 Rating, Add	*6,214.64*	
		For Class 56 Rating, Add	*8,235.73*	
40 05 19 00-3579	EA	48" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	33,413.60	2,264.83
		For Class 52 Rating, Deduct	*-3,298.03*	
		For Class 54 Rating, Add	*4,538.49*	
		For Class 55 Rating, Add	*6,768.35*	
		For Class 56 Rating, Add	*8,968.24*	
40 05 19 00-3580	EA	48" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	35,894.66	2,267.53
		For Class 52 Rating, Deduct	*-3,570.49*	
		For Class 54 Rating, Add	*4,910.08*	
		For Class 55 Rating, Add	*7,320.81*	
		For Class 56 Rating, Add	*9,699.09*	
40 05 19 00-3581	EA	48" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	38,370.11	2,270.26
		For Class 52 Rating, Deduct	*-3,842.34*	
		For Class 54 Rating, Add	*5,280.83*	
		For Class 55 Rating, Add	*7,872.02*	
		For Class 56 Rating, Add	*10,428.28*	
40 05 19 00-3582	EA	48" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	40,868.05	2,272.98
		For Class 52 Rating, Deduct	*-4,116.66*	
		For Class 54 Rating, Add	*5,654.95*	
		For Class 55 Rating, Add	*8,428.24*	
		For Class 56 Rating, Add	*11,164.10*	
40 05 19 00-3583	EA	48" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	43,354.74	2,275.71
		For Class 52 Rating, Deduct	*-4,389.74*	
		For Class 54 Rating, Add	*6,027.38*	
		For Class 55 Rating, Add	*8,981.95*	
		For Class 56 Rating, Add	*11,896.61*	
40 05 19 00-3584	EA	48" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	45,855.49	2,278.41
		For Class 52 Rating, Deduct	*-4,664.37*	
		For Class 54 Rating, Add	*6,401.93*	
		For Class 55 Rating, Add	*9,538.80*	
		For Class 56 Rating, Add	*12,633.26*	
40 05 19 00-3585	EA	48" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	48,339.37	2,281.14
		For Class 52 Rating, Deduct	*-4,937.14*	
		For Class 54 Rating, Add	*6,773.94*	
		For Class 55 Rating, Add	*10,091.88*	
		For Class 56 Rating, Add	*13,364.94*	
40 05 19 00-3586	EA	48" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	50,828.88	2,283.86
		For Class 52 Rating, Deduct	*-5,210.53*	
		For Class 54 Rating, Add	*7,146.80*	
		For Class 55 Rating, Add	*10,646.22*	
		For Class 56 Rating, Add	*14,098.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3587	EA	48" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	53,332.44	2,286.58
		For Class 52 Rating, Deduct	*-5,485.47*	
		For Class 54 Rating, Add	*7,521.76*	
		For Class 55 Rating, Add	*11,203.70*	
		For Class 56 Rating, Add	*14,835.76*	
40 05 19 00-3588	EA	48" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	55,821.93	2,289.29
		For Class 52 Rating, Deduct	*-5,758.86*	
		For Class 54 Rating, Add	*7,894.62*	
		For Class 55 Rating, Add	*11,758.04*	
		For Class 56 Rating, Add	*15,569.10*	
40 05 19 00-3589	EA	48" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	58,311.45	2,292.01
		For Class 52 Rating, Deduct	*-6,032.26*	
		For Class 54 Rating, Add	*8,267.48*	
		For Class 55 Rating, Add	*12,312.38*	
		For Class 56 Rating, Add	*16,302.44*	
40 05 19 00-3590	EA	48" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	60,817.81	2,294.73
		For Class 52 Rating, Deduct	*-6,307.50*	
		For Class 54 Rating, Add	*8,642.86*	
		For Class 55 Rating, Add	*12,870.48*	
		For Class 56 Rating, Add	*17,040.75*	
40 05 19 00-3591	EA	48" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	63,310.13	2,297.44
		For Class 52 Rating, Deduct	*-6,581.21*	
		For Class 54 Rating, Add	*9,016.14*	
		For Class 55 Rating, Add	*13,425.44*	
		For Class 56 Rating, Add	*17,774.91*	
40 05 19 00-3592	EA	48" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	65,799.64	2,300.17
		For Class 52 Rating, Deduct	*-6,854.60*	
		For Class 54 Rating, Add	*9,389.00*	
		For Class 55 Rating, Add	*13,979.78*	
		For Class 56 Rating, Add	*18,508.25*	
40 05 19 00-3593	EA	48" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	68,311.63	2,302.89
		For Class 52 Rating, Deduct	*-7,130.47*	
		For Class 54 Rating, Add	*9,765.23*	
		For Class 55 Rating, Add	*14,539.14*	
		For Class 56 Rating, Add	*19,248.22*	
40 05 19 00-3594	EA	48" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	70,806.75	2,305.61
		For Class 52 Rating, Deduct	*-7,404.48*	
		For Class 54 Rating, Add	*10,138.93*	
		For Class 55 Rating, Add	*15,094.73*	
		For Class 56 Rating, Add	*19,983.22*	
40 05 19 00-3595	EA	48" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	73,299.07	2,308.32
		For Class 52 Rating, Deduct	*-7,678.18*	
		For Class 54 Rating, Add	*10,512.21*	
		For Class 55 Rating, Add	*15,649.70*	
		For Class 56 Rating, Add	*20,717.38*	
40 05 19 00-3596	EA	48" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	75,808.25	2,311.05
		For Class 52 Rating, Deduct	*-7,953.73*	
		For Class 54 Rating, Add	*10,888.02*	
		For Class 55 Rating, Add	*16,208.43*	
		For Class 56 Rating, Add	*21,456.52*	
40 05 19 00-3597	EA	48" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	78,303.38	2,313.76
		For Class 52 Rating, Deduct	*-8,227.74*	
		For Class 54 Rating, Add	*11,261.72*	
		For Class 55 Rating, Add	*16,764.02*	
		For Class 56 Rating, Add	*22,191.52*	
40 05 19 00-3598	EA	48" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	80,795.69	2,316.47
		For Class 52 Rating, Deduct	*-8,501.45*	
		For Class 54 Rating, Add	*11,635.00*	
		For Class 55 Rating, Add	*17,318.98*	
		For Class 56 Rating, Add	*22,925.69*	
40 05 19 00-3599	EA	48" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	83,307.69	2,319.20
		For Class 52 Rating, Deduct	*-8,777.31*	
		For Class 54 Rating, Add	*12,011.23*	
		For Class 55 Rating, Add	*17,878.34*	
		For Class 56 Rating, Add	*23,665.66*	
40 05 19 00-3600	EA	48" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	85,802.81	2,321.92
		For Class 52 Rating, Deduct	*-9,051.32*	
		For Class 54 Rating, Add	*12,384.93*	
		For Class 55 Rating, Add	*18,433.93*	
		For Class 56 Rating, Add	*24,400.65*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3601	EA	48" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	88,002.73	2,324.64
		For Class 52 Rating, Deduct	*-9,292.86*	
		For Class 54 Rating, Add	*12,714.35*	
		For Class 55 Rating, Add	*18,923.69*	
		For Class 56 Rating, Add	*25,048.56*	
40 05 19 00-3602	EA	48" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	90,812.75	2,327.35
		For Class 52 Rating, Deduct	*-9,601.51*	
		For Class 54 Rating, Add	*13,135.28*	
		For Class 55 Rating, Add	*19,549.51*	
		For Class 56 Rating, Add	*25,876.45*	
40 05 19 00-3603	EA	48" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	93,305.07	2,330.08
		For Class 52 Rating, Deduct	*-9,875.21*	
		For Class 54 Rating, Add	*13,508.56*	
		For Class 55 Rating, Add	*20,104.48*	
		For Class 56 Rating, Add	*26,610.62*	
40 05 19 00-3604	EA	48" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	95,822.68	2,332.79
		For Class 52 Rating, Deduct	*-10,151.70*	
		For Class 54 Rating, Add	*13,885.64*	
		For Class 55 Rating, Add	*20,665.08*	
		For Class 56 Rating, Add	*27,352.24*	
40 05 19 00-3605	EA	48" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	98,314.99	2,335.51
		For Class 52 Rating, Deduct	*-10,425.40*	
		For Class 54 Rating, Add	*14,258.91*	
		For Class 55 Rating, Add	*21,220.05*	
		For Class 56 Rating, Add	*28,086.41*	
40 05 19 00-3606	EA	48" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	100,807.31	2,338.23
		For Class 52 Rating, Deduct	*-10,699.10*	
		For Class 54 Rating, Add	*14,632.19*	
		For Class 55 Rating, Add	*21,775.02*	
		For Class 56 Rating, Add	*28,820.58*	
40 05 19 00-3607	EA	48" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	103,324.93	2,340.96
		For Class 52 Rating, Deduct	*-10,975.58*	
		For Class 54 Rating, Add	*15,009.27*	
		For Class 55 Rating, Add	*22,335.63*	
		For Class 56 Rating, Add	*29,562.21*	

40 05 19 00-3608 Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbows *(40 05 19 00-2059)*

40 05 19 00-3609	EA	4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	785.03	131.18
40 05 19 00-3610	EA	6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	1,152.47	167.74
40 05 19 00-3611	EA	8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	1,650.94	190.01
40 05 19 00-3612	EA	10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	2,361.94	240.89
40 05 19 00-3613	EA	12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	2,946.91	267.11
40 05 19 00-3614	EA	14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	3,619.04	290.17
40 05 19 00-3615	EA	16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	4,444.00	357.75
40 05 19 00-3616	EA	18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	5,577.16	429.29
40 05 19 00-3617	EA	20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	6,814.90	540.59
40 05 19 00-3618	EA	24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	10,163.45	612.15
40 05 19 00-3619	EA	30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	15,790.36	810.90
40 05 19 00-3620	EA	36" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	23,451.45	918.21
40 05 19 00-3621	EA	42" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	40,089.01	1,049.39
40 05 19 00-3622	EA	48" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	53,046.35	1,287.88

40 05 19 00-3623 Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 45 Degree Elbows *(40 05 19 00-2059)*

40 05 19 00-3624	EA	4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	747.26	131.18
40 05 19 00-3625	EA	6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	1,090.06	167.74
40 05 19 00-3626	EA	8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	1,496.57	190.01
40 05 19 00-3627	EA	10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	2,141.88	240.89
40 05 19 00-3628	EA	12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	2,662.80	267.11
40 05 19 00-3629	EA	14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	3,105.02	290.17
40 05 19 00-3630	EA	16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	3,816.67	357.75
40 05 19 00-3631	EA	18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	4,861.14	429.29
40 05 19 00-3632	EA	20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	6,113.66	540.59
40 05 19 00-3633	EA	24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	8,040.03	612.15
40 05 19 00-3634	EA	30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	15,414.29	810.90
40 05 19 00-3635	EA	36" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	22,948.92	918.21
40 05 19 00-3636	EA	42" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	34,738.59	1,049.39
40 05 19 00-3637	EA	48" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	46,991.41	1,287.88

40 05 19 00-3638 Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbows *(40 05 19 00-2059)*

40 05 19 00-3639	EA	4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	745.62	131.18

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3640	EA	6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	1,068.71	167.74
40 05 19 00-3641	EA	8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	1,483.43	190.01
40 05 19 00-3642	EA	10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	2,090.97	240.89
40 05 19 00-3643	EA	12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	2,776.11	267.11
40 05 19 00-3644	EA	14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	3,451.53	290.17
40 05 19 00-3645	EA	16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	3,895.49	357.75
40 05 19 00-3646	EA	18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	4,956.39	429.29
40 05 19 00-3647	EA	20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	6,522.58	540.59
40 05 19 00-3648	EA	24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	8,984.32	612.15
40 05 19 00-3649	EA	30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	15,581.80	810.90
40 05 19 00-3650	EA	36" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	23,331.57	918.21
40 05 19 00-3651	EA	42" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	35,502.24	1,049.39
40 05 19 00-3652	EA	48" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	47,989.90	1,287.88
40 05 19 00-3653		Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbows *(40 05 19 00-2059)*		
40 05 19 00-3654	EA	4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	809.66	131.18
40 05 19 00-3655	EA	6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	1,188.59	167.74
40 05 19 00-3656	EA	8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	1,532.70	190.01
40 05 19 00-3657	EA	10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	2,266.69	240.89
40 05 19 00-3658	EA	12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	3,102.92	267.11
40 05 19 00-3659	EA	14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	3,535.28	290.17
40 05 19 00-3660	EA	16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	4,248.58	357.75
40 05 19 00-3661	EA	18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	4,956.39	429.29
40 05 19 00-3662	EA	20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	6,522.58	540.59
40 05 19 00-3663	EA	24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	9,319.34	612.15
40 05 19 00-3664	EA	30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	15,746.02	810.90
40 05 19 00-3665	EA	36" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	23,499.07	918.21
40 05 19 00-3666	EA	42" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	35,677.96	1,049.39
40 05 19 00-3667	EA	48" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	48,344.62	1,287.88
40 05 19 00-3668		Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbows *(40 05 19 00-2059)*		
40 05 19 00-3669	EA	6" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,123.11	149.46
40 05 19 00-3670	EA	8" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,452.01	160.59
40 05 19 00-3671	EA	8" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,576.60	178.87
40 05 19 00-3672	EA	10" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	2,172.08	186.03
40 05 19 00-3673	EA	10" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	2,211.27	204.31
40 05 19 00-3674	EA	10" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	2,374.29	215.45
40 05 19 00-3675	EA	12" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	2,594.69	217.83
40 05 19 00-3676	EA	12" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	2,898.94	228.96
40 05 19 00-3677	EA	12" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	3,034.38	254.40
40 05 19 00-3678	EA	14" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	3,023.75	228.96
40 05 19 00-3679	EA	14" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	3,280.38	240.08
40 05 19 00-3680	EA	14" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	3,555.42	265.52
40 05 19 00-3681	EA	14" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	3,864.93	279.04
40 05 19 00-3682	EA	16" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	3,480.58	262.74
40 05 19 00-3683	EA	16" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	3,689.59	273.88
40 05 19 00-3684	EA	16" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	4,109.14	299.32
40 05 19 00-3685	EA	16" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	4,419.68	312.43
40 05 19 00-3686	EA	16" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	4,673.64	323.96
40 05 19 00-3687	EA	18" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	4,042.24	298.52
40 05 19 00-3688	EA	18" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	4,683.16	309.65
40 05 19 00-3689	EA	18" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	4,766.04	335.09
40 05 19 00-3690	EA	18" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	4,978.06	348.20
40 05 19 00-3691	EA	18" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	5,330.54	359.74
40 05 19 00-3692	EA	18" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	5,713.46	393.52
40 05 19 00-3693	EA	20" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	5,056.06	354.17
40 05 19 00-3694	EA	20" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	5,332.40	365.30
40 05 19 00-3695	EA	20" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	6,400.62	390.74
40 05 19 00-3696	EA	20" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	6,594.58	403.85
40 05 19 00-3697	EA	20" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	7,188.48	415.39
40 05 19 00-3698	EA	20" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	7,003.19	449.17
40 05 19 00-3699	EA	20" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	7,364.49	484.94
40 05 19 00-3700	EA	24" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	7,003.77	389.95
40 05 19 00-3701	EA	24" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	7,275.18	401.07
40 05 19 00-3702	EA	24" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	7,727.57	426.51
40 05 19 00-3703	EA	24" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	8,056.19	439.64
40 05 19 00-3704	EA	24" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	8,691.13	451.16
40 05 19 00-3705	EA	24" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	9,258.00	484.94
40 05 19 00-3706	EA	24" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	9,414.01	520.72
40 05 19 00-3707	EA	24" x 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	9,866.75	514.96
40 05 19 00-3708	EA	30" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	11,914.93	539.00
40 05 19 00-3709	EA	30" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	12,595.86	550.53
40 05 19 00-3710	EA	30" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	14,264.66	584.32
40 05 19 00-3711	EA	30" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	16,064.57	620.10
40 05 19 00-3712	EA	30" x 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	21,519.01	675.75
40 05 19 00-3713	EA	30" x 24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	22,998.68	711.52

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3714	EA	36" x 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	20,785.76	729.41
40 05 19 00-3715	EA	36" x 24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	22,712.13	765.18
40 05 19 00-3716	EA	36" x 30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	23,802.05	864.56
40 05 19 00-3717	EA	42" x 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	30,851.90	794.99
40 05 19 00-3718	EA	42" x 24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	31,597.48	830.76
40 05 19 00-3719	EA	42" x 30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	31,557.55	930.14
40 05 19 00-3720	EA	42" x 36" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	45,074.02	983.81
40 05 19 00-3721	EA	48" x 24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	43,111.54	959.95
40 05 19 00-3722	EA	48" x 30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	46,861.89	1,059.32
40 05 19 00-3723	EA	48" x 36" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	48,199.51	1,112.99
40 05 19 00-3724	EA	48" x 42" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	59,817.55	1,178.58
40 05 19 00-3725		**Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbows** *(40 05 19 00-2059)*		
40 05 19 00-3726	EA	4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	924.62	131.18
40 05 19 00-3727	EA	6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	1,457.92	167.74
40 05 19 00-3728	EA	8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	2,169.89	190.01
40 05 19 00-3729	EA	10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	3,031.98	240.89
40 05 19 00-3730	EA	12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	4,247.56	267.11
40 05 19 00-3731	EA	14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	4,982.10	290.17
40 05 19 00-3732	EA	16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	6,350.64	357.75
40 05 19 00-3733	EA	18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	7,774.48	429.29
40 05 19 00-3734	EA	20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	10,383.49	540.59
40 05 19 00-3735	EA	24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	15,159.14	612.15
40 05 19 00-3736	EA	30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	26,276.06	810.90
40 05 19 00-3737	EA	36" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	39,813.09	918.21
40 05 19 00-3738	EA	42" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	61,372.44	1,049.39
40 05 19 00-3739		**Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbows With Base** *(40 05 19 00-2059)*		
40 05 19 00-3740	EA	4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	970.60	131.18
40 05 19 00-3741	EA	6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	1,367.60	167.74
40 05 19 00-3742	EA	8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	2,230.65	190.01
40 05 19 00-3743	EA	10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	2,986.00	240.89
40 05 19 00-3744	EA	12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	3,996.30	267.11
40 05 19 00-3745	EA	14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	4,740.69	290.17
40 05 19 00-3746	EA	16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	5,777.50	357.75
40 05 19 00-3747	EA	18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	7,156.99	429.29
40 05 19 00-3748	EA	20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	9,248.70	540.59
40 05 19 00-3749	EA	24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	12,997.95	612.15
40 05 19 00-3750	EA	30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	20,983.12	810.90
40 05 19 00-3751	EA	36" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	29,892.32	918.21
40 05 19 00-3752	EA	42" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	52,680.07	1,049.39
40 05 19 00-3753	EA	48" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	59,101.29	1,287.88
40 05 19 00-3754		**Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tees** *(40 05 19 00-2059)*		
40 05 19 00-3755	EA	4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee	1,187.94	210.67
40 05 19 00-3756	EA	6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee	1,538.95	259.17
40 05 19 00-3757	EA	8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee	2,231.78	289.38
40 05 19 00-3758	EA	10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee	3,159.55	376.03
40 05 19 00-3759	EA	12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee	4,234.46	410.21
40 05 19 00-3760	EA	14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee	5,685.56	441.23
40 05 19 00-3761	EA	16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee	6,137.76	556.50
40 05 19 00-3762	EA	18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee	7,627.84	635.99
40 05 19 00-3763	EA	20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee	9,595.29	802.94
40 05 19 00-3764	EA	24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee	14,167.31	886.41
40 05 19 00-3765	EA	30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee	23,307.56	1,224.29
40 05 19 00-3766	EA	36" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee	32,983.69	1,403.17
40 05 19 00-3767	EA	42" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee	70,647.98	1,621.78
40 05 19 00-3768		**Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tees** *(40 05 19 00-2059)*		
40 05 19 00-3769	EA	6" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	1,586.58	235.31
40 05 19 00-3770	EA	8" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	2,063.48	240.08
40 05 19 00-3771	EA	8" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	2,027.15	270.30
40 05 19 00-3772	EA	10" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	2,754.01	265.52
40 05 19 00-3773	EA	10" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	2,679.89	295.73
40 05 19 00-3774	EA	10" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	2,792.56	314.82
40 05 19 00-3775	EA	12" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	3,521.70	279.04
40 05 19 00-3776	EA	12" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	3,475.51	309.25
40 05 19 00-3777	EA	12" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	3,625.95	328.34
40 05 19 00-3778	EA	12" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	4,180.16	389.55
40 05 19 00-3779	EA	14" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	5,054.35	290.17
40 05 19 00-3780	EA	14" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	4,929.33	320.38

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3781	EA	14" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	5,102.76	339.46
40 05 19 00-3782	EA	14" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	5,290.76	400.67
40 05 19 00-3783	EA	14" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	5,562.45	421.74
40 05 19 00-3784	EA	16" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	6,102.38	323.96
40 05 19 00-3785	EA	16" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	5,125.04	354.17
40 05 19 00-3786	EA	16" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	5,240.99	373.25
40 05 19 00-3787	EA	16" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	6,328.92	434.46
40 05 19 00-3788	EA	16" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	5,657.98	455.53
40 05 19 00-3789	EA	16" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	6,766.44	475.01
40 05 19 00-3790	EA	18" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	5,724.46	389.95
40 05 19 00-3791	EA	18" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	6,746.93	409.02
40 05 19 00-3792	EA	18" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	6,693.52	470.24
40 05 19 00-3793	EA	18" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	6,319.80	491.30
40 05 19 00-3794	EA	18" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	7,802.70	510.78
40 05 19 00-3795	EA	18" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	8,213.56	592.27
40 05 19 00-3796	EA	20" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	8,180.18	445.60
40 05 19 00-3797	EA	20" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	8,310.91	464.67
40 05 19 00-3798	EA	20" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	8,559.67	525.89
40 05 19 00-3799	EA	20" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	8,849.42	546.95
40 05 19 00-3800	EA	20" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	8,929.84	566.43
40 05 19 00-3801	EA	20" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	10,546.10	647.92
40 05 19 00-3802	EA	20" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	10,714.16	691.64
40 05 19 00-3803	EA	24" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	9,456.20	481.37
40 05 19 00-3804	EA	24" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	9,823.41	500.45
40 05 19 00-3805	EA	24" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	10,105.03	561.66
40 05 19 00-3806	EA	24" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	11,204.40	582.73
40 05 19 00-3807	EA	24" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	11,439.19	602.20
40 05 19 00-3808	EA	24" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	11,698.96	683.69
40 05 19 00-3809	EA	24" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	15,126.88	727.42
40 05 19 00-3810	EA	24" x 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	15,567.04	777.31
40 05 19 00-3811	EA	30" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	18,762.27	580.75
40 05 19 00-3812	EA	30" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	18,845.38	599.82
40 05 19 00-3813	EA	30" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	19,269.85	661.03
40 05 19 00-3814	EA	30" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	19,301.77	682.10
40 05 19 00-3815	EA	30" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	19,331.29	701.58
40 05 19 00-3816	EA	30" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	19,454.74	783.07
40 05 19 00-3817	EA	30" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	20,067.85	826.79
40 05 19 00-3818	EA	30" x 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	21,036.26	938.09
40 05 19 00-3819	EA	30" x 24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	25,657.54	985.79
40 05 19 00-3820	EA	36" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	26,950.54	831.16
40 05 19 00-3821	EA	36" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	27,193.48	846.27
40 05 19 00-3822	EA	36" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	27,313.33	889.59
40 05 19 00-3823	EA	36" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	27,505.09	906.69
40 05 19 00-3824	EA	36" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	27,584.42	922.20
40 05 19 00-3825	EA	36" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	27,780.14	979.83
40 05 19 00-3826	EA	36" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	27,897.85	1,019.58
40 05 19 00-3827	EA	36" x 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	28,242.73	1,103.05
40 05 19 00-3828	EA	36" x 24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	28,805.21	1,144.79
40 05 19 00-3829	EA	36" x 30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	37,269.10	1,313.72
40 05 19 00-3830	EA	42" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	41,005.65	801.35
40 05 19 00-3831	EA	42" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	41,095.92	820.83
40 05 19 00-3832	EA	42" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	41,334.34	902.32
40 05 19 00-3833	EA	42" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	41,459.72	946.04
40 05 19 00-3834	EA	42" x 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	41,863.19	1,057.34
40 05 19 00-3835	EA	42" x 24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	42,406.79	1,105.04
40 05 19 00-3836	EA	42" x 30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	53,115.90	1,343.53
40 05 19 00-3837	EA	42" x 36" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	67,827.94	1,468.75
40 05 19 00-3838	EA	48" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	55,093.09	930.54
40 05 19 00-3839	EA	48" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	55,122.60	950.02
40 05 19 00-3840	EA	48" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	55,420.14	1,031.50
40 05 19 00-3841	EA	48" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	55,486.39	1,075.23
40 05 19 00-3842	EA	48" x 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	55,889.86	1,186.53
40 05 19 00-3843	EA	48" x 24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	56,375.99	1,234.23
40 05 19 00-3844	EA	48" x 30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	57,560.11	1,472.72

40 05 19 00-3845 Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tees With Base *(40 05 19 00-2059)*

40 05 19 00-3846	EA	4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee With Base	1,283.19	210.67
40 05 19 00-3847	EA	6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee With Base	1,816.49	259.17
40 05 19 00-3848	EA	8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee With Base	2,701.46	289.38
40 05 19 00-3849	EA	10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee With Base	4,049.65	376.03
40 05 19 00-3850	EA	12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee With Base	5,469.42	410.21
40 05 19 00-3851	EA	14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee With Base	6,166.74	441.23
40 05 19 00-3852	EA	16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee With Base	7,556.66	556.50
40 05 19 00-3853	EA	18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee With Base	9,137.06	635.99
40 05 19 00-3854	EA	20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee With Base	12,014.31	802.94
40 05 19 00-3855	EA	24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee With Base	17,323.70	886.41
40 05 19 00-3856	EA	30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee With Base	28,720.38	1,224.29
40 05 19 00-3857	EA	36" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee With Base	40,932.13	1,403.17

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3858		**Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Wyes** *(40 05 19 00-2059)*		
40 05 19 00-3859	EA	4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Wye	1,045.07	210.67
40 05 19 00-3860	EA	6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Wye	1,527.46	259.17
40 05 19 00-3861	EA	8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Wye	2,269.55	289.38
40 05 19 00-3862	EA	10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Wye	2,992.04	376.03
40 05 19 00-3863	EA	12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Wye	4,539.91	410.21
40 05 19 00-3864	EA	14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Wye	6,089.55	441.23
40 05 19 00-3865		**Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Crosses** *(40 05 19 00-2059)*		
40 05 19 00-3866	EA	4" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	1,341.25	290.17
40 05 19 00-3867	EA	6" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	1,896.94	314.42
40 05 19 00-3868	EA	6" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	1,968.16	350.59
40 05 19 00-3869	EA	8" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	2,458.19	319.58
40 05 19 00-3870	EA	8" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	2,620.58	361.72
40 05 19 00-3871	EA	8" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	2,676.31	388.75
40 05 19 00-3872	EA	10" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	3,237.39	345.02
40 05 19 00-3873	EA	10" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	3,493.37	387.16
40 05 19 00-3874	EA	10" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	3,774.09	414.19
40 05 19 00-3875	EA	10" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	4,540.17	511.18
40 05 19 00-3876	EA	12" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	4,242.61	358.15
40 05 19 00-3877	EA	12" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	4,401.70	400.28
40 05 19 00-3878	EA	12" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	4,682.42	427.31
40 05 19 00-3879	EA	12" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	5,497.77	524.30
40 05 19 00-3880	EA	12" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	5,150.88	553.32
40 05 19 00-3881	EA	14" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	5,307.62	411.81
40 05 19 00-3882	EA	14" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	5,588.34	438.84
40 05 19 00-3883	EA	14" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	6,067.02	535.83
40 05 19 00-3884	EA	14" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	6,544.54	564.84
40 05 19 00-3885	EA	14" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	6,822.58	592.27
40 05 19 00-3886	EA	16" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	6,339.23	445.60
40 05 19 00-3887	EA	16" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	6,665.93	472.63
40 05 19 00-3888	EA	16" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	7,146.26	569.61
40 05 19 00-3889	EA	16" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	7,669.75	598.63
40 05 19 00-3890	EA	16" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	10,534.32	626.06
40 05 19 00-3891	EA	16" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	8,481.84	755.25
40 05 19 00-3892	EA	18" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	6,661.11	481.37
40 05 19 00-3893	EA	18" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	6,987.82	508.40
40 05 19 00-3894	EA	18" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	7,372.91	605.38
40 05 19 00-3895	EA	18" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	7,896.40	634.40
40 05 19 00-3896	EA	18" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	8,987.34	661.83
40 05 19 00-3897	EA	18" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	9,614.99	791.02
40 05 19 00-3898	EA	18" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	9,977.40	842.69
40 05 19 00-3899	EA	20" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	8,576.54	537.02
40 05 19 00-3900	EA	20" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	8,926.23	564.05
40 05 19 00-3901	EA	20" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	9,278.46	661.03
40 05 19 00-3902	EA	20" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	9,836.44	690.05
40 05 19 00-3903	EA	20" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	9,983.10	717.48
40 05 19 00-3904	EA	20" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	11,927.82	846.67
40 05 19 00-3905	EA	20" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	12,313.22	898.34
40 05 19 00-3906	EA	20" x 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	13,287.11	1,065.29
40 05 19 00-3907	EA	24" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	11,343.72	572.79
40 05 19 00-3908	EA	24" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	11,593.24	599.82
40 05 19 00-3909	EA	24" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	12,098.20	696.81
40 05 19 00-3910	EA	24" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	12,450.90	725.83
40 05 19 00-3911	EA	24" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	12,646.82	753.26
40 05 19 00-3912	EA	24" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	13,202.22	882.44
40 05 19 00-3913	EA	24" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	16,934.49	934.12
40 05 19 00-3914	EA	24" x 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	17,761.15	1,039.66
40 05 19 00-3915	EA	24" x 24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	19,384.78	1,160.69
40 05 19 00-3916	EA	30" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	20,344.63	825.20
40 05 19 00-3917	EA	30" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	20,440.39	852.63
40 05 19 00-3918	EA	30" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	21,020.40	981.82
40 05 19 00-3919	EA	30" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	21,212.02	1,033.49
40 05 19 00-3920	EA	30" x 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	22,069.30	1,200.43
40 05 19 00-3921	EA	30" x 24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	28,498.70	1,260.06
40 05 19 00-3922	EA	30" x 30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	31,880.72	1,637.69
40 05 19 00-3923	EA	36" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	28,490.48	1,049.79
40 05 19 00-3924	EA	36" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	28,526.01	1,073.24
40 05 19 00-3925	EA	36" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	29,020.63	1,178.58
40 05 19 00-3926	EA	36" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	29,201.30	1,226.27
40 05 19 00-3927	EA	36" x 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	29,908.04	1,365.40
40 05 19 00-3928	EA	36" x 24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	30,871.23	1,419.06
40 05 19 00-3929	EA	36" x 30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	41,202.92	1,727.12
40 05 19 00-3930	EA	36" x 36" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	44,976.01	1,888.11
40 05 19 00-3931	EA	42" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	42,454.95	1,101.07

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3932	EA	42" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	42,594.01	1,152.74
40 05 19 00-3933	EA	42" x 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	43,408.61	1,319.69
40 05 19 00-3934	EA	42" x 24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	44,435.03	1,379.32
40 05 19 00-3935	EA	42" x 30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	57,228.73	1,756.93
40 05 19 00-3936	EA	42" x 42" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	77,910.33	1,953.69
40 05 19 00-3937	EA	48" x 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	57,821.21	1,448.87
40 05 19 00-3938	EA	48" x 24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	58,847.64	1,508.50
40 05 19 00-3939	EA	48" x 30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	61,104.73	1,886.12
40 05 19 00-3940		**Flanged End x Flanged End, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducers** *(40 05 19 00-2059)*		
40 05 19 00-3941	EA	6" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	960.53	149.46
40 05 19 00-3942	EA	8" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,281.22	160.59
40 05 19 00-3943	EA	8" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,361.47	178.87
40 05 19 00-3944	EA	10" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,710.61	186.03
40 05 19 00-3945	EA	10" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,702.18	204.31
40 05 19 00-3946	EA	10" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,912.82	215.45
40 05 19 00-3947	EA	12" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,185.99	199.54
40 05 19 00-3948	EA	12" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,218.62	217.83
40 05 19 00-3949	EA	12" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,375.07	228.96
40 05 19 00-3950	EA	12" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,581.12	254.40
40 05 19 00-3951	EA	14" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,690.38	228.96
40 05 19 00-3952	EA	14" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,899.38	240.08
40 05 19 00-3953	EA	14" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	3,102.16	265.52
40 05 19 00-3954	EA	14" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	3,010.96	279.04
40 05 19 00-3955	EA	16" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	3,196.48	262.74
40 05 19 00-3956	EA	16" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	3,045.83	273.88
40 05 19 00-3957	EA	16" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	3,289.66	299.32
40 05 19 00-3958	EA	16" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	3,683.96	312.43
40 05 19 00-3959	EA	16" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	4,146.48	323.96
40 05 19 00-3960	EA	18" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	3,868.61	309.65
40 05 19 00-3961	EA	18" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	4,146.91	335.09
40 05 19 00-3962	EA	18" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	4,106.03	348.20
40 05 19 00-3963	EA	18" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	4,612.88	359.74
40 05 19 00-3964	EA	18" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	4,563.89	393.52
40 05 19 00-3965	EA	20" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	4,714.92	365.30
40 05 19 00-3966	EA	20" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	5,009.65	390.74
40 05 19 00-3967	EA	20" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	4,888.29	403.85
40 05 19 00-3968	EA	20" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	5,511.75	415.39
40 05 19 00-3969	EA	20" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	5,180.31	449.17
40 05 19 00-3970	EA	20" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	6,185.36	484.94
40 05 19 00-3971	EA	24" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	6,837.47	426.51
40 05 19 00-3972	EA	24" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	7,391.08	439.64
40 05 19 00-3973	EA	24" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	7,546.49	451.16
40 05 19 00-3974	EA	24" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	6,743.73	484.94
40 05 19 00-3975	EA	24" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	7,921.22	520.72
40 05 19 00-3976	EA	24" x 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	8,323.05	514.96
40 05 19 00-3977	EA	30" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	11,323.41	584.32
40 05 19 00-3978	EA	30" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	11,710.99	620.10
40 05 19 00-3979	EA	30" x 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	12,457.12	675.75
40 05 19 00-3980	EA	30" x 24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	13,611.64	711.52
40 05 19 00-3981	EA	36" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	16,055.53	637.99
40 05 19 00-3982	EA	36" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	16,283.83	673.76
40 05 19 00-3983	EA	36" x 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	17,291.08	729.41
40 05 19 00-3984	EA	36" x 24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	18,194.33	765.18
40 05 19 00-3985	EA	36" x 30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	20,663.73	864.56
40 05 19 00-3986	EA	42" x 24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	25,233.80	830.76
40 05 19 00-3987	EA	42" x 30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	28,207.38	930.14
40 05 19 00-3988	EA	42" x 36" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	31,638.85	983.81
40 05 19 00-3989	EA	48" x 24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	33,433.82	959.95
40 05 19 00-3990	EA	48" x 30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	35,413.83	1,059.32
40 05 19 00-3991	EA	48" x 36" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	39,316.64	1,112.99
40 05 19 00-3992	EA	48" x 42" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	43,767.94	1,178.58
40 05 19 00-3993		**Flanged End x Flanged End, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducers** *(40 05 19 00-2059)*		
40 05 19 00-3994	EA	6" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	1,027.86	149.46
40 05 19 00-3995	EA	8" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	1,358.40	160.59
40 05 19 00-3996	EA	8" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	1,479.71	178.87
40 05 19 00-3997	EA	10" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	1,710.61	186.03
40 05 19 00-3998	EA	10" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	1,784.29	204.31
40 05 19 00-3999	EA	10" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	1,991.65	215.45
40 05 19 00-4000	EA	12" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	2,185.99	199.54
40 05 19 00-4001	EA	12" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	2,310.58	217.83
40 05 19 00-4002	EA	12" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	2,470.32	228.96
40 05 19 00-4003	EA	12" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	2,746.99	254.40
40 05 19 00-4004	EA	14" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	2,690.38	228.96
40 05 19 00-4005	EA	14" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	2,850.11	240.08

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-4006	EA	14" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	3,079.17	265.52
40 05 19 00-4007	EA	14" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	3,434.66	279.04
40 05 19 00-4008	EA	16" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	3,196.48	262.74
40 05 19 00-4009	EA	16" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	3,402.19	273.88
40 05 19 00-4010	EA	16" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	3,682.15	299.32
40 05 19 00-4011	EA	16" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	3,987.77	312.43
40 05 19 00-4012	EA	16" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	4,146.48	323.96
40 05 19 00-4013	EA	18" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	3,868.61	309.65
40 05 19 00-4014	EA	18" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	4,146.91	335.09
40 05 19 00-4015	EA	18" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	4,450.90	348.20
40 05 19 00-4016	EA	18" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	4,612.88	359.74
40 05 19 00-4017	EA	18" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	4,949.82	393.52
40 05 19 00-4018	EA	20" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	4,971.11	365.30
40 05 19 00-4019	EA	20" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	5,190.29	390.74
40 05 19 00-4020	EA	20" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	5,390.82	403.85
40 05 19 00-4021	EA	20" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	5,511.75	415.39
40 05 19 00-4022	EA	20" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	5,920.96	449.17
40 05 19 00-4023	EA	20" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	6,180.44	484.94
40 05 19 00-4024	EA	24" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	7,025.56	401.07
40 05 19 00-4025	EA	24" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	6,955.72	426.51
40 05 19 00-4026	EA	24" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	7,079.06	439.64
40 05 19 00-4027	EA	24" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	7,198.34	451.16
40 05 19 00-4028	EA	24" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	7,609.19	484.94
40 05 19 00-4029	EA	24" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	7,921.22	520.72
40 05 19 00-4030	EA	24" x 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	8,323.05	514.96
40 05 19 00-4031	EA	30" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	13,993.41	550.53
40 05 19 00-4032	EA	30" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	13,034.62	584.32
40 05 19 00-4033	EA	30" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	11,765.19	620.10
40 05 19 00-4034	EA	30" x 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	12,457.12	675.75
40 05 19 00-4035	EA	30" x 24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	13,611.64	711.52
40 05 19 00-4036	EA	36" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	15,096.46	637.99
40 05 19 00-4037	EA	36" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	15,718.90	673.76
40 05 19 00-4038	EA	36" x 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	16,629.25	729.41
40 05 19 00-4039	EA	36" x 24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	18,136.85	765.18
40 05 19 00-4040	EA	36" x 30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	20,954.40	864.56
40 05 19 00-4041	EA	42" x 24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	25,233.80	830.76
40 05 19 00-4042	EA	42" x 30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	28,207.38	930.14
40 05 19 00-4043	EA	42" x 36" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	31,638.85	983.81
40 05 19 00-4044	EA	48" x 30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	35,413.83	1,059.32
40 05 19 00-4045	EA	48" x 36" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	39,316.64	1,112.99
40 05 19 00-4046	EA	48" x 42" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	43,767.94	1,178.58

40 05 19 00-4047 Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Blind Flanges *(40 05 19 00-2059)*

40 05 19 00-4048	EA	4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Blind Flange	477.36	51.68
40 05 19 00-4049	EA	6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Blind Flange	726.55	76.32
40 05 19 00-4050	EA	8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Blind Flange	971.58	90.63
40 05 19 00-4051	EA	10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Blind Flange	1,416.52	105.74
40 05 19 00-4052	EA	12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Blind Flange	1,879.42	124.02
40 05 19 00-4053	EA	14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Blind Flange	2,593.69	139.12
40 05 19 00-4054	EA	16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Blind Flange	3,134.54	159.00
40 05 19 00-4055	EA	18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Blind Flange	4,217.88	222.60
40 05 19 00-4056	EA	20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Blind Flange	5,665.25	278.25
40 05 19 00-4057	EA	24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Blind Flange	8,314.21	337.87
40 05 19 00-4058	EA	30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Blind Flange	12,064.00	393.52
40 05 19 00-4059	EA	36" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Blind Flange	22,662.49	433.27
40 05 19 00-4060	EA	42" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Blind Flange	32,513.20	477.00
40 05 19 00-4061	EA	48" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Blind Flange	43,356.94	536.62

40 05 19 00-4062 Ductile Iron Bolt Packs *(40 05 19)*

Note: Labor installation is included with pipe fittings or valves.

40 05 19 00-4063	EA	4" Pipe Diameter, Ductile Iron Flange Bolt Pack	44.25
		Note: Includes eight (8) 5/8" diameter plain finish bolts with washers and nut.	
		For Zinc Plated, Add	*12.39*
		For Hot Dip Galvanized, Add	*17.70*
40 05 19 00-4064	EA	6" Pipe Diameter, Ductile Iron Flange Bolt Pack	68.28
		Note: Includes eight (8) 3/4" diameter plain finish bolts with washers and nut.	
		For Zinc Plated, Add	*19.12*
		For Hot Dip Galvanized, Add	*27.31*
40 05 19 00-4065	EA	8" Pipe Diameter, Ductile Iron Flange Bolt Pack	74.14
		Note: Includes eight (8) 3/4" diameter plain finish bolts with washers and nut.	
		For Zinc Plated, Add	*20.76*
		For Hot Dip Galvanized, Add	*29.66*
40 05 19 00-4066	EA	10" Pipe Diameter, Ductile Iron Flange Bolt Pack	166.53
		Note: Includes twelve (12) 7/8" diameter plain finish bolts with washers and nut.	
		For Zinc Plated, Add	*46.63*
		For Hot Dip Galvanized, Add	*66.61*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-4067	EA	12" Pipe Diameter, Ductile Iron Flange Bolt Pack Note: Includes twelve (12) 7/8" diameter plain finish bolts with washers and nut.	168.00	
		For Zinc Plated, Add	*47.04*	
		For Hot Dip Galvanized, Add	*67.20*	
40 05 19 00-4068	EA	14" Pipe Diameter, Ductile Iron Flange Bolt Pack Note: Includes twelve (12) 1" diameter plain finish bolts with washers and nut.	188.22	
		For Zinc Plated, Add	*52.70*	
		For Hot Dip Galvanized, Add	*75.29*	
40 05 19 00-4069	EA	16" Pipe Diameter, Ductile Iron Flange Bolt Pack Note: Includes sixteen (16) 1" diameter plain finish bolts with washers and nut.	316.42	
		For Zinc Plated, Add	*88.60*	
		For Hot Dip Galvanized, Add	*126.57*	
40 05 19 00-4070	EA	18" Pipe Diameter, Ductile Iron Flange Bolt Pack Note: Includes sixteen (16) 1-1/8" diameter plain finish bolts with washers and nut.	459.67	
		For Zinc Plated, Add	*128.71*	
		For Hot Dip Galvanized, Add	*183.87*	
40 05 19 00-4071	EA	20" Pipe Diameter, Ductile Iron Flange Bolt Pack Note: Includes twenty (20) 1-1/8" diameter plain finish bolts with washers and nut.	580.39	
		For Zinc Plated, Add	*162.51*	
		For Hot Dip Galvanized, Add	*232.16*	
40 05 19 00-4072	EA	24" Pipe Diameter, Ductile Iron Flange Bolt Pack Note: Includes twenty (20) 1-1/4" diameter plain finish bolts with washers and nut.	830.44	
		For Zinc Plated, Add	*232.52*	
		For Hot Dip Galvanized, Add	*332.18*	
40 05 19 00-4073	EA	30" Pipe Diameter, Ductile Iron Flange Bolt Pack Note: Includes twenty-eight (28) 1-1/4" diameter plain finish bolts with washers and nut.	1,312.22	
		For Zinc Plated, Add	*367.42*	
		For Hot Dip Galvanized, Add	*524.89*	
40 05 19 00-4074	EA	36" Pipe Diameter, Ductile Iron Flange Bolt Pack Note: Includes thirty-two (32) 1-1/2" diameter plain finish bolts with washers and nut.	1,871.92	
		For Zinc Plated, Add	*524.14*	
		For Hot Dip Galvanized, Add	*748.77*	
40 05 19 00-4075	EA	42" Pipe Diameter, Ductile Iron Flange Bolt Pack Note: Includes thirty-six (36) 1-1/2" diameter plain finish bolts with washers and nut.	2,408.16	
		For Zinc Plated, Add	*674.28*	
		For Hot Dip Galvanized, Add	*963.26*	
40 05 19 00-4076	EA	48" Pipe Diameter, Ductile Iron Flange Bolt Pack Note: Includes forty-four (44) 1-1/2" diameter plain finish bolts with washers and nut.	2,943.31	
		For Zinc Plated, Add	*824.13*	
		For Hot Dip Galvanized, Add	*1,177.32*	

40 05 19 00-4077 Full Face Flange Gaskets, ANSI/AWWA C115/A21.15 *(40 05 19)*

Note: Labor installation is included with pipe fittings or valves.

40 05 19 00-4078 Full Face Flange Styrene Butadiene (SBR) Gaskets *(40 05 19 00-4077)*

40 05 19 00-4079	EA	4" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick	8.44
40 05 19 00-4080	EA	6" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick	10.74
40 05 19 00-4081	EA	8" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick	14.57
40 05 19 00-4082	EA	10" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick	16.87
40 05 19 00-4083	EA	12" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick	18.40
40 05 19 00-4084	EA	14" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick	30.67
40 05 19 00-4085	EA	16" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick	37.58
40 05 19 00-4086	EA	18" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick	39.88
40 05 19 00-4087	EA	20" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick	61.35
40 05 19 00-4088	EA	24" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick	65.95
40 05 19 00-4089	EA	30" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick	85.12
40 05 19 00-4090	EA	36" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick	97.39
40 05 19 00-4091	EA	42" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick	104.29
40 05 19 00-4092	EA	48" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick	114.26

40 05 19 00-4093 Full Face Flange Nitrile Buna-N (NBR) Gaskets *(40 05 19 00-4077)*

Note: (Acrylonitrile Butadiene)

40 05 19 00-4094	EA	4" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick	26.07
40 05 19 00-4095	EA	6" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick	36.81
40 05 19 00-4096	EA	8" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick	56.75
40 05 19 00-4097	EA	10" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick	62.11
40 05 19 00-4098	EA	12" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick	66.72
40 05 19 00-4099	EA	14" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick	125.76
40 05 19 00-4100	EA	16" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick	154.90
40 05 19 00-4101	EA	18" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick	155.67
40 05 19 00-4102	EA	20" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick	161.81
40 05 19 00-4103	EA	24" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick	171.01
40 05 19 00-4104	EA	30" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick	189.41
40 05 19 00-4105	EA	36" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick	208.58
40 05 19 00-4106	EA	42" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick	296.77
40 05 19 00-4107	EA	48" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick	324.38

40 05 19 00-4108 Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gaskets *(40 05 19 00-4077)*

40 05 19 00-4109	EA	4" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick	23.01
40 05 19 00-4110	EA	6" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick	29.91

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-4111	EA	8" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick	40.64	
40 05 19 00-4112	EA	10" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick	47.54	
40 05 19 00-4113	EA	12" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick	52.91	
40 05 19 00-4114	EA	14" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick	87.42	
40 05 19 00-4115	EA	16" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick	105.06	
40 05 19 00-4116	EA	18" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick	105.83	
40 05 19 00-4117	EA	20" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick	108.13	
40 05 19 00-4118	EA	24" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick	125.76	
40 05 19 00-4119	EA	30" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick	154.14	
40 05 19 00-4120	EA	36" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick	175.61	
40 05 19 00-4121	EA	42" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick	251.53	
40 05 19 00-4122	EA	48" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick	277.60	

40 05 19 00-4123 Full Face Flange Neoprene Gaskets *(40 05 19 00-4077)*

Note: (Polychloroprene)

40 05 19 00-4124	EA	4" Full Face Flange Neoprene Gasket, 1/8" Thick	26.84	
40 05 19 00-4125	EA	6" Full Face Flange Neoprene Gasket, 1/8" Thick	37.58	
40 05 19 00-4126	EA	8" Full Face Flange Neoprene Gasket, 1/8" Thick	57.51	
40 05 19 00-4127	EA	10" Full Face Flange Neoprene Gasket, 1/8" Thick	62.11	
40 05 19 00-4128	EA	12" Full Face Flange Neoprene Gasket, 1/8" Thick	66.72	
40 05 19 00-4129	EA	14" Full Face Flange Neoprene Gasket, 1/8" Thick	88.95	
40 05 19 00-4130	EA	16" Full Face Flange Neoprene Gasket, 1/8" Thick	156.44	
40 05 19 00-4131	EA	18" Full Face Flange Neoprene Gasket, 1/8" Thick	157.20	
40 05 19 00-4132	EA	20" Full Face Flange Neoprene Gasket, 1/8" Thick	166.41	
40 05 19 00-4133	EA	24" Full Face Flange Neoprene Gasket, 1/8" Thick	168.71	
40 05 19 00-4134	EA	30" Full Face Flange Neoprene Gasket, 1/8" Thick	183.28	
40 05 19 00-4135	EA	36" Full Face Flange Neoprene Gasket, 1/8" Thick	206.28	
40 05 19 00-4136	EA	42" Full Face Flange Neoprene Gasket, 1/8" Thick	299.07	
40 05 19 00-4137	EA	48" Full Face Flange Neoprene Gasket, 1/8" Thick	327.44	

40 05 19 00-4138 Full Face Flange FKM Gaskets *(40 05 19 00-4077)*

Note: (Fluoroelastomer Fluorel Viton®)

40 05 19 00-4139	EA	4" Full Face Flange FKM Gasket, 1/8" Thick	126.38	
40 05 19 00-4140	EA	6" Full Face Flange FKM Gasket, 1/8" Thick	188.17	
40 05 19 00-4141	EA	8" Full Face Flange FKM Gasket, 1/8" Thick	251.36	
40 05 19 00-4142	EA	10" Full Face Flange FKM Gasket, 1/8" Thick	303.32	
40 05 19 00-4143	EA	12" Full Face Flange FKM Gasket, 1/8" Thick	394.59	
40 05 19 00-4144	EA	14" Full Face Flange FKM Gasket, 1/8" Thick	721.78	
40 05 19 00-4145	EA	16" Full Face Flange FKM Gasket, 1/8" Thick	827.10	
40 05 19 00-4146	EA	18" Full Face Flange FKM Gasket, 1/8" Thick	866.42	
40 05 19 00-4147	EA	20" Full Face Flange FKM Gasket, 1/8" Thick	924.00	
40 05 19 00-4148	EA	24" Full Face Flange FKM Gasket, 1/8" Thick	1,277.87	
40 05 19 00-4149	EA	30" Full Face Flange FKM Gasket, 1/8" Thick	1,532.04	
40 05 19 00-4150	EA	36" Full Face Flange FKM Gasket, 1/8" Thick	1,616.29	
40 05 19 00-4151	EA	42" Full Face Flange FKM Gasket, 1/8" Thick	2,015.10	
40 05 19 00-4152	EA	48" Full Face Flange FKM Gasket, 1/8" Thick	2,111.99	

40 05 19 00-4153 Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100) *(40 05 19)*

40 05 19 00-4154	EA	4" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100)	406.06	79.53
40 05 19 00-4155	EA	6" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100)	562.13	97.09
40 05 19 00-4156	EA	8" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100)	830.07	118.41
40 05 19 00-4157	EA	10" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100)	1,138.60	144.45
40 05 19 00-4158	EA	12" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100)	1,444.94	176.14
40 05 19 00-4159	EA	14" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100)	2,315.99	214.91
40 05 19 00-4160	EA	16" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100)	3,636.15	262.27
40 05 19 00-4161	EA	18" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100)	3,758.42	319.88
40 05 19 00-4162	EA	20" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100)	4,604.49	390.35
40 05 19 00-4163	EA	24" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100)	5,133.69	476.12
40 05 19 00-4164	EA	30" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100)	6,613.60	580.98
40 05 19 00-4165	EA	36" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100)	9,819.55	708.70
40 05 19 00-4166	EA	42" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100)	25,519.94	864.70
40 05 19 00-4167	EA	48" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100)	32,593.13	1,054.86

40 05 23 Stainless Steel Process Pipe and Tubing *(40 05)*

40 05 23 23 300- and 400-Series Stainless Steel Process Pipe *(40 05 23)*

40 05 23 23-0001 Schedule 40 Pipe, Type 304, With 150 LB Screwed Fittings Assembly *(40 05 23 23)*

Note: Includes hangers and fittings. Fittings are assumed every 10'. Not for use where detail is available.

40 05 23 23-0002	LF	1/2" Stainless Steel Pipe, Schedule 40 Type 304 With 150 LB Screwed Fitting Assembly	39.20	9.43
		Note: Includes all fittings and hangers. Fittings are assumed every 10'. Not for use where detail is available.		
		For Type 316, Add	*5.27*	
		For Work In Restricted Working Space, Add	*5.69*	
40 05 23 23-0003	LF	3/4" Stainless Steel Pipe, Schedule 40 Type 304 With 150 LB Screwed Fitting Assembly	43.74	10.81
		Note: Includes all fittings and hangers. Fittings are assumed every 10'. Not for use where detail is available.		
		For Type 316, Add	*5.52*	
		For Work In Restricted Working Space, Add	*6.76*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0004	LF	1" Stainless Steel Pipe, Schedule 40 Type 304 With 150 LB Screwed Fitting Assembly	51.00	12.19
		Note: Includes all fittings and hangers. Fittings are assumed every 10'. Not for use where detail is available.		
		For Type 316, Add	*6.47*	
		For Work In Restricted Working Space, Add	*7.84*	
40 05 23 23-0005	LF	1-1/4" Stainless Steel Pipe, Schedule 40 Type 304 With 150 LB Screwed Fitting Assembly	59.53	14.73
		Note: Includes all fittings and hangers. Fittings are assumed every 10'. Not for use where detail is available.		
		For Type 316, Add	*8.16*	
		For Work In Restricted Working Space, Add	*8.44*	
40 05 23 23-0006	LF	1-1/2" Stainless Steel Pipe, Schedule 40 Type 304 With 150 LB Screwed Fitting Assembly	66.12	15.15
		Note: Includes all fittings and hangers. Fittings are assumed every 10'. Not for use where detail is available.		
		For Type 316, Add	*9.35*	
		For Work In Restricted Working Space, Add	*9.05*	
40 05 23 23-0007	LF	2" Stainless Steel Pipe, Schedule 40 Type 304 With 150 LB Screwed Fitting Assembly	80.19	20.03
		Note: Includes all fittings and hangers. Fittings are assumed every 10'. Not for use where detail is available.		
		For Type 316, Add	*11.40*	
		For Work In Restricted Working Space, Add	*10.90*	
40 05 23 23-0008	LF	2-1/2" Stainless Steel Pipe, Schedule 40 Type 304 With 150 LB Screwed Fitting Assembly	120.42	24.69
		Note: Includes all fittings and hangers. Fittings are assumed every 10'. Not for use where detail is available.		
		For Type 316, Add	*19.61*	
		For Work In Restricted Working Space, Add	*13.50*	
40 05 23 23-0009	LF	3" Stainless Steel Pipe, Schedule 40 Type 304 With 150 LB Screwed Fitting Assembly	153.27	28.61
		Note: Includes all fittings and hangers. Fittings are assumed every 10'. Not for use where detail is available.		
		For Type 316, Add	*25.53*	
		For Work In Restricted Working Space, Add	*16.52*	
40 05 23 23-0010	LF	4" Stainless Steel Pipe, Schedule 40 Type 304 With 150 LB Screwed Fitting Assembly	211.29	28.61
		Note: Includes all fittings and hangers. Fittings are assumed every 10'. Not for use where detail is available.		
		For Work In Restricted Working Space, Add	*20.96*	

40 05 23 23-0011 Stainless Steel Tubing And Fittings *(40 05 23 23)*

40 05 23 23-0012 Type 304 Tubing *(40 05 23 23-0011)*

40 05 23 23-0013 0.035" Wall *(40 05 23 23-0012)*

40 05 23 23-0014	LF	1/4", 0.035" Wall, Type 304, Stainless Steel Tubing	8.68	3.11
		For Work In Restricted Working Space, Add	*1.85*	
40 05 23 23-0015	LF	3/8", 0.035" Wall, Type 304, Stainless Steel Tubing	10.03	3.69
		For Work In Restricted Working Space, Add	*2.22*	
40 05 23 23-0016	LF	1/2", 0.035" Wall, Type 304, Stainless Steel Tubing	12.00	4.38
		For Work In Restricted Working Space, Add	*2.60*	
40 05 23 23-0017	LF	5/8", 0.035" Wall, Type 304, Stainless Steel Tubing	20.08	4.96
		For Work In Restricted Working Space, Add	*2.97*	
40 05 23 23-0018	LF	3/4", 0.035" Wall, Type 304, Stainless Steel Tubing	23.88	5.53
		For Work In Restricted Working Space, Add	*3.34*	
40 05 23 23-0019	LF	7/8", 0.035" Wall, Type 304, Stainless Steel Tubing	26.43	6.23
		For Work In Restricted Working Space, Add	*3.72*	
40 05 23 23-0020	LF	1", 0.035" Wall, Type 304, Stainless Steel Tubing	29.41	7.49
		For Work In Restricted Working Space, Add	*4.46*	

40 05 23 23-0021 0.049" Wall *(40 05 23 23-0012)*

40 05 23 23-0022	LF	1/4", 0.049" Wall, Type 304, Stainless Steel Tubing	14.82	3.69
		For Work In Restricted Working Space, Add	*2.22*	
40 05 23 23-0023	LF	3/8", 0.049" Wall, Type 304, Stainless Steel Tubing	16.46	4.38
		For Work In Restricted Working Space, Add	*2.60*	
40 05 23 23-0024	LF	1/2", 0.049" Wall, Type 304, Stainless Steel Tubing	19.86	4.96
		For Work In Restricted Working Space, Add	*2.97*	
40 05 23 23-0025	LF	5/8", 0.049" Wall, Type 304, Stainless Steel Tubing	25.14	6.23
		For Work In Restricted Working Space, Add	*3.72*	
40 05 23 23-0026	LF	3/4", 0.049" Wall, Type 304, Stainless Steel Tubing	28.68	7.49
		For Work In Restricted Working Space, Add	*4.46*	
40 05 23 23-0027	LF	7/8", 0.049" Wall, Type 304, Stainless Steel Tubing	32.15	8.64
		For Work In Restricted Working Space, Add	*5.20*	
40 05 23 23-0028	LF	1", 0.049" Wall, Type 304, Stainless Steel Tubing	37.13	9.79
		For Work In Restricted Working Space, Add	*5.91*	

40 05 23 23-0029 0.065" Wall *(40 05 23 23-0012)*

40 05 23 23-0030	LF	1/4", 0.065" Wall, Type 304, Stainless Steel Tubing	17.29	4.38
		For Work In Restricted Working Space, Add	*2.60*	
40 05 23 23-0031	LF	3/8", 0.065" Wall, Type 304, Stainless Steel Tubing	19.92	4.96
		For Work In Restricted Working Space, Add	*2.97*	
40 05 23 23-0032	LF	1/2", 0.065" Wall, Type 304, Stainless Steel Tubing	24.53	6.23
		For Work In Restricted Working Space, Add	*3.72*	
40 05 23 23-0033	LF	5/8", 0.065" Wall, Type 304, Stainless Steel Tubing	28.79	7.49
		For Work In Restricted Working Space, Add	*4.46*	
40 05 23 23-0034	LF	3/4", 0.065" Wall, Type 304, Stainless Steel Tubing	33.98	8.64
		For Work In Restricted Working Space, Add	*5.20*	
40 05 23 23-0035	LF	7/8", 0.065" Wall, Type 304, Stainless Steel Tubing	39.08	9.79
		For Work In Restricted Working Space, Add	*5.91*	
40 05 23 23-0036	LF	1", 0.065" Wall, Type 304, Stainless Steel Tubing	44.05	11.06
		For Work In Restricted Working Space, Add	*6.65*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0037		Type 304 Tube Fittings *(40 05 23 23-0011)*		
40 05 23 23-0038		90 Degree Elbows *(40 05 23 23-0037)*		
40 05 23 23-0039	EA	1/4", Type 304, Stainless Steel, 90 Degree Elbow	56.28	12.45
		For Work In Restricted Working Space, Add	*7.43*	
40 05 23 23-0040	EA	3/8", Type 304, Stainless Steel, 90 Degree Elbow	66.83	13.60
		For Work In Restricted Working Space, Add	*8.14*	
40 05 23 23-0041	EA	1/2", Type 304, Stainless Steel, 90 Degree Elbow	101.94	15.33
		For Work In Restricted Working Space, Add	*9.22*	
40 05 23 23-0042	EA	5/8", Type 304, Stainless Steel, 90 Degree Elbow	108.69	17.17
		For Work In Restricted Working Space, Add	*10.32*	
40 05 23 23-0043	EA	3/4", Type 304, Stainless Steel, 90 Degree Elbow	121.73	18.56
		For Work In Restricted Working Space, Add	*11.15*	
40 05 23 23-0044	EA	7/8", Type 304, Stainless Steel, 90 Degree Elbow	167.48	20.63
		For Work In Restricted Working Space, Add	*12.35*	
40 05 23 23-0045	EA	1", Type 304, Stainless Steel, 90 Degree Elbow	213.70	24.55
		For Work In Restricted Working Space, Add	*14.71*	
40 05 23 23-0046		Union Tees *(40 05 23 23-0037)*		
40 05 23 23-0047	EA	1/4", Type 304, Stainless Steel, Union Tee	89.55	18.56
		For Work In Restricted Working Space, Add	*11.15*	
40 05 23 23-0048	EA	3/8", Type 304, Stainless Steel, Union Tee	109.11	20.63
		For Work In Restricted Working Space, Add	*12.35*	
40 05 23 23-0049	EA	1/2", Type 304, Stainless Steel, Union Tee	150.34	23.05
		For Work In Restricted Working Space, Add	*13.83*	
40 05 23 23-0050	EA	5/8", Type 304, Stainless Steel, Union Tee	161.41	26.16
		For Work In Restricted Working Space, Add	*15.71*	
40 05 23 23-0051	EA	3/4", Type 304, Stainless Steel, Union Tee	207.53	28.11
		For Work In Restricted Working Space, Add	*16.87*	
40 05 23 23-0052	EA	7/8", Type 304, Stainless Steel, Union Tee	333.08	31.12
		For Work In Restricted Working Space, Add	*18.69*	
40 05 23 23-0053	EA	1", Type 304, Stainless Steel, Union Tee	399.23	37.22
		For Work In Restricted Working Space, Add	*22.31*	
40 05 23 23-0054		Unions *(40 05 23 23-0037)*		
40 05 23 23-0055	EA	1/4", Type 304, Stainless Steel, Union	85.38	18.56
		For Work In Restricted Working Space, Add	*11.15*	
40 05 23 23-0056	EA	3/8", Type 304, Stainless Steel, Union	111.46	20.63
		For Work In Restricted Working Space, Add	*12.35*	
40 05 23 23-0057	EA	1/2", Type 304, Stainless Steel, Union	151.88	23.05
		For Work In Restricted Working Space, Add	*13.83*	
40 05 23 23-0058	EA	5/8", Type 304, Stainless Steel, Union	185.62	26.16
		For Work In Restricted Working Space, Add	*15.71*	
40 05 23 23-0059	EA	3/4", Type 304, Stainless Steel, Union	222.26	28.11
		For Work In Restricted Working Space, Add	*16.87*	
40 05 23 23-0060	EA	7/8", Type 304, Stainless Steel, Union	344.83	31.12
		For Work In Restricted Working Space, Add	*18.69*	
40 05 23 23-0061	EA	1", Type 304, Stainless Steel, Union	365.93	37.22
		For Work In Restricted Working Space, Add	*22.31*	
40 05 23 23-0062		Male Connectors *(40 05 23 23-0037)*		
40 05 23 23-0063	EA	1/4" x 1/4", Type 304, Stainless Steel, Male Connection	41.36	12.45
		For Work In Restricted Working Space, Add	*7.43*	
40 05 23 23-0064	EA	3/8" x 3/8", Type 304, Stainless Steel, Male Connection	52.16	13.60
		For Work In Restricted Working Space, Add	*8.14*	
40 05 23 23-0065	EA	1/2" x 1/2", Type 304, Stainless Steel, Male Connection	68.20	15.33
		For Work In Restricted Working Space, Add	*9.22*	
40 05 23 23-0066	EA	5/8" x 5/8" Male Connection, Stainless Steel Type 304	76.88	17.17
		For Work In Restricted Working Space, Add	*10.32*	
40 05 23 23-0067	EA	3/4" x 3/4", Type 304, Stainless Steel, Male Connection	93.46	18.56
		For Work In Restricted Working Space, Add	*11.15*	
40 05 23 23-0068	EA	7/8" x 7/8", Type 304, Stainless Steel, Male Connection	142.69	20.63
		For Work In Restricted Working Space, Add	*12.35*	
40 05 23 23-0069	EA	1" x 1", Type 304, Stainless Steel, Male Connection	148.67	24.55
		For Work In Restricted Working Space, Add	*14.71*	
40 05 23 23-0070		Type 304 Valves *(40 05 23 23-0011)*		
40 05 23 23-0071		Gate Valves *(40 05 23 23-0070)*		
40 05 23 23-0072	EA	1/4" Gate Valve, Stainless Steel Type 304	230.91	18.56
		For Work In Restricted Working Space, Add	*10.07*	
40 05 23 23-0073	EA	3/8" Gate Valve, Stainless Steel Type 304	391.20	21.78
		For Work In Restricted Working Space, Add	*10.60*	
40 05 23 23-0074	EA	1/2" Gate Valve, Stainless Steel Type 304	404.91	24.55
		For Work In Restricted Working Space, Add	*14.71*	
40 05 23 23-0075	EA	3/4" Gate Valve, Stainless Steel Type 304	448.68	28.11
		For Work In Restricted Working Space, Add	*16.87*	
40 05 23 23-0076	EA	1" Gate Valve, Stainless Steel Type 304	409.63	37.22
		For Work In Restricted Working Space, Add	*22.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0077		**Globe Valves** *(40 05 23 23-0070)*		
40 05 23 23-0078	EA	1/4" Globe Valve, Stainless Steel Type 304	234.14	18.56
		For Work In Restricted Working Space, Add	*10.07*	
40 05 23 23-0079	EA	3/8" Globe Valve, Stainless Steel Type 304	153.39	21.78
		For Work In Restricted Working Space, Add	*10.60*	
40 05 23 23-0080	EA	1/2" Globe Valve, Stainless Steel Type 304	277.00	24.55
		For Work In Restricted Working Space, Add	*14.71*	
40 05 23 23-0081	EA	3/4" Globe Valve, Stainless Steel Type 304	308.20	28.11
		For Work In Restricted Working Space, Add	*16.87*	
40 05 23 23-0082	EA	1" Globe Valve, Stainless Steel Type 304	450.34	37.22
		For Work In Restricted Working Space, Add	*22.31*	
40 05 23 23-0083		**Check Valves** *(40 05 23 23-0070)*		
40 05 23 23-0084	EA	1/4" Check Valve, Stainless Steel Type 304	329.17	18.56
		For Work In Restricted Working Space, Add	*10.07*	
40 05 23 23-0085	EA	3/8" Check Valve, Stainless Steel Type 304	330.95	21.78
		For Work In Restricted Working Space, Add	*10.60*	
40 05 23 23-0086	EA	1/2" Check Valve, Stainless Steel Type 304	214.28	24.55
		For Work In Restricted Working Space, Add	*14.71*	
40 05 23 23-0087	EA	3/4" Check Valve, Stainless Steel Type 304	223.86	28.11
		For Work In Restricted Working Space, Add	*16.87*	
40 05 23 23-0088	EA	1" Check Valve, Stainless Steel Type 304	246.78	37.22
		For Work In Restricted Working Space, Add	*22.31*	
40 05 23 23-0089		**Plug Valves** *(40 05 23 23-0070)*		
40 05 23 23-0090	EA	1/2" Plug Valve, Stainless Steel Type 304	509.43	24.55
		For Work In Restricted Working Space, Add	*14.71*	
40 05 23 23-0091	EA	3/4" Plug Valve, Stainless Steel Type 304	557.53	28.11
		For Work In Restricted Working Space, Add	*16.87*	
40 05 23 23-0092	EA	1" Plug Valve, Stainless Steel Type 304	630.22	37.22
		For Work In Restricted Working Space, Add	*22.31*	
40 05 23 23-0093	EA	1-1/2" Plug Valve, Stainless Steel Type 304	877.19	42.07
		For Work In Restricted Working Space, Add	*25.24*	
40 05 23 23-0094	EA	2" Plug Valve, Stainless Steel Type 304	1,141.71	57.62
		For Work In Restricted Working Space, Add	*34.57*	
40 05 23 23-0095		**Type 316 Tubing** *(40 05 23 23-0011)*		
40 05 23 23-0096		**0.035" Wall** *(40 05 23 23-0095)*		
40 05 23 23-0097	LF	1/4" Stainless Steel Tubing, Type 316, 0.035" Wall	9.06	3.11
		For Work In Restricted Working Space, Add	*1.85*	
40 05 23 23-0098	LF	3/8" Stainless Steel Tubing, Type 316, 0.035" Wall	11.89	3.69
		For Work In Restricted Working Space, Add	*2.22*	
40 05 23 23-0099	LF	1/2" Stainless Steel Tubing, Type 316, 0.035" Wall	13.14	4.38
		For Work In Restricted Working Space, Add	*2.60*	
40 05 23 23-0100	LF	5/8" Stainless Steel Tubing, Type 316, 0.035" Wall	23.09	4.96
		For Work In Restricted Working Space, Add	*2.97*	
40 05 23 23-0101	LF	3/4" Stainless Steel Tubing, Type 316, 0.035" Wall	26.22	5.53
		For Work In Restricted Working Space, Add	*3.34*	
40 05 23 23-0102	LF	7/8" Stainless Steel Tubing, Type 316, 0.035" Wall	33.61	6.23
		For Work In Restricted Working Space, Add	*3.72*	
40 05 23 23-0103	LF	1" Stainless Steel Tubing, Type 316, 0.035" Wall	34.97	7.49
		For Work In Restricted Working Space, Add	*4.46*	
40 05 23 23-0104		**0.049" Wall** *(40 05 23 23-0095)*		
40 05 23 23-0105	LF	1/4" Stainless Steel Tubing, Type 316, 0.049" Wall	16.43	3.69
		For Work In Restricted Working Space, Add	*2.22*	
40 05 23 23-0106	LF	3/8" Stainless Steel Tubing, Type 316, 0.049" Wall	18.15	4.38
		For Work In Restricted Working Space, Add	*2.60*	
40 05 23 23-0107	LF	1/2" Stainless Steel Tubing, Type 316, 0.049" Wall	21.44	4.96
		For Work In Restricted Working Space, Add	*2.97*	
40 05 23 23-0108	LF	5/8" Stainless Steel Tubing, Type 316, 0.049" Wall	28.07	6.23
		For Work In Restricted Working Space, Add	*3.72*	
40 05 23 23-0109	LF	3/4" Stainless Steel Tubing, Type 316, 0.049" Wall	32.32	7.49
		For Work In Restricted Working Space, Add	*4.46*	
40 05 23 23-0110	LF	7/8" Stainless Steel Tubing, Type 316, 0.049" Wall	41.50	8.64
		For Work In Restricted Working Space, Add	*5.20*	
40 05 23 23-0111	LF	1" Stainless Steel Tubing, Type 316, 0.049" Wall	42.04	9.79
		For Work In Restricted Working Space, Add	*5.91*	
40 05 23 23-0112		**0.065" Wall** *(40 05 23 23-0095)*		
40 05 23 23-0113	LF	1/4" Stainless Steel Tubing, Type 316, 0.065" Wall	19.21	4.38
		For Work In Restricted Working Space, Add	*2.60*	
40 05 23 23-0114	LF	3/8" Stainless Steel Tubing, Type 316, 0.065" Wall	21.38	4.96
		For Work In Restricted Working Space, Add	*2.97*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0115	LF	1/2" Stainless Steel Tubing, Type 316, 0.065" Wall	26.83	6.23
		For Work In Restricted Working Space, Add	*3.72*	
40 05 23 23-0116	LF	5/8" Stainless Steel Tubing, Type 316, 0.065" Wall	31.96	7.49
		For Work In Restricted Working Space, Add	*4.46*	
40 05 23 23-0117	LF	3/4" Stainless Steel Tubing, Type 316, 0.065" Wall	38.84	8.64
		For Work In Restricted Working Space, Add	*5.20*	
40 05 23 23-0118	LF	7/8" Stainless Steel Tubing, Type 316, 0.065" Wall	42.69	9.79
		For Work In Restricted Working Space, Add	*5.91*	
40 05 23 23-0119	LF	1" Stainless Steel Tubing, Type 316, 0.065" Wall	49.86	11.06
		For Work In Restricted Working Space, Add	*6.65*	
40 05 23 23-0120		**Type 316 Tube Fittings** *(40 05 23 23-0011)*		
40 05 23 23-0121		**90 Degree Elbows** *(40 05 23 23-0120)*		
40 05 23 23-0122	EA	1/4" 90 Degree Elbow, Stainless Steel Type 316	79.01	12.45
		For Work In Restricted Working Space, Add	*7.43*	
40 05 23 23-0123	EA	3/8" 90 Degree Elbow, Stainless Steel Type 316	95.50	13.60
		For Work In Restricted Working Space, Add	*8.14*	
40 05 23 23-0124	EA	1/2" 90 Degree Elbow, Stainless Steel Type 316	153.34	15.33
		For Work In Restricted Working Space, Add	*9.22*	
40 05 23 23-0125	EA	5/8" 90 Degree Elbow, Stainless Steel Type 316	162.32	17.17
		For Work In Restricted Working Space, Add	*10.32*	
40 05 23 23-0126	EA	3/4" 90 Degree Elbow, Stainless Steel Type 316	182.77	18.56
		For Work In Restricted Working Space, Add	*11.15*	
40 05 23 23-0127	EA	7/8" 90 Degree Elbow, Stainless Steel Type 316	258.68	20.63
		For Work In Restricted Working Space, Add	*12.35*	
40 05 23 23-0128	EA	1" 90 Degree Elbow, Stainless Steel Type 316	332.59	24.55
		For Work In Restricted Working Space, Add	*14.71*	
40 05 23 23-0129		**Union Tees** *(40 05 23 23-0120)*		
40 05 23 23-0130	EA	1/4" Union Tee, Stainless Steel Type 316	127.36	18.56
		For Work In Restricted Working Space, Add	*11.15*	
40 05 23 23-0131	EA	3/8" Union Tee, Stainless Steel Type 316	158.17	20.63
		For Work In Restricted Working Space, Add	*12.35*	
40 05 23 23-0132	EA	1/2" Union Tee, Stainless Steel Type 316	225.60	23.05
		For Work In Restricted Working Space, Add	*13.83*	
40 05 23 23-0133	EA	5/8" Union Tee, Stainless Steel Type 316	240.13	26.16
		For Work In Restricted Working Space, Add	*15.71*	
40 05 23 23-0134	EA	3/4" Union Tee, Stainless Steel Type 316	316.78	28.11
		For Work In Restricted Working Space, Add	*16.87*	
40 05 23 23-0135	EA	7/8" Union Tee, Stainless Steel Type 316	528.58	31.12
		For Work In Restricted Working Space, Add	*18.69*	
40 05 23 23-0136	EA	1" Union Tee, Stainless Steel Type 316	633.78	37.22
		For Work In Restricted Working Space, Add	*22.31*	
40 05 23 23-0137		**Unions** *(40 05 23 23-0120)*		
40 05 23 23-0138	EA	1/4" Union, Stainless Steel Type 316	79.61	18.56
		For Work In Restricted Working Space, Add	*11.15*	
40 05 23 23-0139	EA	3/8" Union, Stainless Steel Type 316	103.06	20.63
		For Work In Restricted Working Space, Add	*12.35*	
40 05 23 23-0140	EA	1/2" Union, Stainless Steel Type 316	139.24	23.05
		For Work In Restricted Working Space, Add	*13.83*	
40 05 23 23-0141	EA	5/8" Union, Stainless Steel Type 316	169.69	26.16
		For Work In Restricted Working Space, Add	*15.71*	
40 05 23 23-0142	EA	3/4" Union, Stainless Steel Type 316	202.41	28.11
		For Work In Restricted Working Space, Add	*16.87*	
40 05 23 23-0143	EA	7/8" Union, Stainless Steel Type 316	311.06	31.12
		For Work In Restricted Working Space, Add	*18.69*	
40 05 23 23-0144	EA	1" Union, Stainless Steel Type 316	331.07	37.22
		For Work In Restricted Working Space, Add	*22.31*	
40 05 23 23-0145		**Male Connectors** *(40 05 23 23-0120)*		
40 05 23 23-0146	EA	1/4" x 1/4" Male Connector, Stainless Steel Type 316	53.08	12.45
		For Work In Restricted Working Space, Add	*7.43*	
40 05 23 23-0147	EA	3/8" x 3/8" Male Connector, Stainless Steel Type 316	69.86	13.60
		For Work In Restricted Working Space, Add	*8.14*	
40 05 23 23-0148	EA	1/2" x 1/2" Male Connector, Stainless Steel Type 316	94.69	15.33
		For Work In Restricted Working Space, Add	*9.22*	
40 05 23 23-0149	EA	5/8" x 5/8" Male Connector, Stainless Steel Type 316	106.91	17.17
		For Work In Restricted Working Space, Add	*10.32*	
40 05 23 23-0150	EA	3/4" x 3/4" Male Connector, Stainless Steel Type 316	133.26	18.56
		For Work In Restricted Working Space, Add	*11.15*	
40 05 23 23-0151	EA	7/8" x 7/8" Male Connector, Stainless Steel Type 316	214.47	20.63
		For Work In Restricted Working Space, Add	*12.35*	
40 05 23 23-0152	EA	1" x 1" Male Connector, Stainless Steel Type 316	219.11	24.55
		For Work In Restricted Working Space, Add	*14.71*	
40 05 23 23-0153		**Type 316 Valves** *(40 05 23 23-0011)*		

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0154		**Gate Valves** *(40 05 23 23-0153)*		
40 05 23 23-0155	EA	1/4" Gate Valve, Stainless Steel Type 316	294.63	18.56
		For Work In Restricted Working Space, Add	*10.07*	
40 05 23 23-0156	EA	3/8" Gate Valve, Stainless Steel Type 316	506.10	21.78
		For Work In Restricted Working Space, Add	*10.60*	
40 05 23 23-0157	EA	1/2" Gate Valve, Stainless Steel Type 316	519.81	24.55
		For Work In Restricted Working Space, Add	*14.71*	
40 05 23 23-0158	EA	3/4" Gate Valve, Stainless Steel Type 316	575.40	28.11
		For Work In Restricted Working Space, Add	*16.87*	
40 05 23 23-0159	EA	1" Gate Valve, Stainless Steel Type 316	517.88	37.22
		For Work In Restricted Working Space, Add	*22.31*	
40 05 23 23-0160	EA	1-1/4" Gate Valve, Stainless Steel Type 316	714.65	38.61
		For Work In Restricted Working Space, Add	*23.16*	
40 05 23 23-0161	EA	1-1/2" Gate Valve, Stainless Steel Type 316	1,153.34	42.07
		For Work In Restricted Working Space, Add	*25.24*	
40 05 23 23-0162	EA	2" Gate Valve, Stainless Steel Type 316	1,369.79	57.62
		For Work In Restricted Working Space, Add	*34.57*	
40 05 23 23-0163	EA	2-1/2" Gate Valve, Stainless Steel Type 316	2,008.36	184.50
		For Work In Restricted Working Space, Add	*110.67*	
40 05 23 23-0164		**Globe Valves** *(40 05 23 23-0153)*		
40 05 23 23-0165	EA	1/4" Globe Valve, Stainless Steel Type 316	298.91	18.56
		For Work In Restricted Working Space, Add	*10.07*	
40 05 23 23-0166	EA	3/8" Globe Valve, Stainless Steel Type 316	191.52	21.78
		For Work In Restricted Working Space, Add	*10.60*	
40 05 23 23-0167	EA	1/2" Globe Valve, Stainless Steel Type 316	350.61	24.55
		For Work In Restricted Working Space, Add	*14.71*	
40 05 23 23-0168	EA	3/4" Globe Valve, Stainless Steel Type 316	389.56	28.11
		For Work In Restricted Working Space, Add	*16.87*	
40 05 23 23-0169	EA	1" Globe Valve, Stainless Steel Type 316	571.73	37.22
		For Work In Restricted Working Space, Add	*22.31*	
40 05 23 23-0170	EA	1-1/4" Globe Valve, Stainless Steel Type 316	716.14	38.38
		For Work In Restricted Working Space, Add	*22.99*	
40 05 23 23-0171	EA	1-1/2" Globe Valve, Stainless Steel Type 316	1,196.11	42.07
		For Work In Restricted Working Space, Add	*25.24*	
40 05 23 23-0172	EA	2" Globe Valve, Stainless Steel Type 316	1,412.56	57.62
		For Work In Restricted Working Space, Add	*34.57*	
40 05 23 23-0173	EA	2-1/2" Globe Valve, Stainless Steel Type 316	1,737.49	184.50
		For Work In Restricted Working Space, Add	*110.67*	
40 05 23 23-0174		**Check Valves** *(40 05 23 23-0153)*		
40 05 23 23-0175	EA	1/4" Check Valve, Stainless Steel Type 316	424.61	18.56
		For Work In Restricted Working Space, Add	*10.07*	
40 05 23 23-0176	EA	3/8" Check Valve, Stainless Steel Type 316	426.39	21.78
		For Work In Restricted Working Space, Add	*10.60*	
40 05 23 23-0177	EA	1/2" Check Valve, Stainless Steel Type 316	267.64	24.55
		For Work In Restricted Working Space, Add	*14.71*	
40 05 23 23-0178	EA	3/4" Check Valve, Stainless Steel Type 316	277.98	28.11
		For Work In Restricted Working Space, Add	*16.87*	
40 05 23 23-0179	EA	1" Check Valve, Stainless Steel Type 316	302.45	37.22
		For Work In Restricted Working Space, Add	*22.31*	
40 05 23 23-0180	EA	1-1/4" Check Valve, Stainless Steel Type 316	421.93	38.61
		For Work In Restricted Working Space, Add	*23.16*	
40 05 23 23-0181	EA	1-1/2" Check Valve, Stainless Steel Type 316	953.75	42.07
		For Work In Restricted Working Space, Add	*25.24*	
40 05 23 23-0182	EA	2" Check Valve, Stainless Steel Type 316	1,155.95	57.62
		For Work In Restricted Working Space, Add	*34.57*	
40 05 23 23-0183	EA	2-1/2" Check Valve, Stainless Steel Type 316	2,269.72	184.50
		For Work In Restricted Working Space, Add	*110.67*	
40 05 23 23-0184		**Diaphragm Valves, Ethylene Propylene Diene Monomer (EPDM) Lined** *(40 05 23 23-0153)*		
40 05 23 23-0185	EA	1/2" Diaphragm Valve, Stainless Steel Type 316, Ethylene Propylene Diene Monomer (EPDM) Lined	454.32	24.55
		For Work In Restricted Working Space, Add	*14.71*	
40 05 23 23-0186	EA	3/4" Diaphragm Valve, Stainless Steel Type 316, Ethylene Propylene Diene Monomer (EPDM) Lined	530.89	28.11
		For Work In Restricted Working Space, Add	*16.87*	
40 05 23 23-0187	EA	1" Diaphragm Valve, Stainless Steel Type 316, Ethylene Propylene Diene Monomer (EPDM) Lined	676.71	37.22
		For Work In Restricted Working Space, Add	*22.31*	
40 05 23 23-0188	EA	1-1/2" Diaphragm Valve, Stainless Steel Type 316, Ethylene Propylene Diene Monomer (EPDM) Lined	1,083.43	42.07
		For Work In Restricted Working Space, Add	*25.24*	
40 05 23 23-0189	EA	2" Diaphragm Valve, Stainless Steel Type 316, Ethylene Propylene Diene Monomer (EPDM) Lined	1,514.28	57.62
		For Work In Restricted Working Space, Add	*34.57*	
40 05 23 23-0190		**Diaphragm Valves, Teflon Lined** *(40 05 23 23-0153)*		
40 05 23 23-0191	EA	1/2" Diaphragm Valve, Stainless Steel Type 316, Teflon Lined	604.21	24.55
		For Work In Restricted Working Space, Add	*14.71*	
40 05 23 23-0192	EA	3/4" Diaphragm Valve, Stainless Steel Type 316, Teflon Lined	694.67	28.11
		For Work In Restricted Working Space, Add	*16.87*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0193	EA	1" Diaphragm Valve, Stainless Steel Type 316, Teflon Lined	840.49	37.22
		For Work In Restricted Working Space, Add	*22.31*	
40 05 23 23-0194	EA	1-1/2" Diaphragm Valve, Stainless Steel Type 316, Teflon Lined	1,313.82	42.07
		For Work In Restricted Working Space, Add	*25.24*	
40 05 23 23-0195	EA	2" Diaphragm Valve, Stainless Steel Type 316, Teflon Lined	1,789.08	57.62
		For Work In Restricted Working Space, Add	*34.57*	
40 05 23 23-0196		**Strainers** *(40 05 23 23-0153)*		
40 05 23 23-0197	EA	1/2" Strainer, Stainless Steel Type 316	605.66	24.55
		For Work In Restricted Working Space, Add	*14.71*	
40 05 23 23-0198	EA	3/4" Strainer, Stainless Steel Type 316	725.16	28.24
		For Work In Restricted Working Space, Add	*16.94*	
40 05 23 23-0199	EA	1" Strainer, Stainless Steel Type 316	948.66	37.45
		For Work In Restricted Working Space, Add	*22.48*	
40 05 23 23-0200	EA	1-1/4" Strainer, Stainless Steel Type 316	1,180.38	38.61
		For Work In Restricted Working Space, Add	*23.17*	
40 05 23 23-0201	EA	1-1/2" Strainer, Stainless Steel Type 316	1,483.52	42.07
		For Work In Restricted Working Space, Add	*25.24*	
40 05 23 23-0202	EA	2" Strainer, Stainless Steel Type 316	2,140.36	57.62
		For Work In Restricted Working Space, Add	*34.58*	
40 05 23 23-0203	EA	2-1/2" Strainer, Stainless Steel Type 316	2,942.24	76.64
		For Work In Restricted Working Space, Add	*45.99*	
40 05 23 23-0204	EA	3" Strainer, Stainless Steel Type 316	4,283.59	115.24
		For Work In Restricted Working Space, Add	*69.15*	
40 05 23 23-0205	EA	4" Strainer, Stainless Steel Type 316	5,471.75	184.39
		For Work In Restricted Working Space, Add	*110.63*	
40 05 23 23-0206		**Plug Valves** *(40 05 23 23-0153)*		
40 05 23 23-0207	EA	1/2" Plug Valve, Stainless Steel Type 316	645.89	24.55
		For Work In Restricted Working Space, Add	*14.71*	
40 05 23 23-0208	EA	3/4" Plug Valve, Stainless Steel Type 316	706.12	28.11
		For Work In Restricted Working Space, Add	*16.87*	
40 05 23 23-0209	EA	1" Plug Valve, Stainless Steel Type 316	794.99	37.22
		For Work In Restricted Working Space, Add	*22.31*	
40 05 23 23-0210	EA	1-1/2" Plug Valve, Stainless Steel Type 316	1,112.27	42.07
		For Work In Restricted Working Space, Add	*25.24*	
40 05 23 23-0211	EA	2" Plug Valve, Stainless Steel Type 316	1,445.97	57.62
		For Work In Restricted Working Space, Add	*34.57*	
40 05 23 23-0212		**Cut And Prepare Existing Pipe In-Place** *(40 05 23 23-0011)*		
		Note: For use when connecting pipe to an existing in-place system.		
40 05 23 23-0213	EA	Cut And Prepare 1/2" Stainless Steel Pipe	23.01	
40 05 23 23-0214	EA	Cut And Prepare 3/4" Stainless Steel Pipe	24.85	
40 05 23 23-0215	EA	Cut And Prepare 1" Stainless Steel Pipe	27.96	
40 05 23 23-0216	EA	Cut And Prepare 1-1/4" Stainless Steel Pipe	29.34	
40 05 23 23-0217	EA	Cut And Prepare 1-1/2" Stainless Steel Pipe	31.06	
40 05 23 23-0218	EA	Cut And Prepare 2" Stainless Steel Pipe	33.36	
40 05 23 23-0219	EA	Cut And Prepare 2-1/2" Stainless Steel Pipe	35.67	
40 05 23 23-0220	EA	Cut And Prepare 3" Stainless Steel Pipe	39.12	
40 05 23 23-0221	EA	Cut And Prepare 4" Stainless Steel Pipe	42.57	
40 05 23 23-0222	EA	Cut And Prepare 6" Stainless Steel Pipe	46.02	
40 05 23 23-0223	EA	Cut And Prepare 8" Stainless Steel Pipe	49.47	
40 05 23 23-0224	EA	Cut And Prepare 10" Stainless Steel Pipe	54.08	
40 05 23 23-0225	EA	Cut And Prepare 12" Stainless Steel Pipe	58.68	
40 05 23 23-0226	EA	Cut And Prepare 14" Stainless Steel Pipe	63.28	
40 05 23 23-0227	EA	Cut And Prepare 16" Stainless Steel Pipe	67.88	
40 05 23 23-0228	EA	Cut And Prepare 18" Stainless Steel Pipe	71.34	
40 05 23 23-0229	EA	Cut And Prepare 20" Stainless Steel Pipe	74.78	
40 05 23 23-0230	EA	Cut And Prepare 24" Stainless Steel Pipe	79.39	
40 05 23 23-0231		**Stainless Steel Pipe And Fittings** *(40 05 23 23)*		
40 05 23 23-0232		**Type 304, Schedule 40 Stainless Steel Pipe And 150 LB Threaded Fittings** *(40 05 23 23-0231)*		
40 05 23 23-0233		**Type 304, Schedule 40 Stainless Steel Threaded Pipe** *(40 05 23 23-0232)*		
40 05 23 23-0234	LF	1/2" Pipe, Stainless Steel, Schedule 40 Type 304 For 150 LB Threaded Fitting	19.86	4.96
		For Work In Restricted Working Space, Add	*2.97*	
40 05 23 23-0235	LF	3/4" Pipe, Stainless Steel, Schedule 40 Type 304 For 150 LB Threaded Fitting	24.37	6.23
		For Work In Restricted Working Space, Add	*3.72*	
40 05 23 23-0236	LF	1" Pipe, Stainless Steel, Schedule 40 Type 304 For 150 LB Threaded Fitting	30.09	7.49
		For Work In Restricted Working Space, Add	*4.46*	
40 05 23 23-0237	LF	1-1/4" Pipe, Stainless Steel, Schedule 40 Type 304 For 150 LB Threaded Fitting	36.35	8.64
		For Work In Restricted Working Space, Add	*5.20*	
40 05 23 23-0238	LF	1-1/2" Pipe, Stainless Steel, Schedule 40 Type 304 For 150 LB Threaded Fitting	42.19	9.79
		For Work In Restricted Working Space, Add	*5.91*	
40 05 23 23-0239	LF	2" Pipe, Stainless Steel, Schedule 40 Type 304 For 150 LB Threaded Fitting	54.04	12.45
		For Work In Restricted Working Space, Add	*7.43*	
40 05 23 23-0240	LF	2-1/2" Pipe, Stainless Steel, Schedule 40 Type 304 For 150 LB Threaded Fitting	74.72	14.75
		For Work In Restricted Working Space, Add	*8.87*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0241	LF	3" Pipe, Stainless Steel, Schedule 40 Type 304 For 150 LB Threaded Fitting	93.91	18.56
		For Work In Restricted Working Space, Add	*11.15*	
40 05 23 23-0242	LF	4" Pipe, Stainless Steel, Schedule 40 Type 304 For 150 LB Threaded Fitting	127.58	24.55
		For Work In Restricted Working Space, Add	*14.71*	

40 05 23 23-0243 150#, Type 304 Stainless Steel Threaded 90 Degree Elbows *(40 05 23 23-0232)*

40 05 23 23-0244	EA	1/2", 150#, Type 304 Stainless Steel Threaded 90 Degree Elbow	40.50	18.56
		For Work In Restricted Working Space, Add	*11.15*	
40 05 23 23-0245	EA	3/4", 150#, Type 304 Stainless Steel Threaded 90 Degree Elbow	53.80	24.55
		For Work In Restricted Working Space, Add	*14.71*	
40 05 23 23-0246	EA	1", 150#, Type 304 Stainless Steel Threaded 90 Degree Elbow	69.23	31.12
		For Work In Restricted Working Space, Add	*18.69*	
40 05 23 23-0247	EA	1-1/4", 150#, Type 304 Stainless Steel Threaded 90 Degree Elbow	97.21	42.64
		For Work In Restricted Working Space, Add	*25.61*	
40 05 23 23-0248	EA	1-1/2", 150#, Type 304 Stainless Steel Threaded 90 Degree Elbow	115.99	50.13
		For Work In Restricted Working Space, Add	*30.06*	
40 05 23 23-0249	EA	2", 150#, Type 304 Stainless Steel Threaded 90 Degree Elbow	141.34	60.62
		For Work In Restricted Working Space, Add	*36.39*	
40 05 23 23-0250	EA	2-1/2", 150#, Type 304 Stainless Steel Threaded 90 Degree Elbow	237.70	96.00
		For Work In Restricted Working Space, Add	*57.62*	
40 05 23 23-0251	EA	3", 150#, Type 304 Stainless Steel Threaded 90 Degree Elbow	305.94	123.89
		For Work In Restricted Working Space, Add	*74.35*	
40 05 23 23-0252	EA	4", 150#, Type 304 Stainless Steel Threaded 90 Degree Elbow	420.73	153.62
		For Work In Restricted Working Space, Add	*92.20*	

40 05 23 23-0253 150#, Type 304 Stainless Steel Threaded 45 Degree Elbows *(40 05 23 23-0232)*

40 05 23 23-0254	EA	1/2", 150#, Type 304 Stainless Steel Threaded 45 Degree Elbow	41.27	18.56
		For Work In Restricted Working Space, Add	*11.15*	
40 05 23 23-0255	EA	3/4", 150#, Type 304 Stainless Steel Threaded 45 Degree Elbow	55.04	24.55
		For Work In Restricted Working Space, Add	*14.71*	
40 05 23 23-0256	EA	1", 150#, Type 304 Stainless Steel Threaded 45 Degree Elbow	69.62	31.12
		For Work In Restricted Working Space, Add	*18.69*	
40 05 23 23-0257	EA	1-1/4", 150#, Type 304 Stainless Steel Threaded 45 Degree Elbow	97.06	42.64
		For Work In Restricted Working Space, Add	*25.61*	
40 05 23 23-0258	EA	1-1/2", 150#, Type 304 Stainless Steel Threaded 45 Degree Elbow	114.16	50.13
		For Work In Restricted Working Space, Add	*30.06*	
40 05 23 23-0259	EA	2", 150#, Type 304 Stainless Steel Threaded 45 Degree Elbow	140.92	60.62
		For Work In Restricted Working Space, Add	*36.39*	
40 05 23 23-0260	EA	2-1/2", 150#, Type 304 Stainless Steel Threaded 45 Degree Elbow	246.01	96.00
		For Work In Restricted Working Space, Add	*57.62*	
40 05 23 23-0261	EA	3", 150#, Type 304 Stainless Steel Threaded 45 Degree Elbow	322.15	123.89
		For Work In Restricted Working Space, Add	*74.35*	
40 05 23 23-0262	EA	4", 150#, Type 304 Stainless Steel Threaded 45 Degree Elbow	439.61	153.62
		For Work In Restricted Working Space, Add	*92.20*	

40 05 23 23-0263 150#, Type 304 Stainless Steel Threaded Tees *(40 05 23 23-0232)*

40 05 23 23-0264	EA	1/2", 150#, Type 304 Stainless Steel Threaded Tee	60.75	28.11
		For Work In Restricted Working Space, Add	*16.87*	
40 05 23 23-0265	EA	3/4", 150#, Type 304 Stainless Steel Threaded Tee	81.53	37.22
		For Work In Restricted Working Space, Add	*22.31*	
40 05 23 23-0266	EA	1", 150#, Type 304 Stainless Steel Threaded Tee	101.33	46.10
		For Work In Restricted Working Space, Add	*27.66*	
40 05 23 23-0267	EA	1-1/4", 150#, Type 304 Stainless Steel Threaded Tee	146.23	64.08
		For Work In Restricted Working Space, Add	*38.42*	
40 05 23 23-0268	EA	1-1/2", 150#, Type 304 Stainless Steel Threaded Tee	166.66	72.02
		For Work In Restricted Working Space, Add	*43.22*	
40 05 23 23-0269	EA	2", 150#, Type 304 Stainless Steel Threaded Tee	221.10	96.00
		For Work In Restricted Working Space, Add	*57.62*	
40 05 23 23-0270	EA	2-1/2", 150#, Type 304 Stainless Steel Threaded Tee	339.93	138.87
		For Work In Restricted Working Space, Add	*83.31*	
40 05 23 23-0271	EA	3", 150#, Type 304 Stainless Steel Threaded Tee	461.44	185.89
		For Work In Restricted Working Space, Add	*111.53*	
40 05 23 23-0272	EA	4", 150#, Type 304 Stainless Steel Threaded Tee	622.96	230.49
		For Work In Restricted Working Space, Add	*138.29*	

40 05 23 23-0273 150#, Type 304 Stainless Steel Threaded Reducers *(40 05 23 23-0232)*

40 05 23 23-0274	EA	3/4", 150#, Type 304 Stainless Steel Threaded Reducer	53.23	24.55
		For Work In Restricted Working Space, Add	*14.71*	
40 05 23 23-0275	EA	1", 150#, Type 304 Stainless Steel Threaded Reducer	68.01	31.12
		For Work In Restricted Working Space, Add	*18.69*	
40 05 23 23-0276	EA	1-1/4", 150#, Type 304 Stainless Steel Threaded Reducer	93.73	42.64
		For Work In Restricted Working Space, Add	*25.61*	
40 05 23 23-0277	EA	1-1/2", 150#, Type 304 Stainless Steel Threaded Reducer	112.26	50.13
		For Work In Restricted Working Space, Add	*30.06*	
40 05 23 23-0278	EA	2", 150#, Type 304 Stainless Steel Threaded Reducer	141.43	60.62
		For Work In Restricted Working Space, Add	*36.39*	
40 05 23 23-0279	EA	2-1/2", 150#, Type 304 Stainless Steel Threaded Reducer	235.24	96.00
		For Work In Restricted Working Space, Add	*57.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0280	EA	3", 150#, Type 304 Stainless Steel Threaded Reducer	309.30	123.89
		For Work In Restricted Working Space, Add	*74.35*	
40 05 23 23-0281	EA	4", 150#, Type 304 Stainless Steel Threaded Reducer	409.13	153.62
		For Work In Restricted Working Space, Add	*92.20*	
40 05 23 23-0282		**150#, Type 304 Stainless Steel Threaded Caps** *(40 05 23 23-0232)*		
40 05 23 23-0283	EA	1/2", 150#, Type 304 Stainless Steel Threaded Cap	20.81	9.34
		For Work In Restricted Working Space, Add	*5.58*	
40 05 23 23-0284	EA	3/4", 150#, Type 304 Stainless Steel Threaded Cap	27.56	12.45
		For Work In Restricted Working Space, Add	*7.43*	
40 05 23 23-0285	EA	1", 150#, Type 304 Stainless Steel Threaded Cap	34.89	15.33
		For Work In Restricted Working Space, Add	*9.22*	
40 05 23 23-0286	EA	1-1/4", 150#, Type 304 Stainless Steel Threaded Cap	51.03	21.78
		For Work In Restricted Working Space, Add	*13.05*	
40 05 23 23-0287	EA	1-1/2", 150#, Type 304 Stainless Steel Threaded Cap	58.93	24.55
		For Work In Restricted Working Space, Add	*14.71*	
40 05 23 23-0288	EA	2", 150#, Type 304 Stainless Steel Threaded Cap	74.89	31.12
		For Work In Restricted Working Space, Add	*18.69*	
40 05 23 23-0289	EA	2-1/2", 150#, Type 304 Stainless Steel Threaded Cap	114.94	46.10
		For Work In Restricted Working Space, Add	*27.66*	
40 05 23 23-0290	EA	3", 150#, Type 304 Stainless Steel Threaded Cap	152.75	60.62
		For Work In Restricted Working Space, Add	*36.39*	
40 05 23 23-0291	EA	4", 150#, Type 304 Stainless Steel Threaded Cap	206.86	76.87
		For Work In Restricted Working Space, Add	*46.10*	
40 05 23 23-0292		**150#, Type 304 Stainless Steel Threaded Unions** *(40 05 23 23-0232)*		
40 05 23 23-0293	EA	1/2", 150#, Type 304 Stainless Steel Threaded Union	65.57	28.11
		For Work In Restricted Working Space, Add	*16.87*	
40 05 23 23-0294	EA	3/4", 150#, Type 304 Stainless Steel Threaded Union	86.20	37.22
		For Work In Restricted Working Space, Add	*22.31*	
40 05 23 23-0295	EA	1", 150#, Type 304 Stainless Steel Threaded Union	110.09	46.10
		For Work In Restricted Working Space, Add	*27.66*	
40 05 23 23-0296	EA	1-1/4", 150#, Type 304 Stainless Steel Threaded Union	159.10	64.08
		For Work In Restricted Working Space, Add	*38.42*	
40 05 23 23-0297	EA	1-1/2", 150#, Type 304 Stainless Steel Threaded Union	179.15	72.02
		For Work In Restricted Working Space, Add	*43.22*	
40 05 23 23-0298	EA	2", 150#, Type 304 Stainless Steel Threaded Union	234.11	96.00
		For Work In Restricted Working Space, Add	*57.62*	
40 05 23 23-0299	EA	2-1/2", 150#, Type 304 Stainless Steel Threaded Union	401.95	144.06
		For Work In Restricted Working Space, Add	*86.43*	
40 05 23 23-0300	EA	3", 150#, Type 304 Stainless Steel Threaded Union	515.13	185.89
		For Work In Restricted Working Space, Add	*111.53*	
40 05 23 23-0301	EA	4", 150#, Type 304 Stainless Steel Threaded Union	540.05	153.68
		For Work In Restricted Working Space, Add	*92.21*	
40 05 23 23-0302		**150#, Type 304 Stainless Steel Threaded Couplings** *(40 05 23 23-0232)*		
40 05 23 23-0303	EA	1/2", 150#, Type 304 Stainless Steel Threaded Coupling	40.18	18.56
		For Work In Restricted Working Space, Add	*11.15*	
40 05 23 23-0304	EA	3/4", 150#, Type 304 Stainless Steel Threaded Coupling	53.38	24.55
		For Work In Restricted Working Space, Add	*14.71*	
40 05 23 23-0305	EA	1", 150#, Type 304 Stainless Steel Threaded Coupling	68.89	31.12
		For Work In Restricted Working Space, Add	*18.69*	
40 05 23 23-0306	EA	1-1/4", 150#, Type 304 Stainless Steel Threaded Coupling	95.85	42.64
		For Work In Restricted Working Space, Add	*25.61*	
40 05 23 23-0307	EA	1-1/2", 150#, Type 304 Stainless Steel Threaded Coupling	112.66	50.13
		For Work In Restricted Working Space, Add	*30.06*	
40 05 23 23-0308	EA	2", 150#, Type 304 Stainless Steel Threaded Coupling	138.87	60.62
		For Work In Restricted Working Space, Add	*36.39*	
40 05 23 23-0309	EA	2-1/2", 150#, Type 304 Stainless Steel Threaded Coupling	230.61	96.00
		For Work In Restricted Working Space, Add	*57.62*	
40 05 23 23-0310	EA	3", 150#, Type 304 Stainless Steel Threaded Coupling	297.64	123.89
		For Work In Restricted Working Space, Add	*74.35*	
40 05 23 23-0311	EA	4", 150#, Type 304 Stainless Steel Threaded Coupling	384.72	153.62
		For Work In Restricted Working Space, Add	*92.20*	
40 05 23 23-0312		**Type 316, Schedule 40 Stainless Steel Pipe And 150 LB Threaded Fittings** *(40 05 23 23-0231)*		
40 05 23 23-0313		**Type 316, Schedule 40 Stainless Steel Threaded Pipe** *(40 05 23 23-0312)*		
40 05 23 23-0314	LF	1/2" Pipe, Stainless Steel Schedule 40 Type 316 For 150 LB Threaded Fitting	25.13	4.96
		For Work In Restricted Working Space, Add	*2.97*	
40 05 23 23-0315	LF	3/4" Pipe, Stainless Steel Schedule 40 Type 316 For 150 LB Threaded Fitting	29.57	6.23
		For Work In Restricted Working Space, Add	*3.72*	
40 05 23 23-0316	LF	1" Pipe, Stainless Steel Schedule 40 Type 316 For 150 LB Threaded Fitting	37.56	7.49
		For Work In Restricted Working Space, Add	*4.46*	
40 05 23 23-0317	LF	1-1/4" Pipe, Stainless Steel Schedule 40 Type 316 For 150 LB Threaded Fitting	46.12	8.64
		For Work In Restricted Working Space, Add	*5.20*	
40 05 23 23-0318	LF	1-1/2" Pipe, Stainless Steel Schedule 40 Type 316 For 150 LB Threaded Fitting	53.76	9.79
		For Work In Restricted Working Space, Add	*5.91*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0319	LF	2" Pipe, Stainless Steel Schedule 40 Type 316 For 150 LB Threaded Fitting	69.53	12.45
		For Work In Restricted Working Space, Add	*7.43*	
40 05 23 23-0320	LF	2-1/2" Pipe, Stainless Steel Schedule 40 Type 316 For 150 LB Threaded Fitting	96.36	14.75
		For Work In Restricted Working Space, Add	*8.87*	
40 05 23 23-0321	LF	3" Pipe, Stainless Steel Schedule 40 Type 316 For 150 LB Threaded Fitting	126.19	18.56
		For Work In Restricted Working Space, Add	*11.15*	
40 05 23 23-0322	LF	4" Pipe, Stainless Steel Schedule 40 Type 316 For 150 LB Threaded Fitting	169.60	24.55
		For Work In Restricted Working Space, Add	*14.71*	

40 05 23 23-0323 150#, Type 316 Stainless Steel Threaded 90 Degree Elbows *(40 05 23 23-0312)*

40 05 23 23-0324	EA	1/2", 150#, Type 316 Stainless Steel Threaded 90 Degree Elbow	41.51	18.56
		For Work In Restricted Working Space, Add	*11.15*	
40 05 23 23-0325	EA	3/4", 150#, Type 316 Stainless Steel Threaded 90 Degree Elbow	55.30	24.55
		For Work In Restricted Working Space, Add	*14.71*	
40 05 23 23-0326	EA	1", 150#, Type 316 Stainless Steel Threaded 90 Degree Elbow	70.15	31.12
		For Work In Restricted Working Space, Add	*18.69*	
40 05 23 23-0327	EA	1-1/4", 150#, Type 316 Stainless Steel Threaded 90 Degree Elbow	98.86	42.64
		For Work In Restricted Working Space, Add	*25.61*	
40 05 23 23-0328	EA	1-1/2", 150#, Type 316 Stainless Steel Threaded 90 Degree Elbow	118.19	50.13
		For Work In Restricted Working Space, Add	*30.06*	
40 05 23 23-0329	EA	2", 150#, Type 316 Stainless Steel Threaded 90 Degree Elbow	144.06	60.62
		For Work In Restricted Working Space, Add	*36.39*	
40 05 23 23-0330	EA	2-1/2", 150#, Type 316 Stainless Steel Threaded 90 Degree Elbow	242.04	96.00
		For Work In Restricted Working Space, Add	*57.62*	
40 05 23 23-0331	EA	3", 150#, Type 316 Stainless Steel Threaded 90 Degree Elbow	316.56	123.89
		For Work In Restricted Working Space, Add	*74.35*	
40 05 23 23-0332	EA	4", 150#, Type 316 Stainless Steel Threaded 90 Degree Elbow	433.63	153.62
		For Work In Restricted Working Space, Add	*92.20*	

40 05 23 23-0333 150#, Type 316 Stainless Steel Threaded 45 Degree Elbows *(40 05 23 23-0312)*

40 05 23 23-0334	EA	1/2", 150#, Type 316 Stainless Steel Threaded 45 Degree Elbow	42.32	18.56
		For Work In Restricted Working Space, Add	*11.15*	
40 05 23 23-0335	EA	3/4", 150#, Type 316 Stainless Steel Threaded 45 Degree Elbow	55.81	24.55
		For Work In Restricted Working Space, Add	*14.71*	
40 05 23 23-0336	EA	1", 150#, Type 316 Stainless Steel Threaded 45 Degree Elbow	70.75	31.12
		For Work In Restricted Working Space, Add	*18.69*	
40 05 23 23-0337	EA	1-1/4", 150#, Type 316 Stainless Steel Threaded 45 Degree Elbow	98.69	42.64
		For Work In Restricted Working Space, Add	*25.61*	
40 05 23 23-0338	EA	1-1/2", 150#, Type 316 Stainless Steel Threaded 45 Degree Elbow	116.06	50.13
		For Work In Restricted Working Space, Add	*30.06*	
40 05 23 23-0339	EA	2", 150#, Type 316 Stainless Steel Threaded 45 Degree Elbow	143.46	60.62
		For Work In Restricted Working Space, Add	*36.39*	
40 05 23 23-0340	EA	2-1/2", 150#, Type 316 Stainless Steel Threaded 45 Degree Elbow	250.09	96.00
		For Work In Restricted Working Space, Add	*57.62*	
40 05 23 23-0341	EA	3", 150#, Type 316 Stainless Steel Threaded 45 Degree Elbow	331.55	123.89
		For Work In Restricted Working Space, Add	*74.35*	
40 05 23 23-0342	EA	4", 150#, Type 316 Stainless Steel Threaded 45 Degree Elbow	464.96	153.62
		For Work In Restricted Working Space, Add	*92.20*	

40 05 23 23-0343 150#, Type 316 Stainless Steel Threaded Tees *(40 05 23 23-0312)*

40 05 23 23-0344	EA	1/2", 150#, Type 316 Stainless Steel Threaded Tee	61.82	28.11
		For Work In Restricted Working Space, Add	*16.87*	
40 05 23 23-0345	EA	3/4", 150#, Type 316 Stainless Steel Threaded Tee	82.62	37.22
		For Work In Restricted Working Space, Add	*22.31*	
40 05 23 23-0346	EA	1", 150#, Type 316 Stainless Steel Threaded Tee	102.55	46.10
		For Work In Restricted Working Space, Add	*27.66*	
40 05 23 23-0347	EA	1-1/4", 150#, Type 316 Stainless Steel Threaded Tee	148.70	64.08
		For Work In Restricted Working Space, Add	*38.42*	
40 05 23 23-0348	EA	1-1/2", 150#, Type 316 Stainless Steel Threaded Tee	169.11	72.02
		For Work In Restricted Working Space, Add	*43.22*	
40 05 23 23-0349	EA	2", 150#, Type 316 Stainless Steel Threaded Tee	224.33	96.00
		For Work In Restricted Working Space, Add	*57.62*	
40 05 23 23-0350	EA	2-1/2", 150#, Type 316 Stainless Steel Threaded Tee	353.10	138.87
		For Work In Restricted Working Space, Add	*83.31*	
40 05 23 23-0351	EA	3", 150#, Type 316 Stainless Steel Threaded Tee	479.40	185.89
		For Work In Restricted Working Space, Add	*111.53*	
40 05 23 23-0352	EA	4", 150#, Type 316 Stainless Steel Threaded Tee	636.35	230.49
		For Work In Restricted Working Space, Add	*138.29*	

40 05 23 23-0353 150#, Type 316 Stainless Steel Threaded Reducers *(40 05 23 23-0312)*

40 05 23 23-0354	EA	3/4", 150#, Type 316 Stainless Steel Threaded Reducer	54.14	24.55
		For Work In Restricted Working Space, Add	*14.71*	
40 05 23 23-0355	EA	1", 150#, Type 316 Stainless Steel Threaded Reducer	70.73	31.12
		For Work In Restricted Working Space, Add	*18.69*	
40 05 23 23-0356	EA	1-1/4", 150#, Type 316 Stainless Steel Threaded Reducer	94.24	42.64
		For Work In Restricted Working Space, Add	*25.61*	
40 05 23 23-0357	EA	1-1/2", 150#, Type 316 Stainless Steel Threaded Reducer	114.93	50.13
		For Work In Restricted Working Space, Add	*30.06*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0358	EA	2", 150#, Type 316 Stainless Steel Threaded Reducer	146.11	60.62
		For Work In Restricted Working Space, Add	*36.39*	
40 05 23 23-0359	EA	2-1/2", 150#, Type 316 Stainless Steel Threaded Reducer	245.88	96.00
		For Work In Restricted Working Space, Add	*57.62*	
40 05 23 23-0360	EA	3", 150#, Type 316 Stainless Steel Threaded Reducer	321.04	123.89
		For Work In Restricted Working Space, Add	*74.35*	
40 05 23 23-0361	EA	4", 150#, Type 316 Stainless Steel Threaded Reducer	428.72	153.62
		For Work In Restricted Working Space, Add	*92.20*	
40 05 23 23-0362		**150#, Type 316 Stainless Steel Threaded Caps** *(40 05 23 23-0312)*		
40 05 23 23-0363	EA	1/2", 150#, Type 316 Stainless Steel Threaded Cap	21.41	9.34
		For Work In Restricted Working Space, Add	*5.58*	
40 05 23 23-0364	EA	3/4", 150#, Type 316 Stainless Steel Threaded Cap	28.00	12.45
		For Work In Restricted Working Space, Add	*7.43*	
40 05 23 23-0365	EA	1", 150#, Type 316 Stainless Steel Threaded Cap	35.69	15.33
		For Work In Restricted Working Space, Add	*9.22*	
40 05 23 23-0366	EA	1-1/4", 150#, Type 316 Stainless Steel Threaded Cap	53.23	21.78
		For Work In Restricted Working Space, Add	*13.05*	
40 05 23 23-0367	EA	1-1/2", 150#, Type 316 Stainless Steel Threaded Cap	61.53	24.55
		For Work In Restricted Working Space, Add	*14.71*	
40 05 23 23-0368	EA	2", 150#, Type 316 Stainless Steel Threaded Cap	78.29	31.12
		For Work In Restricted Working Space, Add	*18.69*	
40 05 23 23-0369	EA	2-1/2", 150#, Type 316 Stainless Steel Threaded Cap	120.55	46.10
		For Work In Restricted Working Space, Add	*27.66*	
40 05 23 23-0370	EA	3", 150#, Type 316 Stainless Steel Threaded Cap	158.45	60.62
		For Work In Restricted Working Space, Add	*36.39*	
40 05 23 23-0371	EA	4", 150#, Type 316 Stainless Steel Threaded Cap	218.18	76.87
		For Work In Restricted Working Space, Add	*46.10*	
40 05 23 23-0372		**150#, Type 316 Stainless Steel Threaded Unions** *(40 05 23 23-0312)*		
40 05 23 23-0373	EA	1/2", 150#, Type 316 Stainless Steel Threaded Union	66.86	28.11
		For Work In Restricted Working Space, Add	*16.87*	
40 05 23 23-0374	EA	3/4", 150#, Type 316 Stainless Steel Threaded Union	91.05	37.22
		For Work In Restricted Working Space, Add	*22.31*	
40 05 23 23-0375	EA	1", 150#, Type 316 Stainless Steel Threaded Union	112.54	46.10
		For Work In Restricted Working Space, Add	*27.66*	
40 05 23 23-0376	EA	1-1/4", 150#, Type 316 Stainless Steel Threaded Union	163.27	64.08
		For Work In Restricted Working Space, Add	*38.42*	
40 05 23 23-0377	EA	1-1/2", 150#, Type 316 Stainless Steel Threaded Union	184.02	72.02
		For Work In Restricted Working Space, Add	*43.22*	
40 05 23 23-0378	EA	2", 150#, Type 316 Stainless Steel Threaded Union	239.75	96.00
		For Work In Restricted Working Space, Add	*57.62*	
40 05 23 23-0379	EA	2-1/2", 150#, Type 316 Stainless Steel Threaded Union	410.60	144.06
		For Work In Restricted Working Space, Add	*86.43*	
40 05 23 23-0380	EA	3", 150#, Type 316 Stainless Steel Threaded Union	542.09	185.89
		For Work In Restricted Working Space, Add	*111.53*	
40 05 23 23-0381	EA	4", 150#, Type 316 Stainless Steel Threaded Union	597.50	153.68
		For Work In Restricted Working Space, Add	*92.21*	
40 05 23 23-0382		**150#, Type 316 Stainless Steel Threaded Couplings** *(40 05 23 23-0312)*		
40 05 23 23-0383	EA	1/2", 150#, Type 316 Stainless Steel Threaded Coupling	42.21	18.56
		For Work In Restricted Working Space, Add	*11.15*	
40 05 23 23-0384	EA	3/4", 150#, Type 316 Stainless Steel Threaded Coupling	54.32	24.55
		For Work In Restricted Working Space, Add	*14.71*	
40 05 23 23-0385	EA	1", 150#, Type 316 Stainless Steel Threaded Coupling	69.79	31.12
		For Work In Restricted Working Space, Add	*18.69*	
40 05 23 23-0386	EA	1-1/4", 150#, Type 316 Stainless Steel Threaded Coupling	97.28	42.64
		For Work In Restricted Working Space, Add	*25.61*	
40 05 23 23-0387	EA	1-1/2", 150#, Type 316 Stainless Steel Threaded Coupling	114.37	50.13
		For Work In Restricted Working Space, Add	*30.06*	
40 05 23 23-0388	EA	2", 150#, Type 316 Stainless Steel Threaded Coupling	141.24	60.62
		For Work In Restricted Working Space, Add	*36.39*	
40 05 23 23-0389	EA	2-1/2", 150#, Type 316 Stainless Steel Threaded Coupling	238.90	96.00
		For Work In Restricted Working Space, Add	*57.62*	
40 05 23 23-0390	EA	3", 150#, Type 316 Stainless Steel Threaded Coupling	308.31	123.89
		For Work In Restricted Working Space, Add	*74.35*	
40 05 23 23-0391	EA	4", 150#, Type 316 Stainless Steel Threaded Coupling	400.74	153.62
		For Work In Restricted Working Space, Add	*92.20*	
40 05 23 23-0392		**Type 304, Schedule 10 Stainless Steel Pipe And Butt Weld Fittings** *(40 05 23 23-0231)*		
40 05 23 23-0393		**Type 304, Schedule 10 Stainless Steel Pipe** *(40 05 23 23-0392)*		
40 05 23 23-0394	LF	1/2" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	22.55	4.83
		For Work In Restricted Working Space, Add	*2.90*	
40 05 23 23-0395	LF	3/4" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	26.73	5.90
		For Work In Restricted Working Space, Add	*3.54*	
40 05 23 23-0396	LF	1" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	36.08	6.97
		For Work In Restricted Working Space, Add	*4.15*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0397	LF	1-1/4" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	43.89	8.69
		For Work In Restricted Working Space, Add	*5.19*	
40 05 23 23-0398	LF	1-1/2" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	48.74	9.76
		For Work In Restricted Working Space, Add	*5.85*	
40 05 23 23-0399	LF	2" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	60.26	12.12
		For Work In Restricted Working Space, Add	*7.25*	
40 05 23 23-0400	LF	2-1/2" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	72.52	13.83
		For Work In Restricted Working Space, Add	*8.28*	
40 05 23 23-0401	LF	3" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	86.13	15.55
		For Work In Restricted Working Space, Add	*9.32*	
40 05 23 23-0402	LF	4" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	109.01	18.44
		For Work In Restricted Working Space, Add	*11.03*	
40 05 23 23-0403	LF	6" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	161.05	24.24
		For Work In Restricted Working Space, Add	*14.49*	
40 05 23 23-0404	LF	8" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	268.59	44.80
		For Work In Restricted Working Space, Add	*28.79*	
40 05 23 23-0405	LF	10" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	348.65	49.26
		For Work In Restricted Working Space, Add	*31.66*	
40 05 23 23-0406	LF	12" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	420.28	54.76
		For Work In Restricted Working Space, Add	*35.18*	
40 05 23 23-0407	LF	14" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	521.13	61.57
		For Work In Restricted Working Space, Add	*39.58*	
40 05 23 23-0408	LF	16" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	571.99	70.37
		For Work In Restricted Working Space, Add	*45.23*	
40 05 23 23-0409	LF	18" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	638.57	82.09
		For Work In Restricted Working Space, Add	*52.77*	
40 05 23 23-0410	LF	20" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	897.48	98.50
		For Work In Restricted Working Space, Add	*63.33*	
40 05 23 23-0411	LF	24" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	1,174.21	123.13
		For Work In Restricted Working Space, Add	*79.16*	
40 05 23 23-0412		**Type 304, Schedule 10 Stainless Steel Butt Weld 90 Degree Elbow** *(40 05 23 23-0392)*		
40 05 23 23-0413	EA	1/2", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	127.42	55.01
		For Work In Restricted Working Space, Add	*36.67*	
40 05 23 23-0414	EA	3/4", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	134.94	58.39
		For Work In Restricted Working Space, Add	*38.93*	
40 05 23 23-0415	EA	1", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	148.71	64.17
		For Work In Restricted Working Space, Add	*42.78*	
40 05 23 23-0416	EA	1-1/4", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	162.30	69.94
		For Work In Restricted Working Space, Add	*46.62*	
40 05 23 23-0417	EA	1-1/2", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	179.26	77.23
		For Work In Restricted Working Space, Add	*51.49*	
40 05 23 23-0418	EA	2", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	200.41	85.93
		For Work In Restricted Working Space, Add	*57.28*	
40 05 23 23-0419	EA	2-1/2", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	260.56	109.97
		For Work In Restricted Working Space, Add	*73.31*	
40 05 23 23-0420	EA	3", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	305.65	128.88
		For Work In Restricted Working Space, Add	*85.92*	
40 05 23 23-0421	EA	4", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	374.27	154.27
		For Work In Restricted Working Space, Add	*102.84*	
40 05 23 23-0422	EA	6", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	512.54	192.71
		For Work In Restricted Working Space, Add	*128.47*	
40 05 23 23-0423	EA	8", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	908.59	339.25
		For Work In Restricted Working Space, Add	*226.17*	
40 05 23 23-0424	EA	10", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	1,337.02	452.33
		For Work In Restricted Working Space, Add	*301.55*	
40 05 23 23-0425	EA	12", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	2,019.06	678.49
		For Work In Restricted Working Space, Add	*452.33*	
40 05 23 23-0426	EA	14", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	2,386.60	791.58
		For Work In Restricted Working Space, Add	*527.72*	
40 05 23 23-0427	EA	16", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	2,801.24	902.93
		For Work In Restricted Working Space, Add	*601.96*	
40 05 23 23-0428	EA	18", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	3,539.56	1,130.83
		For Work In Restricted Working Space, Add	*753.89*	
40 05 23 23-0429	EA	20", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	4,935.28	1,583.15
		For Work In Restricted Working Space, Add	*1,055.44*	
40 05 23 23-0430	EA	24", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow	7,083.98	2,261.65
		For Work In Restricted Working Space, Add	*1,507.77*	
40 05 23 23-0431		**Type 304, Schedule 10 Stainless Steel Butt Weld 45 Degree Elbow** *(40 05 23 23-0392)*		
40 05 23 23-0432	EA	1/2", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	128.95	55.01
		For Work In Restricted Working Space, Add	*36.67*	
40 05 23 23-0433	EA	3/4", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	136.47	58.39
		For Work In Restricted Working Space, Add	*38.93*	
40 05 23 23-0434	EA	1", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	150.54	64.17
		For Work In Restricted Working Space, Add	*42.78*	
40 05 23 23-0435	EA	1-1/4", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	164.74	69.94
		For Work In Restricted Working Space, Add	*46.62*	
40 05 23 23-0436	EA	1-1/2", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	179.56	77.23
		For Work In Restricted Working Space, Add	*51.49*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0437	EA	2", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	200.41	85.93
		For Work In Restricted Working Space, Add	*57.28*	
40 05 23 23-0438	EA	2-1/2", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	259.03	109.97
		For Work In Restricted Working Space, Add	*73.31*	
40 05 23 23-0439	EA	3", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	302.90	128.88
		For Work In Restricted Working Space, Add	*85.92*	
40 05 23 23-0440	EA	4", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	369.08	154.27
		For Work In Restricted Working Space, Add	*102.84*	
40 05 23 23-0441	EA	6", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	485.36	192.71
		For Work In Restricted Working Space, Add	*128.47*	
40 05 23 23-0442	EA	8", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	856.15	339.25
		For Work In Restricted Working Space, Add	*226.17*	
40 05 23 23-0443	EA	10", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	1,243.67	452.33
		For Work In Restricted Working Space, Add	*301.55*	
40 05 23 23-0444	EA	12", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	1,871.27	678.49
		For Work In Restricted Working Space, Add	*452.33*	
40 05 23 23-0445	EA	14", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	2,205.20	791.58
		For Work In Restricted Working Space, Add	*527.72*	
40 05 23 23-0446	EA	16", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	2,577.36	902.93
		For Work In Restricted Working Space, Add	*601.96*	
40 05 23 23-0447	EA	18", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	3,245.56	1,130.83
		For Work In Restricted Working Space, Add	*753.89*	
40 05 23 23-0448	EA	20", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	4,538.57	1,583.15
		For Work In Restricted Working Space, Add	*1,055.44*	
40 05 23 23-0449	EA	24", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow	6,521.23	2,261.65
		For Work In Restricted Working Space, Add	*1,507.77*	

40 05 23 23-0450 Type 304, Schedule 10 Stainless Steel Butt Weld Tee *(40 05 23 23-0392)*

40 05 23 23-0451	EA	1/2", Type 304, Schedule 10 Stainless Steel Tee	172.17	69.92
		For Work In Restricted Working Space, Add	*46.61*	
40 05 23 23-0452	EA	3/4", Type 304, Schedule 10 Stainless Steel Tee	207.52	85.83
		For Work In Restricted Working Space, Add	*57.22*	
40 05 23 23-0453	EA	1", Type 304, Schedule 10 Stainless Steel Tee	231.09	96.44
		For Work In Restricted Working Space, Add	*64.29*	
40 05 23 23-0454	EA	1-1/4", Type 304, Schedule 10 Stainless Steel Tee	263.03	109.97
		For Work In Restricted Working Space, Add	*73.31*	
40 05 23 23-0455	EA	1-1/2", Type 304, Schedule 10 Stainless Steel Tee	279.11	118.04
		For Work In Restricted Working Space, Add	*78.69*	
40 05 23 23-0456	EA	2", Type 304, Schedule 10 Stainless Steel Tee	304.12	128.74
		For Work In Restricted Working Space, Add	*85.83*	
40 05 23 23-0457	EA	2-1/2", Type 304, Schedule 10 Stainless Steel Tee	393.66	154.27
		For Work In Restricted Working Space, Add	*102.84*	
40 05 23 23-0458	EA	3", Type 304, Schedule 10 Stainless Steel Tee	462.61	193.33
		For Work In Restricted Working Space, Add	*128.89*	
40 05 23 23-0459	EA	4", Type 304, Schedule 10 Stainless Steel Tee	531.63	216.98
		For Work In Restricted Working Space, Add	*144.65*	
40 05 23 23-0460	EA	6", Type 304, Schedule 10 Stainless Steel Tee	774.52	289.29
		For Work In Restricted Working Space, Add	*192.86*	
40 05 23 23-0461	EA	8", Type 304, Schedule 10 Stainless Steel Tee	1,315.58	452.33
		For Work In Restricted Working Space, Add	*301.55*	
40 05 23 23-0462	EA	10", Type 304, Schedule 10 Stainless Steel Tee	2,019.06	678.49
		For Work In Restricted Working Space, Add	*452.33*	
40 05 23 23-0463	EA	12", Type 304, Schedule 10 Stainless Steel Tee	2,594.91	848.12
		For Work In Restricted Working Space, Add	*565.41*	
40 05 23 23-0464	EA	14", Type 304, Schedule 10 Stainless Steel Tee	3,190.90	1,019.20
		For Work In Restricted Working Space, Add	*679.47*	
40 05 23 23-0465	EA	16", Type 304, Schedule 10 Stainless Steel Tee	3,865.69	1,243.32
		For Work In Restricted Working Space, Add	*828.88*	
40 05 23 23-0466	EA	18", Type 304, Schedule 10 Stainless Steel Tee	4,918.98	1,583.15
		For Work In Restricted Working Space, Add	*1,055.44*	
40 05 23 23-0467	EA	20", Type 304, Schedule 10 Stainless Steel Tee	6,576.37	2,083.11
		For Work In Restricted Working Space, Add	*1,388.73*	
40 05 23 23-0468	EA	24", Type 304, Schedule 10 Stainless Steel Tee	9,861.13	3,166.31
		For Work In Restricted Working Space, Add	*2,110.88*	

40 05 23 23-0469 Type 304, Schedule 10 Stainless Steel Butt Weld Reducing Tees *(40 05 23 23-0392)*

40 05 23 23-0470	EA	3/4", Type 304, Schedule 10 Stainless Steel Reducing Tee	159.74	58.41
		For Work In Restricted Working Space, Add	*38.94*	
40 05 23 23-0471	EA	1", Type 304, Schedule 10 Stainless Steel Reducing Tee	188.98	71.58
		For Work In Restricted Working Space, Add	*47.72*	
40 05 23 23-0472	EA	1-1/4", Type 304, Schedule 10 Stainless Steel Reducing Tee	233.36	80.43
		For Work In Restricted Working Space, Add	*53.62*	
40 05 23 23-0473	EA	1-1/2", Type 304, Schedule 10 Stainless Steel Reducing Tee	241.31	91.68
		For Work In Restricted Working Space, Add	*61.12*	
40 05 23 23-0474	EA	2", Type 304, Schedule 10 Stainless Steel Reducing Tee	252.83	98.51
		For Work In Restricted Working Space, Add	*65.68*	
40 05 23 23-0475	EA	2-1/2", Type 304, Schedule 10 Stainless Steel Reducing Tee	330.52	107.36
		For Work In Restricted Working Space, Add	*71.58*	
40 05 23 23-0476	EA	3", Type 304, Schedule 10 Stainless Steel Reducing Tee	389.23	128.69
		For Work In Restricted Working Space, Add	*85.80*	
40 05 23 23-0477	EA	4", Type 304, Schedule 10 Stainless Steel Reducing Tee	479.61	160.85
		For Work In Restricted Working Space, Add	*107.23*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0478	EA	6", Type 304, Schedule 10 Stainless Steel Reducing Tee	633.82	183.78
		For Work In Restricted Working Space, Add	*122.52*	
40 05 23 23-0479	EA	8", Type 304, Schedule 10 Stainless Steel Reducing Tee	1,224.62	282.71
		For Work In Restricted Working Space, Add	*188.47*	
40 05 23 23-0480	EA	10", Type 304, Schedule 10 Stainless Steel Reducing Tee	2,014.28	376.94
		For Work In Restricted Working Space, Add	*251.30*	
40 05 23 23-0481	EA	12", Type 304, Schedule 10 Stainless Steel Reducing Tee	2,879.42	565.41
		For Work In Restricted Working Space, Add	*376.94*	
40 05 23 23-0482	EA	14", Type 304, Schedule 10 Stainless Steel Reducing Tee	3,493.15	679.28
		For Work In Restricted Working Space, Add	*452.85*	
40 05 23 23-0483	EA	16", Type 304, Schedule 10 Stainless Steel Reducing Tee	4,325.60	828.58
		For Work In Restricted Working Space, Add	*552.39*	
40 05 23 23-0484	EA	18", Type 304, Schedule 10 Stainless Steel Reducing Tee	5,585.07	1,055.43
		For Work In Restricted Working Space, Add	*703.63*	
40 05 23 23-0485	EA	20", Type 304, Schedule 10 Stainless Steel Reducing Tee	7,937.53	1,388.74
		For Work In Restricted Working Space, Add	*925.82*	
40 05 23 23-0486	EA	24", Type 304, Schedule 10 Stainless Steel Reducing Tee	12,413.49	2,109.00
		For Work In Restricted Working Space, Add	*1,406.00*	

40 05 23 23-0487 Type 304, Schedule 10 Stainless Steel Butt Weld Reducers *(40 05 23 23-0392)*

40 05 23 23-0488	EA	3/4", Type 304, Schedule 10 Stainless Steel Concentric Reducer	128.42	53.13
		For Work In Restricted Working Space, Add	*35.41*	
40 05 23 23-0489	EA	1", Type 304, Schedule 10 Stainless Steel Concentric Reducer	141.47	57.88
		For Work In Restricted Working Space, Add	*38.59*	
40 05 23 23-0490	EA	1-1/4", Type 304, Schedule 10 Stainless Steel Concentric Reducer	156.82	64.17
		For Work In Restricted Working Space, Add	*42.78*	
40 05 23 23-0491	EA	1-1/2", Type 304, Schedule 10 Stainless Steel Concentric Reducer	166.71	69.94
		For Work In Restricted Working Space, Add	*46.62*	
40 05 23 23-0492	EA	2", Type 304, Schedule 10 Stainless Steel Concentric Reducer	181.70	77.23
		For Work In Restricted Working Space, Add	*51.49*	
40 05 23 23-0493	EA	2-1/2", Type 304, Schedule 10 Stainless Steel Concentric Reducer	244.39	96.51
		For Work In Restricted Working Space, Add	*64.34*	
40 05 23 23-0494	EA	3", Type 304, Schedule 10 Stainless Steel Concentric Reducer	276.23	109.87
		For Work In Restricted Working Space, Add	*73.25*	
40 05 23 23-0495	EA	4", Type 304, Schedule 10 Stainless Steel Concentric Reducer	322.81	128.74
		For Work In Restricted Working Space, Add	*85.83*	
40 05 23 23-0496	EA	6", Type 304, Schedule 10 Stainless Steel Concentric Reducer	416.76	163.90
		For Work In Restricted Working Space, Add	*109.27*	
40 05 23 23-0497	EA	8", Type 304, Schedule 10 Stainless Steel Concentric Reducer	687.49	271.40
		For Work In Restricted Working Space, Add	*180.93*	
40 05 23 23-0498	EA	10", Type 304, Schedule 10 Stainless Steel Concentric Reducer	874.29	339.25
		For Work In Restricted Working Space, Add	*226.17*	
40 05 23 23-0499	EA	12", Type 304, Schedule 10 Stainless Steel Concentric Reducer	1,175.71	452.33
		For Work In Restricted Working Space, Add	*301.55*	
40 05 23 23-0500	EA	14", Type 304, Schedule 10 Stainless Steel Concentric Reducer	1,674.00	593.69
		For Work In Restricted Working Space, Add	*395.79*	
40 05 23 23-0501	EA	16", Type 304, Schedule 10 Stainless Steel Concentric Reducer	1,956.74	676.56
		For Work In Restricted Working Space, Add	*451.04*	
40 05 23 23-0502	EA	18", Type 304, Schedule 10 Stainless Steel Concentric Reducer	2,409.53	848.12
		For Work In Restricted Working Space, Add	*565.41*	
40 05 23 23-0503	EA	20", Type 304, Schedule 10 Stainless Steel Concentric Reducer	3,379.96	1,130.83
		For Work In Restricted Working Space, Add	*753.89*	
40 05 23 23-0504	EA	24", Type 304, Schedule 10 Stainless Steel Concentric Reducer	4,876.62	1,696.24
		For Work In Restricted Working Space, Add	*1,130.83*	
40 05 23 23-0505	EA	3/4", Type 304, Schedule 10 Stainless Steel Eccentric Reducer	157.14	53.13
		For Work In Restricted Working Space, Add	*35.41*	
40 05 23 23-0506	EA	1", Type 304, Schedule 10 Stainless Steel Eccentric Reducer	162.54	57.88
		For Work In Restricted Working Space, Add	*38.59*	
40 05 23 23-0507	EA	1-1/4", Type 304, Schedule 10 Stainless Steel Eccentric Reducer	171.25	64.17
		For Work In Restricted Working Space, Add	*42.78*	
40 05 23 23-0508	EA	1-1/2", Type 304, Schedule 10 Stainless Steel Eccentric Reducer	192.98	69.94
		For Work In Restricted Working Space, Add	*46.62*	
40 05 23 23-0509	EA	2", Type 304, Schedule 10 Stainless Steel Eccentric Reducer	200.64	77.23
		For Work In Restricted Working Space, Add	*51.49*	
40 05 23 23-0510	EA	2-1/2", Type 304, Schedule 10 Stainless Steel Eccentric Reducer	265.16	96.51
		For Work In Restricted Working Space, Add	*64.34*	
40 05 23 23-0511	EA	3", Type 304, Schedule 10 Stainless Steel Eccentric Reducer	296.69	109.87
		For Work In Restricted Working Space, Add	*73.25*	
40 05 23 23-0512	EA	4", Type 304, Schedule 10 Stainless Steel Eccentric Reducer	338.63	128.74
		For Work In Restricted Working Space, Add	*85.83*	
40 05 23 23-0513	EA	6", Type 304, Schedule 10 Stainless Steel Eccentric Reducer	473.88	163.90
		For Work In Restricted Working Space, Add	*109.27*	
40 05 23 23-0514	EA	8", Type 304, Schedule 10 Stainless Steel Eccentric Reducer	809.92	271.40
		For Work In Restricted Working Space, Add	*180.93*	
40 05 23 23-0515	EA	10", Type 304, Schedule 10 Stainless Steel Eccentric Reducer	1,113.11	339.25
		For Work In Restricted Working Space, Add	*226.17*	
40 05 23 23-0516	EA	12", Type 304, Schedule 10 Stainless Steel Eccentric Reducer	1,396.39	452.33
		For Work In Restricted Working Space, Add	*301.55*	
40 05 23 23-0517	EA	14", Type 304, Schedule 10 Stainless Steel Eccentric Reducer	2,183.08	593.69
		For Work In Restricted Working Space, Add	*395.79*	
40 05 23 23-0518	EA	16", Type 304, Schedule 10 Stainless Steel Eccentric Reducer	2,540.06	676.56
		For Work In Restricted Working Space, Add	*451.04*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0519	EA	18", Type 304, Schedule 10 Stainless Steel Eccentric Reducer	3,121.45	848.12
		For Work In Restricted Working Space, Add	*565.41*	
40 05 23 23-0520	EA	20", Type 304, Schedule 10 Stainless Steel Eccentric Reducer	4,520.78	1,130.83
		For Work In Restricted Working Space, Add	*753.89*	
40 05 23 23-0521	EA	24", Type 304, Schedule 10 Stainless Steel Eccentric Reducer	6,388.55	1,696.24
		For Work In Restricted Working Space, Add	*1,130.83*	

40 05 23 23-0522 Type 304, Schedule 10 Stainless Steel Butt Weld Caps *(40 05 23 23-0392)*

40 05 23 23-0523	EA	1/2", Type 304, Schedule 10 Stainless Steel Cap	70.59	27.51
		For Work In Restricted Working Space, Add	*18.34*	
40 05 23 23-0524	EA	3/4", Type 304, Schedule 10 Stainless Steel Cap	77.71	29.19
		For Work In Restricted Working Space, Add	*19.46*	
40 05 23 23-0525	EA	1", Type 304, Schedule 10 Stainless Steel Cap	85.34	32.09
		For Work In Restricted Working Space, Add	*21.39*	
40 05 23 23-0526	EA	1-1/4", Type 304, Schedule 10 Stainless Steel Cap	94.05	34.97
		For Work In Restricted Working Space, Add	*23.31*	
40 05 23 23-0527	EA	1-1/2", Type 304, Schedule 10 Stainless Steel Cap	100.79	38.62
		For Work In Restricted Working Space, Add	*25.75*	
40 05 23 23-0528	EA	2", Type 304, Schedule 10 Stainless Steel Cap	108.60	42.95
		For Work In Restricted Working Space, Add	*28.64*	
40 05 23 23-0529	EA	2-1/2", Type 304, Schedule 10 Stainless Steel Cap	141.13	54.99
		For Work In Restricted Working Space, Add	*36.66*	
40 05 23 23-0530	EA	3", Type 304, Schedule 10 Stainless Steel Cap	159.40	64.45
		For Work In Restricted Working Space, Add	*42.96*	
40 05 23 23-0531	EA	4", Type 304, Schedule 10 Stainless Steel Cap	192.18	77.13
		For Work In Restricted Working Space, Add	*51.42*	
40 05 23 23-0532	EA	6", Type 304, Schedule 10 Stainless Steel Cap	248.36	96.51
		For Work In Restricted Working Space, Add	*64.34*	
40 05 23 23-0533	EA	8", Type 304, Schedule 10 Stainless Steel Cap	437.97	169.62
		For Work In Restricted Working Space, Add	*113.08*	
40 05 23 23-0534	EA	10", Type 304, Schedule 10 Stainless Steel Cap	583.22	226.17
		For Work In Restricted Working Space, Add	*150.78*	
40 05 23 23-0535	EA	12", Type 304, Schedule 10 Stainless Steel Cap	858.96	339.24
		For Work In Restricted Working Space, Add	*226.17*	
40 05 23 23-0536	EA	14", Type 304, Schedule 10 Stainless Steel Cap	1,008.31	395.79
		For Work In Restricted Working Space, Add	*263.86*	
40 05 23 23-0537	EA	16", Type 304, Schedule 10 Stainless Steel Cap	1,169.35	451.47
		For Work In Restricted Working Space, Add	*300.98*	
40 05 23 23-0538	EA	18", Type 304, Schedule 10 Stainless Steel Cap	1,477.08	565.41
		For Work In Restricted Working Space, Add	*376.94*	
40 05 23 23-0539	EA	20", Type 304, Schedule 10 Stainless Steel Cap	2,039.55	791.58
		For Work In Restricted Working Space, Add	*527.72*	
40 05 23 23-0540	EA	24", Type 304, Schedule 10 Stainless Steel Cap	3,007.18	1,130.82
		For Work In Restricted Working Space, Add	*753.89*	

40 05 23 23-0541 Type 304, Schedule 40 Stainless Steel Pipe And Butt Weld Fittings *(40 05 23 23-0231)*

40 05 23 23-0542 Type 304, Schedule 40 Stainless Steel Pipe *(40 05 23 23-0541)*

40 05 23 23-0543	LF	1/2" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting	25.73	4.83
		For Work In Restricted Working Space, Add	*2.90*	
40 05 23 23-0544	LF	3/4" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting	31.22	5.90
		For Work In Restricted Working Space, Add	*3.54*	
40 05 23 23-0545	LF	1" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting	38.50	6.97
		For Work In Restricted Working Space, Add	*4.15*	
40 05 23 23-0546	LF	1-1/4" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting	48.12	8.57
		For Work In Restricted Working Space, Add	*5.19*	
40 05 23 23-0547	LF	1-1/2" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting	55.61	9.65
		For Work In Restricted Working Space, Add	*5.85*	
40 05 23 23-0548	LF	2" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting	71.58	12.33
		For Work In Restricted Working Space, Add	*7.25*	
40 05 23 23-0549	LF	2-1/2" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting	89.79	13.94
		For Work In Restricted Working Space, Add	*8.28*	
40 05 23 23-0550	LF	3" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting	85.82	15.55
		For Work In Restricted Working Space, Add	*9.32*	
40 05 23 23-0551	LF	4" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting	147.50	18.23
		For Work In Restricted Working Space, Add	*11.03*	
40 05 23 23-0552	LF	6" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting	233.28	24.12
		For Work In Restricted Working Space, Add	*14.49*	
40 05 23 23-0553	LF	8" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting	413.05	44.56
		For Work In Restricted Working Space, Add	*28.79*	
40 05 23 23-0554	LF	10" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting	528.34	49.26
		For Work In Restricted Working Space, Add	*31.66*	
40 05 23 23-0555	LF	12" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting	663.39	54.53
		For Work In Restricted Working Space, Add	*35.18*	

40 05 23 23-0556 Type 304, Schedule 40 Stainless Steel Butt Weld 90 Degree Elbows *(40 05 23 23-0541)*

40 05 23 23-0557	EA	1/2", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow	128.64	55.01
		For Work In Restricted Working Space, Add	*36.67*	
40 05 23 23-0558	EA	3/4", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow	136.16	58.39
		For Work In Restricted Working Space, Add	*38.93*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0559	EA	1", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow	149.62	64.17
		For Work In Restricted Working Space, Add	*42.78*	
40 05 23 23-0560	EA	1-1/4", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow	162.96	69.94
		For Work In Restricted Working Space, Add	*46.62*	
40 05 23 23-0561	EA	1-1/2", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow	179.87	77.23
		For Work In Restricted Working Space, Add	*51.49*	
40 05 23 23-0562	EA	2", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow	202.55	85.93
		For Work In Restricted Working Space, Add	*57.28*	
40 05 23 23-0563	EA	2-1/2", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow	268.50	109.97
		For Work In Restricted Working Space, Add	*73.31*	
40 05 23 23-0564	EA	3", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow	317.26	128.88
		For Work In Restricted Working Space, Add	*85.92*	
40 05 23 23-0565	EA	4", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow	393.82	154.27
		For Work In Restricted Working Space, Add	*102.84*	
40 05 23 23-0566	EA	6", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow	637.46	192.71
		For Work In Restricted Working Space, Add	*128.47*	
40 05 23 23-0567	EA	8", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow	1,078.81	339.25
		For Work In Restricted Working Space, Add	*226.17*	
40 05 23 23-0568	EA	10", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow	1,682.39	452.33
		For Work In Restricted Working Space, Add	*301.55*	
40 05 23 23-0569	EA	12", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow	2,467.01	678.49
		For Work In Restricted Working Space, Add	*452.33*	
40 05 23 23-0570	EA	14", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow	2,930.03	791.58
		For Work In Restricted Working Space, Add	*527.72*	
40 05 23 23-0571	EA	16", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow	3,499.35	902.93
		For Work In Restricted Working Space, Add	*601.96*	
40 05 23 23-0572	EA	18", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow	4,509.57	1,130.83
		For Work In Restricted Working Space, Add	*753.89*	
40 05 23 23-0573	EA	20", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow	6,132.54	1,583.15
		For Work In Restricted Working Space, Add	*1,055.44*	
40 05 23 23-0574	EA	24", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow	8,792.07	2,261.65
		For Work In Restricted Working Space, Add	*1,507.77*	

40 05 23 23-0575 Type 304, Schedule 40 Stainless Steel Butt Weld 45 Degree Elbows *(40 05 23 23-0541)*

40 05 23 23-0576	EA	1/2", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow	130.78	55.01
		For Work In Restricted Working Space, Add	*36.67*	
40 05 23 23-0577	EA	3/4", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow	138.30	58.39
		For Work In Restricted Working Space, Add	*38.93*	
40 05 23 23-0578	EA	1", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow	151.15	64.17
		For Work In Restricted Working Space, Add	*42.78*	
40 05 23 23-0579	EA	1-1/4", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow	164.52	69.94
		For Work In Restricted Working Space, Add	*46.62*	
40 05 23 23-0580	EA	1-1/2", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow	181.39	77.23
		For Work In Restricted Working Space, Add	*51.49*	
40 05 23 23-0581	EA	2", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow	202.87	85.93
		For Work In Restricted Working Space, Add	*57.28*	
40 05 23 23-0582	EA	2-1/2", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow	268.50	109.97
		For Work In Restricted Working Space, Add	*73.31*	
40 05 23 23-0583	EA	3", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow	308.71	128.88
		For Work In Restricted Working Space, Add	*85.92*	
40 05 23 23-0584	EA	4", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow	398.40	154.27
		For Work In Restricted Working Space, Add	*102.84*	
40 05 23 23-0585	EA	6", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow	533.31	192.71
		For Work In Restricted Working Space, Add	*128.47*	
40 05 23 23-0586	EA	8", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow	969.62	339.25
		For Work In Restricted Working Space, Add	*226.17*	
40 05 23 23-0587	EA	10", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow	1,409.60	452.33
		For Work In Restricted Working Space, Add	*301.55*	
40 05 23 23-0588	EA	12", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow	2,064.59	678.49
		For Work In Restricted Working Space, Add	*452.33*	
40 05 23 23-0589	EA	14", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow	2,341.53	791.58
		For Work In Restricted Working Space, Add	*527.72*	
40 05 23 23-0590	EA	16", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow	2,798.67	902.93
		For Work In Restricted Working Space, Add	*601.96*	
40 05 23 23-0591	EA	18", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow	3,532.05	1,130.83
		For Work In Restricted Working Space, Add	*753.89*	
40 05 23 23-0592	EA	20", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow	4,813.52	1,583.15
		For Work In Restricted Working Space, Add	*1,055.44*	
40 05 23 23-0593	EA	24", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow	6,988.08	2,261.65
		For Work In Restricted Working Space, Add	*1,507.77*	

40 05 23 23-0594 Type 304, Schedule 40 Stainless Steel Butt Weld Tees *(40 05 23 23-0541)*

40 05 23 23-0595	EA	1/2", Type 304, Schedule 40 Stainless Steel Tee	173.39	69.92
		For Work In Restricted Working Space, Add	*46.61*	
40 05 23 23-0596	EA	3/4", Type 304, Schedule 40 Stainless Steel Tee	208.74	85.83
		For Work In Restricted Working Space, Add	*57.22*	
40 05 23 23-0597	EA	1", Type 304, Schedule 40 Stainless Steel Tee	232.31	96.44
		For Work In Restricted Working Space, Add	*64.29*	
40 05 23 23-0598	EA	1-1/4", Type 304, Schedule 40 Stainless Steel Tee	266.14	109.97
		For Work In Restricted Working Space, Add	*73.31*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0599	EA	1-1/2", Type 304, Schedule 40 Stainless Steel Tee	280.33	118.04
		For Work In Restricted Working Space, Add	*78.69*	
40 05 23 23-0600	EA	2", Type 304, Schedule 40 Stainless Steel Tee	305.65	128.74
		For Work In Restricted Working Space, Add	*85.83*	
40 05 23 23-0601	EA	2-1/2", Type 304, Schedule 40 Stainless Steel Tee	397.79	154.27
		For Work In Restricted Working Space, Add	*102.84*	
40 05 23 23-0602	EA	3", Type 304, Schedule 40 Stainless Steel Tee	469.02	193.33
		For Work In Restricted Working Space, Add	*128.89*	
40 05 23 23-0603	EA	4", Type 304, Schedule 40 Stainless Steel Tee	538.65	216.98
		For Work In Restricted Working Space, Add	*144.65*	
40 05 23 23-0604	EA	6", Type 304, Schedule 40 Stainless Steel Tee	823.08	289.29
		For Work In Restricted Working Space, Add	*192.86*	
40 05 23 23-0605	EA	8", Type 304, Schedule 40 Stainless Steel Tee	1,459.73	452.33
		For Work In Restricted Working Space, Add	*301.55*	
40 05 23 23-0606	EA	10", Type 304, Schedule 40 Stainless Steel Tee	2,461.42	678.49
		For Work In Restricted Working Space, Add	*452.33*	
40 05 23 23-0607	EA	12", Type 304, Schedule 40 Stainless Steel Tee	3,061.34	848.12
		For Work In Restricted Working Space, Add	*565.41*	
40 05 23 23-0608	EA	14", Type 304, Schedule 40 Stainless Steel Tee	4,130.77	1,019.20
		For Work In Restricted Working Space, Add	*679.47*	
40 05 23 23-0609	EA	16", Type 304, Schedule 40 Stainless Steel Tee	5,237.85	1,243.32
		For Work In Restricted Working Space, Add	*828.88*	
40 05 23 23-0610	EA	18", Type 304, Schedule 40 Stainless Steel Tee	6,782.03	1,583.15
		For Work In Restricted Working Space, Add	*1,055.44*	
40 05 23 23-0611	EA	20", Type 304, Schedule 40 Stainless Steel Tee	8,761.68	2,083.11
		For Work In Restricted Working Space, Add	*1,388.73*	
40 05 23 23-0612	EA	24", Type 304, Schedule 40 Stainless Steel Tee	13,410.34	3,166.31
		For Work In Restricted Working Space, Add	*2,110.88*	

40 05 23 23-0613 Type 304, Schedule 40 Stainless Steel Butt Weld Reducing Tees *(40 05 23 23-0541)*

40 05 23 23-0614	EA	3/4", Type 304, Schedule 40 Stainless Steel Reducing Tee	163.71	58.41
		For Work In Restricted Working Space, Add	*38.94*	
40 05 23 23-0615	EA	1", Type 304, Schedule 40 Stainless Steel Reducing Tee	192.95	71.58
		For Work In Restricted Working Space, Add	*47.72*	
40 05 23 23-0616	EA	1-1/4", Type 304, Schedule 40 Stainless Steel Reducing Tee	252.47	80.43
		For Work In Restricted Working Space, Add	*53.62*	
40 05 23 23-0617	EA	1-1/2", Type 304, Schedule 40 Stainless Steel Reducing Tee	247.11	91.68
		For Work In Restricted Working Space, Add	*61.12*	
40 05 23 23-0618	EA	2", Type 304, Schedule 40 Stainless Steel Reducing Tee	252.83	98.51
		For Work In Restricted Working Space, Add	*65.68*	
40 05 23 23-0619	EA	2-1/2", Type 304, Schedule 40 Stainless Steel Reducing Tee	311.00	107.36
		For Work In Restricted Working Space, Add	*71.58*	
40 05 23 23-0620	EA	3", Type 304, Schedule 40 Stainless Steel Reducing Tee	346.16	128.69
		For Work In Restricted Working Space, Add	*85.80*	
40 05 23 23-0621	EA	4", Type 304, Schedule 40 Stainless Steel Reducing Tee	457.01	160.85
		For Work In Restricted Working Space, Add	*107.23*	
40 05 23 23-0622	EA	6", Type 304, Schedule 40 Stainless Steel Reducing Tee	637.48	183.78
		For Work In Restricted Working Space, Add	*122.52*	
40 05 23 23-0623	EA	8", Type 304, Schedule 40 Stainless Steel Reducing Tee	1,094.98	282.71
		For Work In Restricted Working Space, Add	*188.47*	
40 05 23 23-0624	EA	10", Type 304, Schedule 40 Stainless Steel Reducing Tee	2,054.85	376.94
		For Work In Restricted Working Space, Add	*251.30*	
40 05 23 23-0625	EA	12", Type 304, Schedule 40 Stainless Steel Reducing Tee	2,960.57	565.41
		For Work In Restricted Working Space, Add	*376.94*	
40 05 23 23-0626	EA	14", Type 304, Schedule 40 Stainless Steel Reducing Tee	3,379.29	679.28
		For Work In Restricted Working Space, Add	*452.85*	
40 05 23 23-0627	EA	16", Type 304, Schedule 40 Stainless Steel Reducing Tee	4,183.00	828.58
		For Work In Restricted Working Space, Add	*552.39*	
40 05 23 23-0628	EA	18", Type 304, Schedule 40 Stainless Steel Reducing Tee	5,399.12	1,055.43
		For Work In Restricted Working Space, Add	*703.63*	
40 05 23 23-0629	EA	20", Type 304, Schedule 40 Stainless Steel Reducing Tee	7,659.06	1,388.74
		For Work In Restricted Working Space, Add	*925.82*	
40 05 23 23-0630	EA	24", Type 304, Schedule 40 Stainless Steel Reducing Tee	11,969.98	2,109.00
		For Work In Restricted Working Space, Add	*1,406.00*	

40 05 23 23-0631 Type 304, Schedule 40 Stainless Steel Butt Weld Reducers *(40 05 23 23-0541)*

40 05 23 23-0632	EA	3/4", Type 304, Schedule 40 Stainless Steel Concentric Reducer	131.48	53.13
		For Work In Restricted Working Space, Add	*35.41*	
40 05 23 23-0633	EA	1", Type 304, Schedule 40 Stainless Steel Concentric Reducer	144.52	57.88
		For Work In Restricted Working Space, Add	*38.59*	
40 05 23 23-0634	EA	1-1/4", Type 304, Schedule 40 Stainless Steel Concentric Reducer	157.04	64.17
		For Work In Restricted Working Space, Add	*42.78*	
40 05 23 23-0635	EA	1-1/2", Type 304, Schedule 40 Stainless Steel Concentric Reducer	169.77	69.94
		For Work In Restricted Working Space, Add	*46.62*	
40 05 23 23-0636	EA	2", Type 304, Schedule 40 Stainless Steel Concentric Reducer	183.53	77.23
		For Work In Restricted Working Space, Add	*51.49*	
40 05 23 23-0637	EA	2-1/2", Type 304, Schedule 40 Stainless Steel Concentric Reducer	244.39	96.51
		For Work In Restricted Working Space, Add	*64.34*	
40 05 23 23-0638	EA	3", Type 304, Schedule 40 Stainless Steel Concentric Reducer	265.23	109.87
		For Work In Restricted Working Space, Add	*73.25*	
40 05 23 23-0639	EA	4", Type 304, Schedule 40 Stainless Steel Concentric Reducer	307.17	128.74
		For Work In Restricted Working Space, Add	*85.83*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0640	EA	6", Type 304, Schedule 40 Stainless Steel Concentric Reducer	419.21	163.90
		For Work In Restricted Working Space, Add	*109.27*	
40 05 23 23-0641	EA	8", Type 304, Schedule 40 Stainless Steel Concentric Reducer	739.35	271.40
		For Work In Restricted Working Space, Add	*180.93*	
40 05 23 23-0642	EA	10", Type 304, Schedule 40 Stainless Steel Concentric Reducer	963.36	339.25
		For Work In Restricted Working Space, Add	*226.17*	
40 05 23 23-0643	EA	12", Type 304, Schedule 40 Stainless Steel Concentric Reducer	1,255.20	452.33
		For Work In Restricted Working Space, Add	*301.55*	
40 05 23 23-0644	EA	14", Type 304, Schedule 40 Stainless Steel Concentric Reducer	1,852.40	593.69
		For Work In Restricted Working Space, Add	*395.79*	
40 05 23 23-0645	EA	16", Type 304, Schedule 40 Stainless Steel Concentric Reducer	2,181.00	676.56
		For Work In Restricted Working Space, Add	*451.04*	
40 05 23 23-0646	EA	18", Type 304, Schedule 40 Stainless Steel Concentric Reducer	2,863.67	848.12
		For Work In Restricted Working Space, Add	*565.41*	
40 05 23 23-0647	EA	20", Type 304, Schedule 40 Stainless Steel Concentric Reducer	3,915.64	1,130.83
		For Work In Restricted Working Space, Add	*753.89*	
40 05 23 23-0648	EA	24", Type 304, Schedule 40 Stainless Steel Concentric Reducer	5,431.37	1,696.24
		For Work In Restricted Working Space, Add	*1,130.83*	
40 05 23 23-0649	EA	3/4", Type 304, Schedule 40 Stainless Steel Eccentric Reducer	158.38	53.13
		For Work In Restricted Working Space, Add	*35.41*	
40 05 23 23-0650	EA	1", Type 304, Schedule 40 Stainless Steel Eccentric Reducer	168.96	57.88
		For Work In Restricted Working Space, Add	*38.59*	
40 05 23 23-0651	EA	1-1/4", Type 304, Schedule 40 Stainless Steel Eccentric Reducer	193.25	64.17
		For Work In Restricted Working Space, Add	*42.78*	
40 05 23 23-0652	EA	1-1/2", Type 304, Schedule 40 Stainless Steel Eccentric Reducer	204.28	69.94
		For Work In Restricted Working Space, Add	*46.62*	
40 05 23 23-0653	EA	2", Type 304, Schedule 40 Stainless Steel Eccentric Reducer	218.05	77.23
		For Work In Restricted Working Space, Add	*51.49*	
40 05 23 23-0654	EA	2-1/2", Type 304, Schedule 40 Stainless Steel Eccentric Reducer	265.16	96.51
		For Work In Restricted Working Space, Add	*64.34*	
40 05 23 23-0655	EA	3", Type 304, Schedule 40 Stainless Steel Eccentric Reducer	334.57	109.87
		For Work In Restricted Working Space, Add	*73.25*	
40 05 23 23-0656	EA	4", Type 304, Schedule 40 Stainless Steel Eccentric Reducer	364.29	128.74
		For Work In Restricted Working Space, Add	*85.83*	
40 05 23 23-0657	EA	6", Type 304, Schedule 40 Stainless Steel Eccentric Reducer	499.23	163.90
		For Work In Restricted Working Space, Add	*109.27*	
40 05 23 23-0658	EA	8", Type 304, Schedule 40 Stainless Steel Eccentric Reducer	812.58	271.40
		For Work In Restricted Working Space, Add	*180.93*	
40 05 23 23-0659	EA	10", Type 304, Schedule 40 Stainless Steel Eccentric Reducer	1,110.80	339.25
		For Work In Restricted Working Space, Add	*226.17*	
40 05 23 23-0660	EA	12", Type 304, Schedule 40 Stainless Steel Eccentric Reducer	1,516.46	452.33
		For Work In Restricted Working Space, Add	*301.55*	
40 05 23 23-0661	EA	14", Type 304, Schedule 40 Stainless Steel Eccentric Reducer	2,492.77	593.69
		For Work In Restricted Working Space, Add	*395.79*	
40 05 23 23-0662	EA	16", Type 304, Schedule 40 Stainless Steel Eccentric Reducer	2,827.30	676.56
		For Work In Restricted Working Space, Add	*451.04*	
40 05 23 23-0663	EA	18", Type 304, Schedule 40 Stainless Steel Eccentric Reducer	3,699.79	848.12
		For Work In Restricted Working Space, Add	*565.41*	
40 05 23 23-0664	EA	20", Type 304, Schedule 40 Stainless Steel Eccentric Reducer	4,806.20	1,130.83
		For Work In Restricted Working Space, Add	*753.89*	
40 05 23 23-0665	EA	24", Type 304, Schedule 40 Stainless Steel Eccentric Reducer	7,653.64	1,696.24
		For Work In Restricted Working Space, Add	*1,130.83*	

40 05 23 23-0666 Type 304, Schedule 40 Stainless Steel Butt Weld Caps *(40 05 23 23-0541)*

40 05 23 23-0667	EA	1/2", Type 304, Schedule 40 Stainless Steel Cap	71.50	27.51
		For Work In Restricted Working Space, Add	*18.34*	
40 05 23 23-0668	EA	3/4", Type 304, Schedule 40 Stainless Steel Cap	76.79	29.19
		For Work In Restricted Working Space, Add	*19.46*	
40 05 23 23-0669	EA	1", Type 304, Schedule 40 Stainless Steel Cap	86.26	32.09
		For Work In Restricted Working Space, Add	*21.39*	
40 05 23 23-0670	EA	1-1/4", Type 304, Schedule 40 Stainless Steel Cap	98.14	34.97
		For Work In Restricted Working Space, Add	*23.31*	
40 05 23 23-0671	EA	1-1/2", Type 304, Schedule 40 Stainless Steel Cap	104.76	38.62
		For Work In Restricted Working Space, Add	*25.75*	
40 05 23 23-0672	EA	2", Type 304, Schedule 40 Stainless Steel Cap	108.30	42.95
		For Work In Restricted Working Space, Add	*28.64*	
40 05 23 23-0673	EA	2-1/2", Type 304, Schedule 40 Stainless Steel Cap	139.07	54.99
		For Work In Restricted Working Space, Add	*36.66*	
40 05 23 23-0674	EA	3", Type 304, Schedule 40 Stainless Steel Cap	160.62	64.45
		For Work In Restricted Working Space, Add	*42.96*	
40 05 23 23-0675	EA	4", Type 304, Schedule 40 Stainless Steel Cap	195.84	77.13
		For Work In Restricted Working Space, Add	*51.42*	
40 05 23 23-0676	EA	6", Type 304, Schedule 40 Stainless Steel Cap	270.96	96.51
		For Work In Restricted Working Space, Add	*64.34*	
40 05 23 23-0677	EA	8", Type 304, Schedule 40 Stainless Steel Cap	474.26	169.62
		For Work In Restricted Working Space, Add	*113.08*	
40 05 23 23-0678	EA	10", Type 304, Schedule 40 Stainless Steel Cap	634.54	226.17
		For Work In Restricted Working Space, Add	*150.78*	
40 05 23 23-0679	EA	12", Type 304, Schedule 40 Stainless Steel Cap	956.75	339.24
		For Work In Restricted Working Space, Add	*226.17*	
40 05 23 23-0680	EA	14", Type 304, Schedule 40 Stainless Steel Cap	1,097.89	395.79
		For Work In Restricted Working Space, Add	*263.86*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0681	EA	16", Type 304, Schedule 40 Stainless Steel Cap	1,292.58	451.47
		For Work In Restricted Working Space, Add	*300.98*	
40 05 23 23-0682	EA	18", Type 304, Schedule 40 Stainless Steel Cap	1,623.14	565.41
		For Work In Restricted Working Space, Add	*376.94*	
40 05 23 23-0683	EA	20", Type 304, Schedule 40 Stainless Steel Cap	2,234.33	791.58
		For Work In Restricted Working Space, Add	*527.72*	
40 05 23 23-0684	EA	24", Type 304, Schedule 40 Stainless Steel Cap	3,332.84	1,130.82
		For Work In Restricted Working Space, Add	*753.89*	

40 05 23 23-0685 Type 316, Schedule 10 Stainless Steel Pipe And Butt Weld Fittings *(40 05 23 23-0231)*

40 05 23 23-0686 Type 316, Schedule 10 Stainless Steel Pipe *(40 05 23 23-0685)*

40 05 23 23-0687	LF	1/2" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	26.58	4.83
		For Work In Restricted Working Space, Add	*2.90*	
40 05 23 23-0688	LF	3/4" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	31.39	5.90
		For Work In Restricted Working Space, Add	*3.54*	
40 05 23 23-0689	LF	1" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	43.03	6.97
		For Work In Restricted Working Space, Add	*4.15*	
40 05 23 23-0690	LF	1-1/4" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	52.20	8.69
		For Work In Restricted Working Space, Add	*5.19*	
40 05 23 23-0691	LF	1-1/2" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	57.88	9.76
		For Work In Restricted Working Space, Add	*5.85*	
40 05 23 23-0692	LF	2" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	71.54	12.12
		For Work In Restricted Working Space, Add	*7.25*	
40 05 23 23-0693	LF	2-1/2" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	86.55	13.83
		For Work In Restricted Working Space, Add	*8.28*	
40 05 23 23-0694	LF	3" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	103.33	15.55
		For Work In Restricted Working Space, Add	*9.32*	
40 05 23 23-0695	LF	4" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	131.57	18.44
		For Work In Restricted Working Space, Add	*11.03*	
40 05 23 23-0696	LF	6" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	196.26	24.24
		For Work In Restricted Working Space, Add	*14.49*	
40 05 23 23-0697	LF	8" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	322.51	44.80
		For Work In Restricted Working Space, Add	*28.79*	
40 05 23 23-0698	LF	10" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	424.57	49.26
		For Work In Restricted Working Space, Add	*31.66*	
40 05 23 23-0699	LF	12" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	514.91	54.76
		For Work In Restricted Working Space, Add	*35.18*	
40 05 23 23-0700	LF	14" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	642.67	61.57
		For Work In Restricted Working Space, Add	*39.58*	
40 05 23 23-0701	LF	16" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	703.53	70.37
		For Work In Restricted Working Space, Add	*45.23*	
40 05 23 23-0702	LF	18" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	783.06	82.09
		For Work In Restricted Working Space, Add	*52.77*	
40 05 23 23-0703	LF	20" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	1,111.84	98.50
		For Work In Restricted Working Space, Add	*63.33*	
40 05 23 23-0704	LF	24" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	1,458.50	123.13
		For Work In Restricted Working Space, Add	*79.16*	

40 05 23 23-0705 Type 316, Schedule 10 Stainless Steel Butt Weld 90 Degree Elbows *(40 05 23 23-0685)*

40 05 23 23-0706	EA	1/2", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow	128.95	55.01
		For Work In Restricted Working Space, Add	*36.67*	
40 05 23 23-0707	EA	3/4", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow	136.47	58.39
		For Work In Restricted Working Space, Add	*38.93*	
40 05 23 23-0708	EA	1", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow	150.54	64.17
		For Work In Restricted Working Space, Add	*42.78*	
40 05 23 23-0709	EA	1-1/4", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow	164.96	69.94
		For Work In Restricted Working Space, Add	*46.62*	
40 05 23 23-0710	EA	1-1/2", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow	181.09	77.23
		For Work In Restricted Working Space, Add	*51.49*	
40 05 23 23-0711	EA	2", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow	202.55	85.93
		For Work In Restricted Working Space, Add	*57.28*	
40 05 23 23-0712	EA	2-1/2", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow	264.53	109.97
		For Work In Restricted Working Space, Add	*73.31*	
40 05 23 23-0713	EA	3", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow	311.46	128.88
		For Work In Restricted Working Space, Add	*85.92*	
40 05 23 23-0714	EA	4", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow	383.13	154.27
		For Work In Restricted Working Space, Add	*102.84*	
40 05 23 23-0715	EA	6", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow	535.75	192.71
		For Work In Restricted Working Space, Add	*128.47*	
40 05 23 23-0716	EA	8", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow	951.81	339.25
		For Work In Restricted Working Space, Add	*226.17*	
40 05 23 23-0717	EA	10", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow	1,436.95	452.33
		For Work In Restricted Working Space, Add	*301.55*	
40 05 23 23-0718	EA	12", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow	2,155.30	678.49
		For Work In Restricted Working Space, Add	*452.33*	
40 05 23 23-0719	EA	14", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow	2,514.80	791.58
		For Work In Restricted Working Space, Add	*527.72*	
40 05 23 23-0720	EA	16", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow	3,004.02	902.93
		For Work In Restricted Working Space, Add	*601.96*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0721	EA	18", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow	3,782.72	1,130.83
		For Work In Restricted Working Space, Add	*753.89*	
40 05 23 23-0722	EA	20", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow	5,282.64	1,583.15
		For Work In Restricted Working Space, Add	*1,055.44*	
40 05 23 23-0723	EA	24", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow	7,600.14	2,261.65
		For Work In Restricted Working Space, Add	*1,507.77*	
40 05 23 23-0724		**Type 316, Schedule 10 Stainless Steel Butt Weld 45 Degree Elbows** *(40 05 23 23-0685)*		
40 05 23 23-0725	EA	1/2", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow	130.78	55.01
		For Work In Restricted Working Space, Add	*36.67*	
40 05 23 23-0726	EA	3/4", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow	138.30	58.39
		For Work In Restricted Working Space, Add	*38.93*	
40 05 23 23-0727	EA	1", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow	152.37	64.17
		For Work In Restricted Working Space, Add	*42.78*	
40 05 23 23-0728	EA	1-1/4", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow	167.41	69.94
		For Work In Restricted Working Space, Add	*46.62*	
40 05 23 23-0729	EA	1-1/2", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow	181.09	77.23
		For Work In Restricted Working Space, Add	*51.49*	
40 05 23 23-0730	EA	2", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow	202.55	85.93
		For Work In Restricted Working Space, Add	*57.28*	
40 05 23 23-0731	EA	2-1/2", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow	262.70	109.97
		For Work In Restricted Working Space, Add	*73.31*	
40 05 23 23-0732	EA	3", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow	308.71	128.88
		For Work In Restricted Working Space, Add	*85.92*	
40 05 23 23-0733	EA	4", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow	376.71	154.27
		For Work In Restricted Working Space, Add	*102.84*	
40 05 23 23-0734	EA	6", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow	497.88	192.71
		For Work In Restricted Working Space, Add	*128.47*	
40 05 23 23-0735	EA	8", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow	883.85	339.25
		For Work In Restricted Working Space, Add	*226.17*	
40 05 23 23-0736	EA	10", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow	1,409.60	452.33
		For Work In Restricted Working Space, Add	*301.55*	
40 05 23 23-0737	EA	12", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow	2,064.59	678.49
		For Work In Restricted Working Space, Add	*452.33*	
40 05 23 23-0738	EA	14", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow	2,429.80	791.58
		For Work In Restricted Working Space, Add	*527.72*	
40 05 23 23-0739	EA	16", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow	2,848.17	902.93
		For Work In Restricted Working Space, Add	*601.96*	
40 05 23 23-0740	EA	18", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow	3,599.19	1,130.83
		For Work In Restricted Working Space, Add	*753.89*	
40 05 23 23-0741	EA	20", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow	5,117.73	1,583.15
		For Work In Restricted Working Space, Add	*1,055.44*	
40 05 23 23-0742	EA	24", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow	7,380.50	2,261.65
		For Work In Restricted Working Space, Add	*1,507.77*	
40 05 23 23-0743		**Type 316, Schedule 10 Stainless Steel Butt Weld Tees** *(40 05 23 23-0685)*		
40 05 23 23-0744	EA	1/2", Type 316, Schedule 10 Stainless Steel Tee	176.14	69.92
		For Work In Restricted Working Space, Add	*46.61*	
40 05 23 23-0745	EA	3/4", Type 316, Schedule 10 Stainless Steel Tee	211.49	85.83
		For Work In Restricted Working Space, Add	*57.22*	
40 05 23 23-0746	EA	1", Type 316, Schedule 10 Stainless Steel Tee	235.06	96.44
		For Work In Restricted Working Space, Add	*64.29*	
40 05 23 23-0747	EA	1-1/4", Type 316, Schedule 10 Stainless Steel Tee	270.36	109.97
		For Work In Restricted Working Space, Add	*73.31*	
40 05 23 23-0748	EA	1-1/2", Type 316, Schedule 10 Stainless Steel Tee	284.91	118.04
		For Work In Restricted Working Space, Add	*78.69*	
40 05 23 23-0749	EA	2", Type 316, Schedule 10 Stainless Steel Tee	309.31	128.74
		For Work In Restricted Working Space, Add	*85.83*	
40 05 23 23-0750	EA	2-1/2", Type 316, Schedule 10 Stainless Steel Tee	377.02	154.27
		For Work In Restricted Working Space, Add	*102.84*	
40 05 23 23-0751	EA	3", Type 316, Schedule 10 Stainless Steel Tee	472.69	193.33
		For Work In Restricted Working Space, Add	*128.89*	
40 05 23 23-0752	EA	4", Type 316, Schedule 10 Stainless Steel Tee	545.37	216.98
		For Work In Restricted Working Space, Add	*144.65*	
40 05 23 23-0753	EA	6", Type 316, Schedule 10 Stainless Steel Tee	813.92	289.29
		For Work In Restricted Working Space, Add	*192.86*	
40 05 23 23-0754	EA	8", Type 316, Schedule 10 Stainless Steel Tee	1,419.14	452.33
		For Work In Restricted Working Space, Add	*301.55*	
40 05 23 23-0755	EA	10", Type 316, Schedule 10 Stainless Steel Tee	2,217.97	678.49
		For Work In Restricted Working Space, Add	*452.33*	
40 05 23 23-0756	EA	12", Type 316, Schedule 10 Stainless Steel Tee	2,858.46	848.12
		For Work In Restricted Working Space, Add	*565.41*	
40 05 23 23-0757	EA	14", Type 316, Schedule 10 Stainless Steel Tee	3,679.58	1,019.20
		For Work In Restricted Working Space, Add	*679.47*	
40 05 23 23-0758	EA	16", Type 316, Schedule 10 Stainless Steel Tee	4,338.95	1,243.32
		For Work In Restricted Working Space, Add	*828.88*	
40 05 23 23-0759	EA	18", Type 316, Schedule 10 Stainless Steel Tee	5,514.44	1,583.15
		For Work In Restricted Working Space, Add	*1,055.44*	
40 05 23 23-0760	EA	20", Type 316, Schedule 10 Stainless Steel Tee	7,444.71	2,083.11
		For Work In Restricted Working Space, Add	*1,388.73*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0761	EA	24", Type 316, Schedule 10 Stainless Steel Tee	10,622.72	3,166.31
		For Work In Restricted Working Space, Add	*2,110.88*	

40 05 23 23-0762 Type 316, Schedule 10 Stainless Steel Butt Weld Reducing Tees *(40 05 23 23-0685)*

40 05 23 23-0763	EA	3/4", Type 316, Schedule 10 Stainless Steel Reducing Tee	169.21	58.41
		For Work In Restricted Working Space, Add	*38.94*	
40 05 23 23-0764	EA	1", Type 316, Schedule 10 Stainless Steel Reducing Tee	200.28	71.58
		For Work In Restricted Working Space, Add	*47.72*	
40 05 23 23-0765	EA	1-1/4", Type 316, Schedule 10 Stainless Steel Reducing Tee	247.14	80.43
		For Work In Restricted Working Space, Add	*53.62*	
40 05 23 23-0766	EA	1-1/2", Type 316, Schedule 10 Stainless Steel Reducing Tee	250.78	91.68
		For Work In Restricted Working Space, Add	*61.12*	
40 05 23 23-0767	EA	2", Type 316, Schedule 10 Stainless Steel Reducing Tee	265.97	98.51
		For Work In Restricted Working Space, Add	*65.68*	
40 05 23 23-0768	EA	2-1/2", Type 316, Schedule 10 Stainless Steel Reducing Tee	370.23	107.36
		For Work In Restricted Working Space, Add	*71.58*	
40 05 23 23-0769	EA	3", Type 316, Schedule 10 Stainless Steel Reducing Tee	353.49	128.69
		For Work In Restricted Working Space, Add	*85.80*	
40 05 23 23-0770	EA	4", Type 316, Schedule 10 Stainless Steel Reducing Tee	479.61	160.85
		For Work In Restricted Working Space, Add	*107.23*	
40 05 23 23-0771	EA	6", Type 316, Schedule 10 Stainless Steel Reducing Tee	690.32	183.78
		For Work In Restricted Working Space, Add	*122.52*	
40 05 23 23-0772	EA	8", Type 316, Schedule 10 Stainless Steel Reducing Tee	1,388.90	282.71
		For Work In Restricted Working Space, Add	*188.47*	
40 05 23 23-0773	EA	10", Type 316, Schedule 10 Stainless Steel Reducing Tee	2,562.19	376.94
		For Work In Restricted Working Space, Add	*251.30*	
40 05 23 23-0774	EA	12", Type 316, Schedule 10 Stainless Steel Reducing Tee	3,346.18	565.41
		For Work In Restricted Working Space, Add	*376.94*	
40 05 23 23-0775	EA	14", Type 316, Schedule 10 Stainless Steel Reducing Tee	3,802.39	679.28
		For Work In Restricted Working Space, Add	*452.85*	
40 05 23 23-0776	EA	16", Type 316, Schedule 10 Stainless Steel Reducing Tee	4,712.89	828.58
		For Work In Restricted Working Space, Add	*552.39*	
40 05 23 23-0777	EA	18", Type 316, Schedule 10 Stainless Steel Reducing Tee	6,090.11	1,055.43
		For Work In Restricted Working Space, Add	*703.63*	
40 05 23 23-0778	EA	20", Type 316, Schedule 10 Stainless Steel Reducing Tee	8,693.84	1,388.74
		For Work In Restricted Working Space, Add	*925.82*	
40 05 23 23-0779	EA	24", Type 316, Schedule 10 Stainless Steel Reducing Tee	13,618.07	2,109.00
		For Work In Restricted Working Space, Add	*1,406.00*	

40 05 23 23-0780 Type 316, Schedule 10 Stainless Steel Butt Weld Reducers *(40 05 23 23-0685)*

40 05 23 23-0781	EA	3/4", Type 316, Schedule 10 Stainless Steel Concentric Reducer	131.17	53.13
		For Work In Restricted Working Space, Add	*35.41*	
40 05 23 23-0782	EA	1", Type 316, Schedule 10 Stainless Steel Concentric Reducer	144.83	57.88
		For Work In Restricted Working Space, Add	*38.59*	
40 05 23 23-0783	EA	1-1/4", Type 316, Schedule 10 Stainless Steel Concentric Reducer	161.70	64.17
		For Work In Restricted Working Space, Add	*42.78*	
40 05 23 23-0784	EA	1-1/2", Type 316, Schedule 10 Stainless Steel Concentric Reducer	168.85	69.94
		For Work In Restricted Working Space, Add	*46.62*	
40 05 23 23-0785	EA	2", Type 316, Schedule 10 Stainless Steel Concentric Reducer	183.53	77.23
		For Work In Restricted Working Space, Add	*51.49*	
40 05 23 23-0786	EA	2-1/2", Type 316, Schedule 10 Stainless Steel Concentric Reducer	243.11	96.51
		For Work In Restricted Working Space, Add	*64.34*	
40 05 23 23-0787	EA	3", Type 316, Schedule 10 Stainless Steel Concentric Reducer	283.56	109.87
		For Work In Restricted Working Space, Add	*73.25*	
40 05 23 23-0788	EA	4", Type 316, Schedule 10 Stainless Steel Concentric Reducer	309.35	128.74
		For Work In Restricted Working Space, Add	*85.83*	
40 05 23 23-0789	EA	6", Type 316, Schedule 10 Stainless Steel Concentric Reducer	431.73	163.90
		For Work In Restricted Working Space, Add	*109.27*	
40 05 23 23-0790	EA	8", Type 316, Schedule 10 Stainless Steel Concentric Reducer	703.14	271.40
		For Work In Restricted Working Space, Add	*180.93*	
40 05 23 23-0791	EA	10", Type 316, Schedule 10 Stainless Steel Concentric Reducer	910.92	339.25
		For Work In Restricted Working Space, Add	*226.17*	
40 05 23 23-0792	EA	12", Type 316, Schedule 10 Stainless Steel Concentric Reducer	1,218.93	452.33
		For Work In Restricted Working Space, Add	*301.55*	
40 05 23 23-0793	EA	14", Type 316, Schedule 10 Stainless Steel Concentric Reducer	1,733.52	593.69
		For Work In Restricted Working Space, Add	*395.79*	
40 05 23 23-0794	EA	16", Type 316, Schedule 10 Stainless Steel Concentric Reducer	2,013.10	676.56
		For Work In Restricted Working Space, Add	*451.04*	
40 05 23 23-0795	EA	18", Type 316, Schedule 10 Stainless Steel Concentric Reducer	2,492.38	848.12
		For Work In Restricted Working Space, Add	*565.41*	
40 05 23 23-0796	EA	20", Type 316, Schedule 10 Stainless Steel Concentric Reducer	3,507.97	1,130.83
		For Work In Restricted Working Space, Add	*753.89*	
40 05 23 23-0797	EA	24", Type 316, Schedule 10 Stainless Steel Concentric Reducer	5,103.58	1,696.24
		For Work In Restricted Working Space, Add	*1,130.83*	
40 05 23 23-0798	EA	3/4", Type 316, Schedule 10 Stainless Steel Eccentric Reducer	154.91	53.13
		For Work In Restricted Working Space, Add	*35.41*	
40 05 23 23-0799	EA	1", Type 316, Schedule 10 Stainless Steel Eccentric Reducer	173.02	57.88
		For Work In Restricted Working Space, Add	*38.59*	
40 05 23 23-0800	EA	1-1/4", Type 316, Schedule 10 Stainless Steel Eccentric Reducer	195.13	64.17
		For Work In Restricted Working Space, Add	*42.78*	
40 05 23 23-0801	EA	1-1/2", Type 316, Schedule 10 Stainless Steel Eccentric Reducer	207.94	69.94
		For Work In Restricted Working Space, Add	*46.62*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0802	EA	2", Type 316, Schedule 10 Stainless Steel Eccentric Reducer	207.66	77.23
		For Work In Restricted Working Space, Add	*51.49*	
40 05 23 23-0803	EA	2-1/2", Type 316, Schedule 10 Stainless Steel Eccentric Reducer	276.46	96.51
		For Work In Restricted Working Space, Add	*64.34*	
40 05 23 23-0804	EA	3", Type 316, Schedule 10 Stainless Steel Eccentric Reducer	317.77	109.87
		For Work In Restricted Working Space, Add	*73.25*	
40 05 23 23-0805	EA	4", Type 316, Schedule 10 Stainless Steel Eccentric Reducer	355.74	128.74
		For Work In Restricted Working Space, Add	*85.83*	
40 05 23 23-0806	EA	6", Type 316, Schedule 10 Stainless Steel Eccentric Reducer	511.45	163.90
		For Work In Restricted Working Space, Add	*109.27*	
40 05 23 23-0807	EA	8", Type 316, Schedule 10 Stainless Steel Eccentric Reducer	875.90	271.40
		For Work In Restricted Working Space, Add	*180.93*	
40 05 23 23-0808	EA	10", Type 316, Schedule 10 Stainless Steel Eccentric Reducer	1,208.45	339.25
		For Work In Restricted Working Space, Add	*226.17*	
40 05 23 23-0809	EA	12", Type 316, Schedule 10 Stainless Steel Eccentric Reducer	1,527.67	452.33
		For Work In Restricted Working Space, Add	*301.55*	
40 05 23 23-0810	EA	14", Type 316, Schedule 10 Stainless Steel Eccentric Reducer	2,319.00	593.69
		For Work In Restricted Working Space, Add	*395.79*	
40 05 23 23-0811	EA	16", Type 316, Schedule 10 Stainless Steel Eccentric Reducer	2,720.74	676.56
		For Work In Restricted Working Space, Add	*451.04*	
40 05 23 23-0812	EA	18", Type 316, Schedule 10 Stainless Steel Eccentric Reducer	3,371.56	848.12
		For Work In Restricted Working Space, Add	*565.41*	
40 05 23 23-0813	EA	20", Type 316, Schedule 10 Stainless Steel Eccentric Reducer	4,914.06	1,130.83
		For Work In Restricted Working Space, Add	*753.89*	
40 05 23 23-0814	EA	24", Type 316, Schedule 10 Stainless Steel Eccentric Reducer	6,773.42	1,696.24
		For Work In Restricted Working Space, Add	*1,130.83*	

40 05 23 23-0815 Type 316, Schedule 10 Stainless Steel Butt Weld Caps *(40 05 23 23-0685)*

40 05 23 23-0816	EA	1/2", Type 316, Schedule 10 Stainless Steel Cap	74.56	27.51
		For Work In Restricted Working Space, Add	*18.34*	
40 05 23 23-0817	EA	3/4", Type 316, Schedule 10 Stainless Steel Cap	82.90	29.19
		For Work In Restricted Working Space, Add	*19.46*	
40 05 23 23-0818	EA	1", Type 316, Schedule 10 Stainless Steel Cap	90.84	32.09
		For Work In Restricted Working Space, Add	*21.39*	
40 05 23 23-0819	EA	1-1/4", Type 316, Schedule 10 Stainless Steel Cap	99.36	34.97
		For Work In Restricted Working Space, Add	*23.31*	
40 05 23 23-0820	EA	1-1/2", Type 316, Schedule 10 Stainless Steel Cap	107.20	38.62
		For Work In Restricted Working Space, Add	*25.75*	
40 05 23 23-0821	EA	2", Type 316, Schedule 10 Stainless Steel Cap	112.27	42.95
		For Work In Restricted Working Space, Add	*28.64*	
40 05 23 23-0822	EA	2-1/2", Type 316, Schedule 10 Stainless Steel Cap	139.96	54.99
		For Work In Restricted Working Space, Add	*36.66*	
40 05 23 23-0823	EA	3", Type 316, Schedule 10 Stainless Steel Cap	165.81	64.45
		For Work In Restricted Working Space, Add	*42.96*	
40 05 23 23-0824	EA	4", Type 316, Schedule 10 Stainless Steel Cap	198.59	77.13
		For Work In Restricted Working Space, Add	*51.42*	
40 05 23 23-0825	EA	6", Type 316, Schedule 10 Stainless Steel Cap	259.66	96.51
		For Work In Restricted Working Space, Add	*64.34*	
40 05 23 23-0826	EA	8", Type 316, Schedule 10 Stainless Steel Cap	458.09	169.62
		For Work In Restricted Working Space, Add	*113.08*	
40 05 23 23-0827	EA	10", Type 316, Schedule 10 Stainless Steel Cap	607.66	226.17
		For Work In Restricted Working Space, Add	*150.78*	
40 05 23 23-0828	EA	12", Type 316, Schedule 10 Stainless Steel Cap	894.69	339.24
		For Work In Restricted Working Space, Add	*226.17*	
40 05 23 23-0829	EA	14", Type 316, Schedule 10 Stainless Steel Cap	1,040.53	395.79
		For Work In Restricted Working Space, Add	*263.86*	
40 05 23 23-0830	EA	16", Type 316, Schedule 10 Stainless Steel Cap	1,196.58	451.47
		For Work In Restricted Working Space, Add	*300.98*	
40 05 23 23-0831	EA	18", Type 316, Schedule 10 Stainless Steel Cap	1,508.29	565.41
		For Work In Restricted Working Space, Add	*376.94*	
40 05 23 23-0832	EA	20", Type 316, Schedule 10 Stainless Steel Cap	2,089.33	791.58
		For Work In Restricted Working Space, Add	*527.72*	
40 05 23 23-0833	EA	24", Type 316, Schedule 10 Stainless Steel Cap	3,160.43	1,130.82
		For Work In Restricted Working Space, Add	*753.89*	

40 05 23 23-0834 Type 316, Schedule 40 Stainless Steel Pipe And Butt Weld Fittings *(40 05 23 23-0231)*

40 05 23 23-0835 Type 316, Schedule 40 Stainless Steel Pipe *(40 05 23 23-0834)*

40 05 23 23-0836	LF	1/2" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting	31.10	4.83
		For Work In Restricted Working Space, Add	*2.90*	
40 05 23 23-0837	LF	3/4" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting	37.72	5.90
		For Work In Restricted Working Space, Add	*3.54*	
40 05 23 23-0838	LF	1" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting	46.75	6.97
		For Work In Restricted Working Space, Add	*4.15*	
40 05 23 23-0839	LF	1-1/4" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting	58.43	8.57
		For Work In Restricted Working Space, Add	*5.19*	
40 05 23 23-0840	LF	1-1/2" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting	67.70	9.65
		For Work In Restricted Working Space, Add	*5.85*	
40 05 23 23-0841	LF	2" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting	87.45	12.33
		For Work In Restricted Working Space, Add	*7.25*	
40 05 23 23-0842	LF	2-1/2" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting	110.59	13.94
		For Work In Restricted Working Space, Add	*8.28*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0843	LF	3" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting	104.14	15.55
		For Work In Restricted Working Space, Add	*9.32*	
40 05 23 23-0844	LF	4" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting	184.54	18.23
		For Work In Restricted Working Space, Add	*11.03*	
40 05 23 23-0845	LF	6" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting	295.15	24.12
		For Work In Restricted Working Space, Add	*14.49*	
40 05 23 23-0846	LF	8" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting	519.13	44.56
		For Work In Restricted Working Space, Add	*28.79*	
40 05 23 23-0847	LF	10" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting	669.78	49.26
		For Work In Restricted Working Space, Add	*31.66*	
40 05 23 23-0848	LF	12" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting	846.08	54.53
		For Work In Restricted Working Space, Add	*35.18*	

40 05 23 23-0849 Type 316, Schedule 40 Stainless Steel Butt Weld 90 Degree Elbows *(40 05 23 23-0834)*

40 05 23 23-0850	EA	1/2", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow	130.48	55.01
		For Work In Restricted Working Space, Add	*36.67*	
40 05 23 23-0851	EA	3/4", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow	138.00	58.39
		For Work In Restricted Working Space, Add	*38.93*	
40 05 23 23-0852	EA	1", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow	152.07	64.17
		For Work In Restricted Working Space, Add	*42.78*	
40 05 23 23-0853	EA	1-1/4", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow	165.63	69.94
		For Work In Restricted Working Space, Add	*46.62*	
40 05 23 23-0854	EA	1-1/2", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow	182.62	77.23
		For Work In Restricted Working Space, Add	*51.49*	
40 05 23 23-0855	EA	2", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow	206.21	85.93
		For Work In Restricted Working Space, Add	*57.28*	
40 05 23 23-0856	EA	2-1/2", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow	275.83	109.97
		For Work In Restricted Working Space, Add	*73.31*	
40 05 23 23-0857	EA	3", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow	327.34	128.88
		For Work In Restricted Working Space, Add	*85.92*	
40 05 23 23-0858	EA	4", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow	417.95	154.27
		For Work In Restricted Working Space, Add	*102.84*	
40 05 23 23-0859	EA	6", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow	657.92	192.71
		For Work In Restricted Working Space, Add	*128.47*	
40 05 23 23-0860	EA	8", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow	1,185.67	339.25
		For Work In Restricted Working Space, Add	*226.17*	
40 05 23 23-0861	EA	10", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow	1,948.24	452.33
		For Work In Restricted Working Space, Add	*301.55*	
40 05 23 23-0862	EA	12", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow	2,773.80	678.49
		For Work In Restricted Working Space, Add	*452.33*	
40 05 23 23-0863	EA	14", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow	3,098.58	791.58
		For Work In Restricted Working Space, Add	*527.72*	
40 05 23 23-0864	EA	16", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow	3,766.16	902.93
		For Work In Restricted Working Space, Add	*601.96*	
40 05 23 23-0865	EA	18", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow	4,810.60	1,130.83
		For Work In Restricted Working Space, Add	*753.89*	
40 05 23 23-0866	EA	20", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow	6,491.60	1,583.15
		For Work In Restricted Working Space, Add	*1,055.44*	
40 05 23 23-0867	EA	24", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow	9,425.01	2,261.65
		For Work In Restricted Working Space, Add	*1,507.77*	

40 05 23 23-0868 Type 316, Schedule 40 Stainless Steel Butt Weld 45 Degree Elbows *(40 05 23 23-0834)*

40 05 23 23-0869	EA	1/2", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow	133.53	55.01
		For Work In Restricted Working Space, Add	*36.67*	
40 05 23 23-0870	EA	3/4", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow	141.05	58.39
		For Work In Restricted Working Space, Add	*38.93*	
40 05 23 23-0871	EA	1", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow	153.90	64.17
		For Work In Restricted Working Space, Add	*42.78*	
40 05 23 23-0872	EA	1-1/4", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow	166.52	69.94
		For Work In Restricted Working Space, Add	*46.62*	
40 05 23 23-0873	EA	1-1/2", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow	184.45	77.23
		For Work In Restricted Working Space, Add	*51.49*	
40 05 23 23-0874	EA	2", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow	206.21	85.93
		For Work In Restricted Working Space, Add	*57.28*	
40 05 23 23-0875	EA	2-1/2", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow	275.83	109.97
		For Work In Restricted Working Space, Add	*73.31*	
40 05 23 23-0876	EA	3", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow	315.43	128.88
		For Work In Restricted Working Space, Add	*85.92*	
40 05 23 23-0877	EA	4", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow	395.34	154.27
		For Work In Restricted Working Space, Add	*102.84*	
40 05 23 23-0878	EA	6", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow	565.07	192.71
		For Work In Restricted Working Space, Add	*128.47*	
40 05 23 23-0879	EA	8", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow	1,022.08	339.25
		For Work In Restricted Working Space, Add	*226.17*	
40 05 23 23-0880	EA	10", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow	1,571.23	452.33
		For Work In Restricted Working Space, Add	*301.55*	
40 05 23 23-0881	EA	12", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow	2,269.09	678.49
		For Work In Restricted Working Space, Add	*452.33*	
40 05 23 23-0882	EA	14", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow	2,576.22	791.58
		For Work In Restricted Working Space, Add	*527.72*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0883	EA	16", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow	2,909.18	902.93
		For Work In Restricted Working Space, Add	*601.96*	
40 05 23 23-0884	EA	18", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow	3,743.72	1,130.83
		For Work In Restricted Working Space, Add	*753.89*	
40 05 23 23-0885	EA	20", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow	5,084.27	1,583.15
		For Work In Restricted Working Space, Add	*1,055.44*	
40 05 23 23-0886	EA	24", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow	7,545.57	2,261.65
		For Work In Restricted Working Space, Add	*1,507.77*	

40 05 23 23-0887 Type 316, Schedule 40 Stainless Steel Butt Weld Tees *(40 05 23 23-0834)*

40 05 23 23-0888	EA	1/2", Type 316, Schedule 40 Stainless Steel Tee	177.97	69.92
		For Work In Restricted Working Space, Add	*46.61*	
40 05 23 23-0889	EA	3/4", Type 316, Schedule 40 Stainless Steel Tee	213.32	85.83
		For Work In Restricted Working Space, Add	*57.22*	
40 05 23 23-0890	EA	1", Type 316, Schedule 40 Stainless Steel Tee	236.89	96.44
		For Work In Restricted Working Space, Add	*64.29*	
40 05 23 23-0891	EA	1-1/4", Type 316, Schedule 40 Stainless Steel Tee	273.02	109.97
		For Work In Restricted Working Space, Add	*73.31*	
40 05 23 23-0892	EA	1-1/2", Type 316, Schedule 40 Stainless Steel Tee	284.91	118.04
		For Work In Restricted Working Space, Add	*78.69*	
40 05 23 23-0893	EA	2", Type 316, Schedule 40 Stainless Steel Tee	310.53	128.74
		For Work In Restricted Working Space, Add	*85.83*	
40 05 23 23-0894	EA	2-1/2", Type 316, Schedule 40 Stainless Steel Tee	387.90	154.27
		For Work In Restricted Working Space, Add	*102.84*	
40 05 23 23-0895	EA	3", Type 316, Schedule 40 Stainless Steel Tee	478.49	193.33
		For Work In Restricted Working Space, Add	*128.89*	
40 05 23 23-0896	EA	4", Type 316, Schedule 40 Stainless Steel Tee	555.45	216.98
		For Work In Restricted Working Space, Add	*144.65*	
40 05 23 23-0897	EA	6", Type 316, Schedule 40 Stainless Steel Tee	885.70	289.29
		For Work In Restricted Working Space, Add	*192.86*	
40 05 23 23-0898	EA	8", Type 316, Schedule 40 Stainless Steel Tee	1,603.55	452.33
		For Work In Restricted Working Space, Add	*301.55*	
40 05 23 23-0899	EA	10", Type 316, Schedule 40 Stainless Steel Tee	2,704.85	678.49
		For Work In Restricted Working Space, Add	*452.33*	
40 05 23 23-0900	EA	12", Type 316, Schedule 40 Stainless Steel Tee	3,325.23	848.12
		For Work In Restricted Working Space, Add	*565.41*	
40 05 23 23-0901	EA	14", Type 316, Schedule 40 Stainless Steel Tee	4,777.60	1,019.20
		For Work In Restricted Working Space, Add	*679.47*	
40 05 23 23-0902	EA	16", Type 316, Schedule 40 Stainless Steel Tee	5,921.23	1,243.32
		For Work In Restricted Working Space, Add	*828.88*	
40 05 23 23-0903	EA	18", Type 316, Schedule 40 Stainless Steel Tee	7,671.36	1,583.15
		For Work In Restricted Working Space, Add	*1,055.44*	
40 05 23 23-0904	EA	20", Type 316, Schedule 40 Stainless Steel Tee	9,964.68	2,083.11
		For Work In Restricted Working Space, Add	*1,388.73*	
40 05 23 23-0905	EA	24", Type 316, Schedule 40 Stainless Steel Tee	14,262.27	3,166.31
		For Work In Restricted Working Space, Add	*2,110.88*	

40 05 23 23-0906 Type 316, Schedule 40 Stainless Steel Butt Weld Reducing Tees *(40 05 23 23-0834)*

40 05 23 23-0907	EA	3/4", Type 316, Schedule 40 Stainless Steel Reducing Tee	175.01	58.41
		For Work In Restricted Working Space, Add	*38.94*	
40 05 23 23-0908	EA	1", Type 316, Schedule 40 Stainless Steel Reducing Tee	204.25	71.58
		For Work In Restricted Working Space, Add	*47.72*	
40 05 23 23-0909	EA	1-1/4", Type 316, Schedule 40 Stainless Steel Reducing Tee	271.57	80.43
		For Work In Restricted Working Space, Add	*53.62*	
40 05 23 23-0910	EA	1-1/2", Type 316, Schedule 40 Stainless Steel Reducing Tee	260.24	91.68
		For Work In Restricted Working Space, Add	*61.12*	
40 05 23 23-0911	EA	2", Type 316, Schedule 40 Stainless Steel Reducing Tee	265.97	98.51
		For Work In Restricted Working Space, Add	*65.68*	
40 05 23 23-0912	EA	2-1/2", Type 316, Schedule 40 Stainless Steel Reducing Tee	372.06	107.36
		For Work In Restricted Working Space, Add	*71.58*	
40 05 23 23-0913	EA	3", Type 316, Schedule 40 Stainless Steel Reducing Tee	366.62	128.69
		For Work In Restricted Working Space, Add	*85.80*	
40 05 23 23-0914	EA	4", Type 316, Schedule 40 Stainless Steel Reducing Tee	492.75	160.85
		For Work In Restricted Working Space, Add	*107.23*	
40 05 23 23-0915	EA	6", Type 316, Schedule 40 Stainless Steel Reducing Tee	698.57	183.78
		For Work In Restricted Working Space, Add	*122.52*	
40 05 23 23-0916	EA	8", Type 316, Schedule 40 Stainless Steel Reducing Tee	1,226.61	282.71
		For Work In Restricted Working Space, Add	*188.47*	
40 05 23 23-0917	EA	10", Type 316, Schedule 40 Stainless Steel Reducing Tee	2,602.77	376.94
		For Work In Restricted Working Space, Add	*251.30*	
40 05 23 23-0918	EA	12", Type 316, Schedule 40 Stainless Steel Reducing Tee	3,427.33	565.41
		For Work In Restricted Working Space, Add	*376.94*	
40 05 23 23-0919	EA	14", Type 316, Schedule 40 Stainless Steel Reducing Tee	3,891.43	679.28
		For Work In Restricted Working Space, Add	*452.85*	
40 05 23 23-0920	EA	16", Type 316, Schedule 40 Stainless Steel Reducing Tee	4,824.40	828.58
		For Work In Restricted Working Space, Add	*552.39*	
40 05 23 23-0921	EA	18", Type 316, Schedule 40 Stainless Steel Reducing Tee	6,235.53	1,055.43
		For Work In Restricted Working Space, Add	*703.63*	
40 05 23 23-0922	EA	20", Type 316, Schedule 40 Stainless Steel Reducing Tee	8,911.61	1,388.74
		For Work In Restricted Working Space, Add	*925.82*	
40 05 23 23-0923	EA	24", Type 316, Schedule 40 Stainless Steel Reducing Tee	13,964.90	2,109.00
		For Work In Restricted Working Space, Add	*1,406.00*	

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CSI	UOM	DESCRIPTION	MINOR TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0924		Type 316, Schedule 40 Stainless Steel Butt Weld Reducers *(40 05 23 23-0834)*		
40 05 23 23-0925	EA	3/4", Type 316, Schedule 40 Stainless Steel Concentric Reducer	136.06	53.13
		For Work In Restricted Working Space, Add	*35.41*	
40 05 23 23-0926	EA	1", Type 316, Schedule 40 Stainless Steel Concentric Reducer	149.71	57.88
		For Work In Restricted Working Space, Add	*38.59*	
40 05 23 23-0927	EA	1-1/4", Type 316, Schedule 40 Stainless Steel Concentric Reducer	163.92	64.17
		For Work In Restricted Working Space, Add	*42.78*	
40 05 23 23-0928	EA	1-1/2", Type 316, Schedule 40 Stainless Steel Concentric Reducer	174.35	69.94
		For Work In Restricted Working Space, Add	*46.62*	
40 05 23 23-0929	EA	2", Type 316, Schedule 40 Stainless Steel Concentric Reducer	186.89	77.23
		For Work In Restricted Working Space, Add	*51.49*	
40 05 23 23-0930	EA	2-1/2", Type 316, Schedule 40 Stainless Steel Concentric Reducer	253.86	96.51
		For Work In Restricted Working Space, Add	*64.34*	
40 05 23 23-0931	EA	3", Type 316, Schedule 40 Stainless Steel Concentric Reducer	271.65	109.87
		For Work In Restricted Working Space, Add	*73.25*	
40 05 23 23-0932	EA	4", Type 316, Schedule 40 Stainless Steel Concentric Reducer	313.59	128.74
		For Work In Restricted Working Space, Add	*85.83*	
40 05 23 23-0933	EA	6", Type 316, Schedule 40 Stainless Steel Concentric Reducer	433.87	163.90
		For Work In Restricted Working Space, Add	*109.27*	
40 05 23 23-0934	EA	8", Type 316, Schedule 40 Stainless Steel Concentric Reducer	767.05	271.40
		For Work In Restricted Working Space, Add	*180.93*	
40 05 23 23-0935	EA	10", Type 316, Schedule 40 Stainless Steel Concentric Reducer	1,031.32	339.25
		For Work In Restricted Working Space, Add	*226.17*	
40 05 23 23-0936	EA	12", Type 316, Schedule 40 Stainless Steel Concentric Reducer	1,305.35	452.33
		For Work In Restricted Working Space, Add	*301.55*	
40 05 23 23-0937	EA	14", Type 316, Schedule 40 Stainless Steel Concentric Reducer	1,898.13	593.69
		For Work In Restricted Working Space, Add	*395.79*	
40 05 23 23-0938	EA	16", Type 316, Schedule 40 Stainless Steel Concentric Reducer	2,188.30	676.56
		For Work In Restricted Working Space, Add	*451.04*	
40 05 23 23-0939	EA	18", Type 316, Schedule 40 Stainless Steel Concentric Reducer	2,929.99	848.12
		For Work In Restricted Working Space, Add	*565.41*	
40 05 23 23-0940	EA	20", Type 316, Schedule 40 Stainless Steel Concentric Reducer	3,976.07	1,130.83
		For Work In Restricted Working Space, Add	*753.89*	
40 05 23 23-0941	EA	24", Type 316, Schedule 40 Stainless Steel Concentric Reducer	5,694.66	1,696.24
		For Work In Restricted Working Space, Add	*1,130.83*	
40 05 23 23-0942	EA	3/4", Type 316, Schedule 40 Stainless Steel Eccentric Reducer	170.57	53.13
		For Work In Restricted Working Space, Add	*35.41*	
40 05 23 23-0943	EA	1", Type 316, Schedule 40 Stainless Steel Eccentric Reducer	181.17	57.88
		For Work In Restricted Working Space, Add	*38.59*	
40 05 23 23-0944	EA	1-1/4", Type 316, Schedule 40 Stainless Steel Eccentric Reducer	211.02	64.17
		For Work In Restricted Working Space, Add	*42.78*	
40 05 23 23-0945	EA	1-1/2", Type 316, Schedule 40 Stainless Steel Eccentric Reducer	217.41	69.94
		For Work In Restricted Working Space, Add	*46.62*	
40 05 23 23-0946	EA	2", Type 316, Schedule 40 Stainless Steel Eccentric Reducer	232.71	77.23
		For Work In Restricted Working Space, Add	*51.49*	
40 05 23 23-0947	EA	2-1/2", Type 316, Schedule 40 Stainless Steel Eccentric Reducer	276.46	96.51
		For Work In Restricted Working Space, Add	*64.34*	
40 05 23 23-0948	EA	3", Type 316, Schedule 40 Stainless Steel Eccentric Reducer	359.92	109.87
		For Work In Restricted Working Space, Add	*73.25*	
40 05 23 23-0949	EA	4", Type 316, Schedule 40 Stainless Steel Eccentric Reducer	389.34	128.74
		For Work In Restricted Working Space, Add	*85.83*	
40 05 23 23-0950	EA	6", Type 316, Schedule 40 Stainless Steel Eccentric Reducer	558.18	163.90
		For Work In Restricted Working Space, Add	*109.27*	
40 05 23 23-0951	EA	8", Type 316, Schedule 40 Stainless Steel Eccentric Reducer	860.07	271.40
		For Work In Restricted Working Space, Add	*180.93*	
40 05 23 23-0952	EA	10", Type 316, Schedule 40 Stainless Steel Eccentric Reducer	1,235.82	339.25
		For Work In Restricted Working Space, Add	*226.17*	
40 05 23 23-0953	EA	12", Type 316, Schedule 40 Stainless Steel Eccentric Reducer	1,714.38	452.33
		For Work In Restricted Working Space, Add	*301.55*	
40 05 23 23-0954	EA	14", Type 316, Schedule 40 Stainless Steel Eccentric Reducer	2,585.35	593.69
		For Work In Restricted Working Space, Add	*395.79*	
40 05 23 23-0955	EA	16", Type 316, Schedule 40 Stainless Steel Eccentric Reducer	2,979.43	676.56
		For Work In Restricted Working Space, Add	*451.04*	
40 05 23 23-0956	EA	18", Type 316, Schedule 40 Stainless Steel Eccentric Reducer	4,011.47	848.12
		For Work In Restricted Working Space, Add	*565.41*	
40 05 23 23-0957	EA	20", Type 316, Schedule 40 Stainless Steel Eccentric Reducer	5,152.71	1,130.83
		For Work In Restricted Working Space, Add	*753.89*	
40 05 23 23-0958	EA	24", Type 316, Schedule 40 Stainless Steel Eccentric Reducer	7,724.67	1,696.24
		For Work In Restricted Working Space, Add	*1,130.83*	
40 05 23 23-0959		Type 316, Schedule 40 Stainless Steel Butt Weld Caps *(40 05 23 23-0834)*		
40 05 23 23-0960	EA	1/2", Type 316, Schedule 40 Stainless Steel Cap	75.17	27.51
		For Work In Restricted Working Space, Add	*18.34*	
40 05 23 23-0961	EA	3/4", Type 316, Schedule 40 Stainless Steel Cap	82.60	29.19
		For Work In Restricted Working Space, Add	*19.46*	
40 05 23 23-0962	EA	1", Type 316, Schedule 40 Stainless Steel Cap	91.45	32.09
		For Work In Restricted Working Space, Add	*21.39*	
40 05 23 23-0963	EA	1-1/4", Type 316, Schedule 40 Stainless Steel Cap	105.02	34.97
		For Work In Restricted Working Space, Add	*23.31*	
40 05 23 23-0964	EA	1-1/2", Type 316, Schedule 40 Stainless Steel Cap	102.62	38.62
		For Work In Restricted Working Space, Add	*25.75*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0965	EA	2", Type 316, Schedule 40 Stainless Steel Cap	116.54	42.95
		For Work In Restricted Working Space, Add	*28.64*	
40 05 23 23-0966	EA	2-1/2", Type 316, Schedule 40 Stainless Steel Cap	145.51	54.99
		For Work In Restricted Working Space, Add	*36.66*	
40 05 23 23-0967	EA	3", Type 316, Schedule 40 Stainless Steel Cap	166.73	64.45
		For Work In Restricted Working Space, Add	*42.96*	
40 05 23 23-0968	EA	4", Type 316, Schedule 40 Stainless Steel Cap	205.31	77.13
		For Work In Restricted Working Space, Add	*51.42*	
40 05 23 23-0969	EA	6", Type 316, Schedule 40 Stainless Steel Cap	287.76	96.51
		For Work In Restricted Working Space, Add	*64.34*	
40 05 23 23-0970	EA	8", Type 316, Schedule 40 Stainless Steel Cap	510.87	169.62
		For Work In Restricted Working Space, Add	*113.08*	
40 05 23 23-0971	EA	10", Type 316, Schedule 40 Stainless Steel Cap	685.33	226.17
		For Work In Restricted Working Space, Add	*150.78*	
40 05 23 23-0972	EA	12", Type 316, Schedule 40 Stainless Steel Cap	1,021.73	339.24
		For Work In Restricted Working Space, Add	*226.17*	
40 05 23 23-0973	EA	14", Type 316, Schedule 40 Stainless Steel Cap	1,163.65	395.79
		For Work In Restricted Working Space, Add	*263.86*	
40 05 23 23-0974	EA	16", Type 316, Schedule 40 Stainless Steel Cap	1,306.85	451.47
		For Work In Restricted Working Space, Add	*300.98*	
40 05 23 23-0975	EA	18", Type 316, Schedule 40 Stainless Steel Cap	1,669.76	565.41
		For Work In Restricted Working Space, Add	*376.94*	
40 05 23 23-0976	EA	20", Type 316, Schedule 40 Stainless Steel Cap	2,292.60	791.58
		For Work In Restricted Working Space, Add	*527.72*	
40 05 23 23-0977	EA	24", Type 316, Schedule 40 Stainless Steel Cap	3,556.29	1,130.82
		For Work In Restricted Working Space, Add	*753.89*	

40 05 23 23-0978 Valves *(40 05 23 23-0231)*

40 05 23 23-0979 Gate Valves, Class 150 *(40 05 23 23-0978)*

40 05 23 23-0980	EA	1/2" Gate Valve, Stainless Steel, Flanged	702.01	55.31
		For Work In Restricted Working Space, Add	*20.74*	
		For Class 200, Deduct	*-169.29*	
		For Class 300, Add	*594.90*	
40 05 23 23-0981	EA	3/4" Gate Valve, Stainless Steel, Flanged	761.90	57.62
		For Work In Restricted Working Space, Add	*24.20*	
		For Class 200, Deduct	*-182.23*	
		For Class 300, Add	*640.36*	
40 05 23 23-0982	EA	1" Gate Valve, Stainless Steel, Flanged	937.58	86.43
		For Work In Restricted Working Space, Add	*32.62*	
		For Class 200, Deduct	*-221.72*	
		For Class 300, Add	*779.13*	
40 05 23 23-0983	EA	1-1/4" Gate Valve, Stainless Steel, Flanged	1,183.94	100.83
		For Work In Restricted Working Space, Add	*37.58*	
		For Class 200, Deduct	*-283.20*	
		For Class 300, Add	*995.16*	
40 05 23 23-0984	EA	1-1/2" Gate Valve, Stainless Steel, Flanged	1,332.24	126.93
		For Work In Restricted Working Space, Add	*47.60*	
		For Class 200, Deduct	*-313.93*	
		For Class 300, Add	*1,103.16*	
40 05 23 23-0985	EA	2" Gate Valve, Stainless Steel, Flanged	1,580.91	153.62
		For Work In Restricted Working Space, Add	*57.62*	
		For Class 200, Deduct	*-371.51*	
		For Class 300, Add	*1,305.50*	
40 05 23 23-0986	EA	2-1/2" Gate Valve, Stainless Steel, Flanged	2,281.55	167.11
		For Work In Restricted Working Space, Add	*62.86*	
		For Class 300, Add	*1,947.70*	
40 05 23 23-0987	EA	3" Gate Valve, Stainless Steel, Flanged	2,568.29	195.92
		For Work In Restricted Working Space, Add	*73.56*	
		For Class 300, Add	*2,183.71*	
40 05 23 23-0988	EA	4" Gate Valve, Stainless Steel, Flanged	3,383.39	328.44
		For Work In Restricted Working Space, Add	*123.48*	
		For Class 300, Add	*2,793.49*	
40 05 23 23-0989	EA	6" Gate Valve, Stainless Steel, Flanged	5,686.16	414.88
		For Work In Restricted Working Space, Add	*156.14*	
		For Class 300, Add	*4,855.76*	
40 05 23 23-0990	EA	8" Gate Valve, Stainless Steel, Flanged	12,479.69	530.12
		For Work In Restricted Working Space, Add	*197.56*	
		For Class 300, Add	*11,111.89*	
40 05 23 23-0991	EA	10" Gate Valve, Stainless Steel, Flanged	17,606.96	645.37
		For Work In Restricted Working Space, Add	*242.01*	
		For Class 300, Add	*15,792.24*	
40 05 23 23-0992	EA	12" Gate Valve, Stainless Steel, Flanged	26,545.77	783.65
		For Work In Restricted Working Space, Add	*293.35*	
		For Class 300, Add	*24,033.86*	

40 05 23 23-0993 Globe Valves, Class 150 *(40 05 23 23-0978)*

40 05 23 23-0994	EA	1/2" Globe Valve, Stainless Steel, Flanged	963.16	55.31
		For Work In Restricted Working Space, Add	*20.74*	
		For Class 200, Deduct	*-239.15*	
		For Class 300, Add	*840.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0995	EA	3/4" Globe Valve, Stainless Steel, Flanged	1,065.38	57.62
		For Work In Restricted Working Space, Add	*24.20*	
		For Class 200, Deduct	*-263.41*	
		For Class 300, Add	*925.63*	
40 05 23 23-0996	EA	1" Globe Valve, Stainless Steel, Flanged	1,326.65	86.43
		For Work In Restricted Working Space, Add	*32.62*	
		For Class 200, Deduct	*-325.80*	
		For Class 300, Add	*1,144.85*	
40 05 23 23-0997	EA	1-1/2" Globe Valve, Stainless Steel, Flanged	1,972.61	126.93
		For Work In Restricted Working Space, Add	*47.60*	
		For Class 200, Deduct	*-485.23*	
		For Class 300, Add	*1,705.10*	
40 05 23 23-0998	EA	2" Globe Valve, Stainless Steel, Flanged	2,407.69	153.62
		For Work In Restricted Working Space, Add	*57.62*	
		For Class 200, Deduct	*-592.68*	
		For Class 300, Add	*2,082.67*	
40 05 23 23-0999	EA	2-1/2" Globe Valve, Stainless Steel, Flanged	4,873.98	167.11
		For Work In Restricted Working Space, Add	*62.86*	
		For Class 300, Add	*4,384.58*	
40 05 23 23-1000	EA	3" Globe Valve, Stainless Steel, Flanged	5,039.21	195.92
		For Work In Restricted Working Space, Add	*73.56*	
		For Class 300, Add	*4,506.38*	
40 05 23 23-1001	EA	4" Globe Valve, Stainless Steel, Flanged	5,983.00	328.44
		For Work In Restricted Working Space, Add	*123.48*	
		For Class 300, Add	*5,237.13*	
40 05 23 23-1002	EA	6" Globe Valve, Stainless Steel, Flanged	11,080.23	414.88
		For Work In Restricted Working Space, Add	*156.14*	
		For Class 300, Add	*9,926.18*	
40 05 23 23-1003		**Check Valves, Class 150** *(40 05 23 23-0978)*		
40 05 23 23-1004	EA	2-1/2" Check Valve, Stainless Steel, Flanged	2,182.12	167.11
		For Work In Restricted Working Space, Add	*62.86*	
		For Class 300, Add	*1,854.23*	
40 05 23 23-1005	EA	3" Check Valve, Stainless Steel, Flanged	2,279.29	195.92
		For Work In Restricted Working Space, Add	*73.56*	
		For Class 300, Add	*1,912.05*	
40 05 23 23-1006	EA	4" Check Valve, Stainless Steel, Flanged	3,577.25	328.44
		For Work In Restricted Working Space, Add	*123.48*	
		For Class 300, Add	*2,975.72*	
40 05 23 23-1007	EA	6" Check Valve, Stainless Steel, Flanged	6,178.24	414.88
		For Work In Restricted Working Space, Add	*156.14*	
		For Class 300, Add	*5,318.31*	
40 05 23 23-1008	EA	8" Check Valve, Stainless Steel, Flanged	10,896.40	530.12
		For Work In Restricted Working Space, Add	*197.56*	
		For Class 300, Add	*9,623.60*	
40 05 23 23-1009		**Stainless Steel Thread-O-Let Fittings** *(40 05 23 23-0231)*		
40 05 23 23-1010	EA	1/2", Stainless Steel Thread-o-let Fitting	89.88	33.45
		For Work In Restricted Working Space, Add	*22.31*	
40 05 23 23-1011	EA	3/4", Stainless Steel Thread-o-let Fitting	118.54	44.61
		For Work In Restricted Working Space, Add	*29.74*	
40 05 23 23-1012	EA	1", Stainless Steel Thread-o-let Fitting	146.04	55.31
		For Work In Restricted Working Space, Add	*36.88*	
40 05 23 23-1013	EA	1-1/4", Stainless Steel Thread-o-let Fitting	209.81	78.27
		For Work In Restricted Working Space, Add	*52.19*	
40 05 23 23-1014	EA	1-1/2", Stainless Steel Thread-o-let Fitting	232.02	88.27
		For Work In Restricted Working Space, Add	*58.85*	
40 05 23 23-1015	EA	2", Stainless Steel Thread-o-let Fitting	290.02	112.14
		For Work In Restricted Working Space, Add	*74.75*	
40 05 23 23-1016	EA	2-1/2", Stainless Steel Thread-o-let Fitting	521.12	172.87
		For Work In Restricted Working Space, Add	*115.25*	
40 05 23 23-1017	EA	3", Stainless Steel Thread-o-let Fitting	699.21	220.68
		For Work In Restricted Working Space, Add	*147.12*	
40 05 23 23-1018	EA	4", Stainless Steel Thread-o-let Fitting	923.50	276.58
		For Work In Restricted Working Space, Add	*184.39*	
40 05 23 23-1019		**Stainless Steel Flanges** *(40 05 23 23-0231)*		
40 05 23 23-1020		**150#, Type 304 Stainless Steel Raised Face Threaded Flange** *(40 05 23 23-1019)*		
40 05 23 23-1021	EA	1/2", 150#, Type 304 Stainless Steel Raised Face Threaded Flange	79.58	18.59
		For Work In Restricted Working Space, Add	*11.15*	
40 05 23 23-1022	EA	3/4", 150#, Type 304 Stainless Steel Raised Face Threaded Flange	96.68	24.79
		For Work In Restricted Working Space, Add	*14.87*	
40 05 23 23-1023	EA	1", 150#, Type 304 Stainless Steel Raised Face Threaded Flange	114.23	30.73
		For Work In Restricted Working Space, Add	*18.44*	
40 05 23 23-1024	EA	1-1/4", 150#, Type 304 Stainless Steel Raised Face Threaded Flange	153.87	43.50
		For Work In Restricted Working Space, Add	*26.09*	
40 05 23 23-1025	EA	1-1/2", 150#, Type 304 Stainless Steel Raised Face Threaded Flange	164.98	49.04
		For Work In Restricted Working Space, Add	*29.42*	
40 05 23 23-1026	EA	2", 150#, Type 304 Stainless Steel Raised Face Threaded Flange	212.24	62.29
		For Work In Restricted Working Space, Add	*37.38*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-1027	EA	2-1/2", 150#, Type 304 Stainless Steel Raised Face Threaded Flange	314.56	96.00
		For Work In Restricted Working Space, Add	*57.62*	
40 05 23 23-1028	EA	3", 150#, Type 304 Stainless Steel Raised Face Threaded Flange	373.33	195.92
		For Work In Restricted Working Space, Add	*73.56*	
40 05 23 23-1029	EA	4", 150#, Type 304 Stainless Steel Raised Face Threaded Flange	482.56	153.62
		For Work In Restricted Working Space, Add	*92.20*	
40 05 23 23-1030		**300#, Type 304 Stainless Steel Raised Face Threaded Flange** *(40 05 23 23-1019)*		
40 05 23 23-1031	EA	1/2", 300#, Type 304 Stainless Steel Raised Face Threaded Flange	104.08	18.59
		For Work In Restricted Working Space, Add	*11.15*	
40 05 23 23-1032	EA	3/4", 300#, Type 304 Stainless Steel Raised Face Threaded Flange	116.47	24.79
		For Work In Restricted Working Space, Add	*14.87*	
40 05 23 23-1033	EA	1", 300#, Type 304 Stainless Steel Raised Face Threaded Flange	128.36	30.73
		For Work In Restricted Working Space, Add	*18.44*	
40 05 23 23-1034	EA	1-1/4", 300#, Type 304 Stainless Steel Raised Face Threaded Flange	189.70	43.50
		For Work In Restricted Working Space, Add	*26.09*	
40 05 23 23-1035	EA	1-1/2", 300#, Type 304 Stainless Steel Raised Face Threaded Flange	200.81	49.04
		For Work In Restricted Working Space, Add	*29.42*	
40 05 23 23-1036	EA	2", 300#, Type 304 Stainless Steel Raised Face Threaded Flange	248.97	62.29
		For Work In Restricted Working Space, Add	*37.38*	
40 05 23 23-1037	EA	2-1/2", 300#, Type 304 Stainless Steel Raised Face Threaded Flange	396.54	96.00
		For Work In Restricted Working Space, Add	*57.62*	
40 05 23 23-1038	EA	3", 300#, Type 304 Stainless Steel Raised Face Threaded Flange	457.17	195.92
		For Work In Restricted Working Space, Add	*73.56*	
40 05 23 23-1039	EA	4", 300#, Type 304 Stainless Steel Raised Face Threaded Flange	611.65	153.62
		For Work In Restricted Working Space, Add	*92.20*	
40 05 23 23-1040		**150#, Type 304 Stainless Steel Raised Face Weld Neck Flange** *(40 05 23 23-1019)*		
40 05 23 23-1041	EA	1/2", 150#, Type 304 Stainless Steel Weld Neck Flange	103.52	27.50
		For Work In Restricted Working Space, Add	*18.34*	
40 05 23 23-1042	EA	3/4", 150#, Type 304 Stainless Steel Weld Neck Flange	111.99	29.19
		For Work In Restricted Working Space, Add	*19.46*	
40 05 23 23-1043	EA	1", 150#, Type 304 Stainless Steel Weld Neck Flange	125.92	32.09
		For Work In Restricted Working Space, Add	*21.39*	
40 05 23 23-1044	EA	1-1/4", 150#, Type 304 Stainless Steel Weld Neck Flange	155.99	34.99
		For Work In Restricted Working Space, Add	*23.33*	
40 05 23 23-1045	EA	1-1/2", 150#, Type 304 Stainless Steel Weld Neck Flange	163.94	38.57
		For Work In Restricted Working Space, Add	*25.72*	
40 05 23 23-1046	EA	2", 150#, Type 304 Stainless Steel Weld Neck Flange	182.18	42.96
		For Work In Restricted Working Space, Add	*28.65*	
40 05 23 23-1047	EA	2-1/2", 150#, Type 304 Stainless Steel Weld Neck Flange	253.10	54.95
		For Work In Restricted Working Space, Add	*36.63*	
40 05 23 23-1048	EA	3", 150#, Type 304 Stainless Steel Weld Neck Flange	286.18	64.33
		For Work In Restricted Working Space, Add	*42.89*	
40 05 23 23-1049	EA	4", 150#, Type 304 Stainless Steel Weld Neck Flange	371.04	77.08
		For Work In Restricted Working Space, Add	*51.39*	
40 05 23 23-1050	EA	6", 150#, Type 304 Stainless Steel Weld Neck Flange	558.84	96.30
		For Work In Restricted Working Space, Add	*64.21*	
40 05 23 23-1051	EA	8", 150#, Type 304 Stainless Steel Weld Neck Flange	961.05	169.62
		For Work In Restricted Working Space, Add	*113.08*	
40 05 23 23-1052	EA	10", 150#, Type 304 Stainless Steel Weld Neck Flange	1,364.63	226.16
		For Work In Restricted Working Space, Add	*150.78*	
40 05 23 23-1053	EA	12", 150#, Type 304 Stainless Steel Weld Neck Flange	2,099.21	339.24
		For Work In Restricted Working Space, Add	*226.17*	
40 05 23 23-1054	EA	14", 150#, Type 304 Stainless Steel Weld Neck Flange	2,627.80	395.79
		For Work In Restricted Working Space, Add	*263.86*	
40 05 23 23-1055	EA	16", 150#, Type 304 Stainless Steel Weld Neck Flange	3,284.62	451.47
		For Work In Restricted Working Space, Add	*300.98*	
40 05 23 23-1056	EA	18", 150#, Type 304 Stainless Steel Weld Neck Flange	4,027.84	565.41
		For Work In Restricted Working Space, Add	*376.94*	
40 05 23 23-1057	EA	20", 150#, Type 304 Stainless Steel Weld Neck Flange	5,211.76	791.58
		For Work In Restricted Working Space, Add	*527.72*	
40 05 23 23-1058	EA	24", 150#, Type 304 Stainless Steel Weld Neck Flange	7,405.73	1,130.82
		For Work In Restricted Working Space, Add	*753.89*	
40 05 23 23-1059		**300#, Type 304 Stainless Steel Raised Face Weld Neck Flange** *(40 05 23 23-1019)*		
40 05 23 23-1060	EA	1/2" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange	132.73	27.50
		For Work In Restricted Working Space, Add	*18.34*	
40 05 23 23-1061	EA	3/4" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange	136.49	29.19
		For Work In Restricted Working Space, Add	*19.46*	
40 05 23 23-1062	EA	1" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange	142.91	32.09
		For Work In Restricted Working Space, Add	*21.39*	
40 05 23 23-1063	EA	1-1/4" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange	188.92	34.99
		For Work In Restricted Working Space, Add	*23.33*	
40 05 23 23-1064	EA	1-1/2" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange	196.87	38.57
		For Work In Restricted Working Space, Add	*25.72*	
40 05 23 23-1065	EA	2" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange	210.45	42.96
		For Work In Restricted Working Space, Add	*28.65*	
40 05 23 23-1066	EA	2-1/2" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange	302.06	54.95
		For Work In Restricted Working Space, Add	*36.63*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-1067	EA	3" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange	340.80	64.33
		For Work In Restricted Working Space, Add	*42.89*	
40 05 23 23-1068	EA	4" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange	499.13	77.08
		For Work In Restricted Working Space, Add	*51.39*	
40 05 23 23-1069	EA	6" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange	703.92	96.30
		For Work In Restricted Working Space, Add	*64.21*	
40 05 23 23-1070	EA	8" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange	1,322.81	169.62
		For Work In Restricted Working Space, Add	*113.08*	
40 05 23 23-1071	EA	10" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange	1,842.30	226.16
		For Work In Restricted Working Space, Add	*150.78*	
40 05 23 23-1072	EA	12" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange	2,705.97	339.24
		For Work In Restricted Working Space, Add	*226.17*	
40 05 23 23-1073	EA	14" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange	3,586.96	395.79
		For Work In Restricted Working Space, Add	*263.86*	
40 05 23 23-1074	EA	16" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange	4,431.66	451.47
		For Work In Restricted Working Space, Add	*300.98*	
40 05 23 23-1075	EA	18" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange	5,661.19	565.41
		For Work In Restricted Working Space, Add	*376.94*	
40 05 23 23-1076	EA	20" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange	7,301.56	791.58
		For Work In Restricted Working Space, Add	*527.72*	
40 05 23 23-1077	EA	24" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange	10,633.32	1,130.82
		For Work In Restricted Working Space, Add	*753.89*	

40 05 23 23-1078 150#, Type 304 Stainless Steel Raised Face Slip-On Flanges *(40 05 23 23-1019)*

40 05 23 23-1079	EA	1/2", 150#, Type 304 Stainless Steel Slip-On Flange	159.91	55.00
		For Work In Restricted Working Space, Add	*36.67*	
40 05 23 23-1080	EA	3/4", 150#, Type 304 Stainless Steel Slip-On Flange	168.39	58.38
		For Work In Restricted Working Space, Add	*38.93*	
40 05 23 23-1081	EA	1", 150#, Type 304 Stainless Steel Slip-On Flange	185.01	64.17
		For Work In Restricted Working Space, Add	*42.78*	
40 05 23 23-1082	EA	1-1/4", 150#, Type 304 Stainless Steel Slip-On Flange	213.02	69.99
		For Work In Restricted Working Space, Add	*46.66*	
40 05 23 23-1083	EA	1-1/2", 150#, Type 304 Stainless Steel Slip-On Flange	228.92	77.14
		For Work In Restricted Working Space, Add	*51.43*	
40 05 23 23-1084	EA	2", 150#, Type 304 Stainless Steel Slip-On Flange	265.45	85.94
		For Work In Restricted Working Space, Add	*57.29*	
40 05 23 23-1085	EA	2-1/2", 150#, Type 304 Stainless Steel Slip-On Flange	348.80	109.89
		For Work In Restricted Working Space, Add	*73.27*	
40 05 23 23-1086	EA	3", 150#, Type 304 Stainless Steel Slip-On Flange	398.07	128.66
		For Work In Restricted Working Space, Add	*85.78*	
40 05 23 23-1087	EA	4", 150#, Type 304 Stainless Steel Slip-On Flange	495.23	154.17
		For Work In Restricted Working Space, Add	*102.78*	
40 05 23 23-1088	EA	6", 150#, Type 304 Stainless Steel Slip-On Flange	660.76	192.61
		For Work In Restricted Working Space, Add	*128.41*	
40 05 23 23-1089	EA	8", 150#, Type 304 Stainless Steel Slip-On Flange	1,193.88	339.24
		For Work In Restricted Working Space, Add	*226.17*	
40 05 23 23-1090	EA	10" 150#, Type 304 Stainless Steel Raised Face Slip-On Flange	1,688.20	452.33
		For Work In Restricted Working Space, Add	*301.55*	
40 05 23 23-1091	EA	12" 150#, Type 304 Stainless Steel Raised Face Slip-On Flange	2,516.79	678.48
		For Work In Restricted Working Space, Add	*452.33*	

40 05 23 23-1092 300#, Type 304 Stainless Steel Raised Face Slip-On Flanges *(40 05 23 23-1019)*

40 05 23 23-1093	EA	1/2" 300#, Type 304 Stainless Steel Raised Neck Slip-On Flange	178.76	55.00
		For Work In Restricted Working Space, Add	*36.67*	
40 05 23 23-1094	EA	3/4" 300#, Type 304 Stainless Steel Raised Face Slip-On Flange	186.28	58.38
		For Work In Restricted Working Space, Add	*38.93*	
40 05 23 23-1095	EA	1" 300#, Type 304 Stainless Steel Raised Face Slip-On Flange	199.14	64.17
		For Work In Restricted Working Space, Add	*42.78*	
40 05 23 23-1096	EA	1-1/4" 300#, Type 304 Stainless Steel Raised Face Slip-On Flange	242.23	69.99
		For Work In Restricted Working Space, Add	*46.66*	
40 05 23 23-1097	EA	1-1/2" 300#, Type 304 Stainless Steel Raised Face Slip-On Flange	258.13	77.14
		For Work In Restricted Working Space, Add	*51.43*	
40 05 23 23-1098	EA	2" 300#, Type 304 Stainless Steel Raised Face Slip-On Flange	285.19	85.94
		For Work In Restricted Working Space, Add	*57.29*	
40 05 23 23-1099	EA	2-1/2" 300#, Type 304 Stainless Steel Raised Face Slip-On Flange	422.32	109.89
		For Work In Restricted Working Space, Add	*73.27*	
40 05 23 23-1100	EA	3" 300#, Type 304 Stainless Steel Raised Face Slip-On Flange	471.54	128.66
		For Work In Restricted Working Space, Add	*85.78*	
40 05 23 23-1101	EA	4" 300#, Type 304 Stainless Steel Raised Face Slip-On Flange	596.96	154.17
		For Work In Restricted Working Space, Add	*102.78*	
40 05 23 23-1102	EA	6" 300#, Type 304 Stainless Steel Raised Face Slip-On Flange	948.11	192.61
		For Work In Restricted Working Space, Add	*128.41*	
40 05 23 23-1103	EA	8" 300#, Type 304 Stainless Steel Raised Face Slip-On Flange	1,484.03	339.24
		For Work In Restricted Working Space, Add	*226.17*	
40 05 23 23-1104	EA	10" 300#, Type 304 Stainless Steel Raised Face Slip-On Flange	2,155.50	452.33
		For Work In Restricted Working Space, Add	*301.55*	
40 05 23 23-1105	EA	12" 300#, Type 304 Stainless Steel Raised Face Slip-On Flange	3,117.88	678.48
		For Work In Restricted Working Space, Add	*452.33*	

40 05 23 23-1106 150#, Type 304 Stainless Steel Blind Flanges *(40 05 23 23-1019)*

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-1107	EA	1/2", 150#, Type 304 Stainless Steel Raised Face Blind Flange	64.66	10.99
		For Work In Restricted Working Space, Add	*7.34*	
40 05 23 23-1108	EA	3/4", 150#, Type 304 Stainless Steel Raised Face Blind Flange	67.39	11.67
		For Work In Restricted Working Space, Add	*7.79*	
40 05 23 23-1109	EA	1", 150#, Type 304 Stainless Steel Raised Face Blind Flange	72.82	12.82
		For Work In Restricted Working Space, Add	*8.56*	
40 05 23 23-1110	EA	1-1/4", 150#, Type 304 Stainless Steel Raised Face Blind Flange	94.88	14.29
		For Work In Restricted Working Space, Add	*9.52*	
40 05 23 23-1111	EA	1-1/2", 150#, Type 304 Stainless Steel Raised Face Blind Flange	106.03	19.30
		For Work In Restricted Working Space, Add	*12.87*	
40 05 23 23-1112	EA	2", 150#, Type 304 Stainless Steel Raised Face Blind Flange	125.83	21.43
		For Work In Restricted Working Space, Add	*14.28*	
40 05 23 23-1113	EA	2-1/2", 150#, Type 304 Stainless Steel Raised Face Blind Flange	172.38	27.55
		For Work In Restricted Working Space, Add	*18.37*	
40 05 23 23-1114	EA	3", 150#, Type 304 Stainless Steel Raised Face Blind Flange	208.26	38.61
		For Work In Restricted Working Space, Add	*25.73*	
40 05 23 23-1115	EA	4", 150#, Type 304 Stainless Steel Raised Face Blind Flange	314.42	64.32
		For Work In Restricted Working Space, Add	*42.88*	
40 05 23 23-1116	EA	6", 150#, Type 304 Stainless Steel Raised Face Blind Flange	434.41	82.71
		For Work In Restricted Working Space, Add	*55.14*	
40 05 23 23-1117	EA	8", 150#, Type 304 Stainless Steel Raised Face Blind Flange	693.37	105.54
		For Work In Restricted Working Space, Add	*70.36*	
40 05 23 23-1118	EA	10", 150#, Type 304 Stainless Steel Raised Face Blind Flange	1,078.49	126.65
		For Work In Restricted Working Space, Add	*84.44*	
40 05 23 23-1119	EA	12", 150#, Type 304 Stainless Steel Raised Face Blind Flange	1,430.53	158.32
		For Work In Restricted Working Space, Add	*105.54*	
40 05 23 23-1120	EA	14", 150#, Type 304 Stainless Steel Raised Face Blind Flange	1,819.70	197.89
		For Work In Restricted Working Space, Add	*131.93*	
40 05 23 23-1121	EA	16", 150#, Type 304 Stainless Steel Raised Face Blind Flange	2,358.10	225.74
		For Work In Restricted Working Space, Add	*150.49*	
40 05 23 23-1122	EA	18", 150#, Type 304 Stainless Steel Raised Face Blind Flange	2,782.53	282.71
		For Work In Restricted Working Space, Add	*188.47*	
40 05 23 23-1123	EA	20", 150#, Type 304 Stainless Steel Raised Face Blind Flange	3,689.06	395.79
		For Work In Restricted Working Space, Add	*263.86*	
40 05 23 23-1124	EA	24", 150#, Type 304 Stainless Steel Raised Face Blind Flange	5,376.44	565.41
		For Work In Restricted Working Space, Add	*376.94*	

40 05 23 23-1125 300#, Type 304 Stainless Steel Blind Flanges *(40 05 23 23-1019)*

40 05 23 23-1126	EA	1/2", 300#, Type 304 Stainless Steel Raised Face Blind Flange	83.83	10.99
		For Work In Restricted Working Space, Add	*7.34*	
40 05 23 23-1127	EA	3/4", 300#, Type 304 Stainless Steel Raised Face Blind Flange	85.33	11.67
		For Work In Restricted Working Space, Add	*7.79*	
40 05 23 23-1128	EA	1", 300#, Type 304 Stainless Steel Raised Face Blind Flange	87.90	12.82
		For Work In Restricted Working Space, Add	*8.56*	
40 05 23 23-1129	EA	1-1/4", 300#, Type 304 Stainless Steel Raised Face Blind Flange	112.77	14.29
		For Work In Restricted Working Space, Add	*9.52*	
40 05 23 23-1130	EA	1-1/2", 300#, Type 304 Stainless Steel Raised Face Blind Flange	123.92	19.30
		For Work In Restricted Working Space, Add	*12.87*	
40 05 23 23-1131	EA	2", 300#, Type 304 Stainless Steel Raised Face Blind Flange	135.26	21.43
		For Work In Restricted Working Space, Add	*14.28*	
40 05 23 23-1132	EA	2-1/2", 300#, Type 304 Stainless Steel Raised Face Blind Flange	238.33	27.55
		For Work In Restricted Working Space, Add	*18.37*	
40 05 23 23-1133	EA	3", 300#, Type 304 Stainless Steel Raised Face Blind Flange	269.97	38.61
		For Work In Restricted Working Space, Add	*25.73*	
40 05 23 23-1134	EA	4", 300#, Type 304 Stainless Steel Raised Face Blind Flange	391.65	64.32
		For Work In Restricted Working Space, Add	*42.88*	
40 05 23 23-1135	EA	6", 300#, Type 304 Stainless Steel Raised Face Blind Flange	752.83	82.71
		For Work In Restricted Working Space, Add	*55.14*	
40 05 23 23-1136	EA	8", 300#, Type 304 Stainless Steel Raised Face Blind Flange	1,073.97	105.54
		For Work In Restricted Working Space, Add	*70.36*	
40 05 23 23-1137	EA	10", 300#, Type 304 Stainless Steel Raised Face Blind Flange	1,541.98	126.65
		For Work In Restricted Working Space, Add	*84.44*	
40 05 23 23-1138	EA	12", 300#, Type 304 Stainless Steel Raised Face Blind Flange	2,141.83	158.32
		For Work In Restricted Working Space, Add	*105.54*	
40 05 23 23-1139	EA	14", 300#, Type 304 Stainless Steel Raised Face Blind Flange	3,006.06	197.89
		For Work In Restricted Working Space, Add	*131.93*	
40 05 23 23-1140	EA	16", 300#, Type 304 Stainless Steel Raised Face Blind Flange	3,855.94	225.74
		For Work In Restricted Working Space, Add	*150.49*	
40 05 23 23-1141	EA	18", 300#, Type 304 Stainless Steel Raised Face Blind Flange	5,036.75	282.71
		For Work In Restricted Working Space, Add	*188.47*	
40 05 23 23-1142	EA	20", 300#, Type 304 Stainless Steel Raised Face Blind Flange	6,363.55	395.79
		For Work In Restricted Working Space, Add	*263.86*	
40 05 23 23-1143	EA	24", 300#, Type 304 Stainless Steel Raised Face Blind Flange	9,775.33	565.41
		For Work In Restricted Working Space, Add	*376.94*	

40 05 23 23-1144 150#, Type 316 Stainless Steel Raised Face Threaded Flange *(40 05 23 23-1019)*

40 05 23 23-1145	EA	1/2", 150#, Type 316 Stainless Steel Raised Face Threaded Flange	96.56	18.59
		For Work In Restricted Working Space, Add	*11.15*	
40 05 23 23-1146	EA	3/4", 150#, Type 316 Stainless Steel Raised Face Threaded Flange	118.37	24.79
		For Work In Restricted Working Space, Add	*14.87*	
40 05 23 23-1147	EA	1", 150#, Type 316 Stainless Steel Raised Face Threaded Flange	134.93	30.73
		For Work In Restricted Working Space, Add	*18.44*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-1148	EA	1-1/4", 150#, Type 316 Stainless Steel Raised Face Threaded Flange	184.94	43.50
		For Work In Restricted Working Space, Add	*26.09*	
40 05 23 23-1149	EA	1-1/2", 150#, Type 316 Stainless Steel Raised Face Threaded Flange	196.05	49.04
		For Work In Restricted Working Space, Add	*29.42*	
40 05 23 23-1150	EA	2", 150#, Type 316 Stainless Steel Raised Face Threaded Flange	246.16	62.29
		For Work In Restricted Working Space, Add	*37.38*	
40 05 23 23-1151	EA	2-1/2", 150#, Type 316 Stainless Steel Raised Face Threaded Flange	363.56	96.00
		For Work In Restricted Working Space, Add	*57.62*	
40 05 23 23-1152	EA	3", 150#, Type 316 Stainless Steel Raised Face Threaded Flange	436.47	195.92
		For Work In Restricted Working Space, Add	*73.56*	
40 05 23 23-1153	EA	4", 150#, Type 316 Stainless Steel Raised Face Threaded Flange	571.11	153.62
		For Work In Restricted Working Space, Add	*92.20*	
40 05 23 23-1154		300#, Type 316 Stainless Steel Raised Face Threaded Flange *(40 05 23 23-1019)*		
40 05 23 23-1155	EA	1/2", 300#, Type 316 Stainless Steel Raised Face Threaded Flange	128.58	18.59
		For Work In Restricted Working Space, Add	*11.15*	
40 05 23 23-1156	EA	3/4", 300#, Type 316 Stainless Steel Raised Face Threaded Flange	140.97	24.79
		For Work In Restricted Working Space, Add	*14.87*	
40 05 23 23-1157	EA	1", 300#, Type 316 Stainless Steel Raised Face Threaded Flange	152.86	30.73
		For Work In Restricted Working Space, Add	*18.44*	
40 05 23 23-1158	EA	1-1/4", 300#, Type 316 Stainless Steel Raised Face Threaded Flange	236.80	43.50
		For Work In Restricted Working Space, Add	*26.09*	
40 05 23 23-1159	EA	1-1/2", 300#, Type 316 Stainless Steel Raised Face Threaded Flange	247.91	49.04
		For Work In Restricted Working Space, Add	*29.42*	
40 05 23 23-1160	EA	2", 300#, Type 316 Stainless Steel Raised Face Threaded Flange	290.41	62.29
		For Work In Restricted Working Space, Add	*37.38*	
40 05 23 23-1161	EA	2-1/2", 300#, Type 316 Stainless Steel Raised Face Threaded Flange	489.80	96.00
		For Work In Restricted Working Space, Add	*57.62*	
40 05 23 23-1162	EA	3", 300#, Type 316 Stainless Steel Raised Face Threaded Flange	552.33	195.92
		For Work In Restricted Working Space, Add	*73.56*	
40 05 23 23-1163	EA	4", 300#, Type 316 Stainless Steel Raised Face Threaded Flange	763.29	153.62
		For Work In Restricted Working Space, Add	*92.20*	
40 05 23 23-1164		150#, Type 316 Stainless Steel Raised Face Weld Neck Flange *(40 05 23 23-1019)*		
40 05 23 23-1165	EA	1/2", 150#, Type 316 Stainless Steel Weld Neck Flange	125.16	27.50
		For Work In Restricted Working Space, Add	*18.34*	
40 05 23 23-1166	EA	3/4", 150#, Type 316 Stainless Steel Weld Neck Flange	133.68	29.19
		For Work In Restricted Working Space, Add	*19.46*	
40 05 23 23-1167	EA	1", 150#, Type 316 Stainless Steel Weld Neck Flange	150.43	32.09
		For Work In Restricted Working Space, Add	*21.39*	
40 05 23 23-1168	EA	1-1/4", 150#, Type 316 Stainless Steel Weld Neck Flange	188.02	34.99
		For Work In Restricted Working Space, Add	*23.33*	
40 05 23 23-1169	EA	1-1/2", 150#, Type 316 Stainless Steel Weld Neck Flange	195.97	38.57
		For Work In Restricted Working Space, Add	*25.72*	
40 05 23 23-1170	EA	2", 150#, Type 316 Stainless Steel Weld Neck Flange	215.16	42.96
		For Work In Restricted Working Space, Add	*28.65*	
40 05 23 23-1171	EA	2-1/2", 150#, Type 316 Stainless Steel Weld Neck Flange	308.63	54.95
		For Work In Restricted Working Space, Add	*36.63*	
40 05 23 23-1172	EA	3", 150#, Type 316 Stainless Steel Weld Neck Flange	336.09	64.33
		For Work In Restricted Working Space, Add	*42.89*	
40 05 23 23-1173	EA	4", 150#, Type 316 Stainless Steel Weld Neck Flange	455.83	77.08
		For Work In Restricted Working Space, Add	*51.39*	
40 05 23 23-1174	EA	6", 150#, Type 316 Stainless Steel Weld Neck Flange	705.82	96.30
		For Work In Restricted Working Space, Add	*64.21*	
40 05 23 23-1175	EA	8", 150#, Type 316 Stainless Steel Weld Neck Flange	1,188.11	169.62
		For Work In Restricted Working Space, Add	*113.08*	
40 05 23 23-1176	EA	10", 150#, Type 316 Stainless Steel Weld Neck Flange	1,743.38	226.16
		For Work In Restricted Working Space, Add	*150.78*	
40 05 23 23-1177	EA	12", 150#, Type 316 Stainless Steel Weld Neck Flange	2,599.53	339.24
		For Work In Restricted Working Space, Add	*226.17*	
40 05 23 23-1178	EA	14", 150#, Type 316 Stainless Steel Weld Neck Flange	3,042.16	395.79
		For Work In Restricted Working Space, Add	*263.86*	
40 05 23 23-1179	EA	16", 150#, Type 316 Stainless Steel Weld Neck Flange	3,825.34	451.47
		For Work In Restricted Working Space, Add	*300.98*	
40 05 23 23-1180	EA	18", 150#, Type 316 Stainless Steel Weld Neck Flange	4,684.70	565.41
		For Work In Restricted Working Space, Add	*376.94*	
40 05 23 23-1181	EA	20", 150#, Type 316 Stainless Steel Weld Neck Flange	6,030.10	791.58
		For Work In Restricted Working Space, Add	*527.72*	
40 05 23 23-1182	EA	24", 150#, Type 316 Stainless Steel Weld Neck Flange	8,565.40	1,130.82
		For Work In Restricted Working Space, Add	*753.89*	
40 05 23 23-1183		300#, Type 316 Stainless Steel Raised Face Weld Neck Flange *(40 05 23 23-1019)*		
40 05 23 23-1184	EA	1/2" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange	160.99	27.50
		For Work In Restricted Working Space, Add	*18.34*	
40 05 23 23-1185	EA	3/4" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange	164.75	29.19
		For Work In Restricted Working Space, Add	*19.46*	
40 05 23 23-1186	EA	1" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange	171.17	32.09
		For Work In Restricted Working Space, Add	*21.39*	
40 05 23 23-1187	EA	1-1/4" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange	227.60	34.99
		For Work In Restricted Working Space, Add	*23.33*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-1188	EA	1-1/2" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange	235.55	38.57
		For Work In Restricted Working Space, Add	*25.72*	
40 05 23 23-1189	EA	2" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange	257.55	42.96
		For Work In Restricted Working Space, Add	*28.65*	
40 05 23 23-1190	EA	2-1/2" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange	383.10	54.95
		For Work In Restricted Working Space, Add	*36.63*	
40 05 23 23-1191	EA	3" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange	417.13	64.33
		For Work In Restricted Working Space, Add	*42.89*	
40 05 23 23-1192	EA	4" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange	640.44	77.08
		For Work In Restricted Working Space, Add	*51.39*	
40 05 23 23-1193	EA	6" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange	1,053.45	96.30
		For Work In Restricted Working Space, Add	*64.21*	
40 05 23 23-1194	EA	8" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange	1,679.91	169.62
		For Work In Restricted Working Space, Add	*113.08*	
40 05 23 23-1195	EA	10" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange	2,420.75	226.16
		For Work In Restricted Working Space, Add	*150.78*	
40 05 23 23-1196	EA	12" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange	3,555.73	339.24
		For Work In Restricted Working Space, Add	*226.17*	
40 05 23 23-1197	EA	14" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange	4,822.90	395.79
		For Work In Restricted Working Space, Add	*263.86*	
40 05 23 23-1198	EA	16" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange	5,996.74	451.47
		For Work In Restricted Working Space, Add	*300.98*	
40 05 23 23-1199	EA	18" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange	7,671.97	565.41
		For Work In Restricted Working Space, Add	*376.94*	
40 05 23 23-1200	EA	20" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange	9,831.75	791.58
		For Work In Restricted Working Space, Add	*527.72*	
40 05 23 23-1201	EA	24" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange	14,340.31	1,130.82
		For Work In Restricted Working Space, Add	*753.89*	

40 05 23 23-1202 150#, Type 316 Stainless Steel Raised Face Slip-On Flanges *(40 05 23 23-1019)*

40 05 23 23-1203	EA	1/2", 150#, Type 316 Stainless Steel Slip-On Flange	171.24	55.00
		For Work In Restricted Working Space, Add	*36.67*	
40 05 23 23-1204	EA	3/4", 150#, Type 316 Stainless Steel Slip-On Flange	185.37	58.38
		For Work In Restricted Working Space, Add	*38.93*	
40 05 23 23-1205	EA	1", 150#, Type 316 Stainless Steel Slip-On Flange	204.47	64.17
		For Work In Restricted Working Space, Add	*42.78*	
40 05 23 23-1206	EA	1-1/4", 150#, Type 316 Stainless Steel Slip-On Flange	284.01	69.99
		For Work In Restricted Working Space, Add	*46.66*	
40 05 23 23-1207	EA	1-1/2", 150#, Type 316 Stainless Steel Slip-On Flange	251.52	77.14
		For Work In Restricted Working Space, Add	*51.43*	
40 05 23 23-1208	EA	2", 150#, Type 316 Stainless Steel Slip-On Flange	271.06	85.94
		For Work In Restricted Working Space, Add	*57.29*	
40 05 23 23-1209	EA	2-1/2", 150#, Type 316 Stainless Steel Slip-On Flange	345.05	109.89
		For Work In Restricted Working Space, Add	*73.27*	
40 05 23 23-1210	EA	3", 150#, Type 316 Stainless Steel Slip-On Flange	430.09	128.66
		For Work In Restricted Working Space, Add	*85.78*	
40 05 23 23-1211	EA	4", 150#, Type 316 Stainless Steel Slip-On Flange	563.04	154.17
		For Work In Restricted Working Space, Add	*102.78*	
40 05 23 23-1212	EA	6", 150#, Type 316 Stainless Steel Slip-On Flange	761.54	192.61
		For Work In Restricted Working Space, Add	*128.41*	
40 05 23 23-1213	EA	8", 150#, Type 316 Stainless Steel Slip-On Flange	1,402.05	339.24
		For Work In Restricted Working Space, Add	*226.17*	
40 05 23 23-1214	EA	10" 150#, Type 316 Stainless Steel Raised Face Slip-On Flange	1,972.74	452.33
		For Work In Restricted Working Space, Add	*301.55*	
40 05 23 23-1215	EA	12" 150#, Type 316 Stainless Steel Raised Face Slip-On Flange	2,897.39	678.48
		For Work In Restricted Working Space, Add	*452.33*	

40 05 23 23-1216 300#, Type 316 Stainless Steel Raised Face Slip-On Flanges *(40 05 23 23-1019)*

40 05 23 23-1217	EA	1/2" 300#, Type 316 Stainless Steel Raised Neck Slip-On Flange	197.60	55.00
		For Work In Restricted Working Space, Add	*36.67*	
40 05 23 23-1218	EA	3/4" 300#, Type 316 Stainless Steel Raised Face Slip-On Flange	205.12	58.38
		For Work In Restricted Working Space, Add	*38.93*	
40 05 23 23-1219	EA	1" 300#, Type 316 Stainless Steel Raised Face Slip-On Flange	217.98	64.17
		For Work In Restricted Working Space, Add	*42.78*	
40 05 23 23-1220	EA	1-1/4" 300#, Type 316 Stainless Steel Raised Face Slip-On Flange	278.97	69.99
		For Work In Restricted Working Space, Add	*46.66*	
40 05 23 23-1221	EA	1-1/2" 300#, Type 316 Stainless Steel Raised Face Slip-On Flange	294.87	77.14
		For Work In Restricted Working Space, Add	*51.43*	
40 05 23 23-1222	EA	2" 300#, Type 316 Stainless Steel Raised Face Slip-On Flange	319.93	85.94
		For Work In Restricted Working Space, Add	*57.29*	
40 05 23 23-1223	EA	2-1/2" 300#, Type 316 Stainless Steel Raised Face Slip-On Flange	504.25	109.89
		For Work In Restricted Working Space, Add	*73.27*	
40 05 23 23-1224	EA	3" 300#, Type 316 Stainless Steel Raised Face Slip-On Flange	555.37	128.66
		For Work In Restricted Working Space, Add	*85.78*	
40 05 23 23-1225	EA	4" 300#, Type 316 Stainless Steel Raised Face Slip-On Flange	726.95	154.17
		For Work In Restricted Working Space, Add	*102.78*	
40 05 23 23-1226	EA	6" 300#, Type 316 Stainless Steel Raised Face Slip-On Flange	1,137.48	192.61
		For Work In Restricted Working Space, Add	*128.41*	
40 05 23 23-1227	EA	8" 300#, Type 316 Stainless Steel Raised Face Slip-On Flange	1,679.07	339.24
		For Work In Restricted Working Space, Add	*226.17*	
40 05 23 23-1228	EA	10" 300#, Type 316 Stainless Steel Raised Face Slip-On Flange	2,790.48	452.33
		For Work In Restricted Working Space, Add	*301.55*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-1229	EA	12" 300#, Type 316 Stainless Steel Raised Face Slip-On Flange	3,677.49	678.48
		For Work In Restricted Working Space, Add	*452.33*	

40 05 23 23-1230 150#, Type 316 Stainless Steel Blind Flanges *(40 05 23 23-1019)*

40 05 23 23-1231	EA	1/2", 150#, Type 316 Stainless Steel Raised Face Blind Flange	73.46	10.99
		For Work In Restricted Working Space, Add	*7.34*	
40 05 23 23-1232	EA	3/4", 150#, Type 316 Stainless Steel Raised Face Blind Flange	83.43	11.67
		For Work In Restricted Working Space, Add	*7.79*	
40 05 23 23-1233	EA	1", 150#, Type 316 Stainless Steel Raised Face Blind Flange	94.47	12.82
		For Work In Restricted Working Space, Add	*8.56*	
40 05 23 23-1234	EA	1-1/4", 150#, Type 316 Stainless Steel Raised Face Blind Flange	111.82	14.29
		For Work In Restricted Working Space, Add	*9.52*	
40 05 23 23-1235	EA	1-1/2", 150#, Type 316 Stainless Steel Raised Face Blind Flange	122.97	19.30
		For Work In Restricted Working Space, Add	*12.87*	
40 05 23 23-1236	EA	2", 150#, Type 316 Stainless Steel Raised Face Blind Flange	154.10	21.43
		For Work In Restricted Working Space, Add	*14.28*	
40 05 23 23-1237	EA	2-1/2", 150#, Type 316 Stainless Steel Raised Face Blind Flange	216.68	27.55
		For Work In Restricted Working Space, Add	*18.37*	
40 05 23 23-1238	EA	3", 150#, Type 316 Stainless Steel Raised Face Blind Flange	257.26	38.61
		For Work In Restricted Working Space, Add	*25.73*	
40 05 23 23-1239	EA	4", 150#, Type 316 Stainless Steel Raised Face Blind Flange	397.31	64.32
		For Work In Restricted Working Space, Add	*42.88*	
40 05 23 23-1240	EA	6", 150#, Type 316 Stainless Steel Raised Face Blind Flange	567.26	82.71
		For Work In Restricted Working Space, Add	*55.14*	
40 05 23 23-1241	EA	8", 150#, Type 316 Stainless Steel Raised Face Blind Flange	1,010.83	105.54
		For Work In Restricted Working Space, Add	*70.36*	
40 05 23 23-1242	EA	10", 150#, Type 316 Stainless Steel Raised Face Blind Flange	1,329.10	126.65
		For Work In Restricted Working Space, Add	*84.44*	
40 05 23 23-1243	EA	12", 150#, Type 316 Stainless Steel Raised Face Blind Flange	2,153.15	158.32
		For Work In Restricted Working Space, Add	*105.54*	
40 05 23 23-1244	EA	14", 150#, Type 316 Stainless Steel Raised Face Blind Flange	2,559.54	197.89
		For Work In Restricted Working Space, Add	*131.93*	
40 05 23 23-1245	EA	16", 150#, Type 316 Stainless Steel Raised Face Blind Flange	3,353.43	225.74
		For Work In Restricted Working Space, Add	*150.49*	
40 05 23 23-1246	EA	18", 150#, Type 316 Stainless Steel Raised Face Blind Flange	3,937.53	282.71
		For Work In Restricted Working Space, Add	*188.47*	
40 05 23 23-1247	EA	20", 150#, Type 316 Stainless Steel Raised Face Blind Flange	5,195.35	395.79
		For Work In Restricted Working Space, Add	*263.86*	
40 05 23 23-1248	EA	24", 150#, Type 316 Stainless Steel Raised Face Blind Flange	7,585.31	565.41
		For Work In Restricted Working Space, Add	*376.94*	

40 05 23 23-1249 300#, Type 316 Stainless Steel Blind Flanges *(40 05 23 23-1019)*

40 05 23 23-1250	EA	1/2", 300#, Type 316 Stainless Steel Raised Face Blind Flange	115.85	10.99
		For Work In Restricted Working Space, Add	*7.34*	
40 05 23 23-1251	EA	3/4", 300#, Type 316 Stainless Steel Raised Face Blind Flange	117.35	11.67
		For Work In Restricted Working Space, Add	*7.79*	
40 05 23 23-1252	EA	1", 300#, Type 316 Stainless Steel Raised Face Blind Flange	119.92	12.82
		For Work In Restricted Working Space, Add	*8.56*	
40 05 23 23-1253	EA	1-1/4", 300#, Type 316 Stainless Steel Raised Face Blind Flange	181.57	14.29
		For Work In Restricted Working Space, Add	*9.52*	
40 05 23 23-1254	EA	1-1/2", 300#, Type 316 Stainless Steel Raised Face Blind Flange	192.72	19.30
		For Work In Restricted Working Space, Add	*12.87*	
40 05 23 23-1255	EA	2", 300#, Type 316 Stainless Steel Raised Face Blind Flange	213.43	21.43
		For Work In Restricted Working Space, Add	*14.28*	
40 05 23 23-1256	EA	2-1/2", 300#, Type 316 Stainless Steel Raised Face Blind Flange	358.95	27.55
		For Work In Restricted Working Space, Add	*18.37*	
40 05 23 23-1257	EA	3", 300#, Type 316 Stainless Steel Raised Face Blind Flange	392.92	38.61
		For Work In Restricted Working Space, Add	*25.73*	
40 05 23 23-1258	EA	4", 300#, Type 316 Stainless Steel Raised Face Blind Flange	598.91	64.32
		For Work In Restricted Working Space, Add	*42.88*	
40 05 23 23-1259	EA	6", 300#, Type 316 Stainless Steel Raised Face Blind Flange	1,106.17	82.71
		For Work In Restricted Working Space, Add	*55.14*	
40 05 23 23-1260	EA	8", 300#, Type 316 Stainless Steel Raised Face Blind Flange	1,439.54	105.54
		For Work In Restricted Working Space, Add	*70.36*	
40 05 23 23-1261	EA	10", 300#, Type 316 Stainless Steel Raised Face Blind Flange	2,604.72	126.65
		For Work In Restricted Working Space, Add	*84.44*	
40 05 23 23-1262	EA	12", 300#, Type 316 Stainless Steel Raised Face Blind Flange	3,175.35	158.32
		For Work In Restricted Working Space, Add	*105.54*	
40 05 23 23-1263	EA	14", 300#, Type 316 Stainless Steel Raised Face Blind Flange	4,593.49	197.89
		For Work In Restricted Working Space, Add	*131.93*	
40 05 23 23-1264	EA	16", 300#, Type 316 Stainless Steel Raised Face Blind Flange	5,930.79	225.74
		For Work In Restricted Working Space, Add	*150.49*	
40 05 23 23-1265	EA	18", 300#, Type 316 Stainless Steel Raised Face Blind Flange	7,763.69	282.71
		For Work In Restricted Working Space, Add	*188.47*	
40 05 23 23-1266	EA	20", 300#, Type 316 Stainless Steel Raised Face Blind Flange	9,755.77	395.79
		For Work In Restricted Working Space, Add	*263.86*	
40 05 23 23-1267	EA	24", 300#, Type 316 Stainless Steel Raised Face Blind Flange	15,044.80	565.41
		For Work In Restricted Working Space, Add	*376.94*	

40 05 23 23-1268 Type 316 Seamless Annealed Tubing *(40 05 23 23)*

Note: For high pressure air (8000 PSIG working pressure).

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CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

40 05 23 23-1269 Type 316 Seamless Annealed Tubing *(40 05 23 23-1268)*

40 05 23 23-1270	LF	3/8" Outside Diameter Stainless Steel Type 316 Seamless, Annealed, .065 Wall Thickness	25.30	
40 05 23 23-1271	LF	1/2" Outside Diameter Stainless Steel Type 316 Seamless, Annealed, .083 Wall Thickness	32.09	
40 05 23 23-1272	LF	3/4" Outside Diameter Stainless Steel Type 316 Seamless, Annealed, .120 Wall Thickness	38.93	

40 05 23 23-1273 Type 316 Seamless Annealed Tubing Fittings *(40 05 23 23-1268)*

Note: Pressure rating 5000 PSI minimum. Includes front and back ferrules.

40 05 23 23-1274	EA	3/8" Tube Outside Diameter X 3/8" NPT Stainless Steel Male Connector With Front And Back Ferrules	79.61	
40 05 23 23-1275	EA	3/8" Tube Outside Diameter X 3/8" NPT Stainless Steel Male Elbow With Front And Back Ferrules	94.75	
40 05 23 23-1276	EA	3/8" Tube Outside Diameter X 3/8" NPT Stainless Steel Male Tee With Front And Back Ferrules	146.07	
40 05 23 23-1277	EA	3/8" Outside Diameter Stainless Steel Union Elbow With Front And Back Ferrules	66.18	
40 05 23 23-1278	EA	3/8" Outside Diameter Stainless Steel Union Tee With Front And Back Ferrules	109.20	
40 05 23 23-1279	EA	1/2" Tube Outside Diameter X 1/2" NPT Stainless Steel Male Connector With Front And Back Ferrules	81.08	
40 05 23 23-1280	EA	1/2" Tube Outside Diameter X 1/2" NPT Stainless Steel Male Elbow With Front And Back Ferrules	102.84	
40 05 23 23-1281	EA	1/2" Tube Outside Diameter X 1/2" NPT Stainless Steel Male Branch Tee With Front And Back Ferrules	158.49	
40 05 23 23-1282	EA	1/2" Outside Diameter Stainless Steel Union Elbow With Front And Back Ferrules	101.21	
40 05 23 23-1283	EA	1/2" Outside Diameter Stainless Steel Union Tee With Front And Back Ferrules	155.50	
40 05 23 23-1284	EA	3/4" Tube Outside Diameter X 3/4" NPT Stainless Steel Male Connector With Front And Back Ferrules	97.73	
40 05 23 23-1285	EA	3/4" Tube Outside Diameter X 3/4" NPT Stainless Steel Male Elbow With Front And Back Ferrules	127.27	
40 05 23 23-1286	EA	3/4" Tube Outside Diameter X 3/4" NPT Stainless Steel Male Branch Tee With Front And Back Ferrules	211.85	
40 05 23 23-1287	EA	3/4" Outside Diameter Stainless Steel Union Elbow With Front And Back Ferrules	175.61	
40 05 23 23-1288	EA	3/4" Outside Diameter Stainless Steel Union Tee With Front And Back Ferrules	215.65	

40 05 23 23-1289 Valves For High Pressure Air (5,000 PSIG) *(40 05 23 23-1268)*

40 05 23 23-1290 Needle Valves *(40 05 23 23-1289)*

40 05 23 23-1291	EA	3/8" Tube Fitting Outside Diameter Stainless Steel With Needle Valve Cartridge	414.67	
40 05 23 23-1292	EA	1/2" Tube Fitting Outside Diameter Stainless Steel With Needle Valve Cartridge	662.37	

40 05 23 23-1293 Safety Valve (Code Stamped) Work Pressure, 6,000 PSIG *(40 05 23 23-1289)*

40 05 23 23-1294	EA	1/4" NPT Inlet, Safety Valve Spring Loaded 316 Stainless Steel Construction	398.24	

40 05 23 23-1295 Other Valves Working Pressure 6,000 PSI *(40 05 23 23-1289)*

40 05 23 23-1296	EA	1/4" NPT Pressure Reducing Valve Spring Loaded, Stainless Steel Body, 6,000 PSIG	1,675.54	
40 05 23 23-1297	EA	1/4" NPT Pressure Gauge, Liquid Filled, 6,000 PSIG, Blow Out Back	414.55	
40 05 23 23-1298	EA	Snubber 316 Stainless Steel Body, Rated For Design Pressure With Sinterec Element	76.75	

40 05 41 Glass Process Pipe *(40 05)*

40 05 41 00-0001 Glass Pressure Pipe *(40 05 41)*

40 05 41 00-0002 Glass Pipe, Beaded Joints *(40 05 41 00-0001)*

40 05 41 00-0003	LF	1/2" Glass Pipe, Pressure	52.45	15.90
		For Work In Restricted Working Space, Add	*9.53*	
40 05 41 00-0004	LF	3/4" Glass Pipe, Pressure	62.94	19.07
		For Work In Restricted Working Space, Add	*11.44*	
40 05 41 00-0005	LF	1" Glass Pipe, Pressure	74.62	21.19
		For Work In Restricted Working Space, Add	*12.71*	
40 05 41 00-0006	LF	1-1/2" Glass Pipe, Pressure	97.61	28.61
		For Work In Restricted Working Space, Add	*17.16*	
40 05 41 00-0007	LF	2" Glass Pipe, Pressure	121.27	33.91
		For Work In Restricted Working Space, Add	*20.34*	
40 05 41 00-0008	LF	3" Glass Pipe, Pressure	154.74	39.20
		For Work In Restricted Working Space, Add	*23.52*	
40 05 41 00-0009	LF	4" Glass Pipe, Pressure	212.87	52.98
		For Work In Restricted Working Space, Add	*31.79*	
40 05 41 00-0010	LF	6" Glass Pipe, Pressure	318.95	63.57
		For Work In Restricted Working Space, Add	*38.15*	

40 05 41 00-0011 Glass 90 Degree Elbows *(40 05 41 00-0001)*

40 05 41 00-0012	EA	1/2" 90 Degree Elbow, Glass, Pressure	217.81	84.76
		For Work In Restricted Working Space, Add	*50.86*	
40 05 41 00-0013	EA	3/4" 90 Degree Elbow, Glass, Pressure	237.00	90.06
		For Work In Restricted Working Space, Add	*54.04*	
40 05 41 00-0014	EA	1" 90 Degree Elbow, Glass, Pressure	265.14	95.36
		For Work In Restricted Working Space, Add	*57.21*	
40 05 41 00-0015	EA	1-1/2" 90 Degree Elbow, Glass, Pressure	291.26	105.95
		For Work In Restricted Working Space, Add	*63.57*	
40 05 41 00-0016	EA	2" 90 Degree Elbow, Glass, Pressure	338.93	116.55
		For Work In Restricted Working Space, Add	*69.93*	
40 05 41 00-0017	EA	3" 90 Degree Elbow, Glass, Pressure	444.11	137.73
		For Work In Restricted Working Space, Add	*82.64*	
40 05 41 00-0018	EA	4" 90 Degree Elbow, Glass, Pressure	531.41	148.33
		For Work In Restricted Working Space, Add	*88.99*	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 41 00-0019	EA	6" 90 Degree Elbow, Glass, Pressure	950.84	169.53
		For Work In Restricted Working Space, Add	*101.72*	

40 05 41 00-0020 Glass 45 Degree Elbows *(40 05 41 00-0001)*

40 05 41 00-0021	EA	1/2" 45 Degree Elbow, Glass, Pressure	215.88	84.76
		For Work In Restricted Working Space, Add	*50.86*	
40 05 41 00-0022	EA	3/4" 45 Degree Elbow, Glass, Pressure	234.73	90.06
		For Work In Restricted Working Space, Add	*54.04*	
40 05 41 00-0023	EA	1" 45 Degree Elbow, Glass, Pressure	262.15	95.36
		For Work In Restricted Working Space, Add	*57.21*	
40 05 41 00-0024	EA	1-1/2" 45 Degree Elbow, Glass, Pressure	288.09	105.95
		For Work In Restricted Working Space, Add	*63.57*	
40 05 41 00-0025	EA	2" 45 Degree Elbow, Glass, Pressure	334.66	116.55
		For Work In Restricted Working Space, Add	*69.92*	
40 05 41 00-0026	EA	3" 45 Degree Elbow, Glass, Pressure	437.39	137.73
		For Work In Restricted Working Space, Add	*82.65*	
40 05 41 00-0027	EA	4" 45 Degree Elbow, Glass, Pressure	522.01	148.33
		For Work In Restricted Working Space, Add	*88.99*	
40 05 41 00-0028	EA	6" 45 Degree Elbow, Glass, Pressure	926.24	169.53
		For Work In Restricted Working Space, Add	*101.68*	

40 05 41 00-0029 Glass Tees *(40 05 41 00-0001)*

40 05 41 00-0030	EA	1/2" Tee, Glass, Pressure	336.99	127.15
		For Work In Restricted Working Space, Add	*76.30*	
40 05 41 00-0031	EA	3/4" Tee, Glass, Pressure	359.26	137.73
		For Work In Restricted Working Space, Add	*82.65*	
40 05 41 00-0032	EA	1" Tee, Glass, Pressure	389.21	148.33
		For Work In Restricted Working Space, Add	*88.99*	
40 05 41 00-0033	EA	1-1/2" Tee, Glass, Pressure	453.37	158.93
		For Work In Restricted Working Space, Add	*95.34*	
40 05 41 00-0034	EA	2" Tee, Glass, Pressure	508.41	174.82
		For Work In Restricted Working Space, Add	*104.90*	
40 05 41 00-0035	EA	3" Tee, Glass, Pressure	618.91	211.90
		For Work In Restricted Working Space, Add	*127.14*	
40 05 41 00-0036	EA	4" Tee, Glass, Pressure	772.19	222.40
		For Work In Restricted Working Space, Add	*133.44*	
40 05 41 00-0037	EA	6" Tee, Glass, Pressure	1,080.50	254.18
		For Work In Restricted Working Space, Add	*152.53*	

40 05 41 00-0038 Glass Couplings, Vitron Liner *(40 05 41 00-0001)*

40 05 41 00-0039	EA	1/2" Coupling, Vitron Liner, Glass	69.44	
40 05 41 00-0040	EA	3/4" Coupling, Vitron Liner, Glass	79.36	
40 05 41 00-0041	EA	1" Coupling, Vitron Liner, Glass	92.59	
40 05 41 00-0042	EA	1-1/2" Coupling, Vitron Liner, Glass	105.82	
40 05 41 00-0043	EA	2" Coupling, Vitron Liner, Glass	127.31	
40 05 41 00-0044	EA	3" Coupling, Vitron Liner, Glass	233.13	
40 05 41 00-0045	EA	4" Coupling, Vitron Liner, Glass	281.08	
40 05 41 00-0046	EA	6" Coupling, Vitron Liner, Glass	562.16	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

43 Process Gas and Liquid Handling, Purification, and Storage Equipment

43 20 Liquid Handling Equipment *(43)*

43 23 Dry Location Liquid Pumps *(43 20)*

43 23 78 Controlled Volume Horizontal Reciprocating Pumps *(43 23)*

43 23 78 31 Controlled Volume Horizontal Mechanically-Coupled Diaphragm Simplex Reciprocating Pumps *(43 23 78)*

43 23 78 31-0001 Diaphragm Pump *(43 23 78 31)*

43 23 78 31-0002	EA	28 GPH Diaphragm Pump, Adjustable Flow 0-100% 250 PSI	4,815.67	

43 24 Suspended Liquid Pumps *(43 20)*

43 24 41 Archimedes Screw Pumps *(43 24)*

43 24 41 23 Positive-Displacement Inclined Closed-casing Archimedes Screw-type Pumps *(43 24 41)*

43 24 41 23-0001 Positive Displacement Pump *(43 24 41 23)*

43 24 41 23-0002	EA	25 GPH Positive Displacement Pump, Adjustable Flow 0-100% 200 PSI Neoprene Packing	3,957.56	

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

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gordian.com | 855.467.9444
30 Patewood Drive
Building 2, Suite 350
Greenville, South Carolina 29615